

For Intermodulation:

LTE Band 25 Input Signal=1

Signal Type	AGC threshold level	Frequency (MHz)	Input Power (dBm)	Maximum Average Output Power (dBm)	Limit Average output Power (dBm)	Margin (dB)	Gain (dB)
Wideband	0.3 dB < AGC	1932.5	9.61	17.95	62.14	-44.19	8.34
Wideband	3 dB > AGC	1932.5	12.71	21.03	62.14	-41.11	8.32
Narrowband	0.3 dB < AGC	1930.2	14.63	22.58	62.14	-39.56	7.95
Narrowband	3 dB > AGC	1930.2	18.14	25.53	62.14	-36.61	7.39
Wideband	0.3 dB < AGC	1962.5	6.6	21.79	62.14	-40.35	15.19
Wideband	3 dB > AGC	1962.5	9.84	24.9	62.14	-37.24	15.06
Narrowband	0.3 dB < AGC	1962.5	11.58	27.09	62.14	-35.05	15.51
Narrowband	3 dB > AGC	1962.5	14.94	29.59	62.14	-32.55	14.65
Wideband	0.3 dB < AGC	1992.5	5.61	21.34	62.14	-40.80	15.73
Wideband	3 dB > AGC	1992.5	8.91	24.5	62.14	-37.64	15.59
Narrowband	0.3 dB < AGC	1994.8	11.53	27.05	62.14	-35.09	15.52
Narrowband	3 dB > AGC	1994.8	14.84	29.95	62.14	-32.19	15.11

* Margin = Output Power – Limit

Frequency: 1932.5MHz

Wideband

AGC threshold level: 0.3 dB < AGC

Input power



Maximum Average Output Power



AGC threshold level: 3 dB > AGC

Input power



Maximum Average Output Power



Narrowband

AGC threshold level: 0.3 dB < AGC

Input power



Maximum Average Output Power



AGC threshold level: 3 dB > AGC

Input power



Maximum Average Output Power



Frequency: 1962.5MHz

Wideband

AGC threshold level: 0.3 dB < AGC

Input power



Maximum Average Output Power



AGC threshold level: 3 dB > AGC

Input power



Maximum Average Output Power



Narrowband

AGC threshold level: 0.3 dB < AGC

Input power



Maximum Average Output Power



AGC threshold level: 3 dB > AGC

Input power



Maximum Average Output Power



Frequency: 1992.5MHz

Wideband

AGC threshold level: 0.3 dB < AGC

Input power



Maximum Average Output Power



AGC threshold level: 3 dB > AGC

Input power



Maximum Average Output Power



Narrowband

AGC threshold level: 0.3 dB < AGC

Input power

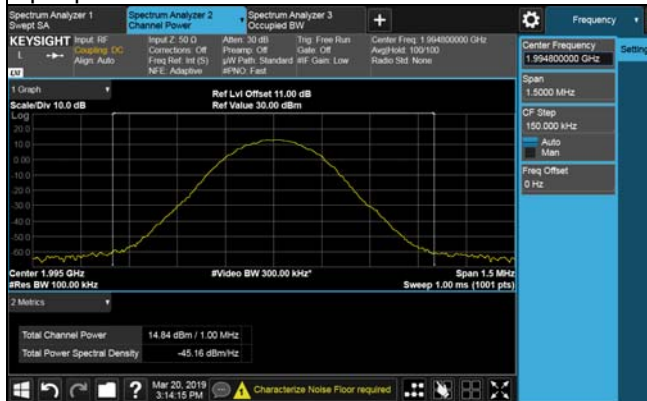


Maximum Average Output Power



AGC threshold level: 3 dB > AGC

Input power



Maximum Average Output Power



LTE Band 66 Input Signal=1

Signal Type	AGC threshold level	Frequency (MHz)	Input Power (dBm)	Maximum Average Output Power (dBm)	Limit Average output Power (dBm)	Margin (dB)	Gain (dB)
Wideband	0.3 dB < AGC	2112.5	5.67	20.22	62.14	-41.92	14.55
Wideband	3 dB > AGC	2112.5	8.88	22.6	62.14	-39.54	13.72
Narrowband	0.3 dB < AGC	2110.2	3.45	18.42	62.14	-43.72	14.97
Narrowband	3 dB > AGC	2110.2	6.86	21.76	62.14	-40.38	14.9
Wideband	0.3 dB < AGC	2155	6.62	20.03	62.14	-42.11	13.41
Wideband	3 dB > AGC	2155	9.95	22.8	62.14	-39.34	12.85
Narrowband	0.3 dB < AGC	2155	5.53	19.45	62.14	-42.69	13.92
Narrowband	3 dB > AGC	2155	8.78	22.58	62.14	-39.56	13.8
Wideband	0.3 dB < AGC	2197.5	3.62	11.49	62.14	-50.65	7.87
Wideband	3 dB > AGC	2197.5	6.95	14.5	62.14	-47.64	7.55
Narrowband	0.3 dB < AGC	2199.8	2.55	8.19	62.14	-53.95	5.64
Narrowband	3 dB > AGC	2199.8	5.85	11.27	62.14	-50.87	5.42

* Margin = Output Power – Limit

Frequency: 2112.5MHz

Wideband

AGC threshold level: 0.3 dB < AGC

Input power



Maximum Average Output Power



AGC threshold level: 3 dB > AGC

Input power



Maximum Average Output Power



Narrowband

AGC threshold level: 0.3 dB < AGC

Input power



Maximum Average Output Power



AGC threshold level: 3 dB > AGC

Input power



Maximum Average Output Power



Frequency: 2155MHz

Wideband

AGC threshold level: 0.3 dB < AGC

Input power



Maximum Average Output Power



AGC threshold level: 3 dB > AGC

Input power



Maximum Average Output Power



Narrowband

AGC threshold level: 0.3 dB < AGC

Input power



Maximum Average Output Power



AGC threshold level: 3 dB > AGC

Input power



Maximum Average Output Power



Frequency: 2197.5MHz

Wideband

AGC threshold level: 0.3 dB < AGC

Input power



Maximum Average Output Power



AGC threshold level: 3 dB > AGC

Input power



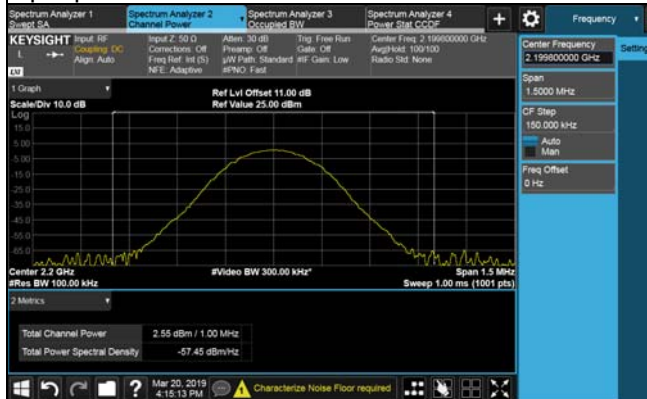
Maximum Average Output Power



Narrowband

AGC threshold level: 0.3 dB < AGC

Input power



Maximum Average Output Power



AGC threshold level: 3 dB > AGC

Input power



Maximum Average Output Power



LTE Band 25 Input Signal=1:

Signal Type	Input Power	Frequency (MHz)	OBW SG (kHz)	OBW Booster (kHz)	Delta OBW (kHz)	Limit (5% OBW) (kHz)	Margin to Limit (kHz)
Wideband	0.3 dB < AGC	1932.5	4122.6	4118.1	4.5	205	-200.5
Wideband	3 dB > AGC	1932.5	4124.6	4219.7	95.1	205	-109.9
Narrowband	0.3 dB < AGC	1930.2	332	327.34	4.66	17.5	-12.84
Narrowband	3 dB > AGC	1930.2	335.3	323.85	11.45	17.5	-6.05
Wideband	0.3 dB < AGC	1962.5	4109.8	4121.5	11.7	205	-193.3
Wideband	3 dB > AGC	1962.5	4120.7	4140.9	20.2	205	-184.8
Narrowband	0.3 dB < AGC	1962.5	357.88	356.44	1.44	17.5	-16.06
Narrowband	3 dB > AGC	1962.5	356.37	360.99	4.62	17.5	-12.88
Wideband	0.3 dB < AGC	1992.5	4128.2	4133.7	5.5	205	-199.5
Wideband	3 dB > AGC	1992.5	4130.4	4148.4	18	205	-187
Narrowband	0.3 dB < AGC	1994.8	328.88	331.23	2.85	17.5	-14.65
Narrowband	3 dB > AGC	1994.8	331.29	334.19	2.9	17.5	-14.6

* Margin = Limit - Delta

Frequency: 1932.5MHz

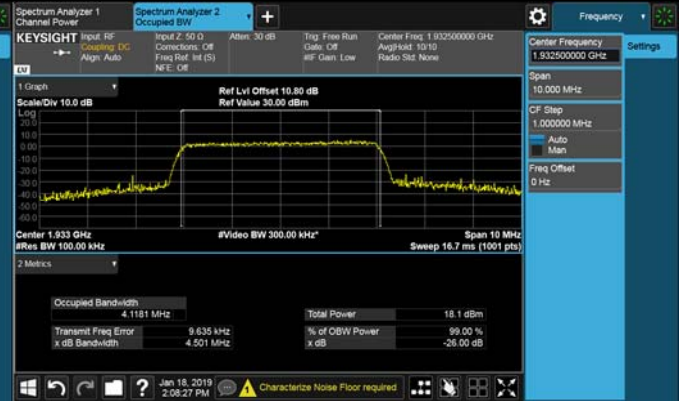
Wideband

AGC threshold level: 0.3 dB < AGC

OBW SG

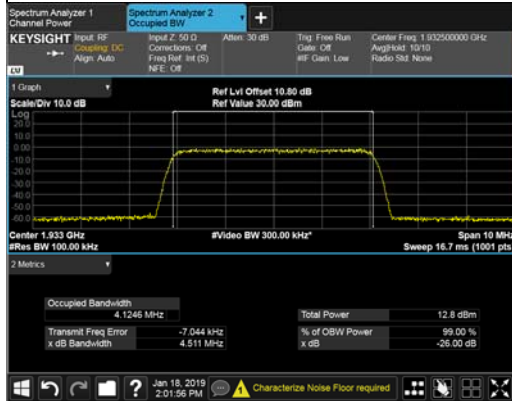


OBW Booster

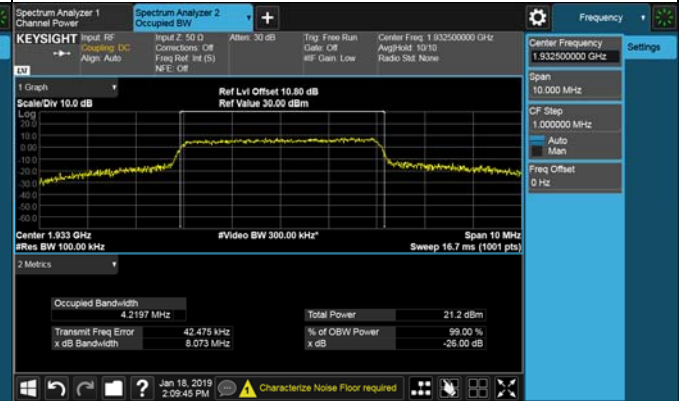


AGC threshold level: 3 dB > AGC

OBW SG



OBW Booster



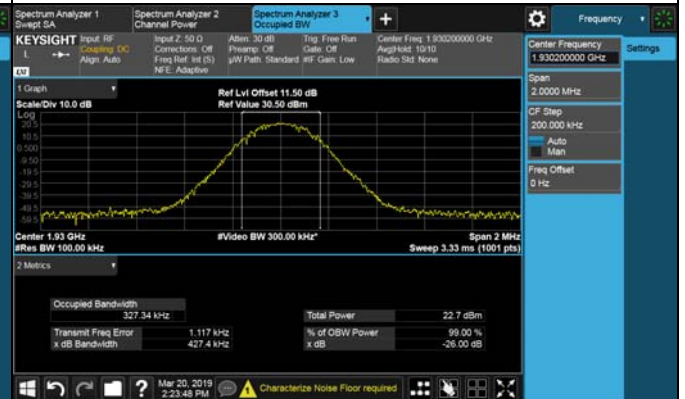
Narrowband

AGC threshold level: 0.3 dB < AGC

OBW SG



OBW Booster

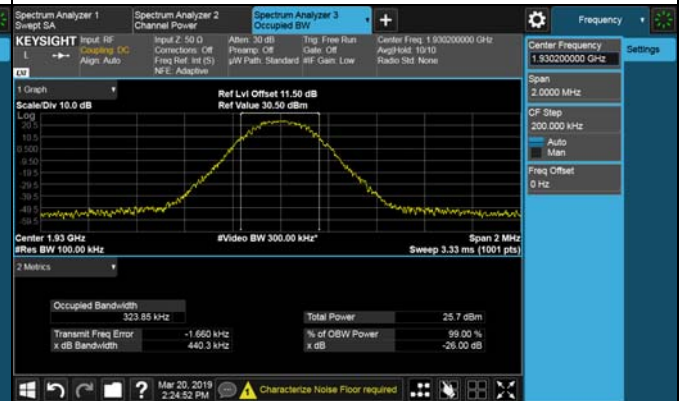


AGC threshold level: 3 dB > AGC

OBW SG



OBW Booster



Frequency: 1962.5MHz

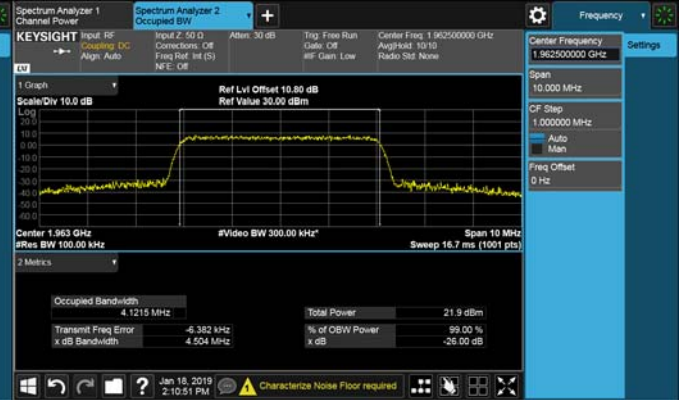
Wideband

AGC threshold level: 0.3 dB < AGC

OBW SG



OBW Booster

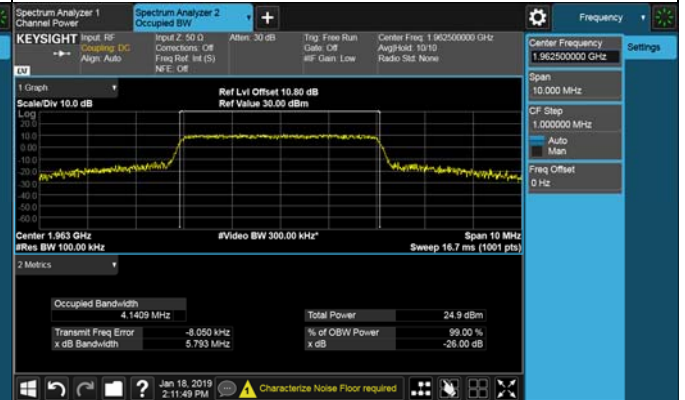


AGC threshold level: 3 dB > AGC

OBW SG



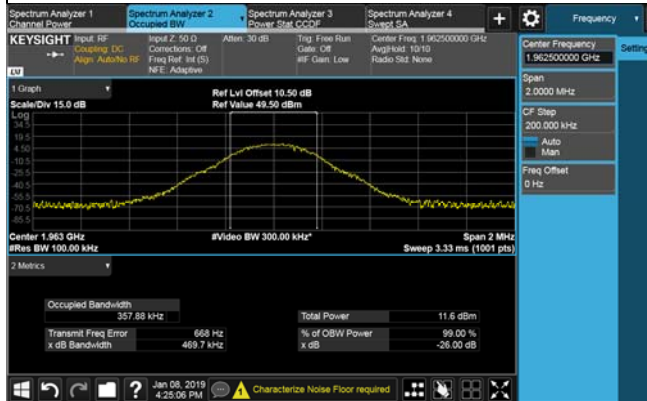
OBW Booster



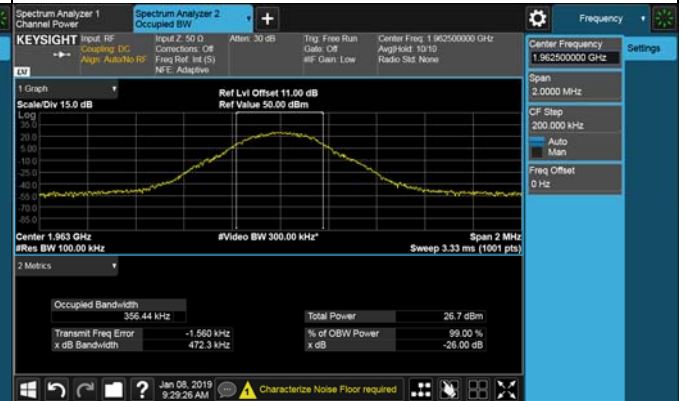
Narrowband

AGC threshold level: 0.3 dB < AGC

OBW SG

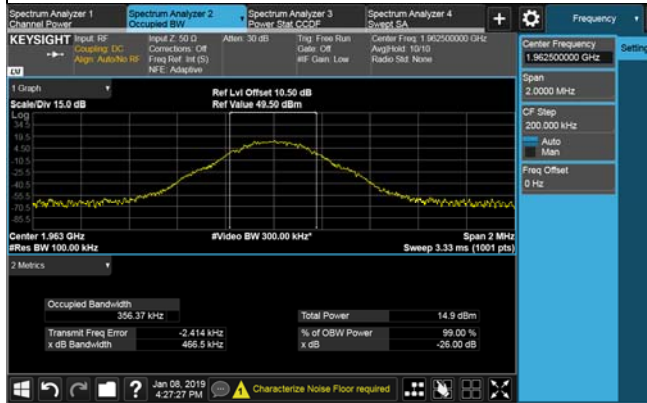


OBW Booster

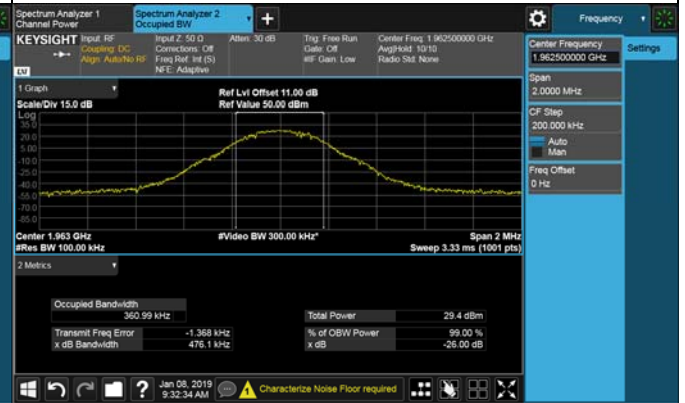


AGC threshold level: 3 dB > AGC

OBW SG



OBW Booster



Frequency: 1992.5MHz

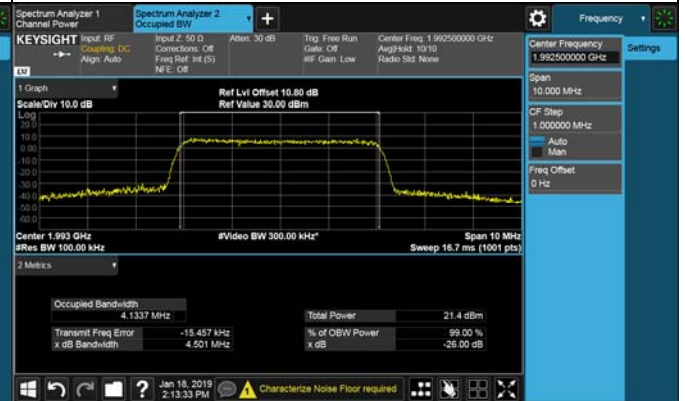
Wideband

AGC threshold level: 0.3 dB < AGC

OBW SG

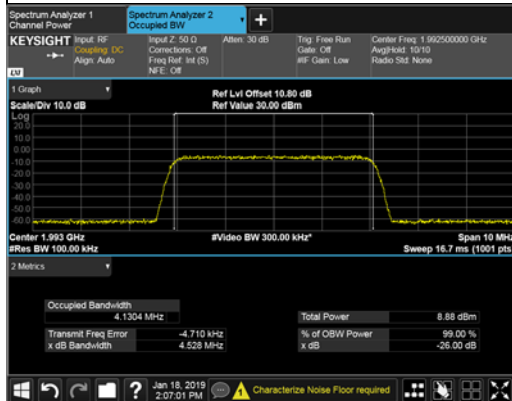


OBW Booster

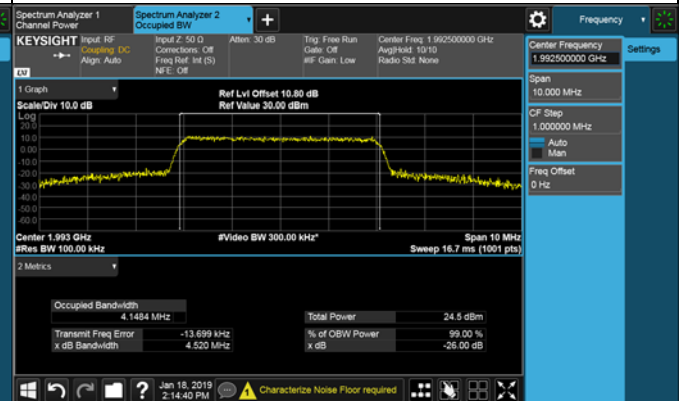


AGC threshold level: 3 dB > AGC

OBW SG



OBW Booster



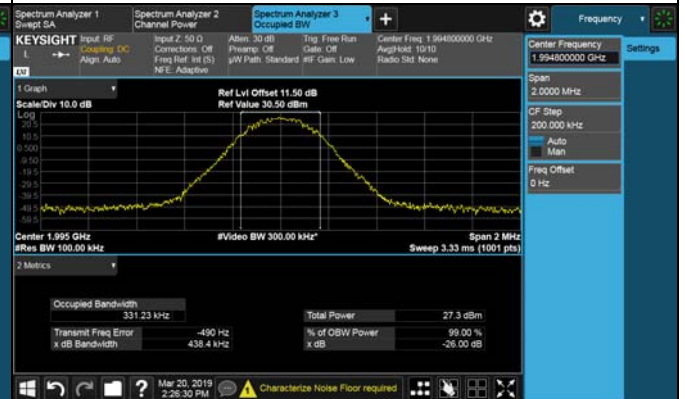
Narrowband

AGC threshold level: 0.3 dB < AGC

OBW SG



OBW Booster

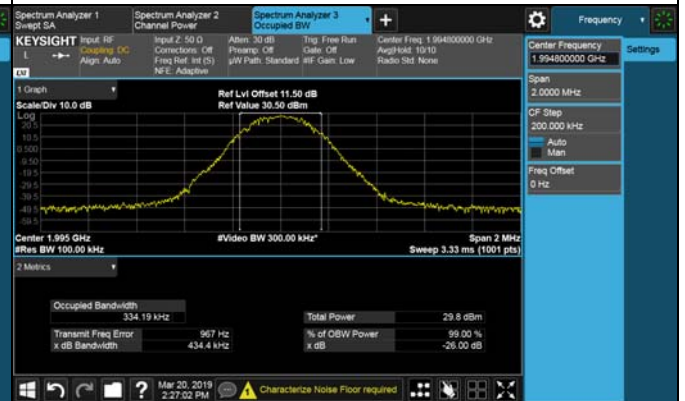


AGC threshold level: 3 dB > AGC

OBW SG



OBW Booster



LTE Band 66 Input Signal=1

Signal Type	Input Power	Frequency (MHz)	OBW SG (kHz)	OBW Booster (kHz)	Delta OBW (kHz)	Limit (5% OBW) (kHz)	Margin to Limit (kHz)
Wideband	0.3 dB < AGC	2112.5	4123.7	4124.4	0.7	205	-204.93
Wideband	3 dB > AGC	2112.5	4120.9	4207.7	86.8	205	-119
Narrowband	0.3 dB < AGC	2110.2	330.38	323.75	6.63	17.5	-10.87
Narrowband	3 dB > AGC	2110.2	331.56	330.34	1.22	17.5	-16.28
Wideband	0.3 dB < AGC	2155	4122.7	4136.2	13.5	205	-191.5
Wideband	3 dB > AGC	2155	4118.3	4299.6	181.3	205	-23.7
Narrowband	0.3 dB < AGC	2155	324.7	327.43	2.73	17.5	-14.77
Narrowband	3 dB > AGC	2155	328.18	326.04	2.14	17.5	-15.36
Wideband	0.3 dB < AGC	2197.5	4119.5	4109.9	9.6	205	-195.4
Wideband	3 dB > AGC	2197.5	4128.2	4121.5	6.7	205	-198.3
Narrowband	0.3 dB < AGC	2199.8	333.78	333.77	0.01	17.5	-17.49
Narrowband	3 dB > AGC	2199.8	330.72	327.39	3.33	17.5	-14.17

* Margin = Limit - Delta

Frequency: 2112.5MHz

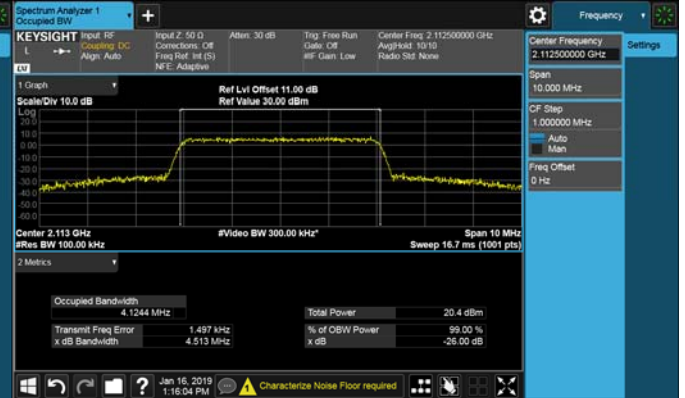
Wideband

AGC threshold level: 0.3 dB < AGC

OBW SG

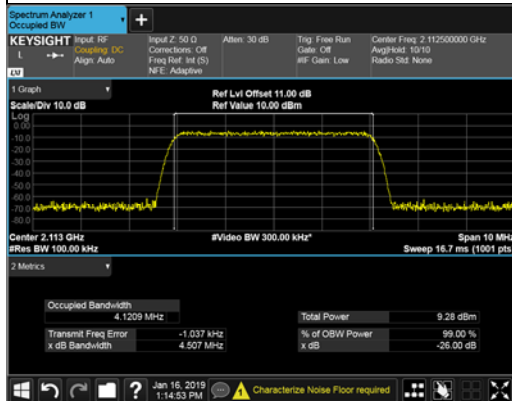


OBW Booster

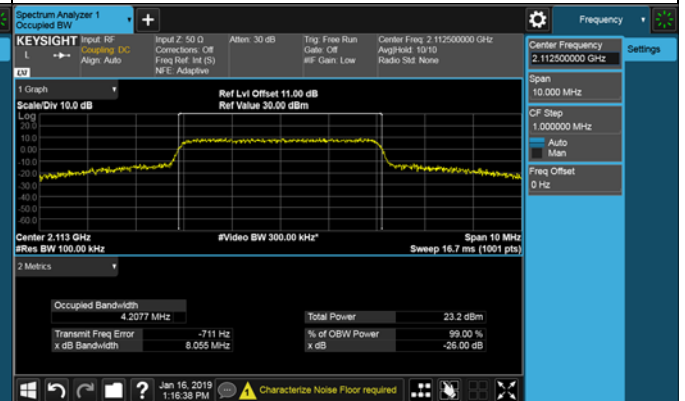


AGC threshold level: 3 dB > AGC

OBW SG



OBW Booster



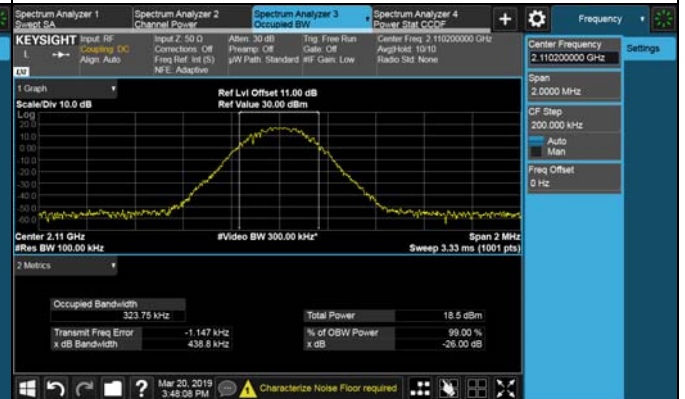
Narrowband

AGC threshold level: 0.3 dB < AGC

OBW SG



OBW Booster

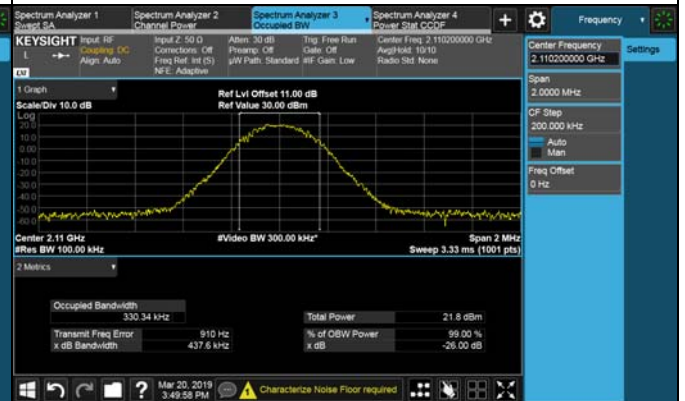


AGC threshold level: 3 dB > AGC

OBW SG



OBW Booster



Frequency: 2155MHz

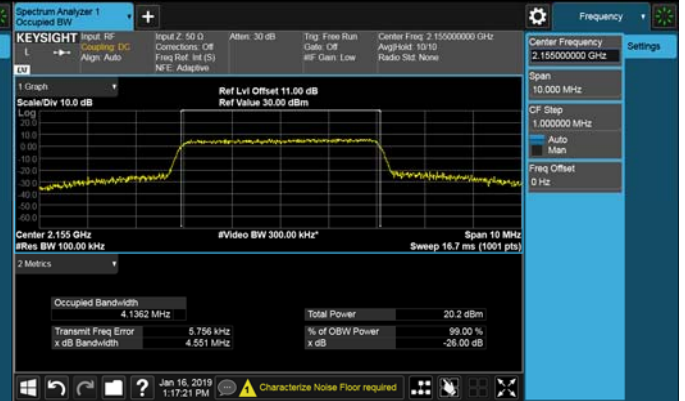
Wideband

AGC threshold level: 0.3 dB < AGC

OBW SG

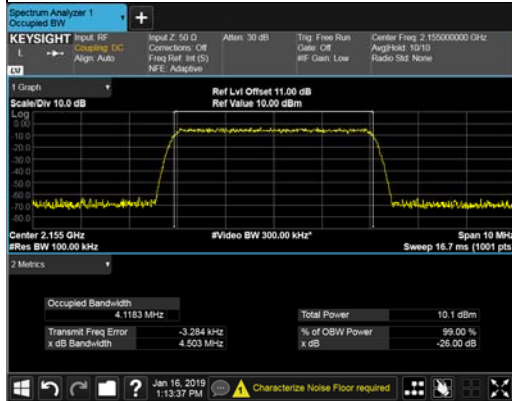


OBW Booster

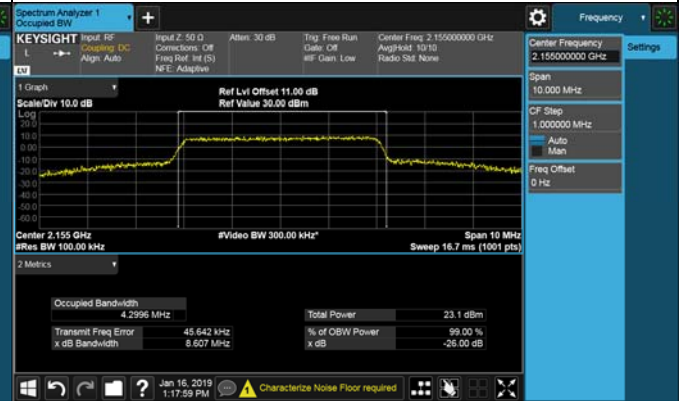


AGC threshold level: 3 dB > AGC

OBW SG



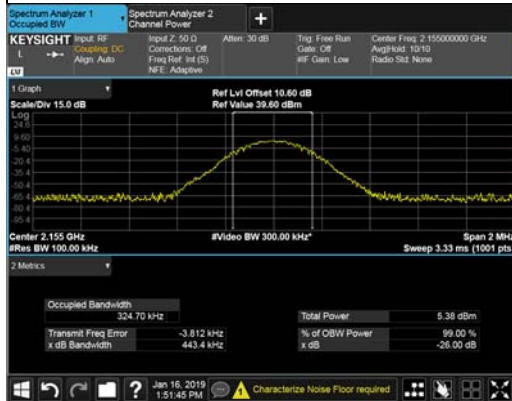
OBW Booster



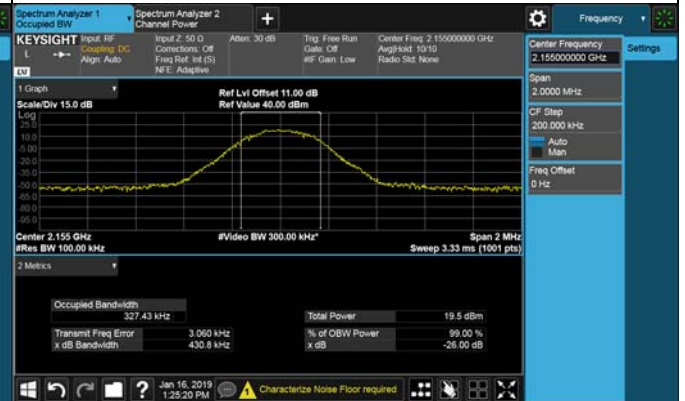
Narrowband

AGC threshold level: 0.3 dB < AGC

OBW SG



OBW Booster

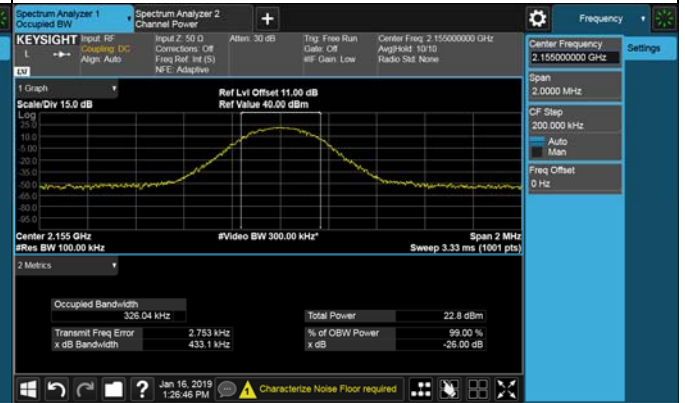


AGC threshold level: 3 dB > AGC

OBW SG



OBW Booster

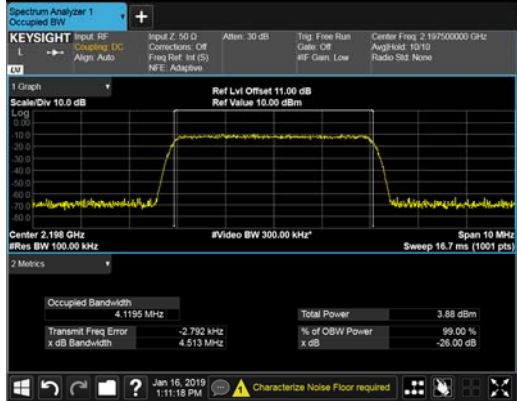


Frequency: 2197.5MHz

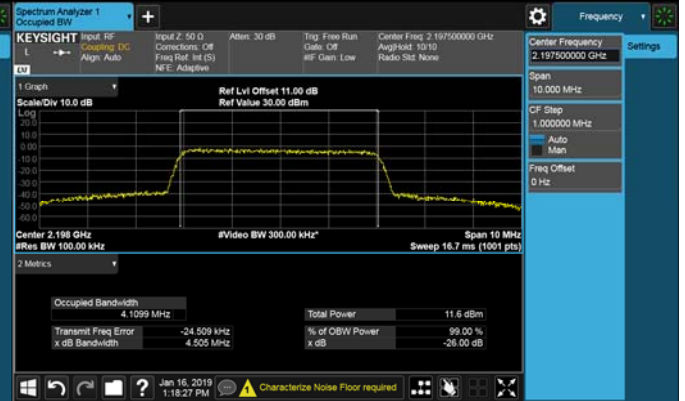
Wideband

AGC threshold level: 0.3 dB < AGC

OBW SG

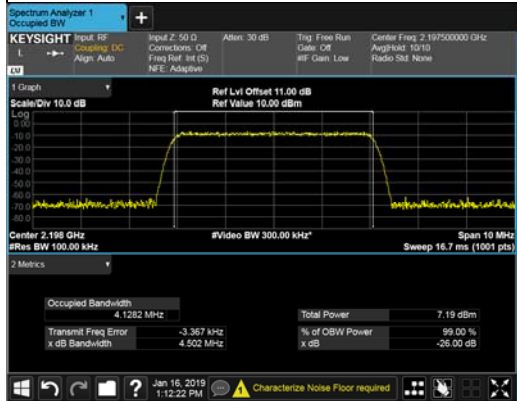


OBW Booster

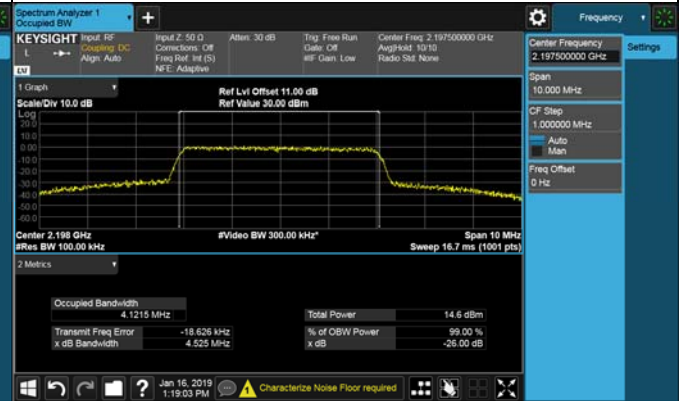


AGC threshold level: 3 dB > AGC

OBW SG



OBW Booster



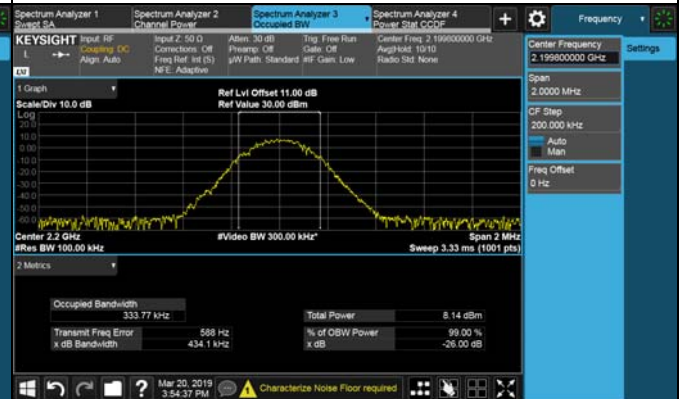
Narrowband

AGC threshold level: 0.3 dB < AGC

OBW SG



OBW Booster

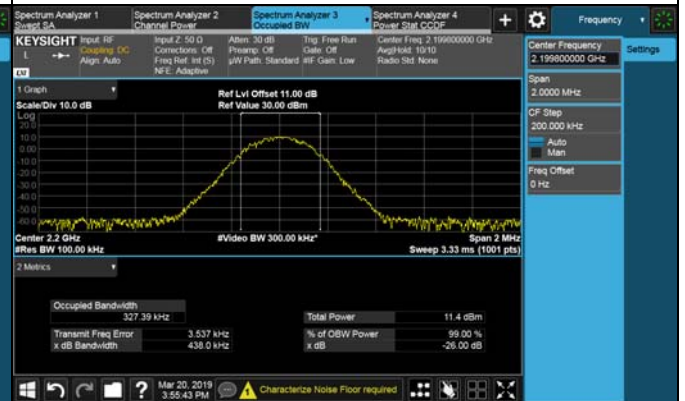


AGC threshold level: 3 dB > AGC

OBW SG



OBW Booster



For Intermodulation:

LTE Band 25 Input Signal=1

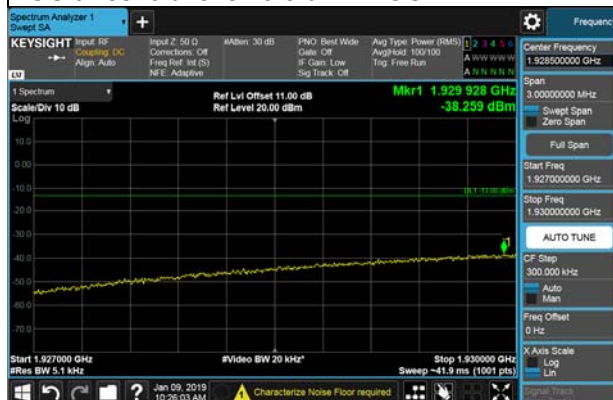
Signal Type	AGC threshold level	Band Edge	Frequency (MHz)	Input Power (dBm)	Max. OOB (dBm)	Limit(OOB) (dBm)	Margin (dB)
Wideband	0.3 dB < AGC	Lower	1932.5	9.61	-38.25	-13	-25.25
Wideband	3 dB > AGC	Lower	1932.5	12.71	-23.06	-13	-10.06
Narrowband	0.3 dB < AGC	Lower	1930.2	14.63	-27.11	-13	-14.11
Narrowband	3 dB > AGC	Lower	1930.2	18.14	-25.25	-13	-12.25
Wideband	0.3 dB < AGC	Upper	1992.5	5.61	-45.37	-13	-32.37
Wideband	3 dB > AGC	Upper	1992.5	8.91	-29.6	-13	-16.6
Narrowband	0.3 dB < AGC	Upper	1994.8	11.53	-23.46	-13	-10.46
Narrowband	3 dB > AGC	Upper	1994.8	14.84	-20.13	-13	-7.13

* Margin = Max. OOB – Limit

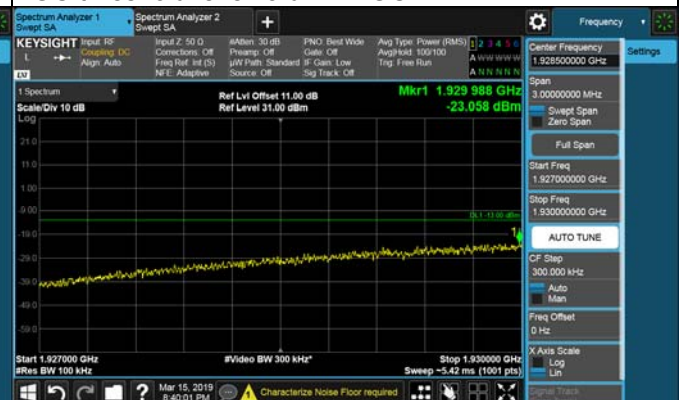
Frequency: 1932.5MHz

Wideband

AGC threshold level: 0.3 dB < AGC



AGC threshold level: 3 dB > AGC



Narrowband

AGC threshold level: 0.3 dB < AGC



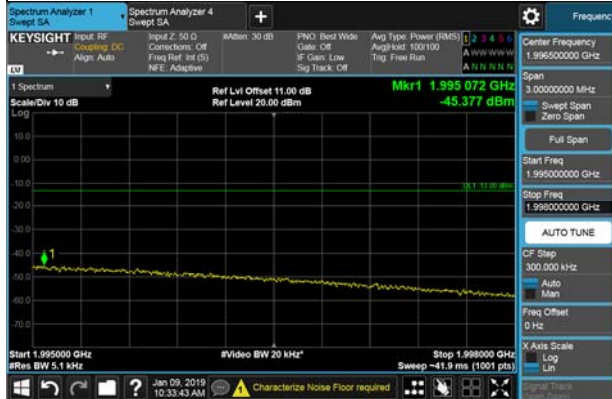
AGC threshold level: 3 dB > AGC



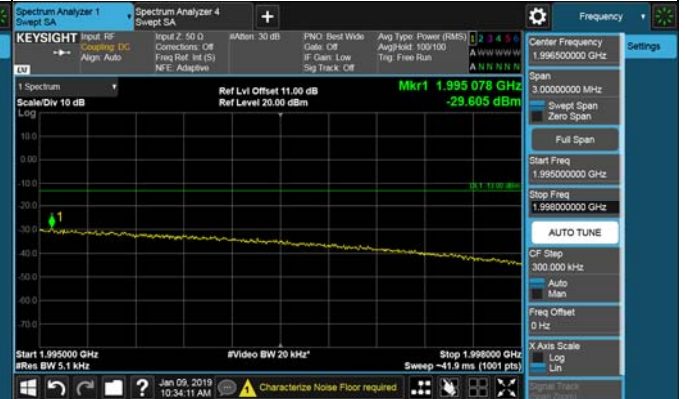
Frequency: 1992.5MHz

Wideband

AGC threshold level: 0.3 dB < AGC



AGC threshold level: 3 dB > AGC



Narrowband

AGC threshold level: 0.3 dB < AGC



AGC threshold level: 3 dB > AGC



LTE Band 66 Input Signal=1

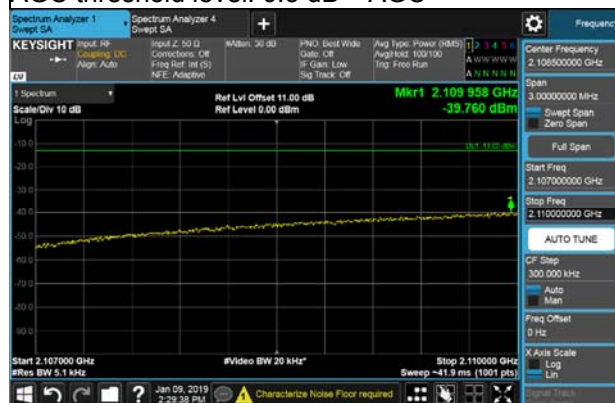
Signal Type	AGC threshold level	Band Edge	Frequency (MHz)	Input Power (dBm)	Max. OOB (dBm)	Limit(OOB) (dBm)	Margin (dB)
Wideband	0.3 dB < AGC	Lower	2112.5	5.67	-39.76	-13	-26.76
Wideband	3 dB > AGC	Lower	2112.5	8.88	-23.01	-13	-10.01
Narrowband	0.3 dB < AGC	Lower	2110.2	3.45	-43.08	-13	-10.01
Narrowband	3 dB > AGC	Lower	2110.2	6.86	-39.92	-13	-26.92
Wideband	0.3 dB < AGC	Upper	2197.5	3.62	-53.56	-13	-40.56
Wideband	3 dB > AGC	Upper	2197.5	6.95	-43.69	-13	-30.69
Narrowband	0.3 dB < AGC	Upper	2199.8	2.55	-53.67	-13	-40.67
Narrowband	3 dB > AGC	Upper	2199.8	5.85	-49.99	-13	-36.99

* Margin = Max. OOB – Limit

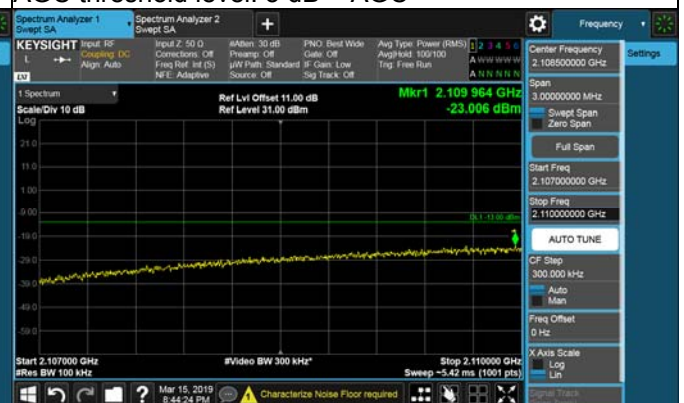
Frequency: 2112.5MHz

Wideband

AGC threshold level: 0.3 dB < AGC



AGC threshold level: 3 dB > AGC



Narrowband

AGC threshold level: 0.3 dB < AGC



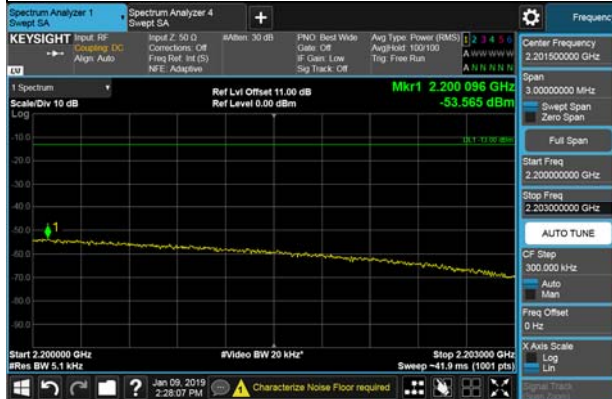
AGC threshold level: 3 dB > AGC



Frequency: 2197.5MHz

Wideband

AGC threshold level: 0.3 dB < AGC



AGC threshold level: 3 dB > AGC



Narrowband

AGC threshold level: 0.3 dB < AGC



AGC threshold level: 3 dB > AGC



4.6 Out-of-Band Rejection

4.6.1 Test Requirements / Limits

No applicable limit.

4.6.2 Test Procedure

Refer to ANSI C63.26, KDB 935210 D05 v01r02:3.3

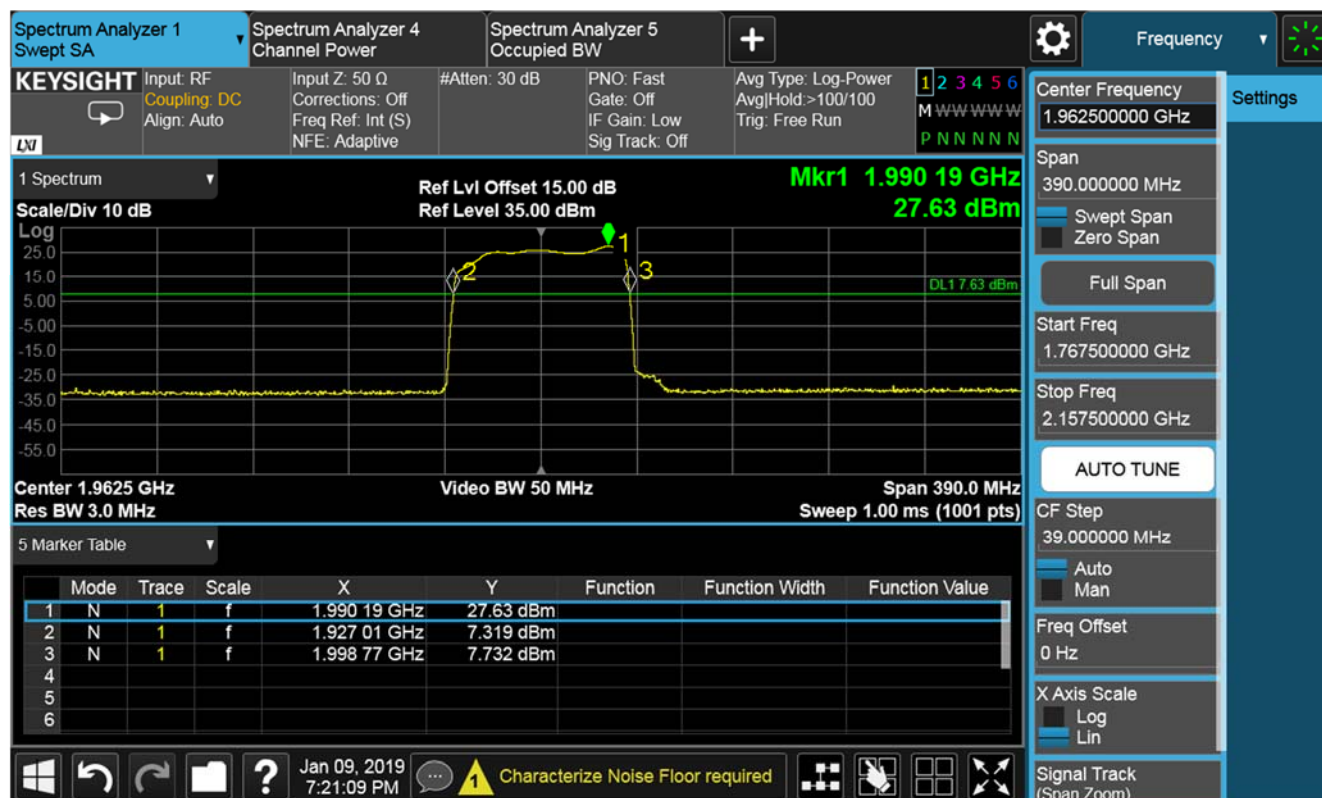
4.6.3 Test Setup

Refer to clause 3.4.

4.6.4 Test Result

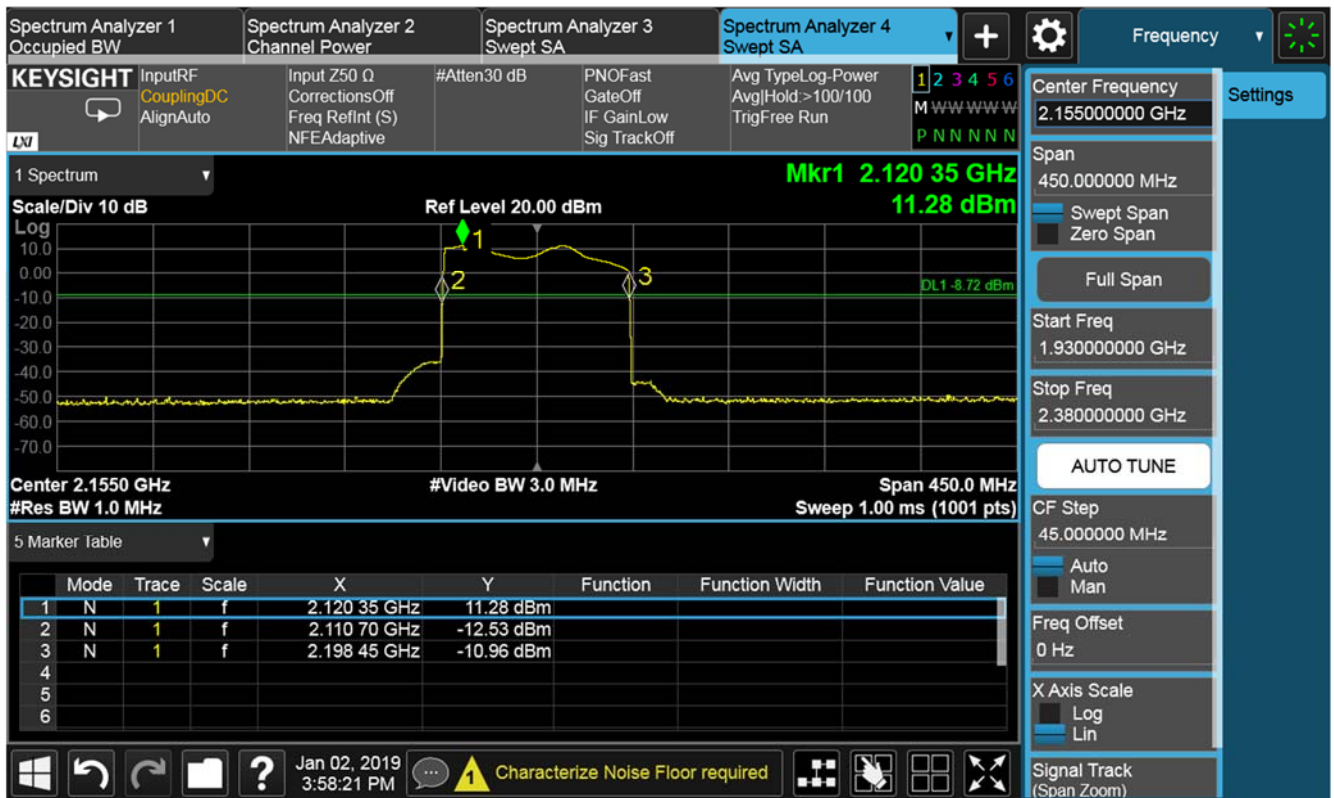
LTE Band 25:

Highest Power Frequency (MHz)	Output Power (dBm)	Lower Highest Power – 20dB Frequency (MHz)	Upper Highest Power – 20dB Frequency (MHz)	20 dB Bandwidth (kHz)
1990.19	27.63	1927.01	1998.77	71760



LTE Band 66:

Highest Power Frequency (MHz)	Output Power (dBm)	Lower Highest Power – 20dB Frequency (MHz)	Upper Highest Power – 20dB Frequency (MHz)	20 dB Bandwidth (kHz)
2120.35	11.28	2110.7	2198.45	87750



4.7 Frequency Stability

4.7.1 Limits of Oscillation Detection Measurement

FCC 2.1055 Measurements required: Frequency stability

(a) The frequency stability shall be measured with variation of ambient temperature as follows:

- (1) From -30° to $+50^{\circ}$ centigrade for all equipment except that specified in paragraphs (a) (2) and (3) of this section.
- (2) From -20° to $+50^{\circ}$ centigrade for equipment to be licensed for use in the Maritime Services under part 80 of this chapter, except for Class A, B, and S Emergency Position Indicating Radiobeacons (EPIRBS), and equipment to be licensed for use above 952 MHz at operational fixed stations in all services, stations in the Local Television Transmission Service and Point-to-Point Microwave Radio Service under part 21 of this chapter, equipment licensed for use aboard aircraft in the Aviation Services under part 87 of this chapter, and equipment authorized for use in the Family Radio Service under part 95 of this chapter.
- (3) From 0° to $+50^{\circ}$ centigrade for equipment to be licensed for use in the Radio Broadcast Services under part 73 of this chapter.

(b) Frequency measurements shall be made at the extremes of the specified temperature range and at intervals of not more than 10° centigrade through the range. A period of time sufficient to stabilize all of the components of the oscillator circuit at each temperature level shall be allowed prior to frequency measurement. The short term transient effects on the frequency of the transmitter due to keying (except for broadcast transmitters) and any heating element cycling normally occurring at each ambient temperature level also shall be shown. Only the portion or portions of the transmitter containing the frequency determining and stabilizing circuitry need be subjected to the temperature variation test.

(d) The frequency stability shall be measured with variation of primary supply voltage as follows:

- (1) Vary primary supply voltage from 85 to 115 percent of the nominal value for other than hand carried battery equipment.
- (2) For hand carried, battery powered equipment, reduce primary supply voltage to the battery operating end point which shall be specified by the manufacturer.
- (3) The supply voltage shall be measured at the input to the cable normally provided with the equipment, or at the power supply terminals if cables are not normally provided. Effects on frequency of transmitter keying (except for broadcast transmitters) and any heating element cycling at the nominal supply voltage and at each extreme also shall be shown.

FCC 24.235 Frequency stability:

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

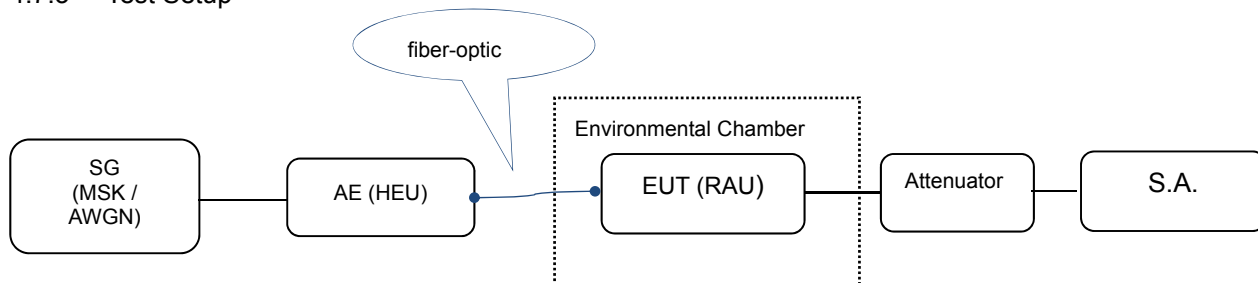
FCC 27.54 frequency stability:

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

4.7.2 Test Procedure

Refer to ANSI C63.26: 5.6 & 7.2.2.6, KDB 935210 D05 v01r02:3.7.

4.7.3 Test Setup



4.7.4 Test Result

Not required, the EUT (amplifier, booster, or repeater) does not alter the input signal in any way.

4.8 Field Strength of Spurious Radiation

4.8.1 Test Requirements / Limits

FCC 2.1053 Measurements required: Field strength of spurious radiation:

Measurements shall be made to detect spurious emissions that may be radiated directly from the cabinet, control circuits, power leads, or intermediate circuit elements under normal conditions of installation and operation. Curves or equivalent data shall be supplied showing the magnitude of each harmonic and other spurious emission. For this test, single sideband, independent sideband, and controlled carrier transmitters shall be modulated under the conditions specified in paragraph (c) of §2.1049, as appropriate.

FCC 24.238 Emission limitations for Broadband PCS equipment:

- (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.

FCC 27.53 Emission limits.

- (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.

4.8.2 Test Procedure

- a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m(below or equal 1GHz) and/or 1.5m(above 1GHz) height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- b. The substitution antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value" of step a. Record the power level of S.G
- c. $EIRP = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn}.$
- d. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole, $E.R.P \text{ power} = E.I.R.P \text{ power} - 2.15\text{dBi}.$

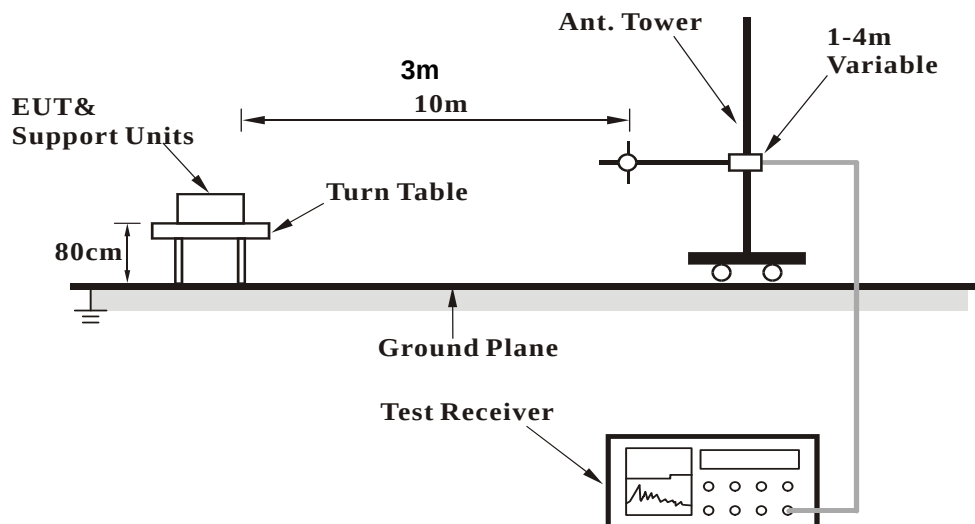
Note: The resolution bandwidth of spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz.

4.8.3 Deviation from Test Standard

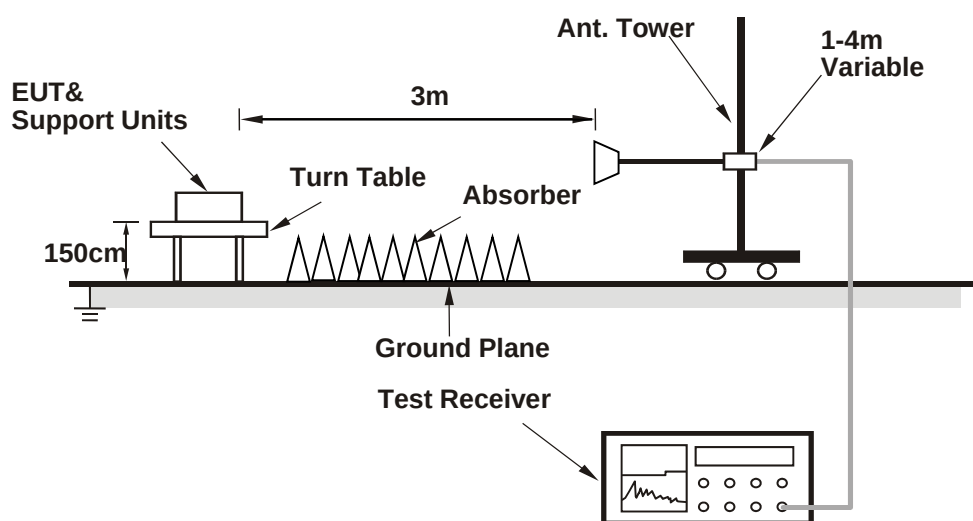
No deviation.

4.8.4 Test Setup

For Radiated emission 30MHz to 1GHz



For Radiated emission above 1GHz



For the actual test configuration, please refer to the attached file (Test Setup Photo).

4.8.5 Test Results

Below 1GHz Data :

For External antenna:

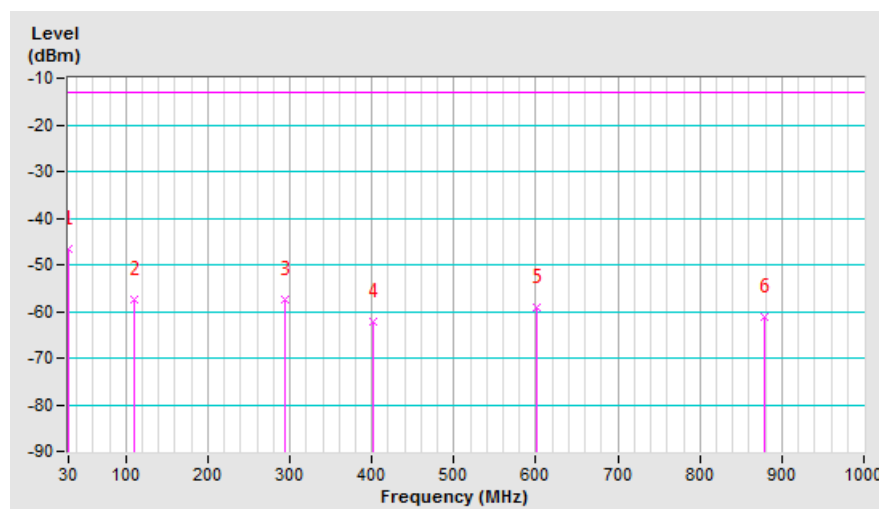
LTE Band 25, Wideband

Mode	TX channel 8365 (1962.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	30.97	-50.4	-27.9	-18.8	-46.7	-13.0	-33.7
2	109.54	-49.6	-55.0	-2.5	-57.5	-13.0	-44.5
3	294.81	-54.4	-55.7	-1.8	-57.5	-13.0	-44.5
4	402.48	-61.5	-65.5	3.3	-62.2	-13.0	-49.2
5	600.36	-60.7	-63.0	3.8	-59.2	-13.0	-46.2
6	878.75	-68.2	-64.5	3.4	-61.1	-13.0	-48.1

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

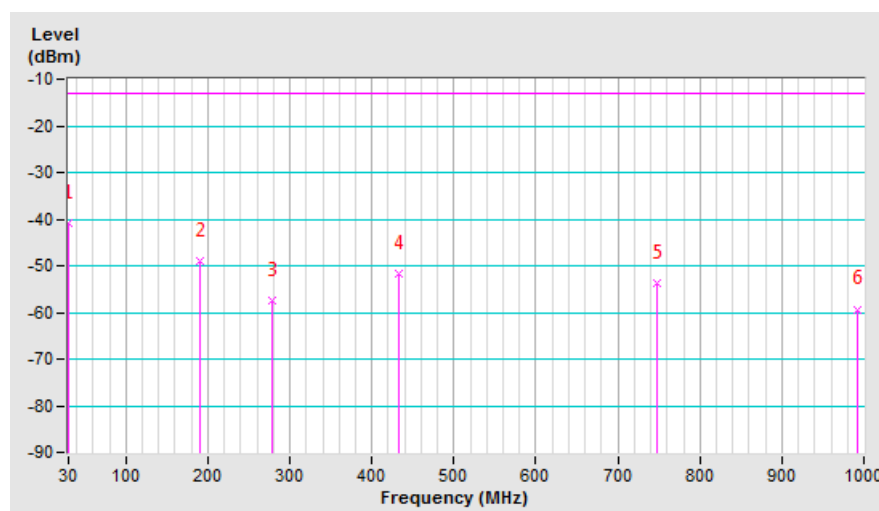


Mode	TX channel 8365 (1962.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	30.00	-31.1	-21.6	-19.4	-41.0	-13.0	-28.0
2	191.02	-47.1	-46.3	-2.7	-49.0	-13.0	-36.0
3	279.29	-60.6	-55.7	-1.6	-57.3	-13.0	-44.3
4	432.55	-51.6	-55.3	3.5	-51.8	-13.0	-38.8
5	746.83	-60.7	-57.4	3.7	-53.7	-13.0	-40.7
6	991.27	-69.2	-62.7	3.4	-59.3	-13.0	-46.3

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



LTE Band 66, Wideband

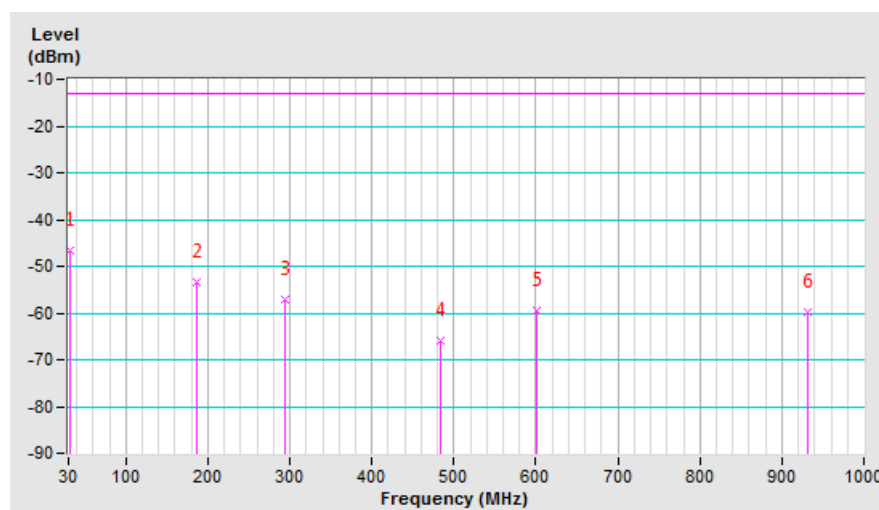
Mode	TX channel 66461 (2112.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	32.91	-49.7	-28.9	-17.7	-46.6	-13.0	-33.6
2	187.14	-45.1	-50.6	-2.7	-53.3	-13.0	-40.3
3	294.81	-54.1	-55.4	-1.8	-57.2	-13.0	-44.2
4	483.96	-65.9	-69.8	3.7	-66.1	-13.0	-53.1
5	600.36	-61.0	-63.3	3.8	-59.5	-13.0	-46.5
6	932.10	-67.8	-63.5	3.7	-59.8	-13.0	-46.8

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

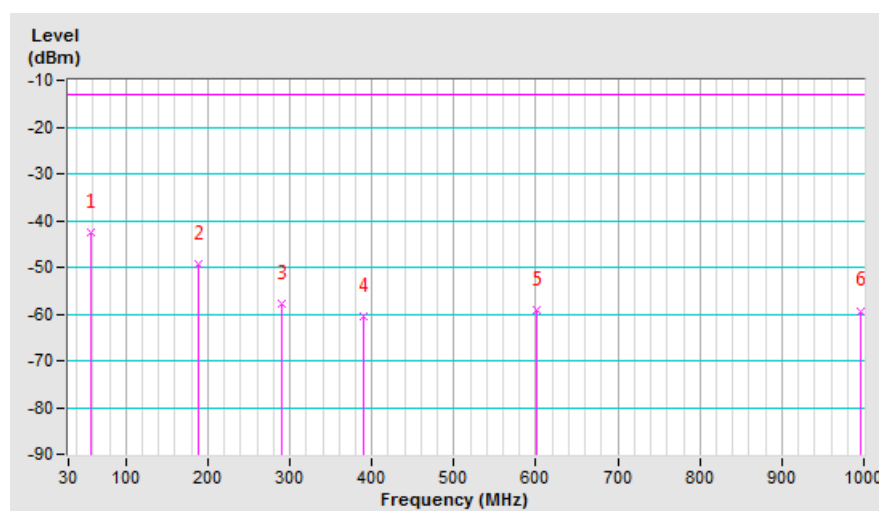


Mode	TX channel 66461 (2112.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	58.13	-35.7	-38.4	-4.2	-42.6	-13.0	-29.6
2	189.08	-47.2	-46.6	-2.8	-49.4	-13.0	-36.4
3	289.96	-58.8	-56.0	-1.7	-57.7	-13.0	-44.7
4	389.87	-60.0	-64.0	3.4	-60.6	-13.0	-47.6
5	600.36	-62.9	-63.0	3.8	-59.2	-13.0	-46.2
6	996.12	-69.4	-62.6	3.3	-59.3	-13.0	-46.3

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



LTE Band 25 + LTE Band 66, Wideband

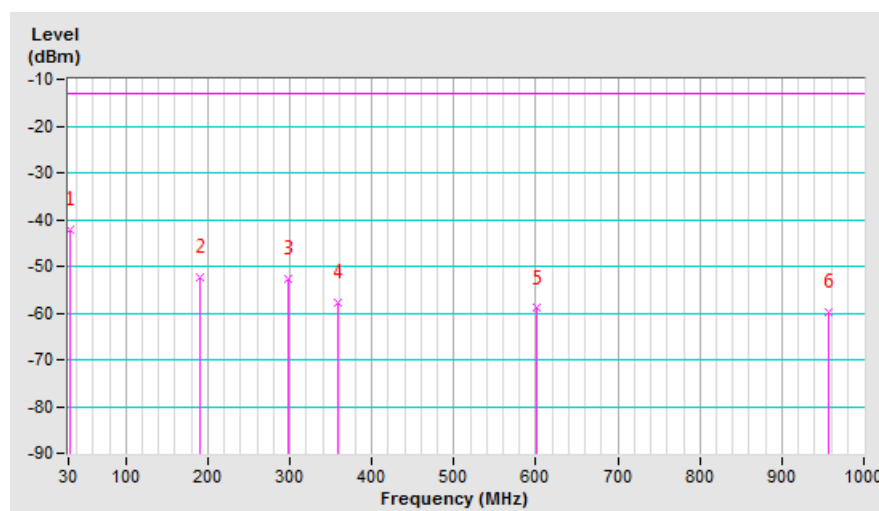
Mode	TX channel 8365 (1962.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	31.94	-45.7	-24.0	-18.3	-42.3	-13.0	-29.3
2	190.05	-43.9	-49.6	-2.8	-52.4	-13.0	-39.4
3	297.72	-50.1	-51.1	-1.7	-52.8	-13.0	-39.8
4	358.83	-55.1	-61.9	4.0	-57.9	-13.0	-44.9
5	600.36	-60.5	-62.8	3.8	-59.0	-13.0	-46.0
6	956.35	-68.2	-63.6	3.9	-59.7	-13.0	-46.7

Remarks:

- Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
- Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

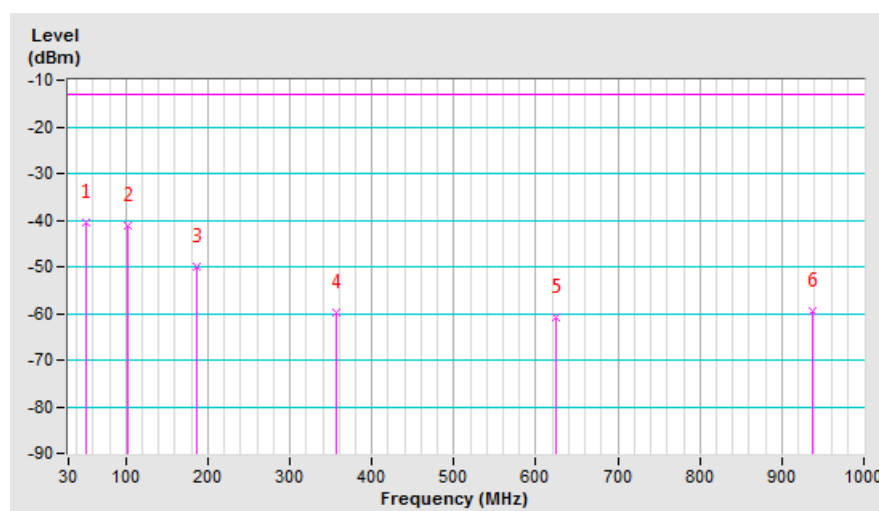


Mode	TX channel 8365 (1962.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	51.34	-33.3	-33.2	-7.3	-40.5	-13.0	-27.5
2	101.78	-32.8	-39.6	-1.6	-41.2	-13.0	-28.2
3	187.14	-47.7	-47.4	-2.7	-50.1	-13.0	-37.1
4	356.89	-59.3	-63.7	4.0	-59.7	-13.0	-46.7
5	624.61	-65.9	-64.7	3.7	-61.0	-13.0	-48.0
6	937.92	-68.5	-63.3	3.8	-59.5	-13.0	-46.5

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

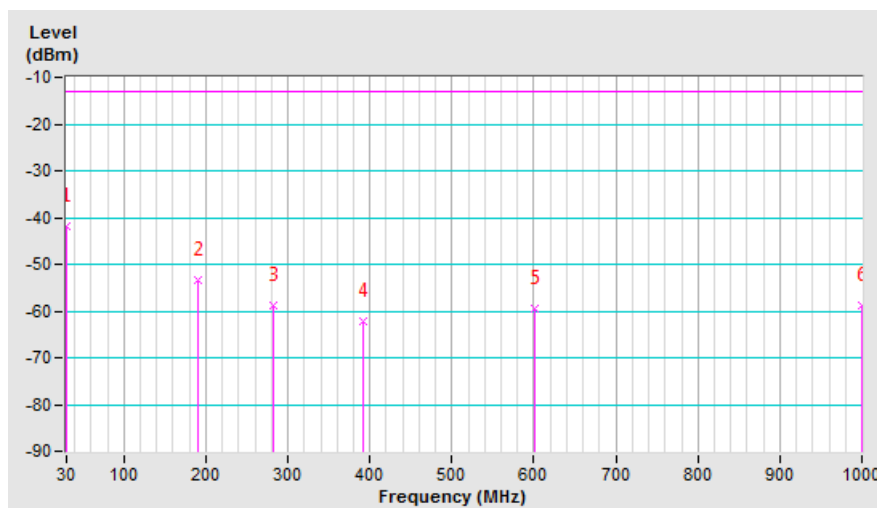


Mode	TX channel 66461 (2112.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	30.97	-45.4	-22.9	-18.8	-41.7	-13.0	-28.7
2	190.05	-44.8	-50.5	-2.8	-53.3	-13.0	-40.3
3	283.17	-54.7	-57.1	-1.7	-58.8	-13.0	-45.8
4	391.81	-61.9	-65.7	3.4	-62.3	-13.0	-49.3
5	600.36	-60.9	-63.2	3.8	-59.4	-13.0	-46.4
6	1000.00	-67.8	-62.0	3.2	-58.8	-13.0	-45.8

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

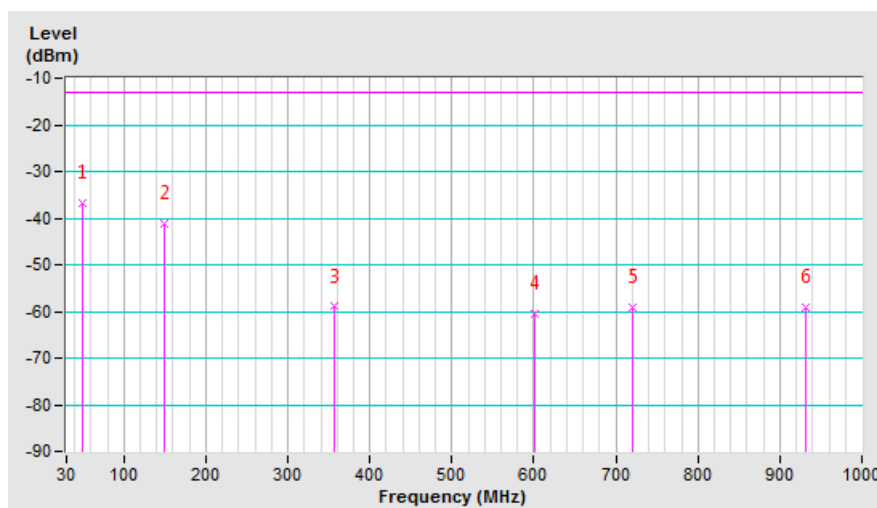


Mode	TX channel 66461 (2112.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	49.40	-29.2	-28.5	-8.3	-36.8	-13.0	-23.8
2	148.34	-39.2	-38.3	-3.0	-41.3	-13.0	-28.3
3	356.89	-58.6	-63.0	4.0	-59.0	-13.0	-46.0
4	600.36	-64.2	-64.3	3.8	-60.5	-13.0	-47.5
5	720.64	-65.2	-62.6	3.6	-59.0	-13.0	-46.0
6	932.10	-67.9	-62.8	3.7	-59.1	-13.0	-46.1

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



For External antenna:

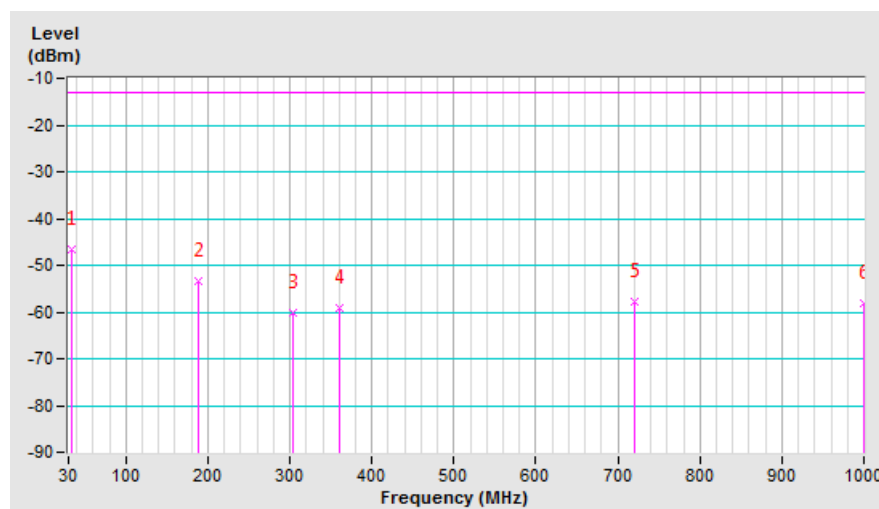
LTE Band 25, Narrowband

Mode	TX channel 8365 (1962.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	34.85	-49.7	-30.1	-16.5	-46.6	-13.0	-33.6
2	188.11	-45.2	-50.7	-2.7	-53.4	-13.0	-40.4
3	304.51	-55.6	-63.9	3.8	-60.1	-13.0	-47.1
4	360.77	-56.4	-63.1	4.0	-59.1	-13.0	-46.1
5	720.64	-61.2	-61.5	3.6	-57.9	-13.0	-44.9
6	999.03	-67.1	-61.5	3.3	-58.2	-13.0	-45.2

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

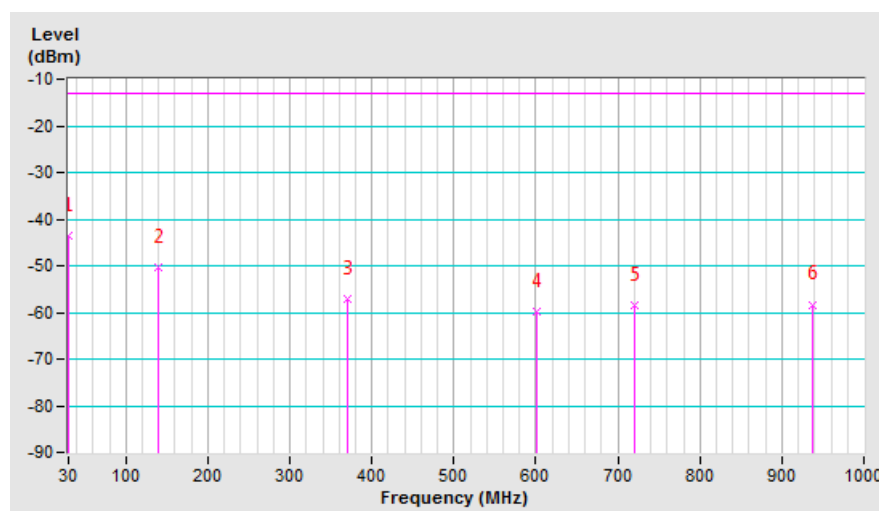


Mode	TX channel 8365 (1962.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	30.97	-33.5	-24.9	-18.8	-43.7	-13.0	-30.7
2	139.61	-47.6	-47.3	-3.1	-50.4	-13.0	-37.4
3	369.50	-56.9	-61.1	3.9	-57.2	-13.0	-44.2
4	600.36	-63.4	-63.5	3.8	-59.7	-13.0	-46.7
5	720.64	-64.6	-62.0	3.6	-58.4	-13.0	-45.4
6	937.92	-67.3	-62.1	3.8	-58.3	-13.0	-45.3

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



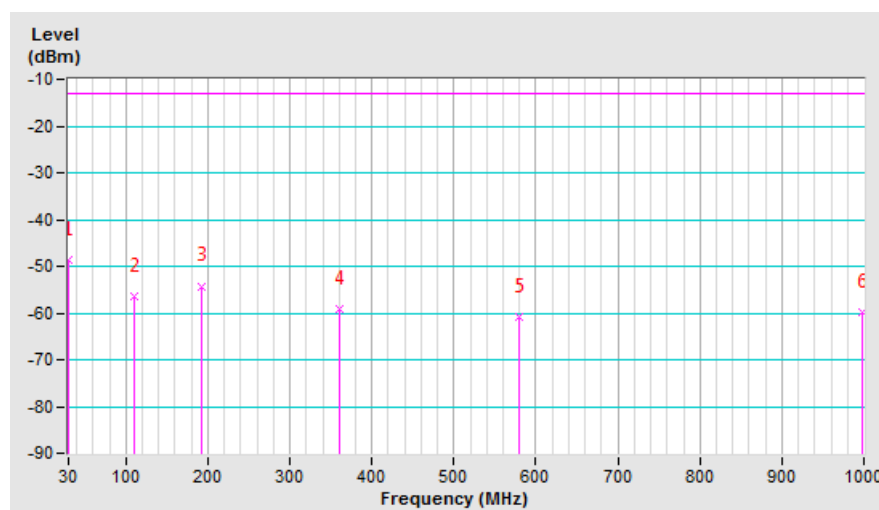
LTE Band 66, Narrowband

Mode	TX channel 66461 (2112.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	30.00	-52.5	-29.1	-19.4	-48.5	-13.0	-35.5
2	109.54	-48.4	-53.8	-2.5	-56.3	-13.0	-43.3
3	192.96	-45.8	-51.6	-2.6	-54.2	-13.0	-41.2
4	360.77	-56.4	-63.1	4.0	-59.1	-13.0	-46.1
5	579.99	-62.0	-64.8	3.8	-61.0	-13.0	-48.0
6	997.09	-68.8	-63.2	3.3	-59.9	-13.0	-46.9

Remarks:

- Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
- Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

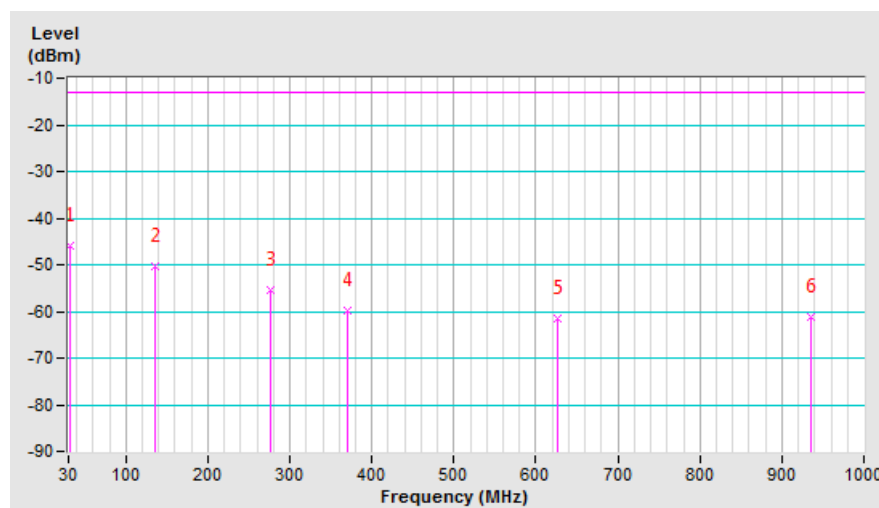


Mode	TX channel 66461 (2112.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	32.91	-35.3	-28.2	-17.7	-45.9	-13.0	-32.9
2	135.73	-46.9	-47.0	-3.2	-50.2	-13.0	-37.2
3	277.35	-58.6	-53.7	-1.6	-55.3	-13.0	-42.3
4	369.50	-59.5	-63.7	3.9	-59.8	-13.0	-46.8
5	625.58	-66.3	-65.1	3.7	-61.4	-13.0	-48.4
6	935.01	-70.1	-64.9	3.7	-61.2	-13.0	-48.2

Remarks:

- Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
- Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



LTE Band 25 + LTE Band 66, Narrowband

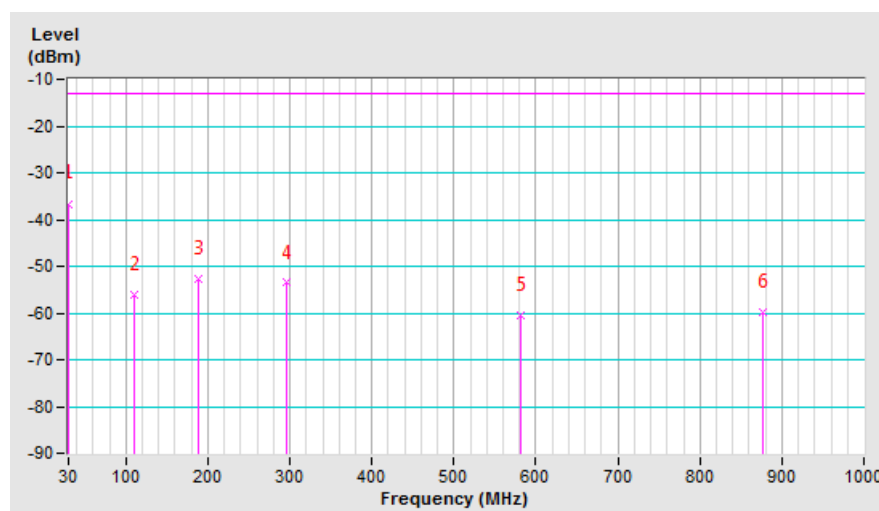
Mode	TX channel 8365 (1962.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	30.97	-40.3	-17.8	-18.8	-36.6	-13.0	-23.6
2	109.54	-48.2	-53.6	-2.5	-56.1	-13.0	-43.1
3	189.08	-44.3	-49.9	-2.8	-52.7	-13.0	-39.7
4	296.75	-50.8	-51.8	-1.8	-53.6	-13.0	-40.6
5	580.96	-61.6	-64.3	3.8	-60.5	-13.0	-47.5
6	876.81	-67.0	-63.2	3.3	-59.9	-13.0	-46.9

Remarks:

- Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
- Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

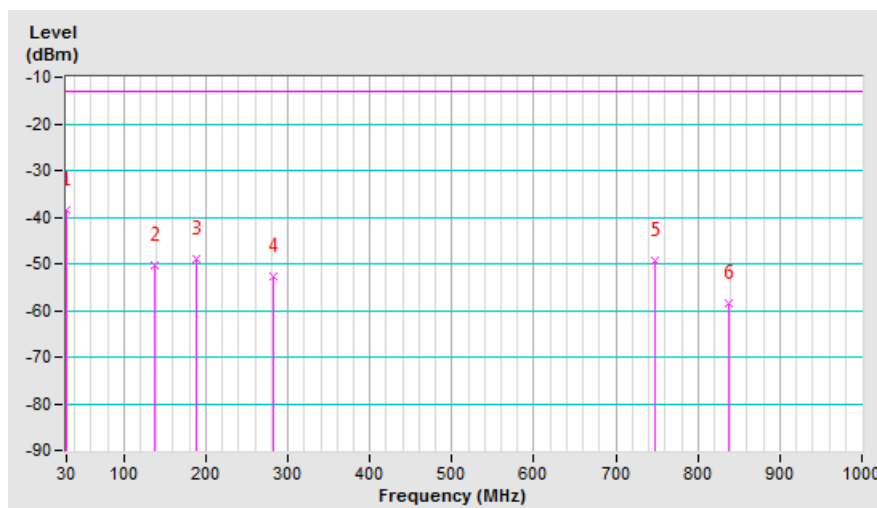


Mode	TX channel 8365 (1962.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	30.00	-28.6	-19.1	-19.4	-38.5	-13.0	-25.5
2	136.70	-47.2	-47.2	-3.2	-50.4	-13.0	-37.4
3	188.11	-46.8	-46.3	-2.7	-49.0	-13.0	-36.0
4	283.17	-55.4	-51.0	-1.7	-52.7	-13.0	-39.7
5	746.83	-56.4	-53.1	3.7	-49.4	-13.0	-36.4
6	838.01	-65.7	-62.2	3.8	-58.4	-13.0	-45.4

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

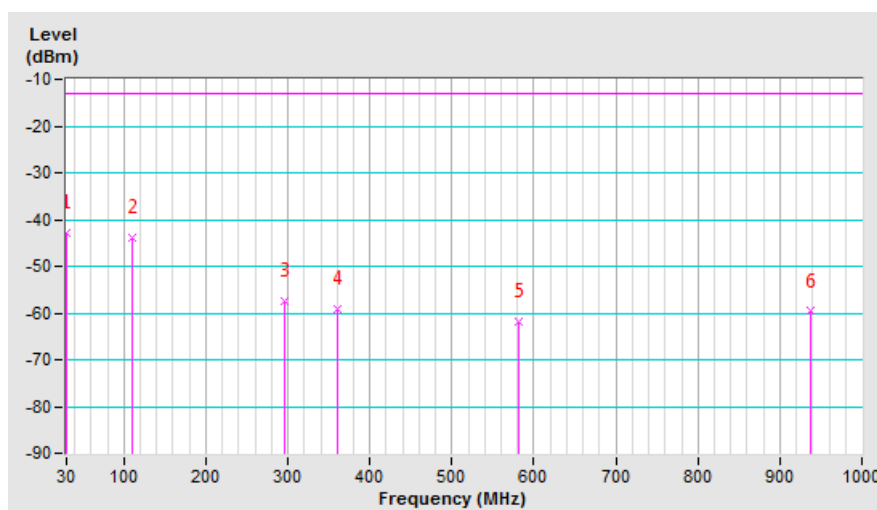


Mode	TX channel 66461 (2112.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	30.00	-46.8	-23.4	-19.4	-42.8	-13.0	-29.8
2	109.54	-35.9	-41.3	-2.5	-43.8	-13.0	-30.8
3	295.78	-54.6	-55.7	-1.8	-57.5	-13.0	-44.5
4	360.77	-56.5	-63.2	4.0	-59.2	-13.0	-46.2
5	580.96	-62.9	-65.6	3.8	-61.8	-13.0	-48.8
6	937.92	-68.0	-63.5	3.8	-59.7	-13.0	-46.7

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

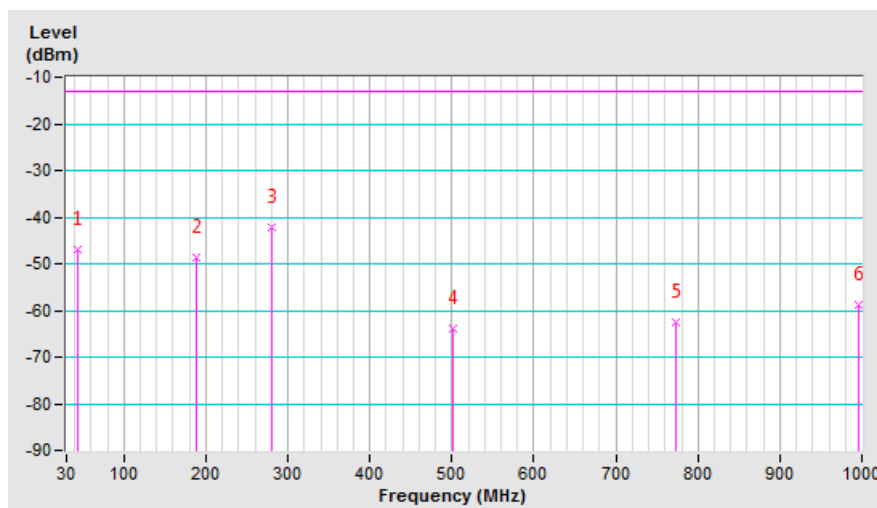


Mode	TX channel 66461 (2112.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	44.55	-38.6	-36.1	-10.9	-47.0	-13.0	-34.0
2	188.11	-46.4	-45.9	-2.7	-48.6	-13.0	-35.6
3	280.26	-45.3	-40.5	-1.6	-42.1	-13.0	-29.1
4	501.42	-63.9	-67.8	3.8	-64.0	-13.0	-51.0
5	773.99	-69.7	-66.7	4.0	-62.7	-13.0	-49.7
6	996.12	-68.9	-62.1	3.3	-58.8	-13.0	-45.8

Remarks:

- Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
- Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



For Internal antenna:

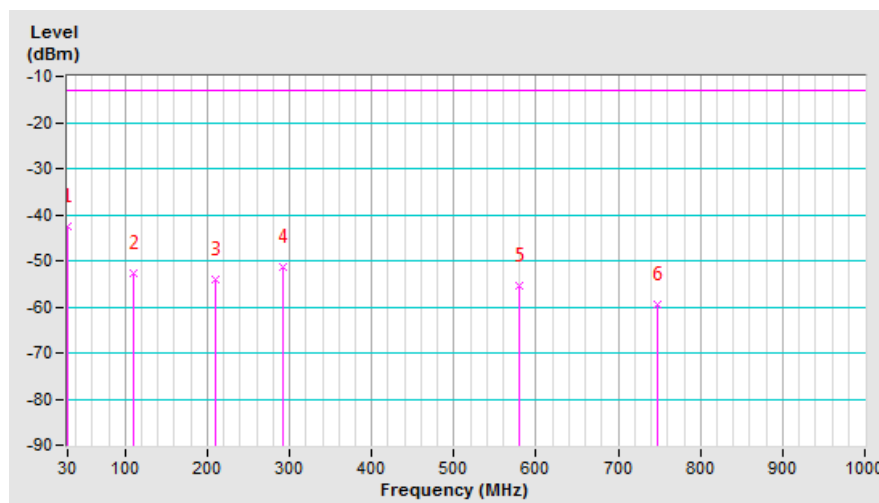
LTE Band 25, Wideband

Mode	TX channel 8365 (1962.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	30.97	-46.4	-23.9	-18.8	-42.7	-13.0	-29.7
2	109.54	-44.8	-50.2	-2.5	-52.7	-13.0	-39.7
3	210.42	-45.6	-52.1	-2.0	-54.1	-13.0	-41.1
4	291.90	-47.7	-49.3	-2.1	-51.4	-13.0	-38.4
5	579.99	-56.5	-59.3	3.8	-55.5	-13.0	-42.5
6	746.83	-63.5	-63.2	3.7	-59.5	-13.0	-46.5

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

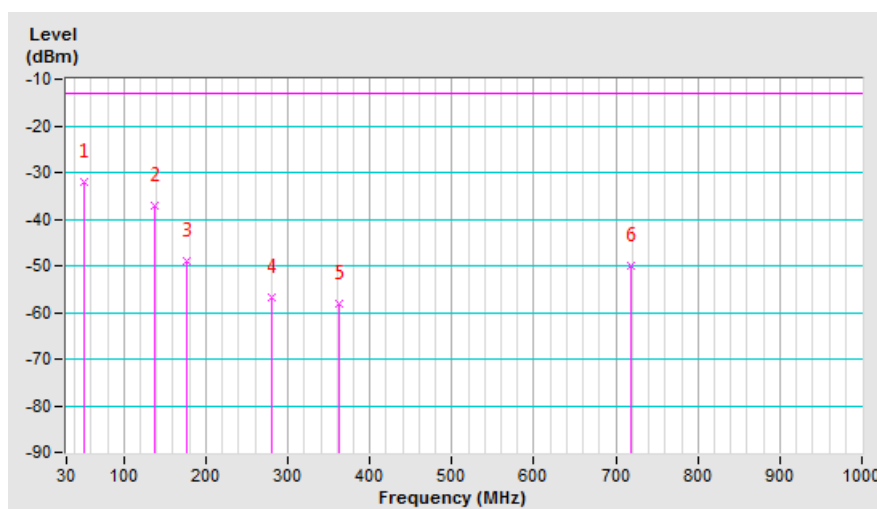


Mode	TX channel 8365 (1962.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	52.31	-25.1	-25.3	-6.8	-32.1	-13.0	-19.1
2	136.70	-34.0	-34.0	-3.2	-37.2	-13.0	-24.2
3	176.47	-45.4	-46.2	-2.9	-49.1	-13.0	-36.1
4	280.26	-60.0	-55.2	-1.6	-56.8	-13.0	-43.8
5	362.71	-57.7	-62.0	3.9	-58.1	-13.0	-45.1
6	718.70	-56.1	-53.6	3.5	-50.1	-13.0	-37.1

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



LTE Band 66, Wideband

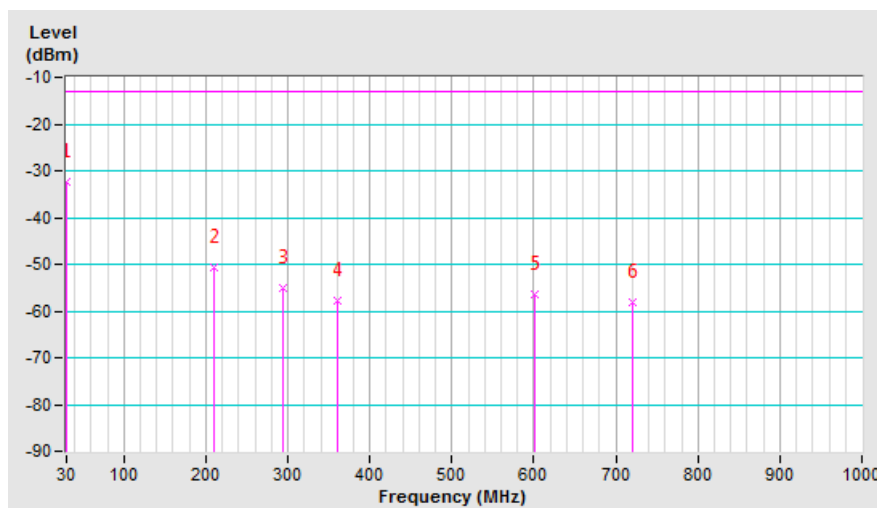
Mode	TX channel 66461 (2112.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	30.00	-36.4	-13.0	-19.4	-32.4	-13.0	-19.4
2	210.42	-42.1	-48.6	-2.0	-50.6	-13.0	-37.6
3	293.84	-51.9	-53.3	-1.8	-55.1	-13.0	-42.1
4	360.77	-55.0	-61.7	4.0	-57.7	-13.0	-44.7
5	600.36	-57.9	-60.2	3.8	-56.4	-13.0	-43.4
6	720.64	-61.6	-61.9	3.6	-58.3	-13.0	-45.3

Remarks:

- Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
- Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

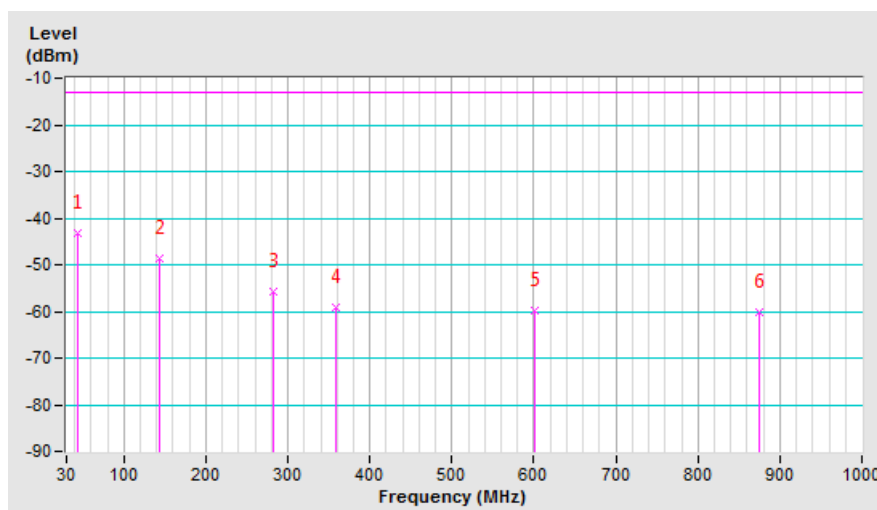


Mode	TX channel 66461 (2112.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	44.55	-34.7	-32.2	-10.9	-43.1	-13.0	-30.1
2	143.49	-46.3	-45.4	-3.1	-48.5	-13.0	-35.5
3	282.20	-58.7	-54.2	-1.7	-55.9	-13.0	-42.9
4	358.83	-58.9	-63.3	4.0	-59.3	-13.0	-46.3
5	600.36	-63.4	-63.5	3.8	-59.7	-13.0	-46.7
6	874.87	-67.6	-63.5	3.4	-60.1	-13.0	-47.1

Remarks:

- Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
- Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



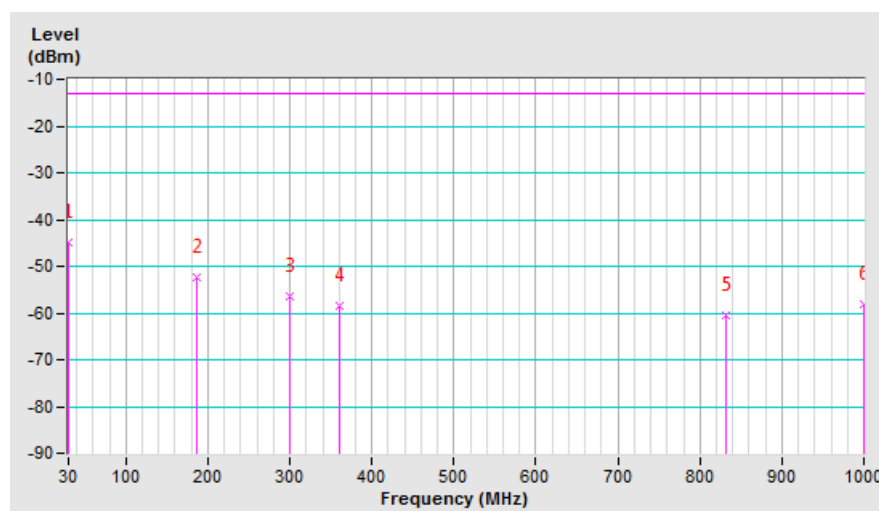
LTE Band 25 + LTE Band 66, Wideband

Mode	TX channel 8365 (1962.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	30.97	-48.6	-26.1	-18.8	-44.9	-13.0	-31.9
2	186.17	-44.1	-49.7	-2.6	-52.3	-13.0	-39.3
3	299.66	-52.2	-59.0	2.5	-56.5	-13.0	-43.5
4	360.77	-55.8	-62.5	4.0	-58.5	-13.0	-45.5
5	831.22	-67.3	-64.3	3.9	-60.4	-13.0	-47.4
6	999.03	-66.9	-61.3	3.3	-58.0	-13.0	-45.0

Remarks:

- Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
- Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

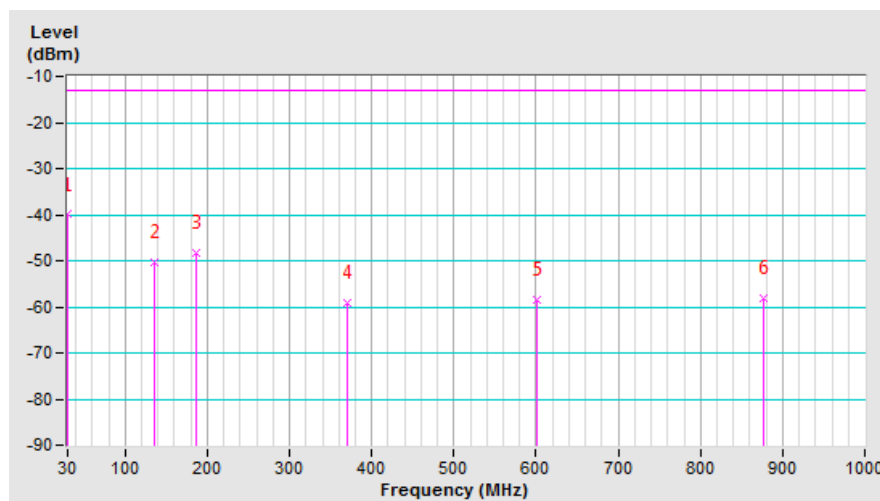


Mode	TX channel 8365 (1962.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	30.00	-30.1	-20.6	-19.4	-40.0	-13.0	-27.0
2	135.73	-47.0	-47.1	-3.2	-50.3	-13.0	-37.3
3	187.14	-46.0	-45.7	-2.7	-48.4	-13.0	-35.4
4	369.50	-58.8	-63.0	3.9	-59.1	-13.0	-46.1
5	600.36	-62.2	-62.3	3.8	-58.5	-13.0	-45.5
6	875.84	-65.6	-61.5	3.3	-58.2	-13.0	-45.2

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

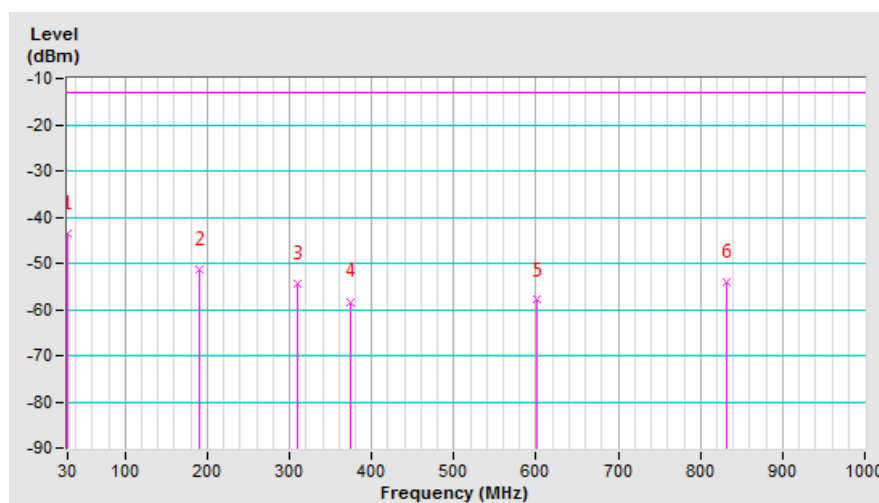


Mode	TX channel 66461 (2112.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	30.00	-47.7	-24.3	-19.4	-43.7	-13.0	-30.7
2	191.02	-42.8	-48.5	-2.7	-51.2	-13.0	-38.2
3	310.33	-50.3	-58.4	3.9	-54.5	-13.0	-41.5
4	373.38	-56.3	-62.0	3.7	-58.3	-13.0	-45.3
5	600.36	-59.5	-61.8	3.8	-58.0	-13.0	-45.0
6	831.22	-60.8	-57.8	3.9	-53.9	-13.0	-40.9

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

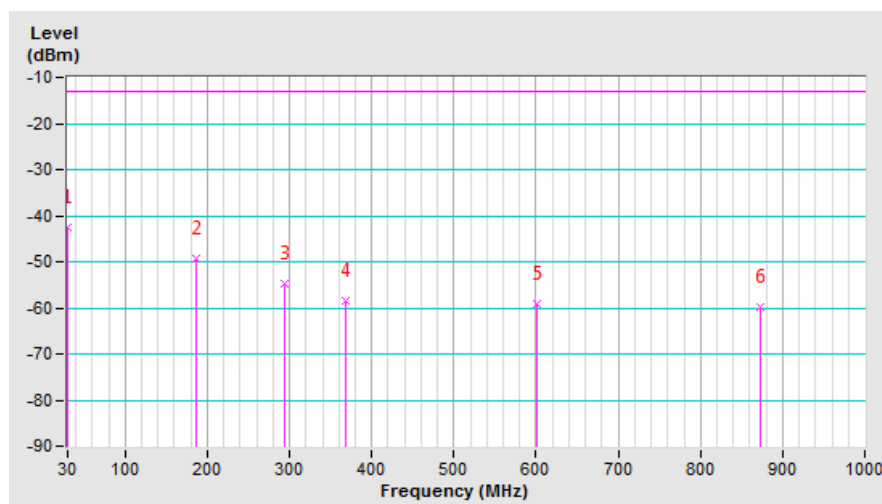


Mode	TX channel 66461 (2112.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	30.97	-32.2	-23.6	-18.8	-42.4	-13.0	-29.4
2	187.14	-46.8	-46.5	-2.7	-49.2	-13.0	-36.2
3	294.81	-54.8	-52.9	-1.8	-54.7	-13.0	-41.7
4	368.53	-58.3	-62.4	3.8	-58.6	-13.0	-45.6
5	600.36	-62.9	-63.0	3.8	-59.2	-13.0	-46.2
6	871.96	-67.2	-63.1	3.4	-59.7	-13.0	-46.7

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



For internal antenna:

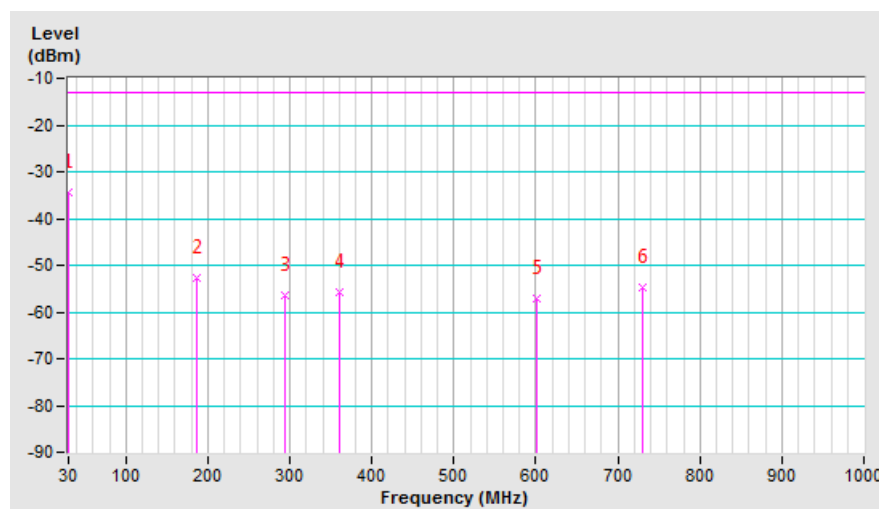
LTE Band 25, Narrowband

Mode	TX channel 8365 (1962.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	30.00	-38.4	-15.0	-19.4	-34.4	-13.0	-21.4
2	186.17	-44.4	-50.0	-2.6	-52.6	-13.0	-39.6
3	293.84	-53.4	-54.8	-1.8	-56.6	-13.0	-43.6
4	360.77	-53.0	-59.7	4.0	-55.7	-13.0	-42.7
5	600.36	-58.7	-61.0	3.8	-57.2	-13.0	-44.2
6	729.37	-58.6	-58.5	3.6	-54.9	-13.0	-41.9

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

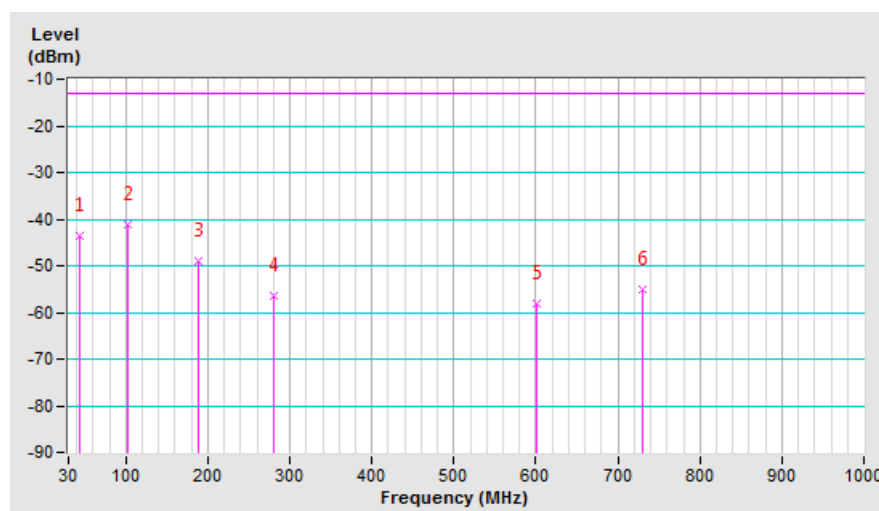


Mode	TX channel 8365 (1962.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	44.55	-35.0	-32.5	-10.9	-43.4	-13.0	-30.4
2	101.78	-32.8	-39.6	-1.6	-41.2	-13.0	-28.2
3	188.11	-46.8	-46.3	-2.7	-49.0	-13.0	-36.0
4	280.26	-59.8	-55.0	-1.6	-56.6	-13.0	-43.6
5	600.36	-61.9	-62.0	3.8	-58.2	-13.0	-45.2
6	729.37	-61.4	-58.6	3.6	-55.0	-13.0	-42.0

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



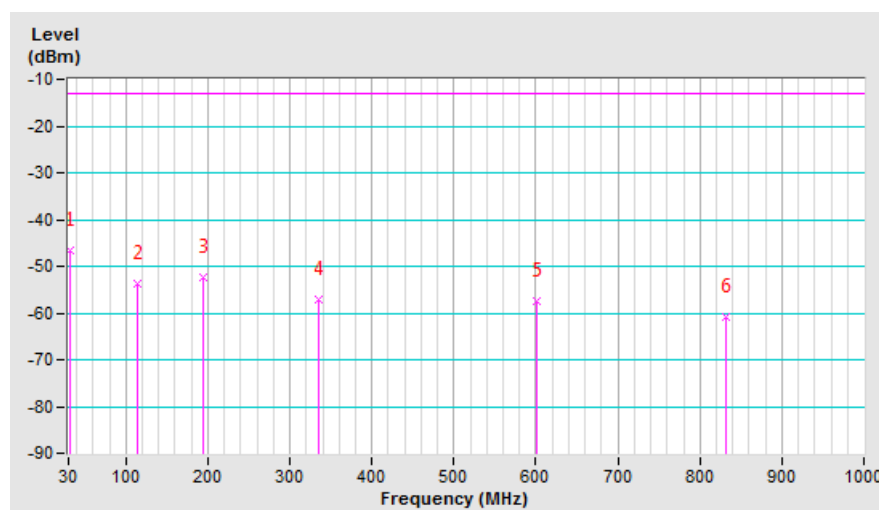
LTE Band 66, Narrowband

Mode	TX channel 66461 (2112.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	31.94	-49.9	-28.2	-18.3	-46.5	-13.0	-33.5
2	113.42	-46.0	-51.0	-2.7	-53.7	-13.0	-40.7
3	193.93	-43.9	-49.8	-2.6	-52.4	-13.0	-39.4
4	334.58	-53.4	-61.1	4.0	-57.1	-13.0	-44.1
5	600.36	-58.9	-61.2	3.8	-57.4	-13.0	-44.4
6	831.22	-67.7	-64.7	3.9	-60.8	-13.0	-47.8

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

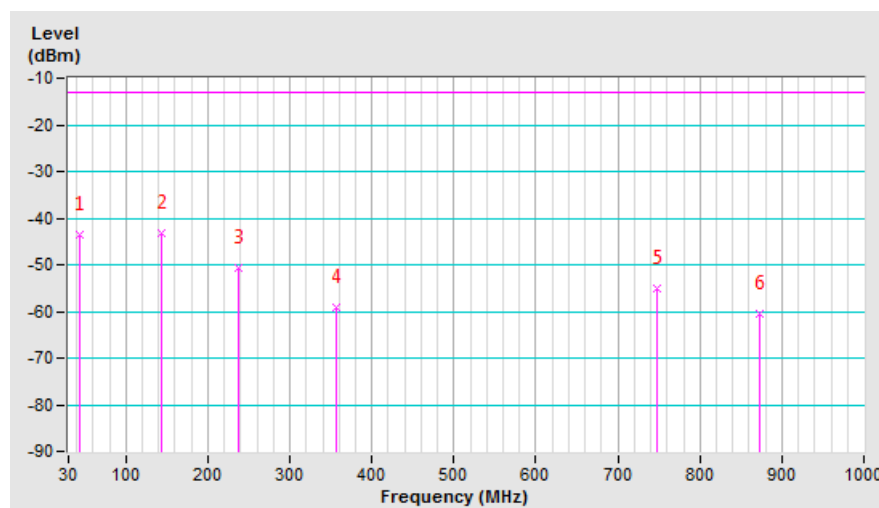


Mode	TX channel 66461 (2112.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	44.55	-35.1	-32.6	-10.9	-43.5	-13.0	-30.5
2	143.49	-40.9	-40.0	-3.1	-43.1	-13.0	-30.1
3	237.58	-48.8	-49.4	-1.4	-50.8	-13.0	-37.8
4	356.89	-58.6	-63.0	4.0	-59.0	-13.0	-46.0
5	746.83	-62.1	-58.8	3.7	-55.1	-13.0	-42.1
6	872.93	-68.1	-64.1	3.5	-60.6	-13.0	-47.6

Remarks:

- Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
- Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



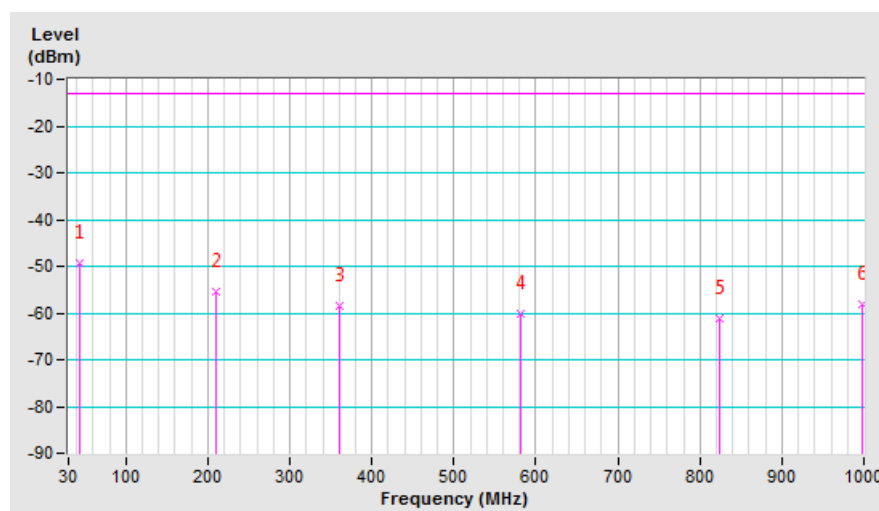
LTE Band 25 + LTE Band 66, Narrowband

Mode	TX channel 8365 (1962.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	43.58	-50.8	-37.9	-11.3	-49.2	-13.0	-36.2
2	210.42	-46.8	-53.3	-2.0	-55.3	-13.0	-42.3
3	360.77	-55.8	-62.5	4.0	-58.5	-13.0	-45.5
4	580.96	-61.2	-63.9	3.8	-60.1	-13.0	-47.1
5	824.43	-68.0	-65.1	3.9	-61.2	-13.0	-48.2
6	998.06	-67.1	-61.5	3.3	-58.2	-13.0	-45.2

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

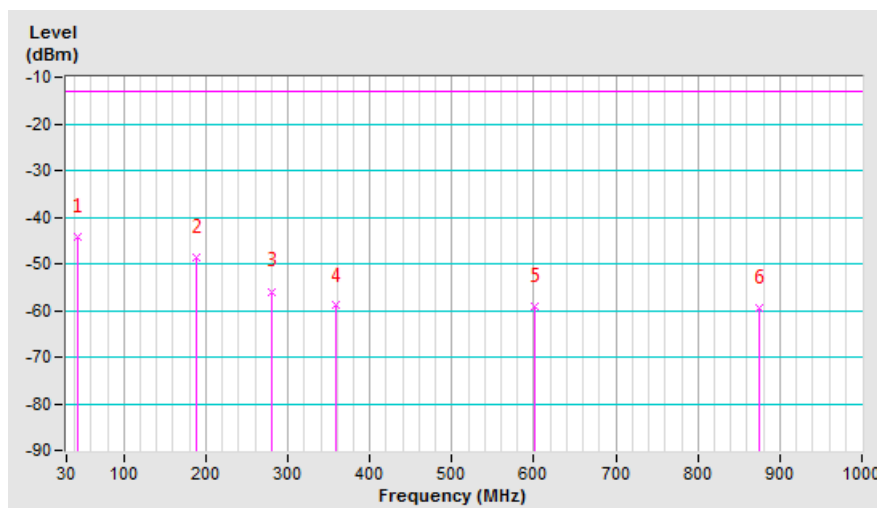


Mode	TX channel 8365 (1962.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	44.55	-35.8	-33.3	-10.9	-44.2	-13.0	-31.2
2	188.11	-46.6	-46.1	-2.7	-48.8	-13.0	-35.8
3	280.26	-59.1	-54.3	-1.6	-55.9	-13.0	-42.9
4	357.86	-58.6	-63.0	4.0	-59.0	-13.0	-46.0
5	600.36	-62.8	-62.9	3.8	-59.1	-13.0	-46.1
6	874.87	-66.9	-62.8	3.4	-59.4	-13.0	-46.4

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

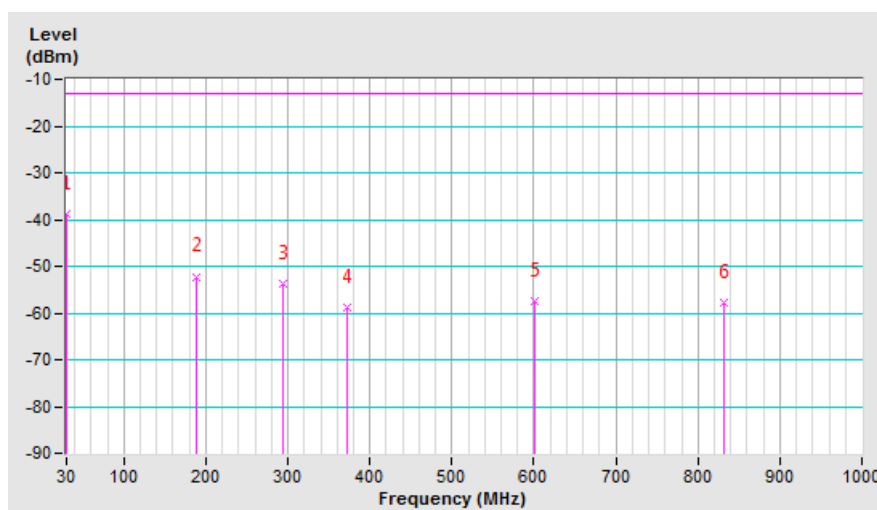


Mode	TX channel 66461 (2112.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	30.00	-42.8	-19.4	-19.4	-38.8	-13.0	-25.8
2	189.08	-43.8	-49.4	-2.8	-52.2	-13.0	-39.2
3	294.81	-50.5	-51.8	-1.8	-53.6	-13.0	-40.6
4	372.41	-56.7	-62.5	3.8	-58.7	-13.0	-45.7
5	600.36	-59.0	-61.3	3.8	-57.5	-13.0	-44.5
6	831.22	-64.8	-61.8	3.9	-57.9	-13.0	-44.9

Remarks:

1. Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

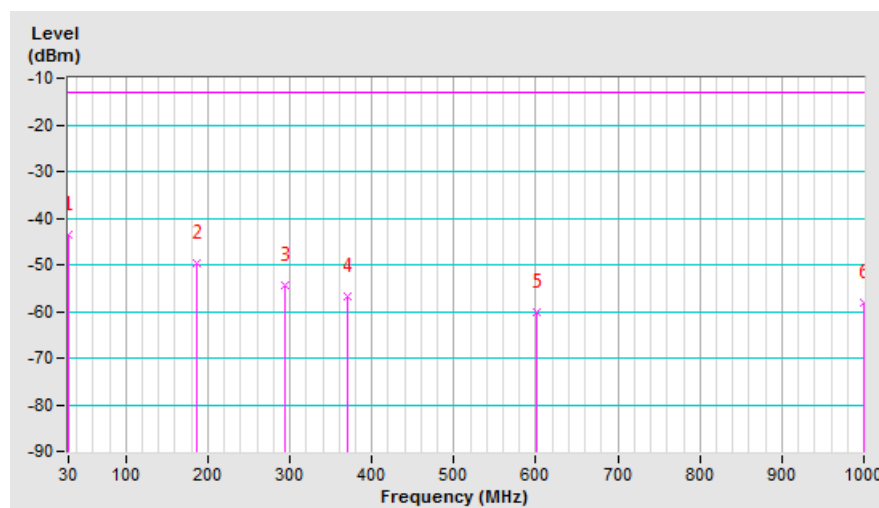


Mode	TX channel 66461 (2112.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	30.00	-33.7	-24.2	-19.4	-43.6	-13.0	-30.6
2	186.17	-47.0	-47.0	-2.6	-49.6	-13.0	-36.6
3	293.84	-54.6	-52.6	-1.8	-54.4	-13.0	-41.4
4	370.47	-56.5	-60.7	3.9	-56.8	-13.0	-43.8
5	600.36	-63.8	-63.9	3.8	-60.1	-13.0	-47.1
6	1000.00	-68.2	-61.3	3.2	-58.1	-13.0	-45.1

Remarks:

- Output Power (dBm) = S.G Value (dBm) + Correction Factor (dB).
- Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Above 1GHz Data :

For External antenna:

LTE Band 25, Wideband

Mode	TX channel 8065 (1932.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3865.00	-61.5	-53.1	1.3	-51.8	-13.0	-38.8
2	7730.00	-59.3	-41.3	1.2	-40.1	-13.0	-27.1
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3865.00	-60.0	-51.4	1.3	-50.1	-13.0	-37.1
2	7730.00	-57.4	-39.5	1.2	-38.3	-13.0	-25.3

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 8365 (1962.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3925.00	-62.2	-53.7	1.3	-52.4	-13.0	-39.4
2	7850.00	-52.5	-34.2	1.1	-33.1	-13.0	-20.1
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3925.00	-60.4	-51.7	1.3	-50.4	-13.0	-37.4
2	7850.00	-50.4	-32.4	1.1	-31.3	-13.0	-18.3

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 8665 (1992.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3985.00	-61.9	-53.4	1.3	-52.1	-13.0	-39.1
2	7970.00	-55.3	-36.6	1.2	-35.4	-13.0	-22.4
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3985.00	-60.2	-51.6	1.3	-50.3	-13.0	-37.3
2	7970.00	-53.1	-34.9	1.2	-33.7	-13.0	-20.7

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 66, Wideband

Mode	TX channel 66461 (2112.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4225.00	-62.5	-53.9	1.0	-52.9	-13.0	-39.9
2	8450.00	-45.7	-26.5	1.1	-25.4	-13.0	-12.4
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4225.00	-61.5	-51.8	1.0	-50.8	-13.0	-37.8
2	8450.00	-41.9	-23.4	1.1	-22.3	-13.0	-9.3

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 66886 (2155MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4310.00	-61.4	-52.1	1.0	-51.1	-13.0	-38.1
2	8620.00	-55.4	-35.6	1.2	-34.4	-13.0	-21.4
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4310.00	-60.9	-51.5	1.0	-50.5	-13.0	-37.5
2	8620.00	-52.0	-32.8	1.2	-31.6	-13.0	-18.6

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 67311 (2197.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4395.00	-62.6	-52.5	1.0	-51.5	-13.0	-38.5
2	8790.00	-60.2	-40.1	1.2	-38.9	-13.0	-25.9
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4395.00	-61.1	-51.9	1.0	-50.9	-13.0	-37.9
2	8790.00	-58.7	-38.6	1.2	-37.4	-13.0	-24.4

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 25 + LTE Band 66, Wideband

Mode	TX channel 8365 (1962.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3925.00	-62.6	-54.1	1.3	-52.8	-13.0	-39.8
2	7850.00	-53.1	-34.8	1.1	-33.7	-13.0	-20.7
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3925.00	-60.8	-52.1	1.3	-50.8	-13.0	-37.8
2	7850.00	-50.9	-32.9	1.1	-31.8	-13.0	-18.8

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 66461 (2112.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4225.00	-63.2	-54.6	1.0	-53.6	-13.0	-40.6
2	8450.00	-46.3	-27.1	1.1	-26.0	-13.0	-13.0
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4225.00	-61.8	-52.1	1.0	-51.1	-13.0	-38.1
2	8450.00	-42.6	-24.1	1.1	-23.0	-13.0	-10.0

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 25, Narrowband

Mode	TX channel 8065 (1932.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3865.00	-60.8	-52.4	1.3	-51.1	-13.0	-38.1
2	7730.00	-54.7	-36.7	1.2	-35.5	-13.0	-22.5
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3865.00	-60.1	-51.5	1.3	-50.2	-13.0	-37.2
2	7730.00	-52.3	-34.4	1.2	-33.2	-13.0	-20.2

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 8365 (1962.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3925.00	-61.3	-52.8	1.3	-51.5	-13.0	-38.5
2	7850.00	-48.6	-30.3	1.1	-29.2	-13.0	-16.2
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3925.00	-60.5	-51.8	1.3	-50.5	-13.0	-37.5
2	7850.00	-46.7	-28.7	1.1	-27.6	-13.0	-14.6

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 8665 (1992.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3985.00	-61.8	-53.3	1.3	-52.0	-13.0	-39.0
2	7970.00	-49.7	-31.0	1.2	-29.8	-13.0	-16.8
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3985.00	-60.4	-51.8	1.3	-50.5	-13.0	-37.5
2	7970.00	-47.4	-29.2	1.2	-28.0	-13.0	-15.0

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 66, Narrowband

Mode	TX channel 66461 (2112.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4225.00	-61.4	-52.8	1.0	-51.8	-13.0	-38.8
2	8450.00	-53.5	-34.3	1.1	-33.2	-13.0	-20.2
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4225.00	-60.4	-50.7	1.0	-49.7	-13.0	-36.7
2	8450.00	-49.5	-31.0	1.1	-29.9	-13.0	-16.9

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 66886 (2155MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4310.00	-61.1	-51.8	1.0	-50.8	-13.0	-37.8
2	8620.00	-58.4	-38.6	1.2	-37.4	-13.0	-24.4
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4310.00	-60.5	-51.1	1.0	-50.1	-13.0	-37.1
2	8620.00	-53.6	-34.4	1.2	-33.2	-13.0	-20.2

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 67311 (2197.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4395.00	-62.3	-52.2	1.0	-51.2	-13.0	-38.2
2	8790.00	-60.2	-40.1	1.2	-38.9	-13.0	-25.9
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4395.00	-61.6	-52.4	1.0	-51.4	-13.0	-38.4
2	8790.00	-59.8	-39.7	1.2	-38.5	-13.0	-25.5

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 25 + LTE Band 66, Narrowband

Mode	TX channel 8365 (1962.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3925.00	-61.9	-53.4	1.3	-52.1	-13.0	-39.1
2	7850.00	-49.2	-30.9	1.1	-29.8	-13.0	-16.8
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3925.00	-61.1	-52.4	1.3	-51.1	-13.0	-38.1
2	7850.00	-47.3	-29.3	1.1	-28.2	-13.0	-15.2

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 66461 (2112.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4225.00	-61.9	-53.3	1.0	-52.3	-13.0	-39.3
2	8450.00	-54.2	-35.0	1.1	-33.9	-13.0	-20.9
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4225.00	-60.7	-51.0	1.0	-50.0	-13.0	-37.0
2	8450.00	-50.2	-31.7	1.1	-30.6	-13.0	-17.6

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

For internal antenna:

LTE Band 25, Wideband

Mode	TX channel 8065 (1932.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3865.00	-53.2	-44.8	1.3	-43.5	-13.0	-30.5
2	7730.00	-54.8	-36.8	1.2	-35.6	-13.0	-22.6
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3865.00	-51.6	-43.0	1.3	-41.7	-13.0	-28.7
2	7730.00	-53.1	-35.2	1.2	-34.0	-13.0	-21.0

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 8365 (1962.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3925.00	-53.2	-44.7	1.3	-43.4	-13.0	-30.4
2	7850.00	-48.2	-29.9	1.1	-28.8	-13.0	-15.8
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3925.00	-51.8	-43.1	1.3	-41.8	-13.0	-28.8
2	7850.00	-46.2	-28.2	1.1	-27.1	-13.0	-14.1

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 8665 (1992.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3983.00	-56.3	-47.8	1.3	-46.5	-13.0	-33.5
2	7970.00	-51.2	-32.5	1.2	-31.3	-13.0	-18.3
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3983.00	-54.7	-46.1	1.3	-44.8	-13.0	-31.8
2	7970.00	-49.1	-30.9	1.2	-29.7	-13.0	-16.7

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 66, Wideband

Mode	TX channel 66461 (2112.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4225.00	-60.9	-52.3	1.0	-51.3	-13.0	-38.3
2	8450.00	-41.2	-22.0	1.1	-20.9	-13.0	-7.9
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4225.00	-60.2	-50.5	1.0	-49.5	-13.0	-36.5
2	8450.00	-37.4	-18.9	1.1	-17.8	-13.0	-4.8

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 66886 (2155MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4310.00	-61.2	-51.9	1.0	-50.9	-13.0	-37.9
2	8620.00	-51.2	-31.4	1.2	-30.2	-13.0	-17.2
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4310.00	-60.6	-51.2	1.0	-50.2	-13.0	-37.2
2	8620.00	-47.6	-28.4	1.2	-27.2	-13.0	-14.2

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 67311 (2197.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4395.00	-61.7	-51.6	1.0	-50.6	-13.0	-37.6
2	8790.00	-59.4	-39.3	1.2	-38.1	-13.0	-25.1
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4395.00	-60.8	-51.6	1.0	-50.6	-13.0	-37.6
2	8790.00	-56.4	-36.3	1.2	-35.1	-13.0	-22.1

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 25 + LTE Band 66, Wideband

Mode	TX channel 8365 (1962.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3925.00	-53.8	-45.3	1.3	-44.0	-13.0	-31.0
2	7850.00	-48.9	-30.6	1.1	-29.5	-13.0	-16.5
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3925.00	-52.4	-43.7	1.3	-42.4	-13.0	-29.4
2	7850.00	-46.7	-28.7	1.1	-27.6	-13.0	-14.6

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 66461 (2112.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4225.00	-61.3	-52.7	1.0	-51.7	-13.0	-38.7
2	8450.00	-41.6	-22.4	1.1	-21.3	-13.0	-8.3
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4225.00	-60.6	-50.9	1.0	-49.9	-13.0	-36.9
2	8450.00	-37.8	-19.3	1.1	-18.2	-13.0	-5.2

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 25, Narrowband

Mode	TX channel 8065 (1932.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3865.00	-51.5	-43.1	1.3	-41.8	-13.0	-28.8
2	7730.00	-52.3	-34.3	1.2	-33.1	-13.0	-20.1
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3865.00	-49.7	-41.1	1.3	-39.8	-13.0	-26.8
2	7730.00	-50.2	-32.3	1.2	-31.1	-13.0	-18.1

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 8365 (1962.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3925.00	-51.1	-42.6	1.3	-41.3	-13.0	-28.3
2	7850.00	-46.6	-28.3	1.1	-27.2	-13.0	-14.2
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3925.00	-49.2	-40.5	1.3	-39.2	-13.0	-26.2
2	7850.00	-44.3	-26.3	1.1	-25.2	-13.0	-12.2

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 8665 (1992.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3985.00	-53.5	-45.0	1.3	-43.7	-13.0	-30.7
2	7970.00	-47.4	-28.7	1.2	-27.5	-13.0	-14.5
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3985.00	-51.6	-43.0	1.3	-41.7	-13.0	-28.7
2	7970.00	-45.0	-26.8	1.2	-25.6	-13.0	-12.6

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 66, Narrowband

Mode	TX channel 66461 (2112.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4225.00	-61.1	-52.5	1.0	-51.5	-13.0	-38.5
2	8450.00	-51.2	-32.0	1.1	-30.9	-13.0	-17.9
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4225.00	-60.2	-50.5	1.0	-49.5	-13.0	-36.5
2	8450.00	-47.3	-28.8	1.1	-27.7	-13.0	-14.7

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 66886 (2155MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4310.00	-61.4	-52.1	1.0	-51.1	-13.0	-38.1
2	8620.00	-56.1	-36.3	1.2	-35.1	-13.0	-22.1
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4310.00	-60.5	-51.1	1.0	-50.1	-13.0	-37.1
2	8620.00	-51.3	-32.1	1.2	-30.9	-13.0	-17.9

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 67311 (2197.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4395.00	-62.1	-52.0	1.0	-51.0	-13.0	-38.0
2	8790.00	-59.7	-39.6	1.2	-38.4	-13.0	-25.4
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4395.00	-61.2	-52.0	1.0	-51.0	-13.0	-38.0
2	8790.00	-58.4	-38.3	1.2	-37.1	-13.0	-24.1

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 25 + LTE Band 66, Narrowband

Mode	TX channel 8365 (1962.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3925.00	-52.2	-43.7	1.3	-42.4	-13.0	-29.4
2	7850.00	-47.5	-29.2	1.1	-28.1	-13.0	-15.1
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3925.00	-49.9	-41.2	1.3	-39.9	-13.0	-26.9
2	7850.00	-44.8	-26.8	1.1	-25.7	-13.0	-12.7

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 66461 (2112.5MHz)	Frequency Range	1GHz ~ 22GHz
Environmental Conditions	24deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4225.00	-62.2	-53.6	1.0	-52.6	-13.0	-39.6
2	8450.00	-52.1	-32.9	1.1	-31.8	-13.0	-18.8
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	4225.00	-61.1	-51.4	1.0	-50.4	-13.0	-37.4
2	8450.00	-48.2	-29.7	1.1	-28.6	-13.0	-15.6

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

5 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo).

Appendix – Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

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The address and road map of all our labs can be found in our web site also.

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