



BUREAU
VERITAS

Test Report No.: PSU-QSU2312140113RF07

	Index	Frequency (MHz)		3465.03	3500.01	3534.96
30M	DFT-s-OFDM QPSK	1	1	22.59	22.56	22.50
BW	MCS Index	Channel		630668	633334	636000
		Frequency (MHz)		3460.02	3500.01	3540
20M	DFT-s-OFDM QPSK	1	1	22.55	22.56	22.46

N78(Part 27Q)(ANT5)PC2:

PC2_n78 (SCS 30 kHz) 3450~3550MHz						
BW	MCS Index	RB Size	RB Offset	/	Mid	/
		Channel		/	633334	/
		Frequency (MHz)		/	3500.01	/
100M	DFT-s-OFDM Pi/2 BPSK	1	1	/	24.65	/
		1	137	/	23.63	/
		1	271	/	24.59	/
		135	0	/	23.77	/
		135	69	/	23.87	/
		135	138	/	23.75	/
		270	0	/	23.84	/
	DFT-s-OFDM QPSK	1	1	/	24.67	/
		1	137	/	23.56	/
		1	271	/	24.61	/
		135	0	/	23.88	/
		135	69	/	23.80	/
		135	138	/	23.79	/
		270	0	/	23.46	/
	DFT-s-OFDM 16QAM	1	1	/	22.85	/
	DFT-s-OFDM 64QAM	1	1	/	21.06	/
	DFT-s-OFDM 256QAM	1	1	/	20.17	/
BW	MCS Index	Channel		633000	633334	633666
		Frequency (MHz)		3495	3500.01	3504.99
90M	DFT-s-OFDM QPSK	1	1	24.39	24.66	24.28
BW	MCS Index	Channel		632668	633334	634000
		Frequency (MHz)		3490.02	3500.01	3510
80M	DFT-s-OFDM QPSK	1	1	24.29	24.59	24.13
BW	MCS Index	Channel		632334	633334	634332
		Frequency (MHz)		3485.01	3500.01	3514.98
70M	DFT-s-OFDM QPSK	1	1	24.31	24.64	24.20
BW	MCS Index	Channel		632000	633334	634666
		Frequency (MHz)		3480	3500.01	3519.99
60M	DFT-s-OFDM QPSK	1	1	24.28	24.64	24.13
BW	MCS Index	Channel		631334	633334	635332
		Frequency (MHz)		3470.01	3500.01	3529.98
40M	DFT-s-OFDM QPSK	1	1	24.38	24.55	24.19
BW	MCS	Channel		631002	633334	635664



BUREAU
VERITAS

Test Report No.: PSU-QSU2312140113RF07

	Index	Frequency (MHz)		3465.03	3500.01	3534.96
30M	DFT-s-OFDM QPSK	1	1	24.29	24.59	24.19
BW	MCS Index	Channel		630668	633334	636000
		Frequency (MHz)		3460.02	3500.01	3540
20M	DFT-s-OFDM QPSK	1	1	24.25	24.64	24.17



**BUREAU
VERITAS**

Test Report No.: PSU-QSU2312140113RF07

N78(Part 270)(ANT5)PC3:

PC3_n78 (SCS 30 kHz) 3700~3800MHz						
BW	MCS Index	RB Size	RB Offset	/	Mid	/
		Channel		/	650000	/
		Frequency (MHz)		/	3750	/
100M	DFT-s-OFDM Pi/2 BPSK	1	1	/	22.54	/
		1	137	/	22.47	/
		1	271	/	22.49	/
		135	0	/	22.51	/
		135	69	/	22.49	/
		135	138	/	22.50	/
		270	0	/	22.45	/
	DFT-s-OFDM QPSK	1	1	/	22.63	/
		1	137	/	22.45	/
		1	271	/	22.51	/
		135	0	/	22.53	/
		135	69	/	22.51	/
		135	138	/	22.47	/
		270	0	/	22.39	/
	DFT-s-OFDM 16QAM	1	1	/	22.52	/
	DFT-s-OFDM 64QAM	1	1	/	22.49	/
	DFT-s-OFDM 256QAM	1	1	/	20.95	/
BW	MCS Index	Channel		649668	650000	650332
		Frequency (MHz)		3745.02	3750	3754.98
90M	DFT-s-OFDM QPSK	1	1	22.51	22.53	22.49
BW	MCS Index	Channel		649334	650000	650666
		Frequency (MHz)		3740.01	3750	3759.99
80M	DFT-s-OFDM QPSK	1	1	22.50	22.43	22.42
BW	MCS Index	Channel		649000	650000	651000
		Frequency (MHz)		3735	3750	3765
70M	DFT-s-OFDM QPSK	1	1	22.44	22.50	22.41
BW	MCS Index	Channel		648668	650000	651332
		Frequency (MHz)		3730.02	3750	3769.98
60M	DFT-s-OFDM QPSK	1	1	22.39	22.38	22.46
BW	MCS Index	Channel		648000	650000	652000
		Frequency (MHz)		3720	3750	3780
40M	DFT-s-OFDM QPSK	1	1	22.48	22.49	22.36
BW	MCS	Channel		647670	650000	652332



BUREAU
VERITAS

Test Report No.: PSU-QSU2312140113RF07

	Index	Frequency (MHz)		3715.05	3750	3784.98
30M	DFT-s-OFDM QPSK	1	1	22.43	22.53	22.39
BW	MCS Index	Channel		647334	650000	652666
		Frequency (MHz)		3710.01	3750	3789.99
20M	DFT-s-OFDM QPSK	1	1	22.51	22.41	22.38

N78(Part 270)(ANT5)PC2:

PC2_n78 (SCS 30 kHz) 3700~3800MHz						
BW	MCS Index	RB Size	RB Offset	/	Mid	/
		Channel		/	650000	/
		Frequency (MHz)		/	3750	/
100M	DFT-s-OFDM Pi/2 BPSK	1	1	/	25.44	/
		1	137	/	25.26	/
		1	271	/	25.01	/
		135	0	/	25.02	/
		135	69	/	25.23	/
		135	138	/	24.59	/
		270	0	/	24.98	/
	DFT-s-OFDM QPSK	1	1	/	25.48	/
		1	137	/	25.29	/
		1	271	/	25.04	/
		135	0	/	24.87	/
		135	69	/	25.20	/
		135	138	/	24.63	/
		270	0	/	24.57	/
	DFT-s-OFDM 16QAM	1	1	/	24.60	/
	DFT-s-OFDM 64QAM	1	1	/	22.61	/
	DFT-s-OFDM 256QAM	1	1	/	20.79	/
BW	MCS Index	Channel		649668	650000	650332
		Frequency (MHz)		3745.02	3750	3754.98
90M	DFT-s-OFDM QPSK	1	1	25.46	25.47	25.40
BW	MCS Index	Channel		649334	650000	650666
		Frequency (MHz)		3740.01	3750	3759.99
80M	DFT-s-OFDM QPSK	1	1	25.39	25.41	25.26
BW	MCS Index	Channel		649000	650000	651000
		Frequency (MHz)		3735	3750	3765
70M	DFT-s-OFDM QPSK	1	1	25.34	25.37	25.31
BW	MCS Index	Channel		648668	650000	651332
		Frequency (MHz)		3730.02	3750	3769.98
60M	DFT-s-OFDM QPSK	1	1	25.44	25.37	25.33
BW	MCS Index	Channel		648000	650000	652000
		Frequency (MHz)		3720	3750	3780
40M	DFT-s-OFDM QPSK	1	1	25.42	25.42	25.33



**BUREAU
VERITAS**

Test Report No.: PSU-QSU2312140113RF07

BW	MCS Index	Channel		647670	650000	652332
		Frequency (MHz)		3715.05	3750	3784.98
30M	DFT-s-OFDM QPSK	1	1	25.37	25.47	25.29
BW	MCS Index	Channel		647334	650000	652666
		Frequency (MHz)		3710.01	3750	3789.99
20M	DFT-s-OFDM QPSK	1	1	25.41	25.41	25.39

MIMO POWER:

N41_MIMO PC3 (ANT1+2)

PC3_n41 (SCS 30 kHz)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		509202	518598	528000
		Frequency (MHz)		2546.01	2592.99	2640
100M	CP-OFDM QPSK	1	1	23.06	22.98	23.12
		1	137	22.95	22.85	22.85
		1	271	23.02	22.73	22.81
		137	0	22.93	22.88	22.95
		137	68	22.92	22.87	22.72
		137	136	22.15	22.84	22.75
		273	0	22.84	22.87	22.89
	CP-OFDM 16QAM	1	1	22.97	22.93	22.94
	CP-OFDM 64QAM	1	1	22.43	22.24	22.25
	CP-OFDM 256QAM	1	1	19.61	19.41	19.37
BW	MCS Index	Channel		508200	518598	528996
		Frequency (MHz)		2541	2592.99	2644.98
90M	CP-OFDM QPSK	1	1	23.03	22.95	22.92
BW	MCS Index	Channel		507204	518598	529998
		Frequency (MHz)		2536.02	2592.99	2649.99
80M	CP-OFDM QPSK	1	1	23.03	22.90	22.85
BW	MCS Index	Channel		505200	518598	531996
		Frequency (MHz)		2526	2592.99	2659.98
60M	CP-OFDM QPSK	1	1	23.02	22.97	22.90
BW	MCS Index	Channel		504204	518598	532998
		Frequency (MHz)		2521.02	2592.99	2664.99
50M	CP-OFDM QPSK	1	1	23.08	22.92	22.91
BW	MCS Index	Channel		503202	518598	534000
		Frequency (MHz)		2516.01	2592.99	2670
40M	CP-OFDM QPSK	1	1	23.04	22.93	22.85
BW	MCS Index	Channel		502200	518598	534996
		Frequency (MHz)		2511	2592.99	2674.98
30M	CP-OFDM QPSK	1	1	23.07	22.87	22.93
BW	MCS Index	Channel		501204	518598	535998
		Frequency (MHz)		2506.02	2592.99	2679.99
20M	CP-OFDM QPSK	1	1	23.09	22.96	22.83

N41_MIMO PC2 (ANT1+2)

PC2_n41 (SCS 30 kHz)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		509202	518598	528000
		Frequency (MHz)		2546.01	2592.99	2640
100M	CP-OFDM QPSK	1	1	24.49	24.51	24.53
		1	137	24.45	24.46	24.26
		1	271	24.46	24.46	24.36
		137	0	22.83	22.89	23.82
		137	68	24.32	24.34	24.36
		137	136	22.88	22.83	22.79
		273	0	22.84	22.81	22.86
	CP-OFDM 16QAM	1	1	23.91	23.87	23.72
	CP-OFDM 64QAM	1	1	22.24	22.23	22.48
	CP-OFDM 256QAM	1	1	19.30	19.32	19.31
BW	MCS Index	Channel		508200	518598	528996
		Frequency (MHz)		2541	2592.99	2644.98
90M	CP-OFDM QPSK	1	1	24.47	24.41	24.45
BW	MCS Index	Channel		507204	518598	529998
		Frequency (MHz)		2536.02	2592.99	2649.99
80M	CP-OFDM QPSK	1	1	24.48	24.37	24.42
BW	MCS Index	Channel		505200	518598	531996
		Frequency (MHz)		2526	2592.99	2659.98
60M	CP-OFDM QPSK	1	1	24.45	24.47	24.35
BW	MCS Index	Channel		504204	518598	532998
		Frequency (MHz)		2521.02	2592.99	2664.99
50M	CP-OFDM QPSK	1	1	24.50	24.47	24.35
BW	MCS Index	Channel		503202	518598	534000
		Frequency (MHz)		2516.01	2592.99	2670
40M	CP-OFDM QPSK	1	1	24.44	24.48	24.32
BW	MCS Index	Channel		502200	518598	534996
		Frequency (MHz)		2511	2592.99	2674.98
30M	CP-OFDM QPSK	1	1	24.48	24.45	24.39
BW	MCS Index	Channel		501204	518598	535998
		Frequency (MHz)		2506.02	2592.99	2679.99
20M	CP-OFDM QPSK	1	1	24.47	24.40	24.42



**BUREAU
VERITAS**

Test Report No.: PSU-QSU2312140113RF07

N77(Part 27Q)_MIMO PC3 (ANT3+5)

PC3_n77 (SCS 30 kHz) 3450~3550MHz						
BW	MCS Index	RB Size	RB Offset	/	Mid	/
		Channel		/	633334	/
		Frequency (MHz)		/	3500.01	/
100M	CP-OFDM QPSK	1	1	/	22.75	/
		1	137	/	22.59	/
		1	271	/	22.73	/
		137	0	/	22.59	/
		137	68	/	22.72	/
		137	136	/	22.61	/
		273	0	/	22.67	/
	CP-OFDM 16QAM	1	1	/	22.72	/
	CP-OFDM 64QAM	1	1	/	22.10	/
	CP-OFDM 256QAM	1	1	/	19.21	/
BW	MCS Index	Channel		632668	633334	634000
		Frequency (MHz)		3490.02	3500.01	3510
80M	CP-OFDM QPSK	1	1	22.38	22.54	22.48
BW	MCS Index	Channel		632000	633334	634666
		Frequency (MHz)		3480	3500.01	3519.99
60M	CP-OFDM QPSK	1	1	22.32	22.47	22.33
BW	MCS Index	Channel		631334	633334	635332
		Frequency (MHz)		3470.01	3500.01	3529.98
40M	CP-OFDM QPSK	1	1	22.36	22.50	22.36
BW	MCS Index	Channel		631002	633334	635664
		Frequency (MHz)		3465.03	3500.01	3534.96
30M	CP-OFDM QPSK	1	1	22.32	22.53	22.41
BW	MCS Index	Channel		630668	633334	636000
		Frequency (MHz)		3460.02	3500.01	3540
20M	CP-OFDM QPSK	1	1	22.35	22.42	22.37

N77(Part27Q)_MIMO PC2 (Ant3+5)

PC2_n77 (SCS 30 kHz) 3450~3550MHz						
BW	MCS Index	RB Size	RB Offset	/	Mid	/
		Channel		/	633334	/
		Frequency (MHz)		/	3500.01	/
100M	CP-OFDM QPSK	1	1	/	24.63	/
		1	137	/	24.28	/
		1	271	/	24.38	/
		137	0	/	22.74	/
		137	68	/	24.42	/
		137	136	/	22.75	/
		273	0	/	22.87	/
	CP-OFDM 16QAM	1	1	/	23.66	/
	CP-OFDM 64QAM	1	1	/	22.41	/
	CP-OFDM 256QAM	1	1	/	19.26	/
BW	MCS Index	Channel		632668	633334	634000
		Frequency (MHz)		3490.02	3500.01	3510
80M	CP-OFDM QPSK	1	1	24.29	24.30	24.27
BW	MCS Index	Channel		632000	633334	634666
		Frequency (MHz)		3480	3500.01	3519.99
60M	CP-OFDM QPSK	1	1	24.16	24.22	24.22
BW	MCS Index	Channel		631334	633334	635332
		Frequency (MHz)		3470.01	3500.01	3529.98
40M	CP-OFDM QPSK	1	1	24.26	24.29	24.19
BW	MCS Index	Channel		631002	633334	635664
		Frequency (MHz)		3465.03	3500.01	3534.96
30M	CP-OFDM QPSK	1	1	24.14	24.15	24.15
BW	MCS Index	Channel		630668	633334	636000
		Frequency (MHz)		3460.02	3500.01	3540
20M	CP-OFDM QPSK	1	1	24.26	24.17	24.19



**BUREAU
VERITAS**

Test Report No.: PSU-QSU2312140113RF07

N77(Part 270)_MIMO PC3 (ANT3+5)

PC3_n77 (SCS 30 kHz) 3700~3980MHz						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		650000	656000	662000
		Frequency (MHz)		3750	3840	3930
100M	CP-OFDM QPSK	1	1	22.79	22.56	22.59
		1	137	22.44	22.53	22.52
		1	271	22.76	22.52	22.55
		137	0	22.57	22.55	22.56
		137	68	22.55	22.47	22.53
		137	136	22.53	22.43	22.41
		273	0	22.56	22.51	22.53
	CP-OFDM 16QAM	1	1	22.78	22.65	22.56
	CP-OFDM 64QAM	1	1	22.24	21.93	21.94
	CP-OFDM 256QAM	1	1	19.30	19.01	19.09
BW	MCS Index	Channel		649334	656000	662666
		Frequency (MHz)		3740.01	3840	3939.99
80M	CP-OFDM QPSK	1	1	22.71	22.46	22.46
BW	MCS Index	Channel		648668	656000	663332
		Frequency (MHz)		3730.02	3840	3949.98
60M	CP-OFDM QPSK	1	1	22.67	22.47	22.52
BW	MCS Index	Channel		648000	656000	664000
		Frequency (MHz)		3720	3840	3960
40M	CP-OFDM QPSK	1	1	22.77	22.52	22.46
BW	MCS Index	Channel		647670	656000	664332
		Frequency (MHz)		3715.05	3840	3964.98
30M	CP-OFDM QPSK	1	1	22.78	22.41	22.50
BW	MCS Index	Channel		647334	656000	664666
		Frequency (MHz)		3710.01	3840	3969.99
20M	CP-OFDM QPSK	1	1	22.70	22.42	22.48



**BUREAU
VERITAS**

Test Report No.: PSU-QSU2312140113RF07

N77(Part 270)_MIMO PC2 (ANT3+5)

PC2_n77 (SCS 30 kHz) 3700~3980MHz						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		650000	656000	662000
		Frequency (MHz)		3750	3840	3930
100M	CP-OFDM QPSK	1	1	24.43	24.42	24.41
		1	137	24.14	24.32	24.39
		1	271	24.41	24.36	24.23
		137	0	22.72	22.92	22.88
		137	68	24.35	24.31	24.33
		137	136	22.78	22.94	22.81
		273	0	22.96	22.92	22.86
	CP-OFDM 16QAM	1	1	23.79	23.82	23.94
	CP-OFDM 64QAM	1	1	22.02	22.08	22.16
	CP-OFDM 256QAM	1	1	19.23	19.25	19.31
BW	MCS Index	Channel		649334	656000	662666
		Frequency (MHz)		3740.01	3840	3939.99
80M	CP-OFDM QPSK	1	1	24.38	24.33	24.40
BW	MCS Index	Channel		648668	656000	663332
		Frequency (MHz)		3730.02	3840	3949.98
60M	CP-OFDM QPSK	1	1	24.35	24.28	24.29
BW	MCS Index	Channel		648000	656000	664000
		Frequency (MHz)		3720	3840	3960
40M	CP-OFDM QPSK	1	1	24.39	24.38	24.33
BW	MCS Index	Channel		647670	656000	664332
		Frequency (MHz)		3715.05	3840	3964.98
30M	CP-OFDM QPSK	1	1	24.38	24.30	24.35
BW	MCS Index	Channel		647334	656000	664666
		Frequency (MHz)		3710.01	3840	3969.99
20M	CP-OFDM QPSK	1	1	24.39	24.31	24.37



**BUREAU
VERITAS**

Test Report No.: PSU-QSU2312140113RF07

N78(Part 27Q)_MIMO PC3 (ANT3+5)

PC3_n78 (SCS 30 kHz) 3450~3550MHz						
BW	MCS Index	RB Size	RB Offset	/	Mid	/
		Channel		/	633334	/
		Frequency (MHz)		/	3500.01	/
100M	CP-OFDM QPSK	1	1	/	22.84	/
		1	137	/	22.67	/
		1	271	/	22.75	/
		137	0	/	22.77	/
		137	68	/	22.64	/
		137	136	/	22.59	/
		273	0	/	22.72	/
	CP-OFDM 16QAM	1	1	/	22.76	/
	CP-OFDM 64QAM	1	1	/	22.04	/
	CP-OFDM 256QAM	1	1	/	19.23	/
BW	MCS Index	Channel		633000	633334	633666
		Frequency (MHz)		3495	3500.01	3504.99
90M	CP-OFDM QPSK	1	1	22.34	22.45	22.36
BW	MCS Index	Channel		632668	633334	634000
		Frequency (MHz)		3490.02	3500.01	3510
80M	CP-OFDM QPSK	1	1	22.24	22.31	22.24
BW	MCS Index	Channel		632334	633334	634332
		Frequency (MHz)		3485.01	3500.01	3514.98
70M	CP-OFDM QPSK	1	1	22.26	22.35	22.21
BW	MCS Index	Channel		632000	633334	634666
		Frequency (MHz)		3480	3500.01	3519.99
60M	CP-OFDM QPSK	1	1	22.32	22.42	22.24
BW	MCS Index	Channel		631334	633334	635332
		Frequency (MHz)		3470.01	3500.01	3529.98
40M	CP-OFDM QPSK	1	1	22.26	22.35	22.30
BW	MCS Index	Channel		631002	633334	635664
		Frequency (MHz)		3465.03	3500.01	3534.96
30M	CP-OFDM QPSK	1	1	22.30	22.35	22.31
BW	MCS Index	Channel		630668	633334	636000
		Frequency (MHz)		3460.02	3500.01	3540
20M	CP-OFDM QPSK	1	1	22.33	22.38	22.30



**BUREAU
VERITAS**

Test Report No.: PSU-QSU2312140113RF07

N78(Part 27Q)_MIMO PC2 (ANT3+5)

PC2_n78 (SCS 30 kHz) 3450~3550MHz						
BW	MCS Index	RB Size	RB Offset	/	Mid	/
		Channel		/	633334	/
		Frequency (MHz)		/	3500.01	/
100M	CP-OFDM QPSK	1	1	/	24.51	/
		1	137	/	24.22	/
		1	271	/	24.37	/
		137	0	/	22.71	/
		137	68	/	24.38	/
		137	136	/	22.73	/
		273	0	/	22.87	/
	CP-OFDM 16QAM	1	1	/	23.78	/
	CP-OFDM 64QAM	1	1	/	22.02	/
	CP-OFDM 256QAM	1	1	/	19.21	/
BW	MCS Index	Channel		633000	633334	633666
		Frequency (MHz)		3495	3500.01	3504.99
90M	CP-OFDM QPSK	1	1	24.41	24.45	24.38
BW	MCS Index	Channel		632668	633334	634000
		Frequency (MHz)		3490.02	3500.01	3510
80M	CP-OFDM QPSK	1	1	24.39	24.44	24.30
BW	MCS Index	Channel		632334	633334	634332
		Frequency (MHz)		3485.01	3500.01	3514.98
70M	CP-OFDM QPSK	1	1	24.40	24.34	24.23
BW	MCS Index	Channel		632000	633334	634666
		Frequency (MHz)		3480	3500.01	3519.99
60M	CP-OFDM QPSK	1	1	24.34	24.37	24.25
BW	MCS Index	Channel		631334	633334	635332
		Frequency (MHz)		3470.01	3500.01	3529.98
40M	CP-OFDM QPSK	1	1	24.31	24.38	24.28
BW	MCS Index	Channel		631002	633334	635664
		Frequency (MHz)		3465.03	3500.01	3534.96
30M	CP-OFDM QPSK	1	1	24.35	24.38	24.37
BW	MCS Index	Channel		630668	633334	636000
		Frequency (MHz)		3460.02	3500.01	3540
20M	CP-OFDM QPSK	1	1	24.27	24.42	24.25



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Test Report No.: PSU-QSU2312140113RF07

N78(Part 270)_MIMO PC3 (ANT3+5)

PC3_n78 (SCS 30 kHz) 3700~3800MHz						
BW	MCS Index	RB Size	RB Offset	/	Mid	/
		Channel		/	650000	/
		Frequency (MHz)		/	3750	/
100M	CP-OFDM QPSK	1	1	/	22.62	/
		1	137	/	22.44	/
		1	271	/	22.61	/
		137	0	/	22.56	/
		137	68	/	22.47	/
		137	136	/	22.41	/
		273	0	/	22.52	/
	CP-OFDM 16QAM	1	1	/	22.58	/
	CP-OFDM 64QAM	1	1	/	21.89	/
	CP-OFDM 256QAM	1	1	/	19.11	/
BW	MCS Index	Channel		649668	650000	650332
		Frequency (MHz)		3745.02	3750	3754.98
90M	CP-OFDM QPSK	1	1	22.58	22.61	22.59
BW	MCS Index	Channel		649334	650000	650666
		Frequency (MHz)		3740.01	3750	3759.99
80M	CP-OFDM QPSK	1	1	22.51	22.46	22.53
BW	MCS Index	Channel		649000	650000	651000
		Frequency (MHz)		3735	3750	3765
70M	CP-OFDM QPSK	1	1	22.44	22.50	22.45
BW	MCS Index	Channel		648668	650000	651332
		Frequency (MHz)		3730.02	3750	3769.98
60M	CP-OFDM QPSK	1	1	22.49	22.48	22.51
BW	MCS Index	Channel		648000	650000	652000
		Frequency (MHz)		3720	3750	3780
40M	CP-OFDM QPSK	1	1	22.51	22.59	22.56
BW	MCS Index	Channel		647670	650000	652332
		Frequency (MHz)		3715.05	3750	3784.98
30M	CP-OFDM QPSK	1	1	22.57	22.50	22.50
BW	MCS Index	Channel		647334	650000	652666
		Frequency (MHz)		3710.01	3750	3789.99
20M	CP-OFDM QPSK	1	1	22.49	22.55	22.45

N78(Part 270)_MIMO PC2 (ANT3+5)

PC2_n78 (SCS 30 kHz) 3700~3800MHz						
BW	MCS Index	RB Size	RB Offset	/	Mid	/
		Channel		/	650000	/
		Frequency (MHz)		/	3750	/
100M	CP-OFDM QPSK	1	1	/	24.41	/
		1	137	/	24.22	/
		1	271	/	24.37	/
		137	0	/	22.71	/
		137	68	/	24.18	/
		137	136	/	22.73	/
		273	0	/	22.71	/
	CP-OFDM 16QAM	1	1	/	23.78	/
	CP-OFDM 64QAM	1	1	/	22.02	/
	CP-OFDM 256QAM	1	1	/	19.21	/
BW	MCS Index	Channel		649668	650000	650332
		Frequency (MHz)		3745.02	3750	3754.98
90M	CP-OFDM QPSK	1	1	24.33	24.36	24.32
BW	MCS Index	Channel		649334	650000	650666
		Frequency (MHz)		3740.01	3750	3759.99
80M	CP-OFDM QPSK	1	1	24.29	24.27	24.35
BW	MCS Index	Channel		649000	650000	651000
		Frequency (MHz)		3735	3750	3765
70M	CP-OFDM QPSK	1	1	24.24	24.37	24.32
BW	MCS Index	Channel		648668	650000	651332
		Frequency (MHz)		3730.02	3750	3769.98
60M	CP-OFDM QPSK	1	1	24.33	24.33	24.26
BW	MCS Index	Channel		648000	650000	652000
		Frequency (MHz)		3720	3750	3780
40M	CP-OFDM QPSK	1	1	24.29	24.39	24.27
BW	MCS Index	Channel		647670	650000	652332
		Frequency (MHz)		3715.05	3750	3784.98
30M	CP-OFDM QPSK	1	1	24.38	24.31	24.27
BW	MCS Index	Channel		647334	650000	652666
		Frequency (MHz)		3710.01	3750	3789.99
20M	CP-OFDM QPSK	1	1	24.33	24.30	24.29

ERP/EIRP

N2

CHANNEL BANDWIDTH: 5MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
370500	1852.5	24.05	-3.7	20.35	108.39	2
376000	1880	24.01	-3.7	20.31	107.4	2
381500	1907.5	23.93	-3.7	20.23	105.44	2

CHANNEL BANDWIDTH: 10MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
371000	1855	24.08	-3.7	20.38	109.14	2
376000	1880	23.92	-3.7	20.22	105.2	2
381000	1905	23.93	-3.7	20.23	105.44	2

CHANNEL BANDWIDTH: 15MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
371500	1857.5	24.03	-3.7	20.33	107.89	2
376000	1880	23.92	-3.7	20.22	105.2	2
380500	1902.5	23.88	-3.7	20.18	104.23	2

CHANNEL BANDWIDTH: 20MHz Pi/2 BPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
372000	1860	24.04	-3.7	20.34	108.14	2
376000	1880	24.11	-3.7	20.41	109.9	2
380000	1900	24.04	-3.7	20.34	108.14	2

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
372000	1860	24.15	-3.7	20.45	110.92	2
376000	1880	24.09	-3.7	20.39	109.4	2
380000	1900	24.06	-3.7	20.36	108.64	2

CHANNEL BANDWIDTH: 20MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
372000	1860	23.34	-3.7	19.64	92.04	2
376000	1880	23.33	-3.7	19.63	91.83	2
380000	1900	23.38	-3.7	19.68	92.9	2

CHANNEL BANDWIDTH: 20MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
372000	1860	21.13	-3.7	17.43	55.34	2
376000	1880	21.30	-3.7	17.6	57.54	2
380000	1900	21.44	-3.7	17.74	59.43	2

CHANNEL BANDWIDTH: 20MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
372000	1860	19.35	-3.7	15.65	36.73	2
376000	1880	19.23	-3.7	15.53	35.73	2
380000	1900	19.31	-3.7	15.61	36.39	2

REMARKS: EIRP Output Power (dBm) = EIRP (dBm) -2.15(dB).

N5

CHANNEL BANDWIDTH: 5MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	ERP (dBm)	ERP (mW)	Limit (W)
165300	826.5	23.85	-4.9	16.8	47.86	7
167300	836.5	23.92	-4.9	16.87	48.64	7
169300	846.5	23.84	-4.9	16.79	47.75	7

CHANNEL BANDWIDTH: 10MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	ERP (dBm)	ERP (mW)	Limit (W)
165800	829	23.90	-4.9	16.85	48.42	7
167300	836.5	24.03	-4.9	16.98	49.89	7
168800	844	23.77	-4.9	16.72	46.99	7

CHANNEL BANDWIDTH: 15MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	ERP (dBm)	ERP (mW)	Limit (W)
166300	831.5	23.93	-4.9	16.88	48.75	7
167300	836.5	23.97	-4.9	16.92	49.2	7
168300	841.5	23.75	-4.9	16.7	46.77	7

CHANNEL BANDWIDTH: 20MHz Pi/2 BPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	ERP (dBm)	ERP (mW)	Limit (W)
166800	834	23.98	-4.9	16.93	49.32	7
167300	836.5	24.03	-4.9	16.98	49.89	7
167800	839	23.92	-4.9	16.87	48.64	7

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	ERP (dBm)	ERP (mW)	Limit (W)
166800	834	23.95	-4.9	16.9	48.98	7
167300	836.5	24.05	-4.9	17	50.12	7
167800	839	23.92	-4.9	16.87	48.64	7

CHANNEL BANDWIDTH: 20MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	ERP (dBm)	ERP (mW)	Limit (W)
166800	834	23.38	-4.9	16.33	42.95	7
167300	836.5	23.39	-4.9	16.34	43.05	7
167800	839	23.33	-4.9	16.28	42.46	7

CHANNEL BANDWIDTH: 20MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	ERP (dBm)	ERP (mW)	Limit (W)
166800	834	21.26	-4.9	14.21	26.36	7
167300	836.5	21.36	-4.9	14.31	26.98	7
167800	839	21.22	-4.9	14.17	26.12	7

CHANNEL BANDWIDTH: 20MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	ERP (dBm)	ERP (mW)	Limit (W)
166800	834	19.30	-4.9	12.25	16.79	7
167300	836.5	19.36	-4.9	12.31	17.02	7
167800	839	19.21	-4.9	12.16	16.44	7

REMARKS: ERP Output Power (dBm) = ERP (dBm) -2.15(dB).

N7

CHANNEL BANDWIDTH: 5MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	ERP (dBm)	ERP (mW)	Limit (W)
501500	2502.5	22.83	0.6	23.43	220.29	2
507000	2535	22.95	0.6	23.55	226.46	2
512500	2567.5	22.92	0.6	23.52	224.91	2

CHANNEL BANDWIDTH: 10MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	ERP (dBm)	ERP (mW)	Limit (W)
501000	2505	22.85	0.6	23.45	221.31	2
507000	2535	23.09	0.6	23.69	233.88	2
513000	2565	23.00	0.6	23.6	229.09	2

CHANNEL BANDWIDTH: 15MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	ERP (dBm)	ERP (mW)	Limit (W)
501500	2507.5	22.98	0.6	23.58	228.03	2
507000	2535	23.10	0.6	23.7	234.42	2
512500	2562.5	23.02	0.6	23.62	230.14	2

CHANNEL BANDWIDTH: 20MHz Pi/2 BPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	ERP (dBm)	ERP (mW)	Limit (W)
502000	2510	23.11	0.6	23.71	234.96	2
507000	2535	23.12	0.6	23.72	235.5	2
512000	2560	23.1	0.6	23.7	234.42	2

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	ERP (dBm)	ERP (mW)	Limit (W)
502000	2510	23.15	0.6	23.75	237.14	2
507000	2535	23.19	0.6	23.79	239.33	2
512000	2560	23.09	0.6	23.69	233.88	2

CHANNEL BANDWIDTH: 20MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	ERP (dBm)	ERP (mW)	Limit (W)
502000	2510	22.44	0.6	23.04	201.37	2
507000	2535	22.66	0.6	23.26	211.84	2
512000	2560	22.58	0.6	23.18	207.97	2

CHANNEL BANDWIDTH: 20MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	ERP (dBm)	ERP (mW)	Limit (W)
502000	2510	20.97	0.6	21.57	143.55	2
507000	2535	21.13	0.6	21.73	148.94	2
512000	2560	21.09	0.6	21.69	147.57	2

CHANNEL BANDWIDTH: 20MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	ERP (dBm)	ERP (mW)	Limit (W)
502000	2510	19.22	0.6	19.82	95.94	2
507000	2535	19.32	0.6	19.92	98.17	2
512000	2560	19.23	0.6	19.83	96.16	2

REMARKS: ERP Output Power (dBm) = ERP (dBm) -2.15(dB).

N25

CHANNEL BANDWIDTH: 5MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
370500	1852.5	24.08	-3.8	20.28	106.66	2
376500	1882.5	23.92	-3.8	20.12	102.8	2
382500	1912.5	23.92	-3.8	20.12	102.8	2

CHANNEL BANDWIDTH: 10MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
371000	1855	24.13	-3.8	20.33	107.89	2
376500	1882.5	23.96	-3.8	20.16	103.75	2
382000	1910	23.81	-3.8	20.01	100.23	2

CHANNEL BANDWIDTH: 15MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
371500	1857.5	24.09	-3.8	20.29	106.91	2
376500	1882.5	23.93	-3.8	20.13	103.04	2
381500	1907.5	23.94	-3.8	20.14	103.28	2

CHANNEL BANDWIDTH: 20 Pi/2 BPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
372000	1860	24.11	-3.8	20.31	107.4	2
376500	1882.5	23.95	-3.8	20.15	103.51	2
381000	1905	24.12	-3.8	20.32	107.65	2

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
372000	1860	24.16	-3.8	20.36	108.64	2
376500	1882.5	24.08	-3.8	20.28	106.66	2
381000	1905	24.07	-3.8	20.27	106.41	2

CHANNEL BANDWIDTH: 20MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
372000	1860	23.53	-3.8	19.73	93.97	2
376500	1882.5	23.36	-3.8	19.56	90.36	2
381000	1905	22.86	-3.8	19.06	80.54	2

CHANNEL BANDWIDTH: 20MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
372000	1860	21.44	-3.8	17.64	58.08	2
376500	1882.5	21.22	-3.8	17.42	55.21	2
381000	1905	21.24	-3.8	17.44	55.46	2

CHANNEL BANDWIDTH: 20MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
372000	1860	19.49	-3.8	15.69	37.07	2
376500	1882.5	19.34	-3.8	15.54	35.81	2
381000	1905	19.36	-3.8	15.56	35.97	2

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).

N38

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
516000	2580	23.83	-2.1	21.73	148.94	2
519000	2595	24.00	-2.1	21.9	154.88	2
522000	2610	23.74	-2.1	21.64	145.88	2

CHANNEL BANDWIDTH: 30MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
517000	2585	23.76	-2.1	21.66	146.55	2
519000	2595	23.92	-2.1	21.82	152.05	2
521000	2605	23.86	-2.1	21.76	149.97	2

CHANNEL BANDWIDTH: 40MHz Pi/2 BPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
516000	2580	24.01	-2.1	21.91	155.24	2
519000	2595	24.04	-2.1	21.94	156.31	2
522000	2610	23.95	-2.1	21.85	153.11	2

CHANNEL BANDWIDTH: 40MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
516000	2580	23.97	-2.1	21.87	153.82	2
519000	2595	24.08	-2.1	21.98	157.76	2
522000	2610	23.94	-2.1	21.84	152.76	2

CHANNEL BANDWIDTH: 40MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
516000	2580	22.81	-2.1	20.71	117.76	2
519000	2595	22.98	-2.1	20.88	122.46	2
522000	2610	22.94	-2.1	20.84	121.34	2

CHANNEL BANDWIDTH: 40MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
516000	2580	20.92	-2.1	18.82	76.21	2
519000	2595	21.18	-2.1	19.08	80.91	2
522000	2610	20.87	-2.1	18.77	75.34	2

CHANNEL BANDWIDTH: 40MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
516000	2580	19.15	-2.1	17.05	50.7	2
519000	2595	19.27	-2.1	17.17	52.12	2
522000	2610	19.17	-2.1	17.07	50.93	2

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).

N41 PC3:

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
501204	2506.02	22.82	-0.8	22.02	159.22	2
518598	2592.99	22.73	-0.8	21.93	155.96	2
535998	2679.99	22.83	-0.8	22.03	159.59	2

CHANNEL BANDWIDTH: 30MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
502200	2511	22.83	-0.8	22.03	159.59	2
518598	2592.99	22.70	-0.8	21.9	154.88	2
534996	2674.98	22.87	-0.8	22.07	161.06	2

CHANNEL BANDWIDTH: 40MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
503202	2516.01	22.89	-0.8	22.09	161.81	2
518598	2592.99	22.74	-0.8	21.94	156.31	2
534000	2670	22.85	-0.8	22.05	160.32	2

CHANNEL BANDWIDTH: 50MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
504204	2521.02	22.82	-0.8	22.02	159.22	2
518598	2592.99	22.60	-0.8	21.8	151.36	2
532998	2664.99	22.94	-0.8	22.14	163.68	2

CHANNEL BANDWIDTH: 60MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
505200	2526	22.87	-0.8	22.07	161.06	2
518598	2592.99	22.66	-0.8	21.86	153.46	2
531996	2659.98	22.81	-0.8	22.01	158.85	2

CHANNEL BANDWIDTH: 80MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
507204	2536.02	22.90	-0.8	22.1	162.18	2
518598	2592.99	22.60	-0.8	21.8	151.36	2
529998	2649.99	22.85	-0.8	22.05	160.32	2

CHANNEL BANDWIDTH: 90MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
508200	2541	22.77	-0.8	21.97	157.4	2
518598	2592.99	22.65	-0.8	21.85	153.11	2
528996	2644.98	22.81	-0.8	22.01	158.85	2

CHANNEL BANDWIDTH: 100MHz Pi/2 BPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	22.91	-0.8	22.11	162.55	2
518598	2592.99	22.88	-0.8	22.08	161.44	2
528000	2640	22.86	-0.8	22.06	160.69	2

CHANNEL BANDWIDTH: 100MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	22.93	-0.8	22.13	163.31	2
518598	2592.99	22.75	-0.8	21.95	156.68	2
528000	2640	22.95	-0.8	22.15	164.06	2

CHANNEL BANDWIDTH: 100MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	22.66	-0.8	21.86	153.46	2
518598	2592.99	22.58	-0.8	21.78	150.66	2
528000	2640	22.59	-0.8	21.79	151.01	2

CHANNEL BANDWIDTH: 100MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	22.32	-0.8	21.52	141.91	2
518598	2592.99	22.24	-0.8	21.44	139.32	2
528000	2640	22.21	-0.8	21.41	138.36	2

CHANNEL BANDWIDTH: 100MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	20.98	-0.8	20.18	104.23	2
518598	2592.99	20.90	-0.8	20.1	102.33	2
528000	2640	20.92	-0.8	20.12	102.8	2

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).

N41 PC2:

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
501204	2506.02	25.73	-0.8	24.93	311.17	2
518598	2592.99	25.61	-0.8	24.81	302.69	2
535998	2679.99	25.78	-0.8	24.98	314.77	2

CHANNEL BANDWIDTH: 30MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
502200	2511	25.61	-0.8	24.81	302.69	2
518598	2592.99	25.57	-0.8	24.77	299.92	2
534996	2674.98	25.68	-0.8	24.88	307.61	2

CHANNEL BANDWIDTH: 40MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
503202	2516.01	25.64	-0.8	24.84	304.79	2
518598	2592.99	25.67	-0.8	24.87	306.9	2
534000	2670	25.70	-0.8	24.9	309.03	2

CHANNEL BANDWIDTH: 50MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
504204	2521.02	25.64	-0.8	24.84	304.79	2
518598	2592.99	25.55	-0.8	24.75	298.54	2
532998	2664.99	25.70	-0.8	24.9	309.03	2

CHANNEL BANDWIDTH: 60MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
505200	2526	25.71	-0.8	24.91	309.74	2
518598	2592.99	25.61	-0.8	24.81	302.69	2
531996	2659.98	25.69	-0.8	24.89	308.32	2

CHANNEL BANDWIDTH: 80MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
507204	2536.02	25.63	-0.8	24.83	304.09	2
518598	2592.99	25.66	-0.8	24.86	306.2	2
529998	2649.99	25.75	-0.8	24.95	312.61	2

CHANNEL BANDWIDTH: 90MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
508200	2541	25.67	-0.8	24.87	306.9	2
518598	2592.99	25.56	-0.8	24.76	299.23	2
528996	2644.98	25.72	-0.8	24.92	310.46	2

CHANNEL BANDWIDTH: 100MHz Pi/2 BPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	25.77	-0.8	24.97	314.05	2
518598	2592.99	25.73	-0.8	24.93	311.17	2
528000	2640	25.78	-0.8	24.98	314.77	2

CHANNEL BANDWIDTH: 100MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	25.75	-0.8	24.95	312.61	2
518598	2592.99	25.68	-0.8	24.88	307.61	2
528000	2640	25.82	-0.8	25.02	317.69	2

CHANNEL BANDWIDTH: 100MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	24.54	-0.8	23.74	236.59	2
518598	2592.99	24.62	-0.8	23.82	240.99	2
528000	2640	24.58	-0.8	23.78	238.78	2

CHANNEL BANDWIDTH: 100MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	22.99	-0.8	22.19	165.58	2
518598	2592.99	22.82	-0.8	22.02	159.22	2
528000	2640	22.93	-0.8	22.13	163.31	2

CHANNEL BANDWIDTH: 100MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	21.13	-0.8	20.33	107.89	2
518598	2592.99	21.25	-0.8	20.45	110.92	2
528000	2640	21.07	-0.8	20.27	106.41	2

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).

N66

CHANNEL BANDWIDTH: 5MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
342500	1712.5	23.88	-0.6	23.28	212.81	1
349000	1745	24.22	-0.6	23.62	230.14	1
355500	1777.5	24.06	-0.6	23.46	221.82	1

CHANNEL BANDWIDTH: 10MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
343000	1715	23.9	-0.6	23.3	213.8	1
349000	1745	24.18	-0.6	23.58	228.03	1
355000	1775	24.04	-0.6	23.44	220.8	1

CHANNEL BANDWIDTH: 15MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
343500	1717.5	24.02	-0.6	23.42	219.79	1
349000	1745	24.23	-0.6	23.63	230.67	1
354500	1772.5	24.09	-0.6	23.49	223.36	1

CHANNEL BANDWIDTH: 20MHz Pi/2 BPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
346000	1730	24.08	-0.6	23.48	222.84	1
349000	1745	24.27	-0.6	23.67	232.81	1
352000	1760	24.15	-0.6	23.55	226.46	1

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
346000	1730	24.03	-0.6	23.43	220.29	1
349000	1745	24.29	-0.6	23.69	233.88	1
352000	1760	24.17	-0.6	23.57	227.51	1

CHANNEL BANDWIDTH: 20MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
346000	1730	23.24	-0.6	22.64	183.65	1
349000	1745	23.53	-0.6	22.93	196.34	1
352000	1760	23	-0.6	22.4	173.78	1

CHANNEL BANDWIDTH: 20MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
346000	1730	21.1	-0.6	20.5	112.2	1
349000	1745	21.57	-0.6	20.97	125.03	1
352000	1760	21.46	-0.6	20.86	121.9	1

CHANNEL BANDWIDTH: 20MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
346000	1730	19.07	-0.6	18.47	70.31	1
349000	1745	19.37	-0.6	18.77	75.34	1
352000	1760	19.42	-0.6	18.82	76.21	1

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).

N71

CHANNEL BANDWIDTH: 5MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
133100	665.5	23.98	-8.6	13.23	21.04	1
136100	680.5	23.81	-8.6	13.06	20.23	1
139100	695.5	23.89	-8.6	13.14	20.61	1

CHANNEL BANDWIDTH: 10MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
133600	668	24.02	-8.6	13.27	21.23	1
136100	680.5	23.74	-8.6	12.99	19.91	1
138600	693	23.87	-8.6	13.12	20.51	1

CHANNEL BANDWIDTH: 15MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
134100	670.5	24.05	-8.6	13.3	21.38	1
136100	680.5	23.81	-8.6	13.06	20.23	1
138100	690.5	23.89	-8.6	13.14	20.61	1

CHANNEL BANDWIDTH: 20MHz Pi/2 BPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
134600	673	24.06	-8.6	13.31	21.43	1
136100	680.5	24.04	-8.6	13.29	21.33	1
137600	688	24.05	-8.6	13.3	21.38	1

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
134600	673	24.07	-8.6	13.32	21.48	1
136100	680.5	24.01	-8.6	13.26	21.18	1
137600	688	23.96	-8.6	13.21	20.94	1

CHANNEL BANDWIDTH: 20MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
134600	673	23.48	-8.6	12.73	18.75	1
136100	680.5	23.34	-8.6	12.59	18.16	1
137600	688	23.29	-8.6	12.54	17.95	1

CHANNEL BANDWIDTH: 20MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
134600	673	21.37	-8.6	10.62	11.53	1
136100	680.5	21.17	-8.6	10.42	11.02	1
137600	688	21.21	-8.6	10.46	11.12	1

CHANNEL BANDWIDTH: 20MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
134600	673	19.49	-8.6	8.74	7.48	1
136100	680.5	19.21	-8.6	8.46	7.01	1
137600	688	19.33	-8.6	8.58	7.21	1

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).



**BUREAU
VERITAS**

Test Report No.: PSU-QSU2312140113RF07

N77(Part27Q) PC3:

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
630668	3460.02	22.88	0	22.88	194.09	1
633334	3500.01	22.63	0	22.63	183.23	1
636000	3540	22.87	0	22.87	193.64	1

CHANNEL BANDWIDTH: 30MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
631002	3465.03	22.91	0	22.91	195.43	1
633334	3500.01	22.66	0	22.66	184.5	1
635664	3534.96	22.85	0	22.85	192.75	1

CHANNEL BANDWIDTH: 40MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
632334	3485.01	22.79	0	22.79	190.11	1
633334	3500.01	22.73	0	22.73	187.5	1
634332	3514.98	22.84	0	22.84	192.31	1

CHANNEL BANDWIDTH: 60MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
632000	3480	22.86	0	22.86	193.2	1
633334	3500.01	22.69	0	22.69	185.78	1
634666	3519.99	22.88	0	22.88	194.09	1

CHANNEL BANDWIDTH: 80MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
632668	3490.02	22.73	0	22.73	187.5	1
633334	3500.01	22.77	0	22.77	189.23	1
634000	3510.00	22.82	0	22.82	191.43	1

CHANNEL BANDWIDTH: 100MHz Pi/2 BPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	22.76	0	22.76	188.8	1

CHANNEL BANDWIDTH: 100MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	22.93	0	22.93	196.34	1

CHANNEL BANDWIDTH: 100MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	22.21	0	22.21	166.34	1

CHANNEL BANDWIDTH: 100MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	21.11	0	21.11	129.12	1

CHANNEL BANDWIDTH: 100MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	19.50	0	19.5	89.13	1

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).



BUREAU
VERITAS

Test Report No.: PSU-QSU2312140113RF07

N77(Part27Q) PC2:

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
630668	3460.02	24.75	0	24.75	298.54	1
633334	3500.01	24.8	0	24.8	302	1
636000	3540	24.47	0	24.47	279.9	1

CHANNEL BANDWIDTH: 30MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
631002	3465.03	24.78	0	24.78	300.61	1
633334	3500.01	24.77	0	24.77	299.92	1
635664	3534.96	24.43	0	24.43	277.33	1

CHANNEL BANDWIDTH: 40MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
632334	3485.01	24.75	0	24.75	298.54	1
633334	3500.01	24.84	0	24.84	304.79	1
634332	3514.98	24.47	0	24.47	279.9	1

CHANNEL BANDWIDTH: 60MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
632000	3480	24.79	0	24.79	301.3	1
633334	3500.01	24.81	0	24.81	302.69	1
634666	3519.99	24.44	0	24.44	277.97	1

CHANNEL BANDWIDTH: 80MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
632668	3490.02	24.83	0	24.83	304.09	1
633334	3500.01	24.88	0	24.88	307.61	1
634000	3510.00	24.55	0	24.55	285.1	1

CHANNEL BANDWIDTH: 100MHz Pi/2 BPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	25.49	0	25.49	354	1

CHANNEL BANDWIDTH: 100MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	25.52	0	25.52	356.45	1

CHANNEL BANDWIDTH: 100MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	23.81	0	23.81	240.44	1

CHANNEL BANDWIDTH: 100MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	21.73	0	21.73	148.94	1

CHANNEL BANDWIDTH: 100MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	20.81	0	20.81	120.5	1

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).

N77(Part27O) PC3:

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
647334	3710.01	22.7	0	22.7	186.21	1
656000	3840	22.53	0	22.53	179.06	1
664666	3969.99	22.5	0	22.5	177.83	1

CHANNEL BANDWIDTH: 30MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
647670	3715.05	22.69	0	22.69	185.78	1
656000	3840	22.64	0	22.64	183.65	1
664332	3964.98	22.56	0	22.56	180.3	1

CHANNEL BANDWIDTH: 40MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	22.81	0	22.81	190.99	1
656000	3840	22.53	0	22.53	179.06	1
664000	3960	22.51	0	22.51	178.24	1

CHANNEL BANDWIDTH: 60MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
648668	3730.02	22.69	0	22.69	185.78	1
656000	3840	22.66	0	22.66	184.5	1
663332	3949.98	22.57	0	22.57	180.72	1

CHANNEL BANDWIDTH: 80MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
649334	3740.01	22.76	0	22.76	188.8	1
656000	3840	22.56	0	22.56	180.3	1
662666	3939.99	22.46	0	22.46	176.2	1

CHANNEL BANDWIDTH: 100MHz Pi/2 BPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	22.78	0	22.78	189.67	1
656000	3840	22.6	0	22.6	181.97	1
662000	3930	22.53	0	22.53	179.06	1

CHANNEL BANDWIDTH: 100MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	22.88	0	22.88	194.09	1
656000	3840	22.59	0	22.59	181.55	1
662000	3930	22.56	0	22.56	180.3	1

CHANNEL BANDWIDTH: 100MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	22.61	0	22.61	182.39	1
656000	3840	22.52	0	22.52	178.65	1
662000	3930	22.45	0	22.45	175.79	1

CHANNEL BANDWIDTH: 100MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	22.57	0	22.57	180.72	1
656000	3840	22.46	0	22.46	176.2	1
662000	3930	22.53	0	22.53	179.06	1

CHANNEL BANDWIDTH: 100MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	20.36	0	20.36	108.64	1
656000	3840	20.68	0	20.68	116.95	1
662000	3930	20.52	0	20.52	112.72	1

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).



**BUREAU
VERITAS**

Test Report No.: PSU-QSU2312140113RF07

N77(Part27O) PC2:

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
647334	3710.01	25.11	0	25.11	324.34	1
656000	3840	25.60	0	25.6	363.08	1
664666	3969.99	25.33	0	25.33	341.19	1

CHANNEL BANDWIDTH: 30MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
647670	3715.05	25.08	0	25.08	322.11	1
656000	3840	25.58	0	25.58	361.41	1
664332	3964.98	25.26	0	25.26	335.74	1

CHANNEL BANDWIDTH: 40MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
648000	3720	25.08	0	25.08	322.11	1
656000	3840	25.54	0	25.54	358.1	1
664000	3960	25.30	0	25.3	338.84	1

CHANNEL BANDWIDTH: 60MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
648668	3730.02	25.19	0	25.19	330.37	1
656000	3840	25.51	0	25.51	355.63	1
663332	3949.98	25.34	0	25.34	341.98	1

CHANNEL BANDWIDTH: 80MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
649334	3740.01	25.07	0	25.07	321.37	1
656000	3840	25.62	0	25.62	364.75	1
662666	3939.99	25.26	0	25.26	335.74	1

CHANNEL BANDWIDTH: 100MHz Pi/2 BPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	25.77	0	25.77	377.57	1
656000	3840	25.73	0	25.73	374.11	1
662000	3930	25.78	0	25.78	378.44	1

CHANNEL BANDWIDTH: 100MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	25.75	0	25.75	375.84	1
656000	3840	25.68	0	25.68	369.83	1
662000	3930	25.82	0	25.82	381.94	1

CHANNEL BANDWIDTH: 100MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	24.54	0	24.54	284.45	1
656000	3840	24.62	0	24.62	289.73	1
662000	3930	24.58	0	24.58	287.08	1

CHANNEL BANDWIDTH: 100MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	22.99	0	22.99	199.07	1
656000	3840	22.82	0	22.82	191.43	1
662000	3930	22.93	0	22.93	196.34	1

CHANNEL BANDWIDTH: 100MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	21.13	0	21.13	129.72	1
656000	3840	21.25	0	21.25	133.35	1
662000	3930	21.07	0	21.07	127.94	1

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).



BUREAU
VERITAS

Test Report No.: PSU-QSU2312140113RF07

N78(Part27Q)PC3:

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
630668	3460.02	22.55	-0.5	22.05	160.32	1
633334	3500.01	22.56	-0.5	22.06	160.69	1
636000	3540	22.46	-0.5	21.96	157.04	1

CHANNEL BANDWIDTH: 30MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
631002	3465.03	23.24	-0.5	22.74	187.93	1
633334	3500.01	23.12	-0.5	22.62	182.81	1
635664	3534.96	23.19	-0.5	22.69	185.78	1

CHANNEL BANDWIDTH: 40MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
631334	3470.01	22.58	-0.5	22.08	161.44	1
633334	3500.01	22.64	-0.5	22.14	163.68	1
635332	3529.98	22.44	-0.5	21.94	156.31	1

CHANNEL BANDWIDTH: 60MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
632000	3480	22.56	-0.5	22.06	160.69	1
633334	3500.01	22.57	-0.5	22.07	161.06	1
634666	3519.99	22.56	-0.5	22.06	160.69	1

CHANNEL BANDWIDTH: 70MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
632334	3485.01	22.60	-0.5	22.1	162.18	1
633334	3500.01	22.60	-0.5	22.1	162.18	1
634332	3514.98	22.53	-0.5	22.03	159.59	1

CHANNEL BANDWIDTH: 80MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
632668	3490.02	22.61	-0.5	22.11	162.55	1
633334	3500.01	22.51	-0.5	22.01	158.85	1
634000	3510	22.46	-0.5	21.96	157.04	1

CHANNEL BANDWIDTH: 90MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633000	3495	22.65	-0.5	22.15	164.06	1
633334	3500.01	22.66	-0.5	22.16	164.44	1
633666	3504.99	22.57	-0.5	22.07	161.06	1

CHANNEL BANDWIDTH: 100MHz Pi/2 BPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	22.62	-0.5	22.12	162.93	1

CHANNEL BANDWIDTH: 100MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	22.71	-0.5	22.21	166.34	1

CHANNEL BANDWIDTH: 100MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	22.53	-0.5	22.03	159.59	1

CHANNEL BANDWIDTH: 100MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	21.97	-0.5	21.47	140.28	1

CHANNEL BANDWIDTH: 100MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	21.14	-0.5	20.64	115.88	1

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).

N78(Part27Q)PC2:

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
630668	3460.02	24.25	-0.50	23.75	237.14	1
633334	3500.01	24.64	-0.50	24.14	259.42	1
636000	3540	24.17	-0.50	23.67	232.81	1

CHANNEL BANDWIDTH: 30MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
631002	3465.03	24.29	-0.50	23.79	239.33	1
633334	3500.01	24.59	-0.50	24.09	256.45	1
635664	3534.96	24.19	-0.50	23.69	233.88	1

CHANNEL BANDWIDTH: 40MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
631334	3470.01	24.38	-0.50	23.88	244.34	1
633334	3500.01	24.55	-0.50	24.05	254.1	1
635332	3529.98	24.19	-0.50	23.69	233.88	1

CHANNEL BANDWIDTH: 60MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
632000	3480	24.28	-0.50	23.78	238.78	1
633334	3500.01	24.64	-0.50	24.14	259.42	1
634666	3519.99	24.13	-0.50	23.63	230.67	1

CHANNEL BANDWIDTH: 70MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
632334	3485.01	24.31	-0.50	23.81	240.44	1
633334	3500.01	24.64	-0.50	24.14	259.42	1
634332	3514.98	24.2	-0.50	23.70	234.42	1

CHANNEL BANDWIDTH: 80MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
632668	3490.02	24.29	-0.50	23.79	239.33	1
633334	3500.01	24.59	-0.50	24.09	256.45	1
634000	3510	24.13	-0.50	23.63	230.67	1

CHANNEL BANDWIDTH: 90MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633000	3495	24.39	0.00	24.39	274.79	1
633334	3500.01	24.66	0.00	24.66	292.42	1
633666	3504.99	24.28	0.00	24.28	267.92	1

CHANNEL BANDWIDTH: 100MHz Pi/2 BPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	24.65	-0.50	24.15	260.02	1

CHANNEL BANDWIDTH: 100MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	24.67	-0.50	24.17	261.22	1

CHANNEL BANDWIDTH: 100MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	22.85	-0.50	22.35	171.79	1

CHANNEL BANDWIDTH: 100MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	21.06	-0.50	20.56	113.76	1

CHANNEL BANDWIDTH: 100MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	20.17	-0.50	19.67	92.68	1

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).



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Test Report No.: PSU-QSU2312140113RF07

N78(Part27O) PC3:

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
647334	3710.01	22.51	-0.5	22.01	158.85	1
650000	3750	22.41	-0.5	21.91	155.24	1
652666	3789.99	22.38	-0.5	21.88	154.17	1

CHANNEL BANDWIDTH: 30MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
647670	3715.05	22.43	-0.5	21.93	155.96	1
650000	3750	22.53	-0.5	22.03	159.59	1
652332	3784.98	22.39	-0.5	21.89	154.53	1

CHANNEL BANDWIDTH: 40MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
648000	3720	22.48	-0.5	21.98	157.76	1
650000	3750	22.49	-0.5	21.99	158.12	1
652000	3780	22.36	-0.5	21.86	153.46	1

CHANNEL BANDWIDTH: 60MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _{T-L_C} (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
648668	3730.02	22.39	-0.5	21.89	154.53	1
650000	3750	22.38	-0.5	21.88	154.17	1
651332	3769.98	22.46	-0.5	21.96	157.04	1

CHANNEL BANDWIDTH: 70MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _{T-L_C} (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
649000	3735	22.44	-0.5	21.94	156.31	1
650000	3750	22.50	-0.5	22	158.49	1
651000	3765	22.41	-0.5	21.91	155.24	1

CHANNEL BANDWIDTH: 80MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _{T-L_C} (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
649334	3740.01	22.50	-0.5	22	158.49	1
650000	3750	22.43	-0.5	21.93	155.96	1
650666	3759.99	22.42	-0.5	21.92	155.6	1

CHANNEL BANDWIDTH: 90MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _{T-L_C} (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
649668	3745.02	22.51	-0.5	22.01	158.85	1
650000	3750	22.53	-0.5	22.03	159.59	1
650332	3754.98	22.49	-0.5	21.99	158.12	1



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Test Report No.: PSU-QSU2312140113RF07

CHANNEL BANDWIDTH: 100MHz Pi/2 BPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	22.54	-0.5	22.04	159.96	1

CHANNEL BANDWIDTH: 100MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	22.63	-0.5	22.13	163.31	1

CHANNEL BANDWIDTH: 100MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	22.52	-0.5	22.02	159.22	1

CHANNEL BANDWIDTH: 100MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	22.49	-0.5	21.99	158.12	1

CHANNEL BANDWIDTH: 100MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	20.95	-0.5	20.45	110.92	1

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).

N78(Part270) PC2:

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
647334	3710.01	25.41	-0.50	24.91	309.74	1
650000	3750	25.41	-0.50	24.91	309.74	1
652666	3789.99	25.39	-0.50	24.89	308.32	1

CHANNEL BANDWIDTH: 30MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
647670	3715.05	25.37	-0.50	24.87	306.9	1
650000	3750	25.47	-0.50	24.97	314.05	1
652332	3784.98	25.29	-0.50	24.79	301.3	1

CHANNEL BANDWIDTH: 40MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
648000	3720	25.42	-0.50	24.92	310.46	1
650000	3750	25.42	-0.50	24.92	310.46	1
652000	3780	25.33	-0.50	24.83	304.09	1

CHANNEL BANDWIDTH: 60MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
648668	3730.02	25.44	-0.50	24.94	311.89	1
650000	3750	25.37	-0.50	24.87	306.9	1
651332	3769.98	25.33	-0.50	24.83	304.09	1

CHANNEL BANDWIDTH: 70MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
649000	3735	25.34	-0.5	24.84	304.79	1
650000	3750	25.37	-0.5	24.87	306.9	1
651000	3765	25.31	-0.5	24.81	302.69	1

CHANNEL BANDWIDTH: 80MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
649334	3740.01	25.39	-0.50	24.89	308.32	1
650000	3750	25.41	-0.50	24.91	309.74	1
650666	3759.99	25.26	-0.50	24.76	299.23	1

CHANNEL BANDWIDTH: 90MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
649668	3745.02	25.46	-0.50	24.96	313.33	1
650000	3750	25.47	-0.50	24.97	314.05	1
650332	3754.98	25.40	-0.50	24.90	309.03	1



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Test Report No.: PSU-QSU2312140113RF07

CHANNEL BANDWIDTH: 100MHz Pi/2 BPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	25.44	-0.50	24.94	311.89	1

CHANNEL BANDWIDTH: 100MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Lmit (dBm/10Mhz)
650000	3750	25.48	-0.50	24.98	314.77	1

CHANNEL BANDWIDTH: 100MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	24.6	-0.50	24.10	257.04	1

CHANNEL BANDWIDTH: 100MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	22.61	-0.50	22.11	162.55	1

CHANNEL BANDWIDTH: 100MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	20.79	-0.50	20.29	106.91	1

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).

MIMO ERP/EIRP

N41_MIMO PC3 (ANT1+2)

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
501204	2506.02	23.09	2.57	25.66	368.13	2
518598	2592.99	22.96	2.57	25.53	357.27	2
535998	2679.99	22.83	2.57	25.4	346.74	2

CHANNEL BANDWIDTH: 30MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
502200	2511	23.07	2.57	25.64	366.44	2
518598	2592.99	22.87	2.57	25.44	349.95	2
534996	2674.98	22.93	2.57	25.5	354.81	2

CHANNEL BANDWIDTH: 40MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
503202	2516.01	23.04	2.57	25.61	363.92	2
518598	2592.99	22.93	2.57	25.5	354.81	2
534000	2670	22.85	2.57	25.42	348.34	2

CHANNEL BANDWIDTH: 50MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
504204	2521.02	23.08	2.57	25.65	367.28	2
518598	2592.99	22.92	2.57	25.49	354	2
532998	2664.99	22.91	2.57	25.48	353.18	2

CHANNEL BANDWIDTH: 60MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
505200	2526	23.02	2.57	25.59	362.24	2
518598	2592.99	22.97	2.57	25.54	358.1	2
531996	2659.98	22.9	2.57	25.47	352.37	2

CHANNEL BANDWIDTH: 80MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
507204	2536.02	23.03	2.57	25.6	363.08	2
518598	2592.99	22.9	2.57	25.47	352.37	2
529998	2649.99	22.85	2.57	25.42	348.34	2

CHANNEL BANDWIDTH: 90MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
508200	2541	23.03	2.57	25.6	363.08	2
518598	2592.99	22.95	2.57	25.52	356.45	2
528996	2644.98	22.92	2.57	25.49	354	2

CHANNEL BANDWIDTH: 100MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	23.06	2.57	25.63	365.59	2
518598	2592.99	22.98	2.57	25.55	358.92	2
528000	2640	23.12	2.57	25.69	370.68	2

CHANNEL BANDWIDTH: 100MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	22.97	2.57	25.54	358.1	2
518598	2592.99	22.93	2.57	25.5	354.81	2
528000	2640	22.94	2.57	25.51	355.63	2

CHANNEL BANDWIDTH: 100MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	22.43	2.57	25	316.23	2
518598	2592.99	22.24	2.57	24.81	302.69	2
528000	2640	22.25	2.57	24.82	303.39	2

CHANNEL BANDWIDTH: 100MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	19.61	2.57	22.18	165.2	2
518598	2592.99	19.41	2.57	21.98	157.76	2
528000	2640	19.37	2.57	21.94	156.31	2

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).

N41_MIMO PC2 (ANT1+2)

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
501204	2506.02	24.47	2.57	27.04	505.82	2
518598	2592.99	24.4	2.57	26.97	497.74	2
535998	2679.99	24.42	2.57	26.99	500.03	2

CHANNEL BANDWIDTH: 30MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
502200	2511	24.48	2.57	27.05	506.99	2
518598	2592.99	24.45	2.57	27.02	503.5	2
534996	2674.98	24.39	2.57	26.96	496.59	2

CHANNEL BANDWIDTH: 40MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
503202	2516.01	24.44	2.57	27.01	502.34	2
518598	2592.99	24.48	2.57	27.05	506.99	2
534000	2670	24.32	2.57	26.89	488.65	2

CHANNEL BANDWIDTH: 50MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
504204	2521.02	24.5	2.57	27.07	509.33	2
518598	2592.99	24.47	2.57	27.04	505.82	2
532998	2664.99	24.35	2.57	26.92	492.04	2

CHANNEL BANDWIDTH: 60MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
505200	2526	24.45	2.57	27.02	503.5	2
518598	2592.99	24.47	2.57	27.04	505.82	2
531996	2659.98	24.35	2.57	26.92	492.04	2

CHANNEL BANDWIDTH: 80MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
507204	2536.02	24.48	2.57	27.05	506.99	2
518598	2592.99	24.37	2.57	26.94	494.31	2
529998	2649.99	24.42	2.57	26.99	500.03	2

CHANNEL BANDWIDTH: 90MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
508200	2541	24.47	2.57	27.04	505.82	2
518598	2592.99	24.41	2.57	26.98	498.88	2
528996	2644.98	24.45	2.57	27.02	503.5	2

CHANNEL BANDWIDTH: 100MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	24.49	2.57	27.06	508.16	2
518598	2592.99	24.51	2.57	27.08	510.5	2
528000	2640	24.53	2.57	27.1	512.86	2

CHANNEL BANDWIDTH: 100MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	23.91	2.57	26.48	444.63	2
518598	2592.99	23.87	2.57	26.44	440.55	2
528000	2640	23.72	2.57	26.29	425.6	2

CHANNEL BANDWIDTH: 100MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	22.24	2.57	24.81	302.69	2
518598	2592.99	22.23	2.57	24.8	302	2
528000	2640	22.48	2.57	25.05	319.89	2

CHANNEL BANDWIDTH: 100MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
509202	2546.01	19.3	2.57	21.87	153.82	2
518598	2592.99	19.32	2.57	21.89	154.53	2
528000	2640	19.31	2.57	21.88	154.17	2

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).

N77(Part27Q)_ MIMO PC3(ANT3+5):

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
630668	3460.02	22.35	3.37	25.72	373.25	1
633334	3500.01	22.42	3.37	25.79	379.31	1
636000	3540	22.37	3.37	25.74	374.97	1

CHANNEL BANDWIDTH: 30MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
631002	3465.03	22.32	3.37	25.69	370.68	1
633334	3500.01	22.53	3.37	25.9	389.05	1
635664	3534.96	22.41	3.37	25.78	378.44	1

CHANNEL BANDWIDTH: 40MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
631334	3470.01	22.36	3.37	25.73	374.11	1
633334	3500.01	22.5	3.37	25.87	386.37	1
635332	3529.98	22.36	3.37	25.73	374.11	1

CHANNEL BANDWIDTH: 60MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
632000	3480	22.32	3.37	25.69	370.68	1
633334	3500.01	22.47	3.37	25.84	383.71	1
634666	3519.99	22.33	3.37	25.7	371.54	1

CHANNEL BANDWIDTH: 80MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
632668	3490.02	22.38	3.37	25.75	375.84	1
633334	3500.01	22.54	3.37	25.91	389.94	1
634000	3510.00	22.48	3.37	25.85	384.59	1

CHANNEL BANDWIDTH: 100MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	22.75	3.37	26.12	409.26	1

CHANNEL BANDWIDTH: 100MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	22.72	3.37	26.09	406.44	1

CHANNEL BANDWIDTH: 100MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	22.1	3.37	25.47	352.37	1

CHANNEL BANDWIDTH: 100MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	19.21	3.37	22.58	181.13	1

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).



**BUREAU
VERITAS**

Test Report No.: PSU-QSU2312140113RF07

N77(Part27Q)_MIMO PC2(ANT3+5):

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
630668	3460.02	24.26	3.37	27.63	579.43	1
633334	3500.01	24.17	3.37	27.54	567.54	1
636000	3540	24.19	3.37	27.56	570.16	1

CHANNEL BANDWIDTH: 30MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
631002	3465.03	24.14	3.37	27.51	563.64	1
633334	3500.01	24.15	3.37	27.52	564.94	1
635664	3534.96	24.15	3.37	27.52	564.94	1

CHANNEL BANDWIDTH: 40MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
632334	3485.01	24.26	3.37	27.63	579.43	1
633334	3500.01	24.29	3.37	27.66	583.45	1
634332	3514.98	24.19	3.37	27.56	570.16	1

CHANNEL BANDWIDTH: 60MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
632000	3480	24.16	3.37	27.53	566.24	1
633334	3500.01	24.22	3.37	27.59	574.12	1
634666	3519.99	24.22	3.37	27.59	574.12	1

CHANNEL BANDWIDTH: 80MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
632668	3490.02	24.29	3.37	27.66	583.45	1
633334	3500.01	24.3	3.37	27.67	584.79	1
634000	3510.00	24.27	3.37	27.64	580.76	1

CHANNEL BANDWIDTH: 100MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	24.63	3.37	28	630.96	1

CHANNEL BANDWIDTH: 100MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	23.66	3.37	27.03	504.66	1

CHANNEL BANDWIDTH: 100MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	22.41	3.37	25.78	378.44	1

CHANNEL BANDWIDTH: 100MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	19.26	3.37	22.63	183.23	1

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).

N77(Part27O)_ MIMO PC3 (ANT3+5):

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
647334	3710.01	22.7	3.37	26.07	404.58	1
656000	3840	22.42	3.37	25.79	379.31	1
664666	3969.99	22.48	3.37	25.85	384.59	1

CHANNEL BANDWIDTH: 30MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
647670	3715.05	22.78	3.37	26.15	412.1	1
656000	3840	22.41	3.37	25.78	378.44	1
664332	3964.98	22.5	3.37	25.87	386.37	1

CHANNEL BANDWIDTH: 40MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	22.77	3.37	26.14	411.15	1
656000	3840	22.52	3.37	25.89	388.15	1
664000	3960	22.46	3.37	25.83	382.82	1

CHANNEL BANDWIDTH: 60MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
648668	3730.02	22.67	3.37	26.04	401.79	1
656000	3840	22.47	3.37	25.84	383.71	1
663332	3949.98	22.52	3.37	25.89	388.15	1

CHANNEL BANDWIDTH: 80MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
649334	3740.01	22.71	3.37	26.08	405.51	1
656000	3840	22.46	3.37	25.83	382.82	1
662666	3939.99	22.46	3.37	25.83	382.82	1

CHANNEL BANDWIDTH: 100MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	22.79	3.37	26.16	413.05	1
656000	3840	22.56	3.37	25.93	391.74	1
662000	3930	22.59	3.37	25.96	394.46	1

CHANNEL BANDWIDTH: 100MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	22.78	3.37	26.15	412.1	1
656000	3840	22.65	3.37	26.02	399.94	1
662000	3930	22.56	3.37	25.93	391.74	1

CHANNEL BANDWIDTH: 100MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	22.24	3.37	25.61	363.92	1
656000	3840	21.93	3.37	25.3	338.84	1
662000	3930	21.94	3.37	25.31	339.63	1

CHANNEL BANDWIDTH: 100MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	19.3	3.37	22.67	184.93	1
656000	3840	19.01	3.37	22.38	172.98	1
662000	3930	19.09	3.37	22.46	176.2	1

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).

N77(Part27O)_MIMO PC2(ANT3+5):

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
647334	3710.01	24.39	3.37	27.76	597.04	1
656000	3840	24.31	3.37	27.68	586.14	1
664666	3969.99	24.37	3.37	27.74	594.29	1

CHANNEL BANDWIDTH: 30MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
647670	3715.05	24.38	3.37	27.75	595.66	1
656000	3840	24.3	3.37	27.67	584.79	1
664332	3964.98	24.35	3.37	27.72	591.56	1

CHANNEL BANDWIDTH: 40MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
648000	3720	24.39	3.37	27.76	597.04	1
656000	3840	24.38	3.37	27.75	595.66	1
664000	3960	24.33	3.37	27.7	588.84	1

CHANNEL BANDWIDTH: 60MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
648668	3730.02	24.35	3.37	27.72	591.56	1
656000	3840	24.28	3.37	27.65	582.1	1
663332	3949.98	24.29	3.37	27.66	583.45	1

CHANNEL BANDWIDTH: 80MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
649334	3740.01	24.38	3.37	27.75	595.66	1
656000	3840	24.33	3.37	27.7	588.84	1
662666	3939.99	24.4	3.37	27.77	598.41	1

CHANNEL BANDWIDTH: 100MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	24.43	3.37	27.8	602.56	1
656000	3840	24.42	3.37	27.79	601.17	1
662000	3930	24.41	3.37	27.78	599.79	1

CHANNEL BANDWIDTH: 100MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	23.79	3.37	27.16	520	1
656000	3840	23.82	3.37	27.19	523.6	1
662000	3930	23.94	3.37	27.31	538.27	1

CHANNEL BANDWIDTH: 100MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	22.02	3.37	25.39	345.94	1
656000	3840	22.08	3.37	25.45	350.75	1
662000	3930	22.16	3.37	25.53	357.27	1

CHANNEL BANDWIDTH: 100MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
650000	3750	19.23	3.37	22.6	181.97	1
656000	3840	19.25	3.37	22.62	182.81	1
662000	3930	19.31	3.37	22.68	185.35	1

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).

N78(Part27Q)_MIMO PC3(ANT3+5):

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _{T-LC} (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
630668	3460.02	22.33	3.46	25.79	379.31	1
633334	3500.01	22.38	3.46	25.84	383.71	1
636000	3540	22.3	3.46	25.76	376.7	1

CHANNEL BANDWIDTH: 30MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _{T-LC} (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
631002	3465.03	22.3	3.46	25.76	376.7	1
633334	3500.01	22.35	3.46	25.81	381.07	1
635664	3534.96	22.31	3.46	25.77	377.57	1

CHANNEL BANDWIDTH: 40MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _{T-LC} (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
631334	3470.01	22.26	3.46	25.72	373.25	1
633334	3500.01	22.35	3.46	25.81	381.07	1
635332	3529.98	22.3	3.46	25.76	376.7	1

CHANNEL BANDWIDTH: 60MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _{T-LC} (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
632000	3480	22.32	3.46	25.78	378.44	1
633334	3500.01	22.42	3.46	25.88	387.26	1
634666	3519.99	22.24	3.46	25.7	371.54	1

CHANNEL BANDWIDTH: 70MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
632334	3485.01	22.26	3.46	25.72	373.25	1
633334	3500.01	22.35	3.46	25.81	381.07	1
634332	3514.98	22.21	3.46	25.67	368.98	1

CHANNEL BANDWIDTH: 80MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
632668	3490.02	22.24	3.46	25.7	371.54	1
633334	3500.01	22.31	3.46	25.77	377.57	1
634000	3510	22.24	3.46	25.7	371.54	1

CHANNEL BANDWIDTH: 90MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633000	3495	22.34	3.46	25.8	380.19	1
633334	3500.01	22.45	3.46	25.91	389.94	1
633666	3504.99	22.36	3.46	25.82	381.94	1

CHANNEL BANDWIDTH: 100MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	22.84	3.46	26.3	426.58	1

CHANNEL BANDWIDTH: 100MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	22.76	3.46	26.22	418.79	1

CHANNEL BANDWIDTH: 100MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	22.04	3.46	25.5	354.81	1

CHANNEL BANDWIDTH: 100MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	19.23	3.46	22.69	185.78	1

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).

N78(Part27Q)_MIMO PC2(ANT3+5):

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
630668	3460.02	24.27	3.46	27.73	592.93	1
633334	3500.01	24.42	3.46	27.88	613.76	1
636000	3540	24.25	3.46	27.71	590.2	1

CHANNEL BANDWIDTH: 30MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
631002	3465.03	24.35	3.46	27.81	603.95	1
633334	3500.01	24.38	3.46	27.84	608.14	1
635664	3534.96	24.37	3.46	27.83	606.74	1

CHANNEL BANDWIDTH: 40MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
631334	3470.01	24.31	3.46	27.77	598.41	1
633334	3500.01	24.38	3.46	27.84	608.14	1
635332	3529.98	24.28	3.46	27.74	594.29	1

CHANNEL BANDWIDTH: 60MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
632000	3480	24.34	3.46	27.8	602.56	1
633334	3500.01	24.37	3.46	27.83	606.74	1
634666	3519.99	24.25	3.46	27.71	590.2	1

CHANNEL BANDWIDTH: 70MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
632334	3485.01	24.4	3.46	27.86	610.94	1
633334	3500.01	24.34	3.46	27.8	602.56	1
634332	3514.98	24.23	3.46	27.69	587.49	1

CHANNEL BANDWIDTH: 80MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
632668	3490.02	24.39	3.46	27.85	609.54	1
633334	3500.01	24.44	3.46	27.9	616.6	1
634000	3510	24.3	3.46	27.76	597.04	1

CHANNEL BANDWIDTH: 90MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633000	3495	24.41	3.46	27.87	612.35	1
633334	3500.01	24.45	3.46	27.91	618.02	1
633666	3504.99	24.38	3.46	27.84	608.14	1

CHANNEL BANDWIDTH: 100MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	24.51	3.46	27.97	626.61	1

CHANNEL BANDWIDTH: 100MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	23.78	3.46	27.24	529.66	1

CHANNEL BANDWIDTH: 100MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	22.02	3.46	25.48	353.18	1

CHANNEL BANDWIDTH: 100MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
633334	3500.01	19.21	3.46	22.67	184.93	1

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).