

LTE Band 38

BW (MHz)	Ch	Freq. (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)
20MHz	37850	2580.0	QPSK	1	0	0	22.66
				1	49	0	22.30
				1	99	0	22.34
				50	0	1	21.54
				50	25	1	21.55
				50	49	1	21.40
				100	0	1	21.46
			16QAM	1	0	1	21.79
				1	49	1	21.43
				1	99	1	21.39
				50	0	2	20.57
				50	25	2	20.50
				50	49	2	20.43
				100	0	2	20.46
	38000	2595	QPSK	1	0	0	22.16
				1	49	0	22.32
				1	99	0	22.35
				50	0	1	21.18
				50	25	1	21.19
				50	49	1	21.25
				100	0	1	21.24
			16QAM	1	0	1	21.24
				1	49	1	21.21
				1	99	1	21.35
				50	0	2	20.23
				50	25	2	20.25
				50	49	2	20.32
				100	0	2	20.27
	38150	2610.0	QPSK	1	0	0	22.21
				1	49	0	22.35
				1	99	0	22.24
				50	0	1	21.36
				50	25	1	21.40
				50	49	1	21.42
				100	0	1	21.42
			16QAM	1	0	1	21.19
				1	49	1	21.39
				1	99	1	21.36
				50	0	2	20.39
				50	25	2	20.40
				50	49	2	20.43
				100	0	2	20.39

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BW (MHz)	Ch	Freq. (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)
15MHz	37825	2577.5	QPSK	1	0	0	22.58
				1	38	0	22.33
				1	74	0	22.26
				38	0	1	21.90
				38	18	1	21.56
				38	37	1	21.54
				75	0	1	21.40
			16QAM	1	0	1	21.91
				1	38	1	22.26
				1	74	1	21.56
				38	0	2	21.88
				38	18	2	21.52
				38	37	2	21.49
				75	0	2	20.47
	38000	2595	QPSK	1	0	0	22.18
				1	38	0	22.22
				1	74	0	22.30
				38	0	1	21.26
				38	18	1	21.46
				38	37	1	21.32
				75	0	1	21.20
			16QAM	1	0	1	21.20
				1	38	1	21.30
				1	74	1	21.37
				38	0	2	21.27
				38	18	2	21.31
				38	37	2	21.33
				75	0	2	20.18
	38175	2612.5	QPSK	1	0	0	22.24
				1	38	0	22.38
				1	74	0	22.19
				38	0	1	21.58
				38	18	1	21.41
				38	37	1	21.61
				75	0	1	21.42
			16QAM	1	0	1	21.64
				1	38	1	21.59
				1	74	1	21.62
				38	0	2	21.64
				38	18	2	21.58
				38	37	2	21.43
				75	0	2	20.47

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BW (MHz)	Ch	Freq. (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)
10MHz	37800	2575.0	QPSK	1	0	0	22.70
				1	24	0	22.46
				1	49	0	22.34
				25	0	1	21.72
				25	12	1	21.69
				25	25	1	21.50
				50	0	1	21.65
			16QAM	1	0	1	21.84
				1	24	1	21.65
				1	49	1	21.47
				25	0	2	20.69
				25	12	2	20.73
				25	25	2	20.55
				50	0	2	20.66
	38000	2595.0	QPSK	1	0	0	22.26
				1	24	0	22.34
				1	49	0	22.20
				25	0	1	21.30
				25	12	1	21.30
				25	25	1	21.37
				50	0	1	21.29
			16QAM	1	0	1	21.22
				1	24	1	21.22
				1	49	1	21.23
				25	0	2	20.32
				25	12	2	20.32
				25	25	2	20.30
				50	0	2	20.34
	38200	2615.0	QPSK	1	0	0	22.31
				1	24	0	22.28
				1	49	0	22.25
				25	0	1	21.57
				25	12	1	21.56
				25	25	1	21.51
				50	0	1	21.58
			16QAM	1	0	1	21.17
				1	24	1	21.11
				1	49	1	21.19
				25	0	2	20.61
				25	12	2	20.67
				25	25	2	20.59
				50	0	2	20.55

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BW (MHz)	Ch	Freq. (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)
5MHz	37775	2572.5	QPSK	1	0	0	22.88
				1	12	0	22.78
				1	24	0	22.58
				12	0	1	21.81
				12	6	1	21.81
				12	13	1	21.71
				25	0	1	21.72
			16QAM	1	0	1	21.86
				1	12	1	21.70
				1	24	1	21.59
				12	0	2	20.75
				12	6	2	20.74
				12	13	2	20.63
				25	0	2	20.73
	38000	2595	QPSK	1	0	0	22.20
				1	12	0	22.15
				1	24	0	22.17
				12	0	1	21.37
				12	6	1	21.37
				12	13	1	21.30
				25	0	1	21.31
			16QAM	1	0	1	21.14
				1	12	1	21.32
				1	24	1	21.28
				12	0	2	20.44
				12	6	2	20.43
				12	13	2	20.39
				25	0	2	20.30
	38225	2617.5	QPSK	1	0	0	22.50
				1	12	0	22.37
				1	24	0	22.38
				12	0	1	21.55
				12	6	1	21.54
				12	13	1	21.48
				25	0	1	21.50
			16QAM	1	0	1	21.49
				1	12	1	21.41
				1	24	1	21.32
				12	0	2	20.59
				12	6	2	20.53
				12	13	2	20.46
				25	0	2	20.57

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LTE Band 40-Lower Side

BW (MHz)	Ch	Freq. (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)
10MHz	38750	2310	QPSK	1	0	0	23.11
				1	24	0	22.90
				1	49	0	22.53
				25	0	1	22.05
				25	12	1	22.04
				25	25	1	21.73
				50	0	1	21.96
			16QAM	1	0	1	21.97
				1	24	1	21.77
				1	49	1	21.39
				25	0	2	21.06
				25	12	2	21.06
				25	25	2	20.69
				50	0	2	20.97

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BW (MHz)	Ch	Freq. (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)
5MHz	38725	2307.5	QPSK	1	0	0	23.34
				1	12	0	23.25
				1	24	0	23.05
				12	0	1	22.27
				12	6	1	22.29
				12	13	1	22.13
				25	0	1	22.17
			16QAM	1	0	1	22.32
				1	12	1	22.42
				1	24	1	22.02
				12	0	2	21.24
				12	6	2	21.18
				12	13	2	21.08
				25	0	2	21.21
	38750	2310	QPSK	1	0	0	23.11
				1	12	0	22.99
				1	24	0	22.77
				12	0	1	22.11
				12	6	1	22.11
				12	13	1	21.95
				25	0	1	21.99
			16QAM	1	0	1	22.12
				1	12	1	22.15
				1	24	1	22.05
				12	0	2	21.16
				12	6	2	21.18
				12	13	2	21.01
				25	0	2	20.97
	38775	2312.5	QPSK	1	0	0	22.91
				1	12	0	22.74
				1	24	0	22.60
				12	0	1	21.89
				12	6	1	21.92
				12	13	1	21.74
				25	0	1	21.75
			16QAM	1	0	1	21.84
				1	12	1	21.76
				1	24	1	21.54
				12	0	2	20.95
				12	6	2	20.95
				12	13	2	20.81
				25	0	2	20.77

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LTE Band 40-Upper Side

BW (MHz)	Ch	Freq. (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)
10MHz	39200	2355	QPSK	1	0	0	23.22
				1	24	0	23.32
				1	49	0	23.25
				25	0	1	22.35
				25	12	1	22.33
				25	25	1	22.44
				50	0	1	22.35
			16QAM	1	0	1	22.07
				1	24	1	22.18
				1	49	1	22.20
				25	0	2	21.31
				25	12	2	21.35
				25	25	2	21.36
				50	0	2	21.39

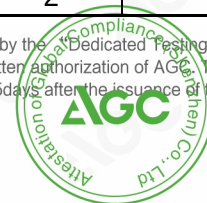
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BW (MHz)	Ch	Freq. (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)
5MHz	39175	2352.5	QPSK	1	0	0	23.30
				1	12	0	23.45
				1	24	0	23.32
				12	0	1	22.26
				12	6	1	22.21
				12	13	1	22.35
				25	0	1	22.22
			16QAM	1	0	1	22.40
				1	12	1	22.54
				1	24	1	22.34
				12	0	2	21.20
				12	6	2	21.12
				12	13	2	21.34
				25	0	2	21.20
	39200	2355	QPSK	1	0	0	23.23
				1	12	0	23.22
				1	24	0	23.16
				12	0	1	22.23
				12	6	1	22.25
				12	13	1	22.26
				25	0	1	22.22
			16QAM	1	0	1	22.35
				1	12	1	22.48
				1	24	1	22.30
				12	0	2	21.24
				12	6	2	21.31
				12	13	2	21.29
				25	0	2	21.22
	39225	2357.5	QPSK	1	0	0	23.17
				1	12	0	23.24
				1	24	0	23.01
				12	0	1	22.20
				12	6	1	22.15
				12	13	1	22.13
				25	0	1	22.16
			16QAM	1	0	1	22.07
				1	12	1	22.15
				1	24	1	21.98
				12	0	2	21.17
				12	6	2	21.19
				12	13	2	21.17
				25	0	2	21.14

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LTE Band 41

BW (MHz)	Ch	Freq. (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)
20MHz	39750	2506.0	QPSK	1	0	0	22.99
				1	49	0	23.24
				1	99	0	23.48
				50	0	1	22.11
				50	25	1	22.13
				50	49	1	22.56
				100	0	1	22.44
			16QAM	1	0	1	22.05
				1	49	1	22.20
				1	99	1	22.51
				50	0	2	21.13
				50	25	2	21.15
				50	49	2	21.58
				100	0	2	21.43
	40620	2593.0	QPSK	1	0	0	22.20
				1	49	0	22.07
				1	99	0	22.18
				50	0	1	21.19
				50	25	1	21.18
				50	49	1	21.18
				100	0	1	21.19
			16QAM	1	0	1	21.16
				1	49	1	21.01
				1	99	1	21.16
				50	0	2	20.21
				50	25	2	20.19
				50	49	2	20.20
				100	0	2	20.19
	41490	2680.0	QPSK	1	0	0	22.20
				1	49	0	21.97
				1	99	0	22.03
				50	0	1	21.10
				50	25	1	21.10
				50	49	1	21.10
				100	0	1	21.14
			16QAM	1	0	1	21.18
				1	49	1	20.93
				1	99	1	21.02
				50	0	2	20.08
				50	25	2	20.09
				50	49	2	20.06
				100	0	2	20.16

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15MHz	39725	2503.5	QPSK	1	0	0	22.99
				1	38	0	23.07
				1	74	0	23.40
				38	0	1	22.23
				38	18	1	22.33
				38	37	1	22.64
				75	0	1	22.28
			16QAM	1	0	1	22.09
				1	38	1	22.30
				1	74	1	22.69
				38	0	2	22.28
				38	18	2	22.31
				38	37	2	22.72
				75	0	2	21.31
	40620	2593.0	QPSK	1	0	0	22.15
				1	38	0	22.03
				1	74	0	22.01
				38	0	1	21.21
				38	18	1	21.13
				38	37	1	21.15
				75	0	1	21.18
			16QAM	1	0	1	21.21
				1	38	1	21.10
				1	74	1	21.20
				38	0	2	21.18
				38	18	2	21.13
				38	37	2	21.22
				75	0	2	20.10
	41515	2682.5	QPSK	1	0	0	21.91
				1	38	0	21.89
				1	74	0	21.98
				38	0	1	21.13
				38	18	1	21.04
				38	37	1	21.06
				75	0	1	20.98
			16QAM	1	0	1	21.02
				1	38	1	21.02
				1	74	1	21.04
				38	0	2	21.02
				38	18	2	21.03
				38	37	2	21.04
				75	0	2	19.96

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10MHz	39700	2501.0	QPSK	1	0	0	23.16
				1	24	0	23.14
				1	49	0	23.34
				25	0	1	22.20
				25	12	1	22.30
				25	25	1	22.40
				50	0	1	22.28
			16QAM	1	0	1	22.31
				1	24	1	22.38
				1	49	1	22.52
				25	0	2	21.28
				25	12	2	21.26
				25	25	2	21.36
				50	0	2	21.33
	40620	2593.0	QPSK	1	0	0	22.07
				1	24	0	22.11
				1	49	0	22.05
				25	0	1	21.24
				25	12	1	21.24
				25	25	1	21.21
				50	0	1	21.28
			16QAM	1	0	1	21.32
				1	24	1	21.17
				1	49	1	21.26
				25	0	2	20.28
				25	12	2	20.28
				25	25	2	20.34
				50	0	2	20.30
	41540	2685.0	QPSK	1	0	0	21.92
				1	24	0	22.02
				1	49	0	21.89
				25	0	1	21.06
				25	12	1	21.01
				25	25	1	21.17
				50	0	1	21.10
			16QAM	1	0	1	20.98
				1	24	1	21.13
				1	49	1	21.18
				25	0	2	20.03
				25	12	2	20.06
				25	25	2	20.25
				50	0	2	20.15

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BW (MHz)	Ch	Freq. (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)
5MHz	39675	2498.5	QPSK	1	0	0	23.28
				1	12	0	23.26
				1	24	0	23.27
				12	0	1	22.28
				12	6	1	22.25
				12	13	1	22.27
				25	0	1	22.23
			16QAM	1	0	1	22.29
				1	12	1	22.23
				1	24	1	22.26
				12	0	2	21.23
				12	6	2	21.20
				12	13	2	21.23
				25	0	2	21.22
	40620	2593.0	QPSK	1	0	0	22.20
				1	12	0	22.32
				1	24	0	22.28
				12	0	1	21.23
				12	6	1	21.24
				12	13	1	21.25
				25	0	1	21.20
			16QAM	1	0	1	21.06
				1	12	1	21.27
				1	24	1	21.15
				12	0	2	20.21
				12	6	2	20.20
				12	13	2	20.21
				25	0	2	20.26
	41565	2687.5	QPSK	1	0	0	22.13
				1	12	0	22.23
				1	24	0	22.19
				12	0	1	21.19
				12	6	1	21.17
				12	13	1	21.19
				25	0	1	21.19
			16QAM	1	0	1	20.98
				1	12	1	21.26
				1	24	1	21.05
				12	0	2	20.15
				12	6	2	20.14
				12	13	2	20.19
				25	0	2	20.19

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8. RADIATED OUTPUT POWER

8.1 PROVISIONS APPLICABLE

The radiation test is carried out in a semi-anechoic chamber.

According to the test, put the device under test on a non-conductive platform 3 meters away from the receiving antenna (ANSI/TIA-603-E-2016 Article 2.2.17).

The following rules are for the maximum radiated power limit requirements of the product:

Mode	Nominal Peak Power
LTE Band 2	< 2 Watts max. EIRP (33dBm)
LTE Band 4	< 1 Watts max. EIRP (30dBm)
LTE Band 5	< 7 Watts max. ERP (38.45dBm)
LTE Band 7	< 2 Watts max. EIRP (33dBm)
LTE Band 38	< 2 Watts max. EIRP (33dBm)
LTE Band 40	< 0.25 Watts max. EIRP (23.98dBm)
LTE Band 41	< 2 Watts max. EIRP (33dBm)

8.2 MEASUREMENT METHOD

1. Radiated power measurements are performed using the signal analyzer's "channel power" measurement capability for signals with continuous operation.
2. RBW = 1 – 5% of the expected OBW, not to exceed 1MHz
3. VBW $\geq$ 3 x RBW
4. Span = 1.5 times the OBW
5. No. of sweep points > 2 x span / RBW
6. Detector = RMS
7. Trigger is set to "free run" for signals with continuous operation with the sweep times set to "auto".
8. The integration bandwidth was roughly set equal to the measured OBW of the signal for signals with continuous operation.
9. Trace mode = trace averaging (RMS) over 100 sweeps
10. The trace was allowed to stabilize.

RADIATION CONSTRUCTION METHOD:

1. The turntable is rotated through 360 degrees, and the receiving antenna scans in order to determine the level of the maximized emission.
2. A half wave dipole is then substituted in place of the EUT. For emissions above 1GHz, a horn antenna is substituted in place of the EUT. The substitute antenna is driven by a signal generator and the previously recorded signal was duplicated.

The power is calculated by the following formula:

$$Pd(\text{dBm}) = Pg(\text{dBm}) - \text{cable loss (dB)} + \text{antenna gain (dB)}$$

Where: Pd is the dipole equivalent power and Pg is the generator output power into the substitution antenna.

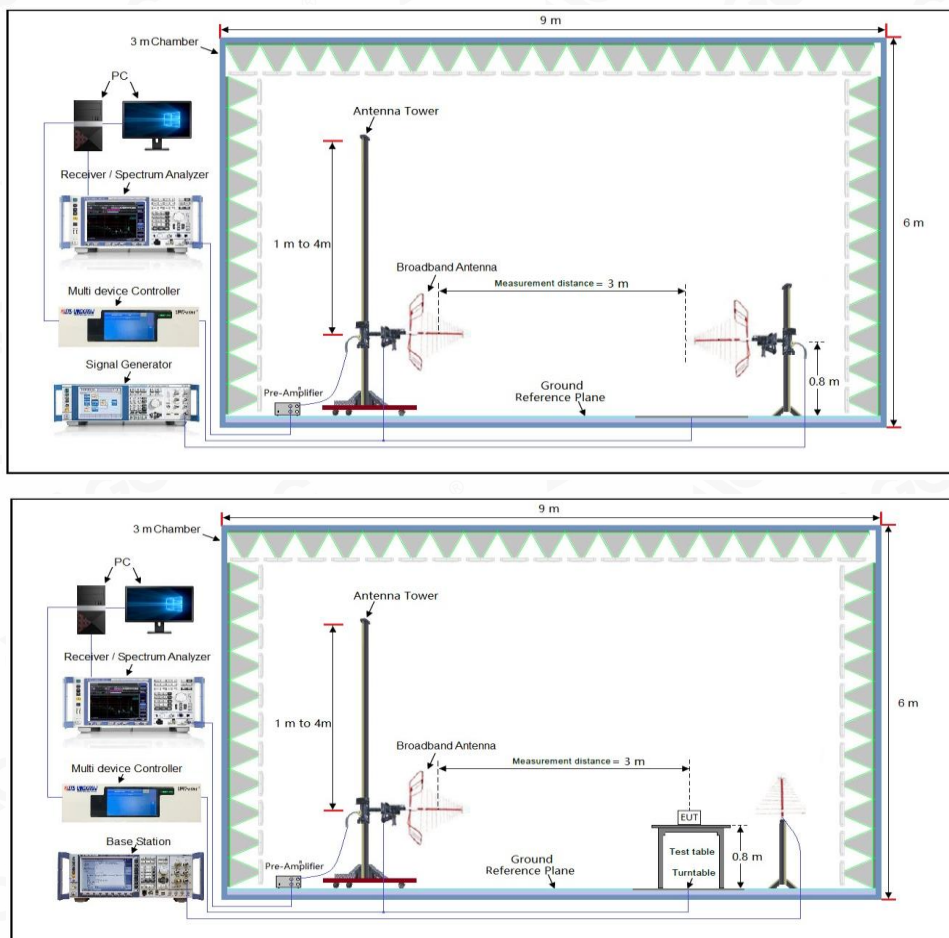
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3. The maximum value is calculated by adding the forward power to the calibrated source plus its appropriate gain value. These steps are repeated with the receiving antenna in both vertical and horizontal polarization. the difference between the gain of the horn and an isotropic antenna are taken into consideration
4. The EUT was tested in three orthogonal planes (X, Y, Z) and in all possible test configurations and positioning.
5. All measurements are performed as RMS average measurements while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies.

8.3 MEASUREMENT SETUP

Radiated Power 30MHz to 1GHz Test setup

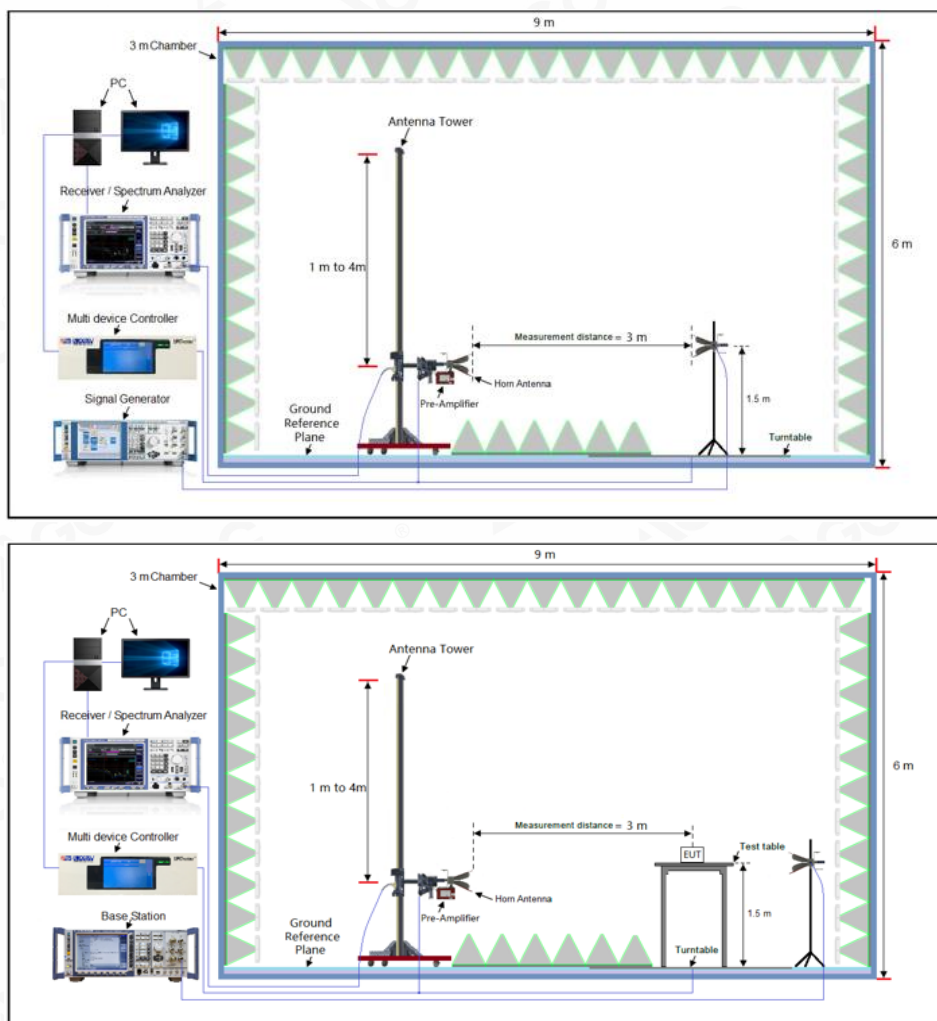


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Radiated Power Above 1GHz Test setup



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8.4 MEASUREMENT RESULT

EIRP for LTE Band 2

Frequency	Channel Bandwidth	Mode.	RB	Substituted level	Antenna Polarization	Antenna Gain correction	Cable Loss	Absolute Level	Limit (dBm)
1850.7	1.4	QPSK	1/0	11.88	V	7.95	0.79	19.04	33
1880.0	1.4	QPSK	1/0	11.04	V	7.95	0.79	18.20	33
1909.3	1.4	QPSK	1/0	11.36	V	7.95	0.79	18.52	33
1850.7	1.4	QPSK	1/0	12.89	H	7.95	0.79	20.05	33
1880.0	1.4	QPSK	1/0	12.25	H	7.95	0.79	19.41	33
1909.3	1.4	QPSK	1/0	12.47	H	7.95	0.79	19.63	33
1850.7	1.4	16-QAM	1/5	10.49	V	7.95	0.79	17.65	33
1880.0	1.4	16-QAM	1/0	10.09	V	7.95	0.79	17.25	33
1909.3	1.4	16-QAM	1/0	10.67	V	7.95	0.79	17.83	33
1850.7	1.4	16-QAM	1/5	11.72	H	7.95	0.79	18.88	33
1880.0	1.4	16-QAM	1/0	11.23	H	7.95	0.79	18.39	33
1909.3	1.4	16-QAM	1/0	11.87	H	7.95	0.79	19.03	33
1851.5	3	QPSK	1/0	11.76	V	7.95	0.79	18.92	33
1880.0	3	QPSK	1/0	11.42	V	7.95	0.79	18.58	33
1908.5	3	QPSK	1/0	11.14	V	7.95	0.79	18.30	33
1851.5	3	QPSK	1/0	12.81	H	7.95	0.79	19.97	33
1880.0	3	QPSK	1/0	12.57	H	7.95	0.79	19.73	33
1908.5	3	QPSK	1/0	12.37	H	7.95	0.79	19.53	33
1851.5	3	16-QAM	1/0	10.98	V	7.95	0.79	18.14	33
1880.0	3	16-QAM	1/0	10.67	V	7.95	0.79	17.83	33
1908.5	3	16-QAM	1/0	10.19	V	7.95	0.79	17.35	33
1851.5	3	16-QAM	1/0	12.00	H	7.95	0.79	19.16	33
1880.0	3	16-QAM	1/0	11.71	H	7.95	0.79	18.87	33
1908.5	3	16-QAM	1/0	11.49	H	7.95	0.79	18.65	33
1852.5	5	QPSK	1/0	11.13	V	7.95	0.79	18.29	33
1880.0	5	QPSK	1/0	10.73	V	7.95	0.79	17.89	33
1907.5	5	QPSK	1/24	10.94	V	7.95	0.79	18.10	33
1852.5	5	QPSK	1/0	12.24	H	7.95	0.79	19.40	33
1880.0	5	QPSK	1/0	12.20	H	7.95	0.79	19.36	33
1907.5	5	QPSK	1/24	12.40	H	7.95	0.79	19.56	33
1852.5	5	16-QAM	1/0	11.38	V	7.95	0.79	18.54	33
1880.0	5	16-QAM	1/0	10.06	V	7.95	0.79	17.22	33

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1907.5	5	16-QAM	1/24	10.35	V	7.95	0.79	17.51	33
1852.5	5	16-QAM	1/0	12.40	H	7.95	0.79	19.56	33
1880.0	5	16-QAM	1/0	11.42	H	7.95	0.79	18.58	33
1907.5	5	16-QAM	1/24	11.49	H	7.95	0.79	18.65	33
1855	10	QPSK	1/0	10.06	V	7.95	0.79	17.22	33
1880	10	QPSK	1/49	10.10	V	7.95	0.79	17.26	33
1905	10	QPSK	1/0	9.14	V	7.95	0.79	16.30	33
1855	10	QPSK	1/0	11.08	H	7.95	0.79	18.24	33
1880	10	QPSK	1/49	11.37	H	7.95	0.79	18.53	33
1905	10	QPSK	1/0	10.50	H	7.95	0.79	17.66	33
1855	10	16-QAM	1/0	11.04	V	7.95	0.79	18.20	33
1880	10	16-QAM	1/49	10.88	V	7.95	0.79	18.04	33
1905	10	16-QAM	1/0	11.38	V	7.95	0.79	18.54	33
1855	10	16-QAM	1/0	12.27	H	7.95	0.79	19.43	33
1880	10	16-QAM	1/49	12.28	H	7.95	0.79	19.44	33
1905	10	16-QAM	1/0	12.74	H	7.95	0.79	19.90	33
1857.5	15	QPSK	1/0	10.50	V	7.95	0.79	17.66	33
1880	15	QPSK	1/74	10.51	V	7.95	0.79	17.67	33
1902.5	15	QPSK	1/0	10.27	V	7.95	0.79	17.43	33
1857.5	15	QPSK	1/0	11.74	H	7.95	0.79	18.90	33
1880	15	QPSK	1/74	11.53	H	7.95	0.79	18.69	33
1902.5	15	QPSK	1/0	11.38	H	7.95	0.79	18.54	33
1857.5	15	16-QAM	1/0	11.55	V	7.95	0.79	18.71	33
1880	15	16-QAM	1/74	11.05	V	7.95	0.79	18.21	33
1902.5	15	16-QAM	1/0	10.89	V	7.95	0.79	18.05	33
1857.5	15	16-QAM	1/0	12.66	H	7.95	0.79	19.82	33
1880	15	16-QAM	1/74	12.28	H	7.95	0.79	19.44	33
1902.5	15	16-QAM	1/0	11.90	H	7.95	0.79	19.06	33
1860	20	QPSK	1/99	10.90	V	7.95	0.79	18.06	33
1880	20	QPSK	1/99	10.61	V	7.95	0.79	17.77	33
1900	20	QPSK	1/0	10.14	V	7.95	0.79	17.30	33
1860	20	QPSK	1/99	11.92	H	7.95	0.79	19.08	33
1880	20	QPSK	1/99	11.73	H	7.95	0.79	18.89	33
1900	20	QPSK	1/0	11.47	H	7.95	0.79	18.63	33
1860	20	16-QAM	1/99	10.62	V	7.95	0.79	17.78	33
1880	20	16-QAM	1/99	10.62	V	7.95	0.79	17.78	33

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1900	20	16-QAM	1/0	10.38	V	7.95	0.79	17.54	33
1860	20	16-QAM	1/99	11.87	H	7.95	0.79	19.03	33
1880	20	16-QAM	1/99	11.64	H	7.95	0.79	18.80	33
1900	20	16-QAM	1/0	11.49	H	7.95	0.79	18.65	33

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EIRP for LTE Band 4

Frequency	Channel Bandwidth	Mode.	RB	Substituted level	Antenna Polarization	Antenna Gain correction	Cable Loss	Absolute Level	Limit (dBm)
1710.7	1.4	QPSK	1/0	12.94	V	7.95	0.79	20.10	30
1732.5	1.4	QPSK	1/0	13.12	V	7.95	0.79	20.28	30
1754.3	1.4	QPSK	1/0	12.86	V	7.95	0.79	20.02	30
1710.7	1.4	QPSK	1/0	14.40	H	7.95	0.79	21.56	30
1732.5	1.4	QPSK	1/0	14.34	H	7.95	0.79	21.50	30
1754.3	1.4	QPSK	1/0	14.33	H	7.95	0.79	21.49	30
1710.7	1.4	16-QAM	1/5	12.08	V	7.95	0.79	19.24	30
1732.5	1.4	16-QAM	1/0	12.12	V	7.95	0.79	19.28	30
1754.3	1.4	16-QAM	1/0	12.10	V	7.95	0.79	19.26	30
1710.7	1.4	16-QAM	1/5	13.30	H	7.95	0.79	20.46	30
1732.5	1.4	16-QAM	1/0	13.54	H	7.95	0.79	20.70	30
1754.3	1.4	16-QAM	1/0	13.34	H	7.95	0.79	20.50	30
1711.5	3	QPSK	1/0	12.22	V	7.95	0.79	19.38	30
1732.5	3	QPSK	1/0	12.43	V	7.95	0.79	19.59	30
1753.5	3	QPSK	1/0	12.05	V	7.95	0.79	19.21	30
1711.5	3	QPSK	1/0	13.54	H	7.95	0.79	20.70	30
1732.5	3	QPSK	1/0	13.64	H	7.95	0.79	20.80	30
1753.5	3	QPSK	1/0	13.52	H	7.95	0.79	20.68	30
1711.5	3	16-QAM	1/0	12.09	V	7.95	0.79	19.25	30
1732.5	3	16-QAM	1/0	12.24	V	7.95	0.79	19.40	30
1753.5	3	16-QAM	1/0	11.13	V	7.95	0.79	18.29	30
1711.5	3	16-QAM	1/0	13.45	H	7.95	0.79	20.61	30
1732.5	3	16-QAM	1/0	13.48	H	7.95	0.79	20.64	30
1753.5	3	16-QAM	1/0	12.54	H	7.95	0.79	19.70	30
1712.5	5	QPSK	1/0	11.06	V	7.95	0.79	18.22	30
1732.5	5	QPSK	1/0	11.35	V	7.95	0.79	18.51	30
1752.5	5	QPSK	1/24	11.04	V	7.95	0.79	18.20	30
1712.5	5	QPSK	1/0	12.28	H	7.95	0.79	19.44	30
1732.5	5	QPSK	1/0	12.45	H	7.95	0.79	19.61	30
1752.5	5	QPSK	1/24	12.28	H	7.95	0.79	19.44	30
1712.5	5	16-QAM	1/0	11.03	V	7.95	0.79	18.19	30
1732.5	5	16-QAM	1/0	10.88	V	7.95	0.79	18.04	30
1752.5	5	16-QAM	1/24	11.04	V	7.95	0.79	18.20	30
1712.5	5	16-QAM	1/0	12.27	H	7.95	0.79	19.43	30
1732.5	5	16-QAM	1/0	12.24	H	7.95	0.79	19.40	30
1752.5	5	16-QAM	1/24	12.29	H	7.95	0.79	19.45	30

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1715	10	QPSK	1/0	11.18	V	7.95	0.79	18.34	30
1732.5	10	QPSK	1/49	11.23	V	7.95	0.79	18.39	30
1750	10	QPSK	1/0	11.15	V	7.95	0.79	18.31	30
1715	10	QPSK	1/0	12.47	H	7.95	0.79	19.63	30
1732.5	10	QPSK	1/49	12.47	H	7.95	0.79	19.63	30
1750	10	QPSK	1/0	12.49	H	7.95	0.79	19.65	30
1715	10	16-QAM	1/0	12.30	V	7.95	0.79	19.46	30
1732.5	10	16-QAM	1/49	12.16	V	7.95	0.79	19.32	30
1750	10	16-QAM	1/0	12.32	V	7.95	0.79	19.48	30
1715	10	16-QAM	1/0	13.54	H	7.95	0.79	20.70	30
1732.5	10	16-QAM	1/49	13.52	H	7.95	0.79	20.68	30
1750	10	16-QAM	1/0	13.56	H	7.95	0.79	20.72	30
1717.5	15	QPSK	1/0	12.34	V	7.95	0.79	19.50	30
1732.5	15	QPSK	1/74	11.11	V	7.95	0.79	18.27	30
1747.5	15	QPSK	1/0	11.25	V	7.95	0.79	18.41	30
1717.5	15	QPSK	1/0	13.47	H	7.95	0.79	20.63	30
1732.5	15	QPSK	1/74	12.47	H	7.95	0.79	19.63	30
1747.5	15	QPSK	1/0	12.46	H	7.95	0.79	19.62	30
1717.5	15	16-QAM	1/0	11.43	V	7.95	0.79	18.59	30
1732.5	15	16-QAM	1/74	11.38	V	7.95	0.79	18.54	30
1747.5	15	16-QAM	1/0	11.42	V	7.95	0.79	18.58	30
1717.5	15	16-QAM	1/0	12.76	H	7.95	0.79	19.92	30
1732.5	15	16-QAM	1/74	12.62	H	7.95	0.79	19.78	30
1747.5	15	16-QAM	1/0	12.97	H	7.95	0.79	20.13	30
1720	20	QPSK	1/99	11.35	V	7.95	0.79	18.51	30
1732.5	20	QPSK	1/99	11.25	V	7.95	0.79	18.41	30
1745	20	QPSK	1/0	12.16	V	7.95	0.79	19.32	30
1720	20	QPSK	1/99	12.59	H	7.95	0.79	19.75	30
1732.5	20	QPSK	1/99	12.58	H	7.95	0.79	19.74	30
1745	20	QPSK	1/0	13.41	H	7.95	0.79	20.57	30
1720	20	16-QAM	1/99	11.30	V	7.95	0.79	18.46	30
1732.5	20	16-QAM	1/99	11.27	V	7.95	0.79	18.43	30
1745	20	16-QAM	1/0	11.21	V	7.95	0.79	18.37	30
1720	20	16-QAM	1/99	12.50	H	7.95	0.79	19.66	30
1732.5	20	16-QAM	1/99	12.52	H	7.95	0.79	19.68	30
1745	20	16-QAM	1/0	12.55	H	7.95	0.79	19.71	30

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ERP for LTE Band 5

Frequency	Channel Bandwidth	Mode.	RB	Substituted level	Antenna Polarization	Antenna Gain correction	Cable Loss	Absolute Level	Limit (dBm)
824.7	1.4	QPSK	1/0	13.88	V	6.7	0.49	20.09	38.45
836.5	1.4	QPSK	1/0	13.80	V	6.7	0.49	20.01	38.45
848.3	1.4	QPSK	1/0	13.60	V	6.7	0.49	19.81	38.45
824.7	1.4	QPSK	1/0	15.21	H	6.7	0.49	21.42	38.45
836.5	1.4	QPSK	1/0	15.32	H	6.7	0.49	21.53	38.45
848.3	1.4	QPSK	1/0	15.23	H	6.7	0.49	21.44	38.45
824.7	1.4	16-QAM	1/0	12.85	V	6.7	0.49	19.06	38.45
836.5	1.4	16-QAM	1/0	13.09	V	6.7	0.49	19.30	38.45
848.3	1.4	16-QAM	1/0	13.26	V	6.7	0.49	19.47	38.45
824.7	1.4	16-QAM	1/0	14.40	H	6.7	0.49	20.61	38.45
836.5	1.4	16-QAM	1/0	14.50	H	6.7	0.49	20.71	38.45
848.3	1.4	16-QAM	1/0	14.67	H	6.7	0.49	20.88	38.45
825.5	3	QPSK	1/0	13.73	V	6.7	0.49	19.94	38.45
836.5	3	QPSK	1/0	13.89	V	6.7	0.49	20.10	38.45
847.5	3	QPSK	1/0	13.66	V	6.7	0.49	19.87	38.45
825.5	3	QPSK	1/0	14.98	H	6.7	0.49	21.19	38.45
836.5	3	QPSK	1/0	15.03	H	6.7	0.49	21.24	38.45
847.5	3	QPSK	1/0	14.99	H	6.7	0.49	21.20	38.45
825.5	3	16-QAM	1/0	13.03	V	6.7	0.49	19.24	38.45
836.5	3	16-QAM	1/0	13.10	V	6.7	0.49	19.31	38.45
847.5	3	16-QAM	1/0	12.58	V	6.7	0.49	18.79	38.45
825.5	3	16-QAM	1/0	14.24	H	6.7	0.49	20.45	38.45
836.5	3	16-QAM	1/0	14.24	H	6.7	0.49	20.45	38.45
847.5	3	16-QAM	1/0	14.21	H	6.7	0.49	20.42	38.45
826.5	5	QPSK	1/0	10.26	V	6.7	0.49	16.47	38.45
836.5	5	QPSK	1/0	12.02	V	6.7	0.49	18.23	38.45
846.5	5	QPSK	1/0	11.94	V	6.7	0.49	18.15	38.45
826.5	5	QPSK	1/0	11.81	H	6.7	0.49	18.02	38.45
836.5	5	QPSK	1/0	13.47	H	6.7	0.49	19.68	38.45
846.5	5	QPSK	1/0	13.56	H	6.7	0.49	19.77	38.45
826.5	5	16-QAM	1/0	12.01	V	6.7	0.49	18.22	38.45
836.5	5	16-QAM	1/0	11.46	V	6.7	0.49	17.67	38.45
846.5	5	16-QAM	1/0	12.40	V	6.7	0.49	18.61	38.45
826.5	5	16-QAM	1/0	13.46	H	6.7	0.49	19.67	38.45
836.5	5	16-QAM	1/0	12.60	H	6.7	0.49	18.81	38.45
846.5	5	16-QAM	1/0	13.92	H	6.7	0.49	20.13	38.45

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829	10	QPSK	1/0	12.82	V	6.7	0.49	19.03	38.45
836.5	10	QPSK	1/0	12.73	V	6.7	0.49	18.94	38.45
844	10	QPSK	1/0	12.38	V	6.7	0.49	18.59	38.45
829	10	QPSK	1/0	13.96	H	6.7	0.49	20.17	38.45
836.5	10	QPSK	1/0	13.95	H	6.7	0.49	20.16	38.45
844	10	QPSK	1/0	13.90	H	6.7	0.49	20.11	38.45
829	10	16-QAM	1/0	14.03	V	6.7	0.49	20.24	38.45
836.5	10	16-QAM	1/0	13.88	V	6.7	0.49	20.09	38.45
844	10	16-QAM	1/0	13.03	V	6.7	0.49	19.24	38.45
829	10	16-QAM	1/0	15.36	H	6.7	0.49	21.57	38.45
836.5	10	16-QAM	1/0	15.29	H	6.7	0.49	21.50	38.45
844	10	16-QAM	1/0	14.39	H	6.7	0.49	20.60	38.45

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EIRP for LTE Band 7

Frequency	Channel Bandwidth	Mode.	RB	Substituted level	Antenna Polarization	Antenna Gain correction	Cable Loss	Absolute Level	Limit (dBm)
2502.5	5	QPSK	1/0	12.66	V	8.23	1.12	19.77	33
2535	5	QPSK	1/0	13.14	V	8.23	1.12	20.25	33
2567.5	5	QPSK	1/24	13.32	V	8.23	1.12	20.43	33
2502.5	5	QPSK	1/0	13.90	H	8.23	1.12	21.01	33
2535	5	QPSK	1/0	14.37	H	8.23	1.12	21.48	33
2567.5	5	QPSK	1/24	14.43	H	8.23	1.12	21.54	33
2502.5	5	16-QAM	1/0	11.48	V	8.23	1.12	18.59	33
2535	5	16-QAM	1/0	12.00	V	8.23	1.12	19.11	33
2567.5	5	16-QAM	1/24	11.94	V	8.23	1.12	19.05	33
2502.5	5	16-QAM	1/0	12.89	H	8.23	1.12	20.00	33
2535	5	16-QAM	1/0	13.22	H	8.23	1.12	20.33	33
2567.5	5	16-QAM	1/24	13.30	H	8.23	1.12	20.41	33
2505	10	QPSK	1/0	12.74	V	8.23	1.12	19.85	33
2535	10	QPSK	1/49	12.53	V	8.23	1.12	19.64	33
2565	10	QPSK	1/0	12.51	V	8.23	1.12	19.62	33
2505	10	QPSK	1/0	13.37	H	8.23	1.12	20.48	33
2535	10	QPSK	1/49	13.97	H	8.23	1.12	21.08	33
2565	10	QPSK	1/0	13.75	H	8.23	1.12	20.86	33
2505	10	16-QAM	1/0	12.20	V	8.23	1.12	19.31	33
2535	10	16-QAM	1/49	12.32	V	8.23	1.12	19.43	33
2565	10	16-QAM	1/0	12.19	V	8.23	1.12	19.30	33
2505	10	16-QAM	1/0	13.45	H	8.23	1.12	20.56	33
2535	10	16-QAM	1/49	13.43	H	8.23	1.12	20.54	33
2565	10	16-QAM	1/0	13.55	H	8.23	1.12	20.66	33
2507.5	15	QPSK	1/0	11.75	V	8.23	1.12	18.86	33
2535	15	QPSK	1/74	11.96	V	8.23	1.12	19.07	33
2562.5	15	QPSK	1/0	12.13	V	8.23	1.12	19.24	33
2507.5	15	QPSK	1/0	12.89	H	8.23	1.12	20.00	33
2535	15	QPSK	1/74	13.22	H	8.23	1.12	20.33	33
2562.5	15	QPSK	1/0	13.30	H	8.23	1.12	20.41	33
2507.5	15	16-QAM	1/0	13.30	V	8.23	1.12	20.41	33
2535	15	16-QAM	1/74	11.00	V	8.23	1.12	18.11	33
2562.5	15	16-QAM	1/0	10.81	V	8.23	1.12	17.92	33
2507.5	15	16-QAM	1/0	13.30	H	8.23	1.12	20.41	33
2535	15	16-QAM	1/74	12.12	H	8.23	1.12	19.23	33
2562.5	15	16-QAM	1/0	12.17	H	8.23	1.12	19.28	33

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2510	20	QPSK	1/99	11.68	V	8.23	1.12	18.79	33
2535	20	QPSK	1/99	11.57	V	8.23	1.12	18.68	33
2560	20	QPSK	1/0	10.46	V	8.23	1.12	17.57	33
2510	20	QPSK	1/99	12.88	H	8.23	1.12	19.99	33
2535	20	QPSK	1/99	12.72	H	8.23	1.12	19.83	33
2560	20	QPSK	1/0	11.71	H	8.23	1.12	18.82	33
2510	20	16-QAM	1/99	12.49	V	8.23	1.12	19.60	33
2535	20	16-QAM	1/99	12.86	V	8.23	1.12	19.97	33
2560	20	16-QAM	1/0	13.14	V	8.23	1.12	20.25	33
2510	20	16-QAM	1/99	13.84	H	8.23	1.12	20.95	33
2535	20	16-QAM	1/99	14.18	H	8.23	1.12	21.29	33
2560	20	16-QAM	1/0	14.39	H	8.23	1.12	21.50	33

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EIRP for LTE Band 38

Frequency	Channel Bandwidth	Mode.	RB	Substituted level	Antenna Polarization	Antenna Gain correction	Cable Loss	Absolute Level	Limit (dBm)
2572.5	5	QPSK	1/0	13.64	V	8.22	1.10	20.76	33
2595	5	QPSK	1/0	13.32	V	8.22	1.10	20.44	33
2617.5	5	QPSK	1/24	13.02	V	8.22	1.10	20.14	33
2572.5	5	QPSK	1/0	14.65	H	8.22	1.10	21.77	33
2595	5	QPSK	1/0	14.55	H	8.22	1.10	21.67	33
2617.5	5	QPSK	1/24	14.35	H	8.22	1.10	21.47	33
2572.5	5	16-QAM	1/0	12.45	V	8.22	1.10	19.57	33
2595	5	16-QAM	1/0	12.61	V	8.22	1.10	19.73	33
2617.5	5	16-QAM	1/24	11.69	V	8.22	1.10	18.81	33
2572.5	5	16-QAM	1/0	13.49	H	8.22	1.10	20.61	33
2595	5	16-QAM	1/0	13.97	H	8.22	1.10	21.09	33
2617.5	5	16-QAM	1/24	12.94	H	8.22	1.10	20.06	33
2575	10	QPSK	1/0	13.10	V	8.22	1.10	20.22	33
2595	10	QPSK	1/49	13.10	V	8.22	1.10	20.22	33
2615	10	QPSK	1/0	12.30	V	8.22	1.10	19.42	33
2575	10	QPSK	1/0	14.14	H	8.22	1.10	21.26	33
2595	10	QPSK	1/49	14.15	H	8.22	1.10	21.27	33
2615	10	QPSK	1/0	13.32	H	8.22	1.10	20.44	33
2575	10	16-QAM	1/0	12.11	V	8.22	1.10	19.23	33
2595	10	16-QAM	1/49	12.33	V	8.22	1.10	19.45	33
2615	10	16-QAM	1/0	11.80	V	8.22	1.10	18.92	33
2575	10	16-QAM	1/0	13.63	H	8.22	1.10	20.75	33
2595	10	16-QAM	1/49	13.47	H	8.22	1.10	20.59	33
2615	10	16-QAM	1/0	13.36	H	8.22	1.10	20.48	33
2577.5	15	QPSK	1/0	11.14	V	8.22	1.10	18.26	33
2595	15	QPSK	1/74	11.89	V	8.22	1.10	19.01	33
2612.5	15	QPSK	1/0	11.51	V	8.22	1.10	18.63	33
2577.5	15	QPSK	1/0	12.50	H	8.22	1.10	19.62	33
2595	15	QPSK	1/74	12.91	H	8.22	1.10	20.03	33
2612.5	15	QPSK	1/0	13.09	H	8.22	1.10	20.21	33
2577.5	15	16-QAM	1/0	11.09	V	8.22	1.10	18.21	33
2595	15	16-QAM	1/74	10.77	V	8.22	1.10	17.89	33
2612.5	15	16-QAM	1/0	11.90	V	8.22	1.10	19.02	33
2577.5	15	16-QAM	1/0	12.20	H	8.22	1.10	19.32	33
2595	15	16-QAM	1/74	12.07	H	8.22	1.10	19.19	33
2612.5	15	16-QAM	1/0	13.26	H	8.22	1.10	20.38	33

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2580	20	QPSK	1/99	11.94	V	8.22	1.10	19.06	33
2595	20	QPSK	1/99	11.79	V	8.22	1.10	18.91	33
2610	20	QPSK	1/0	10.80	V	8.22	1.10	17.92	33
2580	20	QPSK	1/99	13.18	H	8.22	1.10	20.30	33
2595	20	QPSK	1/99	13.09	H	8.22	1.10	20.21	33
2610	20	QPSK	1/0	12.30	H	8.22	1.10	19.42	33
2580	20	16-QAM	1/99	13.25	V	8.22	1.10	20.37	33
2595	20	16-QAM	1/99	12.98	V	8.22	1.10	20.10	33
2610	20	16-QAM	1/0	12.87	V	8.22	1.10	19.99	33
2580	20	16-QAM	1/99	14.47	H	8.22	1.10	21.59	33
2595	20	16-QAM	1/99	14.23	H	8.22	1.10	21.35	33
2610	20	16-QAM	1/0	14.11	H	8.22	1.10	21.23	33

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EIRP for LTE Band 40-Lower Side

Frequency	Channel Bandwidth	Mode.	RB	Substituted level	Antenna Polarization	Antenna Gain correction	Cable Loss	Absolute Level	Limit (dBm)
2307.5	5	QPSK	1/0	13.55	V	8.10	0.98	20.67	23.98
2310.0	5	QPSK	1/0	13.12	V	8.10	0.98	20.24	23.98
2312.5	5	QPSK	1/24	12.86	V	8.10	0.98	19.98	23.98
2307.5	5	QPSK	1/0	14.90	H	8.10	0.98	22.02	23.98
2310.0	5	QPSK	1/0	14.81	H	8.10	0.98	21.93	23.98
2312.5	5	QPSK	1/24	14.61	H	8.10	0.98	21.73	23.98
2307.5	5	16-QAM	1/0	12.35	V	8.10	0.98	19.47	23.98
2310.0	5	16-QAM	1/0	13.12	V	8.10	0.98	20.24	23.98
2312.5	5	16-QAM	1/24	12.81	V	8.10	0.98	19.93	23.98
2307.5	5	16-QAM	1/0	13.73	H	8.10	0.98	20.85	23.98
2310.0	5	16-QAM	1/0	14.67	H	8.10	0.98	21.79	23.98
2312.5	5	16-QAM	1/24	14.55	H	8.10	0.98	21.67	23.98
2310	10	QPSK	1/0	12.75	V	8.10	0.98	19.87	23.98
2310	10	QPSK	1/49	11.53	V	8.10	0.98	18.65	23.98
2310	10	QPSK	1/0	14.47	H	8.10	0.98	21.59	23.98
2310	10	QPSK	1/49	14.30	H	8.10	0.98	21.42	23.98
2310	10	16-QAM	1/0	13.38	V	8.10	0.98	20.50	23.98
2310	10	16-QAM	1/49	12.67	V	8.10	0.98	19.79	23.98
2310	10	16-QAM	1/0	13.45	H	8.10	0.98	20.57	23.98
2310	10	16-QAM	1/49	13.48	H	8.10	0.98	20.60	23.98

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EIRP for LTE Band 40-UpperSide

Frequency	Channel Bandwidth	Mode.	RB	Substituted level	Antenna Polarization	Antenna Gain correction	Cable Loss	Absolute Level	Limit (dBm)
2352.5	5	QPSK	1/0	13.49	V	8.10	0.98	20.61	23.98
2355.0	5	QPSK	1/0	13.13	V	8.10	0.98	20.25	23.98
2357.5	5	QPSK	1/24	13.08	V	8.10	0.98	20.20	23.98
2352.5	5	QPSK	1/0	14.84	H	8.10	0.98	21.96	23.98
2355.0	5	QPSK	1/0	14.82	H	8.10	0.98	21.94	23.98
2357.5	5	QPSK	1/24	14.83	H	8.10	0.98	21.95	23.98
2352.5	5	16-QAM	1/0	12.41	V	8.10	0.98	19.53	23.98
2355.0	5	16-QAM	1/0	12.21	V	8.10	0.98	19.33	23.98
2357.5	5	16-QAM	1/24	12.14	V	8.10	0.98	19.26	23.98
2352.5	5	16-QAM	1/0	13.79	H	8.10	0.98	20.91	23.98
2355.0	5	16-QAM	1/0	13.76	H	8.10	0.98	20.88	23.98
2357.5	5	16-QAM	1/24	13.88	H	8.10	0.98	21.00	23.98
2355	10	QPSK	1/0	12.24	V	8.10	0.98	19.36	23.98
2355	10	QPSK	1/49	11.12	V	8.10	0.98	18.24	23.98
2355	10	QPSK	1/0	13.69	H	8.10	0.98	20.81	23.98
2355	10	QPSK	1/49	13.79	H	8.10	0.98	20.91	23.98
2355	10	16-QAM	1/0	12.97	V	8.10	0.98	20.09	23.98
2355	10	16-QAM	1/49	11.97	V	8.10	0.98	19.09	23.98
2355	10	16-QAM	1/0	12.75	H	8.10	0.98	19.87	23.98
2355	10	16-QAM	1/49	12.73	H	8.10	0.98	19.85	23.98

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EIRP for LTE Band 41

Frequency	Channel Bandwidth	Mode.	RB	Substituted level	Antenna Polarization	Antenna Gain correction	Cable Loss	Absolute Level	Limit (dBm)
2498.5	5	QPSK	1/0	13.36	V	8.23	1.12	20.47	33
2593.0	5	QPSK	1/0	13.28	V	8.23	1.12	20.39	33
2687.5	5	QPSK	1/24	13.58	V	8.23	1.12	20.69	33
2498.5	5	QPSK	1/0	14.92	H	8.23	1.12	22.03	33
2593.0	5	QPSK	1/0	14.90	H	8.23	1.12	22.01	33
2687.5	5	QPSK	1/24	14.91	H	8.23	1.12	22.02	33
2498.5	5	16-QAM	1/0	12.50	V	8.23	1.12	19.61	33
2593.0	5	16-QAM	1/0	12.77	V	8.23	1.12	19.88	33
2687.5	5	16-QAM	1/24	12.63	V	8.23	1.12	19.74	33
2498.5	5	16-QAM	1/0	13.84	H	8.23	1.12	20.95	33
2593.0	5	16-QAM	1/0	13.96	H	8.23	1.12	21.07	33
2687.5	5	16-QAM	1/24	13.92	H	8.23	1.12	21.03	33
2501.0	10	QPSK	1/0	11.47	V	8.23	1.12	18.58	33
2593.0	10	QPSK	1/49	12.25	V	8.23	1.12	19.36	33
2685.0	10	QPSK	1/0	12.34	V	8.23	1.12	19.45	33
2501.0	10	QPSK	1/0	12.89	H	8.23	1.12	20.00	33
2593.0	10	QPSK	1/49	13.77	H	8.23	1.12	20.88	33
2685.0	10	QPSK	1/0	13.87	H	8.23	1.12	20.98	33
2501.0	10	16-QAM	1/0	11.32	V	8.23	1.12	18.43	33
2593.0	10	16-QAM	1/49	11.26	V	8.23	1.12	18.37	33
2685.0	10	16-QAM	1/0	11.30	V	8.23	1.12	18.41	33
2501.0	10	16-QAM	1/0	12.81	H	8.23	1.12	19.92	33
2593.0	10	16-QAM	1/49	12.83	H	8.23	1.12	19.94	33
2685.0	10	16-QAM	1/0	12.83	H	8.23	1.12	19.94	33
2503.5	15	QPSK	1/0	11.51	V	8.23	1.12	18.62	33
2593.0	15	QPSK	1/74	11.54	V	8.23	1.12	18.65	33
2682.5	15	QPSK	1/0	11.26	V	8.23	1.12	18.37	33
2503.5	15	QPSK	1/0	12.86	H	8.23	1.12	19.97	33
2593.0	15	QPSK	1/74	12.91	H	8.23	1.12	20.02	33
2682.5	15	QPSK	1/0	12.79	H	8.23	1.12	19.90	33
2503.5	15	16-QAM	1/0	11.16	V	8.23	1.12	18.27	33
2593.0	15	16-QAM	1/74	10.40	V	8.23	1.12	17.51	33
2682.5	15	16-QAM	1/0	10.45	V	8.23	1.12	17.56	33
2503.5	15	16-QAM	1/0	12.79	H	8.23	1.12	19.90	33
2593.0	15	16-QAM	1/74	11.85	H	8.23	1.12	18.96	33
2682.5	15	16-QAM	1/0	11.84	H	8.23	1.12	18.95	33

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2506.0	20	QPSK	1/99	11.38	V	8.23	1.12	18.49	33
2593.0	20	QPSK	1/99	11.54	V	8.23	1.12	18.65	33
2680.0	20	QPSK	1/0	10.41	V	8.23	1.12	17.52	33
2506.0	20	QPSK	1/99	12.90	H	8.23	1.12	20.01	33
2593.0	20	QPSK	1/99	12.69	H	8.23	1.12	19.80	33
2680.0	20	QPSK	1/0	11.79	H	8.23	1.12	18.90	33
2506.0	20	16-QAM	1/99	13.03	V	8.23	1.12	20.14	33
2593.0	20	16-QAM	1/99	13.24	V	8.23	1.12	20.35	33
2680.0	20	16-QAM	1/0	13.61	V	8.23	1.12	20.72	33
2506.0	20	16-QAM	1/99	14.80	H	8.23	1.12	21.91	33
2593.0	20	16-QAM	1/99	14.78	H	8.23	1.12	21.89	33
2680.0	20	16-QAM	1/0	14.98	H	8.23	1.12	22.09	33

Note: Above is the worst mode data.

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