

A.1.3 Radiated

A.1.3.1 Description

This is the test for the maximum radiated power from the EUT.

Rule Part 24.232(b) specifies, "Mobile/portable stations are limited to 2 watts e.i.r.p. Peak power" and 24.232(c) specifies that "Peak transmit power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage."

Rule Part 27.50(d) specifies "Fixed, mobile, and portable (handheld) stations operating in the 1710–1755 MHz band are limited to 1 watt EIRP".

Rule Part 27.50(h)(2) specifies "Mobile stations are limited to 2.0 watts EIRP".

Rule Part 27.50(c) specifies "Portable stations (hand-held de-vices) are limited to 3 watts ERP".

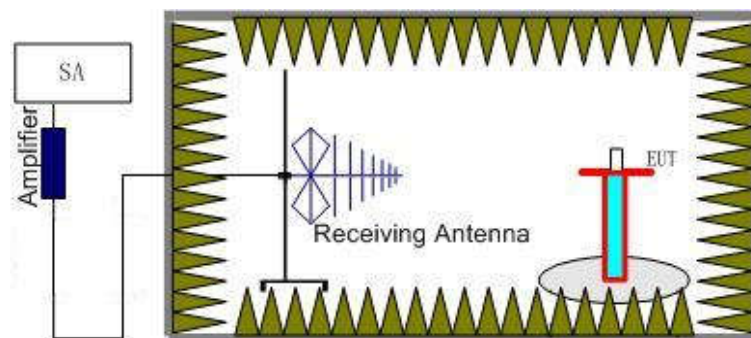
Rule Part 27.50(a)(3) specifies "For mobile and portable stations transmitting in the 2305–2315 MHz band or the 2350–2360 MHz band, the average EIRP must not exceed 50 milliwatts within any 1 megahertz of authorized bandwidth, except that for mobile and portable stations compliant with 3GPP LTE standards or another advanced mobile broadband protocol that avoids concentrating energy at the edge of the operating band the average EIRP must not exceed 250 milliwatts within any 5 megahertz of authorized bandwidth but may exceed 50 milliwatts within any 1 megahertz of authorized bandwidth."

Rule Part 22.913(a) specifies "The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts."

Rule Part 90.542 specifies "Portable stations (hand-held devices) transmitting in the 758-768 MHz band and the 788-798 MHz band are limited to 3 watts ERP."

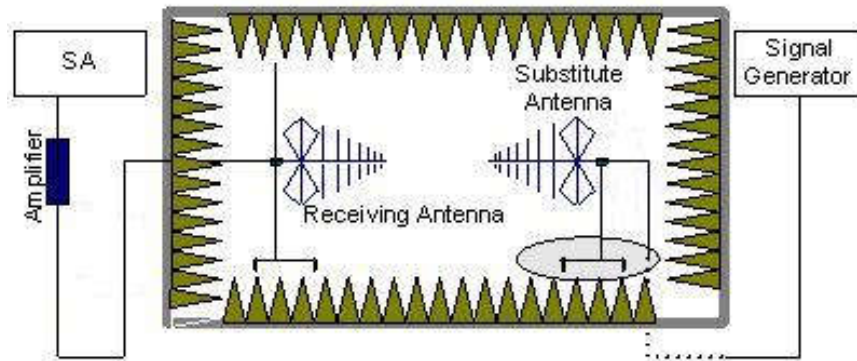
A.1.3.2 Method of Measurement

1. For radiated emissions measurements performed at frequencies less than or equal to 1 GHz, EUT was placed on a 80 cm high non-conductive stand at a 3 meter test distance from the receive antenna. For radiated measurements performed at frequencies above 1 GHz, EUT was placed on a 1.5 meter high non-conductive stand at a 3 meter test distance from the receive antenna. Receiving antenna was placed on the antenna mast 3 meters from the EUT. For emission measurements. The receiving antenna shall be varied from 1 m to 4 m in height above the reference ground in a search for the relative positioning that produces the maximum radiated signal level. The test setup refers to figure below. Detected emissions were maximized at each frequency by rotating the EUT through 360° and adjusting the receiving antenna polarization. The radiated emission measurements of all transmit frequencies in three channels (High, Middle, Low) were measured with peak detector.



2. The EUT is then put into continuously transmitting mode at its maximum power level during the test. And the maximum value of the receiver should be recorded as (Pr).

3. The EUT shall be replaced by a substitution antenna. The test setup refers to figure below.



In the chamber, a substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF signal source for the frequency band of interest is connected to the substitution antenna with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A power (P_{Mea}) is applied to the input of the substitution antenna and adjusts the level of the signal generator output until the value of the receiver reaches the previously recorded (P_r). The power of signal source (P_{Mea}) is recorded. The test should be performed by rotating the test item and adjusting the receiving antenna polarization.

4. An amplifier should be connected to the Signal Source output port. And the cable should be connected between the amplifier and the substitution antenna.

The cable loss (P_{cl}), the substitution Antenna Gain(dBi) (G_a) and the amplifier Gain (P_{Ag}) should be recorded after test.

The measurement results are obtained as described below:

$$\text{Power (EIRP)} = P_{Mea} - P_{Ag} - P_{cl} + G_a$$

5. This value is EIRP since the measurement is calibrated using an antenna of known gain (unit dBi) and known input power.
6. ERP can be calculated from EIRP by subtracting the gain of the dipole, $ERP = EIRP - 2.15\text{dB}$.

A.1.3.3 Measurement result

LTE Band 2- EIRP Part 24. 232(c)

Limits: $\leq 33\text{dBm}$ (2W)

LTE BAND 2 QPSK-1.4MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1850.70	-14.94	-29.30	8.10	22.46	H	33.00
1880.00	-15.12	-29.40	8.10	22.38	H	33.00
1909.30	-15.09	-29.30	8.10	22.31	H	33.00

LTE BAND 2 QPSK-3MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1851.50	-15.15	-29.30	8.10	22.25	H	33.00
1880.00	-15.30	-29.40	8.10	22.20	H	33.00
1908.50	-15.34	-29.30	8.10	22.06	H	33.00

LTE BAND 2 QPSK-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1852.50	-15.29	-29.30	8.10	22.11	H	33.00
1880.00	-15.42	-29.40	8.10	22.08	H	33.00
1907.50	-15.50	-29.30	8.10	21.90	H	33.00

LTE BAND 2 QPSK-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1855.00	-15.17	-29.30	8.10	22.23	H	33.00
1880.00	-15.38	-29.40	8.10	22.12	H	33.00
1905.00	-15.30	-29.30	8.10	22.10	H	33.00

LTE BAND 2 QPSK-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1857.50	-15.18	-29.30	8.10	22.22	H	33.00
1880.00	-15.43	-29.40	8.10	22.07	H	33.00
1902.50	-15.48	-29.30	8.10	21.92	H	33.00

LTE BAND 2 QPSK-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1860.00	-15.24	-29.30	8.10	22.16	H	33.00
1880.00	-15.53	-29.40	8.10	21.97	H	33.00

1900.00	-15.44	-29.30	8.10	21.96	H	33.00
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LTE BAND 2 16QAM-1.4MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1850.70	-16.06	-29.30	8.10	21.34	H	33.00
1880.00	-16.21	-29.40	8.10	21.29	H	33.00
1909.30	-16.34	-29.30	8.10	21.06	H	33.00

LTE BAND 2 16QAM-3MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1851.50	-16.14	-29.30	8.10	21.26	H	33.00
1880.00	-16.42	-29.40	8.10	21.08	H	33.00
1908.50	-16.52	-29.30	8.10	20.88	H	33.00

LTE BAND 2 16QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1852.50	-16.44	-29.30	8.10	20.96	H	33.00
1880.00	-16.59	-29.40	8.10	20.91	H	33.00
1907.50	-16.79	-29.30	8.10	20.61	H	33.00

LTE BAND 2 16QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1855.00	-16.31	-29.30	8.10	21.09	H	33.00
1880.00	-16.51	-29.40	8.10	20.99	H	33.00
1905.00	-16.44	-29.30	8.10	20.96	H	33.00

LTE BAND 2 16QAM-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1857.50	-16.39	-29.30	8.10	21.01	H	33.00
1880.00	-16.65	-29.40	8.10	20.85	H	33.00
1902.50	-16.69	-29.30	8.10	20.71	H	33.00

LTE BAND 2 16QAM-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1860.00	-16.43	-29.30	8.10	20.97	H	33.00
1880.00	-16.79	-29.40	8.10	20.71	H	33.00
1900.00	-16.64	-29.30	8.10	20.76	H	33.00

LTE BAND 2 64QAM-1.4MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1850.70	-17.28	-29.30	8.10	20.12	H	33.00
1880.00	-17.31	-29.40	8.10	20.19	H	33.00
1909.30	-17.36	-29.30	8.10	20.04	H	33.00

LTE BAND 2 64QAM-3MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1851.50	-17.52	-29.30	8.10	19.88	H	33.00
1880.00	-17.80	-29.40	8.10	19.70	H	33.00
1908.50	-17.69	-29.30	8.10	19.71	H	33.00

LTE BAND 2 64QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1852.50	-17.77	-29.30	8.10	19.64	H	33.00
1880.00	-17.92	-29.40	8.10	19.58	H	33.00
1907.50	-18.11	-29.30	8.10	19.29	H	33.00

LTE BAND 2 64QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1855.00	-17.68	-29.30	8.10	19.71	H	33.00
1880.00	-17.89	-29.40	8.10	19.61	H	33.00
1905.00	-17.91	-29.30	8.10	19.49	H	33.00

LTE BAND 2 64QAM-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1857.50	-17.69	-29.30	8.10	19.71	H	33.00
1880.00	-17.94	-29.40	8.10	19.56	H	33.00
1902.50	-18.18	-29.30	8.10	19.22	H	33.00

LTE BAND 2 64QAM-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1860.00	-17.78	-29.30	8.10	19.62	H	33.00
1880.00	-18.13	-29.40	8.10	19.37	H	33.00
1900.00	-18.18	-29.30	8.10	19.22	H	33.00

LTE Band 4- EIRP Part 27.50(d)(4)
Limits: ≤30dBm (1W)
LTE BAND 4 QPSK-1.4MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1710.70	-15.62	-29.60	8.10	22.08	H	30.00
1732.50	-15.43	-29.60	8.10	22.27	H	30.00
1754.30	-15.17	-29.50	8.10	22.43	H	30.00

LTE BAND 4 QPSK-3MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1711.50	-15.83	-29.60	8.10	21.87	H	30.00
1732.50	-15.61	-29.60	8.10	22.09	H	30.00
1753.50	-15.42	-29.50	8.10	22.18	H	30.00

LTE BAND 4 QPSK-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1712.50	-15.97	-29.60	8.10	21.73	H	30.00
1732.50	-15.73	-29.60	8.10	21.97	H	30.00
1752.50	-15.58	-29.50	8.10	22.02	H	30.00

LTE BAND 4 QPSK-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1715.00	-16.05	-29.60	8.10	21.65	H	30.00
1732.50	-15.89	-29.60	8.10	21.81	H	30.00
1750.00	-15.68	-29.50	8.10	21.92	H	30.00

LTE BAND 4 QPSK-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1717.50	-16.16	-29.60	8.10	21.54	H	30.00
1732.50	-16.04	-29.60	8.10	21.66	H	30.00
1747.50	-15.76	-29.50	8.10	21.84	H	30.00

LTE BAND 4 QPSK-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1720.00	-16.32	-29.60	8.10	21.38	H	30.00
1732.50	-16.14	-29.60	8.10	21.56	H	30.00
1745.00	-15.92	-29.50	8.10	21.68	H	30.00

LTE BAND 4 16QAM-1.4MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1710.70	-16.74	-29.60	8.10	20.96	H	30.00
1732.50	-16.52	-29.60	8.10	21.18	H	30.00
1754.30	-16.42	-29.50	8.10	21.18	H	30.00

LTE BAND 4 16QAM-3MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1711.50	-16.82	-29.60	8.10	20.88	H	30.00
1732.50	-16.73	-29.60	8.10	20.97	H	30.00
1753.50	-16.60	-29.50	8.10	21.00	H	30.00

LTE BAND 4 16QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1712.50	-17.12	-29.60	8.10	20.58	H	30.00
1732.50	-16.90	-29.60	8.10	20.80	H	30.00
1752.50	-16.87	-29.50	8.10	20.73	H	30.00

LTE BAND 4 16QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1715.00	-17.19	-29.60	8.10	20.51	H	30.00
1732.50	-17.02	-29.60	8.10	20.68	H	30.00
1750.00	-16.82	-29.50	8.10	20.78	H	30.00

LTE BAND 4 16QAM-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1717.50	-17.37	-29.60	8.10	20.33	H	30.00
1732.50	-17.26	-29.60	8.10	20.44	H	30.00
1747.50	-16.97	-29.50	8.10	20.63	H	30.00

LTE BAND 4 16QAM-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1720.00	-17.51	-29.60	8.10	20.19	H	30.00
1732.50	-17.40	-29.60	8.10	20.30	H	30.00
1745.00	-17.12	-29.50	8.10	20.48	H	30.00

LTE BAND 4 64QAM-1.4MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1710.70	-17.96	-29.60	8.10	19.74	H	30.00
1732.50	-17.62	-29.60	8.10	20.08	H	30.00
1754.30	-17.45	-29.50	8.10	20.16	H	30.00

LTE BAND 4 64QAM-3MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1711.50	-18.20	-29.60	8.10	19.50	H	30.00
1732.50	-18.11	-29.60	8.10	19.59	H	30.00
1753.50	-17.77	-29.50	8.10	19.83	H	30.00

LTE BAND 4 64QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1712.50	-18.45	-29.60	8.10	19.25	H	30.00
1732.50	-18.23	-29.60	8.10	19.47	H	30.00
1752.50	-18.20	-29.50	8.10	19.41	H	30.00

LTE BAND 4 64QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1715.00	-18.57	-29.60	8.10	19.14	H	30.00
1732.50	-18.40	-29.60	8.10	19.30	H	30.00
1750.00	-18.29	-29.50	8.10	19.31	H	30.00

LTE BAND 4 64QAM-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1717.50	-18.67	-29.60	8.10	19.03	H	30.00
1732.50	-18.55	-29.60	8.10	19.15	H	30.00
1747.50	-18.46	-29.50	8.10	19.14	H	30.00

LTE BAND 4 64QAM-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1720.00	-18.86	-29.60	8.10	18.84	H	30.00
1732.50	-18.74	-29.60	8.10	18.96	H	30.00
1745.00	-18.66	-29.50	8.10	18.94	H	30.00

LTE Band 5- ERP Part 22.913(a)
Limits: ≤38.45dBm (7W)
LTE BAND 5 QPSK-1.4MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(n(dB))	ERP(dBm)	Polarization	Limit(dBm)
824.70	-8.98	-33.60	-0.79	2.15	21.68	V	38.45
836.50	-9.58	-33.50	-0.74	2.15	21.04	V	38.45
848.30	-8.79	-33.50	-0.73	2.15	21.83	V	38.45

LTE BAND 5 QPSK-3MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(n(dB))	ERP(dBm)	Polarization	Limit(dBm)
825.50	-9.10	-33.60	-0.84	2.15	21.51	V	38.45
836.50	-9.75	-33.50	-0.74	2.15	20.86	V	38.45
847.50	-9.00	-33.50	-0.73	2.15	21.62	V	38.45

LTE BAND 5 QPSK-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(n(dB))	ERP(dBm)	Polarization	Limit(dBm)
826.50	-9.18	-33.60	-0.84	2.15	21.43	V	38.45
836.50	-9.86	-33.50	-0.74	2.15	20.75	V	38.45
846.50	-9.10	-33.50	-0.73	2.15	21.52	V	38.45

LTE BAND 5 QPSK-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(n(dB))	ERP(dBm)	Polarization	Limit(dBm)
829.00	-9.26	-33.60	-0.84	2.15	21.35	V	38.45
836.50	-9.93	-33.50	-0.74	2.15	20.68	V	38.45
844.00	-9.15	-33.50	-0.78	2.15	21.42	V	38.45

LTE BAND 5 16QAM-1.4MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(n(dB))	ERP(dBm)	Polarization	Limit(dBm)
824.70	-10.00	-33.60	-0.79	2.15	20.66	V	38.45
836.50	-10.59	-33.50	-0.74	2.15	20.02	V	38.45
848.30	-9.94	-33.50	-0.73	2.15	20.68	V	38.45

LTE BAND 5 16QAM-3MHz

Frequenc y(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P Ag(dB)	Ga Antenna Gain(dBi)	Correctio n(dB)	ERP(dBm)	Polarizati on	Limit(dBm)
825.50	-10.09	-33.60	-0.84	2.15	20.52	V	38.45
836.50	-10.78	-33.50	-0.74	2.15	19.84	V	38.45
847.50	-10.07	-33.50	-0.73	2.15	20.54	V	38.45

LTE BAND 5 16QAM-5MHz

Frequenc y(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P Ag(dB)	Ga Antenna Gain(dBi)	Correctio n(dB)	ERP(dBm)	Polarizati on	Limit(dBm)
826.50	-10.23	-33.60	-0.84	2.15	20.38	V	38.45
836.50	-10.94	-33.50	-0.74	2.15	19.67	V	38.45
846.50	-10.11	-33.50	-0.73	2.15	20.51	V	38.45

LTE BAND 5 16QAM-10MHz

Frequenc y(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P Ag(dB)	Ga Antenna Gain(dBi)	Correctio n(dB)	ERP(dBm)	Polarizati on	Limit(dBm)
829.00	-10.30	-33.60	-0.84	2.15	20.31	V	38.45
836.50	-10.97	-33.50	-0.74	2.15	19.64	V	38.45
844.00	-10.18	-33.50	-0.78	2.15	20.38	V	38.45

LTE BAND 5 64QAM-1.4MHz

Frequenc y(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P Ag(dB)	Ga Antenna Gain(dBi)	Correctio n(dB)	ERP(dBm)	Polarizati on	Limit(dBm)
824.70	-11.01	-33.60	-0.79	2.15	19.64	V	38.45
836.50	-11.69	-33.50	-0.74	2.15	18.93	V	38.45
848.30	-10.96	-33.50	-0.73	2.15	19.66	V	38.45

LTE BAND 5 64QAM-3MHz

Frequenc y(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P Ag(dB)	Ga Antenna Gain(dBi)	Correctio n(dB)	ERP(dBm)	Polarizati on	Limit(dBm)
825.50	-11.07	-33.60	-0.84	2.15	19.54	V	38.45
836.50	-11.79	-33.50	-0.74	2.15	18.83	V	38.45
847.50	-10.95	-33.50	-0.73	2.15	19.67	V	38.45

LTE BAND 5 64QAM-5MHz

Frequenc y(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P Ag(dB)	Ga Antenna Gain(dBi)	Correctio n(dB)	ERP(dBm)	Polarizati on	Limit(dBm)
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826.50	-11.25	-33.60	-0.84	2.15	19.36	V	38.45
836.50	-11.97	-33.50	-0.74	2.15	18.65	V	38.45
846.50	-11.03	-33.50	-0.73	2.15	19.59	V	38.45

LTE BAND 5 64QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
829.00	-11.37	-33.60	-0.84	2.15	19.23	V	38.45
836.50	-12.05	-33.50	-0.74	2.15	18.57	V	38.45
844.00	-11.26	-33.50	-0.78	2.15	19.31	V	38.45

LTE Band 7- EIRP Part 27.50(h)(2)
Limits: ≤33 dBm (2W)
LTE BAND 7 QPSK-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2502.50	-17.13	-28.70	10.70	22.27	H	33.00
2535.00	-17.23	-28.60	10.70	22.07	H	33.00
2567.50	-16.82	-28.60	10.70	22.48	H	33.00

LTE BAND 7 QPSK-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2505.00	-17.44	-28.70	10.70	21.96	H	33.00
2535.00	-17.45	-28.60	10.70	21.85	H	33.00
2565.00	-17.12	-28.60	10.70	22.18	H	33.00

LTE BAND 7 QPSK-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2507.50	-17.52	-28.70	10.70	21.88	H	33.00
2535.00	-17.64	-28.60	10.70	21.66	H	33.00
2562.50	-17.14	-28.60	10.70	22.16	H	33.00

LTE BAND 7 QPSK-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2510.00	-17.82	-28.70	10.70	21.58	H	33.00
2535.00	-17.79	-28.60	10.70	21.51	H	33.00
2560.00	-17.48	-28.60	10.70	21.82	H	33.00

LTE BAND 7 16QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2502.50	-18.20	-28.70	10.70	21.20	H	33.00
2535.00	-18.37	-28.60	10.70	20.93	H	33.00
2567.50	-17.73	-28.60	10.70	21.57	H	33.00

LTE BAND 7 16QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2505.00	-18.61	-28.70	10.70	20.79	H	33.00
2535.00	-18.68	-28.60	10.70	20.62	H	33.00
2565.00	-18.40	-28.60	10.70	20.90	H	33.00

LTE BAND 7 16QAM-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2507.50	-18.26	-28.70	10.70	21.14	H	33.00
2535.00	-18.53	-28.60	10.70	20.77	H	33.00
2562.50	-18.12	-28.60	10.70	21.18	H	33.00

LTE BAND 7 16QAM-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2510.00	-18.79	-28.70	10.70	20.61	H	33.00
2535.00	-18.84	-28.60	10.70	20.46	H	33.00
2560.00	-18.45	-28.60	10.70	20.85	H	33.00

LTE BAND 7 64QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2502.50	-19.10	-28.70	10.70	20.30	H	33.00
2535.00	-19.28	-28.60	10.70	20.02	H	33.00
2567.50	-18.69	-28.60	10.70	20.61	H	33.00

LTE BAND 7 64QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2505.00	-19.48	-28.70	10.70	19.92	H	33.00
2535.00	-19.59	-28.60	10.70	19.71	H	33.00
2565.00	-19.19	-28.60	10.70	20.11	H	33.00

LTE BAND 7 64QAM-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2507.50	-19.36	-28.70	10.70	20.04	H	33.00
2535.00	-19.50	-28.60	10.70	19.80	H	33.00
2562.50	-19.07	-28.60	10.70	20.23	H	33.00

LTE BAND 7 64QAM-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2510.00	-19.68	-28.70	10.70	19.72	H	33.00
2535.00	-19.54	-28.60	10.70	19.76	H	33.00
2560.00	-19.26	-28.60	10.70	20.04	H	33.00

LTE Band 12 - ERP Part 27.50(c)(10)
Limits: ≤34.77dBm (3W)
LTE BAND 12 QPSK-1.4MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
699.70	-10.96	-34.80	-0.93	2.15	20.75	V	34.77
707.50	-10.41	-34.70	-0.91	2.15	21.23	V	34.77
715.30	-10.91	-34.70	-0.68	2.15	20.96	V	34.77

LTE BAND 12 QPSK-3MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
700.50	-11.10	-34.80	-0.97	2.15	20.58	V	34.77
707.50	-10.59	-34.70	-0.91	2.15	21.05	V	34.77
714.50	-11.15	-34.70	-0.64	2.15	20.75	V	34.77

LTE BAND 12 QPSK-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
701.50	-11.18	-34.80	-0.97	2.15	20.50	V	34.77
707.50	-10.70	-34.70	-0.91	2.15	20.94	V	34.77
713.50	-11.26	-34.70	-0.64	2.15	20.65	V	34.77

LTE BAND 12 QPSK-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
704.00	-11.26	-34.80	-0.97	2.15	20.42	V	34.77
707.50	-10.77	-34.70	-0.91	2.15	20.87	V	34.77
711.00	-11.36	-34.70	-0.64	2.15	20.55	V	34.77

LTE BAND 12 16QAM-1.4MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
699.70	-11.98	-34.80	-0.93	2.15	19.73	V	34.77
707.50	-11.43	-34.70	-0.91	2.15	20.22	V	34.77
715.30	-12.06	-34.70	-0.68	2.15	19.81	V	34.77

LTE BAND 12 16QAM-3MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
700.50	-12.09	-34.80	-0.97	2.15	19.59	V	34.77
707.50	-11.62	-34.70	-0.91	2.15	20.03	V	34.77
714.50	-12.23	-34.70	-0.64	2.15	19.67	V	34.77

LTE BAND 12 16QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
701.50	-12.22	-34.80	-0.97	2.15	19.46	V	34.77
707.50	-11.78	-34.70	-0.91	2.15	19.87	V	34.77
713.50	-12.26	-34.70	-0.64	2.15	19.64	V	34.77

LTE BAND 12 16QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
704.00	-12.29	-34.80	-0.97	2.15	19.39	V	34.77
707.50	-11.81	-34.70	-0.91	2.15	19.84	V	34.77
711.00	-12.39	-34.70	-0.64	2.15	19.51	V	34.77

LTE BAND 12 64QAM-1.4MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
699.70	-13.00	-34.80	-0.93	2.15	18.72	V	34.77
707.50	-12.53	-34.70	-0.91	2.15	19.12	V	34.77
715.30	-13.08	-34.70	-0.68	2.15	18.79	V	34.77

LTE BAND 12 64QAM-3MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
700.50	-13.07	-34.80	-0.97	2.15	18.62	V	34.77
707.50	-12.62	-34.70	-0.91	2.15	19.02	V	34.77
714.50	-13.11	-34.70	-0.64	2.15	18.80	V	34.77

LTE BAND 12 64QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
701.50	-13.25	-34.80	-0.97	2.15	18.43	V	34.77
707.50	-12.80	-34.70	-0.91	2.15	18.84	V	34.77
713.50	-13.19	-34.70	-0.64	2.15	18.71	V	34.77

LTE BAND 12 64QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
704.00	-13.37	-34.80	-0.97	2.15	18.31	V	34.77
707.50	-12.88	-34.70	-0.91	2.15	18.76	V	34.77
711.00	-13.47	-34.70	-0.64	2.15	18.44	V	34.77

LTE Band 13- ERP Part 27.50(b)(10)
Limits: ≤34.77dBm (3W)
LTE BAND 13 QPSK-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
779.50	-10.21	-34.00	-0.08	2.15	21.56	V	34.77
782.00	-9.95	-34.00	-0.13	2.15	21.78	V	34.77
784.50	-10.08	-34.00	-0.13	2.15	21.64	V	34.77

LTE BAND 13 QPSK-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
782.00	-10.36	-34.00	-0.13	2.15	21.37	V	34.77

LTE BAND 13 16QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
779.50	-11.30	-34.00	-0.08	2.15	20.47	V	34.77
782.00	-11.14	-34.00	-0.13	2.15	20.59	V	34.77
784.50	-11.22	-34.00	-0.13	2.15	20.50	V	34.77

LTE BAND 13 16QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
782.00	-11.23	-34.00	-0.13	2.15	20.50	V	34.77

LTE BAND 13 64QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
779.50	-12.17	-34.00	-0.08	2.15	19.60	V	34.77
782.00	-12.01	-34.00	-0.13	2.15	19.72	V	34.77
784.50	-12.09	-34.00	-0.13	2.15	19.63	V	34.77

LTE BAND 13 64QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
782.00	-12.12	-34.00	-0.13	2.15	19.61	V	34.77

LTE Band 14- ERP Part 90.542(a)(7)
Limits: ≤34.77dBm (3W)
LTE BAND 14 QPSK-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
790.50	-9.82	-34.00	-0.42	2.15	21.61	V	34.77
793.00	-10.03	-33.90	-0.42	2.15	21.30	V	34.77
795.50	-10.19	-33.90	-0.46	2.15	21.10	V	34.77

LTE BAND 14 QPSK-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
793.00	-10.41	-33.90	-0.42	2.15	20.92	V	34.77

LTE BAND 14 16QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
790.50	-10.83	-34.00	-0.42	2.15	20.60	V	34.77
793.00	-11.12	-33.90	-0.42	2.15	20.21	V	34.77
795.50	-11.29	-33.90	-0.46	2.15	20.00	V	34.77

LTE BAND 14 16QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
793.00	-11.18	-33.90	-0.42	2.15	20.15	V	34.77

LTE BAND 14 64QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
790.50	-11.60	-34.00	-0.42	2.15	19.83	V	34.77
793.00	-11.79	-33.90	-0.42	2.15	19.54	V	34.77
795.50	-12.09	-33.90	-0.46	2.15	19.20	V	34.77

LTE BAND 14 64QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
793.00	-11.98	-33.90	-0.42	2.15	19.35	V	34.77

LTE Band 25(824MHz-849MHz)- ERP Part 24.232(c)
Limits: ≤33dBm (2W)
LTE BAND 25 QPSK-1.4MHz
LTE BAND 25 QPSK-1.4MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1850.70	-14.94	-29.30	8.10	22.46	H	33.00
1882.50	-15.20	-29.40	8.10	22.30	H	33.00
1914.30	-15.47	-29.30	8.10	21.93	H	33.00

LTE BAND 25 QPSK-3MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1851.50	-15.15	-29.30	8.10	22.25	H	33.00
1882.50	-15.38	-29.40	8.10	22.12	H	33.00
1913.50	-15.72	-29.30	8.10	21.68	H	33.00

LTE BAND 25 QPSK-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1852.50	-15.29	-29.30	8.10	22.11	H	33.00
1882.50	-15.50	-29.40	8.10	22.00	H	33.00
1912.50	-15.88	-29.30	8.10	21.52	H	33.00

LTE BAND 25 QPSK-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1855.00	-15.37	-29.30	8.10	22.03	H	33.00
1882.00	-15.66	-29.40	8.10	21.84	H	33.00
1910.00	-15.98	-29.30	8.10	21.42	H	33.00

LTE BAND 25 QPSK-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1857.50	-15.48	-29.30	8.10	21.92	H	33.00
1882.50	-15.81	-29.40	8.10	21.69	H	33.00
1907.50	-16.06	-29.30	8.10	21.34	H	33.00

LTE BAND 25 QPSK-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1860.00	-15.64	-29.30	8.10	21.76	H	33.00
1882.50	-15.91	-29.40	8.10	21.59	H	33.00

1905.00	-16.22	-29.30	8.10	21.18	H	33.00
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LTE BAND 25 16QAM-1.4MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1850.70	-15.96	-29.30	8.10	21.44	H	33.00
1882.50	-16.29	-29.40	8.10	21.21	H	33.00
1914.30	-16.52	-29.30	8.10	20.88	H	33.00

LTE BAND 25 16QAM-3MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1851.50	-16.04	-29.30	8.10	21.36	H	33.00
1882.50	-16.40	-29.40	8.10	21.10	H	33.00
1913.50	-16.80	-29.30	8.10	20.60	H	33.00

LTE BAND 25 16QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1852.50	-16.34	-29.30	8.10	21.06	H	33.00
1882.50	-16.57	-29.40	8.10	20.93	H	33.00
1912.50	-16.97	-29.30	8.10	20.43	H	33.00

LTE BAND 25 16QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1855.00	-16.41	-29.30	8.10	20.99	H	33.00
1882.00	-16.69	-29.40	8.10	20.81	H	33.00
1910.00	-17.02	-29.30	8.10	20.38	H	33.00

LTE BAND 25 16QAM-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1857.50	-16.49	-29.30	8.10	20.91	H	33.00
1882.50	-16.83	-29.40	8.10	20.67	H	33.00
1907.50	-17.07	-29.30	8.10	20.33	H	33.00

LTE BAND 25 16QAM-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1860.00	-16.73	-29.30	8.10	20.67	H	33.00
1882.50	-16.97	-29.40	8.10	20.53	H	33.00
1905.00	-17.32	-29.30	8.10	20.08	H	33.00

LTE BAND 25 64QAM-1.4MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1850.70	-16.78	-29.30	8.10	20.62	H	33.00
1882.50	-17.19	-29.40	8.10	20.31	H	33.00
1914.30	-17.34	-29.30	8.10	20.05	H	33.00

LTE BAND 25 64QAM-3MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1851.50	-16.92	-29.30	8.10	20.48	H	33.00
1882.50	-17.28	-29.40	8.10	20.22	H	33.00
1913.50	-17.67	-29.30	8.10	19.73	H	33.00

LTE BAND 25 64QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1852.50	-17.07	-29.30	8.10	20.34	H	33.00
1882.50	-17.30	-29.40	8.10	20.20	H	33.00
1912.50	-17.70	-29.30	8.10	19.70	H	33.00

LTE BAND 25 64QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1855.00	-17.29	-29.30	8.10	20.11	H	33.00
1882.00	-17.57	-29.40	8.10	19.93	H	33.00
1910.00	-17.91	-29.30	8.10	19.49	H	33.00

LTE BAND 25 64QAM-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1857.50	-17.30	-29.30	8.10	20.10	H	33.00
1882.50	-17.63	-29.40	8.10	19.87	H	33.00
1907.50	-17.87	-29.30	8.10	19.53	H	33.00

LTE BAND 25 64QAM-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1860.00	-17.48	-29.30	8.10	19.92	H	33.00
1882.50	-17.81	-29.40	8.10	19.69	H	33.00
1905.00	-18.06	-29.30	8.10	19.34	H	33.00

LTE Band 26(824MHz-849MHz)- ERP Part 22.913(a)
Limits: ≤38.45dBm (7W)
LTE BAND 26 QPSK-1.4MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
824.70	-8.97	-33.60	-0.79	2.15	21.69	H	38.45
836.50	-9.41	-33.50	-0.74	2.15	21.21	H	38.45
848.30	-8.79	-33.50	-0.73	2.15	21.83	H	38.45

LTE BAND 26 QPSK-3MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
825.50	-9.14	-33.60	-0.79	2.15	21.52	H	38.45
836.50	-9.59	-33.50	-0.74	2.15	21.03	H	38.45
847.50	-9.00	-33.50	-0.73	2.15	21.62	H	38.45

LTE BAND 26 QPSK-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
826.50	-9.22	-33.60	-0.79	2.15	21.44	H	38.45
836.50	-9.70	-33.50	-0.74	2.15	20.92	H	38.45
846.50	-9.10	-33.50	-0.73	2.15	21.52	H	38.45

LTE BAND 26 QPSK-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
829.00	-9.30	-33.60	-0.79	2.15	21.36	H	38.45
836.50	-9.77	-33.50	-0.74	2.15	20.85	H	38.45
844.00	-9.20	-33.50	-0.73	2.15	21.42	H	38.45

LTE BAND 26 QPSK-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
831.50	-9.41	-33.60	-0.79	2.15	21.25	H	38.45
836.50	-9.84	-33.50	-0.74	2.15	20.77	H	38.45
841.50	-9.27	-33.50	-0.73	2.15	21.34	H	38.45

LTE BAND 26 16QAM-1.4MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(n(dB)	ERP(dBm)	Polarization	Limit(dBm)
824.70	-9.99	-33.60	-0.79	2.15	20.67	H	38.45
836.50	-10.42	-33.50	-0.74	2.15	20.19	H	38.45
848.30	-9.94	-33.50	-0.73	2.15	20.68	H	38.45

LTE BAND 26 16QAM-3MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(n(dB)	ERP(dBm)	Polarization	Limit(dBm)
825.50	-10.13	-33.60	-0.79	2.15	20.53	H	38.45
836.50	-10.61	-33.50	-0.74	2.15	20.00	H	38.45
847.50	-10.07	-33.50	-0.73	2.15	20.54	H	38.45

LTE BAND 26 16QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(n(dB)	ERP(dBm)	Polarization	Limit(dBm)
826.50	-10.26	-33.60	-0.79	2.15	20.39	H	38.45
836.50	-10.77	-33.50	-0.74	2.15	19.84	H	38.45
846.50	-10.11	-33.50	-0.73	2.15	20.51	H	38.45

LTE BAND 26 16QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(n(dB)	ERP(dBm)	Polarization	Limit(dBm)
829.00	-10.33	-33.60	-0.79	2.15	20.32	H	38.45
836.50	-10.80	-33.50	-0.74	2.15	19.81	H	38.45
844.00	-10.23	-33.50	-0.73	2.15	20.38	H	38.45

LTE BAND 26 16QAM-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(n(dB)	ERP(dBm)	Polarization	Limit(dBm)
831.50	-10.52	-33.60	-0.79	2.15	20.14	H	38.45
836.50	-10.95	-33.50	-0.74	2.15	19.66	H	38.45
841.50	-10.39	-33.50	-0.73	2.15	20.23	H	38.45

LTE BAND 26 64QAM-1.4MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(n(dB)	ERP(dBm)	Polarization	Limit(dBm)
824.70	-11.00	-33.60	-0.79	2.15	19.65	H	38.45
836.50	-11.52	-33.50	-0.74	2.15	19.09	H	38.45
848.30	-10.96	-33.50	-0.73	2.15	19.66	H	38.45

LTE BAND 26 64QAM-3MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(n(dB)	ERP(dBm)	Polarization	Limit(dBm)
825.50	-11.11	-33.60	-0.79	2.15	19.55	H	38.45
836.50	-11.62	-33.50	-0.74	2.15	19.00	H	38.45
847.50	-10.95	-33.50	-0.73	2.15	19.67	H	38.45

LTE BAND 26 64QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(n(dB)	ERP(dBm)	Polarization	Limit(dBm)
826.50	-11.29	-33.60	-0.79	2.15	19.36	H	38.45
836.50	-11.80	-33.50	-0.74	2.15	18.82	H	38.45
846.50	-11.03	-33.50	-0.73	2.15	19.59	H	38.45

LTE BAND 26 64QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(n(dB)	ERP(dBm)	Polarization	Limit(dBm)
829.00	-11.41	-33.60	-0.79	2.15	19.25	H	38.45
836.50	-11.88	-33.50	-0.74	2.15	18.74	H	38.45
844.00	-11.31	-33.50	-0.73	2.15	19.31	H	38.45

LTE BAND 26 64QAM-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(n(dB)	ERP(dBm)	Polarization	Limit(dBm)
831.50	-11.52	-33.60	-0.79	2.15	19.13	H	38.45
836.50	-11.96	-33.50	-0.74	2.15	18.66	H	38.45
841.50	-11.39	-33.50	-0.73	2.15	19.23	H	38.45

LTE Band 26(814MHz-824MHz)- ERP Part 90.635(b)
Limits: ≤50.00dBm (100W)
LTE BAND 26 QPSK-1.4MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
814.70	-9.39	-33.70	-0.80	2.15	21.36	H	50.00
819.00	-9.61	-33.60	-0.75	2.15	21.10	H	50.00
823.30	-9.21	-33.60	-0.79	2.15	21.45	H	50.00

LTE BAND 26 QPSK-3MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
815.50	-9.57	-33.70	-0.80	2.15	21.18	H	50.00
819.00	-9.78	-33.60	-0.75	2.15	20.92	H	50.00
822.50	-9.42	-33.60	-0.79	2.15	21.24	H	50.00

LTE BAND 26 QPSK-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
816.50	-9.64	-33.70	-0.80	2.15	21.11	H	50.00
819.00	-9.89	-33.60	-0.75	2.15	20.81	H	50.00
821.50	-9.52	-33.60	-0.79	2.15	21.14	H	50.00

LTE BAND 26 QPSK-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
819.00	-9.63	-33.60	-0.80	2.15	21.02	H	50.00
819.00	-9.96	-33.60	-0.75	2.15	20.74	H	50.00
819.00	-9.62	-33.60	-0.79	2.15	21.04	H	50.00

LTE BAND 26 16QAM-1.4MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(n(dB)	ERP(dBm)	Polarization	Limit(dBm)
814.70	-10.41	-33.70	-0.80	2.15	20.34	H	50.00
819.00	-10.62	-33.60	-0.75	2.15	20.09	H	50.00
823.30	-10.36	-33.60	-0.79	2.15	20.29	H	50.00

LTE BAND 26 16QAM-3MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(n(dB)	ERP(dBm)	Polarization	Limit(dBm)
815.50	-10.55	-33.70	-0.80	2.15	20.20	H	50.00
819.00	-10.81	-33.60	-0.75	2.15	19.90	H	50.00
822.50	-10.50	-33.60	-0.79	2.15	20.16	H	50.00

LTE BAND 26 16QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(n(dB)	ERP(dBm)	Polarization	Limit(dBm)
816.50	-10.69	-33.70	-0.80	2.15	20.06	H	50.00
819.00	-10.97	-33.60	-0.75	2.15	19.73	H	50.00
821.50	-10.53	-33.60	-0.79	2.15	20.13	H	50.00

LTE BAND 26 16QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(n(dB)	ERP(dBm)	Polarization	Limit(dBm)
819.00	-10.66	-33.60	-0.80	2.15	19.99	H	50.00
819.00	-11.00	-33.60	-0.75	2.15	19.70	H	50.00
819.00	-10.66	-33.60	-0.79	2.15	20.00	H	50.00

LTE BAND 26 64QAM-1.4MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
814.70	-11.43	-33.70	-0.80	2.15	19.32	H	50.00
819.00	-11.72	-33.60	-0.75	2.15	18.98	H	50.00
823.30	-11.38	-33.60	-0.79	2.15	19.27	H	50.00

LTE BAND 26 64QAM-3MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
815.50	-11.53	-33.70	-0.80	2.15	19.22	H	50.00
819.00	-11.82	-33.60	-0.75	2.15	18.89	H	50.00
822.50	-11.37	-33.60	-0.79	2.15	19.28	H	50.00

LTE BAND 26 64QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
816.50	-11.72	-33.70	-0.80	2.15	19.03	H	50.00
819.00	-12.00	-33.60	-0.75	2.15	18.71	H	50.00
821.50	-11.45	-33.60	-0.79	2.15	19.20	H	50.00

LTE BAND 26 64QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
819.00	-11.74	-33.60	-0.80	2.15	18.91	H	50.00
819.00	-12.08	-33.60	-0.75	2.15	18.63	H	50.00
819.00	-11.73	-33.60	-0.79	2.15	18.92	H	50.00

LTE Band 30 - ERP Part 27.50(a)(3)
Limits: $\leq 23.98\text{dBm}$ (0.25W)
LTE BAND 30 QPSK-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2307.50	-16.51	-28.80	9.80	22.09	H	23.98
2310.00	-16.56	-28.80	9.80	22.04	H	23.98
2312.50	-16.63	-28.80	9.80	21.97	H	23.98

LTE BAND 30 QPSK-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2310.00	-16.97	-28.80	9.80	21.63	H	23.98

LTE BAND 30 16QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2307.50	-17.60	-28.80	9.80	21.00	H	23.98
2310.00	-17.75	-28.80	9.80	20.85	H	23.98
2312.50	-17.77	-28.80	9.80	20.83	H	23.98

LTE BAND 30 16QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2310.00	-17.84	-28.80	9.80	20.76	H	23.98

LTE BAND 30 64QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2307.50	-18.47	-28.80	9.80	20.13	H	23.98
2310.00	-18.62	-28.80	9.80	19.98	H	23.98
2312.50	-18.64	-28.80	9.80	19.96	H	23.98

LTE BAND 30 64QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2310.00	-18.73	-28.80	9.80	19.87	H	23.98

LTE Band 38 - EIRP Part 27.50(h)(2)
Limits: ≤33dBm (2W)
LTE BAND 38 QPSK-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2572.50	-17.25	-28.60	10.70	22.05	H	33.00
2595.00	-16.95	-28.60	10.70	22.35	H	33.00
2617.50	-16.89	-28.60	10.70	22.41	H	33.00

LTE BAND 38 QPSK-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2575.00	-17.57	-28.60	10.70	21.73	H	33.00
2595.00	-17.22	-28.60	10.70	22.08	H	33.00
2615.00	-17.19	-28.60	10.70	22.11	H	33.00

LTE BAND 38 QPSK-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2577.50	-17.66	-28.60	10.70	21.64	H	33.00
2595.00	-17.40	-28.60	10.70	21.90	H	33.00
2612.50	-17.38	-28.60	10.70	21.92	H	33.00

LTE BAND 38 QPSK-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2580.00	-17.94	-28.60	10.70	21.36	H	33.00
2595.00	-17.61	-28.60	10.70	21.69	H	33.00
2610.00	-17.65	-28.60	10.70	21.65	H	33.00

LTE BAND 38 16QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2572.50	-18.32	-28.60	10.70	20.98	H	33.00
2595.00	-18.09	-28.60	10.70	21.21	H	33.00
2617.50	-17.80	-28.60	10.70	21.50	H	33.00

LTE BAND 38 16QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2575.00	-18.74	-28.60	10.70	20.56	H	33.00
2595.00	-18.45	-28.60	10.70	20.85	H	33.00
2615.00	-18.47	-28.60	10.70	20.83	H	33.00

LTE BAND 38 16QAM-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2577.50	-18.40	-28.60	10.70	20.90	H	33.00
2595.00	-18.29	-28.60	10.70	21.01	H	33.00
2612.50	-18.36	-28.60	10.70	20.94	H	33.00

LTE BAND 38 16QAM-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2580.00	-18.91	-28.60	10.70	20.39	H	33.00
2595.00	-19.06	-28.60	10.70	20.24	H	33.00
2610.00	-18.52	-28.60	10.70	20.78	H	33.00

LTE BAND 38 64QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2572.50	-19.22	-28.60	10.70	20.08	H	33.00
2595.00	-19.00	-28.60	10.70	20.30	H	33.00
2617.50	-18.76	-28.60	10.70	20.54	H	33.00

LTE BAND 38 64QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2575.00	-19.61	-28.60	10.70	19.69	H	33.00
2595.00	-19.36	-28.60	10.70	19.94	H	33.00
2615.00	-19.26	-28.60	10.70	20.04	H	33.00

LTE BAND 38 64QAM-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2577.50	-19.50	-28.60	10.70	19.80	H	33.00
2595.00	-19.46	-28.60	10.70	19.84	H	33.00
2612.50	-19.61	-28.60	10.70	19.69	H	33.00

LTE BAND 38 64QAM-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2580.00	-19.80	-28.60	10.70	19.50	H	33.00
2595.00	-19.96	-28.60	10.70	19.34	H	33.00
2610.00	-19.33	-28.60	10.70	19.97	H	33.00

LTE Band 41- EIRP Part 27.50(d)(2)
Limits: ≤33dBm (2W)
LTE BAND 41 QPSK-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2498.50	-16.96	-28.70	10.70	22.44	H	33.00
2593.00	-16.99	-28.60	10.70	22.31	H	33.00
2687.50	-16.80	-28.50	10.70	22.40	H	33.00

LTE BAND 41 QPSK-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2501.00	-17.23	-28.70	10.70	22.17	H	33.00
2593.00	-17.21	-28.60	10.70	22.09	H	33.00
2685.00	-17.12	-28.50	10.70	22.08	H	33.00

LTE BAND 41 QPSK-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2503.50	-17.35	-28.70	10.70	22.05	H	33.00
2593.00	-17.50	-28.60	10.70	21.80	H	33.00
2682.50	-17.24	-28.50	10.70	21.96	H	33.00

LTE BAND 41 QPSK-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
2506.00	-17.63	-28.70	10.70	21.77	H	33.00
2593.00	-17.75	-28.60	10.70	21.55	H	33.00
2680.00	-17.51	-28.50	10.70	21.69	H	33.00

LTE BAND 41 16QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP (dBm)	Polarization	Limit (dBm)
2498.50	-18.55	-28.70	10.70	20.85	H	33.00
2593.00	-17.83	-28.60	10.70	21.47	H	33.00
2687.50	-17.70	-28.50	10.70	21.50	H	33.00

LTE BAND 41 16QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP (dBm)	Polarization	Limit (dBm)
2501.00	-18.95	-28.70	10.70	20.45	H	33.00
2593.00	-18.16	-28.60	10.70	21.14	H	33.00
2685.00	-18.25	-28.50	10.70	20.95	H	33.00

LTE BAND 41 16QAM-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP (dBm)	Polarization	Limit (dBm)
2503.50	-18.76	-28.70	10.70	20.64	H	33.00
2593.00	-18.23	-28.60	10.70	21.07	H	33.00
2682.50	-18.10	-28.50	10.70	21.10	H	33.00

LTE BAND 41 16QAM-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP (dBm)	Polarization	Limit (dBm)
2506.00	-19.16	-28.70	10.70	20.24	H	33.00
2593.00	-18.53	-28.60	10.70	20.77	H	33.00
2680.00	-18.63	-28.50	10.70	20.57	H	33.00

LTE BAND 41 64QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP (dBm)	Polarization	Limit (dBm)
2498.50	-19.48	-28.70	10.70	19.92	H	33.00
2593.00	-18.83	-28.60	10.70	20.47	H	33.00
2687.50	-18.60	-28.50	10.70	20.60	H	33.00

LTE BAND 41 64QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP (dBm)	Polarization	Limit (dBm)
2501.00	-19.72	-28.70	10.70	19.68	H	33.00
2593.00	-19.13	-28.60	10.70	20.17	H	33.00
2685.00	-19.20	-28.50	10.70	20.00	H	33.00

LTE BAND 41 64QAM-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP (dBm)	Polarization	Limit (dBm)
2503.50	-19.86	-28.70	10.70	19.54	H	33.00
2593.00	-19.44	-28.60	10.70	19.86	H	33.00
2682.50	-19.45	-28.50	10.70	19.75	H	33.00

LTE BAND 41 64QAM-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP (dBm)	Polarization	Limit (dBm)
2506.00	-20.07	-28.70	10.70	19.33	H	33.00
2593.00	-19.52	-28.60	10.70	19.78	H	33.00
2680.00	-19.47	-28.50	10.70	19.73	H	33.00

LTE Band 42 - ERP Part 27.50(k)(3)
Limits: ≤30dBm (1W)
LTE BAND 42 QPSK-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3452.50	-17.69	-28.70	10.70	21.71	H	30.00
3500.00	-17.41	-28.60	10.70	21.89	H	30.00
3547.50	-17.42	-28.50	10.70	21.78	H	30.00

LTE BAND 42 QPSK-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3455.00	-17.97	-28.70	10.70	21.43	H	30.00
3550.00	-17.62	-28.60	10.70	21.68	H	30.00
3545.00	-17.74	-28.50	10.70	21.46	H	30.00

LTE BAND 42 QPSK-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3457.50	-18.08	-28.70	10.70	21.32	H	30.00
3550.00	-17.92	-28.60	10.70	21.38	H	30.00
3542.50	-17.86	-28.50	10.70	21.34	H	30.00

LTE BAND 42 QPSK-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3460.00	-18.36	-28.70	10.70	21.04	H	30.00
3550.00	-18.17	-28.60	10.70	21.13	H	30.00
3540.00	-18.13	-28.50	10.70	21.07	H	30.00

LTE BAND 42 16QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3452.50	-18.86	-28.70	10.70	20.54	H	30.00
3500.00	-18.48	-28.60	10.70	20.82	H	30.00
3547.50	-18.39	-28.50	10.70	20.81	H	30.00

LTE BAND 42 16QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3455.00	-19.26	-28.70	10.70	20.14	H	30.00
3550.00	-18.81	-28.60	10.70	20.49	H	30.00
3545.00	-18.95	-28.50	10.70	20.25	H	30.00

LTE BAND 42 16QAM-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3457.50	-19.07	-28.70	10.70	20.33	H	30.00
3550.00	-18.88	-28.60	10.70	20.42	H	30.00
3542.50	-18.79	-28.50	10.70	20.41	H	30.00

LTE BAND 42 16QAM-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3460.00	-19.47	-28.70	10.70	19.93	H	30.00
3550.00	-19.18	-28.60	10.70	20.12	H	30.00
3540.00	-19.32	-28.50	10.70	19.88	H	30.00

LTE BAND 42 64QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3452.50	-19.79	-28.70	10.70	19.61	H	30.00
3500.00	-19.48	-28.60	10.70	19.82	H	30.00
3547.50	-19.30	-28.50	10.70	19.90	H	30.00

LTE BAND 42 64QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3455.00	-20.03	-28.70	10.70	19.37	H	30.00
3550.00	-19.78	-28.60	10.70	19.52	H	30.00
3545.00	-19.90	-28.50	10.70	19.30	H	30.00

LTE BAND 42 64QAM-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3457.50	-20.17	-28.70	10.70	19.23	H	30.00
3550.00	-20.09	-28.60	10.70	19.21	H	30.00
3542.50	-20.14	-28.50	10.70	19.06	H	30.00

LTE BAND 42 64QAM-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3460.00	-20.38	-28.70	10.70	19.02	H	30.00
3550.00	-20.17	-28.60	10.70	19.13	H	30.00
3540.00	-20.16	-28.50	10.70	19.04	H	30.00

LTE Band 42 - EIRP Part 96.41(b)
Limits: $\leq 23\text{dBm}/10\text{MHz}$
LTE BAND 42 QPSK-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3552.50	-18.14	-28.70	10.70	21.26	H	23.00
3575.00	-18.19	-28.60	10.70	21.11	H	23.00
3597.50	-18.02	-28.50	10.70	21.18	H	23.00

LTE BAND 42 QPSK-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3555.00	-18.42	-28.70	10.70	20.98	H	23.00
3575.00	-18.40	-28.60	10.70	20.90	H	23.00
3595.00	-18.34	-28.50	10.70	20.86	H	23.00

LTE BAND 42 QPSK-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3557.50	-18.53	-28.70	10.70	20.87	H	23.00
3575.00	-18.70	-28.60	10.70	20.60	H	23.00
3592.50	-18.46	-28.50	10.70	20.74	H	23.00

LTE BAND 42 QPSK-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3560.00	-18.81	-28.70	10.70	20.59	H	23.00
3575.00	-18.95	-28.60	10.70	20.35	H	23.00
3590.00	-18.73	-28.50	10.70	20.47	H	23.00

LTE BAND 42 16QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3552.50	-19.31	-28.70	10.70	20.09	H	30.00
3575.00	-19.26	-28.60	10.70	20.04	H	30.00
3597.50	-18.99	-28.50	10.70	20.21	H	30.00

LTE BAND 42 16QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3555.00	-19.71	-28.70	10.70	19.69	H	30.00
3575.00	-19.59	-28.60	10.70	19.71	H	30.00
3595.00	-19.55	-28.50	10.70	19.65	H	30.00

LTE BAND 42 16QAM-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3557.50	-19.52	-28.70	10.70	19.88	H	30.00
3575.00	-19.66	-28.60	10.70	19.64	H	30.00
3592.50	-19.39	-28.50	10.70	19.81	H	30.00

LTE BAND 42 16QAM-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3560.00	-19.92	-28.70	10.70	19.48	H	30.00
3575.00	-19.96	-28.60	10.70	19.34	H	30.00
3590.00	-19.92	-28.50	10.70	19.28	H	30.00

LTE BAND 42 64QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3552.50	-20.24	-28.70	10.70	19.16	H	30.00
3575.00	-20.26	-28.60	10.70	19.04	H	30.00
3597.50	-19.90	-28.50	10.70	19.30	H	30.00

LTE BAND 42 64QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3555.00	-20.48	-28.70	10.70	18.92	H	30.00
3575.00	-20.56	-28.60	10.70	18.74	H	30.00
3595.00	-20.50	-28.50	10.70	18.70	H	30.00

LTE BAND 42 64QAM-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3557.50	-20.62	-28.70	10.70	18.78	H	30.00
3575.00	-20.87	-28.60	10.70	18.43	H	30.00
3592.50	-20.74	-28.50	10.70	18.46	H	30.00

LTE BAND 42 64QAM-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3560.00	-20.83	-28.70	10.70	18.57	H	30.00
3575.00	-20.95	-28.60	10.70	18.35	H	30.00
3590.00	-20.76	-28.50	10.70	18.44	H	30.00

LTE Band 43 - EIRP Part 96.41(b)
Limits: $\leq 23\text{dBm}/10\text{MHz}$
LTE BAND 43 QPSK-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3602.50	-18.15	-28.70	10.70	21.25	H	23.00
3650.00	-17.94	-28.60	10.70	21.36	H	23.00
3697.50	-17.82	-28.50	10.70	21.38	H	23.00

LTE BAND 43 QPSK-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3605.00	-18.43	-28.70	10.70	20.97	H	23.00
3650.00	-18.15	-28.60	10.70	21.15	H	23.00
3695.00	-18.14	-28.50	10.70	21.06	H	23.00

LTE BAND 43 QPSK-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3607.50	-18.54	-28.70	10.70	20.86	H	23.00
3650.00	-18.45	-28.60	10.70	20.85	H	23.00
3692.50	-18.26	-28.50	10.70	20.94	H	23.00

LTE BAND 43 QPSK-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3610.00	-18.82	-28.70	10.70	20.58	H	23.00
3650.00	-18.70	-28.60	10.70	20.60	H	23.00
3690.00	-18.53	-28.50	10.70	20.67	H	23.00

LTE BAND 43 16QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3602.50	-19.32	-28.70	10.70	20.08	H	30.00
3650.00	-19.01	-28.60	10.70	20.29	H	30.00
3697.50	-18.79	-28.50	10.70	20.41	H	30.00

LTE BAND 43 16QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3605.00	-19.72	-28.70	10.70	19.68	H	30.00
3650.00	-19.34	-28.60	10.70	19.96	H	30.00
3695.00	-19.35	-28.50	10.70	19.85	H	30.00

LTE BAND 43 16QAM-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3607.50	-19.53	-28.70	10.70	19.87	H	30.00
3650.00	-19.41	-28.60	10.70	19.89	H	30.00
3692.50	-19.19	-28.50	10.70	20.01	H	30.00

LTE BAND 43 16QAM-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3610.00	-19.93	-28.70	10.70	19.47	H	30.00
3650.00	-19.71	-28.60	10.70	19.59	H	30.00
3690.00	-19.72	-28.50	10.70	19.48	H	30.00

LTE BAND 43 64QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3602.50	-20.25	-28.70	10.70	19.15	H	30.00
3650.00	-20.01	-28.60	10.70	19.29	H	30.00
3697.50	-19.70	-28.50	10.70	19.50	H	30.00

LTE BAND 43 64QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3605.00	-20.49	-28.70	10.70	18.91	H	30.00
3650.00	-20.31	-28.60	10.70	18.99	H	30.00
3695.00	-20.30	-28.50	10.70	18.90	H	30.00

LTE BAND 43 64QAM-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3607.50	-20.63	-28.70	10.70	18.77	H	30.00
3650.00	-20.62	-28.60	10.70	18.68	H	30.00
3692.50	-20.54	-28.50	10.70	18.66	H	30.00

LTE BAND 43 64QAM-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3610.00	-20.84	-28.70	10.70	18.56	H	30.00
3650.00	-20.70	-28.60	10.70	18.60	H	30.00
3690.00	-20.56	-28.50	10.70	18.64	H	30.00

LTE Band 48- EIRP Part 96.41(b)
Limits: ≤23dBm/10MHz

LTE BAND 48 QPSK-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3552.50	-17.97	-28.70	10.70	21.43	H	23.00
3625.00	-17.40	-28.60	10.70	21.90	H	23.00
3697.50	-17.74	-28.60	10.70	21.56	H	23.00

LTE BAND 48 QPSK-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3555.00	-18.05	-28.70	10.70	21.35	H	23.00
3625.00	-17.83	-28.60	10.70	21.47	H	23.00
3695.00	-17.87	-28.60	10.70	21.43	H	23.00

LTE BAND 48 QPSK-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3557.50	-18.28	-28.70	10.70	21.12	H	23.00
3625.00	-17.96	-28.60	10.70	21.34	H	23.00
3692.50	-17.98	-28.60	10.70	21.32	H	23.00

LTE BAND 48 QPSK-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3560.00	-18.40	-28.70	10.70	21.00	H	23.00
3625.00	-18.08	-28.60	10.70	21.22	H	23.00
3690.00	-18.21	-28.60	10.70	21.09	H	23.00

LTE BAND 48 16QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3552.50	-18.77	-28.70	10.70	20.63	H	23.00
3625.00	-18.24	-28.60	10.70	21.06	H	23.00
3697.50	-18.39	-28.60	10.70	20.91	H	23.00

LTE BAND 48 16QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3555.00	-19.17	-28.70	10.70	20.23	H	23.00
3625.00	-18.00	-28.60	10.70	21.30	H	23.00
3695.00	-18.23	-28.60	10.70	21.07	H	23.00

LTE BAND 48 16QAM-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3557.50	-19.39	-28.70	10.70	20.01	H	23.00
3625.00	-18.43	-28.60	10.70	20.87	H	23.00
3692.50	-18.34	-28.60	10.70	20.96	H	23.00

LTE BAND 48 16QAM-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3560.00	-19.46	-28.70	10.70	19.94	H	23.00
3625.00	-18.51	-28.60	10.70	20.79	H	23.00
3690.00	-18.73	-28.60	10.70	20.57	H	23.00

LTE BAND 48 64QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3552.50	-19.57	-28.70	10.70	19.83	H	23.00
3625.00	-18.24	-28.60	10.70	21.06	H	23.00
3697.50	-18.56	-28.60	10.70	20.74	H	23.00

LTE BAND 48 64QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3555.00	-19.28	-28.70	10.70	20.12	H	23.00
3625.00	-18.08	-28.60	10.70	21.22	H	23.00
3695.00	-18.30	-28.60	10.70	21.00	H	23.00

LTE BAND 48 64QAM-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3557.50	-19.52	-28.70	10.70	19.88	H	23.00
3625.00	-18.23	-28.60	10.70	21.07	H	23.00
3692.50	-18.46	-28.60	10.70	20.84	H	23.00

LTE BAND 48 64QAM-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
3560.00	-19.77	-28.70	10.70	19.63	H	23.00
3625.00	-18.58	-28.60	10.70	20.72	H	23.00
3690.00	-18.93	-28.60	10.70	20.37	H	23.00

LTE Band 66- EIRP Part 27.50(d)(4)
Limits: ≤30dBm (1W)

LTE BAND 66 QPSK-1.4MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1710.70	-15.39	-29.60	8.10	22.31	H	30.00
1745.00	-15.14	-29.50	8.10	22.46	H	30.00
1779.30	-15.06	-29.50	8.10	22.54	H	30.00

LTE BAND 66 QPSK-3MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1711.50	-15.60	-29.60	8.10	22.10	H	30.00
1745.00	-15.32	-29.50	8.10	22.28	H	30.00
1778.50	-15.31	-29.50	8.10	22.29	H	30.00

LTE BAND 66 QPSK-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1712.50	-15.74	-29.60	8.10	21.96	H	30.00
1745.00	-15.44	-29.50	8.10	22.16	H	30.00
1777.50	-15.47	-29.50	8.10	22.13	H	30.00

LTE BAND 66 QPSK-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1715.00	-15.82	-29.60	8.10	21.88	H	30.00
1745.00	-15.60	-29.50	8.10	22.00	H	30.00
1775.00	-15.57	-29.50	8.10	22.03	H	30.00

LTE BAND 66 QPSK-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1717.50	-15.93	-29.60	8.10	21.77	H	30.00
1745.00	-15.75	-29.50	8.10	21.85	H	30.00
1772.53	-15.65	-29.50	8.10	21.95	H	30.00

LTE BAND 66 QPSK-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1720.00	-16.09	-29.60	8.10	21.61	H	30.00
1745.00	-15.85	-29.50	8.10	21.75	H	30.00

1770.00	-15.81	-29.50	8.10	21.79	H	30.00
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LTE BAND 66 16QAM-1.4MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1710.70	-16.41	-29.60	8.10	21.29	H	30.00
1745.00	-16.23	-29.50	8.10	21.37	H	30.00
1779.30	-16.11	-29.50	8.10	21.49	H	30.00

LTE BAND 66 16QAM-3MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1711.50	-16.49	-29.60	8.10	21.21	H	30.00
1745.00	-16.34	-29.50	8.10	21.26	H	30.00
1778.50	-16.39	-29.50	8.10	21.21	H	30.00

LTE BAND 66 16QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1712.50	-16.79	-29.60	8.10	20.91	H	30.00
1745.00	-16.51	-29.50	8.10	21.09	H	30.00
1777.50	-16.56	-29.50	8.10	21.04	H	30.00

LTE BAND 66 16QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1715.00	-16.86	-29.60	8.10	20.84	H	30.00
1745.00	-16.63	-29.50	8.10	20.97	H	30.00
1775.00	-16.61	-29.50	8.10	20.99	H	30.00

LTE BAND 66 16QAM-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1717.50	-16.94	-29.60	8.10	20.76	H	30.00
1745.00	-16.77	-29.50	8.10	20.83	H	30.00
1772.53	-16.66	-29.50	8.10	20.94	H	30.00

LTE BAND 66 16QAM-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1720.00	-17.18	-29.60	8.10	20.52	H	30.00
1745.00	-16.91	-29.50	8.10	20.69	H	30.00
1770.00	-16.91	-29.50	8.10	20.69	H	30.00

LTE BAND 66 64QAM-1.4MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1710.70	-17.23	-29.60	8.10	20.47	H	30.00
1745.00	-17.13	-29.50	8.10	20.47	H	30.00
1779.30	-16.93	-29.50	8.10	20.66	H	30.00

LTE BAND 66 64QAM-3MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1711.50	-17.37	-29.60	8.10	20.33	H	30.00
1745.00	-17.22	-29.50	8.10	20.38	H	30.00
1778.50	-17.26	-29.50	8.10	20.34	H	30.00

LTE BAND 66 64QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1712.50	-17.52	-29.60	8.10	20.18	H	30.00
1745.00	-17.24	-29.50	8.10	20.36	H	30.00
1777.50	-17.29	-29.50	8.10	20.32	H	30.00

LTE BAND 66 64QAM-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1715.00	-17.73	-29.60	8.10	19.96	H	30.00
1745.00	-17.51	-29.50	8.10	20.09	H	30.00
1775.00	-17.50	-29.50	8.10	20.10	H	30.00

LTE BAND 66 64QAM-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1717.50	-17.75	-29.60	8.10	19.95	H	30.00
1745.00	-17.57	-29.50	8.10	20.03	H	30.00
1772.53	-17.46	-29.50	8.10	20.14	H	30.00

LTE BAND 66 64QAM-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Polarization	Limit(dBm)
1720.00	-17.93	-29.60	8.10	19.77	H	30.00
1745.00	-17.75	-29.50	8.10	19.85	H	30.00
1770.00	-17.65	-29.50	8.10	19.95	H	30.00

LTE Band 71- EIRP Part 27.50(c)(10)
Limits: ≤34.77dBm (3W)

LTE BAND 71 QPSK-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
665.50	-12.93	-36.70	-1.11	2.15	20.51	V	34.77
680.50	-13.64	-36.80	-0.82	2.15	20.19	V	34.77
695.50	-11.39	-34.80	-0.93	2.15	20.33	V	34.77

LTE BAND 71 QPSK-10MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
668.00	-13.10	-36.70	-1.11	2.15	20.34	V	34.77
680.50	-13.82	-36.80	-0.82	2.15	20.01	V	34.77
693.00	-11.59	-34.80	-0.93	2.15	20.12	V	34.77

LTE BAND 71 QPSK-15MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
670.50	-13.18	-36.70	-1.11	2.15	20.26	V	34.77
680.50	-13.93	-36.80	-0.82	2.15	19.90	V	34.77
690.50	-11.70	-34.80	-0.93	2.15	20.02	V	34.77

LTE BAND 71 QPSK-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
673.00	-13.26	-36.70	-1.11	2.15	20.18	V	34.77
683.00	-14.00	-36.80	-0.82	2.15	19.83	V	34.77
688.00	-11.80	-34.80	-0.93	2.15	19.92	V	34.77

LTE BAND 71 16QAM-5MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
665.50	-13.95	-36.70	-1.11	2.15	19.49	V	34.77
680.50	-14.65	-36.80	-0.82	2.15	19.18	V	34.77
695.50	-12.54	-34.80	-0.93	2.15	19.18	V	34.77

LTE BAND 71 16QAM-10MHz

Frequency	P _{Mea} (dBm)	P _{cl} (dB)+P	Ga	Correction	ERP(dBm)	Polarizati	Limit(dBm)
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y(MHz)	)	Ag(dB)	Antenna Gain(dBi)	n(dB)	)	on	)
668.00	-14.09	-36.70	-1.11	2.15	19.35	V	34.77
680.50	-14.84	-36.80	-0.82	2.15	18.99	V	34.77
693.00	-12.67	-34.80	-0.93	2.15	19.05	V	34.77

LTE BAND 71 16QAM-15MHz

Frequenc y(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P Ag(dB)	Ga Antenna Gain(dBi)	Correctio n(dB)	ERP(dBm)	Polarizati on	Limit(dBm)
670.50	-14.23	-36.70	-1.11	2.15	19.21	V	34.77
680.50	-15.00	-36.80	-0.82	2.15	18.83	V	34.77
690.50	-12.70	-34.80	-0.93	2.15	19.02	V	34.77

LTE BAND 71 16QAM-20MHz

Frequenc y(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P Ag(dB)	Ga Antenna Gain(dBi)	Correctio n(dB)	ERP(dBm)	Polarizati on	Limit(dBm)
673.00	-14.30	-36.70	-1.11	2.15	19.14	V	34.77
683.00	-15.03	-36.80	-0.82	2.15	18.80	V	34.77
688.00	-12.83	-34.80	-0.93	2.15	18.89	V	34.77

LTE BAND 71 64QAM-5MHz

Frequenc y(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P Ag(dB)	Ga Antenna Gain(dBi)	Correctio n(dB)	ERP(dBm)	Polarizati on	Limit(dBm)
665.50	-14.96	-36.70	-1.11	2.15	18.47	V	34.77
680.50	-15.75	-36.80	-0.82	2.15	18.08	V	34.77
695.50	-13.56	-34.80	-0.93	2.15	18.16	V	34.77

LTE BAND 71 64QAM-10MHz

Frequenc y(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P Ag(dB)	Ga Antenna Gain(dBi)	Correctio n(dB)	ERP(dBm)	Polarizati on	Limit(dBm)
668.00	-15.07	-36.70	-1.11	2.15	18.37	V	34.77
680.50	-15.85	-36.80	-0.82	2.15	17.98	V	34.77
693.00	-13.55	-34.80	-0.93	2.15	18.17	V	34.77

LTE BAND 71 64QAM-15MHz

Frequenc y(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P Ag(dB)	Ga Antenna Gain(dBi)	Correctio n(dB)	ERP(dBm)	Polarizati on	Limit(dBm)
670.50	-15.25	-36.70	-1.11	2.15	18.18	V	34.77

680.50	-16.03	-36.80	-0.82	2.15	17.80	V	34.77
690.50	-13.63	-34.80	-0.93	2.15	18.09	V	34.77

LTE BAND 71 64QAM-20MHz

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction(dB)	ERP(dBm)	Polarization	Limit(dBm)
673.00	-15.37	-36.70	-1.11	2.15	18.06	V	34.77
683.00	-16.11	-36.80	-0.82	2.15	17.72	V	34.77
688.00	-13.91	-34.80	-0.93	2.15	17.81	V	34.77

ANALYZER SETTINGS:

RBW = VBW = 8MHz for occupied bandwidths equal to or less than 5MHz.

RBW = VBW = 20MHz for occupied bandwidths equal to or greater than 10MHz.

Note: The maximum value of expanded measurement uncertainty for this test item is U =

2.87dB(30MHz-3GHz)/3.35dB(3GHz-18GHz)/2.68dB(18GHz-40GHz), k = 2

Note: Both of Vertical and Horizontal polarizations are evaluated, but only the worst case is recorded in this report.

A.2 FIELD STRENGTH OF SPURIOUS RADIATION

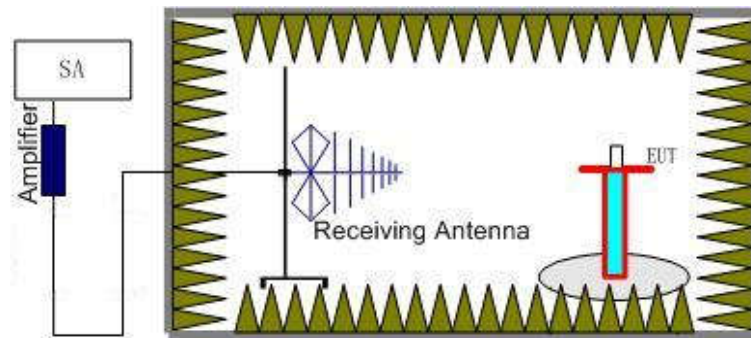
A.2.1 Measurement Method

This measurement is carried out in fully-anechoic chamber FAC-3.

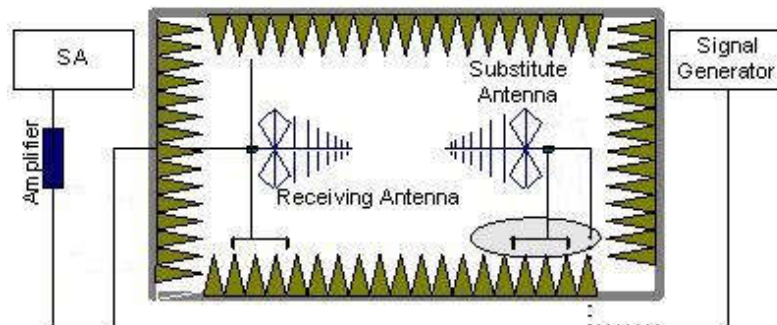
The spectrum was scanned from 30 MHz to the 10th harmonic of the highest frequency generated within the equipment, which is the transmitted carrier. The resolution bandwidth is set 1MHz as outlined in Part 22.917, 24.238, 27.53(h) and 90.691. The spectrum was scanned with the mobile station transmitting at carrier frequencies that pertain to low, mid and high channels of the all LTE Bands

The procedure of radiated spurious emissions is as follows:

1. For radiated emissions measurements performed at frequencies less than or equal to 1 GHz, EUT was placed on a 80 cm high non-conductive stand at a 3 meter test distance from the receive antenna. For radiated measurements performed at frequencies above 1 GHz, EUT was placed on a 1.5 meter high non-conductive stand at a 3 meter test distance from the receive antenna. Receiving antenna was placed on the antenna mast 3 meters from the EUT. For emission measurements. The receiving antenna shall be varied from 1 m to 4 m in height above the reference ground in a search for the relative positioning that produces the maximum radiated signal level. The test setup refers to figure below. Detected emissions were maximized at each frequency by rotating the EUT through 360° and adjusting the receiving antenna polarization. The radiated emission measurements of all transmit frequencies in three channels (High, Middle, Low) were measured with peak detector.



2. The EUT is then put into continuously transmitting mode at its maximum power level during the test. And the maximum value of the receiver should be recorded as (Pr).
3. The EUT shall be replaced by a substitution antenna. The test setup refers to figure below.



In the chamber, an substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF Signal source for the frequency band of interest is

connected to the substitution antenna with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A power (P_{Mea}) is applied to the input of the substitution antenna and adjusts the level of the signal generator output until the value of the receiver reaches the previously recorded (P_r). The power of signal source (P_{Mea}) is recorded. The test should be performed by rotating the test item and adjusting the receiving antenna polarization.

4. The Path loss (P_{pl}) between the Signal Source with the Substitution Antenna and the Substitution Antenna Gain(dBi) (G_a) should be recorded after test.

An amplifier should be connected in for the test.

The Path loss (P_{pl}) is the summation of the cable loss and the gain of the amplifier.

The measurement results are obtained as described below:

$$\text{Power (EIRP)} = P_{Mea} - P_{pl} + G_a$$

5. This value is EIRP since the measurement is calibrated using an antenna of known gain (unit: dBi) and known input power.
6. ERP can be calculated from EIRP by subtracting the gain of the dipole, $ERP = EIRP - 2.15\text{dB}$.

A.2.2 Measurement Results

Radiated emissions measurements were made only at the upper, middle, and lower carrier frequencies of the test LTE Bands. It was decided that measurements at these three carrier frequencies would be sufficient to demonstrate compliance with emissions limits because it was seen that all the significant spurs occur well outside the band and no radiation was seen from a carrier in one block of the test LTE Bands. into any of the other blocks. The equipment must still, however, meet emissions requirements with the carrier at all frequencies over which it is capable of operating and it is the manufacturer's responsibility to verify this.

Only worst case result is given below.

LTE BAND 2 18607

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
16996.50	-44.40	2.90	16.50	-30.80	-13.00	H
17119.50	-43.25	2.90	14.50	-31.65	-13.00	H
17302.50	-41.87	3.20	14.50	-30.57	-13.00	H
17504.00	-39.46	2.90	12.80	-29.56	-13.00	H
17619.50	-39.28	3.30	12.80	-29.78	-13.00	H
17777.50	-39.33	3.60	12.80	-30.13	-13.00	H

LTE BAND 2 18900

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
16988.00	-44.23	2.90	16.50	-30.63	-13.00	H
17208.50	-43.14	2.90	14.50	-31.54	-13.00	H
17345.00	-42.81	3.20	14.50	-31.51	-13.00	H
17460.00	-41.16	2.90	14.50	-29.56	-13.00	H
17624.00	-39.37	3.30	12.80	-29.87	-13.00	H
17788.00	-39.97	3.60	12.80	-30.77	-13.00	H

LTE BAND 2 19193

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
16983.50	-44.63	2.90	16.50	-31.03	-13.00	H
17205.00	-43.72	2.90	14.50	-32.12	-13.00	H
17369.00	-42.60	3.20	14.50	-31.30	-13.00	H
17499.50	-41.29	2.90	14.50	-29.69	-13.00	H
17525.50	-39.46	2.90	12.80	-29.56	-13.00	H
17685.50	-39.81	3.30	12.80	-30.31	-13.00	H

LTE BAND 2 18607 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16977.50	-44.57	2.90	16.50	-30.97	-13.00	H
17130.50	-43.31	2.90	14.50	-31.71	-13.00	H
17227.00	-42.39	3.20	14.50	-31.09	-13.00	H
17517.00	-39.43	2.90	12.80	-29.53	-13.00	H
17602.50	-39.25	3.30	12.80	-29.75	-13.00	H
17839.50	-39.37	3.60	12.80	-30.17	-13.00	H

LTE BAND 2 18900 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16959.50	-44.50	2.90	16.50	-30.90	-13.00	H
17127.50	-43.18	2.90	14.50	-31.58	-13.00	H
17347.00	-42.92	3.20	14.50	-31.62	-13.00	H
17469.50	-41.24	2.90	14.50	-29.64	-13.00	H
17574.00	-38.82	3.30	12.80	-29.32	-13.00	H
17820.00	-39.72	3.60	12.80	-30.52	-13.00	H

LTE BAND 2 19193 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16982.00	-44.55	2.90	16.50	-30.95	-13.00	H
17170.50	-43.22	2.90	14.50	-31.62	-13.00	H
17362.50	-42.62	3.20	14.50	-31.32	-13.00	H
17465.50	-40.26	2.90	14.50	-28.66	-13.00	H
17602.50	-39.39	3.30	12.80	-29.89	-13.00	H
17837.00	-39.98	3.60	12.80	-30.78	-13.00	H

LTE BAND 2 18607 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16933.50	-44.96	2.90	16.50	-31.36	-13.00	H
17211.00	-42.81	2.90	14.50	-31.21	-13.00	H
17235.50	-42.92	3.20	14.50	-31.62	-13.00	H
17454.00	-41.25	2.90	14.50	-29.65	-13.00	H
17602.00	-39.45	3.30	12.80	-29.95	-13.00	H
17834.50	-39.11	3.60	12.80	-29.91	-13.00	H

LTE BAND 2 18900 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16956.50	-44.52	2.90	16.50	-30.92	-13.00	H
17109.50	-43.54	2.90	14.50	-31.94	-13.00	H
17241.50	-42.60	3.20	14.50	-31.30	-13.00	H
17458.00	-41.24	2.90	14.50	-29.64	-13.00	H
17588.50	-38.56	3.30	12.80	-29.06	-13.00	H
17831.00	-39.60	3.60	12.80	-30.40	-13.00	H

LTE BAND 2 19193 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16967.00	-45.01	2.90	16.50	-31.41	-13.00	H
17124.50	-43.19	2.90	14.50	-31.59	-13.00	H
17290.00	-42.44	3.20	14.50	-31.14	-13.00	H
17513.00	-39.42	2.90	12.80	-29.52	-13.00	H
17624.50	-38.99	3.30	12.80	-29.49	-13.00	H
17814.50	-39.08	3.60	12.80	-29.88	-13.00	H

LTE BAND 4 19957

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
16881.50	-45.14	2.90	16.50	-31.54	-13.00	H
16999.00	-44.60	2.90	16.50	-31.00	-13.00	H
17307.00	-42.56	3.20	14.50	-31.26	-13.00	H
17444.50	-41.78	2.90	14.50	-30.18	-13.00	H
17621.50	-39.17	3.30	12.80	-29.67	-13.00	H
17813.00	-40.08	3.60	12.80	-30.88	-13.00	H

LTE BAND 4 20175

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
17000.50	-41.94	2.90	14.50	-30.34	-13.00	H
17211.00	-42.34	2.90	14.50	-30.74	-13.00	H
17295.50	-41.31	3.20	14.50	-30.01	-13.00	H
17456.00	-40.70	2.90	14.50	-29.10	-13.00	H
17626.50	-38.03	3.30	12.80	-28.53	-13.00	H
17754.00	-38.43	3.60	12.80	-29.23	-13.00	H

LTE BAND 4 20393

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
16984.00	-44.37	2.90	16.50	-30.77	-13.00	H
17083.00	-43.28	2.90	14.50	-31.68	-13.00	H
17365.00	-42.39	3.20	14.50	-31.09	-13.00	H
17495.00	-41.21	2.90	14.50	-29.61	-13.00	H
17526.00	-39.46	2.90	12.80	-29.56	-13.00	H
17815.50	-39.05	3.60	12.80	-29.85	-13.00	H

LTE BAND 4 19957 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16983.00	-44.53	2.90	16.50	-30.93	-13.00	H
17141.00	-43.76	2.90	14.50	-32.16	-13.00	H
17248.00	-42.70	3.20	14.50	-31.40	-13.00	H
17472.00	-40.56	2.90	14.50	-28.96	-13.00	H
17593.00	-38.91	3.30	12.80	-29.41	-13.00	H
17839.00	-39.92	3.60	12.80	-30.72	-13.00	H

LTE BAND 4 20175 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16967.00	-44.39	2.90	16.50	-30.79	-13.00	H
17189.50	-43.39	2.90	14.50	-31.79	-13.00	H
17272.00	-42.43	3.20	14.50	-31.13	-13.00	H
17461.50	-41.89	2.90	14.50	-30.29	-13.00	H
17624.00	-39.17	3.30	12.80	-29.67	-13.00	H
17717.00	-40.32	3.30	12.80	-30.82	-13.00	H

LTE BAND 4 20393 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16472.50	-46.97	2.70	17.40	-32.27	-13.00	H
16935.50	-44.94	2.90	16.50	-31.34	-13.00	H
17217.00	-42.84	3.20	14.50	-31.54	-13.00	H
17510.50	-39.64	2.90	12.80	-29.74	-13.00	H
17530.50	-39.08	2.90	12.80	-29.18	-13.00	H
17829.00	-39.95	3.60	12.80	-30.75	-13.00	H

LTE BAND 4 19957 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
16969.50	-43.83	2.90	16.50	-30.23	-13.00	H
17187.00	-43.19	2.90	14.50	-31.59	-13.00	H
17218.50	-41.55	3.20	14.50	-30.25	-13.00	H
17421.50	-41.47	2.90	14.50	-29.87	-13.00	H
17602.00	-39.49	3.30	12.80	-29.99	-13.00	H
17838.50	-39.64	3.60	12.80	-30.44	-13.00	H

LTE BAND 4 20175 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
16964.50	-44.82	2.90	16.50	-31.22	-13.00	H
17132.00	-43.38	2.90	14.50	-31.78	-13.00	H
17278.00	-43.04	3.20	14.50	-31.74	-13.00	H
17523.50	-39.27	2.90	12.80	-29.37	-13.00	H
17603.50	-39.15	3.30	12.80	-29.65	-13.00	H
17837.50	-40.00	3.60	12.80	-30.80	-13.00	H

LTE BAND 4 20393 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
16962.50	-44.84	2.90	16.50	-31.24	-13.00	H
17213.50	-43.41	2.90	14.50	-31.81	-13.00	H
17279.50	-42.38	3.20	14.50	-31.08	-13.00	H
17480.00	-41.53	2.90	14.50	-29.93	-13.00	H
17538.50	-39.81	2.90	12.80	-29.91	-13.00	H
17756.00	-39.60	3.60	12.80	-30.40	-13.00	H

LTE BAND 5 20407

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
9103.00	-51.79	2.20	11.60	-44.54	-13.00	H
9227.75	-51.01	2.10	11.60	-43.66	-13.00	H
9300.50	-50.59	2.00	11.60	-43.14	-13.00	H
9422.00	-51.04	2.10	11.60	-43.69	-13.00	H
9475.00	-51.43	2.10	11.60	-44.08	-13.00	V
9684.75	-51.25	2.20	11.20	-44.40	-13.00	H

LTE BAND 5 20525

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
8472.25	-51.82	1.80	11.30	-44.47	-13.00	H
9094.75	-51.92	2.20	11.60	-44.67	-13.00	H
9221.25	-50.55	2.10	11.60	-43.20	-13.00	H
9300.00	-50.83	2.00	11.60	-43.38	-13.00	H
9422.50	-51.31	2.10	11.60	-43.96	-13.00	H
9474.25	-51.79	2.10	11.60	-44.44	-13.00	V

LTE BAND 5 20643

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
9150.50	-50.57	2.10	11.60	-43.22	-13.00	H
9221.00	-50.48	2.10	11.60	-43.13	-13.00	H
9300.25	-51.38	2.00	11.60	-43.93	-13.00	H
9377.00	-51.98	2.00	11.60	-44.53	-13.00	V
9471.75	-51.28	2.10	11.60	-43.93	-13.00	V
9735.25	-50.50	2.20	11.20	-43.65	-13.00	H

LTE BAND 5 20407 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
8438.25	-51.98	1.80	11.30	-44.63	-13.00	H
9104.00	-51.90	2.20	11.60	-44.65	-13.00	H
9225.25	-51.08	2.10	11.60	-43.73	-13.00	H
9305.50	-50.95	2.00	11.60	-43.50	-13.00	H
9415.00	-51.00	2.10	11.60	-43.65	-13.00	H
9474.00	-50.92	2.10	11.60	-43.57	-13.00	V

LTE BAND 5 20525 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
8486.25	-51.77	1.80	11.30	-44.42	-13.00	V
9098.00	-51.82	2.20	11.60	-44.57	-13.00	H
9222.50	-51.18	2.10	11.60	-43.83	-13.00	H
9300.50	-50.84	2.00	11.60	-43.39	-13.00	H
9416.75	-51.99	2.10	11.60	-44.64	-13.00	H
9473.25	-51.11	2.10	11.60	-43.76	-13.00	V

LTE BAND 5 20643 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
9094.75	-51.92	2.20	11.60	-44.67	-13.00	H
9100.00	-51.69	2.20	11.60	-44.44	-13.00	H
9224.75	-51.00	2.10	11.60	-43.65	-13.00	H
9301.00	-51.17	2.00	11.60	-43.72	-13.00	H
9422.25	-51.84	2.10	11.60	-44.49	-13.00	H
9474.25	-51.04	2.10	11.60	-43.69	-13.00	V

LTE BAND 5 20407 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
9151.75	-51.66	2.10	11.60	-44.31	-13.00	H
9226.00	-50.28	2.10	11.60	-42.93	-13.00	H
9298.00	-49.89	2.00	11.60	-42.44	-13.00	H
9370.00	-52.42	2.00	11.60	-44.97	-13.00	V
9474.50	-51.72	2.10	11.60	-44.37	-13.00	V
9715.75	-50.83	2.20	11.20	-43.98	-13.00	H

LTE BAND 5 20525 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
8901.00	-52.36	1.90	12.00	-44.41	-13.00	H
9103.75	-51.94	2.20	11.60	-44.69	-13.00	H
9222.25	-51.36	2.10	11.60	-44.01	-13.00	H
9297.00	-51.19	2.00	11.60	-43.74	-13.00	H
9427.00	-52.08	2.10	11.60	-44.73	-13.00	H
9469.50	-51.13	2.10	11.60	-43.78	-13.00	V

LTE BAND 5 20643 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
8490.75	-52.28	1.80	11.30	-44.93	-13.00	H
9100.00	-52.18	2.20	11.60	-44.93	-13.00	H
9224.50	-51.04	2.10	11.60	-43.69	-13.00	H
9299.25	-50.90	2.00	11.60	-43.45	-13.00	H
9475.25	-50.85	2.10	11.60	-43.50	-13.00	V
9681.00	-51.72	2.20	11.20	-44.87	-13.00	V

LTE BAND 7 20775

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
16988.50	-54.63	2.90	16.50	-41.03	-25.00	H
17201.00	-53.61	2.90	14.50	-42.01	-25.00	H
17367.50	-52.69	3.20	14.50	-41.39	-25.00	H
17437.50	-51.41	2.90	14.50	-39.81	-25.00	H
17581.00	-49.31	3.30	12.80	-39.81	-25.00	H
17837.00	-49.34	3.60	12.80	-40.14	-25.00	H

LTE BAND 7 21100

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
16988.50	-54.50	2.90	16.50	-40.90	-25.00	H
17186.50	-53.62	2.90	14.50	-42.02	-25.00	H
17364.50	-52.94	3.20	14.50	-41.64	-25.00	H
17455.00	-51.61	2.90	14.50	-40.01	-25.00	H
17594.50	-48.76	3.30	12.80	-39.26	-25.00	H
17834.50	-49.81	3.60	12.80	-40.61	-25.00	H

LTE BAND 7 21425

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
16974.00	-54.83	2.90	16.50	-41.23	-25.00	H
17116.00	-53.56	2.90	14.50	-41.96	-25.00	H
17296.00	-52.98	3.20	14.50	-41.68	-25.00	H
17503.00	-49.97	2.90	12.80	-40.07	-25.00	H
17593.50	-49.24	3.30	12.80	-39.74	-25.00	H
17839.50	-49.49	3.60	12.80	-40.29	-25.00	H

LTE BAND 7 20775 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16945.50	-54.40	2.90	16.50	-40.80	-25.00	H
17190.50	-53.18	2.90	14.50	-41.58	-25.00	H
17298.00	-52.74	3.20	14.50	-41.44	-25.00	H
17453.00	-51.37	2.90	14.50	-39.77	-25.00	H
17594.00	-49.20	3.30	12.80	-39.70	-25.00	H
17840.00	-49.29	3.60	12.80	-40.09	-25.00	H

LTE BAND 7 21100 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16974.50	-54.85	2.90	16.50	-41.25	-25.00	H
17208.50	-53.45	2.90	14.50	-41.85	-25.00	H
17277.00	-52.64	3.20	14.50	-41.34	-25.00	H
17504.50	-49.60	2.90	12.80	-39.70	-25.00	H
17525.50	-49.61	2.90	12.80	-39.71	-25.00	H
17839.00	-49.63	3.60	12.80	-40.43	-25.00	H

LTE BAND 7 21425 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16978.50	-54.78	2.90	16.50	-41.18	-25.00	H
17181.50	-53.36	2.90	14.50	-41.76	-25.00	H
17292.00	-53.00	3.20	14.50	-41.70	-25.00	H
17458.00	-51.28	2.90	14.50	-39.68	-25.00	H
17567.50	-48.97	3.30	12.80	-39.47	-25.00	H
17837.00	-49.46	3.60	12.80	-40.26	-25.00	H

LTE BAND 7 20775 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16983.00	-54.79	2.90	16.50	-41.19	-25.00	H
17116.00	-53.41	2.90	14.50	-41.81	-25.00	H
17299.00	-52.64	3.20	14.50	-41.34	-25.00	H
17525.00	-49.52	2.90	12.80	-39.62	-25.00	H
17570.50	-49.05	3.30	12.80	-39.55	-25.00	H
17831.50	-49.50	3.60	12.80	-40.30	-25.00	H

LTE BAND 7 21100 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16976.50	-54.75	2.90	16.50	-41.15	-25.00	H
17118.50	-53.61	2.90	14.50	-42.01	-25.00	H
17357.00	-52.68	3.20	14.50	-41.38	-25.00	H
17505.00	-49.66	2.90	12.80	-39.76	-25.00	H
17621.00	-49.06	3.30	12.80	-39.56	-25.00	H
17827.00	-49.52	3.60	12.80	-40.32	-25.00	H

LTE BAND 7 21425 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16950.00	-54.52	2.90	16.50	-40.92	-25.00	H
17209.50	-52.99	2.90	14.50	-41.39	-25.00	H
17234.50	-52.68	3.20	14.50	-41.38	-25.00	H
17458.00	-51.10	2.90	14.50	-39.50	-25.00	H
17622.00	-49.28	3.30	12.80	-39.78	-25.00	H
17838.00	-49.54	3.60	12.80	-40.34	-25.00	H

LTE BAND 12 23017

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
1398.50	-43.43	0.70	6.00	-40.28	-13.00	H
9216.25	-51.68	2.10	11.60	-44.33	-13.00	H
9303.75	-51.50	2.00	11.60	-44.05	-13.00	H
9423.25	-51.81	2.10	11.60	-44.46	-13.00	H
9475.50	-51.50	2.10	11.60	-44.15	-13.00	V
9728.75	-51.14	2.20	11.20	-44.29	-13.00	H

LTE BAND 12 23095

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
1410.75	-41.98	0.70	6.00	-38.83	-13.00	H
9110.50	-52.29	2.10	11.60	-44.94	-13.00	H
9222.75	-51.84	2.10	11.60	-44.49	-13.00	H
9298.25	-51.65	2.00	11.60	-44.20	-13.00	H
9474.75	-50.79	2.10	11.60	-43.44	-13.00	V
9732.50	-51.66	2.20	11.20	-44.81	-13.00	H

LTE BAND 12 23173

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
1429.75	-45.10	0.70	6.00	-41.95	-13.00	H
9100.25	-51.82	2.20	11.60	-44.57	-13.00	H
9159.00	-51.94	2.10	11.60	-44.59	-13.00	H
9299.00	-51.42	2.00	11.60	-43.97	-13.00	H
9429.50	-51.76	2.10	11.60	-44.41	-13.00	H
9471.00	-52.05	2.10	11.60	-44.70	-13.00	V

LTE BAND 12 23017 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
1398.50	-43.34	0.70	6.00	-40.19	-13.00	H
9225.25	-51.56	2.10	11.60	-44.21	-13.00	H
9301.00	-51.61	2.00	11.60	-44.16	-13.00	H
9423.75	-52.43	2.10	11.60	-45.08	-13.00	H
9473.75	-50.91	2.10	11.60	-43.56	-13.00	V
9737.00	-51.53	2.20	11.20	-44.68	-13.00	H

LTE BAND 12 23095 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
1410.75	-42.01	0.70	6.00	-38.86	-13.00	H
8379.75	-52.17	1.80	11.30	-44.82	-13.00	H
9226.00	-51.04	2.10	11.60	-43.69	-13.00	H
9298.00	-51.58	2.00	11.60	-44.13	-13.00	H
9474.50	-51.35	2.10	11.60	-44.00	-13.00	V
9743.50	-51.40	2.20	11.20	-44.55	-13.00	H

LTE BAND 12 23173 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
1429.75	-45.00	0.70	6.00	-41.85	-13.00	H
9094.00	-51.44	2.20	11.60	-44.19	-13.00	H
9152.00	-51.97	2.10	11.60	-44.62	-13.00	H
9305.75	-50.89	2.00	11.60	-43.44	-13.00	H
9371.50	-52.10	2.00	11.60	-44.65	-13.00	H
9475.50	-51.81	2.10	11.60	-44.46	-13.00	V

LTE BAND 12 23017 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
1398.75	-43.41	0.70	6.00	-40.26	-13.00	H
9100.75	-52.09	2.20	11.60	-44.84	-13.00	H
9223.50	-51.38	2.10	11.60	-44.03	-13.00	H
9298.25	-51.37	2.00	11.60	-43.92	-13.00	H
9366.25	-52.43	2.00	11.60	-44.98	-13.00	V
9477.50	-52.01	2.10	11.60	-44.66	-13.00	V

LTE BAND 12 23095 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
1410.00	-45.36	0.70	6.00	-42.21	-13.00	H
9224.50	-51.48	2.10	11.60	-44.13	-13.00	H
9303.50	-50.15	2.00	11.60	-42.70	-13.00	H
9369.50	-52.58	2.00	11.60	-45.13	-13.00	V
9474.50	-51.47	2.10	11.60	-44.12	-13.00	V
9736.00	-51.28	2.20	11.20	-44.43	-13.00	H

LTE BAND 12 23173 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
1429.75	-45.19	0.70	6.00	-42.04	-13.00	H
9224.25	-51.49	2.10	11.60	-44.14	-13.00	H
9304.25	-50.95	2.00	11.60	-43.50	-13.00	H
9425.75	-52.10	2.10	11.60	-44.75	-13.00	H
9477.50	-51.37	2.10	11.60	-44.02	-13.00	H
9722.25	-50.90	2.20	11.20	-44.05	-13.00	H

LTE BAND 13 23205

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
1572.00	-60.80	0.70	8.10	-55.55	-40.00	H
1595.00	-60.30	0.70	8.10	-55.05	-13.00	V
9103.88	-51.70	2.20	11.60	-44.45	-13.00	H
9299.50	-50.94	2.00	11.60	-43.49	-13.00	H
9479.00	-51.24	2.10	11.60	-43.89	-13.00	V
9745.75	-50.56	2.20	11.20	-43.71	-13.00	H

LTE BAND 13 23230

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
1559.50	-60.76	0.70	8.10	-55.51	-40.00	V
2340.00	-49.98	0.90	9.80	-43.23	-13.00	V
8523.00	-52.16	2.10	12.00	-44.41	-13.00	H
9301.88	-50.60	2.00	11.60	-43.15	-13.00	H
9371.25	-50.96	2.00	11.60	-43.51	-13.00	H
9734.62	-51.13	2.20	11.20	-44.28	-13.00	H

LTE BAND 13 23255

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
1577.50	-60.26	0.70	8.10	-55.01	-40.00	V
8896.50	-52.47	1.90	12.00	-44.52	-13.00	H
9301.38	-50.83	2.00	11.60	-43.38	-13.00	H
9470.88	-51.29	2.10	11.60	-43.94	-13.00	V
9746.00	-51.30	2.20	11.20	-44.45	-13.00	H
9805.88	-51.10	2.30	11.20	-44.35	-13.00	H

LTE BAND 13 23205 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
1575.00	-60.80	0.70	8.10	-55.55	-40.00	H
8451.75	-51.99	1.80	11.30	-44.64	-13.00	H
9104.88	-51.08	2.20	11.60	-43.83	-13.00	H
9300.12	-50.73	2.00	11.60	-43.28	-13.00	H
9475.00	-50.57	2.10	11.60	-43.22	-13.00	V
9737.12	-50.99	2.20	11.20	-44.14	-13.00	H

LTE BAND 13 23230 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
1559.50	-60.30	0.70	8.10	-55.05	-40.00	V
2339.50	-51.13	0.90	9.80	-44.38	-13.00	V
9228.25	-50.51	2.10	11.60	-43.16	-13.00	H
9475.88	-50.99	2.10	11.60	-43.64	-13.00	V
9727.12	-50.40	2.20	11.20	-43.55	-13.00	H
9783.00	-50.86	2.30	11.20	-44.11	-13.00	H

LTE BAND 13 23255 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
1582.00	-60.19	0.70	8.10	-54.94	-40.00	H
9108.25	-50.90	2.10	11.60	-43.55	-13.00	H
9309.38	-50.74	2.00	11.60	-43.29	-13.00	H
9423.50	-51.53	2.10	11.60	-44.18	-13.00	H
9740.62	-50.47	2.20	11.20	-43.62	-13.00	H
9786.12	-51.07	2.30	11.20	-44.32	-13.00	H

LTE BAND 13 23205 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
1576.00	-60.47	0.70	8.10	-55.22	-40.00	V
9101.00	-51.31	2.20	11.60	-44.06	-13.00	H
9301.38	-50.65	2.00	11.60	-43.20	-13.00	H
9478.25	-51.11	2.10	11.60	-43.76	-13.00	V
9712.00	-50.79	2.20	11.20	-43.94	-13.00	H
9784.38	-51.03	2.30	11.20	-44.28	-13.00	H

LTE BAND 13 23230 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
1559.00	-60.42	0.70	8.10	-55.17	-40.00	V
1585.00	-60.84	0.70	8.10	-55.59	-13.00	H
2339.50	-49.69	0.90	9.80	-42.94	-13.00	V
9090.38	-51.82	2.20	11.60	-44.57	-13.00	H
9306.25	-50.58	2.00	11.60	-43.13	-13.00	H
9477.00	-51.13	2.10	11.60	-43.78	-13.00	V

LTE BAND 13 23255 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
1560.00	-60.60	0.70	8.10	-55.35	-40.00	H
7321.88	-52.02	1.70	12.00	-43.87	-13.00	H
9114.50	-51.79	2.10	11.60	-44.44	-13.00	V
9305.50	-50.50	2.00	11.60	-43.05	-13.00	H
9472.12	-50.42	2.10	11.60	-43.07	-13.00	V
9705.62	-51.08	2.20	11.20	-44.23	-13.00	H

LTE BAND 14 23305

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
2365.00	-50.00	0.90	9.80	-43.25	-13.00	V
9228.75	-50.95	2.10	11.60	-43.60	-13.00	H
9300.00	-50.88	2.00	11.60	-43.43	-13.00	H
9363.75	-51.48	2.00	11.60	-44.03	-13.00	V
9462.00	-51.63	2.10	11.60	-44.28	-13.00	V
9785.25	-51.04	2.30	11.20	-44.29	-13.00	H

LTE BAND 14 23330

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
2372.50	-48.93	0.90	9.80	-42.18	-13.00	V
9098.25	-51.39	2.20	11.60	-44.14	-13.00	H
9229.50	-51.42	2.10	11.60	-44.07	-13.00	H
9299.75	-50.73	2.00	11.60	-43.28	-13.00	H
9474.00	-51.54	2.10	11.60	-44.19	-13.00	V
9749.50	-51.23	2.20	11.20	-44.38	-13.00	H

LTE BAND 14 23355

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
8413.25	-51.64	1.80	11.30	-44.29	-13.00	H
9146.00	-51.67	2.10	11.60	-44.32	-13.00	H
9224.25	-51.08	2.10	11.60	-43.73	-13.00	H
9304.50	-50.95	2.00	11.60	-43.50	-13.00	H
9424.25	-51.43	2.10	11.60	-44.08	-13.00	H
9475.00	-51.33	2.10	11.60	-43.98	-13.00	V

LTE BAND 14 23330 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
2365.00	-50.37	0.90	9.80	-43.62	-13.00	V
9105.75	-51.93	2.20	11.60	-44.68	-13.00	H
9229.50	-51.62	2.10	11.60	-44.27	-13.00	H
9298.75	-51.12	2.00	11.60	-43.67	-13.00	H
9376.75	-51.99	2.00	11.60	-44.54	-13.00	V
9476.00	-50.82	2.10	11.60	-43.47	-13.00	V

LTE BAND 14 23330 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
2372.50	-49.81	0.90	9.80	-43.06	-13.00	V
9102.25	-51.28	2.20	11.60	-44.03	-13.00	H
9224.75	-51.36	2.10	11.60	-44.01	-13.00	H
9299.75	-51.64	2.00	11.60	-44.19	-13.00	H
9474.00	-51.63	2.10	11.60	-44.28	-13.00	V
9715.00	-51.36	2.20	11.20	-44.51	-13.00	H

LTE BAND 14 23355 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
9104.75	-51.78	2.20	11.60	-44.53	-13.00	H
9222.25	-51.01	2.10	11.60	-43.66	-13.00	H
9303.00	-49.87	2.00	11.60	-42.42	-13.00	H
9424.50	-51.93	2.10	11.60	-44.58	-13.00	H
9473.50	-51.13	2.10	11.60	-43.78	-13.00	V
9712.00	-51.07	2.20	11.20	-44.22	-13.00	H

LTE BAND 14 23305 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
2365.00	-51.22	0.90	9.80	-44.47	-13.00	V
9103.50	-50.32	2.20	11.60	-43.07	-13.00	H
9227.00	-50.93	2.10	11.60	-43.58	-13.00	H
9300.25	-51.32	2.00	11.60	-43.87	-13.00	H
9475.00	-51.45	2.10	11.60	-44.10	-13.00	V
9723.50	-51.05	2.20	11.20	-44.20	-13.00	H

LTE BAND 14 23330 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
2372.50	-50.74	0.90	9.80	-43.99	-13.00	V
9105.00	-51.70	2.20	11.60	-44.45	-13.00	H
9224.25	-51.23	2.10	11.60	-43.88	-13.00	H
9298.50	-51.12	2.00	11.60	-43.67	-13.00	H
9425.50	-51.84	2.10	11.60	-44.49	-13.00	H
9475.50	-51.39	2.10	11.60	-44.04	-13.00	V

LTE BAND 14 23355 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
8310.50	-51.58	1.90	11.30	-44.33	-13.00	H
9092.50	-51.43	2.20	11.60	-44.18	-13.00	H
9154.50	-51.22	2.10	11.60	-43.87	-13.00	H
9222.00	-51.08	2.10	11.60	-43.73	-13.00	H
9304.25	-50.79	2.00	11.60	-43.34	-13.00	H
9478.25	-50.96	2.10	11.60	-43.61	-13.00	V

LTE BAND 25 26047

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16962.50	-45.18	2.90	16.50	-31.58	-13.00	H
17169.00	-43.52	2.90	14.50	-31.92	-13.00	H
17262.00	-42.79	3.20	14.50	-31.49	-13.00	H
17510.50	-38.75	2.90	12.80	-28.85	-13.00	H
17625.50	-39.22	3.30	12.80	-29.72	-13.00	H
17839.00	-39.76	3.60	12.80	-30.56	-13.00	H

LTE BAND 25 26365

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16956.50	-44.28	2.90	16.50	-30.68	-13.00	H
17189.50	-43.86	2.90	14.50	-32.26	-13.00	H
17289.50	-43.02	3.20	14.50	-31.72	-13.00	H
17433.50	-41.12	2.90	14.50	-29.52	-13.00	H
17576.50	-39.69	3.30	12.80	-30.19	-13.00	H
17775.50	-39.17	3.60	12.80	-29.97	-13.00	H

LTE BAND 25 26683

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16986.50	-44.18	2.90	16.50	-30.58	-13.00	H
17109.00	-44.36	2.90	14.50	-32.76	-13.00	H
17348.00	-42.66	3.20	14.50	-31.36	-13.00	H
17504.50	-39.87	2.90	12.80	-29.97	-13.00	H
17527.50	-40.26	2.90	12.80	-30.36	-13.00	H
17827.50	-39.68	3.60	12.80	-30.48	-13.00	H

LTE BAND 25 26047 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
16929.00	-44.92	2.90	16.50	-31.32	-13.00	H
17195.00	-43.71	2.90	14.50	-32.11	-13.00	H
17275.00	-42.43	3.20	14.50	-31.13	-13.00	H
17522.50	-40.04	2.90	12.80	-30.14	-13.00	H
17592.00	-38.40	3.30	12.80	-28.90	-13.00	H
17839.50	-39.88	3.60	12.80	-30.68	-13.00	H

LTE BAND 25 26365 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
17003.00	-42.37	2.90	14.50	-30.77	-13.00	H
17170.50	-43.43	2.90	14.50	-31.83	-13.00	H
17341.50	-42.99	3.20	14.50	-31.69	-13.00	H
17508.50	-39.61	2.90	12.80	-29.71	-13.00	H
17534.00	-40.03	2.90	12.80	-30.13	-13.00	H
17828.50	-38.90	3.60	12.80	-29.70	-13.00	H

LTE BAND 25 26683 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
16985.00	-44.78	2.90	16.50	-31.18	-13.00	H
17169.00	-43.27	2.90	14.50	-31.67	-13.00	H
17270.50	-42.88	3.20	14.50	-31.58	-13.00	H
17480.50	-41.33	2.90	14.50	-29.73	-13.00	H
17591.50	-38.33	3.30	12.80	-28.83	-13.00	H
17840.00	-39.60	3.60	12.80	-30.40	-13.00	H

LTE BAND 25 26047 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
17009.00	-43.34	2.90	14.50	-31.74	-13.00	H
17137.00	-43.41	2.90	14.50	-31.81	-13.00	H
17283.50	-43.37	3.20	14.50	-32.07	-13.00	H
17431.50	-42.08	2.90	14.50	-30.48	-13.00	H
17599.50	-39.46	3.30	12.80	-29.96	-13.00	H
17797.00	-39.65	3.60	12.80	-30.45	-13.00	H

LTE BAND 25 26365 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
17002.50	-42.81	2.90	14.50	-31.21	-13.00	H
17164.00	-43.18	2.90	14.50	-31.58	-13.00	H
17282.00	-42.04	3.20	14.50	-30.74	-13.00	H
17460.50	-41.31	2.90	14.50	-29.71	-13.00	H
17564.00	-39.50	3.30	12.80	-30.00	-13.00	H
17775.50	-39.61	3.60	12.80	-30.41	-13.00	H

LTE BAND 25 26683 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
16993.50	-45.31	2.90	16.50	-31.71	-13.00	H
17211.50	-42.91	2.90	14.50	-31.31	-13.00	H
17362.50	-43.46	3.20	14.50	-32.16	-13.00	H
17509.00	-39.91	2.90	12.80	-30.01	-13.00	H
17612.00	-39.16	3.30	12.80	-29.66	-13.00	H
17832.50	-40.11	3.60	12.80	-30.91	-13.00	H

LTE BAND 26 27033

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
9088.25	-51.23	2.20	11.60	-43.98	-13.00	H
9146.50	-52.25	2.10	11.60	-44.90	-13.00	H
9225.75	-51.57	2.10	11.60	-44.22	-13.00	H
9302.00	-51.04	2.00	11.60	-43.59	-13.00	H
9387.75	-52.19	2.10	11.60	-44.84	-13.00	V
9476.50	-51.92	2.10	11.60	-44.57	-13.00	V

LTE BAND 26 26915

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
9096.75	-52.01	2.20	11.60	-44.76	-13.00	H
9153.50	-52.04	2.10	11.60	-44.69	-13.00	H
9228.00	-50.75	2.10	11.60	-43.40	-13.00	H
9299.50	-51.25	2.00	11.60	-43.80	-13.00	H
9428.00	-52.04	2.10	11.60	-44.69	-13.00	H
9476.75	-51.05	2.10	11.60	-43.70	-13.00	V

LTE BAND 26 26797

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
9098.75	-51.65	2.20	11.60	-44.40	-13.00	H
9121.50	-52.08	2.10	11.60	-44.73	-13.00	V
9227.50	-51.97	2.10	11.60	-44.62	-13.00	H
9301.00	-51.34	2.00	11.60	-43.89	-13.00	H
9471.00	-51.36	2.10	11.60	-44.01	-13.00	V
9718.25	-51.10	2.20	11.20	-44.25	-13.00	H

LTE BAND 26 27033 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
8441.75	-52.09	1.80	11.30	-44.74	-13.00	H
9223.25	-51.32	2.10	11.60	-43.97	-13.00	H
9300.00	-51.58	2.00	11.60	-44.13	-13.00	H
9425.75	-51.86	2.10	11.60	-44.51	-13.00	H
9473.25	-51.06	2.10	11.60	-43.71	-13.00	V
9712.50	-51.58	2.20	11.20	-44.73	-13.00	H

LTE BAND 26 26915 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
7316.50	-52.65	1.70	12.00	-44.50	-13.00	H
9096.00	-51.69	2.20	11.60	-44.44	-13.00	H
9102.00	-52.03	2.20	11.60	-44.78	-13.00	H
9227.00	-51.67	2.10	11.60	-44.32	-13.00	H
9302.00	-50.87	2.00	11.60	-43.42	-13.00	H
9477.00	-51.37	2.10	11.60	-44.02	-13.00	V

LTE BAND 26 26797 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
9147.75	-52.15	2.10	11.60	-44.80	-13.00	H
9223.25	-51.36	2.10	11.60	-44.01	-13.00	H
9300.00	-51.00	2.00	11.60	-43.55	-13.00	H
9429.50	-51.81	2.10	11.60	-44.46	-13.00	H
9474.25	-51.34	2.10	11.60	-43.99	-13.00	V
9710.75	-51.66	2.20	11.20	-44.81	-13.00	H

LTE BAND 26 27033 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
8533.25	-52.88	2.10	12.00	-45.13	-13.00	H
9145.25	-51.98	2.10	11.60	-44.63	-13.00	H
9223.00	-51.67	2.10	11.60	-44.32	-13.00	H
9302.25	-51.12	2.00	11.60	-43.67	-13.00	H
9424.00	-51.51	2.10	11.60	-44.16	-13.00	H
9473.50	-51.28	2.10	11.60	-43.93	-13.00	V

LTE BAND 26 26915 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
7201.00	-53.12	1.80	12.00	-45.07	-13.00	V
9148.25	-52.08	2.10	11.60	-44.73	-13.00	H
9226.25	-51.70	2.10	11.60	-44.35	-13.00	H
9297.75	-50.52	2.00	11.60	-43.07	-13.00	H
9422.25	-52.36	2.10	11.60	-45.01	-13.00	H
9473.75	-51.90	2.10	11.60	-44.55	-13.00	V

LTE BAND 26 26797 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
9093.00	-52.15	2.20	11.60	-44.90	-13.00	H
9105.75	-51.73	2.20	11.60	-44.48	-13.00	H
9226.50	-51.76	2.10	11.60	-44.41	-13.00	H
9301.00	-51.78	2.00	11.60	-44.33	-13.00	H
9424.00	-52.07	2.10	11.60	-44.72	-13.00	H
9473.75	-50.95	2.10	11.60	-43.60	-13.00	V

LTE BAND 26 26783

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
9105.50	-51.68	2.20	11.60	-44.43	-13.00	H
9228.50	-51.22	2.10	11.60	-43.87	-13.00	H
9294.50	-50.79	2.00	11.60	-43.34	-13.00	H
9427.25	-51.52	2.10	11.60	-44.17	-13.00	H
9473.25	-50.53	2.10	11.60	-43.18	-13.00	V
9728.00	-51.50	2.20	11.20	-44.65	-13.00	H

LTE BAND 26 26740

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
8366.00	-52.33	1.80	11.30	-44.98	-13.00	H
9223.00	-51.43	2.10	11.60	-44.08	-13.00	H
9304.75	-50.37	2.00	11.60	-42.92	-13.00	H
9369.75	-52.29	2.00	11.60	-44.84	-13.00	V
9476.00	-51.70	2.10	11.60	-44.35	-13.00	V
9734.50	-51.04	2.20	11.20	-44.19	-13.00	H

LTE BAND 26 26697

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
8478.50	-52.12	1.80	11.30	-44.77	-13.00	H
9103.25	-51.75	2.20	11.60	-44.50	-13.00	H
9223.75	-51.13	2.10	11.60	-43.78	-13.00	H
9298.50	-51.10	2.00	11.60	-43.65	-13.00	H
9475.50	-51.34	2.10	11.60	-43.99	-13.00	V
9678.50	-51.63	2.20	11.20	-44.78	-13.00	H

LTE BAND 26 26783 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
7200.00	-53.25	1.80	12.00	-45.20	-13.00	V
8435.50	-52.49	1.80	11.30	-45.14	-13.00	H
9099.50	-52.27	2.20	11.60	-45.02	-13.00	H
9222.25	-51.02	2.10	11.60	-43.67	-13.00	H
9296.25	-50.84	2.00	11.60	-43.39	-13.00	H
9471.75	-51.71	2.10	11.60	-44.36	-13.00	V

LTE BAND 26 26740 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
8527.75	-52.71	2.10	12.00	-44.96	-13.00	H
9160.75	-52.22	2.10	11.60	-44.87	-13.00	H
9221.25	-51.04	2.10	11.60	-43.69	-13.00	H
9291.50	-51.75	2.00	11.60	-44.30	-13.00	H
9424.25	-52.25	2.10	11.60	-44.90	-13.00	H
9471.50	-51.10	2.10	11.60	-43.75	-13.00	V

LTE BAND 26 26697 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
8472.75	-51.80	1.80	11.30	-44.45	-13.00	V
9223.50	-51.69	2.10	11.60	-44.34	-13.00	H
9300.75	-51.24	2.00	11.60	-43.79	-13.00	H
9424.75	-51.88	2.10	11.60	-44.53	-13.00	H
9476.50	-51.74	2.10	11.60	-44.39	-13.00	V
9718.00	-50.93	2.20	11.20	-44.08	-13.00	H

LTE BAND 26 26783 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
9096.25	-52.19	2.20	11.60	-44.94	-13.00	H
9178.25	-52.16	2.10	11.60	-44.81	-13.00	V
9226.25	-51.05	2.10	11.60	-43.70	-13.00	H
9299.25	-51.52	2.00	11.60	-44.07	-13.00	H
9374.25	-51.98	2.00	11.60	-44.53	-13.00	V
9476.75	-51.57	2.10	11.60	-44.22	-13.00	V

LTE BAND 26 26740 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
8489.75	-52.52	1.80	11.30	-45.17	-13.00	V
9151.50	-52.55	2.10	11.60	-45.20	-13.00	H
9226.25	-51.40	2.10	11.60	-44.05	-13.00	H
9306.00	-51.24	2.00	11.60	-43.79	-13.00	H
9428.00	-52.49	2.10	11.60	-45.14	-13.00	H
9474.00	-51.15	2.10	11.60	-43.80	-13.00	V

LTE BAND 26 26697 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
8476.25	-51.73	1.80	11.30	-44.38	-13.00	H
9153.75	-51.63	2.10	11.60	-44.28	-13.00	H
9225.75	-51.38	2.10	11.60	-44.03	-13.00	H
9308.25	-51.32	2.00	11.60	-43.87	-13.00	H
9474.75	-51.09	2.10	11.60	-43.74	-13.00	V
9714.00	-50.99	2.20	11.20	-44.14	-13.00	H

LTE BAND 30 27685

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
6916.19	-53.92	1.80	12.40	-43.32	-40.00	V
9221.50	-55.91	2.10	11.60	-46.41	-40.00	V
16969.50	-60.03	2.90	16.50	-46.43	-40.00	V
17258.00	-57.42	3.20	14.50	-46.12	-40.00	V
17467.00	-57.17	2.90	14.50	-45.57	-40.00	V
17560.50	-55.37	2.90	12.80	-45.47	-40.00	V

LTE BAND 30 27710

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
6923.81	-53.98	1.80	12.40	-43.38	-40.00	V
16991.50	-58.54	2.90	16.50	-44.94	-40.00	V
17234.50	-56.76	3.20	14.50	-45.46	-40.00	V
17399.50	-55.72	2.90	14.50	-44.12	-40.00	V
17512.50	-53.92	2.90	12.80	-44.02	-40.00	V
17990.50	-54.14	3.20	12.80	-44.54	-40.00	V

LTE BAND 30 27735

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
6931.43	-54.18	1.80	12.40	-43.58	-40.00	V
16467.50	-61.50	2.70	17.40	-46.80	-40.00	V
16927.00	-59.87	2.90	16.50	-46.27	-40.00	V
17252.00	-57.72	3.20	14.50	-46.42	-40.00	V
17510.00	-55.01	2.90	12.80	-45.11	-40.00	V
17570.50	-54.96	3.30	12.80	-45.46	-40.00	V

LTE BAND 30 27685 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
6916.19	-54.01	1.80	12.40	-43.41	-40.00	V
16474.00	-61.87	2.70	17.40	-47.17	-40.00	V
16990.00	-59.97	2.90	16.50	-46.37	-40.00	V
17254.00	-57.20	3.20	14.50	-45.90	-40.00	V
17482.50	-57.03	2.90	14.50	-45.43	-40.00	V
17559.50	-55.36	2.90	12.80	-45.46	-40.00	V

LTE BAND 30 27710 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
6923.81	-54.18	1.80	12.40	-43.58	-40.00	V
16966.00	-60.02	2.90	16.50	-46.42	-40.00	V
17190.50	-58.73	2.90	14.50	-47.13	-40.00	V
17259.50	-57.97	3.20	14.50	-46.67	-40.00	V
17485.50	-57.05	2.90	14.50	-45.45	-40.00	V
17563.50	-55.11	3.30	12.80	-45.61	-40.00	V

LTE BAND 30 27735 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
6931.43	-54.74	1.80	12.40	-44.14	-40.00	V
16935.50	-59.87	2.90	16.50	-46.27	-40.00	V
17170.00	-58.76	2.90	14.50	-47.16	-40.00	V
17320.50	-57.82	3.20	14.50	-46.52	-40.00	V
17484.00	-56.78	2.90	14.50	-45.18	-40.00	V
17574.50	-55.07	3.30	12.80	-45.57	-40.00	V

LTE BAND 30 27685

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
6916.19	-54.44	1.80	12.40	-43.84	-40.00	V
16986.50	-59.98	2.90	16.50	-46.38	-40.00	V
17182.00	-58.66	2.90	14.50	-47.06	-40.00	V
17264.50	-58.01	3.20	14.50	-46.71	-40.00	V
17503.50	-55.51	2.90	12.80	-45.61	-40.00	V
17558.00	-55.35	2.90	12.80	-45.45	-40.00	V

LTE BAND 30 27710

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
6923.81	-54.13	1.80	12.40	-43.53	-40.00	V
16990.50	-60.03	2.90	16.50	-46.43	-40.00	V
17175.00	-58.85	2.90	14.50	-47.25	-40.00	V
17247.50	-57.89	3.20	14.50	-46.59	-40.00	V
17495.00	-57.18	2.90	14.50	-45.58	-40.00	V
17570.50	-55.06	3.30	12.80	-45.56	-40.00	V

LTE BAND 30 27735

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
6931.43	-54.96	1.80	12.40	-44.36	-40.00	V
16983.00	-59.48	2.90	16.50	-45.88	-40.00	V
17177.00	-58.57	2.90	14.50	-46.97	-40.00	V
17257.50	-57.84	3.20	14.50	-46.54	-40.00	V
17487.00	-57.04	2.90	14.50	-45.44	-40.00	V
17571.50	-55.22	3.30	12.80	-45.72	-40.00	V

LTE BAND 38 37775

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16952.50	-54.87	2.90	16.50	-41.27	-25.00	H
17184.50	-53.73	2.90	14.50	-42.13	-25.00	H
17340.00	-53.04	3.20	14.50	-41.74	-25.00	H
17522.50	-49.83	2.90	12.80	-39.93	-25.00	H
17574.50	-49.22	3.30	12.80	-39.72	-25.00	H
17838.00	-49.71	3.60	12.80	-40.51	-25.00	H

LTE BAND 38 38000

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16983.00	-54.72	2.90	16.50	-41.12	-25.00	H
17211.00	-53.66	2.90	14.50	-42.06	-25.00	H
17299.00	-52.96	3.20	14.50	-41.66	-25.00	H
17523.50	-49.75	2.90	12.80	-39.85	-25.00	H
17527.50	-49.77	2.90	12.80	-39.87	-25.00	H
17832.50	-49.55	3.60	12.80	-40.35	-25.00	H

LTE BAND 38 38225

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16950.50	-54.78	2.90	16.50	-41.18	-25.00	H
17185.00	-53.29	2.90	14.50	-41.69	-25.00	H
17230.50	-52.90	3.20	14.50	-41.60	-25.00	H
17465.00	-51.53	2.90	14.50	-39.93	-25.00	H
17571.50	-49.39	3.30	12.80	-39.89	-25.00	H
17840.00	-49.41	3.60	12.80	-40.21	-25.00	H

LTE BAND 38 37775 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
16991.50	-54.69	2.90	16.50	-41.09	-25.00	H
17184.50	-53.66	2.90	14.50	-42.06	-25.00	H
17363.00	-52.71	3.20	14.50	-41.41	-25.00	H
17432.50	-51.41	2.90	14.50	-39.81	-25.00	H
17593.50	-49.33	3.30	12.80	-39.83	-25.00	H
17829.00	-49.57	3.60	12.80	-40.37	-25.00	H

LTE BAND 38 38000 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
16991.00	-54.78	2.90	16.50	-41.18	-25.00	H
17125.50	-53.44	2.90	14.50	-41.84	-25.00	H
17361.50	-52.80	3.20	14.50	-41.50	-25.00	H
17463.00	-51.31	2.90	14.50	-39.71	-25.00	H
17589.50	-48.82	3.30	12.80	-39.32	-25.00	H
17839.00	-48.73	3.60	12.80	-39.53	-25.00	H

LTE BAND 38 38225 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
16964.50	-54.56	2.90	16.50	-40.96	-25.00	H
17111.50	-53.46	2.90	14.50	-41.86	-25.00	H
17299.50	-52.84	3.20	14.50	-41.54	-25.00	H
17456.50	-51.56	2.90	14.50	-39.96	-25.00	H
17578.50	-49.33	3.30	12.80	-39.83	-25.00	H
17835.50	-49.57	3.60	12.80	-40.37	-25.00	H

LTE BAND 38 37775 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16993.00	-54.91	2.90	16.50	-41.31	-25.00	H
17214.50	-53.55	2.90	14.50	-41.95	-25.00	H
17275.00	-52.75	3.20	14.50	-41.45	-25.00	H
17521.00	-49.65	2.90	12.80	-39.75	-25.00	H
17525.50	-49.64	2.90	12.80	-39.74	-25.00	H
17837.00	-49.23	3.60	12.80	-40.03	-25.00	H

LTE BAND 38 38000 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16964.50	-54.68	2.90	16.50	-41.08	-25.00	H
17215.00	-53.61	2.90	14.50	-42.01	-25.00	H
17285.00	-52.26	3.20	14.50	-40.96	-25.00	H
17503.50	-49.66	2.90	12.80	-39.76	-25.00	H
17594.50	-49.40	3.30	12.80	-39.90	-25.00	H
17840.00	-49.56	3.60	12.80	-40.36	-25.00	H

LTE BAND 38 38225 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16992.50	-54.95	2.90	16.50	-41.35	-25.00	H
17188.00	-53.31	2.90	14.50	-41.71	-25.00	H
17368.50	-52.95	3.20	14.50	-41.65	-25.00	H
17505.50	-49.70	2.90	12.80	-39.80	-25.00	H
17593.50	-49.23	3.30	12.80	-39.73	-25.00	H
17839.50	-49.55	3.60	12.80	-40.35	-25.00	H

LTE BAND 41 39675

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16983.00	-54.56	2.90	16.50	-40.96	-25.00	H
17114.00	-53.35	2.90	14.50	-41.75	-25.00	H
17295.00	-52.71	3.20	14.50	-41.41	-25.00	H
17524.00	-49.72	2.90	12.80	-39.82	-25.00	H
17569.00	-48.99	3.30	12.80	-39.49	-25.00	H
17830.50	-49.66	3.60	12.80	-40.46	-25.00	H

LTE BAND 41 40620

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16963.50	-54.56	2.90	16.50	-40.96	-25.00	H
17182.00	-53.49	2.90	14.50	-41.89	-25.00	H
17368.00	-52.72	3.20	14.50	-41.42	-25.00	H
17451.50	-51.32	2.90	14.50	-39.72	-25.00	H
17587.50	-49.10	3.30	12.80	-39.60	-25.00	H
17838.00	-49.52	3.60	12.80	-40.32	-25.00	H

LTE BAND 41 41565

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16941.50	-54.58	2.90	16.50	-40.98	-25.00	H
17186.00	-53.49	2.90	14.50	-41.89	-25.00	H
17303.00	-52.73	3.20	14.50	-41.43	-25.00	H
17451.50	-51.26	2.90	14.50	-39.66	-25.00	H
17616.00	-49.23	3.30	12.80	-39.73	-25.00	H
17839.00	-49.51	3.60	12.80	-40.31	-25.00	H

LTE BAND 41 39675 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
17001.00	-52.98	2.90	14.50	-41.38	-25.00	H
17188.00	-53.56	2.90	14.50	-41.96	-25.00	H
17355.00	-52.85	3.20	14.50	-41.55	-25.00	H
17434.00	-51.24	2.90	14.50	-39.64	-25.00	H
17597.00	-49.21	3.30	12.80	-39.71	-25.00	H
17838.00	-49.34	3.60	12.80	-40.14	-25.00	H

LTE BAND 41 40620 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
16971.00	-54.84	2.90	16.50	-41.24	-25.00	H
17186.50	-53.59	2.90	14.50	-41.99	-25.00	H
17365.00	-52.91	3.20	14.50	-41.61	-25.00	H
17457.00	-51.24	2.90	14.50	-39.64	-25.00	H
17610.50	-49.10	3.30	12.80	-39.60	-25.00	H
17835.50	-49.58	3.60	12.80	-40.38	-25.00	H

LTE BAND 41 41565 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
16983.00	-54.89	2.90	16.50	-41.29	-25.00	H
17126.00	-53.56	2.90	14.50	-41.96	-25.00	H
17363.00	-52.65	3.20	14.50	-41.35	-25.00	H
17508.00	-49.70	2.90	12.80	-39.80	-25.00	H
17618.50	-48.89	3.30	12.80	-39.39	-25.00	H
17840.00	-49.34	3.60	12.80	-40.14	-25.00	H

LTE BAND 41 39675 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16937.50	-54.75	2.90	16.50	-41.15	-25.00	H
17202.50	-53.39	2.90	14.50	-41.79	-25.00	H
17355.50	-52.89	3.20	14.50	-41.59	-25.00	H
17524.00	-49.68	2.90	12.80	-39.78	-25.00	H
17627.00	-49.29	3.30	12.80	-39.79	-25.00	H
17834.50	-49.78	3.60	12.80	-40.58	-25.00	H

LTE BAND 41 40620 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16952.50	-55.12	2.90	16.50	-41.52	-25.00	H
17125.50	-53.67	2.90	14.50	-42.07	-25.00	H
17273.00	-53.20	3.20	14.50	-41.90	-25.00	H
17520.00	-50.15	2.90	12.80	-40.25	-25.00	H
17626.00	-49.40	3.30	12.80	-39.90	-25.00	H
17838.00	-49.80	3.60	12.80	-40.60	-25.00	H

LTE BAND 41 41565 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16985.00	-54.60	2.90	16.50	-41.00	-25.00	H
17178.00	-53.28	2.90	14.50	-41.68	-25.00	H
17300.00	-52.70	3.20	14.50	-41.40	-25.00	H
17455.50	-51.09	2.90	14.50	-39.49	-25.00	H
17577.00	-49.05	3.30	12.80	-39.55	-25.00	H
17836.50	-49.68	3.60	12.80	-40.48	-25.00	H

LTE BAND 42 42115

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
6900.95	-53.71	1.80	12.40	-43.11	-13.00	V
16992.50	-60.01	2.90	16.50	-46.41	-13.00	V
17249.50	-58.03	3.20	14.50	-46.73	-13.00	V
17496.50	-45.43	2.90	2.90	-45.43	-13.00	V
17570.00	-45.26	3.30	3.30	-45.26	-13.00	V
17989.50	-45.96	3.20	3.20	-45.96	-13.00	V

LTE BAND 42 42590

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
6996.19	-53.12	1.80	12.40	-42.52	-13.00	V
16926.00	-60.54	2.90	16.50	-46.94	-13.00	V
17263.00	-58.37	3.20	14.50	-47.07	-13.00	V
17513.00	-46.08	2.90	2.90	-46.08	-13.00	V
17570.50	-46.40	3.30	3.30	-46.40	-13.00	V
17979.50	-46.39	3.20	3.20	-46.39	-13.00	V

LTE BAND 42 43065

Frequency (MHz)	P _{Mea} (dBm)	Path loss	P _{Mea} (dBm)	Path loss	Limit	Polarization
7090.50	-53.49	1.80	12.00	-43.29	-13.00	V
16990.50	-60.15	2.90	16.50	-46.55	-13.00	V
17172.00	-59.06	2.90	14.50	-47.46	-13.00	V
17250.50	-58.21	3.20	14.50	-46.91	-13.00	V
17464.50	-57.32	2.90	14.50	-45.72	-13.00	V
17569.00	-54.90	3.30	12.80	-45.40	-13.00	V

LTE BAND 42 42115 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
6900.95	-51.81	1.80	12.40	-41.21	-13.00	V
16922.00	-60.00	2.90	16.50	-46.40	-13.00	V
17275.00	-57.87	3.20	14.50	-46.57	-13.00	V
17494.50	-45.63	2.90	2.90	-45.63	-13.00	V
17567.00	-45.68	3.30	3.30	-45.68	-13.00	V
17986.00	-45.89	3.20	3.20	-45.89	-13.00	V

LTE BAND 42 42590 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
16473.00	-61.63	2.70	17.40	-46.93	-13.00	V
16924.50	-59.64	2.90	16.50	-46.04	-13.00	V
17293.00	-58.05	3.20	14.50	-46.75	-13.00	V
17507.00	-45.53	2.90	2.90	-45.53	-13.00	V
17574.50	-45.60	3.30	3.30	-45.60	-13.00	V
17702.00	-47.01	3.30	3.30	-47.01	-13.00	V

LTE BAND 42 43065 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	P _{Mea} (dBm)	Path loss	Limit	Polarization
7091.00	-52.59	1.80	12.00	-42.39	-13.00	V
16473.50	-61.59	2.70	17.40	-46.89	-13.00	V
16990.00	-59.95	2.90	16.50	-46.35	-13.00	V
17499.50	-57.32	2.90	14.50	-45.72	-13.00	V
17571.00	-55.21	3.30	12.80	-45.71	-13.00	V
17978.50	-55.76	3.20	12.80	-46.16	-13.00	V

LTE BAND 42 42115 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16466.50	-61.84	2.70	17.40	-47.14	-13.00	V
16935.50	-59.94	2.90	16.50	-46.34	-13.00	V
17165.50	-58.92	2.90	14.50	-47.32	-13.00	V
17249.50	-46.58	3.20	3.20	-46.58	-13.00	V
17511.00	-45.44	2.90	2.90	-45.44	-13.00	V
17569.00	-45.20	3.30	3.30	-45.20	-13.00	V

LTE BAND 42 42590 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16474.00	-62.00	2.70	17.40	-47.30	-13.00	V
16990.50	-59.96	2.90	16.50	-46.36	-13.00	V
17170.50	-58.89	2.90	14.50	-47.29	-13.00	V
17262.50	-46.67	3.20	3.20	-46.67	-13.00	V
17467.00	-45.37	2.90	2.90	-45.37	-13.00	V
17558.00	-45.60	2.90	2.90	-45.60	-13.00	V

LTE BAND 42 43065 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	P _{Mea} (dBm)	Path loss	Limit	Polarizatio n
7091.00	-56.97	1.80	12.00	-46.77	-13.00	V
16995.00	-59.74	2.90	16.50	-46.14	-13.00	V
17273.00	-58.30	3.20	14.50	-47.00	-13.00	V
17500.50	-55.68	2.90	12.80	-45.78	-13.00	V
17578.00	-54.67	3.30	12.80	-45.17	-13.00	V
17699.50	-56.72	3.30	12.80	-47.22	-13.00	V

LTE BAND 42 43115

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
7100.50	-53.70	1.80	12.00	-43.50	-40.00	V
16938.00	-59.94	2.90	16.50	-46.34	-40.00	V
17250.50	-58.05	3.20	14.50	-46.75	-40.00	V
17514.00	-55.57	2.90	12.80	-45.67	-40.00	V
17571.50	-55.12	3.30	12.80	-45.62	-40.00	V
17985.00	-55.70	3.20	12.80	-46.10	-40.00	V

LTE BAND 42 43340

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16475.00	-61.83	2.70	17.40	-47.13	-40.00	V
16935.50	-59.72	2.90	16.50	-46.12	-40.00	V
17249.50	-58.35	3.20	14.50	-47.05	-40.00	V
17472.00	-57.19	2.90	14.50	-45.59	-40.00	V
17573.50	-55.02	3.30	12.80	-45.52	-40.00	V
17692.00	-56.54	3.30	12.80	-47.04	-40.00	V

LTE BAND 42 43565

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
7190.50	-53.72	1.80	12.00	-43.52	-40.00	V
16940.50	-60.19	2.90	16.50	-46.59	-40.00	V
17253.00	-58.31	3.20	14.50	-47.01	-40.00	V
17522.50	-55.22	2.90	12.80	-45.32	-40.00	V
17578.50	-55.16	3.30	12.80	-45.66	-40.00	V
17980.50	-55.67	3.20	12.80	-46.07	-40.00	V

LTE BAND 42 43115 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
7101.00	-55.59	1.90	12.00	-45.49	-40.00	V
16930.00	-60.19	2.90	16.50	-46.59	-40.00	V
17255.50	-58.27	3.20	14.50	-46.97	-40.00	V
17402.00	-56.83	2.90	14.50	-45.23	-40.00	V
17569.50	-55.29	3.30	12.80	-45.79	-40.00	V
17977.50	-55.66	3.20	12.80	-46.06	-40.00	V

LTE BAND 42 43340 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
7145.50	-53.73	1.90	12.00	-43.63	-40.00	V
16941.00	-59.74	2.90	16.50	-46.14	-40.00	V
17268.00	-58.25	3.20	14.50	-46.95	-40.00	V
17514.50	-55.67	2.90	12.80	-45.77	-40.00	V
17580.00	-55.24	3.30	12.80	-45.74	-40.00	V
17986.00	-55.67	3.20	12.80	-46.07	-40.00	V

LTE BAND 42 43565 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
7191.00	-54.05	1.80	12.00	-43.85	-40.00	V
16947.50	-60.02	2.90	16.50	-46.42	-40.00	V
17245.00	-58.10	3.20	14.50	-46.80	-40.00	V
17470.50	-57.36	2.90	14.50	-45.76	-40.00	V
17573.00	-55.16	3.30	12.80	-45.66	-40.00	V
17992.50	-55.72	3.20	12.80	-46.12	-40.00	V

LTE BAND 42 43115 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
7100.50	-53.54	1.80	12.00	-43.34	-40.00	V
16924.00	-60.06	2.90	16.50	-46.46	-40.00	V
17254.00	-57.92	3.20	14.50	-46.62	-40.00	V
17475.00	-57.14	2.90	14.50	-45.54	-40.00	V
17573.00	-55.36	3.30	12.80	-45.86	-40.00	V
17991.50	-55.77	3.20	12.80	-46.17	-40.00	V

LTE BAND 42 43340 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
7145.50	-57.07	1.90	12.00	-46.97	-40.00	V
16990.50	-60.23	2.90	16.50	-46.63	-40.00	V
17259.50	-58.20	3.20	14.50	-46.90	-40.00	V
17516.50	-55.39	2.90	12.80	-45.49	-40.00	V
17574.00	-55.19	3.30	12.80	-45.69	-40.00	V
17942.50	-55.24	3.20	12.80	-45.64	-40.00	V

LTE BAND 42 43565 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
7190.50	-53.31	1.80	12.00	-43.11	-40.00	V
16984.50	-60.23	2.90	16.50	-46.63	-40.00	V
17512.00	-55.53	2.90	12.80	-45.63	-40.00	V
17582.50	-55.24	3.30	12.80	-45.74	-40.00	V
17699.50	-56.43	3.30	12.80	-46.93	-40.00	V
17985.00	-55.80	3.20	12.80	-46.20	-40.00	V

LTE BAND 43 43615

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
7208.00	-53.99	1.80	12.00	-43.79	-40.00	V
16945.50	-60.24	2.90	16.50	-46.64	-40.00	V
17249.50	-57.91	3.20	14.50	-46.61	-40.00	V
17479.50	-57.32	2.90	14.50	-45.72	-40.00	V
17572.50	-55.40	3.30	12.80	-45.90	-40.00	V
17990.50	-56.01	3.20	12.80	-46.41	-40.00	V

LTE BAND 43 44090

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
7295.50	-53.47	1.90	12.00	-43.37	-40.00	V
16925.00	-60.02	2.90	16.50	-46.42	-40.00	V
17168.00	-58.88	2.90	14.50	-47.28	-40.00	V
17254.00	-58.39	3.20	14.50	-47.09	-40.00	V
17476.50	-57.30	2.90	14.50	-45.70	-40.00	V
17570.50	-55.31	3.30	12.80	-45.81	-40.00	V

LTE BAND 43 44565

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
7391.00	-56.66	1.90	12.00	-46.56	-40.00	V
16995.50	-60.08	2.90	16.50	-46.48	-40.00	V
17317.00	-58.28	3.20	14.50	-46.98	-40.00	V
17475.50	-57.38	2.90	14.50	-45.78	-40.00	V
17573.50	-55.03	3.30	12.80	-45.53	-40.00	V
17984.50	-55.83	3.20	12.80	-46.23	-40.00	V

LTE BAND 43 43615 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
7208.00	-53.36	1.80	12.00	-43.16	-40.00	V
16935.50	-60.10	2.90	16.50	-46.50	-40.00	V
17254.50	-57.98	3.20	14.50	-46.68	-40.00	V
17503.50	-55.75	2.90	12.80	-45.85	-40.00	V
17573.50	-55.32	3.30	12.80	-45.82	-40.00	V
17983.50	-55.82	3.20	12.80	-46.22	-40.00	V

LTE BAND 43 44090 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16948.00	-60.22	2.90	16.50	-46.62	-40.00	V
17178.00	-58.90	2.90	14.50	-47.30	-40.00	V
17273.00	-58.50	3.20	14.50	-47.20	-40.00	V
17514.50	-55.57	2.90	12.80	-45.67	-40.00	V
17574.50	-55.24	3.30	12.80	-45.74	-40.00	V
17698.00	-56.74	3.30	12.80	-47.24	-40.00	V

LTE BAND 43 44565 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16942.50	-60.26	2.90	16.50	-46.66	-40.00	V
17099.50	-58.88	2.90	14.50	-47.28	-40.00	V
17249.50	-58.16	3.20	14.50	-46.86	-40.00	V
17478.50	-57.31	2.90	14.50	-45.71	-40.00	V
17570.50	-55.43	3.30	12.80	-45.93	-40.00	V
17983.50	-55.94	3.20	12.80	-46.34	-40.00	V

LTE BAND 43 43615 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
7207.50	-57.07	1.80	12.00	-46.87	-40.00	V
16925.00	-60.17	2.90	16.50	-46.57	-40.00	V
17245.50	-58.40	3.20	14.50	-47.10	-40.00	V
17470.50	-57.42	2.90	14.50	-45.82	-40.00	V
17528.50	-55.69	2.90	12.80	-45.79	-40.00	V
17974.50	-56.03	3.20	12.80	-46.43	-40.00	V

LTE BAND 43 44090 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
7295.50	-53.28	1.90	12.00	-43.18	-40.00	V
16950.50	-60.14	2.90	16.50	-46.54	-40.00	V
17177.00	-58.94	2.90	14.50	-47.34	-40.00	V
17239.00	-58.18	3.20	14.50	-46.88	-40.00	V
17524.00	-55.66	2.90	12.80	-45.76	-40.00	V
17577.00	-55.24	3.30	12.80	-45.74	-40.00	V

LTE BAND 43 44565 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
7390.50	-53.37	1.90	12.00	-43.27	-40.00	V
16937.50	-60.22	2.90	16.50	-46.62	-40.00	V
17254.50	-58.10	3.20	14.50	-46.80	-40.00	V
17462.50	-57.28	2.90	14.50	-45.68	-40.00	V
17572.50	-55.23	3.30	12.80	-45.73	-40.00	V
17988.00	-55.76	3.20	12.80	-46.16	-40.00	V

LTE BAND 48 55265

Frequency (MHz)	Ppm(dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
7100.73	-57.54	1.80	12.00	-47.34	-40.00	H
8826.80	-67.86	1.90	12.00	-57.76	-40.00	H
10484.89	-65.25	2.30	11.30	-56.25	-40.00	V
11855.14	-53.38	2.50	2.50	-53.38	-40.00	H
13891.00	-53.16	2.20	2.20	-53.16	-40.00	H
15795.88	-50.11	2.40	2.40	-50.11	-40.00	H

LTE BAND 48 55990

Frequency (MHz)	Ppm(dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
7245.38	-54.50	1.90	12.00	-44.40	-40.00	V
8792.57	-68.36	1.90	12.00	-58.26	-40.00	V
10291.07	-65.73	2.10	11.30	-56.53	-40.00	V
12750.00	-53.85	2.60	2.60	-53.85	-40.00	H
14371.81	-53.02	2.60	2.60	-53.02	-40.00	H
15660.69	-50.06	2.70	2.70	-50.06	-40.00	H

LTE BAND 48 56715

Frequency (MHz)	Ppm(dBm)	Path loss	Ppm(dBm)	Path loss	Limit	Polarization
7390.50	-54.50	1.90	12.00	-44.40	-40.00	H
9457.45	-67.50	2.10	11.60	-58.00	-40.00	H
10789.61	-65.31	2.30	10.80	-56.81	-40.00	V
11862.38	-61.49	2.50	11.00	-52.99	-40.00	H
15154.94	-60.76	2.50	12.40	-50.86	-40.00	V
16846.75	-60.53	2.90	16.50	-46.93	-40.00	H

LTE BAND 48 55265 16QAM

Frequency (MHz)	Ppm(dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
7101.21	-56.81	1.90	12.00	-46.71	-40.00	V
9888.48	-65.55	2.20	11.20	-56.55	-40.00	V
11863.34	-61.91	2.50	11.00	-53.41	-40.00	V
13149.44	-53.24	2.30	2.30	-53.24	-40.00	V
14216.06	-53.42	2.50	2.50	-53.42	-40.00	V
15858.00	-49.44	2.40	2.40	-49.44	-40.00	V

LTE BAND 48 55990 16QAM

Frequency (MHz)	Ppm(dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
7245.86	-55.48	1.90	12.00	-45.38	-40.00	H
8845.12	-67.03	1.90	12.00	-56.93	-40.00	H
11139.64	-62.78	2.50	10.50	-54.78	-40.00	H
12750.00	-54.09	2.60	2.60	-54.09	-40.00	V
14496.94	-51.91	2.60	2.60	-51.91	-40.00	H
16128.38	-48.32	2.60	2.60	-48.32	-40.00	H

LTE BAND 48 56715 16QAM

Frequency (MHz)	Ppm(dBm)	Path loss	Ppm(dBm)	Path loss	Limit	Polarization
7390.98	-54.53	1.90	12.00	-44.43	-40.00	V
11161.82	-62.97	2.50	10.50	-54.97	-40.00	H
13098.25	-64.98	2.30	13.30	-53.98	-40.00	V
14557.31	-60.16	2.60	11.20	-51.56	-40.00	H
15857.12	-62.40	2.40	15.60	-49.20	-40.00	H
16915.00	-60.01	2.90	16.50	-46.41	-40.00	H

LTE BAND 48 55265 64QAM

Frequency (MHz)	Ppm(dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
7101.21	-58.82	1.90	12.00	-48.72	-40.00	H
9057.27	-67.61	2.20	11.60	-58.21	-40.00	H
10800.70	-65.11	2.30	10.80	-56.61	-40.00	V
12166.12	-54.32	2.60	2.60	-54.32	-40.00	H
14803.62	-51.82	2.50	2.50	-51.82	-40.00	V
16862.06	-46.83	2.90	2.90	-46.83	-40.00	H

LTE BAND 48 55990 64QAM

Frequency (MHz)	Ppm(dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
7245.86	-55.62	1.90	12.00	-45.52	-40.00	H
8843.68	-67.26	1.90	12.00	-57.16	-40.00	H
11196.54	-62.31	2.50	10.50	-54.31	-40.00	V
11891.79	-53.09	2.50	2.50	-53.09	-40.00	H
13919.44	-52.57	2.20	2.20	-52.57	-40.00	V
16179.56	-47.76	2.60	2.60	-47.76	-40.00	H

LTE BAND 48 56715 64QAM

Frequency (MHz)	Ppm(dBm)	Path loss	Ppm(dBm)	Path loss	Limit	Polarization
7390.98	-54.02	1.90	12.00	-43.92	-40.00	H
8877.43	-67.77	1.90	12.00	-57.67	-40.00	H
11129.04	-62.76	2.50	10.50	-54.76	-40.00	V
13149.00	-64.02	2.30	13.30	-53.02	-40.00	V
15157.56	-60.80	2.50	12.40	-50.90	-40.00	V
17889.31	-55.70	3.60	12.80	-46.50	-40.00	H

LTE BAND 66 131979

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16931.50	-45.01	2.90	16.50	-31.41	-13.00	H
17096.50	-43.18	2.90	14.50	-31.58	-13.00	H
17319.50	-43.07	3.20	14.50	-31.77	-13.00	H
17461.00	-41.88	2.90	14.50	-30.28	-13.00	H
17594.00	-38.55	3.30	12.80	-29.05	-13.00	H
17819.00	-39.87	3.60	12.80	-30.67	-13.00	H

LTE BAND 66 132322

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16947.50	-44.71	2.90	16.50	-31.11	-13.00	H
17096.00	-43.69	2.90	14.50	-32.09	-13.00	H
17238.50	-42.36	3.20	14.50	-31.06	-13.00	H
17462.00	-41.45	2.90	14.50	-29.85	-13.00	H
17628.00	-39.35	3.30	12.80	-29.85	-13.00	H
17806.00	-39.84	3.60	12.80	-30.64	-13.00	H

LTE BAND 66 132665

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarizatio n
16983.50	-44.23	2.90	16.50	-30.63	-13.00	H
17188.00	-43.37	2.90	14.50	-31.77	-13.00	H
17349.50	-42.70	3.20	14.50	-31.40	-13.00	H
17443.00	-41.44	2.90	14.50	-29.84	-13.00	H
17617.50	-39.05	3.30	12.80	-29.55	-13.00	H
17820.00	-39.65	3.60	12.80	-30.45	-13.00	H

LTE BAND 66 131979 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
16945.50	-44.65	2.90	16.50	-31.05	-13.00	H
17088.00	-43.31	2.90	14.50	-31.71	-13.00	H
17291.00	-42.45	3.20	14.50	-31.15	-13.00	H
17397.00	-41.59	2.90	14.50	-29.99	-13.00	H
17568.50	-39.14	3.30	12.80	-29.64	-13.00	H
17756.00	-39.53	3.60	12.80	-30.33	-13.00	H

LTE BAND 66 132322 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
16934.50	-44.89	2.90	16.50	-31.29	-13.00	H
17208.00	-43.60	2.90	14.50	-32.00	-13.00	H
17229.50	-42.55	3.20	14.50	-31.25	-13.00	H
17457.50	-41.74	2.90	14.50	-30.14	-13.00	H
17620.00	-39.57	3.30	12.80	-30.07	-13.00	H
17823.00	-39.79	3.60	12.80	-30.59	-13.00	H

LTE BAND 66 132665 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
16936.50	-44.64	2.90	16.50	-31.04	-13.00	H
17122.00	-43.08	2.90	14.50	-31.48	-13.00	H
17232.50	-42.71	3.20	14.50	-31.41	-13.00	H
17438.00	-41.21	2.90	14.50	-29.61	-13.00	H
17619.00	-39.38	3.30	12.80	-29.88	-13.00	H
17768.00	-39.46	3.60	12.80	-30.26	-13.00	H

LTE BAND 66 131979 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
16957.00	-44.73	2.90	16.50	-31.13	-13.00	H
17096.00	-44.34	2.90	14.50	-32.74	-13.00	H
17351.50	-42.97	3.20	14.50	-31.67	-13.00	H
17503.00	-40.45	2.90	12.80	-30.55	-13.00	H
17626.50	-39.58	3.30	12.80	-30.08	-13.00	H
17835.00	-39.90	3.60	12.80	-30.70	-13.00	H

LTE BAND 66 132322 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
16985.50	-45.23	2.90	16.50	-31.63	-13.00	H
17165.00	-43.92	2.90	14.50	-32.32	-13.00	H
17366.50	-42.63	3.20	14.50	-31.33	-13.00	H
17457.50	-41.73	2.90	14.50	-30.13	-13.00	H
17531.50	-39.51	2.90	12.80	-29.61	-13.00	H
17687.00	-40.04	3.30	12.80	-30.54	-13.00	H

LTE BAND 66 132665 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit	Polarization
16969.50	-44.65	2.90	16.50	-31.05	-13.00	H
17143.00	-43.17	2.90	14.50	-31.57	-13.00	H
17298.00	-42.91	3.20	14.50	-31.61	-13.00	H
17497.50	-41.27	2.90	14.50	-29.67	-13.00	H
17623.50	-38.71	3.30	12.80	-29.21	-13.00	H
17817.00	-39.31	3.60	12.80	-30.11	-13.00	H

LTE BAND 71 133147

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
8475.25	-52.10	1.80	11.30	-44.75	-13.00	H
9092.75	-51.96	2.20	11.60	-44.71	-13.00	H
9109.50	-51.98	2.10	11.60	-44.63	-13.00	H
9226.25	-51.47	2.10	11.60	-44.12	-13.00	H
9301.75	-50.94	2.00	11.60	-43.49	-13.00	H
9436.00	-52.05	2.10	11.60	-44.70	-13.00	H

LTE BAND 71 133297

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
9152.00	-52.26	2.10	11.60	-44.91	-13.00	H
9224.50	-50.72	2.10	11.60	-43.37	-13.00	H
9313.75	-50.57	2.00	11.60	-43.12	-13.00	H
9421.25	-51.28	2.10	11.60	-43.93	-13.00	H
9477.25	-51.52	2.10	11.60	-44.17	-13.00	V
9715.75	-51.87	2.20	11.20	-45.02	-13.00	H

LTE BAND 71 133447

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
8805.25	-51.98	1.90	12.00	-44.03	-13.00	V
9099.50	-50.99	2.20	11.60	-43.74	-13.00	H
9233.50	-51.58	2.10	11.60	-44.23	-13.00	H
9299.00	-51.56	2.00	11.60	-44.11	-13.00	H
9426.50	-51.67	2.10	11.60	-44.32	-13.00	H
9471.75	-51.40	2.10	11.60	-44.05	-13.00	V

LTE BAND 71 133147 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
8418.75	-52.06	1.80	11.30	-44.71	-13.00	V
9100.25	-51.92	2.20	11.60	-44.67	-13.00	H
9224.25	-50.92	2.10	11.60	-43.57	-13.00	H
9307.00	-50.99	2.00	11.60	-43.54	-13.00	H
9424.00	-51.82	2.10	11.60	-44.47	-13.00	H
9476.75	-51.81	2.10	11.60	-44.46	-13.00	V

LTE BAND 71 133297 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
8470.00	-52.43	1.80	11.30	-45.08	-13.00	H
9154.50	-51.90	2.10	11.60	-44.55	-13.00	H
9222.50	-51.28	2.10	11.60	-43.93	-13.00	H
9304.75	-49.98	2.00	11.60	-42.53	-13.00	H
9417.50	-51.81	2.10	11.60	-44.46	-13.00	H
9473.75	-51.38	2.10	11.60	-44.03	-13.00	V

LTE BAND 71 133447 16QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
9096.00	-51.96	2.20	11.60	-44.71	-13.00	H
9147.50	-51.83	2.10	11.60	-44.48	-13.00	H
9227.75	-50.37	2.10	11.60	-43.02	-13.00	H
9299.50	-51.55	2.00	11.60	-44.10	-13.00	H
9369.00	-52.55	2.00	11.60	-45.10	-13.00	H
9478.50	-51.37	2.10	11.60	-44.02	-13.00	V

LTE BAND 71 133147 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
7415.50	-52.50	1.90	12.00	-44.55	-13.00	H
9099.50	-51.79	2.20	11.60	-44.54	-13.00	H
9221.75	-51.58	2.10	11.60	-44.23	-13.00	H
9303.25	-51.79	2.00	11.60	-44.34	-13.00	H
9428.75	-51.15	2.10	11.60	-43.80	-13.00	H
9473.00	-51.82	2.10	11.60	-44.47	-13.00	V

LTE BAND 71 133297 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
9098.75	-52.39	2.20	11.60	-45.14	-13.00	H
9102.25	-51.61	2.20	11.60	-44.36	-13.00	H
9220.00	-51.31	2.10	11.60	-43.96	-13.00	H
9302.00	-51.33	2.00	11.60	-43.88	-13.00	H
9427.50	-51.67	2.10	11.60	-44.32	-13.00	H
9473.75	-51.18	2.10	11.60	-43.83	-13.00	V

LTE BAND 71 133447 64QAM

Frequency (MHz)	P _{Mea} (dBm)	Path loss	Ga Antenna Gain(dBi)	ERP(dBm)	Limit	Polarization
8634.50	-52.72	2.00	12.00	-44.87	-13.00	H
9145.00	-52.21	2.10	11.60	-44.86	-13.00	H
9225.25	-51.40	2.10	11.60	-44.05	-13.00	H
9299.75	-51.10	2.00	11.60	-43.65	-13.00	H
9430.00	-52.26	2.10	11.60	-44.91	-13.00	H
9473.50	-51.80	2.10	11.60	-44.45	-13.00	V

Note: The maximum value of expanded measurement uncertainty for this test item is U = 2.87dB(30MHz-3GHz)/3.35dB(3GHz-18GHz)/2.68dB(18GHz-40GHz), k = 2