



FREQUENCY BAND G50 (470–534 MHz)

Channel	Group 1	Group 2	Group 3	Group 4	Group 5
GROUP LOGIC	FULL SPECTRUM	FULL SPECTRUM	FULL SPECTRUM	Full Spectrum (Bands G + J + L)	Full Spectrum (Bands G + J + L)
Ch 1	470.700	470.500	470.775	470.125	470.900
Ch 2	471.175	471.325	471.200	470.550	471.500
Ch 3	472.150	471.925	471.550	471.500	472.475
Ch 4	472.650	472.775	472.025	473.450	473.350
Ch 5	473.300	474.500	473.375	474.100	474.375
Ch 6	474.200	475.175	474.275	475.550	474.825
Ch 7	474.700	475.700	474.800	476.850	476.200
Ch 8	475.575	476.300	475.450	477.350	476.825
Ch 9	476.600	476.800	476.875	479.475	477.950
Ch 10	477.050	477.225	477.275	481.050	479.175
Ch 11	478.000	477.750	478.150	481.475	480.975
Ch 12	479.300	478.925	478.575	483.725	481.825
Ch 13	480.150	479.650	479.625	484.225	482.925
Ch 14	481.725	480.225	480.525	485.700	484.100
Ch 15	482.425	481.125	481.000	486.325	485.475
Ch 16	482.800	482.875	481.625	487.075	486.275
Ch 17	483.575	483.775	482.625	489.100	492.925
Ch 18	484.225	484.400	483.175	490.000	493.750
Ch 19	484.600	484.875	483.975	490.675	494.200
Ch 20	485.150	485.850	484.525	492.175	497.000
Ch 21	485.775	486.350	484.875	493.500	497.900
Ch 22	487.725	487.575	485.425	494.900	501.950
Ch 23	488.475	488.375	486.175	498.100	502.375
Ch 24	488.875	488.725	487.025	499.425	505.575
Ch 25	489.375	490.200	487.575	500.975	507.100
Ch 26	489.750	490.650	488.850	501.725	508.700
Ch 27	490.375	491.175	489.300	502.975	509.400
Ch 28	491.100	493.350	489.650	505.050	510.750
Ch 29	492.050	494.200	490.200	506.425	512.025
Ch 30	492.525	495.825	492.625	509.250	512.575
Ch 31	494.825	497.675	493.450	510.050	515.250
Ch 32	495.500	498.700	495.750	511.375	515.650
Ch 33	497.525	503.050	497.975	514.075	516.525
Ch 34	503.475	504.275	501.025	517.625	517.025

Channel	Group 1	Group 2	Group 3	Group 4	Group 5
GROUP LOGIC	FULL SPECTRUM	FULL SPECTRUM	FULL SPECTRUM	Full Spectrum (Bands G + J + L)	Full Spectrum (Bands G + J + L)
Ch 35	507.150	506.325	504.875	518.025	520.250
Ch 36	509.725	509.250	506.775	519.950	520.750
Ch 37	510.275	510.175	507.650	521.400	522.675
Ch 38	510.700	511.325	510.900	523.525	526.050
Ch 39	511.225	511.775	511.325	524.250	526.450
Ch 40	511.875	513.075	513.825	525.525	527.400
Ch 41	512.825	513.475	514.550	526.250	529.250
Ch 42	514.175	514.700	515.200	527.275	529.600
Ch 43	514.575	515.800	516.450	529.775	530.450
Ch 44	515.050	516.625	516.850	532.400	530.850
Ch 45	515.650	517.000	517.450	533.925	533.700
Ch 46	516.050	517.525	517.950		
Ch 47	516.925	517.975	518.775		
Ch 48	517.350	518.800	519.250		
Ch 49	519.750	519.500	519.800		
Ch 50	520.450	519.925	520.625		
Ch 51	520.950	520.750	521.275		
Ch 52	521.300	522.975	521.750		
Ch 53	522.475	523.350	523.225		
Ch 54	523.300	524.400	524.150		
Ch 55	523.725	525.350	525.450		
Ch 56	524.275	526.575	526.300		
Ch 57	524.725	527.575	527.500		
Ch 58	525.525	528.150	527.925		
Ch 59	525.975	528.650	528.600		
Ch 60	527.075	529.050	529.450		
Ch 61	527.475	529.525	530.200		
Ch 62	527.950	529.875	530.625		
Ch 63	528.725	531.400	531.525		
Ch 64	529.600	532.075	532.300		
Ch 65	531.100	532.550	533.175		
Ch 66	533.000	533.450	533.525		
Ch 67	533.900	533.825			

FREQUENCY BAND G50 (470–534 MHz) Continued

Channel	Group 6	Group 7	Group 8	Group 9	Group 10	Group 11	Group 12	Group 13	Group 14	Group 15	Group 16
GROUP LOGIC	14	15	16	17	18	19	20	21	22	23	24
Ch 1	470.175	476.175	482.175	488.175	494.175	500.175	506.175	512.175	518.175	524.175	530.175
Ch 2	470.525	476.525	482.525	488.525	494.525	500.525	506.525	512.525	518.525	524.525	530.525
Ch 3	471.050	477.050	483.050	489.050	495.050	501.050	507.050	513.050	519.050	525.050	531.050
Ch 4	471.475	477.475	483.475	489.475	495.475	501.475	507.475	513.475	519.475	525.475	531.475
Ch 5	471.825	477.825	483.825	489.825	495.825	501.825	507.825	513.825	519.825	525.825	531.825
Ch 6	472.300	478.300	484.300	490.300	496.300	502.300	508.300	514.300	520.300	526.300	532.300
Ch 7	472.675	478.675	484.675	490.675	496.675	502.675	508.675	514.675	520.675	526.675	532.675
Ch 8	473.350	479.350	485.350	491.350	497.350	503.350	509.350	515.350	521.350	527.350	533.350
Ch 9	473.700	479.700	485.700	491.700	497.700	503.700	509.700	515.700	521.700	527.700	533.700
Ch 10	474.200	480.200	486.200	492.200	498.200	504.200	510.200	516.200	522.200	528.200	
Ch 11	474.550	480.550	486.550	492.550	498.550	504.550	510.550	516.550	522.550	528.550	
Ch 12	474.975	480.975	486.975	492.975	498.975	504.975	510.975	516.975	522.975	528.975	
Ch 13	475.325	481.325	487.325	493.325	499.325	505.325	511.325	517.325	523.325	529.325	
Ch 14	475.825	481.825	487.825	493.825	499.825	505.825	511.825	517.825	523.825	529.825	

Channel	Group 17	Group 18	Group 19	Group 20	Group 21	Group 22	Group 23	Group 24	Group 25
GROUP LOGIC	14/16	15/17	16/18	17/19	18/20	19/21	20/22	21/23	22/24
Ch 1	470.250	476.250	482.250	488.250	494.250	500.250	506.250	512.250	518.250
Ch 2	470.775	476.775	482.775	488.775	494.775	500.775	506.775	512.775	518.775
Ch 3	471.225	477.225	483.225	489.225	495.225	501.225	507.225	513.225	519.225
Ch 4	471.575	477.575	483.575	489.575	495.575	501.575	507.575	513.575	519.575
Ch 5	472.275	478.275	484.275	490.275	496.275	502.275	508.275	514.275	520.275
Ch 6	472.700	478.700	484.700	490.700	496.700	502.700	508.700	514.700	520.700
Ch 7	473.050	479.050	485.050	491.050	497.050	503.050	509.050	515.050	521.050
Ch 8	473.500	479.500	485.500	491.500	497.500	503.500	509.500	515.500	521.500
Ch 9	474.050	480.050	486.050	492.050	498.050	504.050	510.050	516.050	522.050
Ch 10	474.400	480.400	486.400	492.400	498.400	504.400	510.400	516.400	522.400
Ch 11	474.950	480.950	486.950	492.950	498.950	504.950	510.950	516.950	522.950
Ch 12	475.575	481.575	487.575	493.575	499.575	505.575	511.575	517.575	523.575
Ch 13	475.975	481.975	487.975	493.975	499.975	505.975	511.975	517.975	523.975
Ch 14	482.075	488.075	494.075	500.075	506.075	512.075	518.075	524.075	530.075
Ch 15	482.575	488.575	494.575	500.575	506.575	512.575	518.575	524.575	530.575
Ch 16	482.925	488.925	494.925	500.925	506.925	512.925	518.925	524.925	530.925
Ch 17	483.350	489.350	495.350	501.350	507.350	513.350	519.350	525.350	531.350
Ch 18	483.875	489.875	495.875	501.875	507.875	513.875	519.875	525.875	531.875
Ch 19	484.250	490.250	496.250	502.250	508.250	514.250	520.250	526.250	532.250
Ch 20	484.700	490.700	496.700	502.700	508.700	514.700	520.700	526.700	532.700
Ch 21	485.075	491.075	497.075	503.075	509.075	515.075	521.075	527.075	533.075
Ch 22	485.825	491.825	497.825	503.825	509.825	515.825	521.825	527.825	533.825
Ch 23	486.200	492.200	498.200	504.200	510.200	516.200	522.200	528.200	
Ch 24	486.725	492.725	498.725	504.725	510.725	516.725	522.725	528.725	
Ch 25	487.150	493.150	499.150	505.150	511.150	517.150	523.150	529.150	
Ch 26	487.500	493.500	499.500	505.500	511.500	517.500	523.500	529.500	
Ch 27	487.975	493.975	499.975	505.975	511.975	517.975	523.975	529.975	

FREQUENCY BAND G51 (470–534 MHz)

Channel	Group 1	Group 2	Group 3
GROUP LOGIC	Full Range max. # of compatible frequencies 470-534 MHz (option 1)	Full Range max. # of compatible frequencies 470-534 MHz (option 2)	Full Range max. # of compatible frequencies 470-534 MHz (option 3)
Ch 1	470.700	470.500	470.775
Ch 2	471.175	471.325	471.200
Ch 3	472.150	471.925	471.550
Ch 4	472.650	472.775	472.025
Ch 5	473.300	474.500	473.375
Ch 6	474.200	475.175	474.275
Ch 7	474.700	475.700	474.800
Ch 8	475.575	476.300	475.450
Ch 9	476.600	476.800	476.875
Ch 10	477.050	477.225	477.275
Ch 11	478.000	477.750	478.150
Ch 12	479.300	478.925	478.575
Ch 13	480.150	479.650	479.625
Ch 14	481.725	480.225	480.525
Ch 15	482.425	481.125	481.000
Ch 16	482.800	482.875	481.625
Ch 17	483.575	483.775	482.625
Ch 18	484.225	484.400	483.175
Ch 19	484.600	484.875	483.975
Ch 20	485.150	485.850	484.525
Ch 21	485.775	486.350	484.875
Ch 22	487.725	487.575	485.425
Ch 23	488.475	488.375	486.175
Ch 24	488.875	488.725	487.025
Ch 25	489.375	490.200	487.575
Ch 26	489.750	490.650	488.850
Ch 27	490.375	491.175	489.300
Ch 28	491.100	493.350	489.650
Ch 29	492.050	494.200	490.200
Ch 30	492.525	495.825	492.625
Ch 31	494.825	497.675	493.450
Ch 32	495.500	498.700	495.750
Ch 33	497.525	503.050	497.975
Ch 34	503.475	504.275	501.025
Ch 35	507.150	506.325	504.875

Channel	Group 1	Group 2	Group 3
GROUP LOGIC	Full Range max. # of compatible frequencies 470-534 MHz (option 1)	Full Range max. # of compatible frequencies 470-534 MHz (option 2)	Full Range max. # of compatible frequencies 470-534 MHz (option 3)
Ch 36	509.725	509.250	506.775
Ch 37	510.275	510.175	507.650
Ch 38	510.700	511.325	510.900
Ch 39	511.225	511.775	511.325
Ch 40	511.875	513.075	513.825
Ch 41	512.825	513.475	514.550
Ch 42	514.175	514.700	515.200
Ch 43	514.575	515.800	516.450
Ch 44	515.050	516.625	516.850
Ch 45	515.650	517.000	517.450
Ch 46	516.050	517.525	517.950
Ch 47	516.925	517.975	518.775
Ch 48	517.350	518.800	519.250
Ch 49	519.750	519.500	519.800
Ch 50	520.450	519.925	520.625
Ch 51	520.950	520.750	521.275
Ch 52	521.300	522.975	521.750
Ch 53	522.475	523.350	523.225
Ch 54	523.300	524.400	524.150
Ch 55	523.725	525.350	525.450
Ch 56	524.275	526.575	526.300
Ch 57	524.725	527.575	527.500
Ch 58	525.525	528.150	527.925
Ch 59	525.975	528.650	528.600
Ch 60	527.075	529.050	529.450
Ch 61	527.475	529.525	530.200
Ch 62	527.950	529.875	530.625
Ch 63	528.725	531.400	531.525
Ch 64	529.600	532.075	532.300
Ch 65	531.100	532.550	533.175
Ch 66	533.000	533.450	533.525
Ch 67	533.900	533.825	

FREQUENCY BAND G51 (470–534 MHz) Continued

Channel	Group 4	Group 5	Group 6	Group 7	Group 8	Group 9	Group 10	Group 11	Group 12
LOGIC GROUP	European TV channel 21 optimized 470 - 478 MHz	European TV channel 22 optimized 478 - 486 MHz	European TV channel 23 optimized 486 - 494 MHz	European TV channel 24 optimized 494 - 502 MHz	European TV channel 25 optimized 502 - 510 MHz	European TV channel 26 optimized 510 - 518 MHz	European TV channel 27 optimized 518 - 526 MHz	European TV channel 28 optimized 526 - 534 MHz	Compatible with Group 12 of ULX-D H51 (both band versions completely available)
Ch 1	470.200	478.200	486.200	494.200	502.200	510.200	518.200	526.200	471.625
Ch 2	470.625	478.625	486.625	494.625	502.625	510.625	518.625	526.625	472.800
Ch 3	470.975	478.975	486.975	494.975	502.975	510.975	518.975	526.975	474.450
Ch 4	471.625	479.625	487.625	495.625	503.625	511.625	519.625	527.625	475.150
Ch 5	471.975	479.975	487.975	495.975	503.975	511.975	519.975	527.975	476.275
Ch 6	472.550	480.550	488.550	496.550	504.550	512.550	520.550	528.550	478.400
Ch 7	472.900	480.900	488.900	496.900	504.900	512.900	520.900	528.900	479.150
Ch 8	473.575	481.575	489.575	497.575	505.575	513.575	521.575	529.575	480.825
Ch 9	473.925	481.925	489.925	497.925	505.925	513.925	521.925	529.925	481.225
Ch 10	474.375	482.375	490.375	498.375	506.375	514.375	522.375	530.375	483.550
Ch 11	475.075	483.075	491.075	499.075	507.075	515.075	523.075	531.075	484.450
Ch 12	475.450	483.450	491.450	499.450	507.450	515.450	523.450	531.450	484.950
Ch 13	476.000	484.000	492.000	500.000	508.000	516.000	524.000	532.000	486.425
Ch 14	476.350	484.350	492.350	500.350	508.350	516.350	524.350	532.350	487.125
Ch 15	477.050	485.050	493.050	501.050	509.050	517.050	525.050	533.050	489.000
Ch 16	477.525	485.525	493.525	501.525	509.525	517.525	525.525	533.525	490.125
Ch 17	477.875	485.875	493.875	501.875	509.875	517.875	525.875	533.875	492.300
Ch 18									492.850
Ch 19									494.825
Ch 20									495.225
Ch 21									496.200
Ch 22									499.200
Ch 23									501.525
Ch 24									502.075
Ch 25									504.550
Ch 26									507.200
Ch 27									507.675
Ch 28									509.025
Ch 29									510.275
Ch 30									510.925
Ch 31									512.175
Ch 32									513.650
Ch 33									515.825
Ch 34									518.750
Ch 35									519.875
Ch 36									520.900
Ch 37									522.350
Ch 38									523.550
Ch 39									525.075
Ch 40									526.700
Ch 41									530.575
Ch 42									531.175
Ch 43									531.950
Ch 44									532.375

FREQUENCY BAND G52 (470–534 MHz)

Channel	Group 1 Full Range max. # of compatible frequencies 470-534 MHz (option 1)	Group 2 Full Range max. # of compatible frequencies 470-534 MHz (option 2)	Group 3 Full Range max. # of compatible frequencies 470-534 MHz (option 3)
Ch 1	479.300	479.650	479.625
Ch 2	480.150	480.225	480.525
Ch 3	481.725	481.125	481.000
Ch 4	482.425	482.875	481.625
Ch 5	482.800	483.775	482.625
Ch 6	483.575	484.400	483.175
Ch 7	484.225	484.875	483.975
Ch 8	484.600	485.850	484.525
Ch 9	485.150	486.350	484.875
Ch 10	485.775	487.575	485.425
Ch 11	487.725	488.375	486.175
Ch 12	488.475	488.725	487.025
Ch 13	488.875	490.200	487.575
Ch 14	489.375	490.650	488.850
Ch 15	489.750	491.175	489.300
Ch 16	490.375	493.350	489.650
Ch 17	491.100	494.200	490.200
Ch 18	492.050	495.825	492.625
Ch 19	492.525	497.675	493.450
Ch 20	494.825	498.700	495.750
Ch 21	495.500	503.050	497.975
Ch 22	497.525	504.275	501.025
Ch 23	503.475	506.325	504.875
Ch 24	507.150	509.250	506.775
Ch 25	509.725	510.175	507.650
Ch 26	510.275	511.325	510.900
Ch 27	510.700	511.775	511.325
Ch 28	511.225	513.075	513.825
Ch 29	511.875	513.475	514.550
Ch 30	512.825	514.700	515.200
Ch 31	514.175	515.800	516.450
Ch 32	514.575	516.625	516.850

Channel	Group 1 Full Range max. # of compatible frequencies 470-534 MHz (option 1)	Group 2 Full Range max. # of compatible frequencies 470-534 MHz (option 2)	Group 3 Full Range max. # of compatible frequencies 470-534 MHz (option 3)
Ch 33	515.050	517.000	517.450
Ch 34	515.650	517.525	517.950
Ch 35	516.050	517.975	518.775
Ch 36	516.925	518.800	519.250
Ch 37	517.350	519.500	519.800
Ch 38	519.750	519.925	520.625
Ch 39	520.450	520.750	521.275
Ch 40	520.950	522.975	521.750
Ch 41	521.300	523.350	523.225
Ch 42	522.475	524.400	524.150
Ch 43	523.300	525.350	525.450
Ch 44	523.725	526.575	526.300
Ch 45	524.275	527.575	527.500
Ch 46	524.725	528.150	527.925
Ch 47	525.525	528.650	528.600
Ch 48	525.975	529.050	529.450
Ch 49	527.075	529.525	530.200
Ch 50	527.475	529.875	530.625
Ch 51	527.950	531.400	531.525
Ch 52	528.725	532.075	532.300
Ch 53	529.600	532.550	533.175
Ch 54	531.100	533.450	533.525
Ch 55	533.000	533.825	470.775
Ch 56	533.900	470.500	471.200
Ch 57	470.700	471.325	471.550
Ch 58	471.175	471.925	472.025
Ch 59	472.150	472.775	473.375
Ch 60	472.650	474.500	474.275
Ch 61	473.300	475.175	474.800
Ch 62	474.200	475.700	475.450
Ch 63	474.700	476.300	476.875
Ch 64	475.575	476.800	477.275
Ch 65	476.600	477.225	478.150
Ch 66	477.050	477.750	478.575
Ch 67	478.000	478.925	

FREQUENCY BAND G52 (470–534 MHz) Continued

Channel	Group 4	Group 5	Group 6	Group 7	Group 8	Group 9	Group 10	Group 11	Group 12
	TV channel 21 optimized 470 - 478 MHz	TV channel 22 optimized 478 - 486 MHz	TV channel 23 optimized 486 - 494 MHz	TV channel 24 optimized 494 - 502 MHz	TV channel 25 optimized 502 - 510 MHz	TV channel 26 optimized 510 - 518 MHz	TV channel 27 optimized 518 - 526 MHz	TV channel 28 optimized 526 - 534 MHz	Compatible with Group 12 of ULX-D H52 (both band versions completely available)
Ch 1	470.200	479.625	486.200	494.200	502.200	510.200	518.200	526.200	479.150
Ch 2	470.625	479.975	486.625	494.625	502.625	510.625	518.625	526.625	480.825
Ch 3	470.975	480.550	486.975	494.975	502.975	510.975	518.975	526.975	481.225
Ch 4	471.625	480.900	487.625	495.625	503.625	511.625	519.625	527.625	483.550
Ch 5	471.975	481.575	487.975	495.975	503.975	511.975	519.975	527.975	484.450
Ch 6	472.550	481.925	488.550	496.550	504.550	512.550	520.550	528.550	484.950
Ch 7	472.900	482.375	488.900	496.900	504.900	512.900	520.900	528.900	486.425
Ch 8	473.575	483.075	489.575	497.575	505.575	513.575	521.575	529.575	487.125
Ch 9	473.925	483.450	489.925	497.925	505.925	513.925	521.925	529.925	489.000
Ch 10	474.375	484.000	490.375	498.375	506.375	514.375	522.375	530.375	490.125
Ch 11	475.075	484.350	491.075	499.075	507.075	515.075	523.075	531.075	492.300
Ch 12	475.450	485.050	491.450	499.450	507.450	515.450	523.450	531.450	492.850
Ch 13	476.000	485.525	492.000	500.000	508.000	516.000	524.000	532.000	494.825
Ch 14	476.350	485.875	492.350	500.350	508.350	516.350	524.350	532.350	495.225
Ch 15	477.050	478.200	493.050	501.050	509.050	517.050	525.050	533.050	496.200
Ch 16	477.525	478.625	493.525	501.525	509.525	517.525	525.525	533.525	499.200
Ch 17	477.875	478.975	493.875	501.875	509.875	517.875	525.875	533.875	501.525
Ch 18									502.075
Ch 19									504.550
Ch 20									507.200
Ch 21									507.675
Ch 22									509.025
Ch 23									510.275
Ch 24									510.925
Ch 25									512.175
Ch 26									513.650
Ch 27									515.825
Ch 28									518.750
Ch 29									519.875
Ch 30									520.900
Ch 31									522.350
Ch 32									523.550
Ch 33									525.075
Ch 34									526.700
Ch 35									530.575
Ch 36									531.175
Ch 37									531.950
Ch 38									532.375
Ch 39									471.625
Ch 40									472.800
Ch 41									474.450
Ch 42									475.150
Ch 43									476.275
Ch 44									478.400

FREQUENCY BAND H50 (534–598 MHz)

Channel	Group 1	Group 2	Group 3
	Full Spectrum	Full Spectrum	Full Spectrum
Ch 1	534.050	534.650	534.850
Ch 2	535.250	535.575	535.200
Ch 3	536.075	536.100	535.875
Ch 4	536.525	537.125	537.225
Ch 5	537.150	537.475	537.750
Ch 6	537.900	538.250	537.375
Ch 7	538.775	539.200	539.400
Ch 8	539.550	539.800	540.975
Ch 9	540.075	540.475	542.125
Ch 10	540.675	541.000	543.475
Ch 11	541.600	541.425	544.450
Ch 12	543.200	542.025	545.750
Ch 13	544.975	543.150	546.250
Ch 14	545.575	543.900	547.825
Ch 15	545.925	544.350	548.200
Ch 16	546.600	545.025	548.775
Ch 17	547.475	545.450	549.125
Ch 18	548.075	546.075	549.800
Ch 19	548.750	548.125	550.725
Ch 20	549.700	549.325	552.600
Ch 21	550.100	549.725	553.425
Ch 22	550.725	550.975	553.975
Ch 23	551.250	551.475	555.050
Ch 24	552.600	552.075	556.000
Ch 25	554.200	552.850	556.800
Ch 26	554.775	553.525	557.825
Ch 27	556.275	554.600	558.250
Ch 28	556.750	556.150	559.525
Ch 29	557.300	556.725	560.025
Ch 30	558.050	557.800	560.875
Ch 31	558.500	558.375	562.125
Ch 32	561.075	559.200	562.625

Channel	Group 1	Group 2	Group 3
	Full Spectrum	Full Spectrum	Full Spectrum
Ch 33	566.725	560.325	564.550
Ch 34	567.825	569.250	566.175
Ch 35	569.875	571.125	567.650
Ch 36	571.575	572.700	568.950
Ch 37	572.250	573.250	569.800
Ch 38	574.200	574.375	576.675
Ch 39	575.225	574.975	577.600
Ch 40	575.700	575.900	578.600
Ch 41	577.050	576.475	579.425
Ch 42	577.875	577.175	580.150
Ch 43	578.775	578.350	580.975
Ch 44	579.750	578.700	582.050
Ch 45	580.300	579.775	582.950
Ch 46	580.650	580.400	583.725
Ch 47	581.175	581.575	584.075
Ch 48	581.950	582.175	584.750
Ch 49	583.925	582.900	585.125
Ch 50	585.200	585.900	585.975
Ch 51	586.775	586.775	586.400
Ch 52	587.450	587.375	586.750
Ch 53	588.000	587.775	587.750
Ch 54	588.775	588.275	588.450
Ch 55	589.475	589.000	589.625
Ch 56	589.825	589.475	590.300
Ch 57	590.425	590.100	591.125
Ch 58	591.250	590.550	591.575
Ch 59	591.750	592.250	592.250
Ch 60	593.550	592.725	592.750
Ch 61	594.325	593.575	593.675
Ch 62	594.900	594.225	594.975
Ch 63	595.275	594.775	595.600
Ch 64	595.975	595.425	596.625
Ch 65	597.500	596.300	597.275
Ch 66		596.950	597.825

FREQUENCY BAND H50 (534–598 MHz) Continued

Channel	Group 4	Group 5	Group 6	Group 7	Group 8	Group 9	Group 10	Group 11	Group 12
	Full Spectrum (w/ Group 4 of Bands G + H + J + L)	Full Spectrum (w/ Group 5 of Bands G + H + J + L)	USTV 24; 530-536	USTV 25; 536-542	USTV 26; 542-548	USTV 27; 548-554	USTV 28; 554-560	USTV 29; 560-566	USTV 30; 566-572
Ch 1	535.225	566.525	534.000	537.025	543.275	549.225	555.075	560.950	567.275
Ch 2	540.100	580.850	534.350	537.400	543.675	549.750	555.500	561.525	567.775
Ch 3	545.600	590.925	534.850	537.925	544.200	550.125	555.850	561.900	568.200
Ch 4	548.500		535.200	538.300	544.825	550.575	556.375	562.350	568.550
Ch 5	584.000		535.625	538.750	545.200	550.950	556.750	562.975	568.975
Ch 6	584.350		535.975	539.125	545.725	551.600	557.325	563.350	569.675
Ch 7	587.150			539.775	546.075	552.000	557.775	563.875	570.025
Ch 8				540.250	546.500	552.525	558.125	564.250	570.525
Ch 9				540.600	547.025	552.875	558.650	564.700	570.950
Ch 10				541.100	542.800	548.850	559.000	565.075	566.850
Ch 11				536.575	547.400	553.325	554.725	560.525	571.300
Ch 12				541.525	542.450	548.400	559.425	565.625	566.500
Ch 13				536.200	542.025	553.675	554.175	560.175	566.075
Ch 14				541.875	547.875	548.050	559.775	565.975	571.950

Channel	Group 13	Group 14	Group 15	Group 16	Group 17	Group 18	Group 19	Group 20	Group 21
	USTV 31; 572-578	USTV 32; 578-584	USTV 33; 584-590	USTV 34; 590-596	USTV 35; 596-602	USTV; 25/27	USTV; 26/28	USTV; 27/29	USTV; 28/30
Ch 1	573.125	578.925	585.025	591.000	596.925	537.225	543.475	549.325	555.375
Ch 2	573.475	579.375	585.400	591.475	597.300	537.725	543.850	550.025	555.925
Ch 3	574.050	579.900	585.900	591.825	597.825	538.150	544.400	550.425	556.300
Ch 4	574.400	580.325	586.575	592.250	596.450	538.725	545.100	551.025	556.775
Ch 5	574.850	581.000	586.925	592.750	596.100	539.150	545.550	551.450	557.125
Ch 6	575.400	581.375	587.350	593.150		539.500	546.150	552.100	557.825
Ch 7	575.800	581.850	587.850	593.750		540.025	546.575	552.600	558.250
Ch 8	576.300	582.225	588.200	594.225		540.450	555.300	552.950	558.800
Ch 9	576.650	582.775	588.625	594.575		548.925	555.700	561.050	567.325
Ch 10	577.075	583.150	588.975	590.600		549.450	556.325	561.425	567.750
Ch 11	572.425	578.575	584.375	595.125		549.900	556.700	561.925	568.100
Ch 12	577.425	583.600	589.600	595.475		550.250	557.200	562.350	568.525
Ch 13	572.025	578.150	584.025	590.100		550.725	557.550	562.700	569.100
Ch 14	577.975	583.950	589.975	595.900		551.375	557.975	563.150	569.525
Ch 15						551.800	558.475	563.775	569.875
Ch 16						552.150	558.900	564.250	570.300
Ch 17						552.600	542.825	564.600	570.800
Ch 18						536.625	547.125	565.025	554.900
Ch 19						541.175	554.800	548.875	559.175
Ch 20						553.150	542.475	560.600	566.825
Ch 21						541.525	547.500	548.500	571.150
Ch 22						548.550	554.375	553.450	566.475
Ch 23						553.500	559.500	565.550	571.575
Ch 24						536.100	542.050	548.025	554.250
Ch 25						541.975	547.975	553.875	559.875
Ch 26						548.100	554.025	560.250	566.050
Ch 27						553.975	559.900	565.900	571.925

FREQUENCY BAND H50 (534–598 MHz) Continued

Channel	Group 22 USTV; 29/31	Group 23 USTV; 30/32	Group 24 USTV; 31/33	Group 25 USTV; 32/34	Group 26 USTV; 30-35	Group 27 USTV; 32-35	Group 28 Full Spectrum (w/ Group 28 of Bands G + H + J + L)	Group 29 Full Spectrum (w/ Group 29 of Bands G + H + J + L)
Ch 1	561.375	566.975	573.350	579.075	568.875	588.375	537.450	539.075
Ch 2	562.050	567.400	573.700	579.550	597.550	597.150	538.550	539.725
Ch 3	562.450	567.900	574.400	579.900	567.250	579.175	540.500	541.500
Ch 4	562.950	568.275	574.750	580.325	567.775	580.150	544.025	542.075
Ch 5	563.300	568.950	575.250	580.850	568.200	580.575	545.000	543.775
Ch 6	563.725	569.350	575.675	581.200	573.225	581.300	545.650	551.575
Ch 7	564.275	569.825	576.025	581.650	569.225	581.825	547.875	555.025
Ch 8	564.675	570.175	576.675	582.275	569.725	582.250	548.400	555.875
Ch 9	573.000	570.600	577.050	582.775	570.075	582.775	554.200	556.900
Ch 10	573.350	579.025	584.950	591.450	570.825	583.600	554.725	562.400
Ch 11	574.050	579.400	585.300	591.900	597.925	584.175	559.875	563.575
Ch 12	574.400	579.850	585.875	592.275	573.650	584.575	563.275	568.100
Ch 13	574.825	580.500	586.325	592.750	574.175	585.225	568.400	570.150
Ch 14	575.175	580.900	586.700	593.400	574.625	585.775	569.275	573.650
Ch 15	575.675	581.400	587.150	593.900	575.350	586.725	570.575	575.775
Ch 16	576.100	581.750	587.850	594.250	575.825	587.500	571.275	576.300
Ch 17	576.825	582.175	588.275	594.825	576.175	597.750	575.150	578.125
Ch 18	560.900	582.700	588.625	578.700	576.625	589.575	575.800	578.775
Ch 19	565.150	583.100	589.200	583.200	578.500	590.175	578.425	582.275
Ch 20	577.175	566.625	572.550	590.875	578.900	590.575	580.250	582.875
Ch 21	560.525	571.125	577.525	595.275	579.725	591.050	580.700	585.550
Ch 22	565.500	571.500	584.475	583.550	580.475	591.725	581.450	585.950
Ch 23	572.575	578.375	589.625	590.525	581.350	592.075	582.900	586.550
Ch 24	577.650	583.575	572.050	578.050	583.700	592.675	583.550	587.725
Ch 25	560.050	566.200	577.875	583.975	584.925	593.025	586.775	589.700
Ch 26	565.950	571.975	584.100	590.025	585.725	593.800	588.825	591.075
Ch 27	572.225	578.025	589.975	595.825	587.125	594.200	589.600	591.925
Ch 28		583.925			587.575	594.675	590.550	593.250
Ch 29					588.275	595.275	592.500	593.600
Ch 30					588.700	595.625	593.125	595.925
Ch 31					589.950	596.100	593.900	596.325
Ch 32					590.450	578.650	594.950	597.000
Ch 33					591.050	578.300	595.925	
Ch 34					591.950			
Ch 35					592.400			
Ch 36					593.575			
Ch 37					594.100			
Ch 38					595.075			
Ch 39					595.525			
Ch 40					595.900			
Ch 41					596.450			
Ch 42					597.075			
Ch 43					566.425			
Ch 44					566.050			

FREQUENCY BAND H51 (534–598 MHz)

Channel	Group 1	Group 2	Group 3
GROUP LOGIC	Full Range max. # of com- patible frequen- cies 534-598 MHz (option 1)	Full Range max. # of com- patible frequen- cies 534-598 MHz (option 2)	Full Range max. # of com- patible frequen- cies 534-598 MHz (option 3)
Ch 1	534.700	534.500	534.775
Ch 2	535.175	535.325	535.200
Ch 3	536.150	535.925	535.550
Ch 4	536.650	536.775	536.025
Ch 5	537.300	538.500	537.375
Ch 6	538.200	539.175	538.275
Ch 7	538.700	539.700	538.800
Ch 8	539.575	540.300	539.450
Ch 9	540.600	540.800	540.875
Ch 10	541.050	541.225	541.275
Ch 11	542.000	541.750	542.150
Ch 12	543.300	542.925	542.575
Ch 13	544.150	543.650	543.625
Ch 14	545.725	544.225	544.525
Ch 15	546.425	545.125	545.000
Ch 16	546.800	546.875	545.625
Ch 17	547.575	547.775	546.625
Ch 18	548.225	548.400	547.175
Ch 19	548.600	548.875	547.975
Ch 20	549.150	549.850	548.525
Ch 21	549.775	550.350	548.875
Ch 22	551.725	551.575	549.425
Ch 23	552.475	552.375	550.175
Ch 24	552.875	552.725	551.025
Ch 25	553.375	554.200	551.575
Ch 26	553.750	554.650	552.850
Ch 27	554.375	555.175	553.300
Ch 28	555.100	557.350	553.650
Ch 29	556.050	558.200	554.200
Ch 30	556.525	559.825	556.625
Ch 31	558.825	561.675	557.450
Ch 32	559.500	562.700	559.750
Ch 33	561.525	567.050	561.975

Channel	Group 1	Group 2	Group 3
GROUP LOGIC	Full Range max. # of com- patible frequen- cies 534-598 MHz (option 1)	Full Range max. # of com- patible frequen- cies 534-598 MHz (option 2)	Full Range max. # of com- patible frequen- cies 534-598 MHz (option 3)
Ch 34	567.475	568.275	565.025
Ch 35	571.150	570.325	568.875
Ch 36	573.725	573.250	570.775
Ch 37	574.275	574.175	571.650
Ch 38	574.700	575.325	574.900
Ch 39	575.225	575.775	575.325
Ch 40	575.875	577.075	577.825
Ch 41	576.825	577.475	578.550
Ch 42	578.175	578.700	579.200
Ch 43	578.575	579.800	580.450
Ch 44	579.050	580.625	580.850
Ch 45	579.650	581.000	581.450
Ch 46	580.050	581.525	581.950
Ch 47	580.925	581.975	582.775
Ch 48	581.350	582.800	583.250
Ch 49	583.750	583.500	583.800
Ch 50	584.450	583.925	584.625
Ch 51	584.950	584.750	585.275
Ch 52	585.300	586.975	585.750
Ch 53	586.475	587.350	587.225
Ch 54	587.300	588.400	588.150
Ch 55	587.725	589.350	589.450
Ch 56	588.275	590.575	590.300
Ch 57	588.725	591.575	591.500
Ch 58	589.525	592.150	591.925
Ch 59	589.975	592.650	592.600
Ch 60	591.075	593.050	593.450
Ch 61	591.475	593.525	594.200
Ch 62	591.950	593.875	594.625
Ch 63	592.725	595.400	595.525
Ch 64	593.600	596.075	596.300
Ch 65	595.100	596.550	597.175
Ch 66	597.000	597.450	597.525
Ch 67	597.900	597.825	

FREQUENCY BAND H51 (534–598 MHz) Continued

Channel	Group 4	Group 5	Group 6	Group 7	Group 8	Group 9	Group 10	Group 11	Group 12
GROUP LOGIC	European TV channel 29 optimized 534- 542 MHz	European TV channel 30 optimized 542-550 MHz	European TV channel 31 optimized 550-558 MHz	European TV channel 32 optimized 558-566 MHz	European TV channel 33 optimized 566-574 MHz	European TV channel 34 optimized 574-582 MHz	European TV channel 35 optimized 582-590 MHz	European TV channel 36 optimized 590-598 MHz	Compatible with Group 12 of ULX-D G51 (both band versions completely available)
Ch 1	534.200	542.200	550.200	558.200	566.200	574.200	582.200	590.200	535.800
Ch 2	534.625	542.625	550.625	558.625	566.625	574.625	582.625	590.625	536.750
Ch 3	534.975	542.975	550.975	558.975	566.975	574.975	582.975	590.975	539.500
Ch 4	535.625	543.625	551.625	559.625	567.625	575.625	583.625	591.625	541.875
Ch 5	535.975	543.975	551.975	559.975	567.975	575.975	583.975	591.975	543.950
Ch 6	536.550	544.550	552.550	560.550	568.550	576.550	584.550	592.550	547.650
Ch 7	536.900	544.900	552.900	560.900	568.900	576.900	584.900	592.900	548.275
Ch 8	537.575	545.575	553.575	561.575	569.575	577.575	585.575	593.575	550.575
Ch 9	537.925	545.925	553.925	561.925	569.925	577.925	585.925	593.925	551.250
Ch 10	538.375	546.375	554.375	562.375	570.375	578.375	586.375	594.375	554.325
Ch 11	539.075	547.075	555.075	563.075	571.075	579.075	587.075	595.075	560.100
Ch 12	539.450	547.450	555.450	563.450	571.450	579.450	587.450	595.450	560.450
Ch 13	540.000	548.000	556.000	564.000	572.000	580.000	588.000	596.000	561.550
Ch 14	540.350	548.350	556.350	564.350	572.350	580.350	588.350	596.350	562.250
Ch 15	541.050	549.050	557.050	565.050	573.050	581.050	589.050	597.050	566.075
Ch 16	541.525	549.525	557.525	565.525	573.525	581.525	589.525	597.525	567.275
Ch 17	541.875	549.875	557.875	565.875	573.875	581.875	589.875	597.875	567.825
Ch 18									570.675
Ch 19									571.225
Ch 20									573.150
Ch 21									576.475
Ch 22									577.050
Ch 23									577.725
Ch 24									578.175
Ch 25									579.375
Ch 26									579.725
Ch 27									580.475
Ch 28									582.525
Ch 29									583.675
Ch 30									584.300
Ch 31									584.650
Ch 32									585.400
Ch 33									586.575
Ch 34									589.800
Ch 35									590.525
Ch 36									591.325
Ch 37									591.775
Ch 38									592.375
Ch 39									592.750
Ch 40									594.675
Ch 41									595.200
Ch 42									596.000
Ch 43									596.900
Ch 44									597.500

FREQUENCY BAND H52 (534–565 MHz)

Channel	Group 1 Full Range max. # of com- patible frequen- cies 534-598 MHz (option 1)	Group 2 Full Range max. # of com- patible frequen- cies 534-598 MHz (option 2)	Group 3 Full Range max. # of com- patible frequen- cies 534-598 MHz (option 3)
Ch 1	534.700	534.500	534.775
Ch 2	535.175	535.325	535.200
Ch 3	536.150	535.925	535.550
Ch 4	536.650	536.775	536.025
Ch 5	537.300	538.500	537.375
Ch 6	538.200	539.175	538.275
Ch 7	538.700	539.700	538.800
Ch 8	539.575	540.300	539.450
Ch 9	540.600	540.800	540.875
Ch 10	541.050	541.225	541.275
Ch 11	542.000	541.750	542.150
Ch 12	543.300	542.925	542.575
Ch 13	544.150	543.650	543.625
Ch 14	545.725	544.225	544.525
Ch 15	546.425	545.125	545.000
Ch 16	546.800	546.875	545.625
Ch 17	547.575	547.775	546.625
Ch 18	548.225	548.400	547.175
Ch 19	548.600	548.875	547.975
Ch 20	549.150	549.850	548.525
Ch 21	549.775	550.350	548.875
Ch 22	551.725	551.575	549.425
Ch 23	552.475	552.375	550.175
Ch 24	552.875	552.725	551.025
Ch 25	553.375	554.200	551.575
Ch 26	553.750	554.650	552.850
Ch 27	554.375	555.175	553.300
Ch 28	555.100	557.350	553.650
Ch 29	556.050	558.200	554.200
Ch 30	556.525	559.825	556.625
Ch 31	558.825	561.675	557.450
Ch 32	559.500	562.700	559.750
Ch 33	561.525	567.050	561.975
Ch 34	567.475	568.275	565.025

Channel	Group 1 Full Range max. # of com- patible frequen- cies 534-598 MHz (option 1)	Group 2 Full Range max. # of com- patible frequen- cies 534-598 MHz (option 2)	Group 3 Full Range max. # of com- patible frequen- cies 534-598 MHz (option 3)
Ch 35	571.150	570.325	568.875
Ch 36	573.725	573.250	570.775
Ch 37	574.275	574.175	571.650
Ch 38	574.700	575.325	574.900
Ch 39	575.225	575.775	575.325
Ch 40	575.875	577.075	577.825
Ch 41	576.825	577.475	578.550
Ch 42	578.175	578.700	579.200
Ch 43	578.575	579.800	580.450
Ch 44	579.050	580.625	580.850
Ch 45	579.650	581.000	581.450
Ch 46	580.050	581.525	581.950
Ch 47	580.925	581.975	582.775
Ch 48	581.350	582.800	583.250
Ch 49	583.750	583.500	583.800
Ch 50	584.450	583.925	584.625
Ch 51	584.950	584.750	585.275
Ch 52	585.300	586.975	585.750
Ch 53	586.475	587.350	587.225
Ch 54	587.300	588.400	588.150
Ch 55	587.725	589.350	589.450
Ch 56	588.275	590.575	590.300
Ch 57	588.725	591.575	591.500
Ch 58	589.525	592.150	591.925
Ch 59	589.975	592.650	592.600
Ch 60	591.075	593.050	593.450
Ch 61	591.475	593.525	594.200
Ch 62	591.950	593.875	594.625
Ch 63	592.725	595.400	595.525
Ch 64	593.600	596.075	596.300
Ch 65	595.100	596.550	597.175
Ch 66	597.000	597.450	597.525
Ch 67	597.900	597.825	

FREQUENCY BAND H52 (534–565 MHz) Continued

Channel	Group 4 TV channel 29 optimized 534- 542 MHz	Group 5 TV channel 30 optimized 542-550 MHz	Group 6 TV channel 31 optimized 550-558 MHz	Group 7 TV channel 32 optimized 558-566 MHz	Group 8 TV channel 33 optimized 566-574 MHz	Group 9 TV channel 34 optimized 574-582 MHz	Group 10 TV channel 35 optimized 582-590 MHz	Group 11 TV channel 36 optimized 590-598 MHz	Group 12 Compatible with Group 12 of ULX-D G52 (both band versions completely available)
Ch 1	534.200	542.200	550.200	558.200	566.200	574.200	582.200	590.200	535.800
Ch 2	534.625	542.625	550.625	558.625	566.625	574.625	582.625	590.625	536.750
Ch 3	534.975	542.975	550.975	558.975	566.975	574.975	582.975	590.975	539.500
Ch 4	535.625	543.625	551.625	559.625	567.625	575.625	583.625	591.625	541.875
Ch 5	535.975	543.975	551.975	559.975	567.975	575.975	583.975	591.975	543.950
Ch 6	536.550	544.550	552.550	560.550	568.550	576.550	584.550	592.550	547.650
Ch 7	536.900	544.900	552.900	560.900	568.900	576.900	584.900	592.900	548.275
Ch 8	537.575	545.575	553.575	561.575	569.575	577.575	585.575	593.575	550.575
Ch 9	537.925	545.925	553.925	561.925	569.925	577.925	585.925	593.925	551.250
Ch 10	538.375	546.375	554.375	562.375	570.375	578.375	586.375	594.375	554.325
Ch 11	539.075	547.075	555.075	563.075	571.075	579.075	587.075	595.075	560.100
Ch 12	539.450	547.450	555.450	563.450	571.450	579.450	587.450	595.450	560.450
Ch 13	540.000	548.000	556.000	564.000	572.000	580.000	588.000	596.000	561.550
Ch 14	540.350	548.350	556.350	564.350	572.350	580.350	588.350	596.350	562.250
Ch 15	541.050	549.050	557.050	565.050	573.050	581.050	589.050	597.050	566.075
Ch 16	541.525	549.525	557.525	565.525	573.525	581.525	589.525	597.525	567.275
Ch 17	541.875	549.875	557.875	565.875	573.875	581.875	589.875	597.875	567.825
Ch 18									570.675
Ch 19									571.225
Ch 20									573.150
Ch 21									576.475
Ch 22									577.050
Ch 23									577.725
Ch 24									578.175
Ch 25									579.375
Ch 26									579.725
Ch 27									580.475
Ch 28									582.525
Ch 29									583.675
Ch 30									584.300
Ch 31									584.650
Ch 32									585.400
Ch 33									586.575
Ch 34									589.800
Ch 35									590.525
Ch 36									591.325
Ch 37									591.775
Ch 38									592.375
Ch 39									592.750
Ch 40									594.675
Ch 41									595.200
Ch 42									596.000
Ch 43									596.900
Ch 44									597.500

FREQUENCY BAND J50 (572–636 MHz)

Channel	Group 1	Group 2	Group 3
	FULL SPECTRUM	FULL SPECTRUM	FULL SPECTRUM
Ch 1	572.700	572.500	572.775
Ch 2	573.175	573.325	573.200
Ch 3	574.150	573.925	573.550
Ch 4	574.650	574.775	574.025
Ch 5	575.300	576.500	575.375
Ch 6	576.200	577.175	576.275
Ch 7	576.700	577.700	576.800
Ch 8	577.575	578.300	577.450
Ch 9	578.600	578.800	578.875
Ch 10	579.050	579.225	579.275
Ch 11	580.000	579.750	580.150
Ch 12	581.300	580.925	580.575
Ch 13	582.150	581.650	581.625
Ch 14	583.725	582.225	582.525
Ch 15	584.425	583.125	583.000
Ch 16	584.800	584.875	583.625
Ch 17	585.575	585.775	584.625
Ch 18	586.225	586.400	585.175
Ch 19	586.600	586.875	585.975
Ch 20	587.150	587.850	586.525
Ch 21	587.775	588.350	586.875
Ch 22	589.725	589.575	587.425
Ch 23	590.475	590.375	588.175
Ch 24	590.875	590.725	589.025
Ch 25	591.375	592.200	589.575
Ch 26	591.750	592.650	590.850
Ch 27	592.375	593.175	591.300
Ch 28	593.100	595.350	591.650
Ch 29	594.050	596.200	592.200
Ch 30	594.525	597.825	594.625
Ch 31	596.825	599.675	595.450
Ch 32	597.500	600.700	597.750
Ch 33	599.525	605.050	599.975
Ch 34	605.475	606.275	603.025

Channel	Group 1	Group 2	Group 3
	FULL SPECTRUM	FULL SPECTRUM	FULL SPECTRUM
Ch 35	609.150	608.325	606.875
Ch 36	611.725	611.250	608.775
Ch 37	612.275	612.175	609.650
Ch 38	612.700	613.325	612.900
Ch 39	613.225	613.775	613.325
Ch 40	613.875	615.075	615.825
Ch 41	614.825	615.475	616.550
Ch 42	616.175	616.700	617.200
Ch 43	616.575	617.800	618.450
Ch 44	617.050	618.625	618.850
Ch 45	617.650	619.000	619.450
Ch 46	618.050	619.525	619.950
Ch 47	618.925	619.975	620.775
Ch 48	619.350	620.800	621.250
Ch 49	621.750	621.500	621.800
Ch 50	622.450	621.925	622.625
Ch 51	622.950	622.750	623.275
Ch 52	623.300	624.975	623.750
Ch 53	624.475	625.350	625.225
Ch 54	625.300	626.400	626.150
Ch 55	625.725	627.350	627.450
Ch 56	626.275	628.575	628.300
Ch 57	626.725	629.575	629.500
Ch 58	627.525	630.150	629.925
Ch 59	627.975	630.650	630.600
Ch 60	629.075	631.050	631.450
Ch 61	629.475	631.525	632.200
Ch 62	629.950	631.875	632.625
Ch 63	630.725	633.400	633.525
Ch 64	631.600	634.075	634.300
Ch 65	633.100	634.550	635.175
Ch 66	635.000	635.450	635.525
Ch 67	635.900	635.825	

FREQUENCY BAND J50 (572–636 MHz) Continued

Channel	Group 4	Group 5	Group 6	Group 7	Group 8	Group 9	Group 10	Group 11	Group 12	Group 13	Group 14	Group 15
	Full Spectrum (Bands G + J + L)	Full Spectrum (Bands G + J + L)	31	32	33	34	35	36	37	38	39	40
Ch 1	573.375	572.700	572.175	578.175	584.175	590.175	596.175	602.175	608.175	614.175	620.175	626.175
Ch 2	574.600	574.225	572.525	578.525	584.525	590.525	596.525	602.525	608.525	614.525	620.525	626.525
Ch 3	575.950	577.075	573.050	579.050	585.050	591.050	597.050	603.050	609.050	615.050	621.050	627.050
Ch 4	576.425	578.675	573.475	579.475	585.475	591.475	597.475	603.475	609.475	615.475	621.475	627.475
Ch 5	578.625	582.150	573.825	579.825	585.825	591.825	597.825	603.825	609.825	615.825	621.825	627.825
Ch 6	579.400	583.575	574.300	580.300	586.300	592.300	598.300	604.300	610.300	616.300	622.300	628.300
Ch 7	580.300	584.300	574.675	580.675	586.675	592.675	598.675	604.675	610.675	616.675	622.675	628.675
Ch 8	585.200	585.300	575.350	581.350	587.350	593.350	599.350	605.350	611.350	617.350	623.350	629.350
Ch 9	587.550	588.150	575.700	581.700	587.700	593.700	599.700	605.700	611.700	617.700	623.700	629.700
Ch 10	588.775	589.325	576.200	582.200	588.200	594.200	600.200	606.200	612.200	618.200	624.200	630.200
Ch 11	589.750	591.400	576.550	582.550	588.550	594.550	600.550	606.550	612.550	618.550	624.550	630.550
Ch 12	591.650	591.750	576.975	582.975	588.975	594.975	600.975	606.975	612.975	618.975	624.975	630.975
Ch 13	592.450	592.175	577.325	583.325	589.325	595.325	601.325	607.325	613.325	619.325	625.325	631.325
Ch 14	592.975	593.100	577.825	583.825	589.825	595.825	601.825	607.825	613.825	619.825	625.825	631.825
Ch 15	595.000	593.900										
Ch 16	595.875	594.575										
Ch 17	596.825	595.750										
Ch 18	598.575	596.800										
Ch 19	599.450	598.925										
Ch 20	602.750	600.350										
Ch 21	603.150	601.225										
Ch 22	603.800	602.375										
Ch 23	607.650	604.675										
Ch 24	614.175	605.275										
Ch 25	614.800	606.300										
Ch 26	616.025	607.125										
Ch 27	616.450	617.725										
Ch 28	617.425	618.625										
Ch 29	618.250	620.100										
Ch 30	619.925	620.650										
Ch 31	621.525	621.450										
Ch 32	622.625	621.925										
Ch 33	625.125	623.025										
Ch 34	625.875	626.325										
Ch 35	626.300	626.825										
Ch 36	627.100	627.925										
Ch 37	628.475	629.425										
Ch 38	629.675	630.250										
Ch 39	630.750	631.575										
Ch 40	631.350	632.725										
Ch 41	634.900	634.100										
Ch 42		634.475										

FREQUENCY BAND J50 (572–636 MHz) Continued

Channel	Group 16	Group 17	Group 18	Group 19	Group 20	Group 21	Group 22	Group 23	Group 24	Group 25
	41	31/33	32/34	33/35	34/36	35/37	36/38	37/39	38/40	39/41
Ch 1	632.175	572.250	578.250	584.250	590.250	596.250	602.250	608.250	614.250	620.250
Ch 2	632.525	572.775	578.775	584.775	590.775	596.775	602.775	608.775	614.775	620.775
Ch 3	633.050	573.225	579.225	585.225	591.225	597.225	603.225	609.225	615.225	621.225
Ch 4	633.475	573.575	579.575	585.575	591.575	597.575	603.575	609.575	615.575	621.575
Ch 5	633.825	574.275	580.275	586.275	592.275	598.275	604.275	610.275	616.275	622.275
Ch 6	634.300	574.700	580.700	586.700	592.700	598.700	604.700	610.700	616.700	622.700
Ch 7	634.675	575.050	581.050	587.050	593.050	599.050	605.050	611.050	617.050	623.050
Ch 8	635.350	575.500	581.500	587.500	593.500	599.500	605.500	611.500	617.500	623.500
Ch 9	635.700	576.050	582.050	588.050	594.050	600.050	606.050	612.050	618.050	624.050
Ch 10		576.400	582.400	588.400	594.400	600.400	606.400	612.400	618.400	624.400
Ch 11		576.950	582.950	588.950	594.950	600.950	606.950	612.950	618.950	624.950
Ch 12		577.575	583.575	589.575	595.575	601.575	607.575	613.575	619.575	625.575
Ch 13		577.975	583.975	589.975	595.975	601.975	607.975	613.975	619.975	625.975
Ch 14		584.075	590.075	596.075	602.075	608.075	614.075	620.075	626.075	632.075
Ch 15		584.575	590.575	596.575	602.575	608.575	614.575	620.575	626.575	632.575
Ch 16		584.925	590.925	596.925	602.925	608.925	614.925	620.925	626.925	632.925
Ch 17		585.350	591.350	597.350	603.350	609.350	615.350	621.350	627.350	633.350
Ch 18		585.875	591.875	597.875	603.875	609.875	615.875	621.875	627.875	633.875
Ch 19		586.250	592.250	598.250	604.250	610.250	616.250	622.250	628.250	634.250
Ch 20		586.700	592.700	598.700	604.700	610.700	616.700	622.700	628.700	634.700
Ch 21		587.075	593.075	599.075	605.075	611.075	617.075	623.075	629.075	635.075
Ch 22		587.825	593.825	599.825	605.825	611.825	617.825	623.825	629.825	635.825
Ch 23		588.200	594.200	600.200	606.200	612.200	618.200	624.200	630.200	
Ch 24		588.725	594.725	600.725	606.725	612.725	618.725	624.725	630.725	
Ch 25		589.150	595.150	601.150	607.150	613.150	619.150	625.150	631.150	
Ch 26		589.500	595.500	601.500	607.500	613.500	619.500	625.500	631.500	
Ch 27		589.975	595.975	601.975	607.975	613.975	619.975	625.975	631.975	

FREQUENCY BAND K51 (606–670 MHz)

Channel	Group 1	Group 2	Group 3	Group 4	Group 5
GROUP LOGIC	Full Range max. # of compatible frequencies 606-670 MHz (option 1)	Full Range max. # of compatible frequencies 606-670 MHz (option 2)	Full Range max. # of compatible frequencies 606-670 MHz (option 3)	Full Range max. # of compatible frequencies Ch. 38 excl. 606-670 MHz (option 1)	Full Range max. # of compatible frequencies Ch. 38 excl. 606-670 MHz (option 2)
Ch 1	606.700	606.500	606.775	614.250	614.100
Ch 2	607.175	607.325	607.200	614.925	614.550
Ch 3	608.150	607.925	607.550	615.500	615.400
Ch 4	608.650	608.775	608.025	616.550	616.500
Ch 5	609.300	610.500	609.375	616.900	617.675
Ch 6	610.200	611.175	610.275	617.325	618.050
Ch 7	610.700	611.700	610.800	617.925	618.525
Ch 8	611.575	612.300	611.450	618.400	619.475
Ch 9	612.600	612.800	612.875	620.000	619.850
Ch 10	613.050	613.225	613.275	620.600	621.375
Ch 11	614.000	613.750	614.150	621.375	621.750
Ch 12	615.300	614.925	614.575	621.750	622.350
Ch 13	616.150	615.650	615.625	622.250	622.725
Ch 14	617.725	616.225	616.525	623.200	623.450
Ch 15	618.425	617.125	617.000	624.000	624.775
Ch 16	618.800	618.875	617.625	625.350	625.350
Ch 17	619.575	619.775	618.625	626.500	625.725
Ch 18	620.225	620.400	619.175	626.875	627.125
Ch 19	620.600	620.875	619.975	627.725	627.625
Ch 20	621.150	621.850	620.525	628.100	628.450
Ch 21	621.775	622.350	620.875	628.775	630.275
Ch 22	623.725	623.575	621.425	629.175	630.700
Ch 23	624.475	624.375	622.175	630.350	631.675
Ch 24	624.875	624.725	623.025	631.175	632.275
Ch 25	625.375	626.200	623.575	631.725	633.225
Ch 26	625.750	626.650	624.850	632.075	633.675
Ch 27	626.375	627.175	625.300	633.300	634.650
Ch 28	627.100	629.350	625.650	634.750	635.950
Ch 29	628.050	630.200	626.200	637.900	638.075
Ch 30	628.525	631.825	628.625	641.575	638.475
Ch 31	630.825	633.675	629.450	643.100	639.550
Ch 32	631.500	634.700	631.750	644.250	642.675
Ch 33	633.525	639.050	633.975	647.525	646.350
Ch 34	639.475	640.275	637.025	649.075	648.125

Channel	Group 1	Group 2	Group 3	Group 4	Group 5
GROUP LOGIC	Full Range max. # of compatible frequencies 606-670 MHz (option 1)	Full Range max. # of compatible frequencies 606-670 MHz (option 2)	Full Range max. # of compatible frequencies 606-670 MHz (option 3)	Full Range max. # of compatible frequencies Ch. 38 excl. 606-670 MHz (option 1)	Full Range max. # of compatible frequencies Ch. 38 excl. 606-670 MHz (option 2)
Ch 35	643.150	642.325	640.875	649.425	648.625
Ch 36	645.725	645.250	642.775	650.525	650.300
Ch 37	646.275	646.175	643.650	651.000	651.150
Ch 38	646.700	647.325	646.900	652.075	652.950
Ch 39	647.225	647.775	647.325	652.475	654.050
Ch 40	647.875	649.075	649.825	653.025	654.475
Ch 41	648.825	649.475	650.550	653.825	655.300
Ch 42	650.175	650.700	651.200	654.250	655.850
Ch 43	650.575	651.800	652.450	654.925	656.200
Ch 44	651.050	652.625	652.850	656.350	659.100
Ch 45	651.650	653.000	653.450	656.900	659.750
Ch 46	652.050	653.525	653.950	657.625	660.200
Ch 47	652.925	653.975	654.775	660.550	661.125
Ch 48	653.350	654.800	655.250	661.225	661.825
Ch 49	655.750	655.500	655.800	662.075	662.200
Ch 50	656.450	655.925	656.625	662.675	663.375
Ch 51	656.950	656.750	657.275	663.075	664.400
Ch 52	657.300	658.975	657.750	663.700	665.175
Ch 53	658.475	659.350	659.225	664.625	665.750
Ch 54	659.300	660.400	660.150	665.100	666.125
Ch 55	659.725	661.350	661.450	665.475	666.750
Ch 56	660.275	662.575	662.300	665.975	667.200
Ch 57	660.725	663.575	663.500	666.675	667.550
Ch 58	661.525	664.150	663.925	667.450	668.050
Ch 59	661.975	664.650	664.600	668.375	668.725
Ch 60	663.075	665.050	665.450	668.800	669.475
Ch 61	663.475	665.525	666.200	669.150	669.825
Ch 62	663.950	665.875	666.625		
Ch 63	664.725	667.400	667.525		
Ch 64	665.600	668.075	668.300		
Ch 65	667.100	668.550	669.175		
Ch 66	669.000	669.450	669.525		
Ch 67	669.900	669.825			

FREQUENCY BAND K51 (606–670 MHz) Continued

Channel	Group 6	Group 7	Group 8	Group 9	Group 10	Group 11	Group 12	Group 13	Group 14	Group 15	Group 16	Group 17	Group 18
GROUP LOGIC	U.K. preferred: TV ch. 38 606-614 MHz with 500 kHz guard band (option 1)	U.K. preferred: TV ch. 38 606-614 MHz with 500 kHz guard band (option 2)	U.K. preferred: TV ch. 38 606-614 MHz with 500 kHz guard band (option 3)	Netherlands preferred: TV ch. 39-41 614-638 MHz (option 1)	Netherlands preferred: TV ch. 39-41 614-638 MHz (option 2)	Netherlands preferred: TV ch. 39-41 614-638 MHz (option 3)	European TV channel 39 optimized 614-622 MHz	European TV channel 40 optimized 622-630 MHz	European TV channel 41 optimized 630-638 MHz	European TV channel 42 optimized 638-646 MHz	European TV channel 43 optimized 646-654 MHz	European TV channel 44 optimized 654-662 MHz	European TV channel 45 optimized 662-670 MHz
Ch 1	606.500	606.575	606.575	614.175	614.250	614.100	614.200	622.200	630.200	638.200	646.200	654.200	662.200
Ch 2	607.150	606.950	607.000	614.550	614.675	614.475	614.625	622.625	630.625	638.625	646.625	654.625	662.625
Ch 3	607.550	607.575	607.350	615.200	615.025	615.125	614.975	622.975	630.975	638.975	646.975	654.975	662.975
Ch 4	608.075	608.000	607.800	615.550	615.700	615.475	615.625	623.625	631.625	639.625	647.625	655.625	663.625
Ch 5	608.500	608.350	608.350	616.075	616.050	615.950	615.975	623.975	631.975	639.975	647.975	655.975	663.975
Ch 6	608.850	608.775	608.725	616.675	616.575	616.350	616.550	624.550	632.550	640.550	648.550	656.550	664.550
Ch 7	609.375	609.275	609.175	617.100	617.000	617.000	616.900	624.900	632.900	640.900	648.900	656.900	664.900
Ch 8	609.750	609.625	609.550	617.450	617.625	617.350	617.575	625.575	633.575	641.575	649.575	657.575	665.575
Ch 9	610.375	610.050	610.250	618.475	618.375	617.975	617.925	625.925	633.925	641.925	649.925	657.925	665.925
Ch 10	610.900	610.400	610.650	618.900	619.050	618.675	618.375	626.375	634.375	642.375	650.375	658.375	666.375
Ch 11	611.300	611.075	611.125	619.575	619.825	619.075	619.075	627.075	635.075	643.075	651.075	659.075	667.075
Ch 12	611.775	611.425	611.475	619.925	620.375	619.700	619.450	627.450	635.450	643.450	651.450	659.450	667.450
Ch 13	612.125	611.850	611.900	620.500	620.775	621.075	620.000	628.000	636.000	644.000	652.000	660.000	668.000
Ch 14	612.550	612.200	612.425	621.200	621.400	621.650	620.350	628.350	636.350	644.350	652.350	660.350	668.350
Ch 15	613.075	613.050	612.875	621.550	621.925	622.300	621.050	629.050	637.050	645.050	653.050	661.050	669.050
Ch 16	613.425	613.450	613.225	622.325	622.275	625.450	621.525	629.525	637.525	645.525	653.525	661.525	669.525
Ch 17				623.000	622.725	626.800	621.875	629.875	637.875	645.875	653.875	661.875	669.875
Ch 18				623.350	623.275	627.475							
Ch 19				624.050	625.300	627.950							
Ch 20				626.700	625.975	628.350							
Ch 21				627.375	627.425	628.925							
Ch 22				627.725	629.025	629.350							
Ch 23				628.300	630.125	629.700							
Ch 24				630.175	630.925	630.200							
Ch 25				631.300	631.325	630.625							
Ch 26				631.675	631.800	631.125							
Ch 27				632.275	632.375	631.700							
Ch 28				632.775	633.325	632.125							
Ch 29				633.400	633.700	633.050							
Ch 30				634.125	634.150	633.450							
Ch 31				634.750	634.700	634.150							
Ch 32				635.300	635.150	634.675							
Ch 33				635.750	635.500	635.700							
Ch 34				636.375	636.000	636.075							
Ch 35				637.100	636.750	636.900							
Ch 36				637.550	637.100	637.325							
Ch 37				637.925	637.775	637.825							

FREQUENCY BAND L50 (632–696 MHz)

Channel	Group 1	Group 2	Group 3	Group 4	Group 5
GROUP LOGIC	FULL SPECTRUM	FULL SPECTRUM	FULL SPECTRUM	Full Spectrum (Bands G + J + L)	Full Spectrum (Bands G + J + L)
Ch 1	632.700	632.500	632.775	635.800	640.600
Ch 2	633.175	633.325	633.200	649.100	643.875
Ch 3	634.150	633.925	633.550	654.100	644.250
Ch 4	634.650	634.775	634.025	654.850	651.050
Ch 5	635.300	636.500	635.375	655.975	652.675
Ch 6	636.200	637.175	636.275	657.175	653.950
Ch 7	636.700	637.700	636.800	658.525	656.275
Ch 8	637.575	638.300	637.450	659.025	657.375
Ch 9	638.600	638.800	638.875	661.375	659.675
Ch 10	639.050	639.225	639.275	662.275	662.325
Ch 11	640.000	639.750	640.150	662.625	665.300
Ch 12	641.300	640.925	640.575	664.050	666.150
Ch 13	642.150	641.650	641.625	664.825	666.900
Ch 14	643.725	642.225	642.525	665.175	668.175
Ch 15	644.425	643.125	643.000	665.700	668.850
Ch 16	644.800	644.875	643.625	666.100	669.800
Ch 17	645.575	645.775	644.625	667.600	670.425
Ch 18	646.225	646.400	645.175	670.175	671.675
Ch 19	646.600	646.875	645.975	670.750	672.075
Ch 20	647.150	647.850	646.525	673.575	673.000
Ch 21	647.775	648.350	646.875	674.075	674.625
Ch 22	649.725	649.575	647.425	674.875	678.250
Ch 23	650.475	650.375	648.175	676.075	678.650
Ch 24	650.875	650.725	649.025	676.750	679.175
Ch 25	651.375	652.200	649.575	677.850	680.475
Ch 26	651.750	652.650	650.850	678.700	682.100
Ch 27	652.375	653.175	651.300	679.300	682.550
Ch 28	653.100	655.350	651.650	680.200	683.575
Ch 29	654.050	656.200	652.200	680.925	684.225
Ch 30	654.525	657.825	654.625	681.525	685.125
Ch 31	656.825	659.675	655.450	683.925	685.800
Ch 32	657.500	660.700	657.750	685.300	687.000
Ch 33	659.525	665.050	659.975	686.175	688.725
Ch 34	665.475	666.275	663.025	686.550	689.200

Channel	Group 1	Group 2	Group 3	Group 4	Group 5
GROUP LOGIC	FULL SPECTRUM	FULL SPECTRUM	FULL SPECTRUM	Full Spectrum (Bands G + J + L)	Full Spectrum (Bands G + J + L)
Ch 35	669.150	668.325	666.875	687.925	690.100
Ch 36	671.725	671.250	668.775	688.850	690.750
Ch 37	672.275	672.175	669.650	690.150	691.325
Ch 38	672.700	673.325	672.900	690.650	691.800
Ch 39	673.225	673.775	673.325	692.675	692.675
Ch 40	673.875	675.075	675.825	693.525	693.650
Ch 41	674.825	675.475	676.550	694.625	694.275
Ch 42	676.175	676.700	677.200	695.325	695.150
Ch 43	676.575	677.800	678.450	695.825	
Ch 44	677.050	678.625	678.850		
Ch 45	677.650	679.000	679.450		
Ch 46	678.050	679.525	679.950		
Ch 47	678.925	679.975	680.775		
Ch 48	679.350	680.800	681.250		
Ch 49	681.750	681.500	681.800		
Ch 50	682.450	681.925	682.625		
Ch 51	682.950	682.750	683.275		
Ch 52	683.300	684.975	683.750		
Ch 53	684.475	685.350	685.225		
Ch 54	685.300	686.400	686.150		
Ch 55	685.725	687.350	687.450		
Ch 56	686.275	688.575	688.300		
Ch 57	686.725	689.575	689.500		
Ch 58	687.525	690.150	689.925		
Ch 59	687.975	690.650	690.600		
Ch 60	689.075	691.050	691.450		
Ch 61	689.475	691.525	692.200		
Ch 62	689.950	691.875	692.625		
Ch 63	690.725	693.400	693.525		
Ch 64	691.600	694.075	694.300		
Ch 65	693.100	694.550	695.175		
Ch 66	695.000	695.450	695.525		
Ch 67	695.900	695.825			

FREQUENCY BAND L50 (632–696 MHz) Continued

Channel	Group 6	Group 7	Group 8	Group 9	Group 10	Group 11	Group 12	Group 13	Group 14	Group 15	Group 16	Group 17
GROUP LOGIC	41	42	43	44	45	46	47	48	49	50	51	41/43
Ch 1	632.175	638.175	644.175	650.175	656.175	662.175	668.175	674.175	680.175	686.175	692.175	632.250
Ch 2	632.525	638.525	644.525	650.525	656.525	662.525	668.525	674.525	680.525	686.525	692.525	632.775
Ch 3	633.050	639.050	645.050	651.050	657.050	663.050	669.050	675.050	681.050	687.050	693.050	633.225
Ch 4	633.475	639.475	645.475	651.475	657.475	663.475	669.475	675.475	681.475	687.475	693.475	633.575
Ch 5	633.825	639.825	645.825	651.825	657.825	663.825	669.825	675.825	681.825	687.825	693.825	634.275
Ch 6	634.300	640.300	646.300	652.300	658.300	664.300	670.300	676.300	682.300	688.300	694.300	634.700
Ch 7	634.675	640.675	646.675	652.675	658.675	664.675	670.675	676.675	682.675	688.675	694.675	635.050
Ch 8	635.350	641.350	647.350	653.350	659.350	665.350	671.350	677.350	683.350	689.350	695.350	635.500
Ch 9	635.700	641.700	647.700	653.700	659.700	665.700	671.700	677.700	683.700	689.700	695.700	636.050
Ch 10	636.200	642.200	648.200	654.200	660.200	666.200	672.200	678.200	684.200	690.200		636.400
Ch 11	636.550	642.550	648.550	654.550	660.550	666.550	672.550	678.550	684.550	690.550		636.950
Ch 12	636.975	642.975	648.975	654.975	660.975	666.975	672.975	678.975	684.975	690.975		637.575
Ch 13	637.325	643.325	649.325	655.325	661.325	667.325	673.325	679.325	685.325	691.325		637.975
Ch 14	637.825	643.825	649.825	655.825	661.825	667.825	673.825	679.825	685.825	691.825		644.075

Channel	Group 18	Group 19	Group 20	Group 21	Group 22	Group 23	Group 24	Group 25
GROUP LOGIC	42/44	43/45	44/46	45/47	46/48	47/49	48/50	49/51
Ch 1	638.250	644.250	650.250	656.250	662.250	668.250	674.250	680.250
Ch 2	638.775	644.775	650.775	656.775	662.775	668.775	674.775	680.775
Ch 3	639.225	645.225	651.225	657.225	663.225	669.225	675.225	681.225
Ch 4	639.575	645.575	651.575	657.575	663.575	669.575	675.575	681.575
Ch 5	640.275	646.275	652.275	658.275	664.275	670.275	676.275	682.275
Ch 6	640.700	646.700	652.700	658.700	664.700	670.700	676.700	682.700
Ch 7	641.050	647.050	653.050	659.050	665.050	671.050	677.050	683.050
Ch 8	641.500	647.500	653.500	659.500	665.500	671.500	677.500	683.500
Ch 9	642.050	648.050	654.050	660.050	666.050	672.050	678.050	684.050
Ch 10	642.400	648.400	654.400	660.400	666.400	672.400	678.400	684.400
Ch 11	642.950	648.950	654.950	660.950	666.950	672.950	678.950	684.950
Ch 12	643.575	649.575	655.575	661.575	667.575	673.575	679.575	685.575
Ch 13	643.975	649.975	655.975	661.975	667.975	673.975	679.975	685.975
Ch 14	650.075	656.075	662.075	668.075	674.075	680.075	686.075	692.075
Ch 15	650.575	656.575	662.575	668.575	674.575	680.575	686.575	692.575
Ch 16	650.925	656.925	662.925	668.925	674.925	680.925	686.925	692.925
Ch 17	651.350	657.350	663.350	669.350	675.350	681.350	687.350	693.350
Ch 18	651.875	657.875	663.875	669.875	675.875	681.875	687.875	693.875
Ch 19	652.250	658.250	664.250	670.250	676.250	682.250	688.250	694.250
Ch 20	652.700	658.700	664.700	670.700	676.700	682.700	688.700	694.700
Ch 21	653.075	659.075	665.075	671.075	677.075	683.075	689.075	695.075
Ch 22	653.825	659.825	665.825	671.825	677.825	683.825	689.825	695.825
Ch 23	654.200	660.200	666.200	672.200	678.200	684.200	690.200	
Ch 24	654.725	660.725	666.725	672.725	678.725	684.725	690.725	
Ch 25	655.150	661.150	667.150	673.150	679.150	685.150	691.150	
Ch 26	655.500	661.500	667.500	673.500	679.500	685.500	691.500	
Ch 27	655.975	661.975	667.975	673.975	679.975	685.975	691.975	

FREQUENCY BAND L51 (632–696 MHz)

Channel	Group 1	Group 2	Group 3
GROUP LOGIC	Full Range max. # of com- patible frequen- cies 470-534 MHz (option 1)	Full Range max. # of com- patible frequen- cies 470-534 MHz (option 2)	Full Range max. # of com- patible frequen- cies 470-534 MHz (option 3)
Ch 1	632.700	632.500	632.775
Ch 2	633.175	633.325	633.200
Ch 3	634.150	633.925	633.550
Ch 4	634.650	634.775	634.025
Ch 5	635.300	636.500	635.375
Ch 6	636.200	637.175	636.275
Ch 7	636.700	637.700	636.800
Ch 8	637.575	638.300	637.450
Ch 9	638.600	638.800	638.875
Ch 10	639.050	639.225	639.275
Ch 11	640.000	639.750	640.150
Ch 12	641.300	640.925	640.575
Ch 13	642.150	641.650	641.625
Ch 14	643.725	642.225	642.525
Ch 15	644.425	643.125	643.000
Ch 16	644.800	644.875	643.625
Ch 17	645.575	645.775	644.625
Ch 18	646.225	646.400	645.175
Ch 19	646.600	646.875	645.975
Ch 20	647.150	647.850	646.525
Ch 21	647.775	648.350	646.875
Ch 22	649.725	649.575	647.425
Ch 23	650.475	650.375	648.175
Ch 24	650.875	650.725	649.025
Ch 25	651.375	652.200	649.575
Ch 26	651.750	652.650	650.850
Ch 27	652.375	653.175	651.300
Ch 28	653.100	655.350	651.650
Ch 29	654.050	656.200	652.200
Ch 30	654.525	657.825	654.625
Ch 31	656.825	659.675	655.450
Ch 32	657.500	660.700	657.750
Ch 33	659.525	665.050	659.975
Ch 34	665.475	666.275	663.025

Channel	Group 1	Group 2	Group 3
GROUP LOGIC	Full Range max. # of com- patible frequen- cies 470-534 MHz (option 1)	Full Range max. # of com- patible frequen- cies 470-534 MHz (option 2)	Full Range max. # of com- patible frequen- cies 470-534 MHz (option 3)
Ch 35	669.150	668.325	666.875
Ch 36	671.725	671.250	668.775
Ch 37	672.275	672.175	669.650
Ch 38	672.700	673.325	672.900
Ch 39	673.225	673.775	673.325
Ch 40	673.875	675.075	675.825
Ch 41	674.825	675.475	676.550
Ch 42	676.175	676.700	677.200
Ch 43	676.575	677.800	678.450
Ch 44	677.050	678.625	678.850
Ch 45	677.650	679.000	679.450
Ch 46	678.050	679.525	679.950
Ch 47	678.925	679.975	680.775
Ch 48	679.350	680.800	681.250
Ch 49	681.750	681.500	681.800
Ch 50	682.450	681.925	682.625
Ch 51	682.950	682.750	683.275
Ch 52	683.300	684.975	683.750
Ch 53	684.475	685.350	685.225
Ch 54	685.300	686.400	686.150
Ch 55	685.725	687.350	687.450
Ch 56	686.275	688.575	688.300
Ch 57	686.725	689.575	689.500
Ch 58	687.525	690.150	689.925
Ch 59	687.975	690.650	690.600
Ch 60	689.075	691.050	691.450
Ch 61	689.475	691.525	692.200
Ch 62	689.950	691.875	692.625
Ch 63	690.725	693.400	693.525
Ch 64	691.600	694.075	694.300
Ch 65	693.100	694.550	695.175
Ch 66	695.000	695.450	695.525
Ch 67	695.900	695.825	

FREQUENCY BAND L51 (632–696 MHz) Continued

Channel	Group 4	Group 5	Group 6	Group 7	Group 8	Group 9	Group 10	Group 11
GROUP LOGIC	41	42	43	44	45	46	47	48
Ch 1	632.200	640.200	648.200	656.200	664.200	672.200	680.200	688.200
Ch 2	632.625	640.625	648.625	656.625	664.625	672.625	680.625	688.625
Ch 3	632.975	640.975	648.975	656.975	664.975	672.975	680.975	688.975
Ch 4	633.625	641.625	649.625	657.625	665.625	673.625	681.625	689.625
Ch 5	633.975	641.975	649.975	657.975	665.975	673.975	681.975	689.975
Ch 6	634.550	642.550	650.550	658.550	666.550	674.550	682.550	690.550
Ch 7	634.900	642.900	650.900	658.900	666.900	674.900	682.900	690.900
Ch 8	635.575	643.575	651.575	659.575	667.575	675.575	683.575	691.575
Ch 9	635.925	643.925	651.925	659.925	667.925	675.925	683.925	691.925
Ch 10	636.375	644.375	652.375	660.375	668.375	676.375	684.375	692.375
Ch 11	637.075	645.075	653.075	661.075	669.075	677.075	685.075	693.075
Ch 12	637.450	645.450	653.450	661.450	669.450	677.450	685.450	693.450
Ch 13	638.000	646.000	654.000	662.000	670.000	678.000	686.000	694.000
Ch 14	638.350	646.350	654.350	662.350	670.350	678.350	686.350	694.350
Ch 15	639.050	647.050	655.050	663.050	671.050	679.050	687.050	695.050
Ch 16	639.525	647.525	655.525	663.525	671.525	679.525	687.525	695.525
Ch 17	639.875	647.875	655.875	663.875	671.875	679.875	687.875	695.875

FREQUENCY BAND P51 (710–782 MHz)

Channel	Group 1	Group 2	Group 3
GROUP LOGIC	Full Range max. # of com- patible frequen- cies 710-782 MHz (option 1)	Full Range max. # of com- patible frequen- cies 710-782 MHz (option 2)	Full Range max. # of com- patible frequen- cies 710-782 MHz (option 3)
Ch 1	710.200	710.150	710.100
Ch 2	710.725	710.575	710.525
Ch 3	711.100	711.100	710.875
Ch 4	711.825	711.700	711.350
Ch 5	712.250	712.675	712.375
Ch 6	713.550	713.025	713.275
Ch 7	714.750	713.800	713.975
Ch 8	715.625	714.650	714.525
Ch 9	716.200	715.100	715.325
Ch 10	716.650	716.775	715.850
Ch 11	717.575	717.375	716.225
Ch 12	719.200	718.650	716.775
Ch 13	720.000	719.325	717.575
Ch 14	720.700	721.650	718.075
Ch 15	721.900	722.900	718.725
Ch 16	722.650	723.750	719.100
Ch 17	723.000	724.925	720.950
Ch 18	723.475	725.400	721.300
Ch 19	725.375	726.400	721.775
Ch 20	727.525	727.475	723.300
Ch 21	727.925	728.325	723.950
Ch 22	728.550	728.725	724.700
Ch 23	728.975	729.375	726.450
Ch 24	730.125	730.800	727.125
Ch 25	731.100	731.400	728.725
Ch 26	731.475	731.800	729.250
Ch 27	733.825	732.975	730.825
Ch 28	734.800	734.300	733.100
Ch 29	736.475	736.475	734.000
Ch 30	737.025	738.300	735.975
Ch 31	737.700	738.900	736.400
Ch 32	739.000	739.625	739.000
Ch 33	739.350	740.825	739.550
Ch 34	739.800	741.450	740.200
Ch 35	741.225	742.500	741.050

Channel	Group 1	Group 2	Group 3
GROUP LOGIC	Full Range max. # of com- patible frequen- cies 710-782 MHz (option 1)	Full Range max. # of com- patible frequen- cies 710-782 MHz (option 2)	Full Range max. # of com- patible frequen- cies 710-782 MHz (option 3)
Ch 36	741.975	750.775	745.925
Ch 37	745.200	752.750	746.500
Ch 38	747.150	753.100	748.200
Ch 39	748.775	754.450	749.675
Ch 40	749.875	755.050	752.450
Ch 41	751.600	756.000	753.050
Ch 42	753.200	756.425	753.550
Ch 43	755.150	757.425	754.575
Ch 44	755.925	758.200	755.525
Ch 45	757.525	758.675	756.325
Ch 46	757.925	760.525	757.200
Ch 47	759.675	761.150	759.350
Ch 48	760.050	762.575	760.700
Ch 49	760.875	763.075	761.600
Ch 50	763.650	764.475	763.550
Ch 51	764.050	765.200	763.925
Ch 52	764.575	765.775	764.375
Ch 53	765.650	766.800	764.925
Ch 54	767.150	768.875	765.725
Ch 55	767.500	769.425	768.750
Ch 56	768.150	770.825	770.375
Ch 57	770.325	771.625	770.975
Ch 58	771.075	772.625	771.375
Ch 59	771.475	773.475	773.450
Ch 60	771.950	774.200	774.400
Ch 61	773.675	775.050	776.600
Ch 62	774.475	775.675	776.950
Ch 63	775.175	776.700	777.500
Ch 64	775.575	777.400	778.250
Ch 65	777.175	778.875	778.725
Ch 66	777.950	779.375	779.400
Ch 67	778.975	780.425	779.825
Ch 68	779.475	780.975	780.725
Ch 69	780.450	781.675	781.475
Ch 70	781.550		

FREQUENCY BAND P51 (710–782 MHz) Continued

Channel	Group 4	Group 5	Group 6	Group 7	Group 8	Group 9
GROUP LOGIC	Belgium preferred: TV ch. 51+54 710-718 MHz + 734-742 MHz (option 1)	Belgium preferred: TV ch. 51+54 710-718 MHz + 734-742 MHz (option 2)	Belgium preferred: TV ch. 52+53 718-734 MHz (option 1)	Belgium preferred: TV ch. 52+53 718-734 MHz (option 2)	TV channel 51 optimized 710-718 MHz	TV channel 52 optimized 718-726 MHz
Ch 1	710.150	710.050	718.050	718.325	710.200	718.200
Ch 2	710.500	710.425	718.700	718.675	710.625	718.625
Ch 3	711.250	711.125	719.475	719.200	710.975	718.975
Ch 4	711.625	711.600	719.825	719.550	711.625	719.625
Ch 5	712.075	711.950	720.375	720.000	711.975	719.975
Ch 6	712.425	712.500	720.725	720.650	712.550	720.550
Ch 7	713.425	712.850	721.175	721.125	712.900	720.900
Ch 8	713.775	713.275	721.850	721.525	713.575	721.575
Ch 9	714.200	713.625	722.300	722.325	713.925	721.925
Ch 10	714.875	714.475	723.175	722.800	714.375	722.375
Ch 11	715.300	715.125	723.800	723.350	715.075	723.075
Ch 12	715.825	715.500	724.150	723.700	715.450	723.450
Ch 13	716.175	715.975	724.575	724.150	716.000	724.000
Ch 14	716.600	716.325	725.550	724.825	716.350	724.350
Ch 15	716.950	717.075	726.350	725.250	717.050	725.050
Ch 16	717.575	717.600	727.050	725.775	717.525	725.525
Ch 17	717.975	717.950	727.400	726.200	717.875	725.875
Ch 18	734.225	734.025	728.200	726.550		
Ch 19	734.725	734.575	728.700	727.950		
Ch 20	735.100	735.050	729.450	728.850		
Ch 21	735.550	735.400	729.800	729.475		
Ch 22	736.100	735.925	730.550	730.225		
Ch 23	736.475	736.300	731.200	730.575		
Ch 24	737.025	736.875	731.725	731.400		
Ch 25	737.700	737.375	732.100	732.100		
Ch 26	738.125	737.725	732.700	732.650		
Ch 27	738.625	738.250	733.125	733.000		
Ch 28	739.050	739.025	733.475	733.450		
Ch 29	739.700	739.425	733.925	733.825		
Ch 30	740.075	739.925				
Ch 31	740.575	740.500				
Ch 32	740.925	740.975				
Ch 33	741.375	741.325				
Ch 34	741.925	741.825				

FREQUENCY BAND P51 (710–782 MHz) Continued

Channel	Group 10	Group 11	Group 12	Group 13	Group 14	Group 15	Group 16
GROUP LOGIC	TV channel 53 optimized 726-734 MHz	TV channel 54 optimized 734-742 MHz	TV channel 55 optimized 742-750 MHz	TV channel 56 optimized 750-758 MHz	TV channel 57 optimized 758-766 MHz	TV channel 58 optimized 766-774 MHz	TV channel 59 optimized 774-782 MHz
Ch 1	726.200	734.200	742.200	750.200	758.200	766.200	774.200
Ch 2	726.625	734.625	742.625	750.625	758.625	766.625	774.625
Ch 3	726.975	734.975	742.975	750.975	758.975	766.975	774.975
Ch 4	727.625	735.625	743.625	751.625	759.625	767.625	775.625
Ch 5	727.975	735.975	743.975	751.975	759.975	767.975	775.975
Ch 6	728.550	736.550	744.550	752.550	760.550	768.550	776.550
Ch 7	728.900	736.900	744.900	752.900	760.900	768.900	776.900
Ch 8	729.575	737.575	745.575	753.575	761.575	769.575	777.575
Ch 9	729.925	737.925	745.925	753.925	761.925	769.925	777.925
Ch 10	730.375	738.375	746.375	754.375	762.375	770.375	778.375
Ch 11	731.075	739.075	747.075	755.075	763.075	771.075	779.075
Ch 12	731.450	739.450	747.450	755.450	763.450	771.450	779.450
Ch 13	732.000	740.000	748.000	756.000	764.000	772.000	780.000
Ch 14	732.350	740.350	748.350	756.350	764.350	772.350	780.350
Ch 15	733.050	741.050	749.050	757.050	765.050	773.050	781.050
Ch 16	733.525	741.525	749.525	757.525	765.525	773.525	781.525
Ch 17	733.875	741.875	749.875	757.875	765.875	773.875	781.875

FREQUENCY BAND R51 (800–810 MHz)

Channel	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7	Group 8
GROUP LOGIC	Full Range max. # of compatible frequencies (robust parameters) 800-810 MHz (option 1)	Full Range max. # of compatible frequencies (robust parameters) 800-810 MHz (option 2)	Full Range max. # of compatible frequencies (robust parameters) 800-810 MHz (option 3)	Full Range max. # of compatible frequencies (robust parameters) 800-810 MHz (option 4)	Full Range max. # of compatible frequencies (standard parameters) 800-810 MHz (option 1)	Full Range max. # of compatible frequencies (standard parameters) 800-810 MHz (option 2)	Full Range max. # of compatible frequencies (standard parameters) 800-810 MHz (option 3)	Full Range max. # of compatible frequencies (standard parameters) 800-810 MHz (option 4)
Ch 1	800.175	800.250	800.300	800.200	800.250	800.250	800.275	800.300
Ch 2	800.600	800.625	800.750	800.625	800.650	800.725	800.700	800.700
Ch 3	801.225	801.275	801.575	801.250	801.150	801.125	801.300	801.200
Ch 4	801.575	802.450	803.075	801.600	801.500	801.625	801.750	801.550
Ch 5	802.125	802.975	804.000	802.150	801.975	802.250	802.125	802.025
Ch 6	803.475	803.350	804.750	803.500	802.525	802.675	802.675	802.575
Ch 7	803.925	804.500	805.200	803.950	802.925	803.275	803.025	802.975
Ch 8	804.675	805.125	806.025	804.700	803.800	803.625	803.450	803.850
Ch 9	805.575	806.225	806.600	805.600	804.225	804.150	804.125	804.275
Ch 10	806.050	806.700	807.500	806.075	804.950	804.800	804.575	805.000
Ch 11	806.925	807.550	808.200	806.950	805.350	805.200	804.950	805.400
Ch 12	807.975	808.125	808.600	808.000	805.850	805.750	805.500	805.900
Ch 13	808.425	808.550	809.475	808.450	806.200	806.450	805.950	806.250
Ch 14	809.350	809.250	809.950	809.375	806.650	806.850	806.725	806.700
Ch 15	809.750	809.800		809.775	807.225	807.450	807.150	807.275
Ch 16					807.700	807.800	807.675	807.750
Ch 17					808.050	808.300	808.050	808.100
Ch 18					808.475	808.650	808.700	808.525
Ch 19					809.000	809.075	809.125	809.050
Ch 20					809.350	809.425	809.475	809.400
Ch 21					809.800	809.950	809.925	809.850

FREQUENCY BAND JA (770.250–805.750 MHz)

Channel	Group A1	Group A2	Group A3	Group A4	Group AO	Group AE
Group Logic	A 1-4	A 1-4	A 1-4	A 1-4	"A1 + A3 (Odd # A bands)"	A2 + A4 (Even # A bands)
Ch 1	770.250	770.500	770.500	770.500	770.500	779.125
Ch 2	771.000	771.500	770.875	771.000	770.875	779.875
Ch 3	771.500	772.000	771.375	771.250	772.000	780.375
Ch 4	771.875	772.375	772.125	771.875	772.375	780.750
Ch 5	772.375	773.375	772.625	772.625	773.000	781.250
Ch 6	773.000	773.875	773.625	773.000	773.750	781.875
Ch 7	774.375	774.625	775.625	773.625	774.125	782.250
Ch 8	774.750	775.125	776.125	773.875	774.625	782.875
Ch 9	775.625	776.000	777.125	774.375	775.375	784.000
Ch 10	776.125	777.000	777.375	775.250	776.000	784.375
Ch 11	776.750	777.625	778.000	776.375	776.750	784.875
Ch 12	779.000	778.375	778.500	777.000	777.125	786.375
Ch 13	779.625	779.000	778.750	777.375	777.625	787.125
Ch 14	780.000	779.500	779.375	778.000	778.625	788.250
Ch 15	781.750	779.875	779.750	779.375	779.125	788.625
Ch 16	782.750	780.875	782.000	780.250	780.875	789.125
Ch 17	783.375	781.750	782.250	780.500	781.625	790.375
Ch 18	784.750	782.375	783.250	782.625	782.000	790.750
Ch 19	785.375	785.375	784.000	786.250	782.750	791.250
Ch 20	786.375	786.875	790.125	788.125	784.000	793.125
Ch 21	788.625	788.125	792.000	791.500	785.500	794.125
Ch 22	789.625	789.125	792.750	792.125	786.625	794.500
Ch 23	790.125	790.750	793.000	792.500	787.500	795.625
Ch 24	791.500	791.875	793.375	793.000	788.500	796.250
Ch 25	792.625	794.375	794.250	793.750	789.625	797.250
Ch 26	793.000	794.875	794.625	794.375	790.625	799.000
Ch 27	793.500	795.250	795.250	795.625	791.125	799.750
Ch 28	795.000	796.000	796.750	795.875	792.125	800.125
Ch 29	795.375	796.625	797.375	796.500	792.875	801.000
Ch 30	796.125	797.000	797.625	797.000	793.250	802.000
Ch 31	798.625	797.500	798.125	799.000	794.000	802.500
Ch 32	799.000	798.125	798.750	800.125	794.500	803.125
Ch 33	799.500	798.500	799.000	800.750	794.875	803.625
Ch 34	800.125	799.375	799.750	801.125	795.500	804.500
Ch 35	801.000	800.500	800.250	801.750	796.250	805.125
Ch 36	801.500	800.875	801.125	802.250	796.625	805.625
Ch 37	802.375	801.500	802.625	803.000		
Ch 38	802.750	803.000	803.000	803.500		
Ch 39	803.875	803.750	803.625	803.875		
Ch 40	804.750	804.625	803.875	804.125		
Ch 41	805.125	805.250	804.375	805.125		
Ch 42		805.625	805.375	805.375		
Ch 43			805.625			

FREQUENCY BAND JA (770.250–805.750 MHz) Continued

Channel	Group C1	Group C2	Group C3	Group C4	Group C5	Group C6	Group C7	Group C8	Group C9
Group Logic	"(Compatible with PSM900/1000 Group 2B): A4"	"(Compatible with PSM900/1000 Group 2B) A1 + A3 + A4 "	"(Compatible with PSM900/1000 Group A2): A4 "	"(Compatible with PSM900/1000 Group A2) A1 + A3 + A4 "	"(Compatible with PSM900/1000 Group A4) A1 + A2 + A3 "	A1 + A3	A1 + A3	A1-4	A1-4
Ch 1	796.625	770.625	798.125	770.250	770.500	770.375	770.500	770.250	770.250
Ch 2	797.250	771.000	798.750	770.625	771.125	770.750	771.000	770.625	771.000
Ch 3	797.625	771.500	799.250	772.000	771.500	771.625	771.375	771.250	771.875
Ch 4	798.250	771.875	799.625	798.875	772.375	772.000	772.000	771.750	772.375
Ch 5	798.750	772.500	800.125	799.375	772.750	772.750	773.125	772.125	773.000
Ch 6	799.125	772.875	800.875	800.125	774.125	773.375	773.625	772.625	773.375
Ch 7	799.625	773.375	801.375	800.500	774.500	773.750	774.500	773.375	774.625
Ch 8	800.375	774.500	802.000	801.125	775.125	774.500	775.125	773.750	775.375
Ch 9	801.250	797.375	802.375	801.875	775.625	775.000	776.000	774.750	776.625
Ch 10	801.750	797.875	802.875	802.250	776.000	775.375	776.500	776.000	777.625
Ch 11	802.375	798.250	804.125	803.125	776.500	776.500	777.250	776.375	778.125
Ch 12	802.750	799.000	804.500	803.500	777.250	776.875	777.750	777.625	778.750
Ch 13	803.625	799.375	805.000	804.125	777.625	779.000	779.125	778.500	779.125
Ch 14	804.000	799.875	805.750	804.625	778.250	779.500	781.125	779.500	780.000
Ch 15	804.625	800.250		805.000	779.000	780.125	783.375	780.000	780.375
Ch 16	805.000	801.250		805.500	779.500	780.500	783.875	780.375	781.125
Ch 17	805.750	801.750			779.875	781.625	784.750	780.875	781.500
Ch 18		802.500			781.250	782.375	785.500	781.625	784.000
Ch 19		802.875			781.625	783.250	785.875	783.375	784.750
Ch 20		803.875			782.250	784.750	786.375	785.500	785.750
Ch 21		804.375			782.750	785.500	786.750	791.375	786.250
Ch 22		805.000			783.125	785.875	787.500	793.250	790.250
Ch 23		805.375			783.625	786.625	788.125	793.750	793.125
Ch 24						788.000	788.500	794.375	795.125
Ch 25						788.875	789.250	794.875	795.500
Ch 26						789.250	792.000	795.250	796.250
Ch 27						790.375	792.750	795.875	796.625
Ch 28						790.750	793.375	796.375	797.500
Ch 29						791.750	794.250	797.125	798.000
Ch 30						792.375	794.875	797.750	798.875
Ch 31						793.375	795.625	798.125	801.000
Ch 32						793.875	796.125	798.625	801.625
Ch 33						794.750	796.875	800.000	802.000
Ch 34						795.125		802.125	802.750
Ch 35						796.250		802.625	803.375
Ch 36						796.625		803.375	803.750
Ch 37								803.750	804.250
Ch 38								804.375	804.875
Ch 39								805.500	805.625

FREQUENCY BAND AB (770–810 MHz)

Channel	Group A1	Group A2	Group A3	Group A4	Group AO	Group AE
Group Logic	A 1-4	A 1-4	A 1-4	A 1-4	"A1 + A3 (Odd # A bands)"	A2 + A4 (Even # A bands)
Ch 1	770.250	770.500	770.500	770.500	770.500	779.125
Ch 2	771.000	771.500	770.875	771.000	770.875	779.875
Ch 3	771.500	772.000	771.375	771.250	772.000	780.375
Ch 4	771.875	772.375	772.125	771.875	772.375	780.750
Ch 5	772.375	773.375	772.625	772.625	773.000	781.250
Ch 6	773.000	773.875	773.625	773.000	773.750	781.875
Ch 7	774.375	774.625	775.625	773.625	774.125	782.250
Ch 8	774.750	775.125	776.125	773.875	774.625	782.875
Ch 9	775.625	776.000	777.125	774.375	775.375	784.000
Ch 10	776.125	777.000	777.375	775.250	776.000	784.375
Ch 11	776.750	777.625	778.000	776.375	776.750	784.875
Ch 12	779.000	778.375	778.500	777.000	777.125	786.375
Ch 13	779.625	779.000	778.750	777.375	777.625	787.125
Ch 14	780.000	779.500	779.375	778.000	778.625	788.250
Ch 15	781.750	779.875	779.750	779.375	779.125	788.625
Ch 16	782.750	780.875	782.000	780.250	780.875	789.125
Ch 17	783.375	781.750	782.250	780.500	781.625	790.375
Ch 18	784.750	782.375	783.250	782.625	782.000	790.750
Ch 19	785.375	785.375	784.000	786.250	782.750	791.250
Ch 20	786.375	786.875	790.125	788.125	784.000	793.125
Ch 21	788.625	788.125	792.000	791.500	785.500	794.125
Ch 22	789.625	789.125	792.750	792.125	786.625	794.500
Ch 23	790.125	790.750	793.000	792.500	787.500	795.625
Ch 24	791.500	791.875	793.375	793.000	788.500	796.250
Ch 25	792.625	794.375	794.250	793.750	789.625	797.250
Ch 26	793.000	794.875	794.625	794.375	790.625	799.000
Ch 27	793.500	795.250	795.250	795.625	791.125	799.750
Ch 28	795.000	796.000	796.750	795.875	792.125	800.125
Ch 29	795.375	796.625	797.375	796.500	792.875	801.000
Ch 30	796.125	797.000	797.625	797.000	793.250	802.000
Ch 31	798.625	797.500	798.125	799.000	794.000	802.500
Ch 32	799.000	798.125	798.750	800.125	794.500	803.125
Ch 33	799.500	798.500	799.000	800.750	794.875	803.625
Ch 34	800.125	799.375	799.750	801.125	795.500	804.500
Ch 35	801.000	800.500	800.250	801.750	796.250	805.125
Ch 36	801.500	800.875	801.125	802.250	796.625	805.625
Ch 37	802.375	801.500	802.625	803.000		
Ch 38	802.750	803.000	803.000	803.500		
Ch 39	803.875	803.750	803.625	803.875		
Ch 40	804.750	804.625	803.875	804.125		
Ch 41	805.125	805.250	804.375	805.125		
Ch 42		805.625	805.375	805.375		
Ch 43			805.625			

FREQUENCY BAND AB (770–810 MHz) Continued

Channel	Group C1	Group C2	Group C3	Group C4	Group C5	Group C6	Group C7	Group C8	Group C9
Group Logic	(Compatible with PSM900/1000 Group 2B): A4 + B	(Compatible with PSM900/1000 Group 2B) A1 + A3 + A4 + B	(Compatible with PSM900/1000 Group A2): A4 + B	(Compatible with PSM900/1000 Group A2) A1 + A3 + A4 + B	(Compatible with PSM900/1000 Group A4) A1 + A2 + A3 + B	A1 + A3 + B	A1 + A3 + B	A1-4 + B	A1-4 + B
Ch 1	796.625	770.625	798.125	770.250	770.500	770.375	770.500	770.250	770.250
Ch 2	797.250	771.000	798.750	770.625	771.125	770.750	771.000	770.625	771.000
Ch 3	797.625	771.500	799.250	772.000	771.500	771.625	771.375	771.250	771.875
Ch 4	798.250	771.875	799.625	798.875	772.375	772.000	772.000	771.750	772.375
Ch 5	798.750	772.500	800.125	799.375	772.750	772.750	773.125	772.125	773.000
Ch 6	799.125	772.875	800.875	800.125	774.125	773.375	773.625	772.625	773.375
Ch 7	799.625	773.375	801.375	800.500	774.500	773.750	774.500	773.375	774.625
Ch 8	800.375	774.500	802.000	801.125	775.125	774.500	775.125	773.750	775.375
Ch 9	801.250	797.375	802.375	801.875	775.625	775.000	776.000	774.750	776.625
Ch 10	801.750	797.875	802.875	802.250	776.000	775.375	776.500	776.000	777.625
Ch 11	802.375	798.250	804.125	803.125	776.500	776.500	777.250	776.375	778.125
Ch 12	802.750	799.000	804.500	803.500	777.250	776.875	777.750	777.625	778.750
Ch 13	803.625	799.375	805.000	804.125	777.625	779.000	779.125	778.500	779.125
Ch 14	804.000	799.875	805.750	804.625	778.250	779.500	781.125	779.500	780.000
Ch 15	804.625	800.250	806.375	805.000	779.000	780.125	783.375	780.000	780.375
Ch 16	805.000	801.250	806.750	805.500	779.500	780.500	783.875	780.375	781.125
Ch 17	805.750	801.750	807.250	806.250	779.875	781.625	784.750	780.875	781.500
Ch 18	806.125	802.500	807.875	806.625	781.250	782.375	785.500	781.625	784.000
Ch 19	806.625	802.875	808.375	807.250	781.625	783.250	785.875	783.375	784.750
Ch 20	807.000	803.875	809.625	808.000	782.250	784.750	786.375	785.500	785.750
Ch 21	807.750	804.375		808.500	782.750	785.500	786.750	791.375	786.250
Ch 22		805.000		809.250	783.125	785.875	787.500	793.250	790.250
Ch 23		805.375		809.625	783.625	786.625	788.125	793.750	793.125
Ch 24		806.625				788.000	788.500	794.375	795.125
Ch 25		807.250				788.875	789.250	794.875	795.500
Ch 26		807.750				789.250	792.000	795.250	796.250
Ch 27		808.125				790.375	792.750	795.875	796.625
Ch 28		808.625				790.750	793.375	796.375	797.500
Ch 29		809.250				791.750	794.250	797.125	798.000
Ch 30						792.375	794.875	797.750	798.875
Ch 31						793.375	795.625	798.125	801.000
Ch 32						793.875	796.125	798.625	801.625
Ch 33						794.750	796.875	800.000	802.000
Ch 34						795.125	806.125	802.125	802.750
Ch 35						796.250	806.875	802.625	803.375
Ch 36						796.625	807.250	803.375	803.750
Ch 37						806.375	808.125	803.750	804.250
Ch 38						806.750	808.500	804.375	804.875
Ch 39						807.500	809.250	805.500	805.625
Ch 40						808.375	809.625	806.875	806.125
Ch 41						808.875		807.375	807.250
Ch 42						809.625		807.750	807.625
Ch 43								808.500	808.250
Ch 44								809.125	809.000
Ch 45								809.500	809.375

FREQUENCY BAND AB (770–810 MHz) Continued

Channel	Group B1	Group B2	Group B3	Group B4	Group B5	Group B6
Group Logic	B	B	B	B	B	B
Ch 1	806.125	806.250	806.375	806.125	806.125	806.125
Ch 2	806.875	806.750	806.750	806.500	806.500	806.500
Ch 3	807.250	807.750	807.250	807.000	807.000	806.875
Ch 4	808.125	808.250	807.625	807.375	807.375	807.250
Ch 5	808.750	809.000	808.375	808.000	807.750	807.625
Ch 6	809.625	809.500	808.750	808.750	808.125	808.000
Ch 7			809.250	809.125	808.500	808.500
Ch 8			809.625	809.625	808.875	808.875
Ch 9					809.250	809.250
Ch 10					809.625	809.625

FREQUENCY BAND JB (806–810 MHz)

Channel	Group B1	Group B2	Group B3	Group B4	Group B5	Group B6
Group Logic	B	B	B	B	B	B
Ch 1	806.125	806.250	806.375	806.125	806.125	806.125
Ch 2	806.875	806.750	806.750	806.500	806.500	806.500
Ch 3	807.250	807.750	807.250	807.000	807.000	806.875
Ch 4	808.125	808.250	807.625	807.375	807.375	807.250
Ch 5	808.750	809.000	808.375	808.000	807.750	807.625
Ch 6	809.625	809.500	808.750	808.750	808.125	808.000
Ch 7			809.250	809.125	808.500	808.500
Ch 8			809.625	809.625	808.875	808.875
Ch 9					809.250	809.250
Ch 10					809.625	809.625

FREQUENCY BAND Q51 (794–806 MHz)

Channel	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7	Group 8
GROUP LOGIC	Full Spectrum Robust	Full Spectrum Robust	Full Spectrum Robust	Full Spectrum Robust	Full Spectrum Standard	Full Spectrum Standard	Full Spectrum Standard	Full Spectrum Standard
Ch 1	794.475	794.375	794.400	794.150	794.150	794.125	794.175	794.175
Ch 2	794.850	794.750	794.850	794.675	794.600	794.550	794.600	794.525
Ch 3	795.400	795.300	795.625	795.550	794.975	795.075	795.125	795.050
Ch 4	795.800	795.700	796.200	796.050	795.500	795.525	795.575	795.400
Ch 5	796.475	796.375	797.075	796.725	795.925	795.875	795.925	796.000
Ch 6	796.975	796.875	797.700	797.175	796.275	796.350	796.400	796.400
Ch 7	797.875	797.775	798.175	798.625	796.775	796.750	796.800	796.875
Ch 8	798.925	798.825	799.000	799.000	797.125	797.275	797.325	797.275
Ch 9	800.700	800.600	799.450	799.875	797.775	797.900	797.950	798.450
Ch 10	801.675	801.575	801.350	800.350	798.225	798.275	798.325	798.875
Ch 11	802.200	802.100	802.225	801.425	799.100	799.150	799.200	799.375
Ch 12	803.150	803.050	802.950	802.300	799.550	799.575	799.625	799.800
Ch 13	803.875	803.775	803.425	802.775	800.775	800.525	800.575	800.575
Ch 14	804.250	804.150	804.225	804.500	801.200	800.950	801.000	801.025
Ch 15	804.775	804.675	804.850	804.900	801.550	801.750	801.800	801.600
Ch 16	805.150	805.050	805.250	805.450	802.175	802.150	802.200	801.975
Ch 17	805.850	805.750	805.850	805.825	802.600	802.650	802.700	802.450
Ch 18					802.950	803.075	803.125	803.100
Ch 19					803.400	803.425	803.475	803.500
Ch 20					803.925	803.850	803.900	804.075
Ch 21					804.275	804.525	804.575	804.425
Ch 22					805.025	804.875	804.925	804.900
Ch 23					805.475	805.400	805.450	805.250
Ch 24					805.850	805.825	805.875	805.825

FREQUENCY BAND X50 (925–932 MHz)

Channel	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7	Group 8	Group 9
Group Logic									
1	925.425	925.175	925.3	925.125	925.125	925.225	925.125	925.15	925.125
2	925.8	925.675	925.825	925.675	925.475	925.575	925.5	925.575	925.5
3	926.325	926.025	926.2	926.025	925.9	926	925.95	925.925	925.875
4	926.7	926.6	926.925	926.55	926.45	926.35	926.3	926.425	926.275
5	927.4	927.325	927.85	927.275	926.825	926.9	926.85	926.775	926.65
6	927.8	928.25	928.225	927.725	927.275	927.25	927.2	927.2	927.025
7	928.75	929.325	929.025	928.35	927.65	928	927.625	927.775	927.475
8	929.55	929.675	929.675	929.275	928.4	928.375	927.975	928.15	927.925
9	929.95	930.25	930.05	929.975	928.75	928.825	928.675	928.65	928.3
10	930.625	930.675	930.775	930.475	929.275	929.425	929.025	929	928.675
11	930.975	931.5	931.35	931.425	929.625	929.775	929.525	929.425	929.15
12	931.5	931.85	931.7	931.825	930.05	930.2	929.875	929.775	929.5
13	931.85				930.6	930.55	930.3	930.3	929.85
14					930.975	931.05	930.65	931	930.225
15					931.425	931.4	931.3	931.475	930.675
16					931.8	931.825	931.675	931.85	931.025
17									931.4
18									931.75

ULXD SYSTEM COMPATIBILITY GUIDE FOR FREQUENCY BAND X51 (925 - 937.5 MHz)

CHANNEL	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7	Group 8	Group 9	Group 10	Group 11
	Full Spectrum	Full Spectrum	Full Spectrum	Full Spectrum	Full Spectrum	Full Spectrum	Full Spectrum	Full Spectrum	Full Spectrum	Full Spectrum	Full Spectrum
1	925.425	925.175	925.300	925.125	925.125	925.225	925.125	925.150	925.125	925.125	925.125
2	925.800	925.675	925.825	925.675	925.475	925.575	925.500	925.575	925.500	925.525	925.575
3	926.325	926.025	926.200	926.025	925.900	926.000	925.950	925.925	925.875	926.175	925.950
4	926.700	926.600	926.925	926.550	926.450	926.350	926.300	926.425	926.275	926.725	926.425
5	927.400	927.325	927.850	927.275	926.825	926.900	926.850	926.775	926.650	927.150	927.150
6	927.800	928.250	928.225	927.725	927.275	927.250	927.200	927.200	927.025	927.650	927.550
7	928.750	929.325	929.025	928.350	927.650	928.000	927.625	927.775	927.475	928.250	928.025
8	929.550	929.675	929.675	929.275	928.400	928.375	927.975	928.150	927.925	928.700	928.425
9	929.950	930.250	930.050	929.975	928.750	928.825	928.675	928.650	928.300	929.475	929.050
10	930.625	930.675	930.775	930.475	929.275	929.425	929.025	929.000	928.675	929.900	929.400
11	930.975	931.500	931.350	931.425	929.625	929.775	929.525	929.425	929.150	930.425	930.225
12	931.500	931.850	931.700	931.825	930.050	930.200	929.875	929.775	929.500	930.875	930.625
13	931.850	927.750	927.350	932.450	930.600	930.550	930.300	930.300	929.850	931.475	931.175
14	932.275	928.825	932.150	932.950	930.975	931.050	930.650	931.000	930.225	931.975	931.525
15	932.950	932.825	932.875	933.325	931.425	931.400	931.300	931.475	930.675	932.350	932.275
16	933.375	933.250	933.450	933.825	931.800	931.825	931.675	931.850	931.025	932.875	932.725
17	934.325	934.100	934.125	934.625	933.850	932.925	932.475	934.050	931.400	933.300	933.100
18	934.750	934.550	934.550	935.025	934.550	934.550	932.825	934.550	931.750	933.950	933.575
19	935.100	935.150	935.100	935.500	935.050	934.925	934.175	934.900	933.575	934.350	934.200
20	935.525	936.100	935.450	936.100	935.425	935.375	934.775	935.325	934.425	934.950	935.400
21	936.050	936.500	935.900	936.475	936.175	935.725	935.175	935.675	935.950	935.475	935.800
22	936.450	936.975	936.625	936.925	936.625	936.325	935.650	936.350	936.300	936.075	936.325
23	937.075	937.325	937.125	937.275	937.225	936.675	936.400	936.700	937.000	936.525	936.700
24						937.125	936.875	937.175		936.875	937.325
25							937.250			937.300	

FREQUENCIES FOR EUROPEAN COUNTRIES

	Country Code Code de Pays Codice di paese Código de país Länder-Kürzel	Frequency Range Gamme de fré- quences Gamme di fre- quenza Gama de frecuen- cias Frequenzbereich
QLXD-G51 470 - 534 MHz 1 or 10 mW	A, B, BG, CH, CY, CZ, D, DK, EST, F,	*
	FIN, GB, GR, H, HR, I, IRL, IS, L, LT,	*
	M, N, NL, P, PL RO, S, SK, SLO, TR,	*
	All other countries	*
QLXD-H51 534 - 598 MHz 1 or 10 mW	A, B, BG, CH, CY, CZ, D, DK, EST, F,	*
	FIN, GB, GR, H, HR, I, IRL, IS, L, LT,	*
	M, N, NL, P, PL RO, S, SK, SLO, TR,	*
	All other countries	*
QLXD-K51 606 - 670 MHz 1 or 10 mW	A, B, BG, CH, CY, CZ, D, DK, EST, F,	*
	FIN, GB, GR, H, HR, I, IRL, IS, L, LT,	*
	M, N, NL, P, PL RO, S, SK, SLO, TR,	*
	All other countries	*
QLXD-L52 632 - 694 MHz 1 or 10 mW	A, B, BG, CH, CY, CZ, D, DK, EST, F,	*
	FIN, GB, GR, H, HR, I, IRL, IS, L, LT,	*
	M, N, NL, P, PL RO, S, SK, SLO, TR,	*
	All other countries	*
QLXD-P51 710 - 782 MHz 1 or 10 mW	A, B, BG, CH, CY, CZ, D, DK, EST, F,	*
	FIN, GB, GR, H, HR, I, IRL, IS, L, LT,	*
	M, N, NL, P, PL RO, S, SK, SLO, TR,	*
	all other countries	*
QLXD-Q51 794 - 806 MHz 1 or 10 mW	A, B, BG, CH, CY, CZ, D, DK, EST, F,	*
	FIN, GB, GR, H, HR, I, IRL, IS, L, LT,	*
	M, N, NL, P, PL RO, S, SK, SLO, TR,	*
	All other countries	*
QLXD-S50 823 - 832 MHz 863 - 865 MHz 1 or 10 mW	D	license free
	A, B, BG, CH, CY, CZ, D, DK, EST, F,	*
	FIN, GB, GR, H, HR, I, IRL, IS, L, LT,	*
	M, N, NL, P, PL RO, S, SK, SLO, TR,	*
	863 - 865 MHz	EU: license free
all other countries	*	

Frequency Range and Transmitter Output Level

Band	Range	Max. Output Power (mW)
G50	470 to 534 MHz	1 or 10
G51	470 to 534 MHz	1 or 10
G52	479 to 534 MHz	1 or 10
H50	534 to 598 MHz	1 or 10
H51	534 to 598 MHz	1 or 10
H52	534 to 565 MHz	1 or 10
H53	534 to 598 MHz	1 or 10
H54	534 to 584 MHz	1 or 10
J50	572 to 636 MHz	1 or 10
J51	572 to 636 MHz	1 or 10
JB	806 to 810 MHz	1 or 10
K51	606 to 670 MHz	1 or 10
K52	606 to 670 MHz	1 or 10
L50	632 to 696 MHz	1 or 10
L51	632 to 696 MHz	1 or 10
L52	632 to 694 MHz	1 or 10
L53	632 to 714 MHz	1 or 10
P51	710 to 782 MHz	1 or 10
P52	710 to 782 MHz	1 or 10
Q51	794 to 806 MHz	1 or 10
S50	823 to 865 MHz	1 or 10
X51	925 to 937.5 MHz	1 or 10

* Please contact your national frequency authority to get information on the available legal frequencies and transmitter output power for your area as well as the legal use of the equipment. Additional information can be found in the user manual.

* IMPORTANT

NOTE: THIS EQUIPMENT MAY BE CAPABLE OF OPERATING ON SOME FREQUENCIES NOT AUTHORIZED IN YOUR REGION. PLEASE CONTACT YOUR NATIONAL AUTHORITY TO OBTAIN INFORMATION ON AUTHORIZED FREQUENCIES AND RF POWER LEVELS FOR WIRELESS MICROPHONE PRODUCTS IN YOUR REGION.

A ministerial license may be required to operate this equipment in certain areas. Consult your national authority for possible requirements.

* WICHTIG

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*IMPORTANT

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SHURE[®]
LEGENDARY
PERFORMANCE™

United States, Canada,
Latin America, Caribbean:
Shure Incorporated
5800 West Touhy Avenue
Niles, IL 60714-4608 USA

Phone: +1 847-600-2000
Fax: +1 847-600-1212 (USA)
Fax: +1 847-600-6446
Email: info@shure.com
www.shure.com

Europe, Middle East, Africa:
Shure Europe GmbH
Jakob-Dieffenbacher-Str. 12,
75031 Eppingen, Germany

Phone: +49-7262-92490
Fax: +49-7262-9249114
Email: info@shure.de
www.shure.eu

Asia, Pacific:
Shure Asia Limited
22/F, 625 King's Road
North Point, Island East
Hong Kong

Phone: +852-2893-4290
Fax: +852-2893-4055
Email: info@shure.com.hk
www.shureasia.com