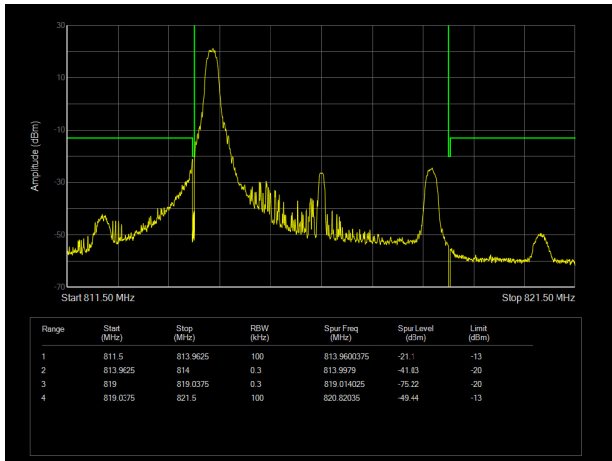
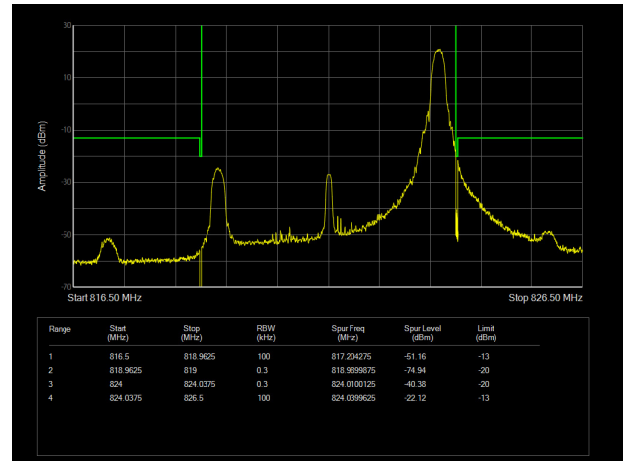




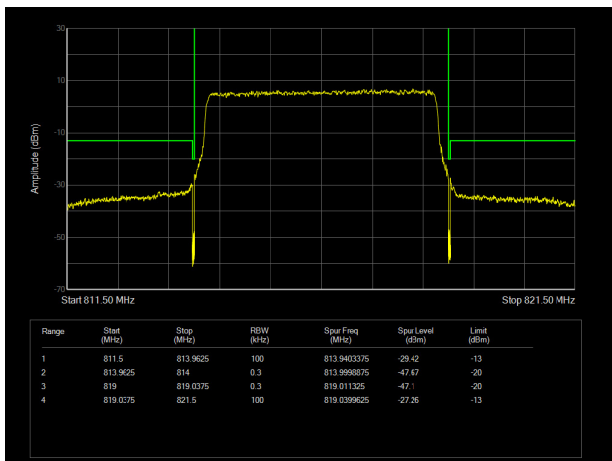
LTE Band 26 16QAM 5MHz CH-Low 1RB



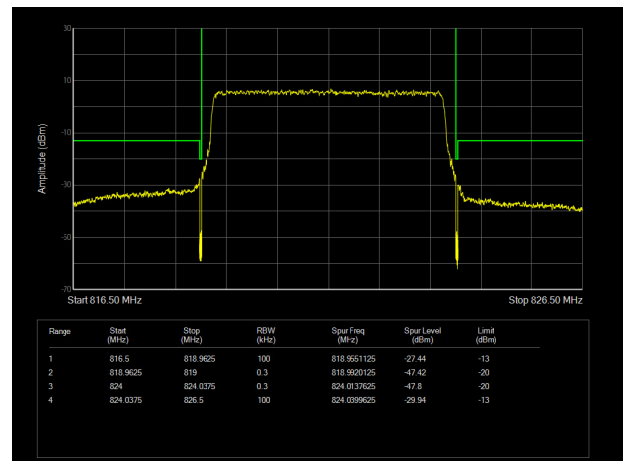
LTE Band 26 16QAM 5MHz CH-High 1RB



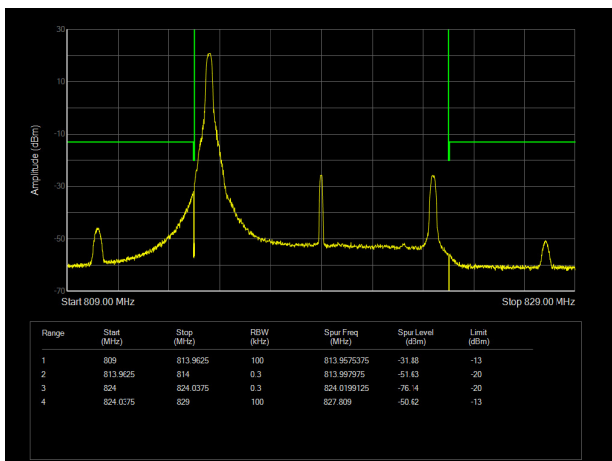
LTE Band 26 16QAM 5MHz CH-Low 100%RB



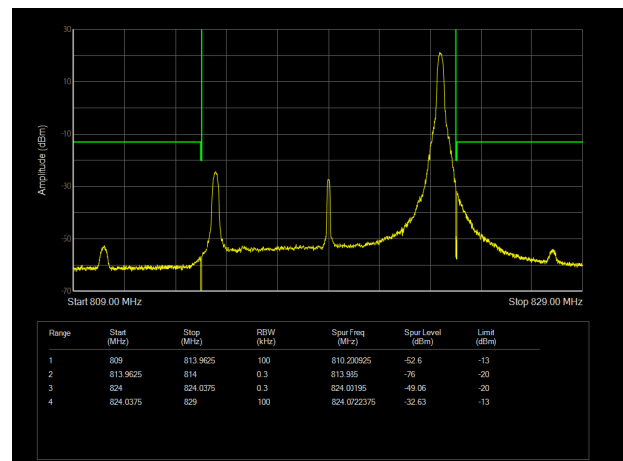
LTE Band 26 16QAM 5MHz CH-High 100%RB



LTE Band 26 16QAM 10MHz CH-Low 1RB

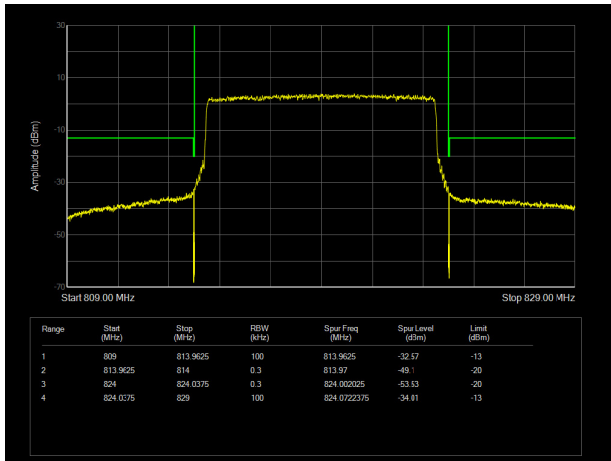


LTE Band 26 16QAM 10MHz CH-High 1RB

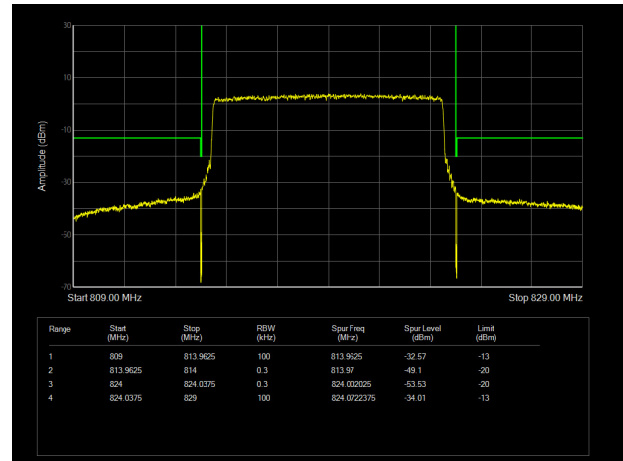




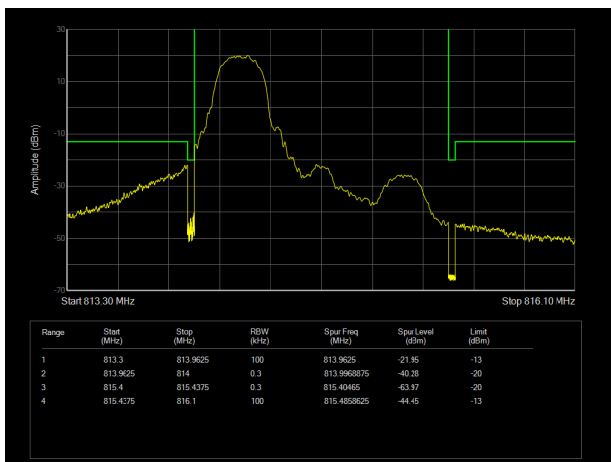
LTE Band 26 16QAM 10MHz CH-Low 100%RB



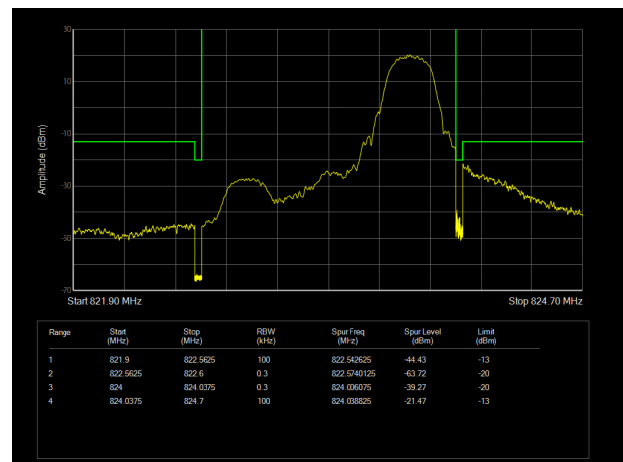
LTE Band 26 16QAM 10MHz CH-High 100%RB



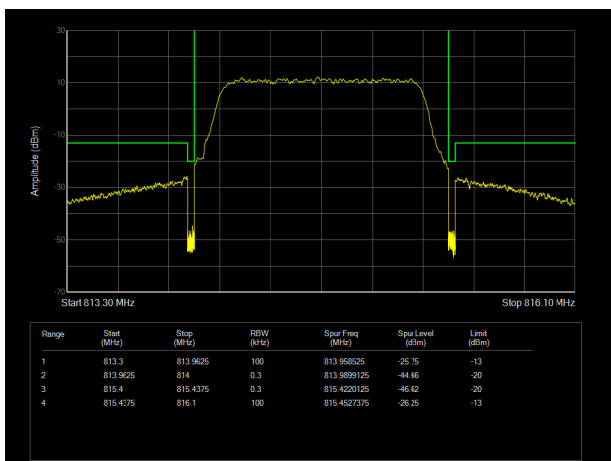
LTE Band 26 64QAM 1.4MHz CH-Low 1RB



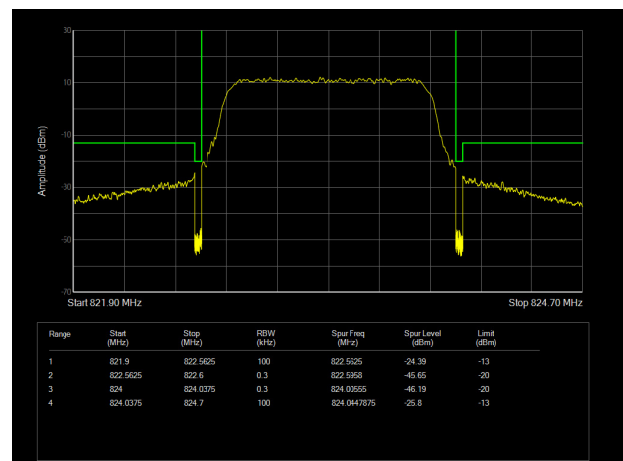
LTE Band 26 64QAM 1.4MHz CH-High 1RB



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

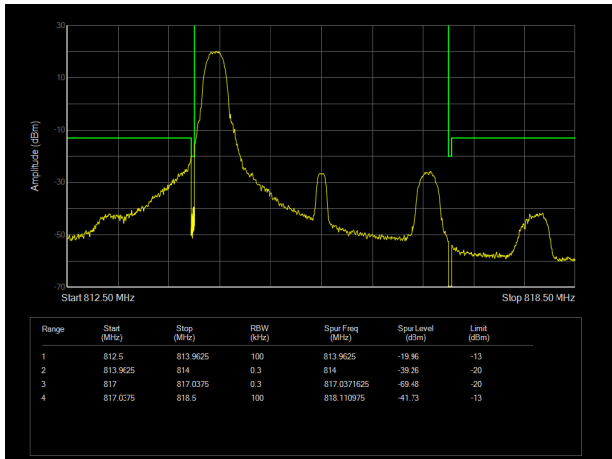


LTE Band 26 64QAM 1.4MHz CH-High 100%RB

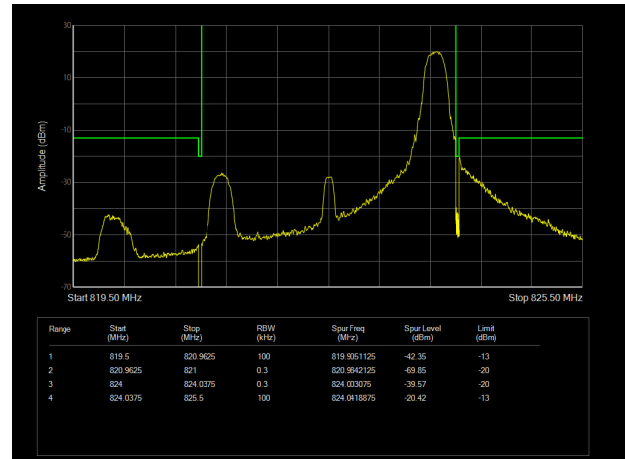




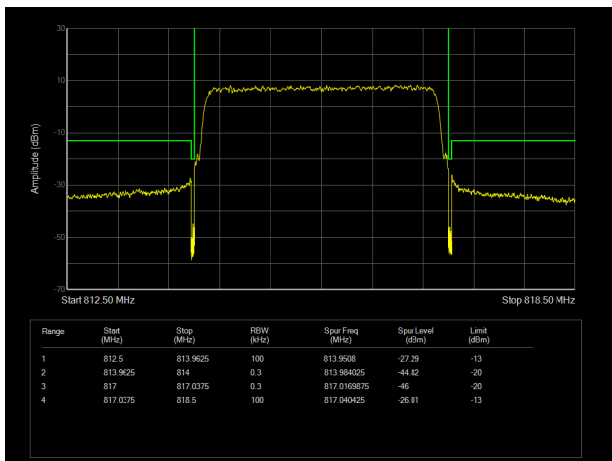
LTE Band 26 64QAM 3MHz CH-Low 1RB



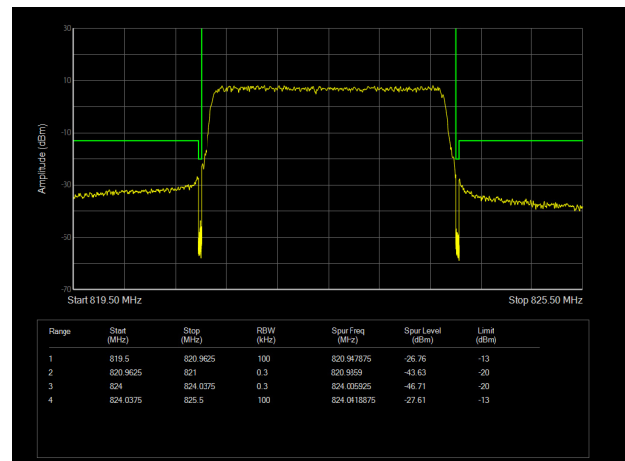
LTE Band 26 64QAM 3MHz CH-High 1RB



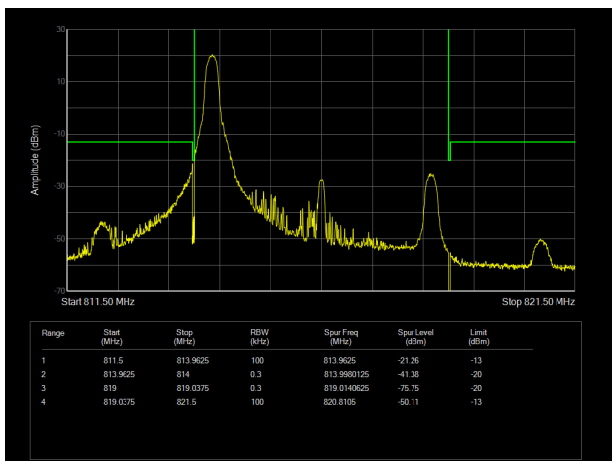
LTE Band 26 64QAM 3MHz CH-Low 100%RB



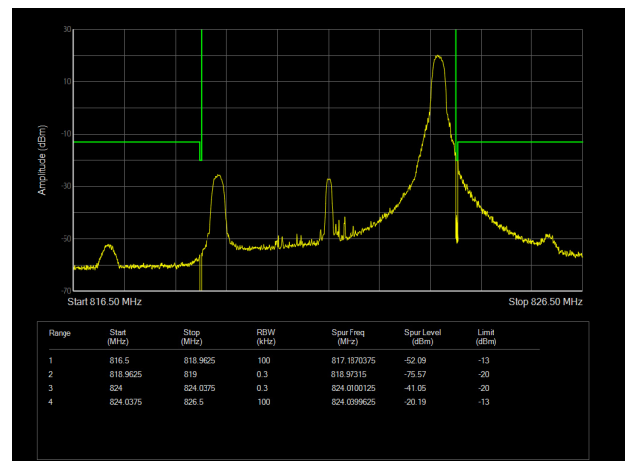
LTE Band 26 64QAM 3MHz CH-High 100%RB



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

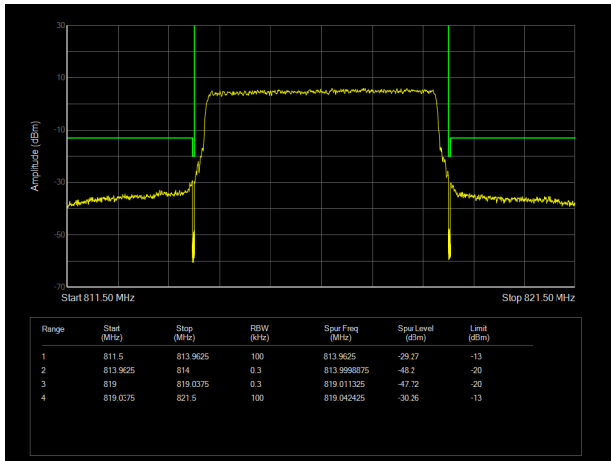


LTE Band 26 64QAM 5MHz CH-High 1RB

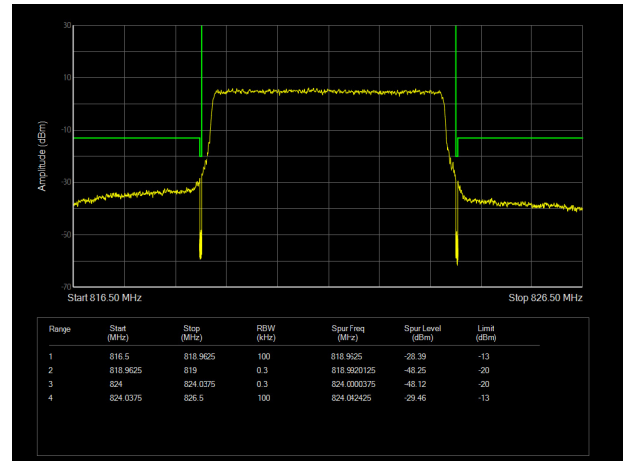




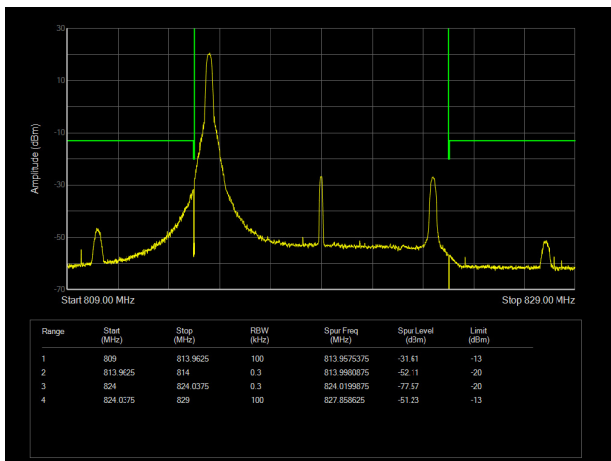
LTE Band 26 64QAM 5MHz CH-Low 100%RB



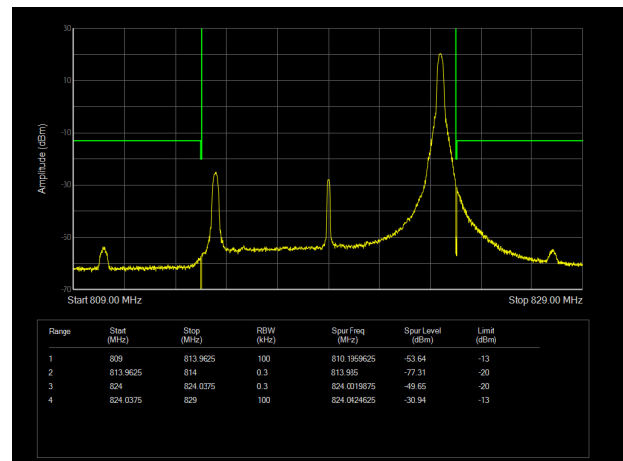
LTE Band 26 64QAM 5MHz CH-High 100%RB



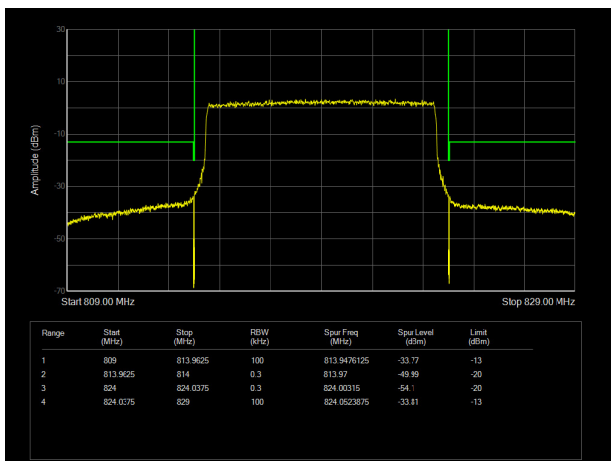
LTE Band 26 64QAM 10MHz CH-Low 1RB



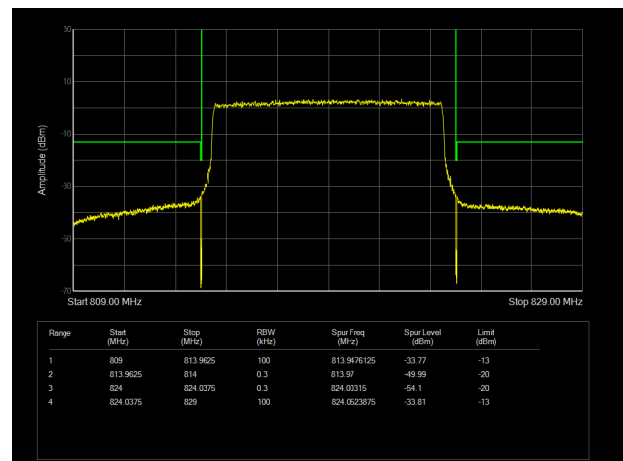
LTE Band 26 64QAM 10MHz CH-High 1RB



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



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



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

Ambient condition

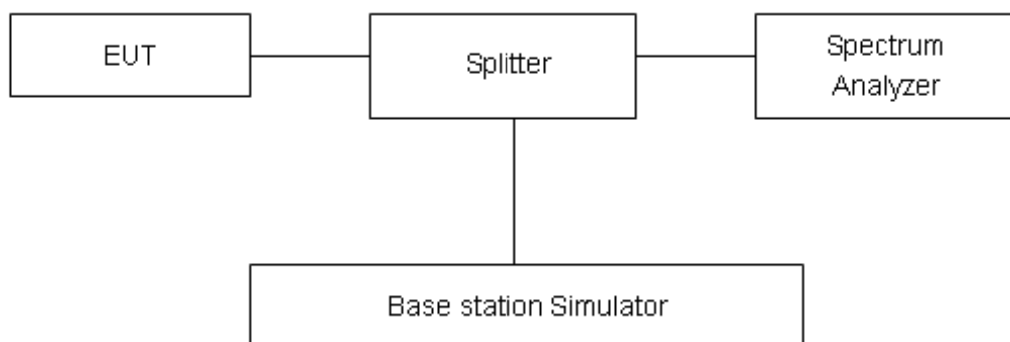
Temperature	Relative humidity
21°C ~25°C	40%~60%

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 peak-to-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**

Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
QPSK	1.4 MHz	26697	814.7	28.16	22.89	5.27	13	PASS
		26740	819	28.27	22.84	5.43	13	PASS
		26783	823.3	28.22	22.81	5.41	13	PASS
	3 MHz	26697	814.7	28.17	22.95	5.22	13	PASS
		26740	819	28.13	22.86	5.27	13	PASS
		26783	823.3	28.26	22.93	5.33	13	PASS
	5 MHz	26697	814.7	28.12	22.88	5.24	13	PASS
		26740	819	28.24	22.92	5.32	13	PASS
		26783	823.3	28.20	22.90	5.30	13	PASS
	10 MHz	26740	819	28.10	22.95	5.15	13	PASS
16QAM	1.4 MHz	26697	814.7	27.89	21.90	5.99	13	PASS
		26740	819	27.95	21.87	6.08	13	PASS
		26783	823.3	28.00	21.85	6.15	13	PASS
	3 MHz	26697	814.7	27.97	21.94	6.03	13	PASS
		26740	819	27.97	21.87	6.10	13	PASS
		26783	823.3	28.09	21.94	6.15	13	PASS
	5 MHz	26697	814.7	27.78	21.83	5.95	13	PASS
		26740	819	27.94	21.91	6.03	13	PASS
		26783	823.3	27.96	21.87	6.09	13	PASS
	10 MHz	26740	819	27.83	21.92	5.91	13	PASS
64QAM	1.4 MHz	26697	814.7	27.31	21.28	6.03	13	PASS
		26740	819	27.33	21.28	6.05	13	PASS
		26783	823.3	27.35	21.27	6.08	13	PASS
	3 MHz	26697	814.7	27.38	21.35	6.03	13	PASS
		26740	819	27.37	21.27	6.10	13	PASS
		26783	823.3	27.50	21.37	6.13	13	PASS
	5 MHz	26697	814.7	27.17	21.24	5.93	13	PASS
		26740	819	27.35	21.33	6.02	13	PASS
		26783	823.3	27.34	21.30	6.04	13	PASS
	10 MHz	26740	819	27.27	21.35	5.92	13	PASS

5.5. Frequency Stability

Ambient condition

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

Method of Measurement

1. Frequency Stability (Temperature Variation)

The temperature inside the climate chamber is varied from 0°C to +35°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 0°C to +35°C. Allow at least 1.5 hours at each temperature, un-powered, before making measurements.

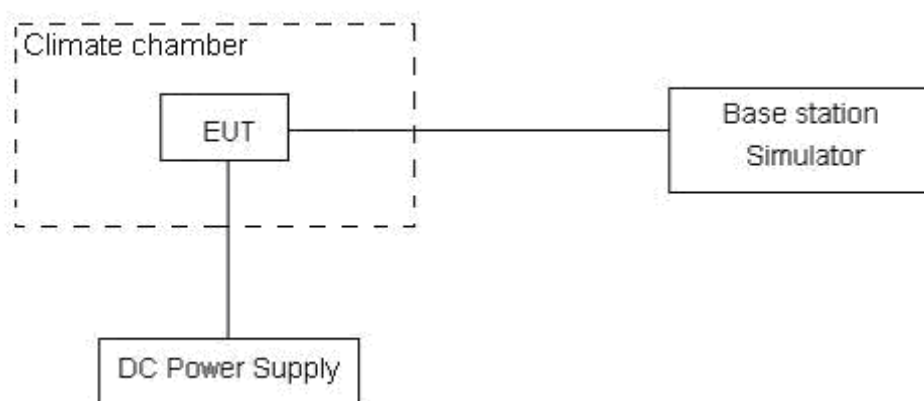
2. Frequency Stability (Voltage Variation)

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

Primary Supply Voltage: The primary supply voltage is varied from 85% to 115% of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced 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 4.48 V, with a nominal voltage of 3.87V.

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
814 ~ 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 $k = 3$, $U = 0.01\text{ppm}$.



Test Result

Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	1.4MHz							
Temperature	Voltage	64QAM	16QAM	QPSK	64QAM	16QAM	QPSK	
Normal (25℃)	Normal	11.43	5.42	13.63	0.01396	0.00662	0.01664	PASS
Extreme (35℃)		11.56	3.96	15.49	0.01411	0.00483	0.01892	PASS
Extreme (30℃)		6.23	14.05	5.76	0.00761	0.01716	0.00703	PASS
Extreme (20℃)		7.66	9.15	5.04	0.00935	0.01117	0.00615	PASS
Extreme (10℃)		9.03	2.14	17.39	0.01103	0.00262	0.02124	PASS
Extreme (0℃)		1.31	3.19	9.66	0.00160	0.00390	0.01180	PASS
25℃	LV	17.69	12.32	1.84	0.02160	0.01504	0.00225	PASS
	HV	11.40	12.73	2.36	0.01391	0.01554	0.00289	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	3MHz							
Temperature	Voltage	64QAM	16QAM	QPSK	64QAM	16QAM	QPSK	
Normal (25℃)	Normal	11.57	8.08	5.14	0.01413	0.00987	0.00628	PASS
Extreme (35℃)		16.60	2.14	6.30	0.02027	0.00261	0.00769	PASS
Extreme (30℃)		12.80	2.12	8.60	0.01563	0.00259	0.01051	PASS
Extreme (20℃)		16.40	8.20	16.40	0.02002	0.01001	0.02002	PASS
Extreme (10℃)		10.58	11.24	4.35	0.01292	0.01372	0.00531	PASS
Extreme (0℃)		10.95	14.66	3.42	0.01337	0.01789	0.00418	PASS
25℃	LV	17.74	6.50	12.96	0.02167	0.00794	0.01582	PASS
	HV	3.44	10.05	17.90	0.00420	0.01227	0.02185	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	5MHz							
Temperature	Voltage	64QAM	16QAM	QPSK	64QAM	16QAM	QPSK	
Normal (25℃)	Normal	11.49	3.65	11.60	0.01403	0.00445	0.01416	PASS
Extreme (35℃)		11.02	4.90	1.65	0.01345	0.00598	0.00201	PASS
Extreme (30℃)		13.46	1.46	9.05	0.01643	0.00178	0.01104	PASS
Extreme (20℃)		8.12	3.87	6.49	0.00992	0.00472	0.00792	PASS
Extreme (10℃)		2.29	16.83	5.30	0.00280	0.02055	0.00647	PASS
Extreme (0℃)		8.54	2.64	9.99	0.01043	0.00323	0.01219	PASS
25℃	LV	6.73	12.97	14.04	0.00822	0.01583	0.01714	PASS
	HV	5.86	9.82	1.59	0.00715	0.01199	0.00194	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability	Frequency Stability	Frequency Stability	Verdict



BANDWIDTH	10MHz				(ppm)	(ppm)	(ppm)	
Temperature	Voltage	64QAM	16QAM	QPSK	64QAM	16QAM	QPSK	
Normal (25℃)	Normal	13.20	17.22	4.26	0.01612	0.02102	0.00520	PASS
Extreme (35℃)		2.27	3.33	6.34	0.00277	0.00406	0.00775	PASS
Extreme (30℃)		7.03	5.27	11.88	0.00859	0.00644	0.01450	PASS
Extreme (20℃)		10.98	13.67	7.01	0.01341	0.01669	0.00856	PASS
Extreme (10℃)		8.44	3.06	8.71	0.01030	0.00374	0.01064	PASS
Extreme (0℃)		8.80	17.20	7.10	0.01075	0.02100	0.00867	PASS
25℃	LV	3.43	15.49	9.77	0.00418	0.01891	0.01192	PASS
	HV	14.68	1.39	12.99	0.01793	0.00170	0.01587	PASS

5.6. Spurious Emissions at Antenna Terminals

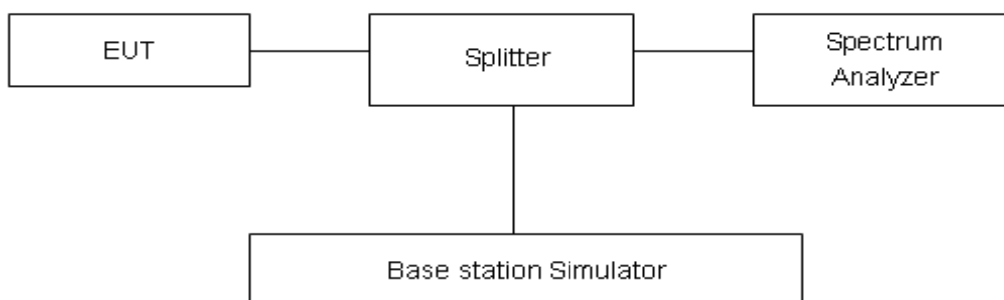
Ambient condition

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 30MHz to the 10th harmonic of the carrier. The peak detector is used. RBW and VBW are set to 100 kHz, RBW is set to 1 kHz (0.009MHz~ 0.15 MHz), RBW is set to 10 kHz (0.15 MHz~ 30 MHz) RBW is set to 100 kHz (30MHz~1000 MHz) RBW is set to 1000 kHz (above 1000MHz) Sweep is set to ATUO.

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
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Measurement Uncertainty

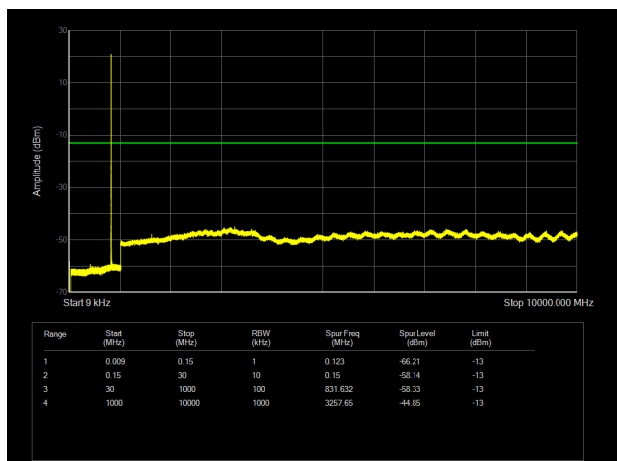
The assessed measurement uncertainty to ensure 99.75% confidence level for the normal distribution is with the coverage factor $k = 1.96$.

Frequency	Uncertainty
9kHz-1GHz	0.684 dB
1GHz-12.75GHz	1.407 dB

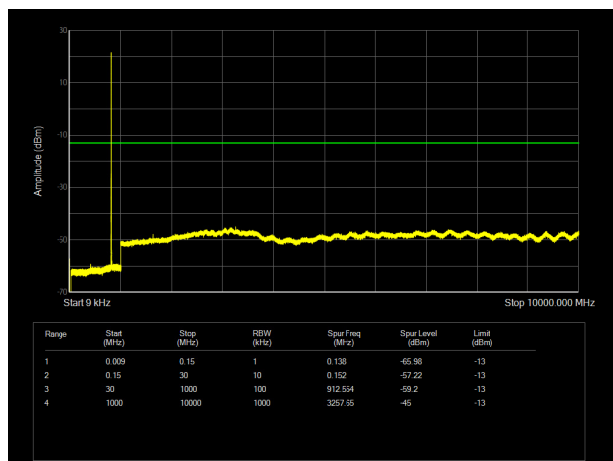
Test Result

If disturbances were found more than 20dB below limit line, the mark is not required for the EUT.
The signal beyond the limit is carrier.

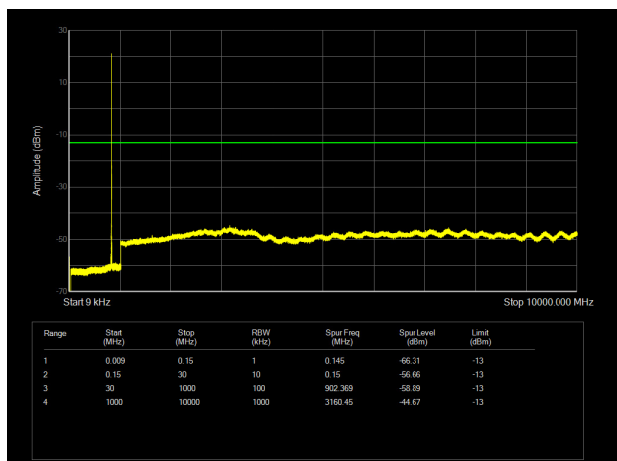
LTE Band 26 1.4MHz CH Low 9kHz~10GHz



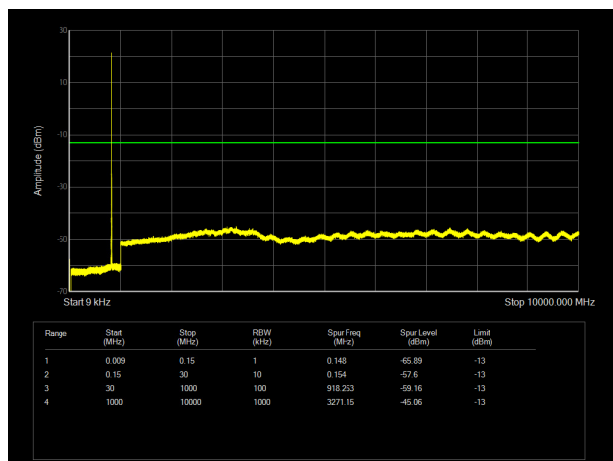
LTE Band 26 3MHz CH Low 9kHz~10GHz



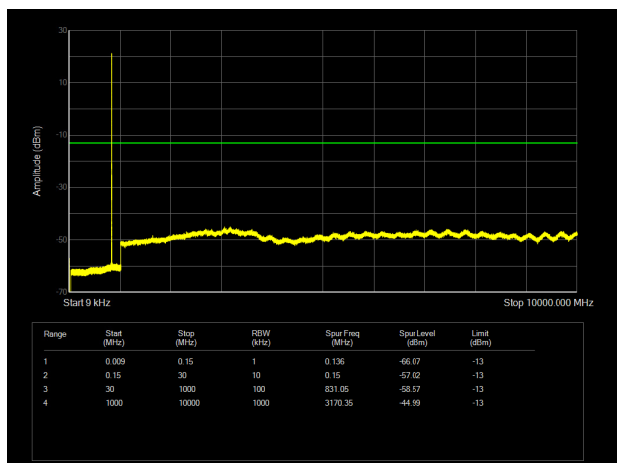
LTE Band 26 1.4MHz CH Middle 9kHz~10GHz



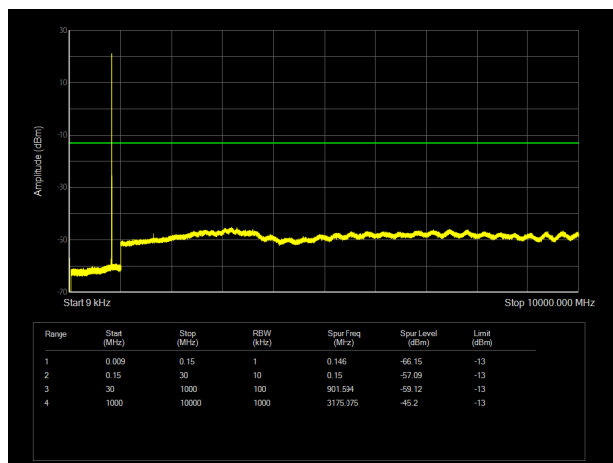
LTE Band 26 3MHz CH Middle 9kHz~10GHz



LTE Band 26 1.4MHz CH High 9kHz~10GHz

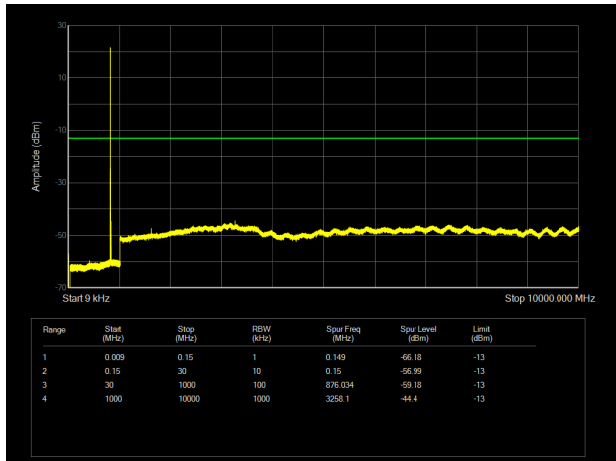


LTE Band 26 3MHz CH High 9kHz~10GHz

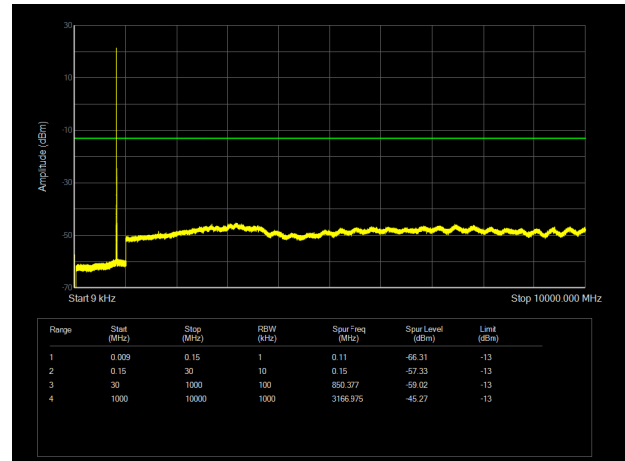




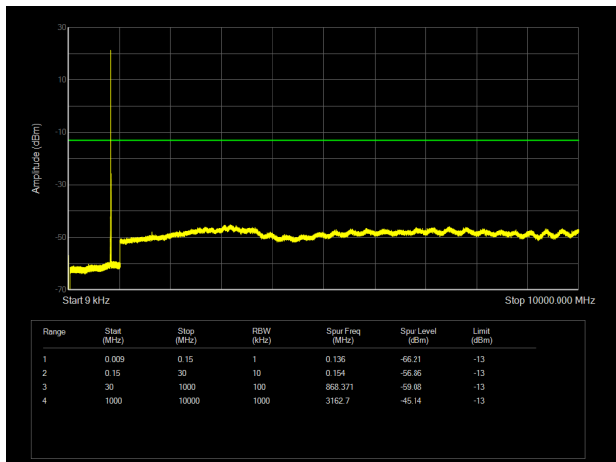
LTE Band 26 5MHz CH Low 9kHz~10GHz



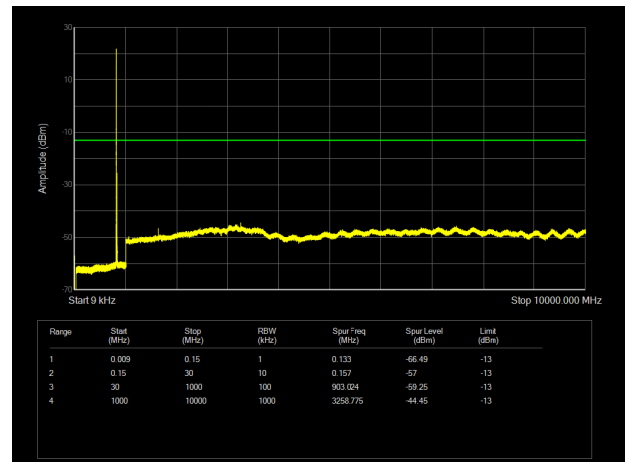
LTE Band 26 5MHz CH Middle 9kHz~10GHz



LTE Band 26 5MHz CH High 9kHz~10GHz



LTE Band 26 10MHz CH Middle 9kHz~10GHz



5.7. 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 C63.26 (2015).
2. Below 1GHz: 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). Above 1GHz: (Note: the FCC's permission to use 1.5m as an alternative per TCBC Conf call of Dec. 2, 2014.) The EUT is placed on a turntable 1.5 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 loop antenna, A log-periodic antenna or 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=100kHz, VBW=300kHz, 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:
$$\text{Power(EIRP)} = \text{PMea} - \text{PAG} - \text{Pcl} + \text{Ga}$$

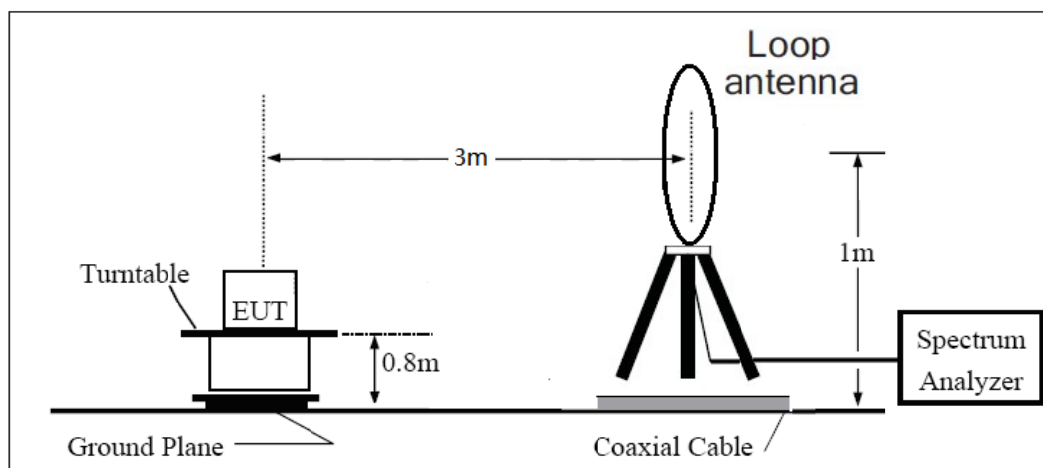
The measurement results are amend as described below:
$$\text{Power(EIRP)} = \text{PMea} - \text{Pcl} + \text{Ga}$$
8. This value is EIRP since the measurement is calibrated using an antenna of known gain (2.15 dBi) and known input power. ERP can be calculated from EIRP by subtracting the gain of the dipole, ERP

= EIRP-2.15dBi.

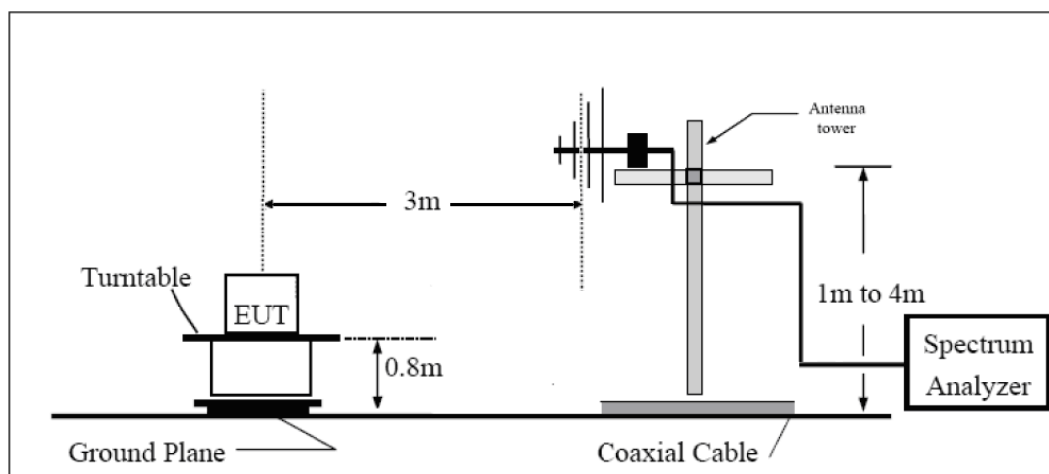
The modulation mode and RB allocation refer to section 5.1, using the maximum output power configuration.

Test setup

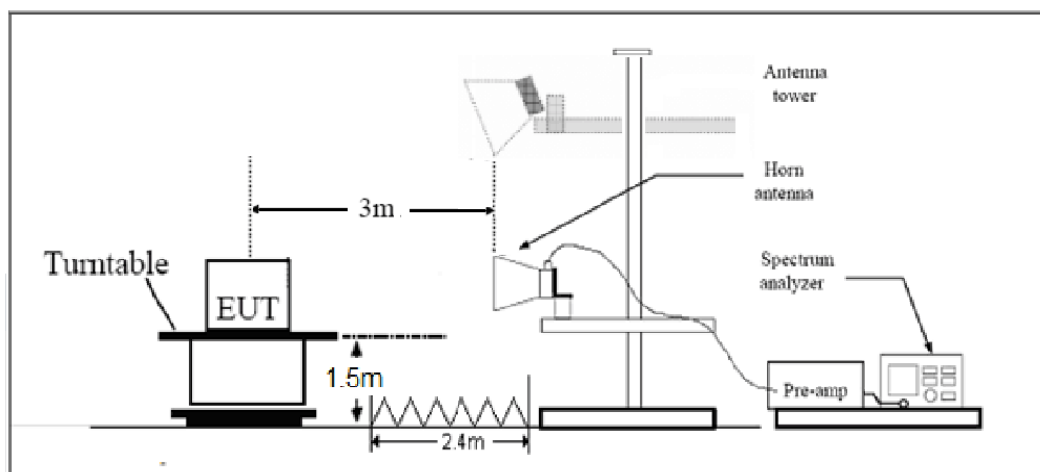
9KHz ~ 30MHz



30MHz~~~ 1GHz



Above 1GHz



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
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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

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	1636.60	-61.54	1.70	8.70	Horizontal	-56.69	-13.00	43.69	315
3	2454.90	-60.34	2.30	12.00	Horizontal	-52.79	-13.00	39.79	90
4	3273.20	-54.78	2.20	13.10	Horizontal	-46.03	-13.00	33.03	45
5	4091.50	-63.63	3.00	12.50	Horizontal	-56.28	-13.00	43.28	270
6	4909.80	-60.76	3.10	12.50	Horizontal	-53.51	-13.00	40.51	0
7	5728.10	-59.27	3.40	12.50	Horizontal	-52.32	-13.00	39.32	45
8	6546.40	-57.30	3.80	11.50	Horizontal	-51.75	-13.00	38.75	90
9	7364.70	-56.22	4.20	12.20	Horizontal	-50.37	-13.00	37.37	315
10	8183.00	-56.13	4.30	12.30	Horizontal	-50.28	-13.00	37.28	180

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	1633.00	-61.48	1.70	8.70	Horizontal	-56.63	-13.00	43.63	180
3	2449.50	-62.29	2.30	12.00	Horizontal	-54.74	-13.00	41.74	180
4	3266.00	-54.68	2.20	13.10	Horizontal	-45.93	-13.00	32.93	270
5	4082.50	-62.85	3.00	12.50	Horizontal	-55.50	-13.00	42.50	315
6	4899.00	-61.70	3.10	12.50	Horizontal	-54.45	-13.00	41.45	0
7	5715.50	-59.29	3.40	12.50	Horizontal	-52.34	-13.00	39.34	90
8	6532.00	-57.69	3.80	11.50	Horizontal	-52.14	-13.00	39.14	45
9	7348.50	-56.35	4.20	12.20	Horizontal	-50.50	-13.00	37.50	270
10	8165.00	-55.97	4.30	12.30	Horizontal	-50.12	-13.00	37.12	135

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	1628.00	-62.32	1.70	8.70	Horizontal	-57.47	-13.00	44.47	270
3	2442.00	-63.31	2.30	12.00	Horizontal	-55.76	-13.00	42.76	0
4	3256.00	-53.71	2.20	13.10	Horizontal	-44.96	-13.00	31.96	180
5	4070.00	-64.47	3.00	12.50	Horizontal	-57.12	-13.00	44.12	45
6	4884.00	-61.22	3.10	12.50	Horizontal	-53.97	-13.00	40.97	315
7	5698.00	-59.22	3.40	12.50	Horizontal	-52.27	-13.00	39.27	270
8	6512.00	-57.66	3.80	11.50	Horizontal	-52.11	-13.00	39.11	315
9	7326.00	-58.62	4.20	12.20	Horizontal	-52.77	-13.00	39.77	180
10	8140.00	-53.80	4.30	12.30	Horizontal	-47.95	-13.00	34.95	180

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.

Second Antenna

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	1636.60	-64.56	1.70	8.70	Horizontal	-59.71	-13.00	46.71	270
3	2454.90	-63.31	2.30	12.00	Horizontal	-55.76	-13.00	42.76	180
4	3273.20	-65.67	2.20	13.10	Horizontal	-56.92	-13.00	43.92	45
5	4091.50	-62.02	3.00	12.50	Horizontal	-54.67	-13.00	41.67	270
6	4909.80	-63.35	3.10	12.50	Horizontal	-56.10	-13.00	43.10	0
7	5728.10	-63.30	3.40	12.50	Horizontal	-56.35	-13.00	43.35	45
8	6546.40	-60.02	3.80	11.50	Horizontal	-54.47	-13.00	41.47	90
9	7364.70	-54.79	4.20	12.20	Horizontal	-48.94	-13.00	35.94	315
10	8183.00	-54.20	4.30	12.30	Horizontal	-48.35	-13.00	35.35	180

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	1633.00	-64.88	1.70	8.70	Horizontal	-60.03	-13.00	47.03	0
3	2449.50	-58.92	2.30	12.00	Horizontal	-51.37	-13.00	38.37	180
4	3266.00	-63.27	2.20	13.10	Horizontal	-54.52	-13.00	41.52	270
5	4082.50	-60.83	3.00	12.50	Horizontal	-53.48	-13.00	40.48	315
6	4899.00	-63.81	3.10	12.50	Horizontal	-56.56	-13.00	43.56	0
7	5715.50	-62.68	3.40	12.50	Horizontal	-55.73	-13.00	42.73	90
8	6532.00	-60.10	3.80	11.50	Horizontal	-54.55	-13.00	41.55	45
9	7348.50	-55.06	4.20	12.20	Horizontal	-49.21	-13.00	36.21	270
10	8165.00	-54.32	4.30	12.30	Horizontal	-48.47	-13.00	35.47	135

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	1628.00	-64.06	1.70	8.70	Horizontal	-59.21	-13.00	46.21	45
3	2442.00	-57.54	2.30	12.00	Horizontal	-49.99	-13.00	36.99	270
4	3256.00	-60.77	2.20	13.10	Horizontal	-52.02	-13.00	39.02	180
5	4070.00	-59.69	3.00	12.50	Horizontal	-52.34	-13.00	39.34	45
6	4884.00	-63.98	3.10	12.50	Horizontal	-56.73	-13.00	43.73	315
7	5698.00	-63.28	3.40	12.50	Horizontal	-56.33	-13.00	43.33	270
8	6512.00	-59.77	3.80	11.50	Horizontal	-54.22	-13.00	41.22	315
9	7326.00	-55.12	4.20	12.20	Horizontal	-49.27	-13.00	36.27	180
10	8140.00	-54.07	4.30	12.30	Horizontal	-48.22	-13.00	35.22	180

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
Signal Analyzer	R&S	FSV30	104028	2021-05-15	2022-05-14
TRILOG Broadband Antenna	Schwarzbeck	VULB 9163	01111	2019-09-12	2022-09-11
Horn Antenna	Schwarzbeck	BBHA 9120D	1594	2020-12-17	2023-12-16
Software	R&S	EMC32	10.35.10	/	/
Communication tester	Anritsu	MT8821C	6201538758	2021-05-15	2022-05-14
Climate Chamber	WEISS	VT 4002	582261194500 10	2021-05-15	2022-05-14
Climate Chamber	R&S	CMW500	150415	2021-05-15	2022-05-14
Spectrum Analyzer	Keysight	N9020A	MY52330084	2021-05-15	2022-05-14
Wireless Communication Tester	Agilent	E5515C	GB44400275	2021-05-15	2022-05-14
Spectrum Analyzer	R&S	FSV3030	101411	2021-12-12	2022-12-11

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



ANNEX A: The EUT Appearance

The EUT Appearance are submitted separately.



ANNEX B: Test Setup Photos

The Test Setup Photos are submitted separately.