

TEST REPORT

Applicant: TECNO MOBILE LIMITED

Address: FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE
19-25 SHAN MEI STREET FOTAN NT HONGKONG

Product Name: Tablet

FCC ID: 2ADYY-T1102

Standard(s): 47 CFR Part 2, 47 CFR Part 22, Subpart H
47 CFR Part 24, Subpart E
47 CFR Part 27
47 CFR Part 90
ANSI C63.26-2015

Report Number: 2502W27143E-RF-00E

Report Date: 2025/11/1

The above device has been tested and found compliant with the requirement of the relative standards by Bay Area Compliance Laboratories Corp. (Dongguan).

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	2502W27143E-RF-00E	Original Report	2025/11/1

1. GENERAL INFORMATION

1.1 General Description Of Equipment under Test

EUT Name:	Tablet
EUT Model:	T1102
Operation Bands and modes:	GSM/GPRS/EDGE: 850/1900 WCDMA: Band 2/4/5 LTE: Band 2/4/5/7/12/13/17/26/38/41/66
Modulation Type:	GMSK, 8PSK, BPSK, QPSK, 16QAM
Rated Input Voltage:	DC3.85V from battery or DC 5/7.5V from adapter
Serial Number:	For Radiated test:38S5-1 For RF Conducted test: 38S5-2
EUT Received Date:	2025/8/22
EUT Received Status:	Good

1.2 Accessory Information

Accessory Description	Manufacturer	Model	Parameters
Adapter	TECNO MOBILE LIMITED	U180TSA	Input: 100-240Vac 50/60Hz 0.6A Output: 5.0Vdc 2.4A 12W or 7.5Vdc 2.4A 18W MAX

1.3 Operation Voltage(VDC)▲

Lowest:	3.45	Normal:	3.85	Highest:	4.4
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1.4 Transmission Antenna Information ▲

Antenna Type	Operation Bands	Antenna Frequency Range (MHz)	Antenna Gain(G _T) (dBi)	L _c (dB)
FPC	GSM850	824-849	-6.83	0
	PCS1900	1850-1910	-7.17	0
	WCDMA B2	1850-1910	-7.17	0
	WCDMA B4	1710-1755	-7.93	0
	WCDMA B5	824-849	-6.83	0
	LTE B2	1850-1910	-7.17	0
	LTE B4	1710-1755	-7.93	0
	LTE B5	824-849	-6.83	0
	LTE B7	2500-2570	-7.1	0
	LTE B12	699-716	-8.13	0
	LTE B13	777-787	-8.13	0
	LTE B17	704-716	-8.13	0
	LTE B26	814-849	-6.83	0
	LTE B38	2570-2620	-7.1	0
	LTE B41	2496-2690	-7.1	0
	LTE B66	1710-1780	-7.93	0
Note: 1. Lc= Signal Attenuation in the connecting cable between the transmitter and antenna, in dB.				

1.5 Equipment Modifications

No modifications are made to the EUT during all test items.

2. SUMMARY OF TEST RESULTS

Rules	Description of Test	Result
FCC§2.1046; § 22.913;§ 24.232; §27.50; §90.635	RF Output Power	Compliant
FCC§ 2.1047	Modulation Characteristics	Not Applicable
FCC§ 2.1049; § 22.905, §22.917; § 24.238; §27.53;§90.209	Occupied Bandwidth	Compliant
FCC§ 2.1051;§ 22.917; § 24.238; §27.53;§90.691	Spurious Emissions at Antenna Terminal	Compliant
FCC§ 22.917; § 24.238; §27.53;§90.691	Out of band emission, Band Edge	Compliant
FCC§ 2.1055;§ 22.355; § 24.235; §27.54; §90.213	Frequency stability vs. temperature Frequency stability vs. voltage	Compliant
FCC§ 2.1053§ 22.917; § 24.238; §27.53;§90.691	Radiated Spurious Emission	Compliant

3. DESCRIPTION OF TEST CONFIGURATION

3.1 EUT Operation Condition:

The EUT was configured for testing according to ANSI C63.26-2015.

The test items were performed with the EUT operating at testing mode. The device operates on GSM 850/PCS 1900, WCDMA Band 2/4/5, LTE Band 2/4/5/7/12/13/17/26/38/41/66, test was performed with channels as below table:

Frequency Bands	Bandwidth (MHz)	Test Frequency(MHz)		
		Low	Middle	High
GSM 850	0.25	824.2	836.6	848.8
PCS 1900	0.25	1850.2	1880	1909.8
WCDMA Band 2	4.2	1852.4	1880	1907.6
WCDMA Band 4	4.2	1712.4	1732.6	1752.6
WCDMA Band 5	4.2	826.4	836.6	846.6
LTE Band 2	1.4	1850.7	1880	1909.3
	3	1851.5	1880	1908.5
	5	1852.5	1880	1907.5
	10	1855	1880	1905
	15	1857.5	1880	1902.5
	20	1860	1880	1900
LTE Band 4	1.4	1710.7	1732.5	1754.3
	3	1711.5	1732.5	1753.5
	5	1712.5	1732.5	1752.5
	10	1715	1732.5	1750
	15	1717.5	1732.5	1747.5
	20	1720	1732.5	1745
LTE Band 5	1.4	824.7	836.5	848.3
	3	825.5	836.5	847.5
	5	826.5	836.5	846.5
	10	829	836.5	844
LTE Band 7	5	2502.5	2535	2567.5
	10	2505	2535	2565
	15	2507.5	2535	2562.5
	20	2510	2535	2560
LTE Band 12	1.4	699.7	707.5	715.3
	3	700.5	707.5	714.5
	5	701.5	707.5	713.5
	10	704	707.5	711
LTE Band 13	5	779.5	/	784.5
	10	/	782	/
LTE Band 17	5	706.5	710	713.5
	10	709	710	711
LTE Band 26 (Part 22H) (B26_2)	1.4	824.7	831.5	848.3
	3	825.5	831.5	847.5
	5	826.5	831.5	846.5
	10	829	831.5	844
	15	831.5	836.5	841.5
LTE Band 38	5	2572.5	2595	2617.5
	10	2575	2595	2615
	15	2577.5	2595	2612.5

	20	2580	2595	2610
LTE Band 41	5	2498.5	2593	2687.5
	10	2501	2593	2685
	15	2503.5	2593	2682.5
	20	2506	2593	2680
LTE Band 66	1.4	1710.7	1745	1779.3
	3	1711.5	1745	1778.5
	5	1712.5	1745	1777.5
	10	1715	1745	1775
	15	1717.5	1745	1772.5
	20	1720	1745	1770

Frequency Bands	Bandwidth (MHz)	Test Frequency(MHz)		
		Low	Middle	High
LTE Band 26 (Part 90) (B26_1)	1.4	814.7	/	823.3
	3	815.5	/	822.5
	5	816.5	/	821.5
	10	819	/	/
	15	821.5	/	/
LTE Band 26 (Part 90 and Cross 22H) (B26_3)	1.4	/	824	/
	3	/	824	/
	5	/	824	/
	10	/	824	/
	15	/	824	/

The maximum power was configured per 3GPP Standard for each operation modes as below setting:

GSM/GPRS/EGPRS

Function: Menu select > GSM Mobile Station > GSM 850/1900

Press Connection control to choose the different menus

Press RESET > choose all the reset all settings

Connection Press Signal Off to turn off the signal and change settings

Network Support > GSM + GPRS or GSM + EGSM

Main Service > Packet Data

Service selection > Test Mode A – Auto Slot Config. off

MS Signal Press Slot Config Bottom on the right twice to select and change the number of time slots and power setting

> Slot configuration > Uplink/Gamma

> 33 dBm for GPRS 850

> 30 dBm for GPRS 1900

> 27 dBm for EGPRS 850

> 26 dBm for EGPRS 1900

BS Signal Enter the same channel number for TCH channel (test channel) and BCCH channel

Frequency Offset > + 0 Hz

Mode > BCCH and TCH

BCCH Level > -85 dBm (May need to adjust if link is not stable)

BCCH Channel > choose desire test channel [Enter the same channel number for TCH channel (test channel) and BCCH channel]

Channel Type > Off

P0 > 4 dB

Slot Config > Unchanged (if already set under MS signal)

TCH > choose desired test channel

Hopping > Off

Main Timeslot > 3

Network Coding Scheme > CS4 (GPRS) and MCS5 (EGPRS)

Bit Stream > 2E9-1 PSR Bit Stream

AF/RF Enter appropriate offsets for Ext. Att. Output and Ext. Att. Input

Connection Press Signal on to turn on the signal and change settings

WCDMA

The following tests were conducted according to the test requirements outlines in section 5.2 of the 3GPP TS34.121-1 specification.

	Mode Subset	HSUPA 1	HSUPA 2	HSUPA 3	HSUPA 4	HSUPA 5
WCDMA General Settings	Loopback Mode	Test Mode 1				
	Rel99 RMC	12.2kbps RMC				
	HSDPA FRC	H-Set1				
	HSUPA Test	HSUPA Loopback				
	Power Control Algorithm	Algorithm2				
	β_c	11/15	6/15	15/15	2/15	15/15
	β_d	15/15	15/15	9/15	1 / 5	0
	β_{ec}	20 /225	12/15	30 15	2/15	5/15
	β_c / β_d	11/15	6/15	15/9	2/15	-
	β_{hs}	22/15	12/15	30 15	4/15	5/15
HSDPA Specific Settings	CM(dB)	1.0	3.0	2.0	3.0	1.0
	PR(dB)	0	2	1	2	0
	DACK	8				
	DNAK	8				
	DCQI	8				
	Ack-Nack repetition factor	3				
	CQI Feedback	4ms				
	CQI Repetition Factor	2				
HSUPA Specific Settings	$A_{hs} = \beta_{hs} / \beta_c$	30/15				
	DE-DPCCH	6		8	5	7
	DHARQ	0	0	0	0	0
	AG Index	20	12	15	17	21
	ETFCI	5	67	92	71	81
	Associated Max UL Data Rate k ps	242.1	174.9	482.8	205.8	308.9
	Reference E_F 1	E-TFCI 11 E E-TFCI PO 4 E-TFCI 67 E-TFCI PO 18 E-TFCI 71 E-TFCI PO23 E-TFCI 75 E-TFCI PO26 E-TFCI 81 E-TFCI PO 27		E-TFCI 11 E-TFCI PO4 E-TFCI 92 E-TFCI PO 18		E-TFCI 11 E E-TFCI PO 4 E-TFCI 67 E-TFCI PO 18 E-TFCI 71 E-TFCI PO23 E-TFCI 75 E-TFCI PO26 E-TFCI 81 E-TFCI PO 27

HSPA+

Sub-test	β_c (Note3)	β_d	β_{HS} (Note1)	β_{ec}	β_{ed} (2xSF2) (Note 4)	β_{ed} (2xSF4) (Note 4)	CM (dB) (Note 2)	MPR (dB) (Note 2)	AG Index (Note 4)	E-TFCI (Note 5)	E-TFCI (boost)
1	1	0	30/15	30/15	β_{ed1} : 30/15 β_{ed2} : 30/15	β_{ed3} : 24/15 β_{ed4} : 24/15	3.5	2.5	14	105	105

Note 1: Δ_{ACK} , Δ_{NACK} and Δ_{CQI} = 30/15 with $\beta_{hs} = 30/15 * \beta_c$.

Note 2: CM = 3.5 and the MPR is based on the relative CM difference, MPR = MAX(CM-1,0).

Note 3: DPDCH is not configured, therefore the β_c is set to 1 and β_d = 0 by default.

Note 4: β_{ed} can not be set directly; it is set by Absolute Grant Value.

Note 5: All the sub-tests require the UE to transmit 2SF2+2SF4 16QAM EDCH and they apply for UE using E-DPDCH category 7. E-DCH TTI is set to 2ms TTI and E-DCH table index = 2. To support these E-DCH configurations DPDCH is not allocated. The UE is signalled to use the extrapolation algorithm.

LTE (FDD):

The following tests were conducted according to the test requirements in 3GPP TS36.101

The following tests were conducted according to the test requirements outlined in section 6.2 of the 3GPP TS36.101 specification.

UE Power Class: 3 (23 +/- 2dBm). The allowed Maximum Power Reduction (MPR) for the maximum output power due to higher order modulation and transmit bandwidth configuration (resource blocks) is specified in Table 6.2.3-1 of the 3GPP TS36.101.

Table 6.2.3-1: Maximum Power Reduction (MPR) for Power Class 3

Modulation	Channel bandwidth / Transmission bandwidth (RB)						MPR (dB)
	1.4 MHz	3.0 MHz	5 MHz	10 MHz	15 MHz	20 MHz	
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	≤ 1
16 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 1
64 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 2

The allowed A-MPR values specified below in Table 6.2.4.-1 of 3GPP TS36.101 are in addition to the allowed MPR requirements. All the measurements below were performed with A-MPR disabled, by using Network Signaling Value of "NS_01".

Table 6.2.4-1: Additional Maximum Power Reduction (A-MPR)

Network Signalling value	Requirements (sub-clause)	E-UTRA Band	Channel bandwidth (MHz)	Resources Blocks (N_{RB})	A-MPR (dB)
NS_01	6.6.2.1.1	Table 5.5-1	1.4, 3, 5, 10, 15, 20	Table 5.6-1	NA
NS_03	6.6.2.2.1	2, 4, 10, 23, 25, 35, 36	3	>5	≤ 1
			5	>6	≤ 1
			10	>6	≤ 1
			15	>8	≤ 1
			20	>10	≤ 1
NS_04	6.6.2.2.2	41	5	>6	≤ 1
			10, 15, 20	See Table 6.2.4-4	
NS_05	6.6.3.3.1	1	10, 15, 20	≥ 50	≤ 1
NS_06	6.6.2.2.3	12, 13, 14, 17	1.4, 3, 5, 10	Table 5.6-1	n/a
NS_07	6.6.2.2.3	13	10	Table 6.2.4-2	Table 6.2.4-2
	6.6.3.3.2				
NS_08	6.6.3.3.3	19	10, 15	> 44	≤ 3
NS_09	6.6.3.3.4	21	10, 15	> 40	≤ 1
				> 55	≤ 2
NS_10		20	15, 20	Table 6.2.4-3	Table 6.2.4-3
NS_11	6.6.2.2.1	23 ¹	1.4, 3, 5, 10	Table 6.2.4-5	Table 6.2.4-5
..					
NS_32	-	-	-	-	-

Note 1: Applies to the lower block of Band 23, i.e. a carrier placed in the 2000-2010 MHz region.

LTE(TDD):

Table 4.2-1: Configuration of special subframe (lengths of DwPTS/GP/UpPTS).

Special subframe configuration	Normal cyclic prefix in downlink			Extended cyclic prefix in downlink		
	DwPTS	UpPTS		DwPTS	UpPTS	
		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink
0	$6592 \cdot T_s$	$2192 \cdot T_s$	$2560 \cdot T_s$	$7680 \cdot T_s$	$2192 \cdot T_s$	$2560 \cdot T_s$
1	$19760 \cdot T_s$			$20480 \cdot T_s$		
2	$21952 \cdot T_s$			$23040 \cdot T_s$		
3	$24144 \cdot T_s$			$25600 \cdot T_s$		
4	$26336 \cdot T_s$			$7680 \cdot T_s$		
5	$6592 \cdot T_s$	$4384 \cdot T_s$	$5120 \cdot T_s$	$20480 \cdot T_s$	$4384 \cdot T_s$	$5120 \cdot T_s$
6	$19760 \cdot T_s$			$23040 \cdot T_s$		
7	$21952 \cdot T_s$			$12800 \cdot T_s$		
8	$24144 \cdot T_s$			-	-	-
9	$13168 \cdot T_s$			-	-	-

Table 4.2-2: Uplink-downlink configurations.

Uplink-downlink configuration	Downlink-to-Uplink Switch-point periodicity	Subframe number									
		0	1	2	3	4	5	6	7	8	9
0	5 ms	D	S	U	U	U	D	S	U	U	U
1	5 ms	D	S	U	U	D	D	S	U	U	D
2	5 ms	D	S	U	D	D	D	S	U	D	D
3	10 ms	D	S	U	U	U	D	D	D	D	D
4	10 ms	D	S	U	U	D	D	D	D	D	D
5	10 ms	D	S	U	D	D	D	D	D	D	D
6	5 ms	D	S	U	U	U	D	S	U	U	D

Calculated Duty Cycle

Uplink-Downlink Configuration	Downlink-to-Uplink Switch-point Periodicity	Subframe Number										Calculated Duty Cycle (%)
		0	1	2	3	4	5	6	7	8	9	
0	5 ms	D	S	U	U	U	D	S	U	U	U	63.33
1	5 ms	D	S	U	U	D	D	S	U	U	D	43.33
2	5 ms	D	S	U	D	D	D	S	U	D	D	23.33
3	10 ms	D	S	U	U	U	D	D	D	D	D	31.67
4	10 ms	D	S	U	U	D	D	D	D	D	D	21.67
5	10 ms	D	S	U	D	D	D	D	D	D	D	11.67
6	5 ms	D	S	U	U	U	D	S	U	U	D	53.33

Calculated Duty Cycle = Extended cyclic prefix in uplink x (T_s) x # of S + # of U

Example for Calculated Duty Cycle for Uplink-Downlink Configuration 0:

Calculated Duty Cycle = $5120 \times [1/(15000 \times 2048)] \times 2 + 6 \text{ ms} = 63.33\%$

where

$T_s = 1/(15000 \times 2048)$ seconds

3.2 Support Equipment List and Details

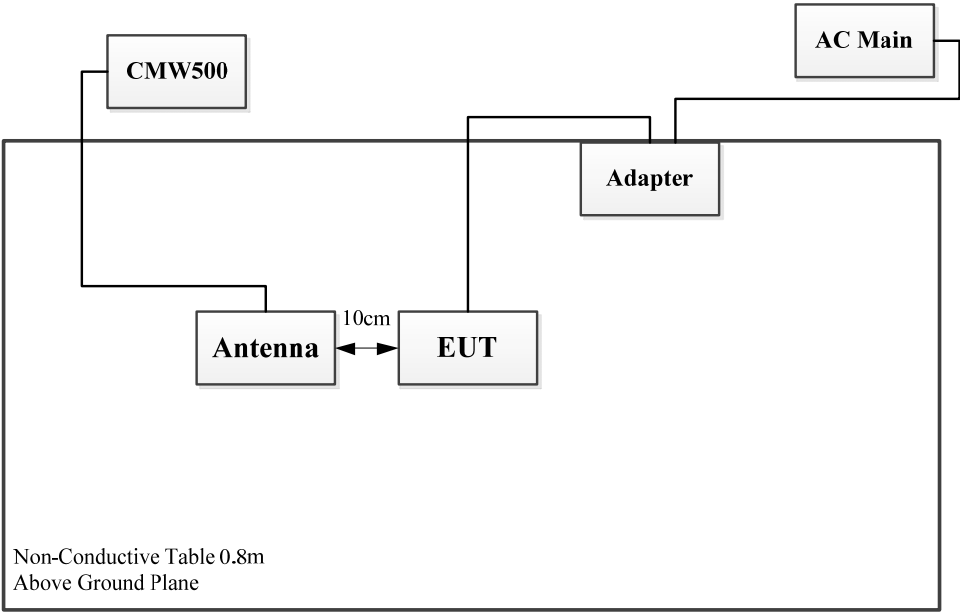
Manufacturer	Description	Model	Serial Number
R&S	Wideband Radio Communication Tester	CMW500	149216
Unknown	Antenna	Unknown	Unknown

3.3 Support Cable List and Details

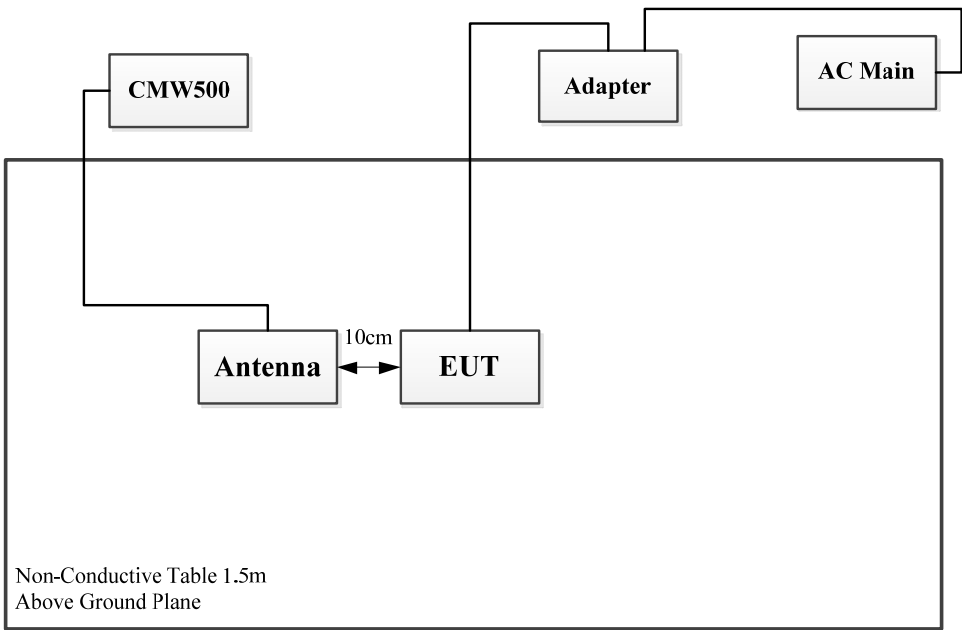
Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
USB Cable	no	no	1	Adapter	EUT
Signal Cable	no	no	3.0	Antenna	Wideband Radio Communication Tester

3.4 Block Diagram of Test Setup

Radiated Spurious Emission:
Below 1G:



Above 1G:



3.5 Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Dongguan) to collect test data is located on the No.12, Pulong East 1st Road, Tangxia Town, Dongguan, Guangdong, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 829273, the FCC Designation No. : CN5044.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: CN0022.

3.6 Measurement Uncertainty

Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

Parameter	Measurement Uncertainty
Occupied Channel Bandwidth	$\pm 5\%$
RF output power, conducted	$\pm 0.61\text{ dB}$
Power Spectral Density, conducted	$\pm 0.61\text{ dB}$
Unwanted Emissions, radiated	30MHz~200MHz: 4.55 dB, 200MHz~1GHz: 5.92 dB, 1GHz~6GHz: 4.98 dB, 6GHz~18GHz: 5.89 dB, 18GHz~26.5GHz: 5.47 dB, 26.5GHz~40GHz: 5.63 dB
Unwanted Emissions, conducted	$\pm 2.47\text{ dB}$
Temperature	$\pm 1^\circ\text{C}$
Humidity	$\pm 5\%$
DC and low frequency voltages	$\pm 0.4\%$
Duty Cycle	1%
RF Frequency	$\pm 0.082 \times 10^{-6}$

4. TEST RESULTS

4.1 Transmitter output power and equivalent radiated power:

4.1.1 Applicable Standard

FCC §22.913

(a)(5) The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7watts.

(d) *Power measurement.* Measurement of the ERP of Cellular base transmitters and repeaters must be made using an average power measurement technique. The peak-toaverage ratio (PAR) of the transmission must not exceed 13 dB. Power measurements for base transmitters and repeaters must be made in accordance with either of the following:

- (1) A Commission-approved average power technique (*see* FCC Laboratory's Knowledge Database); or
- (2) For purposes of this section, peak transmit power must be measured over an interval of continuous transmission using instrumentation calibrated in terms of an rmseivalent voltage. The measurement results shall be properly adjusted for any instrument limitations, such as detector response times, limited resolution bandwidth capability when compared to the emission bandwidth, sensitivity, *etc.*, so as to obtain a true peak measurement for the emission in question over the full bandwidth of the channel.

FCC §24.232

(c) Mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

(d) Power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with paragraph (e) of this section. In both instances, equipment employed must be authorized in accordance with the provisions of § 24.51. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

FCC §27.50

(a)(3) *Mobile and portable stations.*

(i) 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. For mobile and portable stations using time division duplexing (TDD) technology, the duty cycle must not exceed 38 percent in the 2305-2315 MHz and 2350-2360 MHz bands. Mobile and portable stations using FDD technology are restricted to transmitting in the 2305-2315 MHz band. Power averaging shall not include intervals in which the transmitter is off.

(ii) Mobile and portable stations are not permitted to transmit in the 2315-2320 MHz and 2345-2350 MHz bands.

(iii) *Automatic transmit power control.* Mobile and portable stations transmitting in the 2305-2315 MHz band or in the 2350-2360 MHz band must employ automatic transmit power control when operating so the stations operate with the minimum power necessary for successful communications.

(iv) *Prohibition on external vehicle-mounted antennas.* The use of external vehicle-mounted antennas for mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band is prohibited.

(b)(10) Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts ERP.

(c)(10) Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.

(d)(4) Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP. Fixed stations operating in the 1710-1755 MHz band are limited to a maximum antenna height of 10 meters above ground. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

(h) The following power limits shall apply in the BRS and EBS:

(2) Mobile and other user stations. Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

FCC §90.635

(b) The maximum output power of the transmitter for mobile stations is 100 watts (20 dBw).

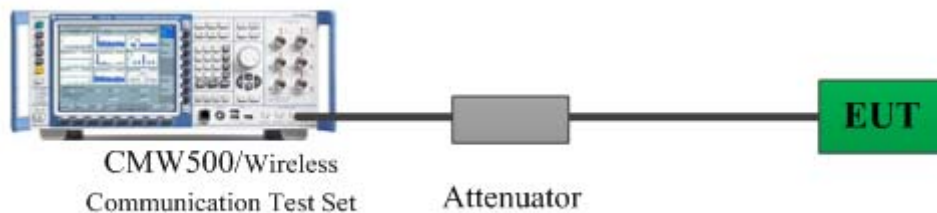
FCC §90.542

(a) (5) Licensees of fixed or base stations transmitting a signal in the 758-768 MHz band at an ERP greater than 1000 watts must comply with the provisions set forth in paragraph (b) of this section.

(6) Control stations and mobile stations transmitting in the 758-768 MHz band and the 788-798 MHz band are limited to 30 watts ERP.

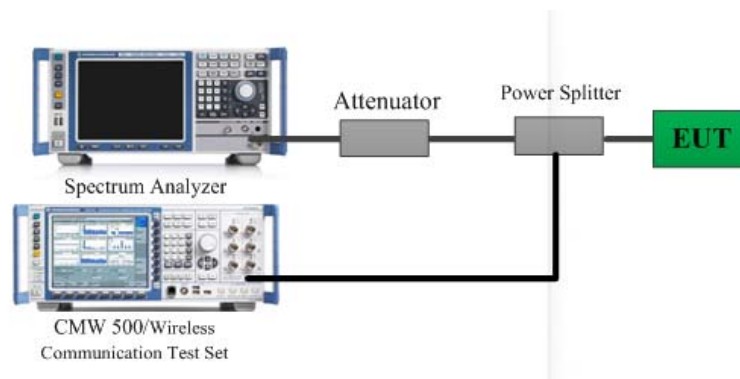
4.1.2 Test Setup Block

For RF Output Power:



Note: The Insertion loss of the RF cable and coaxial Attenuator was offset into the Reading of CMW500.

For PAR:



Note: The Insertion loss of the RF cable and Power Splitter was offset into the Reading of Spectrum Analyzer.

For EIRP/ERP:

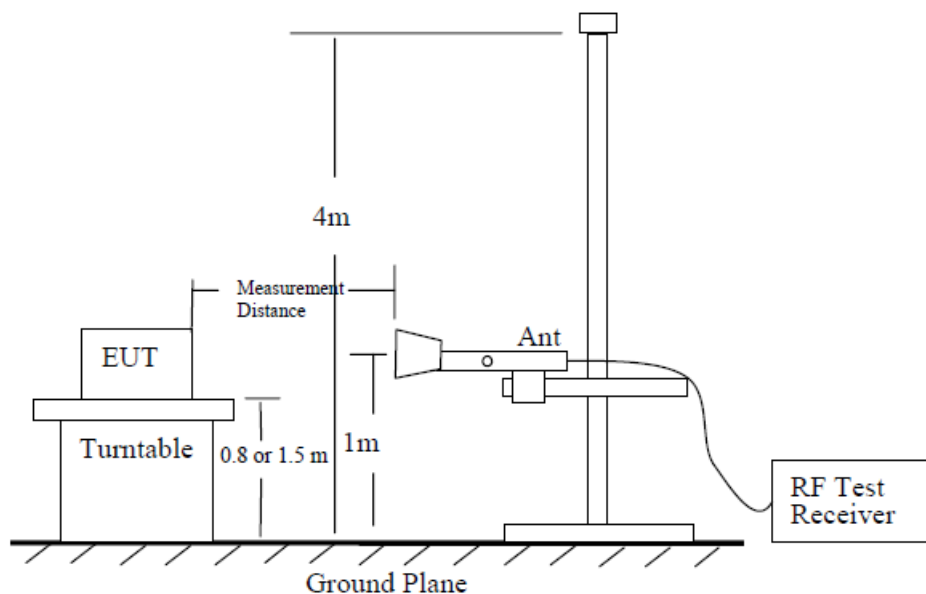


Figure 6 —Test site-up for radiated ERP and/or EIRP measurements

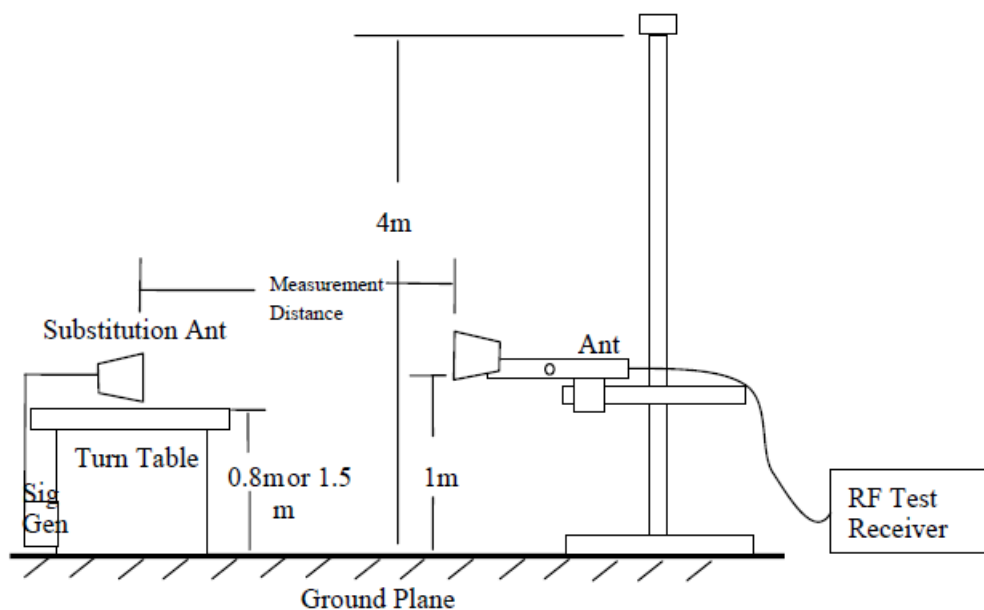


Figure 7 —Substitution method set-up for radiated emission

4.1.3 Test Procedure

For RF Output Power:

According to CFR Part 2.1046, ANSI C63.26-2015 Section 5.2.5.5:

Connect the instrument and the EUT according to the Test Setup Block, and then read the Test results on the CMW500/Wireless Communication Test Set.

For PAR:

- a) Set resolution/measurement bandwidth $\geq$ OBW or specified reference bandwidth.
- b) Set the number of counts to a value that stabilizes the measured CCDF curve.
- c) Set the measurement interval as follows:
 - 1) For continuous transmissions, set to the greater of $[10 \times (\text{number of points in sweep}) \times (\text{transmission symbol period})]$ or 1 ms.
 - 2) For burst transmissions, employ an external trigger that is synchronized with the EUT burst timing sequence, or use the internal burst trigger with a trigger level that allows the burst to stabilize. Set the measurement interval to a time that is less than or equal to the burst duration.
 - 3) If there are several carriers in a single antenna port, the peak power shall be determined for each individual carrier (by disabling the other carriers while measuring the required carrier) and the total peak power calculated from the sum of the individual carrier peak powers.
- d) Record the maximum PAPR level associated with a probability of 0.1%.
- e) The peak power level is calculated from the sum of the PAPR value from step d) to the measured average power.

For EIRP/ERP:

According to ANSI C63.26-2015 Section 5.5.3:

- a) Place the EUT in the center of the turntable. The EUT shall be configured to transmit into the standard non-radiating load (for measuring radiated spurious emissions), connected with cables of minimal length unless specified otherwise. If the EUT uses an adjustable antenna, the antenna shall be positioned to the length that produces the worst case emission at the fundamental operating frequency.
- b) Each emission under consideration shall be evaluated:
 - 1) Raise and lower the measurement antenna in accordance 5.5.2, as necessary to enable detection of the maximum emission amplitude relative to measurement antenna height.
 - 2) Rotate the EUT through 360° to determine the maximum emission level relative to the axial position.
 - 3) Return the turntable to the azimuth where the highest emission amplitude level was observed.
 - 4) Vary the measurement antenna height again through 1 m to 4 m again to find the height associated with the maximum emission amplitude.
 - 5) Record the measured emission amplitude level and frequency using the appropriate RBW.
- c) Repeat step b) for each emission frequency with the measurement antenna oriented in both the horizontal and vertical polarizations to determine the orientation that gives the maximum emissions amplitude.
- d) Set-up the substitution measurement with the reference point of the substitution antenna located as near as possible to where the center of the EUT radiating element was located during the initial EUT measurement.
- e) Maintain the previous measurement instrument settings and test set-up, with the exception that the EUT is removed and replaced by the substitution antenna.
- f) Connect a signal generator to the substitution antenna; locate the signal generator so as to minimize any potential influences on the measurement results. Set the signal generator to the frequency where emissions are detected, and set an output power level such that the radiated signal can be detected by the measurement instrument, with sufficient dynamic range relative to the noise floor.
- g) For each emission that was detected and measured in the initial test [i.e., in step b) and step c)]:
 - 1) Vary the measurement antenna height between 1 m to 4 m to maximize the received (measured) signal amplitude.
 - 2) Adjust the signal generator output power level until the amplitude detected by the measurement instrument equals the amplitude level of the emission previously measured directly in step b) and step c).
 - 3) Record the output power level of the signal generator when equivalence is achieved in step 2).
- h) Repeat step e) through step g) with the measurement antenna oriented in the opposite polarization.
- i) Calculate the emission power in dBm referenced to a half-wave dipole using the following equation:

$$P_e = P_s(\text{dBm}) - \text{cable loss (dB)} + \text{antenna gain (dBd)}$$
 where

P_e = equivalent emission power in dBm
 P_s = source (signal generator) power in dBm

NOTE—dBd refers to the measured antenna gain in decibels relative to a half-wave dipole.
- j) Correct the antenna gain of the substitution antenna if necessary to reference the emission power to a half-wave dipole. When using measurement antennas with the gain specified in dBi, the equivalent dipole-referenced gain can be determined from: $\text{gain (dBd)} = \text{gain (dBi)} - 2.15 \text{ dB}$. If necessary, the antenna gain can be calculated from calibrated antenna factor information
- k) Provide the complete measurement results as a part of the test report.

4.1.4 Test Results

For RF Output Power and PAR:

Serial Number:	38S5-2	Test Date:	2025/9/18
Test Site:	RF	Test Mode:	Transmitting
Tester:	Loge Long	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	26.8	Relative Humidity: (%)	68	ATM Pressure: (kPa)	100.5
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101947	2025/7/28	2026/7/27
Micro-Coax	Coaxial Cable	UFB205A	323308-024	2025/6/1	2026/5/31
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM502	2025/6/6	2026/6/5
HUBER+SUHNER	Coaxial Attenuator	6610_SMA-50-1	0064	2025/6/6	2026/6/5
Mini-Circuits	Coaxial Power Splitters & Combiner	ZFRSC-183-S+	SF448201614	2025/2/25	2026/2/24
Agilent	Wireless Communication Test Set	E5515C	MY50266471	2025/7/28	2026/7/27

** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

For EIRP/ERP:

Serial Number:	38S5-1	Test Date:	ERP: 2025/8/29 EIRP: 2025/9/4
Test Site:	Chamber 10m, Chamber B	Test Mode:	Transmitting
Tester:	Zoo Zou, Alan Xie	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.6~26.9	Relative Humidity: (%)	43~45	ATM Pressure: (kPa)	100.1~100.4
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
ERP					
Sunol Sciences	Hybrid Antenna	JB3	A060611-1	2025/6/23	2028/6/22
Narda	Coaxial Attenuator	779-6dB	04269	2025/6/23	2028/6/22
Unknown	Coaxial Cable	C-NJNJ-50	C-1000-01	2025/7/1	2026/6/30
Unknown	Coaxial Cable	C-NJNJ-50	C-0400-04	2025/7/1	2026/6/30
Unknown	Coaxial Cable	C-NJNJ-50	C-0530-01	2025/7/1	2026/6/30
R&S	EMI Test Receiver	ESR3	102453	2025/6/25	2026/6/24
EMCO	Adjustable Dipole Antenna	3121C	9109-753	N/A	N/A
Micro-Coax	Coaxial Cable	UFA210B	99G1448	2024/9/5	2025/9/4
Agilent	Signal Generator	E8247C	MY43321350	2025/7/28	2026/7/27
R&S	Wideband Radio Communication Tester	CMW500	149216	2025/7/28	2026/7/27

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
EIRP					
ETS-Lindgren	Horn Antenna	3115	000 527 35	2023/9/7	2026/9/6
AH	Horn Antenna	SAS-571	1177	2023/2/22	2026/2/21
Xinhang Macrowave	Coaxial Cable	XH750A-N/J-SMA/J-10M	20231117004 #0001	2024/11/17	2025/11/16
Micro-Coax	Coaxial Cable	UFA210B	99G1448	2024/9/5	2025/9/4
Agilent	Signal Generator	E8247C	MY43321350	2025/7/28	2026/7/27
R&S	Spectrum Analyzer	FSV40	101944	2025/8/8	2026/8/7
Decentest	Multiplex Switch Test Control Set & Filter Switch Unit	DT7220SCU & DT7220FCU	DC79902 & DC79905	2025/8/25	2026/8/24

* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:**Conducted Output Power****GSM850:**

Test Mode	Conducted Average Output Power(dBm)		
	Lowest Channel	Middle Channel	Highest Channel
GSM	33.24	33.27	33.21
GPRS 1 Slot	33.21	33.23	33.22
GPRS 2 Slots	31.31	31.17	31.25
GPRS 3 Slots	29.34	29.15	29.3
GPRS 4 Slots	28.11	27.92	28.06
EDGE 1 Slot	26.92	26.89	26.91
EDGE 2 Slots	25.36	25.31	25.45
EDGE 3 Slots	23.97	23.85	23.92
EDGE 4 Slots	22.63	22.45	22.47

PCS1900:

Test Mode	Conducted Average Output Power(dBm)		
	Lowest Channel	Middle Channel	Highest Channel
GSM	29.21	29.31	29.34
GPRS 1 Slot	29.23	29.29	29.32
GPRS 2 Slots	27.65	27.67	27.81
GPRS 3 Slots	26.14	25.98	26.3
GPRS 4 Slots	24.53	24.38	24.79
EDGE 1 Slot	25.91	25.86	25.89
EDGE 2 Slots	24.64	24.72	24.67
EDGE 3 Slots	22.73	22.67	22.71
EDGE 4 Slots	21.63	21.65	21.43

WCDMA Band 2

Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
R99_Low	22.48	HSUPA_Middle_Subtest4	20.61
R99_Middle	22.55	HSUPA_Middle_Subtest5	20.59
R99_High	22.47	HSUPA_High_Subtest1	20.49
HSDPA_Low_Subtest1	20.94	HSUPA_High_Subtest2	20.50
HSDPA_Low_Subtest2	21.00	HSUPA_High_Subtest3	20.50
HSDPA_Low_Subtest3	20.91	HSUPA_High_Subtest4	20.46
HSDPA_Low_Subtest4	20.95	HSUPA_High_Subtest5	20.47
HSDPA_Middle_Subtest1	21.02	HSPA+_Low_Subtest1	20.89
HSDPA_Middle_Subtest2	21.12	HSPA+_Middle_Subtest1	20.91
HSDPA_Middle_Subtest3	21.03	HSPA+_High_Subtest1	20.88
HSDPA_Middle_Subtest4	21.02	DC-HSDPA_Low_Subtest1	20.86
HSDPA_High_Subtest1	20.89	DC-HSDPA_Low_Subtest2	20.90
HSDPA_High_Subtest2	20.97	DC-HSDPA_Low_Subtest3	20.92
HSDPA_High_Subtest3	20.94	DC-HSDPA_Low_Subtest4	20.88
HSDPA_High_Subtest4	20.91	DC-HSDPA_Middle_Subtest1	20.89
HSUPA_Low_Subtest1	20.51	DC-HSDPA_Middle_Subtest2	20.87
HSUPA_Low_Subtest2	20.52	DC-HSDPA_Middle_Subtest3	20.91
HSUPA_Low_Subtest3	20.50	DC-HSDPA_Middle_Subtest4	20.87
HSUPA_Low_Subtest4	20.47	DC-HSDPA_High_Subtest1	20.92
HSUPA_Low_Subtest5	20.51	DC-HSDPA_High_Subtest2	20.93
HSUPA_Middle_Subtest1	20.59	DC-HSDPA_High_Subtest3	20.90
HSUPA_Middle_Subtest2	20.59	DC-HSDPA_High_Subtest4	20.88
HSUPA_Middle_Subtest3	20.62	/	/

WCDMA Band 4

Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
R99_Low	22.66	HSUPA_Middle_Subtest4	20.77
R99_Middle	22.73	HSUPA_Middle_Subtest5	20.76
R99_High	22.57	HSUPA_High_Subtest1	20.62
HSDPA_Low_Subtest1	21.21	HSUPA_High_Subtest2	20.63
HSDPA_Low_Subtest2	21.21	HSUPA_High_Subtest3	20.70
HSDPA_Low_Subtest3	21.10	HSUPA_High_Subtest4	20.63
HSDPA_Low_Subtest4	21.05	HSUPA_High_Subtest5	20.63
HSDPA_Middle_Subtest1	20.92	HSPA+_Low_Subtest1	21.04
HSDPA_Middle_Subtest2	21.23	HSPA+_Middle_Subtest1	21.01
HSDPA_Middle_Subtest3	21.21	HSPA+_High_Subtest1	21.02
HSDPA_Middle_Subtest4	21.21	DC-HSDPA_Low_Subtest1	20.98
HSDPA_High_Subtest1	21.19	DC-HSDPA_Low_Subtest2	20.96
HSDPA_High_Subtest2	21.07	DC-HSDPA_Low_Subtest3	20.97
HSDPA_High_Subtest3	21.02	DC-HSDPA_Low_Subtest4	21.94
HSDPA_High_Subtest4	21.02	DC-HSDPA_Middle_Subtest1	20.96
HSUPA_Low_Subtest1	20.78	DC-HSDPA_Middle_Subtest2	20.97
HSUPA_Low_Subtest2	20.72	DC-HSDPA_Middle_Subtest3	20.94
HSUPA_Low_Subtest3	20.71	DC-HSDPA_Middle_Subtest4	20.99
HSUPA_Low_Subtest4	20.69	DC-HSDPA_High_Subtest1	20.93
HSUPA_Low_Subtest5	20.70	DC-HSDPA_High_Subtest2	20.96
HSUPA_Middle_Subtest1	20.77	DC-HSDPA_High_Subtest3	20.92
HSUPA_Middle_Subtest2	20.77	DC-HSDPA_High_Subtest4	20.94
HSUPA_Middle_Subtest3	20.74	/	/

WCDMA Band 5

Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
R99_Low	23.08	HSUPA_Middle_Subtest4	21.20
R99_Middle	23.09	HSUPA_Middle_Subtest5	21.24
R99_High	23.05	HSUPA_High_Subtest1	21.12
HSDPA_Low_Subtest1	21.29	HSUPA_High_Subtest2	21.13
HSDPA_Low_Subtest2	21.61	HSUPA_High_Subtest3	21.17
HSDPA_Low_Subtest3	21.56	HSUPA_High_Subtest4	21.13
HSDPA_Low_Subtest4	21.55	HSUPA_High_Subtest5	21.15
HSDPA_Middle_Subtest1	21.23	HSPA+_Low_Subtest1	21.19
HSDPA_Middle_Subtest2	21.75	HSPA+_Middle_Subtest1	21.21
HSDPA_Middle_Subtest3	21.67	HSPA+_High_Subtest1	21.06
HSDPA_Middle_Subtest4	21.67	DC-HSDPA_Low_Subtest1	21.22
HSDPA_High_Subtest1	21.53	DC-HSDPA_Low_Subtest2	21.20
HSDPA_High_Subtest2	21.59	DC-HSDPA_Low_Subtest3	21.23
HSDPA_High_Subtest3	21.51	DC-HSDPA_Low_Subtest4	21.18
HSDPA_High_Subtest4	21.52	DC-HSDPA_Middle_Subtest1	21.23
HSUPA_Low_Subtest1	21.17	DC-HSDPA_Middle_Subtest2	21.21
HSUPA_Low_Subtest2	21.18	DC-HSDPA_Middle_Subtest3	21.19
HSUPA_Low_Subtest3	21.17	DC-HSDPA_Middle_Subtest4	21.23
HSUPA_Low_Subtest4	21.18	DC-HSDPA_High_Subtest1	21.22
HSUPA_Low_Subtest5	21.19	DC-HSDPA_High_Subtest2	21.20
HSUPA_Middle_Subtest1	21.23	DC-HSDPA_High_Subtest3	21.24
HSUPA_Middle_Subtest2	21.23	DC-HSDPA_High_Subtest4	21.19
HSUPA_Middle_Subtest3	21.23	/	/

LTE Band 2

Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
1.4MHz_Low_QPSK_1@0	21.18	3MHz_Low_QPSK_1@0	21.36
1.4MHz_Low_QPSK_1@3	21.31	3MHz_Low_QPSK_1@8	21.61
1.4MHz_Low_QPSK_1@5	21.35	3MHz_Low_QPSK_1@14	21.37
1.4MHz_Low_QPSK_3@0	21.38	3MHz_Low_QPSK_8@0	20.47
1.4MHz_Low_QPSK_3@1	21.37	3MHz_Low_QPSK_8@4	20.53
1.4MHz_Low_QPSK_3@3	21.42	3MHz_Low_QPSK_8@7	20.44
1.4MHz_Low_QPSK_6@0	20.42	3MHz_Low_QPSK_15@0	20.53
1.4MHz_Low_16QAM_1@0	20.22	3MHz_Low_16QAM_1@0	20.42
1.4MHz_Low_16QAM_1@3	20.30	3MHz_Low_16QAM_1@8	20.30
1.4MHz_Low_16QAM_1@5	20.16	3MHz_Low_16QAM_1@14	20.41
1.4MHz_Low_16QAM_3@0	20.65	3MHz_Low_16QAM_8@0	19.48
1.4MHz_Low_16QAM_3@1	20.90	3MHz_Low_16QAM_8@4	19.40
1.4MHz_Low_16QAM_3@3	21.02	3MHz_Low_16QAM_8@7	19.12
1.4MHz_Low_16QAM_6@0	19.45	3MHz_Low_16QAM_15@0	19.53
1.4MHz_Middle_QPSK_1@0	20.54	3MHz_Middle_QPSK_1@0	21.62
1.4MHz_Middle_QPSK_1@3	21.61	3MHz_Middle_QPSK_1@8	21.97
1.4MHz_Middle_QPSK_1@5	21.57	3MHz_Middle_QPSK_1@14	21.91
1.4MHz_Middle_QPSK_3@0	21.59	3MHz_Middle_QPSK_8@0	20.77
1.4MHz_Middle_QPSK_3@1	21.65	3MHz_Middle_QPSK_8@4	20.71
1.4MHz_Middle_QPSK_3@3	21.61	3MHz_Middle_QPSK_8@7	20.69
1.4MHz_Middle_QPSK_6@0	20.61	3MHz_Middle_QPSK_15@0	20.69
1.4MHz_Middle_16QAM_1@0	20.38	3MHz_Middle_16QAM_1@0	20.64
1.4MHz_Middle_16QAM_1@3	20.43	3MHz_Middle_16QAM_1@8	20.79
1.4MHz_Middle_16QAM_1@5	20.55	3MHz_Middle_16QAM_1@14	20.73
1.4MHz_Middle_16QAM_3@0	20.77	3MHz_Middle_16QAM_8@0	19.71
1.4MHz_Middle_16QAM_3@1	20.94	3MHz_Middle_16QAM_8@4	19.41
1.4MHz_Middle_16QAM_3@3	20.94	3MHz_Middle_16QAM_8@7	19.40
1.4MHz_Middle_16QAM_6@0	20.04	3MHz_Middle_16QAM_15@0	19.80
1.4MHz_High_QPSK_1@0	21.05	3MHz_High_QPSK_1@0	21.50
1.4MHz_High_QPSK_1@3	21.63	3MHz_High_QPSK_1@8	21.39
1.4MHz_High_QPSK_1@5	21.42	3MHz_High_QPSK_1@14	21.57
1.4MHz_High_QPSK_3@0	21.33	3MHz_High_QPSK_8@0	20.51
1.4MHz_High_QPSK_3@1	21.40	3MHz_High_QPSK_8@4	20.49
1.4MHz_High_QPSK_3@3	21.30	3MHz_High_QPSK_8@7	20.48
1.4MHz_High_QPSK_6@0	20.45	3MHz_High_QPSK_15@0	20.45
1.4MHz_High_16QAM_1@0	20.59	3MHz_High_16QAM_1@0	20.49
1.4MHz_High_16QAM_1@3	20.78	3MHz_High_16QAM_1@8	20.20
1.4MHz_High_16QAM_1@5	20.68	3MHz_High_16QAM_1@14	19.87
1.4MHz_High_16QAM_3@0	20.71	3MHz_High_16QAM_8@0	19.50
1.4MHz_High_16QAM_3@1	20.75	3MHz_High_16QAM_8@4	19.52
1.4MHz_High_16QAM_3@3	20.76	3MHz_High_16QAM_8@7	19.47
1.4MHz_High_16QAM_6@0	19.43	3MHz_High_16QAM_15@0	19.47

LTE Band 2

Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
5MHz_Low_QPSK_1@0	21.41	10MHz_Low_QPSK_1@0	21.51
5MHz_Low_QPSK_1@12	21.58	10MHz_Low_QPSK_1@25	21.63
5MHz_Low_QPSK_1@24	21.15	10MHz_Low_QPSK_1@49	21.41
5MHz_Low_QPSK_12@0	20.61	10MHz_Low_QPSK_25@0	20.65
5MHz_Low_QPSK_12@7	20.58	10MHz_Low_QPSK_25@12	20.60
5MHz_Low_QPSK_12@13	20.57	10MHz_Low_QPSK_25@25	20.59
5MHz_Low_QPSK_25@0	20.59	10MHz_Low_QPSK_50@0	20.60
5MHz_Low_16QAM_1@0	20.54	10MHz_Low_16QAM_1@0	20.43
5MHz_Low_16QAM_1@12	20.53	10MHz_Low_16QAM_1@25	20.35
5MHz_Low_16QAM_1@24	19.86	10MHz_Low_16QAM_1@49	20.26
5MHz_Low_16QAM_12@0	19.43	10MHz_Low_16QAM_25@0	19.79
5MHz_Low_16QAM_12@7	19.33	10MHz_Low_16QAM_25@12	19.65
5MHz_Low_16QAM_12@13	19.40	10MHz_Low_16QAM_25@25	19.74
5MHz_Low_16QAM_25@0	19.55	10MHz_Low_16QAM_50@0	19.72
5MHz_Middle_QPSK_1@0	21.44	10MHz_Middle_QPSK_1@0	21.69
5MHz_Middle_QPSK_1@12	21.87	10MHz_Middle_QPSK_1@25	22.07
5MHz_Middle_QPSK_1@24	21.58	10MHz_Middle_QPSK_1@49	21.73
5MHz_Middle_QPSK_12@0	20.67	10MHz_Middle_QPSK_25@0	20.60
5MHz_Middle_QPSK_12@7	20.80	10MHz_Middle_QPSK_25@12	20.77
5MHz_Middle_QPSK_12@13	20.66	10MHz_Middle_QPSK_25@25	20.75
5MHz_Middle_QPSK_25@0	20.75	10MHz_Middle_QPSK_50@0	20.72
5MHz_Middle_16QAM_1@0	20.12	10MHz_Middle_16QAM_1@0	20.69
5MHz_Middle_16QAM_1@12	20.56	10MHz_Middle_16QAM_1@25	21.58
5MHz_Middle_16QAM_1@24	19.89	10MHz_Middle_16QAM_1@49	20.94
5MHz_Middle_16QAM_12@0	19.48	10MHz_Middle_16QAM_25@0	19.69
5MHz_Middle_16QAM_12@7	19.48	10MHz_Middle_16QAM_25@12	20.01
5MHz_Middle_16QAM_12@13	19.67	10MHz_Middle_16QAM_25@25	19.69
5MHz_Middle_16QAM_25@0	19.71	10MHz_Middle_16QAM_50@0	19.63
5MHz_High_QPSK_1@0	21.24	10MHz_High_QPSK_1@0	21.72
5MHz_High_QPSK_1@12	21.67	10MHz_High_QPSK_1@25	21.97
5MHz_High_QPSK_1@24	20.91	10MHz_High_QPSK_1@49	21.44
5MHz_High_QPSK_12@0	20.48	10MHz_High_QPSK_25@0	20.64
5MHz_High_QPSK_12@7	20.47	10MHz_High_QPSK_25@12	20.74
5MHz_High_QPSK_12@13	20.41	10MHz_High_QPSK_25@25	20.55
5MHz_High_QPSK_25@0	20.42	10MHz_High_QPSK_50@0	20.47
5MHz_High_16QAM_1@0	20.58	10MHz_High_16QAM_1@0	20.80
5MHz_High_16QAM_1@12	20.83	10MHz_High_16QAM_1@25	20.67
5MHz_High_16QAM_1@24	19.96	10MHz_High_16QAM_1@49	20.43
5MHz_High_16QAM_12@0	19.24	10MHz_High_16QAM_25@0	19.84
5MHz_High_16QAM_12@7	19.32	10MHz_High_16QAM_25@12	19.73
5MHz_High_16QAM_12@13	19.31	10MHz_High_16QAM_25@25	19.56
5MHz_High_16QAM_25@0	19.59	10MHz_High_16QAM_50@0	19.49

LTE Band 2

Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
15MHz_Low_QPSK_1@0	21.63	20MHz_Low_QPSK_1@0	21.28
15MHz_Low_QPSK_1@37	22.37	20MHz_Low_QPSK_1@49	21.55
15MHz_Low_QPSK_1@74	21.76	20MHz_Low_QPSK_1@99	21.48
15MHz_Low_QPSK_36@0	20.61	20MHz_Low_QPSK_50@0	20.61
15MHz_Low_QPSK_36@20	20.69	20MHz_Low_QPSK_50@24	20.75
15MHz_Low_QPSK_36@39	20.72	20MHz_Low_QPSK_50@50	20.82
15MHz_Low_QPSK_75@0	20.67	20MHz_Low_QPSK_100@0	20.75
15MHz_Low_16QAM_1@0	20.84	20MHz_Low_16QAM_1@0	20.15
15MHz_Low_16QAM_1@37	20.84	20MHz_Low_16QAM_1@49	20.32
15MHz_Low_16QAM_1@74	21	20MHz_Low_16QAM_1@99	20.31
15MHz_Low_16QAM_36@0	19.66	20MHz_Low_16QAM_50@0	19.55
15MHz_Low_16QAM_36@20	19.79	20MHz_Low_16QAM_50@24	19.58
15MHz_Low_16QAM_36@39	19.65	20MHz_Low_16QAM_50@50	19.68
15MHz_Low_16QAM_75@0	19.70	20MHz_Low_16QAM_100@0	19.69
15MHz_Middle_QPSK_1@0	21.86	20MHz_Middle_QPSK_1@0	21.49
15MHz_Middle_QPSK_1@37	22.24	20MHz_Middle_QPSK_1@49	21.68
15MHz_Middle_QPSK_1@74	21.77	20MHz_Middle_QPSK_1@99	21.27
15MHz_Middle_QPSK_36@0	20.61	20MHz_Middle_QPSK_50@0	20.74
15MHz_Middle_QPSK_36@20	20.77	20MHz_Middle_QPSK_50@24	20.57
15MHz_Middle_QPSK_36@39	20.66	20MHz_Middle_QPSK_50@50	20.66
15MHz_Middle_QPSK_75@0	20.60	20MHz_Middle_QPSK_100@0	20.64
15MHz_Middle_16QAM_1@0	20.72	20MHz_Middle_16QAM_1@0	20.77
15MHz_Middle_16QAM_1@37	21.12	20MHz_Middle_16QAM_1@49	20.77
15MHz_Middle_16QAM_1@74	20.62	20MHz_Middle_16QAM_1@99	20.23
15MHz_Middle_16QAM_36@0	19.64	20MHz_Middle_16QAM_50@0	19.49
15MHz_Middle_16QAM_36@20	19.76	20MHz_Middle_16QAM_50@24	19.76
15MHz_Middle_16QAM_36@39	19.54	20MHz_Middle_16QAM_50@50	19.74
15MHz_Middle_16QAM_75@0	19.62	20MHz_Middle_16QAM_100@0	19.60
15MHz_High_QPSK_1@0	21.90	20MHz_High_QPSK_1@0	21.60
15MHz_High_QPSK_1@37	22.08	20MHz_High_QPSK_1@49	22.01
15MHz_High_QPSK_1@74	21.59	20MHz_High_QPSK_1@99	21.45
15MHz_High_QPSK_36@0	20.55	20MHz_High_QPSK_50@0	20.74
15MHz_High_QPSK_36@20	20.72	20MHz_High_QPSK_50@24	20.70
15MHz_High_QPSK_36@39	20.58	20MHz_High_QPSK_50@50	20.61
15MHz_High_QPSK_75@0	20.53	20MHz_High_QPSK_100@0	20.68
15MHz_High_16QAM_1@0	21.03	20MHz_High_16QAM_1@0	20.39
15MHz_High_16QAM_1@37	20.98	20MHz_High_16QAM_1@49	20.24
15MHz_High_16QAM_1@74	20.03	20MHz_High_16QAM_1@99	19.91
15MHz_High_16QAM_36@0	19.60	20MHz_High_16QAM_50@0	19.79
15MHz_High_16QAM_36@20	19.69	20MHz_High_16QAM_50@24	19.61
15MHz_High_16QAM_36@39	19.54	20MHz_High_16QAM_50@50	19.56
15MHz_High_16QAM_75@0	19.58	20MHz_High_16QAM_100@0	19.61

LTE Band 4

Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
1.4MHz_Low_QPSK_1@0	22.98	3MHz_Low_QPSK_1@0	21.59
1.4MHz_Low_QPSK_1@3	23.09	3MHz_Low_QPSK_1@8	21.53
1.4MHz_Low_QPSK_1@5	22.94	3MHz_Low_QPSK_1@14	21.49
1.4MHz_Low_QPSK_3@0	22.90	3MHz_Low_QPSK_8@0	20.67
1.4MHz_Low_QPSK_3@1	22.95	3MHz_Low_QPSK_8@4	20.68
1.4MHz_Low_QPSK_3@3	22.95	3MHz_Low_QPSK_8@7	20.63
1.4MHz_Low_QPSK_6@0	22	3MHz_Low_QPSK_15@0	20.71
1.4MHz_Low_16QAM_1@0	21.98	3MHz_Low_16QAM_1@0	20.54
1.4MHz_Low_16QAM_1@3	21.87	3MHz_Low_16QAM_1@8	20.52
1.4MHz_Low_16QAM_1@5	21.67	3MHz_Low_16QAM_1@14	20.53
1.4MHz_Low_16QAM_3@0	21.86	3MHz_Low_16QAM_8@0	19.75
1.4MHz_Low_16QAM_3@1	21.95	3MHz_Low_16QAM_8@4	19.79
1.4MHz_Low_16QAM_3@3	22.14	3MHz_Low_16QAM_8@7	19.83
1.4MHz_Low_16QAM_6@0	21	3MHz_Low_16QAM_15@0	19.76
1.4MHz_Middle_QPSK_1@0	22.97	3MHz_Middle_QPSK_1@0	21.65
1.4MHz_Middle_QPSK_1@3	23.08	3MHz_Middle_QPSK_1@8	22.13
1.4MHz_Middle_QPSK_1@5	22	3MHz_Middle_QPSK_1@14	21.72
1.4MHz_Middle_QPSK_3@0	21.77	3MHz_Middle_QPSK_8@0	20.75
1.4MHz_Middle_QPSK_3@1	22.01	3MHz_Middle_QPSK_8@4	20.85
1.4MHz_Middle_QPSK_3@3	21.73	3MHz_Middle_QPSK_8@7	20.79
1.4MHz_Middle_QPSK_6@0	20.61	3MHz_Middle_QPSK_15@0	20.83
1.4MHz_Middle_16QAM_1@0	20.59	3MHz_Middle_16QAM_1@0	20.87
1.4MHz_Middle_16QAM_1@3	20.61	3MHz_Middle_16QAM_1@8	20.91
1.4MHz_Middle_16QAM_1@5	20.54	3MHz_Middle_16QAM_1@14	20.85
1.4MHz_Middle_16QAM_3@0	20.66	3MHz_Middle_16QAM_8@0	19.40
1.4MHz_Middle_16QAM_3@1	20.72	3MHz_Middle_16QAM_8@4	19.41
1.4MHz_Middle_16QAM_3@3	20.66	3MHz_Middle_16QAM_8@7	19.44
1.4MHz_Middle_16QAM_6@0	19.48	3MHz_Middle_16QAM_15@0	19.84
1.4MHz_High_QPSK_1@0	23.01	3MHz_High_QPSK_1@0	21.40
1.4MHz_High_QPSK_1@3	21.59	3MHz_High_QPSK_1@8	21.66
1.4MHz_High_QPSK_1@5	21.59	3MHz_High_QPSK_1@14	21.77
1.4MHz_High_QPSK_3@0	21.66	3MHz_High_QPSK_8@0	20.58
1.4MHz_High_QPSK_3@1	21.71	3MHz_High_QPSK_8@4	20.62
1.4MHz_High_QPSK_3@3	21.76	3MHz_High_QPSK_8@7	20.76
1.4MHz_High_QPSK_6@0	20.62	3MHz_High_QPSK_15@0	20.69
1.4MHz_High_16QAM_1@0	20.55	3MHz_High_16QAM_1@0	20.47
1.4MHz_High_16QAM_1@3	20.60	3MHz_High_16QAM_1@8	20.38
1.4MHz_High_16QAM_1@5	20.48	3MHz_High_16QAM_1@14	20.58
1.4MHz_High_16QAM_3@0	20.59	3MHz_High_16QAM_8@0	19.57
1.4MHz_High_16QAM_3@1	20.80	3MHz_High_16QAM_8@4	19.66
1.4MHz_High_16QAM_3@3	20.78	3MHz_High_16QAM_8@7	19.67
1.4MHz_High_16QAM_6@0	19.61	3MHz_High_16QAM_15@0	19.62

LTE Band 4

Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
5MHz_Low_QPSK_1@0	21.64	10MHz_Low_QPSK_1@0	21.84
5MHz_Low_QPSK_1@12	21.82	10MHz_Low_QPSK_1@25	21.89
5MHz_Low_QPSK_1@24	21.66	10MHz_Low_QPSK_1@49	21.78
5MHz_Low_QPSK_12@0	20.77	10MHz_Low_QPSK_25@0	20.86
5MHz_Low_QPSK_12@7	20.78	10MHz_Low_QPSK_25@12	20.91
5MHz_Low_QPSK_12@13	20.81	10MHz_Low_QPSK_25@25	21.01
5MHz_Low_QPSK_25@0	20.79	10MHz_Low_QPSK_50@0	20.89
5MHz_Low_16QAM_1@0	20.26	10MHz_Low_16QAM_1@0	20.70
5MHz_Low_16QAM_1@12	19.86	10MHz_Low_16QAM_1@25	20.74
5MHz_Low_16QAM_1@24	20.25	10MHz_Low_16QAM_1@49	20.82
5MHz_Low_16QAM_12@0	19.90	10MHz_Low_16QAM_25@0	20
5MHz_Low_16QAM_12@7	19.86	10MHz_Low_16QAM_25@12	20.02
5MHz_Low_16QAM_12@13	19.81	10MHz_Low_16QAM_25@25	19.93
5MHz_Low_16QAM_25@0	19.59	10MHz_Low_16QAM_50@0	19.84
5MHz_Middle_QPSK_1@0	21.68	10MHz_Middle_QPSK_1@0	21.74
5MHz_Middle_QPSK_1@12	21.98	10MHz_Middle_QPSK_1@25	21.97
5MHz_Middle_QPSK_1@24	21.72	10MHz_Middle_QPSK_1@49	21.90
5MHz_Middle_QPSK_12@0	20.79	10MHz_Middle_QPSK_25@0	20.79
5MHz_Middle_QPSK_12@7	20.85	10MHz_Middle_QPSK_25@12	20.81
5MHz_Middle_QPSK_12@13	20.79	10MHz_Middle_QPSK_25@25	20.82
5MHz_Middle_QPSK_25@0	20.77	10MHz_Middle_QPSK_50@0	20.75
5MHz_Middle_16QAM_1@0	20.07	10MHz_Middle_16QAM_1@0	20.82
5MHz_Middle_16QAM_1@12	20.21	10MHz_Middle_16QAM_1@25	21.52
5MHz_Middle_16QAM_1@24	19.86	10MHz_Middle_16QAM_1@49	20.78
5MHz_Middle_16QAM_12@0	19.58	10MHz_Middle_16QAM_25@0	19.82
5MHz_Middle_16QAM_12@7	19.53	10MHz_Middle_16QAM_25@12	19.80
5MHz_Middle_16QAM_12@13	19.48	10MHz_Middle_16QAM_25@25	19.81
5MHz_Middle_16QAM_25@0	19.94	10MHz_Middle_16QAM_50@0	19.78
5MHz_High_QPSK_1@0	21.09	10MHz_High_QPSK_1@0	21.70
5MHz_High_QPSK_1@12	21.53	10MHz_High_QPSK_1@25	21.94
5MHz_High_QPSK_1@24	21.40	10MHz_High_QPSK_1@49	21.95
5MHz_High_QPSK_12@0	20.70	10MHz_High_QPSK_25@0	20.66
5MHz_High_QPSK_12@7	20.63	10MHz_High_QPSK_25@12	20.67
5MHz_High_QPSK_12@13	20.80	10MHz_High_QPSK_25@25	20.60
5MHz_High_QPSK_25@0	20.68	10MHz_High_QPSK_50@0	20.71
5MHz_High_16QAM_1@0	20.70	10MHz_High_16QAM_1@0	20.57
5MHz_High_16QAM_1@12	20.97	10MHz_High_16QAM_1@25	20.87
5MHz_High_16QAM_1@24	20.57	10MHz_High_16QAM_1@49	20.41
5MHz_High_16QAM_12@0	19.58	10MHz_High_16QAM_25@0	19.53
5MHz_High_16QAM_12@7	19.63	10MHz_High_16QAM_25@12	19.58
5MHz_High_16QAM_12@13	19.77	10MHz_High_16QAM_25@25	19.64
5MHz_High_16QAM_25@0	19.76	10MHz_High_16QAM_50@0	19.62

LTE Band 4

Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
15MHz_Low_QPSK_1@0	21.81	20MHz_Low_QPSK_1@0	21.53
15MHz_Low_QPSK_1@37	22.78	20MHz_Low_QPSK_1@49	21.82
15MHz_Low_QPSK_1@74	21.87	20MHz_Low_QPSK_1@99	21.57
15MHz_Low_QPSK_36@0	20.87	20MHz_Low_QPSK_50@0	20.92
15MHz_Low_QPSK_36@20	20.94	20MHz_Low_QPSK_50@24	20.84
15MHz_Low_QPSK_36@39	20.84	20MHz_Low_QPSK_50@50	20.83
15MHz_Low_QPSK_75@0	20.81	20MHz_Low_QPSK_100@0	20.80
15MHz_Low_16QAM_1@0	21.14	20MHz_Low_16QAM_1@0	20.35
15MHz_Low_16QAM_1@37	21.35	20MHz_Low_16QAM_1@49	20.55
15MHz_Low_16QAM_1@74	20.99	20MHz_Low_16QAM_1@99	20.38
15MHz_Low_16QAM_36@0	19.87	20MHz_Low_16QAM_50@0	19.70
15MHz_Low_16QAM_36@20	19.95	20MHz_Low_16QAM_50@24	19.71
15MHz_Low_16QAM_36@39	19.69	20MHz_Low_16QAM_50@50	19.54
15MHz_Low_16QAM_75@0	19.78	20MHz_Low_16QAM_100@0	20
15MHz_Middle_QPSK_1@0	21.99	20MHz_Middle_QPSK_1@0	21.61
15MHz_Middle_QPSK_1@37	22.22	20MHz_Middle_QPSK_1@49	21.97
15MHz_Middle_QPSK_1@74	21.81	20MHz_Middle_QPSK_1@99	21.47
15MHz_Middle_QPSK_36@0	20.87	20MHz_Middle_QPSK_50@0	20.78
15MHz_Middle_QPSK_36@20	20.79	20MHz_Middle_QPSK_50@24	20.86
15MHz_Middle_QPSK_36@39	20.77	20MHz_Middle_QPSK_50@50	20.83
15MHz_Middle_QPSK_75@0	20.79	20MHz_Middle_QPSK_100@0	20.82
15MHz_Middle_16QAM_1@0	21.02	20MHz_Middle_16QAM_1@0	20.67
15MHz_Middle_16QAM_1@37	21.66	20MHz_Middle_16QAM_1@49	20.94
15MHz_Middle_16QAM_1@74	20.81	20MHz_Middle_16QAM_1@99	20.61
15MHz_Middle_16QAM_36@0	19.71	20MHz_Middle_16QAM_50@0	19.91
15MHz_Middle_16QAM_36@20	19.72	20MHz_Middle_16QAM_50@24	19.90
15MHz_Middle_16QAM_36@39	19.53	20MHz_Middle_16QAM_50@50	19.58
15MHz_Middle_16QAM_75@0	19.71	20MHz_Middle_16QAM_100@0	19.72
15MHz_High_QPSK_1@0	22.03	20MHz_High_QPSK_1@0	22.09
15MHz_High_QPSK_1@37	22.09	20MHz_High_QPSK_1@49	21.96
15MHz_High_QPSK_1@74	22	20MHz_High_QPSK_1@99	21.69
15MHz_High_QPSK_36@0	20.65	20MHz_High_QPSK_50@0	20.93
15MHz_High_QPSK_36@20	20.63	20MHz_High_QPSK_50@24	20.63
15MHz_High_QPSK_36@39	20.64	20MHz_High_QPSK_50@50	20.70
15MHz_High_QPSK_75@0	20.64	20MHz_High_QPSK_100@0	20.81
15MHz_High_16QAM_1@0	21.04	20MHz_High_16QAM_1@0	20.60
15MHz_High_16QAM_1@37	20.98	20MHz_High_16QAM_1@49	20.62
15MHz_High_16QAM_1@74	20.63	20MHz_High_16QAM_1@99	20.44
15MHz_High_16QAM_36@0	19.66	20MHz_High_16QAM_50@0	19.81
15MHz_High_16QAM_36@20	19.71	20MHz_High_16QAM_50@24	19.60
15MHz_High_16QAM_36@39	19.61	20MHz_High_16QAM_50@50	19.65
15MHz_High_16QAM_75@0	19.69	20MHz_High_16QAM_100@0	19.84

LTE Band 5

Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
1.4MHz_Low_QPSK_1@0	22.65	3MHz_Low_QPSK_1@0	22.66
1.4MHz_Low_QPSK_1@3	22.64	3MHz_Low_QPSK_1@8	22.67
1.4MHz_Low_QPSK_1@5	22.47	3MHz_Low_QPSK_1@14	22.52
1.4MHz_Low_QPSK_3@0	22.69	3MHz_Low_QPSK_8@0	21.96
1.4MHz_Low_QPSK_3@1	22.65	3MHz_Low_QPSK_8@4	21.85
1.4MHz_Low_QPSK_3@3	22.72	3MHz_Low_QPSK_8@7	21.88
1.4MHz_Low_QPSK_6@0	21.76	3MHz_Low_QPSK_15@0	21.89
1.4MHz_Low_16QAM_1@0	21.58	3MHz_Low_16QAM_1@0	21.66
1.4MHz_Low_16QAM_1@3	21.61	3MHz_Low_16QAM_1@8	21.71
1.4MHz_Low_16QAM_1@5	21.52	3MHz_Low_16QAM_1@14	21.58
1.4MHz_Low_16QAM_3@0	21.68	3MHz_Low_16QAM_8@0	20.92
1.4MHz_Low_16QAM_3@1	21.76	3MHz_Low_16QAM_8@4	20.79
1.4MHz_Low_16QAM_3@3	21.69	3MHz_Low_16QAM_8@7	20.67
1.4MHz_Low_16QAM_6@0	20.86	3MHz_Low_16QAM_15@0	20.82
1.4MHz_Middle_QPSK_1@0	23.24	3MHz_Middle_QPSK_1@0	22.59
1.4MHz_Middle_QPSK_1@3	22.54	3MHz_Middle_QPSK_1@8	22.77
1.4MHz_Middle_QPSK_1@5	22.45	3MHz_Middle_QPSK_1@14	22.50
1.4MHz_Middle_QPSK_3@0	22.57	3MHz_Middle_QPSK_8@0	21.75
1.4MHz_Middle_QPSK_3@1	22.62	3MHz_Middle_QPSK_8@4	21.72
1.4MHz_Middle_QPSK_3@3	22.57	3MHz_Middle_QPSK_8@7	21.71
1.4MHz_Middle_QPSK_6@0	21.61	3MHz_Middle_QPSK_15@0	21.70
1.4MHz_Middle_16QAM_1@0	21.41	3MHz_Middle_16QAM_1@0	21.76
1.4MHz_Middle_16QAM_1@3	21.56	3MHz_Middle_16QAM_1@8	21.90
1.4MHz_Middle_16QAM_1@5	21.44	3MHz_Middle_16QAM_1@14	21.72
1.4MHz_Middle_16QAM_3@0	21.86	3MHz_Middle_16QAM_8@0	20.71
1.4MHz_Middle_16QAM_3@1	21.88	3MHz_Middle_16QAM_8@4	20.74
1.4MHz_Middle_16QAM_3@3	21.74	3MHz_Middle_16QAM_8@7	20.66
1.4MHz_Middle_16QAM_6@0	20.78	3MHz_Middle_16QAM_15@0	20.76
1.4MHz_High_QPSK_1@0	22.96	3MHz_High_QPSK_1@0	22.36
1.4MHz_High_QPSK_1@3	22.38	3MHz_High_QPSK_1@8	22.41
1.4MHz_High_QPSK_1@5	22.29	3MHz_High_QPSK_1@14	22.45
1.4MHz_High_QPSK_3@0	22.36	3MHz_High_QPSK_8@0	21.60
1.4MHz_High_QPSK_3@1	22.59	3MHz_High_QPSK_8@4	21.62
1.4MHz_High_QPSK_3@3	22.50	3MHz_High_QPSK_8@7	21.66
1.4MHz_High_QPSK_6@0	21.56	3MHz_High_QPSK_15@0	21.62
1.4MHz_High_16QAM_1@0	21.28	3MHz_High_16QAM_1@0	21.58
1.4MHz_High_16QAM_1@3	21.42	3MHz_High_16QAM_1@8	21.62
1.4MHz_High_16QAM_1@5	21.27	3MHz_High_16QAM_1@14	21.62
1.4MHz_High_16QAM_3@0	21.70	3MHz_High_16QAM_8@0	20.75
1.4MHz_High_16QAM_3@1	21.29	3MHz_High_16QAM_8@4	20.77
1.4MHz_High_16QAM_3@3	21.28	3MHz_High_16QAM_8@7	20.83
1.4MHz_High_16QAM_6@0	20.71	3MHz_High_16QAM_15@0	20.84

LTE Band 5

Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
5MHz_Low_QPSK_1@0	22.74	10MHz_Low_QPSK_1@0	22.57
5MHz_Low_QPSK_1@12	22.87	10MHz_Low_QPSK_1@25	22.57
5MHz_Low_QPSK_1@24	22.43	10MHz_Low_QPSK_1@49	22.32
5MHz_Low_QPSK_12@0	21.98	10MHz_Low_QPSK_25@0	21.80
5MHz_Low_QPSK_12@7	21.93	10MHz_Low_QPSK_25@12	21.83
5MHz_Low_QPSK_12@13	21.97	10MHz_Low_QPSK_25@25	21.81
5MHz_Low_QPSK_25@0	21.93	10MHz_Low_QPSK_50@0	21.81
5MHz_Low_16QAM_1@0	21.80	10MHz_Low_16QAM_1@0	21.56
5MHz_Low_16QAM_1@12	21.76	10MHz_Low_16QAM_1@25	21.55
5MHz_Low_16QAM_1@24	20.80	10MHz_Low_16QAM_1@49	21.55
5MHz_Low_16QAM_12@0	21.04	10MHz_Low_16QAM_25@0	20.98
5MHz_Low_16QAM_12@7	21.03	10MHz_Low_16QAM_25@12	20.97
5MHz_Low_16QAM_12@13	21.04	10MHz_Low_16QAM_25@25	20.83
5MHz_Low_16QAM_25@0	20.75	10MHz_Low_16QAM_50@0	20.86
5MHz_Middle_QPSK_1@0	22.41	10MHz_Middle_QPSK_1@0	22.78
5MHz_Middle_QPSK_1@12	22.90	10MHz_Middle_QPSK_1@25	22.92
5MHz_Middle_QPSK_1@24	22.32	10MHz_Middle_QPSK_1@49	22.40
5MHz_Middle_QPSK_12@0	21.78	10MHz_Middle_QPSK_25@0	21.73
5MHz_Middle_QPSK_12@7	21.80	10MHz_Middle_QPSK_25@12	21.69
5MHz_Middle_QPSK_12@13	21.75	10MHz_Middle_QPSK_25@25	21.73
5MHz_Middle_QPSK_25@0	21.77	10MHz_Middle_QPSK_50@0	21.68
5MHz_Middle_16QAM_1@0	21.22	10MHz_Middle_16QAM_1@0	21.72
5MHz_Middle_16QAM_1@12	21.45	10MHz_Middle_16QAM_1@25	22.11
5MHz_Middle_16QAM_1@24	20.75	10MHz_Middle_16QAM_1@49	21.65
5MHz_Middle_16QAM_12@0	20.58	10MHz_Middle_16QAM_25@0	20.94
5MHz_Middle_16QAM_12@7	20.74	10MHz_Middle_16QAM_25@12	20.79
5MHz_Middle_16QAM_12@13	20.50	10MHz_Middle_16QAM_25@25	20.70
5MHz_Middle_16QAM_25@0	20.90	10MHz_Middle_16QAM_50@0	20.70
5MHz_High_QPSK_1@0	22.07	10MHz_High_QPSK_1@0	22.40
5MHz_High_QPSK_1@12	22.43	10MHz_High_QPSK_1@25	22.71
5MHz_High_QPSK_1@24	22.02	10MHz_High_QPSK_1@49	22.56
5MHz_High_QPSK_12@0	21.55	10MHz_High_QPSK_25@0	21.69
5MHz_High_QPSK_12@7	21.60	10MHz_High_QPSK_25@12	21.64
5MHz_High_QPSK_12@13	21.52	10MHz_High_QPSK_25@25	21.64
5MHz_High_QPSK_25@0	21.54	10MHz_High_QPSK_50@0	21.64
5MHz_High_16QAM_1@0	21.68	10MHz_High_16QAM_1@0	21.73
5MHz_High_16QAM_1@12	22.15	10MHz_High_16QAM_1@25	21.83
5MHz_High_16QAM_1@24	21.61	10MHz_High_16QAM_1@49	21.63
5MHz_High_16QAM_12@0	20.34	10MHz_High_16QAM_25@0	20.76
5MHz_High_16QAM_12@7	20.63	10MHz_High_16QAM_25@12	20.82
5MHz_High_16QAM_12@13	20.61	10MHz_High_16QAM_25@25	20.65
5MHz_High_16QAM_25@0	20.65	10MHz_High_16QAM_50@0	20.74

LTE Band 7

Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
5MHz_Low_QPSK_1@0	20.55	10MHz_Low_QPSK_1@0	20.96
5MHz_Low_QPSK_1@12	20.88	10MHz_Low_QPSK_1@25	20.81
5MHz_Low_QPSK_1@24	20.22	10MHz_Low_QPSK_1@49	20.60
5MHz_Low_QPSK_12@0	19.91	10MHz_Low_QPSK_25@0	19.97
5MHz_Low_QPSK_12@7	19.97	10MHz_Low_QPSK_25@12	19.91
5MHz_Low_QPSK_12@13	19.84	10MHz_Low_QPSK_25@25	19.91
5MHz_Low_QPSK_25@0	19.94	10MHz_Low_QPSK_50@0	19.85
5MHz_Low_16QAM_1@0	20.15	10MHz_Low_16QAM_1@0	19.76
5MHz_Low_16QAM_1@12	20.36	10MHz_Low_16QAM_1@25	19.60
5MHz_Low_16QAM_1@24	19.35	10MHz_Low_16QAM_1@49	19.61
5MHz_Low_16QAM_12@0	18.71	10MHz_Low_16QAM_25@0	18.93
5MHz_Low_16QAM_12@7	18.91	10MHz_Low_16QAM_25@12	18.89
5MHz_Low_16QAM_12@13	18.81	10MHz_Low_16QAM_25@25	18.95
5MHz_Low_16QAM_25@0	18.96	10MHz_Low_16QAM_50@0	18.86
5MHz_Middle_QPSK_1@0	20.73	10MHz_Middle_QPSK_1@0	21.16
5MHz_Middle_QPSK_1@12	20.98	10MHz_Middle_QPSK_1@25	21.34
5MHz_Middle_QPSK_1@24	20.42	10MHz_Middle_QPSK_1@49	20.88
5MHz_Middle_QPSK_12@0	20.03	10MHz_Middle_QPSK_25@0	20.06
5MHz_Middle_QPSK_12@7	20.04	10MHz_Middle_QPSK_25@12	20.12
5MHz_Middle_QPSK_12@13	20.02	10MHz_Middle_QPSK_25@25	20.11
5MHz_Middle_QPSK_25@0	19.97	10MHz_Middle_QPSK_50@0	20.20
5MHz_Middle_16QAM_1@0	19.87	10MHz_Middle_16QAM_1@0	20.26
5MHz_Middle_16QAM_1@12	19.88	10MHz_Middle_16QAM_1@25	20.98
5MHz_Middle_16QAM_1@24	18.98	10MHz_Middle_16QAM_1@49	20.17
5MHz_Middle_16QAM_12@0	18.90	10MHz_Middle_16QAM_25@0	19.25
5MHz_Middle_16QAM_12@7	19.10	10MHz_Middle_16QAM_25@12	19.28
5MHz_Middle_16QAM_12@13	19.02	10MHz_Middle_16QAM_25@25	19.12
5MHz_Middle_16QAM_25@0	18.90	10MHz_Middle_16QAM_50@0	19.12
5MHz_High_QPSK_1@0	20.67	10MHz_High_QPSK_1@0	20.82
5MHz_High_QPSK_1@12	20.84	10MHz_High_QPSK_1@25	21.29
5MHz_High_QPSK_1@24	20.44	10MHz_High_QPSK_1@49	21.02
5MHz_High_QPSK_12@0	19.76	10MHz_High_QPSK_25@0	20.04
5MHz_High_QPSK_12@7	19.75	10MHz_High_QPSK_25@12	20.08
5MHz_High_QPSK_12@13	19.75	10MHz_High_QPSK_25@25	20.11
5MHz_High_QPSK_25@0	19.70	10MHz_High_QPSK_50@0	19.98
5MHz_High_16QAM_1@0	19.42	10MHz_High_16QAM_1@0	19.97
5MHz_High_16QAM_1@12	19.67	10MHz_High_16QAM_1@25	20.29
5MHz_High_16QAM_1@24	18.82	10MHz_High_16QAM_1@49	19.58
5MHz_High_16QAM_12@0	18.79	10MHz_High_16QAM_25@0	19.28
5MHz_High_16QAM_12@7	18.66	10MHz_High_16QAM_25@12	19.39
5MHz_High_16QAM_12@13	18.62	10MHz_High_16QAM_25@25	19.10
5MHz_High_16QAM_25@0	18.90	10MHz_High_16QAM_50@0	18.95

LTE Band 7

Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
15MHz_Low_QPSK_1@0	21.11	20MHz_Low_QPSK_1@0	20.83
15MHz_Low_QPSK_1@37	21.58	20MHz_Low_QPSK_1@49	21.02
15MHz_Low_QPSK_1@74	21.04	20MHz_Low_QPSK_1@99	20.49
15MHz_Low_QPSK_36@0	19.94	20MHz_Low_QPSK_50@0	19.92
15MHz_Low_QPSK_36@20	19.91	20MHz_Low_QPSK_50@24	19.97
15MHz_Low_QPSK_36@39	20.02	20MHz_Low_QPSK_50@50	19.98
15MHz_Low_QPSK_75@0	20.02	20MHz_Low_QPSK_100@0	20.05
15MHz_Low_16QAM_1@0	20.40	20MHz_Low_16QAM_1@0	19.70
15MHz_Low_16QAM_1@37	20.17	20MHz_Low_16QAM_1@49	19.73
15MHz_Low_16QAM_1@74	20.25	20MHz_Low_16QAM_1@99	19.58
15MHz_Low_16QAM_36@0	19.03	20MHz_Low_16QAM_50@0	18.90
15MHz_Low_16QAM_36@20	18.84	20MHz_Low_16QAM_50@24	18.97
15MHz_Low_16QAM_36@39	18.84	20MHz_Low_16QAM_50@50	18.83
15MHz_Low_16QAM_75@0	19.01	20MHz_Low_16QAM_100@0	18.99
15MHz_Middle_QPSK_1@0	20.99	20MHz_Middle_QPSK_1@0	20.63
15MHz_Middle_QPSK_1@37	21.54	20MHz_Middle_QPSK_1@49	20.99
15MHz_Middle_QPSK_1@74	21.03	20MHz_Middle_QPSK_1@99	20.71
15MHz_Middle_QPSK_36@0	20.17	20MHz_Middle_QPSK_50@0	20.06
15MHz_Middle_QPSK_36@20	20.19	20MHz_Middle_QPSK_50@24	20.13
15MHz_Middle_QPSK_36@39	20.04	20MHz_Middle_QPSK_50@50	20
15MHz_Middle_QPSK_75@0	20.07	20MHz_Middle_QPSK_100@0	20.05
15MHz_Middle_16QAM_1@0	20.14	20MHz_Middle_16QAM_1@0	19.78
15MHz_Middle_16QAM_1@37	20.92	20MHz_Middle_16QAM_1@49	20.39
15MHz_Middle_16QAM_1@74	19.87	20MHz_Middle_16QAM_1@99	19.81
15MHz_Middle_16QAM_36@0	19.11	20MHz_Middle_16QAM_50@0	19.15
15MHz_Middle_16QAM_36@20	19.18	20MHz_Middle_16QAM_50@24	19.21
15MHz_Middle_16QAM_36@39	19.11	20MHz_Middle_16QAM_50@50	19.13
15MHz_Middle_16QAM_75@0	18.99	20MHz_Middle_16QAM_100@0	18.99
15MHz_High_QPSK_1@0	21.11	20MHz_High_QPSK_1@0	20.82
15MHz_High_QPSK_1@37	21.33	20MHz_High_QPSK_1@49	21.29
15MHz_High_QPSK_1@74	21.15	20MHz_High_QPSK_1@99	20.89
15MHz_High_QPSK_36@0	20	20MHz_High_QPSK_50@0	19.98
15MHz_High_QPSK_36@20	19.94	20MHz_High_QPSK_50@24	19.98
15MHz_High_QPSK_36@39	19.98	20MHz_High_QPSK_50@50	19.94
15MHz_High_QPSK_75@0	19.95	20MHz_High_QPSK_100@0	19.98
15MHz_High_16QAM_1@0	20.20	20MHz_High_16QAM_1@0	19.43
15MHz_High_16QAM_1@37	20.47	20MHz_High_16QAM_1@49	19.87
15MHz_High_16QAM_1@74	19.47	20MHz_High_16QAM_1@99	19.30
15MHz_High_16QAM_36@0	19.07	20MHz_High_16QAM_50@0	19.18
15MHz_High_16QAM_36@20	19	20MHz_High_16QAM_50@24	19.04
15MHz_High_16QAM_36@39	19.04	20MHz_High_16QAM_50@50	18.88
15MHz_High_16QAM_75@0	18.93	20MHz_High_16QAM_100@0	18.99

LTE Band 12

Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
1.4MHz_Low_QPSK_1@0	22.16	3MHz_Low_QPSK_1@0	22.33
1.4MHz_Low_QPSK_1@3	22.32	3MHz_Low_QPSK_1@8	22.36
1.4MHz_Low_QPSK_1@5	22.36	3MHz_Low_QPSK_1@14	22.28
1.4MHz_Low_QPSK_3@0	22.11	3MHz_Low_QPSK_8@0	21.49
1.4MHz_Low_QPSK_3@1	22.07	3MHz_Low_QPSK_8@4	21.35
1.4MHz_Low_QPSK_3@3	22.17	3MHz_Low_QPSK_8@7	21.37
1.4MHz_Low_QPSK_6@0	21.37	3MHz_Low_QPSK_15@0	21.42
1.4MHz_Low_16QAM_1@0	21.12	3MHz_Low_16QAM_1@0	21.69
1.4MHz_Low_16QAM_1@3	21.15	3MHz_Low_16QAM_1@8	21.62
1.4MHz_Low_16QAM_1@5	21.02	3MHz_Low_16QAM_1@14	21.45
1.4MHz_Low_16QAM_3@0	21.64	3MHz_Low_16QAM_8@0	20.71
1.4MHz_Low_16QAM_3@1	21.63	3MHz_Low_16QAM_8@4	20.66
1.4MHz_Low_16QAM_3@3	21.56	3MHz_Low_16QAM_8@7	20.66
1.4MHz_Low_16QAM_6@0	20.71	3MHz_Low_16QAM_15@0	20.64
1.4MHz_Middle_QPSK_1@0	22.71	3MHz_Middle_QPSK_1@0	22.33
1.4MHz_Middle_QPSK_1@3	22.44	3MHz_Middle_QPSK_1@8	22.42
1.4MHz_Middle_QPSK_1@5	22.47	3MHz_Middle_QPSK_1@14	22.40
1.4MHz_Middle_QPSK_3@0	22.44	3MHz_Middle_QPSK_8@0	21.63
1.4MHz_Middle_QPSK_3@1	22.51	3MHz_Middle_QPSK_8@4	21.65
1.4MHz_Middle_QPSK_3@3	22.51	3MHz_Middle_QPSK_8@7	21.68
1.4MHz_Middle_QPSK_6@0	21.81	3MHz_Middle_QPSK_15@0	21.53
1.4MHz_Middle_16QAM_1@0	21.41	3MHz_Middle_16QAM_1@0	21.69
1.4MHz_Middle_16QAM_1@3	21.42	3MHz_Middle_16QAM_1@8	21.65
1.4MHz_Middle_16QAM_1@5	21.29	3MHz_Middle_16QAM_1@14	21.83
1.4MHz_Middle_16QAM_3@0	21.38	3MHz_Middle_16QAM_8@0	20.57
1.4MHz_Middle_16QAM_3@1	21.49	3MHz_Middle_16QAM_8@4	20.75
1.4MHz_Middle_16QAM_3@3	21.50	3MHz_Middle_16QAM_8@7	20.71
1.4MHz_Middle_16QAM_6@0	20.64	3MHz_Middle_16QAM_15@0	20.53
1.4MHz_High_QPSK_1@0	22.49	3MHz_High_QPSK_1@0	22.29
1.4MHz_High_QPSK_1@3	22.41	3MHz_High_QPSK_1@8	22.18
1.4MHz_High_QPSK_1@5	22.30	3MHz_High_QPSK_1@14	22.19
1.4MHz_High_QPSK_3@0	22.20	3MHz_High_QPSK_8@0	21.52
1.4MHz_High_QPSK_3@1	22.17	3MHz_High_QPSK_8@4	21.49
1.4MHz_High_QPSK_3@3	22.01	3MHz_High_QPSK_8@7	21.44
1.4MHz_High_QPSK_6@0	21.38	3MHz_High_QPSK_15@0	21.40
1.4MHz_High_16QAM_1@0	21.67	3MHz_High_16QAM_1@0	21.47
1.4MHz_High_16QAM_1@3	21.49	3MHz_High_16QAM_1@8	21.17
1.4MHz_High_16QAM_1@5	21.41	3MHz_High_16QAM_1@14	21.32
1.4MHz_High_16QAM_3@0	21.24	3MHz_High_16QAM_8@0	20.44
1.4MHz_High_16QAM_3@1	21.26	3MHz_High_16QAM_8@4	20.49
1.4MHz_High_16QAM_3@3	21.33	3MHz_High_16QAM_8@7	20.46
1.4MHz_High_16QAM_6@0	20.09	3MHz_High_16QAM_15@0	20.44

LTE Band 12

Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
5MHz_Low_QPSK_1@0	22.10	10MHz_Low_QPSK_1@0	21.93
5MHz_Low_QPSK_1@12	22.45	10MHz_Low_QPSK_1@25	22.23
5MHz_Low_QPSK_1@24	22.16	10MHz_Low_QPSK_1@49	22.14
5MHz_Low_QPSK_12@0	21.38	10MHz_Low_QPSK_25@0	21.34
5MHz_Low_QPSK_12@7	21.37	10MHz_Low_QPSK_25@12	21.44
5MHz_Low_QPSK_12@13	21.32	10MHz_Low_QPSK_25@25	21.57
5MHz_Low_QPSK_25@0	21.33	10MHz_Low_QPSK_50@0	21.45
5MHz_Low_16QAM_1@0	21.12	10MHz_Low_16QAM_1@0	21.10
5MHz_Low_16QAM_1@12	21.31	10MHz_Low_16QAM_1@25	21.42
5MHz_Low_16QAM_1@24	20.57	10MHz_Low_16QAM_1@49	21.43
5MHz_Low_16QAM_12@0	20.14	10MHz_Low_16QAM_25@0	20.53
5MHz_Low_16QAM_12@7	20.33	10MHz_Low_16QAM_25@12	20.55
5MHz_Low_16QAM_12@13	20.04	10MHz_Low_16QAM_25@25	20.64
5MHz_Low_16QAM_25@0	20.43	10MHz_Low_16QAM_50@0	20.43
5MHz_Middle_QPSK_1@0	21.88	10MHz_Middle_QPSK_1@0	22.29
5MHz_Middle_QPSK_1@12	22.59	10MHz_Middle_QPSK_1@25	22.64
5MHz_Middle_QPSK_1@24	21.82	10MHz_Middle_QPSK_1@49	22.40
5MHz_Middle_QPSK_12@0	21.52	10MHz_Middle_QPSK_25@0	21.49
5MHz_Middle_QPSK_12@7	21.60	10MHz_Middle_QPSK_25@12	21.62
5MHz_Middle_QPSK_12@13	21.60	10MHz_Middle_QPSK_25@25	21.59
5MHz_Middle_QPSK_25@0	21.64	10MHz_Middle_QPSK_50@0	21.57
5MHz_Middle_16QAM_1@0	21.60	10MHz_Middle_16QAM_1@0	21.46
5MHz_Middle_16QAM_1@12	22	10MHz_Middle_16QAM_1@25	22.03
5MHz_Middle_16QAM_1@24	21.25	10MHz_Middle_16QAM_1@49	21.22
5MHz_Middle_16QAM_12@0	20.47	10MHz_Middle_16QAM_25@0	20.72
5MHz_Middle_16QAM_12@7	20.51	10MHz_Middle_16QAM_25@12	20.67
5MHz_Middle_16QAM_12@13	20.51	10MHz_Middle_16QAM_25@25	20.61
5MHz_Middle_16QAM_25@0	20.53	10MHz_Middle_16QAM_50@0	20.45
5MHz_High_QPSK_1@0	22.14	10MHz_High_QPSK_1@0	22.39
5MHz_High_QPSK_1@12	22.40	10MHz_High_QPSK_1@25	22.65
5MHz_High_QPSK_1@24	22.05	10MHz_High_QPSK_1@49	22.16
5MHz_High_QPSK_12@0	21.54	10MHz_High_QPSK_25@0	21.67
5MHz_High_QPSK_12@7	21.54	10MHz_High_QPSK_25@12	21.59
5MHz_High_QPSK_12@13	21.39	10MHz_High_QPSK_25@25	21.42
5MHz_High_QPSK_25@0	21.37	10MHz_High_QPSK_50@0	21.59
5MHz_High_16QAM_1@0	21.43	10MHz_High_16QAM_1@0	21.42
5MHz_High_16QAM_1@12	21.47	10MHz_High_16QAM_1@25	21.62
5MHz_High_16QAM_1@24	20.70	10MHz_High_16QAM_1@49	20.97
5MHz_High_16QAM_12@0	20.60	10MHz_High_16QAM_25@0	20.73
5MHz_High_16QAM_12@7	20.64	10MHz_High_16QAM_25@12	20.57
5MHz_High_16QAM_12@13	20.49	10MHz_High_16QAM_25@25	20.39
5MHz_High_16QAM_25@0	20.46	10MHz_High_16QAM_50@0	20.64

LTE Band 13

Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
5MHz_Low_QPSK_1@0	21.78	10MHz_Middle_QPSK_1@0	22.08
5MHz_Low_QPSK_1@12	22.52	10MHz_Middle_QPSK_1@25	22.44
5MHz_Low_QPSK_1@24	21.81	10MHz_Middle_QPSK_1@49	21.86
5MHz_Low_QPSK_12@0	21.63	10MHz_Middle_QPSK_25@0	21.79
5MHz_Low_QPSK_12@7	21.82	10MHz_Middle_QPSK_25@12	21.78
5MHz_Low_QPSK_12@13	21.79	10MHz_Middle_QPSK_25@25	21.66
5MHz_Low_QPSK_25@0	21.72	10MHz_Middle_QPSK_50@0	21.68
5MHz_Low_16QAM_1@0	21.84	10MHz_Middle_16QAM_1@0	21.54
5MHz_Low_16QAM_1@12	22.20	10MHz_Middle_16QAM_1@25	21.69
5MHz_Low_16QAM_1@24	21.52	10MHz_Middle_16QAM_1@49	21.48
5MHz_Low_16QAM_12@0	20.34	10MHz_Middle_16QAM_25@0	20.93
5MHz_Low_16QAM_12@7	20.65	10MHz_Middle_16QAM_25@12	20.91
5MHz_Low_16QAM_12@13	20.52	10MHz_Middle_16QAM_25@25	20.77
5MHz_Low_16QAM_25@0	20.87	10MHz_Middle_16QAM_50@0	20.62
5MHz_High_QPSK_1@0	22.15	/	/
5MHz_High_QPSK_1@12	22.61	/	/
5MHz_High_QPSK_1@24	21.85	/	/
5MHz_High_QPSK_12@0	21.54	/	/
5MHz_High_QPSK_12@7	21.66	/	/
5MHz_High_QPSK_12@13	21.54	/	/
5MHz_High_QPSK_25@0	21.70	/	/
5MHz_High_16QAM_1@0	21.68	/	/
5MHz_High_16QAM_1@12	21.49	/	/
5MHz_High_16QAM_1@24	20.98	/	/
5MHz_High_16QAM_12@0	20.81	/	/
5MHz_High_16QAM_12@7	20.76	/	/
5MHz_High_16QAM_12@13	20.74	/	/
5MHz_High_16QAM_25@0	20.47	/	/

LTE Band 17

Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
5MHz_Low_QPSK_1@0	22.17	10MHz_Low_QPSK_1@0	22.75
5MHz_Low_QPSK_1@12	22.66	10MHz_Low_QPSK_1@25	22.95
5MHz_Low_QPSK_1@24	21.98	10MHz_Low_QPSK_1@49	22.57
5MHz_Low_QPSK_12@0	21.61	10MHz_Low_QPSK_25@0	21.80
5MHz_Low_QPSK_12@7	21.63	10MHz_Low_QPSK_25@12	21.74
5MHz_Low_QPSK_12@13	21.57	10MHz_Low_QPSK_25@25	21.77
5MHz_Low_QPSK_25@0	21.63	10MHz_Low_QPSK_50@0	21.77
5MHz_Low_16QAM_1@0	21.59	10MHz_Low_16QAM_1@0	21.59
5MHz_Low_16QAM_1@12	22.01	10MHz_Low_16QAM_1@25	21.49
5MHz_Low_16QAM_1@24	21.38	10MHz_Low_16QAM_1@49	21.61
5MHz_Low_16QAM_12@0	20.58	10MHz_Low_16QAM_25@0	20.96
5MHz_Low_16QAM_12@7	20.32	10MHz_Low_16QAM_25@12	21.02
5MHz_Low_16QAM_12@13	20.55	10MHz_Low_16QAM_25@25	20.97
5MHz_Low_16QAM_25@0	20.62	10MHz_Low_16QAM_50@0	20.65
5MHz_Middle_QPSK_1@0	22.44	10MHz_Middle_QPSK_1@0	22.91
5MHz_Middle_QPSK_1@12	22.68	10MHz_Middle_QPSK_1@25	22.97
5MHz_Middle_QPSK_1@24	22.31	10MHz_Middle_QPSK_1@49	22.65
5MHz_Middle_QPSK_12@0	21.57	10MHz_Middle_QPSK_25@0	21.54
5MHz_Middle_QPSK_12@7	21.61	10MHz_Middle_QPSK_25@12	21.66
5MHz_Middle_QPSK_12@13	21.62	10MHz_Middle_QPSK_25@25	21.70
5MHz_Middle_QPSK_25@0	21.50	10MHz_Middle_QPSK_50@0	21.74
5MHz_Middle_16QAM_1@0	21.11	10MHz_Middle_16QAM_1@0	21.56
5MHz_Middle_16QAM_1@12	21.39	10MHz_Middle_16QAM_1@25	22.06
5MHz_Middle_16QAM_1@24	21.19	10MHz_Middle_16QAM_1@49	21.47
5MHz_Middle_16QAM_12@0	20.67	10MHz_Middle_16QAM_25@0	20.72
5MHz_Middle_16QAM_12@7	20.60	10MHz_Middle_16QAM_25@12	20.75
5MHz_Middle_16QAM_12@13	20.51	10MHz_Middle_16QAM_25@25	20.68
5MHz_Middle_16QAM_25@0	20.43	10MHz_Middle_16QAM_50@0	20.77
5MHz_High_QPSK_1@0	22.48	10MHz_High_QPSK_1@0	22.70
5MHz_High_QPSK_1@12	22.73	10MHz_High_QPSK_1@25	22.94
5MHz_High_QPSK_1@24	22.43	10MHz_High_QPSK_1@49	22.58
5MHz_High_QPSK_12@0	21.55	10MHz_High_QPSK_25@0	21.58
5MHz_High_QPSK_12@7	21.54	10MHz_High_QPSK_25@12	21.64
5MHz_High_QPSK_12@13	21.60	10MHz_High_QPSK_25@25	21.64
5MHz_High_QPSK_25@0	21.48	10MHz_High_QPSK_50@0	21.60
5MHz_High_16QAM_1@0	21.43	10MHz_High_16QAM_1@0	21.65
5MHz_High_16QAM_1@12	22.10	10MHz_High_16QAM_1@25	21.83
5MHz_High_16QAM_1@24	20.79	10MHz_High_16QAM_1@49	20.99
5MHz_High_16QAM_12@0	20.52	10MHz_High_16QAM_25@0	20.65
5MHz_High_16QAM_12@7	20.52	10MHz_High_16QAM_25@12	20.90
5MHz_High_16QAM_12@13	20.48	10MHz_High_16QAM_25@25	20.66
5MHz_High_16QAM_25@0	20.55	10MHz_High_16QAM_50@0	20.87

LTE Band 26 1(814-824MHz)

Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
1.4MHz_Low_QPSK_1@0	22.52	3MHz_High_16QAM_1@0	22.44
1.4MHz_Low_QPSK_1@3	22.61	3MHz_High_16QAM_1@8	21.29
1.4MHz_Low_QPSK_1@5	22.48	3MHz_High_16QAM_1@14	21.32
1.4MHz_Low_QPSK_3@0	22.60	3MHz_High_16QAM_8@0	20.76
1.4MHz_Low_QPSK_3@1	22.68	3MHz_High_16QAM_8@4	20.73
1.4MHz_Low_QPSK_3@3	22.70	3MHz_High_16QAM_8@7	20.77
1.4MHz_Low_QPSK_6@0	21.67	3MHz_High_16QAM_15@0	20.74
1.4MHz_Low_16QAM_1@0	21.40	5MHz_Low_QPSK_1@0	22.54
1.4MHz_Low_16QAM_1@3	21.56	5MHz_Low_QPSK_1@12	22.53
1.4MHz_Low_16QAM_1@5	21.43	5MHz_Low_QPSK_1@24	22.31
1.4MHz_Low_16QAM_3@0	21.92	5MHz_Low_QPSK_12@0	21.69
1.4MHz_Low_16QAM_3@1	21.85	5MHz_Low_QPSK_12@7	21.80
1.4MHz_Low_16QAM_3@3	21.66	5MHz_Low_QPSK_12@13	21.78
1.4MHz_Low_16QAM_6@0	20.72	5MHz_Low_QPSK_25@0	21.80
1.4MHz_High_QPSK_1@0	23.31	5MHz_Low_16QAM_1@0	21.77
1.4MHz_High_QPSK_1@3	22.84	5MHz_Low_16QAM_1@12	22.21
1.4MHz_High_QPSK_1@5	22.70	5MHz_Low_16QAM_1@24	21.70
1.4MHz_High_QPSK_3@0	22.76	5MHz_Low_16QAM_12@0	20.49
1.4MHz_High_QPSK_3@1	22.79	5MHz_Low_16QAM_12@7	20.51
1.4MHz_High_QPSK_3@3	22.79	5MHz_Low_16QAM_12@13	20.43
1.4MHz_High_QPSK_6@0	21.71	5MHz_Low_16QAM_25@0	20.83
1.4MHz_High_16QAM_1@0	21.82	5MHz_High_QPSK_1@0	22.36
1.4MHz_High_16QAM_1@3	21.62	5MHz_High_QPSK_1@12	22.34
1.4MHz_High_16QAM_1@5	21.23	5MHz_High_QPSK_1@24	22.34
1.4MHz_High_16QAM_3@0	21.56	5MHz_High_QPSK_12@0	22.17
1.4MHz_High_16QAM_3@1	21.52	5MHz_High_QPSK_12@7	22.22
1.4MHz_High_16QAM_3@3	21.54	5MHz_High_QPSK_12@13	22.14
1.4MHz_High_16QAM_6@0	20.30	5MHz_High_QPSK_25@0	22.18
3MHz_Low_QPSK_1@0	22.81	5MHz_High_16QAM_1@0	22.18
3MHz_Low_QPSK_1@8	22.78	5MHz_High_16QAM_1@12	22.28
3MHz_Low_QPSK_1@14	22.68	5MHz_High_16QAM_1@24	22.20
3MHz_Low_QPSK_8@0	21.86	5MHz_High_16QAM_12@0	21.02
3MHz_Low_QPSK_8@4	21.84	5MHz_High_16QAM_12@7	21.02
3MHz_Low_QPSK_8@7	21.86	5MHz_High_16QAM_12@13	21.06
3MHz_Low_QPSK_15@0	21.74	5MHz_High_16QAM_25@0	21.20
3MHz_Low_16QAM_1@0	21.84	15MHz_Low_QPSK_1@0	23.27
3MHz_Low_16QAM_1@8	21.75	15MHz_Low_QPSK_1@37	23.34
3MHz_Low_16QAM_1@14	21.85	15MHz_Low_QPSK_1@74	23.11
3MHz_Low_16QAM_8@0	20.85	15MHz_Low_QPSK_36@0	22.24
3MHz_Low_16QAM_8@4	20.89	15MHz_Low_QPSK_36@20	22.24
3MHz_Low_16QAM_8@7	20.85	15MHz_Low_QPSK_36@39	22.16
3MHz_Low_16QAM_15@0	20.71	15MHz_Low_QPSK_75@0	22.19
3MHz_High_QPSK_1@0	22.47	15MHz_Low_16QAM_1@0	22.65
3MHz_High_QPSK_1@8	22.38	15MHz_Low_16QAM_1@37	22.69
3MHz_High_QPSK_1@14	22.46	15MHz_Low_16QAM_1@74	22.57
3MHz_High_QPSK_8@0	21.67	15MHz_Low_16QAM_36@0	21.27
3MHz_High_QPSK_8@4	21.70	15MHz_Low_16QAM_36@20	21.16
3MHz_High_QPSK_8@7	21.73	15MHz_Low_16QAM_36@39	21.14
3MHz_High_QPSK_15@0	21.66	15MHz_Low_16QAM_75@0	21.04

LTE Band 26 3(824MHz)

Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
1.4MHz_Middle_QPSK_1@0	22.70	10MHz_Middle_QPSK_1@0	23.34
1.4MHz_Middle_QPSK_1@3	22.89	10MHz_Middle_QPSK_1@25	23.19
1.4MHz_Middle_QPSK_1@5	22.76	10MHz_Middle_QPSK_1@49	23.26
1.4MHz_Middle_QPSK_3@0	22.95	10MHz_Middle_QPSK_25@0	22.03
1.4MHz_Middle_QPSK_3@1	22.96	10MHz_Middle_QPSK_25@12	22.13
1.4MHz_Middle_QPSK_3@3	22.76	10MHz_Middle_QPSK_25@25	22.14
1.4MHz_Middle_QPSK_6@0	21.98	10MHz_Middle_QPSK_50@0	22.08
1.4MHz_Middle_16QAM_1@0	21.76	10MHz_Middle_16QAM_1@0	21.91
1.4MHz_Middle_16QAM_1@3	21.81	10MHz_Middle_16QAM_1@25	22.29
1.4MHz_Middle_16QAM_1@5	21.22	10MHz_Middle_16QAM_1@49	22.06
1.4MHz_Middle_16QAM_3@0	21.73	10MHz_Middle_16QAM_25@0	21.15
1.4MHz_Middle_16QAM_3@1	22.03	10MHz_Middle_16QAM_25@12	21.18
1.4MHz_Middle_16QAM_3@3	22.10	10MHz_Middle_16QAM_25@25	21.16
1.4MHz_Middle_16QAM_6@0	21.12	10MHz_Middle_16QAM_50@0	21.07
3MHz_Middle_QPSK_1@0	23.09	15MHz_Middle_QPSK_1@0	23.63
3MHz_Middle_QPSK_1@8	23.03	15MHz_Middle_QPSK_1@37	23.17
3MHz_Middle_QPSK_1@14	22.97	15MHz_Middle_QPSK_1@74	23.17
3MHz_Middle_QPSK_8@0	22.15	15MHz_Middle_QPSK_36@0	22.13
3MHz_Middle_QPSK_8@4	22.10	15MHz_Middle_QPSK_36@20	22.07
3MHz_Middle_QPSK_8@7	22.08	15MHz_Middle_QPSK_36@39	22.13
3MHz_Middle_QPSK_15@0	21.99	15MHz_Middle_QPSK_75@0	22.13
3MHz_Middle_16QAM_1@0	22.19	15MHz_Middle_16QAM_1@0	21.98
3MHz_Middle_16QAM_1@8	22.01	15MHz_Middle_16QAM_1@37	22.35
3MHz_Middle_16QAM_1@14	22.02	15MHz_Middle_16QAM_1@74	22.21
3MHz_Middle_16QAM_8@0	21.01	15MHz_Middle_16QAM_36@0	21.10
3MHz_Middle_16QAM_8@4	20.85	15MHz_Middle_16QAM_36@20	21.10
3MHz_Middle_16QAM_8@7	20.71	15MHz_Middle_16QAM_36@39	21.12
3MHz_Middle_16QAM_15@0	21.07	15MHz_Middle_16QAM_75@0	21.17
5MHz_Middle_QPSK_1@0	23.04	/	/
5MHz_Middle_QPSK_1@12	23	/	/
5MHz_Middle_QPSK_1@24	22.70	/	/
5MHz_Middle_QPSK_12@0	22	/	/
5MHz_Middle_QPSK_12@7	21.97	/	/
5MHz_Middle_QPSK_12@13	22	/	/
5MHz_Middle_QPSK_25@0	22.14	/	/
5MHz_Middle_16QAM_1@0	21.79	/	/
5MHz_Middle_16QAM_1@12	21.99	/	/
5MHz_Middle_16QAM_1@24	21.50	/	/
5MHz_Middle_16QAM_12@0	20.78	/	/
5MHz_Middle_16QAM_12@7	20.86	/	/
5MHz_Middle_16QAM_12@13	20.80	/	/
5MHz_Middle_16QAM_25@0	21.20	/	/

LTE Band 26 2(824-849MHz)

Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
1.4MHz_Low_QPSK_1@0	23.14	3MHz_Low_QPSK_1@0	23.40
1.4MHz_Low_QPSK_1@3	23.25	3MHz_Low_QPSK_1@8	23.43
1.4MHz_Low_QPSK_1@5	23.09	3MHz_Low_QPSK_1@14	23.41
1.4MHz_Low_QPSK_3@0	23.03	3MHz_Low_QPSK_8@0	22.19
1.4MHz_Low_QPSK_3@1	23.06	3MHz_Low_QPSK_8@4	22.19
1.4MHz_Low_QPSK_3@3	22.89	3MHz_Low_QPSK_8@7	22.13
1.4MHz_Low_QPSK_6@0	21.94	3MHz_Low_QPSK_15@0	22.16
1.4MHz_Low_16QAM_1@0	22.02	3MHz_Low_16QAM_1@0	22.53
1.4MHz_Low_16QAM_1@3	21.91	3MHz_Low_16QAM_1@8	22.24
1.4MHz_Low_16QAM_1@5	21.91	3MHz_Low_16QAM_1@14	22.28
1.4MHz_Low_16QAM_3@0	21.89	3MHz_Low_16QAM_8@0	21.15
1.4MHz_Low_16QAM_3@1	21.93	3MHz_Low_16QAM_8@4	20.82
1.4MHz_Low_16QAM_3@3	21.72	3MHz_Low_16QAM_8@7	20.71
1.4MHz_Low_16QAM_6@0	20.98	3MHz_Low_16QAM_15@0	21.12
1.4MHz_Middle_QPSK_1@0	23.09	3MHz_Middle_QPSK_1@0	23.11
1.4MHz_Middle_QPSK_1@3	23.30	3MHz_Middle_QPSK_1@8	22.96
1.4MHz_Middle_QPSK_1@5	23.27	3MHz_Middle_QPSK_1@14	23.04
1.4MHz_Middle_QPSK_3@0	23.14	3MHz_Middle_QPSK_8@0	22.39
1.4MHz_Middle_QPSK_3@1	23.18	3MHz_Middle_QPSK_8@4	22.22
1.4MHz_Middle_QPSK_3@3	23.06	3MHz_Middle_QPSK_8@7	22.26
1.4MHz_Middle_QPSK_6@0	22.10	3MHz_Middle_QPSK_15@0	22.14
1.4MHz_Middle_16QAM_1@0	22.51	3MHz_Middle_16QAM_1@0	22.04
1.4MHz_Middle_16QAM_1@3	22.45	3MHz_Middle_16QAM_1@8	21.43
1.4MHz_Middle_16QAM_1@5	22.36	3MHz_Middle_16QAM_1@14	21.43
1.4MHz_Middle_16QAM_3@0	22.36	3MHz_Middle_16QAM_8@0	21.23
1.4MHz_Middle_16QAM_3@1	22.24	3MHz_Middle_16QAM_8@4	21.37
1.4MHz_Middle_16QAM_3@3	22.21	3MHz_Middle_16QAM_8@7	21.36
1.4MHz_Middle_16QAM_6@0	20.99	3MHz_Middle_16QAM_15@0	21.15
1.4MHz_High_QPSK_1@0	22.98	3MHz_High_QPSK_1@0	23.11
1.4MHz_High_QPSK_1@3	23.01	3MHz_High_QPSK_1@8	22.95
1.4MHz_High_QPSK_1@5	22.98	3MHz_High_QPSK_1@14	22.92
1.4MHz_High_QPSK_3@0	22.91	3MHz_High_QPSK_8@0	21.96
1.4MHz_High_QPSK_3@1	22.96	3MHz_High_QPSK_8@4	21.96
1.4MHz_High_QPSK_3@3	22.85	3MHz_High_QPSK_8@7	21.91
1.4MHz_High_QPSK_6@0	22.06	3MHz_High_QPSK_15@0	21.94
1.4MHz_High_16QAM_1@0	21.78	3MHz_High_16QAM_1@0	22.16
1.4MHz_High_16QAM_1@3	22.04	3MHz_High_16QAM_1@8	22.10
1.4MHz_High_16QAM_1@5	21.87	3MHz_High_16QAM_1@14	22.10
1.4MHz_High_16QAM_3@0	22.17	3MHz_High_16QAM_8@0	20.81
1.4MHz_High_16QAM_3@1	22.32	3MHz_High_16QAM_8@4	20.92
1.4MHz_High_16QAM_3@3	22.14	3MHz_High_16QAM_8@7	20.84
1.4MHz_High_16QAM_6@0	21.04	3MHz_High_16QAM_15@0	21

LTE Band 26 2(824-849MHz)

Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
5MHz_Low_QPSK_1@0	23.16	10MHz_Low_QPSK_1@0	23.49
5MHz_Low_QPSK_1@12	23.06	10MHz_Low_QPSK_1@25	23.42
5MHz_Low_QPSK_1@24	23.01	10MHz_Low_QPSK_1@49	23.53
5MHz_Low_QPSK_12@0	22.23	10MHz_Low_QPSK_25@0	22.26
5MHz_Low_QPSK_12@7	22.27	10MHz_Low_QPSK_25@12	22.31
5MHz_Low_QPSK_12@13	22.27	10MHz_Low_QPSK_25@25	22.26
5MHz_Low_QPSK_25@0	22.29	10MHz_Low_QPSK_50@0	22.20
5MHz_Low_16QAM_1@0	22.20	10MHz_Low_16QAM_1@0	22.27
5MHz_Low_16QAM_1@12	22.49	10MHz_Low_16QAM_1@25	22.51
5MHz_Low_16QAM_1@24	22.12	10MHz_Low_16QAM_1@49	22.56
5MHz_Low_16QAM_12@0	20.90	10MHz_Low_16QAM_25@0	21.18
5MHz_Low_16QAM_12@7	20.98	10MHz_Low_16QAM_25@12	21.29
5MHz_Low_16QAM_12@13	21.07	10MHz_Low_16QAM_25@25	21.43
5MHz_Low_16QAM_25@0	21.31	10MHz_Low_16QAM_50@0	21.13
5MHz_Middle_QPSK_1@0	23.17	10MHz_Middle_QPSK_1@0	22.95
5MHz_Middle_QPSK_1@12	23.48	10MHz_Middle_QPSK_1@25	23.34
5MHz_Middle_QPSK_1@24	23.26	10MHz_Middle_QPSK_1@49	23.07
5MHz_Middle_QPSK_12@0	22.23	10MHz_Middle_QPSK_25@0	22.26
5MHz_Middle_QPSK_12@7	22.30	10MHz_Middle_QPSK_25@12	22.27
5MHz_Middle_QPSK_12@13	22.37	10MHz_Middle_QPSK_25@25	22.08
5MHz_Middle_QPSK_25@0	22.32	10MHz_Middle_QPSK_50@0	22.14
5MHz_Middle_16QAM_1@0	21.84	10MHz_Middle_16QAM_1@0	22.35
5MHz_Middle_16QAM_1@12	21.93	10MHz_Middle_16QAM_1@25	22.19
5MHz_Middle_16QAM_1@24	21.70	10MHz_Middle_16QAM_1@49	21.96
5MHz_Middle_16QAM_12@0	21.06	10MHz_Middle_16QAM_25@0	21.10
5MHz_Middle_16QAM_12@7	21.21	10MHz_Middle_16QAM_25@12	21.33
5MHz_Middle_16QAM_12@13	20.90	10MHz_Middle_16QAM_25@25	21.13
5MHz_Middle_16QAM_25@0	21.26	10MHz_Middle_16QAM_50@0	20.98
5MHz_High_QPSK_1@0	22.81	10MHz_High_QPSK_1@0	22.99
5MHz_High_QPSK_1@12	22.94	10MHz_High_QPSK_1@25	23.04
5MHz_High_QPSK_1@24	22.80	10MHz_High_QPSK_1@49	22.87
5MHz_High_QPSK_12@0	22.05	10MHz_High_QPSK_25@0	22.08
5MHz_High_QPSK_12@7	22.09	10MHz_High_QPSK_25@12	22.09
5MHz_High_QPSK_12@13	22.01	10MHz_High_QPSK_25@25	22.05
5MHz_High_QPSK_25@0	22.06	10MHz_High_QPSK_50@0	22.06
5MHz_High_16QAM_1@0	21.92	10MHz_High_16QAM_1@0	21.83
5MHz_High_16QAM_1@12	22.01	10MHz_High_16QAM_1@25	21.81
5MHz_High_16QAM_1@24	21.31	10MHz_High_16QAM_1@49	21.81
5MHz_High_16QAM_12@0	21.04	10MHz_High_16QAM_25@0	21.23
5MHz_High_16QAM_12@7	20.97	10MHz_High_16QAM_25@12	21.14
5MHz_High_16QAM_12@13	20.96	10MHz_High_16QAM_25@25	21.09
5MHz_High_16QAM_25@0	21.19	10MHz_High_16QAM_50@0	20.97

LTE Band 26 2(824-849MHz)

Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
15MHz_Low_QPSK_1@0	23.31	/	/
15MHz_Low_QPSK_1@37	23.50	/	/
15MHz_Low_QPSK_1@74	23.33	/	/
15MHz_Low_QPSK_36@0	22.22	/	/
15MHz_Low_QPSK_36@20	22.21	/	/
15MHz_Low_QPSK_36@39	22.05	/	/
15MHz_Low_QPSK_75@0	22.14	/	/
15MHz_Low_16QAM_1@0	21.95	/	/
15MHz_Low_16QAM_1@37	22.17	/	/
15MHz_Low_16QAM_1@74	22.14	/	/
15MHz_Low_16QAM_36@0	20.97	/	/
15MHz_Low_16QAM_36@20	20.97	/	/
15MHz_Low_16QAM_36@39	20.95	/	/
15MHz_Low_16QAM_75@0	21.04	/	/
15MHz_Middle_QPSK_1@0	23.45	/	/
15MHz_Middle_QPSK_1@37	23.27	/	/
15MHz_Middle_QPSK_1@74	23.07	/	/
15MHz_Middle_QPSK_36@0	22.03	/	/
15MHz_Middle_QPSK_36@20	21.99	/	/
15MHz_Middle_QPSK_36@39	22.01	/	/
15MHz_Middle_QPSK_75@0	22.08	/	/
15MHz_Middle_16QAM_1@0	22.22	/	/
15MHz_Middle_16QAM_1@37	22.72	/	/
15MHz_Middle_16QAM_1@74	21.97	/	/
15MHz_Middle_16QAM_36@0	20.82	/	/
15MHz_Middle_16QAM_36@20	20.75	/	/
15MHz_Middle_16QAM_36@39	20.80	/	/
15MHz_Middle_16QAM_75@0	20.93	/	/
15MHz_High_QPSK_1@0	23.04	/	/
15MHz_High_QPSK_1@37	23.42	/	/
15MHz_High_QPSK_1@74	22.80	/	/
15MHz_High_QPSK_36@0	21.82	/	/
15MHz_High_QPSK_36@20	21.87	/	/
15MHz_High_QPSK_36@39	21.99	/	/
15MHz_High_QPSK_75@0	21.91	/	/
15MHz_High_16QAM_1@0	22.04	/	/
15MHz_High_16QAM_1@37	22.05	/	/
15MHz_High_16QAM_1@74	21.88	/	/
15MHz_High_16QAM_36@0	20.82	/	/
15MHz_High_16QAM_36@20	20.88	/	/
15MHz_High_16QAM_36@39	20.86	/	/
15MHz_High_16QAM_75@0	20.90	/	/

LTE Band 38

Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
5MHz_Low_QPSK_1@0	22.27	10MHz_Low_QPSK_1@0	22.46
5MHz_Low_QPSK_1@12	22.34	10MHz_Low_QPSK_1@25	22.76
5MHz_Low_QPSK_1@24	22.14	10MHz_Low_QPSK_1@49	22.57
5MHz_Low_QPSK_12@0	21.32	10MHz_Low_QPSK_25@0	21.36
5MHz_Low_QPSK_12@7	21.39	10MHz_Low_QPSK_25@12	21.49
5MHz_Low_QPSK_12@13	21.33	10MHz_Low_QPSK_25@25	21.38
5MHz_Low_QPSK_25@0	21.30	10MHz_Low_QPSK_50@0	21.36
5MHz_Low_16QAM_1@0	21.53	10MHz_Low_16QAM_1@0	21.72
5MHz_Low_16QAM_1@12	21.72	10MHz_Low_16QAM_1@25	21.85
5MHz_Low_16QAM_1@24	21.62	10MHz_Low_16QAM_1@49	21.81
5MHz_Low_16QAM_12@0	20.35	10MHz_Low_16QAM_25@0	20.35
5MHz_Low_16QAM_12@7	20.37	10MHz_Low_16QAM_25@12	20.52
5MHz_Low_16QAM_12@13	20.30	10MHz_Low_16QAM_25@25	20.31
5MHz_Low_16QAM_25@0	20.10	10MHz_Low_16QAM_50@0	20.34
5MHz_Middle_QPSK_1@0	22.28	10MHz_Middle_QPSK_1@0	22.24
5MHz_Middle_QPSK_1@12	22.76	10MHz_Middle_QPSK_1@25	22.57
5MHz_Middle_QPSK_1@24	22.25	10MHz_Middle_QPSK_1@49	22.41
5MHz_Middle_QPSK_12@0	21.71	10MHz_Middle_QPSK_25@0	21.71
5MHz_Middle_QPSK_12@7	21.81	10MHz_Middle_QPSK_25@12	21.76
5MHz_Middle_QPSK_12@13	21.73	10MHz_Middle_QPSK_25@25	21.67
5MHz_Middle_QPSK_25@0	21.73	10MHz_Middle_QPSK_50@0	21.71
5MHz_Middle_16QAM_1@0	21.20	10MHz_Middle_16QAM_1@0	21.06
5MHz_Middle_16QAM_1@12	21.63	10MHz_Middle_16QAM_1@25	21.94
5MHz_Middle_16QAM_1@24	21.22	10MHz_Middle_16QAM_1@49	21.28
5MHz_Middle_16QAM_12@0	20.40	10MHz_Middle_16QAM_25@0	20.47
5MHz_Middle_16QAM_12@7	20.33	10MHz_Middle_16QAM_25@12	20.62
5MHz_Middle_16QAM_12@13	20.29	10MHz_Middle_16QAM_25@25	20.56
5MHz_Middle_16QAM_25@0	20.61	10MHz_Middle_16QAM_50@0	20.62
5MHz_High_QPSK_1@0	22.36	10MHz_High_QPSK_1@0	22.57
5MHz_High_QPSK_1@12	22.87	10MHz_High_QPSK_1@25	22.61
5MHz_High_QPSK_1@24	22.41	10MHz_High_QPSK_1@49	22.66
5MHz_High_QPSK_12@0	21.71	10MHz_High_QPSK_25@0	21.77
5MHz_High_QPSK_12@7	21.77	10MHz_High_QPSK_25@12	21.70
5MHz_High_QPSK_12@13	21.88	10MHz_High_QPSK_25@25	21.71
5MHz_High_QPSK_25@0	21.76	10MHz_High_QPSK_50@0	21.77
5MHz_High_16QAM_1@0	21.33	10MHz_High_16QAM_1@0	21.40
5MHz_High_16QAM_1@12	21.49	10MHz_High_16QAM_1@25	21.33
5MHz_High_16QAM_1@24	21.45	10MHz_High_16QAM_1@49	21
5MHz_High_16QAM_12@0	20.48	10MHz_High_16QAM_25@0	20.60
5MHz_High_16QAM_12@7	20.37	10MHz_High_16QAM_25@12	20.51
5MHz_High_16QAM_12@13	20.52	10MHz_High_16QAM_25@25	20.51
5MHz_High_16QAM_25@0	20.70	10MHz_High_16QAM_50@0	20.69

LTE Band 38

Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
15MHz_Low_QPSK_1@0	22.63	20MHz_Low_QPSK_1@0	22.35
15MHz_Low_QPSK_1@37	22.49	20MHz_Low_QPSK_1@49	22.47
15MHz_Low_QPSK_1@74	22.34	20MHz_Low_QPSK_1@99	22.46
15MHz_Low_QPSK_36@0	21.34	20MHz_Low_QPSK_50@0	21.55
15MHz_Low_QPSK_36@20	21.34	20MHz_Low_QPSK_50@24	21.49
15MHz_Low_QPSK_36@39	21.34	20MHz_Low_QPSK_50@50	21.40
15MHz_Low_QPSK_75@0	21.35	20MHz_Low_QPSK_100@0	21.41
15MHz_Low_16QAM_1@0	21.84	20MHz_Low_16QAM_1@0	21.39
15MHz_Low_16QAM_1@37	22.18	20MHz_Low_16QAM_1@49	21.57
15MHz_Low_16QAM_1@74	21.82	20MHz_Low_16QAM_1@99	21.38
15MHz_Low_16QAM_36@0	20.27	20MHz_Low_16QAM_50@0	20.45
15MHz_Low_16QAM_36@20	20.30	20MHz_Low_16QAM_50@24	20.50
15MHz_Low_16QAM_36@39	20.19	20MHz_Low_16QAM_50@50	20.41
15MHz_Low_16QAM_75@0	20.26	20MHz_Low_16QAM_100@0	20.35
15MHz_Middle_QPSK_1@0	22.38	20MHz_Middle_QPSK_1@0	22.18
15MHz_Middle_QPSK_1@37	22.87	20MHz_Middle_QPSK_1@49	22.34
15MHz_Middle_QPSK_1@74	22.82	20MHz_Middle_QPSK_1@99	22.41
15MHz_Middle_QPSK_36@0	21.55	20MHz_Middle_QPSK_50@0	21.60
15MHz_Middle_QPSK_36@20	21.67	20MHz_Middle_QPSK_50@24	21.73
15MHz_Middle_QPSK_36@39	21.62	20MHz_Middle_QPSK_50@50	21.67
15MHz_Middle_QPSK_75@0	21.53	20MHz_Middle_QPSK_100@0	21.57
15MHz_Middle_16QAM_1@0	21.89	20MHz_Middle_16QAM_1@0	21.10
15MHz_Middle_16QAM_1@37	21.97	20MHz_Middle_16QAM_1@49	21.31
15MHz_Middle_16QAM_1@74	22.41	20MHz_Middle_16QAM_1@99	21.38
15MHz_Middle_16QAM_36@0	20.67	20MHz_Middle_16QAM_50@0	20.61
15MHz_Middle_16QAM_36@20	20.63	20MHz_Middle_16QAM_50@24	20.82
15MHz_Middle_16QAM_36@39	20.52	20MHz_Middle_16QAM_50@50	20.85
15MHz_Middle_16QAM_75@0	20.52	20MHz_Middle_16QAM_100@0	20.52
15MHz_High_QPSK_1@0	22.55	20MHz_High_QPSK_1@0	22.84
15MHz_High_QPSK_1@37	22.81	20MHz_High_QPSK_1@49	23.13
15MHz_High_QPSK_1@74	22.72	20MHz_High_QPSK_1@99	23.09
15MHz_High_QPSK_36@0	21.82	20MHz_High_QPSK_50@0	21.94
15MHz_High_QPSK_36@20	21.89	20MHz_High_QPSK_50@24	21.83
15MHz_High_QPSK_36@39	21.75	20MHz_High_QPSK_50@50	21.74
15MHz_High_QPSK_75@0	21.91	20MHz_High_QPSK_100@0	21.88
15MHz_High_16QAM_1@0	21.31	20MHz_High_16QAM_1@0	20.70
15MHz_High_16QAM_1@37	21.46	20MHz_High_16QAM_1@49	21.34
15MHz_High_16QAM_1@74	21.01	20MHz_High_16QAM_1@99	21
15MHz_High_16QAM_36@0	20.70	20MHz_High_16QAM_50@0	20.62
15MHz_High_16QAM_36@20	20.60	20MHz_High_16QAM_50@24	20.62
15MHz_High_16QAM_36@39	20.65	20MHz_High_16QAM_50@50	20.71
15MHz_High_16QAM_75@0	20.68	20MHz_High_16QAM_100@0	20.56

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Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
5MHz_Low_QPSK_1@0	21.10	10MHz_Low_QPSK_1@0	21.71
5MHz_Low_QPSK_1@12	21.41	10MHz_Low_QPSK_1@25	21.98
5MHz_Low_QPSK_1@24	21.57	10MHz_Low_QPSK_1@49	22.08
5MHz_Low_QPSK_12@0	20.59	10MHz_Low_QPSK_25@0	20.69
5MHz_Low_QPSK_12@7	20.68	10MHz_Low_QPSK_25@12	20.85
5MHz_Low_QPSK_12@13	20.69	10MHz_Low_QPSK_25@25	20.95
5MHz_Low_QPSK_25@0	20.56	10MHz_Low_QPSK_50@0	20.92
5MHz_Low_16QAM_1@0	20.18	10MHz_Low_16QAM_1@0	20.95
5MHz_Low_16QAM_1@12	20.33	10MHz_Low_16QAM_1@25	21.28
5MHz_Low_16QAM_1@24	20.26	10MHz_Low_16QAM_1@49	21.27
5MHz_Low_16QAM_12@0	19.37	10MHz_Low_16QAM_25@0	19.63
5MHz_Low_16QAM_12@7	19.43	10MHz_Low_16QAM_25@12	19.79
5MHz_Low_16QAM_12@13	19.47	10MHz_Low_16QAM_25@25	19.91
5MHz_Low_16QAM_25@0	19.67	10MHz_Low_16QAM_50@0	19.83
5MHz_Middle_QPSK_1@0	22.16	10MHz_Middle_QPSK_1@0	22.17
5MHz_Middle_QPSK_1@12	22.22	10MHz_Middle_QPSK_1@25	22.19
5MHz_Middle_QPSK_1@24	21.95	10MHz_Middle_QPSK_1@49	22.07
5MHz_Middle_QPSK_12@0	21.25	10MHz_Middle_QPSK_25@0	21.28
5MHz_Middle_QPSK_12@7	21.24	10MHz_Middle_QPSK_25@12	21.29
5MHz_Middle_QPSK_12@13	21.24	10MHz_Middle_QPSK_25@25	21.29
5MHz_Middle_QPSK_25@0	21.17	10MHz_Middle_QPSK_50@0	21.21
5MHz_Middle_16QAM_1@0	21.37	10MHz_Middle_16QAM_1@0	20.80
5MHz_Middle_16QAM_1@12	21.58	10MHz_Middle_16QAM_1@25	20.63
5MHz_Middle_16QAM_1@24	21.47	10MHz_Middle_16QAM_1@49	20.42
5MHz_Middle_16QAM_12@0	20.37	10MHz_Middle_16QAM_25@0	20.30
5MHz_Middle_16QAM_12@7	20.38	10MHz_Middle_16QAM_25@12	20.27
5MHz_Middle_16QAM_12@13	20.39	10MHz_Middle_16QAM_25@25	20.27
5MHz_Middle_16QAM_25@0	20.07	10MHz_Middle_16QAM_50@0	20.30
5MHz_High_QPSK_1@0	22.30	10MHz_High_QPSK_1@0	22.65
5MHz_High_QPSK_1@12	22.95	10MHz_High_QPSK_1@25	22.98
5MHz_High_QPSK_1@24	22.24	10MHz_High_QPSK_1@49	22.56
5MHz_High_QPSK_12@0	21.77	10MHz_High_QPSK_25@0	21.77
5MHz_High_QPSK_12@7	21.78	10MHz_High_QPSK_25@12	21.78
5MHz_High_QPSK_12@13	21.69	10MHz_High_QPSK_25@25	21.71
5MHz_High_QPSK_25@0	21.70	10MHz_High_QPSK_50@0	21.71
5MHz_High_16QAM_1@0	21.33	10MHz_High_16QAM_1@0	22.49
5MHz_High_16QAM_1@12	21.48	10MHz_High_16QAM_1@25	22.60
5MHz_High_16QAM_1@24	21.23	10MHz_High_16QAM_1@49	22.57
5MHz_High_16QAM_12@0	20.52	10MHz_High_16QAM_25@0	20.78
5MHz_High_16QAM_12@7	20.54	10MHz_High_16QAM_25@12	20.75
5MHz_High_16QAM_12@13	20.45	10MHz_High_16QAM_25@25	20.61
5MHz_High_16QAM_25@0	20.75	10MHz_High_16QAM_50@0	20.75

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Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
15MHz_Low_QPSK_1@0	21.50	20MHz_Low_QPSK_1@0	21.20
15MHz_Low_QPSK_1@37	21.91	20MHz_Low_QPSK_1@49	21.84
15MHz_Low_QPSK_1@74	22.01	20MHz_Low_QPSK_1@99	21.60
15MHz_Low_QPSK_36@0	20.68	20MHz_Low_QPSK_50@0	20.76
15MHz_Low_QPSK_36@20	20.81	20MHz_Low_QPSK_50@24	20.86
15MHz_Low_QPSK_36@39	20.73	20MHz_Low_QPSK_50@50	20.86
15MHz_Low_QPSK_75@0	20.74	20MHz_Low_QPSK_100@0	20.69
15MHz_Low_16QAM_1@0	20.63	20MHz_Low_16QAM_1@0	20.71
15MHz_Low_16QAM_1@37	21.02	20MHz_Low_16QAM_1@49	21.19
15MHz_Low_16QAM_1@74	20.88	20MHz_Low_16QAM_1@99	21.01
15MHz_Low_16QAM_36@0	19.66	20MHz_Low_16QAM_50@0	19.75
15MHz_Low_16QAM_36@20	19.84	20MHz_Low_16QAM_50@24	19.75
15MHz_Low_16QAM_36@39	19.80	20MHz_Low_16QAM_50@50	19.82
15MHz_Low_16QAM_75@0	19.75	20MHz_Low_16QAM_100@0	19.65
15MHz_Middle_QPSK_1@0	22.22	20MHz_Middle_QPSK_1@0	22.30
15MHz_Middle_QPSK_1@37	22.22	20MHz_Middle_QPSK_1@49	22.51
15MHz_Middle_QPSK_1@74	22.15	20MHz_Middle_QPSK_1@99	22.56
15MHz_Middle_QPSK_36@0	21.24	20MHz_Middle_QPSK_50@0	21.29
15MHz_Middle_QPSK_36@20	21.22	20MHz_Middle_QPSK_50@24	21.40
15MHz_Middle_QPSK_36@39	21.20	20MHz_Middle_QPSK_50@50	21.42
15MHz_Middle_QPSK_75@0	21.23	20MHz_Middle_QPSK_100@0	21.34
15MHz_Middle_16QAM_1@0	20.98	20MHz_Middle_16QAM_1@0	20.41
15MHz_Middle_16QAM_1@37	20.61	20MHz_Middle_16QAM_1@49	20.59
15MHz_Middle_16QAM_1@74	20.56	20MHz_Middle_16QAM_1@99	20.37
15MHz_Middle_16QAM_36@0	20.29	20MHz_Middle_16QAM_50@0	20.37
15MHz_Middle_16QAM_36@20	20.20	20MHz_Middle_16QAM_50@24	20.37
15MHz_Middle_16QAM_36@39	20.31	20MHz_Middle_16QAM_50@50	20.32
15MHz_Middle_16QAM_75@0	20.33	20MHz_Middle_16QAM_100@0	20.31
15MHz_High_QPSK_1@0	22.73	20MHz_High_QPSK_1@0	22.85
15MHz_High_QPSK_1@37	22.71	20MHz_High_QPSK_1@49	22.62
15MHz_High_QPSK_1@74	22.53	20MHz_High_QPSK_1@99	22.65
15MHz_High_QPSK_36@0	21.59	20MHz_High_QPSK_50@0	21.79
15MHz_High_QPSK_36@20	21.63	20MHz_High_QPSK_50@24	21.81
15MHz_High_QPSK_36@39	21.71	20MHz_High_QPSK_50@50	21.85
15MHz_High_QPSK_75@0	21.60	20MHz_High_QPSK_100@0	21.79
15MHz_High_16QAM_1@0	22.48	20MHz_High_16QAM_1@0	21.72
15MHz_High_16QAM_1@37	22.22	20MHz_High_16QAM_1@49	21.76
15MHz_High_16QAM_1@74	22.26	20MHz_High_16QAM_1@99	21.82
15MHz_High_16QAM_36@0	20.61	20MHz_High_16QAM_50@0	20.66
15MHz_High_16QAM_36@20	20.49	20MHz_High_16QAM_50@24	20.73
15MHz_High_16QAM_36@39	20.61	20MHz_High_16QAM_50@50	20.76
15MHz_High_16QAM_75@0	20.58	20MHz_High_16QAM_100@0	20.75

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Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
1.4MHz_Low_QPSK_1@0	22.76	3MHz_Low_QPSK_1@0	22.72
1.4MHz_Low_QPSK_1@3	23.02	3MHz_Low_QPSK_1@8	22.67
1.4MHz_Low_QPSK_1@5	22.98	3MHz_Low_QPSK_1@14	22.74
1.4MHz_Low_QPSK_3@0	22.80	3MHz_Low_QPSK_8@0	21.73
1.4MHz_Low_QPSK_3@1	22.86	3MHz_Low_QPSK_8@4	21.79
1.4MHz_Low_QPSK_3@3	22.78	3MHz_Low_QPSK_8@7	21.74
1.4MHz_Low_QPSK_6@0	21.56	3MHz_Low_QPSK_15@0	21.72
1.4MHz_Low_16QAM_1@0	21.82	3MHz_Low_16QAM_1@0	21.51
1.4MHz_Low_16QAM_1@3	21.75	3MHz_Low_16QAM_1@8	21.45
1.4MHz_Low_16QAM_1@5	21.78	3MHz_Low_16QAM_1@14	21.68
1.4MHz_Low_16QAM_3@0	21.35	3MHz_Low_16QAM_8@0	20.28
1.4MHz_Low_16QAM_3@1	21.33	3MHz_Low_16QAM_8@4	20.38
1.4MHz_Low_16QAM_3@3	21.29	3MHz_Low_16QAM_8@7	20.37
1.4MHz_Low_16QAM_6@0	20.43	3MHz_Low_16QAM_15@0	20.55
1.4MHz_Middle_QPSK_1@0	22.44	3MHz_Middle_QPSK_1@0	22.81
1.4MHz_Middle_QPSK_1@3	22.54	3MHz_Middle_QPSK_1@8	22.96
1.4MHz_Middle_QPSK_1@5	22.57	3MHz_Middle_QPSK_1@14	22.69
1.4MHz_Middle_QPSK_3@0	22.68	3MHz_Middle_QPSK_8@0	21.80
1.4MHz_Middle_QPSK_3@1	22.74	3MHz_Middle_QPSK_8@4	21.73
1.4MHz_Middle_QPSK_3@3	22.61	3MHz_Middle_QPSK_8@7	21.74
1.4MHz_Middle_QPSK_6@0	21.60	3MHz_Middle_QPSK_15@0	21.65
1.4MHz_Middle_16QAM_1@0	21.52	3MHz_Middle_16QAM_1@0	21.68
1.4MHz_Middle_16QAM_1@3	21.57	3MHz_Middle_16QAM_1@8	21.78
1.4MHz_Middle_16QAM_1@5	21.52	3MHz_Middle_16QAM_1@14	21.67
1.4MHz_Middle_16QAM_3@0	21.91	3MHz_Middle_16QAM_8@0	20.65
1.4MHz_Middle_16QAM_3@1	21.83	3MHz_Middle_16QAM_8@4	20.99
1.4MHz_Middle_16QAM_3@3	21.83	3MHz_Middle_16QAM_8@7	21
1.4MHz_Middle_16QAM_6@0	20.68	3MHz_Middle_16QAM_15@0	20.82
1.4MHz_High_QPSK_1@0	22.65	3MHz_High_QPSK_1@0	22.60
1.4MHz_High_QPSK_1@3	22.81	3MHz_High_QPSK_1@8	22.68
1.4MHz_High_QPSK_1@5	22.73	3MHz_High_QPSK_1@14	22.64
1.4MHz_High_QPSK_3@0	22.59	3MHz_High_QPSK_8@0	21.69
1.4MHz_High_QPSK_3@1	22.60	3MHz_High_QPSK_8@4	21.54
1.4MHz_High_QPSK_3@3	22.60	3MHz_High_QPSK_8@7	21.57
1.4MHz_High_QPSK_6@0	21.40	3MHz_High_QPSK_15@0	21.47
1.4MHz_High_16QAM_1@0	21.67	3MHz_High_16QAM_1@0	21.63
1.4MHz_High_16QAM_1@3	21.91	3MHz_High_16QAM_1@8	21.29
1.4MHz_High_16QAM_1@5	21.78	3MHz_High_16QAM_1@14	21.49
1.4MHz_High_16QAM_3@0	21.57	3MHz_High_16QAM_8@0	20.73
1.4MHz_High_16QAM_3@1	21.50	3MHz_High_16QAM_8@4	20.62
1.4MHz_High_16QAM_3@3	20.92	3MHz_High_16QAM_8@7	20.62
1.4MHz_High_16QAM_6@0	20.32	3MHz_High_16QAM_15@0	20.64

LTE Band 66

Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
5MHz_Low_QPSK_1@0	22.50	10MHz_Low_QPSK_1@0	22.77
5MHz_Low_QPSK_1@12	22.94	10MHz_Low_QPSK_1@25	22.91
5MHz_Low_QPSK_1@24	22.46	10MHz_Low_QPSK_1@49	22.99
5MHz_Low_QPSK_12@0	21.72	10MHz_Low_QPSK_25@0	21.72
5MHz_Low_QPSK_12@7	21.87	10MHz_Low_QPSK_25@12	21.77
5MHz_Low_QPSK_12@13	21.82	10MHz_Low_QPSK_25@25	21.75
5MHz_Low_QPSK_25@0	21.74	10MHz_Low_QPSK_50@0	21.73
5MHz_Low_16QAM_1@0	21.25	10MHz_Low_16QAM_1@0	21.52
5MHz_Low_16QAM_1@12	21.55	10MHz_Low_16QAM_1@25	21.51
5MHz_Low_16QAM_1@24	20.62	10MHz_Low_16QAM_1@49	21.55
5MHz_Low_16QAM_12@0	20.49	10MHz_Low_16QAM_25@0	20.94
5MHz_Low_16QAM_12@7	20.61	10MHz_Low_16QAM_25@12	20.98
5MHz_Low_16QAM_12@13	20.74	10MHz_Low_16QAM_25@25	20.74
5MHz_Low_16QAM_25@0	20.77	10MHz_Low_16QAM_50@0	20.69
5MHz_Middle_QPSK_1@0	22.51	10MHz_Middle_QPSK_1@0	22.68
5MHz_Middle_QPSK_1@12	22.91	10MHz_Middle_QPSK_1@25	22.77
5MHz_Middle_QPSK_1@24	22.61	10MHz_Middle_QPSK_1@49	22.85
5MHz_Middle_QPSK_12@0	21.68	10MHz_Middle_QPSK_25@0	21.63
5MHz_Middle_QPSK_12@7	21.62	10MHz_Middle_QPSK_25@12	21.71
5MHz_Middle_QPSK_12@13	21.62	10MHz_Middle_QPSK_25@25	21.71
5MHz_Middle_QPSK_25@0	21.77	10MHz_Middle_QPSK_50@0	21.78
5MHz_Middle_16QAM_1@0	21.34	10MHz_Middle_16QAM_1@0	21.80
5MHz_Middle_16QAM_1@12	21.33	10MHz_Middle_16QAM_1@25	22.46
5MHz_Middle_16QAM_1@24	20.99	10MHz_Middle_16QAM_1@49	21.82
5MHz_Middle_16QAM_12@0	20.69	10MHz_Middle_16QAM_25@0	20.78
5MHz_Middle_16QAM_12@7	20.76	10MHz_Middle_16QAM_25@12	20.68
5MHz_Middle_16QAM_12@13	20.61	10MHz_Middle_16QAM_25@25	20.82
5MHz_Middle_16QAM_25@0	20.84	10MHz_Middle_16QAM_50@0	20.84
5MHz_High_QPSK_1@0	22.60	10MHz_High_QPSK_1@0	22.51
5MHz_High_QPSK_1@12	22.77	10MHz_High_QPSK_1@25	22.82
5MHz_High_QPSK_1@24	22.01	10MHz_High_QPSK_1@49	22.53
5MHz_High_QPSK_12@0	21.60	10MHz_High_QPSK_25@0	21.41
5MHz_High_QPSK_12@7	21.62	10MHz_High_QPSK_25@12	21.61
5MHz_High_QPSK_12@13	21.59	10MHz_High_QPSK_25@25	21.59
5MHz_High_QPSK_25@0	21.58	10MHz_High_QPSK_50@0	21.63
5MHz_High_16QAM_1@0	21.53	10MHz_High_16QAM_1@0	21.39
5MHz_High_16QAM_1@12	21.85	10MHz_High_16QAM_1@25	21.81
5MHz_High_16QAM_1@24	20.99	10MHz_High_16QAM_1@49	21.48
5MHz_High_16QAM_12@0	20.46	10MHz_High_16QAM_25@0	20.63
5MHz_High_16QAM_12@7	20.44	10MHz_High_16QAM_25@12	20.68
5MHz_High_16QAM_12@13	20.33	10MHz_High_16QAM_25@25	20.64
5MHz_High_16QAM_25@0	20.64	10MHz_High_16QAM_50@0	20.53

LTE Band 66

Mode	Average Conducted Power (dBm)	Mode	Average Conducted Power (dBm)
15MHz_Low_QPSK_1@0	22.92	20MHz_Low_QPSK_1@0	22.44
15MHz_Low_QPSK_1@37	23.08	20MHz_Low_QPSK_1@49	22.78
15MHz_Low_QPSK_1@74	22.76	20MHz_Low_QPSK_1@99	22.44
15MHz_Low_QPSK_36@0	21.69	20MHz_Low_QPSK_50@0	21.82
15MHz_Low_QPSK_36@20	21.72	20MHz_Low_QPSK_50@24	21.79
15MHz_Low_QPSK_36@39	21.75	20MHz_Low_QPSK_50@50	21.79
15MHz_Low_QPSK_75@0	21.79	20MHz_Low_QPSK_100@0	21.83
15MHz_Low_16QAM_1@0	22	20MHz_Low_16QAM_1@0	21.46
15MHz_Low_16QAM_1@37	21.96	20MHz_Low_16QAM_1@49	21.50
15MHz_Low_16QAM_1@74	21.87	20MHz_Low_16QAM_1@99	21.42
15MHz_Low_16QAM_36@0	20.76	20MHz_Low_16QAM_50@0	20.66
15MHz_Low_16QAM_36@20	20.72	20MHz_Low_16QAM_50@24	20.67
15MHz_Low_16QAM_36@39	20.63	20MHz_Low_16QAM_50@50	20.45
15MHz_Low_16QAM_75@0	20.79	20MHz_Low_16QAM_100@0	20.70
15MHz_Middle_QPSK_1@0	23.01	20MHz_Middle_QPSK_1@0	22.52
15MHz_Middle_QPSK_1@37	23.25	20MHz_Middle_QPSK_1@49	22.90
15MHz_Middle_QPSK_1@74	22.70	20MHz_Middle_QPSK_1@99	22.50
15MHz_Middle_QPSK_36@0	21.74	20MHz_Middle_QPSK_50@0	21.76
15MHz_Middle_QPSK_36@20	21.69	20MHz_Middle_QPSK_50@24	21.82
15MHz_Middle_QPSK_36@39	21.65	20MHz_Middle_QPSK_50@50	21.70
15MHz_Middle_QPSK_75@0	21.64	20MHz_Middle_QPSK_100@0	21.71
15MHz_Middle_16QAM_1@0	21.95	20MHz_Middle_16QAM_1@0	21.43
15MHz_Middle_16QAM_1@37	22.54	20MHz_Middle_16QAM_1@49	21.88
15MHz_Middle_16QAM_1@74	21.67	20MHz_Middle_16QAM_1@99	21.50
15MHz_Middle_16QAM_36@0	20.66	20MHz_Middle_16QAM_50@0	20.66
15MHz_Middle_16QAM_36@20	20.74	20MHz_Middle_16QAM_50@24	20.87
15MHz_Middle_16QAM_36@39	20.62	20MHz_Middle_16QAM_50@50	20.75
15MHz_Middle_16QAM_75@0	20.69	20MHz_Middle_16QAM_100@0	20.67
15MHz_High_QPSK_1@0	22.75	20MHz_High_QPSK_1@0	22.55
15MHz_High_QPSK_1@37	22.79	20MHz_High_QPSK_1@49	22.78
15MHz_High_QPSK_1@74	22.59	20MHz_High_QPSK_1@99	22.53
15MHz_High_QPSK_36@0	21.56	20MHz_High_QPSK_50@0	21.53
15MHz_High_QPSK_36@20	21.59	20MHz_High_QPSK_50@24	21.49
15MHz_High_QPSK_36@39	21.58	20MHz_High_QPSK_50@50	21.57
15MHz_High_QPSK_75@0	21.63	20MHz_High_QPSK_100@0	21.54
15MHz_High_16QAM_1@0	21.92	20MHz_High_16QAM_1@0	21.04
15MHz_High_16QAM_1@37	21.76	20MHz_High_16QAM_1@49	21.16
15MHz_High_16QAM_1@74	21.03	20MHz_High_16QAM_1@99	21.16
15MHz_High_16QAM_36@0	20.65	20MHz_High_16QAM_50@0	20.57
15MHz_High_16QAM_36@20	20.63	20MHz_High_16QAM_50@24	20.59
15MHz_High_16QAM_36@39	20.55	20MHz_High_16QAM_50@50	20.50
15MHz_High_16QAM_75@0	20.68	20MHz_High_16QAM_100@0	20.56

Peak-to-average Ratio (PAR):

GSM850				
Test Mode	Peak-to-average Ratio(dB)			Limit (dB)
	Lowest Channel	Middle Channel	Highest Channel	
GSM	0.35	0.41	0.41	13
EDGE	0.41	0.41	0.41	13

PCS1900				
Test Mode	Peak-to-average Ratio(dB)			Limit (dB)
	Lowest Channel	Middle Channel	Highest Channel	
GSM	0.55	0.58	0.49	13
EDGE	0.58	0.64	0.67	13

WCDMA Band 2

Mode	Result (dB)	Limit (dB)
R99_Low	2.96	13
R99_Middle	2.99	13
R99_High	2.96	13
HSDPA_Low_Subtest1	3.62	13
HSDPA_Middle_Subtest1	3.28	13
HSDPA_High_Subtest1	3.62	13
HSUPA_Low_Subtest1	4.96	13
HSUPA_Middle_Subtest1	5.07	13
HSUPA_High_Subtest1	4.99	13

WCDMA Band 4

Mode	Result (dB)	Limit (dB)
R99_Low	2.84	13
R99_Middle	2.81	13
R99_High	3.42	13
HSDPA_Low_Subtest1	3.68	13
HSDPA_Middle_Subtest1	3.77	13
HSDPA_High_Subtest1	3.68	13
HSUPA_Low_Subtest1	4.93	13
HSUPA_Middle_Subtest1	4.87	13
HSUPA_High_Subtest1	4.87	13

WCDMA Band 5

Mode	Result (dB)	Limit (dB)
R99_Low	2.72	13
R99_Middle	2.93	13
R99_High	3.01	13
HSDPA_Low_Subtest1	3.57	13
HSDPA_Middle_Subtest2	3.71	13
HSDPA_High_Subtest1	3.83	13
HSUPA_Low_Subtest1	4.67	13
HSUPA_Middle_Subtest1	5.04	13
HSUPA_High_Subtest1	5.04	13

LTE Band 2

Mode	Result (dB)	Limit (dB)
1.4MHz_Middle_QPSK_1@0	4.43	13
1.4MHz_Middle_QPSK_6@0	4.96	13
1.4MHz_Middle_16QAM_1@0	5.22	13
1.4MHz_Middle_16QAM_6@0	5.86	13
3MHz_Middle_QPSK_1@0	4.43	13
3MHz_Middle_QPSK_15@0	4.84	13
3MHz_Middle_16QAM_1@0	5.16	13
3MHz_Middle_16QAM_15@0	5.86	13
5MHz_Middle_QPSK_1@0	4.43	13
5MHz_Middle_QPSK_25@0	4.72	13
5MHz_Middle_16QAM_1@0	5.30	13
5MHz_Middle_16QAM_25@0	5.74	13
10MHz_Middle_QPSK_1@0	4.35	13
10MHz_Middle_QPSK_50@0	4.81	13
10MHz_Middle_16QAM_1@0	5.07	13
10MHz_Middle_16QAM_50@0	5.77	13
15MHz_Middle_QPSK_1@0	4.26	13
15MHz_Middle_QPSK_75@0	4.41	13
15MHz_Middle_16QAM_1@0	5.07	13
15MHz_Middle_16QAM_75@0	5.68	13
20MHz_Middle_QPSK_1@0	4.38	13
20MHz_Middle_QPSK_100@0	3.91	13
20MHz_Middle_16QAM_1@0	5.07	13
20MHz_Middle_16QAM_100@0	5.68	13

LTE Band 4

Mode	Result (dB)	Limit (dB)
1.4MHz_Middle_QPSK_1@0	4.29	13
1.4MHz_Middle_QPSK_6@0	4.93	13
1.4MHz_Middle_16QAM_1@0	5.25	13
1.4MHz_Middle_16QAM_6@0	5.80	13
3MHz_Middle_QPSK_1@0	4.23	13
3MHz_Middle_QPSK_15@0	4.84	13
3MHz_Middle_16QAM_1@0	4.87	13
3MHz_Middle_16QAM_15@0	5.88	13
5MHz_Middle_QPSK_1@0	4.26	13
5MHz_Middle_QPSK_25@0	4.75	13
5MHz_Middle_16QAM_1@0	5.10	13
5MHz_Middle_16QAM_25@0	5.74	13
10MHz_Middle_QPSK_1@0	4.03	13
10MHz_Middle_QPSK_50@0	4.72	13
10MHz_Middle_16QAM_1@0	4.99	13
10MHz_Middle_16QAM_50@0	5.77	13
15MHz_Middle_QPSK_1@0	4.03	13
15MHz_Middle_QPSK_75@0	4.46	13
15MHz_Middle_16QAM_1@0	4.78	13
15MHz_Middle_16QAM_75@0	5.74	13
20MHz_Middle_QPSK_1@0	4.17	13
20MHz_Middle_QPSK_100@0	3.80	13
20MHz_Middle_16QAM_1@0	4.75	13
20MHz_Middle_16QAM_100@0	5.68	13

LTE Band 5

Mode	Result (dB)	Limit (dB)
1.4MHz_Middle_QPSK_1@0	5.39	13
1.4MHz_Middle_QPSK_6@0	5.59	13
1.4MHz_Middle_16QAM_1@0	5.77	13
1.4MHz_Middle_16QAM_6@0	6.61	13
3MHz_Middle_QPSK_1@0	4.96	13
3MHz_Middle_QPSK_15@0	5.45	13
3MHz_Middle_16QAM_1@0	5.71	13
3MHz_Middle_16QAM_15@0	6.38	13
5MHz_Middle_QPSK_1@0	5.13	13
5MHz_Middle_QPSK_25@0	5.30	13
5MHz_Middle_16QAM_1@0	5.74	13
5MHz_Middle_16QAM_25@0	6.20	13
10MHz_Middle_QPSK_1@0	4.64	13
10MHz_Middle_QPSK_50@0	5.28	13
10MHz_Middle_16QAM_1@0	5.13	13
10MHz_Middle_16QAM_50@0	6.23	13

LTE Band 7

Mode	Result (dB)	Limit (dB)
5MHz_Middle_QPSK_1@0	4.55	13
5MHz_Middle_QPSK_25@0	4.75	13
5MHz_Middle_16QAM_1@0	5.25	13
5MHz_Middle_16QAM_25@0	5.77	13
10MHz_Middle_QPSK_1@0	4.43	13
10MHz_Middle_QPSK_50@0	4.84	13
10MHz_Middle_16QAM_1@0	5.19	13
10MHz_Middle_16QAM_50@0	5.80	13
15MHz_Middle_QPSK_1@0	4.46	13
15MHz_Middle_QPSK_75@0	4.49	13
15MHz_Middle_16QAM_1@0	5.36	13
15MHz_Middle_16QAM_75@0	5.74	13
20MHz_Middle_QPSK_1@0	4.52	13
20MHz_Middle_QPSK_100@0	3.91	13
20MHz_Middle_16QAM_1@0	5.22	13
20MHz_Middle_16QAM_100@0	5.65	13

LTE Band 12

Mode	Result (dB)	Limit (dB)
1.4MHz_Middle_QPSK_1@0	3.86	13
1.4MHz_Middle_QPSK_6@0	5.16	13
1.4MHz_Middle_16QAM_1@0	4.64	13
1.4MHz_Middle_16QAM_6@0	6.20	13
3MHz_Middle_QPSK_1@0	3.91	13
3MHz_Middle_QPSK_15@0	5.01	13
3MHz_Middle_16QAM_1@0	4.67	13
3MHz_Middle_16QAM_15@0	6.14	13
5MHz_Middle_QPSK_1@0	3.83	13
5MHz_Middle_QPSK_25@0	4.93	13
5MHz_Middle_16QAM_1@0	4.64	13
5MHz_Middle_16QAM_25@0	5.97	13
10MHz_Middle_QPSK_1@0	3.80	13
10MHz_Middle_QPSK_50@0	4.99	13
10MHz_Middle_16QAM_1@0	4.49	13
10MHz_Middle_16QAM_50@0	6.03	13

LTE Band 13

Mode	Result (dB)	Limit (dB)
5MHz_Low_QPSK_1@0	3.62	13
5MHz_Low_QPSK_25@0	4.78	13
5MHz_Low_16QAM_1@0	4.23	13
5MHz_Low_16QAM_25@0	5.74	13
5MHz_High_QPSK_1@0	3.71	13
5MHz_High_QPSK_25@0	4.70	13
5MHz_High_16QAM_1@0	4.49	13
5MHz_High_16QAM_25@0	5.74	13
10MHz_Middle_QPSK_1@0	3.65	13
10MHz_Middle_QPSK_50@0	4.84	13
10MHz_Middle_16QAM_1@0	4.26	13
10MHz_Middle_16QAM_50@0	5.94	13

LTE Band 17

Mode	Result (dB)	Limit (dB)
5MHz_Middle_QPSK_1@0	4.64	13
5MHz_Middle_QPSK_25@0	4.84	13
5MHz_Middle_16QAM_1@0	5.42	13
5MHz_Middle_16QAM_25@0	5.88	13
10MHz_Middle_QPSK_1@0	4.61	13
10MHz_Middle_QPSK_50@0	4.93	13
10MHz_Middle_16QAM_1@0	5.51	13
10MHz_Middle_16QAM_50@0	5.97	13

LTE B26 2

Mode	Result (dB)	Limit (dB)
1.4MHz_Middle_QPSK_1@0	3.42	13
1.4MHz_Middle_QPSK_6@0	4.41	13
1.4MHz_Middle_16QAM_1@0	4.29	13
1.4MHz_Middle_16QAM_6@0	5.33	13
3MHz_Middle_QPSK_1@0	3.39	13
3MHz_Middle_QPSK_15@0	4.41	13
3MHz_Middle_16QAM_1@0	4.03	13
3MHz_Middle_16QAM_15@0	5.39	13
5MHz_Middle_QPSK_1@0	3.28	13
5MHz_Middle_QPSK_25@0	4.26	13
5MHz_Middle_16QAM_1@0	4.17	13
5MHz_Middle_16QAM_25@0	5.30	13
10MHz_Middle_QPSK_1@0	3.39	13
10MHz_Middle_QPSK_50@0	4.46	13
10MHz_Middle_16QAM_1@0	4.17	13
10MHz_Middle_16QAM_50@0	5.42	13
15MHz_Middle_QPSK_1@0	3.33	13
15MHz_Middle_QPSK_75@0	4.29	13
15MHz_Middle_16QAM_1@0	4.06	13
15MHz_Middle_16QAM_75@0	5.54	13

LTE Band 38

Mode	Result (dB)	Limit (dB)
5MHz_Middle_QPSK_1@0	4.17	13
5MHz_Middle_QPSK_25@0	4.84	13
5MHz_Middle_16QAM_1@0	5.04	13
5MHz_Middle_16QAM_25@0	5.97	13
10MHz_Middle_QPSK_1@0	4.03	13
10MHz_Middle_QPSK_50@0	4.84	13
10MHz_Middle_16QAM_1@0	4.58	13
10MHz_Middle_16QAM_50@0	5.88	13
15MHz_Middle_QPSK_1@0	3.97	13
15MHz_Middle_QPSK_75@0	4.72	13
15MHz_Middle_16QAM_1@0	6.09	13
15MHz_Middle_16QAM_75@0	5.80	13
20MHz_Middle_QPSK_1@0	4.38	13
20MHz_Middle_QPSK_100@0	3.91	13
20MHz_Middle_16QAM_1@0	5.39	13
20MHz_Middle_16QAM_100@0	5.68	13

LTE Band 41

Mode	Result (dB)	Limit (dB)
5MHz_Middle_QPSK_1@0	4.67	13
5MHz_Middle_QPSK_25@0	4.96	13
5MHz_Middle_16QAM_1@0	5.59	13
5MHz_Middle_16QAM_25@0	5.88	13
10MHz_Middle_QPSK_1@0	4.09	13
10MHz_Middle_QPSK_50@0	4.87	13
10MHz_Middle_16QAM_1@0	4.61	13
10MHz_Middle_16QAM_50@0	5.77	13
15MHz_Middle_QPSK_1@0	4.26	13
15MHz_Middle_QPSK_75@0	4.72	13
15MHz_Middle_16QAM_1@0	5.65	13
15MHz_Middle_16QAM_75@0	5.77	13
20MHz_Middle_QPSK_1@0	4.29	13
20MHz_Middle_QPSK_100@0	3.88	13
20MHz_Middle_16QAM_1@0	5.19	13
20MHz_Middle_16QAM_100@0	5.62	13

LTE Band 66

Mode	Result (dB)	Limit (dB)
1.4MHz_Middle_QPSK_1@0	4	13
1.4MHz_Middle_QPSK_6@0	4.64	13
1.4MHz_Middle_16QAM_1@0	4.67	13
1.4MHz_Middle_16QAM_6@0	5.68	13
3MHz_Middle_QPSK_1@0	3.97	13
3MHz_Middle_QPSK_15@0	4.58	13
3MHz_Middle_16QAM_1@0	4.84	13
3MHz_Middle_16QAM_15@0	5.71	13
5MHz_Middle_QPSK_1@0	4.03	13
5MHz_Middle_QPSK_25@0	4.52	13
5MHz_Middle_16QAM_1@0	4.84	13
5MHz_Middle_16QAM_25@0	5.57	13
10MHz_Middle_QPSK_1@0	3.83	13
10MHz_Middle_QPSK_50@0	4.52	13
10MHz_Middle_16QAM_1@0	4.58	13
10MHz_Middle_16QAM_50@0	5.57	13
15MHz_Middle_QPSK_1@0	3.77	13
15MHz_Middle_QPSK_75@0	4.20	13
15MHz_Middle_16QAM_1@0	4.41	13
15MHz_Middle_16QAM_75@0	5.59	13
20MHz_Middle_QPSK_1@0	4	13
20MHz_Middle_QPSK_100@0	3.80	13
20MHz_Middle_16QAM_1@0	4.96	13
20MHz_Middle_16QAM_100@0	5.65	13

Note: worst case.

EIRP/ERP:**GSM850**

Frequency (MHz)	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
GSM 850								
824.20	H	120.79	22.97	0.00	0.49	22.48	38.45	15.97
824.20	V	113.31	18.60	0.00	0.49	18.11	38.45	20.34
836.60	H	119.25	21.79	0.00	0.50	21.29	38.45	17.16
836.60	V	112.21	17.91	0.00	0.50	17.41	38.45	21.04
848.80	H	118.91	21.81	0.00	0.50	21.31	38.45	17.14
848.80	V	111.50	17.60	0.00	0.50	17.10	38.45	21.35
GPRS 850								
824.20	H	120.65	22.83	0.00	0.49	22.34	38.45	16.11
824.20	V	113.10	18.39	0.00	0.49	17.90	38.45	20.55
836.60	H	118.78	21.32	0.00	0.50	20.82	38.45	17.63
836.60	V	112.10	17.80	0.00	0.50	17.30	38.45	21.15
848.80	H	118.46	21.36	0.00	0.50	20.86	38.45	17.59
848.80	V	111.09	17.19	0.00	0.50	16.69	38.45	21.76
EDGE 850								
824.20	H	114.95	17.13	0.00	0.49	16.64	38.45	21.81
824.20	V	107.54	12.83	0.00	0.49	12.34	38.45	26.11
836.60	H	113.29	15.83	0.00	0.50	15.33	38.45	23.12
836.60	V	106.22	11.92	0.00	0.50	11.42	38.45	27.03
848.80	H	113.02	15.92	0.00	0.50	15.42	38.45	23.03
848.80	V	105.67	11.77	0.00	0.50	11.27	38.45	27.18

PCS 1900

Frequency (MHz)	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
GSM 1900								
1850.20	H	123.84	8.85	9.76	0.51	18.10	33.00	14.90
1850.20	V	119.73	4.01	9.76	0.51	13.26	33.00	19.74
1880.00	H	124.61	10.03	9.81	0.52	19.32	33.00	13.68
1880.00	V	119.89	4.98	9.81	0.52	14.27	33.00	18.73
1909.80	H	123.93	9.62	9.86	0.53	18.95	33.00	14.05
1909.80	V	120.02	5.64	9.86	0.53	14.97	33.00	18.03
GPRS 1900								
1850.20	H	123.41	8.42	9.76	0.51	17.67	33.00	15.33
1850.20	V	119.51	3.79	9.76	0.51	13.04	33.00	19.96
1880.00	H	124.48	9.90	9.81	0.52	19.19	33.00	13.81
1880.00	V	119.56	4.65	9.81	0.52	13.94	33.00	19.06
1909.80	H	123.68	9.37	9.86	0.53	18.70	33.00	14.30
1909.80	V	119.97	5.59	9.86	0.53	14.92	33.00	18.08
EDGE 1900								
1850.20	H	120.86	5.87	9.76	0.51	15.12	33.00	17.88
1850.20	V	116.98	1.26	9.76	0.51	10.51	33.00	22.49
1880.00	H	122.07	7.49	9.81	0.52	16.78	33.00	16.22
1880.00	V	117.13	2.22	9.81	0.52	11.51	33.00	21.49
1909.80	H	121.21	6.90	9.86	0.53	16.23	33.00	16.77
1909.80	V	117.45	3.07	9.86	0.53	12.40	33.00	20.60

WCDMA Band 2

Frequency (MHz)	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1852.40	H	117.30	2.34	9.76	0.51	11.59	33.00	21.41
1852.40	V	113.33	-2.33	9.76	0.51	6.92	33.00	26.08
1880.00	H	117.04	2.46	9.81	0.52	11.75	33.00	21.25
1880.00	V	112.55	-2.36	9.81	0.52	6.93	33.00	26.07
1907.60	H	116.40	2.09	9.85	0.53	11.41	33.00	21.59
1907.60	V	111.20	-3.17	9.85	0.53	6.15	33.00	26.85

WCDMA Band 4

Frequency (MHz)	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1712.40	H	118.55	2.60	9.54	0.46	11.68	30.00	18.32
1712.40	V	115.17	-1.54	9.54	0.46	7.54	30.00	22.46
1732.60	H	118.27	2.38	9.57	0.47	11.48	30.00	18.52
1732.60	V	115.15	-1.65	9.57	0.47	7.45	30.00	22.55
1752.60	H	117.85	2.02	9.60	0.48	11.14	30.00	18.86
1752.60	V	115.15	-1.74	9.60	0.48	7.38	30.00	22.62

WCDMA Band 5

Frequency (MHz)	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
826.40	H	111.58	13.82	0.00	0.50	13.32	38.45	25.13
826.40	V	105.99	11.36	0.00	0.50	10.86	38.45	27.59
836.60	H	111.13	13.67	0.00	0.50	13.17	38.45	25.28
836.60	V	104.84	10.54	0.00	0.50	10.04	38.45	28.41
846.60	H	110.38	13.22	0.00	0.50	12.72	38.45	25.73
846.60	V	104.27	10.30	0.00	0.50	9.80	38.45	28.65

LTE Band 2: 1RB was test

Frequency (MHz)	BW/ Modulation	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
				Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1850.70	1.4M_QPSK	H	117.62	2.63	9.76	0.51	11.88	33.00	21.12
1850.70		V	113.02	-2.69	9.76	0.51	6.56	33.00	26.44
1880.00		H	118.49	3.91	9.81	0.52	13.20	33.00	19.80
1880.00		V	113.48	-1.43	9.81	0.52	7.86	33.00	25.14
1909.30		H	117.25	2.94	9.85	0.53	12.26	33.00	20.74
1909.30		V	112.22	-2.16	9.85	0.53	7.16	33.00	25.84
1850.70	1.4M_16QAM	H	117.10	2.11	9.76	0.51	11.36	33.00	21.64
1850.70		V	112.07	-3.64	9.76	0.51	5.61	33.00	27.39
1880.00		H	117.58	3.00	9.81	0.52	12.29	33.00	20.71
1880.00		V	112.66	-2.25	9.81	0.52	7.04	33.00	25.96
1909.30		H	116.38	2.07	9.85	0.53	11.39	33.00	21.61
1909.30		V	111.65	-2.73	9.85	0.53	6.59	33.00	26.41
1851.50	3M_QPSK	H	117.12	2.15	9.76	0.51	11.40	33.00	21.60
1851.50		V	112.34	-3.34	9.76	0.51	5.91	33.00	27.09
1880.00		H	117.94	3.36	9.81	0.52	12.65	33.00	20.35
1880.00		V	112.82	-2.09	9.81	0.52	7.20	33.00	25.80
1908.50		H	116.73	2.42	9.85	0.53	11.74	33.00	21.26
1908.50		V	111.66	-2.72	9.85	0.53	6.60	33.00	26.40
1851.50	3M_16QAM	H	116.95	1.98	9.76	0.51	11.23	33.00	21.77
1851.50		V	112.39	-3.29	9.76	0.51	5.96	33.00	27.04
1880.00		H	117.70	3.12	9.81	0.52	12.41	33.00	20.59
1880.00		V	112.58	-2.33	9.81	0.52	6.96	33.00	26.04
1908.50		H	116.34	2.03	9.85	0.53	11.35	33.00	21.65
1908.50		V	111.60	-2.78	9.85	0.53	6.54	33.00	26.46
1852.50	5M_QPSK	H	116.84	1.88	9.76	0.51	11.13	33.00	21.87
1852.50		V	112.41	-3.25	9.76	0.51	6.00	33.00	27.00
1880.00		H	117.51	2.93	9.81	0.52	12.22	33.00	20.78
1880.00		V	112.57	-2.34	9.81	0.52	6.95	33.00	26.05
1907.50		H	116.45	2.14	9.85	0.53	11.46	33.00	21.54
1907.50		V	111.32	-3.05	9.85	0.53	6.27	33.00	26.73
1852.50	5M_16QAM	H	116.76	1.80	9.76	0.51	11.05	33.00	21.95
1852.50		V	112.07	-3.59	9.76	0.51	5.66	33.00	27.34
1880.00		H	117.72	3.14	9.81	0.52	12.43	33.00	20.57
1880.00		V	112.55	-2.36	9.81	0.52	6.93	33.00	26.07
1907.50		H	116.30	1.99	9.85	0.53	11.31	33.00	21.69
1907.50		V	111.38	-2.99	9.85	0.53	6.33	33.00	26.67
1855.00	10M_QPSK	H	116.16	1.23	9.77	0.51	10.49	33.00	22.51
1855.00		V	111.97	-3.62	9.77	0.51	5.64	33.00	27.36
1880.00		H	117.29	2.71	9.81	0.52	12.00	33.00	21.00
1880.00		V	112.41	-2.50	9.81	0.52	6.79	33.00	26.21
1905.00		H	115.81	1.50	9.85	0.53	10.82	33.00	22.18
1905.00		V	110.84	-3.53	9.85	0.53	5.79	33.00	27.21
1855.00	10M_16QAM	H	116.30	1.37	9.77	0.51	10.63	33.00	22.37
1855.00		V	111.92	-3.67	9.77	0.51	5.59	33.00	27.41
1880.00		H	117.07	2.49	9.81	0.52	11.78	33.00	21.22
1880.00		V	112.44	-2.47	9.81	0.52	6.82	33.00	26.18
1905.00		H	116.00	1.69	9.85	0.53	11.01	33.00	21.99
1905.00		V	110.81	-3.56	9.85	0.53	5.76	33.00	27.24

LTE Band 2: 1RB was test

Frequency (MHz)	BW/ Modulation	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
				Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1857.50	15M_QPSK	H	115.65	0.76	9.77	0.51	10.02	33.00	22.98
1857.50		V	111.21	-4.31	9.77	0.51	4.95	33.00	28.05
1880.00		H	116.54	1.96	9.81	0.52	11.25	33.00	21.75
1880.00		V	111.51	-3.40	9.81	0.52	5.89	33.00	27.11
1902.50		H	115.27	0.96	9.84	0.53	10.27	33.00	22.73
1902.50		V	110.57	-3.79	9.84	0.53	5.52	33.00	27.48
1857.50	15M_16QAM	H	115.74	0.85	9.77	0.51	10.11	33.00	22.89
1857.50		V	111.05	-4.47	9.77	0.51	4.79	33.00	28.21
1880.00		H	116.68	2.10	9.81	0.52	11.39	33.00	21.61
1880.00		V	111.53	-3.38	9.81	0.52	5.91	33.00	27.09
1902.50		H	115.36	1.05	9.84	0.53	10.36	33.00	22.64
1902.50		V	110.55	-3.81	9.84	0.53	5.50	33.00	27.50
1860.00	20M_QPSK	H	115.93	1.07	9.78	0.51	10.34	33.00	22.66
1860.00		V	111.05	-4.40	9.78	0.51	4.87	33.00	28.13
1880.00		H	116.96	2.38	9.81	0.52	11.67	33.00	21.33
1880.00		V	111.67	-3.24	9.81	0.52	6.05	33.00	26.95
1900.00		H	115.60	1.29	9.84	0.53	10.60	33.00	22.40
1900.00		V	110.36	-4.00	9.84	0.53	5.31	33.00	27.69
1860.00	20M_16QAM	H	115.71	0.85	9.78	0.51	10.12	33.00	22.88
1860.00		V	111.13	-4.32	9.78	0.51	4.95	33.00	28.05
1880.00		H	116.90	2.32	9.81	0.52	11.61	33.00	21.39
1880.00		V	111.94	-2.97	9.81	0.52	6.32	33.00	26.68
1900.00		H	115.38	1.07	9.84	0.53	10.38	33.00	22.62
1900.00		V	110.30	-4.06	9.84	0.53	5.25	33.00	27.75

LTE Band 4: 1RB was test

Frequency (MHz)	BW/ Modulation	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
				Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1710.70	1.4M_QPSK	H	119.27	3.31	9.54	0.46	12.39	30.00	17.61
1710.70		V	115.17	-1.54	9.54	0.46	7.54	30.00	22.46
1732.50		H	119.29	3.40	9.57	0.47	12.50	30.00	17.50
1732.50		V	116.18	-0.62	9.57	0.47	8.48	30.00	21.52
1754.30		H	119.04	3.22	9.61	0.48	12.35	30.00	17.65
1754.30		V	115.07	-1.82	9.61	0.48	7.31	30.00	22.69
1710.70	1.4M_16QAM	H	118.95	2.99	9.54	0.46	12.07	30.00	17.93
1710.70		V	114.90	-1.81	9.54	0.46	7.27	30.00	22.73
1732.50		H	118.70	2.81	9.57	0.47	11.91	30.00	18.09
1732.50		V	115.92	-0.88	9.57	0.47	8.22	30.00	21.78
1754.30		H	118.52	2.70	9.61	0.48	11.83	30.00	18.17
1754.30		V	114.40	-2.49	9.61	0.48	6.64	30.00	23.36
1711.50	3M_QPSK	H	118.37	2.42	9.54	0.46	11.50	30.00	18.50
1711.50		V	114.64	-2.07	9.54	0.46	7.01	30.00	22.99
1732.5		H	118.65	2.76	9.57	0.47	11.86	30.00	18.14
1732.50		V	115.55	-1.25	9.57	0.47	7.85	30.00	22.15
1753.50		H	118.39	2.57	9.61	0.48	11.70	30.00	18.30
1753.50		V	114.45	-2.44	9.61	0.48	6.69	30.00	23.31
1711.50	3M_16QAM	H	118.72	2.77	9.54	0.46	11.85	30.00	18.15
1711.50		V	114.50	-2.21	9.54	0.46	6.87	30.00	23.13
1732.5		H	118.59	2.70	9.57	0.47	11.80	30.00	18.20
1732.50		V	115.55	-1.25	9.57	0.47	7.85	30.00	22.15
1753.50		H	118.31	2.49	9.61	0.48	11.62	30.00	18.38
1753.50		V	114.23	-2.66	9.61	0.48	6.47	30.00	23.53
1712.50	5M_QPSK	H	118.65	2.70	9.54	0.46	11.78	30.00	18.22
1712.50		V	114.20	-2.51	9.54	0.46	6.57	30.00	23.43
1732.50		H	118.47	2.58	9.57	0.47	11.68	30.00	18.32
1732.50		V	115.19	-1.61	9.57	0.47	7.49	30.00	22.51
1752.50		H	118.42	2.59	9.60	0.48	11.71	30.00	18.29
1752.50		V	114.26	-2.63	9.60	0.48	6.49	30.00	23.51
1712.50	5M_16QAM	H	118.77	2.82	9.54	0.46	11.90	30.00	18.10
1712.50		V	114.44	-2.27	9.54	0.46	6.81	30.00	23.19
1732.50		H	118.70	2.81	9.57	0.47	11.91	30.00	18.09
1732.50		V	115.26	-1.54	9.57	0.47	7.56	30.00	22.44
1752.50		H	118.38	2.55	9.60	0.48	11.67	30.00	18.33
1752.50		V	114.57	-2.32	9.60	0.48	6.80	30.00	23.20
1715.00	10M_QPSK	H	117.95	2.01	9.54	0.46	11.09	30.00	18.91
1715.00		V	114.04	-2.68	9.54	0.46	6.40	30.00	23.60
1732.50		H	118.25	2.36	9.57	0.47	11.46	30.00	18.54
1732.50		V	114.99	-1.81	9.57	0.47	7.29	30.00	22.71
1750.00		H	117.98	2.14	9.60	0.48	11.26	30.00	18.74
1750.00		V	113.72	-3.16	9.60	0.48	5.96	30.00	24.04
1715.00	10M_16QAM	H	118.22	2.28	9.54	0.46	11.36	30.00	18.64
1715.00		V	113.90	-2.82	9.54	0.46	6.26	30.00	23.74
1732.50		H	117.94	2.05	9.57	0.47	11.15	30.00	18.85
1732.50		V	114.73	-2.07	9.57	0.47	7.03	30.00	22.97
1750.00		H	117.85	2.01	9.60	0.48	11.13	30.00	18.87
1750.00		V	113.76	-3.11	9.60	0.48	6.01	30.00	23.99

LTE Band 4: 1RB was test

Frequency (MHz)	BW/ Modulation	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
				Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1717.50	15M_QPSK	H	117.45	1.51	9.55	0.46	10.60	30.00	19.40
1717.50		V	113.30	-3.44	9.55	0.46	5.65	30.00	24.35
1732.50		H	117.66	1.77	9.57	0.47	10.87	30.00	19.13
1732.50		V	114.37	-2.43	9.57	0.47	6.67	30.00	23.33
1747.50		H	117.21	1.37	9.60	0.47	10.50	30.00	19.50
1747.50		V	113.13	-3.73	9.60	0.47	5.40	30.00	24.60
1717.50	15M_16QAM	H	117.29	1.35	9.55	0.46	10.44	30.00	19.56
1717.50		V	113.46	-3.28	9.55	0.46	5.81	30.00	24.19
1732.50		H	117.63	1.74	9.57	0.47	10.84	30.00	19.16
1732.50		V	114.30	-2.50	9.57	0.47	6.60	30.00	23.40
1747.50		H	117.38	1.54	9.60	0.47	10.67	30.00	19.33
1747.50		V	113.37	-3.49	9.60	0.47	5.64	30.00	24.36
1720.00	20M_QPSK	H	117.63	1.70	9.55	0.46	10.79	30.00	19.21
1720.00		V	113.63	-3.12	9.55	0.46	5.97	30.00	24.03
1732.50		H	117.63	1.74	9.57	0.47	10.84	30.00	19.16
1732.50		V	114.42	-2.38	9.57	0.47	6.72	30.00	23.28
1745.00		H	117.40	1.55	9.59	0.47	10.67	30.00	19.33
1745.00		V	113.37	-3.48	9.59	0.47	5.64	30.00	24.36
1720.00	20M_16QAM	H	117.74	1.81	9.55	0.46	10.90	30.00	19.10
1720.00		V	113.58	-3.17	9.55	0.46	5.92	30.00	24.08
1732.50		H	117.40	1.51	9.57	0.47	10.61	30.00	19.39
1732.50		V	114.26	-2.54	9.57	0.47	6.56	30.00	23.44
1745.00		H	117.27	1.42	9.59	0.47	10.54	30.00	19.46
1745.00		V	113.20	-3.65	9.59	0.47	5.47	30.00	24.53

LTE Band 5: 1RB was test

Frequency (MHz)	BW/ Modulation	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
				Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
824.70	1.4M_QPSK	H	110.72	12.91	0.00	0.49	12.42	38.45	26.03
824.70		V	105.07	10.38	0.00	0.49	9.89	38.45	28.56
836.50		H	110.58	13.12	0.00	0.50	12.62	38.45	25.83
836.50		V	104.91	10.61	0.00	0.50	10.11	38.45	28.34
848.30		H	109.97	12.86	0.00	0.50	12.36	38.45	26.09
848.30		V	104.57	10.65	0.00	0.50	10.15	38.45	28.30
824.70	1.4M_16QAM	H	110.53	12.72	0.00	0.49	12.23	38.45	26.22
824.70		V	104.81	10.12	0.00	0.49	9.63	38.45	28.82
836.50		H	110.49	13.03	0.00	0.50	12.53	38.45	25.92
836.50		V	104.57	10.27	0.00	0.50	9.77	38.45	28.68
848.30		H	109.69	12.58	0.00	0.50	12.08	38.45	26.37
848.30		V	104.11	10.19	0.00	0.50	9.69	38.45	28.76
825.50	3M_QPSK	H	110.07	12.29	0.00	0.50	11.79	38.45	26.66
825.50		V	104.14	9.48	0.00	0.50	8.98	38.45	29.47
836.50		H	109.62	12.16	0.00	0.50	11.66	38.45	26.79
836.50		V	103.97	9.67	0.00	0.50	9.17	38.45	29.28
847.50		H	109.27	12.13	0.00	0.50	11.63	38.45	26.82
847.50		V	104.01	10.07	0.00	0.50	9.57	38.45	28.88
825.50	3M_16QAM	H	110.00	12.22	0.00	0.50	11.72	38.45	26.73
825.50		V	104.33	9.67	0.00	0.50	9.17	38.45	29.28
836.50		H	109.73	12.27	0.00	0.50	11.77	38.45	26.68
836.50		V	104.40	10.10	0.00	0.50	9.60	38.45	28.85
847.50		H	109.08	11.94	0.00	0.50	11.44	38.45	27.01
847.50		V	103.98	10.04	0.00	0.50	9.54	38.45	28.91
826.50	5M_QPSK	H	109.75	12.00	0.00	0.50	11.50	38.45	26.95
826.50		V	104.42	9.79	0.00	0.50	9.29	38.45	29.16
836.50		H	110.04	12.58	0.00	0.50	12.08	38.45	26.37
836.50		V	104.33	10.03	0.00	0.50	9.53	38.45	28.92
846.50		H	109.14	11.97	0.00	0.50	11.47	38.45	26.98
846.50		V	103.98	10.01	0.00	0.50	9.51	38.45	28.94
826.50	5M_16QAM	H	109.97	12.22	0.00	0.50	11.72	38.45	26.73
826.50		V	104.35	9.72	0.00	0.50	9.22	38.45	29.23
836.50		H	109.65	12.19	0.00	0.50	11.69	38.45	26.76
836.50		V	103.96	9.66	0.00	0.50	9.16	38.45	29.29
846.50		H	109.32	12.15	0.00	0.50	11.65	38.45	26.80
846.50		V	103.94	9.97	0.00	0.50	9.47	38.45	28.98
829.00	10M_QPSK	H	109.28	11.60	0.00	0.50	11.10	38.45	27.35
829.00		V	103.64	9.09	0.00	0.50	8.59	38.45	29.86
836.50		H	109.42	11.96	0.00	0.50	11.46	38.45	26.99
836.50		V	103.58	9.28	0.00	0.50	8.78	38.45	29.67
844.00		H	108.79	11.55	0.00	0.50	11.05	38.45	27.40
844.00		V	103.34	9.28	0.00	0.50	8.78	38.45	29.67
829.00	10M_16QAM	H	109.59	11.91	0.00	0.50	11.41	38.45	27.04
829.00		V	103.60	9.05	0.00	0.50	8.55	38.45	29.90
836.50		H	109.17	11.71	0.00	0.50	11.21	38.45	27.24
836.50		V	103.46	9.16	0.00	0.50	8.66	38.45	29.79
844.00		H	108.85	11.61	0.00	0.50	11.11	38.45	27.34
844.00		V	103.25	9.19	0.00	0.50	8.69	38.45	29.76

LTE Band 7: 1RB was test

Frequency (MHz)	BW/ Modulation	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
				Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
2502.50	5M_QPSK	H	118.35	3.83	9.21	0.62	12.42	33.00	20.58
2502.50		V	115.28	0.45	9.21	0.62	9.04	33.00	23.96
2535.00		H	117.18	2.59	9.27	0.63	11.23	33.00	21.77
2535.00		V	114.36	-0.55	9.27	0.63	8.09	33.00	24.91
2567.50		H	117.61	2.94	9.34	0.63	11.65	33.00	21.35
2567.50		V	114.52	-0.47	9.34	0.63	8.24	33.00	24.76
2502.50	5M_16QAM	H	117.65	3.13	9.21	0.62	11.72	33.00	21.28
2502.50		V	114.67	-0.16	9.21	0.62	8.43	33.00	24.57
2535.00		H	116.50	1.91	9.27	0.63	10.55	33.00	22.45
2535.00		V	113.73	-1.18	9.27	0.63	7.46	33.00	25.54
2567.50		H	116.92	2.25	9.34	0.63	10.96	33.00	22.04
2567.50		V	113.70	-1.29	9.34	0.63	7.42	33.00	25.58
2505.00	10M_QPSK	H	117.16	2.64	9.21	0.62	11.23	33.00	21.77
2505.00		V	114.23	-0.60	9.21	0.62	7.99	33.00	25.01
2535.00		H	115.91	1.32	9.27	0.63	9.96	33.00	23.04
2535.00		V	113.00	-1.91	9.27	0.63	6.73	33.00	26.27
2565.00		H	116.25	1.59	9.33	0.63	10.29	33.00	22.71
2565.00		V	113.03	-1.95	9.33	0.63	6.75	33.00	26.25
2505.00	10M_16QAM	H	117.23	2.71	9.21	0.62	11.30	33.00	21.70
2505.00		V	114.26	-0.57	9.21	0.62	8.02	33.00	24.98
2535.00		H	116.11	1.52	9.27	0.63	10.16	33.00	22.84
2535.00		V	113.31	-1.60	9.27	0.63	7.04	33.00	25.96
2565.00		H	116.60	1.94	9.33	0.63	10.64	33.00	22.36
2565.00		V	113.48	-1.50	9.33	0.63	7.20	33.00	25.80
2507.50	15M_QPSK	H	116.60	2.07	9.22	0.62	10.67	33.00	22.33
2507.50		V	113.62	-1.22	9.22	0.62	7.38	33.00	25.62
2535.00		H	115.24	0.65	9.27	0.63	9.29	33.00	23.71
2535.00		V	112.50	-2.41	9.27	0.63	6.23	33.00	26.77
2562.50		H	116.10	1.45	9.33	0.63	10.15	33.00	22.85
2562.50		V	112.78	-2.20	9.33	0.63	6.50	33.00	26.50
2507.50	15M_16QAM	H	116.82	2.29	9.22	0.62	10.89	33.00	22.11
2507.50		V	113.62	-1.22	9.22	0.62	7.38	33.00	25.62
2535.00		H	115.62	1.03	9.27	0.63	9.67	33.00	23.33
2535.00		V	112.82	-2.09	9.27	0.63	6.55	33.00	26.45
2562.50		H	115.74	1.09	9.33	0.63	9.79	33.00	23.21
2562.50		V	112.53	-2.45	9.33	0.63	6.25	33.00	26.75
2510.00	20M_QPSK	H	116.57	2.04	9.22	0.62	10.64	33.00	22.36
2510.00		V	113.61	-1.24	9.22	0.62	7.36	33.00	25.64
2535.00		H	115.61	1.02	9.27	0.63	9.66	33.00	23.34
2535.00		V	112.59	-2.32	9.27	0.63	6.32	33.00	26.68
2560.00		H	115.65	1.00	9.32	0.63	9.69	33.00	23.31
2560.00		V	112.84	-2.13	9.32	0.63	6.56	33.00	26.44
2510.00	20M_16QAM	H	116.82	2.29	9.22	0.62	10.89	33.00	22.11
2510.00		V	113.55	-1.30	9.22	0.62	7.30	33.00	25.70
2535.00		H	115.37	0.78	9.27	0.63	9.42	33.00	23.58
2535.00		V	112.48	-2.43	9.27	0.63	6.21	33.00	26.79
2560.00		H	115.76	1.11	9.32	0.63	9.80	33.00	23.20
2560.00		V	112.76	-2.21	9.32	0.63	6.48	33.00	26.52

LTE Band 12: 1RB was test

Frequency (MHz)	BW/ Modulation	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
				Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
699.70	1.4M_QPSK	H	110.68	9.78	0.00	0.38	9.40	34.77	25.37
699.70		V	107.54	10.00	0.00	0.38	9.62	34.77	25.15
707.50		H	111.52	10.80	0.00	0.39	10.41	34.77	24.36
707.50		V	108.24	10.86	0.00	0.39	10.47	34.77	24.30
715.30		H	112.13	11.59	0.00	0.40	11.19	34.77	23.58
715.30		V	108.32	11.10	0.00	0.40	10.70	34.77	24.07
699.70	1.4M_16QAM	H	110.23	9.33	0.00	0.38	8.95	34.77	25.82
699.70		V	107.41	9.87	0.00	0.38	9.49	34.77	25.28
707.50		H	111.13	10.41	0.00	0.39	10.02	34.77	24.75
707.50		V	107.81	10.43	0.00	0.39	10.04	34.77	24.73
715.30		H	111.91	11.37	0.00	0.40	10.97	34.77	23.80
715.30		V	107.99	10.77	0.00	0.40	10.37	34.77	24.40
700.50	3M_QPSK	H	109.75	8.86	0.00	0.38	8.48	34.77	26.29
700.50		V	106.79	9.27	0.00	0.38	8.89	34.77	25.88
707.50		H	110.57	9.85	0.00	0.39	9.46	34.77	25.31
707.50		V	107.72	10.34	0.00	0.39	9.95	34.77	24.82
714.50		H	111.40	10.84	0.00	0.40	10.44	34.77	24.33
714.50		V	107.46	10.22	0.00	0.40	9.82	34.77	24.95
700.50	3M_16QAM	H	110.09	9.20	0.00	0.38	8.82	34.77	25.95
700.50		V	106.87	9.35	0.00	0.38	8.97	34.77	25.80
707.50		H	110.56	9.84	0.00	0.39	9.45	34.77	25.32
707.50		V	107.66	10.28	0.00	0.39	9.89	34.77	24.88
714.50		H	111.59	11.03	0.00	0.40	10.63	34.77	24.14
714.50		V	107.33	10.09	0.00	0.40	9.69	34.77	25.08
701.50	5M_QPSK	H	109.70	8.84	0.00	0.38	8.46	34.77	26.31
701.50		V	106.76	9.26	0.00	0.38	8.88	34.77	25.89
707.50		H	110.95	10.23	0.00	0.39	9.84	34.77	24.93
707.50		V	107.45	10.07	0.00	0.39	9.68	34.77	25.09
713.50		H	111.26	10.68	0.00	0.39	10.29	34.77	24.48
713.50		V	107.41	10.15	0.00	0.39	9.76	34.77	25.01
701.50	5M_16QAM	H	109.83	8.97	0.00	0.38	8.59	34.77	26.18
701.50		V	106.61	9.11	0.00	0.38	8.73	34.77	26.04
707.50		H	110.69	9.97	0.00	0.39	9.58	34.77	25.19
707.50		V	107.33	9.95	0.00	0.39	9.56	34.77	25.21
713.50		H	111.39	10.81	0.00	0.39	10.42	34.77	24.35
713.50		V	107.64	10.38	0.00	0.39	9.99	34.77	24.78
704.00	10M_QPSK	H	109.63	8.82	0.00	0.38	8.44	34.77	26.33
704.00		V	106.04	8.59	0.00	0.38	8.21	34.77	26.56
707.50		H	110.17	9.45	0.00	0.39	9.06	34.77	25.71
707.50		V	107.07	9.69	0.00	0.39	9.30	34.77	25.47
711.00		H	110.84	10.20	0.00	0.39	9.81	34.77	24.96
711.00		V	107.21	9.90	0.00	0.39	9.51	34.77	25.26
704.00	10M_16QAM	H	109.63	8.82	0.00	0.38	8.44	34.77	26.33
704.00		V	106.31	8.86	0.00	0.38	8.48	34.77	26.29
707.50		H	110.31	9.59	0.00	0.39	9.20	34.77	25.57
707.50		V	106.77	9.39	0.00	0.39	9.00	34.77	25.77
711.00		H	110.90	10.26	0.00	0.39	9.87	34.77	24.90
711.00		V	107.04	9.73	0.00	0.39	9.34	34.77	25.43

LTE Band 13: 1RB was test

Frequency (MHz)	BW/ Modulation	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
				Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
779.50	5M_QPSK	H	110.17	11.15	0.00	0.47	10.68	34.77	24.09
779.50		V	104.69	8.77	0.00	0.47	8.30	34.77	26.47
784.50		H	109.42	10.52	0.00	0.47	10.05	34.77	24.72
784.50		V	104.60	8.79	0.00	0.47	8.32	34.77	26.45
779.50	5M_16QAM	H	110.15	11.13	0.00	0.47	10.66	34.77	24.11
779.50		V	104.60	8.68	0.00	0.47	8.21	34.77	26.56
784.50		H	109.14	10.24	0.00	0.47	9.77	34.77	25.00
784.50		V	104.25	8.44	0.00	0.47	7.97	34.77	26.80
782.00	10M_QPSK	H	109.18	10.22	0.00	0.47	9.75	34.77	25.02
782.00		V	103.92	8.05	0.00	0.47	7.58	34.77	27.19
782.00	10M_16QAM	H	109.17	10.21	0.00	0.47	9.74	34.77	25.03
782.00		V	104.17	8.30	0.00	0.47	7.83	34.77	26.94

LTE Band 17: 1RB was test

Frequency (MHz)	BW/ Modulation	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
				Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
706.50	5M_QPSK	H	111.64	10.89	0.00	0.39	10.50	34.77	24.27
706.50		V	107.22	9.82	0.00	0.39	9.43	34.77	25.34
710.00		H	111.88	11.22	0.00	0.39	10.83	34.77	23.94
710.00		V	107.19	9.86	0.00	0.39	9.47	34.77	25.30
713.50		H	111.13	10.55	0.00	0.39	10.16	34.77	24.61
713.50		V	107.42	10.16	0.00	0.39	9.77	34.77	25.00
706.50	5M_16QAM	H	111.29	10.54	0.00	0.39	10.15	34.77	24.62
706.50		V	107.16	9.76	0.00	0.39	9.37	34.77	25.40
710.00		H	111.72	11.06	0.00	0.39	10.67	34.77	24.10
710.00		V	107.05	9.72	0.00	0.39	9.33	34.77	25.44
713.50		H	110.98	10.40	0.00	0.39	10.01	34.77	24.76
713.50		V	107.13	9.87	0.00	0.39	9.48	34.77	25.29
709.00	10M_QPSK	H	110.98	10.29	0.00	0.39	9.90	34.77	24.87
709.00		V	106.64	9.29	0.00	0.39	8.90	34.77	25.87
710.00		H	111.02	10.36	0.00	0.39	9.97	34.77	24.80
710.00		V	106.43	9.10	0.00	0.39	8.71	34.77	26.06
711.00		H	110.31	9.67	0.00	0.39	9.28	34.77	25.49
711.00		V	106.55	9.24	0.00	0.39	8.85	34.77	25.92
709.00	10M_16QAM	H	110.88	10.19	0.00	0.39	9.80	34.77	24.97
709.00		V	106.50	9.15	0.00	0.39	8.76	34.77	26.01
710.00		H	111.19	10.53	0.00	0.39	10.14	34.77	24.63
710.00		V	106.56	9.23	0.00	0.39	8.84	34.77	25.93
711.00		H	110.56	9.92	0.00	0.39	9.53	34.77	25.24
711.00		V	106.62	9.31	0.00	0.39	8.92	34.77	25.85

LTE Band 26 1(814-824MHz) : 1RB was test

Frequency (MHz)	BW/ Modulation	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
				Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
814.70	1.4M_QPSK	H	111.97	13.87	0.00	0.49	13.38	50.00	36.62
814.70		V	106.30	11.28	0.00	0.49	10.79	50.00	39.21
823.30		H	111.37	13.52	0.00	0.49	13.03	50.00	36.97
823.30		V	105.44	10.70	0.00	0.49	10.21	50.00	39.79
814.70	1.4M_16QAM	H	111.90	13.80	0.00	0.49	13.31	50.00	36.69
814.70		V	106.10	11.08	0.00	0.49	10.59	50.00	39.41
823.30		H	111.14	13.29	0.00	0.49	12.80	50.00	37.20
823.30		V	105.24	10.50	0.00	0.49	10.01	50.00	39.99
815.50	3M_QPSK	H	111.25	13.17	0.00	0.49	12.68	50.00	37.32
815.50		V	105.54	10.55	0.00	0.49	10.06	50.00	39.94
822.50		H	110.39	12.52	0.00	0.49	12.03	50.00	37.97
822.50		V	104.56	9.80	0.00	0.49	9.31	50.00	40.69
815.50	3M_16QAM	H	111.23	13.15	0.00	0.49	12.66	50.00	37.34
815.50		V	105.36	10.37	0.00	0.49	9.88	50.00	40.12
822.50		H	110.73	12.86	0.00	0.49	12.37	50.00	37.63
822.50		V	104.87	10.11	0.00	0.49	9.62	50.00	40.38
816.50	5M_QPSK	H	111.17	13.12	0.00	0.49	12.63	50.00	37.37
816.50		V	105.52	10.56	0.00	0.49	10.07	50.00	39.93
821.50		H	110.71	12.81	0.00	0.49	12.32	50.00	37.68
821.50		V	104.51	9.72	0.00	0.49	9.23	50.00	40.77
816.50	5M_16QAM	H	111.01	12.96	0.00	0.49	12.47	50.00	37.53
816.50		V	105.57	10.61	0.00	0.49	10.12	50.00	39.88
821.50		H	110.48	12.58	0.00	0.49	12.09	50.00	37.91
821.50		V	104.81	10.02	0.00	0.49	9.53	50.00	40.47
819.00	10M_QPSK	H	110.80	12.83	0.00	0.49	12.34	50.00	37.66
819.00		V	104.84	9.96	0.00	0.49	9.47	50.00	40.53
819.00	10M_16QAM	H	110.96	12.99	0.00	0.49	12.50	50.00	37.50
819.00		V	104.92	10.04	0.00	0.49	9.55	50.00	40.45
821.50	15M_QPSK	H	110.35	12.45	0.00	0.49	11.96	50.00	38.04
821.50		V	104.75	9.96	0.00	0.49	9.47	50.00	40.53
821.50	15M_16QAM	H	110.19	12.29	0.00	0.49	11.80	50.00	38.20
821.50		V	104.65	9.86	0.00	0.49	9.37	50.00	40.63

LTE Band 26 3(824MHz) : 1RB was test

Frequency (MHz)	BW/ Modulation	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
				Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
824.00	1.4M_QPSK	H	111.53	13.70	0.00	0.49	13.21	38.45	25.24
824.00		V	106.11	11.40	0.00	0.49	10.91	38.45	27.54
824.00	1.4M_16QAM	H	111.95	14.12	0.00	0.49	13.63	38.45	24.82
824.00		V	106.17	11.46	0.00	0.49	10.97	38.45	27.48
824.00	3M_QPSK	H	111.20	13.37	0.00	0.49	12.88	38.45	25.57
824.00		V	105.33	10.62	0.00	0.49	10.13	38.45	28.32
824.00	3M_16QAM	H	111.19	13.36	0.00	0.49	12.87	38.45	25.58
824.00		V	105.42	10.71	0.00	0.49	10.22	38.45	28.23
824.00	5M_QPSK	H	109.25	11.42	0.00	0.49	10.93	38.45	27.52
824.00		V	103.34	8.63	0.00	0.49	8.14	38.45	30.31
824.00	5M_16QAM	H	111.24	13.41	0.00	0.49	12.92	38.45	25.53
824.00		V	105.71	11.00	0.00	0.49	10.51	38.45	27.94
824.00	10M_QPSK	H	110.83	13.00	0.00	0.49	12.51	38.45	25.94
824.00		V	105.13	10.42	0.00	0.49	9.93	38.45	28.52
824.00	10M_16QAM	H	110.76	12.93	0.00	0.49	12.44	38.45	26.01
824.00		V	104.83	10.12	0.00	0.49	9.63	38.45	28.82
824.00	15M_QPSK	H	109.98	12.15	0.00	0.49	11.66	38.45	26.79
824.00		V	104.73	10.02	0.00	0.49	9.53	38.45	28.92
824.00	15M_16QAM	H	110.11	12.28	0.00	0.49	11.79	38.45	26.66
824.00		V	104.79	10.08	0.00	0.49	9.59	38.45	28.86

LTE Band 26 2(824-849MHz) : 1RB was test

Frequency (MHz)	BW/ Modulation	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
				Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
824.70	1.4M_QPSK	H	110.91	13.10	0.00	0.49	12.61	38.45	25.84
824.70		V	104.52	9.83	0.00	0.49	9.34	38.45	29.11
831.50		H	110.90	13.29	0.00	0.50	12.79	38.45	25.66
831.50		V	105.36	10.89	0.00	0.50	10.39	38.45	28.06
848.30		H	110.60	13.49	0.00	0.50	12.99	38.45	25.46
848.30		V	104.53	10.61	0.00	0.50	10.11	38.45	28.34
824.70	1.4M_16QAM	H	110.52	12.71	0.00	0.49	12.22	38.45	26.23
824.70		V	105.01	10.32	0.00	0.49	9.83	38.45	28.62
831.50		H	110.54	12.93	0.00	0.50	12.43	38.45	26.02
831.50		V	105.35	10.88	0.00	0.50	10.38	38.45	28.07
848.30		H	110.78	13.67	0.00	0.50	13.17	38.45	25.28
848.30		V	105.16	11.24	0.00	0.50	10.74	38.45	27.71
825.50	3M_QPSK	H	110.24	12.46	0.00	0.50	11.96	38.45	26.49
825.50		V	104.43	9.77	0.00	0.50	9.27	38.45	29.18
831.50		H	110.15	12.54	0.00	0.50	12.04	38.45	26.41
831.50		V	104.69	10.22	0.00	0.50	9.72	38.45	28.73
847.50		H	110.36	13.22	0.00	0.50	12.72	38.45	25.73
847.50		V	104.69	10.75	0.00	0.50	10.25	38.45	28.20
825.50	3M_16QAM	H	110.24	12.46	0.00	0.50	11.96	38.45	26.49
825.50		V	104.85	10.19	0.00	0.50	9.69	38.45	28.76
831.50		H	110.07	12.46	0.00	0.50	11.96	38.45	26.49
831.50		V	104.62	10.15	0.00	0.50	9.65	38.45	28.80
847.50		H	110.18	13.04	0.00	0.50	12.54	38.45	25.91
847.50		V	104.79	10.85	0.00	0.50	10.35	38.45	28.10

LTE Band 26 2(824-849MHz) : 1RB was test

Frequency (MHz)	BW/ Modulation	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
				Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
826.50	5M_QPSK	H	109.98	12.23	0.00	0.50	11.73	38.45	26.72
826.50		V	104.71	10.08	0.00	0.50	9.58	38.45	28.87
831.50		H	110.22	12.61	0.00	0.50	12.11	38.45	26.34
831.50		V	104.37	9.90	0.00	0.50	9.40	38.45	29.05
846.50		H	109.95	12.78	0.00	0.50	12.28	38.45	26.17
846.50		V	104.67	10.70	0.00	0.50	10.20	38.45	28.25
826.50	5M_16QAM	H	110.07	12.32	0.00	0.50	11.82	38.45	26.63
826.50		V	104.78	10.15	0.00	0.50	9.65	38.45	28.80
831.50		H	110.22	12.61	0.00	0.50	12.11	38.45	26.34
831.50		V	104.78	10.31	0.00	0.50	9.81	38.45	28.64
846.50		H	110.13	12.96	0.00	0.50	12.46	38.45	25.99
846.50		V	104.76	10.79	0.00	0.50	10.29	38.45	28.16
829.00	10M_QPSK	H	109.83	12.15	0.00	0.50	11.65	38.45	26.80
829.00		V	104.27	9.72	0.00	0.50	9.22	38.45	29.23
831.50		H	109.41	11.80	0.00	0.50	11.30	38.45	27.15
831.50		V	103.89	9.42	0.00	0.50	8.92	38.45	29.53
844.00		H	109.67	12.43	0.00	0.50	11.93	38.45	26.52
844.00		V	104.05	9.99	0.00	0.50	9.49	38.45	28.96
829.00	10M_16QAM	H	109.46	11.78	0.00	0.50	11.28	38.45	27.17
829.00		V	104.02	9.47	0.00	0.50	8.97	38.45	29.48
831.50		H	109.77	12.16	0.00	0.50	11.66	38.45	26.79
831.50		V	104.27	9.80	0.00	0.50	9.30	38.45	29.15
844.00		H	109.88	12.64	0.00	0.50	12.14	38.45	26.31
844.00		V	103.98	9.92	0.00	0.50	9.42	38.45	29.03
831.50	15M_QPSK	H	108.98	11.37	0.00	0.50	10.87	38.45	27.58
831.50		V	103.77	9.30	0.00	0.50	8.80	38.45	29.65
836.50		H	108.95	11.49	0.00	0.50	10.99	38.45	27.46
836.50		V	103.57	9.27	0.00	0.50	8.77	38.45	29.68
841.50		H	109.23	11.92	0.00	0.50	11.42	38.45	27.03
841.50		V	103.57	9.43	0.00	0.50	8.93	38.45	29.52
831.50	15M_16QAM	H	109.29	11.68	0.00	0.50	11.18	38.45	27.27
831.50		V	103.49	9.02	0.00	0.50	8.52	38.45	29.93
836.50		H	109.38	11.92	0.00	0.50	11.42	38.45	27.03
836.50		V	103.76	9.46	0.00	0.50	8.96	38.45	29.49
841.50		H	109.21	11.90	0.00	0.50	11.40	38.45	27.05
841.50		V	103.49	9.35	0.00	0.50	8.85	38.45	29.60

LTE Band 38: 1RB was test

Frequency (MHz)	BW/ Modulation	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
				Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
2572.50	5M_QPSK	H	118.18	3.50	9.35	0.64	12.21	33.00	20.79
2572.50		V	113.64	-1.36	9.35	0.64	7.35	33.00	25.65
2595.00		H	118.87	4.14	9.39	0.64	12.89	33.00	20.11
2595.00		V	114.17	-0.89	9.39	0.64	7.86	33.00	25.14
2617.50		H	118.81	4.07	9.44	0.65	12.86	33.00	20.14
2617.50		V	113.53	-1.58	9.44	0.65	7.21	33.00	25.79
2572.50	5M_16QAM	H	118.15	3.47	9.35	0.64	12.18	33.00	20.82
2572.50		V	113.18	-1.82	9.35	0.64	6.89	33.00	26.11
2595.00		H	118.43	3.70	9.39	0.64	12.45	33.00	20.55
2595.00		V	113.67	-1.39	9.39	0.64	7.36	33.00	25.64
2617.50		H	118.49	3.75	9.44	0.65	12.54	33.00	20.46
2617.50		V	113.20	-1.91	9.44	0.65	6.88	33.00	26.12
2575.00	10M_QPSK	H	117.61	2.93	9.35	0.64	11.64	33.00	21.36
2575.00		V	112.84	-2.17	9.35	0.64	6.54	33.00	26.46
2595.00		H	118.32	3.59	9.39	0.64	12.34	33.00	20.66
2595.00		V	113.33	-1.73	9.39	0.64	7.02	33.00	25.98
2615.00		H	118.09	3.35	9.43	0.65	12.13	33.00	20.87
2615.00		V	112.56	-2.54	9.43	0.65	6.24	33.00	26.76
2575.00	10M_16QAM	H	117.48	2.80	9.35	0.64	11.51	33.00	21.49
2575.00		V	112.97	-2.04	9.35	0.64	6.67	33.00	26.33
2595.00		H	118.06	3.33	9.39	0.64	12.08	33.00	20.92
2595.00		V	113.41	-1.65	9.39	0.64	7.10	33.00	25.90
2615.00		H	117.89	3.15	9.43	0.65	11.93	33.00	21.07
2615.00		V	112.79	-2.31	9.43	0.65	6.47	33.00	26.53
2577.50	15M_QPSK	H	116.32	1.63	9.36	0.64	10.35	33.00	22.65
2577.50		V	111.84	-3.17	9.36	0.64	5.55	33.00	27.45
2595.00		H	116.96	2.23	9.39	0.64	10.98	33.00	22.02
2595.00		V	112.36	-2.70	9.39	0.64	6.05	33.00	26.95
2612.50		H	116.86	2.12	9.43	0.64	10.91	33.00	22.09
2612.50		V	111.93	-3.17	9.43	0.64	5.62	33.00	27.38
2577.50	15M_16QAM	H	116.42	1.73	9.36	0.64	10.45	33.00	22.55
2577.50		V	111.89	-3.12	9.36	0.64	5.60	33.00	27.40
2595.00		H	117.26	2.53	9.39	0.64	11.28	33.00	21.72
2595.00		V	112.41	-2.65	9.39	0.64	6.10	33.00	26.90
2612.50		H	117.21	2.47	9.43	0.64	11.26	33.00	21.74
2612.50		V	111.72	-3.38	9.43	0.64	5.41	33.00	27.59
2580.00	20M_QPSK	H	116.51	1.82	9.36	0.64	10.54	33.00	22.46
2580.00		V	111.87	-3.15	9.36	0.64	5.57	33.00	27.43
2595.00		H	117.01	2.28	9.39	0.64	11.03	33.00	21.97
2595.00		V	112.17	-2.89	9.39	0.64	5.86	33.00	27.14
2610.00		H	116.89	2.15	9.42	0.64	10.93	33.00	22.07
2610.00		V	111.90	-3.19	9.42	0.64	5.59	33.00	27.41
2580.00	20M_16QAM	H	116.39	1.70	9.36	0.64	10.42	33.00	22.58
2580.00		V	111.80	-3.22	9.36	0.64	5.50	33.00	27.50
2595.00		H	116.89	2.16	9.39	0.64	10.91	33.00	22.09
2595.00		V	112.28	-2.78	9.39	0.64	5.97	33.00	27.03
2610.00		H	116.98	2.24	9.42	0.64	11.02	33.00	21.98
2610.00		V	111.97	-3.12	9.42	0.64	5.66	33.00	27.34

LTE Band 41: 1RB was test

Frequency (MHz)	BW/ Modulation	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
				Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
2498.50	5M_QPSK	H	118.36	3.84	9.20	0.62	12.42	33.00	20.58
2498.50		V	114.48	-0.34	9.20	0.62	8.24	33.00	24.76
2593.00		H	119.18	4.46	9.39	0.64	13.21	33.00	19.79
2593.00		V	114.81	-0.24	9.39	0.64	8.51	33.00	24.49
2687.50		H	118.41	3.68	9.58	0.66	12.60	33.00	20.40
2687.50		V	114.19	-1.07	9.58	0.66	7.85	33.00	25.15
2498.50	5M_16QAM	H	117.90	3.38	9.20	0.62	11.96	33.00	21.04
2498.50		V	114.10	-0.72	9.20	0.62	7.86	33.00	25.14
2593.00		H	119.01	4.29	9.39	0.64	13.04	33.00	19.96
2593.00		V	114.46	-0.59	9.39	0.64	8.16	33.00	24.84
2687.50		H	118.26	3.53	9.58	0.66	12.45	33.00	20.55
2687.50		V	114.01	-1.25	9.58	0.66	7.67	33.00	25.33
2501.00	10M_QPSK	H	117.70	3.19	9.20	0.62	11.77	33.00	21.23
2501.00		V	113.62	-1.20	9.20	0.62	7.38	33.00	25.62
2593.00		H	118.24	3.52	9.39	0.64	12.27	33.00	20.73
2593.00		V	114.11	-0.94	9.39	0.64	7.81	33.00	25.19
2685.00		H	117.75	3.02	9.57	0.66	11.93	33.00	21.07
2685.00		V	113.56	-1.70	9.57	0.66	7.21	33.00	25.79
2501.00	10M_16QAM	H	117.64	3.13	9.20	0.62	11.71	33.00	21.29
2501.00		V	113.54	-1.28	9.20	0.62	7.30	33.00	25.70
2593.00		H	118.57	3.85	9.39	0.64	12.60	33.00	20.40
2593.00		V	114.11	-0.94	9.39	0.64	7.81	33.00	25.19
2685.00		H	117.41	2.68	9.57	0.66	11.59	33.00	21.41
2685.00		V	113.56	-1.70	9.57	0.66	7.21	33.00	25.79
2503.50	15M_QPSK	H	116.66	2.14	9.21	0.62	10.73	33.00	22.27
2503.50		V	112.56	-2.27	9.21	0.62	6.32	33.00	26.68
2593.00		H	117.43	2.71	9.39	0.64	11.46	33.00	21.54
2593.00		V	113.29	-1.76	9.39	0.64	6.99	33.00	26.01
2682.50		H	116.84	2.11	9.57	0.66	11.02	33.00	21.98
2682.50		V	112.31	-2.94	9.57	0.66	5.97	33.00	27.03
2503.50	15M_16QAM	H	116.46	1.94	9.21	0.62	10.53	33.00	22.47
2503.50		V	112.84	-1.99	9.21	0.62	6.60	33.00	26.40
2593.00		H	117.54	2.82	9.39	0.64	11.57	33.00	21.43
2593.00		V	113.17	-1.88	9.39	0.64	6.87	33.00	26.13
2682.50		H	116.56	1.83	9.57	0.66	10.74	33.00	22.26
2682.50		V	112.49	-2.76	9.57	0.66	6.15	33.00	26.85
2506.00	20M_QPSK	H	116.68	2.16	9.21	0.62	10.75	33.00	22.25
2506.00		V	112.50	-2.33	9.21	0.62	6.26	33.00	26.74
2593.00		H	117.29	2.57	9.39	0.64	11.32	33.00	21.68
2593.00		V	113.08	-1.97	9.39	0.64	6.78	33.00	26.22
2680.00		H	116.87	2.14	9.56	0.66	11.04	33.00	21.96
2680.00		V	112.49	-2.76	9.56	0.66	6.14	33.00	26.86
2506.00	20M_16QAM	H	116.70	2.18	9.21	0.62	10.77	33.00	22.23
2506.00		V	112.75	-2.08	9.21	0.62	6.51	33.00	26.49
2593.00		H	117.22	2.50	9.39	0.64	11.25	33.00	21.75
2593.00		V	112.81	-2.24	9.39	0.64	6.51	33.00	26.49
2680.00		H	116.80	2.07	9.56	0.66	10.97	33.00	22.03
2680.00		V	112.28	-2.97	9.56	0.66	5.93	33.00	27.07

LTE Band 66: 1RB was test

Frequency (MHz)	BW/ Modulation	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
				Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1710.70	1.4M_QPSK	H	120.22	4.26	9.54	0.46	13.34	30.00	16.66
1710.70		V	116.30	-0.41	9.54	0.46	8.67	30.00	21.33
1745.00		H	119.19	3.34	9.59	0.47	12.46	30.00	17.54
1745.00		V	116.13	-0.72	9.59	0.47	8.40	30.00	21.60
1779.30		H	119.99	4.25	9.65	0.48	13.42	30.00	16.58
1779.30		V	116.31	-0.69	9.65	0.48	8.48	30.00	21.52
1710.70	1.4M_16QAM	H	120.00	4.04	9.54	0.46	13.12	30.00	16.88
1710.70		V	116.26	-0.45	9.54	0.46	8.63	30.00	21.37
1745.00		H	118.79	2.94	9.59	0.47	12.06	30.00	17.94
1745.00		V	115.96	-0.89	9.59	0.47	8.23	30.00	21.77
1779.30		H	119.67	3.93	9.65	0.48	13.10	30.00	16.90
1779.30		V	116.02	-0.98	9.65	0.48	8.19	30.00	21.81
1711.50	3M_QPSK	H	119.48	3.53	9.54	0.46	12.61	30.00	17.39
1711.50		V	115.79	-0.92	9.54	0.46	8.16	30.00	21.84
1745.00		H	118.20	2.35	9.59	0.47	11.47	30.00	18.53
1745.00		V	115.34	-1.51	9.59	0.47	7.61	30.00	22.39
1778.50		H	119.31	3.56	9.65	0.48	12.73	30.00	17.27
1778.50		V	115.40	-1.60	9.65	0.48	7.57	30.00	22.43
1711.50	3M_16QAM	H	119.60	3.65	9.54	0.46	12.73	30.00	17.27
1711.50		V	115.73	-0.98	9.54	0.46	8.10	30.00	21.90
1745.00		H	118.39	2.54	9.59	0.47	11.66	30.00	18.34
1745.00		V	115.17	-1.68	9.59	0.47	7.44	30.00	22.56
1778.50		H	119.42	3.67	9.65	0.48	12.84	30.00	17.16
1778.50		V	115.54	-1.46	9.65	0.48	7.71	30.00	22.29
1712.50	5M_QPSK	H	119.56	3.61	9.54	0.46	12.69	30.00	17.31
1712.50		V	115.38	-1.33	9.54	0.46	7.75	30.00	22.25
1745.00		H	118.20	2.35	9.59	0.47	11.47	30.00	18.53
1745.00		V	115.17	-1.68	9.59	0.47	7.44	30.00	22.56
1777.50		H	119.30	3.55	9.64	0.48	12.71	30.00	17.29
1777.50		V	115.38	-1.61	9.64	0.48	7.55	30.00	22.45
1712.50	5M_16QAM	H	119.65	3.70	9.54	0.46	12.78	30.00	17.22
1712.50		V	115.59	-1.12	9.54	0.46	7.96	30.00	22.04
1745.00		H	118.44	2.59	9.59	0.47	11.71	30.00	18.29
1745.00		V	115.55	-1.30	9.59	0.47	7.82	30.00	22.18
1777.50		H	119.49	3.74	9.64	0.48	12.90	30.00	17.10
1777.50		V	115.78	-1.21	9.64	0.48	7.95	30.00	22.05
1715.00	10M_QPSK	H	118.94	3.00	9.54	0.46	12.08	30.00	17.92
1715.00		V	115.13	-1.59	9.54	0.46	7.49	30.00	22.51
1745.00		H	118.09	2.24	9.59	0.47	11.36	30.00	18.64
1745.00		V	114.72	-2.13	9.59	0.47	6.99	30.00	23.01
1775.00		H	118.74	2.98	9.64	0.48	12.14	30.00	17.86
1775.00		V	115.20	-1.78	9.64	0.48	7.38	30.00	22.62
1715.00	10M_16QAM	H	118.72	2.78	9.54	0.46	11.86	30.00	18.14
1715.00		V	115.21	-1.51	9.54	0.46	7.57	30.00	22.43
1745.00		H	118.01	2.16	9.59	0.47	11.28	30.00	18.72
1745.00		V	114.99	-1.86	9.59	0.47	7.26	30.00	22.74
1775.00		H	118.63	2.87	9.64	0.48	12.03	30.00	17.97
1775.00		V	114.92	-2.06	9.64	0.48	7.10	30.00	22.90

LTE Band 66: 1RB was test

Frequency (MHz)	BW/ Modulation	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
				Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1717.50	15M_QPSK	H	118.42	2.48	9.55	0.46	11.57	30.00	18.43
1717.50		V	114.67	-2.07	9.55	0.46	7.02	30.00	22.98
1745.00		H	117.23	1.38	9.59	0.47	10.50	30.00	19.50
1745.00		V	114.38	-2.47	9.59	0.47	6.65	30.00	23.35
1772.50		H	118.00	2.23	9.64	0.48	11.39	30.00	18.61
1772.50		V	114.58	-2.39	9.64	0.48	6.77	30.00	23.23
1717.50	15M_16QAM	H	118.39	2.45	9.55	0.46	11.54	30.00	18.46
1717.50		V	114.71	-2.03	9.55	0.46	7.06	30.00	22.94
1745.00		H	117.64	1.79	9.59	0.47	10.91	30.00	19.09
1745.00		V	114.27	-2.58	9.59	0.47	6.54	30.00	23.46
1772.50		H	118.35	2.58	9.64	0.48	11.74	30.00	18.26
1772.50		V	114.74	-2.23	9.64	0.48	6.93	30.00	23.07
1720.00	20M_QPSK	H	118.67	2.74	9.55	0.46	11.83	30.00	18.17
1720.00		V	114.67	-2.08	9.55	0.46	7.01	30.00	22.99
1745.00		H	117.58	1.73	9.59	0.47	10.85	30.00	19.15
1745.00		V	114.16	-2.69	9.59	0.47	6.43	30.00	23.57
1770.00		H	118.20	2.43	9.63	0.48	11.58	30.00	18.42
1770.00		V	114.57	-2.39	9.63	0.48	6.76	30.00	23.24
1720.00	20M_16QAM	H	118.41	2.48	9.55	0.46	11.57	30.00	18.43
1720.00		V	114.30	-2.45	9.55	0.46	6.64	30.00	23.36
1745.00		H	117.58	1.73	9.59	0.47	10.85	30.00	19.15
1745.00		V	114.50	-2.35	9.59	0.47	6.77	30.00	23.23
1770.00		H	118.47	2.70	9.63	0.48	11.85	30.00	18.15
1770.00		V	114.74	-2.22	9.63	0.48	6.93	30.00	23.07

Note:

- 1) The unit of Antenna Gain is dBd for frequency below 1GHz, and the unit of Antenna Gain is dBi for frequency above 1GHz.
- 2) Absolute Level = Substituted Level - Cable loss + Antenna Gain
- 3) Margin = Limit-Absolute Level

4.2 Occupied Bandwidth:

4.2.1 Applicable Standard

FCC §22.917

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

(b) Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a reference bandwidth as follows:

(1) In the spectrum below 1 GHz, instrumentation should employ a reference bandwidth of 100 kHz or greater. In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy, provided that the measured power is integrated over the full required reference bandwidth (i.e., 100 kHz or 1 percent of emission bandwidth, as specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

(2) In the spectrum above 1 GHz, instrumentation should employ a reference bandwidth of 1 MHz

FCC §24.238

The rules in this section govern the spectral characteristics of emissions in the Broadband Personal Communications Service.

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

(b) Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 MHz or 1 percent of emission bandwidth, as specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

(c) Alternative out of band emission limit. Licensees in this service may establish an alternative out of band emission limit to be used at specified band edge(s) in specified geographical areas, in lieu of that set forth in this section, pursuant to a private contractual arrangement of all affected licensees and applicants. In this event, each party to such contract shall maintain a copy of the contract in their station files and disclose it to prospective assignees or transferees and, upon request, to the FCC.

(d) Interference caused by out of band emissions. If any emission from a transmitter operating in this service results in interference to users of another radio service, the FCC may require a greater attenuation of that emission than specified in this section.

FCC §27.53

(a) For operations in the 2305-2320 MHz band and the 2345-2360 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power P (with

averaging performed only during periods of transmission) within the licensed band(s) of operation, in watts, by the following amounts:

(4) For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:

(i) By a factor of not less than: $43 + 10 \log (P)$ dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log (P)$ dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than $61 + 10 \log (P)$ dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than $67 + 10 \log (P)$ dB on all frequencies between 2328 and 2337 MHz;

(ii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2300 and 2305 MHz, $55 + 10 \log (P)$ dB on all frequencies between 2296 and 2300 MHz, $61 + 10 \log (P)$ dB on all frequencies between 2292 and 2296 MHz, $67 + 10 \log (P)$ dB on all frequencies between 2288 and 2292 MHz, and $70 + 10 \log (P)$ dB below 2288 MHz;

(iii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2360 and 2365 MHz, and not less than $70 + 10 \log (P)$ dB above 2365 MHz.

(c) For operations in the 746-758 MHz band and the 776-788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On any frequency outside the 746-758 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB;

(2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB;

(3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $76 + 10 \log (P)$ dB in a 6.25 kHz band segment, for base and fixed stations;

(4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $65 + 10 \log (P)$ dB in a 6.25 kHz band segment, for mobile and portable stations;

(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed;

(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

(f) For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

(g) For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or

greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

(h) AWS emission limits

(1) **General protection levels.** Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10} (P)$ dB.

(m)(4) For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

FCC §90.691

(a) Out-of-band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $116 \log_{10}(f/6.1)$ decibels or $50 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

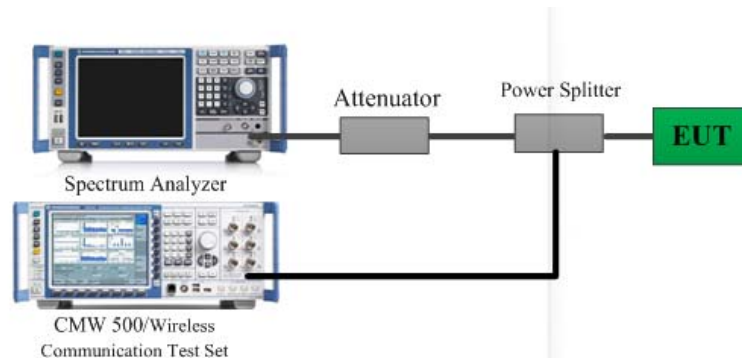
(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

(b) When an emission outside of the authorized bandwidth causes harmful interference, the Commission may, at its discretion, require greater attenuation than specified in this section.

FCC §90.543

(c) Out-of-band emission limit. On any frequency outside of the frequency ranges covered by the ACP tables in this section, the power of any emission must be reduced below the mean output power (P) by at least $43 + 10 \log (P)$ dB measured in a 100 kHz bandwidth for frequencies less than 1 GHz, and in a 1 MHz bandwidth for frequencies greater than 1 GHz.

4.2.2 Test Setup Block



Note: The Insertion loss of the RF cable and Power Splitter was offset into the Reading of Spectrum Analyzer.

4.2.3 Test Procedure

According to ANSI C63.26-2015 Section 5.4.4

The OBW is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission.

The following procedure shall be used for measuring (99%) power bandwidth:

a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be set wide enough to capture all modulation products including the emission skirts (typically a span of $1.5 \times \text{OBW}$ is sufficient).

b) The nominal IF filter 3 dB bandwidth (RBW) shall be in the range of 1% to 5% of the anticipated OBW, and the VBW shall be set $\geq 3 \times \text{RBW}$.

c) Set the reference level of the instrument as required to prevent the signal amplitude from exceeding the maximum spectrum analyzer input mixer level for linear operation. See guidance provided in 4.2.3.

NOTE—Step a), step b), and step c) may require iteration to adjust within the specified tolerances.

d) Set the detection mode to peak, and the trace mode to max-hold.

e) If the instrument does not have a 99% OBW function, recover the trace data points and sum directly in linear power terms. Place the recovered amplitude data points, beginning at the lowest frequency, in a running sum until 0.5% of the total is reached. Record that frequency as the lower OBW frequency. Repeat the process until 99.5% of the total is reached and record that frequency as the upper OBW frequency. The 99% power OBW can be determined by computing the difference these two frequencies.

f) The OBW shall be reported and plot(s) of the measuring instrument display shall be provided with the test report. The frequency and amplitude axis and scale shall be clearly labeled. Tabular data can be reported in addition to the plot(s).

4.2.4 Test Results**For 2G:**

Serial Number:	38S5-2	Test Date:	2025/9/18
Test Site:	RF	Test Mode:	Transmitting
Tester:	Loge Long	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	26.8	Relative Humidity: (%)	68	ATM Pressure: (kPa)	100.5
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101947	2025/7/28	2026/7/27
Micro-Coax	Coaxial Cable	UFB205A	323308-024	2025/6/1	2026/5/31
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM502	2025/6/6	2026/6/5
HUBER+SUHNER	Coaxial Attenuator	6610_SMA-50-1	0064	2025/6/6	2026/6/5
Mini-Circuits	Coaxial Power Splitters & Combiner	ZFRSC-183-S+	SF448201614	2025/2/25	2026/2/24
Agilent	Wireless Communication Test Set	E5515C	MY50266471	2025/7/28	2026/7/27

* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:**GSM 850:**

Operation Mode	99% Occupied Bandwidth (MHz)			26 dB Occupied Bandwidth (MHz)		
	Low Channel	Middle channel	High Channel	Low Channel	Middle Channel	High Channel
GSM	0.243	0.245	0.245	0.321	0.32	0.318
EDGE	0.243	0.243	0.243	0.321	0.318	0.317

Note: The test plots please refer to the Plots of Occupied Bandwidth

PCS 1900:

Operation Mode	99% Occupied Bandwidth (MHz)			26 dB Occupied Bandwidth (MHz)		
	Low Channel	Middle channel	High Channel	Low Channel	Middle Channel	High Channel
GSM	0.245	0.245	0.242	0.316	0.314	0.316
EDGE	0.245	0.243	0.245	0.326	0.318	0.321

Note: The test plots please refer to the Plots of Occupied Bandwidth

For 3G/4G:

Please refer to the attachment Appendix A, B.

Test Plots:
GSM850:

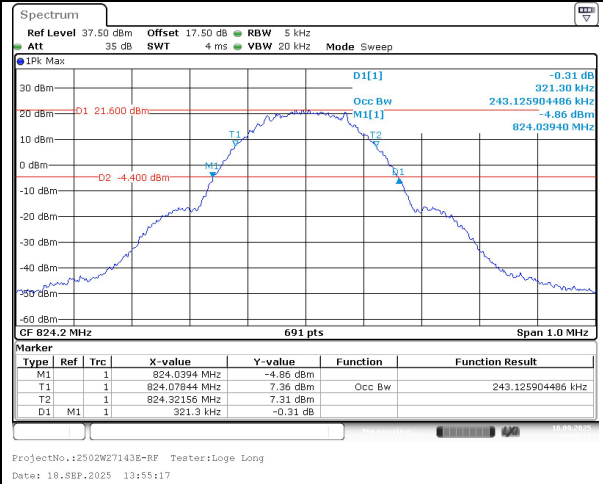
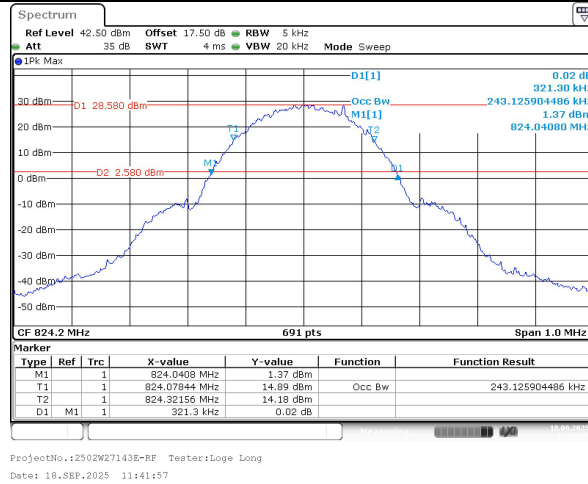
Occupied Bandwidth

Channel

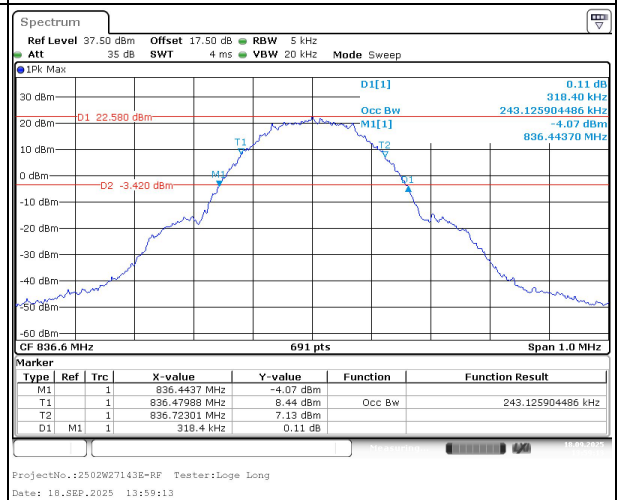
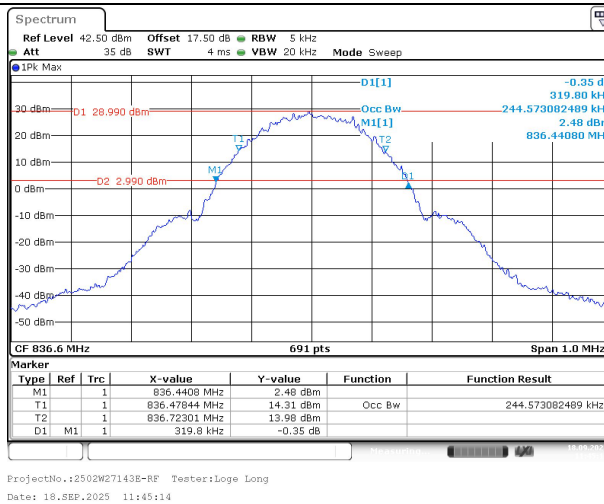
GSM

EDGE

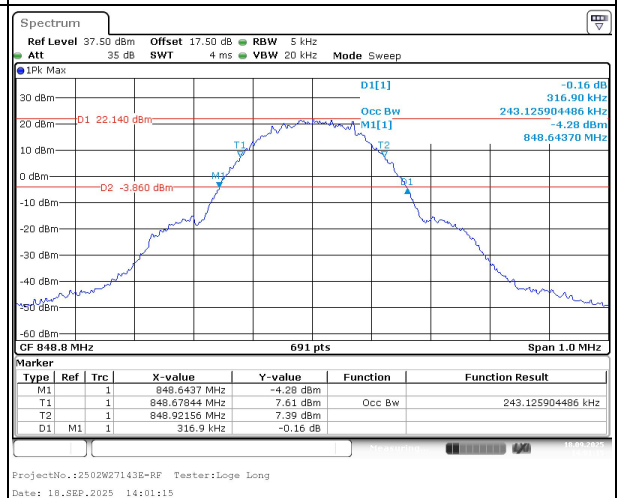
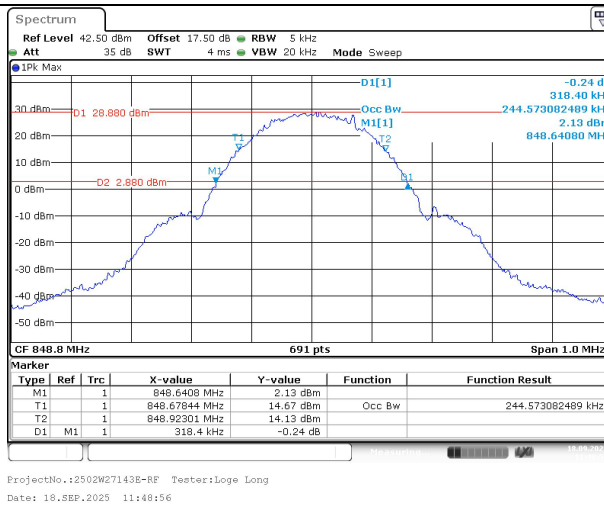
Lowest



Middle

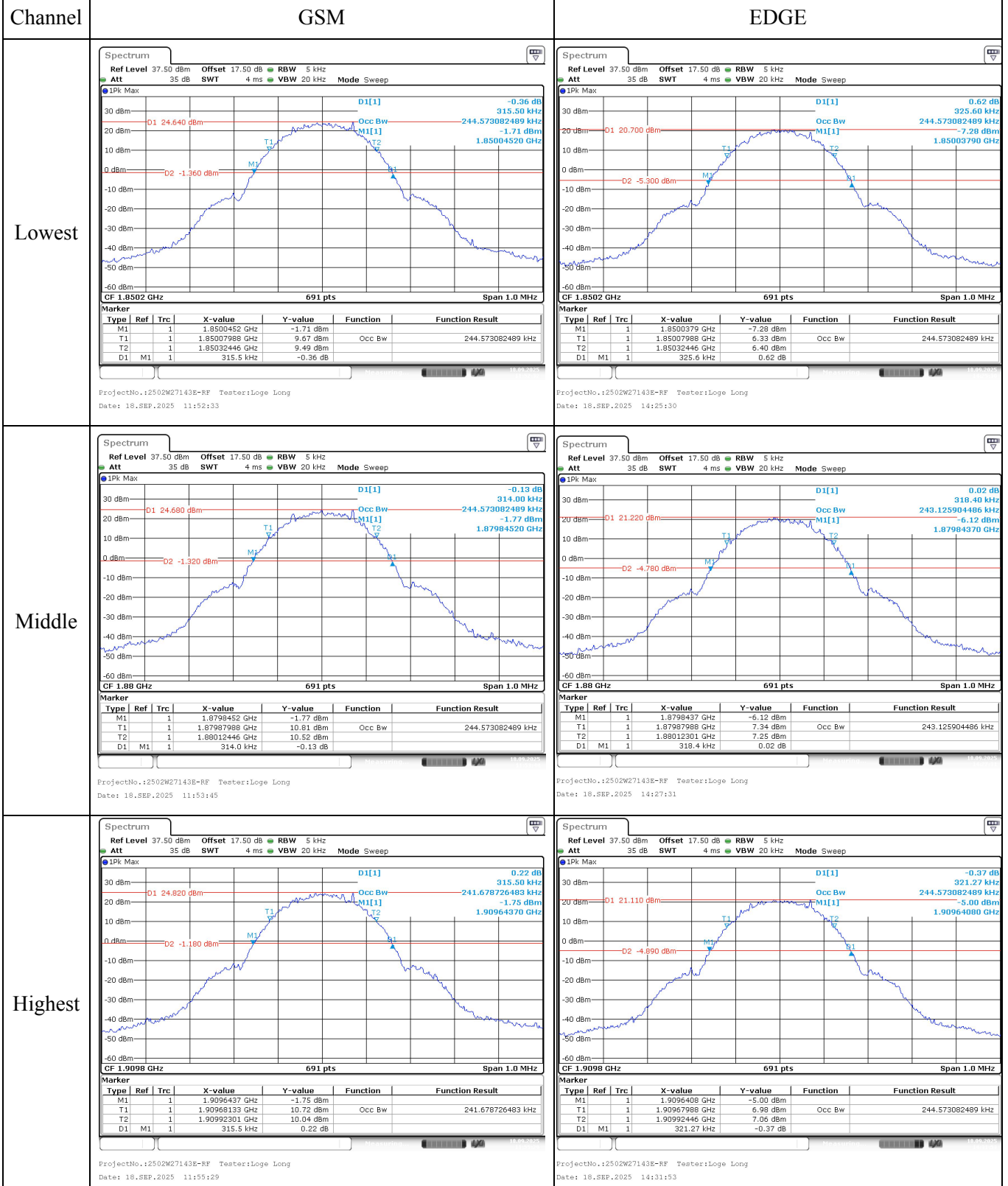


Highest



PCS 1900:

Occupied Bandwidth



4.3 Frequency stability:

4.3.1 Applicable Standard

FCC §22.355

Except as otherwise provided in this part, the carrier frequency of each transmitter in the Public Mobile Services must be maintained within the tolerances given in Table C-1 of this section.

Table C-1 - Frequency Tolerance for Transmitters in the Public Mobile Services

Frequency range (MHz)	Base, fixed (ppm)	Mobile >3 watts (ppm)	Mobile ≤3 watts (ppm)
25 to 50	20	20	50
50 to 450	5	5	50
450 to 512	2.5	5	5
821 to 896	1.5	2.5	2.5
928 to 929	5	n/a	n/a
929 to 960	1.5	n/a	n/a
2110 to 2220	10	n/a	n/a

FCC §24.235

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

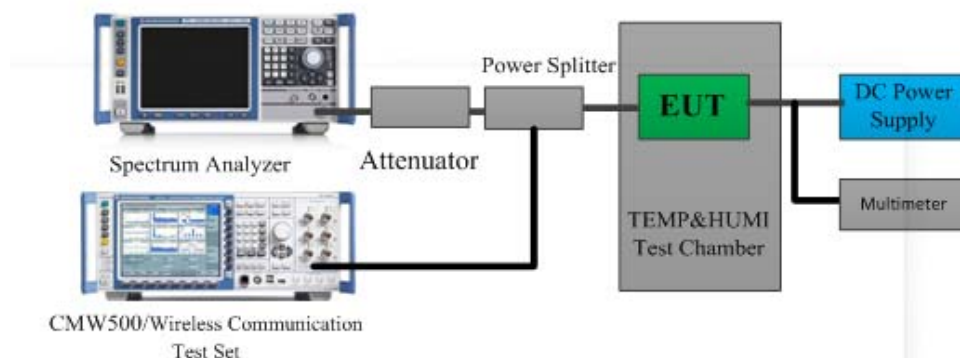
FCC §27.54

The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

FCC §90.213

809-824 MHz band, 2.5ppm for 2W or less output power.

4.3.2 Test Setup Block



Note: The Insertion loss of the RF cable and Power Splitter was offset into the Reading of Spectrum Analyzer.

4.3.3 Test Procedure

According to ANSI C63.26-2015 Section 5.6:

Frequency stability is a measure of the frequency drift due to temperature and supply voltage variations, with reference to the frequency measured at +20 °C and rated supply voltage.

The operating carrier frequency shall be set up in accordance with the manufacturer's published operation and instruction manual prior to the commencement of these tests. No adjustment of any frequency determining circuit element shall be made subsequent to this initial set-up. Frequency stability is tested:

- a) At 10 °C intervals of temperatures between –30 °C and +50 °C at the manufacturer's rated supply voltage, and
- b) At +20 °C temperature and ±15% supply voltage variations. If a product is specified to operate over a range of input voltage then the –15% variation is applied to the lowermost voltage and the +15% is applied to the uppermost voltage.

During the test all necessary settings, adjustments and control of the EUT have to be performed without disturbing the test environment, i.e., without opening the environmental chamber. The frequency stabilities can be maintained to a lesser temperature range provided that the transmitter is automatically inhibited from operating outside the lesser temperature range. For handheld equipment that is only capable of operating from internal batteries and the supply voltage cannot be varied, the frequency stability tests shall be performed at the nominal battery voltage and the battery end point voltage specified by the manufacturer. An external supply voltage can be used and set at the internal battery nominal voltage, and again at the battery operating end point voltage which shall be specified by the equipment manufacturer.

If an unmodulated carrier is not available, the mean frequency of a modulated carrier can be obtained by using a frequency counter with gating time set to an appropriately large multiple of bit periods (gating time depending on the required accuracy). Full details on the choice of values shall be included in the test report.

4.2.4 Test Results**For 2G:**

Serial Number:	38S5-2	Test Date:	2025/9/18
Test Site:	RF	Test Mode:	Transmitting
Tester:	Loge Long	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	26.8	Relative Humidity: (%)	68	ATM Pressure: (kPa)	100.5
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101947	2025/7/28	2026/7/27
Micro-Coax	Coaxial Cable	UFB205A	323308-024	2025/6/1	2026/5/31
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM502	2025/6/6	2026/6/5
HUBER+SUHNER	Coaxial Attenuator	6610_SMA-50-1	0064	2025/6/6	2026/6/5
Mini-Circuits	Coaxial Power Splitters & Combiner	ZFRSC-183-S+	SF448201614	2025/2/25	2026/2/24
Agilent	Wireless Communication Test Set	E5515C	MY50266471	2025/7/28	2026/7/27
GLOBAL	TEMP&HUMI Test Chamber	BTH-150-40	30173	2025/8/1	2026/7/31
All-sun	Multimeter	EM305A	8348897	2025/8/18	2026/8/17
TDK-Lambda	DC Power Supply	Z+60-14	F-08-EM038-1	N/A	N/A

** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

GSM 850:

Frequency Stability					
Test Modulation:	GSM		Test Channel:	836.6	MHz
Test Item	Temperature (°C)	Voltage (V _{DC})	Frequency Error		Limit
			(Hz)	(ppm)	(ppm)
Frequency Stability vs. Temperature	-30	3.85	5.88	0.007	2.5
	-20	3.85	-9.25	-0.011	2.5
	-10	3.85	-4.79	-0.006	2.5
	0	3.85	3.29	0.004	2.5
	10	3.85	0.46	0.001	2.5
	20	3.85	-1.81	-0.002	2.5
	30	3.85	1.07	0.001	2.5
	40	3.85	8.69	0.010	2.5
	50	3.85	-1.82	-0.002	2.5
Frequency Stability vs. Voltage	20	3.45	-5.62	-0.007	2.5
	20	4.4	-9.16	-0.011	2.5
				Result:	Pass

Test Modulation:	8PSK		Test Channel:	836.6	MHz
Test Item	Temperature (°C)	Voltage (V _{DC})	Frequency Error		Limit
			(Hz)	(ppm)	(ppm)
Frequency Stability vs. Temperature	-30	3.85	6.93	0.008	2.5
	-20	3.85	1.5	0.002	2.5
	-10	3.85	9.94	0.012	2.5
	0	3.85	2.94	0.004	2.5
	10	3.85	-8.44	-0.010	2.5
	20	3.85	1.2	0.001	2.5
	30	3.85	-0.55	-0.001	2.5
	40	3.85	7.06	0.008	2.5
	50	3.85	-9.91	-0.012	2.5
Frequency Stability vs. Voltage	20	3.45	6.36	0.008	2.5
	20	4.4	8.37	0.010	2.5
				Result:	Pass

PCS 1900:

Frequency Stability						
Test Mode:	GSM	Test Channel: Lowest for Lower Edge, Highest for Upper Edge				
Test Item	Temperature (°C)	Voltage (V _{DC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
Frequency Stability vs. Temperature	-30	3.85	1850.055	1850.000	1909.914	1910.000
	-20	3.85	1850.073	1850.000	1909.905	1910.000
	-10	3.85	1850.058	1850.000	1909.908	1910.000
	0	3.85	1850.070	1850.000	1909.896	1910.000
	10	3.85	1850.061	1850.000	1909.908	1910.000
	20	3.85	1850.079	1850.000	1909.923	1910.000
	30	3.85	1850.106	1850.000	1909.944	1910.000
	40	3.85	1850.097	1850.000	1909.944	1910.000
	50	3.85	1850.103	1850.000	1909.935	1910.000
Frequency Stability vs. Voltage	20	3.45	1850.097	1850.000	1909.941	1910.000
	20	4.4	1850.100	1850.000	1909.944	1910.000
					Result:	Pass

Test Mode:	8PSK	Test Channel: Lowest for Lower Edge, Highest for Upper Edge				
Test Item	Temperature (°C)	Voltage (V _{DC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
Frequency Stability vs. Temperature	-30	3.85	1850.047	1850.000	1909.903	1910.000
	-20	3.85	1850.059	1850.000	1909.909	1910.000
	-10	3.85	1850.071	1850.000	1909.903	1910.000
	0	3.85	1850.065	1850.000	1909.915	1910.000
	10	3.85	1850.056	1850.000	1909.906	1910.000
	20	3.85	1850.080	1850.000	1909.924	1910.000
	30	3.85	1850.086	1850.000	1909.933	1910.000
	40	3.85	1850.095	1850.000	1909.927	1910.000
	50	3.85	1850.092	1850.000	1909.939	1910.000
Frequency Stability vs. Voltage	20	3.45	1850.095	1850.000	1909.939	1910.000
	20	4.4	1850.092	1850.000	1909.942	1910.000
					Result:	Pass

For 3G/4G:

Please refer to the attachment Appendix A, B.

4.4 Transmitter unwanted emissions-at antenna terminals

4.4.1 Applicable Standard

FCC §22.917

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

(b) Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a reference bandwidth as follows:

(1) In the spectrum below 1 GHz, instrumentation should employ a reference bandwidth of 100 kHz or greater. In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy, provided that the measured power is integrated over the full required reference bandwidth (i.e., 100 kHz or 1 percent of emission bandwidth, as specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

(2) In the spectrum above 1 GHz, instrumentation should employ a reference bandwidth of 1 MHz

FCC §24.238

The rules in this section govern the spectral characteristics of emissions in the Broadband Personal Communications Service.

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

(b) Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 MHz or 1 percent of emission bandwidth, as specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

(c) Alternative out of band emission limit. Licensees in this service may establish an alternative out of band emission limit to be used at specified band edge(s) in specified geographical areas, in lieu of that set forth in this section, pursuant to a private contractual arrangement of all affected licensees and applicants. In this event, each party to such contract shall maintain a copy of the contract in their station files and disclose it to prospective assignees or transferees and, upon request, to the FCC.

(d) Interference caused by out of band emissions. If any emission from a transmitter operating in this service results in interference to users of another radio service, the FCC may require a greater attenuation of that emission than specified in this section.

FCC §27.53

(a) For operations in the 2305-2320 MHz band and the 2345-2360 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power P (with averaging performed only during periods of transmission) within the licensed band(s) of operation, in watts, by the following amounts:

(4) For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:

(i) By a factor of not less than: $43 + 10 \log (P)$ dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log (P)$ dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than $61 + 10 \log (P)$ dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than $67 + 10 \log (P)$ dB on all frequencies between 2328 and 2337 MHz;

(ii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2300 and 2305 MHz, $55 + 10 \log (P)$ dB on all frequencies between 2296 and 2300 MHz, $61 + 10 \log (P)$ dB on all frequencies between 2292 and 2296 MHz, $67 + 10 \log (P)$ dB on all frequencies between 2288 and 2292 MHz, and 70 + $10 \log (P)$ dB below 2288 MHz;

(iii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2360 and 2365 MHz, and not less than $70 + 10 \log (P)$ dB above 2365 MHz.

(c) For operations in the 746-758 MHz band and the 776-788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On any frequency outside the 746-758 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB;

(2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB;

(3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $76 + 10 \log (P)$ dB in a 6.25 kHz band segment, for base and fixed stations;

(4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $65 + 10 \log (P)$ dB in a 6.25 kHz band segment, for mobile and portable stations;

(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed;

(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

(f) For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

(g) For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

(h) AWS emission limits

(1) **General protection levels.** Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ dB.

(m)(4) For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log(P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log(P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log(P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log(P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log(P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

FCC §90.691

(a) Out-of-band emission requirement shall apply only to the “outer” channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $116 \log_{10}(f/6.1)$ decibels or $50 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

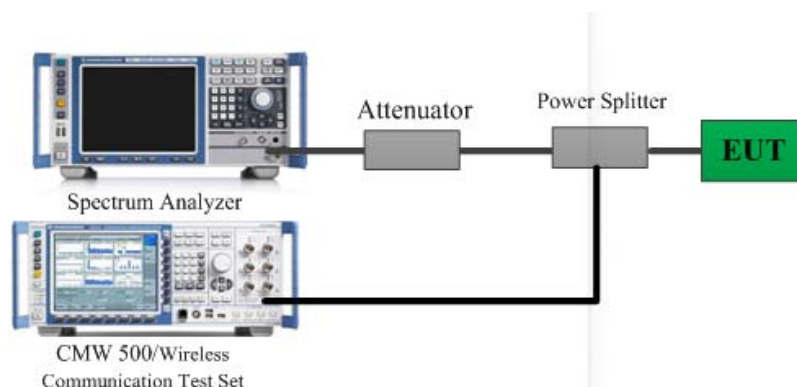
(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

(b) When an emission outside of the authorized bandwidth causes harmful interference, the Commission may, at its discretion, require greater attenuation than specified in this section.

FCC §90.543

(c) Out-of-band emission limit. On any frequency outside of the frequency ranges covered by the ACP tables in this section, the power of any emission must be reduced below the mean output power (P) by at least $43 + 10 \log(P)$ dB measured in a 100 kHz bandwidth for frequencies less than 1 GHz, and in a 1 MHz bandwidth for frequencies greater than 1 GHz.

4.4.2 Test Setup Block



Note: The Insertion loss of the RF cable and Power Splitter was offset into the Reading of Spectrum Analyzer.

4.4.3 Test Procedure

According to ANSI C63.26-2015 Section 5.7.4:

the applicable rule part specifies the reference bandwidth for measuring unwanted emission levels (typically, 100 kHz if the authorized frequency band/block is at or below 1 GHz and 1 MHz if the authorized frequency band/block is above 1 GHz),⁸ effectively depicting the unwanted emission limit in terms of a power spectral density. In those cases where no reference bandwidth is explicitly specified, the values in the preceding sentence should be used.

4.4.4 Test Results

For 2G:

Serial Number:	38S5-2	Test Date:	2025/9/18
Test Site:	RF	Test Mode:	Transmitting
Tester:	Loge Long	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	26.8	Relative Humidity: (%)	68	ATM Pressure: (kPa)	100.5
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101947	2025/7/28	2026/7/27
Micro-Coax	Coaxial Cable	UFB205A	323308-024	2025/6/1	2026/5/31
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM502	2025/6/6	2026/6/5
HUBER+SUHNER	Coaxial Attenuator	6610_SMA-50-1	0064	2025/6/6	2026/6/5
Mini-Circuits	Coaxial Power Splitters & Combiner	ZFRSC-183-S+	SF448201614	2025/2/25	2026/2/24
Agilent	Wireless Communication Test Set	E5515C	MY50266471	2025/7/28	2026/7/27

* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

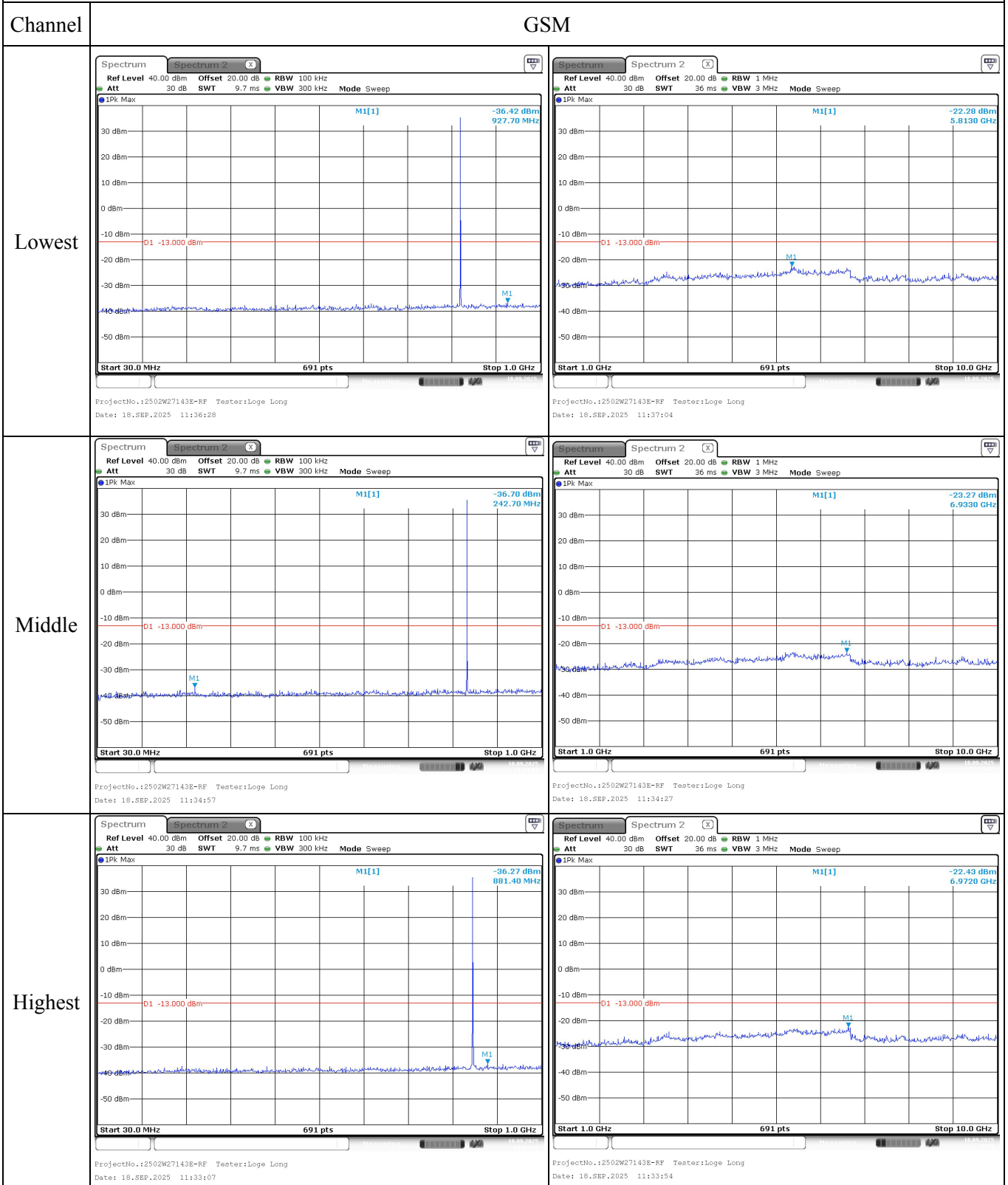
For 3G/4G:

Please refer to the attachment Appendix A, B.

Test Plots:

GSM 850:

Spurious Emissions at Antenna Terminal



Note: The maximum path attenuation of 30MHz-10GHz was added into the offset.