Bandwidth	Test status	LTE Band 5 Channel 20525 Test Results (ppm)		
		QPSK	16QAM	Conclusion
1.4MHz	-30°C/3.84 V	-0.00328	-0.00191	PASS
	-20°C/3.84 V	-0.00097	-0.00334	PASS
	-10°C/3.84 V	-0.00281	-0.00308	PASS
	0°C/3.84 V	0.0002	0.0008	PASS
	10°C/3.84 V	0.00038	-0.00031	PASS
	20°C/3.84 V	-0.00228	0.00082	PASS
	30°C/3.84 V	-0.00098	-0.00049	PASS
	40°C/3.84 V	-0.00207	-0.00045	PASS
	50°C/3.84 V	0.00116	-0.00251	PASS
	20°C/3.5 V	-0.00228	-0.00361	PASS
	20°C/4.4 V	0.00055	-0.00227	PASS
3MHz	-30°C/3.84 V	0.00121	-0.00143	PASS
	-20°C/3.84 V	-0.00074	-0.00198	PASS
	-10°C/3.84 V	-0.00336	-0.00182	PASS
	0°C/3.84 V	-0.00195	0.0008	PASS
	10°C/3.84 V	-0.00185	0.00041	PASS
	20°C/3.84 V	-0.00175	-0.00251	PASS
	30°C/3.84 V	0.00025	-0.00299	PASS
	40°C/3.84 V	0.00082	-0.00098	PASS
	50°C/3.84 V	-0.00354	0.00086	PASS
	20°C/3.5 V	-0.00243	0.00123	PASS
	20°C/4.4 V	-0.0031	-0.00169	PASS
5MHz	-30°C/3.84 V	0.00103	-0.002	PASS
	-20°C/3.84 V	-0.00025	0.00031	PASS
	-10°C/3.84 V	-0.00285	-0.00081	PASS
	0°C/3.84 V	0.00018	-0.00214	PASS
	10°C/3.84 V	-0.00016	-0.0016	PASS
	20°C/3.84 V	-0.00093	-0.00194	PASS
	30°C/3.84 V	-0.0023	-0.00167	PASS
	40°C/3.84 V	0.00066	-0.00087	PASS
	50°C/3.84 V	-0.00354	-0.00082	PASS
	20°C/3.5 V	-0.0023	0.00117	PASS
	20°C/4.2 V	-0.00171	-0.00147	PASS
10MHz	-30°C/3.84 V	0.00041	-0.00081	PASS
	-20°C/3.84 V	-0.00022	-0.00206	PASS
	-10°C/3.84 V	-0.00074	-0.00039	PASS
	0°C/3.84 V	-0.00041	-0.00155	PASS
	10°C/3.84 V	-0.00143	-0.00145	PASS
	20°C/3.84 V	-0.0028	-0.00252	PASS
	30°C/3.84 V	-0.00186	-0.00341	PASS

	40°C/3.84 V	-0.00287	0.00074	PASS
	50°C/3.84 V	-0.00361	0.00135	PASS
	20°C/3.5 V	-0.0021	0.00108	PASS
	20°C/4.4 V	0.00122	-0.00094	PASS

Bandwidth	Test status	LTE Band 26 Channel 26915 Test Results (ppm)		
		QPSK	16QAM	Conclusion
1.4MHz	-30°C/3.84 V	0.00171	-0.00261	PASS
	-20°C/3.84 V	0.00145	0.00074	PASS
	-10°C/3.84 V	0.00065	0.00114	PASS
	0°C/3.84 V	-0.00051	0.00122	PASS
	10°C/3.84 V	-0.00014	-0.00099	PASS
	20°C/3.84 V	-0.00147	-0.0008	PASS
	30°C/3.84 V	-0.00173	-0.00224	PASS
	40°C/3.84 V	0.00158	-0.00184	PASS
	50°C/3.84 V	-0.00253	-0.00147	PASS
	20°C/3.5 V	-0.00104	0.00053	PASS
	20°C/4.4 V	-0.00255	-0.0022	PASS
3MHz	-30°C/3.84 V	0.00118	-0.00033	PASS
	-20°C/3.84 V	0.00055	-0.00078	PASS
	-10°C/3.84 V	0.00158	0.00151	PASS
	0°C/3.84 V	-0.00098	0.00075	PASS
	10°C/3.84 V	-0.00075	0.00049	PASS
	20°C/3.84 V	-0.00186	-0.00014	PASS
	30°C/3.84 V	-0.00158	-0.00134	PASS
	40°C/3.84 V	0.00169	-0.00146	PASS
	50°C/3.84 V	-0.0027	-0.00158	PASS
	20°C/3.5 V	0.00032	0.00171	PASS
	20°C/4.4 V	0.001	-0.0011	PASS
5MHz	-30°C/3.84 V	-0.0029	0.00025	PASS
	-20°C/3.84 V	-0.00045	0.00099	PASS
	-10°C/3.84 V	-0.00117	-0.00092	PASS
	0°C/3.84 V	-0.00208	-0.00078	PASS
	10°C/3.84 V	-0.00232	-0.00031	PASS
	20°C/3.84 V	-0.00285	-0.00161	PASS
	30°C/3.84 V	-0.0034	-0.00153	PASS
	40°C/3.84 V	0.00122	-0.00329	PASS
	50°C/3.84 V	-0.00389	-0.00276	PASS
	20°C/3.5 V	0.0009	-0.00345	PASS

	20°C/4.4 V	0.00134	0.00102	PASS
10MHz	-30°C/3.84 V	0.0003	-0.00088	PASS
	-20°C/3.84 V	-0.00305	-0.00197	PASS
	-10°C/3.84 V	-0.0021	-0.00164	PASS
	0°C/3.84 V	-0.0016	-0.00356	PASS
	10°C/3.84 V	-0.00307	0.00065	PASS
	20°C/3.84 V	-0.00256	0.00027	PASS
	30°C/3.84 V	-0.0034	-0.00029	PASS
	40°C/3.84 V	0.00116	-0.00102	PASS
	50°C/3.84 V	-0.00361	-0.00231	PASS
	20°C/3.5 V	0.00041	-0.00372	PASS
	20°C/4.4 V	0.00082	-0.00033	PASS
15MHz	-30°C/3.84 V	-0.00172	-0.00222	PASS
	-20°C/3.84 V	-0.00103	-0.00056	PASS
	-10°C/3.84 V	0.00088	0.00088	PASS
	0°C/3.84 V	0.00147	-0.00078	PASS
	10°C/3.84 V	-0.00102	-0.00197	PASS
	20°C/3.84 V	-0.00183	-0.00224	PASS
	30°C/3.84 V	-0.00173	-0.0016	PASS
	40°C/3.84 V	-0.00259	-0.00251	PASS
	50°C/3.84 V	0.00164	0.00096	PASS
	20°C/3.5 V	0.00094	0.00066	PASS
	20°C/4.4 V	-0.00158	-0.00212	PASS

5.6. Spurious Emissions at Antenna Terminals

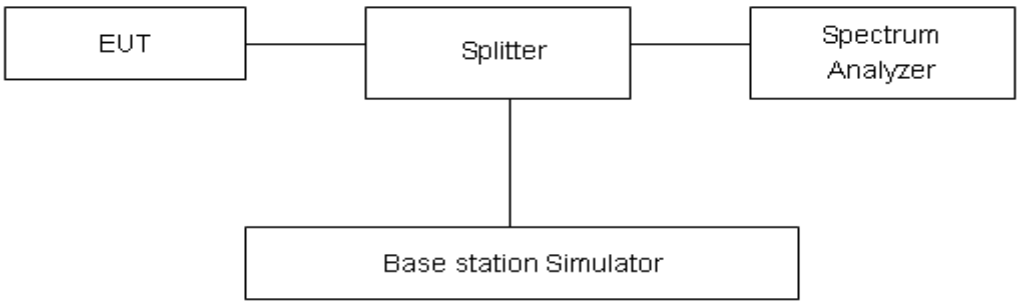
Ambient condition

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. For RBW and VBW are set to 100 kHz, Sweep is set to ATUO.

Test setup



Limits

Rule Part 22.917(a) 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.

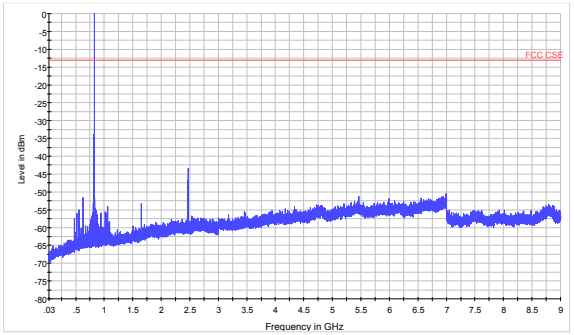
Frequency	Uncertainty
100kHz-2GHz	0.684 dB
2GHz-12.75GHz	1.407 dB

Test Result

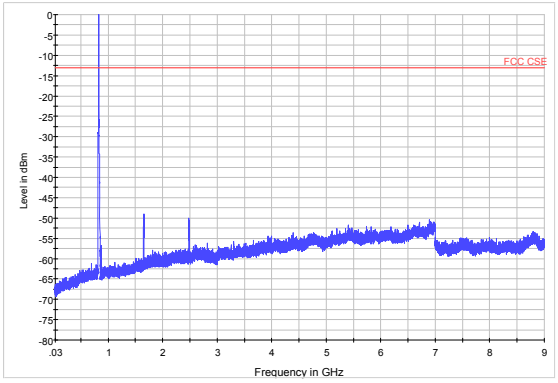
If disturbances were found more than 20dB below limit line, the mark is not required for the EUT.
The signal beyond the limit is carrier.

Test Data File Name	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)
LTE B26 1.4M RB1_CHLOW_1.5-3GHz	1648.3	-30.60	-13.00	17.60
LTE B26 1.4M RB1_CHMID_1.5-3GHz	1671.8	-34.20	-13.00	21.20
LTE B26 3M RB1_CHLOW_1.5-3GHz	1648.3	-30.30	-13.00	17.30
LTE B26 3M RB1_ CHMID _1.5-3GHz	1670.3	-24.90	-13.00	11.90
LTE B26 3M RB1_ CHHIG_1.5-3GHz	1692.4	-31.00	-13.00	18.00
LTE B26 5M RB1_CHLOW_1.5-3GHz	1648.5	-30.68	-13.00	17.68
LTE B26 5M RB1_CHHIG_1.5-3GHz	1688.6	-30.88	-13.00	17.88
LTE B26 10M RB1_CHMID_1.5-3GHz	1681.5	-31.90	-13.00	18.90
LTE B26 15M RB1_CHLOW_1.5-3GHz	1649.4	-30.50	-13.00	17.50
LTE B26 15M RB1_CHMID_1.5-3GHz	1659.6	-32.87	-13.00	19.87

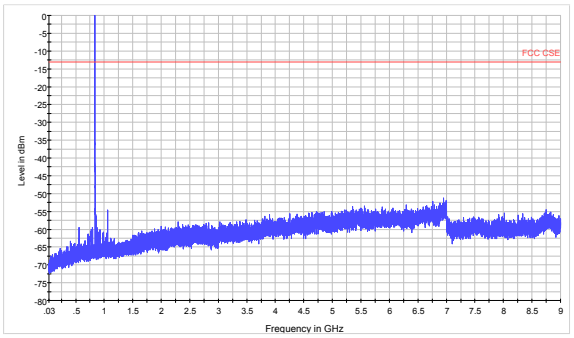
GSM 850 CH128 30MHz~9GHz



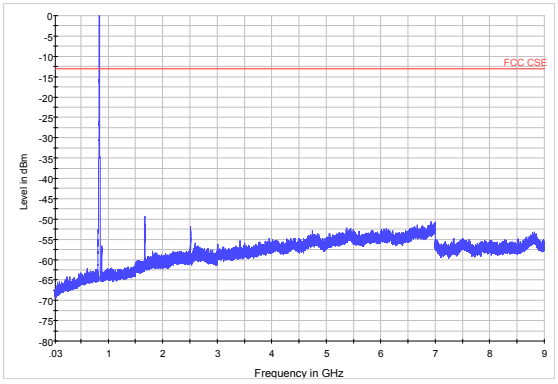
WCDMA Band V CH4132 30MHz~9GHz



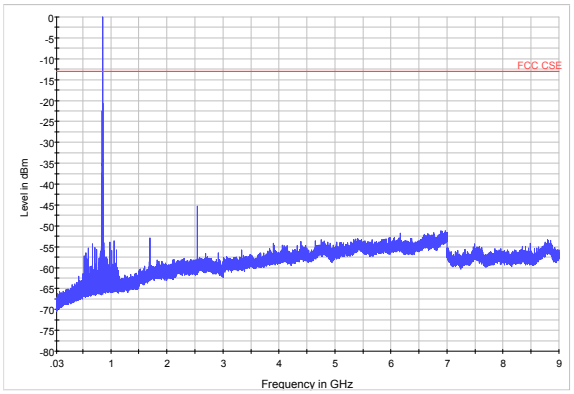
GSM 850 CH190 30MHz~9GHz



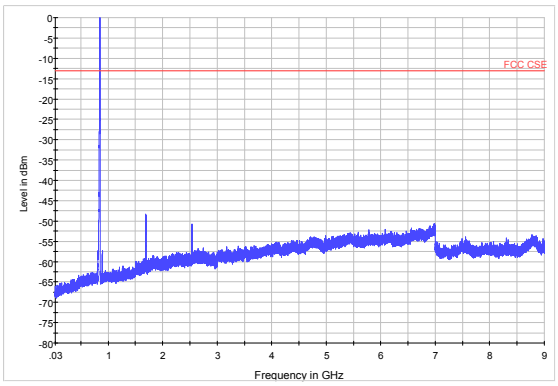
WCDMA Band V CH4183 30MHz~9GHz



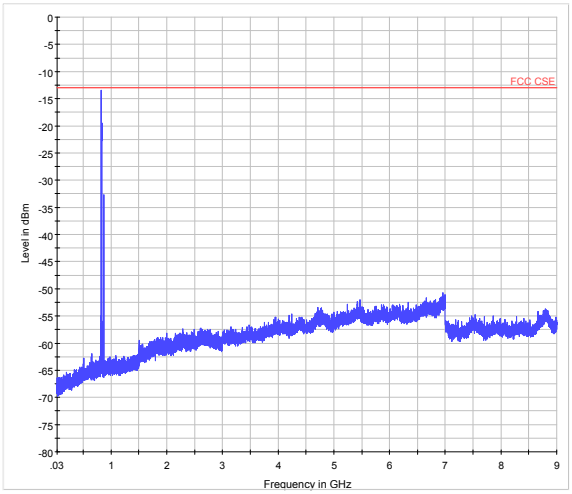
GSM 850 CH251 30MHz~9GHz



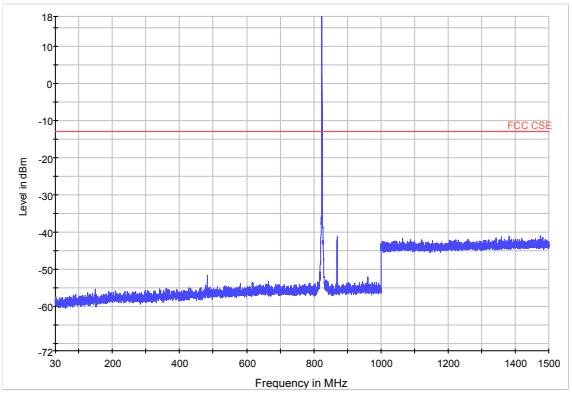
WCDMA Band V CH4233 30MHz~9GHz



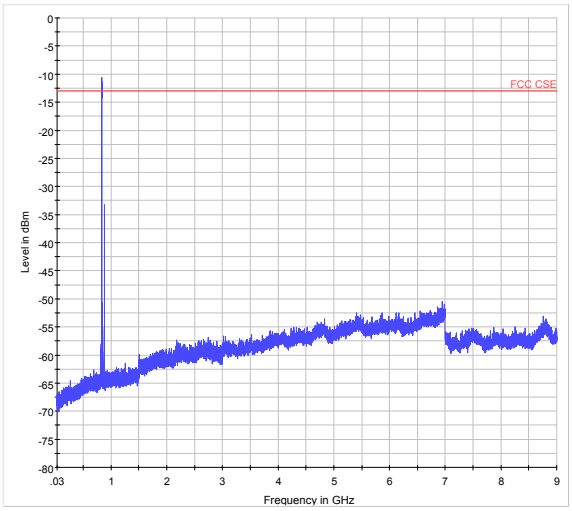
CDMA 1xRTT BC0 CH1013 30MHz~9GHz



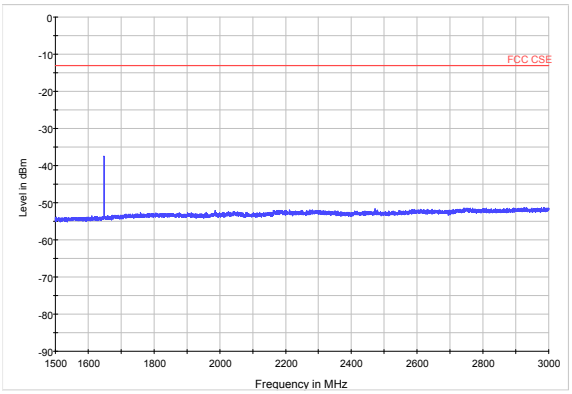
LTE Band 5 1.4MHz CH20407 30MHz~1.5GHz



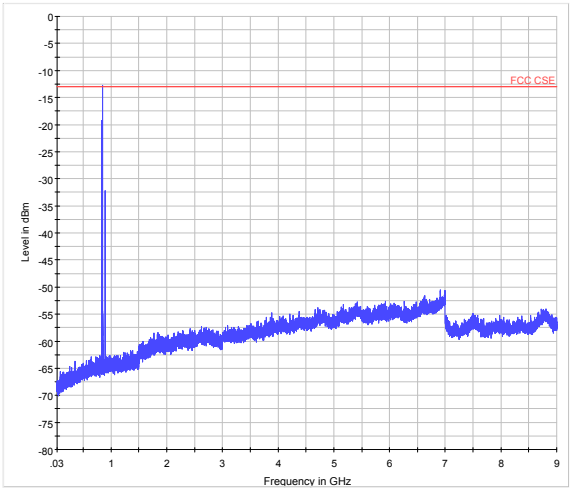
CDMA 1xRTT BC0 CH384 30MHz~9GHz



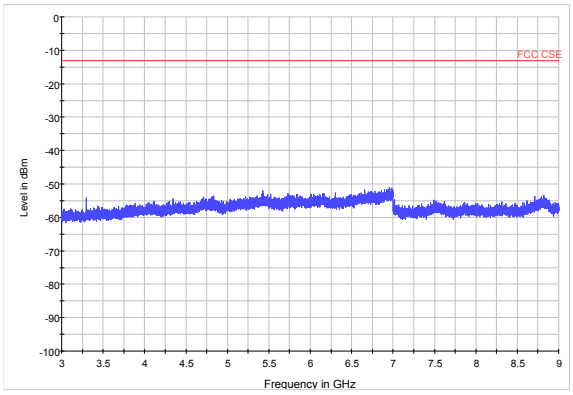
LTE Band 5 1.4MHz CH20407 1.5GHz~3GHz



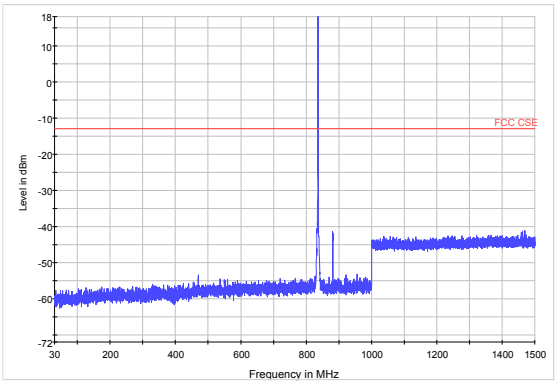
CDMA 1xRTT BC0 CH777 30MHz~9GHz



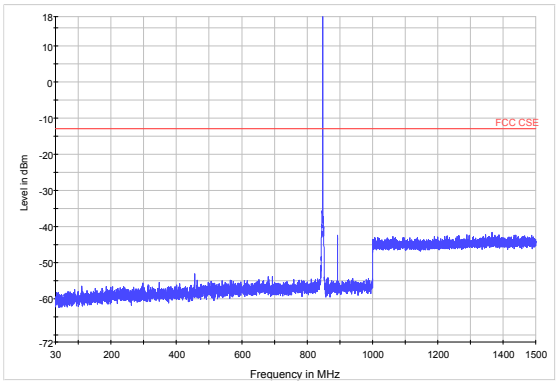
LTE Band 5 1.4MHz CH20407 3GHz~9GHz



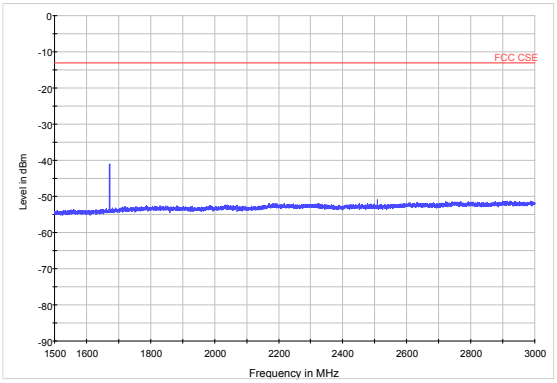
LTE Band 5 1.4MHz CH20525 30MHz~1.5GHz



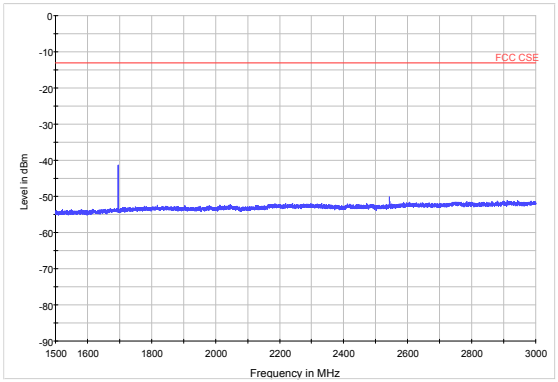
LTE Band 5 1.4MHz CH20643 30MHz~1.5GHz



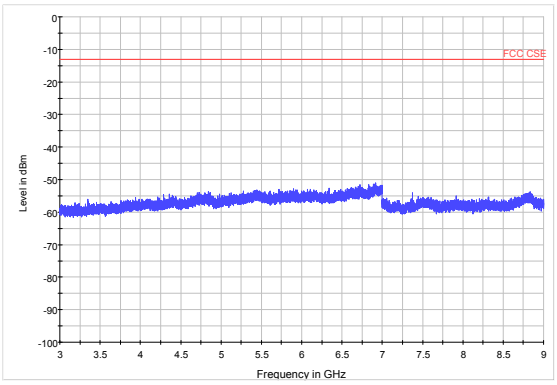
LTE Band 5 1.4MHz CH20525 1.5GHz~3GHz



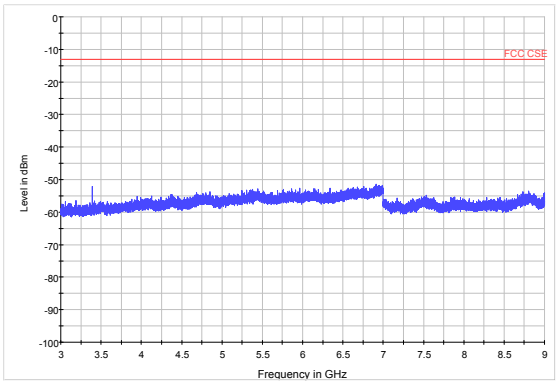
LTE Band 5 1.4MHz CH20643 1.5GHz~3GHz



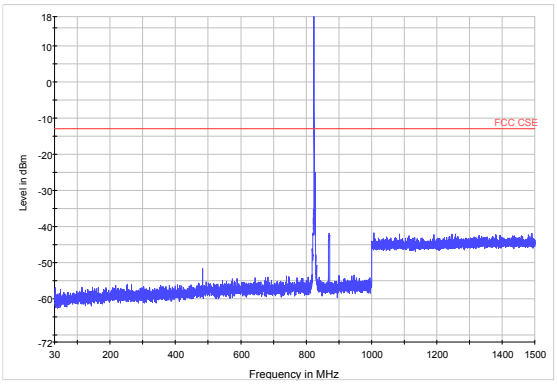
LTE Band 5 1.4MHz CH20525 3GHz~9GHz



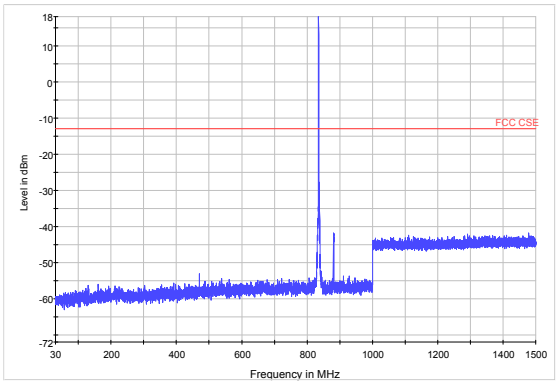
LTE Band 5 1.4MHz CH20643 3GHz~9GHz



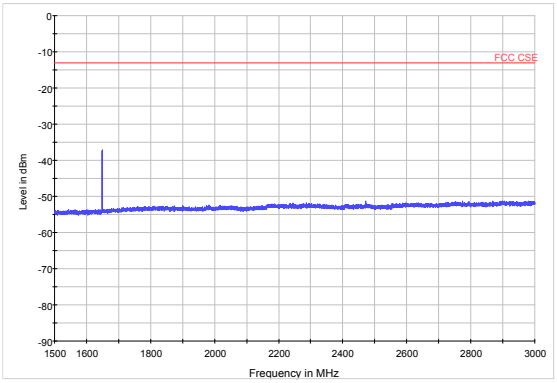
LTE Band 5 3MHz CH20415 30MHz~1.5GHz



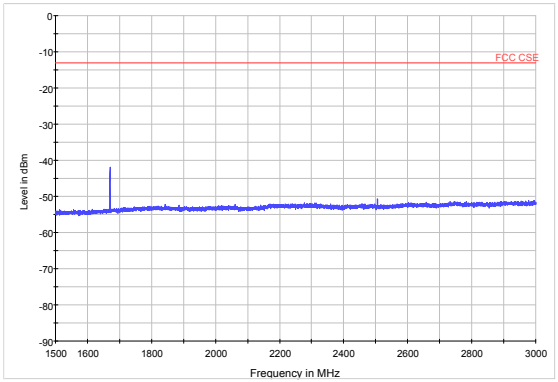
LTE Band 5 3MHz CH20525 30MHz~1.5GHz



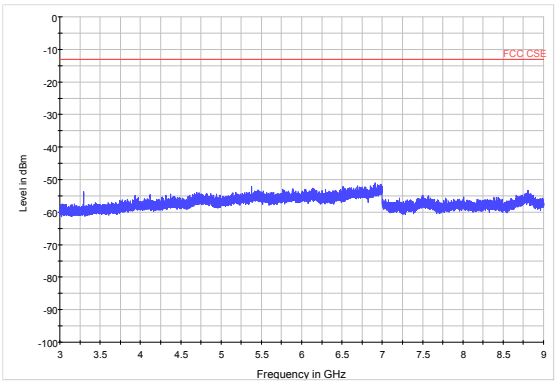
LTE Band 5 3MHz CH20415 1.5GHz~3GHz



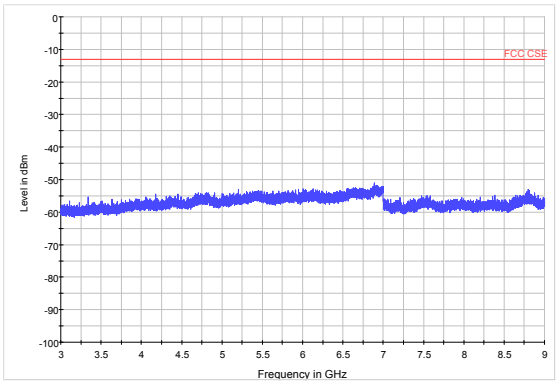
LTE Band 5 3MHz CH20525 1.5GHz~3GHz



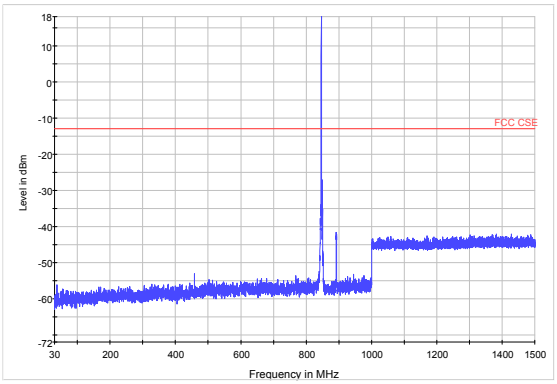
LTE Band 5 3MHz CH20415 3GHz~9GHz



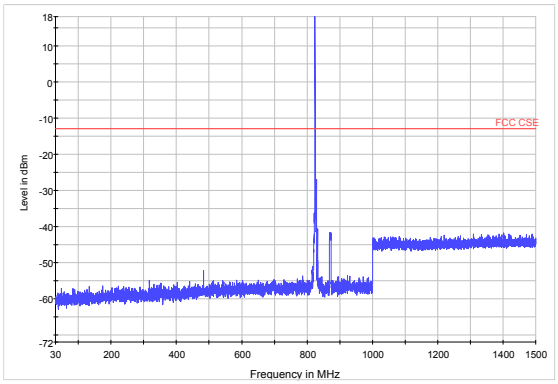
LTE Band 5 3MHz CH20525 3GHz~9GHz



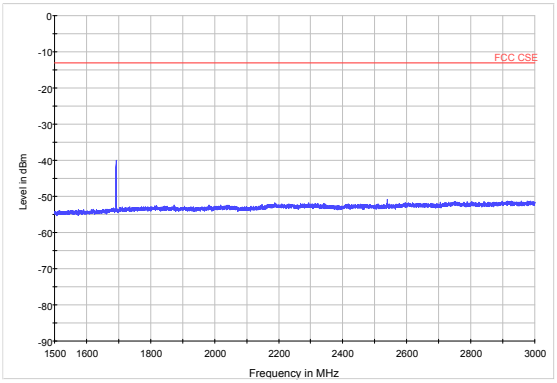
LTE Band 5 3MHz CH20635 30MHz~1.5GHz



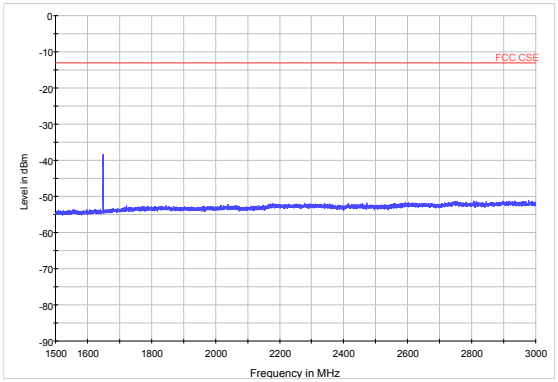
LTE Band 5 5MHz CH20425 30MHz~1.5GHz



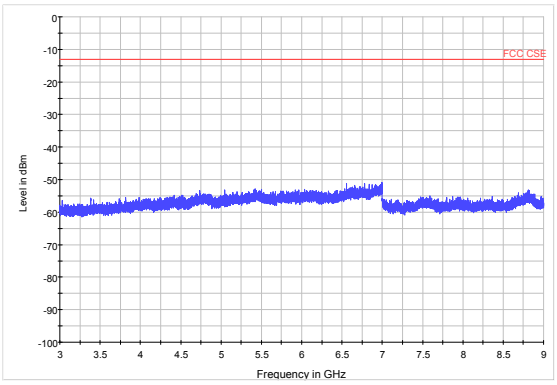
LTE Band 5 3MHz CH20635 1.5GHz~3GHz



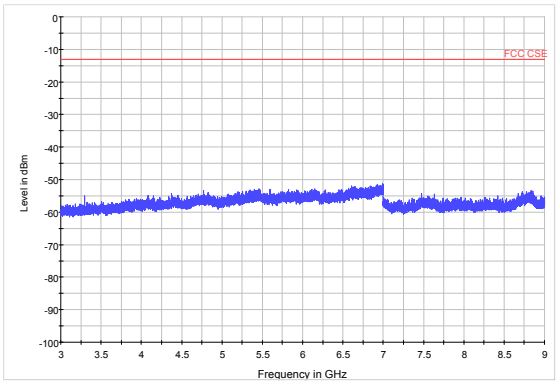
LTE Band 5 5MHz CH20425 1.5GHz~3GHz



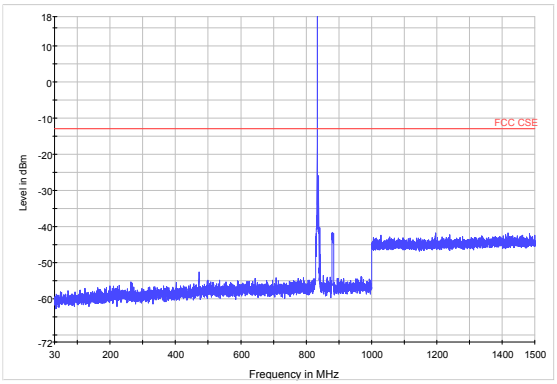
LTE Band 5 3MHz CH20635 3GHz~9GHz



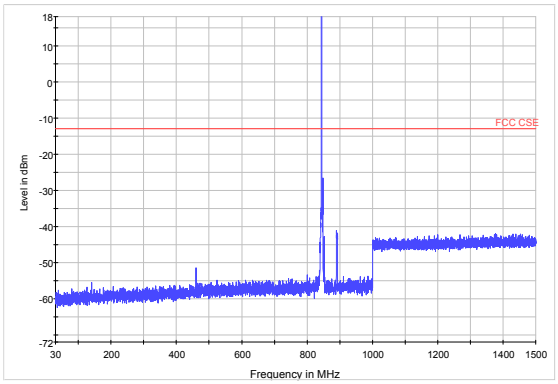
LTE Band 5 5MHz CH20425 3GHz~9GHz



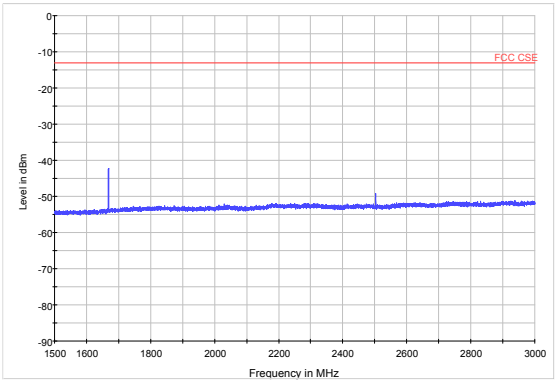
LTE Band 5 5MHz CH20525 30MHz~1.5GHz



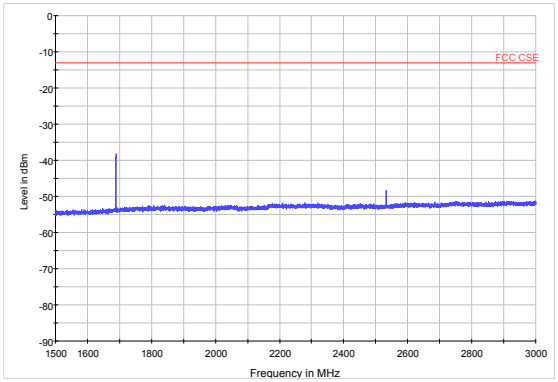
LTE Band 5 5MHz CH20625 30MHz~1.5GHz



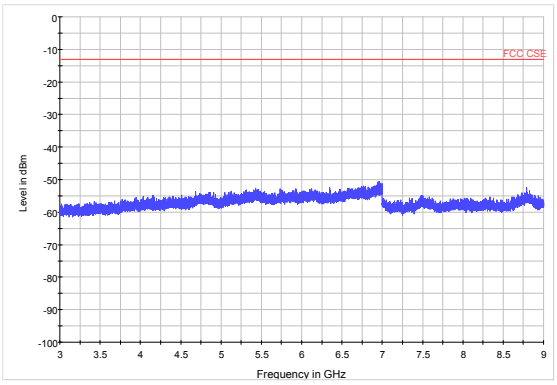
LTE Band 5 5MHz CH20525 1.5GHz~3GHz



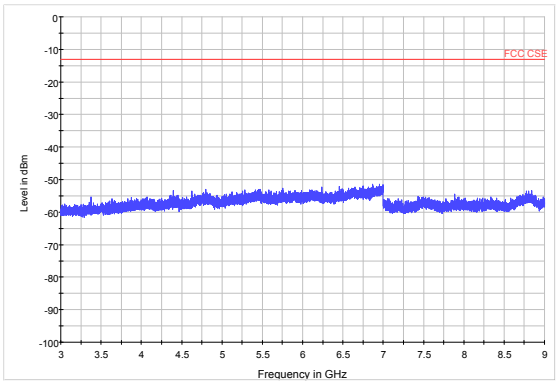
LTE Band 5 5MHz CH20625 1.5GHz~3GHz



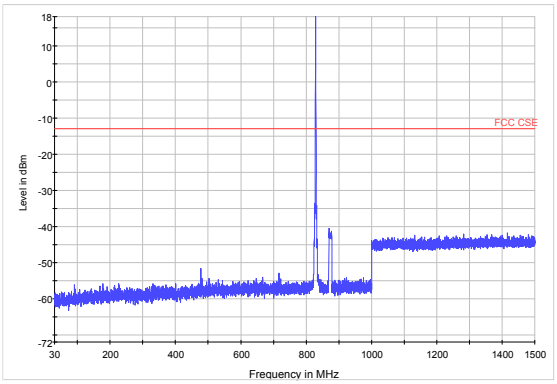
LTE Band 5 5MHz CH20525 3GHz~9GHz



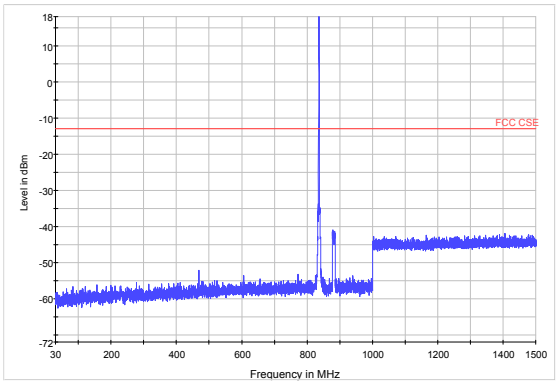
LTE Band 5 5MHz CH20625 3GHz~9GHz



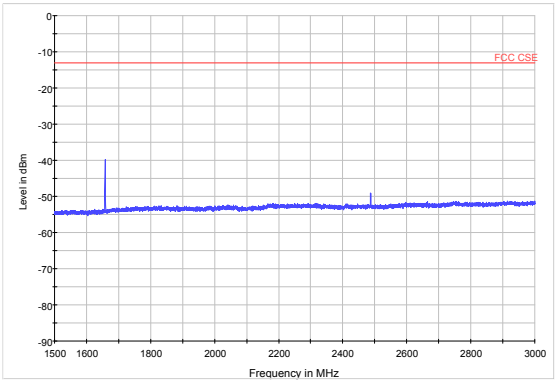
LTE Band 5 10MHz CH20450 30MHz~1.5GHz



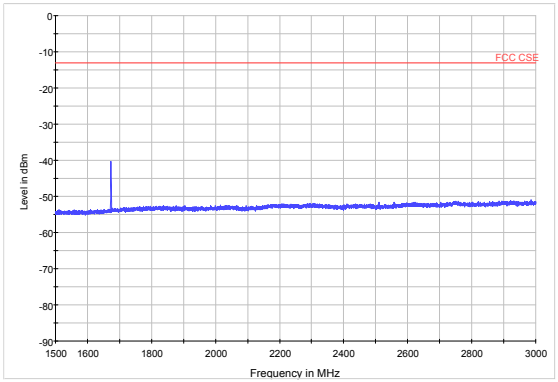
LTE Band 5 10MHz CH20525 30MHz~1.5GHz



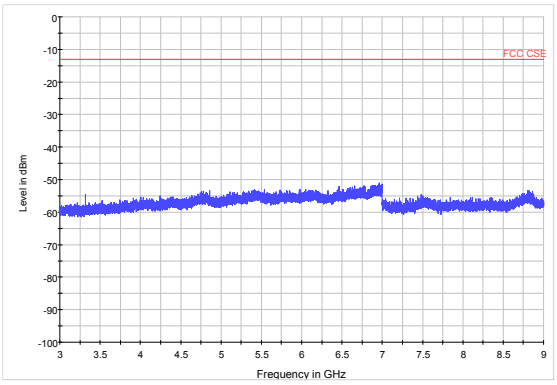
LTE Band 5 10MHz CH20450 1.5GHz~3GHz



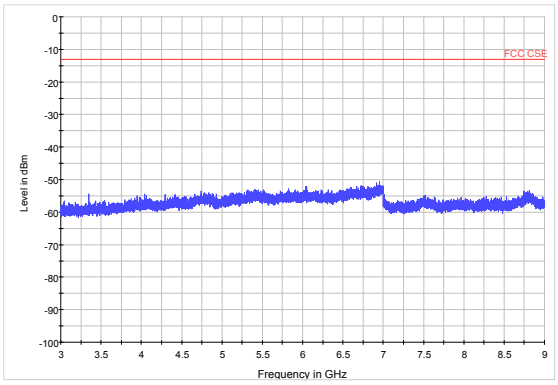
LTE Band 5 10MHz CH20525 1.5GHz~3GHz



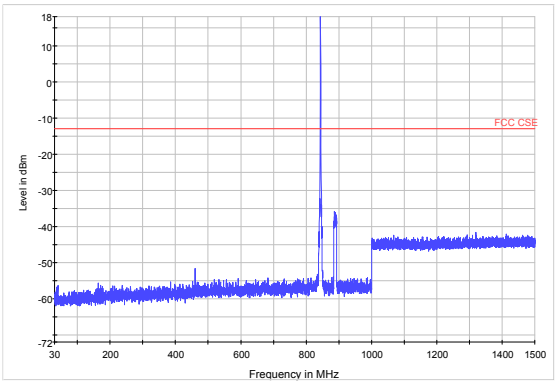
LTE Band 5 10MHz CH20450 3GHz~9GHz



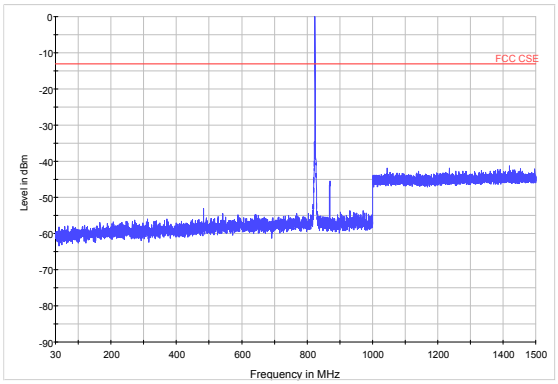
LTE Band 5 10MHz CH20525 3GHz~9GHz



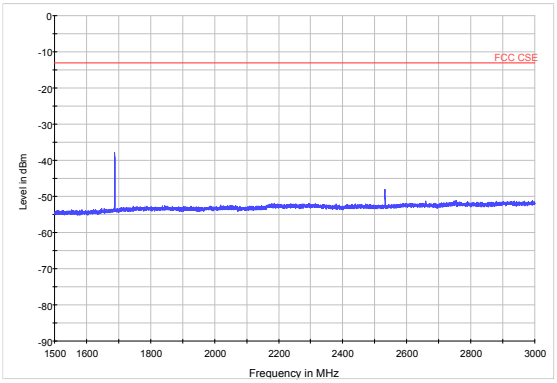
LTE Band 5 10MHz CH20600 30MHz~1.5GHz



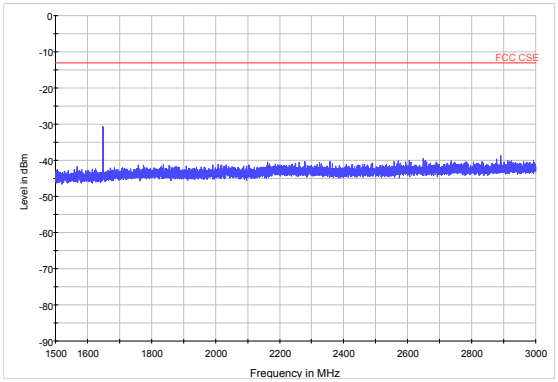
LTE Band 26 1.4MHz CH26797 30MHz~1.5GHz



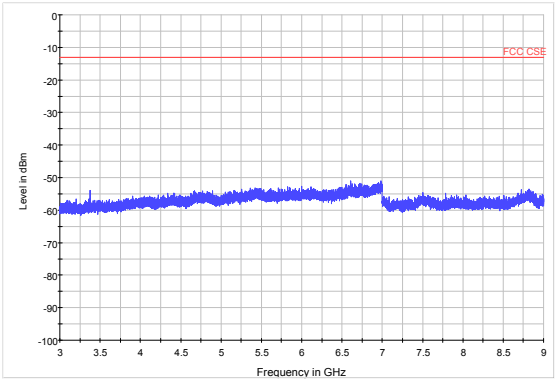
LTE Band 5 10MHz CH20600 1.5GHz~3GHz



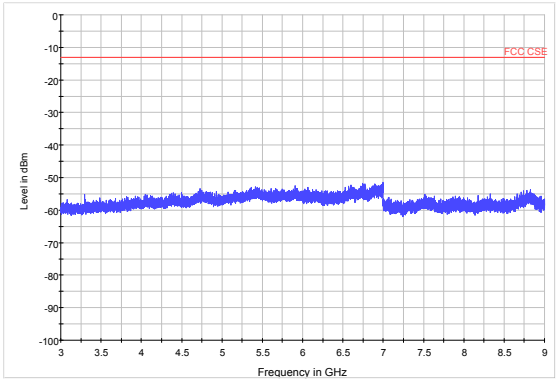
LTE Band 26 1.4MHz CH26797 1.5GHz~3GHz



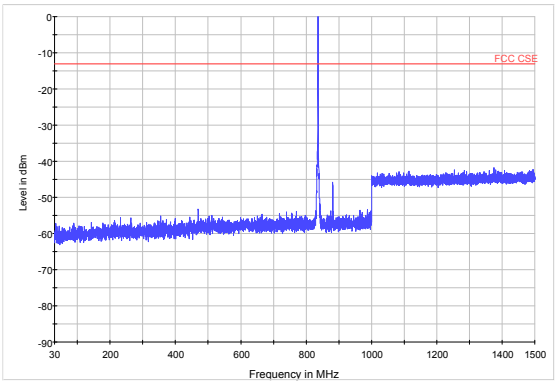
LTE Band 5 10MHz CH20600 3GHz~9GHz



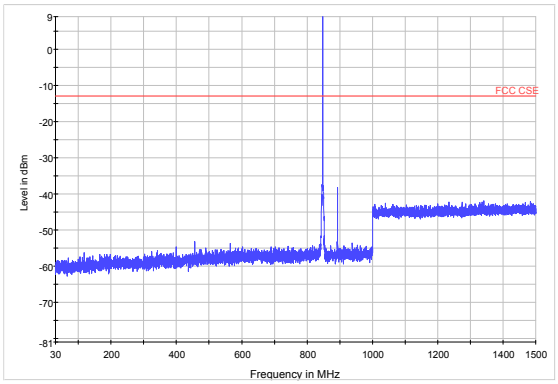
LTE Band 26 1.4MHz CH26797 3GHz~9GHz



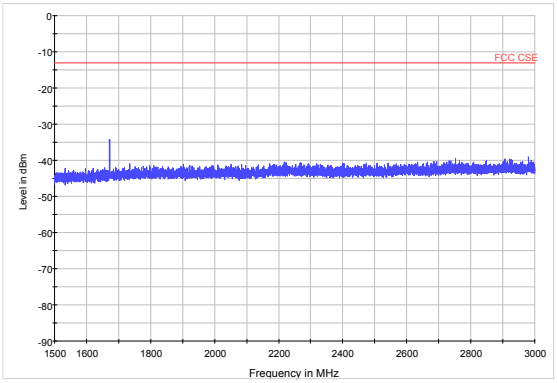
LTE Band 26 1.4MHz CH26915 30MHz~1.5GHz



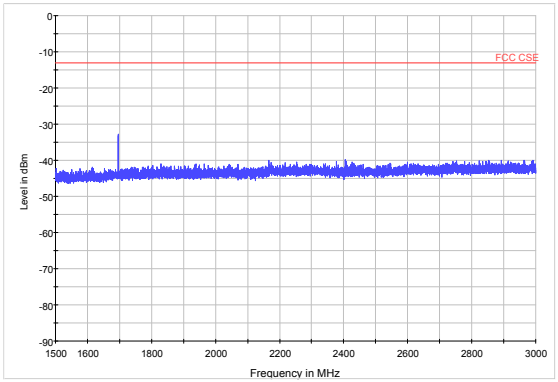
LTE Band 26 1.4MHz CH27033 30MHz~1.5GHz



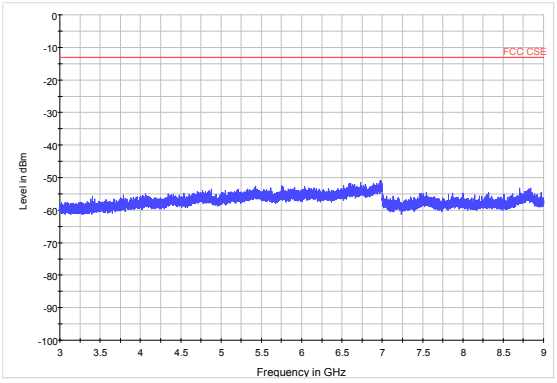
LTE Band 26 1.4MHz CH26915 1.5GHz~3GHz



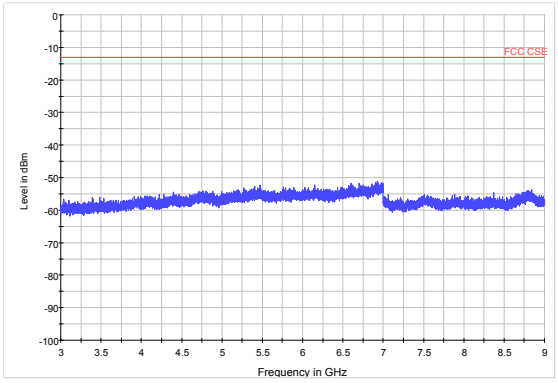
LTE Band 26 1.4MHz CH27033 1.5GHz~3GHz



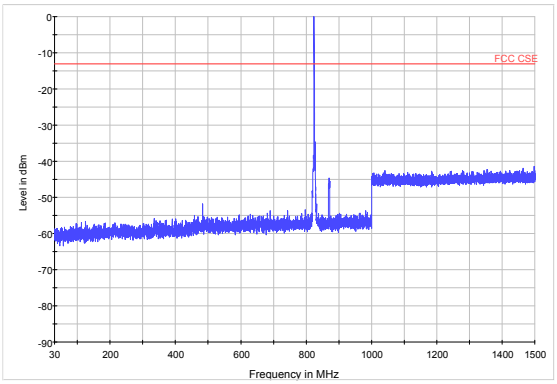
LTE Band 26 1.4MHz CH26915 3GHz~9GHz



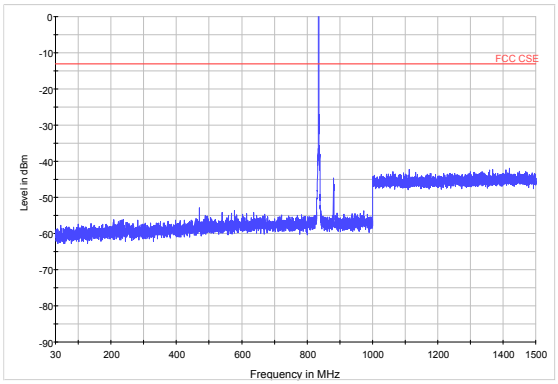
LTE Band 26 1.4MHz CH27033 3GHz~9GHz



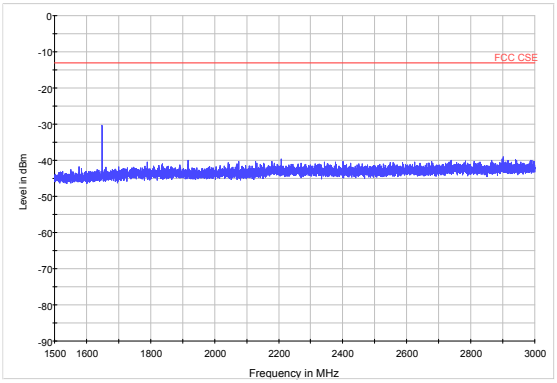
LTE Band 26 3MHz CH26805 30MHz~1.5GHz



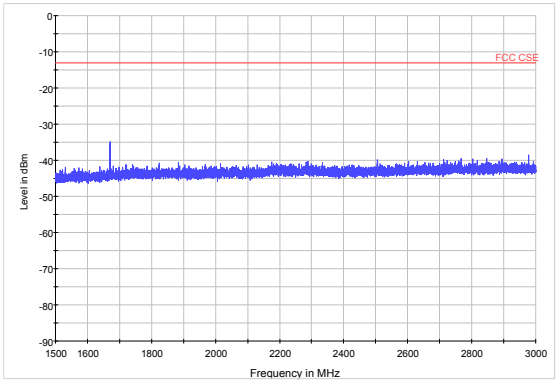
LTE Band 26 3MHz CH26915 30MHz~1.5GHz



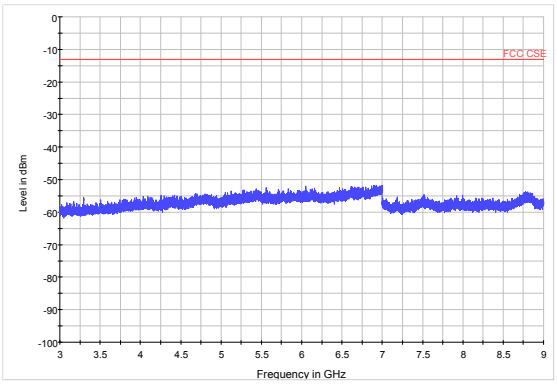
LTE Band 26 3MHz CH26805 1.5GHz~3GHz



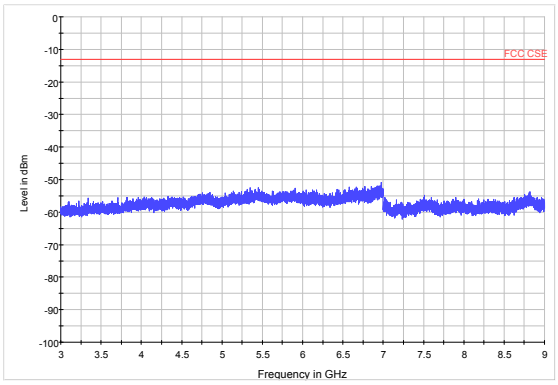
LTE Band 26 3MHz CH26915 1.5GHz~3GHz



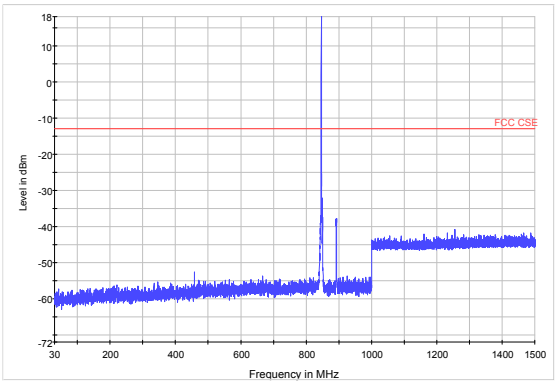
LTE Band 26 3MHz CH26805 3GHz~9GHz



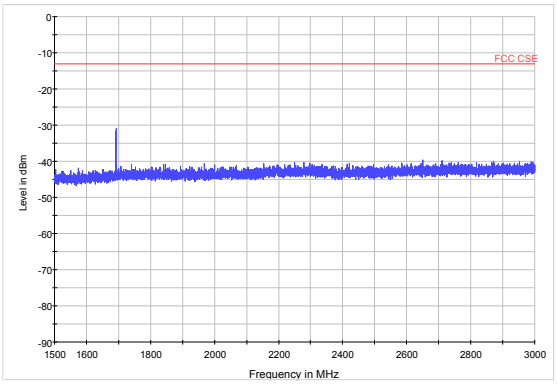
LTE Band 26 3MHz CH26915 3GHz~9GHz



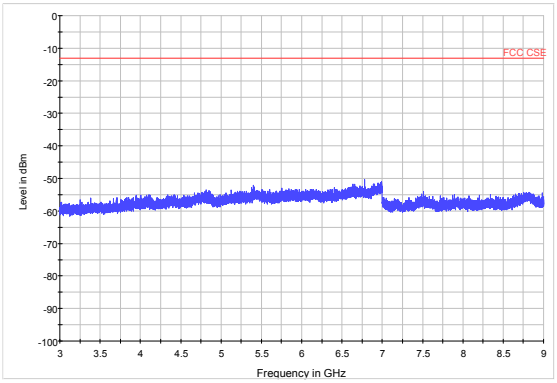
LTE Band 26 3MHz CH27025 30MHz~1.5GHz



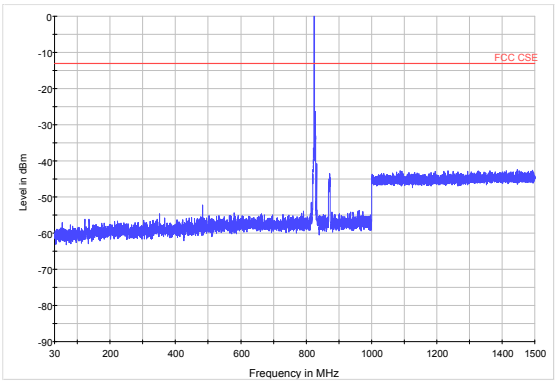
LTE Band 26 3MHz CH27025 1.5GHz~3GHz



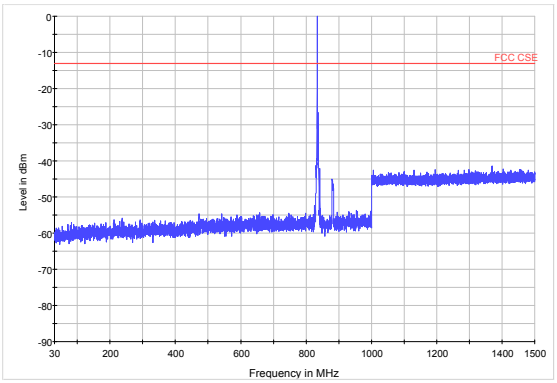
LTE Band 26 3MHz CH27025 3GHz~9GHz



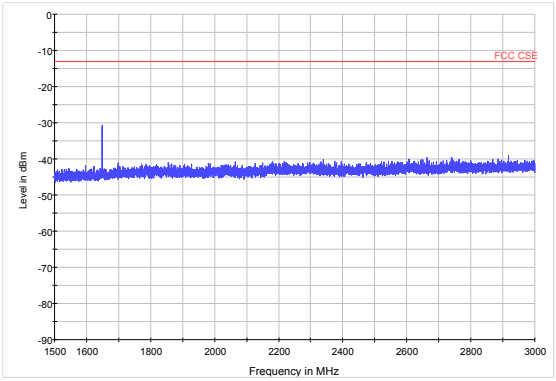
LTE Band 26 5MHz CH26815 30MHz~1.5GHz



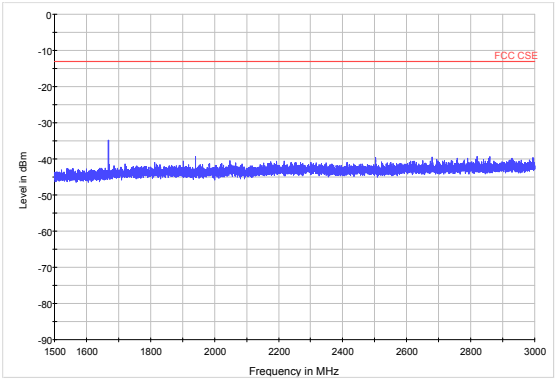
LTE Band 26 5MHz CH26915 30MHz~1.5GHz



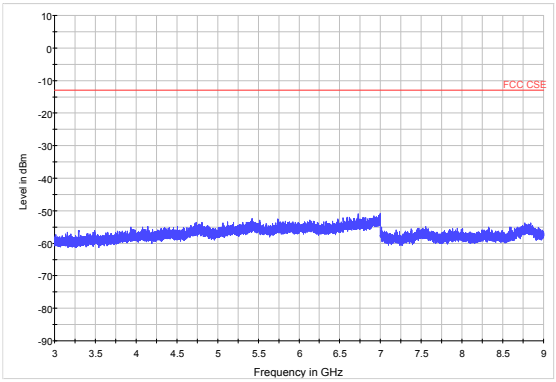
LTE Band 26 5MHz CH26815 1.5GHz~3GHz



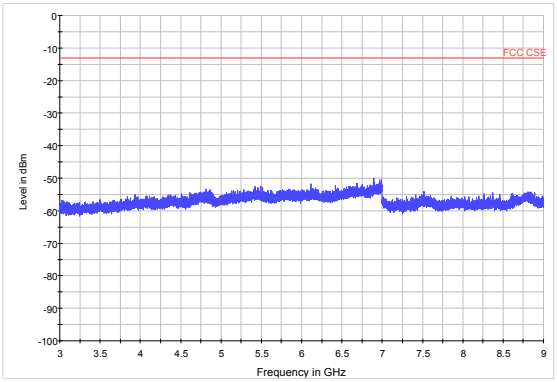
LTE Band 26 5MHz CH26915 1.5GHz~3GHz



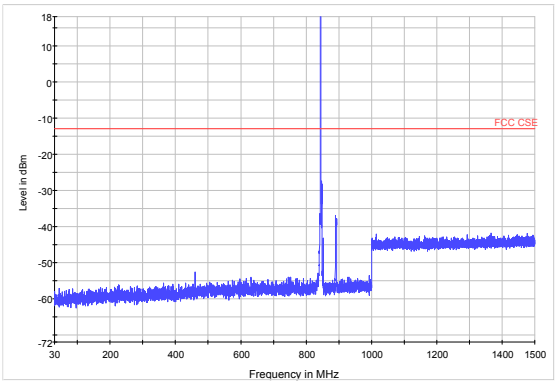
LTE Band 26 5MHz CH26815 3GHz~9GHz



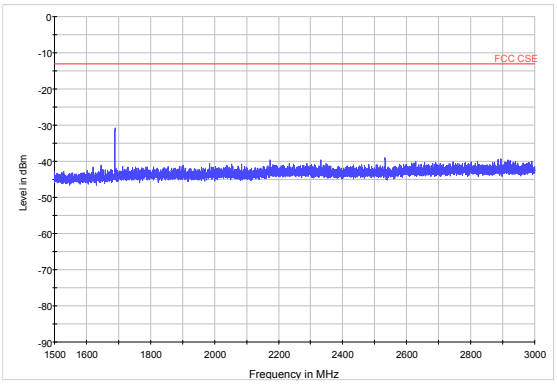
LTE Band 26 5MHz CH26915 3GHz~9GHz



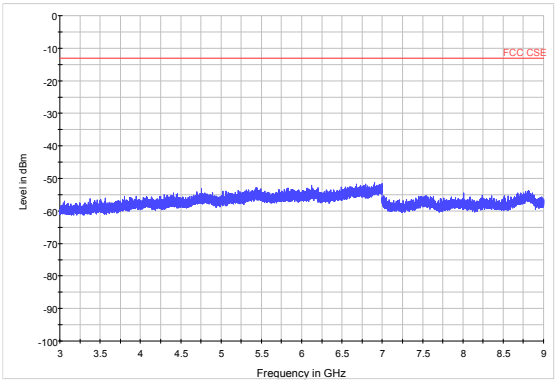
LTE Band 26 5MHz CH27015 30MHz~1.5GHz



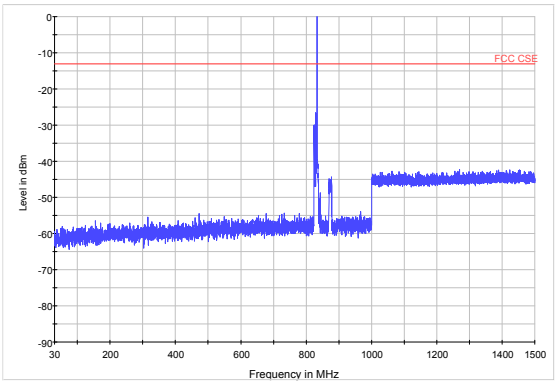
LTE Band 26 5MHz CH27015 1.5GHz~3GHz



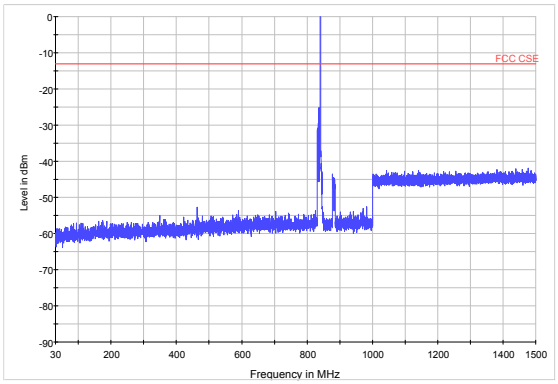
LTE Band 26 5MHz CH27015 3GHz~9GHz



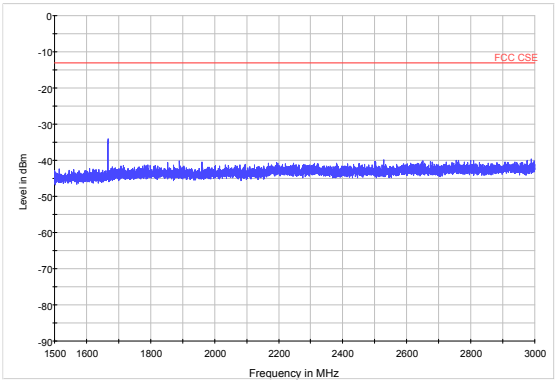
LTE Band 26 10MHz CH26840 30MHz~1.5GHz



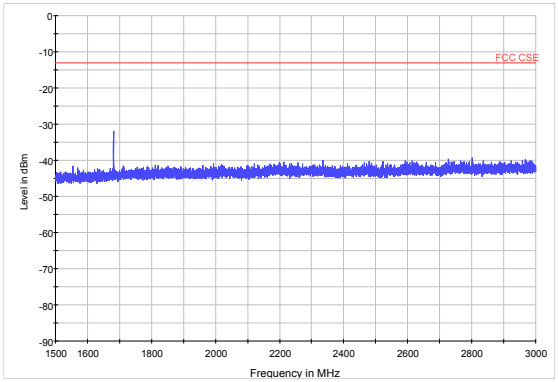
LTE Band 26 10MHz CH26915 30MHz~1.5GHz



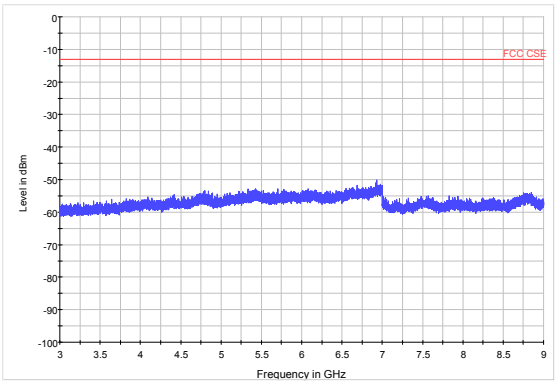
LTE Band 26 10MHz CH26840 1.5GHz~3GHz



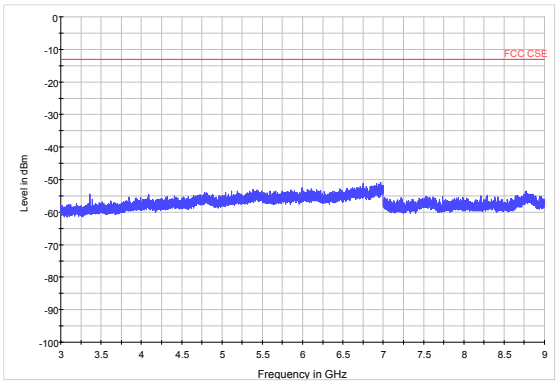
LTE Band 26 10MHz CH26915 1.5GHz~3GHz



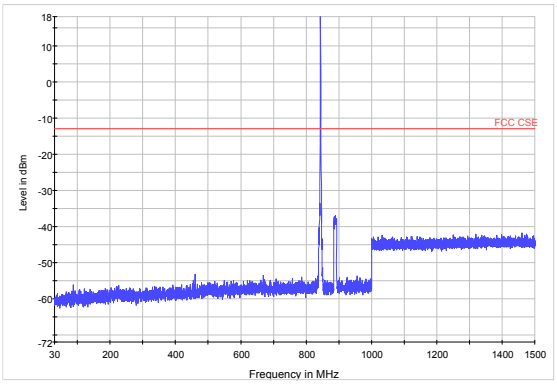
LTE Band 26 10MHz CH26840 3GHz~9GHz



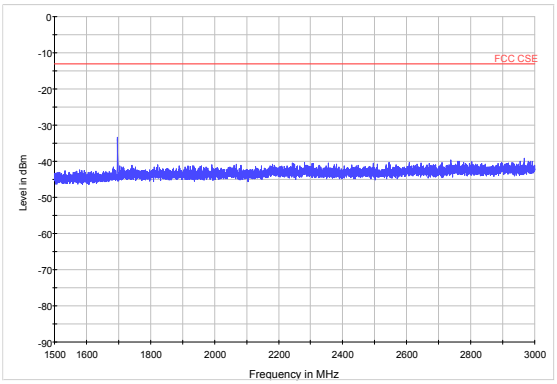
LTE Band 26 10MHz CH26915 3GHz~9GHz



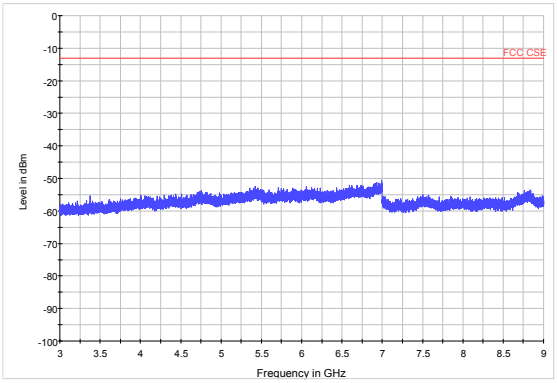
LTE Band 26 10MHz CH26990 30MHz~1.5GHz



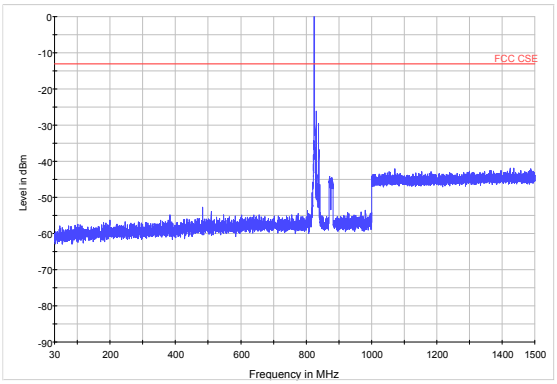
LTE Band 26 10MHz CH26990 1.5GHz~3GHz



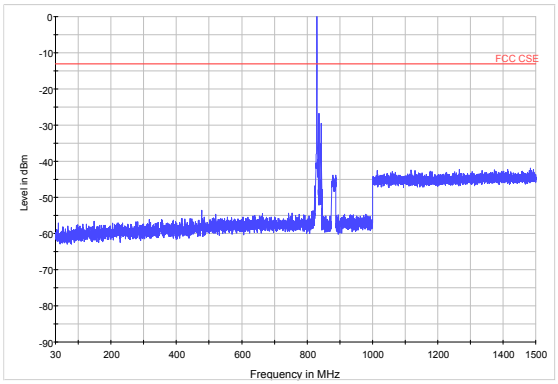
LTE Band 26 10MHz CH26990 3GHz~9GHz



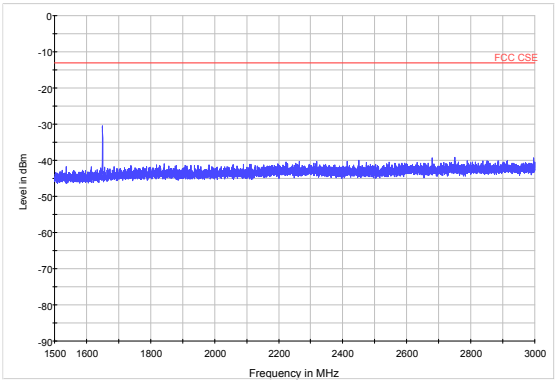
LTE Band 26 15MHz CH26865 30MHz~1.5GHz



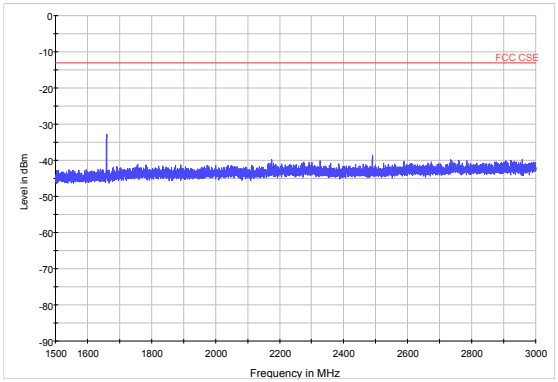
LTE Band 26 15MHz CH26915 30MHz~1.5GHz



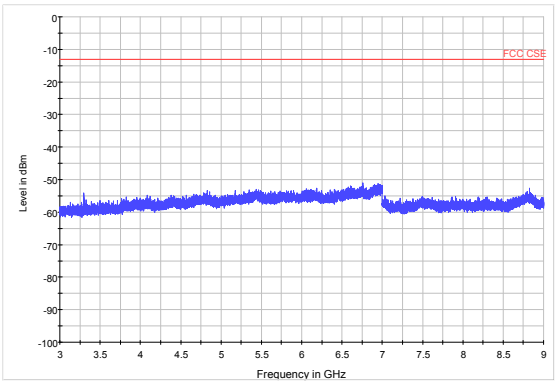
LTE Band 26 15MHz CH26865 1.5GHz~3GHz



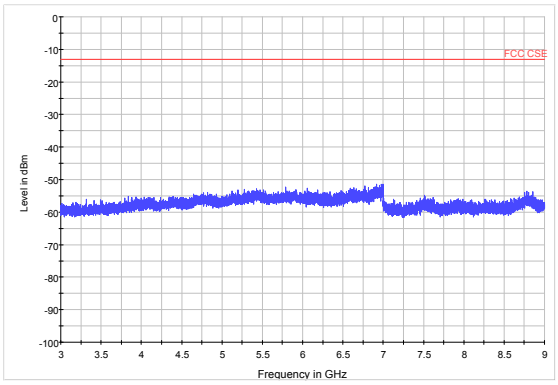
LTE Band 26 15MHz CH26915 1.5GHz~3GHz



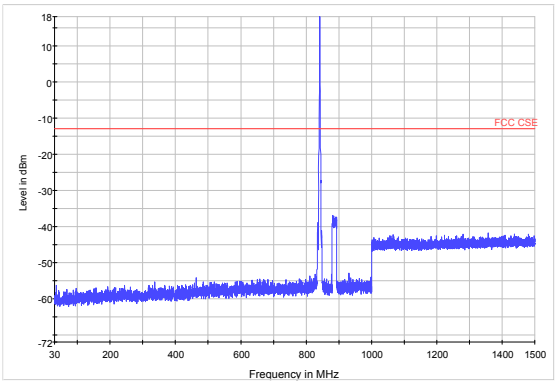
LTE Band 26 15MHz CH26865 3GHz~9GHz



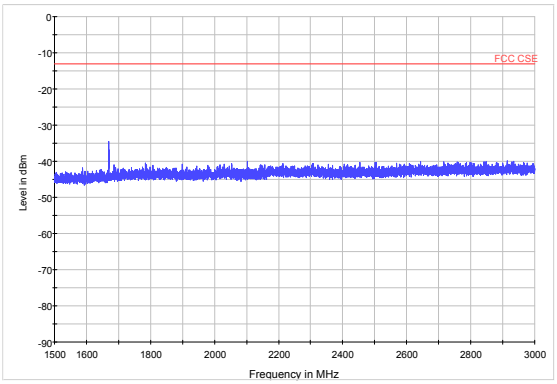
LTE Band 26 15MHz CH26915 3GHz~9GHz



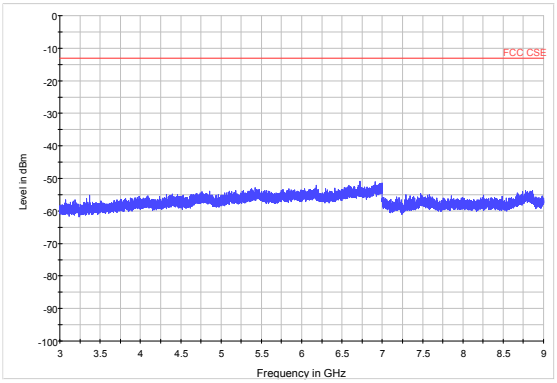
LTE Band 26 15MHz CH26965 30MHz~1.5GHz



LTE Band 26 15MHz CH26965 1.5GHz~3GHz



LTE Band 26 15MHz CH26965 3GHz~9GHz



5.7. Radiates Spurious Emission

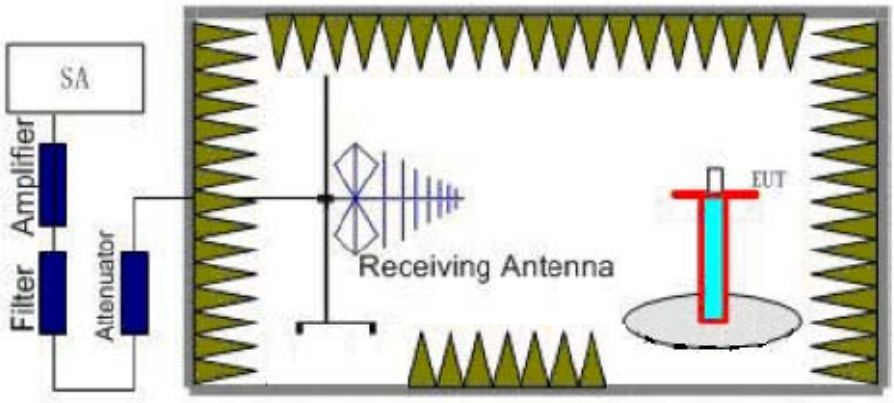
Ambient condition

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

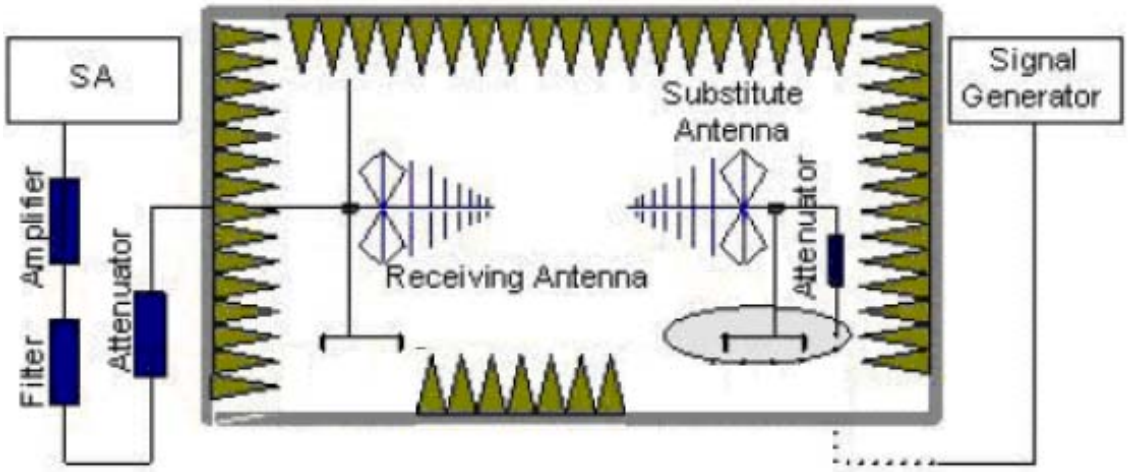
Method of Measurement

The measurements procedures in TIA -603-D are used.
The spectrum was scanned from 30 MHz to the 10th harmonic of the highest frequency generated within the equipment.
The emissions less than 20 dB below the permissible value are reported.

The procedure of Radiates Spurious Emission is as follows:
Step 1:
The measurement is carried out in the semi-anechoic chamber. EUT was placed on a 1.5 meters high non-conductive table at a 3 meters test distance from the test receive antenna. A receiving antenna was placed on the antenna mast 3 meters from the EUT. A radio link shall be established between EUT and Tester. The output power of the cell signal of the tester will be decreased until the output power of the EUT reach a maximum value. A peak detector is used while RBW and VBW are both set to 100 kHz. During the measurement, the highest emission was recorded from analyzer power level (LVL) from the 360 degrees rotation of the turntable and the test antenna moved up and down over a range from 1 to 4 meters in both horizontally and vertically polarized orientations. The test setup refers to figure below.



Step 2:
A dipole antenna shall be substituted in place of the EUT. The antenna will be driven by a signal generator with a adjustable S.G. applied through a Tx cable. Adjust the level of the signal generator output until the value of the receiver reach the previously recorded analyzer power level (LVL).Then The E.R.P. /E.I.R.P. of the EUT can be calculated through the level of the signal generator, Tx cable loss and the gain of the substitution antenna. The test setup refers to figure below.



E.R.P（peak power）=S.G. - Tx Cable loss + Substitution antenna gain – 2.15.
EIRP= E.R.P+2.15

Limits

Rule Part 22.917(a) 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

Receiver antenna polarization (horizontal and vertical), the worst emission was found in vertical polarization，and the worst case in vertical polarization was recorded.

GSM 850 CH128

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1648.4	-68.46	2	10.15	Vertical	-60.31	-13	47.31	180
3	2472.8	-58.48	2.51	11.35	Vertical	-49.64	-13	36.64	45
4	3296.8	-65.64	4.2	10.85	Vertical	-58.99	-13	45.99	270
5	4121.0	-64.55	5.2	11.35	Vertical	-58.40	-13	45.40	90
6	4945.2	-63.57	5.5	11.95	Vertical	-57.12	-13	44.12	180
7	5769.4	-63.78	5.7	13.55	Vertical	-55.93	-13	42.93	315
8	6593.6	-60.93	6.3	13.75	Vertical	-53.48	-13	40.48	270
9	7417.8	-62.58	6.8	13.85	Vertical	-55.53	-13	42.53	45
10	8242.0	-62.03	6.9	14.25	Vertical	-54.68	-13	41.68	180

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

GSM 850 CH190

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1673.2	-69.06	2	10.75	Vertical	-60.31	-13	47.31	180
3	2509.9	-58.18	2.51	11.05	Vertical	-49.64	-13	36.64	45
4	3346.4	-65.94	4.2	11.15	Vertical	-58.99	-13	45.99	270
5	4183.0	-64.35	5.2	11.15	Vertical	-58.40	-13	45.40	90
6	5019.6	-63.57	5.5	11.95	Vertical	-57.12	-13	44.12	180
7	5856.2	-63.78	5.7	13.55	Vertical	-55.93	-13	42.93	315
8	6692.8	-60.93	6.3	13.75	Vertical	-53.48	-13	40.48	270
9	7529.4	-62.58	6.8	13.85	Vertical	-55.53	-13	42.53	45
10	8366.0	-62.03	6.9	14.25	Vertical	-54.68	-13	41.68	180

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

GSM 850 CH251

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1697.6	-68.34	2	10.15	Vertical	-60.19	-13	47.19	315
3	2546.4	-60.47	2.51	11.05	Vertical	-51.93	-13	38.93	270
4	3395.2	-65.50	4.2	11.15	Vertical	-58.55	-13	45.55	45
5	4244.0	-62.44	5.2	11.15	Vertical	-56.49	-13	43.49	180
6	5092.8	-63.76	5.5	11.95	Vertical	-57.31	-13	44.31	45
7	5941.6	-63.70	5.7	13.55	Vertical	-55.85	-13	42.85	315
8	6790.4	-61.57	6.3	13.75	Vertical	-54.12	-13	41.12	270
9	7639.2	-60.17	6.8	13.85	Vertical	-53.12	-13	40.12	180
10	8488.0	-60.48	6.9	14.25	Vertical	-53.13	-13	40.13	180

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

CDMA BC0 CH1013

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1649.40	-68.85	2	10.15	Vertical	-60.70	-13.00	47.70	45
3	2474.10	-60.56	2.51	11.35	Vertical	-51.72	-13.00	38.72	315
4	3298.80	-63.45	4.2	10.85	Vertical	-56.80	-13.00	43.80	0
5	4123.50	-60.99	5.2	11.35	Vertical	-54.84	-13.00	41.84	45
6	4948.20	-60.31	5.5	11.95	Vertical	-53.86	-13.00	40.86	315
7	5772.90	-61.18	5.7	13.55	Vertical	-53.33	-13.00	40.33	135
8	6597.60	-58.86	6.3	13.75	Vertical	-51.41	-13.00	38.41	180
9	7422.30	-60.58	6.8	13.85	Vertical	-53.53	-13.00	40.53	225
10	8247.00	-60.10	6.9	14.25	Vertical	-52.75	-13.00	39.75	180

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

CDMA BC0 CH384

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1673.04	-63.26	2	10.75	Vertical	-54.51	-13.00	41.51	225
3	2509.56	-58.24	2.51	11.05	Vertical	-49.70	-13.00	36.70	180
4	3346.08	-63.22	4.2	11.15	Vertical	-56.27	-13.00	43.27	135
5	4182.60	-60.62	5.2	11.15	Vertical	-54.67	-13.00	41.67	180
6	5019.12	-60.71	5.5	11.95	Vertical	-54.26	-13.00	41.26	225
7	5855.64	-61.65	5.7	13.55	Vertical	-53.80	-13.00	40.80	180
8	6692.16	-58.56	6.3	13.75	Vertical	-51.11	-13.00	38.11	225
9	7528.68	-60.98	6.8	13.85	Vertical	-53.93	-13.00	40.93	135
10	8365.20	-59.64	6.9	14.25	Vertical	-52.29	-13.00	39.29	90

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

CDMA BC0 CH777

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1696.62	-65.68	2	10.15	Vertical	-57.53	-13.00	44.53	225
3	2544.93	-58.17	2.51	11.05	Vertical	-49.63	-13.00	36.63	0
4	3393.24	-62.94	4.2	11.15	Vertical	-55.99	-13.00	42.99	270
5	4241.55	-59.91	5.2	11.15	Vertical	-53.96	-13.00	40.96	45
6	5089.86	-60.94	5.5	11.95	Vertical	-54.49	-13.00	41.49	0
7	5938.17	-63.29	5.7	13.55	Vertical	-55.44	-13.00	42.44	135
8	6786.48	-59.39	6.3	13.75	Vertical	-51.94	-13.00	38.94	225
9	7634.79	-60.21	6.8	13.85	Vertical	-53.16	-13.00	40.16	180
10	8483.10	-60.38	6.9	14.25	Vertical	-53.03	-13.00	40.03	225

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

WCDMA Band V CH4357

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1654.3	-68.19	2	10.15	Vertical	-60.04	-13.00	47.04	135
3	2614.2	-61.91	2.51	11.35	Vertical	-53.07	-13.00	40.07	90
4	3485.6	-64.28	4.2	10.85	Vertical	-57.63	-13.00	44.63	135
5	4357.0	-63.50	5.2	11.35	Vertical	-57.35	-13.00	44.35	0
6	5228.4	-63.37	5.5	11.95	Vertical	-56.92	-13.00	43.92	90
7	6099.8	-62.79	5.7	13.55	Vertical	-54.94	-13.00	41.94	135
8	6971.2	-60.21	6.3	13.75	Vertical	-52.76	-13.00	39.76	225
9	7842.6	-63.10	6.8	13.85	Vertical	-56.05	-13.00	43.05	135
10	8714.0	-64.37	6.9	14.25	Vertical	-57.02	-13.00	44.02	315

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

WCDMA Band V CH4408

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1763.2	-68.93	2	10.75	Vertical	-60.18	-13.00	47.18	90
3	2644.8	-61.74	2.51	11.05	Vertical	-53.20	-13.00	40.20	0
4	3526.4	-64.00	4.2	11.15	Vertical	-57.05	-13.00	44.05	45
5	4408.0	-63.48	5.2	11.15	Vertical	-57.53	-13.00	44.53	315
6	5289.6	-62.61	5.5	11.95	Vertical	-56.16	-13.00	43.16	315
7	6171.2	-61.89	5.7	13.55	Vertical	-54.04	-13.00	41.04	90
8	7052.8	-59.64	6.3	13.75	Vertical	-52.19	-13.00	39.19	225
9	7934.4	-63.33	6.8	13.85	Vertical	-56.28	-13.00	43.28	135
10	8816.0	-64.65	6.9	14.25	Vertical	-57.30	-13.00	44.30	270

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

WCDMA Band V CH4458

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1783.2	-66.61	2	10.15	Vertical	-58.46	-13.00	45.46	135
3	2674.8	-62.01	2.51	11.05	Vertical	-53.47	-13.00	40.47	90
4	3566.4	-64.08	4.2	11.15	Vertical	-57.13	-13.00	44.13	45
5	4458.0	-63.17	5.2	11.15	Vertical	-57.22	-13.00	44.22	45
6	5349.6	-62.82	5.5	11.95	Vertical	-56.37	-13.00	43.37	0
7	6241.2	-62.85	5.7	13.55	Vertical	-55.00	-13.00	42.00	270
8	7132.8	-60.02	6.3	13.75	Vertical	-52.57	-13.00	39.57	270
9	8024.4	-63.87	6.8	13.85	Vertical	-56.82	-13.00	43.82	315
10	8916.0	-64.98	6.9	14.25	Vertical	-57.63	-13.00	44.63	225

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

LTE Band 5 1.4MHz CH20407

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1649.4	-61.21	2.00	10.75	vertical	-52.46	-13.00	39.46	90
3	2474.1	-55.40	2.51	11.05	vertical	-46.86	-13.00	33.86	180
4	3298.8	-53.21	4.20	11.15	vertical	-46.26	-13.00	33.26	45
5	4123.5	-51.09	5.20	11.15	vertical	-45.14	-13.00	32.14	90
6	4948.2	-48.61	5.50	11.95	vertical	-42.16	-13.00	29.16	180
7	5772.9	-49.70	5.70	13.55	vertical	-41.85	-13.00	28.85	225
8	6597.6	-47.59	6.30	13.75	vertical	-40.14	-13.00	27.14	135
9	7422.3	-46.23	6.80	13.85	vertical	-39.18	-13.00	26.18	315
10	8247	-48.00	6.90	14.25	vertical	-40.65	-13.00	27.65	225

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 vertical position.

LTE Band 5 1.4MHz CH20525

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1673.0	-58.30	2.00	10.75	vertical	-49.55	-13.00	19.55	315
3	2509.5	-55.27	2.51	11.05	vertical	-46.73	-13.00	33.73	45
4	3346	-53.11	4.20	11.15	vertical	-46.16	-13.00	33.16	45
5	4182.5	-51.20	5.20	11.15	vertical	-45.25	-13.00	32.25	90
6	5019	-49.20	5.50	11.95	vertical	-42.75	-13.00	29.75	0
7	5855.5	-49.19	5.70	13.55	vertical	-41.34	-13.00	28.34	225
8	6692	-48.29	6.30	13.75	vertical	-40.84	-13.00	27.84	135
9	7528.5	-46.31	6.80	13.85	vertical	-39.26	-13.00	26.26	270
10	8365	-48.30	6.90	14.25	vertical	-40.95	-13.00	27.95	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 vertical position.

LTE Band 5 1.4MHz CH20643

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1696.6	-60.88	2.00	10.75	vertical	-52.13	-13.00	39.13	90
3	2544.9	-55.00	2.51	11.05	vertical	-46.46	-13.00	33.46	315
4	3393.2	-53.40	4.20	11.15	vertical	-46.45	-13.00	33.45	45
5	4241.5	-51.59	5.20	11.15	vertical	-45.64	-13.00	32.64	90
6	5089.8	-48.97	5.50	11.95	vertical	-42.52	-13.00	29.52	45
7	5938.1	-49.60	5.70	13.55	vertical	-41.75	-13.00	28.75	90
8	6786.4	-48.19	6.30	13.75	vertical	-40.74	-13.00	27.74	135
9	7634.7	-46.58	6.80	13.85	vertical	-39.53	-13.00	26.53	0
10	8483	-47.75	6.90	14.25	vertical	-40.40	-13.00	27.40	225

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 vertical position.

LTE Band 5 3MHz CH20415

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1651	-61.40	2.00	10.75	vertical	-52.65	-13.00	39.65	45
3	2476.5	-54.69	2.51	11.05	vertical	-46.15	-13.00	33.15	0
4	3302	-53.47	4.20	11.15	vertical	-46.52	-13.00	33.52	45
5	4127.5	-51.38	5.20	11.15	vertical	-45.43	-13.00	32.43	90
6	4953	-49.06	5.50	11.95	vertical	-42.61	-13.00	29.61	180
7	5778.5	-49.58	5.70	13.55	vertical	-41.73	-13.00	28.73	225
8	6604	-47.71	6.30	13.75	vertical	-40.26	-13.00	27.26	135
9	7429.5	-46.48	6.80	13.85	vertical	-39.43	-13.00	26.43	315
10	8255	-47.86	6.90	14.25	vertical	-40.51	-13.00	27.51	225

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 vertical position.

LTE Band 5 3MHz CH20525

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1673.0	-61.07	2.00	10.75	vertical	-52.32	-13.00	39.32	90
3	2509.5	-55.11	2.51	11.05	vertical	-46.57	-13.00	33.57	135
4	3346	-53.38	4.20	11.15	vertical	-46.43	-13.00	33.43	45
5	4182.5	-51.20	5.20	11.15	vertical	-45.25	-13.00	32.25	90
6	5019	-49.29	5.50	11.95	vertical	-42.84	-13.00	29.84	0
7	5855.5	-49.21	5.70	13.55	vertical	-41.36	-13.00	28.36	225
8	6692	-48.22	6.30	13.75	vertical	-40.77	-13.00	27.77	135
9	7528.5	-46.56	6.80	13.85	vertical	-39.51	-13.00	26.51	270
10	8365	-48.09	6.90	14.25	vertical	-40.74	-13.00	27.74	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 vertical position.

LTE Band 5 3MHz CH20635

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1695	-61.21	2.00	10.75	vertical	-52.46	-13.00	39.46	90
3	2542.5	-55.49	2.51	11.05	vertical	-46.95	-13.00	33.95	270
4	3390	-53.41	4.20	11.15	vertical	-46.46	-13.00	33.46	45
5	4237.5	-51.47	5.20	11.15	vertical	-45.52	-13.00	32.52	90
6	5085	-48.64	5.50	11.95	vertical	-42.19	-13.00	29.19	45
7	5932.5	-49.21	5.70	13.55	vertical	-41.36	-13.00	28.36	90
8	6780	-48.01	6.30	13.75	vertical	-40.56	-13.00	27.56	135
9	7627.5	-46.47	6.80	13.85	vertical	-39.42	-13.00	26.42	0
10	8475	-47.84	6.90	14.25	vertical	-40.49	-13.00	27.49	225

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 vertical position.

LTE Band 5 5MHz CH20425

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1653	-61.01	2.00	10.75	vertical	-52.26	-13.00	39.26	0
3	2479.5	-55.05	2.51	11.05	vertical	-46.51	-13.00	33.51	180
4	3306	-53.76	4.20	11.15	vertical	-46.81	-13.00	33.81	0
5	4132.5	-51.51	5.20	11.15	vertical	-45.56	-13.00	32.56	90
6	4959	-48.50	5.50	11.95	vertical	-42.05	-13.00	29.05	270
7	5785.5	-49.00	5.70	13.55	vertical	-41.15	-13.00	28.15	225
8	6612	-47.80	6.30	13.75	vertical	-40.35	-13.00	27.35	135
9	7438.5	-46.67	6.80	13.85	vertical	-39.62	-13.00	26.62	225
10	8265	-47.40	6.90	14.25	vertical	-40.05	-13.00	27.05	225

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 vertical position.

LTE Band 5 5MHz CH20525

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1673.0	-60.91	2.00	10.75	vertical	-52.16	-13.00	39.16	90
3	2509.5	-55.29	2.51	11.05	vertical	-46.75	-13.00	33.75	135
4	3346	-53.27	4.20	11.15	vertical	-46.32	-13.00	33.32	45
5	4182.5	-51.70	5.20	11.15	vertical	-45.75	-13.00	32.75	90
6	5019	-48.80	5.50	11.95	vertical	-42.35	-13.00	29.35	0
7	5855.5	-49.29	5.70	13.55	vertical	-41.44	-13.00	28.44	90
8	6692	-47.94	6.30	13.75	vertical	-40.49	-13.00	27.49	135
9	7528.5	-46.39	6.80	13.85	vertical	-39.34	-13.00	26.34	270
10	8365	-48.04	6.90	14.25	vertical	-40.69	-13.00	27.69	225

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 vertical position.

LTE Band 5 5MHz CH20625

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1693.0	-61.38	2.00	10.75	vertical	-52.63	-13.00	39.63	270
3	2539.5	-55.07	2.51	11.05	vertical	-46.53	-13.00	33.53	225
4	3386	-53.77	4.20	11.15	vertical	-46.82	-13.00	33.82	45
5	4232.5	-51.41	5.20	11.15	vertical	-45.46	-13.00	32.46	90
6	5079	-48.54	5.50	11.95	vertical	-42.09	-13.00	29.09	270
7	5925.5	-49.28	5.70	13.55	vertical	-41.43	-13.00	28.43	90
8	6772	-47.84	6.30	13.75	vertical	-40.39	-13.00	27.39	45
9	7618.5	-46.23	6.80	13.85	vertical	-39.18	-13.00	26.18	0
10	8465	-47.78	6.90	14.25	vertical	-40.43	-13.00	27.43	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 vertical position.

LTE Band 5 10MHz CH20450

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1658	-61.27	2.00	10.75	vertical	-52.52	-13.00	39.52	270
3	2487	-55.02	2.51	11.05	vertical	-46.48	-13.00	33.48	180
4	3316	-53.76	4.20	11.15	vertical	-46.81	-13.00	33.81	45
5	4145	-51.51	5.20	11.15	vertical	-45.56	-13.00	32.56	90
6	4974	-48.50	5.50	11.95	vertical	-42.05	-13.00	29.05	315
7	5803	-49.00	5.70	13.55	vertical	-41.15	-13.00	28.15	225
8	6632	-47.80	6.30	13.75	vertical	-40.35	-13.00	27.35	270
9	7461	-46.67	6.80	13.85	vertical	-39.62	-13.00	26.62	225
10	8290	-47.40	6.90	14.25	vertical	-40.05	-13.00	27.05	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 vertical position.

LTE Band 5 10MHz CH20525

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1673.0	-61.05	2.00	10.75	vertical	-52.30	-13.00	39.30	45
3	2509.5	-55.17	2.51	11.05	vertical	-46.63	-13.00	33.63	135
4	3346	-53.27	4.20	11.15	vertical	-46.32	-13.00	33.32	45
5	4182.5	-51.70	5.20	11.15	vertical	-45.75	-13.00	32.75	90
6	5019	-48.80	5.50	11.95	vertical	-42.35	-13.00	29.35	0
7	5855.5	-49.29	5.70	13.55	vertical	-41.44	-13.00	28.44	90
8	6692	-47.94	6.30	13.75	vertical	-40.49	-13.00	27.49	135
9	7528.5	-46.39	6.80	13.85	vertical	-39.34	-13.00	26.34	0
10	8365	-48.04	6.90	14.25	vertical	-40.69	-13.00	27.69	225

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 vertical position.

LTE Band 5 10MHz CH20600

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1688	-60.88	2.00	10.75	vertical	-52.13	-13.00	39.13	0
3	2532	-55.39	2.51	11.05	vertical	-46.85	-13.00	33.85	225
4	3376	-53.77	4.20	11.15	vertical	-46.82	-13.00	33.82	45
5	4220	-51.41	5.20	11.15	vertical	-45.46	-13.00	32.46	135
6	5064	-48.54	5.50	11.95	vertical	-42.09	-13.00	29.09	270
7	5908	-49.28	5.70	13.55	vertical	-41.43	-13.00	28.43	90
8	6752	-47.84	6.30	13.75	vertical	-40.39	-13.00	27.39	45
9	7596	-46.23	6.80	13.85	vertical	-39.18	-13.00	26.18	0
10	8440	-47.78	6.90	14.25	vertical	-40.43	-13.00	27.43	225

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 vertical position.

LTE Band 26 1.4MHz CH26797

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1644.8	-67.02	2.00	10.75	vertical	-58.27	-13.00	45.27	225
3	2444.10	-50.88	2.51	11.05	vertical	-42.34	-13.00	29.34	90
4	3258.80	-51.42	4.20	11.15	vertical	-44.47	-13.00	31.47	0
5	4073.50	-56.44	5.20	11.15	vertical	-50.49	-13.00	37.49	90
6	4888.20	-56.32	5.50	11.95	vertical	-49.87	-13.00	36.87	45
7	5702.90	-50.50	5.70	13.55	vertical	-42.65	-13.00	29.65	0
8	6517.60	-52.04	6.30	13.75	vertical	-44.59	-13.00	31.59	135
9	7332.30	-48.74	6.80	13.85	vertical	-41.69	-13.00	28.69	90
10	8147.00	-52.73	6.90	14.25	vertical	-45.38	-13.00	32.38	225

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 vertical position.

LTE Band 26 1.4MHz CH26915

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1668.2	-64.47	2.00	10.75	vertical	-55.72	-13.00	42.72	270
3	2502.9	-62.61	2.51	11.05	vertical	-54.07	-13.00	41.07	270
4	3346.0	-60.50	4.20	11.15	vertical	-53.55	-13.00	40.55	180
5	4182.5	-56.13	5.20	11.15	vertical	-50.18	-13.00	37.18	270
6	5019.0	-56.91	5.50	11.95	vertical	-50.46	-13.00	37.46	45
7	5855.5	-51.53	5.70	13.55	vertical	-43.68	-13.00	30.68	225
8	6692.0	-50.91	6.30	13.75	vertical	-43.46	-13.00	30.46	90
9	7528.5	-49.30	6.80	13.85	vertical	-42.25	-13.00	29.25	135
10	8365.0	-51.54	6.90	14.25	vertical	-44.19	-13.00	31.19	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 vertical position.

LTE Band 26 1.4MHz CH27033

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1695.8	-63.91	2.00	10.75	vertical	-55.16	-13.00	42.16	270
3	2542.4	-61.03	2.51	11.05	vertical	-52.49	-13.00	39.49	225
4	3393.2	-52.63	4.20	11.15	vertical	-45.68	-13.00	32.68	180
5	4241.5	-56.30	5.20	11.15	vertical	-50.35	-13.00	37.35	135
6	5089.8	-56.33	5.50	11.95	vertical	-49.88	-13.00	36.88	225
7	5938.1	-52.51	5.70	13.55	vertical	-44.66	-13.00	31.66	180
8	6786.4	-50.50	6.30	13.75	vertical	-43.05	-13.00	30.05	135
9	7634.7	-49.52	6.80	13.85	vertical	-42.47	-13.00	29.47	315
10	8483.0	-53.19	6.90	14.25	vertical	-45.84	-13.00	32.84	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 vertical position.

LTE Band 26 3MHz CH26805

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1648.5	-67.23	2.00	10.75	vertical	-58.48	-13.00	45.48	270
3	2472.8	-62.39	2.51	11.05	vertical	-53.85	-13.00	40.85	270
4	3302.0	-52.63	4.20	11.15	vertical	-45.68	-13.00	32.68	135
5	4127.5	-56.39	5.20	11.15	vertical	-50.44	-13.00	37.44	135
6	4953.0	-56.08	5.50	11.95	vertical	-49.63	-13.00	36.63	180
7	5778.5	-52.43	5.70	13.55	vertical	-44.58	-13.00	31.58	270
8	6604.0	-51.10	6.30	13.75	vertical	-43.65	-13.00	30.65	270
9	7429.5	-49.97	6.80	13.85	vertical	-42.92	-13.00	29.92	90
10	8255.0	-52.62	6.90	14.25	vertical	-45.27	-13.00	32.27	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 vertical position.

LTE Band 26 3MHz CH26915

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1670.6	-64.36	2.00	10.75	vertical	-55.61	-13.00	42.61	225
3	2509.5	-59.11	2.51	11.05	vertical	-50.57	-13.00	37.57	45
4	3346.0	-50.43	4.20	11.15	vertical	-43.48	-13.00	30.48	180
5	4182.5	-56.76	5.20	11.15	vertical	-50.81	-13.00	37.81	270
6	5019.0	-57.29	5.50	11.95	vertical	-50.84	-13.00	37.84	270
7	5855.5	-51.69	5.70	13.55	vertical	-43.84	-13.00	30.84	90
8	6692.0	-51.37	6.30	13.75	vertical	-43.92	-13.00	30.92	90
9	7528.5	-49.32	6.80	13.85	vertical	-42.27	-13.00	29.27	135
10	8365.0	-52.27	6.90	14.25	vertical	-44.92	-13.00	31.92	90

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 vertical position.

LTE Band 26 3MHz CH27025

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1692.4	-63.37	2.00	10.75	vertical	-54.62	-13.00	41.62	225
3	2542.5	-58.88	2.51	11.05	vertical	-50.34	-13.00	37.34	225
4	3390.0	-51.42	4.20	11.15	vertical	-44.47	-13.00	31.47	180
5	4237.5	-56.60	5.20	11.15	vertical	-50.65	-13.00	37.65	90
6	5085.0	-56.06	5.50	11.95	vertical	-49.61	-13.00	36.61	90
7	5932.5	-50.39	5.70	13.55	vertical	-42.54	-13.00	29.54	90
8	6780.0	-52.21	6.30	13.75	vertical	-44.76	-13.00	31.76	180
9	7627.5	-48.64	6.80	13.85	vertical	-41.59	-13.00	28.59	90
10	8475.0	-51.72	6.90	14.25	vertical	-44.37	-13.00	31.37	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 vertical position.

LTE Band 26 5MHz CH26815

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1653.0	-56.12	2.00	10.75	vertical	-47.37	-13.00	34.37	180
3	2648.7	-65.87	2.51	11.05	vertical	-57.33	-13.00	44.33	180
4	3306.0	-52.23	4.20	11.15	vertical	-45.28	-13.00	32.28	135
5	4132.5	-56.88	5.20	11.15	vertical	-50.93	-13.00	37.93	135
6	4959.0	-55.82	5.50	11.95	vertical	-49.37	-13.00	36.37	270
7	5785.5	-52.65	5.70	13.55	vertical	-44.80	-13.00	31.80	270
8	6612.0	-50.50	6.30	13.75	vertical	-43.05	-13.00	30.05	45
9	7438.5	-49.69	6.80	13.85	vertical	-42.64	-13.00	29.64	225
10	8265.0	-52.87	6.90	14.25	vertical	-45.52	-13.00	32.52	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 vertical position.

LTE Band 26 5MHz CH26915

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1668.6	-63.77	2.00	10.75	vertical	-55.02	-13.00	42.02	270
3	2509.5	-59.26	2.51	11.05	vertical	-50.72	-13.00	37.72	135
4	3346.0	-50.02	4.20	11.15	vertical	-43.07	-13.00	30.07	180
5	4182.5	-56.30	5.20	11.15	vertical	-50.35	-13.00	37.35	90
6	5019.0	-56.80	5.50	11.95	vertical	-50.35	-13.00	37.35	270
7	5855.5	-51.20	5.70	13.55	vertical	-43.35	-13.00	30.35	135
8	6692.0	-50.62	6.30	13.75	vertical	-43.17	-13.00	30.17	90
9	7528.5	-49.87	6.80	13.85	vertical	-42.82	-13.00	29.82	315
10	8365.0	-51.73	6.90	14.25	vertical	-44.38	-13.00	31.38	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 vertical position.

LTE Band 26 5MHz CH27015

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1688.4	-65.57	2.00	10.75	vertical	-56.82	-13.00	43.82	315
3	2539.5	-59.48	2.51	11.05	vertical	-50.94	-13.00	37.94	270
4	3386.0	-51.87	4.20	11.15	vertical	-44.92	-13.00	31.92	135
5	4232.5	-56.47	5.20	11.15	vertical	-50.52	-13.00	37.52	315
6	5079.0	-55.51	5.50	11.95	vertical	-49.06	-13.00	36.06	270
7	5925.5	-50.77	5.70	13.55	vertical	-42.92	-13.00	29.92	90
8	6772.0	-51.69	6.30	13.75	vertical	-44.24	-13.00	31.24	90
9	7618.5	-48.11	6.80	13.85	vertical	-41.06	-13.00	28.06	135
10	8465.0	-52.25	6.90	14.25	vertical	-44.90	-13.00	31.90	270

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 vertical position.

LTE Band 26 10MHz CH26840

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1666.7	-63.02	2.00	10.75	vertical	-54.27	-13.00	41.27	270
3	2460.00	-60.41	2.51	11.05	vertical	-51.87	-13.00	38.87	270
4	3280.00	-58.64	4.20	11.15	vertical	-51.69	-13.00	38.69	225
5	4100.00	-57.37	5.20	11.15	vertical	-51.42	-13.00	38.42	45
6	4920.00	-56.60	5.50	11.95	vertical	-50.15	-13.00	37.15	225
7	5740.00	-55.87	5.70	13.55	vertical	-48.02	-13.00	35.02	90
8	6560.00	-52.40	6.30	13.75	vertical	-44.95	-13.00	31.95	225
9	7380.00	-49.10	6.80	13.85	vertical	-42.05	-13.00	29.05	90
10	8200.00	39.00	6.90	14.25	vertical	46.35	-13.00	-59.35	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 vertical position.

LTE Band 26 10MHz CH26915

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1673.0	-56.02	2.00	10.75	vertical	-47.27	-13.00	34.27	90
3	2509.5	-59.77	2.51	11.05	vertical	-51.23	-13.00	38.23	225
4	3346.0	-59.41	4.20	11.15	vertical	-52.46	-13.00	39.46	180
5	4182.5	-56.50	5.20	11.15	vertical	-50.55	-13.00	37.55	180
6	5019.0	-56.93	5.50	11.95	vertical	-50.48	-13.00	37.48	135
7	5855.5	-55.47	5.70	13.55	vertical	-47.62	-13.00	34.62	135
8	6692.0	-49.00	6.30	13.75	vertical	-41.55	-13.00	28.55	90
9	7528.5	-50.00	6.80	13.85	vertical	-42.95	-13.00	29.95	45
10	8365.0	36.95	6.90	14.25	vertical	44.30	-13.00	-57.30	270

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 vertical position.

LTE Band 26 10MHz CH26990

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1696.5	-65.68	2.00	10.75	vertical	-56.93	-13.00	43.93	225
3	2532.0	-58.95	2.51	11.05	vertical	-50.41	-13.00	37.41	270
4	3376.0	-60.41	4.20	11.15	vertical	-53.46	-13.00	40.46	135
5	4220.0	-57.80	5.20	11.15	vertical	-51.85	-13.00	38.85	315
6	5064.0	-56.91	5.50	11.95	vertical	-50.46	-13.00	37.46	270
7	5908.0	-56.53	5.70	13.55	vertical	-48.68	-13.00	35.68	270
8	6752.0	-51.40	6.30	13.75	vertical	-43.95	-13.00	30.95	270
9	7596.0	-49.06	6.80	13.85	vertical	-42.01	-13.00	29.01	90
10	8440.0	38.29	6.90	14.25	vertical	45.64	-13.00	-58.64	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 vertical position.

LTE Band 26 15MHz CH26865

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1649.6	-66.43	2.00	10.75	vertical	-57.68	-13.00	44.68	225
3	2494.5	-60.38	2.51	11.05	vertical	-51.84	-13.00	38.84	270
4	3326.0	-58.63	4.20	11.15	vertical	-51.68	-13.00	38.68	225
5	4157.5	-58.00	5.20	11.15	vertical	-52.05	-13.00	39.05	45
6	4989.0	-57.50	5.50	11.95	vertical	-51.05	-13.00	38.05	225
7	5820.5	-56.53	5.70	13.55	vertical	-48.68	-13.00	35.68	90
8	6652.0	-51.60	6.30	13.75	vertical	-44.15	-13.00	31.15	225
9	7483.5	-49.24	6.80	13.85	vertical	-42.19	-13.00	29.19	90
10	8315.0	-52.74	6.90	14.25	vertical	-45.39	-13.00	32.39	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 vertical position.

LTE Band 26 15MHz CH26915

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1659.6	-63.75	2.00	10.75	vertical	-55.00	-13.00	42.00	225
3	2509.5	-61.07	2.51	11.05	vertical	-52.53	-13.00	39.53	225
4	3346.0	-59.80	4.20	11.15	vertical	-52.85	-13.00	39.85	180
5	4182.5	-57.00	5.20	11.15	vertical	-51.05	-13.00	38.05	180
6	5019.0	-57.29	5.50	11.95	vertical	-50.84	-13.00	37.84	135
7	5855.5	-55.26	5.70	13.55	vertical	-47.41	-13.00	34.41	135
8	6692.0	-48.51	6.30	13.75	vertical	-41.06	-13.00	28.06	90
9	7528.5	-49.11	6.80	13.85	vertical	-42.06	-13.00	29.06	45
10	8365.0	-53.56	6.90	14.25	vertical	-46.21	-13.00	33.21	270

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 vertical position.

LTE Band 26 15MHz CH26965

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1669.9	-63.02	2.00	10.75	vertical	-54.27	-13.00	41.27	270
3	2524.5	-61.86	2.51	11.05	vertical	-53.32	-13.00	40.32	270
4	3366.0	-59.80	4.20	11.15	vertical	-52.85	-13.00	39.85	135
5	4207.5	-58.00	5.20	11.15	vertical	-52.05	-13.00	39.05	315
6	5049.0	-56.47	5.50	11.95	vertical	-50.02	-13.00	37.02	270
7	5890.5	-56.11	5.70	13.55	vertical	-48.26	-13.00	35.26	270
8	6732.0	-50.80	6.30	13.75	vertical	-43.35	-13.00	30.35	270
9	7573.5	-49.06	6.80	13.85	vertical	-42.01	-13.00	29.01	90
10	8415.0	-51.89	6.90	14.25	vertical	-44.54	-13.00	31.54	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 vertical position.

6. Main Test Instruments

Name	Type	Manufacturer	Serial Number	Calibration Date	Expiration Time
Base Station Simulator	CMW500	R&S	113645	2015-05-22	2016-05-21
Power Splitter	SHX-GF2-2-13	Hua Xiang	10120101	NA	NA
Spectrum Analyzer	E4445A	Agilent	MY46181146	2015-05-22	2016-05-21
Spectrum Analyzer	N9010A	Agilent	MY47191109	2015-05-22	2016-05-21
Universal Radio Communication Tester	E5515C	Agilent	MY48367192	2015-12-17	2016-12-16
Signal Analyzer	FSV30	R&S	100815	2015-12-17	2016-12-16
Signal generator	SMB 100A	R&S	102594	2015-05-22	2016-05-21
Signal generator	SMR27	R&S	100365	2015-05-22	2016-05-21
EMI Test Receiver	ESCI	R&S	100948	2015-05-22	2016-05-21
Trilog Antenna	VUBL 9163	SCHWARZBECK	9163-201	2014-12-06	2017-12-05
Trilog Antenna	VUBL 9163	SCHWARZBECK	9163-391	2014-12-06	2017-12-05
Horn Antenna	HF907	R&S	100126	2014-12-06	2017-12-05
Horn Antenna	HF907	R&S	100125	2014-12-06	2017-12-05
Climatic Chamber	PT-30B	Re Ce	20101891	2015-07-18	2016-07-17
RF Cable	SMA 15cm	Agilent	0001	2016-03-09	2016-05-08

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