

Band/BW	Modulation	RB Size	RB Offset	Low CH 20000	Mid CH 20175	High CH 20350
				Frequency 1715 MHz	Frequency 1732.5 MHz	Frequency 1750 MHz
4/ 10	QPSK	1	0	23.67	23.71	23.56
		1	24	24.00	24.07	23.99
		1	49	23.83	23.86	23.85
		25	0	23.15	22.97	22.96
		25	12	23.07	23.21	23.11
		25	25	23.09	23.16	23.10
		50	0	22.90	23.14	23.16
	16QAM	1	0	22.79	22.98	22.94
		1	24	23.24	23.32	23.30
		1	49	23.24	23.11	22.87
		25	0	22.09	21.88	22.00
		25	12	22.12	22.05	22.06
		25	25	22.14	21.93	21.96
		50	0	21.97	21.87	21.94
	64QAM	1	0	21.85	21.98	21.93
		1	24	22.25	22.16	22.24
		1	49	21.89	21.90	21.90
		25	0	20.86	20.85	20.93
		25	12	20.95	21.05	20.95
		25	25	20.93	21.05	21.01
		50	0	20.90	20.93	20.86

Band/BW	Modulation	RB Size	RB Offset	Low CH 20025	Mid CH 20175	High CH 20325
				Frequency 1717.5 MHz	Frequency 1732.5 MHz	Frequency 1747.5 MHz
4/ 15	QPSK	1	0	23.74	23.76	23.57
		1	37	24.05	24.11	23.97
		1	74	23.78	23.83	23.73
		36	0	23.06	22.98	23.07
		36	19	23.01	23.20	23.04
		36	39	23.02	23.10	23.12
		75	0	22.95	23.18	23.07
	16QAM	1	0	22.79	22.98	22.90
		1	37	23.33	23.35	23.20
		1	74	23.13	23.05	22.91
		36	0	22.04	21.99	22.04
		36	19	22.14	22.05	22.09
		36	39	22.15	21.95	21.96
		75	0	21.95	21.88	22.02
	64QAM	1	0	21.82	21.90	21.81
		1	37	22.21	22.13	22.32
		1	74	21.92	21.91	21.88
		36	0	20.94	20.97	20.93
		36	19	21.01	20.98	20.91
		36	39	21.00	20.91	21.00
		75	0	20.80	20.92	20.87

Band/BW	Modulation	RB Size	RB Offset	Low CH 20050	Mid CH 20175	High CH 20300
				Frequency 1720 MHz	Frequency 1732.5 MHz	Frequency 1745 MHz
4/ 20	QPSK	1	0	23.76	23.85	23.69
		1	50	24.09	24.19	24.10
		1	99	23.90	23.95	23.88
		50	0	23.16	23.07	23.11
		50	25	23.13	23.23	23.17
		50	50	23.14	23.18	23.21
		100	0	22.98	23.24	23.20
	16QAM	1	0	22.91	23.11	22.97
		1	50	23.35	23.41	23.34
		1	99	23.26	23.14	22.95
		50	0	22.18	22.01	22.09
		50	25	22.26	22.15	22.13
		50	50	22.24	22.01	22.01
		100	0	22.10	21.98	22.03
	64QAM	1	0	21.90	22.03	21.95
		1	50	22.32	22.26	22.38
		1	99	22.00	22.02	22.02
		50	0	20.99	21.00	21.04
		50	25	21.02	21.08	21.06
		50	50	21.03	21.06	21.07
		100	0	20.92	21.05	20.96



Test Report No.: W7L-P24100002RF08

LTE Band 38

Band/BW	Modulation	RB Size	RB Offset	Low CH 37775	Mid CH 38000	High CH 38225
				Frequency 2572.5 MHz	Frequency 2595 MHz	Frequency 2617.5MHz
38/ 5	QPSK	1	0	23.84	23.94	23.84
		1	12	24.21	24.23	24.09
		1	24	23.80	23.83	23.81
		12	0	23.01	23.05	23.12
		12	6	23.07	23.10	23.13
		12	13	23.05	23.01	23.01
		25	0	23.09	22.97	23.00
	16QAM	1	0	22.83	22.93	22.66
		1	12	23.28	23.28	22.97
		1	24	22.74	22.73	22.67
		12	0	21.97	21.92	22.04
		12	6	21.99	21.97	22.00
		12	13	22.13	21.95	21.98
		25	0	21.98	21.96	21.98
	64QAM	1	0	21.66	21.90	21.53
		1	12	21.98	22.14	21.87
		1	24	21.55	21.51	21.69
		12	0	20.92	20.85	21.00
		12	6	21.00	20.87	21.01
		12	13	20.94	20.93	20.81
		25	0	20.89	20.87	20.90



Test Report No.: W7L-P24100002RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH 37800	Mid CH 38000	High CH 38200
				Frequency 2575 MHz	Frequency 2595 MHz	Frequency 2615 MHz
38/ 10	QPSK	1	0	23.72	23.90	23.81
		1	24	24.17	24.28	24.14
		1	49	23.91	23.83	23.87
		25	0	22.90	22.99	23.10
		25	12	22.99	23.13	23.01
		25	25	23.03	23.02	23.01
		50	0	22.98	23.00	23.08
	16QAM	1	0	22.92	23.00	22.68
		1	24	23.28	23.26	22.99
		1	49	22.74	22.68	22.66
		25	0	21.89	21.97	22.14
		25	12	21.98	21.98	22.10
		25	25	22.02	21.97	22.01
		50	0	22.06	21.89	21.97
	64QAM	1	0	21.72	21.90	21.53
		1	24	21.99	22.24	21.91
		1	49	21.57	21.54	21.54
		25	0	20.90	20.92	21.03
		25	12	20.94	20.89	21.03
		25	25	20.94	20.84	20.86
		50	0	20.94	20.93	20.84



Test Report No.: W7L-P24100002RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH 37825	Mid CH 38000	High CH 38175
				Frequency 2577.5 MHz	Frequency 2595 MHz	Frequency 2612.5MHz
38/ 15	QPSK	1	0	23.78	23.89	23.78
		1	37	24.22	24.23	24.19
		1	74	23.89	23.77	23.88
		36	0	22.94	23.10	23.11
		36	19	22.97	23.13	23.07
		36	39	23.01	23.00	22.98
		75	0	22.97	23.01	23.00
	16QAM	1	0	22.91	22.94	22.57
		1	37	23.26	23.27	23.03
		1	74	22.82	22.63	22.65
		36	0	21.96	21.89	22.07
		36	19	22.12	22.01	22.13
		36	39	22.02	22.01	22.08
		75	0	21.98	21.98	21.99
	64QAM	1	0	21.77	21.84	21.57
		1	37	21.88	22.20	21.85
		1	74	21.51	21.57	21.75
		36	0	20.86	20.82	20.99
		36	19	21.02	20.83	20.93
		36	39	20.82	20.88	20.87
		75	0	20.86	20.89	20.92



Test Report No.: W7L-P24100002RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH 37850	Mid CH 38000	High CH 38150
				Frequency 2580 MHz	Frequency 2595 MHz	Frequency 2610 MHz
38/ 20	QPSK	1	0	23.87	23.95	23.85
		1	50	24.25	24.29	24.22
		1	99	23.95	23.92	23.95
		50	0	23.02	23.13	23.13
		50	25	23.10	23.19	23.15
		50	50	23.07	23.11	23.08
		100	0	23.07	23.12	23.10
	16QAM	1	0	22.95	23.02	22.71
		1	50	23.33	23.33	23.10
		1	99	22.88	22.78	22.73
		50	0	22.03	22.01	22.18
		50	25	22.13	22.11	22.14
		50	50	22.15	22.06	22.11
		100	0	22.09	22.02	22.12
	64QAM	1	0	21.78	21.95	21.61
		1	50	22.00	22.27	21.93
		1	99	21.62	21.63	21.52
		50	0	20.96	20.94	21.04
		50	25	21.06	20.97	21.05
		50	50	20.97	20.94	20.95
		100	0	20.95	21.01	20.98



**BUREAU
VERITAS**

Test Report No.: W7L-P24100002RF08

LTE Band 41

Band/BW	Modulation	RB Size	RB Offset	Low CH (39675)	Mid CH (40620)	High CH (41565)
				Frequency (2498.5)MHz	Frequency (2593)MHz	Frequency (2687.5)MHz
41/ 5	QPSK	1	0	23.70	23.68	23.68
		1	12	23.93	23.89	23.88
		1	24	23.64	23.55	23.48
		12	0	22.70	22.74	22.66
		12	6	22.88	22.73	22.74
		12	13	22.88	22.59	22.59
		25	0	22.85	22.77	22.80
	16QAM	1	0	22.60	22.68	22.66
		1	12	23.07	22.93	22.99
		1	24	22.77	22.42	22.54
		12	0	21.84	21.82	21.76
		12	6	21.78	21.75	21.75
		12	13	21.98	21.64	21.67
		25	0	21.92	21.77	21.82
	64QAM	1	0	21.54	21.53	21.47
		1	12	21.65	21.50	21.42
		1	24	21.44	21.53	21.50
		12	0	20.58	20.69	20.68
		12	6	20.85	20.78	20.74
		12	13	20.73	20.71	20.61
		25	0	20.84	20.73	20.64

Band/BW	Modulation	RB Size	RB Offset	Low CH (39700)	Mid CH (40620)	High CH (41540)
				Frequency (2501)MHz	Frequency (2593)MHz	Frequency (2685)MHz
41/ 10	QPSK	1	0	23.71	23.63	23.62
		1	24	24.02	23.95	23.88
		1	49	23.62	23.59	23.57
		25	0	22.66	22.74	22.77
		25	12	22.88	22.66	22.76
		25	25	22.86	22.62	22.62
		50	0	22.88	22.83	22.80
	16QAM	1	0	22.61	22.65	22.69
		1	24	23.01	22.89	22.88
		1	49	22.66	22.47	22.46
		25	0	21.73	21.76	21.76
		25	12	21.83	21.72	21.80
		25	25	21.88	21.66	21.58
		50	0	21.92	21.76	21.78
	64QAM	1	0	21.58	21.55	21.45
		1	24	21.70	21.52	21.42
		1	49	21.44	21.52	21.59
		25	0	20.62	20.73	20.68
		25	12	20.77	20.70	20.70
		25	25	20.76	20.64	20.65
		50	0	20.84	20.62	20.77



Test Report No.: W7L-P24100002RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH (39725)	Mid CH (40620)	High CH (41515)
				Frequency (2503.5)MHz	Frequency (2593)MHz	Frequency (2682.5)MHz
41/ 15	QPSK	1	0	23.63	23.68	23.63
		1	37	23.99	23.89	23.82
		1	74	23.65	23.56	23.58
		36	0	22.67	22.71	22.76
		36	19	22.78	22.77	22.74
		36	39	22.88	22.61	22.65
		75	0	22.79	22.77	22.82
	16QAM	1	0	22.63	22.65	22.70
		1	37	23.11	22.89	22.99
		1	74	22.70	22.42	22.52
		36	0	21.80	21.77	21.76
		36	19	21.87	21.78	21.79
		36	39	21.91	21.68	21.70
		75	0	21.90	21.73	21.71
	64QAM	1	0	21.62	21.57	21.42
		1	37	21.67	21.53	21.42
		1	74	21.44	21.57	21.53
		36	0	20.69	20.70	20.78
		36	19	20.82	20.80	20.74
		36	39	20.86	20.66	20.57
		75	0	20.76	20.73	20.67



Test Report No.: W7L-P24100002RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH (39750)	Mid CH (40620)	High CH (41490)
				Frequency (2506)MHz	Frequency (2593)MHz	Frequency (2680)MHz
41/ 20	QPSK	1	0	23.73	23.75	23.74
		1	50	24.04	24.00	23.97
		1	99	23.72	23.64	23.61
		50	0	22.76	22.77	22.78
		50	25	22.90	22.81	22.84
		50	50	22.89	22.72	22.68
		100	0	22.92	22.84	22.87
	16QAM	1	0	22.70	22.78	22.76
		1	50	23.13	22.99	23.00
		1	99	22.80	22.56	22.59
		50	0	21.85	21.83	21.87
		50	25	21.93	21.86	21.88
		50	50	22.00	21.78	21.73
		100	0	21.95	21.82	21.83
	64QAM	1	0	21.66	21.68	21.56
		1	50	21.71	21.57	21.56
		1	99	21.59	21.58	21.63
		50	0	20.72	20.79	20.83
		50	25	20.89	20.81	20.85
		50	50	20.88	20.73	20.69
		100	0	20.87	20.74	20.79

LTE Band 66

Band/BW	Modulation	RB Size	RB Offset	Low CH 131979	Mid CH 132322	High CH 132665
				Frequency 1710.7MHz	Frequency 1745MHz	Frequency 1779.3MHz
66/ 1.4	QPSK	1	0	24.01	23.92	24.01
		1	2	24.27	24.43	24.34
		1	5	24.14	24.21	24.02
		3	0	24.25	24.24	24.17
		3	1	24.20	24.33	24.15
		3	3	24.26	24.16	24.03
		6	0	23.43	23.41	23.36
	16QAM	1	0	23.22	23.36	23.33
		1	2	23.49	23.67	23.52
		1	5	23.25	23.41	23.32
		3	0	23.15	23.33	23.25
		3	1	23.33	23.40	23.33
		3	3	23.24	23.25	23.10
		6	0	22.32	22.45	22.37
	64QAM	1	0	22.25	22.20	22.24
		1	2	22.55	22.70	22.57
		1	5	22.35	22.34	22.34
		3	0	22.13	22.20	22.25
		3	1	22.22	22.15	22.19
		3	3	22.21	22.26	22.05
		6	0	21.21	21.43	21.38



Test Report No.: W7L-P24100002RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH 131987	Mid CH 132322	High CH 132657
				Frequency 1711.5MHz	Frequency 1745MHz	Frequency 1778.5MHz
66/ 3	QPSK	1	0	24.01	23.95	23.95
		1	7	24.35	24.45	24.34
		1	14	24.14	24.23	24.06
		8	0	23.39	23.44	23.26
		8	3	23.38	23.42	23.38
		8	7	23.33	23.45	23.22
		15	0	23.39	23.42	23.36
	16QAM	1	0	23.35	23.49	23.32
		1	7	23.51	23.59	23.48
		1	14	23.29	23.49	23.25
		8	0	22.31	22.43	22.40
		8	3	22.52	22.46	22.48
		8	7	22.48	22.45	22.23
		15	0	22.43	22.49	22.34
	64QAM	1	0	22.30	22.34	22.33
		1	7	22.58	22.70	22.67
		1	14	22.34	22.34	22.28
		8	0	21.40	21.45	21.43
		8	3	21.31	21.32	21.42
		8	7	21.46	21.48	21.25
		15	0	21.28	21.41	21.37



Test Report No.: W7L-P24100002RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH 131997	Mid CH 132322	High CH 132647
				Frequency 1712.5MHz	Frequency 1745MHz	Frequency 1777.5MHz
66/ 5	QPSK	1	0	24.00	24.00	23.93
		1	12	24.38	24.50	24.34
		1	24	24.22	24.19	24.07
		12	0	23.35	23.42	23.38
		12	6	23.46	23.46	23.33
		12	13	23.38	23.38	23.26
		25	0	23.39	23.45	23.32
	16QAM	1	0	23.24	23.35	23.37
		1	12	23.52	23.55	23.55
		1	24	23.34	23.38	23.29
		12	0	22.32	22.46	22.41
		12	6	22.46	22.49	22.56
		12	13	22.51	22.39	22.26
		25	0	22.31	22.52	22.40
	64QAM	1	0	22.31	22.26	22.20
		1	12	22.61	22.57	22.58
		1	24	22.37	22.42	22.28
		12	0	21.30	21.33	21.36
		12	6	21.35	21.37	21.39
		12	13	21.40	21.46	21.26
		25	0	21.27	21.43	21.42

Band/BW	Modulation	RB Size	RB Offset	Low CH 132022	Mid CH 132322	High CH 132622
				Frequency 1715MHz	Frequency 1745MHz	Frequency 1775MHz
66/ 10	QPSK	1	0	23.91	24.05	23.99
		1	24	24.27	24.51	24.40
		1	49	24.08	24.13	24.12
		25	0	23.45	23.40	23.31
		25	12	23.36	23.46	23.29
		25	25	23.41	23.40	23.23
		50	0	23.31	23.34	23.27
	16QAM	1	0	23.24	23.42	23.25
		1	24	23.54	23.63	23.62
		1	49	23.28	23.50	23.28
		25	0	22.34	22.45	22.35
		25	12	22.52	22.58	22.54
		25	25	22.49	22.38	22.19
		50	0	22.37	22.39	22.32
	64QAM	1	0	22.22	22.21	22.20
		1	24	22.57	22.70	22.57
		1	49	22.35	22.37	22.25
		25	0	21.31	21.44	21.33
		25	12	21.26	21.42	21.38
		25	25	21.33	21.51	21.23
		50	0	21.27	21.45	21.39



Test Report No.: W7L-P24100002RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH 132047	Mid CH 132322	High CH 132597
				Frequency 1717.5 MHz	Frequency 1745MHz	Frequency 1772.5 MHz
66/ 15	QPSK	1	0	23.96	23.98	23.91
		1	37	24.35	24.46	24.26
		1	74	24.13	24.26	24.02
		36	0	23.45	23.39	23.36
		36	19	23.43	23.37	23.33
		36	39	23.45	23.39	23.24
		75	0	23.35	23.33	23.39
	16QAM	1	0	23.32	23.43	23.24
		1	37	23.62	23.54	23.51
		1	74	23.28	23.37	23.35
		36	0	22.29	22.52	22.38
		36	19	22.43	22.48	22.58
		36	39	22.46	22.46	22.21
		75	0	22.29	22.51	22.32
	64QAM	1	0	22.33	22.28	22.34
		1	37	22.55	22.65	22.60
		1	74	22.38	22.39	22.34
		36	0	21.35	21.46	21.32
		36	19	21.36	21.43	21.43
		36	39	21.38	21.44	21.21
		75	0	21.34	21.41	21.46



Test Report No.: W7L-P24100002RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH 132072	Mid CH 132322	High CH 132572
				Frequency 1720MHz	Frequency 1745MHz	Frequency 1770MHz
66/ 20	QPSK	1	0	24.06	24.07	24.05
		1	50	24.39	24.56	24.41
		1	99	24.23	24.28	24.13
		50	0	23.46	23.49	23.40
		50	25	23.50	23.52	23.44
		50	50	23.47	23.48	23.34
		100	0	23.44	23.47	23.41
	16QAM	1	0	23.36	23.50	23.38
		1	50	23.63	23.69	23.63
		1	99	23.38	23.51	23.40
		50	0	22.44	22.58	22.45
		50	25	22.57	22.59	22.61
		50	50	22.53	22.53	22.34
		100	0	22.44	22.54	22.44
	64QAM	1	0	22.35	22.35	22.35
		1	50	22.69	22.72	22.71
		1	99	22.43	22.45	22.39
		50	0	21.43	21.47	21.47
		50	25	21.41	21.47	21.48
		50	50	21.48	21.55	21.34
		100	0	21.36	21.50	21.48



**BUREAU
VERITAS**

Test Report No.: W7L-P24100002RF08

EIRP

Ant 0(UP):

LTE BAND 4

CHANNEL BANDWIDTH: 1.4MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19957	1710.7	24.3	-1.5	22.8	190.55	1
20175	1732.5	24.27	-1.5	22.77	189.23	1
20393	1754.3	24.2	-1.5	22.7	186.21	1

CHANNEL BANDWIDTH: 1.4MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19957	1710.7	23.38	-1.5	21.88	154.17	1
20175	1732.5	23.52	-1.5	22.02	159.22	1
20393	1754.3	23.59	-1.5	22.09	161.81	1

CHANNEL BANDWIDTH: 1.4MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19957	1710.7	22.82	-1.5	21.32	135.52	1
20175	1732.5	22.49	-1.5	20.99	125.6	1
20393	1754.3	22.54	-1.5	21.04	127.06	1

CHANNEL BANDWIDTH: 3MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19965	1711.5	24.27	-1.5	22.77	189.23	1
20175	1732.5	24.26	-1.5	22.76	188.8	1
20385	1753.5	24.22	-1.5	22.72	187.07	1

CHANNEL BANDWIDTH: 3MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19965	1711.5	23.46	-1.5	21.96	157.04	1
20175	1732.5	23.46	-1.5	21.96	157.04	1
20385	1753.5	23.14	-1.5	21.64	145.88	1

CHANNEL BANDWIDTH: 3MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19965	1711.5	22.71	-1.5	21.21	132.13	1
20175	1732.5	22.54	-1.5	21.04	127.06	1
20385	1753.5	22.59	-1.5	21.09	128.53	1

CHANNEL BANDWIDTH: 5MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19975	1712.5	24.28	-1.5	22.78	189.67	1
20175	1732.5	24.26	-1.5	22.76	188.8	1
20375	1752.5	24.19	-1.5	22.69	185.78	1

CHANNEL BANDWIDTH: 5MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19975	1712.5	23.44	-1.5	21.94	156.31	1
20175	1732.5	23.49	-1.5	21.99	158.12	1
20375	1752.5	23.54	-1.5	22.04	159.96	1

CHANNEL BANDWIDTH: 5MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19975	1712.5	22.69	-1.5	21.19	131.52	1
20175	1732.5	22.52	-1.5	21.02	126.47	1
20375	1752.5	22.61	-1.5	21.11	129.12	1

CHANNEL BANDWIDTH: 10MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20000	1715	24.27	-1.5	22.77	189.23	1
20175	1732.5	24.29	-1.5	22.79	190.11	1
20350	1750	24.29	-1.5	22.79	190.11	1

CHANNEL BANDWIDTH: 10MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20000	1715	23.38	-1.5	21.88	154.17	1
20175	1732.5	23.44	-1.5	21.94	156.31	1
20350	1750	23.52	-1.5	22.02	159.22	1

CHANNEL BANDWIDTH: 10MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20000	1715	22.81	-1.5	21.31	135.21	1
20175	1732.5	22.56	-1.5	21.06	127.64	1
20350	1750	22.51	-1.5	21.01	126.18	1

CHANNEL BANDWIDTH: 15MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20025	1717.5	24.31	-1.5	22.81	190.99	1
20175	1732.5	24.19	-1.5	22.69	185.78	1
20325	1747.5	24.3	-1.5	22.8	190.55	1

CHANNEL BANDWIDTH: 15MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20025	1717.5	23.47	-1.5	21.97	157.4	1
20175	1732.5	23.54	-1.5	22.04	159.96	1
20325	1747.5	23.57	-1.5	22.07	161.06	1

CHANNEL BANDWIDTH: 15MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20025	1717.5	22.82	-1.5	21.32	135.52	1
20175	1732.5	22.53	-1.5	21.03	126.77	1
20325	1747.5	22.5	-1.5	21	125.89	1

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20050	1720	24.37	-1.5	22.87	193.64	1
20175	1732.5	24.34	-1.5	22.84	192.31	1
20300	1745	24.33	-1.5	22.83	191.87	1

CHANNEL BANDWIDTH: 20MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20050	1720	23.5	-1.5	22	158.49	1
20175	1732.5	23.58	-1.5	22.08	161.44	1
20300	1745	23.63	-1.5	22.13	163.31	1

CHANNEL BANDWIDTH: 20MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20050	1720	22.84	-1.5	21.34	136.14	1
20175	1732.5	22.62	-1.5	21.12	129.42	1
20300	1745	22.63	-1.5	21.13	129.72	1

LTE BAND 38

CHANNEL BANDWIDTH: 5MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37775	2572.5	23.57	-1	22.57	180.72	2
38000	2595.0	23.62	-1	22.62	182.81	2
38225	2617.5	23.51	-1	22.51	178.24	2

CHANNEL BANDWIDTH: 5MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37775	2572.5	22.54	-1	21.54	142.56	2
38000	2595.0	22.67	-1	21.67	146.89	2
38225	2617.5	22.53	-1	21.53	142.23	2

CHANNEL BANDWIDTH: 5MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37775	2572.5	21.17	-1	20.17	103.99	2
38000	2595	21.18	-1	20.18	104.23	2
38225	2617.5	21.11	-1	20.11	102.57	2



**BUREAU
VERITAS**

Test Report No.: W7L-P24100002RF08

CHANNEL BANDWIDTH: 10MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37800	2575.0	23.61	-1	22.61	182.39	2
38000	2595.0	23.59	-1	22.59	181.55	2
38200	2615.0	23.57	-1	22.57	180.72	2

CHANNEL BANDWIDTH: 10MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37800	2575.0	22.55	-1	21.55	142.89	2
38000	2595.0	22.56	-1	21.56	143.22	2
38200	2615.0	22.48	-1	21.48	140.6	2

CHANNEL BANDWIDTH: 10MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37800	2575	21.23	-1	20.23	105.44	2
38000	2595	21.16	-1	20.16	103.75	2
38200	2615	21.14	-1	20.14	103.28	2



**BUREAU
VERITAS**

Test Report No.: W7L-P24100002RF08

CHANNEL BANDWIDTH: 15MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37825	2577.5	23.64	-1	22.64	183.65	2
38000	2595.0	23.59	-1	22.59	181.55	2
38175	2612.5	23.57	-1	22.57	180.72	2

CHANNEL BANDWIDTH: 15MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37825	2577.5	22.6	-1	21.6	144.54	2
38000	2595.0	22.56	-1	21.56	143.22	2
38175	2612.5	22.45	-1	21.45	139.64	2

CHANNEL BANDWIDTH: 15MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37825	2577.5	21.13	-1	20.13	103.04	2
38000	2595	21.15	-1	20.15	103.51	2
38175	2612.5	21.13	-1	20.13	103.04	2



**BUREAU
VERITAS**

Test Report No.: W7L-P24100002RF08

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37850	2580.0	23.67	-1	22.67	184.93	2
38000	2595.0	23.71	-1	22.71	186.64	2
38150	2610.0	23.62	-1	22.62	182.81	2

CHANNEL BANDWIDTH: 20MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37850	2580.0	22.66	-1	21.66	146.55	2
38000	2595.0	22.68	-1	21.68	147.23	2
38150	2610.0	22.6	-1	21.6	144.54	2

CHANNEL BANDWIDTH: 20MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37850	2580	21.25	-1	20.25	105.93	2
38000	2595	21.25	-1	20.25	105.93	2
38150	2610	21.21	-1	20.21	104.95	2



**BUREAU
VERITAS**

Test Report No.: W7L-P24100002RF08

LTE BAND 41

CHANNEL BANDWIDTH: 5MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39675	2498.5	23.72	-1	22.72	187.07	2
40620	2593.0	23.63	-1	22.63	183.23	2
41565	2687.5	23.29	-1	22.29	169.43	2

CHANNEL BANDWIDTH: 5MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39675	2498.5	22.73	-1	21.73	148.94	2
40620	2593.0	22.53	-1	21.53	142.23	2
41565	2687.5	22.34	-1	21.34	136.14	2

CHANNEL BANDWIDTH: 5MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39675	2498.5	21.37	-1	20.37	108.89	2
40620	2593.0	21.18	-1	20.18	104.23	2
41565	2687.5	21.14	-1	20.14	103.28	2



**BUREAU
VERITAS**

Test Report No.: W7L-P24100002RF08

CHANNEL BANDWIDTH: 10MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39700	2501.0	23.73	-1	22.73	187.5	2
40620	2593.0	23.54	-1	22.54	179.47	2
41540	2685.0	23.34	-1	22.34	171.4	2

CHANNEL BANDWIDTH: 10MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39700	2501.0	22.7	-1	21.7	147.91	2
40620	2593.0	22.6	-1	21.6	144.54	2
41540	2685.0	22.37	-1	21.37	137.09	2

CHANNEL BANDWIDTH: 10MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39700	2501.0	21.36	-1	20.36	108.64	2
40620	2593.0	21.26	-1	20.26	106.17	2
41540	2685.0	21.12	-1	20.12	102.8	2



**BUREAU
VERITAS**

Test Report No.: W7L-P24100002RF08

CHANNEL BANDWIDTH: 15MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39725	2503.5	23.66	-1	22.66	184.5	2
40620	2593.0	23.51	-1	22.51	178.24	2
41515	2682.5	23.41	-1	22.41	174.18	2

CHANNEL BANDWIDTH: 15MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39725	2503.5	22.6	-1	21.6	144.54	2
40620	2593.0	22.53	-1	21.53	142.23	2
41515	2682.5	22.36	-1	21.36	136.77	2

CHANNEL BANDWIDTH: 15MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39725	2503.5	21.37	-1	20.37	108.89	2
40620	2593.0	21.16	-1	20.16	103.75	2
41515	2682.5	21.09	-1	20.09	102.09	2



**BUREAU
VERITAS**

Test Report No.: W7L-P24100002RF08

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39750	2506.0	23.8	-1	22.8	190.55	2
40620	2593.0	23.65	-1	22.65	184.08	2
41490	2680.0	23.43	-1	22.43	174.98	2

CHANNEL BANDWIDTH: 20MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39750	2506.0	22.75	-1	21.75	149.62	2
40620	2593.0	22.68	-1	21.68	147.23	2
41490	2680.0	22.38	-1	21.38	137.4	2

CHANNEL BANDWIDTH: 20 MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39750	2506.0	21.38	-1	20.38	109.14	2
40620	2593.0	21.28	-1	20.28	106.66	2
41490	2680.0	21.23	-1	20.23	105.44	2

LTE BAND 66

CHANNEL BANDWIDTH: 1.4MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
131979	1710.7	24.26	-1.5	22.76	188.8	1
132322	1745	24.48	-1.5	22.98	198.61	1
132665	1779.3	24.52	-1.5	23.02	200.45	1

CHANNEL BANDWIDTH: 1.4MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
131979	1710.7	23.55	-1.5	22.05	160.32	1
132322	1745	23.72	-1.5	22.22	166.72	1
132665	1779.3	23.7	-1.5	22.2	165.96	1

CHANNEL BANDWIDTH: 1.4MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
131979	1710.7	22.45	-1.5	20.95	124.45	1
132322	1745	23	-1.5	21.5	141.25	1
132665	1779.3	22.81	-1.5	21.31	135.21	1

CHANNEL BANDWIDTH: 3MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
131987	1711.5	24.31	-1.5	22.81	190.99	1
132322	1745	24.5	-1.5	23	199.53	1
132657	1778.5	24.41	-1.5	22.91	195.43	1

CHANNEL BANDWIDTH: 3MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
131987	1711.5	23.58	-1.5	22.08	161.44	1
132322	1745	23.59	-1.5	22.09	161.81	1
132657	1778.5	23.74	-1.5	22.24	167.49	1

CHANNEL BANDWIDTH: 3MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
131987	1711.5	22.57	-1.5	21.07	127.94	1
132322	1745	22.96	-1.5	21.46	139.96	1
132657	1778.5	22.79	-1.5	21.29	134.59	1

CHANNEL BANDWIDTH: 5MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
131997	1712.5	24.23	-1.5	22.73	187.5	1
132322	1745	24.48	-1.5	22.98	198.61	1
132647	1777.5	24.38	-1.5	22.88	194.09	1

CHANNEL BANDWIDTH: 5MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
131997	1712.5	23.51	-1.5	22.01	158.85	1
132322	1745	23.62	-1.5	22.12	162.93	1
132647	1777.5	23.8	-1.5	22.3	169.82	1

CHANNEL BANDWIDTH: 5MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
131997	1712.5	22.57	-1.5	21.07	127.94	1
132322	1745	23	-1.5	21.5	141.25	1
132647	1777.5	22.79	-1.5	21.29	134.59	1

CHANNEL BANDWIDTH: 10MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
132022	1715	24.25	-1.5	22.75	188.36	1
132322	1745	24.49	-1.5	22.99	199.07	1
132622	1775	24.41	-1.5	22.91	195.43	1

CHANNEL BANDWIDTH: 10MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
132022	1715	23.47	-1.5	21.97	157.4	1
132322	1745	23.67	-1.5	22.17	164.82	1
132622	1775	23.76	-1.5	22.26	168.27	1

CHANNEL BANDWIDTH: 10MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
132022	1715	22.48	-1.5	20.98	125.31	1
132322	1745	22.95	-1.5	21.45	139.64	1
132622	1775	22.8	-1.5	21.3	134.9	1

CHANNEL BANDWIDTH: 15MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
132047	1717.5	24.37	-1.5	22.87	193.64	1
132322	1745	24.57	-1.5	23.07	202.77	1
132597	1772.5	24.39	-1.5	22.89	194.54	1

CHANNEL BANDWIDTH: 15MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
132047	1717.5	23.52	-1.5	22.02	159.22	1
132322	1745	23.66	-1.5	22.16	164.44	1
132597	1772.5	23.78	-1.5	22.28	169.04	1

CHANNEL BANDWIDTH: 15MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
132047	1717.5	22.52	-1.5	21.02	126.47	1
132322	1745	22.97	-1.5	21.47	140.28	1
132597	1772.5	22.77	-1.5	21.27	133.97	1



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CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
132072	1720	24.38	-1.5	22.88	194.09	1
132322	1745	24.61	-1.5	23.11	204.64	1
132572	1770	24.53	-1.5	23.03	200.91	1

CHANNEL BANDWIDTH: 20MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
132072	1720	23.59	-1.5	22.09	161.81	1
132322	1745	23.74	-1.5	22.24	167.49	1
132572	1770	23.81	-1.5	22.31	170.22	1

CHANNEL BANDWIDTH: 20MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
132072	1720	22.6	-1.5	21.1	128.82	1
132322	1745	23.09	-1.5	21.59	144.21	1
132572	1770	22.84	-1.5	21.34	136.14	1

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



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Test Report No.: W7L-P24100002RF08

Ant 1(DOWN):

LTE BAND 4

CHANNEL BANDWIDTH: 1.4MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19957	1710.7	23.98	-1.5	22.48	177.01	1
20175	1732.5	24.08	-1.5	22.58	181.13	1
20393	1754.3	24.01	-1.5	22.51	178.24	1

CHANNEL BANDWIDTH: 1.4MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19957	1710.7	23.3	-1.5	21.8	151.36	1
20175	1732.5	23.33	-1.5	21.83	152.41	1
20393	1754.3	23.31	-1.5	21.81	151.71	1

CHANNEL BANDWIDTH: 1.4MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19957	1710.7	22.19	-1.5	20.69	117.22	1
20175	1732.5	22.24	-1.5	20.74	118.58	1
20393	1754.3	22.32	-1.5	20.82	120.78	1

CHANNEL BANDWIDTH: 3MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19965	1711.5	23.94	-1.5	22.44	175.39	1
20175	1732.5	24.05	-1.5	22.55	179.89	1
20385	1753.5	24.09	-1.5	22.59	181.55	1

CHANNEL BANDWIDTH: 3MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19965	1711.5	23.21	-1.5	21.71	148.25	1
20175	1732.5	23.21	-1.5	21.71	148.25	1
20385	1753.5	23.19	-1.5	21.69	147.57	1

CHANNEL BANDWIDTH: 3MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19965	1711.5	22.31	-1.5	20.81	120.5	1
20175	1732.5	22.2	-1.5	20.7	117.49	1
20385	1753.5	22.35	-1.5	20.85	121.62	1

CHANNEL BANDWIDTH: 5MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19975	1712.5	23.95	-1.5	22.45	175.79	1
20175	1732.5	24.17	-1.5	22.67	184.93	1
20375	1752.5	24.04	-1.5	22.54	179.47	1

CHANNEL BANDWIDTH: 5MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19975	1712.5	23.29	-1.5	21.79	151.01	1
20175	1732.5	23.37	-1.5	21.87	153.82	1
20375	1752.5	23.31	-1.5	21.81	151.71	1

CHANNEL BANDWIDTH: 5MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19975	1712.5	22.21	-1.5	20.71	117.76	1
20175	1732.5	22.18	-1.5	20.68	116.95	1
20375	1752.5	22.33	-1.5	20.83	121.06	1

CHANNEL BANDWIDTH: 10MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20000	1715	24	-1.5	22.5	177.83	1
20175	1732.5	24.07	-1.5	22.57	180.72	1
20350	1750	23.99	-1.5	22.49	177.42	1

CHANNEL BANDWIDTH: 10MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20000	1715	23.24	-1.5	21.74	149.28	1
20175	1732.5	23.32	-1.5	21.82	152.05	1
20350	1750	23.3	-1.5	21.8	151.36	1

CHANNEL BANDWIDTH: 10MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20000	1715	22.25	-1.5	20.75	118.85	1
20175	1732.5	22.16	-1.5	20.66	116.41	1
20350	1750	22.24	-1.5	20.74	118.58	1

CHANNEL BANDWIDTH: 15MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20025	1717.5	24.05	-1.5	22.55	179.89	1
20175	1732.5	24.11	-1.5	22.61	182.39	1
20325	1747.5	23.97	-1.5	22.47	176.6	1

CHANNEL BANDWIDTH: 15MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20025	1717.5	23.33	-1.5	21.83	152.41	1
20175	1732.5	23.35	-1.5	21.85	153.11	1
20325	1747.5	23.2	-1.5	21.7	147.91	1

CHANNEL BANDWIDTH: 15MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20025	1717.5	22.21	-1.5	20.71	117.76	1
20175	1732.5	22.13	-1.5	20.63	115.61	1
20325	1747.5	22.32	-1.5	20.82	120.78	1

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20050	1720	24.09	-1.5	22.59	181.55	1
20175	1732.5	24.19	-1.5	22.69	185.78	1
20300	1745	24.1	-1.5	22.6	181.97	1

CHANNEL BANDWIDTH: 20MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20050	1720	23.35	-1.5	21.85	153.11	1
20175	1732.5	23.41	-1.5	21.91	155.24	1
20300	1745	23.34	-1.5	21.84	152.76	1

CHANNEL BANDWIDTH: 20MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20050	1720	22.32	-1.5	20.82	120.78	1
20175	1732.5	22.26	-1.5	20.76	119.12	1
20300	1745	22.38	-1.5	20.88	122.46	1

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CHANNEL BANDWIDTH: 5MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37775	2572.5	24.21	-0.5	23.71	234.96	2
38000	2595.0	24.23	-0.5	23.73	236.05	2
38225	2617.5	24.09	-0.5	23.59	228.56	2

CHANNEL BANDWIDTH: 5MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37775	2572.5	23.28	-0.5	22.78	189.67	2
38000	2595.0	23.28	-0.5	22.78	189.67	2
38225	2617.5	22.97	-0.5	22.47	176.6	2

CHANNEL BANDWIDTH: 5MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37775	2572.5	21.98	-0.5	21.48	140.6	2
38000	2595	22.14	-0.5	21.64	145.88	2
38225	2617.5	21.87	-0.5	21.37	137.09	2



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CHANNEL BANDWIDTH: 10MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37800	2575.0	24.17	-0.5	23.67	232.81	2
38000	2595.0	24.28	-0.5	23.78	238.78	2
38200	2615.0	24.14	-0.5	23.64	231.21	2

CHANNEL BANDWIDTH: 10MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37800	2575.0	23.28	-0.5	22.78	189.67	2
38000	2595.0	23.26	-0.5	22.76	188.8	2
38200	2615.0	22.99	-0.5	22.49	177.42	2

CHANNEL BANDWIDTH: 10MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37800	2575	21.99	-0.5	21.49	140.93	2
38000	2595	22.24	-0.5	21.74	149.28	2
38200	2615	21.91	-0.5	21.41	138.36	2



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CHANNEL BANDWIDTH: 15MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37825	2577.5	24.22	-0.5	23.72	235.5	2
38000	2595.0	24.23	-0.5	23.73	236.05	2
38175	2612.5	24.19	-0.5	23.69	233.88	2

CHANNEL BANDWIDTH: 15MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37825	2577.5	23.26	-0.5	22.76	188.8	2
38000	2595.0	23.27	-0.5	22.77	189.23	2
38175	2612.5	23.03	-0.5	22.53	179.06	2

CHANNEL BANDWIDTH: 15MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37825	2577.5	21.88	-0.5	21.38	137.4	2
38000	2595	22.2	-0.5	21.7	147.91	2
38175	2612.5	21.85	-0.5	21.35	136.46	2



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CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37850	2580.0	24.25	-0.5	23.75	237.14	2
38000	2595.0	24.29	-0.5	23.79	239.33	2
38150	2610.0	24.22	-0.5	23.72	235.5	2

CHANNEL BANDWIDTH: 20MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37850	2580.0	23.33	-0.5	22.83	191.87	2
38000	2595.0	23.33	-0.5	22.83	191.87	2
38150	2610.0	23.1	-0.5	22.6	181.97	2

CHANNEL BANDWIDTH: 20MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37850	2580	22	-0.5	21.5	141.25	2
38000	2595	22.27	-0.5	21.77	150.31	2
38150	2610	21.93	-0.5	21.43	139	2



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VERITAS**

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CHANNEL BANDWIDTH: 5MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39675	2498.5	23.93	-0.5	23.43	220.29	2
40620	2593.0	23.89	-0.5	23.39	218.27	2
41565	2687.5	23.88	-0.5	23.38	217.77	2

CHANNEL BANDWIDTH: 5MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39675	2498.5	23.07	-0.5	22.57	180.72	2
40620	2593.0	22.93	-0.5	22.43	174.98	2
41565	2687.5	22.99	-0.5	22.49	177.42	2

CHANNEL BANDWIDTH: 5MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39675	2498.5	21.65	-0.5	21.15	130.32	2
40620	2593.0	21.53	-0.5	21.03	126.77	2
41565	2687.5	21.5	-0.5	21	125.89	2



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VERITAS

Test Report No.: W7L-P24100002RF08

CHANNEL BANDWIDTH: 10MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39700	2501.0	24.02	-0.5	23.52	224.91	2
40620	2593.0	23.95	-0.5	23.45	221.31	2
41540	2685.0	23.88	-0.5	23.38	217.77	2

CHANNEL BANDWIDTH: 10MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39700	2501.0	23.01	-0.5	22.51	178.24	2
40620	2593.0	22.89	-0.5	22.39	173.38	2
41540	2685.0	22.88	-0.5	22.38	172.98	2

CHANNEL BANDWIDTH: 10MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39700	2501.0	21.7	-0.5	21.2	131.83	2
40620	2593.0	21.55	-0.5	21.05	127.35	2
41540	2685.0	21.59	-0.5	21.09	128.53	2