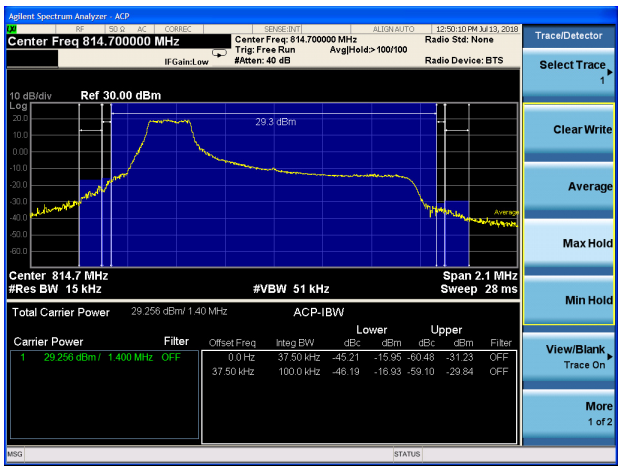
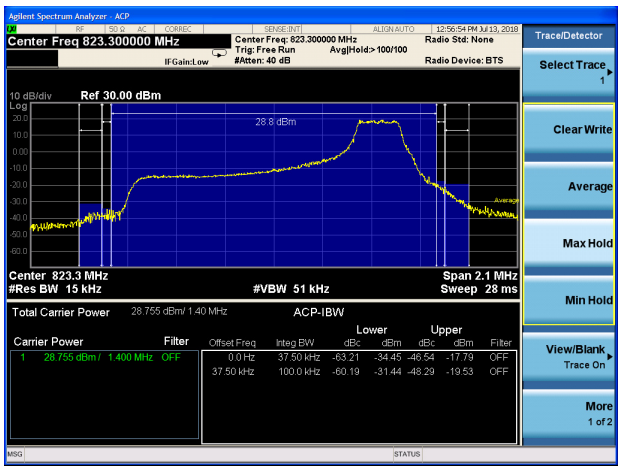
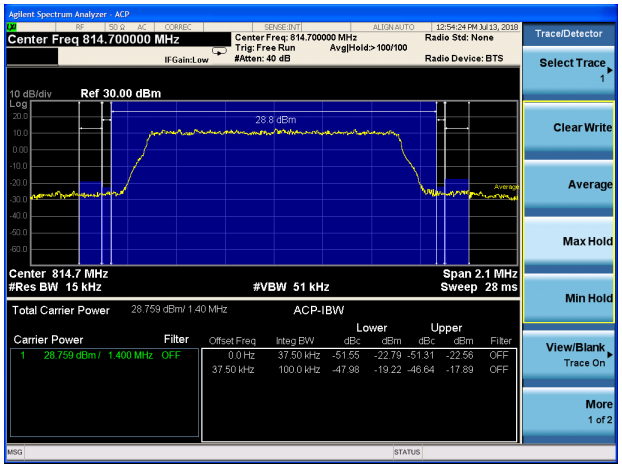
LTE Band 26 64QAM 1.4MHz CH-Low 1RB



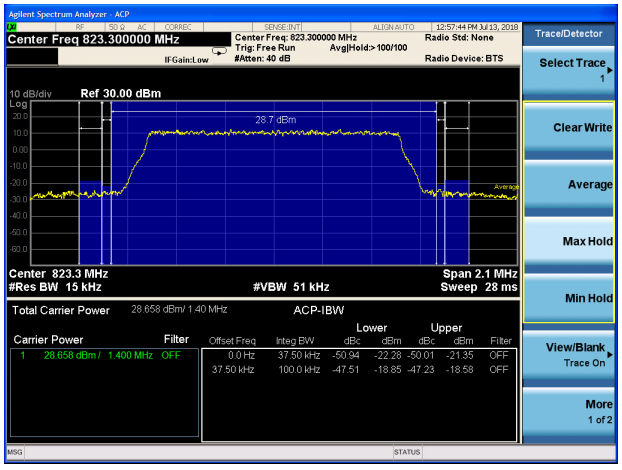
LTE Band 26 64QAM 1.4MHz CH-High 1RB



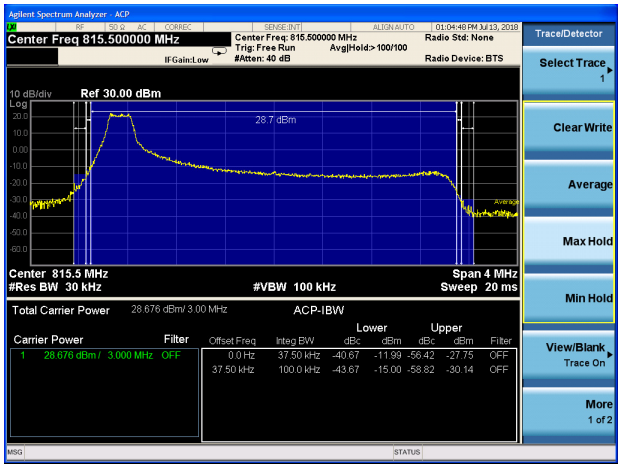
LTE Band 26 64QAM 1.4MHz CH-Low 100%RB



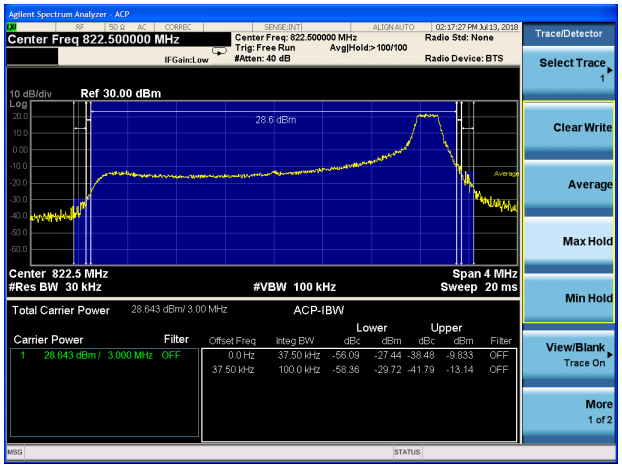
LTE Band 26 64QAM 1.4MHz CH-High 100%RB



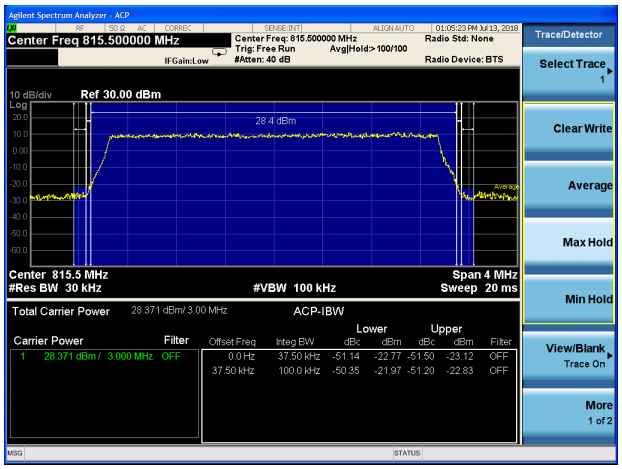
LTE Band 26 64QAM 3MHz CH-Low 1RB



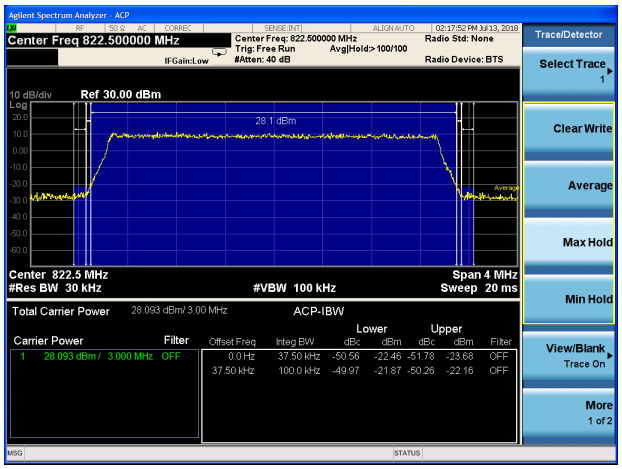
LTE Band 26 64QAM 3MHz CH-High 1RB



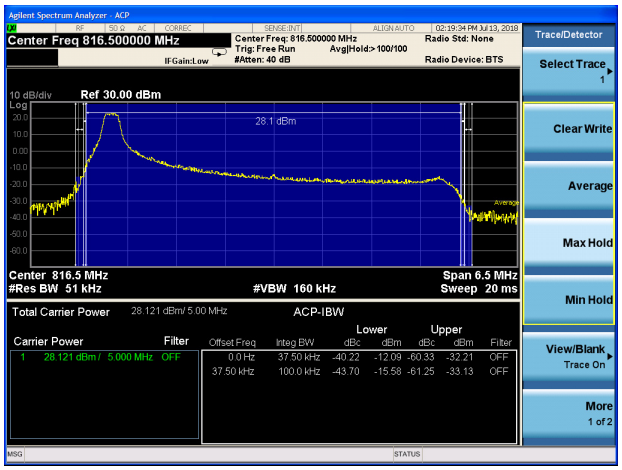
LTE Band 26 64QAM 3MHz CH-Low 100%RB



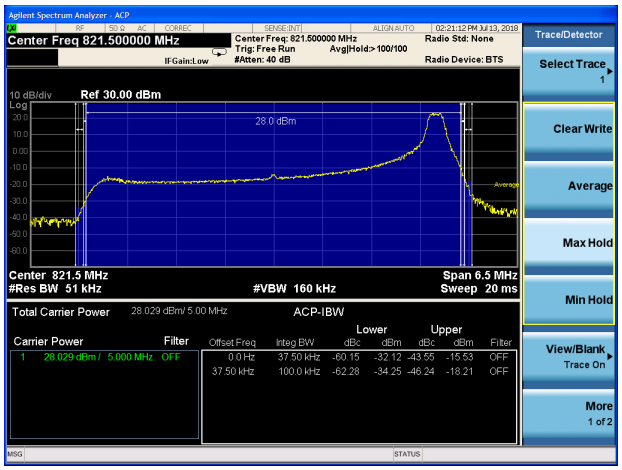
LTE Band 26 64QAM 3MHz CH-High 100%RB



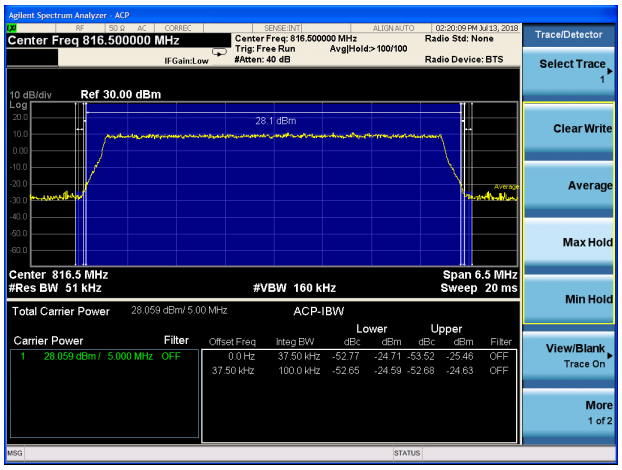
LTE Band 26 64QAM 5MHz CH-Low 1RB



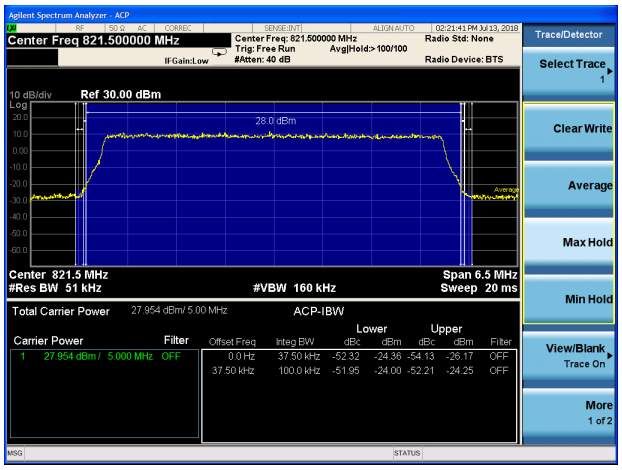
LTE Band 26 64QAM 5MHz CH-High 1RB

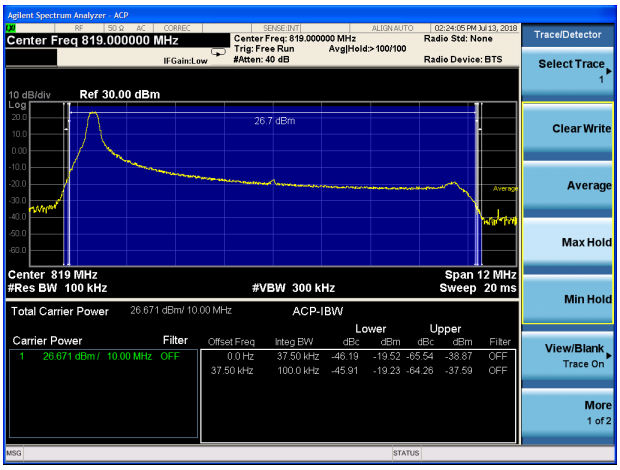
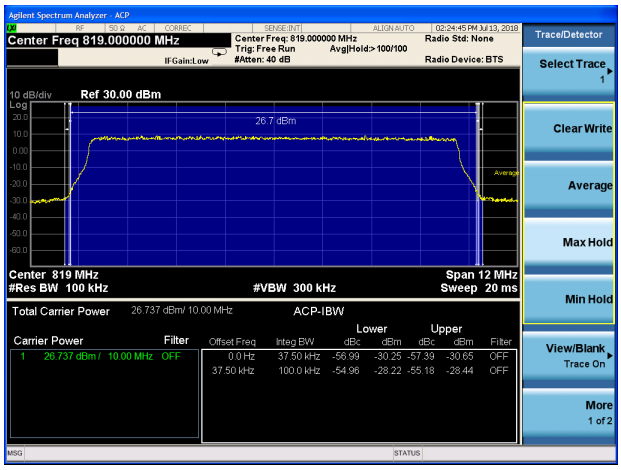


LTE Band 26 64QAM 5MHz CH-Low 100%RB



LTE Band 26 64QAM 5MHz CH-High 100%RB



LTE Band 26 64QAM 10MHz CH-Middle 1RB	LTE Band 26 64QAM 10MHz CH-Middle 100%RB
	

5.5. Peak-to-Average Power Ratio (PAPR)

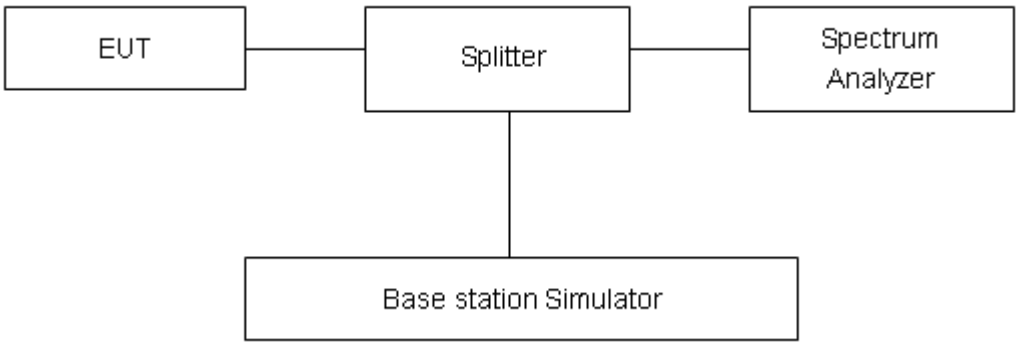
Ambient condition

Temperature	Relative humidity
21°C ~25°C	40%~60%

Methods of Measurement

Measure the total peak power and record as PPk. And measure the total average power and record as PAvg. Both the peak and average power levels must be expressed in the same logarithmic units (*e.g.*, dBm). Determine the PAPR from:
PAPR (dB) = PPk (dBm) - PAvg (dBm).

Test Setup



Limits

In measuring transmissions in this band using an average power technique, the peakto-average ratio (PAR) of the transmission may not exceed 13 dB in 24.232(d).

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the

normal distribution is with the coverage factor k = 2, U= 0.4 dB.

Test Results

LTE Band 26								
Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
QPSK	1.4	26697	814.7	28.28	23.10	5.18	≤13	PASS
		26740	819	28.25	23.13	5.12	≤13	PASS
		26783	823.3	28.31	23.11	5.20	≤13	PASS
	3	26697	814.7	28.31	23.08	5.23	≤13	PASS
		26740	819	28.33	23.09	5.24	≤13	PASS
		26783	823.3	28.31	23.06	5.25	≤13	PASS
	5	26697	814.7	28.26	23.05	5.21	≤13	PASS
		26740	819	28.23	23.04	5.19	≤13	PASS
		26783	823.3	28.22	23.02	5.20	≤13	PASS
	10	26740	819	28.12	22.92	5.20	≤13	PASS
16QAM	1.4	26697	814.7	28.05	22.06	5.99	≤13	PASS
		26740	819	27.94	22.02	5.92	≤13	PASS
		26783	823.3	28.14	22.14	6.00	≤13	PASS
	3	26697	814.7	28.02	22.03	5.99	≤13	PASS
		26740	819	27.93	21.97	5.96	≤13	PASS
		26783	823.3	28.05	22.10	5.95	≤13	PASS
	5	26697	814.7	28.04	22.01	6.03	≤13	PASS
		26740	819	27.93	21.93	6.00	≤13	PASS
		26783	823.3	28.08	22.07	6.01	≤13	PASS
	10	26740	819	27.91	21.95	5.96	≤13	PASS
64QAM	1.4	26697	814.7	25.86	19.72	6.14	≤13	PASS
		26740	819	25.90	19.83	6.07	≤13	PASS
		26783	823.3	25.91	19.76	6.15	≤13	PASS
	3	26697	814.7	25.89	19.75	6.14	≤13	PASS
		26740	819	25.98	19.87	6.11	≤13	PASS
		26783	823.3	25.89	19.79	6.10	≤13	PASS
	5	26697	814.7	25.89	19.71	6.18	≤13	PASS
		26740	819	25.94	19.79	6.15	≤13	PASS
		26783	823.3	25.87	19.71	6.16	≤13	PASS
	10	26740	819	25.94	19.83	6.11	≤13	PASS

5.6. Frequency Stability

Ambient condition

Temperature	Relative humidity
21°C ~25°C	40%~60%

Method of Measurement

Frequency Stability (Temperature Variation)

The temperature inside the climate chamber is varied from -30°C to +50°C in 10°C step size,

(1) With all power removed, the temperature was decreased to 0°C and permitted to stabilize for three hours.

(2) Measure the carrier frequency with the test equipment in a “call mode”. These measurements should be made within 1 minute of powering up the mobile station, to prevent significant self warming.

(3) Repeat the above measurements at 10°C increments from -30°C to +50°C. Allow at least 1.5 hours at each temperature, un-powered, before making measurements.

Frequency Stability (Voltage Variation)

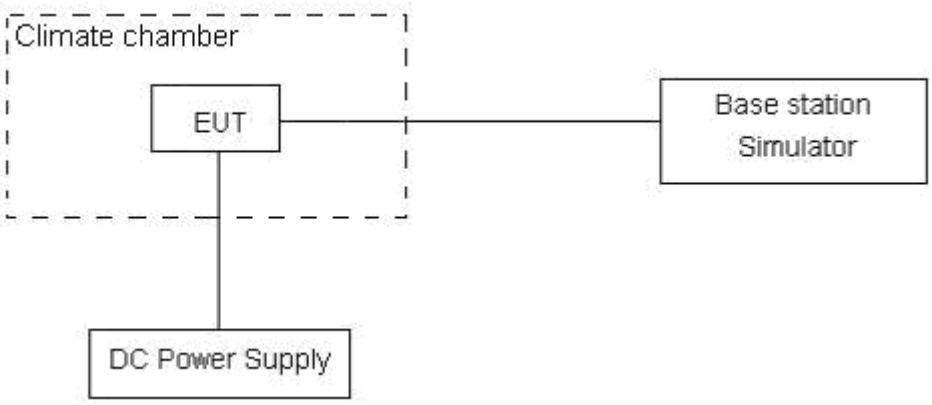
The frequency stability shall be measured with variation of primary supply voltage as follows:

(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.

This transceiver is specified to operate with an input voltage of between 3.6 V and 4.35 V, with a nominal voltage of 3.8V.

Test setup



Limits

According to the Sec. 90.213.(a) Unless noted elsewhere, transmitters used in the services governed by this part must have a minimum frequency stability as specified in the following table.
Minimum Frequency Stability
[Parts per million (ppm)]

Frequency range (MHz)	Fixed and base stations	Mobile stations	
		Over 2 watts output power	2 watts or less output power
809-824	1.5	2.5	2.5

Measurement Uncertainty

The assessed measurement uncertainty to ensure 99.75％ confidence level for the normal distribution is with the coverage factor k = 3,U= 0.01ppm.

Test Result

LTE Band 26					
(QPSK, 10MHz BANDWIDTH)					
Condition		814	824	Delta (Hz)	Frequency Stability(ppm)
Temperature	Voltage	F low@-13dBm(MHz)	F high@-13dBm(MHz)		
Normal（25°C）	Normal	814.4402	823.6078	-0.34	-0.00042
Extreme（50°C）		814.4399	823.6081	-1.34	-0.00164
Extreme（40°C）		814.4414	823.6066	-1.03	-0.00126
Extreme（30°C）		814.4395	823.6085	-0.41	-0.00050
Extreme（20°C）		814.4392	823.6088	0.23	0.00028
Extreme（10C）		814.4407	823.6076	1.85	0.00226
Extreme（0°C）		814.4398	823.6084	0.92	0.00112
Extreme（-10°C）		814.4393	823.6087	1.12	0.00137
Extreme（-20°C）		814.4409	823.6071	0.16	0.00020
Extreme（-30°C）		814.4458	823.6087	0.23	0.00028
25°C	LV	814.4395	823.6085	1.32	0.00161
	HV	814.4401	823.6079	1.24	0.00151
(16QAM,10MHz BANDWIDTH)					
Condition		814	824	Delta (Hz)	Frequency Stability(ppm)
Temperature	Voltage	F low@-13dBm(MHz)	F high@-13dBm(MHz)		
Normal（25°C）	Normal	814.4941	823.5271	1.16	0.00142
Extreme（50°C）		814.4944	823.5268	2.27	0.00277
Extreme（40°C）		814.4929	823.5285	0.63	0.00077
Extreme（30°C）		814.4948	823.5264	1.24	0.00151
Extreme（20°C）		814.4951	823.5261	1.29	0.00158
Extreme（10C）		814.4938	823.5276	1.90	0.00232
Extreme（0°C）		814.4947	823.5265	1.13	0.00138
Extreme（-10°C）		814.4954	823.5262	-0.17	-0.00021
Extreme（-20°C）		814.4934	823.5278	1.39	0.00170
Extreme（-30°C）		814.4943	823.5269	1.63	0.00199
25°C	LV	814.4948	823.5264	0.73	0.00089
	HV	814.4942	823.5278	1.85	0.00226
(64QAM,10MHz BANDWIDTH)					
Condition		814	824	Delta (Hz)	Frequency Stability(ppm)
Temperature	Voltage	F low@-13dBm(MHz)	F high@-13dBm(MHz)		
Normal（25°C）	Normal	814.4954	823.5258	-3.32	-0.00405
Extreme（50°C）		814.4957	823.5255	-4.22	-0.00515
Extreme（40°C）		814.4942	823.5272	0.09	0.00011
Extreme（30°C）		814.4961	823.5251	0.26	0.00032

Extreme（20°C）		814.4964	823.5248	0.23	0.00028
Extreme（10C）		814.4951	823.5263	-2.33	-0.00284
Extreme（0°C）		814.4960	823.5252	-4.00	-0.00488
Extreme（-10°C）		814.4967	823.5249	-0.81	-0.00099
Extreme（-20°C）		814.4947	823.5265	-4.48	-0.00547
Extreme（-30°C）		814.4956	823.5256	-4.66	-0.00569
25°C	LV	814.4961	823.5251	-2.66	-0.00325
	HV	814.4955	823.5265	-1.36	-0.00166

5.7. Spurious Emissions at Antenna Terminals

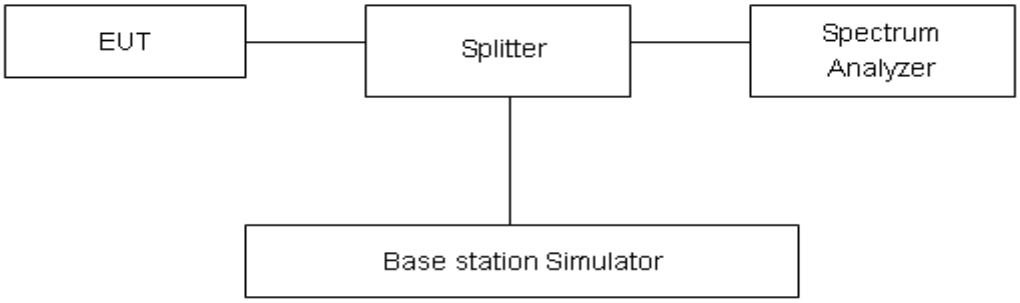
Ambient condition

Temperature	Relative humidity
21°C ~25°C	40%~60%

Method of Measurement

The EUT was connected to Spectrum Analyzer and Base Station Simulator via power Splitter. The measurement is carried out using a spectrum analyzer. The spectrum analyzer scans from 9kHz to the 10th harmonic of the carrier.
The peak detector is used. RBW are set to 100 kHz and VBW are set to 300 kHz for below 1G, RBW are set to 1MHz and VBW are set to 3MHz for above 1G, Sweep is set to ATUO.
The modulation mode and RB allocation refer to section 5.1, using the maximum output power configuration.

Test setup



Limits

Rule Part 90.691 specifies that “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.”

Limit	-13 dBm

Measurement Uncertainty

The assessed measurement uncertainty to ensure 99.75% confidence level for the normal distribution is with the coverage factor k = 1.96.

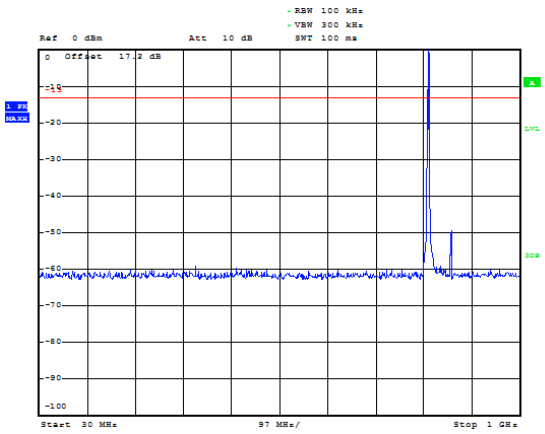
Frequency	Uncertainty
9kHz-1GHz	0.684 dB
1GHz-10GHz	1.407 dB

Test Result

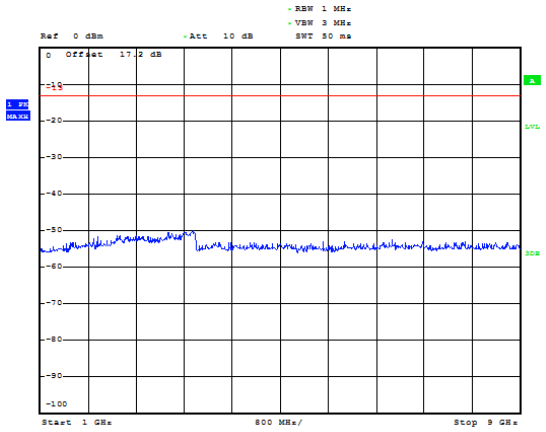
Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier, the emissions more than 20 dB below the limit are not reported.

The signal beyond the limit is carrier.

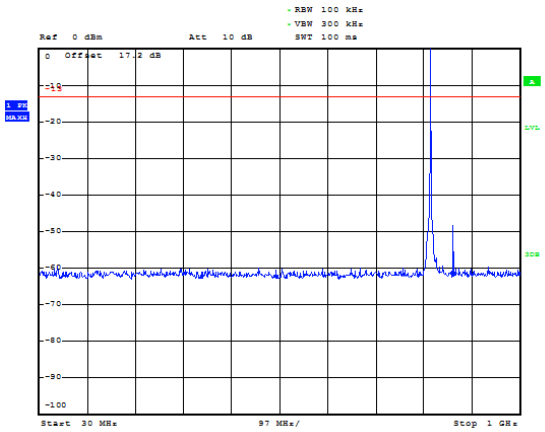
LTE Band 26 1.4MHz CH-Low 30MHz~1GHz



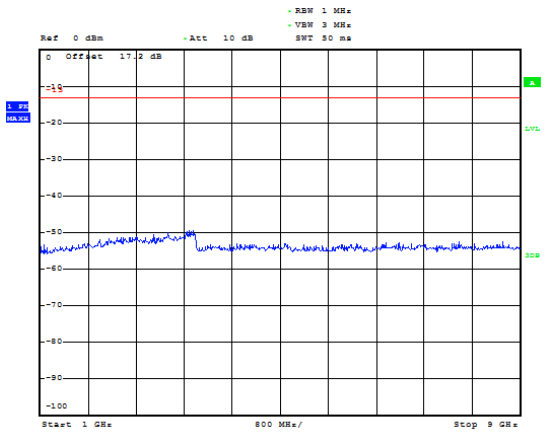
LTE Band 26 1.4MHz CH-Low 1GHz~9GHz



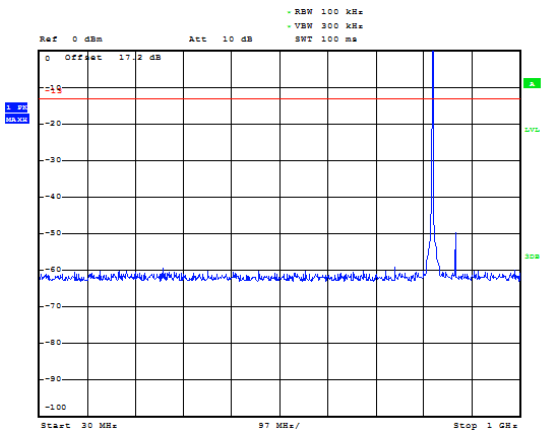
LTE Band 26 1.4MHz CH-Middle 30MHz~1GHz



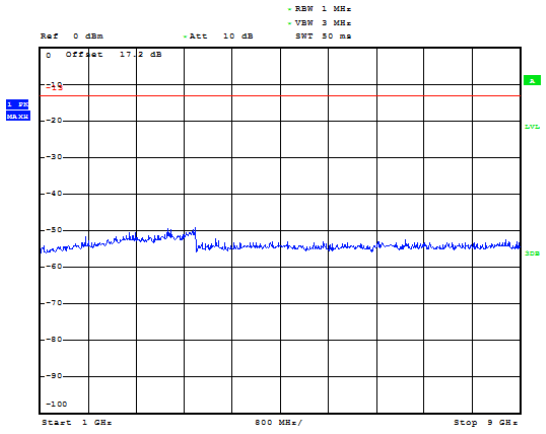
LTE Band 26 1.4MHz CH-Middle 1GHz~9GHz



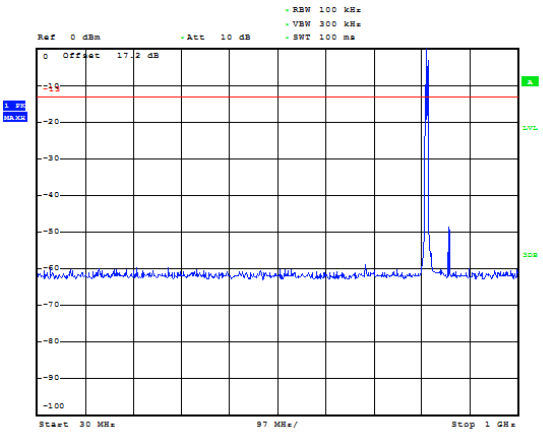
LTE Band 26 1.4MHz CH-High 30MHz~1GHz



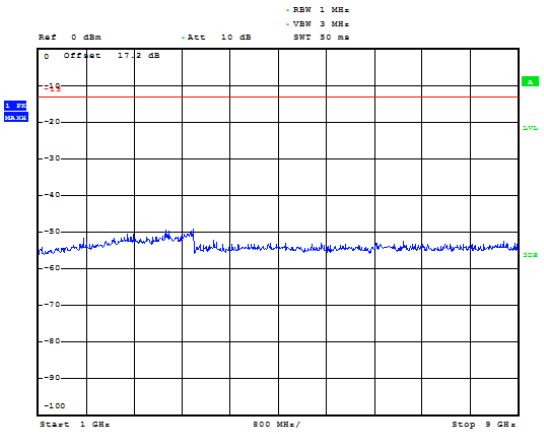
LTE Band 26 1.4MHz CH-High 1GHz~9GHz



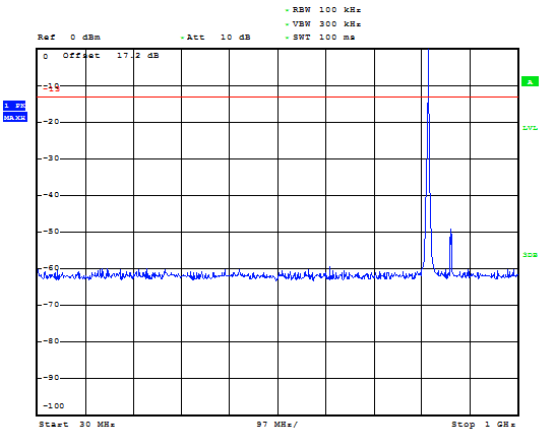
LTE Band 26 3MHz CH-Low 30MHz~1GHz



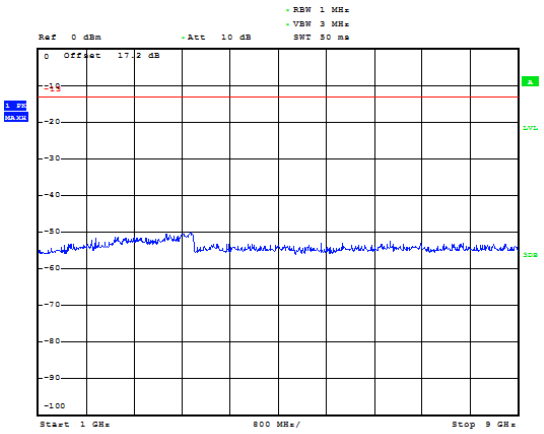
LTE Band 26 3MHz CH-Low 1GHz~9GHz



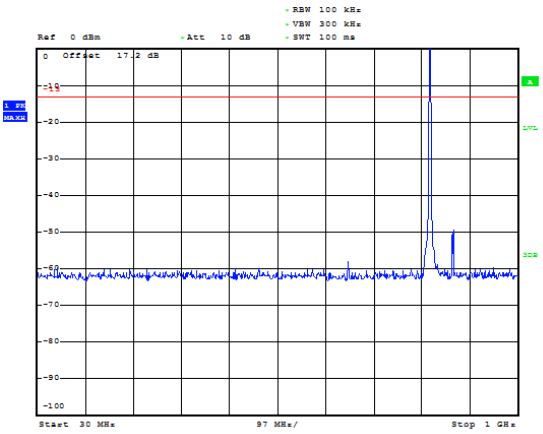
LTE Band 26 3MHz CH-Middle 30MHz~1GHz



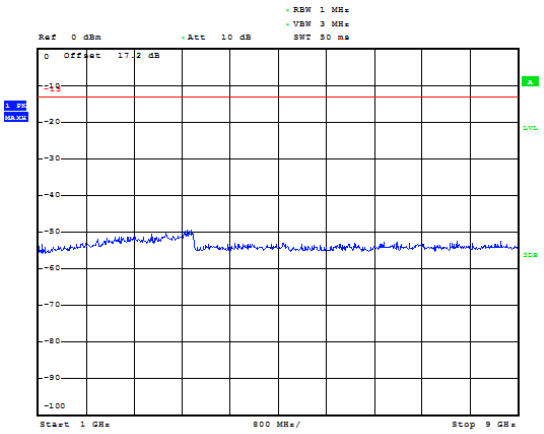
LTE Band 26 3MHz CH-Middle 1GHz~9GHz



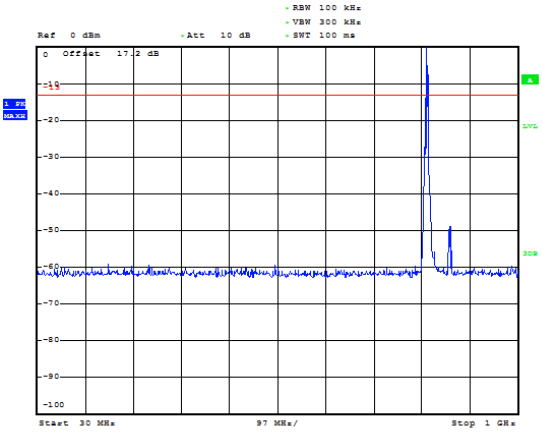
LTE Band 26 3MHz CH-High 30MHz~1GHz



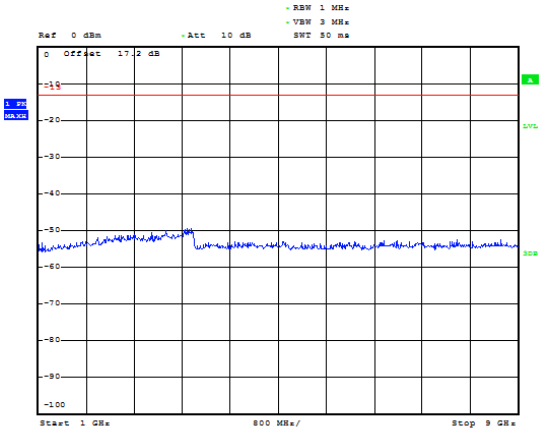
LTE Band 26 3MHz CH-High 1GHz~9GHz



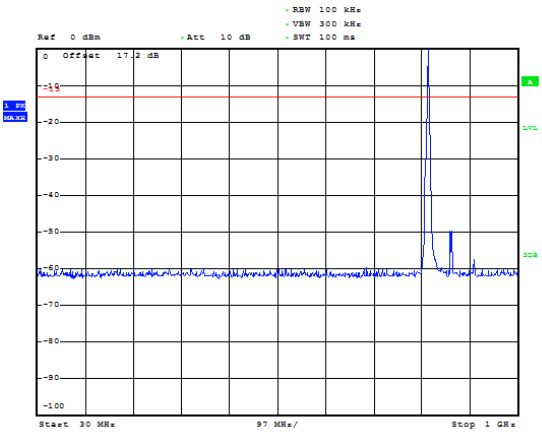
LTE Band 26 5MHz CH-Low 30MHz~1GHz



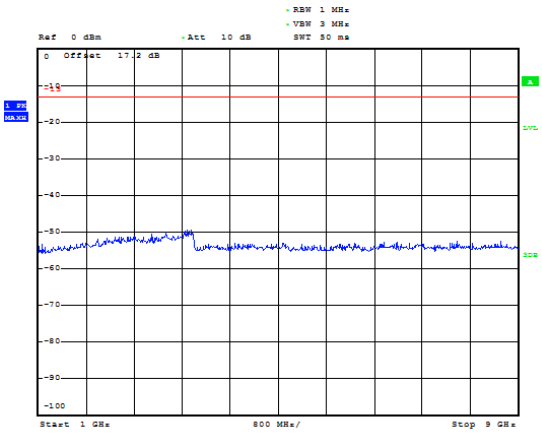
LTE Band 26 5MHz CH-Low 1GHz~9GHz



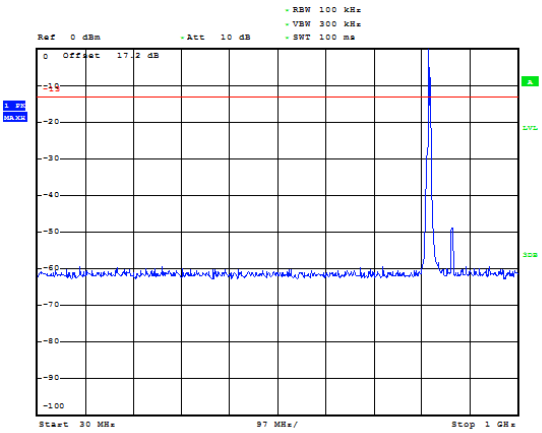
LTE Band 26 5MHz CH-Middle 30MHz~1GHz



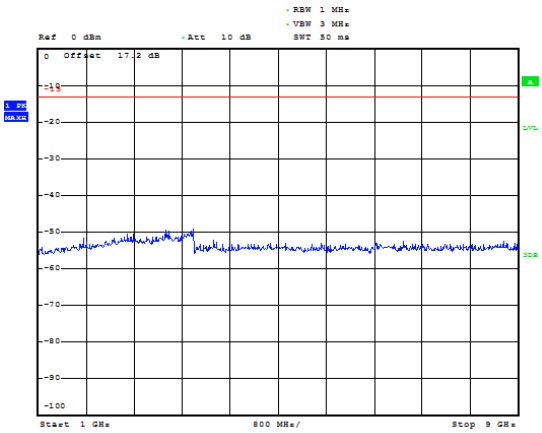
LTE Band 26 5MHz CH-Middle 1GHz~9GHz

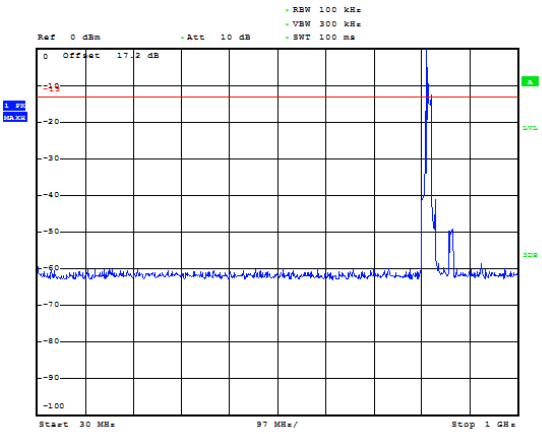
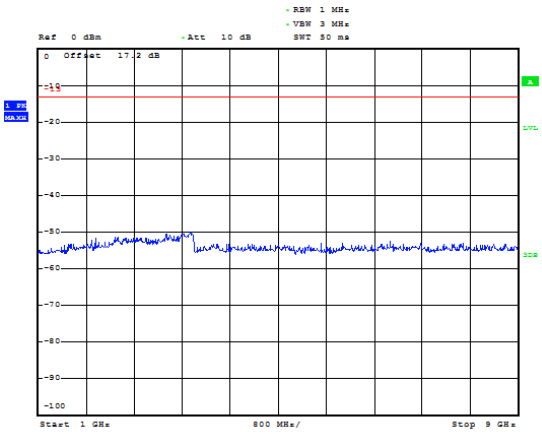


LTE Band 26 5MHz CH-High 30MHz~1GHz



LTE Band 26 5MHz CH-High 1GHz~9GHz



LTE Band 26 10MHz CH-Middle 30MHz~1GHz	LTE Band 26 10MHz CH-Middle 1GHz~9GHz
	

5.8. Radiates Spurious Emission

Ambient condition

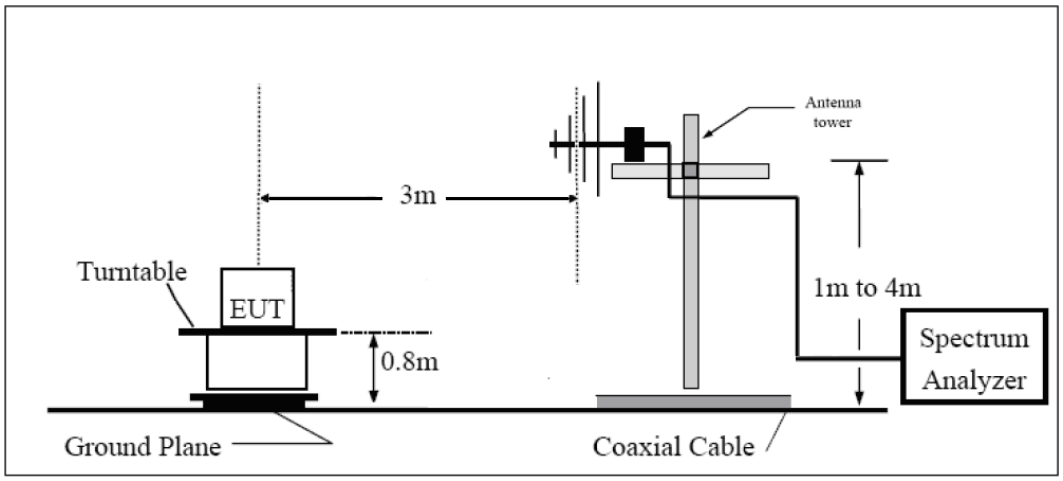
Temperature	Relative humidity
21°C ~25°C	40%~60%

Method of Measurement

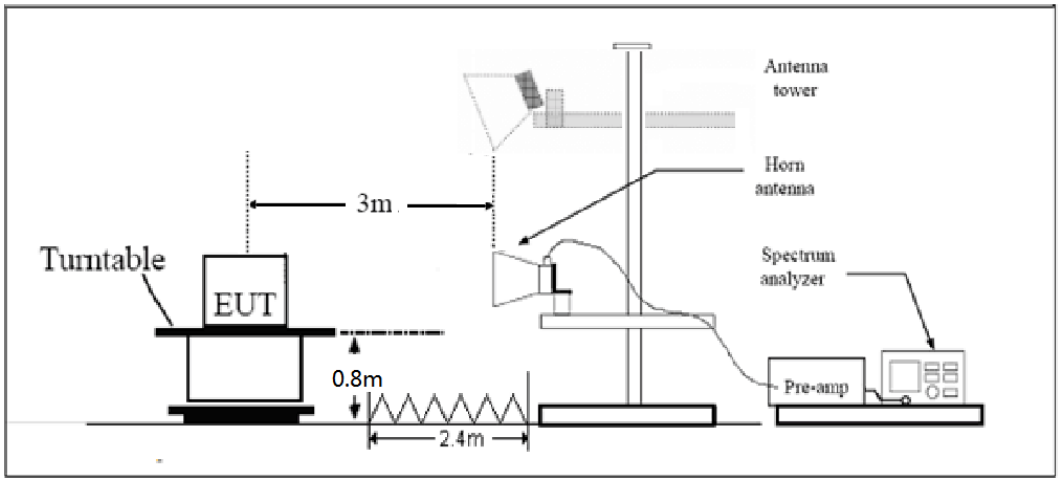
1. The testing follows FCC KDB 971168 v03r01 Section 5.8 and ANSI/TIA-603-E (2016).
2. The EUT is placed on a turntable 0.8 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H).
3. A log-periodic antenna or double-ridged waveguide horn antenna shall be substituted in place of the EUT. The log-periodic antenna will be driven by a signal generator and the level will be adjusted till the same power value on the spectrum analyzer or receiver. The level of the spurious emissions can be calculated through the level of the signal generator, cable loss, the gain of the substitution antenna and the reading of the spectrum analyzer or receiver.
4. The EUT is then put into continuously transmitting mode at its maximum power level during the test.Set Test Receiver or Spectrum RBW=1MHz,VBW=3MHz for above 1GHz and RBW=100kHz,VBW=300kHz for 30MHz to 1GHz,, And the maximum value of the receiver should be recorded as (Pr).
5. The EUT shall be replaced by a substitution antenna. In the chamber, an substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF Signal source for the frequency band of interest is connected to the substitution antenna with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A power (PMea) is applied to the input of the substitution antenna, and adjust the level of the signal generator output until the value of the receiver reach the previously recorded (Pr). The power of signal source (PMea) is recorded. The test should be performed by rotating the test item and adjusting the receiving antenna polarization.
6. A amplifier should be connected to the Signal Source output port. And the cable should be connect between the Amplifier and the Substitution Antenna. The cable loss (Pcl) ,the Substitution Antenna Gain (Ga) and the Amplifier Gain (PAg) should be recorded after test.
7. The measurement results are obtained as described below:
Power(EIRP)=PMea- PAg - Pcl + Ga
The measurement results are amend as described below:
Power(EIRP)=PMea- Pcl + Ga
8. This value is EIRP since the measurement is calibrated using an antenna of known gain (2.15 dBi) and known input power. ERP can be calculated from EIRP by subtracting the gain of the dipole, ERP = EIRP-2.15dBi.
The modulation mode and RB allocation refer to section 5.1, using the maximum output power configuration.

Test setup

30MHz~~~ 1GHz



Above 1GHz



Note: Area side:2.4mX3.6m

Limits

Rule Part 90.691 specifies that “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.”

Limit	-13 dBm

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95％ confidence level for the normal distribution is with the coverage factor *k* = 1.96, *U*= 3.55 dB.

Test Result

Sweep the whole frequency band through the range from 30MHz to the 10th harmonic of the carrier, the emissions below the noise floor will not be recorded in the report.

Main antenna (Ant1)

LTE Band 26 1.4MHz CH Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1638.00	-64.35	2.00	10.75	vertical	-57.75	-13.00	44.75	315
3	2457.00	-61.91	2.51	11.05	vertical	-55.52	-13.00	42.52	225
4	3276.00	-62.49	4.20	11.15	vertical	-57.69	-13.00	44.69	315
5	4095.00	-59.71	5.20	11.15	vertical	-55.91	-13.00	42.91	135
6	4914.00	-57.91	5.50	11.95	vertical	-53.61	-13.00	40.61	270
7	5733.00	-58.58	5.70	13.55	vertical	-52.88	-13.00	39.88	315
8	6552.00	-56.59	6.30	13.75	vertical	-51.29	-13.00	38.29	135
9	7371.00	-52.58	6.80	13.85	vertical	-47.68	-13.00	34.68	270
10	8190.00	-52.48	6.90	14.25	vertical	-47.28	-13.00	34.28	45
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2.The worst emission was found in the antenna is Horizontal position.									

LTE Band 26 5MHz CH Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1638.00	-68.10	2.00	10.75	vertical	-61.50	-13.00	48.50	45
3	2457.00	-62.19	2.51	11.05	vertical	-55.80	-13.00	42.80	45
4	3276.00	-62.36	4.20	11.15	vertical	-57.56	-13.00	44.56	45
5	4095.00	-59.66	5.20	11.15	vertical	-55.86	-13.00	42.86	45
6	4914.00	-57.85	5.50	11.95	vertical	-53.55	-13.00	40.55	0
7	5733.00	-58.15	5.70	13.55	vertical	-52.45	-13.00	39.45	315
8	6552.00	-56.99	6.30	13.75	vertical	-51.69	-13.00	38.69	135
9	7371.00	-52.89	6.80	13.85	vertical	-47.99	-13.00	34.99	270
10	8190.00	-52.54	6.90	14.25	vertical	-47.34	-13.00	34.34	45
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2.The worst emission was found in the antenna is Horizontal position.									

LTE Band 26 10MHz CH Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1638.00	-66.37	2.00	10.75	vertical	-59.77	-13.00	46.77	45
3	2457.00	-62.78	2.51	11.05	vertical	-56.39	-13.00	43.39	0
4	3276.00	-62.36	4.20	11.15	vertical	-57.56	-13.00	44.56	270
5	4095.00	-57.50	5.20	11.15	vertical	-53.70	-13.00	40.70	180
6	4914.00	-58.90	5.50	11.95	vertical	-54.60	-13.00	41.60	90
7	5733.00	-59.10	5.70	13.55	vertical	-53.40	-13.00	40.40	45
8	6552.00	-56.90	6.30	13.75	vertical	-51.60	-13.00	38.60	45
9	7371.00	-52.78	6.80	13.85	vertical	-47.88	-13.00	34.88	0
10	8190.00	-52.76	6.90	14.25	vertical	-47.56	-13.00	34.56	315
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2.The worst emission was found in the antenna is Horizontal position.									

Secondary antenna (Ant 2)

LTE Band 26 1.4MHz CH Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1638.00	-65.25	2.00	10.75	vertical	-58.65	-13.00	45.65	315
3	2457.00	-60.97	2.51	11.05	vertical	-54.58	-13.00	41.58	225
4	3276.00	-60.61	4.20	11.15	vertical	-55.81	-13.00	42.81	315
5	4095.00	-57.94	5.20	11.15	vertical	-54.14	-13.00	41.14	135
6	4914.00	-57.28	5.50	11.95	vertical	-52.98	-13.00	39.98	270
7	5733.00	-57.43	5.70	13.55	vertical	-51.73	-13.00	38.73	315
8	6552.00	-54.78	6.30	13.75	vertical	-49.48	-13.00	36.48	135
9	7371.00	-50.89	6.80	13.85	vertical	-45.99	-13.00	32.99	270
10	8190.00	-49.84	6.90	14.25	vertical	-44.64	-13.00	31.64	45
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2.The worst emission was found in the antenna is Horizontal position.									

LTE Band 26 5MHz CH Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1638.00	-64.91	2.00	10.75	vertical	-58.31	-13.00	45.31	45
3	2457.00	-59.48	2.51	11.05	vertical	-53.09	-13.00	40.09	45
4	3276.00	-60.28	4.20	11.15	vertical	-55.48	-13.00	42.48	45
5	4095.00	-57.94	5.20	11.15	vertical	-54.14	-13.00	41.14	45
6	4914.00	-56.42	5.50	11.95	vertical	-52.12	-13.00	39.12	0
7	5733.00	-57.71	5.70	13.55	vertical	-52.01	-13.00	39.01	315
8	6552.00	-55.25	6.30	13.75	vertical	-49.95	-13.00	36.95	135
9	7371.00	-50.12	6.80	13.85	vertical	-45.22	-13.00	32.22	270
10	8190.00	-49.80	6.90	14.25	vertical	-44.60	-13.00	31.60	45
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2.The worst emission was found in the antenna is Horizontal position.									

LTE Band 26 10MHz CH Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1638.00	-63.60	2.00	10.75	vertical	-57.00	-13.00	44.00	45
3	2457.00	-58.65	2.51	11.05	vertical	-52.26	-13.00	39.26	0
4	3276.00	-59.92	4.20	11.15	vertical	-55.12	-13.00	42.12	270
5	4095.00	-57.81	5.20	11.15	vertical	-54.01	-13.00	41.01	180
6	4914.00	-56.42	5.50	11.95	vertical	-52.12	-13.00	39.12	90
7	5733.00	-57.80	5.70	13.55	vertical	-52.10	-13.00	39.10	45
8	6552.00	-54.92	6.30	13.75	vertical	-49.62	-13.00	36.62	45
9	7371.00	-50.11	6.80	13.85	vertical	-45.21	-13.00	32.21	0
10	8190.00	-49.30	6.90	14.25	vertical	-44.10	-13.00	31.10	315
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2.The worst emission was found in the antenna is Horizontal position.									

6. Main Test Instruments

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Base Station Simulator	R&S	CMW500	113824	2018-05-20	2019-05-19
Power Splitter	Hua Xiang	SHX-GF2-2-13	10120101	NA	NA
Spectrum Analyzer	Agilent	N9010A	MY47191109	2018-05-20	2019-05-19
Universal Radio Communication Tester	Agilent	E5515C	MY48367192	2018-05-20	2019-05-19
Signal Analyzer	R&S	FSV30	100815	2017-12-17	2018-12-16
EMI Test Receiver	R&S	ESCI	100948	2018-05-20	2019-05-19
Signal generator	R&S	SMB 100A	102594	2018-05-13	2019-05-12
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2014-12-06	2019-12-05
Trilog Antenna	SCHWARZBECK	VUBL 9163	9163-201	2017-11-18	2020-11-17
Horn Antenna	R&S	HF907	100126	2014-12-06	2019-12-05
Horn Antenna	ETS-Lindgren	3160-09	00102644	2015-01-30	2020-01-29
Climatic Chamber	Re Ce	PT-30B	20101891	2015-07-18	2018-07-17
RF Cable	Agilent	SMA 15cm	0001	2018-02-03	2018-08-02
Preampflier	R&S	SCU18	102327	2018-05-20	2019-05-19
Software	R&S	EMC32	V9.26.0	/	/
MOB COMMS DC SUPPLY	Keysight	66319D	MY43004105	2018-05-07	2019-05-06

*******END OF REPORT *******