



Test Report No.: W7L-240618W001RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH (42190)	Mid CH (42590)	High CH (42990)
				Frequency (3460)MHz	Frequency (3500)MHz	Frequency (3540)MHz
42/ 20	QPSK	1	0	20.96	20.67	20.84
		1	50	21.01	20.76	20.96
		1	99	20.89	20.70	20.76
		50	0	20.05	19.88	19.87
		50	25	20.12	19.93	20.03
		50	50	20.07	19.72	19.92
		100	0	19.96	19.74	20.03
	16QAM	1	0	20.06	19.81	20.12
		1	50	20.15	19.97	20.00
		1	99	19.96	19.71	19.87
		50	0	19.04	18.90	19.07
		50	25	19.08	19.13	18.96
		50	50	19.07	18.77	19.00
		100	0	18.99	18.78	18.97
	64QAM	1	0	18.89	18.89	18.94
		1	50	18.84	18.95	18.95
		1	99	18.87	18.88	18.75
		50	0	17.99	17.96	17.95
		50	25	18.01	17.90	17.99
		50	50	17.98	17.90	17.94
		100	0	17.94	17.88	17.90



Test Report No.: W7L-240618W001RF08

EIRP

Ant 4(UP):

LTE B4 1.4M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19957	1710.7	23.69	0.3	23.99	250.61	1
20175	1732.5	23.78	0.3	24.08	255.86	1
20393	1754.3	23.62	0.3	23.92	246.6	1

LTE B4 1.4M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19957	1710.7	22.94	0.3	23.24	210.86	1
20175	1732.5	22.89	0.3	23.19	208.45	1
20393	1754.3	22.86	0.3	23.16	207.01	1

LTE B4 1.4M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19957	1710.7	21.82	0.3	22.12	162.93	1
20175	1732.5	21.78	0.3	22.08	161.44	1
20393	1754.3	21.79	0.3	22.09	161.81	1

LTE B4 3M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19965	1711.5	23.62	0.3	23.92	246.6	1
20175	1732.5	23.71	0.3	24.01	251.77	1
20385	1753.5	23.63	0.3	23.93	247.17	1

LTE B4 3M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19965	1711.5	22.81	0.3	23.11	204.64	1
20175	1732.5	22.81	0.3	23.11	204.64	1
20385	1753.5	22.81	0.3	23.11	204.64	1



Test Report No.: W7L-240618W001RF08

LTE B4 3M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19965	1711.5	21.81	0.3	22.11	162.55	1
20175	1732.5	21.77	0.3	22.07	161.06	1
20385	1753.5	21.76	0.3	22.06	160.69	1

LTE B4 5M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19975	1712.5	23.65	0.3	23.95	248.31	1
20175	1732.5	23.76	0.3	24.06	254.68	1
20375	1752.5	23.7	0.3	24	251.19	1

LTE B4 5M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19975	1712.5	22.84	0.3	23.14	206.06	1
20175	1732.5	22.87	0.3	23.17	207.49	1
20375	1752.5	22.84	0.3	23.14	206.06	1

LTE B4 5M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19975	1712.5	21.88	0.3	22.18	165.2	1
20175	1732.5	21.78	0.3	22.08	161.44	1
20375	1752.5	21.8	0.3	22.1	162.18	1

LTE B4 10M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20000	1715	23.58	0.3	23.88	244.34	1
20175	1732.5	23.71	0.3	24.01	251.77	1
20350	1750	23.7	0.3	24	251.19	1

LTE B4 10M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20000	1715	22.9	0.3	23.2	208.93	1
20175	1732.5	22.87	0.3	23.17	207.49	1
20350	1750	22.91	0.3	23.21	209.41	1

LTE B4 10M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20000	1715	21.79	0.3	22.09	161.81	1
20175	1732.5	21.82	0.3	22.12	162.93	1
20350	1750	21.79	0.3	22.09	161.81	1

LTE B4 15M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20025	1717.5	23.67	0.3	23.97	249.46	1
20175	1732.5	23.78	0.3	24.08	255.86	1
20325	1747.5	23.58	0.3	23.88	244.34	1

LTE B4 15M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20025	1717.5	22.89	0.3	23.19	208.45	1
20175	1732.5	22.92	0.3	23.22	209.89	1
20325	1747.5	22.91	0.3	23.21	209.41	1

LTE B4 15M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20025	1717.5	21.81	0.3	22.11	162.55	1
20175	1732.5	21.81	0.3	22.11	162.55	1
20325	1747.5	21.77	0.3	22.07	161.06	1



Test Report No.: W7L-240618W001RF08

LTE B4 20M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20050	1720	23.69	0.3	23.99	250.61	1
20175	1732.5	23.8	0.3	24.1	257.04	1
20300	1745	23.71	0.3	24.01	251.77	1

LTE B4 20M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20050	1720	22.96	0.3	23.26	211.84	1
20175	1732.5	23	0.3	23.3	213.8	1
20300	1745	22.94	0.3	23.24	210.86	1

LTE B4 20M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20050	1720	21.89	0.3	22.19	165.58	1
20175	1732.5	21.9	0.3	22.2	165.96	1
20300	1745	21.85	0.3	22.15	164.06	1



Test Report No.: W7L-240618W001RF08

LTE B38 5M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37775	2572.5	23.24	-1	22.24	167.49	2
38000	2595	23.33	-1	22.33	171	2
38225	2617.5	23.2	-1	22.2	165.96	2

LTE B38 5M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37775	2572.5	22.36	-1	21.36	136.77	2
38000	2595	22.26	-1	21.26	133.66	2
38225	2617.5	22.27	-1	21.27	133.97	2

LTE B38 5M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37775	2572.5	21.35	-1	20.35	108.39	2
38000	2595	21.25	-1	20.25	105.93	2
38225	2617.5	21.26	-1	20.26	106.17	2

LTE B38 10M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37800	2575	23.27	-1	22.27	168.66	2
38000	2595	23.27	-1	22.27	168.66	2
38200	2615	23.16	-1	22.16	164.44	2

LTE B38 10M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37800	2575	22.33	-1	21.33	135.83	2
38000	2595	22.27	-1	21.27	133.97	2
38200	2615	22.23	-1	21.23	132.74	2

LTE B38 10M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37800	2575	21.27	-1	20.27	106.41	2
38000	2595	21.28	-1	20.28	106.66	2
38200	2615	21.22	-1	20.22	105.2	2

LTE B38 15M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37825	2577.5	23.18	-1	22.18	165.2	2
38000	2595	23.27	-1	22.27	168.66	2
38175	2612.5	23.21	-1	22.21	166.34	2

LTE B38 15M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37825	2577.5	22.37	-1	21.37	137.09	2
38000	2595	22.33	-1	21.33	135.83	2
38175	2612.5	22.19	-1	21.19	131.52	2

LTE B38 15M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37825	2577.5	21.32	-1	20.32	107.65	2
38000	2595	21.19	-1	20.19	104.47	2
38175	2612.5	21.15	-1	20.15	103.51	2

LTE B38 20M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37850	2580	23.32	-1	22.32	170.61	2
38000	2595	23.34	-1	22.34	171.4	2
38150	2610	23.26	-1	22.26	168.27	2



Test Report No.: W7L-240618W001RF08

LTE B38 20M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37850	2580	22.41	-1	21.41	138.36	2
38000	2595	22.36	-1	21.36	136.77	2
38150	2610	22.31	-1	21.31	135.21	2

LTE B38 20M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37850	2580	21.37	-1	20.37	108.89	2
38000	2595	21.33	-1	20.33	107.89	2
38150	2610	21.28	-1	20.28	106.66	2



Test Report No.: W7L-240618W001RF08

LTE B41 5M QPSK(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39675	2498.5	23.46	-1	22.46	176.2	2
40620	2593	23.22	-1	22.22	166.72	2
41565	2687.5	23.14	-1	22.14	163.68	2

LTE B41 5M 16QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39675	2498.5	22.41	-1	21.41	138.36	2
40620	2593	22.32	-1	21.32	135.52	2
41565	2687.5	22.2	-1	21.2	131.83	2

LTE B41 5M 64QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39675	2498.5	21.34	-1	20.34	108.14	2
40620	2593	21.22	-1	20.22	105.2	2
41565	2687.5	21.13	-1	20.13	103.04	2

LTE B41 10M QPSK(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39700	2501	23.37	-1	22.37	172.58	2
40620	2593	23.22	-1	22.22	166.72	2
41540	2685	23.13	-1	22.13	163.31	2

LTE B41 10M 16QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39700	2501	22.39	-1	21.39	137.72	2
40620	2593	22.39	-1	21.39	137.72	2
41540	2685	22.13	-1	21.13	129.72	2



Test Report No.: W7L-240618W001RF08

LTE B41 10M 64QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39700	2501	21.32	-1	20.32	107.65	2
40620	2593	21.25	-1	20.25	105.93	2
41540	2685	21.14	-1	20.14	103.28	2

LTE B41 15M QPSK(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39725	2503.5	23.44	-1	22.44	175.39	2
40620	2593	23.26	-1	22.26	168.27	2
41515	2682.5	23.18	-1	22.18	165.2	2

LTE B41 15M 16QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39725	2503.5	22.43	-1	21.43	139	2
40620	2593	22.36	-1	21.36	136.77	2
41515	2682.5	22.17	-1	21.17	130.92	2

LTE B41 15M 64QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39725	2503.5	21.29	-1	20.29	106.91	2
40620	2593	21.23	-1	20.23	105.44	2
41515	2682.5	21.08	-1	20.08	101.86	2

LTE B41 20M QPSK(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39750	2506	23.49	-1	22.49	177.42	2
40620	2593	23.35	-1	22.35	171.79	2
41490	2680	23.23	-1	22.23	167.11	2

LTE B41 20M 16QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39750	2506	22.51	-1	21.51	141.58	2
40620	2593	22.46	-1	21.46	139.96	2
41490	2680	22.24	-1	21.24	133.05	2

LTE B41 20M 64QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39750	2506	21.37	-1	20.37	108.89	2
40620	2593	21.31	-1	20.31	107.4	2
41490	2680	21.19	-1	20.19	104.47	2



Test Report No.: W7L-240618W001RF08

LTE B66 1.4M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
131979	1710.7	23.51	0.3	23.81	240.44	1
132322	1745	23.5	0.3	23.8	239.88	1
132665	1779.3	23.4	0.3	23.7	234.42	1

LTE B66 1.4M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
131979	1710.7	22.77	0.3	23.07	202.77	1
132322	1745	22.81	0.3	23.11	204.64	1
132665	1779.3	22.71	0.3	23.01	199.99	1

LTE B66 1.4M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
131979	1710.7	21.79	0.3	22.09	161.81	1
132322	1745	21.67	0.3	21.97	157.4	1
132665	1779.3	21.59	0.3	21.89	154.53	1

LTE B66 3M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
131987	1711.5	23.59	0.3	23.89	244.91	1
132322	1745	23.56	0.3	23.86	243.22	1
132657	1778.5	23.4	0.3	23.7	234.42	1

LTE B66 3M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
131987	1711.5	22.78	0.3	23.08	203.24	1
132322	1745	22.83	0.3	23.13	205.59	1
132657	1778.5	22.65	0.3	22.95	197.24	1

LTE B66 3M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
131987	1711.5	21.7	0.3	22	158.49	1
132322	1745	21.68	0.3	21.98	157.76	1
132657	1778.5	21.57	0.3	21.87	153.82	1

LTE B66 5M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
131997	1712.5	23.5	0.3	23.8	239.88	1
132322	1745	23.57	0.3	23.87	243.78	1
132647	1777.5	23.34	0.3	23.64	231.21	1

LTE B66 5M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
131997	1712.5	22.75	0.3	23.05	201.84	1
132322	1745	22.88	0.3	23.18	207.97	1
132647	1777.5	22.64	0.3	22.94	196.79	1

LTE B66 5M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
131997	1712.5	21.73	0.3	22.03	159.59	1
132322	1745	21.63	0.3	21.93	155.96	1
132647	1777.5	21.64	0.3	21.94	156.31	1

LTE B66 10M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
132022	1715	23.53	0.3	23.83	241.55	1
132322	1745	23.45	0.3	23.75	237.14	1
132622	1775	23.41	0.3	23.71	234.96	1

LTE B66 10M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
132022	1715	22.72	0.3	23.02	200.45	1
132322	1745	22.78	0.3	23.08	203.24	1
132622	1775	22.65	0.3	22.95	197.24	1

LTE B66 10M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
132022	1715	21.67	0.3	21.97	157.4	1
132322	1745	21.68	0.3	21.98	157.76	1
132622	1775	21.65	0.3	21.95	156.68	1

LTE B66 15M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
132047	1717.5	23.6	0.3	23.9	245.47	1
132322	1745	23.5	0.3	23.8	239.88	1
132597	1772.5	23.34	0.3	23.64	231.21	1

LTE B66 15M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
132047	1717.5	22.85	0.3	23.15	206.54	1
132322	1745	22.91	0.3	23.21	209.41	1
132597	1772.5	22.61	0.3	22.91	195.43	1

LTE B66 15M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
132047	1717.5	21.74	0.3	22.04	159.96	1
132322	1745	21.68	0.3	21.98	157.76	1
132597	1772.5	21.67	0.3	21.97	157.4	1



Test Report No.: W7L-240618W001RF08

LTE B66 20M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
132072	1720	23.63	0.3	23.93	247.17	1
132322	1745	23.6	0.3	23.9	245.47	1
132572	1770	23.49	0.3	23.79	239.33	1

LTE B66 20M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
132072	1720	22.87	0.3	23.17	207.49	1
132322	1745	22.92	0.3	23.22	209.89	1
132572	1770	22.72	0.3	23.02	200.45	1

LTE B66 20M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
132072	1720	21.8	0.3	22.1	162.18	1
132322	1745	21.7	0.3	22	158.49	1
132572	1770	21.68	0.3	21.98	157.76	1



Test Report No.: W7L-240618W001RF08

Ant 1(DOWN):

LTE B4 1.4M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19957	1710.7	24.3	1.3	25.6	363.08	1
20175	1732.5	24.35	1.3	25.65	367.28	1
20393	1754.3	24.18	1.3	25.48	353.18	1

LTE B4 1.4M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19957	1710.7	23.4	1.3	24.7	295.12	1
20175	1732.5	23.5	1.3	24.8	302	1
20393	1754.3	23.47	1.3	24.77	299.92	1

LTE B4 1.4M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19957	1710.7	22.42	1.3	23.72	235.5	1
20175	1732.5	22.53	1.3	23.83	241.55	1
20393	1754.3	22.47	1.3	23.77	238.23	1

LTE B4 3M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19965	1711.5	24.28	1.3	25.58	361.41	1
20175	1732.5	24.32	1.3	25.62	364.75	1
20385	1753.5	24.2	1.3	25.5	354.81	1

LTE B4 3M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19965	1711.5	23.43	1.3	24.73	297.17	1
20175	1732.5	23.43	1.3	24.73	297.17	1
20385	1753.5	23.38	1.3	24.68	293.76	1

LTE B4 3M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19965	1711.5	22.42	1.3	23.72	235.5	1
20175	1732.5	22.53	1.3	23.83	241.55	1
20385	1753.5	22.48	1.3	23.78	238.78	1

LTE B4 5M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19975	1712.5	24.21	1.3	25.51	355.63	1
20175	1732.5	24.33	1.3	25.63	365.59	1
20375	1752.5	24.24	1.3	25.54	358.1	1

LTE B4 5M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19975	1712.5	23.45	1.3	24.75	298.54	1
20175	1732.5	23.56	1.3	24.86	306.2	1
20375	1752.5	23.53	1.3	24.83	304.09	1

LTE B4 5M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
19975	1712.5	22.35	1.3	23.65	231.74	1
20175	1732.5	22.39	1.3	23.69	233.88	1
20375	1752.5	22.49	1.3	23.79	239.33	1

LTE B4 10M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20000	1715	24.29	1.3	25.59	362.24	1
20175	1732.5	24.25	1.3	25.55	358.92	1
20350	1750	24.16	1.3	25.46	351.56	1

LTE B4 10M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20000	1715	23.41	1.3	24.71	295.8	1
20175	1732.5	23.52	1.3	24.82	303.39	1
20350	1750	23.6	1.3	24.9	309.03	1

LTE B4 10M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20000	1715	22.31	1.3	23.61	229.61	1
20175	1732.5	22.52	1.3	23.82	240.99	1
20350	1750	22.4	1.3	23.7	234.42	1

LTE B4 15M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20025	1717.5	24.21	1.3	25.51	355.63	1
20175	1732.5	24.24	1.3	25.54	358.1	1
20325	1747.5	24.13	1.3	25.43	349.14	1

LTE B4 15M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20025	1717.5	23.36	1.3	24.66	292.42	1
20175	1732.5	23.55	1.3	24.85	305.49	1
20325	1747.5	23.51	1.3	24.81	302.69	1

LTE B4 15M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20025	1717.5	22.3	1.3	23.6	229.09	1
20175	1732.5	22.52	1.3	23.82	240.99	1
20325	1747.5	22.38	1.3	23.68	233.35	1

LTE B4 20M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20050	1720	24.27	1.3	25.57	360.58	1
20175	1732.5	24.36	1.3	25.66	368.13	1
20300	1745	24.27	1.3	25.57	360.58	1

LTE B4 20M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20050	1720	23.51	1.3	24.81	302.69	1
20175	1732.5	23.62	1.3	24.92	310.46	1
20300	1745	23.61	1.3	24.91	309.74	1

LTE B4 20M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20050	1720	22.44	1.3	23.74	236.59	1
20175	1732.5	22.54	1.3	23.84	242.1	1
20300	1745	22.51	1.3	23.81	240.44	1



Test Report No.: W7L-240618W001RF08

LTE B38 5M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37775	2572.5	23.8	-0.6	23.2	208.93	2
38000	2595	23.87	-0.6	23.27	212.32	2
38225	2617.5	23.91	-0.6	23.31	214.29	2

LTE B38 5M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37775	2572.5	22.87	-0.6	22.27	168.66	2
38000	2595	22.91	-0.6	22.31	170.22	2
38225	2617.5	22.95	-0.6	22.35	171.79	2

LTE B38 5M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37775	2572.5	21.89	-0.6	21.29	134.59	2
38000	2595	21.85	-0.6	21.25	133.35	2
38225	2617.5	21.87	-0.6	21.27	133.97	2

LTE B38 10M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37800	2575	23.89	-0.6	23.29	213.3	2
38000	2595	23.84	-0.6	23.24	210.86	2
38200	2615	23.86	-0.6	23.26	211.84	2

LTE B38 10M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37800	2575	22.91	-0.6	22.31	170.22	2
38000	2595	22.92	-0.6	22.32	170.61	2
38200	2615	22.88	-0.6	22.28	169.04	2

LTE B38 10M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37800	2575	21.85	-0.6	21.25	133.35	2
38000	2595	21.88	-0.6	21.28	134.28	2
38200	2615	21.83	-0.6	21.23	132.74	2

LTE B38 15M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37825	2577.5	23.85	-0.6	23.25	211.35	2
38000	2595	23.9	-0.6	23.3	213.8	2
38175	2612.5	23.9	-0.6	23.3	213.8	2

LTE B38 15M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37825	2577.5	22.92	-0.6	22.32	170.61	2
38000	2595	22.84	-0.6	22.24	167.49	2
38175	2612.5	22.95	-0.6	22.35	171.79	2

LTE B38 15M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37825	2577.5	21.92	-0.6	21.32	135.52	2
38000	2595	21.86	-0.6	21.26	133.66	2
38175	2612.5	21.88	-0.6	21.28	134.28	2

LTE B38 20M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37850	2580	23.92	-0.6	23.32	214.78	2
38000	2595	23.99	-0.6	23.39	218.27	2
38150	2610	23.92	-0.6	23.32	214.78	2



Test Report No.: W7L-240618W001RF08

LTE B38 20M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37850	2580	22.96	-0.6	22.36	172.19	2
38000	2595	22.97	-0.6	22.37	172.58	2
38150	2610	23.03	-0.6	22.43	174.98	2

LTE B38 20M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
37850	2580	21.98	-0.6	21.38	137.4	2
38000	2595	21.89	-0.6	21.29	134.59	2
38150	2610	21.96	-0.6	21.36	136.77	2

LTE B41 5M QPSK(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39675	2498.5	23.95	-0.6	23.35	216.27	2
40620	2593	23.84	-0.6	23.24	210.86	2
41565	2687.5	23.7	-0.6	23.1	204.17	2

LTE B41 5M 16QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39675	2498.5	23.04	-0.6	22.44	175.39	2
40620	2593	22.86	-0.6	22.26	168.27	2
41565	2687.5	22.81	-0.6	22.21	166.34	2

LTE B41 5M 64QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39675	2498.5	21.92	-0.6	21.32	135.52	2
40620	2593	21.68	-0.6	21.08	128.23	2
41565	2687.5	21.8	-0.6	21.2	131.83	2

LTE B41 10M QPSK(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39700	2501	23.97	-0.6	23.37	217.27	2
40620	2593	23.78	-0.6	23.18	207.97	2
41540	2685	23.65	-0.6	23.05	201.84	2

LTE B41 10M 16QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39700	2501	23.04	-0.6	22.44	175.39	2
40620	2593	22.85	-0.6	22.25	167.88	2
41540	2685	22.77	-0.6	22.17	164.82	2



Test Report No.: W7L-240618W001RF08

LTE B41 10M 64QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39700	2501	21.85	-0.6	21.25	133.35	2
40620	2593	21.71	-0.6	21.11	129.12	2
41540	2685	21.8	-0.6	21.2	131.83	2

LTE B41 15M QPSK(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39725	2503.5	24	-0.6	23.4	218.78	2
40620	2593	23.86	-0.6	23.26	211.84	2
41515	2682.5	23.63	-0.6	23.03	200.91	2

LTE B41 15M 16QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39725	2503.5	23.06	-0.6	22.46	176.2	2
40620	2593	22.97	-0.6	22.37	172.58	2
41515	2682.5	22.81	-0.6	22.21	166.34	2

LTE B41 15M 64QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39725	2503.5	21.83	-0.6	21.23	132.74	2
40620	2593	21.74	-0.6	21.14	130.02	2
41515	2682.5	21.75	-0.6	21.15	130.32	2

LTE B41 20M QPSK(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39750	2506	24.02	-0.6	23.42	219.79	2
40620	2593	23.9	-0.6	23.3	213.8	2
41490	2680	23.78	-0.6	23.18	207.97	2



Test Report No.: W7L-240618W001RF08

LTE B41 20M 16QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39750	2506	23.11	-0.6	22.51	178.24	2
40620	2593	22.98	-0.6	22.38	172.98	2
41490	2680	22.83	-0.6	22.23	167.11	2

LTE B41 20M 64QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39750	2506	21.98	-0.6	21.38	137.4	2
40620	2593	21.76	-0.6	21.16	130.62	2
41490	2680	21.85	-0.6	21.25	133.35	2

LTE B66 1.4M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
131979	1710.7	24.38	1.3	25.68	369.83	1
132322	1745	24.37	1.3	25.67	368.98	1
132665	1779.3	24.35	1.3	25.65	367.28	1

LTE B66 1.4M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
131979	1710.7	23.63	1.3	24.93	311.17	1
132322	1745	23.56	1.3	24.86	306.2	1
132665	1779.3	23.53	1.3	24.83	304.09	1

LTE B66 1.4M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
131979	1710.7	22.56	1.3	23.86	243.22	1
132322	1745	22.54	1.3	23.84	242.1	1
132665	1779.3	22.45	1.3	23.75	237.14	1

LTE B66 3M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
131987	1711.5	24.44	1.3	25.74	374.97	1
132322	1745	24.39	1.3	25.69	370.68	1
132657	1778.5	24.39	1.3	25.69	370.68	1

LTE B66 3M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
131987	1711.5	23.73	1.3	25.03	318.42	1
132322	1745	23.63	1.3	24.93	311.17	1
132657	1778.5	23.63	1.3	24.93	311.17	1



Test Report No.: W7L-240618W001RF08

LTE B66 3M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
131987	1711.5	22.49	1.3	23.79	239.33	1
132322	1745	22.58	1.3	23.88	244.34	1
132657	1778.5	22.46	1.3	23.76	237.68	1

LTE B66 5M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
131997	1712.5	24.33	1.3	25.63	365.59	1
132322	1745	24.42	1.3	25.72	373.25	1
132647	1777.5	24.34	1.3	25.64	366.44	1

LTE B66 5M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
131997	1712.5	23.64	1.3	24.94	311.89	1
132322	1745	23.6	1.3	24.9	309.03	1
132647	1777.5	23.55	1.3	24.85	305.49	1

LTE B66 5M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
131997	1712.5	22.47	1.3	23.77	238.23	1
132322	1745	22.6	1.3	23.9	245.47	1
132647	1777.5	22.48	1.3	23.78	238.78	1

LTE B66 10M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
132022	1715	24.37	1.3	25.67	368.98	1
132322	1745	24.48	1.3	25.78	378.44	1
132622	1775	24.36	1.3	25.66	368.13	1

LTE B66 10M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
132022	1715	23.68	1.3	24.98	314.77	1
132322	1745	23.6	1.3	24.9	309.03	1
132622	1775	23.6	1.3	24.9	309.03	1

LTE B66 10M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
132022	1715	22.52	1.3	23.82	240.99	1
132322	1745	22.58	1.3	23.88	244.34	1
132622	1775	22.4	1.3	23.7	234.42	1

LTE B66 15M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
132047	1717.5	24.45	1.3	25.75	375.84	1
132322	1745	24.4	1.3	25.7	371.54	1
132597	1772.5	24.35	1.3	25.65	367.28	1

LTE B66 15M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
132047	1717.5	23.67	1.3	24.97	314.05	1
132322	1745	23.65	1.3	24.95	312.61	1
132597	1772.5	23.56	1.3	24.86	306.2	1

LTE B66 15M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
132047	1717.5	22.54	1.3	23.84	242.1	1
132322	1745	22.67	1.3	23.97	249.46	1
132597	1772.5	22.44	1.3	23.74	236.59	1



Test Report No.: W7L-240618W001RF08

LTE B66 20M QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
132072	1720	24.46	1.3	25.76	376.7	1
132322	1745	24.51	1.3	25.81	381.07	1
132572	1770	24.42	1.3	25.72	373.25	1

LTE B66 20M 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
132072	1720	23.75	1.3	25.05	319.89	1
132322	1745	23.67	1.3	24.97	314.05	1
132572	1770	23.65	1.3	24.95	312.61	1

LTE B66 20M 64QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
132072	1720	22.58	1.3	23.88	244.34	1
132322	1745	22.69	1.3	23.99	250.61	1
132572	1770	22.5	1.3	23.8	239.88	1



BUREAU
VERITAS

Test Report No.: W7L-240618W001RF08

Ant 2(UP):

LTE B42 5M QPSK Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42115	3452.5	20.99	-2	18.99	79.25	1
42590	3500	20.92	-2	18.92	77.98	1
43065	3457.5	20.85	-2	18.85	76.74	1

LTE B42 5M 16QAM Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42115	3452.5	20.24	-2	18.24	66.68	1
42590	3500	19.93	-2	17.93	62.09	1
43065	3457.5	20.05	-2	18.05	63.83	1

LTE B42 5M 64QAM Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42115	3452.5	18.77	-2	16.77	47.53	1
42590	3500	18.55	-2	16.55	45.19	1
43065	3457.5	18.56	-2	16.56	45.29	1

LTE B42 10M QPSK Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42140	3455	20.99	-2	18.99	79.25	1
42590	3500	20.85	-2	18.85	76.74	1
43040	3545	20.93	-2	18.93	78.16	1

LTE B42 10M 16QAM Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42140	3455	20.24	-2	18.24	66.68	1
42590	3500	19.96	-2	17.96	62.52	1
43040	3545	19.98	-2	17.98	62.81	1



BUREAU
VERITAS

Test Report No.: W7L-240618W001RF08

LTE B42 10M 64QAM Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42140	3455	18.71	-2	16.71	46.88	1
42590	3500	18.61	-2	16.61	45.81	1
43040	3545	18.56	-2	16.56	45.29	1

LTE B42 15M QPSK Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42165	3457.5	21.04	-2	19.04	80.17	1
42590	3500	20.95	-2	18.95	78.52	1
43015	3542.5	20.88	-2	18.88	77.27	1

LTE B42 15M 16QAM Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42165	3457.5	20.19	-2	18.19	65.92	1
42590	3500	19.95	-2	17.95	62.37	1
43015	3542.5	20.01	-2	18.01	63.24	1

LTE B42 15M 64QAM Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42165	3457.5	18.66	-2	16.66	46.34	1
42590	3500	18.57	-2	16.57	45.39	1
43015	3542.5	18.51	-2	16.51	44.77	1

LTE B42 20M QPSK Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42190	3460	21.11	-2	19.11	81.47	1
42590	3500	21	-2	19	79.43	1
42990	3540	20.97	-2	18.97	78.89	1



BUREAU
VERITAS

Test Report No.: W7L-240618W001RF08

LTE B42 20M 16QAM Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42190	3460	20.25	-2	18.25	66.83	1
42590	3500	20.04	-2	18.04	63.68	1
42990	3540	20.06	-2	18.06	63.97	1

LTE B42 20M 64QAM Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42190	3460	18.8	-2	16.8	47.86	1
42590	3500	18.63	-2	16.63	46.03	1
42990	3540	18.63	-2	16.63	46.03	1



BUREAU
VERITAS

Test Report No.: W7L-240618W001RF08

Ant 3(UP):

LTE B41 5M QPSK(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39675	2498.5	20.21	-2.2	18.01	63.24	2
40620	2593	20.12	-2.2	17.92	61.94	2
41565	2687.5	20.2	-2.2	18	63.1	2

LTE B41 5M 16QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39675	2498.5	19.37	-2.2	17.17	52.12	2
40620	2593	19.25	-2.2	17.05	50.7	2
41565	2687.5	19.24	-2.2	17.04	50.58	2

LTE B41 5M 64QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39675	2498.5	18.3	-2.2	16.1	40.74	2
40620	2593	18.38	-2.2	16.18	41.5	2
41565	2687.5	18.38	-2.2	16.18	41.5	2

LTE B41 10M QPSK(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39700	2501	20.22	-2.2	18.02	63.39	2
40620	2593	20.1	-2.2	17.9	61.66	2
41540	2685	20.27	-2.2	18.07	64.12	2

LTE B41 10M 16QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39700	2501	19.33	-2.2	17.13	51.64	2
40620	2593	19.31	-2.2	17.11	51.4	2
41540	2685	19.22	-2.2	17.02	50.35	2

LTE B41 10M 64QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39700	2501	18.33	-2.2	16.13	41.02	2
40620	2593	18.37	-2.2	16.17	41.4	2
41540	2685	18.43	-2.2	16.23	41.98	2

LTE B41 15M QPSK(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39725	2503.5	20.16	-2.2	17.96	62.52	2
40620	2593	20.13	-2.2	17.93	62.09	2
41515	2682.5	20.22	-2.2	18.02	63.39	2

LTE B41 15M 16QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39725	2503.5	19.39	-2.2	17.19	52.36	2
40620	2593	19.31	-2.2	17.11	51.4	2
41515	2682.5	19.22	-2.2	17.02	50.35	2

LTE B41 15M 64QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39725	2503.5	18.3	-2.2	16.1	40.74	2
40620	2593	18.33	-2.2	16.13	41.02	2
41515	2682.5	18.33	-2.2	16.13	41.02	2

LTE B41 20M QPSK(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39750	2506	20.31	-2.2	18.11	64.71	2
40620	2593	20.17	-2.2	17.97	62.66	2
41490	2680	20.29	-2.2	18.09	64.42	2



Test Report No.: W7L-240618W001RF08

LTE B41 20M 16QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39750	2506	19.41	-2.2	17.21	52.6	2
40620	2593	19.4	-2.2	17.2	52.48	2
41490	2680	19.29	-2.2	17.09	51.17	2

LTE B41 20M 64QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39750	2506	18.38	-2.2	16.18	41.5	2
40620	2593	18.4	-2.2	16.2	41.69	2
41490	2680	18.48	-2.2	16.28	42.46	2



Test Report No.: W7L-240618W001RF08

LTE B42 5M QPSK Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42115	3452.5	18.3	-2.1	16.2	41.69	1
42590	3500	18.2	-2.1	16.1	40.74	1
43065	3457.5	18.41	-2.1	16.31	42.76	1

LTE B42 5M 16QAM Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42115	3452.5	17.36	-2.1	15.26	33.57	1
42590	3500	17.35	-2.1	15.25	33.5	1
43065	3457.5	17.44	-2.1	15.34	34.2	1

LTE B42 5M 64QAM Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42115	3452.5	16.17	-2.1	14.07	25.53	1
42590	3500	16.17	-2.1	14.07	25.53	1
43065	3457.5	16.25	-2.1	14.15	26	1

LTE B42 10M QPSK Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42140	3455	18.36	-2.1	16.26	42.27	1
42590	3500	18.18	-2.1	16.08	40.55	1
43040	3545	18.47	-2.1	16.37	43.35	1

LTE B42 10M 16QAM Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42140	3455	17.37	-2.1	15.27	33.65	1
42590	3500	17.39	-2.1	15.29	33.81	1
43040	3545	17.46	-2.1	15.36	34.36	1



BUREAU
VERITAS

Test Report No.: W7L-240618W001RF08

LTE B42 10M 64QAM Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42140	3455	16.19	-2.1	14.09	25.64	1
42590	3500	16.24	-2.1	14.14	25.94	1
43040	3545	16.2	-2.1	14.1	25.7	1

LTE B42 15M QPSK Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42165	3457.5	18.29	-2.1	16.19	41.59	1
42590	3500	18.17	-2.1	16.07	40.46	1
43015	3542.5	18.44	-2.1	16.34	43.05	1

LTE B42 15M 16QAM Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42165	3457.5	17.27	-2.1	15.17	32.89	1
42590	3500	17.28	-2.1	15.18	32.96	1
43015	3542.5	17.42	-2.1	15.32	34.04	1

LTE B42 15M 64QAM Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42165	3457.5	16.19	-2.1	14.09	25.64	1
42590	3500	16.29	-2.1	14.19	26.24	1
43015	3542.5	16.18	-2.1	14.08	25.59	1

LTE B42 20M QPSK Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42190	3460	18.38	-2.1	16.28	42.46	1
42590	3500	18.24	-2.1	16.14	41.11	1
42990	3540	18.55	-2.1	16.45	44.16	1



**BUREAU
VERITAS**

Test Report No.: W7L-240618W001RF08

LTE B42 20M 16QAM Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42190	3460	17.38	-2.1	15.28	33.73	1
42590	3500	17.41	-2.1	15.31	33.96	1
42990	3540	17.47	-2.1	15.37	34.43	1

LTE B42 20M 64QAM Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42190	3460	16.24	-2.1	14.14	25.94	1
42590	3500	16.31	-2.1	14.21	26.36	1
42990	3540	16.3	-2.1	14.2	26.3	1



BUREAU
VERITAS

Test Report No.: W7L-240618W001RF08

Ant 5(UP):

LTE B42 5M QPSK Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42115	3452.5	22.32	1.5	23.82	240.99	1
42590	3500	22.3	1.5	23.8	239.88	1
43065	3457.5	22.37	1.5	23.87	243.78	1

LTE B42 5M 16QAM Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42115	3452.5	21.47	1.5	22.97	198.15	1
42590	3500	21.38	1.5	22.88	194.09	1
43065	3457.5	21.47	1.5	22.97	198.15	1

LTE B42 5M 64QAM Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42115	3452.5	20.36	1.5	21.86	153.46	1
42590	3500	20.3	1.5	21.8	151.36	1
43065	3457.5	20.31	1.5	21.81	151.71	1

LTE B42 10M QPSK Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42140	3455	22.37	1.5	23.87	243.78	1
42590	3500	22.33	1.5	23.83	241.55	1
43040	3545	22.35	1.5	23.85	242.66	1

LTE B42 10M 16QAM Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42140	3455	21.45	1.5	22.95	197.24	1
42590	3500	21.39	1.5	22.89	194.54	1
43040	3545	21.53	1.5	23.03	200.91	1



BUREAU
VERITAS

Test Report No.: W7L-240618W001RF08

LTE B42 10M 64QAM Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42140	3455	20.27	1.5	21.77	150.31	1
42590	3500	20.34	1.5	21.84	152.76	1
43040	3545	20.26	1.5	21.76	149.97	1

LTE B42 15M QPSK Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42165	3457.5	22.35	1.5	23.85	242.66	1
42590	3500	22.3	1.5	23.8	239.88	1
43015	3542.5	22.41	1.5	23.91	246.04	1

LTE B42 15M 16QAM Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42165	3457.5	21.44	1.5	22.94	196.79	1
42590	3500	21.39	1.5	22.89	194.54	1
43015	3542.5	21.45	1.5	22.95	197.24	1

LTE B42 15M 64QAM Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42165	3457.5	20.28	1.5	21.78	150.66	1
42590	3500	20.28	1.5	21.78	150.66	1
43015	3542.5	20.33	1.5	21.83	152.41	1

LTE B42 20M QPSK Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42190	3460	22.42	1.5	23.92	246.6	1
42590	3500	22.34	1.5	23.84	242.1	1
42990	3540	22.47	1.5	23.97	249.46	1



**BUREAU
VERITAS**

Test Report No.: W7L-240618W001RF08

LTE B42 20M 16QAM Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42190	3460	21.48	1.5	22.98	198.61	1
42590	3500	21.4	1.5	22.9	194.98	1
42990	3540	21.6	1.5	23.1	204.17	1

LTE B42 20M 64QAM Part27Q						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
42190	3460	20.41	1.5	21.91	155.24	1
42590	3500	20.42	1.5	21.92	155.6	1
42990	3540	20.41	1.5	21.91	155.24	1



Test Report No.: W7L-240618W001RF08

Ant 7(UP):

LTE B41 5M QPSK(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39675	2498.5	19.27	-2.7	16.57	45.39	2
40620	2593	19.26	-2.7	16.56	45.29	2
41565	2687.5	19.28	-2.7	16.58	45.5	2

LTE B41 5M 16QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39675	2498.5	18.35	-2.7	15.65	36.73	2
40620	2593	18.38	-2.7	15.68	36.98	2
41565	2687.5	18.27	-2.7	15.57	36.06	2

LTE B41 5M 64QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39675	2498.5	17.35	-2.7	14.65	29.17	2
40620	2593	17.35	-2.7	14.65	29.17	2
41565	2687.5	17.49	-2.7	14.79	30.13	2

LTE B41 10M QPSK(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39700	2501	19.36	-2.7	16.66	46.34	2
40620	2593	19.18	-2.7	16.48	44.46	2
41540	2685	19.21	-2.7	16.51	44.77	2

LTE B41 10M 16QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39700	2501	18.35	-2.7	15.65	36.73	2
40620	2593	18.39	-2.7	15.69	37.07	2
41540	2685	18.25	-2.7	15.55	35.89	2

LTE B41 10M 64QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39700	2501	17.33	-2.7	14.63	29.04	2
40620	2593	17.43	-2.7	14.73	29.72	2
41540	2685	17.52	-2.7	14.82	30.34	2

LTE B41 15M QPSK(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39725	2503.5	19.32	-2.7	16.62	45.92	2
40620	2593	19.24	-2.7	16.54	45.08	2
41515	2682.5	19.33	-2.7	16.63	46.03	2

LTE B41 15M 16QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39725	2503.5	18.35	-2.7	15.65	36.73	2
40620	2593	18.37	-2.7	15.67	36.9	2
41515	2682.5	18.16	-2.7	15.46	35.16	2

LTE B41 15M 64QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39725	2503.5	17.28	-2.7	14.58	28.71	2
40620	2593	17.42	-2.7	14.72	29.65	2
41515	2682.5	17.41	-2.7	14.71	29.58	2

LTE B41 20M QPSK(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39750	2506	19.41	-2.7	16.71	46.88	2
40620	2593	19.28	-2.7	16.58	45.5	2
41490	2680	19.35	-2.7	16.65	46.24	2



Test Report No.: W7L-240618W001RF08

LTE B41 20M 16QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39750	2506	18.4	-2.7	15.7	37.15	2
40620	2593	18.42	-2.7	15.72	37.33	2
41490	2680	18.29	-2.7	15.59	36.22	2

LTE B41 20M 64QAM(2.6G Band)						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
39750	2506	17.37	-2.7	14.67	29.31	2
40620	2593	17.5	-2.7	14.8	30.2	2
41490	2680	17.53	-2.7	14.83	30.41	2