

n26 (SCS 15 kHz) (Ant1)_H						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		166800	167300	167800
		Frequency (MHz)		834	836.5	839
20M	DFT-s-OFDM Pi/2 BPSK	1	1	24.31	24.24	24.49
		1	53	24.28	24.30	24.41
		1	104	24.05	24.29	24.30
		50	0	23.21	23.57	23.45
		50	28	24.41	24.44	24.55
		50	56	23.45	23.38	23.49
		100	0	23.66	23.65	23.57
	DFT-s-OFDM QPSK	1	1	24.37	24.31	24.42
		1	53	24.49	24.51	24.46
		1	104	24.30	24.28	24.37
		50	0	23.48	23.52	23.55
		50	28	24.60	24.52	24.58
		50	56	23.50	23.56	23.51
	DFT-s-OFDM 16QAM	1	1	23.58	23.51	23.56
		1	1	22.09	22.11	22.06
		1	1	20.15	20.18	20.08
		1	1	20.15	20.18	20.08
	DFT-s-OFDM 256QAM	1	1	20.15	20.18	20.08
1		1	20.15	20.18	20.08	
BW	MCS Index	Channel		166300	167300	168300
		Frequency (MHz)		831.5	836.5	841.5
15M	DFT-s-OFDM QPSK	1	1	23.93	24.15	24.31
BW	MCS Index	Channel		165800	167300	168800
		Frequency (MHz)		829	836.5	844
10M	DFT-s-OFDM QPSK	1	1	24.16	24.37	24.50
BW	MCS Index	Channel		165300	167300	169300
		Frequency (MHz)		826.5	836.5	846.5
5M	DFT-s-OFDM QPSK	1	1	24.22	24.18	24.37



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n38 (SCS 30 kHz) (Ant1)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		518000	519000	520000
		Frequency (MHz)		2590	2595	2600
40M	DFT-s-OFDM Pi/2 BPSK	1	1	23.42	23.38	23.43
		1	53	24.07	23.96	23.89
		1	104	23.30	23.18	23.34
		50	0	22.87	22.84	22.84
		50	28	24.03	23.96	23.97
		50	56	22.80	22.72	22.83
	DFT-s-OFDM QPSK	100	0	22.93	22.85	22.92
		1	1	23.55	23.43	23.52
		1	53	24.11	23.99	24.04
		1	104	23.43	23.30	23.42
		50	0	22.96	22.93	22.95
		50	28	24.14	24.03	24.09
	DFT-s-OFDM 16QAM	50	56	22.95	22.87	22.91
		100	0	22.99	22.95	22.94
		50	28	23.14	23.09	23.04
	DFT-s-OFDM 64QAM	50	28	21.97	21.99	21.94
		50	28	19.76	19.87	19.75
	DFT-s-OFDM 256QAM	50	28	19.76	19.87	19.75
50		28	19.76	19.87	19.75	
BW	MCS Index	Channel		517000	519000	521000
		Frequency (MHz)		2585	2595	2605
30M	DFT-s-OFDM QPSK	36	21	24.10	23.88	23.97
BW	MCS Index	Channel		516500	519000	521500
		Frequency (MHz)		2582.5	2595	2607.5
25M	DFT-s-OFDM QPSK	32	17	24.06	23.94	23.96
BW	MCS Index	Channel		516000	519000	522000
		Frequency (MHz)		2580	2595	2610
20M	DFT-s-OFDM QPSK	25	13	24.01	24.12	23.95
BW	MCS Index	Channel		515500	519000	522500
		Frequency (MHz)		2577.5	2595	2612.5



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15M	DFT-s-OFDM QPSK	18	10	24.05	24.07	23.98
BW	MCS Index	Channel		515000	519000	523000
		Frequency (MHz)		2575	2595	2615
10M	DFT-s-OFDM QPSK	12	6	24.02	23.89	24.04

n41 (SCS 30 kHz) (Ant1)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	
		Channel		509202	518598	528000	
		Frequency (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	23.14	23.09	23.11	
		1	137	23.79	23.93	23.63	
		1	271	23.12	23.09	23.18	
		135	0	22.72	22.79	22.59	
		135	69	23.84	23.98	23.77	
		135	138	22.51	22.81	22.56	
		270	0	22.62	22.87	22.61	
	DFT-s-OFDM QPSK	1	1	23.08	23.18	23.04	
		1	137	23.81	24.01	23.71	
		1	271	23.07	23.18	23.06	
		135	0	22.73	22.84	22.61	
		135	69	23.92	24.06	23.85	
		135	138	22.62	22.92	22.63	
		270	0	22.73	22.89	22.63	
	DFT-s-OFDM 16QAM	135	69	23.04	23.11	23.07	
	DFT-s-OFDM 64QAM	135	69	22.01	22.08	22.00	
	DFT-s-OFDM 256QAM	135	69	20.04	20.03	20.07	
	BW	MCS Index	Channel		508200	518598	528996
			Frequency (MHz)		2541	2592.99	2644.98
	90M	DFT-s-OFDM QPSK	120	63	23.88	23.92	23.79
	BW	MCS Index	Channel		507204	518598	529998
Frequency (MHz)			2536.02	2592.99	2649.99		
80M	DFT-s-OFDM QPSK	108	55	23.91	23.97	23.78	



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BW	MCS Index	Channel		506202	518598	531000
		Frequency (MHz)		2531.01	2592.99	2655
70M	DFT-s-OFDM QPSK	90	50	23.86	23.78	23.74
BW	MCS Index	Channel		505200	518598	531996
		Frequency (MHz)		2526	2592.99	2659.98
60M	DFT-s-OFDM QPSK	81	41	23.77	23.96	23.82
BW	MCS Index	Channel		504204	518598	532998
		Frequency (MHz)		2521.02	2592.99	2664.99
50M	DFT-s-OFDM QPSK	64	35	23.89	23.93	23.71
BW	MCS Index	Channel		503202	518598	534000
		Frequency (MHz)		2516.01	2592.99	2670
40M	DFT-s-OFDM QPSK	50	28	23.77	23.99	23.61
BW	MCS Index	Channel		502200	518598	534996
		Frequency (MHz)		2511	2592.99	2674.98
30M	DFT-s-OFDM QPSK	36	21	23.85	23.88	23.73
BW	MCS Index	Channel		501204	518598	535998
		Frequency (MHz)		2506.02	2592.99	2679.99
20M	DFT-s-OFDM QPSK	25	13	23.74	23.95	23.69
BW	MCS Index	Channel		500700	518598	536496
		Frequency (MHz)		2503.5	2592.99	2682.48
15M	DFT-s-OFDM QPSK	18	10	23.78	23.85	23.74
BW	MCS Index	Channel		500202	518598	537000
		Frequency (MHz)		2501.01	2592.99	2685
10M	DFT-s-OFDM QPSK	12	6	23.69	23.90	23.68

n66 (SCS 15 kHz) (Ant1)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	
		Channel			346000	349000	352000
		Frequency (MHz)			1730	1745	1760
40M	DFT-s-OFDM Pi/2 BPSK	1	1	23.42	23.49	23.43	
		1	107	24.02	24.21	24.04	



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		1	214	23.46	23.66	23.55
		108	0	23.21	23.20	23.27
		108	54	24.46	24.56	24.31
		108	108	23.21	23.26	23.17
		216	0	23.12	23.23	23.17
	DFT-s-OFDM QPSK	1	1	23.51	23.54	23.51
		1	107	24.16	24.18	24.12
		1	214	23.48	23.52	23.60
		108	0	23.31	23.28	23.37
		108	54	24.48	24.57	24.45
		108	108	23.35	23.40	23.18
	DFT-s-OFDM 16QAM	108	54	23.27	23.35	23.18
		108	54	22.11	22.19	22.17
		108	54	20.17	20.23	20.15
BW	MCS Index	Channel		345500	349000	352500
		Frequency (MHz)		1727.5	1745	1762.5
35M	DFT-s-OFDM QPSK	90	49	24.33	24.51	24.40
BW	MCS Index	Channel		345000	349000	353000
		Frequency (MHz)		1725	1745	1765
30M	DFT-s-OFDM QPSK	80	40	24.35	24.44	24.31
BW	MCS Index	Channel		344500	349000	353500
		Frequency (MHz)		1722.5	1745	1767.5
25M	DFT-s-OFDM QPSK	64	35	24.33	24.50	24.42
BW	MCS Index	Channel		344000	349000	354000
		Frequency (MHz)		1720	1745	1770
20M	DFT-s-OFDM QPSK	50	28	24.39	24.53	24.44
BW	MCS Index	Channel		343500	349000	354500
		Frequency (MHz)		1717.5	1745	1772.5
15M	DFT-s-OFDM QPSK	36	22	24.41	24.48	24.43
BW	MCS Index	Channel		343000	349000	355000
		Frequency (MHz)		1715	1745	1775



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10M	DFT-s-OFDM QPSK	25	14	24.46	24.44	24.35
BW	MCS Index	Channel		342500	349000	355500
		Frequency (MHz)		1712.5	1745	1777.5
5M	DFT-s-OFDM QPSK	12	7	24.40	24.42	24.39



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ANT 2(UP):

n77 (SCS 15 kHz) (Ant2)_3450MHz-3550MHz for FCC						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		631667	633334	635000
		Frequency (MHz)		3475.005	3500.01	3525
50M	DFT-s-OFDM Pi/2 BPSK	1	1	23.72	23.85	23.76
		1	135	23.89	23.86	23.81
		1	268	23.74	23.80	23.64
		135	0	23.05	23.03	23.02
		135	68	23.98	23.91	23.90
		135	135	22.99	23.23	23.15
		270	0	23.10	23.14	22.98
	DFT-s-OFDM QPSK	1	1	23.77	23.90	23.84
		1	135	23.94	23.96	23.92
		1	268	23.75	23.85	23.74
		135	0	23.07	23.12	23.17
		135	68	24.00	23.99	23.97
		135	135	23.06	23.29	23.20
		270	0	23.11	23.17	23.13
	DFT-s-OFDM 16QAM	135	68	23.20	23.35	23.21
	DFT-s-OFDM 64QAM	135	68	21.61	21.64	21.67
	DFT-s-OFDM 256QAM	135	68	19.64	19.71	19.60
	BW	MCS Index	Channel		631334	633334
Frequency (MHz)			3470.01	3500.01	3529.995	
40M	DFT-s-OFDM QPSK	108	54	23.90	23.92	23.88
BW	MCS Index	Channel		630667	633334	636000
		Frequency (MHz)		3460.005	3500.01	3540
20M	DFT-s-OFDM QPSK	50	25	23.68	23.89	23.83
BW	MCS Index	Channel		630500	633334	636166
		Frequency (MHz)		3457.5	3500.01	3542.49
15M	DFT-s-OFDM QPSK	36	18	23.73	23.83	23.61
BW	MCS Index	Channel		630334	633334	636333
		Frequency (MHz)		3455.01	3500.01	3544.995



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10M	DFT-s-OFDM QPSK	25	12	23.97	23.90	23.86
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n77 (SCS 15 kHz) (Ant2)_3700MHz-3980MHz for FCC						
BW	MCS Index	RB Size	RB Offset	Mid	Mid	High
		Channel		648334	656000	663666
		Frequency (MHz)		3725.01	3840	3954.99
50M	DFT-s-OFDM Pi/2 BPSK	1	1	23.86	23.19	23.25
		1	135	23.79	23.21	23.70
		1	268	23.43	23.17	23.39
		135	0	22.89	22.21	22.48
		135	68	23.81	23.22	23.65
		135	135	22.78	22.30	22.53
	DFT-s-OFDM QPSK	270	0	22.84	22.16	22.46
		1	1	23.88	23.24	23.38
		1	135	23.90	23.34	23.82
		1	268	23.57	23.08	23.48
		135	0	22.96	22.30	22.59
		135	68	23.94	23.37	23.77
	DFT-s-OFDM 16QAM	135	135	22.90	22.31	22.65
		270	0	22.97	22.29	22.59
	DFT-s-OFDM 64QAM	135	68	22.98	22.49	22.77
	DFT-s-OFDM 256QAM	135	68	21.86	21.94	21.61
	DFT-s-OFDM 256QAM	135	68	19.65	18.99	19.57
	BW	MCS Index	Channel		648000	656000
Frequency (MHz)			3720	3840	3960	
40M	DFT-s-OFDM QPSK	108	54	23.79	23.26	23.71
BW	MCS Index	Channel		647334	656000	664666
		Frequency (MHz)		3710.01	3840	3969.99
20M	DFT-s-OFDM QPSK	50	25	23.81	23.45	23.64
BW	MCS Index	Channel		647167	656000	664833
		Frequency (MHz)		3707.505	3840	3972.495



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15M	DFT-s-OFDM QPSK	36	18	23.79	23.14	23.28
BW	MCS Index	Channel		650000	656000	665000
		Frequency (MHz)		3750	3840	3975
10M	DFT-s-OFDM QPSK	25	12	23.86	23.33	23.78

n78 (SCS 15 kHz) _(Ant2)_3450MHz-3550MHz for FCC							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	
		Channel		631667	633334	635000	
		Frequency (MHz)		3475.005	3500.01	3525	
50M	DFT-s-OFDM Pi/2 BPSK	1	1	23.72	23.59	23.65	
		1	135	23.78	23.89	23.87	
		1	268	23.61	23.68	23.50	
		135	0	22.92	22.97	22.97	
		135	68	23.85	23.90	23.89	
		135	135	23.07	22.95	23.06	
		270	0	23.09	23.10	22.95	
	DFT-s-OFDM QPSK	1	1	23.82	23.74	23.80	
		1	135	23.91	24.02	23.91	
		1	268	23.73	23.78	23.63	
		135	0	23.05	22.99	23.11	
		135	68	23.94	24.04	23.99	
		135	135	23.11	23.06	23.10	
		270	0	23.15	23.15	23.07	
	DFT-s-OFDM 16QAM	135	68	23.18	23.16	23.20	
	DFT-s-OFDM 64QAM	135	68	21.61	21.65	21.62	
	DFT-s-OFDM 256QAM	135	68	19.60	19.82	19.62	
	BW	MCS Index	Channel		631334	633334	635333
			Frequency (MHz)		3470.01	3500.01	3529.995
	40M	DFT-s-OFDM QPSK	108	54	23.75	23.64	23.78
	BW	MCS Index	Channel		630667	633334	636000
Frequency (MHz)			3460.005	3500.01	3540		



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20M	DFT-s-OFDM QPSK	50	25	23.66	23.72	23.57
BW	MCS Index	Channel		630500	633334	636166
		Frequency (MHz)		3457.5	3500.01	3542.49
15M	DFT-s-OFDM QPSK	36	18	23.81	23.89	23.76
BW	MCS Index	Channel		630334	633334	636333
		Frequency (MHz)		3455.01	3500.01	3544.995
10M	DFT-s-OFDM QPSK	25	12	23.61	23.75	23.50

n77 (SCS 30 kHz) (Ant2)_3450MHz-3550MHz for FCC							
BW	MCS Index	RB Size	RB Offset		Mid		
		Channel				633334	
		Frequency (MHz)				3500.01	
100M	DFT-s-OFDM Pi/2 BPSK	1	1		23.38		
		1	137		24.10		
		1	271		23.24		
		135	0		23.32		
		135	69		24.18		
		135	138		23.06		
		270	0		23.19		
	DFT-s-OFDM QPSK	1	1		23.47		
		1	137		24.26		
		1	271		23.37		
		135	0		23.08		
		135	69		24.32		
		135	138		23.10		
		270	0		23.06		
	DFT-s-OFDM 16QAM	135	69		23.40		
	DFT-s-OFDM 64QAM	135	69		22.04		
	DFT-s-OFDM 256QAM	135	69		20.01		
	BW	MCS Index	Channel		633000	633334	633666
			Frequency (MHz)		3495	3500.01	3504.99



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90M	DFT-s-OFDM QPSK	120	63	24.23	24.25	24.13
BW	MCS Index	Channel		632668	633334	634000
		Frequence (MHz)		3490.02	3500.01	3510
80M	DFT-s-OFDM QPSK	108	55	24.21	24.22	24.27
BW	MCS Index	Channel		632334	633334	634332
		Frequence (MHz)		3485.01	3500.01	3514.98
70M	DFT-s-OFDM QPSK	90	50	24.19	24.29	24.12
BW	MCS Index	Channel		632000	633334	634666
		Frequence (MHz)		3480	3500.01	3519.99
60M	DFT-s-OFDM QPSK	81	41	24.22	24.23	24.16
BW	MCS Index	Channel		631668	24.28	635000
		Frequence (MHz)		3475.02	3500.01	3525
50M	DFT-s-OFDM QPSK	64	35	24.17	24.21	24.07
BW	MCS Index	Channel		631334	633334	635332
		Frequence (MHz)		3470.01	3500.01	3529.98
40M	DFT-s-OFDM QPSK	50	28	24.19	24.19	24.22
BW	MCS Index	Channel		630668	633334	636000
		Frequence (MHz)		3460.02	3500.01	3540
20M	DFT-s-OFDM QPSK	25	13	24.23	24.26	24.13
BW	MCS Index	Channel		630500	633334	636166
		Frequence (MHz)		3457.5	3500.01	3542.49
15M	DFT-s-OFDM QPSK	18	10	24.25	24.28	24.09
BW	MCS Index	Channel		630334	633334	636332
		Frequence (MHz)		3455.01	3500.01	3544.98
10M	DFT-s-OFDM QPSK	12	6	24.28	24.30	24.15

n77 (SCS 30 kHz) (Ant2)_3700MHz-3980MHz for FCC						
BW	MCS Index	RB Size	RB Offset	Mid	Mid	High
		Channel		650000	656000	662000
		Frequency (MHz)		3750	3840	3930
100M	DFT-s-OFDM Pi/2 BPSK	1	1	23.46	23.22	23.19
		1	137	23.84	23.64	23.72
		1	271	23.38	23.16	23.10
		135	0	22.69	22.71	22.59
		135	69	23.82	23.60	23.78
		135	138	22.81	22.68	22.66
		270	0	22.77	22.59	22.55
	DFT-s-OFDM QPSK	1	1	23.51	23.26	23.14
		1	137	23.88	23.54	23.63
		1	271	23.35	23.17	23.08
		135	0	22.73	22.54	22.57
		135	69	23.97	23.69	23.74
		135	138	22.91	22.67	22.65
		270	0	22.80	22.56	22.51
	DFT-s-OFDM 16QAM	135	69	23.14	23.06	22.81
	DFT-s-OFDM 64QAM	135	69	22.34	22.17	22.05
	DFT-s-OFDM 256QAM	135	69	20.26	20.12	20.08
	BW	MCS Index	Channel		649668	656000
Frequency (MHz)			3745.02	3840	3934.98	
90M	DFT-s-OFDM QPSK	120	63	23.93	23.61	23.73
BW	MCS Index	Channel		649334	656000	662666
		Frequency (MHz)		3740.01	3840	3939.99
80M	DFT-s-OFDM QPSK	108	55	23.89	23.68	23.85
BW	MCS Index	Channel		649000	656000	663000
		Frequency (MHz)		3735	3840	3945
70M	DFT-s-OFDM QPSK	90	50	23.92	23.54	23.72



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BW	MCS Index	Channel		648668	656000	663332
		Frequency (MHz)		3730.02	3840	3949.98
60M	DFT-s-OFDM QPSK	81	41	23.91	23.59	23.76
BW	MCS Index	Channel		648334	656000	663666
		Frequency (MHz)		3725.01	3840	3954.99
50M	DFT-s-OFDM QPSK	64	35	23.93	23.53	23.69
BW	MCS Index	Channel		648000	656000	664000
		Frequency (MHz)		3720	3840	3960
40M	DFT-s-OFDM QPSK	50	28	23.94	23.67	23.76
BW	MCS Index	Channel		647334	656000	664666
		Frequency (MHz)		3710.01	3840	3969.99
20M	DFT-s-OFDM QPSK	25	13	23.83	23.58	23.62
BW	MCS Index	Channel		647168	656000	664832
		Frequency (MHz)		3707.52	3840	3972.48
15M	DFT-s-OFDM QPSK	18	10	23.88	23.61	23.69
BW	MCS Index	Channel		647000	656000	665000
		Frequency (MHz)		3705	3840	3975
10M	DFT-s-OFDM QPSK	12	6	23.89	23.67	23.81

n78 (SCS 30 kHz) _(Ant2)_ 3450MHz-3550MHz for FCC							
BW	MCS Index	RB Size	RB Offset		Mid		
		Channel			633334		
		Frequency (MHz)			3500.01		
100M	DFT-s-OFDM Pi/2 BPSK	1	1		23.21		
		1	137		24.05		
		1	271		23.11		
		135	0		22.71		
		135	69		23.94		
		135	138		22.78		
		270	0		22.65		
	DFT-s-OFDM QPSK	1	1		23.19		
		1	137		23.95		
		1	271		23.07		
		135	0		22.79		
		135	69		24.07		
		135	138		22.80		
	DFT-s-OFDM 16QAM	135	69		23.10		
		DFT-s-OFDM 64QAM	135	69		21.70	
			DFT-s-OFDM 256QAM	135	69		19.68
	BW	MCS Index	Channel		633000	633334	633666
			Frequency (MHz)		3495	3500.01	3504.99
90M	DFT-s-OFDM QPSK	120	63	23.98	24.03	23.86	
BW	MCS Index	Channel		632668	633334	634000	
		Frequency (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	108	55	23.87	24.05	23.85	
BW	MCS Index	Channel		632334	633334	634332	
		Frequency (MHz)		3485.01	3500.01	3514.98	
70M	DFT-s-OFDM QPSK	90	50	24.02	24.01	23.88	



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BW	MCS Index	Channel		632000	633334	634666
		Frequency (MHz)		3480	3500.01	3519.99
60M	DFT-s-OFDM QPSK	81	41	23.86	24.00	23.97
BW	MCS Index	Channel		631668	633334	635000
		Frequency (MHz)		3475.02	3500.01	3525
50M	DFT-s-OFDM QPSK	64	35	23.91	23.98	23.96
BW	MCS Index	Channel		631334	633334	635332
		Frequency (MHz)		3470.01	3500.01	3529.98
40M	DFT-s-OFDM QPSK	50	28	23.95	24.04	23.81
BW	MCS Index	Channel		630668	633334	636000
		Frequency (MHz)		3460.02	3500.01	3540
20M	DFT-s-OFDM QPSK	25	13	24.02	23.95	23.79
BW	MCS Index	Channel		630500	633334	636166
		Frequency (MHz)		3457.5	3500.01	3542.49
15M	DFT-s-OFDM QPSK	18	10	23.79	24.02	23.73
BW	MCS Index	Channel		630334	633334	636332
		Frequency (MHz)		3455.01	3500.01	3544.98
10M	DFT-s-OFDM QPSK	12	6	23.95	23.97	23.86



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ANT 3(UP):

n41 (SCS 15 kHz) (Ant3)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	
		Channel		504201	518601	532998	
		Frequency (MHz)		2521.005	2593.005	2664.99	
50M	DFT-s-OFDM Pi/2 BPSK	1	1	20.03	20.31	20.10	
		1	135	21.05	21.04	20.74	
		1	268	20.02	20.07	20.09	
		135	0	20.04	20.13	20.01	
		135	68	21.09	21.08	20.96	
		135	135	20.23	19.85	19.52	
		270	0	19.98	19.99	19.63	
	DFT-s-OFDM QPSK	1	1	20.25	20.43	20.19	
		1	135	21.09	21.23	20.73	
		1	268	20.10	20.07	20.15	
		135	0	20.07	20.13	19.69	
		135	68	21.24	21.27	20.96	
		135	135	19.97	19.87	19.51	
	DFT-s-OFDM 16QAM	135	68	20.42	20.16	20.12	
		DFT-s-OFDM 64QAM	135	68	18.87	18.73	18.62
			DFT-s-OFDM 256QAM	135	68	16.99	17.14
	BW	MCS Index	Channel		503202	518601	534000
			Frequency (MHz)		2516.01	2593.005	2670
40M	DFT-s-OFDM QPSK	108	54	21.18	21.09	20.70	
BW	MCS Index	Channel		502200	518601	534999	
		Frequency (MHz)		2511	2593.005	2674.995	
30M	DFT-s-OFDM QPSK	80	40	21.07	21.11	20.84	
BW	MCS Index	Channel		501201	518601	535998	
		Frequency (MHz)		2506.005	2593.005	2679.99	
20M	DFT-s-OFDM QPSK	50	25	21.15	21.32	20.73	
BW	MCS Index	Channel		500700	518601	536499	
		Frequency (MHz)		2503.5	2593.005	2682.495	



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15M	DFT-s-OFDM QPSK	36	18	21.25	21.32	20.99
BW	MCS Index	Channel		500202	518601	537000
		Frequency (MHz)		2501.01	2593.005	2685
10M	DFT-s-OFDM QPSK	25	12	21.05	21.09	20.82

n77 (SCS 15 kHz) (Ant3)_3450MHz-3550MHz for FCC							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	
		Channel		631667	633334	635000	
		Frequency (MHz)		3475.005	3500.01	3525	
50M	DFT-s-OFDM Pi/2 BPSK	1	1	21.78	21.71	21.84	
		1	135	22.05	21.98	21.92	
		1	268	21.78	21.93	21.81	
		135	0	20.96	21.16	21.11	
		135	68	21.86	22.04	22.01	
		135	135	21.14	21.17	21.07	
		270	0	21.13	21.27	21.17	
	DFT-s-OFDM QPSK	1	1	21.91	21.86	21.90	
		1	135	22.09	22.10	22.07	
		1	268	21.90	22.07	21.83	
		135	0	21.10	21.24	21.21	
		135	68	21.95	22.18	22.11	
		135	135	21.22	21.25	21.17	
		270	0	21.15	21.32	21.23	
	DFT-s-OFDM 16QAM	135	68	21.29	21.40	21.28	
	DFT-s-OFDM 64QAM	135	68	19.61	19.81	19.73	
	DFT-s-OFDM 256QAM	135	68	17.65	17.80	17.96	
	BW	MCS Index	Channel		631334	633334	635333
			Frequency (MHz)		3470.01	3500.01	3529.995
	40M	DFT-s-OFDM QPSK	108	54	22.05	22.01	21.94
	BW	MCS Index	Channel		630667	633334	636000
Frequency (MHz)			3460.005	3500.01	3540		
20M	DFT-s-OFDM QPSK	50	25	21.82	22.11	22.03	



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BW	MCS Index	Channel		630500	633334	636166
		Frequency (MHz)		3457.5	3500.01	3542.49
15M	DFT-s-OFDM QPSK	36	18	21.80	22.07	22.09
BW	MCS Index	Channel		630334	633334	636333
		Frequency (MHz)		3455.01	3500.01	3544.995
10M	DFT-s-OFDM QPSK	25	12	21.89	21.79	21.82

n77 (SCS 15 kHz) (Ant3)_3700MHz-3980MHz for FCC							
BW	MCS Index	RB Size	RB Offset	Mid	Mid	High	
		Channel		648334	656000	663666	
		Frequency (MHz)		3725.01	3840	3954.99	
50M	DFT-s-OFDM Pi/2 BPSK	1	1	21.77	21.26	21.24	
		1	135	21.97	21.25	21.09	
		1	268	21.61	21.18	21.17	
		135	0	21.05	20.36	20.24	
		135	68	21.98	21.48	21.20	
		135	135	20.96	20.44	20.28	
		270	0	20.95	20.39	20.25	
	DFT-s-OFDM QPSK	1	1	21.86	21.35	21.29	
		1	135	21.98	21.40	21.23	
		1	268	21.69	21.32	21.25	
		135	0	21.08	20.47	20.33	
		135	68	22.03	21.51	21.27	
		135	135	21.02	20.58	20.35	
		270	0	20.97	20.45	20.31	
	DFT-s-OFDM 16QAM	135	68	21.08	20.51	20.25	
	DFT-s-OFDM 64QAM	135	68	19.97	19.81	19.72	
	DFT-s-OFDM 256QAM	135	68	18.15	17.92	17.78	
	BW	MCS Index	Channel		648000	656000	664000
			Frequency (MHz)		3720	3840	3960
	40M	DFT-s-OFDM QPSK	108	54	21.90	21.33	21.21



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BW	MCS Index	Channel		647334	656000	664666
		Frequency (MHz)		3710.01	3840	3969.99
20M	DFT-s-OFDM QPSK	50	25	21.80	21.24	21.26
BW	MCS Index	Channel		647167	656000	664833
		Frequency (MHz)		3707.505	3840	3972.495
15M	DFT-s-OFDM QPSK	36	18	21.97	21.44	21.14
BW	MCS Index	Channel		650000	656000	665000
		Frequency (MHz)		3750	3840	3975
10M	DFT-s-OFDM QPSK	25	12	21.80	21.27	21.19

n78 (SCS 15 kHz) _(Ant3)_3450MHz-3550MHz for FCC						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		631667	633334	635000
		Frequency (MHz)		3475.005	3500.01	3525
50M	DFT-s-OFDM Pi/2 BPSK	1	1	21.50	21.72	21.71
		1	135	21.76	21.97	21.92
		1	268	21.59	21.72	21.57
		135	0	20.91	20.92	21.02
		135	68	21.93	21.93	21.98
		135	135	20.99	21.06	21.09
		270	0	20.95	21.16	21.01
	DFT-s-OFDM QPSK	1	1	21.63	21.76	21.79
		1	135	21.85	22.05	21.95
		1	268	21.68	21.81	21.66
		135	0	20.99	21.07	21.14
		135	68	22.01	22.07	22.13
		135	135	21.04	21.15	21.11
		270	0	21.05	21.20	21.06
	DFT-s-OFDM 16QAM	135	68	21.18	21.33	21.22
	DFT-s-OFDM 64QAM	135	68	19.60	19.68	19.68
	DFT-s-OFDM 256QAM	135	68	17.62	17.67	17.59



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BW	MCS Index	Channel		631334	633334	635333
		Frequency (MHz)		3470.01	3500.01	3529.995
40M	DFT-s-OFDM QPSK	108	54	21.57	21.66	21.73
BW	MCS Index	Channel		630667	633334	636000
		Frequency (MHz)		3460.005	3500.01	3540
20M	DFT-s-OFDM QPSK	50	25	21.73	21.98	21.83
BW	MCS Index	Channel		630500	633334	636166
		Frequency (MHz)		3457.5	3500.01	3542.49
15M	DFT-s-OFDM QPSK	36	18	21.67	21.76	21.52
BW	MCS Index	Channel		630334	633334	636333
		Frequency (MHz)		3455.01	3500.01	3544.995
10M	DFT-s-OFDM QPSK	25	12	21.75	21.97	21.92

n41 (SCS 30 kHz)_Ant3						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		509202	518598	528000
		Frequency (MHz)		2546.01	2592.99	2640
100M	DFT-s-OFDM Pi/2 BPSK	1	1	20.10	20.37	20.13
		1	137	21.12	21.05	20.76
		1	271	20.08	20.11	20.12
		135	0	20.00	20.01	19.94
		135	69	21.03	21.08	20.95
		135	138	20.14	19.81	19.47
		270	0	20.00	20.05	19.66
	DFT-s-OFDM QPSK	1	1	20.22	20.43	20.14
		1	137	21.14	21.26	20.73
		1	271	20.05	20.14	20.07
		135	0	20.03	20.13	19.67
		135	69	21.18	21.28	20.91
		135	138	19.98	19.96	19.52
		270	0	20.04	20.09	19.62
	DFT-s-OFDM 16QAM	135	69	20.39	20.23	20.21
	DFT-s-OFDM 64QAM	135	69	18.93	18.72	18.54



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	DFT-s-OFDM 256QAM	135	69	17.04	17.12	16.75
BW	MCS Index	Channel		508200	518598	528996
		Frequency (MHz)		2541	2592.99	2644.98
90M	DFT-s-OFDM QPSK	120	63	20.85	21.01	20.43
BW	MCS Index	Channel		507204	518598	529998
		Frequency (MHz)		2536.02	2592.99	2649.99
80M	DFT-s-OFDM QPSK	108	55	20.93	21.04	20.44
BW	MCS Index	Channel		506202	518598	531000
		Frequency (MHz)		2531.01	2592.99	2655
70M	DFT-s-OFDM QPSK	90	50	20.93	20.95	20.72
BW	MCS Index	Channel		505200	518598	531996
		Frequency (MHz)		2526	2592.99	2659.98
60M	DFT-s-OFDM QPSK	81	41	20.84	20.90	20.65
BW	MCS Index	Channel		504204	518598	532998
		Frequency (MHz)		2521.02	2592.99	2664.99
50M	DFT-s-OFDM QPSK	64	35	20.87	20.99	20.67
BW	MCS Index	Channel		503202	518598	534000
		Frequency (MHz)		2516.01	2592.99	2670
40M	DFT-s-OFDM QPSK	50	28	20.95	20.83	20.69
BW	MCS Index	Channel		502200	518598	534996
		Frequency (MHz)		2511	2592.99	2674.98
30M	DFT-s-OFDM QPSK	36	21	20.84	20.91	20.71
BW	MCS Index	Channel		501204	518598	535998
		Frequency (MHz)		2506.02	2592.99	2679.99
20M	DFT-s-OFDM QPSK	25	13	20.86	21.02	20.51
BW	MCS Index	Channel		500700	518598	536496
		Frequency (MHz)		2503.5	2592.99	2682.48



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15M	DFT-s-OFDM QPSK	18	10	20.89	20.86	20.69
BW	MCS Index	Channel		500202	518598	537000
		Frequency (MHz)		2501.01	2592.99	2685
10M	DFT-s-OFDM QPSK	12	6	20.81	20.79	20.74

n77 (SCS 30 kHz) (Ant3)_3450MHz-3550MHz for FCC							
BW	MCS Index	RB Size	RB Offset		Mid		
		Channel			633334		
		Frequency (MHz)			3500.01		
100M	DFT-s-OFDM Pi/2 BPSK	1	1		21.54		
		1	137		22.33		
		1	271		21.40		
		135	0		21.19		
		135	69		22.36		
		135	138		21.17		
		270	0		21.15		
	DFT-s-OFDM QPSK	1	1		21.47		
		1	137		22.28		
		1	271		21.49		
		135	0		21.31		
		135	69		22.47		
		135	138		21.26		
		270	0		21.22		
	DFT-s-OFDM 16QAM	135	69		21.71		
	DFT-s-OFDM 64QAM	135	69		20.35		
	DFT-s-OFDM 256QAM	135	69		18.32		
	BW	MCS Index	Channel		633000	633334	633666
			Frequency (MHz)		3495	3500.01	3504.99
	90M	DFT-s-OFDM QPSK	120	63	22.36	22.46	22.41
	BW	MCS Index	Channel		632668	633334	634000
Frequency (MHz)			3490.02	3500.01	3510		
80M	DFT-s-OFDM QPSK	108	55	22.25	22.44	22.45	



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BW	MCS Index	Channel		632334	633334	634332
		Frequency (MHz)		3485.01	3500.01	3514.98
70M	DFT-s-OFDM QPSK	90	50	22.35	22.47	22.39
BW	MCS Index	Channel		632000	633334	634666
		Frequency (MHz)		3480	3500.01	3519.99
60M	DFT-s-OFDM QPSK	81	41	22.07	22.42	22.35
BW	MCS Index	Channel		631668	633334	635000
		Frequency (MHz)		3475.02	3500.01	3525
50M	DFT-s-OFDM QPSK	64	35	22.39	22.41	22.34
BW	MCS Index	Channel		631334	633334	635332
		Frequency (MHz)		3470.01	3500.01	3529.98
40M	DFT-s-OFDM QPSK	50	28	22.40	22.36	22.44
BW	MCS Index	Channel		630668	633334	636000
		Frequency (MHz)		3460.02	3500.01	3540
20M	DFT-s-OFDM QPSK	25	13	22.19	22.39	22.42
BW	MCS Index	Channel		630500	633334	636166
		Frequency (MHz)		3457.5	3500.01	3542.49
15M	DFT-s-OFDM QPSK	18	10	22.27	22.40	22.45
BW	MCS Index	Channel		630334	633334	636332
		Frequency (MHz)		3455.01	3500.01	3544.98
10M	DFT-s-OFDM QPSK	12	6	22.38	22.37	22.42



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n77 (SCS 30 kHz) (Ant3)_3700MHz-3980MHz for FCC						
BW	MCS Index	RB Size	RB Offset	Mid	Mid	High
		Channel		650000	656000	662000
		Frequency (MHz)		3750	3840	3930
100M	DFT-s-OFDM Pi/2 BPSK	1	1	21.77	21.42	21.36
		1	137	22.23	22.45	22.46
		1	271	21.84	21.38	21.71
		135	0	21.06	21.15	21.34
		135	69	22.33	22.36	22.43
		135	138	21.17	21.40	21.45
		270	0	21.27	21.13	21.16
	DFT-s-OFDM QPSK	1	1	21.71	21.54	21.37
		1	137	22.27	22.43	22.47
		1	271	21.69	21.43	21.79
		135	0	21.17	21.09	21.46
		135	69	22.42	22.46	22.56
		135	138	21.27	21.41	21.43
		270	0	21.22	21.21	21.30
	DFT-s-OFDM 16QAM	135	69	21.55	21.57	21.66
	DFT-s-OFDM 64QAM	135	69	20.13	20.11	20.15
DFT-s-OFDM 256QAM	135	69	18.24	18.15	18.17	
BW	MCS Index	Channel		649668	656000	662332
		Frequency (MHz)		3745.02	3840	3934.98
90M	DFT-s-OFDM QPSK	120	63	22.14	22.40	22.40
BW	MCS Index	Channel		649334	656000	662666
		Frequency (MHz)		3740.01	3840	3939.99
80M	DFT-s-OFDM QPSK	108	55	22.40	22.44	22.54
BW	MCS Index	Channel		649000	656000	663000
		Frequency (MHz)		3735	3840	3945
70M	DFT-s-OFDM QPSK	90	50	22.27	22.45	22.48
BW	MCS Index	Channel		648668	656000	663332
		Frequency (MHz)		3730.02	3840	3949.98



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60M	DFT-s-OFDM QPSK	81	41	22.23	22.43	22.50
BW	MCS Index	Channel		648334	656000	663666
		Frequency (MHz)		3725.01	3840	3954.99
50M	DFT-s-OFDM QPSK	64	35	22.37	22.40	22.54
BW	MCS Index	Channel		648000	656000	664000
		Frequency (MHz)		3720	3840	3960
40M	DFT-s-OFDM QPSK	50	28	22.14	22.42	22.38
BW	MCS Index	Channel		647334	656000	664666
		Frequency (MHz)		3710.01	3840	3969.99
20M	DFT-s-OFDM QPSK	25	13	22.14	22.43	22.46
BW	MCS Index	Channel		647168	656000	664832
		Frequency (MHz)		3707.52	3840	3972.48
15M	DFT-s-OFDM QPSK	18	10	22.33	22.42	22.48
BW	MCS Index	Channel		647000	656000	665000
		Frequency (MHz)		3705	3840	3975
10M	DFT-s-OFDM QPSK	12	6	22.20	22.41	22.43

n78 (SCS 30 kHz) _(Ant3)_3450MHz-3550MHz for FCC						
BW	MCS Index	RB Size	RB Offset		Mid	
		Channel			633334	
		Frequency (MHz)			3500.01	
100M	DFT-s-OFDM Pi/2 BPSK	1	1		21.43	
		1	137		22.17	
		1	271		21.22	
		135	0		21.39	
		135	69		22.27	
		135	138		21.06	
		270	0		21.33	
	DFT-s-OFDM QPSK	1	1		21.44	
		1	137		22.21	
		1	271		21.36	
		135	0		21.14	
		135	69		22.41	
		135	138		21.14	
	DFT-s-OFDM 16QAM	135	69		21.27	
		135	69		20.66	
		135	69		18.71	
135		69				
BW	MCS Index	Channel		633000	633334	633666
		Frequency (MHz)		3495	3500.01	3504.99
90M	DFT-s-OFDM QPSK	120	63	22.29	22.37	22.23
BW	MCS Index	Channel		632668	633334	634000
		Frequency (MHz)		3490.02	3500.01	3510
80M	DFT-s-OFDM QPSK	108	55	22.17	22.21	22.25
BW	MCS Index	Channel		632334	633334	634332
		Frequency (MHz)		3485.01	3500.01	3514.98
70M	DFT-s-OFDM QPSK	90	50	22.23	22.34	22.29
BW	MCS Index	Channel		632000	633334	634666
		Frequency (MHz)		3480	3500.01	3519.99



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60M	DFT-s-OFDM QPSK	81	41	22.29	22.38	22.34
BW	MCS Index	Channel		631668	633334	635000
		Frequency (MHz)		3475.02	3500.01	3525
50M	DFT-s-OFDM QPSK	64	35	22.24	22.37	22.38
BW	MCS Index	Channel		631334	633334	635332
		Frequency (MHz)		3470.01	3500.01	3529.98
40M	DFT-s-OFDM QPSK	50	28	22.11	22.39	22.19
BW	MCS Index	Channel		630668	633334	636000
		Frequency (MHz)		3460.02	3500.01	3540
20M	DFT-s-OFDM QPSK	25	13	22.17	22.33	22.38
BW	MCS Index	Channel		630500	633334	636166
		Frequency (MHz)		3457.5	3500.01	3542.49
15M	DFT-s-OFDM QPSK	18	10	22.09	22.24	22.35
BW	MCS Index	Channel		630334	633334	636332
		Frequency (MHz)		3455.01	3500.01	3544.98
10M	DFT-s-OFDM QPSK	12	6	22.26	22.38	22.33



**BUREAU
VERITAS**

Test Report No.: W7L-240618W002RF12

ANT 5(UP):

HPUE_n77 (SCS 15 kHz) (Ant5)_3450MHz-3550MHz for FCC						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		631667	633334	635000
		Frequency (MHz)		3475.005	3500.01	3525
50M	DFT-s-OFDM Pi/2 BPSK	1	1	25.72	25.68	25.89
		1	135	25.91	25.59	25.90
		1	268	25.77	25.67	25.46
		135	0	25.08	25.09	25.13
		135	68	25.98	25.88	26.13
		135	135	25.08	25.22	25.21
		270	0	25.12	25.18	25.18
	DFT-s-OFDM QPSK	1	1	25.84	25.83	25.92
		1	135	26.02	25.68	25.99
		1	268	25.83	25.78	25.39
		135	0	25.17	25.22	25.16
		135	68	26.13	25.91	26.17
		135	135	25.11	25.31	25.25
		270	0	25.18	25.28	25.29
	DFT-s-OFDM 16QAM	135	68	25.22	25.37	25.28
	DFT-s-OFDM 64QAM	135	68	23.67	23.79	23.80
	DFT-s-OFDM 256QAM	135	68	21.65	21.68	21.78
	BW	MCS Index	Channel		631334	633334
		Frequency (MHz)		3470.01	3500.01	3529.995
40M	DFT-s-OFDM QPSK	108	54	25.82	25.79	25.84
BW	MCS Index	Channel		630667	633334	636000
		Frequency (MHz)		3460.005	3500.01	3540
20M	DFT-s-OFDM QPSK	50	25	25.65	25.54	25.85
BW	MCS Index	Channel		630500	633334	636166
		Frequency (MHz)		3457.5	3500.01	3542.49
15M	DFT-s-OFDM QPSK	36	18	25.83	25.47	25.58
BW	MCS Index	Channel		630334	633334	636333
		Frequency (MHz)		3455.01	3500.01	3544.995
10M	DFT-s-OFDM QPSK	25	12	25.69	25.95	25.75



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VERITAS**

Test Report No.: W7L-240618W002RF12

HPUE_n77 (SCS 15 kHz) (Ant5)_3700MHz-3980MHz for FCC						
BW	MCS Index	RB Size	RB Offset	Mid	Mid	High
		Channel		648334	656000	663666
		Frequency (MHz)		3725.01	3840	3954.99
50M	DFT-s-OFDM Pi/2 BPSK	1	1	25.75	25.49	25.55
		1	135	25.94	25.67	25.95
		1	268	25.58	25.50	25.68
		135	0	24.86	24.58	24.88
		135	68	25.95	25.59	26.06
		135	135	24.86	24.67	24.83
		270	0	24.91	24.64	24.85
	DFT-s-OFDM QPSK	1	1	25.77	25.54	25.68
		1	135	25.98	25.70	26.05
		1	268	25.66	25.52	25.75
		135	0	24.92	24.65	24.94
		135	68	26.07	25.74	26.10
		135	135	24.98	24.72	24.96
		270	0	24.93	24.76	24.98
	DFT-s-OFDM 16QAM	135	68	25.14	24.83	25.11
DFT-s-OFDM 64QAM	135	68	23.53	23.67	23.88	
DFT-s-OFDM 256QAM	135	68	21.67	21.59	21.68	
BW	MCS Index	Channel		648000	656000	664000
		Frequency (MHz)		3720	3840	3960
40M	DFT-s-OFDM QPSK	108	54	25.72	25.40	25.67
BW	MCS Index	Channel		647334	656000	664666
		Frequency (MHz)		3710.01	3840	3969.99
20M	DFT-s-OFDM QPSK	50	25	25.96	25.58	25.99
BW	MCS Index	Channel		647167	656000	664833
		Frequency (MHz)		3707.505	3840	3972.495
15M	DFT-s-OFDM QPSK	36	18	25.93	25.59	26.03
BW	MCS Index	Channel		650000	656000	665000
		Frequency (MHz)		3750	3840	3975
10M	DFT-s-OFDM QPSK	25	12	25.74	25.50	25.65



**BUREAU
VERITAS**

Test Report No.: W7L-240618W002RF12

HPUE_n78 (SCS 15 kHz)_(Ant5)_3450MHz-3550MHz for FCC						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		631667	633334	635000
		Frequency (MHz)		3475.005	3500.01	3525
50M	DFT-s-OFDM Pi/2 BPSK	1	1	25.67	25.63	25.74
		1	135	25.97	26.00	25.85
		1	268	25.80	25.88	25.79
		135	0	24.88	24.95	24.99
		135	68	26.05	26.02	25.91
		135	135	25.06	25.06	25.13
	DFT-s-OFDM QPSK	1	1	25.71	25.73	25.84
		1	135	26.08	26.03	25.97
		1	268	25.89	25.94	25.90
		135	0	25.02	25.08	25.11
		135	68	26.12	26.14	26.02
		135	135	25.17	25.12	25.18
	DFT-s-OFDM 16QAM	135	68	25.16	25.28	25.27
		135	68	23.72	23.59	23.69
	DFT-s-OFDM 256QAM	135	68	21.77	21.67	21.65
BW	MCS Index	Channel		631334	633334	635333
		Frequency (MHz)		3470.01	3500.01	3529.995
40M	DFT-s-OFDM QPSK	108	54	26.02	25.95	25.86
BW	MCS Index	Channel		630667	633334	636000
		Frequency (MHz)		3460.005	3500.01	3540
20M	DFT-s-OFDM QPSK	50	25	25.98	26.01	26.00
BW	MCS Index	Channel		630500	633334	636166
		Frequency (MHz)		3457.5	3500.01	3542.49
15M	DFT-s-OFDM QPSK	36	18	25.80	25.92	25.82
BW	MCS Index	Channel		630334	633334	636333
		Frequency (MHz)		3455.01	3500.01	3544.995
10M	DFT-s-OFDM QPSK	25	12	26.07	25.94	25.89



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VERITAS**

Test Report No.: W7L-240618W002RF12

n77 (SCS 15 kHz) (Ant5)_3450MHz-3550MHz for FCC							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	
		Channel		631667	633334	635000	
		Frequency (MHz)		3475.005	3500.01	3525	
50M	DFT-s-OFDM Pi/2 BPSK	1	1	23.87	23.91	24.06	
		1	135	24.06	23.73	24.09	
		1	268	23.68	23.88	23.85	
		135	0	23.14	23.34	23.35	
		135	68	24.07	23.91	24.27	
		135	135	23.27	23.31	23.32	
	DFT-s-OFDM QPSK	1	1	24.00	24.03	24.08	
		1	135	24.16	23.81	24.19	
		1	268	23.78	23.95	23.87	
		135	0	23.28	23.36	23.37	
		135	68	24.21	23.98	24.31	
		135	135	23.29	23.44	23.42	
	DFT-s-OFDM 16QAM	135	68	23.76	23.86	23.82	
		DFT-s-OFDM 64QAM	135	68	22.15	22.32	22.31
			DFT-s-OFDM 256QAM	135	68	20.17	20.26
BW	MCS Index	Channel		631334	633334	635333	
		Frequency (MHz)		3470.01	3500.01	3529.995	
40M	DFT-s-OFDM QPSK	108	54	24.17	23.96	24.18	
BW	MCS Index	Channel		630667	633334	636000	
		Frequency (MHz)		3460.005	3500.01	3540	
20M	DFT-s-OFDM QPSK	50	25	24.08	23.73	24.18	
BW	MCS Index	Channel		630500	633334	636166	
		Frequency (MHz)		3457.5	3500.01	3542.49	
15M	DFT-s-OFDM QPSK	36	18	23.93	23.94	24.07	
BW	MCS Index	Channel		630334	633334	636333	
		Frequency (MHz)		3455.01	3500.01	3544.995	
10M	DFT-s-OFDM QPSK	25	12	24.12	23.92	24.15	



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Test Report No.: W7L-240618W002RF12

n77 (SCS 15 kHz) (Ant5)_3700MHz-3980MHz for FCC						
BW	MCS Index	RB Size	RB Offset	Mid	Mid	High
		Channel		648334	656000	663666
		Frequency (MHz)		3725.01	3840	3954.99
50M	DFT-s-OFDM Pi/2 BPSK	1	1	23.76	23.58	23.74
		1	135	23.99	23.94	24.03
		1	268	23.85	23.76	23.78
		135	0	23.04	22.75	23.09
		135	68	24.02	23.79	24.12
		135	135	23.40	22.86	23.01
	DFT-s-OFDM QPSK	1	1	23.77	23.63	23.84
		1	135	24.07	23.99	24.13
		1	268	23.98	23.82	23.90
		135	0	23.16	22.84	23.10
		135	68	24.14	23.90	24.18
		135	135	23.43	22.95	23.14
	DFT-s-OFDM 16QAM	135	68	23.57	23.32	23.63
		135	68	22.07	22.23	22.19
	DFT-s-OFDM 256QAM	135	68	20.32	20.18	20.27
BW	MCS Index	Channel		648000	656000	664000
		Frequency (MHz)		3720	3840	3960
40M	DFT-s-OFDM QPSK	108	54	23.92	23.98	23.99
BW	MCS Index	Channel		647334	656000	664666
		Frequency (MHz)		3710.01	3840	3969.99
20M	DFT-s-OFDM QPSK	50	25	23.86	23.77	23.88
BW	MCS Index	Channel		647167	656000	664833
		Frequency (MHz)		3707.505	3840	3972.495
15M	DFT-s-OFDM QPSK	36	18	24.04	23.90	24.10
BW	MCS Index	Channel		650000	656000	665000
		Frequency (MHz)		3750	3840	3975
10M	DFT-s-OFDM QPSK	25	12	24.06	23.77	24.13



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VERITAS**

Test Report No.: W7L-240618W002RF12

n78 (SCS 15 kHz) _(Ant5)_3450MHz-3550MHz for FCC						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		631667	633334	635000
		Frequency (MHz)		3475.005	3500.01	3525
50M	DFT-s-OFDM Pi/2 BPSK	1	1	23.74	23.76	23.78
		1	135	23.89	23.70	23.98
		1	268	23.67	23.89	23.70
		135	0	23.04	23.15	23.07
		135	68	23.99	24.08	24.11
		135	135	23.11	23.16	23.21
	DFT-s-OFDM QPSK	1	1	23.81	23.83	23.87
		1	135	23.92	23.85	24.06
		1	268	23.74	23.98	23.84
		135	0	23.16	23.18	23.21
		135	68	24.07	24.22	24.12
		135	135	23.14	23.30	23.32
	DFT-s-OFDM 16QAM	135	68	23.67	23.64	23.76
		135	68	22.07	22.15	22.28
	DFT-s-OFDM 256QAM	135	68	20.05	20.19	20.21
BW	MCS Index	Channel		631334	633334	635333
		Frequency (MHz)		3470.01	3500.01	3529.995
40M	DFT-s-OFDM QPSK	108	54	24.00	24.19	24.02
BW	MCS Index	Channel		630667	633334	636000
		Frequency (MHz)		3460.005	3500.01	3540
20M	DFT-s-OFDM QPSK	50	25	23.84	23.82	24.04
BW	MCS Index	Channel		630500	633334	636166
		Frequency (MHz)		3457.5	3500.01	3542.49
15M	DFT-s-OFDM QPSK	36	18	23.98	24.15	24.09
BW	MCS Index	Channel		630334	633334	636333
		Frequency (MHz)		3455.01	3500.01	3544.995
10M	DFT-s-OFDM QPSK	25	12	24.09	24.12	24.00



Test Report No.: W7L-240618W002RF12

HPUE_n77 (SCS 30 kHz) (Ant5)_3450MHz-3550MHz for FCC						
BW	MCS Index	RB Size	RB Offset		Mid	
		Channel			633334	
		Frequency (MHz)			3500.01	
100M	DFT-s-OFDM Pi/2 BPSK	1	1		25.57	
		1	137		26.38	
		1	271		25.65	
		135	0		25.26	
		135	69		26.35	
		135	138		25.37	
		270	0		25.22	
	DFT-s-OFDM QPSK	1	1		25.61	
		1	137		26.43	
		1	271		25.59	
		135	0		25.33	
		135	69		26.59	
		135	138		25.39	
		270	0		25.36	
	DFT-s-OFDM 16QAM	1	137		25.35	
DFT-s-OFDM 64QAM	1	137		24.11		
DFT-s-OFDM 256QAM	1	137		21.84		
BW	MCS Index	Channel		633000	633334	633666
		Frequency (MHz)		3495	3500.01	3504.99
90M	DFT-s-OFDM QPSK	120	63	26.38	26.53	26.50
BW	MCS Index	Channel		632668	633334	634000
		Frequency (MHz)		3490.02	3500.01	3510
80M	DFT-s-OFDM QPSK	108	55	26.41	26.55	26.49
BW	MCS Index	Channel		632334	633334	634332
		Frequency (MHz)		3485.01	3500.01	3514.98
70M	DFT-s-OFDM QPSK	90	50	26.35	26.48	26.44
BW	MCS Index	Channel		632000	633334	634666
		Frequency (MHz)		3480	3500.01	3519.99
60M	DFT-s-OFDM QPSK	81	41	26.37	26.54	26.52



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BW	MCS Index	Channel		631668	633334	635000
		Frequency (MHz)		3475.02	3500.01	3525
50M	DFT-s-OFDM QPSK	64	35	26.44	26.52	26.49
BW	MCS Index	Channel		631334	633334	635332
		Frequency (MHz)		3470.01	3500.01	3529.98
40M	DFT-s-OFDM QPSK	50	28	26.28	26.38	26.42
BW	MCS Index	Channel		630668	633334	636000
		Frequency (MHz)		3460.02	3500.01	3540
20M	DFT-s-OFDM QPSK	25	13	26.39	26.53	26.51
BW	MCS Index	Channel		630500	633334	636166
		Frequency (MHz)		3457.5	3500.01	3542.49
15M	DFT-s-OFDM QPSK	18	10	26.40	26.47	26.49
BW	MCS Index	Channel		630334	633334	636332
		Frequency (MHz)		3455.01	3500.01	3544.98
10M	DFT-s-OFDM QPSK	12	6	26.46	26.41	26.38



Test Report No.: W7L-240618W002RF12

HPUE_n77 (SCS 30 kHz) (Ant5)_3700MHz-3980MHz for FCC						
BW	MCS Index	RB Size	RB Offset	High	Mid	High
		Channel		650000	656000	662000
		Frequency (MHz)		3750	3840	3930
100M	DFT-s-OFDM Pi/2 BPSK	1	1	25.55	25.45	25.44
		1	137	25.98	26.19	26.54
		1	271	25.49	25.39	25.93
		135	0	25.34	25.13	25.34
		135	69	26.17	26.28	26.54
		135	138	25.25	25.36	25.59
		270	0	25.29	25.16	25.40
	DFT-s-OFDM QPSK	1	1	25.41	25.45	25.37
		1	137	26.25	26.25	26.55
		1	271	25.53	25.40	25.94
		135	0	25.28	25.10	25.48
		135	69	26.32	26.38	26.66
		135	138	25.35	25.38	25.61
		270	0	25.29	25.25	25.42
	DFT-s-OFDM 16QAM	1	137	25.16	25.29	25.70
	DFT-s-OFDM 64QAM	1	137	23.74	23.97	24.16
	DFT-s-OFDM 256QAM	1	137	21.73	21.79	22.18
	BW	MCS Index	Channel		649668	656000
		Frequency (MHz)		3745.02	3840	3934.98
90M	DFT-s-OFDM QPSK	120	63	26.16	26.17	26.49
BW	MCS Index	Channel		649334	656000	662666
		Frequency (MHz)		3740.01	3840	3939.99
80M	DFT-s-OFDM QPSK	108	55	26.08	26.35	26.58
BW	MCS Index	Channel		649000	656000	663000
		Frequency (MHz)		3735	3840	3945
70M	DFT-s-OFDM QPSK	90	50	25.95	26.23	26.57
BW	MCS Index	Channel		648668	656000	663332
		Frequency (MHz)		3730.02	3840	3949.98
60M	DFT-s-OFDM QPSK	81	41	26.30	26.10	26.43



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Test Report No.: W7L-240618W002RF12

BW	MCS Index	Channel		648334	656000	663666
		Frequency (MHz)		3725.01	3840	3954.99
50M	DFT-s-OFDM QPSK	64	35	26.29	26.32	26.59
BW	MCS Index	Channel		648000	656000	664000
		Frequency (MHz)		3720	3840	3960
40M	DFT-s-OFDM QPSK	50	28	26.30	26.16	26.54
BW	MCS Index	Channel		647334	656000	664666
		Frequency (MHz)		3710.01	3840	3969.99
20M	DFT-s-OFDM QPSK	25	13	26.28	26.36	26.51
BW	MCS Index	Channel		647168	656000	664832
		Frequency (MHz)		3707.52	3840	3972.48
15M	DFT-s-OFDM QPSK	18	10	26.22	26.13	26.51
BW	MCS Index	Channel		647000	656000	665000
		Frequency (MHz)		3705	3840	3975
10M	DFT-s-OFDM QPSK	12	6	26.18	26.24	26.43



Test Report No.: W7L-240618W002RF12

HPUE_n78 (SCS 30 kHz) _(Ant5)_3450MHz-3550MHz for FCC						
BW	MCS Index	RB Size	RB Offset		Mid	
		Channel			633334	
		Frequency (MHz)			3500.01	
100M	DFT-s-OFDM Pi/2 BPSK	1	1		25.36	
		1	137		26.08	
		1	271		25.52	
		135	0		25.13	
		135	69		26.17	
		135	138		25.38	
		270	0		25.24	
	DFT-s-OFDM QPSK	1	1		25.40	
		1	137		26.20	
		1	271		25.60	
		135	0		25.07	
		135	69		26.29	
		135	138		25.39	
		270	0		25.17	
	DFT-s-OFDM 16QAM	1	137		25.10	
DFT-s-OFDM 64QAM	1	137		23.73		
DFT-s-OFDM 256QAM	1	137		21.71		
BW	MCS Index	Channel		633000	633334	633666
		Frequency (MHz)		3495	3500.01	3504.99
90M	DFT-s-OFDM QPSK	120	63	26.19	26.24	26.12
BW	MCS Index	Channel		632668	633334	634000
		Frequency (MHz)		3490.02	3500.01	3510
80M	DFT-s-OFDM QPSK	108	55	26.07	26.26	26.14
BW	MCS Index	Channel		632334	633334	634332
		Frequency (MHz)		3485.01	3500.01	3514.98
70M	DFT-s-OFDM QPSK	90	50	26.13	26.25	26.06
BW	MCS Index	Channel		632000	633334	634666
		Frequency (MHz)		3480	3500.01	3519.99
60M	DFT-s-OFDM QPSK	81	41	26.16	26.22	26.18



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BW	MCS Index	Channel		631668	633334	635000
		Frequency (MHz)		3475.02	3500.01	3525
50M	DFT-s-OFDM QPSK	64	35	26.11	26.23	26.07
BW	MCS Index	Channel		631334	633334	635332
		Frequency (MHz)		3470.01	3500.01	3529.98
40M	DFT-s-OFDM QPSK	50	28	26.07	26.17	26.13
BW	MCS Index	Channel		630668	633334	636000
		Frequency (MHz)		3460.02	3500.01	3540
20M	DFT-s-OFDM QPSK	25	13	26.19	26.19	26.08
BW	MCS Index	Channel		630500	633334	636166
		Frequency (MHz)		3457.5	3500.01	3542.49
15M	DFT-s-OFDM QPSK	18	10	26.20	26.25	26.22
BW	MCS Index	Channel		630334	633334	636332
		Frequency (MHz)		3455.01	3500.01	3544.98
10M	DFT-s-OFDM QPSK	12	6	26.15	26.24	26.16



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n77 (SCS 30 kHz) (Ant5)_3450MHz-3550MHz for FCC						
BW	MCS Index	RB Size	RB Offset		Mid	
		Channel			633334	
		Frequency (MHz)			3500.01	
100M	DFT-s-OFDM Pi/2 BPSK	1	1		22.84	
		1	137		23.78	
		1	271		22.95	
		135	0		22.86	
		135	69		23.85	
		135	138		22.95	
		270	0		22.80	
	DFT-s-OFDM QPSK	1	1		22.98	
		1	137		23.84	
		1	271		23.01	
		135	0		23.15	
		135	69		23.90	
		135	138		22.94	
		270	0		23.03	
	DFT-s-OFDM 16QAM	135	69		22.93	
DFT-s-OFDM 64QAM	135	69		21.46		
DFT-s-OFDM 256QAM	135	69		19.43		
BW	MCS Index	Channel		633000	633334	633666
		Frequency (MHz)		3495	3500.01	3504.99
90M	DFT-s-OFDM QPSK	120	63	23.54	23.58	23.52
BW	MCS Index	Channel		632668	633334	634000
		Frequency (MHz)		3490.02	3500.01	3510
80M	DFT-s-OFDM QPSK	108	55	23.69	23.52	23.57
BW	MCS Index	Channel		632334	633334	634332
		Frequency (MHz)		3485.01	3500.01	3514.98
70M	DFT-s-OFDM QPSK	90	50	23.54	23.68	23.59
BW	MCS Index	Channel		632000	633334	634666
		Frequency (MHz)		3480	3500.01	3519.99
60M	DFT-s-OFDM QPSK	81	41	23.59	23.61	23.69



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BW	MCS Index	Channel		631668	633334	635000
		Frequency (MHz)		3475.02	3500.01	3525
50M	DFT-s-OFDM QPSK	64	35	23.67	23.54	23.51
BW	MCS Index	Channel		631334	633334	635332
		Frequency (MHz)		3470.01	3500.01	3529.98
40M	DFT-s-OFDM QPSK	50	28	23.51	23.55	23.67
BW	MCS Index	Channel		630668	633334	636000
		Frequency (MHz)		3460.02	3500.01	3540
20M	DFT-s-OFDM QPSK	25	13	23.58	23.79	23.66
BW	MCS Index	Channel		630500	633334	636166
		Frequency (MHz)		3457.5	3500.01	3542.49
15M	DFT-s-OFDM QPSK	18	10	23.59	23.58	23.64
BW	MCS Index	Channel		630334	633334	636332
		Frequency (MHz)		3455.01	3500.01	3544.98
10M	DFT-s-OFDM QPSK	12	6	23.56	23.57	23.69

n77 (SCS 30 kHz) (Ant5)_3700MHz-3980MHz for FCC						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		650000	656000	662000
		Frequency (MHz)		3750	3840	3930
100M	DFT-s-OFDM Pi/2 BPSK	1	1	22.72	22.67	22.76
		1	137	23.54	23.78	23.84
		1	271	22.83	22.85	23.46
		135	0	22.55	22.62	22.83
		135	69	23.40	23.53	23.88
		135	138	22.60	22.79	22.97
		270	0	22.45	22.46	22.71
	DFT-s-OFDM QPSK	1	1	22.68	22.62	22.85
		1	137	23.59	23.57	23.94
		1	271	22.74	22.97	23.51
		135	0	22.56	22.65	22.77
		135	69	23.55	23.64	23.99
		135	138	22.63	22.81	23.02
		270	0	22.56	22.58	22.79
	DFT-s-OFDM 16QAM	1	137	22.57	22.55	22.99
	DFT-s-OFDM 64QAM	1	137	21.16	21.27	21.46
	DFT-s-OFDM 256QAM	1	137	19.27	19.38	19.52
	BW	MCS Index	Channel		649668	656000
		Frequency (MHz)		3745.02	3840	3934.98
90M	DFT-s-OFDM QPSK	120	63	23.63	23.67	23.83
BW	MCS Index	Channel		649334	656000	662666
		Frequency (MHz)		3740.01	3840	3939.99
80M	DFT-s-OFDM QPSK	108	55	23.58	23.74	23.91
BW	MCS Index	Channel		649000	656000	663000
		Frequency (MHz)		3735	3840	3945
70M	DFT-s-OFDM QPSK	90	50	23.52	23.85	23.90
BW	MCS Index	Channel		648668	656000	663332
		Frequency (MHz)		3730.02	3840	3949.98
60M	DFT-s-OFDM QPSK	81	41	23.58	23.67	23.93



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BW	MCS Index	Channel		648334	656000	663666
		Frequency (MHz)		3725.01	3840	3954.99
50M	DFT-s-OFDM QPSK	64	35	23.68	23.54	23.83
BW	MCS Index	Channel		648000	656000	664000
		Frequency (MHz)		3720	3840	3960
40M	DFT-s-OFDM QPSK	50	28	23.66	23.85	23.92
BW	MCS Index	Channel		647334	656000	664666
		Frequency (MHz)		3710.01	3840	3969.99
20M	DFT-s-OFDM QPSK	25	13	23.58	23.67	23.96
BW	MCS Index	Channel		647168	656000	664832
		Frequency (MHz)		3707.52	3840	3972.48
15M	DFT-s-OFDM QPSK	18	10	23.52	23.75	23.85
BW	MCS Index	Channel		647000	656000	665000
		Frequency (MHz)		3705	3840	3975
10M	DFT-s-OFDM QPSK	12	6	23.68	23.81	23.86

n78 (SCS 30 kHz) _(Ant5)_ 3450MHz-3550MHz for FCC						
BW	MCS Index	RB Size	RB Offset		Mid	
		Channel			633334	
		Frequency (MHz)			3500.01	
100M	DFT-s-OFDM Pi/2 BPSK	1	1		22.65	
		1	137		23.55	
		1	271		22.55	
		135	0		22.37	
		135	69		23.63	
		135	138		22.12	
		270	0		22.39	
	DFT-s-OFDM QPSK	1	1		22.54	
		1	137		23.63	
		1	271		22.52	
		135	0		22.18	
		135	69		23.76	
		135	138		22.18	
	DFT-s-OFDM 16QAM	1	137		22.39	
		1	137		21.09	
1		137		19.11		
90M	DFT-s-OFDM QPSK	Channel		633000	633334	633666
		Frequency (MHz)		3495	3500.01	3504.99
90M	DFT-s-OFDM QPSK	120	63	23.64	23.61	23.59
80M	DFT-s-OFDM QPSK	Channel		632668	633334	634000
		Frequency (MHz)		3490.02	3500.01	3510
80M	DFT-s-OFDM QPSK	108	55	23.58	23.72	23.61
70M	DFT-s-OFDM QPSK	Channel		632334	633334	634332
		Frequency (MHz)		3485.01	3500.01	3514.98
70M	DFT-s-OFDM QPSK	90	50	23.53	23.55	23.58
60M	DFT-s-OFDM QPSK	Channel		632000	633334	634666
		Frequency (MHz)		3480	3500.01	3519.99
60M	DFT-s-OFDM QPSK	81	41	23.65	23.67	23.59



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BW	MCS Index	Channel		631668	633334	635000
		Frequency (MHz)		3475.02	3500.01	3525
50M	DFT-s-OFDM QPSK	64	35	23.58	23.64	23.56
BW	MCS Index	Channel		631334	633334	635332
		Frequency (MHz)		3470.01	3500.01	3529.98
40M	DFT-s-OFDM QPSK	50	28	23.57	23.73	23.65
BW	MCS Index	Channel		630668	633334	636000
		Frequency (MHz)		3460.02	3500.01	3540
20M	DFT-s-OFDM QPSK	25	13	23.61	23.68	23.57
BW	MCS Index	Channel		630500	633334	636166
		Frequency (MHz)		3457.5	3500.01	3542.49
15M	DFT-s-OFDM QPSK	18	10	23.68	23.59	23.53
BW	MCS Index	Channel		630334	633334	636332
		Frequency (MHz)		3455.01	3500.01	3544.98
10M	DFT-s-OFDM QPSK	12	6	23.65	23.57	23.62



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ANT 7(UP):

n41 (SCS 15 kHz) (Ant7)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		504201	518601	532998
		Frequency (MHz)		2521.005	2593.005	2664.99
50M	DFT-s-OFDM Pi/2 BPSK	1	1	19.29	19.30	19.05
		1	135	19.98	20.09	19.95
		1	268	19.12	19.32	18.96
		135	0	19.14	19.08	19.04
		135	68	20.16	20.20	19.96
		135	135	18.93	18.97	19.01
		270	0	19.04	19.12	19.08
	DFT-s-OFDM QPSK	1	1	19.36	19.32	19.08
		1	135	19.99	20.11	19.97
		1	268	19.14	19.23	19.02
		135	0	19.00	19.14	19.06
		135	68	20.11	20.21	20.06
		135	135	19.02	19.07	18.94
		270	0	18.93	19.15	18.95
	DFT-s-OFDM 16QAM	135	68	19.26	19.20	19.12
	DFT-s-OFDM 64QAM	135	68	17.73	17.66	17.53
	DFT-s-OFDM 256QAM	135	68	15.89	15.55	15.79
	BW	MCS Index	Channel		503202	518601
Frequency (MHz)			2516.01	2593.005	2670	
40M	DFT-s-OFDM QPSK	108	54	20.08	20.19	20.00
BW	MCS Index	Channel		502200	518601	534999
		Frequency (MHz)		2511	2593.005	2674.995
30M	DFT-s-OFDM QPSK	80	40	20.11	20.22	20.07
BW	MCS Index	Channel		501201	518601	535998
		Frequency (MHz)		2506.005	2593.005	2679.99
20M	DFT-s-OFDM QPSK	50	25	20.05	20.18	20.06
BW	MCS Index	Channel		500700	518601	536499
		Frequency (MHz)		2503.5	2593.005	2682.495



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15M	DFT-s-OFDM QPSK	36	18	20.11	20.23	20.05
BW	MCS Index	Channel		500202	518601	537000
		Frequency (MHz)		2501.01	2593.005	2685
10M	DFT-s-OFDM QPSK	25	12	20.07	20.23	19.99

n77 (SCS 15 kHz) (Ant7)_3450MHz-3550MHz for FCC							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	
		Channel		631667	633334	635000	
		Frequency (MHz)		3475.005	3500.01	3525	
50M	DFT-s-OFDM Pi/2 BPSK	1	1	23.68	23.91	24.12	
		1	135	23.90	24.23	24.36	
		1	268	24.06	24.24	24.09	
		135	0	23.18	23.26	23.51	
		135	68	24.05	24.38	24.29	
		135	135	23.30	23.57	23.43	
		270	0	23.32	23.57	23.51	
	DFT-s-OFDM QPSK	1	1	23.73	23.97	24.15	
		1	135	24.05	24.30	24.40	
		1	268	24.07	24.28	24.17	
		135	0	23.19	23.39	23.64	
		135	68	24.10	24.45	24.41	
		135	135	23.37	23.58	23.57	
	270	0	23.35	23.71	23.60		
	DFT-s-OFDM 16QAM	135	68	23.36	23.74	23.57	
	DFT-s-OFDM 64QAM	135	68	22.08	22.15	22.04	
	DFT-s-OFDM 256QAM	135	68	20.12	20.08	20.10	
	BW	MCS Index	Channel		631334	633334	635333
			Frequency (MHz)		3470.01	3500.01	3529.995
	40M	DFT-s-OFDM QPSK	108	54	24.03	24.19	24.33
	BW	MCS Index	Channel		630667	633334	636000
Frequency (MHz)			3460.005	3500.01	3540		
20M	DFT-s-OFDM QPSK	50	25	24.06	24.38	24.35	



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BW	MCS Index	Channel		630500	633334	636166
		Frequency (MHz)		3457.5	3500.01	3542.49
15M	DFT-s-OFDM QPSK	36	18	23.96	24.37	24.36
BW	MCS Index	Channel		630334	633334	636333
		Frequency (MHz)		3455.01	3500.01	3544.995
10M	DFT-s-OFDM QPSK	25	12	23.91	24.24	24.35

n77 (SCS 15 kHz) (Ant7)_3700MHz-3980MHz for FCC							
BW	MCS Index	RB Size	RB Offset	Mid	Mid	High	
		Channel		648334	656000	663666	
		Frequency (MHz)		3725.01	3840	3954.99	
50M	DFT-s-OFDM Pi/2 BPSK	1	1	24.30	24.17	24.39	
		1	135	24.74	24.50	24.75	
		1	268	24.31	24.19	24.50	
		135	0	23.65	23.44	23.79	
		135	68	24.67	24.56	24.88	
		135	135	23.65	23.48	23.79	
		270	0	23.53	23.55	23.73	
	DFT-s-OFDM QPSK	1	1	24.45	24.21	24.49	
		1	135	24.79	24.53	24.88	
		1	268	24.43	24.28	24.58	
		135	0	23.71	23.53	23.85	
		135	68	24.81	24.67	24.91	
		135	135	23.68	23.58	23.90	
		270	0	23.64	23.59	23.86	
	DFT-s-OFDM 16QAM	135	68	23.81	23.52	24.00	
	DFT-s-OFDM 64QAM	135	68	22.42	22.26	22.38	
	DFT-s-OFDM 256QAM	135	68	20.36	20.28	20.45	
	BW	MCS Index	Channel		648000	656000	664000
			Frequency (MHz)		3720	3840	3960
	40M	DFT-s-OFDM QPSK	108	54	24.72	24.46	24.83



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BW	MCS Index	Channel		647334	656000	664666
		Frequency (MHz)		3710.01	3840	3969.99
20M	DFT-s-OFDM QPSK	50	25	24.67	24.56	24.79
BW	MCS Index	Channel		647167	656000	664833
		Frequency (MHz)		3707.505	3840	3972.495
15M	DFT-s-OFDM QPSK	36	18	24.77	24.54	24.76
BW	MCS Index	Channel		650000	656000	665000
		Frequency (MHz)		3750	3840	3975
10M	DFT-s-OFDM QPSK	25	12	24.74	24.63	24.69

n78 (SCS 15 kHz) _(Ant7)_3450MHz-3550MHz for FCC						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		631667	633334	635000
		Frequency (MHz)		3475.005	3500.01	3525
50M	DFT-s-OFDM Pi/2 BPSK	1	1	23.53	23.82	24.01
		1	135	23.98	24.17	24.14
		1	268	23.99	24.10	24.05
		135	0	23.08	23.37	23.41
		135	68	24.10	24.39	24.40
		135	135	23.27	23.54	23.50
	DFT-s-OFDM QPSK	270	0	23.14	23.40	23.50
		1	1	23.59	23.90	24.13
		1	135	24.09	24.28	24.27
		1	268	24.00	24.19	24.10
		135	0	23.10	23.43	23.47
		135	68	24.23	24.45	24.48
	DFT-s-OFDM 16QAM	135	135	23.35	23.57	23.54
		270	0	23.29	23.48	23.60
	DFT-s-OFDM 16QAM	135	68	23.36	23.58	23.61
	DFT-s-OFDM 64QAM	135	68	22.13	22.21	22.12
	DFT-s-OFDM 256QAM	135	68	20.09	20.14	20.10



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BW	MCS Index	Channel		631334	633334	635333
		Frequency (MHz)		3470.01	3500.01	3529.995
40M	DFT-s-OFDM QPSK	108	54	23.95	24.21	24.23
BW	MCS Index	Channel		630667	633334	636000
		Frequency (MHz)		3460.005	3500.01	3540
20M	DFT-s-OFDM QPSK	50	25	24.09	24.32	24.40
BW	MCS Index	Channel		630500	633334	636166
		Frequency (MHz)		3457.5	3500.01	3542.49
15M	DFT-s-OFDM QPSK	36	18	23.98	24.19	24.18
BW	MCS Index	Channel		630334	633334	636333
		Frequency (MHz)		3455.01	3500.01	3544.995
10M	DFT-s-OFDM QPSK	25	12	24.04	24.20	24.18



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n41 (SCS 30 kHz)_Ant7						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		509202	518598	528000
		Frequency (MHz)		2546.01	2592.99	2640
100M	DFT-s-OFDM Pi/2 BPSK	1	1	19.37	19.40	19.11
		1	137	20.07	20.28	20.09
		1	271	19.06	19.27	19.02
		135	0	19.19	19.13	19.06
		135	69	20.21	20.22	20.13
		135	138	19.21	19.12	19.07
		270	0	19.06	19.17	19.02
	DFT-s-OFDM QPSK	1	1	19.42	19.43	19.13
		1	137	20.13	20.24	20.07
		1	271	19.16	19.36	19.11
		135	0	19.15	19.17	19.08
		135	69	20.26	20.30	20.08
		135	138	19.05	19.11	19.04
	DFT-s-OFDM 16QAM	270	0	19.07	19.18	19.09
		135	69	19.32	19.25	19.16
		135	69	17.83	17.69	17.61
DFT-s-OFDM 64QAM	135	69	15.91	15.70	15.80	
	135	69				
DFT-s-OFDM 256QAM	135	69				
	135	69				
BW	MCS Index	Channel		508200	518598	528996
		Frequency (MHz)		2541	2592.99	2644.98
90M	DFT-s-OFDM QPSK	120	63	20.18	20.13	20.11
BW	MCS Index	Channel		507204	518598	529998
		Frequency (MHz)		2536.02	2592.99	2649.99
80M	DFT-s-OFDM QPSK	108	55	20.17	20.08	20.13
BW	MCS Index	Channel		506202	518598	531000
		Frequency (MHz)		2531.01	2592.99	2655
70M	DFT-s-OFDM QPSK	90	50	20.22	20.29	20.05
BW	MCS Index	Channel		505200	518598	531996
		Frequency (MHz)		2526	2592.99	2659.98



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60M	DFT-s-OFDM QPSK	81	41	20.06	20.21	20.17
BW	MCS Index	Channel		504204	518598	532998
		Frequency (MHz)		2521.02	2592.99	2664.99
50M	DFT-s-OFDM QPSK	64	35	20.04	20.16	20.08
BW	MCS Index	Channel		503202	518598	534000
		Frequency (MHz)		2516.01	2592.99	2670
40M	DFT-s-OFDM QPSK	50	28	20.17	20.20	20.15
BW	MCS Index	Channel		502200	518598	534996
		Frequency (MHz)		2511	2592.99	2674.98
30M	DFT-s-OFDM QPSK	36	21	20.14	20.25	20.02
BW	MCS Index	Channel		501204	518598	535998
		Frequency (MHz)		2506.02	2592.99	2679.99
20M	DFT-s-OFDM QPSK	25	13	20.23	20.04	20.06
BW	MCS Index	Channel		500700	518598	536496
		Frequency (MHz)		2503.5	2592.99	2682.48
15M	DFT-s-OFDM QPSK	18	10	20.14	20.22	20.04
BW	MCS Index	Channel		500202	518598	537000
		Frequency (MHz)		2501.01	2592.99	2685
10M	DFT-s-OFDM QPSK	12	6	20.18	20.17	20.12

n77 (SCS 30 kHz) (Ant7)_3450MHz-3550MHz for FCC						
BW	MCS Index	RB Size	RB Offset		Mid	
		Channel			633334	
		Frequency (MHz)			3500.01	
100M	DFT-s-OFDM Pi/2 BPSK	1	1		23.77	
		1	137		24.58	
		1	271		23.74	
		135	0		23.68	
		135	69		24.59	
		135	138		23.72	
	DFT-s-OFDM QPSK	270	0		23.66	
		1	1		23.72	
		1	137		24.61	
		1	271		23.87	
		135	0		23.64	
		135	69		24.71	
	DFT-s-OFDM 16QAM	135	138		23.66	
		270	0		23.52	
		1	137		23.57	
		1	137		22.24	
DFT-s-OFDM 256QAM	1	137		20.23		
BW	MCS Index	Channel		633000	633334	633666
		Frequency (MHz)		3495	3500.01	3504.99
90M	DFT-s-OFDM QPSK	120	63	24.65	24.49	24.19
BW	MCS Index	Channel		632668	633334	634000
		Frequency (MHz)		3490.02	3500.01	3510
80M	DFT-s-OFDM QPSK	108	55	24.58	24.55	24.56
BW	MCS Index	Channel		632334	633334	634332
		Frequency (MHz)		3485.01	3500.01	3514.98
70M	DFT-s-OFDM QPSK	90	50	24.55	24.68	24.64
BW	MCS Index	Channel		632000	633334	634666
		Frequency (MHz)		3480	3500.01	3519.99



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60M	DFT-s-OFDM QPSK	81	41	24.46	24.66	24.65
BW	MCS Index	Channel		631668	633334	635000
		Frequency (MHz)		3475.02	3500.01	3525
50M	DFT-s-OFDM QPSK	64	35	24.61	24.44	24.67
BW	MCS Index	Channel		631334	633334	635332
		Frequency (MHz)		3470.01	3500.01	3529.98
40M	DFT-s-OFDM QPSK	50	28	24.63	24.55	24.61
BW	MCS Index	Channel		630668	633334	636000
		Frequency (MHz)		3460.02	3500.01	3540
20M	DFT-s-OFDM QPSK	25	13	24.59	24.68	24.59
BW	MCS Index	Channel		630500	633334	636166
		Frequency (MHz)		3457.5	3500.01	3542.49
15M	DFT-s-OFDM QPSK	18	10	24.64	24.51	24.65
BW	MCS Index	Channel		630334	633334	636332
		Frequency (MHz)		3455.01	3500.01	3544.98
10M	DFT-s-OFDM QPSK	12	6	24.60	24.55	24.69



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n77 (SCS 30 kHz) (Ant7)_3700MHz-3980MHz for FCC						
BW	MCS Index	RB Size	RB Offset	Mid	Mid	High
		Channel		650000	656000	662000
		Frequency (MHz)		3750	3840	3930
100M	DFT-s-OFDM Pi/2 BPSK	1	1	24.01	23.87	23.87
		1	137	24.97	24.77	24.98
		1	271	24.27	24.28	24.51
		135	0	23.76	23.53	23.91
		135	69	24.79	24.89	24.83
		135	138	23.96	23.91	24.08
		270	0	23.77	23.77	23.94
	DFT-s-OFDM QPSK	1	1	24.10	23.96	23.87
		1	137	24.96	24.79	25.07
		1	271	24.28	23.97	24.55
		135	0	23.83	23.65	24.09
		135	69	25.04	24.96	25.11
		135	138	24.06	24.01	24.25
		270	0	23.91	23.80	24.05
	DFT-s-OFDM 16QAM	1	137	24.10	23.96	24.36
	DFT-s-OFDM 64QAM	1	137	22.67	22.54	23.10
DFT-s-OFDM 256QAM	1	137	20.63	20.30	20.84	
BW	MCS Index	Channel		649668	656000	662332
		Frequency (MHz)		3745.02	3840	3934.98
90M	DFT-s-OFDM QPSK	120	63	24.67	24.50	24.69
BW	MCS Index	Channel		649334	656000	662666
		Frequency (MHz)		3740.01	3840	3939.99
80M	DFT-s-OFDM QPSK	108	55	24.61	24.80	24.75
BW	MCS Index	Channel		649000	656000	663000
		Frequency (MHz)		3735	3840	3945
70M	DFT-s-OFDM QPSK	90	50	24.69	24.83	24.71
BW	MCS Index	Channel		648668	656000	663332
		Frequency (MHz)		3730.02	3840	3949.98



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60M	DFT-s-OFDM QPSK	81	41	24.66	24.55	24.72
BW	MCS Index	Channel		648334	656000	663666
		Frequency (MHz)		3725.01	3840	3954.99
50M	DFT-s-OFDM QPSK	64	35	24.66	24.72	24.75
BW	MCS Index	Channel		648000	656000	664000
		Frequency (MHz)		3720	3840	3960
40M	DFT-s-OFDM QPSK	50	28	24.68	24.57	24.62
BW	MCS Index	Channel		647334	656000	664666
		Frequency (MHz)		3710.01	3840	3969.99
20M	DFT-s-OFDM QPSK	25	13	24.61	24.63	24.72
BW	MCS Index	Channel		647168	656000	664832
		Frequency (MHz)		3707.52	3840	3972.48
15M	DFT-s-OFDM QPSK	18	10	24.71	24.74	24.70
BW	MCS Index	Channel		647000	656000	665000
		Frequency (MHz)		3705	3840	3975
10M	DFT-s-OFDM QPSK	12	6	24.60	24.78	24.69

n78 (SCS 30 kHz) _(Ant7)_3450MHz-3550MHz for FCC						
BW	MCS Index	RB Size	RB Offset		Mid	
		Channel			633334	
		Frequency (MHz)			3500.01	
100M	DFT-s-OFDM Pi/2 BPSK	1	1		23.64	
		1	137		24.28	
		1	271		23.83	
		135	0		23.04	
		135	69		24.27	
		135	138		23.15	
		270	0		23.10	
	DFT-s-OFDM QPSK	1	1		23.58	
		1	137		24.31	
		1	271		23.59	
		135	0		23.14	
		135	69		24.45	
		135	138		23.29	
		270	0		23.19	
	DFT-s-OFDM 16QAM	1	137		23.21	
	DFT-s-OFDM 64QAM	1	137		22.07	
	DFT-s-OFDM 256QAM	1	137		20.12	
	BW	MCS Index	Channel		633000	633334
Frequency (MHz)			3495	3500.01	3504.99	
90M	DFT-s-OFDM QPSK	120	63	24.15	24.27	24.13
BW	MCS Index	Channel		632668	633334	634000
		Frequency (MHz)		3490.02	3500.01	3510
80M	DFT-s-OFDM QPSK	108	55	24.17	24.29	24.23
BW	MCS Index	Channel		632334	633334	634332
		Frequency (MHz)		3485.01	3500.01	3514.98
70M	DFT-s-OFDM QPSK	90	50	24.24	24.09	24.15
BW	MCS Index	Channel		632000	633334	634666
		Frequency (MHz)		3480	3500.01	3519.99



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60M	DFT-s-OFDM QPSK	81	41	24.27	24.30	24.26
BW	MCS Index	Channel		631668	633334	635000
		Frequency (MHz)		3475.02	3500.01	3525
50M	DFT-s-OFDM QPSK	64	35	24.19	24.22	24.10
BW	MCS Index	Channel		631334	633334	635332
		Frequency (MHz)		3470.01	3500.01	3529.98
40M	DFT-s-OFDM QPSK	50	28	24.28	24.13	24.01
BW	MCS Index	Channel		630668	633334	636000
		Frequency (MHz)		3460.02	3500.01	3540
20M	DFT-s-OFDM QPSK	25	13	24.06	24.29	24.15
BW	MCS Index	Channel		630500	633334	636166
		Frequency (MHz)		3457.5	3500.01	3542.49
15M	DFT-s-OFDM QPSK	18	10	24.23	24.23	24.29
BW	MCS Index	Channel		630334	633334	636332
		Frequency (MHz)		3455.01	3500.01	3544.98
10M	DFT-s-OFDM QPSK	12	6	24.17	24.21	24.22



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EIRP

FDD 15KHz TDD 30KHz:

ANT 4(UP):

n2 20M DFT-s-OFDM Pi/2 BPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
372000	1860	23.77	0.4	24.17	261.22	2
376000	1880	23.75	0.4	24.15	260.02	2
380000	1900	23.71	0.4	24.11	257.63	2

n2 20M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
372000	1860	23.81	0.4	24.21	263.63	2
376000	1880	23.84	0.4	24.24	265.46	2
380000	1900	23.73	0.4	24.13	258.82	2

n2 20M DFT-s-OFDM 16QAM(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
372000	1860	22.79	0.4	23.19	208.45	2
376000	1880	22.72	0.4	23.12	205.12	2
380000	1900	22.74	0.4	23.14	206.06	2

n2 20M DFT-s-OFDM 64QAM(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
372000	1860	21.42	0.4	21.82	152.05	2
376000	1880	21.33	0.4	21.73	148.94	2
380000	1900	21.39	0.4	21.79	151.01	2

n2 20M DFT-s-OFDM 256QAM(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
372000	1860	19.5	0.4	19.9	97.72	2
376000	1880	19.41	0.4	19.81	95.72	2
380000	1900	19.47	0.4	19.87	97.05	2



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n2 15M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
371500	1857.5	23.78	0.4	24.18	261.82	2
376000	1880	23.74	0.4	24.14	259.42	2
380500	1902.5	23.65	0.4	24.05	254.1	2

n2 10M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
371000	1855	23.67	0.4	24.07	255.27	2
376000	1880	23.71	0.4	24.11	257.63	2
381000	1905	23.62	0.4	24.02	252.35	2

n2 5M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
370500	1852.5	23.58	0.4	23.98	250.03	2
376000	1880	23.76	0.4	24.16	260.62	2
381500	1907.5	23.63	0.4	24.03	252.93	2

n5 20M DFT-s-OFDM Pi/2 BPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	Limit (W)
166800	834	24.58	-5.2	17.23	52.84	7
167300	836.5	24.54	-5.2	17.19	52.36	7
167800	839	24.51	-5.2	17.16	52	7

n5 20M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	Limit (W)
166800	834	24.53	-5.2	17.18	52.24	7
167300	836.5	24.64	-5.2	17.29	53.58	7
167800	839	24.59	-5.2	17.24	52.97	7



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n5 20M DFT-s-OFDM 16QAM(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	Limit (W)
166800	834	23.58	-5.2	16.23	41.98	7
167300	836.5	23.6	-5.2	16.25	42.17	7
167800	839	23.58	-5.2	16.23	41.98	7

n5 20M DFT-s-OFDM 64QAM(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	Limit (W)
166800	834	22.03	-5.2	14.68	29.38	7
167300	836.5	22.05	-5.2	14.7	29.51	7
167800	839	22.1	-5.2	14.75	29.85	7

n5 20M DFT-s-OFDM 256QAM(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	Limit (W)
166800	834	20	-5.2	12.65	18.41	7
167300	836.5	20.09	-5.2	12.74	18.79	7
167800	839	20.07	-5.2	12.72	18.71	7

n5 15M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	Limit (W)
166300	831.5	24.49	-5.2	17.14	51.76	7
167300	836.5	24.55	-5.2	17.2	52.48	7
168300	841.5	24.44	-5.2	17.09	51.17	7

n5 10M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	Limit (W)
165800	829	24.4	-5.2	17.05	50.7	7
167300	836.5	24.39	-5.2	17.04	50.58	7
168800	844	24.49	-5.2	17.14	51.76	7

n5 5M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	Limit (W)
165300	826.5	24.58	-5.2	17.23	52.84	7
167300	836.5	24.52	-5.2	17.17	52.12	7
169300	846.5	24.37	-5.2	17.02	50.35	7

n7 50M DFT-s-OFDM Pi/2 BPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
505000	2525	23.98	-1.4	22.58	181.13	2
507000	2535	23.92	-1.4	22.52	178.65	2
509000	2545	23.95	-1.4	22.55	179.89	2

n7 50M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
505000	2525	24.04	-1.4	22.64	183.65	2
507000	2535	24.03	-1.4	22.63	183.23	2
509000	2545	23.99	-1.4	22.59	181.55	2

n7 50M DFT-s-OFDM 16QAM(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
505000	2525	23.07	-1.4	21.67	146.89	2
507000	2535	23.03	-1.4	21.63	145.55	2
509000	2545	23.03	-1.4	21.63	145.55	2

n7 50M DFT-s-OFDM 64QAM(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
505000	2525	21.6	-1.4	20.2	104.71	2
507000	2535	21.61	-1.4	20.21	104.95	2
509000	2545	21.57	-1.4	20.17	103.99	2



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n7 50M DFT-s-OFDM 256QAM(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
505000	2525	19.68	-1.4	18.28	67.3	2
507000	2535	19.54	-1.4	18.14	65.16	2
509000	2545	19.59	-1.4	18.19	65.92	2

n7 40M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
503500	2517.5	23.99	-1.4	22.59	181.55	2
507000	2535	24.01	-1.4	22.61	182.39	2
510500	2552.5	23.94	-1.4	22.54	179.47	2

n7 30M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
503000	2515	23.95	-1.4	22.55	179.89	2
507000	2535	23.94	-1.4	22.54	179.47	2
511000	2555	23.92	-1.4	22.52	178.65	2

n7 25M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
502500	2512.5	24.02	-1.4	22.62	182.81	2
507000	2535	23.97	-1.4	22.57	180.72	2
511500	2557.5	23.91	-1.4	22.51	178.24	2

n7 20M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
502000	2510	24	-1.4	22.6	181.97	2
507000	2535	23.86	-1.4	22.46	176.2	2
512000	2560	23.91	-1.4	22.51	178.24	2



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n7 15M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
501500	2507.5	23.89	-1.4	22.49	177.42	2
507000	2535	23.95	-1.4	22.55	179.89	2
512500	2562.5	23.68	-1.4	22.28	169.04	2

n7 10M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
501000	2505	23.92	-1.4	22.52	178.65	2
507000	2535	23.75	-1.4	22.35	171.79	2
513000	2565	23.84	-1.4	22.44	175.39	2

n7 5M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
501500	2502.5	23.82	-1.4	22.42	174.58	2
507000	2535	23.88	-1.4	22.48	177.01	2
512500	2567.5	23.91	-1.4	22.51	178.24	2

n12 15M DFT-s-OFDM Pi/2 BPSKSCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
141300	706.5	23.77	-5.6	18.17	65.61	3
141500	707.5	23.84	-5.6	18.24	66.68	2
141700	708.5	23.81	-5.6	18.21	66.22	2

n12 15M DFT-s-OFDM QPSKSCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
141300	706.5	23.78	-5.6	18.18	65.77	2
141500	707.5	23.92	-5.6	18.32	67.92	2
141700	708.5	23.88	-5.6	18.28	67.3	2



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n12 15M DFT-s-OFDM 16QAMSCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
141300	706.5	22.85	-5.6	17.25	53.09	2
141500	707.5	22.84	-5.6	17.24	52.97	2
141700	708.5	22.74	-5.6	17.14	51.76	2

n12 15M DFT-s-OFDM 64QAMSCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
141300	706.5	21.66	-5.6	16.06	40.36	2
141500	707.5	21.66	-5.6	16.06	40.36	2
141700	708.5	21.53	-5.6	15.93	39.17	2

n12 15M DFT-s-OFDM 256QAMSCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
141300	706.5	19.62	-5.6	14.02	25.23	2
141500	707.5	19.54	-5.6	13.94	24.77	2
141700	708.5	19.54	-5.6	13.94	24.77	2

n12 10M DFT-s-OFDM QPSKSCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
140800	704	23.69	-5.6	18.09	64.42	2
141500	707.5	23.78	-5.6	18.18	65.77	2
142200	711	23.7	-5.6	18.1	64.57	2

n12 5M DFT-s-OFDM QPSKSCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
140300	701.5	23.65	-5.6	18.05	63.83	2
141500	707.5	23.77	-5.6	18.17	65.61	2
142700	713.5	23.86	-5.6	18.26	66.99	2



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n26 10M DFT-s-OFDM BPSK(SCS 15 kHz) _Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
163800	819	23.95	-5.2	18.75	74.99	7

n26 10M DFT-s-OFDM QPSK(SCS 15 kHz) _Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
163800	819	24.11	-5.2	18.91	77.8	7

n26 10M DFT-s-OFDM 16QAM(SCS 15 kHz) _Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
163800	819	22.96	-5.2	17.76	59.7	7

n26 10M DFT-s-OFDM 64QAM(SCS 15 kHz) _Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
163800	819	21.72	-5.2	16.52	44.87	7

n26 10M DFT-s-OFDM 256QAM(SCS 15 kHz) _Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
163800	819	19.59	-5.2	14.39	27.48	7

n26 5M DFT-s-OFDM QPSK(SCS 15 kHz) _Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
163300	816.5	23.94	-5.2	18.74	74.82	7
163800	819	23.75	-5.2	18.55	71.61	7
164300	821.5	23.89	-5.2	18.69	73.96	7



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n26 20M DFT-s-OFDM BPSK(SCS 15 kHz) _H						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
166800	834	23.99	-5.2	18.79	75.68	7
167300	836.5	23.98	-5.2	18.78	75.51	7
167800	839	24.07	-5.2	18.87	77.09	7

n26 20M DFT-s-OFDM QPSK(SCS 15 kHz) _H						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
166800	834	23.99	-5.2	18.79	75.68	7
167300	836.5	24.18	-5.2	18.98	79.07	7
167800	839	24.09	-5.2	18.89	77.45	7

n26 20M DFT-s-OFDM 16QAM(SCS 15 kHz) _H						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
166800	834	23	-5.2	17.8	60.26	7
167300	836.5	23.08	-5.2	17.88	61.38	7
167800	839	23.08	-5.2	17.88	61.38	7

n26 20M DFT-s-OFDM 64QAM(SCS 15 kHz) _H						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
166800	834	21.5	-5.2	16.3	42.66	7
167300	836.5	21.58	-5.2	16.38	43.45	7
167800	839	21.56	-5.2	16.36	43.25	7

n26 20M DFT-s-OFDM 256QAM(SCS 15 kHz) _H						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
166800	834	19.54	-5.2	14.34	27.16	7
167300	836.5	19.55	-5.2	14.35	27.23	7
167800	839	19.58	-5.2	14.38	27.42	7



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n26 15M DFT-s-OFDM QPSK(SCS 15 kHz) _H						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
166300	831.5	23.93	-5.2	18.73	74.64	7
167300	836.5	23.67	-5.2	18.47	70.31	7
168300	841.5	23.89	-5.2	18.69	73.96	7

n26 10M DFT-s-OFDM QPSK(SCS 15 kHz) _H						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
165800	829	23.76	-5.2	18.56	71.78	7
167300	836.5	23.91	-5.2	18.71	74.3	7
168800	844	24.04	-5.2	18.84	76.56	7

n26 5M DFT-s-OFDM QPSK(SCS 15 kHz) _H						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
165300	826.5	23.87	-5.2	18.67	73.62	7
167300	836.5	23.93	-5.2	18.73	74.64	7
169300	846.5	23.92	-5.2	18.72	74.47	7

n38 40M DFT-s-OFDM Pi/2 BPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
518000	2590	23.57	-1	22.57	180.72	2
519000	2595	23.54	-1	22.54	179.47	2
520000	2600	23.51	-1	22.51	178.24	2

n38 40M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
518000	2590	23.52	-1	22.52	178.65	2
519000	2595	23.55	-1	22.55	179.89	2
520000	2600	23.59	-1	22.59	181.55	2



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n38 40M DFT-s-OFDM 16QAM(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
518000	2590	22.7	-1	21.7	147.91	2
519000	2595	22.52	-1	21.52	141.91	2
520000	2600	22.74	-1	21.74	149.28	2

n38 40M DFT-s-OFDM 64QAM(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
518000	2590	21.62	-1	20.62	115.35	2
519000	2595	21.67	-1	20.67	116.68	2
520000	2600	21.54	-1	20.54	113.24	2

n38 40M DFT-s-OFDM 256QAM(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
518000	2590	19.61	-1	18.61	72.61	2
519000	2595	19.78	-1	18.78	75.51	2
520000	2600	19.64	-1	18.64	73.11	2

n38 30M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
517000	2585	23.36	-1	22.36	172.19	2
519000	2595	23.29	-1	22.29	169.43	2
521000	2605	23.41	-1	22.41	174.18	2

n38 25M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
516500	2582.5	23.27	-1	22.27	168.66	2
519000	2595	23.46	-1	22.46	176.2	2
521500	2607.5	23.44	-1	22.44	175.39	2



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n38 20M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
516000	2582.5	23.43	-1	22.43	174.98	2
519000	2595	23.32	-1	22.32	170.61	2
522000	2610	23.45	-1	22.45	175.79	2

n38 15M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
515500	2577.5	23.46	-1	22.46	176.2	2
519000	2595	23.43	-1	22.43	174.98	2
522500	2612.5	23.28	-1	22.28	169.04	2

n38 10M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
515000	2575	23.46	-1	22.46	176.2	2
519000	2595	23.44	-1	22.44	175.39	2
523000	2615	23.47	-1	22.47	176.6	2

n41 100M DFT-s-OFDM Pi/2 BPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	24.05	-1	23.05	201.84	2
518598	2592.99	23.91	-1	22.91	195.43	2
528000	2640	23.92	-1	22.92	195.88	2

n41 100M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	23.85	-1	22.85	192.75	2
518598	2592.99	24.06	-1	23.06	202.3	2
528000	2640	23.94	-1	22.94	196.79	2



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n41 100M DFT-s-OFDM 16QAM(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	22.93	-1	21.93	155.96	2
518598	2592.99	22.94	-1	21.94	156.31	2
528000	2640	22.98	-1	21.98	157.76	2

n41 100M DFT-s-OFDM 64QAM(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	21.63	-1	20.63	115.61	2
518598	2592.99	21.71	-1	20.71	117.76	2
528000	2640	21.57	-1	20.57	114.02	2

n41 100M DFT-s-OFDM 256QAM(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	19.71	-1	18.71	74.3	2
518598	2592.99	19.62	-1	18.62	72.78	2
528000	2640	19.55	-1	18.55	71.61	2

n41 90M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
508200	2541	23.77	-1	22.77	189.23	2
518598	2592.99	23.88	-1	22.88	194.09	2
528996	2644.98	23.87	-1	22.87	193.64	2

n41 80M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
507204	2536.02	23.84	-1	22.84	192.31	2
518598	2592.99	23.91	-1	22.91	195.43	2
529998	2649.99	23.67	-1	22.67	184.93	2

n41 70M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
506202	2531.01	23.8	-1	22.8	190.55	2
518598	2592.99	23.95	-1	22.95	197.24	2
531000	2655	23.72	-1	22.72	187.07	2

n41 60M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
505200	2526	23.69	-1	22.69	185.78	2
518598	2592.99	23.97	-1	22.97	198.15	2
531996	2659.98	23.86	-1	22.86	193.2	2

n41 50M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
504204	2521.02	23.71	-1	22.71	186.64	2
518598	2592.99	23.99	-1	22.99	199.07	2
532998	2664.99	23.87	-1	22.87	193.64	2

n41 40M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
503202	2516.01	23.82	-1	22.82	191.43	2
518598	2592.99	23.93	-1	22.93	196.34	2
534000	2670	23.88	-1	22.88	194.09	2

n41 30M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
502200	2511	23.96	-1	22.96	197.7	2
518598	2592.99	24.02	-1	23.02	200.45	2
534996	2674.98	23.82	-1	22.82	191.43	2

n41 20M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
501204	2506.02	23.83	-1	22.83	191.87	2
518598	2592.99	23.93	-1	22.93	196.34	2
535998	2679.99	23.87	-1	22.87	193.64	2

n41 15M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
500700	2503.5	23.76	-1	22.76	188.8	2
518598	2592.99	23.96	-1	22.96	197.7	2
536496	2682.48	23.84	-1	22.84	192.31	2

n41 10M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
500202	2501.01	23.73	-1	22.73	187.5	2
518598	2592.99	24.04	-1	23.04	201.37	2
537000	2685	23.89	-1	22.89	194.54	2

n66 40M DFT-s-OFDM Pi/2 BPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
346000	1730	23.99	0.3	24.29	268.53	1
349000	1745	24.09	0.3	24.39	274.79	1
352000	1760	23.87	0.3	24.17	261.22	1

n66 40M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
346000	1730	24.04	0.3	24.34	271.64	1
349000	1745	24.18	0.3	24.48	280.54	1
352000	1760	23.94	0.3	24.24	265.46	1



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n66 40M DFT-s-OFDM 16QAM(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
346000	1730	22.77	0.3	23.07	202.77	1
349000	1745	22.84	0.3	23.14	206.06	1
352000	1760	22.67	0.3	22.97	198.15	1

n66 40M DFT-s-OFDM 64QAM(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
346000	1730	21.62	0.3	21.92	155.6	1
349000	1745	21.74	0.3	22.04	159.96	1
352000	1760	21.59	0.3	21.89	154.53	1

n66 40M DFT-s-OFDM 256QAM(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
346000	1730	19.87	0.3	20.17	103.99	1
349000	1745	19.9	0.3	20.2	104.71	1
352000	1760	19.91	0.3	20.21	104.95	1

n66 35M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
345500	1727.5	23.99	0.3	24.29	268.53	1
349000	1745	24.09	0.3	24.39	274.79	1
352500	1762.5	23.87	0.3	24.17	261.22	1

n66 30M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
345000	1725	23.92	0.3	24.22	264.24	1
349000	1745	24.12	0.3	24.42	276.69	1
353000	1765	23.91	0.3	24.21	263.63	1



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n66 25M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
344500	1722.5	23.8	0.3	24.1	257.04	1
349000	1745	24	0.3	24.3	269.15	1
353500	1767.5	23.87	0.3	24.17	261.22	1

n66 20M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
344000	1720	23.81	0.3	24.11	257.63	1
349000	1745	24.03	0.3	24.33	271.02	1
354000	1770	23.93	0.3	24.23	264.85	1

n66 15M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
343500	1717.5	24.01	0.3	24.31	269.77	1
349000	1745	24.07	0.3	24.37	273.53	1
354500	1772.5	23.9	0.3	24.2	263.03	1

n66 10M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
343000	1715	23.87	0.3	24.17	261.22	1
349000	1745	23.95	0.3	24.25	266.07	1
355000	1775	23.95	0.3	24.25	266.07	1

n66 5M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
342500	1712.5	23.89	0.3	24.19	262.42	1
349000	1745	23.92	0.3	24.22	264.24	1
355500	1777.5	23.88	0.3	24.18	261.82	1



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ANT 1(DOWN):

n2 20M DFT-s-OFDM Pi/2 BPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
372000	1860	24.4	-0.6	23.8	239.88	2
376000	1880	24.44	-0.6	23.84	242.1	2
380000	1900	24.38	-0.6	23.78	238.78	2

n2 20M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
372000	1860	24.54	-0.6	23.94	247.74	2
376000	1880	24.57	-0.6	23.97	249.46	2
380000	1900	24.49	-0.6	23.89	244.91	2

n2 20M DFT-s-OFDM 16QAM(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
372000	1860	23.69	-0.6	23.09	203.7	2
376000	1880	23.72	-0.6	23.12	205.12	2
380000	1900	23.68	-0.6	23.08	203.24	2

n2 20M DFT-s-OFDM 64QAM(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
372000	1860	22.64	-0.6	22.04	159.96	2
376000	1880	22.57	-0.6	21.97	157.4	2
380000	1900	22.65	-0.6	22.05	160.32	2

n2 20M DFT-s-OFDM 256QAM(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
372000	1860	20.49	-0.6	19.89	97.5	2
376000	1880	20.38	-0.6	19.78	95.06	2
380000	1900	20.47	-0.6	19.87	97.05	2



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n2 15M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
371500	1857.5	24.39	-0.6	23.79	239.33	2
376000	1880	24.5	-0.6	23.9	245.47	2
380500	1902.5	24.34	-0.6	23.74	236.59	2

n2 10M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
371000	1855	24.41	-0.6	23.81	240.44	2
376000	1880	24.48	-0.6	23.88	244.34	2
381000	1905	24.4	-0.6	23.8	239.88	2

n2 5M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
370500	1852.5	24.5	-0.6	23.9	245.47	2
376000	1880	24.43	-0.6	23.83	241.55	2
381500	1907.5	24.44	-0.6	23.84	242.1	2

n5 20M DFT-s-OFDM Pi/2 BPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	Limit (W)
166800	834	24.71	-3.4	19.16	82.41	7
167300	836.5	24.6	-3.4	19.05	80.35	7
167800	839	24.69	-3.4	19.14	82.04	7

n5 20M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	Limit (W)
166800	834	24.73	-3.4	19.18	82.79	7
167300	836.5	24.75	-3.4	19.2	83.18	7
167800	839	24.74	-3.4	19.19	82.99	7

n5 20M DFT-s-OFDM 16QAM(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	Limit (W)
166800	834	23.73	-3.4	18.18	65.77	7
167300	836.5	23.82	-3.4	18.27	67.14	7
167800	839	23.71	-3.4	18.16	65.46	7

n5 20M DFT-s-OFDM 64QAM(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	Limit (W)
166800	834	22.45	-3.4	16.9	48.98	7
167300	836.5	22.53	-3.4	16.98	49.89	7
167800	839	22.47	-3.4	16.92	49.2	7

n5 20M DFT-s-OFDM 256QAM(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	Limit (W)
166800	834	20.28	-3.4	14.73	29.72	7
167300	836.5	20.37	-3.4	14.82	30.34	7
167800	839	20.31	-3.4	14.76	29.92	7

n5 15M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	Limit (W)
166300	831.5	24.59	-3.4	19.04	80.17	7
167300	836.5	24.71	-3.4	19.16	82.41	7
168300	841.5	24.65	-3.4	19.1	81.28	7

n5 10M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	Limit (W)
165800	829	24.67	-3.4	19.12	81.66	7
167300	836.5	24.68	-3.4	19.13	81.85	7
168800	844	24.61	-3.4	19.06	80.54	7



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n5 5M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	Limit (W)
165300	826.5	24.72	-3.4	19.17	82.6	7
167300	836.5	24.73	-3.4	19.18	82.79	7
169300	846.5	24.66	-3.4	19.11	81.47	7

n7 50M DFT-s-OFDM Pi/2 BPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
505000	2525	23.91	-0.6	23.31	214.29	2
507000	2535	23.93	-0.6	23.33	215.28	2
509000	2545	23.9	-0.6	23.3	213.8	2

n7 50M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
505000	2525	23.99	-0.6	23.39	218.27	2
507000	2535	24.05	-0.6	23.45	221.31	2
509000	2545	23.92	-0.6	23.32	214.78	2

n7 50M DFT-s-OFDM 16QAM(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
505000	2525	22.93	-0.6	22.33	171	2
507000	2535	22.94	-0.6	22.34	171.4	2
509000	2545	23.01	-0.6	22.41	174.18	2

n7 50M DFT-s-OFDM 64QAM(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
505000	2525	21.69	-0.6	21.09	128.53	2
507000	2535	21.77	-0.6	21.17	130.92	2
509000	2545	21.59	-0.6	20.99	125.6	2



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n7 50M DFT-s-OFDM 256QAM(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
505000	2525	19.83	-0.6	19.23	83.75	2
507000	2535	19.79	-0.6	19.19	82.99	2
509000	2545	19.76	-0.6	19.16	82.41	2

n7 40M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
503500	2517.5	23.84	-0.6	23.24	210.86	2
507000	2535	23.76	-0.6	23.16	207.01	2
510500	2552.5	23.91	-0.6	23.31	214.29	2

n7 30M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
503000	2515	23.83	-0.6	23.23	210.38	2
507000	2535	23.98	-0.6	23.38	217.77	2
511000	2555	23.89	-0.6	23.29	213.3	2

n7 25M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
502500	2512.5	23.97	-0.6	23.37	217.27	2
507000	2535	23.96	-0.6	23.36	216.77	2
511500	2557.5	23.85	-0.6	23.25	211.35	2

n7 20M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
502000	2510	23.96	-0.6	23.36	216.77	2
507000	2535	23.69	-0.6	23.09	203.7	2
512000	2560	23.82	-0.6	23.22	209.89	2



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n7 15M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
501500	2507.5	23.98	-0.6	23.38	217.77	2
507000	2535	23.73	-0.6	23.13	205.59	2
512500	2562.5	23.81	-0.6	23.21	209.41	2

n7 10M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
501000	2505	23.88	-0.6	23.28	212.81	2
507000	2535	23.96	-0.6	23.36	216.77	2
513000	2565	23.87	-0.6	23.27	212.32	2

n7 5M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
501500	2502.5	23.83	-0.6	23.23	210.38	2
507000	2535	24	-0.6	23.4	218.78	2
512500	2567.5	23.91	-0.6	23.31	214.29	2

n12 15M DFT-s-OFDM Pi/2 BPSKSCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
141300	706.5	24.42	-3.1	21.32	135.52	3
141500	707.5	24.36	-3.1	21.26	133.66	2
141700	708.5	24.39	-3.1	21.29	134.59	2

n12 15M DFT-s-OFDM QPSKSCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
141300	706.5	24.41	-3.1	21.31	135.21	2
141500	707.5	24.56	-3.1	21.46	139.96	2
141700	708.5	24.44	-3.1	21.34	136.14	2



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n12 15M DFT-s-OFDM 16QAMSCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
141300	706.5	23.44	-3.1	20.34	108.14	2
141500	707.5	23.4	-3.1	20.3	107.15	2
141700	708.5	23.3	-3.1	20.2	104.71	2

n12 15M DFT-s-OFDM 64QAMSCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
141300	706.5	22.23	-3.1	19.13	81.85	2
141500	707.5	22.18	-3.1	19.08	80.91	2
141700	708.5	22.16	-3.1	19.06	80.54	2

n12 15M DFT-s-OFDM 256QAMSCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
141300	706.5	20.17	-3.1	17.07	50.93	2
141500	707.5	20.09	-3.1	16.99	50	2
141700	708.5	20.11	-3.1	17.01	50.23	2

n12 10M DFT-s-OFDM QPSKSCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
140800	704	24.21	-3.1	21.11	129.12	2
141500	707.5	24.24	-3.1	21.14	130.02	2
142200	711	24.41	-3.1	21.31	135.21	2

n12 5M DFT-s-OFDM QPSKSCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
140300	701.5	24.35	-3.1	21.25	133.35	2
141500	707.5	24.37	-3.1	21.27	133.97	2
142700	713.5	24.32	-3.1	21.22	132.43	2

n26 10M DFT-s-OFDM BPSK(SCS 15 kHz) _Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
163800	819	24.47	-3.4	21.07	127.94	7

n26 10M DFT-s-OFDM QPSK(SCS 15 kHz) _Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
163800	819	24.64	-3.4	21.24	133.05	7

n26 10M DFT-s-OFDM 16QAM(SCS 15 kHz) _Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
163800	819	23.6	-3.4	20.2	104.71	7

n26 10M DFT-s-OFDM 64QAM(SCS 15 kHz) _Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
163800	819	22.13	-3.4	18.73	74.64	7

n26 10M DFT-s-OFDM 256QAM(SCS 15 kHz) _Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
163800	819	20.22	-3.4	16.82	48.08	7

n26 5M DFT-s-OFDM QPSK(SCS 15 kHz) _Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
163300	816.5	24.15	-3.4	20.75	118.85	7
163800	819	24.09	-3.4	20.69	117.22	7
164300	821.5	24.11	-3.4	20.71	117.76	7



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n26 20M DFT-s-OFDM BPSK(SCS 15 kHz) _H						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
166800	834	24.41	-3.4	21.01	126.18	7
167300	836.5	24.44	-3.4	21.04	127.06	7
167800	839	24.55	-3.4	21.15	130.32	7

n26 20M DFT-s-OFDM QPSK(SCS 15 kHz) _H						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
166800	834	24.6	-3.4	21.2	131.83	7
167300	836.5	24.52	-3.4	21.12	129.42	7
167800	839	24.58	-3.4	21.18	131.22	7

n26 20M DFT-s-OFDM 16QAM(SCS 15 kHz) _H						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
166800	834	23.58	-3.4	20.18	104.23	7
167300	836.5	23.51	-3.4	20.11	102.57	7
167800	839	23.56	-3.4	20.16	103.75	7

n26 20M DFT-s-OFDM 64QAM(SCS 15 kHz) _H						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
166800	834	22.09	-3.4	18.69	73.96	7
167300	836.5	22.11	-3.4	18.71	74.3	7
167800	839	22.06	-3.4	18.66	73.45	7

n26 20M DFT-s-OFDM 256QAM(SCS 15 kHz) _H						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
166800	834	20.15	-3.4	16.75	47.32	7
167300	836.5	20.18	-3.4	16.78	47.64	7
167800	839	20.08	-3.4	16.68	46.56	7

n26 15M DFT-s-OFDM QPSK(SCS 15 kHz) _H						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
166300	831.5	23.93	-3.4	20.53	112.98	7
167300	836.5	24.15	-3.4	20.75	118.85	7
168300	841.5	24.31	-3.4	20.91	123.31	7

n26 10M DFT-s-OFDM QPSK(SCS 15 kHz) _H						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
165800	829	24.16	-3.4	20.76	119.12	7
167300	836.5	24.37	-3.4	20.97	125.03	7
168800	844	24.5	-3.4	21.1	128.82	7

n26 5M DFT-s-OFDM QPSK(SCS 15 kHz) _H						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
165300	826.5	24.22	-3.4	20.82	120.78	7
167300	836.5	24.18	-3.4	20.78	119.67	7
169300	846.5	24.37	-3.4	20.97	125.03	7

n38 40M DFT-s-OFDM Pi/2 BPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
518000	2590	24.07	-0.6	23.47	222.33	2
519000	2595	23.96	-0.6	23.36	216.77	2
520000	2600	23.97	-0.6	23.37	217.27	2

n38 40M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
518000	2590	24.14	-0.6	23.54	225.94	2
519000	2595	24.03	-0.6	23.43	220.29	2
520000	2600	24.09	-0.6	23.49	223.36	2

n38 40M DFT-s-OFDM 16QAM(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
518000	2590	23.14	-0.6	22.54	179.47	2
519000	2595	23.09	-0.6	22.49	177.42	2
520000	2600	23.04	-0.6	22.44	175.39	2



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n38 40M DFT-s-OFDM 64QAM(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
518000	2590	21.97	-0.6	21.37	137.09	2
519000	2595	21.99	-0.6	21.39	137.72	2
520000	2600	21.94	-0.6	21.34	136.14	2

n38 40M DFT-s-OFDM 256QAM(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
518000	2590	19.76	-0.6	19.16	82.41	2
519000	2595	19.87	-0.6	19.27	84.53	2
520000	2600	19.75	-0.6	19.15	82.22	2

n38 30M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
517000	2585	24.1	-0.6	23.5	223.87	2
519000	2595	23.88	-0.6	23.28	212.81	2
521000	2605	23.97	-0.6	23.37	217.27	2

n38 25M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
516500	2582.5	24.06	-0.6	23.46	221.82	2
519000	2595	23.94	-0.6	23.34	215.77	2
521500	2607.5	23.96	-0.6	23.36	216.77	2

n38 20M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
516000	2582.5	24.01	-0.6	23.41	219.28	2
519000	2595	24.12	-0.6	23.52	224.91	2
522000	2610	23.95	-0.6	23.35	216.27	2

n38 15M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
515500	2577.5	24.05	-0.6	23.45	221.31	2
519000	2595	24.07	-0.6	23.47	222.33	2
522500	2612.5	23.98	-0.6	23.38	217.77	2



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n38 10M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
515000	2575	24.02	-0.6	23.42	219.79	2
519000	2595	23.89	-0.6	23.29	213.3	2
523000	2615	24.04	-0.6	23.44	220.8	2

n41 100M DFT-s-OFDM Pi/2 BPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	23.84	-0.6	23.24	210.86	2
518598	2592.99	23.98	-0.6	23.38	217.77	2
528000	2640	23.77	-0.6	23.17	207.49	2

n41 100M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	23.92	-0.6	23.32	214.78	2
518598	2592.99	24.06	-0.6	23.46	221.82	2
528000	2640	23.85	-0.6	23.25	211.35	2

n41 100M DFT-s-OFDM 16QAM(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	23.04	-0.6	22.44	175.39	2
518598	2592.99	23.11	-0.6	22.51	178.24	2
528000	2640	23.07	-0.6	22.47	176.6	2

n41 100M DFT-s-OFDM 64QAM(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	22.01	-0.6	21.41	138.36	2
518598	2592.99	22.08	-0.6	21.48	140.6	2
528000	2640	22	-0.6	21.4	138.04	2

n41 100M DFT-s-OFDM 256QAM(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	20.04	-0.6	19.44	87.9	2
518598	2592.99	20.03	-0.6	19.43	87.7	2
528000	2640	20.07	-0.6	19.47	88.51	2

n41 90M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
508200	2541	23.88	-0.6	23.28	212.81	2
518598	2592.99	23.92	-0.6	23.32	214.78	2
528996	2644.98	23.79	-0.6	23.19	208.45	2

n41 80M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
507204	2536.02	23.91	-0.6	23.31	214.29	2
518598	2592.99	23.97	-0.6	23.37	217.27	2
529998	2649.99	23.78	-0.6	23.18	207.97	2

n41 70M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
506202	2531.01	23.86	-0.6	23.26	211.84	2
518598	2592.99	23.78	-0.6	23.18	207.97	2
531000	2655	23.74	-0.6	23.14	206.06	2

n41 60M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
505200	2526	23.77	-0.6	23.17	207.49	2
518598	2592.99	23.96	-0.6	23.36	216.77	2
531996	2659.98	23.82	-0.6	23.22	209.89	2

n41 50M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
504204	2521.02	23.89	-0.6	23.29	213.3	2
518598	2592.99	23.93	-0.6	23.33	215.28	2
532998	2664.99	23.71	-0.6	23.11	204.64	2

n41 40M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
503202	2516.01	23.77	-0.6	23.17	207.49	2
518598	2592.99	23.99	-0.6	23.39	218.27	2
534000	2670	23.61	-0.6	23.01	199.99	2



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n41 30M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
502200	2511	23.85	-0.6	23.25	211.35	2
518598	2592.99	23.88	-0.6	23.28	212.81	2
534996	2674.98	23.73	-0.6	23.13	205.59	2

n41 20M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
501204	2506.02	23.74	-0.6	23.14	206.06	2
518598	2592.99	23.95	-0.6	23.35	216.27	2
535998	2679.99	23.69	-0.6	23.09	203.7	2

n41 15M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
500700	2503.5	23.78	-0.6	23.18	207.97	2
518598	2592.99	23.85	-0.6	23.25	211.35	2
536496	2682.48	23.74	-0.6	23.14	206.06	2

n41 10M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
500202	2501.01	23.69	-0.6	23.09	203.7	2
518598	2592.99	23.9	-0.6	23.3	213.8	2
537000	2685	23.68	-0.6	23.08	203.24	2

n66 40M DFT-s-OFDM Pi/2 BPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
346000	1730	24.46	1.3	25.76	376.7	1
349000	1745	24.56	1.3	25.86	385.48	1
352000	1760	24.31	1.3	25.61	363.92	1

n66 40M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
346000	1730	24.48	1.3	25.78	378.44	1
349000	1745	24.57	1.3	25.87	386.37	1
352000	1760	24.45	1.3	25.75	375.84	1



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n66 40M DFT-s-OFDM 16QAM(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
346000	1730	23.27	1.3	24.57	286.42	1
349000	1745	23.35	1.3	24.65	291.74	1
352000	1760	23.18	1.3	24.48	280.54	1

n66 40M DFT-s-OFDM 64QAM(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
346000	1730	22.11	1.3	23.41	219.28	1
349000	1745	22.19	1.3	23.49	223.36	1
352000	1760	22.17	1.3	23.47	222.33	1

n66 40M DFT-s-OFDM 256QAM(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
346000	1730	20.17	1.3	21.47	140.28	1
349000	1745	20.23	1.3	21.53	142.23	1
352000	1760	20.15	1.3	21.45	139.64	1

n66 35M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
345500	1727.5	24.33	1.3	25.63	365.59	1
349000	1745	24.51	1.3	25.81	381.07	1
352500	1762.5	24.4	1.3	25.7	371.54	1

n66 30M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
345000	1725	24.35	1.3	25.65	367.28	1
349000	1745	24.44	1.3	25.74	374.97	1
353000	1765	24.31	1.3	25.61	363.92	1

n66 25M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
344500	1722.5	24.33	1.3	25.63	365.59	1
349000	1745	24.5	1.3	25.8	380.19	1
353500	1767.5	24.42	1.3	25.72	373.25	1



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n66 20M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
344000	1720	24.39	1.3	25.69	370.68	1
349000	1745	24.53	1.3	25.83	382.82	1
354000	1770	24.44	1.3	25.74	374.97	1

n66 15M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
343500	1717.5	24.41	1.3	25.71	372.39	1
349000	1745	24.48	1.3	25.78	378.44	1
354500	1772.5	24.43	1.3	25.73	374.11	1

n66 10M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
343000	1715	24.46	1.3	25.76	376.7	1
349000	1745	24.44	1.3	25.74	374.97	1
355000	1775	24.35	1.3	25.65	367.28	1

n66 5M DFT-s-OFDM QPSK(SCS 15 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
342500	1712.5	24.4	1.3	25.7	371.54	1
349000	1745	24.42	1.3	25.72	373.25	1
355500	1777.5	24.39	1.3	25.69	370.68	1



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ANT 2(UP):

n77 100M DFT-s-OFDM Pi/2 BPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	24.18	-2	22.18	165.2	1

n77 100M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	24.32	-2	22.32	170.61	1

n77 100M DFT-s-OFDM 16QAM(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	23.4	-2	21.4	138.04	1

n77 100M DFT-s-OFDM 64QAM(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	22.04	-2	20.04	100.93	1

n77 100M DFT-s-OFDM 256QAM(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	20.01	-2	18.01	63.24	1

n77 90M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633000	3495	24.23	-2	22.23	167.11	1
633334	3500.01	24.25	-2	22.25	167.88	1
633666	3504.99	24.13	-2	22.13	163.31	1

n77 80M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
632668	3490.02	24.21	-2	22.21	166.34	1
633334	3500.01	24.22	-2	22.22	166.72	1
634000	3510	24.27	-2	22.27	168.66	1

n77 70M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
632334	3485.01	24.19	-2	22.19	165.58	1
633334	3500.01	24.29	-2	22.29	169.43	1
634332	3514.98	24.12	-2	22.12	162.93	1

n77 60M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
632000	3480	24.22	-2	22.22	166.72	1
633334	3500.01	24.23	-2	22.23	167.11	1
634666	3519.99	24.16	-2	22.16	164.44	1

n77 50M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
661668	3475.02	24.17	-2	22.17	164.82	1
633334	3500.01	24.21	-2	22.21	166.34	1
635000	3525	24.07	-2	22.07	161.06	1

n77 40M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
661334	3470.01	24.19	-2	22.19	165.58	1
633334	3500.01	24.19	-2	22.19	165.58	1
635332	3529.98	24.22	-2	22.22	166.72	1

n77 20M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
630668	3460.02	24.23	-2	22.23	167.11	1
633334	3500.01	24.26	-2	22.26	168.27	1
636000	3540	24.13	-2	22.13	163.31	1



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n77 15M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
630500	3457.5	24.25	-2	22.25	167.88	1
633334	3500.01	24.28	-2	22.28	169.04	1
636166	3542.49	24.09	-2	22.09	161.81	1

n77 10M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
630334	3455.01	24.28	-2	22.28	169.04	1
633334	3500.01	24.3	-2	22.3	169.82	1
636332	3544.98	24.15	-2	22.15	164.06	1

n77 100M DFT-s-OFDM Pi/2 BPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	23.84	-2	21.84	152.76	1
656000	3840	23.64	-2	21.64	145.88	1
662000	3930	23.78	-2	21.78	150.66	1

n77 100M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	23.97	-2	21.97	157.4	1
656000	3840	23.69	-2	21.69	147.57	1
662000	3930	23.74	-2	21.74	149.28	1

n77 100M DFT-s-OFDM 16QAM(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	23.14	-2	21.14	130.02	1
656000	3840	23.06	-2	21.06	127.64	1
662000	3930	22.81	-2	20.81	120.5	1



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n77 100M DFT-s-OFDM 64QAM(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	22.34	-2	20.34	108.14	1
656000	3840	22.17	-2	20.17	103.99	1
662000	3930	22.05	-2	20.05	101.16	1

n77 100M DFT-s-OFDM 256QAM(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	20.26	-2	18.26	66.99	1
656000	3840	20.12	-2	18.12	64.86	1
662000	3930	20.08	-2	18.08	64.27	1

n77 90M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
649668	3754.02	23.93	0.5	24.43	277.33	1
656000	3840	23.61	0.5	24.11	257.63	1
662332	3934.98	23.73	0.5	24.23	264.85	1

n77 80M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
649334	3740.01	23.89	-2	21.89	154.53	1
656000	3840	23.68	-2	21.68	147.23	1
662666	3939.99	23.85	-2	21.85	153.11	1

n77 70M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
649000	3735	23.92	-2	21.92	155.6	1
656000	3840	23.54	-2	21.54	142.56	1
663000	3945	23.72	-2	21.72	148.59	1



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n77 60M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
648668	3730.02	23.91	-2	21.91	155.24	1
656000	3840	23.59	-2	21.59	144.21	1
663332	3949.98	23.76	-2	21.76	149.97	1

n77 50M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
648334	3725.01	23.93	-2	21.93	155.96	1
656000	3840	23.53	-2	21.53	142.23	1
663666	3954.99	23.69	-2	21.69	147.57	1

n77 40M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
648000	3720	23.94	-2	21.94	156.31	1
656000	3840	23.67	-2	21.67	146.89	1
664000	3960	23.76	-2	21.76	149.97	1

n77 20M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
647334	3710.01	23.83	-2	21.83	152.41	1
656000	3840	23.58	-2	21.58	143.88	1
664666	3969.99	23.62	-2	21.62	145.21	1

n77 15M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
647168	3707.52	23.88	-2	21.88	154.17	1
656000	3840	23.61	-2	21.61	144.88	1
664832	3972.48	23.69	-2	21.69	147.57	1



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n77 10M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
647000	3705	23.89	-2	21.89	154.53	1
656000	3840	23.67	-2	21.67	146.89	1
665000	3975	23.81	-2	21.81	151.71	1

n78 100M DFT-s-OFDM Pi/2 BPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10Mhz)
633334	3500.01	24.05	-2	22.05	160.32	1

n78 100M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10Mhz)
633334	3500.01	24.07	-2	22.07	161.06	1

n78 100M DFT-s-OFDM 16QAM(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10Mhz)
633334	3500.01	23.1	-2	21.1	128.82	1

n78 100M DFT-s-OFDM 64QAM(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10Mhz)
633334	3500.01	21.7	-2	19.7	93.33	1

n78 100M DFT-s-OFDM 256QAM(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10Mhz)
633334	3500.01	19.68	-2	17.68	58.61	1



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n78 90M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10Mhz)
633000	3495	23.98	-2	21.98	157.76	1
633334	3500.01	24.03	-2	22.03	159.59	1
633666	3504.99	23.86	-2	21.86	153.46	1

n78 80M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10Mhz)
632668	3490.02	23.87	-2	21.87	153.82	1
633334	3500.01	24.05	-2	22.05	160.32	1
634000	3510	23.85	-2	21.85	153.11	1

n78 70M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10Mhz)
632334	3485.01	24.02	-2	22.02	159.22	1
633334	3500.01	24.01	-2	22.01	158.85	1
634332	3514.98	23.88	-2	21.88	154.17	1

n78 60M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10Mhz)
632000	3480	23.86	-2	21.86	153.46	1
633334	3500.01	24	-2	22	158.49	1
634666	3519.99	23.97	-2	21.97	157.4	1

n78 50M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10Mhz)
631668	3475.02	23.91	-2	21.91	155.24	1
633334	3500.01	23.98	-2	21.98	157.76	1
635000	3525	23.96	-2	21.96	157.04	1

n78 40M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10Mhz)
631334	3470.01	23.95	-2	21.95	156.68	1
633334	3500.01	24.04	-2	22.04	159.96	1
635332	3529.98	23.81	-2	21.81	151.71	1

n78 20M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10Mhz)
630668	3460.02	24.02	-2	22.02	159.22	1
633334	3500.01	23.95	-2	21.95	156.68	1
636000	3540	23.79	-2	21.79	151.01	1

n78 15M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10Mhz)
630500	3457.5	23.79	-2	21.79	151.01	1
633334	3500.01	24.02	-2	22.02	159.22	1
636166	3542.49	23.73	-2	21.73	148.94	1

n78 10M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10Mhz)
630334	3455.01	23.95	-2	21.95	156.68	1
633334	3500.01	23.97	-2	21.97	157.4	1
636332	3544.98	23.86	-2	21.86	153.46	1

ANT 3(UP):

n41 100M DFT-s-OFDM Pi/2 BPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	21.12	-2.2	18.92	77.98	2
518598	2592.99	21.08	-2.2	18.88	77.27	2
528000	2640	20.95	-2.2	18.75	74.99	2

n41 100M DFT-s-OFDM QPSK(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	21.18	-2.2	18.98	79.07	2
518598	2592.99	21.28	-2.2	19.08	80.91	2
528000	2640	20.91	-2.2	18.71	74.3	2

n41 100M DFT-s-OFDM 16QAM(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	20.39	-2.2	18.19	65.92	2
518598	2592.99	20.23	-2.2	18.03	63.53	2
528000	2640	20.21	-2.2	18.01	63.24	2

n41 100M DFT-s-OFDM 64QAM(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	18.93	-2.2	16.73	47.1	2
518598	2592.99	18.72	-2.2	16.52	44.87	2
528000	2640	18.54	-2.2	16.34	43.05	2

n41 100M DFT-s-OFDM 256QAM(SCS 30 kHz)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	17.04	-2.2	14.84	30.48	2
518598	2592.99	17.12	-2.2	14.92	31.05	2
528000	2640	16.75	-2.2	14.55	28.51	2