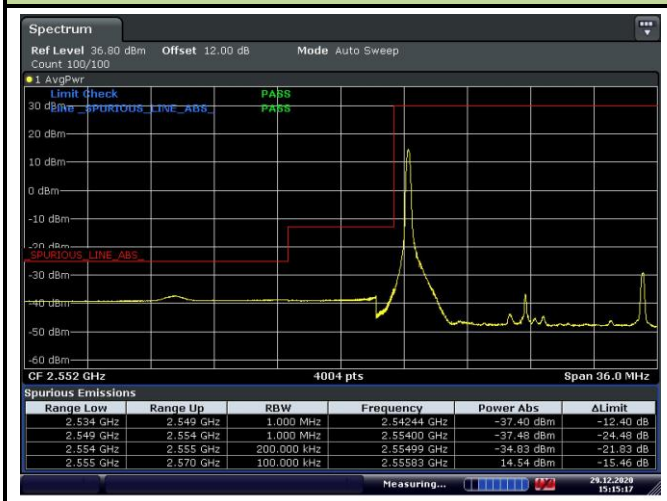
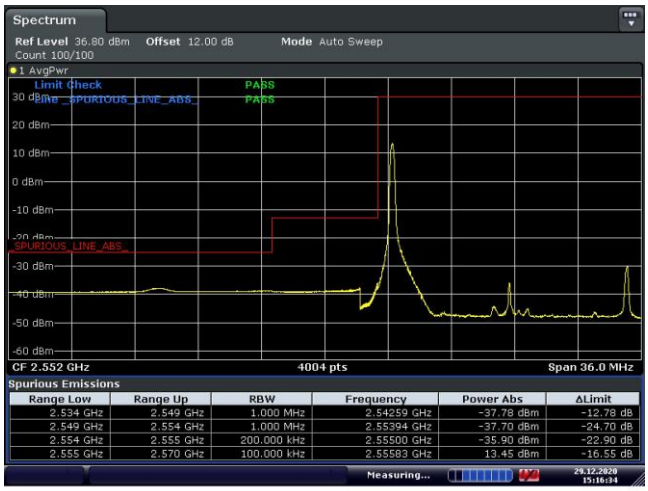
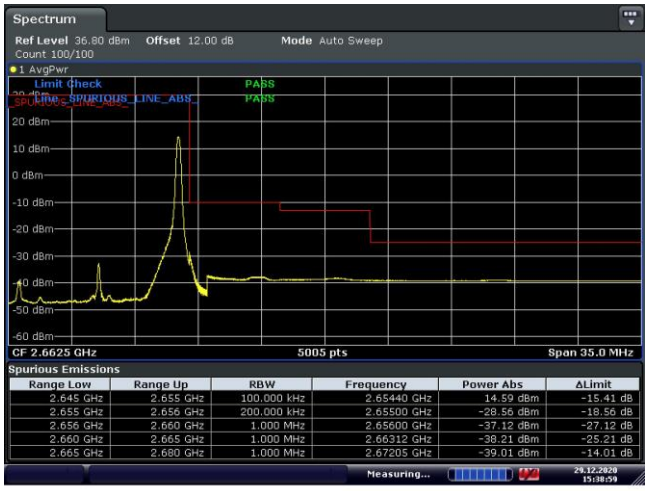
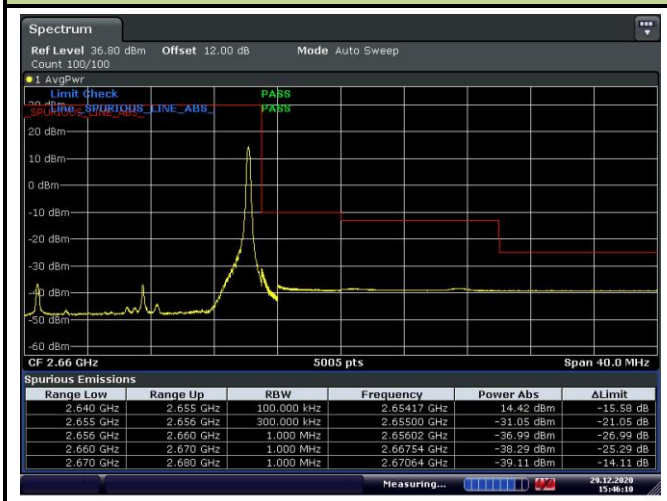
LTE Band 41 QPSK 5MHz CH40265 1RB#0	LTE Band 41 QPSK 5MHz CH40265 25RB#0
 Date: 29.DEC.2020 15:02:39	 Date: 29.DEC.2020 15:05:08
LTE Band 41 QPSK 10MHz CH40290 1RB#0	**LTE Band 41 QPSK 10MHz CH40290 50RB#0**
 Date: 29.DEC.2020 15:08:16	 Date: 29.DEC.2020 15:11:05
LTE Band 41 QPSK 15MHz CH40315 1RB#0	**LTE Band 41 QPSK 15MHz CH40315 75RB#0**
 Date: 29.DEC.2020 15:15:18	 Date: 29.DEC.2020 15:17:49

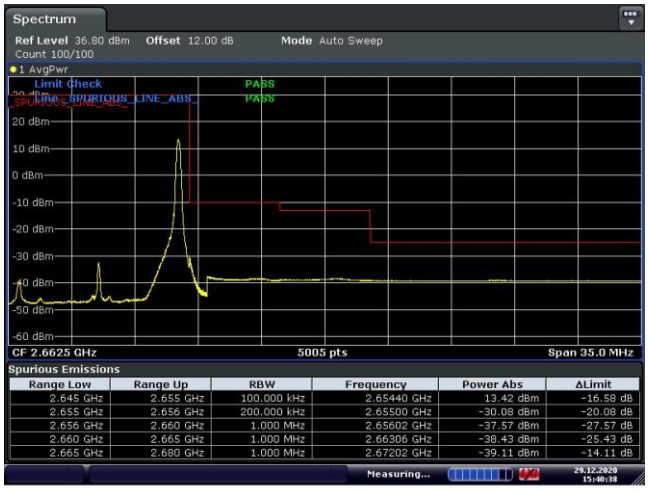
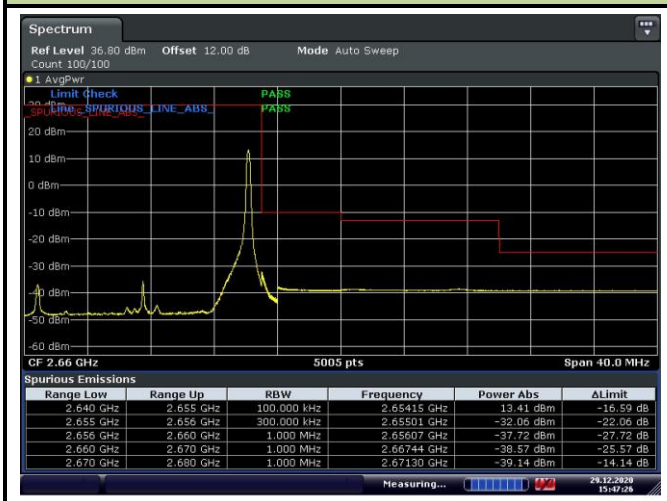
LTE Band 41 QPSK 20MHz CH40340 1RB#0	LTE Band 41 QPSK 20MHz CH40340 100RB#0
	

LTE Band 41 16QAM 5MHz CH40265 1RB#0	LTE Band 41 16QAM 5MHz CH40265 25RB#0
	
Date: 29.DEC.2020 15:03:57	Date: 29.DEC.2020 15:06:11
LTE Band 41 16QAM 10MHz CH40290 1RB#0	**LTE Band 41 16QAM 10MHz CH40290 50RB#0**
	
Date: 29.DEC.2020 15:09:30	Date: 29.DEC.2020 15:12:34
LTE Band 41 16QAM 15MHz CH40315 1RB#0	**LTE Band 41 16QAM 15MHz CH40315 75RB#0**
	
Date: 29.DEC.2020 15:16:35	Date: 29.DEC.2020 15:18:47

LTE Band 41 16QAM 20MHz CH40340 1RB#0	LTE Band 41 16QAM 20MHz CH40340 100RB#0
 Date: 29.DEC.2020 15:22:25	 Date: 29.DEC.2020 15:24:41

LTE Band 41 QPSK 5MHz CH41215 1RB#25	LTE Band 41 QPSK 5MHz CH41215 25RB#0
 Date: 29.DEC.2020 15:31:49	 Date: 29.DEC.2020 15:28:24
LTE Band 41 QPSK 10MHz CH41190 1RB#49	**LTE Band 41 QPSK 10MHz CH41190 50RB#0**
 Date: 29.DEC.2020 15:39:00	 Date: 29.DEC.2020 15:35:07
LTE Band 41 QPSK 15MHz CH41165 1RB#74	**LTE Band 41 QPSK 15MHz CH41165 75RB#0**
 Date: 29.DEC.2020 15:46:11	 Date: 29.DEC.2020 15:43:28

LTE Band 41 QPSK 20MHz CH41140 1RB#99	LTE Band 41 QPSK 20MHz CH41140 100RB#0
 Date: 29.DEC.2020 15:52:33	 Date: 29.DEC.2020 15:49:49

LTE Band 41 16QAM 5MHz CH41215 1RB#24	LTE Band 41 16QAM 5MHz CH41215 25RB#0
 Date: 29.DEC.2020 15:33:08	 Date: 29.DEC.2020 15:29:56
LTE Band 41 16QAM 10MHz CH41190 1RB#49	**LTE Band 41 16QAM 10MHz CH41190 50RB#0**
 Date: 29.DEC.2020 15:40:39	 Date: 29.DEC.2020 15:36:36
LTE Band 41 16QAM 15MHz CH41165 1RB#74	**LTE Band 41 16QAM 15MHz CH41165 75RB#0**
 Date: 29.DEC.2020 15:47:27	 Date: 29.DEC.2020 15:44:54

LTE Band 41 16QAM 20MHz CH41140 1RB#99	LTE Band 41 16QAM 20MHz CH41140 100RB#0
	

7.5. Power and Radiated Spurious Emissions

7.5.1 Test Limit

Radiated Power

For FCC Part 22.913(a)(2):

The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.

For FCC Part 24.232(c)/27.50(h):

The EIRP of mobile transmitters and auxiliary test transmitters must not exceed 2 Watts.

For FCC Part 27.50(b):

The ERP of mobile transmitters and auxiliary test transmitters must not exceed 3 Watts.

For FCC Part 27.50(d):

The ERP of mobile transmitters and auxiliary test transmitters must not exceed 1 Watts.

Radiated Spurious Emissions

For FCC Part 22.917(a)/24.238(a)/27.53(c)/27.53(f)/27.53(h):

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10\log_{10}(P)$ dB.

For FCC Part 27.53(m):

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $55 + 10\log_{10}(P)$ dB.

7.5.2 Test Procedure Used

KDB 971168 D01v03r01 - Section 7.0 & ANSI/TIA-603-E-2016

7.5.3 Test Setting

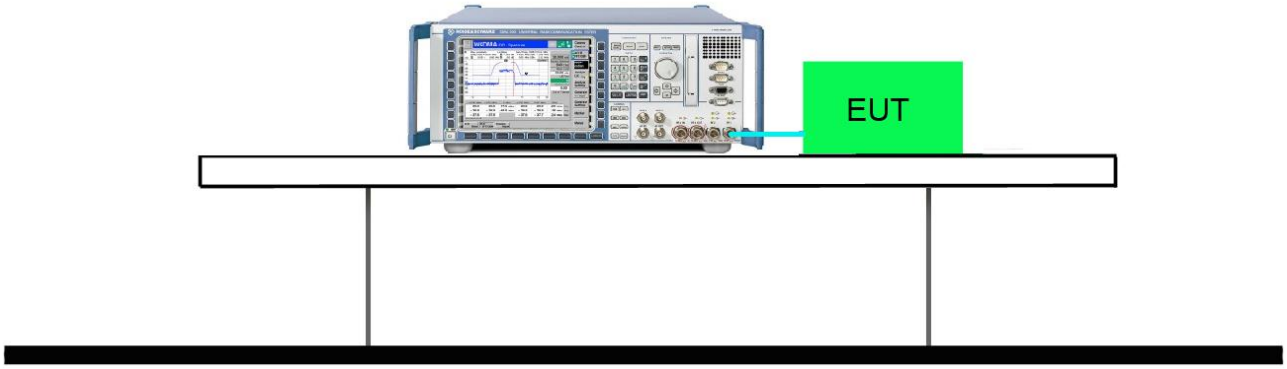
1. The EUT shall be placed at the specified height on a support, and in the position closest to normal use as declared by provider.
2. The test antenna shall be oriented initially for vertical polarization and shall be chosen to correspond to the frequency of the transmitter
3. The output of the test antenna shall be connected to the measuring receiver.
4. The transmitter shall be switched on and the measuring receiver shall be tuned to the frequency of the transmitter under test.
5. The test antenna shall be raised and lowered through the specified range of height until a maximum signal level is detected by the measuring receiver.
6. The transmitter shall then be rotated through 360° in the horizontal plane, until the maximum signal level is detected by the measuring receiver.
7. The test antenna shall be raised and lowered again through the specified range of height until a maximum signal level is detected by the measuring receiver.
8. The maximum signal level detected by the measuring receiver shall be noted.
9. The transmitter shall be replaced by a substitution antenna.
10. The substitution antenna shall be orientated for vertical polarization and the length of the substitution antenna shall be adjusted to correspond to the frequency of the transmitter.
11. The substitution antenna shall be connected to a calibrated signal generator.
12. If necessary, the input attenuator setting of the measuring receiver shall be adjusted in order to increase the sensitivity of the measuring receiver.
13. The test antenna shall be raised and lowered through the specified range of height to ensure that the maximum signal is received.
14. The input signal to the substitution antenna shall be adjusted to the level that produces a level detected by the measuring receiver, that is equal to the level noted while the transmitter

radiated power was measured, corrected for the change of input attenuator setting of the measuring receiver.

15. The measurement shall be repeated with the test antenna and the substitution antenna orientated for horizontal polarization.
16. The measure of the effective radiated power is the larger of the two levels recorded at the input to the substitution antenna, corrected for gain of the substitution antenna if necessary.
17. Test site anechoic chamber refer to ANSI C63.4: 2014.

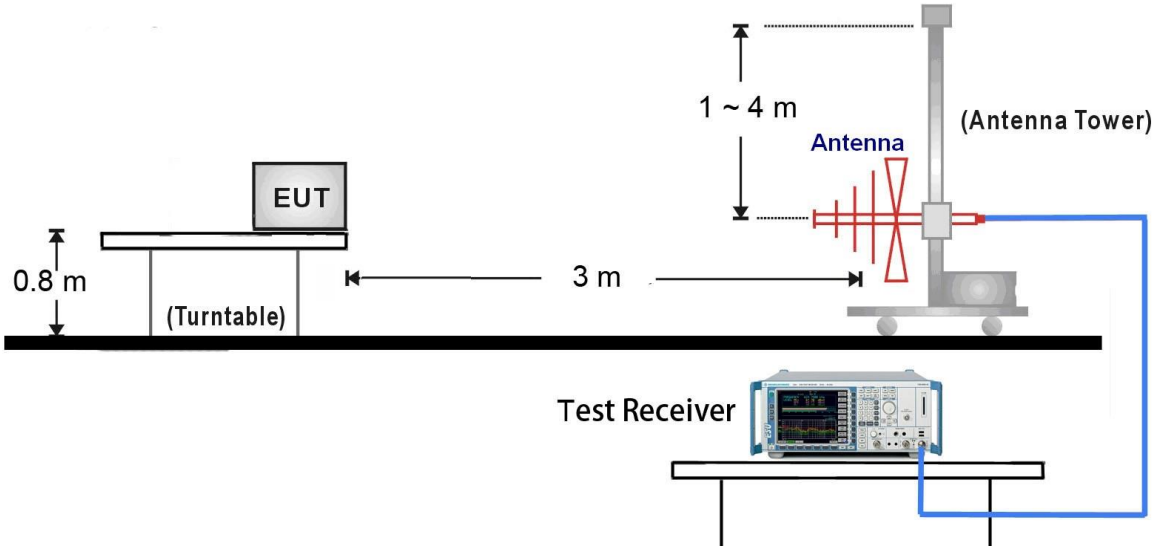
7.5.4 Test Setup

Conducted Power

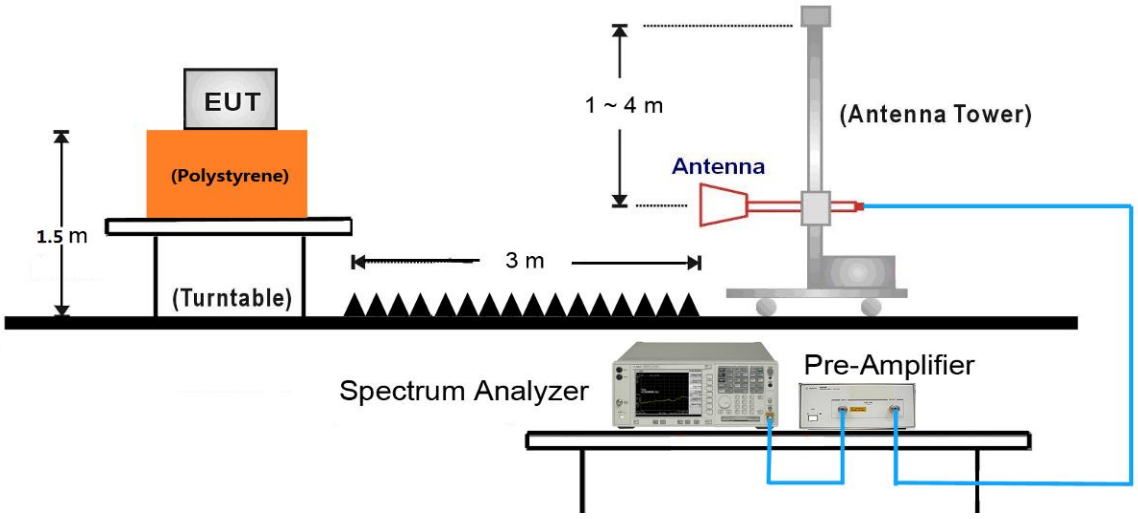


Radiated Power & Radiated Spurious Emissions

30MHz ~ 1GHz Test Setup:



1GHz ~ 10GHz Test Setup:



7.5.5 Test Result

Conducted Power

LTE Band 2		1.4MHz			3MHz			5MHz			10MHz			15MHz			20MHz			MPR
Channel	Modulation	RB No.	RB Offset	Max Power	RB No.	RB Offset	Max Power	RB No.	RB Offset	Max Power	RB No.	RB Offset	Max Power	RB No.	RB Offset	Max Power	RB No.	RB Offset	Max Power	
		18607 (1850.7MHz)			18615 (1851.5MHz)			18625 (1852.5MHz)			18650 (1855MHz)			18675 (1857.5MHz)			18700 (1860MHz)			
Low	QPSK	1	#0	22.36	1	#0	22.35	1	#0	22.38	1	#0	22.79	1	#0	22.59	1	#0	22.57	0
		1	#2	22.36	1	#7	22.12	1	#12	22.02	1	#25	22.51	1	#36	22.42	1	#49	22.32	0
		1	#5	22.35	1	#14	22	1	#24	21.86	1	#49	22.13	1	#74	22.01	1	#99	22.03	0
		3	#0	22.35	8	#0	21.4	12	#0	21.28	25	#0	21.77	36	#0	21.76	50	#0	21.79	0-1
		3	#2	21.98	8	#4	21.38	12	#6	21.29	25	#12	21.75	36	#18	21.75	50	#24	21.76	0-1
		3	#3	21.5	8	#7	21.37	12	#13	21.3	25	#25	21.72	36	#37	21.72	50	#49	21.68	0-1
		6	#0	21.31	15	#0	21.35	25	#0	21.28	50	#0	21.7	75	#0	21.7	100	#0	21.65	0-1
	16QAM	1	#0	20.58	1	#0	21.33	1	#0	21.36	1	#0	21.57	1	#0	21.92	1	#0	21.98	0-1
		1	#2	20.52	1	#7	21.1	1	#12	21.3	1	#25	21.4	1	#36	21.81	1	#49	21.73	0-1
		1	#5	20.3	1	#14	20.98	1	#24	21.28	1	#49	21.02	1	#74	21.7	1	#99	21.51	0-1
		3	#0	20.22	8	#0	20.85	12	#0	21	25	#0	20.98	36	#0	21.32	50	#0	21.1	0-2
		3	#2	20.2	8	#4	20.61	12	#6	20.96	25	#12	20.73	36	#18	21.1	50	#24	20.95	0-2
		3	#3	20.15	8	#7	20.31	12	#13	20.91	25	#25	20.34	36	#37	21.08	50	#49	20.86	0-2
		6	#0	20.03	15	#0	20.11	25	#0	20.36	50	#0	20.12	75	#0	21.03	100	#0	20.4	0-2
		18900 (1880MHz)			18900 (1880MHz)			18900 (1880MHz)			18900 (1880MHz)			18900 (1880MHz)			18900 (1880MHz)			MPR
Mid	QPSK	1	#0	22.74	1	#0	22.72	1	#0	22.76	1	#0	22.78	1	#0	22.51	1	#0	22.5	0
		1	#2	22.7	1	#7	22.56	1	#12	22.31	1	#25	22.53	1	#36	22.3	1	#49	22.31	0
		1	#5	22.75	1	#14	22.31	1	#24	22.12	1	#49	22.1	1	#74	21.93	1	#99	22.15	0
		3	#0	22.79	8	#0	21.76	12	#0	21.67	25	#0	21.77	36	#0	21.68	50	#0	21.55	0-1
		3	#2	22.13	8	#4	21.76	12	#6	21.7	25	#12	21.8	36	#18	21.7	50	#24	21.62	0-1
		3	#3	21.75	8	#7	21.75	12	#13	21.72	25	#25	21.79	36	#37	21.72	50	#49	21.65	0-1
		6	#0	21.74	15	#0	21.75	25	#0	21.73	50	#0	21.82	75	#0	21.81	100	#0	21.7	0-1
	16QAM	1	#0	21.88	1	#0	21.64	1	#0	21.75	1	#0	21.74	1	#0	21.43	1	#0	21.83	0-1
		1	#2	21.7	1	#7	21.6	1	#12	21.53	1	#25	21.68	1	#36	21.22	1	#49	21.7	0-1
		1	#5	21.53	1	#14	21.12	1	#24	21.43	1	#49	21.42	1	#74	21.19	1	#99	21.54	0-1
		3	#0	21.14	8	#0	20.88	12	#0	21.03	25	#0	21.03	36	#0	21.04	50	#0	21.2	0-2
		3	#2	20.86	8	#4	20.72	12	#6	20.99	25	#12	20.98	36	#18	20.93	50	#24	20.97	0-2
		3	#3	20.81	8	#7	20.5	12	#13	20.71	25	#25	20.91	36	#37	20.48	50	#49	20.56	0-2
		6	#0	20.6	15	#0	20.16	25	#0	20.53	50	#0	20.87	75	#0	20.32	100	#0	20.31	0-2

		19193 (1909.3MHz)			19185 (1908.5MHz)			19175 (1907.5MHz)			19150 (1905MHz)			19125 (1902.5MHz)			19100 (1900MHz)			MPR
High	QPSK	1	#0	22.96	1	#0	22.7	1	#0	22.77	1	#0	22.74	1	#0	22.71	1	#0	22.65	0
		1	#2	22.85	1	#7	22.52	1	#12	22.71	1	#25	22.61	1	#36	22.65	1	#49	22.34	0
		1	#5	22.7	1	#14	22.15	1	#24	22.67	1	#49	22.34	1	#74	22.32	1	#99	22.11	0
		3	#0	22.65	8	#0	21.73	12	#0	21.64	25	#0	21.82	36	#0	21.97	50	#0	21.96	0-1
		3	#2	22.31	8	#4	21.72	12	#6	21.65	25	#12	21.81	36	#18	21.96	50	#24	21.9	0-1
		3	#3	22	8	#7	21.71	12	#13	21.63	25	#25	21.8	36	#37	21.92	50	#49	21.87	0-1
		6	#0	21.69	15	#0	21.7	25	#0	21.68	50	#0	21.79	75	#0	21.91	100	#0	21.84	0-1
	16QAM	1	#0	21.9	1	#0	21.56	1	#0	21.71	1	#0	21.68	1	#0	21.68	1	#0	22.15	0-1
		1	#2	21.85	1	#7	21.4	1	#12	21.61	1	#25	21.5	1	#36	21.34	1	#49	22.1	0-1
		1	#5	21.3	1	#14	21.33	1	#24	21.3	1	#49	21.31	1	#74	21.02	1	#99	21.89	0-1
		3	#0	20.86	8	#0	20.88	12	#0	21.1	25	#0	20.97	36	#0	20.91	50	#0	21.3	0-2
		3	#2	20.54	8	#4	20.73	12	#6	20.95	25	#12	20.91	36	#18	20.71	50	#24	21.17	0-2
		3	#3	20.13	8	#7	20.7	12	#13	20.87	25	#25	20.53	36	#37	20.32	50	#49	21.03	0-2
		6	#0	20.01	15	#0	20.2	25	#0	20.44	50	#0	20.02	75	#0	20.12	100	#0	20.91	0-2

LTE Band 4		1.4MHz			3MHz			5MHz			10MHz			15MHz			20MHz			MPR
Channel	Modulation	RB No.	RB Offset	Max Power	RB No.	RB Offset	Max Power	RB No.	RB Offset	Max Power	RB No.	RB Offset	Max Power	RB No.	RB Offset	Max Power	RB No.	RB Offset	Max Power	
		CH19957 (1710.7MHz)			CH19965 (1711.5MHz)			CH19975 (1712.5MHz)			CH20000 (1715MHz)			CH20025 (1717.5MHz)			CH20050 (1720MHz)			
Low	QPSK	1	#0	22.64	1	#0	22.58	1	#0	22.63	1	#0	22.63	1	#0	22.5	1	#0	22.52	0
		1	#2	22.66	1	#7	22.41	1	#12	22.4	1	#25	22.53	1	#36	22.02	1	#49	22.47	0
		1	#5	22.62	1	#14	22.17	1	#24	22.12	1	#49	22.15	1	#74	22	1	#99	22.13	0
		3	#0	22.65	8	#0	21.68	12	#0	21.61	25	#0	21.74	36	#0	21.76	50	#0	21.78	0-1
		3	#2	22.12	8	#4	21.66	12	#6	21.6	25	#12	21.71	36	#18	21.7	50	#24	21.75	0-1
		3	#3	21.88	8	#7	21.63	12	#13	21.6	25	#25	21.7	36	#37	21.75	50	#49	21.74	0-1
		6	#0	21.65	15	#0	21.62	25	#0	21.59	50	#0	21.67	75	#0	21.81	100	#0	21.71	0-1
	16QAM	1	#0	21.75	1	#0	21.71	1	#0	21.68	1	#0	21.6	1	#0	21.53	1	#0	22.04	0-1
		1	#2	21.67	1	#7	21.63	1	#12	21.53	1	#25	21.35	1	#36	21.21	1	#49	21.98	0-1
		1	#5	21.62	1	#14	21.51	1	#24	21.19	1	#49	21.1	1	#74	21.02	1	#99	21.95	0-1
		3	#0	21.2	8	#0	21.02	12	#0	20.86	25	#0	20.89	36	#0	20.98	50	#0	20.78	0-2
		3	#2	20.92	8	#4	20.95	12	#6	20.62	25	#12	20.71	36	#18	20.61	50	#24	20.61	0-2
		3	#3	20.67	8	#7	20.7	12	#13	20.34	25	#25	20.36	36	#37	20.32	50	#49	20.3	0-2
		6	#0	20.36	15	#0	20.53	25	#0	20.12	50	#0	20.3	75	#0	20.15	100	#0	20.12	0-2
Mid	QPSK	CH20175 (1732.5MHz)			CH20175 (1732.5MHz)			CH20175 (1732.5MHz)			CH20175 (1732.5MHz)			CH20175 (1732.5MHz)			CH20175 (1732.5MHz)			MPR
		1	#0	22.72	1	#0	22.78	1	#0	22.86	1	#0	22.81	1	#0	22.71	1	#0	22.66	0
		1	#2	22.75	1	#7	22.75	1	#12	22.81	1	#25	22.8	1	#36	22.53	1	#49	22.65	0
		1	#5	22.77	1	#14	22.61	1	#24	22.75	1	#49	22.54	1	#74	22.19	1	#99	22.53	0
		3	#0	22.88	8	#0	21.88	12	#0	21.71	25	#0	21.78	36	#0	21.81	50	#0	21.63	0-1
		3	#2	21.85	8	#4	21.82	12	#6	21.75	25	#12	21.79	36	#18	21.85	50	#24	21.6	0-1
		3	#3	21.82	8	#7	21.8	12	#13	21.72	25	#25	21.8	36	#37	21.83	50	#49	21.59	0-1
		6	#0	21.8	15	#0	21.76	25	#0	21.77	50	#0	21.78	75	#0	21.87	100	#0	21.57	0-1
	16QAM	1	#0	22.03	1	#0	21.79	1	#0	21.86	1	#0	21.68	1	#0	21.62	1	#0	22.04	0-1
		1	#2	21.89	1	#7	21.72	1	#12	21.81	1	#25	21.61	1	#36	21.5	1	#49	22	0-1
		1	#5	21.85	1	#14	21.61	1	#24	21.73	1	#49	21.47	1	#74	21.37	1	#99	21.69	0-1
		3	#0	21.3	8	#0	21.34	12	#0	21.31	25	#0	21.2	36	#0	21.23	50	#0	21.43	0-2
		3	#2	21.15	8	#4	21.15	12	#6	21.15	25	#12	21.03	36	#18	21.01	50	#24	21.12	0-2
		3	#3	21.03	8	#7	21.11	12	#13	20.9	25	#25	20.96	36	#37	20.96	50	#49	21.06	0-2
		6	#0	20.95	15	#0	20.96	25	#0	20.85	50	#0	20.91	75	#0	20.91	100	#0	21.03	0-2

		CH20393 (1754.3MHz)			CH20385 (1753.5MHz)			CH20375 (1752.5MHz)			CH20350 (1750MHz)			CH20325 (1747.5MHz)			CH20300 (1745MHz)			MPR
High	QPSK	1	#0	22.48	1	#0	22.57	1	#0	22.68	1	#0	22.7	1	#0	22.68	1	#0	22.7	0
		1	#2	22.45	1	#7	22.51	1	#12	22.54	1	#25	22.5	1	#36	22.42	1	#49	22.61	0
		1	#5	22.4	1	#14	22.31	1	#24	22.1	1	#49	22.12	1	#74	22	1	#99	22.14	0
		3	#0	22.6	8	#0	21.67	12	#0	21.58	25	#0	21.69	36	#0	21.88	50	#0	21.85	0-1
		3	#2	22.2	8	#4	21.65	12	#6	21.59	25	#12	21.67	36	#18	21.87	50	#24	21.8	0-1
		3	#3	22	8	#7	21.63	12	#13	21.6	25	#25	21.66	36	#37	21.87	50	#49	21.77	0-1
		6	#0	21.65	15	#0	21.6	25	#0	21.59	50	#0	21.64	75	#0	21.86	100	#0	21.75	0-1
	16QAM	1	#0	21.54	1	#0	21.5	1	#0	21.69	1	#0	22.7	1	#0	21.69	1	#0	22.2	0-1
		1	#2	21.4	1	#7	21.42	1	#12	21.6	1	#25	22.61	1	#36	21.54	1	#49	22	0-1
		1	#5	21.31	1	#14	21.22	1	#24	21.32	1	#49	22.32	1	#74	21.21	1	#99	21.85	0-1
		3	#0	20.96	8	#0	20.97	12	#0	21.03	25	#0	21.69	36	#0	20.95	50	#0	21.65	0-2
		3	#2	20.85	8	#4	20.95	12	#6	20.85	25	#12	21.65	36	#18	20.88	50	#24	21.51	0-2
		3	#3	20.43	8	#7	20.36	12	#13	20.63	25	#25	21.64	36	#37	20.31	50	#49	21.3	0-2
		6	#0	20.22	15	#0	20.21	25	#0	20.2	50	#0	21.6	75	#0	20.12	100	#0	21.11	0-2

LTE Band 5		1.4MHz			3MHz			5MHz			10MHz			MPR
Channel	Modulation	RB No.	RB Offset	Max Power	RB No.	RB Offset	Max Power	RB No.	RB Offset	Max Power	RB No.	RB Offset	Max Power	
		CH20407 (824.7MHz)			**CH20415 (825.5MHz)**			**CH20425 (826.5MHz)**			**CH20450 (829MHz)**			
Low	QPSK	1	#0	23.71	1	#0	23.64	1	#0	23.71	1	#0	23.72	0
		1	#2	23.65	1	#7	23.51	1	#12	23.26	1	#25	23.52	0
		1	#5	23.61	1	#14	23.3	1	#24	22.8	1	#49	23.1	0
		3	#0	23.76	8	#0	22.66	12	#0	22.65	25	#0	22.73	0-1
		3	#2	22.68	8	#4	22.65	12	#6	22.67	25	#12	22.7	0-1
		3	#3	22.6	8	#7	22.64	12	#13	22.6	25	#25	22.68	0-1
		6	#0	22.66	15	#0	22.64	25	#0	22.66	50	#0	22.66	0-1
	16QAM	1	#0	22.89	1	#0	22.61	1	#0	22.74	1	#0	22.67	0-1
		1	#2	22.85	1	#7	22.42	1	#12	22.61	1	#25	22.34	0-1
		1	#5	22.61	1	#14	22.26	1	#24	22.31	1	#49	22	0-1
		3	#0	21.88	8	#0	21.96	12	#0	21.92	25	#0	21.95	0-2
		3	#2	21.61	8	#4	21.52	12	#6	21.9	25	#12	21.82	0-2
		3	#3	21.25	8	#7	21.36	12	#13	21.63	25	#25	21.61	0-2
		6	#0	21	15	#0	21.2	25	#0	21.15	50	#0	21.2	0-2
Mid	QPSK	**CH20525 (836.5MHz)**			**CH20525 (836.5MHz)**			**CH 0525 (836.5MHz)**			**CH20525 (836.5MHz)**			MPR
		1	#0	23.72	1	#0	23.64	1	#0	22.63	1	#0	23.67	0
		1	#2	23.71	1	#7	23.6	1	#12	22.62	1	#25	23.31	0
		1	#5	23.7	1	#14	23.14	1	#24	22.61	1	#49	23	0
		3	#0	23.72	8	#0	22.65	12	#0	22.6	25	#0	22.64	0-1
		3	#2	23.14	8	#4	22.65	12	#6	22.6	25	#12	22.7	0-1
		3	#3	23	8	#7	22.64	12	#13	22.59	25	#25	22.67	0-1
		6	#0	22.72	15	#0	22.65	25	#0	22.59	50	#0	22.73	0-1
	16QAM	1	#0	22.81	1	#0	23.64	1	#0	22.69	1	#0	22.74	0-1
		1	#2	22.63	1	#7	23.31	1	#12	22.53	1	#25	22.51	0-1
		1	#5	22.22	1	#14	23.02	1	#24	22.1	1	#49	22.13	0-1
		3	#0	21.98	8	#0	22.94	12	#0	21.87	25	#0	21.93	0-2
		3	#2	21.93	8	#4	22.73	12	#6	21.71	25	#12	21.82	0-2
		3	#3	21.32	8	#7	22.51	12	#13	21.54	25	#25	21.51	0-2
		6	#0	21.11	15	#0	22.14	25	#0	21.2	50	#0	21.12	0-2

		CH20643 (848.3MHz)			CH20635 (847.5MHz)			CH20625 (846.5MHz)			CH20600 (844MHz)			MPR
High	QPSK	1	#0	23.67	1	#0	23.68	1	#0	23.72	1	#0	23.65	0
		1	#2	23.7	1	#7	23.12	1	#12	23.36	1	#25	23.34	0
		1	#5	23.68	1	#14	23	1	#24	23.2	1	#49	23.01	0
		3	#0	23.79	8	#0	22.72	12	#0	22.75	25	#0	22.67	0-1
		3	#2	22.92	8	#4	22.7	12	#6	22.7	25	#12	22.65	0-1
		3	#3	22.9	8	#7	22.73	12	#13	22.69	25	#25	22.62	0-1
		6	#0	22.88	15	#0	22.71	25	#0	22.66	50	#0	22.61	0-1
	16QAM	1	#0	21.93	1	#0	22.61	1	#0	22.7	1	#0	22.55	0-1
		1	#2	21.82	1	#7	22.3	1	#12	22.62	1	#25	22.53	0-1
		1	#5	21.73	1	#14	22.02	1	#24	22.32	1	#49	22.17	0-1
		3	#0	21.51	8	#0	21.98	12	#0	22	25	#0	22.03	0-2
		3	#2	21.12	8	#4	21.63	12	#6	21.95	25	#12	21.95	0-2
		3	#3	20.98	8	#7	21.35	12	#13	21.71	25	#25	21.6	0-2
		6	#0	20.91	15	#0	21.1	25	#0	21.32	50	#0	21.22	0-2

LTE Band 12		1.4MHz			3MHz			5MHz			10MHz			MPR
Channel	Modulation	RB No.	RB Offset	Max Power	RB No.	RB Offset	Max Power	RB No.	RB Offset	Max Power	RB No.	RB Offset	Max Power	
		CH23017 (699.7MHz)			**CH23025 (700.5MHz)**			**CH23035 (701.5MHz)**			**CH23060 (704MHz)**			
Low	QPSK	1	#0	24.77	1	#0	24.79	1	#0	24.84	1	#0	24.74	0
		1	#2	24.77	1	#7	24.71	1	#12	24.61	1	#25	24.61	0
		1	#5	24.76	1	#14	24.12	1	#24	24.23	1	#49	24.23	0
		3	#0	24.76	8	#0	23.81	12	#0	23.75	25	#0	23.94	0-1
		3	#2	24.31	8	#4	23.75	12	#6	23.74	25	#12	23.95	0-1
		3	#3	24	8	#7	23.72	12	#13	23.72	25	#25	23.96	0-1
		6	#0	23.81	15	#0	23.7	25	#0	23.71	50	#0	23.97	0-1
	16QAM	1	#0	23.75	1	#0	23.63	1	#0	23.71	1	#0	23.52	0-1
		1	#2	23.72	1	#7	23.51	1	#12	23.58	1	#25	23.48	0-1
		1	#5	23.51	1	#14	23.02	1	#24	23.5	1	#49	23.2	0-1
		3	#0	23.12	8	#0	22.91	12	#0	22.01	25	#0	23.17	0-2
		3	#2	22.91	8	#4	22.82	12	#6	21.95	25	#12	22.96	0-2
		3	#3	22.63	8	#7	22.61	12	#13	21.81	25	#25	22.81	0-2
		6	#0	22.1	15	#0	22.35	25	#0	21.6	50	#0	22.76	0-2
Mid	QPSK	**CH23095 (707.5MHz)**			**CH23095 (707.5MHz)**			**CH23095 (707.5MHz)**			**CH23095 (707.5MHz)**			MPR
		1	#0	24.81	1	#0	24.75	1	#0	24.87	1	#0	24.79	0
		1	#2	24.85	1	#7	24.61	1	#12	24.8	1	#25	24.75	0
		1	#5	24.83	1	#14	24.52	1	#24	24.1	1	#49	24.15	0
		3	#0	24.86	8	#0	23.77	12	#0	23.69	25	#0	23.8	0-1
		3	#2	23.99	8	#4	23.79	12	#6	23.7	25	#12	23.82	0-1
		3	#3	23.92	8	#7	23.8	12	#13	23.68	25	#25	23.81	0-1
		6	#0	23.79	15	#0	23.78	25	#0	23.73	50	#0	23.83	0-1
	16QAM	1	#0	23.98	1	#0	23.76	1	#0	23.87	1	#0	23.66	0-1
		1	#2	23.7	1	#7	23.61	1	#12	23.71	1	#25	23.51	0-1
		1	#5	23.12	1	#14	23.51	1	#24	23.3	1	#49	23.21	0-1
		3	#0	22.85	8	#0	22.95	12	#0	22.91	25	#0	23.01	0-2
		3	#2	22.31	8	#4	22.61	12	#6	22.56	25	#12	22.95	0-2
		3	#3	22.1	8	#7	22.3	12	#13	22.2	25	#25	22.47	0-2
		6	#0	21.95	15	#0	22.15	25	#0	22.01	50	#0	22.23	0-2

		CH23173 (715.3MHz)			CH23165 (714.5MHz)			CH23155 (713.5MHz)			CH23130 (711MHz)			MPR
High	QPSK	1	#0	24.85	1	#0	24.84	1	#0	24.89	1	#0	24.78	0
		1	#2	24.86	1	#7	24.54	1	#12	24.85	1	#25	24.75	0
		1	#5	24.85	1	#14	24.12	1	#24	24.71	1	#49	24.31	0
		3	#0	24.87	8	#0	23.9	12	#0	23.91	25	#0	23.67	0-1
		3	#2	24.26	8	#4	23.87	12	#6	23.9	25	#12	23.65	0-1
		3	#3	23.9	8	#7	23.85	12	#13	23.85	25	#25	23.64	0-1
		6	#0	23.86	15	#0	23.82	25	#0	23.83	50	#0	23.63	0-1
	16QAM	1	#0	24.08	1	#0	23.64	1	#0	23.78	1	#0	23.69	0-1
		1	#2	23.96	1	#7	23.53	1	#12	23.71	1	#25	23.51	0-1
		1	#5	23.91	1	#14	23.1	1	#24	23.63	1	#49	23.12	0-1
		3	#0	23.5	8	#0	22.85	12	#0	23.51	25	#0	22.85	0-2
		3	#2	23.12	8	#4	22.61	12	#6	23.47	25	#12	22.3	0-2
		3	#3	23.02	8	#7	22.43	12	#13	23.32	25	#25	22.15	0-2
		6	#0	22.95	15	#0	22.1	25	#0	23.05	50	#0	22.02	0-2

LTE Band 17		5MHz			10MHz			MPR
Channel	Modulation	RB No.	RB Offset	Max Power	RB No.	RB Offset	Max Power	
		CH23755 (706.5MHz)			CH23780 (709MHz)			
Low	QPSK	1	#0	24.82	1	#0	24.71	0
		1	#12	24.52	1	#25	24.36	0
		1	#24	24.31	1	#49	24.12	0
		12	#0	23.73	25	#0	23.72	0-1
		12	#6	23.75	25	#12	23.72	0-1
		12	#13	23.76	25	#25	23.71	0-1
		25	#0	23.79	50	#0	23.7	0-1
	16QAM	1	#0	23.75	1	#0	24.15	0-1
		1	#12	23.71	1	#25	24	0-1
		1	#24	23.58	1	#49	23.78	0-1
		12	#0	23.15	25	#0	23.61	0-2
		12	#6	23	25	#12	23.12	0-2
		12	#13	22.91	25	#25	22.96	0-2
		25	#0	22.87	50	#0	22.32	0-2
Mid	QPSK	CH23790 (710MHz)			CH23790 (710MHz)			MPR
		1	#0	24.76	1	#0	24.85	0
		1	#12	24.72	1	#25	24.78	0
		1	#24	24.12	1	#49	24.02	0
		12	#0	23.72	25	#0	23.71	0-1
		12	#6	23.75	25	#12	23.7	0-1
		12	#13	23.7	25	#25	23.68	0-1
		25	#0	23.76	50	#0	23.64	0-1
	16QAM	1	#0	23.83	1	#0	23.81	0-1
		1	#12	23.54	1	#25	23.51	0-1
		1	#24	23.11	1	#49	23.17	0-1
		12	#0	22.85	25	#0	23	0-2
		12	#6	22.61	25	#12	22.91	0-2
		12	#13	22.12	25	#25	22.87	0-2
		25	#0	22	50	#0	22.61	0-2

		CH23825 (713.5MHz)			CH23800 (711MHz)			MPR
High	QPSK	1	#0	24.81	1	#0	24.84	0
		1	#12	24.75	1	#25	24.8	0
		1	#24	24.52	1	#49	24.01	0
		12	#0	23.94	25	#0	23.83	0-1
		12	#6	23.95	25	#12	23.72	0-1
		12	#13	23.91	25	#25	23.65	0-1
		25	#0	23.84	50	#0	23.6	0-1
	16QAM	1	#0	23.76	1	#0	23.92	0-1
		1	#12	23.71	1	#25	23.85	0-1
		1	#24	23.3	1	#49	23.71	0-1
		12	#0	22.99	25	#0	23.32	0-2
		12	#6	22.68	25	#12	23	0-2
		12	#13	22.51	25	#25	22.87	0-2
		25	#0	22.13	50	#0	22.71	0-2

LTE Band 38		5MHz			10MHz			15MHz			20MHz			MPR
Channel	Modulation	RB No.	RB Offset	Max Power	RB No.	RB Offset	Max Power	RB No.	RB Offset	Max Power	RB No.	RB Offset	Max Power	
		CH37775 / 2572.5MHz			CH37800 / 2575MHz			CH37825 / 2577.5MHz			CH37850 / 2580MHz			
Low	QPSK	1	#0	22.84	1	#0	22.85	1	#0	22.89	1	#0	22.81	0
		1	#12	22.51	1	#25	22.45	1	#36	22.56	1	#49	22.63	0
		1	#24	22.20	1	#49	22.10	1	#74	22.12	1	#99	22.02	0
		12	#0	21.92	25	#0	21.96	36	#0	22.03	50	#0	21.90	0-1
		12	#6	21.95	25	#12	21.95	36	#18	22.03	50	#24	21.95	0-1
		12	#13	21.93	25	#25	21.94	36	#37	22.02	50	#49	21.93	0-1
		25	#0	21.98	50	#0	21.93	75	#0	22.02	100	#0	21.96	0-1
	16QAM	1	#0	22.36	1	#0	22.11	1	#0	22.35	1	#0	22.12	0-1
		1	#12	22.31	1	#25	22.00	1	#36	22.17	1	#49	21.76	0-1
		1	#24	22.12	1	#49	21.86	1	#74	22.03	1	#99	21.50	0-1
		12	#0	21.85	25	#0	21.71	36	#0	21.93	50	#0	21.12	0-2
		12	#6	21.71	25	#12	21.30	36	#18	21.70	50	#24	20.93	0-2
		12	#13	21.52	25	#25	21.15	36	#37	21.23	50	#49	20.80	0-2
		25	#0	21.15	50	#0	21.03	75	#0	21.11	100	#0	20.52	0-2
Mid	QPSK	CH38000 / 2595MHz			CH38000 / 2595MHz			CH38000 / 2595MHz			CH38000 / 2595MHz			MPR
		1	#0	22.82	1	#0	22.91	1	#0	22.90	1	#0	22.78	0
		1	#12	22.54	1	#25	22.85	1	#36	22.65	1	#49	22.36	0
		1	#24	22.17	1	#49	22.36	1	#74	22.13	1	#99	22.00	0
		12	#0	21.87	25	#0	21.97	36	#0	22.04	50	#0	21.89	0-1
		12	#6	21.90	25	#12	21.96	36	#18	22.04	50	#24	21.91	0-1
		12	#13	21.91	25	#25	21.95	36	#37	22.05	50	#49	21.90	0-1
		25	#0	21.92	50	#0	21.94	75	#0	22.03	100	#0	21.92	0-1
	16QAM	1	#0	20.99	1	#0	22.20	1	#0	22.09	1	#0	22.10	0-1
		1	#12	20.95	1	#25	22.00	1	#36	22.05	1	#49	21.85	0-1
		1	#24	20.17	1	#49	21.71	1	#74	21.86	1	#99	21.60	0-1
		12	#0	20.00	25	#0	21.32	36	#0	21.35	50	#0	21.12	0-2
		12	#6	19.86	25	#12	21.15	36	#18	21.31	50	#24	20.99	0-2
		12	#13	19.81	25	#25	21.03	36	#37	21.08	50	#49	20.98	0-2
		25	#0	19.70	50	#0	20.88	75	#0	21.05	100	#0	20.86	0-2

		CH38225 / 2617.5MHz			CH38200 / 2615MHz			CH38175 / 2612.5MHz			CH38150 / 2610MHz			MPR
High	QPSK	1	#0	22.81	1	#0	22.81	1	#0	22.73	1	#0	22.73	0
		1	#12	22.51	1	#25	22.42	1	#36	22.51	1	#49	22.36	0
		1	#24	22.32	1	#49	22.00	1	#74	22.12	1	#99	22.10	0
		12	#0	21.84	25	#0	21.88	36	#0	21.89	50	#0	21.73	0-1
		12	#6	21.83	25	#12	21.86	36	#18	21.90	50	#24	21.75	0-1
		12	#13	21.82	25	#25	21.83	36	#37	21.91	50	#49	21.77	0-1
		25	#0	21.82	50	#0	21.81	75	#0	21.89	100	#0	21.80	0-1
	16QAM	1	#0	22.05	1	#0	22.32	1	#0	21.99	1	#0	20.76	0-1
		1	#12	21.95	1	#25	22.15	1	#36	21.81	1	#49	20.71	0-1
		1	#24	21.32	1	#49	22.01	1	#74	21.35	1	#99	20.32	0-1
		12	#0	21.10	25	#0	21.95	36	#0	21.02	50	#0	20.17	0-2
		12	#6	20.95	25	#12	21.32	36	#18	20.85	50	#24	20.00	0-2
		12	#13	20.85	25	#25	21.06	36	#37	20.55	50	#49	19.98	0-2
		25	#0	20.73	50	#0	21.00	75	#0	20.30	100	#0	19.95	0-2

LTE Band 41		5MHz			10MHz			15MHz			20MHz			MPR
Channel	Modulation	RB No.	RB Offset	Max Power	RB No.	RB Offset	Max Power	RB No.	RB Offset	Max Power	RB No.	RB Offset	Max Power	
		CH40265 / 2557.5MHz			CH40290 / 2560MHz			CH40315 / 2562.5MHz			CH40340 / 2565MHz			
Low	QPSK	1	#0	22.90	1	#0	22.96	1	#0	22.93	1	#0	22.79	0
		1	#12	22.81	1	#25	22.80	1	#36	22.63	1	#49	22.41	0
		1	#24	22.32	1	#49	22.45	1	#74	22.31	1	#99	22.10	0
		12	#0	21.99	25	#0	22.04	36	#0	22.09	50	#0	22.02	0-1
		12	#6	21.93	25	#12	22.03	36	#18	22.10	50	#24	22.03	0-1
		12	#13	21.90	25	#25	22.02	36	#37	22.12	50	#49	22.02	0-1
		25	#0	22.05	50	#0	22.01	75	#0	22.11	100	#0	22.04	0-1
	16QAM	1	#0	22.39	1	#0	22.14	1	#0	22.10	1	#0	22.88	0-1
		1	#12	22.15	1	#25	22.00	1	#36	21.88	1	#49	22.32	0-1
		1	#24	22.03	1	#49	21.65	1	#74	21.45	1	#99	22.17	0-1
		12	#0	21.95	25	#0	21.32	36	#0	21.30	50	#0	22.00	0-2
		12	#6	21.70	25	#12	21.10	36	#18	21.03	50	#24	21.95	0-2
		12	#13	21.25	25	#25	20.98	36	#37	20.88	50	#49	21.73	0-2
		25	#0	21.00	50	#0	20.65	75	#0	20.75	100	#0	21.45	0-2
Mid	QPSK	CH40740 / 2605MHz			CH40740 / 2605MHz			CH40740 / 2605MHz			CH40740 / 2605MHz			MPR
		1	#0	22.84	1	#0	22.93	1	#0	22.82	1	#0	22.84	0
		1	#12	22.60	1	#25	22.85	1	#36	22.71	1	#49	22.75	0
		1	#24	22.52	1	#49	22.71	1	#74	22.51	1	#99	22.56	0
		12	#0	21.94	25	#0	21.96	36	#0	22.06	50	#0	21.86	0-1
		12	#6	21.95	25	#12	21.95	36	#18	22.06	50	#24	21.87	0-1
		12	#13	21.96	25	#25	21.94	36	#37	22.05	50	#49	21.86	0-1
		25	#0	21.97	50	#0	21.93	75	#0	22.04	100	#0	21.85	0-1
	16QAM	1	#0	22.09	1	#0	22.07	1	#0	22.08	1	#0	22.07	0-1
		1	#12	22.00	1	#25	22.03	1	#36	21.93	1	#49	22.01	0-1
		1	#24	21.85	1	#49	21.88	1	#74	21.85	1	#99	21.95	0-1
		12	#0	21.61	25	#0	21.71	36	#0	21.35	50	#0	21.87	0-2
		12	#6	21.23	25	#12	21.21	36	#18	21.10	50	#24	21.63	0-2
		12	#13	21.10	25	#25	21.03	36	#37	20.96	50	#49	21.22	0-2
		25	#0	21.02	50	#0	21.01	75	#0	20.91	100	#0	21.06	0-2

		CH41215 / 2652.5MHz			CH41190 / 2650MHz			CH41165 / 2647.5MHz			CH41140 / 2645MHz			MPR
High	QPSK	1	#0	22.63	1	#0	22.78	1	#0	22.77	1	#0	22.60	0
		1	#12	22.44	1	#25	22.45	1	#36	22.56	1	#49	22.36	0
		1	#24	22.31	1	#49	22.31	1	#74	22.14	1	#99	22.15	0
		12	#0	21.66	25	#0	21.79	36	#0	21.97	50	#0	21.75	0-1
		12	#6	21.70	25	#12	21.75	36	#18	21.98	50	#24	21.77	0-1
		12	#13	21.72	25	#25	21.70	36	#37	21.90	50	#49	21.78	0-1
		25	#0	21.76	50	#0	21.69	75	#0	21.99	100	#0	21.76	0-1
	16QAM	1	#0	22.07	1	#0	21.81	1	#0	21.86	1	#0	21.87	0-1
		1	#12	21.95	1	#25	21.76	1	#36	21.81	1	#49	21.56	0-1
		1	#24	21.63	1	#49	21.53	1	#74	21.52	1	#99	21.31	0-1
		12	#0	21.21	25	#0	21.10	36	#0	21.20	50	#0	21.17	0-2
		12	#6	21.00	25	#12	20.86	36	#18	20.98	50	#24	20.96	0-2
		12	#13	20.86	25	#25	20.74	36	#37	20.95	50	#49	20.85	0-2
		25	#0	20.81	50	#0	20.20	75	#0	20.74	100	#0	20.61	0-2

Radiated Power

LTE Band2 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH18607 / 1850.7MHz, Bandwidth 1.4MHz							
1850.7	H	15.05	1.07	4.61	18.60	33	-14.40
1850.7	V	13.03	1.07	4.61	16.58	33	-16.42
QPSK, CH18615 / 1851.5MHz, Bandwidth 3MHz							
1851.5	H	15.03	1.07	4.59	18.55	33	-14.45
1851.5	V	12.86	1.07	4.59	16.38	33	-16.62
QPSK, CH18625 / 1852.5MHz, Bandwidth 5MHz							
1852.5	H	15.03	1.07	4.56	18.52	33	-14.48
1852.5	V	12.70	1.07	4.56	16.19	33	-16.81
QPSK, CH18650 / 1855MHz, Bandwidth 10MHz							
1855	H	14.82	1.07	4.56	18.31	33	-14.69
1855	V	12.73	1.07	4.56	16.22	33	-16.78
QPSK, CH18675 / 1857.5MHz, Bandwidth 15MHz							
1857.5	H	14.72	1.07	4.56	18.21	33	-14.79
1857.5	V	12.89	1.07	4.56	16.38	33	-16.62
QPSK, CH18700 / 1860MHz, Bandwidth 20MHz							
1860	H	14.69	1.07	4.56	18.18	33	-14.82
1860	V	13.18	1.07	4.56	16.67	33	-16.33

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band2 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
16QAM, CH18607 / 1850.7MHz, Bandwidth 1.4MHz							
1850.7	H	14.03	1.07	4.61	17.58	33	-15.42
1850.7	V	12.07	1.07	4.61	15.62	33	-17.38
16QAM, CH18615 / 1851.5MHz, Bandwidth 3MHz							
1851.5	H	13.91	1.07	4.59	17.43	33	-15.57
1851.5	V	11.97	1.07	4.59	15.49	33	-17.51
16QAM, CH18625 / 1852.5MHz, Bandwidth 5MHz							
1852.5	H	13.90	1.07	4.56	17.39	33	-15.61
1852.5	V	11.95	1.07	4.56	15.44	33	-17.56
16QAM, CH18650 / 1855MHz, Bandwidth 10MHz							
1855	H	13.72	1.07	4.56	17.21	33	-15.79
1855	V	11.83	1.07	4.56	15.32	33	-17.68
16QAM, CH18675 / 1857.5MHz, Bandwidth 15MHz							
1857.5	H	13.85	1.07	4.56	17.34	33	-15.66
1857.5	V	11.80	1.07	4.56	15.29	33	-17.71
16QAM, CH18700 / 1860MHz, Bandwidth 20MHz							
1860	H	13.81	1.07	4.56	17.30	33	-15.70
1860	V	11.84	1.07	4.56	15.33	33	-17.67

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band2 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH18900 / 1880MHz, Bandwidth 1.4MHz							
1880	H	14.05	1.07	4.61	17.60	33	-15.40
1880	V	13.27	1.07	4.61	16.82	33	-16.18
QPSK, CH18900 / 1880MHz, Bandwidth 3MHz							
1880	H	13.90	1.07	4.59	17.42	33	-15.58
1880	V	13.17	1.07	4.59	16.69	33	-16.31
QPSK, CH18900 / 1880MHz, Bandwidth 5MHz							
1880	H	13.55	1.07	4.56	17.04	33	-15.96
1880	V	12.89	1.07	4.56	16.38	33	-16.62
QPSK, CH18900 / 1880MHz, Bandwidth 10MHz							
1880	H	13.84	1.07	4.56	17.33	33	-15.67
1880	V	13.02	1.07	4.56	16.51	33	-16.49
QPSK, CH18900 / 1880MHz, Bandwidth 15MHz							
1880	H	13.80	1.07	4.56	17.29	33	-15.71
1880	V	12.95	1.07	4.56	16.44	33	-16.56
QPSK, CH18900 / 1880MHz, Bandwidth 20MHz							
1880	H	13.96	1.07	4.56	17.45	33	-15.55
1880	V	13.13	1.07	4.56	16.62	33	-16.38

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band2 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
16QAM, CH18900 / 1880MHz, Bandwidth 1.4MHz							
1880	H	12.86	1.07	4.61	16.41	33	-16.59
1880	V	11.96	1.07	4.61	15.51	33	-17.49
16QAM, CH18900 / 1880MHz, Bandwidth 3MHz							
1880	H	12.77	1.07	4.59	16.29	33	-16.71
1880	V	11.92	1.07	4.59	15.44	33	-17.56
16QAM, CH18900 / 1880MHz, Bandwidth 5MHz							
1880	H	12.70	1.07	4.56	16.19	33	-16.81
1880	V	11.62	1.07	4.56	15.11	33	-17.89
16QAM, CH18900 / 1880MHz, Bandwidth 10MHz							
1880	H	12.69	1.07	4.56	16.18	33	-16.82
1880	V	11.72	1.07	4.56	15.21	33	-17.79
16QAM, CH18900 / 1880MHz, Bandwidth 15MHz							
1880	H	12.62	1.07	4.56	16.11	33	-16.89
1880	V	11.70	1.07	4.56	15.19	33	-17.81
16QAM, CH18900 / 1880MHz, Bandwidth 20MHz							
1880	H	12.72	1.07	4.56	16.21	33	-16.79
1880	V	11.93	1.07	4.56	15.42	33	-17.58

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band2 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH19193 / 1909.3MHz, Bandwidth 1.4MHz							
1909.3	H	13.64	1.07	4.61	17.19	33	-15.81
1909.3	V	10.56	1.07	4.61	14.11	33	-18.89
QPSK, CH19185 / 1908.5MHz, Bandwidth 3MHz							
1908.5	H	13.96	1.07	4.59	17.48	33	-15.52
1908.5	V	10.84	1.07	4.59	14.36	33	-18.64
QPSK, CH19175 / 1907.5MHz, Bandwidth 5MHz							
1907.5	H	14.12	1.07	4.56	17.61	33	-15.39
1907.5	V	11.31	1.07	4.56	14.80	33	-18.20
QPSK, CH19150 / 1905MHz, Bandwidth 10MHz							
1905	H	13.89	1.07	4.56	17.38	33	-15.62
1905	V	11.02	1.07	4.56	14.51	33	-18.49
QPSK, CH19125 / 1902.5MHz, Bandwidth 15MHz							
1902.5	H	14.03	1.07	4.56	17.52	33	-15.48
1902.5	V	10.96	1.07	4.56	14.45	33	-18.55
QPSK, CH19100 / 1900MHz, Bandwidth 20MHz							
1900	H	14.79	1.07	4.56	18.28	33	-14.72
1900	V	10.80	1.07	4.56	14.29	33	-18.71

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band2 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
16QAM, CH19193 / 1909.3MHz, Bandwidth 1.4MHz							
1909.3	H	12.37	1.07	4.61	15.92	33	-17.08
1909.3	V	9.66	1.07	4.61	13.21	33	-19.79
16QAM, CH19185 / 1908.5MHz, Bandwidth 3MHz							
1908.5	H	12.51	1.07	4.59	16.03	33	-16.97
1908.5	V	9.60	1.07	4.59	13.12	33	-19.88
16QAM, CH19175 / 1907.5MHz, Bandwidth 5MHz							
1907.5	H	12.84	1.07	4.56	16.33	33	-16.67
1907.5	V	9.75	1.07	4.56	13.24	33	-19.76
16QAM, CH19150 / 1905MHz, Bandwidth 10MHz							
1905	H	12.66	1.07	4.56	16.15	33	-16.85
1905	V	9.70	1.07	4.56	13.19	33	-19.81
16QAM, CH19125 / 1902.5MHz, Bandwidth 15MHz							
1902.5	H	12.72	1.07	4.56	16.21	33	-16.79
1902.5	V	9.62	1.07	4.56	13.11	33	-19.89
16QAM, CH19100 / 1900MHz, Bandwidth 20MHz							
1900	H	13.54	1.07	4.56	17.03	33	-15.97
1900	V	9.58	1.07	4.56	13.07	33	-19.93

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band4 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH19957 / 1710.7MHz, Bandwidth 1.4MHz							
1710.7	H	17.39	1.10	4.92	21.20	30	-8.80
1710.7	V	14.15	1.10	4.92	17.96	30	-12.04
QPSK, CH19965 / 1711.5MHZ, Bandwidth 3MHz							
1711.5	H	17.26	1.10	4.92	21.07	30	-8.93
1711.5	V	14.00	1.10	4.92	17.81	30	-12.19
QPSK, CH19975 / 1712.5MHz, Bandwidth 5MHz							
1712.5	H	17.34	1.10	4.92	21.15	30	-8.85
1712.5	V	13.92	1.10	4.92	17.73	30	-12.27
QPSK, CH20000 / 1715MHz, Bandwidth 10MHz							
1715	H	17.12	1.10	4.92	20.93	30	-9.07
1715	V	14.07	1.10	4.92	17.88	30	-12.12
QPSK, CH20025 / 1717.5MHz, Bandwidth 15MHz							
1717.5	H	17.08	1.10	4.92	20.89	30	-9.11
1717.5	V	14.00	1.10	4.92	17.81	30	-12.19
QPSK, CH20050 / 1720MHz, Bandwidth 20MHz							
1720	H	16.90	1.10	4.92	20.71	30	-9.29
1720	V	13.92	1.10	4.92	17.73	30	-12.27

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band4 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
16QAM, CH19957 / 1710.7MHz, Bandwidth 1.4MHz							
1710.7	H	16.27	1.10	4.92	20.08	30	-9.92
1710.7	V	12.92	1.10	4.92	16.73	30	-13.27
16QAM, CH19965 / 1711.5MHZ, Bandwidth 3MHz							
1711.5	H	16.20	1.10	4.92	20.01	30	-9.99
1711.5	V	12.74	1.10	4.92	16.55	30	-13.45
16QAM, CH19975 / 1712.5MHz, Bandwidth 5MHz							
1712.5	H	16.22	1.10	4.92	20.03	30	-9.97
1712.5	V	12.71	1.10	4.92	16.52	30	-13.48
16QAM, CH20000 / 1715MHz, Bandwidth 10MHz							
1715	H	16.07	1.10	4.92	19.88	30	-10.12
1715	V	12.86	1.10	4.92	16.67	30	-13.33
16QAM, CH20025 / 1717.5MHz, Bandwidth 15MHz							
1717.5	H	15.77	1.10	4.92	19.58	30	-10.42
1717.5	V	12.81	1.10	4.92	16.62	30	-13.38
16QAM, CH20050 / 1720MHz, Bandwidth 20MHz							
1720	H	15.71	1.10	4.92	19.52	30	-10.48
1720	V	12.64	1.10	4.92	16.45	30	-13.55

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band4 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH20175 /1732.5MHz, Bandwidth 1.4MHz							
1732.5	H	17.43	1.11	4.86	21.18	30	-8.82
1732.5	V	13.85	1.11	4.86	17.60	30	-12.40
QPSK, CH20175 /1732.5MHz, Bandwidth 3MHz							
1732.5	H	17.26	1.11	4.86	21.01	30	-8.99
1732.5	V	13.63	1.11	4.86	17.38	30	-12.62
QPSK, CH20175 /1732.5MHz, Bandwidth 5MHz							
1732.5	H	17.30	1.11	4.86	21.05	30	-8.95
1732.5	V	13.98	1.11	4.86	17.73	30	-12.27
QPSK, CH20175 /1732.5MHz, Bandwidth 10MHz							
1732.5	H	17.36	1.11	4.86	21.11	30	-8.89
1732.5	V	13.69	1.11	4.86	17.44	30	-12.56
QPSK, CH20175 /1732.5MHz, Bandwidth 15MHz							
1732.5	H	17.47	1.11	4.86	21.22	30	-8.78
1732.5	V	13.87	1.11	4.86	17.62	30	-12.38
QPSK, CH20175 /1732.5MHz, Bandwidth 20MHz							
1732.5	H	17.29	1.11	4.86	21.04	30	-8.96
1732.5	V	13.77	1.11	4.86	17.52	30	-12.48

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band4 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
16QAM, CH20175 /1732.5MHz, Bandwidth 1.4MHz							
1732.5	H	16.28	1.11	4.86	20.03	30	-9.97
1732.5	V	12.69	1.11	4.86	16.44	30	-13.56
16QAM, CH20175 /1732.5MHz, Bandwidth 3MHz							
1732.5	H	16.28	1.11	4.86	20.03	30	-9.97
1732.5	V	12.44	1.11	4.86	16.19	30	-13.81
16QAM, CH20175 /1732.5MHz, Bandwidth 5MHz							
1732.5	H	16.42	1.11	4.86	20.17	30	-9.83
1732.5	V	12.78	1.11	4.86	16.53	30	-13.47
16QAM, CH20175 /1732.5MHz, Bandwidth 10MHz							
1732.5	H	16.48	1.11	4.86	20.23	30	-9.77
1732.5	V	12.57	1.11	4.86	16.32	30	-13.68
16QAM, CH20175 /1732.5MHz, Bandwidth 15MHz							
1732.5	H	16.40	1.11	4.86	20.15	30	-9.85
1732.5	V	12.74	1.11	4.86	16.49	30	-13.51
16QAM, CH20175 /1732.5MHz, Bandwidth 20MHz							
1732.5	H	16.39	1.11	4.86	20.14	30	-9.86
1732.5	V	12.54	1.11	4.86	16.29	30	-13.71

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band4 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH20393 / 1754.3MHz, Bandwidth 1.4MHz							
1754.3	H	17.08	1.11	4.81	20.78	30	-9.22
1754.3	V	11.15	1.11	4.81	14.85	30	-15.15
QPSK, CH20385 / 1753.5MHz, Bandwidth 3MHz							
1753.5	H	17.01	1.11	4.81	20.71	30	-9.29
1753.5	V	11.28	1.11	4.81	14.98	30	-15.02
QPSK, CH20375 / 1752.5MHz, Bandwidth 5MHz							
1752.5	H	16.93	1.11	4.81	20.63	30	-9.37
1752.5	V	11.47	1.11	4.81	15.17	30	-14.83
QPSK, CH20350 / 1750MHz, Bandwidth 10MHz							
1750	H	17.19	1.11	4.81	20.89	30	-9.11
1750	V	11.94	1.11	4.81	15.64	30	-14.36
QPSK, CH20325 / 1747.5MHz, Bandwidth 15MHz							
1747.5	H	17.24	1.11	4.81	20.94	30	-9.06
1747.5	V	12.19	1.11	4.81	15.89	30	-14.11
QPSK, CH20300 / 1745MHz, Bandwidth 20MHz							
1745	H	17.42	1.11	4.81	21.12	30	-8.88
1745	V	12.45	1.11	4.81	16.15	30	-13.85

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band4 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
16QAM, CH20393 / 1754.3MHz, Bandwidth 1.4MHz							
1754.3	H	15.88	1.11	4.81	19.58	30	-10.42
1754.3	V	10.02	1.11	4.81	13.72	30	-16.28
16QAM, CH20385 / 1753.5MHz, Bandwidth 3MHz							
1753.5	H	15.87	1.11	4.81	19.57	30	-10.43
1753.5	V	10.07	1.11	4.81	13.77	30	-16.23
16QAM, CH20375 / 1752.5MHz, Bandwidth 5MHz							
1752.5	H	15.78	1.11	4.81	19.48	30	-10.52
1752.5	V	10.51	1.11	4.81	14.21	30	-15.79
16QAM, CH20350 / 1750MHz, Bandwidth 10MHz							
1750	H	16.06	1.11	4.81	19.76	30	-10.24
1750	V	10.83	1.11	4.81	14.53	30	-15.47
16QAM, CH20325 / 1747.5MHz, Bandwidth 15MHz							
1747.5	H	16.14	1.11	4.81	19.84	30	-10.16
1747.5	V	10.63	1.11	4.81	14.33	30	-15.67
16QAM, CH20300 / 1745MHz, Bandwidth 20MHz							
1745	H	16.61	1.11	4.81	20.31	30	-9.69
1745	V	11.52	1.11	4.81	15.22	30	-14.78

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band5 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH20407 / 824.7MHz, Bandwidth 1.4MHz							
824.7	H	5.20	0.88	7.53	11.85	38.5	-26.65
824.7	V	11.35	0.88	7.53	18.00	38.5	-20.50
QPSK, CH20415 / 825.5MHz, Bandwidth 3MHz							
825.5	H	5.31	0.88	7.53	11.96	38.5	-26.54
825.5	V	11.24	0.88	7.53	17.89	38.5	-20.61
QPSK, CH20425 / 826.5MHz, Bandwidth 5MHz							
826.5	H	5.43	0.88	7.53	12.08	38.5	-26.42
826.5	V	11.27	0.88	7.53	17.92	38.5	-20.58
QPSK, CH20450 / 829MHz, Bandwidth 10MHz							
829	H	5.40	0.88	7.53	12.05	38.5	-26.45
829	V	11.03	0.88	7.53	17.68	38.5	-20.82
16QAM, CH20407 / 824.7MHz, Bandwidth 1.4MHz							
824.7	H	4.03	0.88	7.53	10.68	38.5	-27.82
824.7	V	10.23	0.88	7.53	16.88	38.5	-21.62
16QAM, CH20415 / 825.5MHz, Bandwidth 3MHz							
825.5	H	4.19	0.88	7.53	10.84	38.5	-27.66
825.5	V	10.01	0.88	7.53	16.66	38.5	-21.84
16QAM, CH20425 / 826.5MHz, Bandwidth 5MHz							
826.5	H	4.27	0.88	7.53	10.92	38.5	-27.58
826.5	V	9.94	0.88	7.53	16.59	38.5	-21.91
16QAM, CH20450 / 829MHz, Bandwidth 10MHz							
829	H	4.03	0.88	7.53	10.68	38.5	-27.82
829	V	9.79	0.88	7.53	16.44	38.5	-22.06

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band5 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH20525 / 836.5MHz, Bandwidth 1.4MHz							
836.5	H	5.05	0.88	7.53	11.70	38.5	-26.80
836.5	V	10.52	0.88	7.53	17.17	38.5	-21.33
QPSK, CH20525 / 836.5MHz, Bandwidth 3MHz							
836.5	H	4.93	0.88	7.53	11.58	38.5	-26.92
836.5	V	10.36	0.88	7.53	17.01	38.5	-21.49
QPSK, CH20525 / 836.5MHz, Bandwidth 5MHz							
836.5	H	5.02	0.88	7.53	11.67	38.5	-26.83
836.5	V	10.55	0.88	7.53	17.20	38.5	-21.30
QPSK, CH20525 / 836.5MHz, Bandwidth 10MHz							
836.5	H	4.91	0.88	7.53	11.56	38.5	-26.94
836.5	V	5.40	0.88	7.53	12.05	38.5	-26.45
16QAM, CH20525 / 836.5MHz, Bandwidth 1.4MHz							
836.5	H	3.90	0.88	7.53	10.55	38.5	-27.95
836.5	V	9.37	0.88	7.53	16.02	38.5	-22.48
16QAM, CH20525 / 836.5MHz, Bandwidth 3MHz							
836.5	H	3.79	0.88	7.53	10.44	38.5	-28.06
836.5	V	9.50	0.88	7.53	16.15	38.5	-22.35
16QAM, CH20525 / 836.5MHz, Bandwidth 5MHz							
836.5	H	3.64	0.88	7.53	10.29	38.5	-28.21
836.5	V	9.46	0.88	7.53	16.11	38.5	-22.39
16QAM, CH20525 / 836.5MHz, Bandwidth 10MHz							
836.5	H	3.73	0.88	7.53	10.38	38.5	-28.12
836.5	V	4.02	0.88	7.53	10.67	38.5	-27.83

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band5 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH20643 / 848.3MHz, Bandwidth 1.4MHz							
848.3	H	4.19	0.88	7.54	10.85	38.5	-27.65
848.3	V	9.07	0.88	7.54	15.73	38.5	-22.77
QPSK, CH20635 / 847.5MHz, Bandwidth 3MHz							
847.5	H	4.02	0.88	7.54	10.68	38.5	-27.82
847.5	V	8.93	0.88	7.54	15.59	38.5	-22.91
QPSK, CH20625 / 846.5MHz, Bandwidth 5MHz							
846.5	H	3.37	0.88	7.54	10.03	38.5	-28.47
846.5	V	8.68	0.88	7.54	15.34	38.5	-23.16
QPSK, CH20600 / 844MHz, Bandwidth 10MHz							
844	H	2.94	0.88	7.54	9.60	38.5	-28.90
844	V	8.07	0.88	7.54	14.73	38.5	-23.77
16QAM, CH20643 / 848.3MHz, Bandwidth 1.4MHz							
848.3	H	2.93	0.88	7.54	9.59	38.5	-28.91
848.3	V	7.85	0.88	7.54	14.51	38.5	-23.99
16QAM, CH20635 / 847.5MHz, Bandwidth 3MHz							
847.5	H	2.83	0.88	7.54	9.49	38.5	-29.01
847.5	V	7.72	0.88	7.54	14.38	38.5	-24.12
16QAM, CH20625 / 846.5MHz, Bandwidth 5MHz							
846.5	H	2.36	0.88	7.54	9.02	38.5	-29.48
846.5	V	7.45	0.88	7.54	14.11	38.5	-24.39
16QAM, CH20600 / 844MHz, Bandwidth 10MHz							
844	H	2.26	0.88	7.54	8.92	38.5	-29.58
844	V	6.72	0.88	7.54	13.38	38.5	-25.12

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band12 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH23017 / 699.7MHz, Bandwidth 1.4MHz							
699.7	H	-0.10	0.84	7.40	6.46	34.8	-28.34
699.7	V	6.41	0.84	7.40	12.97	34.8	-21.83
QPSK, CH23025 / 700.5MHz, Bandwidth 3MHz							
700.5	H	-0.21	0.84	7.40	6.35	34.8	-28.45
700.5	V	6.20	0.84	7.40	12.76	34.8	-22.04
QPSK, CH23035 / 701.5MHz, Bandwidth 5MHz							
701.5	H	-0.43	0.84	7.40	6.13	34.8	-28.67
701.5	V	6.00	0.84	7.40	12.56	34.8	-22.24
QPSK, CH23060 / 704MHz, Bandwidth 10MHz							
704	H	-1.06	0.84	7.40	5.50	34.8	-29.30
704	V	5.64	0.84	7.40	12.20	34.8	-22.60
16QAM, CH23017 / 699.7MHz, Bandwidth 1.4MHz							
699.7	H	-1.32	0.84	7.40	5.24	34.8	-29.56
699.7	V	5.33	0.84	7.40	11.89	34.8	-22.91
16QAM, CH23025 / 700.5MHz, Bandwidth 3MHz							
700.5	H	-1.35	0.84	7.40	5.21	34.8	-29.59
700.5	V	5.10	0.84	7.40	11.66	34.8	-23.14
16QAM, CH23035 / 701.5MHz, Bandwidth 5MHz							
701.5	H	-1.46	0.84	7.40	5.10	34.8	-29.70
701.5	V	4.57	0.84	7.40	11.13	34.8	-23.67
16QAM, CH23060 / 704MHz, Bandwidth 10MHz							
704	H	-1.68	0.84	7.40	4.88	34.8	-29.92
704	V	4.86	0.84	7.40	11.42	34.8	-23.38

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band12 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH23095 / 707.5MHz, Bandwidth 1.4MHz							
707.5	H	0.23	0.84	7.43	6.82	34.8	-27.98
707.5	V	7.33	0.84	7.43	13.92	34.8	-20.88
QPSK, CH23095 / 707.5MHz, Bandwidth 3MHz							
707.5	H	0.04	0.84	7.43	6.63	34.8	-28.17
707.5	V	7.16	0.84	7.43	13.75	34.8	-21.05
QPSK, CH23095 / 707.5MHz, Bandwidth 5MHz							
707.5	H	-0.18	0.84	7.43	6.41	34.8	-28.39
707.5	V	6.87	0.84	7.43	13.46	34.8	-21.34
QPSK, CH23095 / 707.5MHz, Bandwidth 10MHz							
707.5	H	0.30	0.84	7.43	6.89	34.8	-27.91
707.5	V	5.90	0.84	7.43	12.49	34.8	-22.31
16QAM, CH23095 / 707.5MHz, Bandwidth 1.4MHz							
707.5	H	-0.82	0.84	7.43	5.77	34.8	-29.03
707.5	V	6.10	0.84	7.43	12.69	34.8	-22.11
16QAM, CH23095 / 707.5MHz, Bandwidth 3MHz							
707.5	H	-1.00	0.84	7.43	5.59	34.8	-29.21
707.5	V	6.13	0.84	7.43	12.72	34.8	-22.08
16QAM, CH23095 / 707.5MHz, Bandwidth 5MHz							
707.5	H	-1.09	0.84	7.43	5.50	34.8	-29.30
707.5	V	5.53	0.84	7.43	12.12	34.8	-22.68
16QAM, CH23095 / 707.5MHz, Bandwidth 10MHz							
707.5	H	-1.05	0.84	7.43	5.54	34.8	-29.26
707.5	V	4.62	0.84	7.43	11.21	34.8	-23.59

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band12 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH23173 / 715.3MHz, Bandwidth 1.4MHz							
715.3	H	-2.25	0.84	7.48	4.39	34.8	-30.41
715.3	V	4.80	0.84	7.48	11.44	34.8	-23.36
QPSK, CH23165 / 714.5MHz, Bandwidth 3MHz							
714.5	H	-2.52	0.84	7.48	4.12	34.8	-30.68
714.5	V	4.12	0.84	7.48	10.76	34.8	-24.04
QPSK, CH23155 / 713.5MHz, Bandwidth 5MHz							
713.5	H	-3.93	0.84	7.48	2.71	34.8	-32.09
713.5	V	3.10	0.84	7.48	9.74	34.8	-25.06
QPSK, CH23130 / 711MHz, Bandwidth 10MHz							
711	H	-2.77	0.84	7.48	3.87	34.8	-30.93
711	V	4.30	0.84	7.48	10.94	34.8	-23.86
16QAM, CH23173 / 715.3MHz, Bandwidth 1.4MHz							
715.3	H	-3.33	0.84	7.48	3.31	34.8	-31.49
715.3	V	3.59	0.84	7.48	10.23	34.8	-24.57
16QAM, CH23165 / 714.5MHz, Bandwidth 3MHz							
714.5	H	-3.22	0.84	7.48	3.42	34.8	-31.38
714.5	V	3.29	0.84	7.48	9.93	34.8	-24.87
16QAM, CH23155 / 713.5MHz, Bandwidth 5MHz							
713.5	H	-4.62	0.84	7.48	2.02	34.8	-32.78
713.5	V	1.92	0.84	7.48	8.56	34.8	-26.24
16QAM, CH23130 / 711MHz, Bandwidth 10MHz							
711	H	-3.62	0.84	7.48	3.02	34.8	-31.78
711	V	3.39	0.84	7.48	10.03	34.8	-24.77

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band17 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH23755 / 706.5MHz, Bandwidth 5MHz							
706.5	H	0.38	0.84	7.43	6.97	34.8	-27.83
706.5	V	6.28	0.84	7.43	12.87	34.8	-21.93
QPSK, CH23780 / 709MHz, Bandwidth 10MHz							
709	H	0.12	0.84	7.43	6.71	34.8	-28.09
709	V	5.98	0.84	7.43	12.57	34.8	-22.23
16QAM, CH23755 / 706.5MHz, Bandwidth 5MHz							
706.5	H	-0.93	0.84	7.43	5.66	34.8	-29.14
706.5	V	4.99	0.84	7.43	11.58	34.8	-23.22
16QAM, CH23780 / 709MHz, Bandwidth 10MHz							
709	H	-1.01	0.84	7.43	5.58	34.8	-29.22
709	V	4.69	0.84	7.43	11.28	34.8	-23.52

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band17 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH23790 / 710MHz, Bandwidth 5MHz							
710	H	0.00	0.84	7.45	6.61	34.8	-28.19
710	V	6.17	0.84	7.45	12.78	34.8	-22.02
QPSK, CH23790 / 710MHz, Bandwidth 10MHz							
710	H	0.60	0.84	7.45	7.21	34.8	-27.59
710	V	6.60	0.84	7.45	13.21	34.8	-21.59
16QAM, CH23790 / 710MHz, Bandwidth 5MHz							
710	H	-1.13	0.84	7.45	5.48	34.8	-29.32
710	V	4.97	0.84	7.45	11.58	34.8	-23.22
16QAM, CH23790 / 710MHz, Bandwidth 10MHz							
710	H	0.06	0.84	7.45	6.67	34.8	-28.13
710	V	5.42	0.84	7.45	12.03	34.8	-22.77

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band17 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH23825 / 713.5MHz, Bandwidth 5MHz							
713.5	H	-0.37	0.84	7.48	6.27	34.8	-28.53
713.5	V	5.56	0.84	7.48	12.20	34.8	-22.60
QPSK, CH23800 / 711MHz, Bandwidth 10MHz							
711	H	1.33	0.84	7.48	7.97	34.8	-26.83
711	V	6.97	0.84	7.48	13.61	34.8	-21.19
16QAM, CH23825 / 713.5MHz, Bandwidth 5MHz							
713.5	H	-0.96	0.84	7.48	5.68	34.8	-29.12
713.5	V	4.39	0.84	7.48	11.03	34.8	-23.77
16QAM, CH23800 / 711MHz, Bandwidth 10MHz							
711	H	0.04	0.84	7.48	6.68	34.8	-28.12
711	V	5.80	0.84	7.48	12.44	34.8	-22.36

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band38 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH37775 / 2572.5MHz, Bandwidth 5MHz							
2572.5	H	13.66	1.14	5.60	18.12	33	-14.88
2572.5	V	9.72	1.14	5.60	14.18	33	-18.82
QPSK, CH37800 / 2575MHz, Bandwidth 10MHz							
2575	H	13.30	1.14	5.60	17.76	33	-15.24
2575	V	9.60	1.14	5.60	14.06	33	-18.94
QPSK, CH37825 / 2577.5MHz, Bandwidth 15MHz							
2577.5	H	13.37	1.14	5.60	17.83	33	-15.17
2577.5	V	9.67	1.14	5.60	14.13	33	-18.87
QPSK, CH37850 / 2580MHz, Bandwidth 20MHz							
2580	H	13.13	1.14	5.60	17.59	33	-15.41
2580	V	9.56	1.14	5.60	14.02	33	-18.98
16QAM, CH37775 / 2572.5MHz, Bandwidth 5MHz							
2572.5	H	12.63	1.14	5.60	17.09	33	-15.91
2572.5	V	8.85	1.14	5.60	13.31	33	-19.69
16QAM, CH37800 / 2575MHz, Bandwidth 10MHz							
2575	H	11.77	1.14	5.60	16.23	33	-16.77
2575	V	8.66	1.14	5.60	13.12	33	-19.88
16QAM, CH37825 / 2577.5MHz, Bandwidth 15MHz							
2577.5	H	12.18	1.14	5.60	16.64	33	-16.36
2577.5	V	8.57	1.14	5.60	13.03	33	-19.97
16QAM, CH37850 / 2580MHz, Bandwidth 20MHz							
2580	H	11.87	1.14	5.60	16.33	33	-16.67
2580	V	8.65	1.14	5.60	13.11	33	-19.89

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band38 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH38000 / 2595MHz, Bandwidth 5MHz							
2595	H	11.31	1.14	5.87	16.04	33	-16.96
2595	V	8.93	1.14	5.87	13.66	33	-19.34
QPSK, CH38000 / 2595MHz, Bandwidth 10MHz							
2595	H	11.38	1.14	5.87	16.11	33	-16.89
2595	V	9.02	1.14	5.87	13.75	33	-19.25
QPSK, CH38000 / 2595MHz, Bandwidth 15MHz							
2595	H	11.30	1.14	5.87	16.03	33	-16.97
2595	V	8.86	1.14	5.87	13.59	33	-19.41
QPSK, CH38000 / 2595MHz, Bandwidth 20MHz							
2595	H	11.13	1.14	5.87	15.86	33	-17.14
2595	V	8.72	1.14	5.87	13.45	33	-19.55
16QAM, CH38000 / 2595MHz, Bandwidth 5MHz							
2595	H	10.41	1.14	5.87	15.14	33	-17.86
2595	V	7.74	1.14	5.87	12.47	33	-20.53
16QAM, CH38000 / 2595MHz, Bandwidth 10MHz							
2595	H	10.34	1.14	5.87	15.07	33	-17.93
2595	V	7.86	1.14	5.87	12.59	33	-20.41
16QAM, CH38000 / 2595MHz, Bandwidth 15MHz							
2595	H	10.53	1.14	5.87	15.26	33	-17.74
2595	V	7.69	1.14	5.87	12.42	33	-20.58
16QAM, CH38000 / 2595MHz, Bandwidth 20MHz							
2595	H	9.89	1.14	5.87	14.62	33	-18.38
2595	V	7.56	1.14	5.87	12.29	33	-20.71

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band38 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH38225 / 2617.5MHz, Bandwidth 5MHz							
2617.5	H	10.29	1.15	5.78	14.92	33	-18.08
2617.5	V	6.65	1.15	5.78	11.28	33	-21.72
QPSK, CH38200 / 2615MHz, Bandwidth 10MHz							
2615	H	10.36	1.15	5.78	14.99	33	-18.01
2615	V	6.92	1.15	5.78	11.55	33	-21.45
QPSK, CH38175 / 2612.5MHz, Bandwidth 15MHz							
2612.5	H	10.24	1.15	5.78	14.87	33	-18.13
2612.5	V	6.75	1.15	5.78	11.38	33	-21.62
QPSK, CH38150 / 2610MHz, Bandwidth 20MHz							
2610	H	10.97	1.15	5.78	15.60	33	-17.40
2610	V	6.94	1.15	5.78	11.57	33	-21.43
16QAM, CH38225 / 2617.5MHz, Bandwidth 5MHz							
2617.5	H	9.16	1.15	5.78	13.79	33	-19.21
2617.5	V	5.54	1.15	5.78	10.17	33	-22.83
16QAM, CH38200 / 2615MHz, Bandwidth 10MHz							
2615	H	9.01	1.15	5.78	13.64	33	-19.36
2615	V	5.65	1.15	5.78	10.28	33	-22.72
16QAM, CH38175 / 2612.5MHz, Bandwidth 15MHz							
2612.5	H	8.94	1.15	5.78	13.57	33	-19.43
2612.5	V	5.56	1.15	5.78	10.19	33	-22.81
16QAM, CH38150 / 2610MHz, Bandwidth 20MHz							
2610	H	9.76	1.15	5.78	14.39	33	-18.61
2610	V	5.70	1.15	5.78	10.33	33	-22.67

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band41 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH40265 / 2557.5MHz, Bandwidth 5MHz							
2557.5	H	8.67	1.14	5.60	13.13	33	-19.87
2557.5	V	12.18	1.14	5.60	16.64	33	-16.36
QPSK, CH40290 / 2560MHz, Bandwidth 10MHz							
2560	H	8.86	1.14	5.60	13.32	33	-19.68
2560	V	12.34	1.14	5.60	16.80	33	-16.20
QPSK, CH40315 / 2562.5MHz, Bandwidth 15MHz							
2562.5	H	8.80	1.14	5.60	13.26	33	-19.74
2562.5	V	12.12	1.14	5.60	16.58	33	-16.42
QPSK, CH40340 / 2565MHz, Bandwidth 20MHz							
2565	H	8.60	1.14	5.60	13.06	33	-19.94
2565	V	11.61	1.14	5.60	16.07	33	-16.93
16QAM, CH40265 / 2557.5MHz, Bandwidth 5MHz							
2557.5	H	7.59	1.14	5.60	12.05	33	-20.95
2557.5	V	10.98	1.14	5.60	15.44	33	-17.56
16QAM, CH40290 / 2560MHz, Bandwidth 10MHz							
2560	H	7.73	1.14	5.60	12.19	33	-20.81
2560	V	11.22	1.14	5.60	15.68	33	-17.32
16QAM, CH40315 / 2562.5MHz, Bandwidth 15MHz							
2562.5	H	7.70	1.14	5.60	12.16	33	-20.84
2562.5	V	10.93	1.14	5.60	15.39	33	-17.61
16QAM, CH40340 / 2565MHz, Bandwidth 20MHz							
2565	H	7.68	1.14	5.60	12.14	33	-20.86
2565	V	10.76	1.14	5.60	15.22	33	-17.78

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band41 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH40740 / 2605MHz, Bandwidth 5MHz							
2605	H	8.89	1.14	5.87	13.62	33	-19.38
2605	V	10.66	1.14	5.87	15.39	33	-17.61
QPSK, CH40740 / 2605MHz, Bandwidth 10MHz							
2605	H	9.05	1.14	5.87	13.78	33	-19.22
2605	V	10.29	1.14	5.87	15.02	33	-17.98
QPSK, CH40740 / 2605MHz, Bandwidth 15MHz							
2605	H	8.82	1.14	5.87	13.55	33	-19.45
2605	V	10.48	1.14	5.87	15.21	33	-17.79
QPSK, CH40740 / 2605MHz, Bandwidth 20MHz							
2605	H	8.42	1.14	5.87	13.15	33	-19.85
2605	V	10.92	1.14	5.87	15.65	33	-17.35
16QAM, CH40740 / 2605MHz, Bandwidth 5MHz							
2605	H	7.85	1.14	5.87	12.58	33	-20.42
2605	V	9.43	1.14	5.87	14.16	33	-18.84
16QAM, CH40740 / 2605MHz, Bandwidth 10MHz							
2605	H	7.76	1.14	5.87	12.49	33	-20.51
2605	V	9.50	1.14	5.87	14.23	33	-18.77
16QAM, CH40740 / 2605MHz, Bandwidth 15MHz							
2605	H	7.78	1.14	5.87	12.51	33	-20.49
2605	V	9.46	1.14	5.87	14.19	33	-18.81
16QAM, CH40740 / 2605MHz, Bandwidth 20MHz							
2605	H	7.32	1.14	5.87	12.05	33	-20.95
2605	V	9.78	1.14	5.87	14.51	33	-18.49

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band41 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH41215 / 2652.5MHz, Bandwidth 5MHz							
2652.5	H	5.69	1.15	5.78	10.32	33	-22.68
2652.5	V	11.36	1.15	5.78	15.99	33	-17.01
QPSK, CH41190 / 2650MHz, Bandwidth 10MHz							
2650	H	5.82	1.15	5.78	10.45	33	-22.55
2650	V	11.40	1.15	5.78	16.03	33	-16.97
QPSK, CH41165 / 2647.5MHz, Bandwidth 15MHz							
2647.5	H	5.66	1.15	5.78	10.29	33	-22.71
2647.5	V	11.00	1.15	5.78	15.63	33	-17.37
QPSK, CH41140 / 2645MHz, Bandwidth 20MHz							
2645	H	6.13	1.15	5.78	10.76	33	-22.24
2645	V	10.55	1.15	5.78	15.18	33	-17.82
16QAM, CH41215 / 2652.5MHz, Bandwidth 5MHz							
2652.5	H	4.59	1.15	5.78	9.22	33	-23.78
2652.5	V	10.15	1.15	5.78	14.78	33	-18.22
16QAM, CH41190 / 2650MHz, Bandwidth 10MHz							
2650	H	4.51	1.15	5.78	9.14	33	-23.86
2650	V	9.90	1.15	5.78	14.53	33	-18.47
16QAM, CH41165 / 2647.5MHz, Bandwidth 15MHz							
2647.5	H	4.69	1.15	5.78	9.32	33	-23.68
2647.5	V	9.74	1.15	5.78	14.37	33	-18.63
16QAM, CH41140 / 2645MHz, Bandwidth 20MHz							
2645	H	4.86	1.15	5.78	9.49	33	-23.51
2645	V	9.45	1.15	5.78	14.08	33	-18.92

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Radiated Spurious Emission

LTE Band2							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH18700 / 1860MHz, Bandwidth 20MHz							
3720	H	-41.67	1.36	7.95	-35.08	-13	-22.08
5580	H	-44.51	1.79	10.10	-36.20	-13	-23.20
7440	H	-49.34	1.72	11.72	-39.34	-13	-26.34
3720	V	-51.20	1.36	7.95	-44.61	-13	-31.61
5580	V	-48.72	1.79	10.10	-40.41	-13	-27.41
7440	V	-54.04	1.72	11.72	-44.04	-13	-31.04
QPSK, CH18900 / 1880MHz, Bandwidth 20MHz							
3760	H	-35.32	1.36	7.95	-28.73	-13	-15.73
5640	H	-46.56	1.79	10.10	-38.25	-13	-25.25
7520	H	-48.34	1.72	11.72	-38.34	-13	-25.34
3760	V	-48.38	1.36	7.95	-41.79	-13	-28.79
5640	V	-50.10	1.79	10.10	-41.79	-13	-28.79
7520	V	-51.38	1.72	11.72	-41.38	-13	-28.38
QPSK, CH19100 / 1900MHz, Bandwidth 20MHz							
3760	H	-38.67	1.36	7.95	-32.08	-13	-19.08
5640	H	-47.21	1.79	10.10	-38.90	-13	-25.90
7520	H	-47.66	1.72	11.72	-37.66	-13	-24.66
3760	V	-49.77	1.36	7.95	-43.18	-13	-30.18
5640	V	-50.39	1.79	10.10	-42.08	-13	-29.08
7520	V	-51.90	1.72	11.72	-41.90	-13	-28.90

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBi)

LTE Band4							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH20050 / 1720MHz, Bandwidth 20MHz							
3440	H	-48.77	1.33	7.65	-42.45	-13	-29.45
5160	H	-52.13	1.68	9.88	-43.93	-13	-30.93
6880	H	-45.86	1.81	11.15	-36.52	-13	-23.52
3440	V	-50.48	1.33	7.65	-44.16	-13	-31.16
5160	V	-56.33	1.68	9.88	-48.13	-13	-35.13
6880	V	-54.34	1.81	11.15	-45.00	-13	-32.00
QPSK, CH20175 /1732.5MHz, Bandwidth 20MHz							
3465	H	-48.66	1.33	7.65	-42.34	-13	-29.34
5197.5	H	-53.63	1.68	9.88	-45.43	-13	-32.43
6930	H	-44.43	1.81	11.15	-35.09	-13	-22.09
3465	V	-51.30	1.33	7.65	-44.98	-13	-31.98
5197.5	V	-57.01	1.68	9.88	-48.81	-13	-35.81
6930	V	-51.42	1.81	11.15	-42.08	-13	-29.08
QPSK, CH20300 / 1745MHz, Bandwidth 20MHz							
3490	H	-48.19	1.33	7.65	-41.87	-13	-28.87
5235	H	-53.65	1.68	9.88	-45.45	-13	-32.45
6980	H	-45.12	1.81	11.15	-35.78	-13	-22.78
3490	V	-51.54	1.33	7.65	-45.22	-13	-32.22
5235	V	-57.30	1.68	9.88	-49.10	-13	-36.10
6980	V	-56.35	1.81	11.15	-47.01	-13	-34.01

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBi)