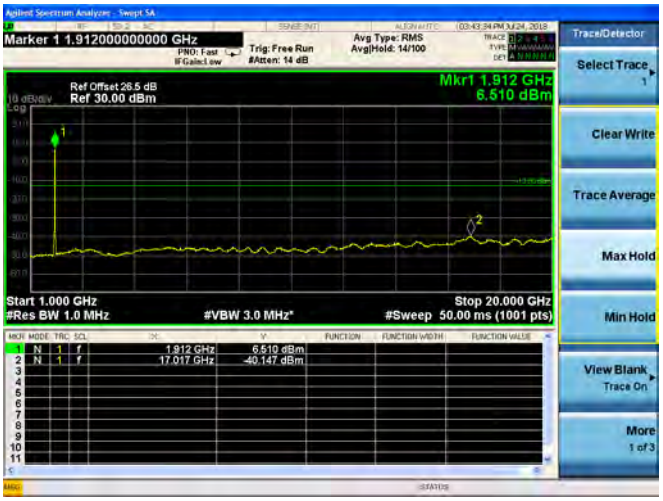
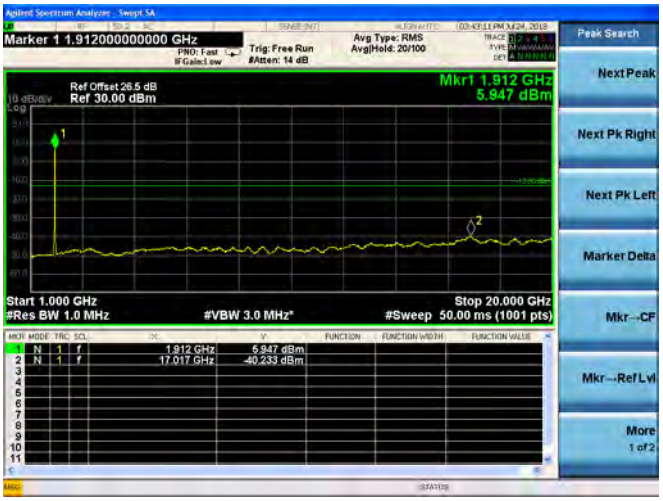
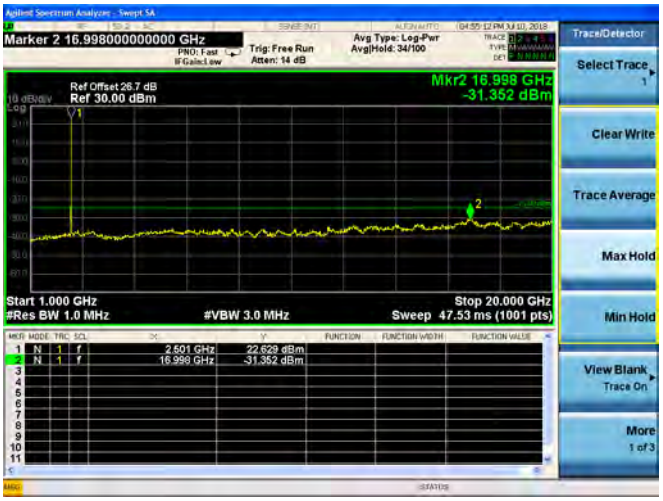
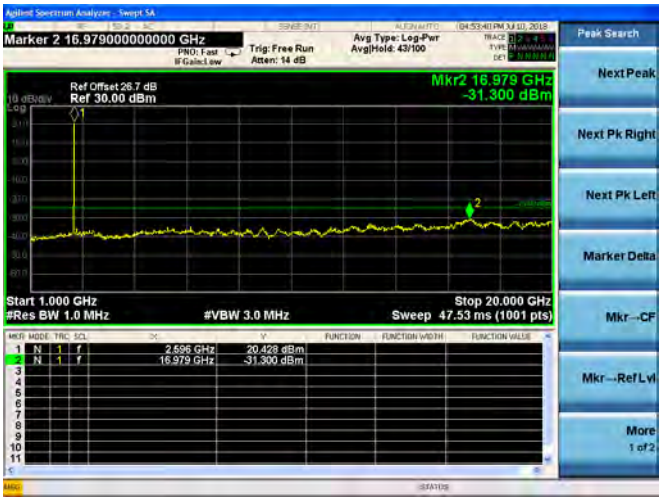
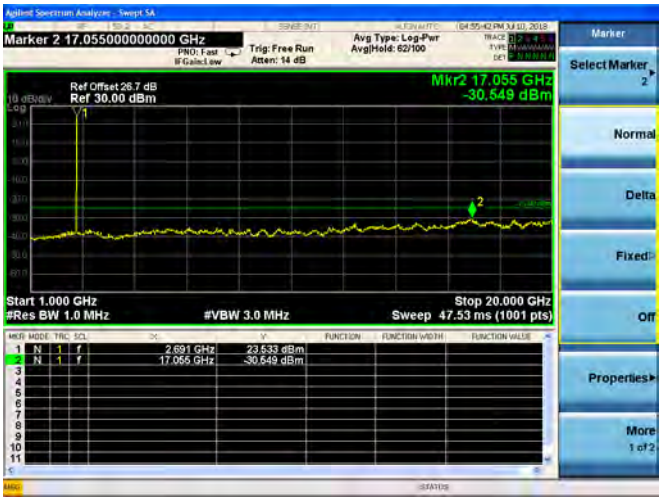
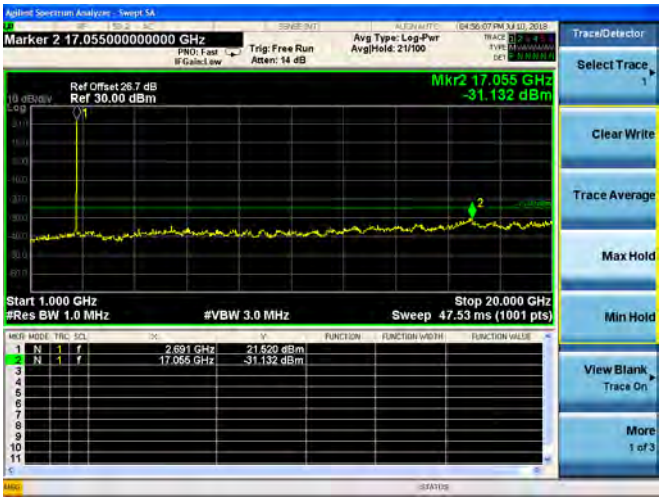
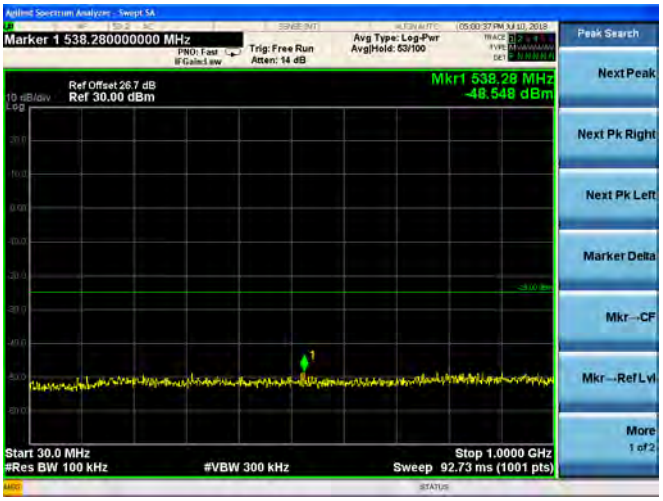
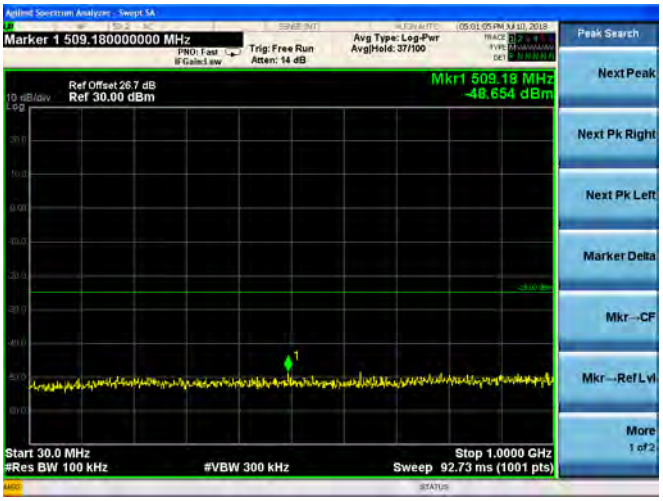
LTE Band 25 20MHz BW High Channel	
QPSK	
	
16QAM	
	

LTE Band 41 5MHz BW Low Channel	
QPSK	
	
16QAM	
	

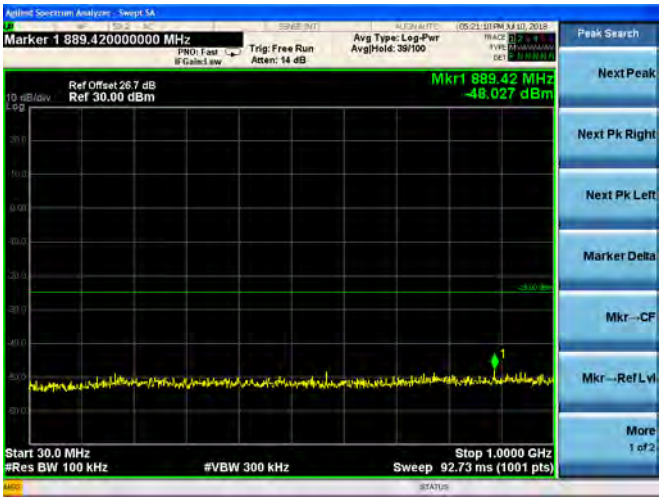
LTE Band 41 5MHz BW Mid Channel	
QPSK	
	
16QAM	
	

LTE Band 41 5MHz BW High Channel	
QPSK	
	
16QAM	
	

LTE Band 41 10MHz BW Low Channel	
QPSK	
	
16QAM	
	

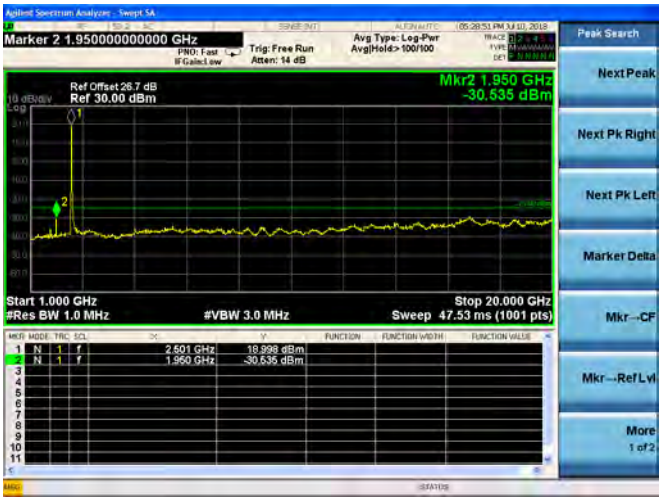
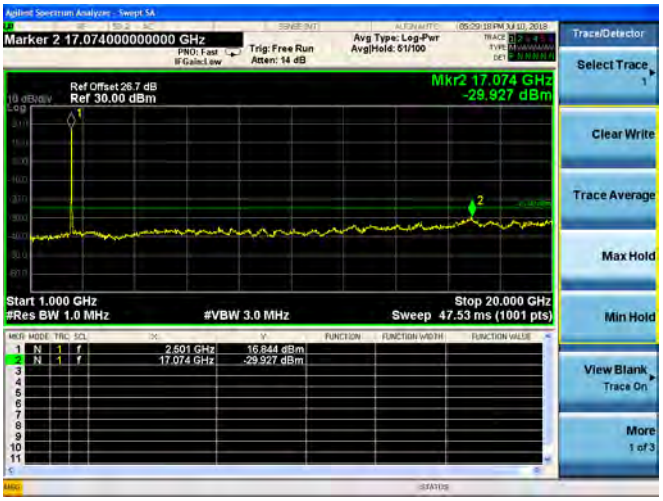
LTE Band 41 10MHz BW Mid Channel	
QPSK	
	
16QAM	
	

LTE Band 41 10MHz BW High Channel	
QPSK	
	
16QAM	
	

LTE Band 41 15MHz BW Low Channel	
QPSK	
	
16QAM	
	

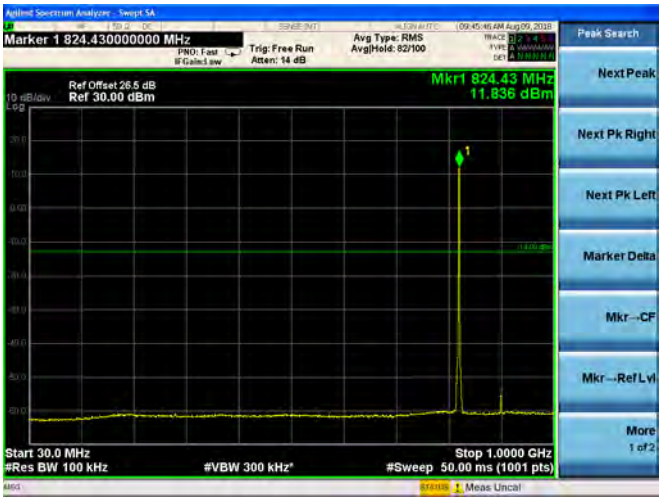
LTE Band 41 15MHz BW Mid Channel	
QPSK	
	
16QAM	
	

LTE Band 41 15MHz BW High Channel	
QPSK	
	
16QAM	
	

LTE Band 41 20MHz BW Low Channel	
QPSK	
	
16QAM	
	

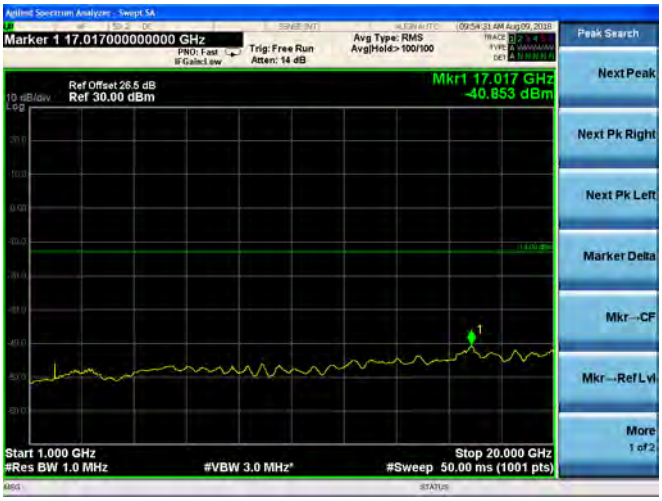
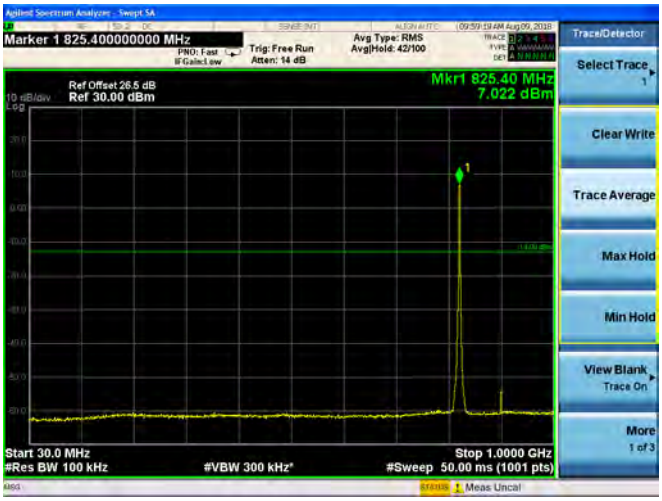
LTE Band 41 20MHz BW Mid Channel	
QPSK	
	
16QAM	
	

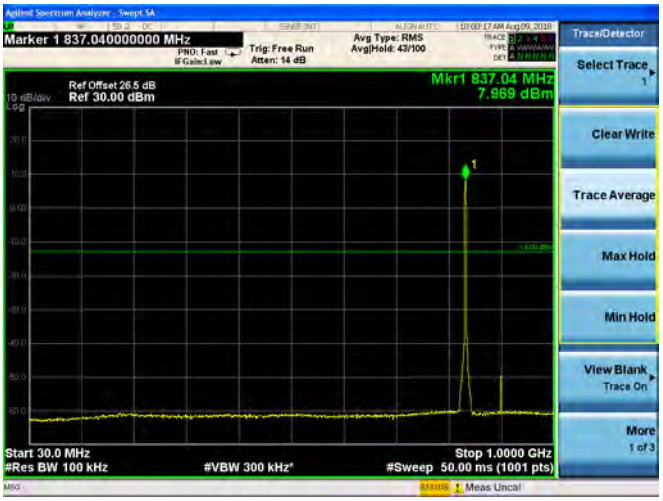
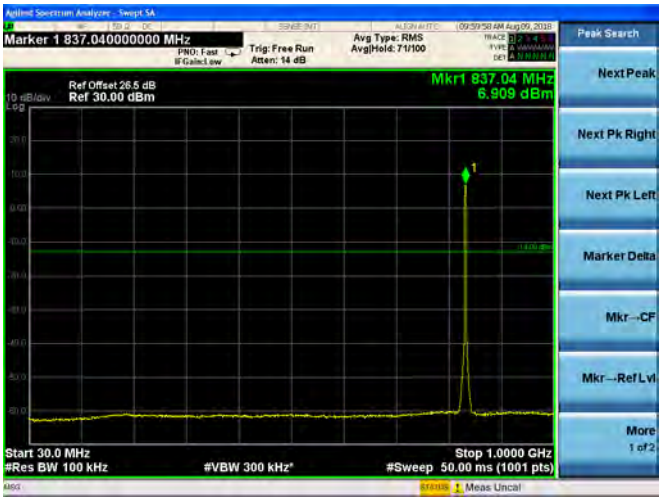
LTE Band 41 20MHz BW High Channel	
QPSK	
	
16QAM	
	

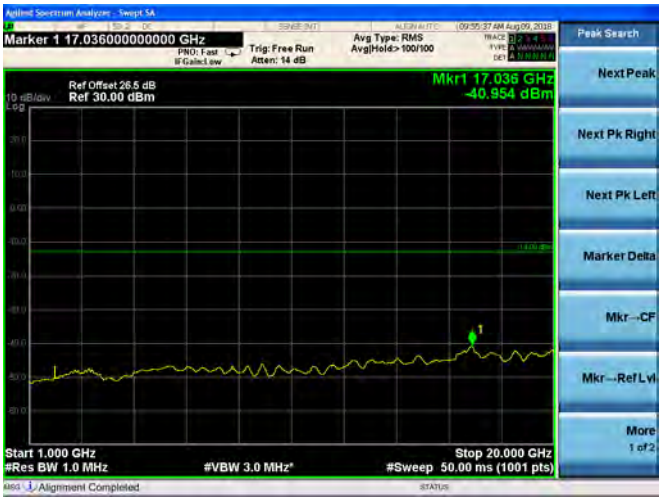
LTE Band 26 1.4MHz BW Low Channel	
QPSK	
	
16QAM	
	

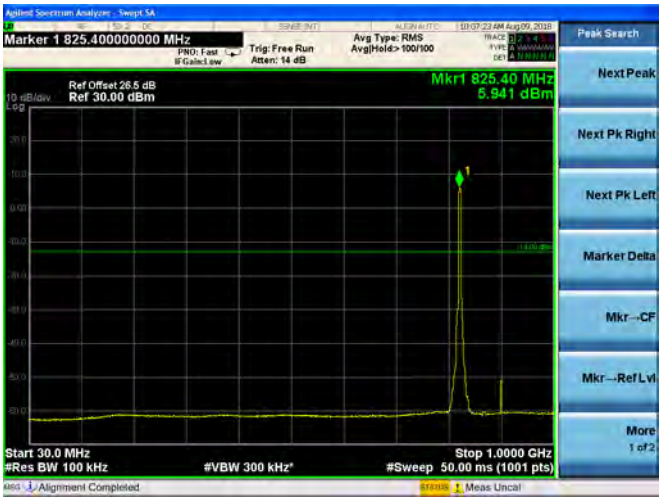
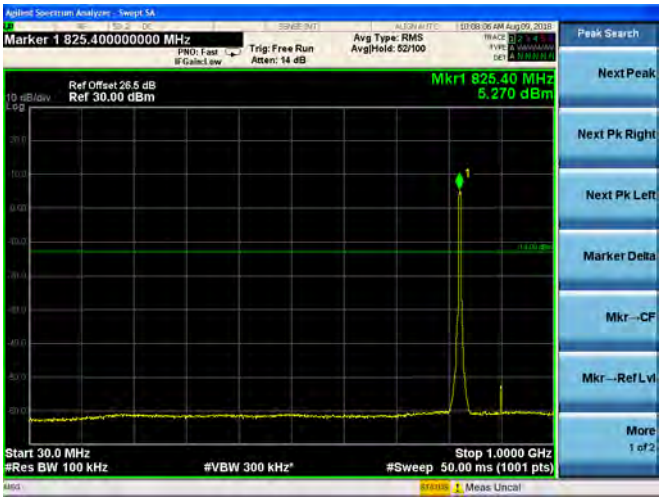
LTE Band 26 1.4MHz BW Mid Channel	
QPSK	
	
16QAM	
	

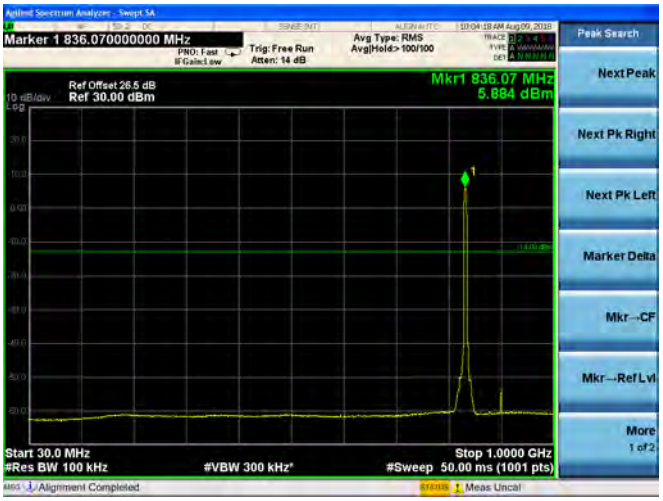
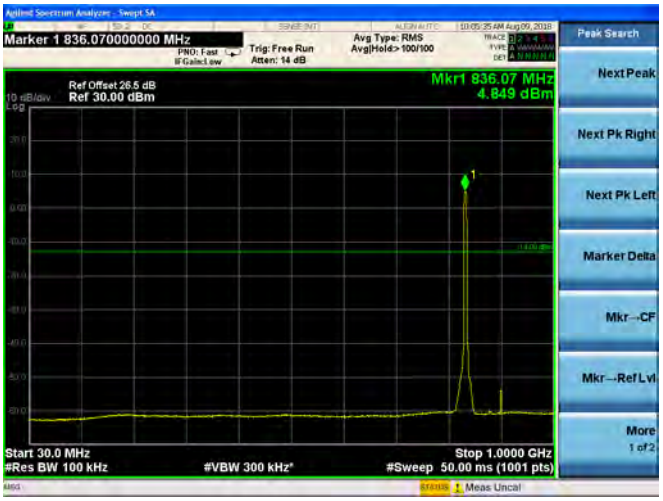
LTE Band 26 1.4MHz BW High Channel	
QPSK	
	
16QAM	
	

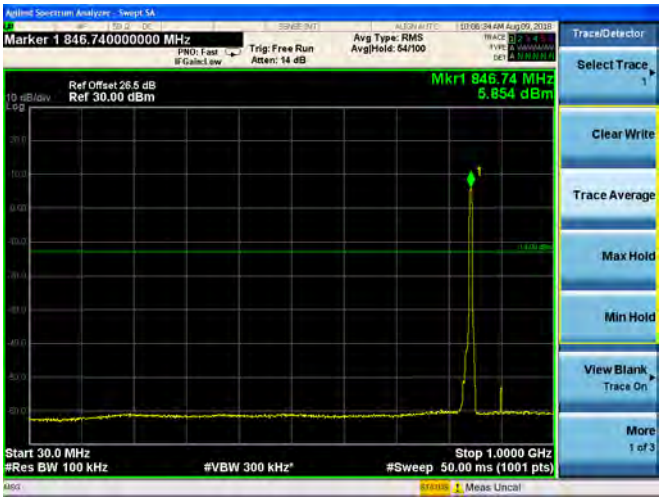
LTE Band 26 3MHz BW Low Channel	
QPSK	
	
16QAM	
	

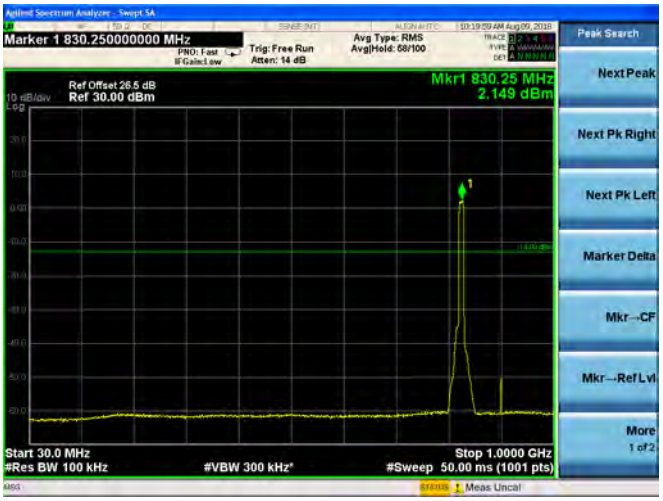
LTE Band 26 3MHz BW Mid Channel	
QPSK	
	
16QAM	
	

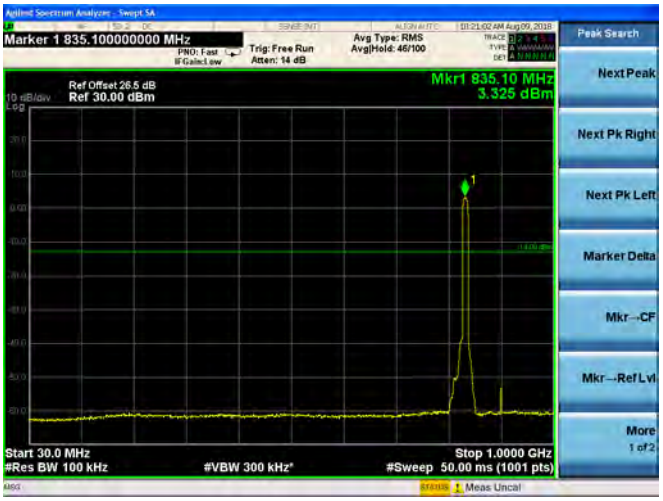
LTE Band 26 3MHz BW High Channel	
QPSK	
	
16QAM	
	

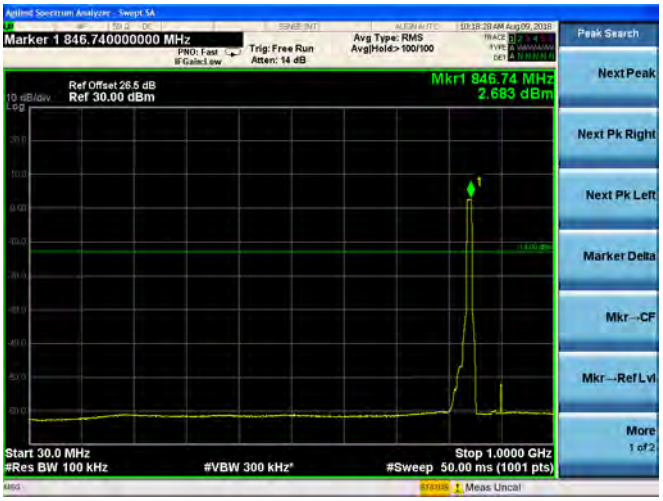
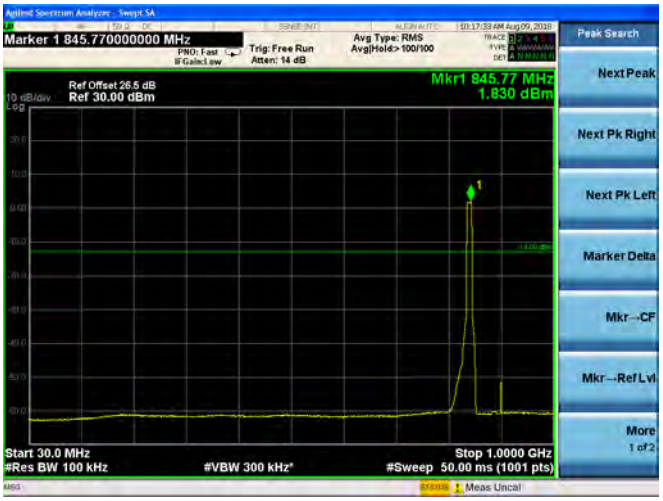
LTE Band 26 5MHz BW Low Channel	
QPSK	
	
16QAM	
	

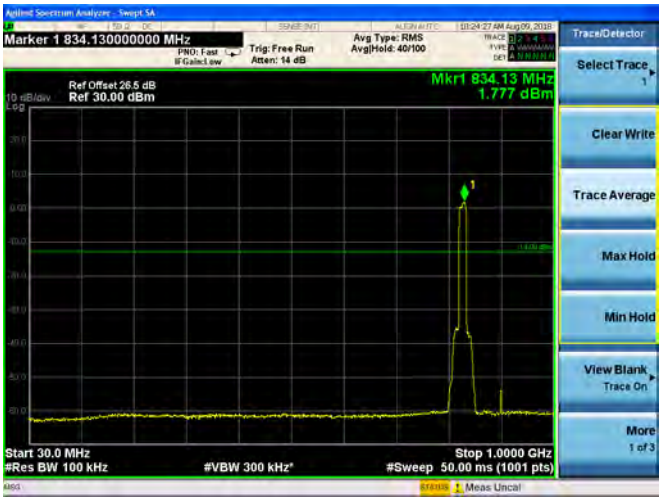
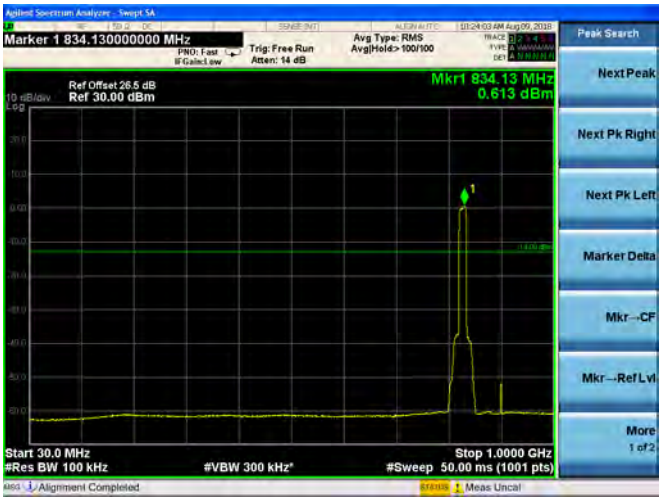
LTE Band 26 5MHz BW Mid Channel	
QPSK	
	
16QAM	
	

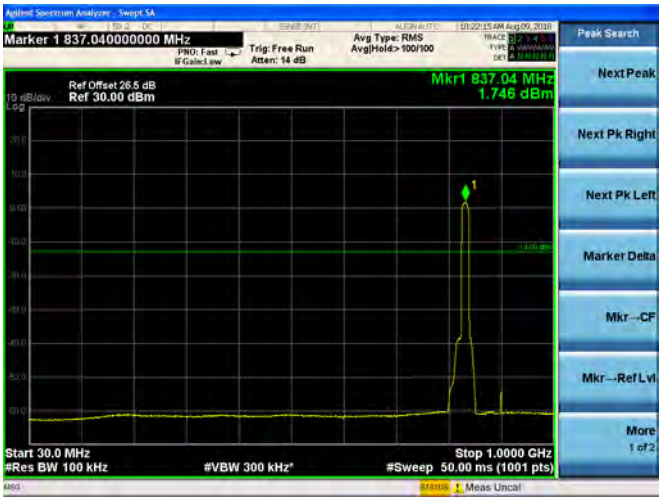
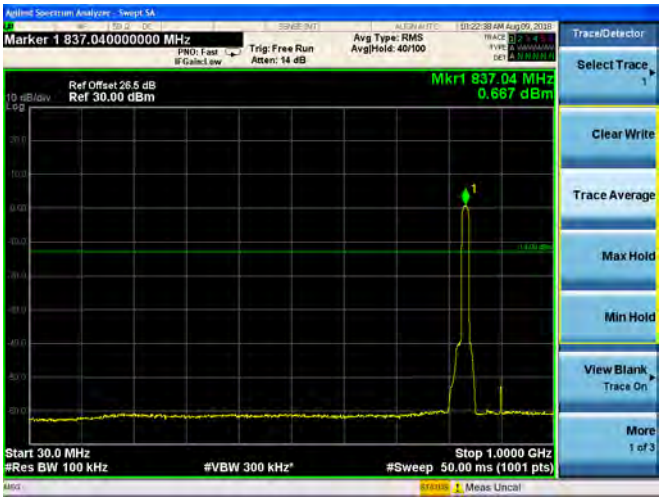
LTE Band 26 5MHz BW High Channel	
QPSK	
	
16QAM	
	

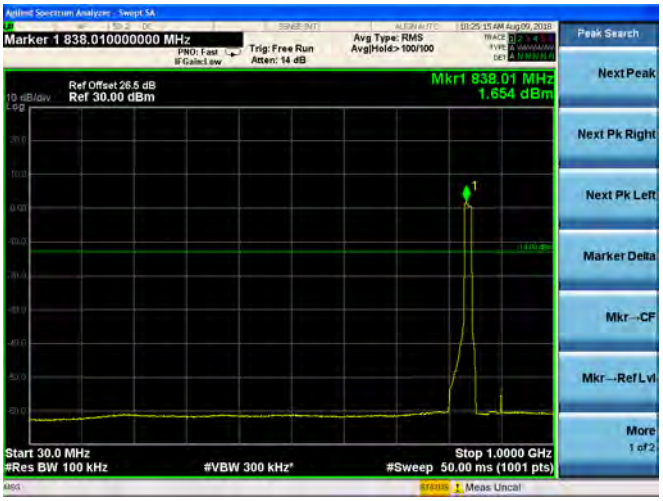
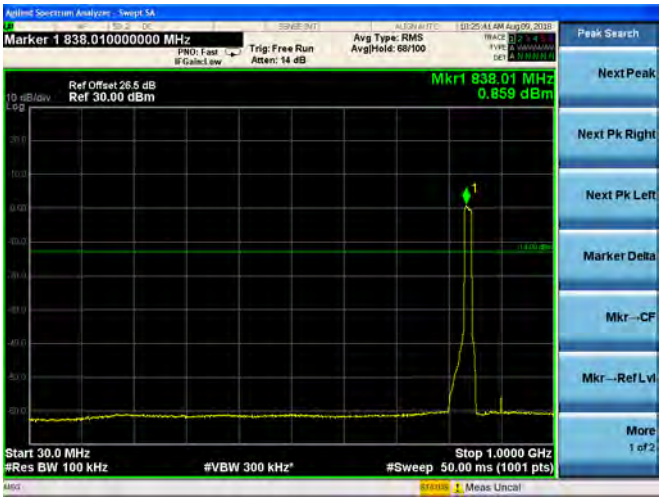
LTE Band 26 10MHz BW Low Channel	
QPSK	
	
16QAM	
	

LTE Band 26 10MHz BW Mid Channel	
QPSK	
	
16QAM	
	

LTE Band 26 10MHz BW High Channel	
QPSK	
	
16QAM	
	

LTE Band 26 15MHz BW Low Channel	
QPSK	
	
16QAM	
	

LTE Band 26 15MHz BW Mid Channel	
QPSK	
	
16QAM	
	

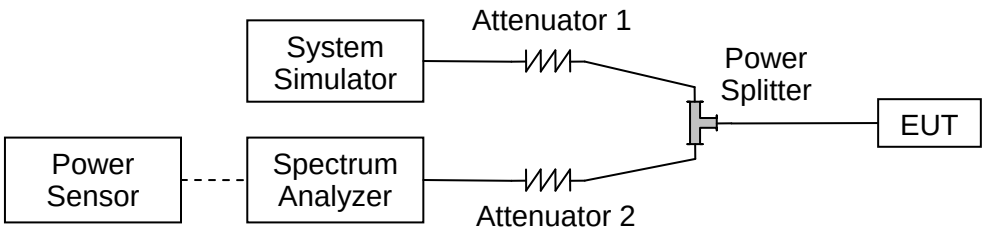
LTE Band 26 15MHz BW High Channel	
QPSK	
	
16QAM	
	

2.6. Band Edge

2.6.1. Requirement

According to FCC section 24.238(a), 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.
According to FCC section 27.53(m) (4), For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

2.6.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

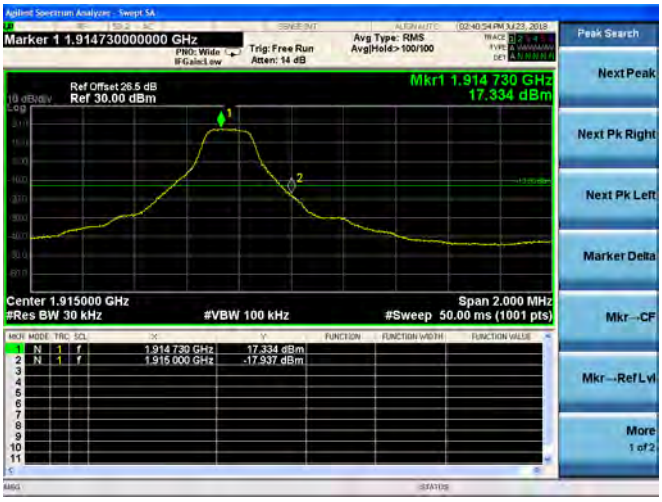
2.6.3. Test procedure

KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.

2.6.4. Test Result

The center frequency of spectrum is the band edge frequency and span is 2MHz, Record the max trace into the test report.

LTE Band 25					
Channel Bandwidth: 1.4MHz					
Channel	26047	1 RB	Channel	26047	FULL RB
					
Channel Bandwidth: 1.4MHz					
Channel	26683	1 RB	Channel	26683	FULL RB
					

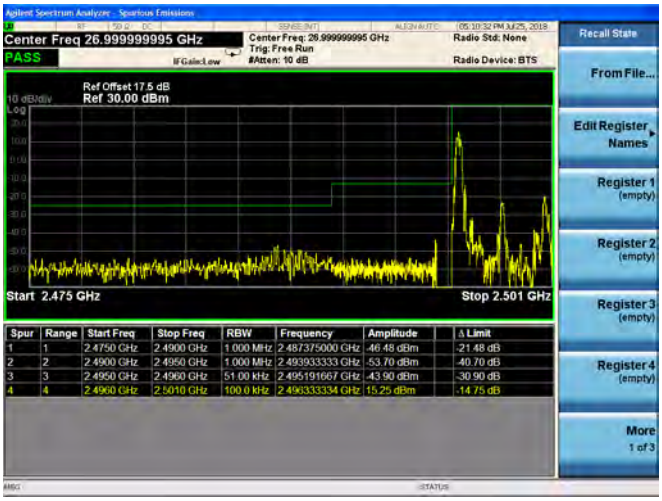
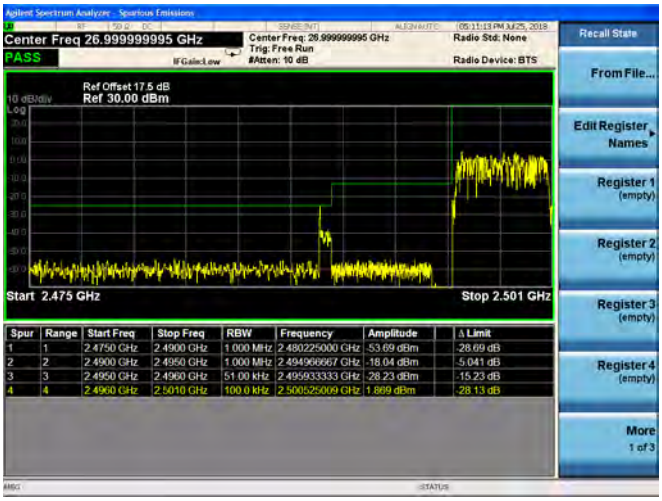
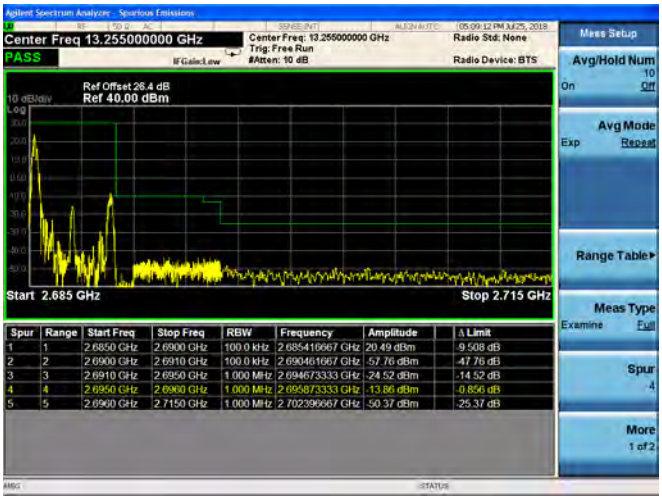
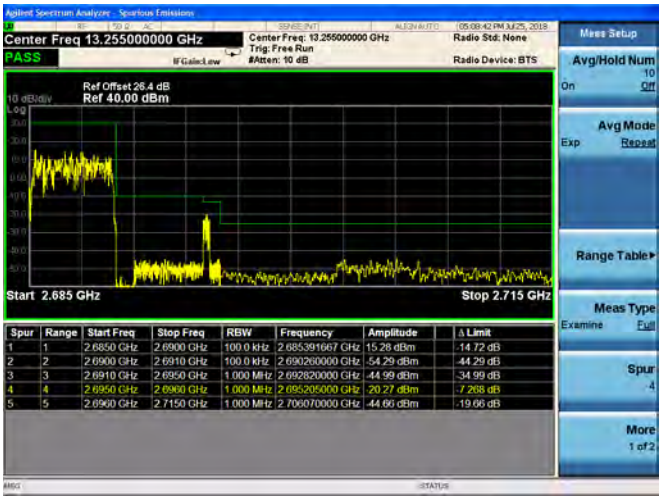
LTE Band 25					
Channel Bandwidth: 3MHz					
Channel	26055	1 RB	Channel	26055	FULL RB
					
Channel Bandwidth: 3MHz					
Channel	26675	1 RB	Channel	26675	FULL RB
					

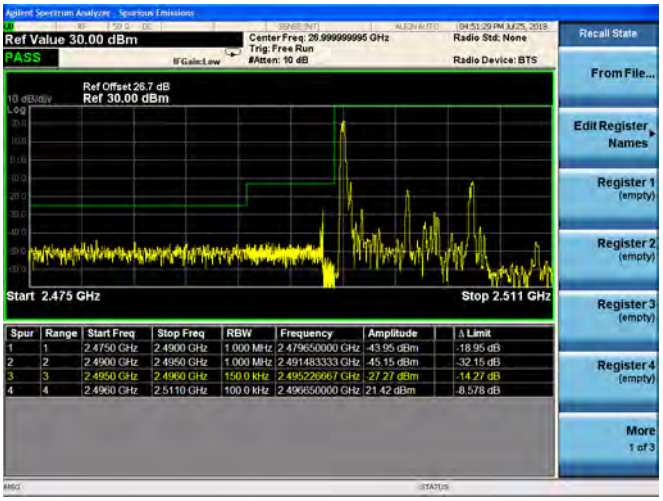
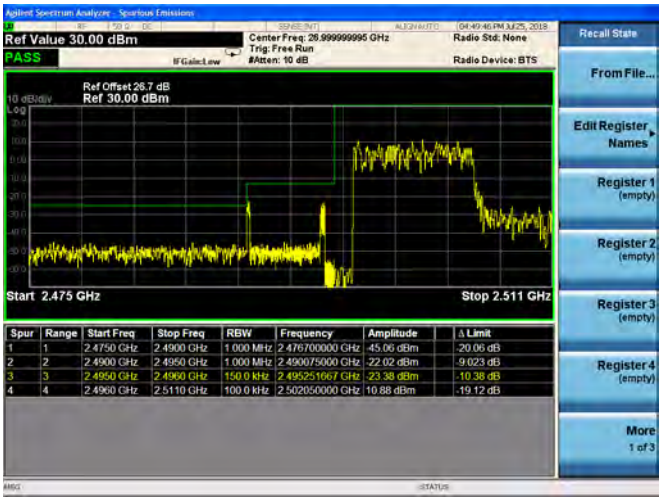
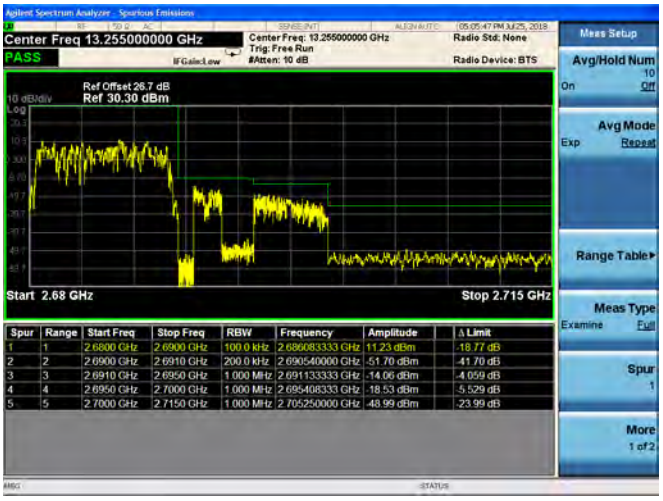
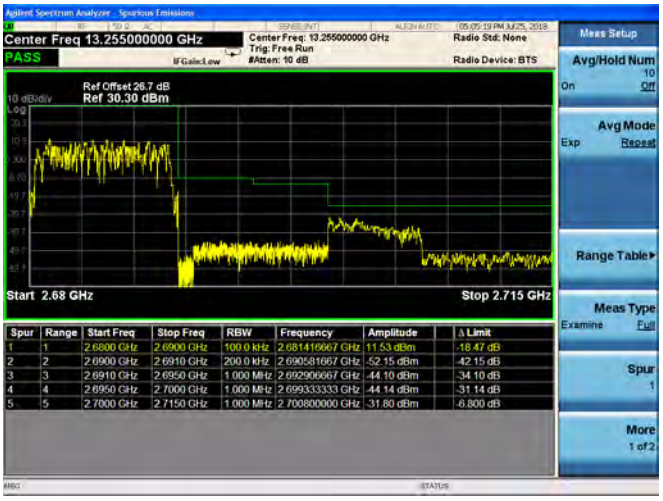
LTE Band 25					
Channel Bandwidth: 5MHz					
Channel	26065	1 RB	Channel	26065	FULL RB
					
Channel Bandwidth: 5MHz					
Channel	26665	1 RB	Channel	26665	FULL RB
					

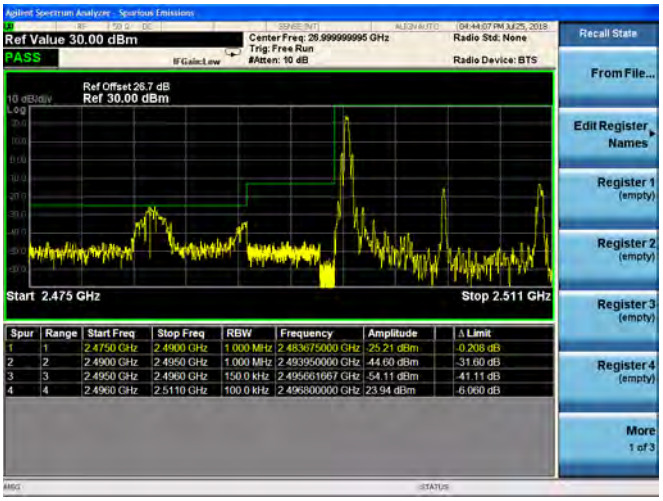
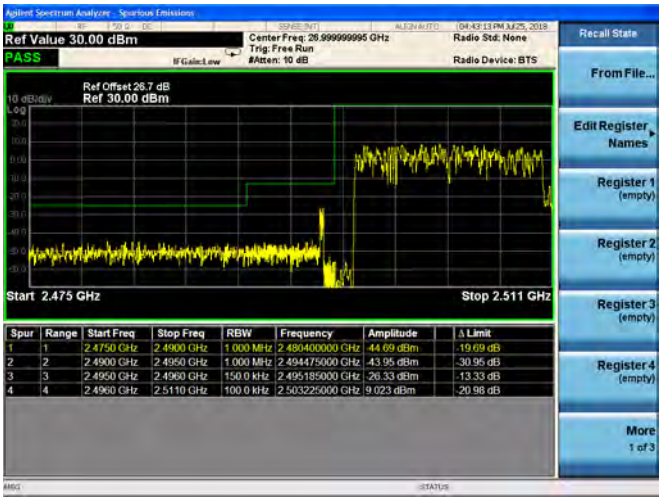
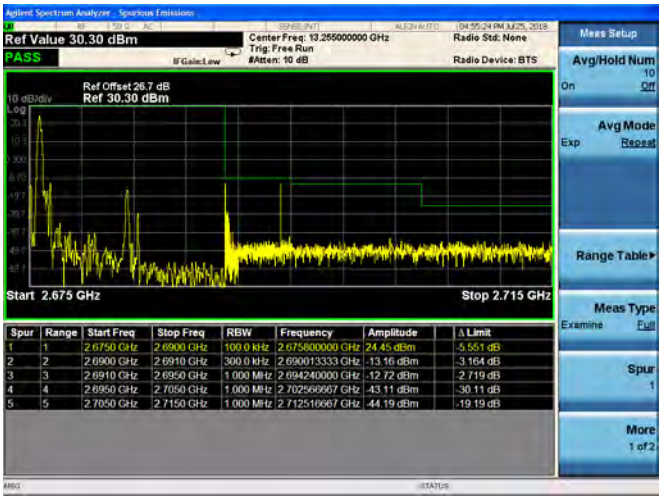
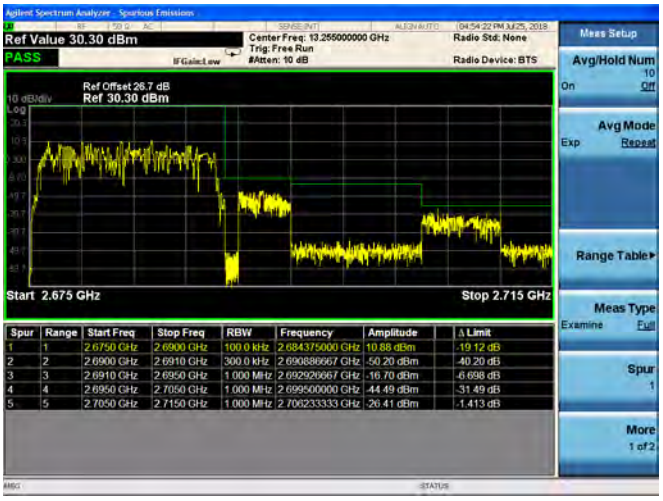
LTE Band 25					
Channel Bandwidth: 10MHz					
Channel	26090	1 RB	Channel	26090	FULL RB
					
Channel Bandwidth: 10MHz					
Channel	26640	1 RB	Channel	26640	FULL RB
					

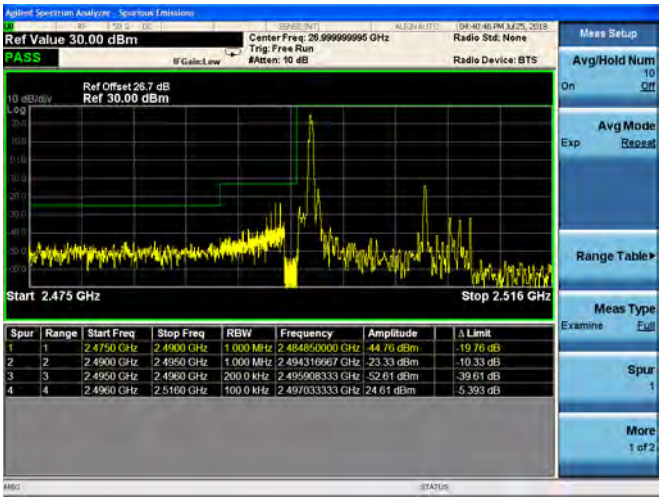
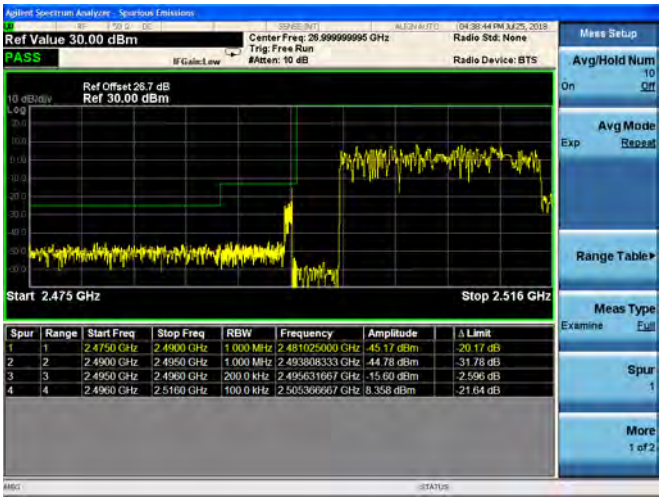
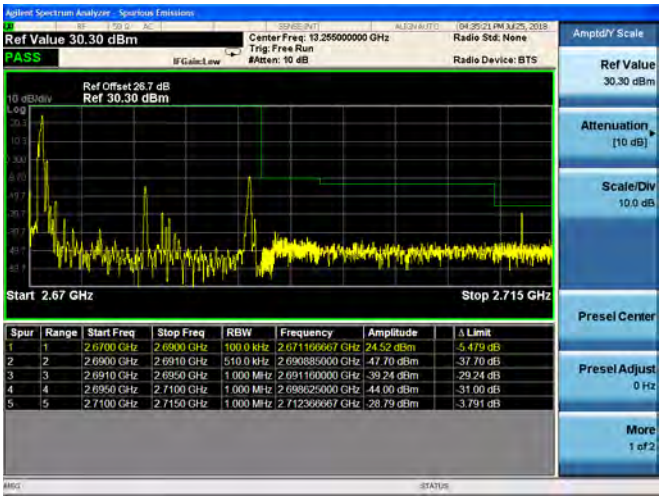
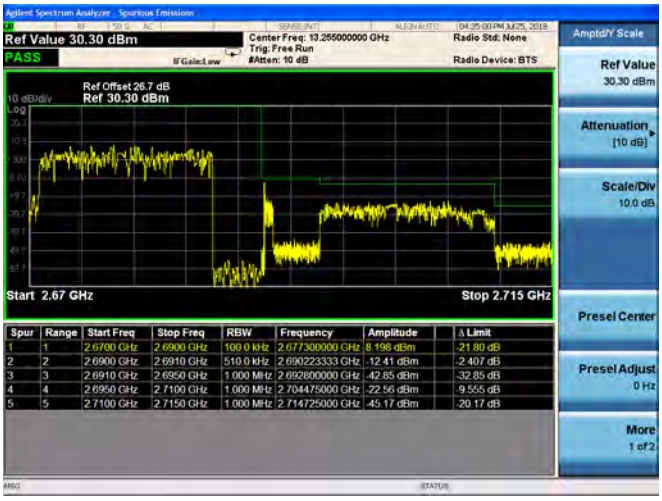
LTE Band 25					
Channel Bandwidth: 15MHz					
Channel	26115	1 RB	Channel	26115	FULL RB
					
Channel Bandwidth: 15MHz					
Channel	26615	1 RB	Channel	26615	FULL RB
					

LTE Band 25					
Channel Bandwidth: 20MHz					
Channel	26140	1 RB	Channel	26140	FULL RB
					
Channel Bandwidth: 20MHz					
Channel	26590	1 RB	Channel	26590	FULL RB
					

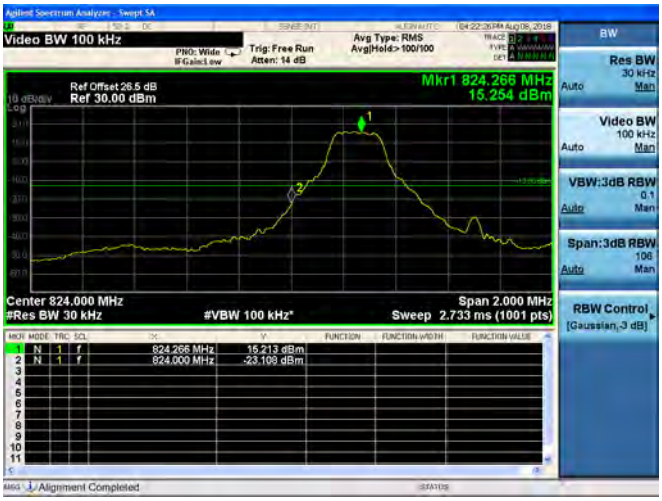
LTE Band 41					
Channel Bandwidth: 5MHz					
Channel	39675	1 RB	Channel	39675	FULL RB
					
Channel Bandwidth: 5MHz					
Channel	41565	1 RB	Channel	41565	FULL RB
					

LTE Band 41					
Channel Bandwidth: 10MHz					
Channel	39700	1 RB	Channel	39700	FULL RB
					
Channel Bandwidth: 10MHz					
Channel	41540	1 RB	Channel	41540	FULL RB
					

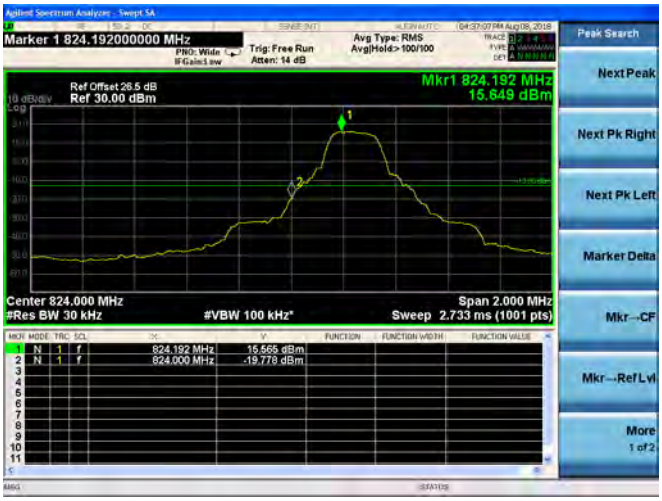
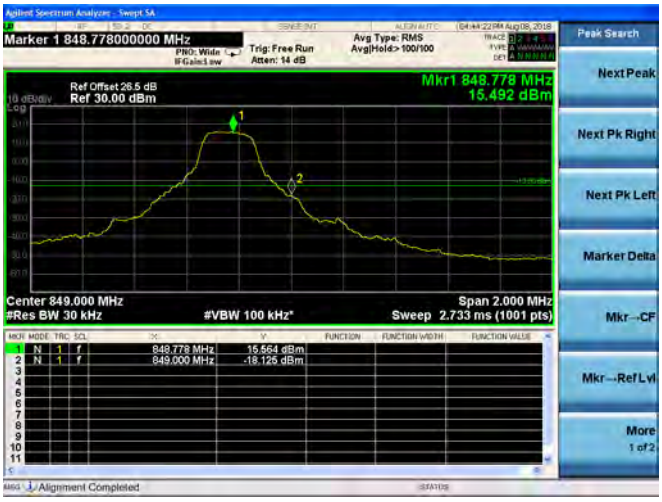
LTE Band 41					
Channel Bandwidth: 15MHz					
Channel	39725	1 RB	Channel	39725	FULL RB
					
Channel Bandwidth: 15MHz					
Channel	41515	1 RB	Channel	41515	FULL RB
					

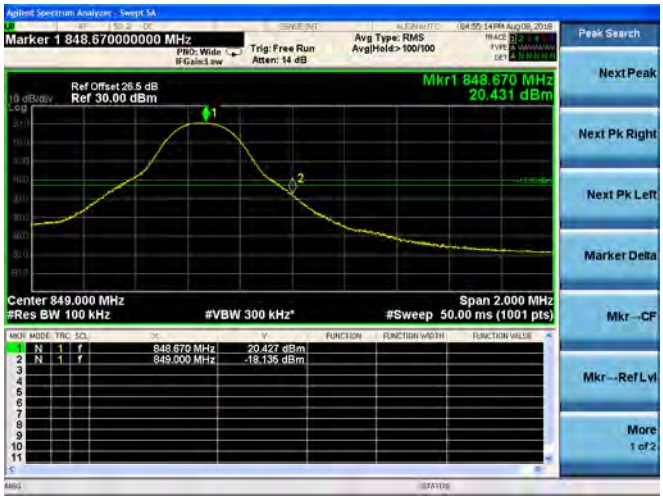
LTE Band 41					
Channel Bandwidth: 20MHz					
Channel	39750	1 RB	Channel	39750	FULL RB
					
Channel Bandwidth: 20MHz					
Channel	41490	1 RB	Channel	41490	FULL RB
					

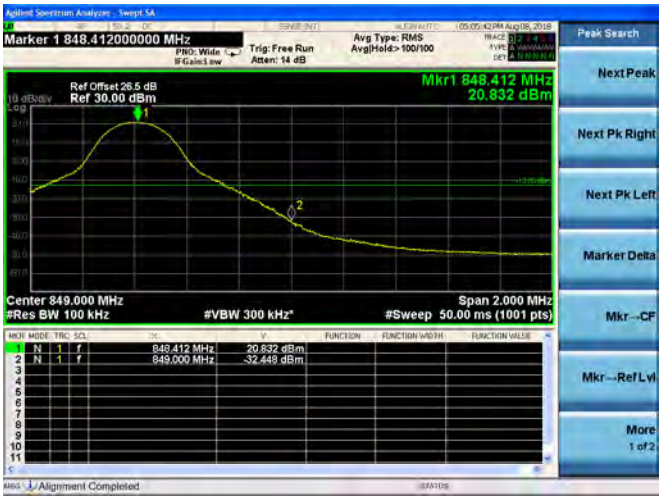
LTE Band 26					
Channel Bandwidth: 1.4MHz					
Channel	26797	1 RB	Channel	27033	FULL RB



Channel Bandwidth: 1.4MHz					
Channel	26797	1 RB	Channel	27033	FULL RB

LTE Band 26					
Channel Bandwidth: 3MHz					
Channel	26805	1 RB	Channel	27025	FULL RB
					
Channel Bandwidth: 3MHz					
Channel	26805	1 RB	Channel	27025	FULL RB
					

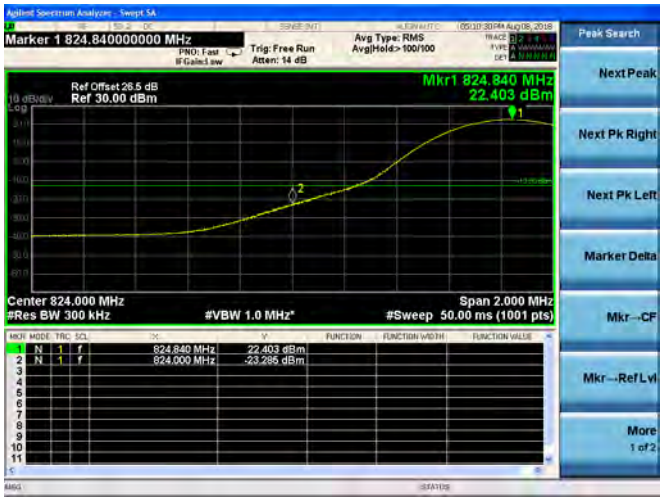
LTE Band 26					
Channel Bandwidth: 5MHz					
Channel	26815	1 RB	Channel	27015	FULL RB
					
Channel Bandwidth: 5MHz					
Channel	26815	1 RB	Channel	27015	FULL RB
					

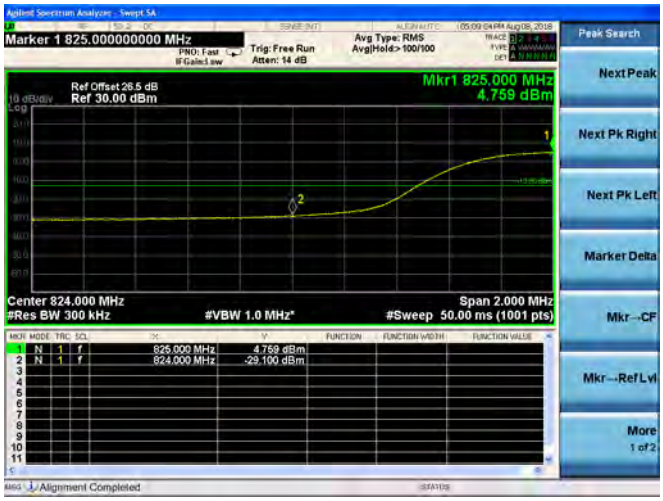
LTE Band 26					
Channel Bandwidth: 10MHz					
Channel	26840	1 RB	Channel	26990	FULL RB
					
Channel Bandwidth: 10MHz					
Channel	26840	1 RB	Channel	26990	FULL RB
					

LTE Band 26

Channel Bandwidth: 15MHz

Channel	26865	1 RB	Channel	26965	FULL RB





Channel Bandwidth: 15MHz

Channel	26865	1 RB	Channel	26965	FULL RB

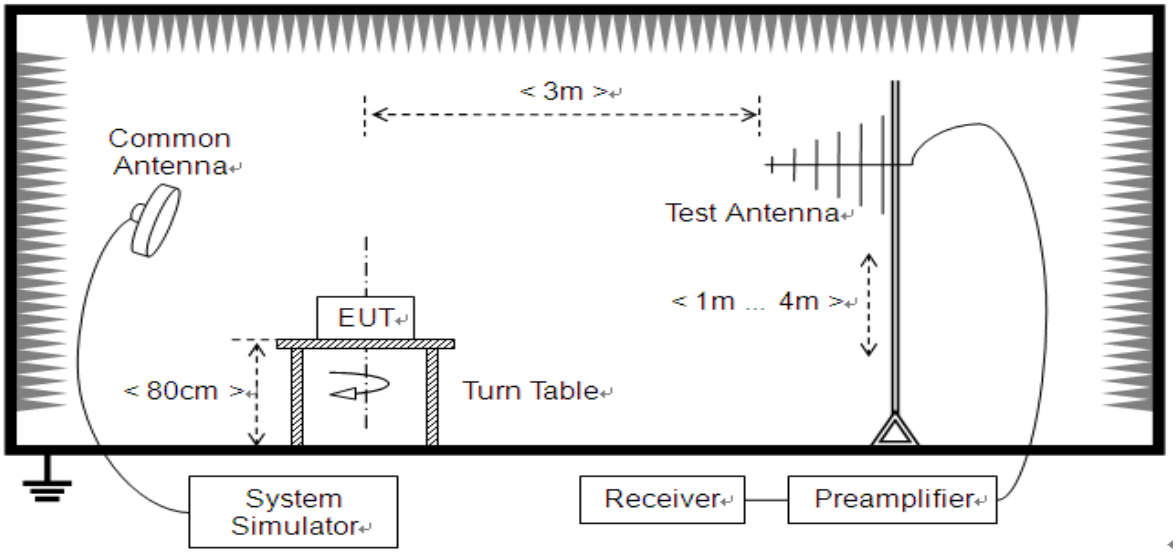
2.7. Transmitter Radiated Power (EIRP/ERP)

2.7.1. Requirement

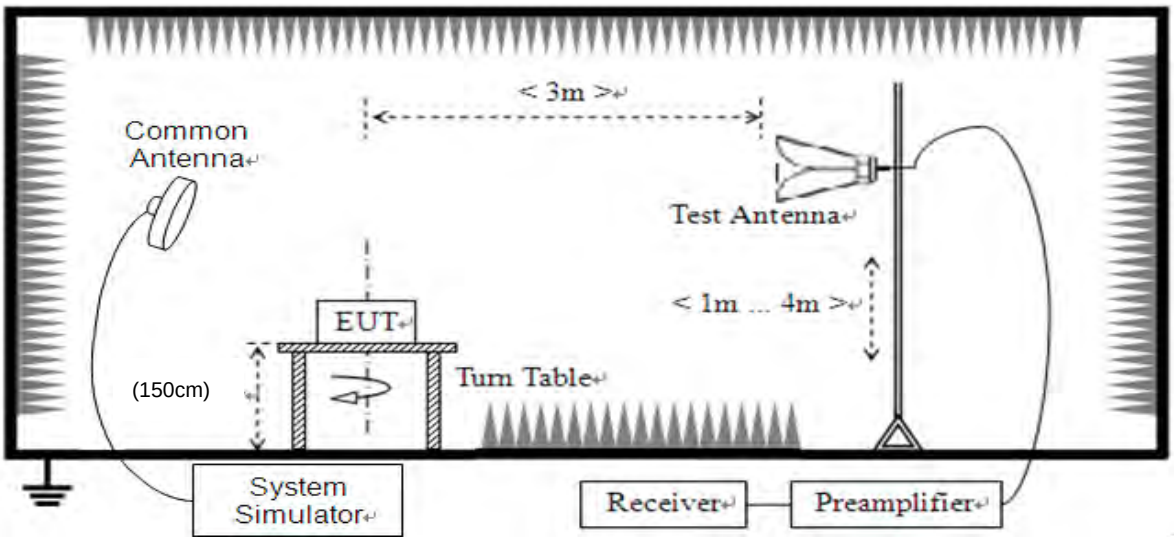
According to FCC section 24.232 (c) for LTE Band 25, Mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.
According to FCC section 27.50 (h) for LTE Band 41, Mobile and other user stations. Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2 watts transmitter output power.

2.7.2. Test Description

Test Setup:
1) Below 1GHz



2) Above 1GHz



The EUT is located in a 3m Full-Anechoic Chamber, the cable loss, air loss and so on of the site as factors are pre-calibrated using the "Substitution" method, and calculated to correct the reading.
A call is established between the EUT and the SS via a Common Antenna. The EUT is commanded by the SS to operate at the maximum and minimum output power, and only the test result of the maximum output power was recorded.
In the frequency range above 30MHz, Bi-Log Test Antenna (30MHz to 1GHz) and Horn Test Antenna (above 1GHz) are used. Test Antenna is 3m away from the EUT. Test Antenna height is varied from 1m to 4m above the ground and the Turn Table is actuated to turn from 0° to 360°to determine the maximum value of the radiated power. The emission levels at both horizontal and vertical polarizations should be tested. The Filters consists of Notch Filters and High Pass Filter.

2.7.3. Test procedure

KDB 971168 D01v03 Section 51&5.2 and ANSI/TIA-603-E-2016.

2.7.4. Test Result

The EUT was verified under all configurations (RB size and offset) and the worst case radiated power reported for each modulation/channel bandwidth.

The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. The lowest, middle and highest channels are tested.

The substitution corrections are obtained as described below:

$A_{SUBST} = P_{SUBST\_TX} - P_{SUBST\_RX} - L_{SUBST\_CABLES} + G_{SUBST\_TX\_ANT}$

$A_{TOT} = L_{CABLES} + A_{SUBST}$

Where A_{SUBST} is the final substitution correction including receive antenna gain.

P_{SUBST_TX} is signal generator level,

P_{SUBST_RX} is receiver level,

L_{SUBST_CABLES} is cable losses including TX cable,

$G_{SUBST\_TX\_ANT}$ is substitution antenna gain.

A_{TOT} is total correction factor including cable loss and substitution correction

During the test, the data of A_{TOT} was added in the Test Spectrum Analyze, so Spectrum Analyze reading is the final values which contain the data of A_{TOT}.

Note: Both horizontal and vertical polarizations of the test antenna are evaluated respectively, only the worst data (horizontal) were recorded in this report.

LTE Band25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26140	26365	26590
Frequency (MHz)				1860	1882.5	1905
20	QPSK	1	0	24.52	24.69	24.46
20	QPSK	1	49	24.59	24.27	24.69
20	QPSK	1	99	24.25	24.63	24.55
20	QPSK	50	0	23.45	23.49	23.44
20	QPSK	50	24	23.45	23.54	23.48
20	QPSK	50	50	23.27	23.46	23.53
20	QPSK	100	0	23.28	23.49	23.58
20	16QAM	1	0	22.44	22.74	23.85
20	16QAM	1	49	22.98	23.52	22.88
20	16QAM	1	99	22.59	22.32	22.99
20	16QAM	50	0	22.54	22.73	22.65
20	16QAM	50	24	22.66	22.50	22.49
20	16QAM	50	50	22.63	22.74	22.66
20	16QAM	100	0	22.60	22.64	22.47
Channel				26115	26365	26615
Frequency (MHz)				1857.5	1882.5	1907.5
15	QPSK	1	0	24.63	24.54	24.32
15	QPSK	1	37	24.59	24.58	24.51
15	QPSK	1	74	24.36	24.76	24.63
15	QPSK	36	0	23.50	23.68	23.46
15	QPSK	36	20	23.40	23.56	23.61
15	QPSK	36	39	23.66	23.67	23.54
15	QPSK	75	0	23.41	23.74	2356
15	16QAM	1	0	22.66	23.64	23.58
15	16QAM	1	37	22.99	23.89	22.98
15	16QAM	1	74	22.74	22.55	22.34
15	16QAM	36	0	22.65	22.69	22.81
15	16QAM	36	20	22.49	22.72	22.89
15	16QAM	36	39	22.56	22.44	22.69
15	16QAM	75	0	22.49	22.56	22.61

Channel				26090	26365	26640
Frequency (MHz)				1855	1882.5	1910
10	QPSK	1	0	24.58	24.47	24.53
10	QPSK	1	25	24.34	24.58	24.41
10	QPSK	1	49	24.26	24.36	24.47
10	QPSK	25	0	23.43	23.46	23.49
10	QPSK	25	12	23.42	23.56	23.59
10	QPSK	25	25	23.32	23.46	23.33
10	QPSK	50	0	23.45	23.48	23.36
10	16QAM	1	0	23.15	22.99	23.19
10	16QAM	1	25	23.66	23.20	23.69
10	16QAM	1	49	22.64	22.32	22.42
10	16QAM	25	0	22.99	22.68	22.76
10	16QAM	25	12	22.62	22.98	22.58
10	16QAM	25	25	22.43	22.53	22.64
10	16QAM	50	0	22.59	22.54	22.67
Channel				26065	26365	26665
Frequency (MHz)				1852.5	1882.5	1912.5
5	QPSK	1	0	24.32	24.27	24.16
5	QPSK	1	12	24.42	24.22	24.51
5	QPSK	1	24	24.63	24.36	24.42
5	QPSK	12	0	23.31	23.47	23.51
5	QPSK	12	7	23.38	23.37	23.13
5	QPSK	12	13	23.31	23.46	23.23
5	QPSK	25	0	23.36	23.43	23.28
5	16QAM	1	0	23.33	23.24	23.99
5	16QAM	1	12	22.85	23.99	22.49
5	16QAM	1	24	22.87	23.49	22.58
5	16QAM	12	0	22.43	22.42	22.25
5	16QAM	12	7	22.43	22.41	22.16
5	16QAM	12	13	22.13	22.36	21.99
5	16QAM	25	0	22.38	22.98	22.64

Channel				26055	26365	26675
Frequency (MHz)				1851.5	1882.5	1913.5
3	QPSK	1	0	24.32	24.53	24.57
3	QPSK	1	8	24.66	24.75	24.36
3	QPSK	1	14	24.35	24.66	24.63
3	QPSK	8	0	24.67	24.53	24.67
3	QPSK	8	4	24.32	24.31	24.63
3	QPSK	8	7	24.55	24.01	24.30
3	QPSK	15	0	24.33	24.33	24.96
3	16QAM	1	0	23.89	23.88	24.17
3	16QAM	1	8	23.55	23.88	23.69
3	16QAM	1	14	23.57	23.75	23.88
3	16QAM	8	0	23.81	23.64	23.61
3	16QAM	8	4	23.74	23.45	23.54
3	16QAM	8	7	23.88	23.74	23.53
3	16QAM	15	0	23.54	23.62	24.77
Channel				26047	26365	26683
Frequency (MHz)				1850.7	1882.5	1914.3
1.4	QPSK	1	0	23.75	23.87	23.49
1.4	QPSK	1	3	26.77	24.63	24.66
1.4	QPSK	1	5	24.85	24.77	24.77
1.4	QPSK	3	0	24.37	24.66	24.85
1.4	QPSK	3	1	24.65	22.73	22.44
1.4	QPSK	3	3	24.55	24.57	24.51
1.4	QPSK	6	0	23.64	23.67	23.87
1.4	16QAM	1	0	23.69	23.67	23.54
1.4	16QAM	1	3	23.85	23.77	23.47
1.4	16QAM	1	5	23.74	23.77	23.96
1.4	16QAM	3	0	23.68	23.85	23.75
1.4	16QAM	3	1	23.75	23.65	23.66
1.4	16QAM	3	3	23.47	23.75	23.75
1.4	16QAM	6	0	22.96	22.85	22.74

LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506.0	2593.0	2680.0
20	QPSK	1	0	26.88	26.91	26.84
20	QPSK	1	49	26.95	26.84	26.75
20	QPSK	1	99	26.34	26.57	26.34
20	QPSK	50	0	26.33	26.85	26.44
20	QPSK	50	24	26.88	25.98	25.89
20	QPSK	50	50	26.54	26.74	25.66
20	QPSK	100	0	25.87	25.69	25.98
20	16QAM	1	0	25.99	25.87	25.66
20	16QAM	1	49	25.76	25.68	25.69
20	16QAM	1	99	25.98	25.12	25.33
20	16QAM	50	0	25.14	25.17	25.13
20	16QAM	50	24	24.68	24.88	24.98
20	16QAM	50	50	24.84	24.68	24.69
20	16QAM	100	0	24.77	24.67	24.82
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593.0	2682.5
15	QPSK	1	0	26.77	26.88	26.74
15	QPSK	1	37	26.34	26.98	26.77
15	QPSK	1	74	26.32	26.35	26.29
15	QPSK	36	0	25.14	25.17	25.29
15	QPSK	36	20	25.58	25.27	25.23
15	QPSK	36	39	25.29	25.32	25.46
15	QPSK	75	0	25.46	25.54	25.19
15	16QAM	1	0	25.69	25.39	25.59
15	16QAM	1	37	25.15	25.89	25.98
15	16QAM	1	74	25.48	25.44	24.99
15	16QAM	36	0	24.97	24.79	24.81
15	16QAM	36	20	24.82	24.83	24.85
15	16QAM	36	39	25.21	25.65	25.89
15	16QAM	75	0	23.53	23.52	23.40

Channel				39700	40620	41540
Frequency (MHz)				2501.0	2593.0	2685.0
10	QPSK	1	0	26.32	25.68	26.99
10	QPSK	1	25	28.55	26.89	26.25
10	QPSK	1	49	26.22	25.68	26.97
10	QPSK	25	0	25.56	25.67	25.69
10	QPSK	25	12	25.64	25.78	25.68
10	QPSK	25	25	25.79	25.19	24.97
10	QPSK	50	0	25.99	25.89	25.24
10	16QAM	1	0	24.56	24.99	24.34
10	16QAM	1	25	25.79	25.64	25.91
10	16QAM	1	49	24.64	24.99	24.74
10	16QAM	25	0	24.40	24.55	24.19
10	16QAM	25	12	24.71	24.81	24.52
10	16QAM	25	25	24.63	24.76	24.25
10	16QAM	50	0	24.56	24.89	24.29
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2678.5
5	QPSK	1	0	26.32	25.65	25.89
5	QPSK	1	12	26.41	26.36	26.22
5	QPSK	1	24	26.65	26.22	24.89
5	QPSK	12	0	25.46	25.67	25.79
5	QPSK	12	7	25.84	25.65	25.88
5	QPSK	12	13	25.86	25.61	25.69
5	QPSK	25	0	25.65	25.78	25.69
5	16QAM	1	0	25.18	25.11	25.85
5	16QAM	1	12	24.99	25.68	24.99
5	16QAM	1	24	24.88	25.15	24.79
5	16QAM	12	0	24.36	24.26	24.60
5	16QAM	12	7	24.42	24.86	24.28
5	16QAM	12	13	24.15	24.20	23.99
5	16QAM	25	0	24.45	24.23	24.46

LTE Band26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26865	26915	26965
Frequency (MHz)				831.5	836.5	841.5
15	QPSK	1	0	24.65	24.88	24.99
15	QPSK	1	37	24.85	24.88	24.69
15	QPSK	1	74	24.68	23.98	24.88
15	QPSK	36	0	24.69	24.85	24.84
15	QPSK	36	20	25.96	25.81	25.82
15	QPSK	36	39	24.63	24.88	24.63
15	QPSK	75	0	24.89	24.83	24.67
15	16QAM	1	0	24.69	24.32	23.64
15	16QAM	1	37	24.52	24.27	24.81
15	16QAM	1	74	24.37	24.96	24.96
15	16QAM	36	0	24.85	24.96	24.77
15	16QAM	36	20	24.81	24.71	24.52
15	16QAM	36	39	23.92	23.74	23.15
15	16QAM	75	0	23.85	23.57	23.84
Channel				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	24.75	24.85	24.69
10	QPSK	1	25	24.39	24.87	24.72
10	QPSK	1	49	24.67	24.39	24.81
10	QPSK	25	0	24.64	24.87	24.79
10	QPSK	25	12	24.69	24.27	24.64
10	QPSK	25	25	24.18	24.72	24.63
10	QPSK	50	0	24.67	24.58	24.56
10	16QAM	1	0	24.86	24.63	24.55
10	16QAM	1	25	24.67	24.87	24.63
10	16QAM	1	49	24.52	22.87	23.45
10	16QAM	25	0	22.47	22.25	22.18
10	16QAM	25	12	22.42	22.39	22.22
10	16QAM	25	25	22.26	22.25	22.23
10	16QAM	50	0	22.39	22.22	22.13

Channel				26815	26915	27015
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	24.29	24.24	24.03
5	QPSK	1	12	24.39	24.45	24.15
5	QPSK	1	24	24.14	24.27	24.00
5	QPSK	12	0	23.35	23.27	23.26
5	QPSK	12	7	23.30	23.43	23.15
5	QPSK	12	13	23.14	23.25	23.18
5	QPSK	25	0	23.25	23.33	23.14
5	16QAM	1	0	23.18	23.05	23.18
5	16QAM	1	12	23.25	23.09	22.90
5	16QAM	1	24	23.81	22.98	22.34
5	16QAM	12	0	22.31	22.25	22.01
5	16QAM	12	7	22.28	22.14	22.18
5	16QAM	12	13	22.14	22.09	22.13
5	16QAM	25	0	22.18	22.47	22.03
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	24.26	24.12	24.35
3	QPSK	1	8	24.37	24.31	24.21
3	QPSK	1	14	24.12	24.24	24.08
3	QPSK	8	0	23.27	23.32	23.32
3	QPSK	8	4	23.34	24.47	24.32
3	QPSK	8	7	23.27	24.28	24.17
3	QPSK	15	0	24.42	24.21	23.42
3	16QAM	1	0	24.31	22.12	22.87
3	16QAM	1	8	23.65	22.54	22.62
3	16QAM	1	14	22.12	22.77	22.65
3	16QAM	8	0	21.49	22.25	22.21
3	16QAM	8	4	20.58	22.36	22.43
3	16QAM	8	7	21.39	22.38	22.31
3	16QAM	15	0	21.27	22.43	22.28

Channel				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	21.87	22.87	22.24
1.4	QPSK	1	3	22.97	22.93	22.25
1.4	QPSK	1	5	21.87	22.89	22.26
1.4	QPSK	3	0	22.21	22.65	22.87
1.4	QPSK	3	1	22.23	22.43	22.78
1.4	QPSK	3	3	22.18	22.34	22.67
1.4	QPSK	6	0	21.97	21.87	21.85
1.4	16QAM	1	0	21.76	21.78	21.95
1.4	16QAM	1	3	21.37	21.94	21.93
1.4	16QAM	1	5	21.95	21.67	21.91
1.4	16QAM	3	0	21.97	21.32	21.23
1.4	16QAM	3	1	21.87	21.48	21.43
1.4	16QAM	3	3	21.65	21.53	21.65
1.4	16QAM	6	0	21.45	21.76	21.78

2.8. Radiated Spurious Emissions

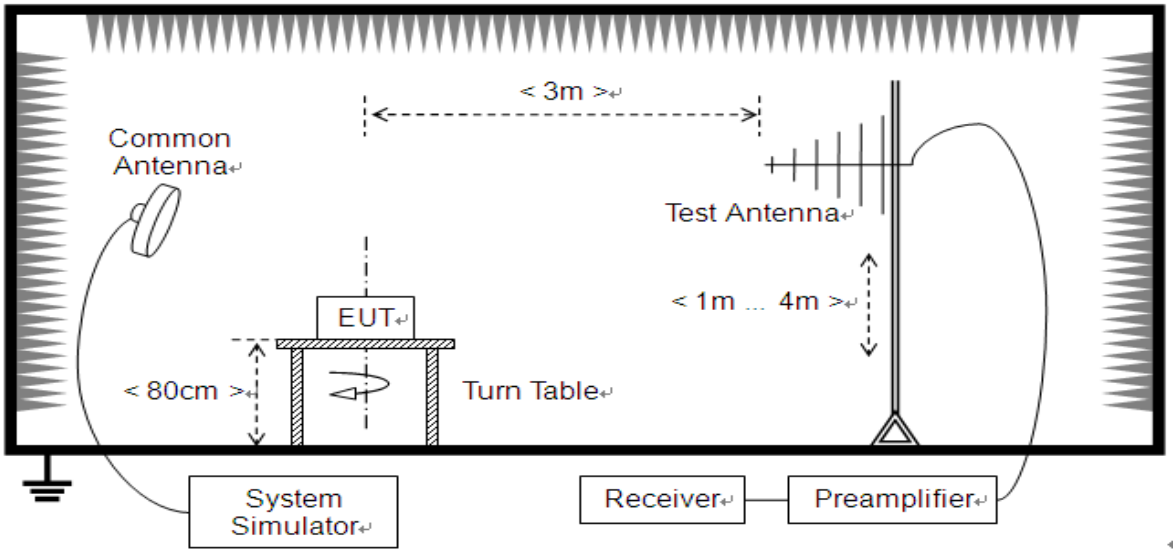
2.8.1. Requirement

According to FCC section 2.1051, 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. This calculated to be -13dBm.

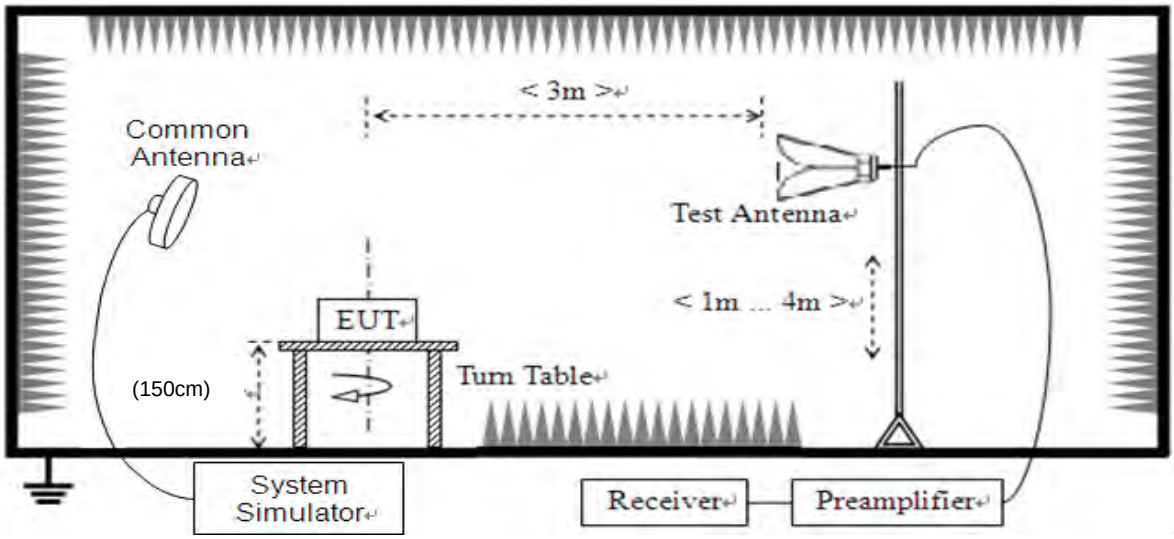
Additional requirement for LTE Band 7:
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 55 + 10 log(P) dB. This calculated to be -25dBm.

2.8.2. Test Description

Test Setup:
1) Below 1GHz



2) Above 1GHz



The EUT is located in a 3m Full-Anechoic Chamber, the cable loss, air loss and so on of the site as factors are pre-calibrated using the "Substitution" method, and calculated to correct the reading.
A call is established between the EUT and the SS via a Common Antenna. The EUT is commanded by the SS to operate at the maximum and minimum output power, and only the test result of the maximum output power was recorded.
In the frequency range above 30MHz, Bi-Log Test Antenna (30MHz to 1GHz) and Horn Test Antenna (above 1GHz) are used. Test Antenna is 3m away from the EUT. Test Antenna height is varied from 1m to 4m above the ground and the Turn Table is actuated to turn from 0° to 360°to determine the maximum value of the radiated power. The emission levels at both horizontal and vertical polarizations should be tested. The Filters consists of Notch Filters and High Pass Filter.

Note: when doing measurements above 1GHz, the EUT has been within the 3dB cone width of the horn antenna during horizontal antenna.

2.8.3. Test procedure

KDB 971168 D01v03 Section 5.8 and ANSI/TIA-603-E-2016.

2.8.4. Test Result

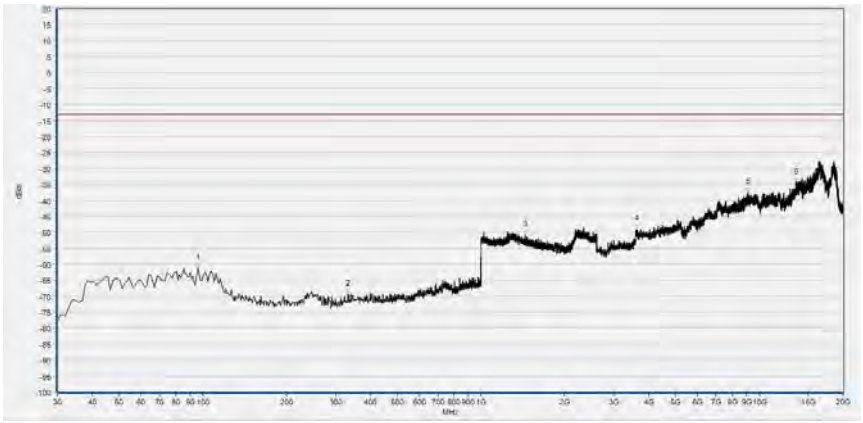
The measurement frequency range is from 30MHz to the 10th harmonic of the fundamental frequency. Test Antenna height is varied from 1m to 4m above the ground, and the Turn Table is actuated to turn from 0° to 360°, both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

Note1: The power of the EUT transmitting frequency should be ignored.

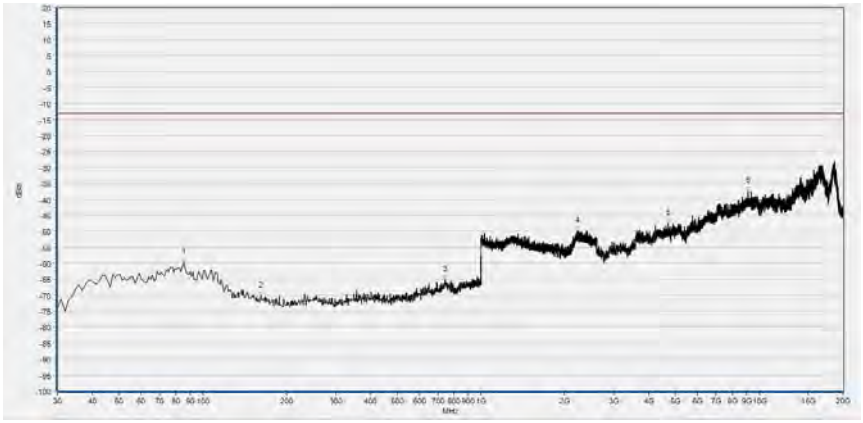
Note2: All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

Note3: All bandwidth and test channel were considered and evaluated respectively by performing full test for each band, only the worst cases were recorded in this test report.

LTE Band 25 20MHz BW, Low Channel, QPSK

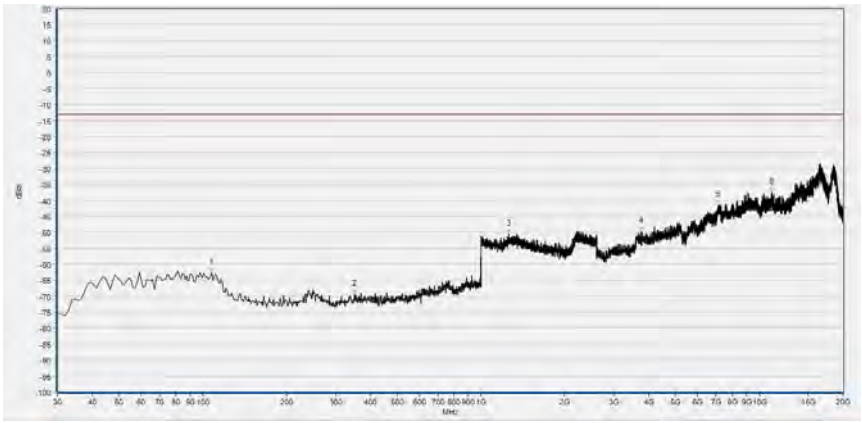


No.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	95.960	-61.25	-13.00	Horizontal	PASS
2	331.670	-69.34	-13.00	Horizontal	PASS
3	1439.216	-50.80	-13.00	Horizontal	PASS
4	3631.533	-49.12	-13.00	Horizontal	PASS
5	9089.798	-37.45	-13.00	Horizontal	PASS
6	13576.650	-34.62	-13.00	Horizontal	PASS

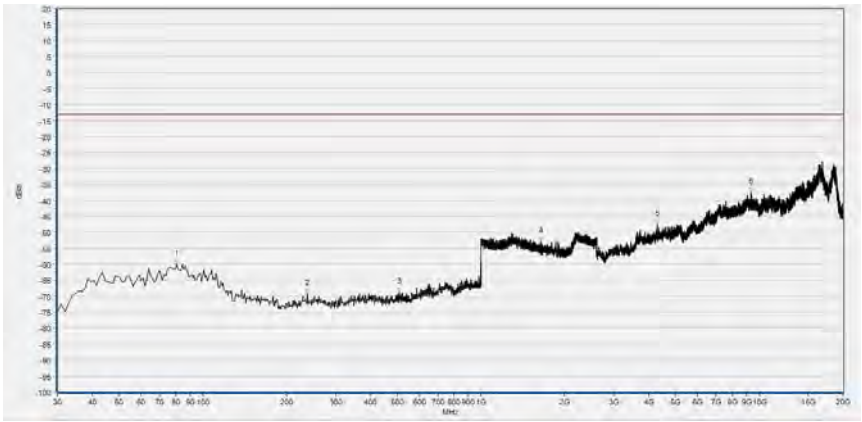


No.	Freq(MHz)	Peak	limit PK	Antenna	Verdict
1	85.290	-59.80	-13.00	Vertical	PASS
2	161.920	-70.23	-13.00	Vertical	PASS
3	744.890	-65.03	-13.00	Vertical	PASS
4	2213.285	-50.00	-13.00	Vertical	PASS
5	4701.037	-47.51	-13.00	Vertical	PASS
6	9102.455	-37.36	-13.00	Vertical	PASS

LTE Band 25 20MHz BW, Low Channel, 16QAM

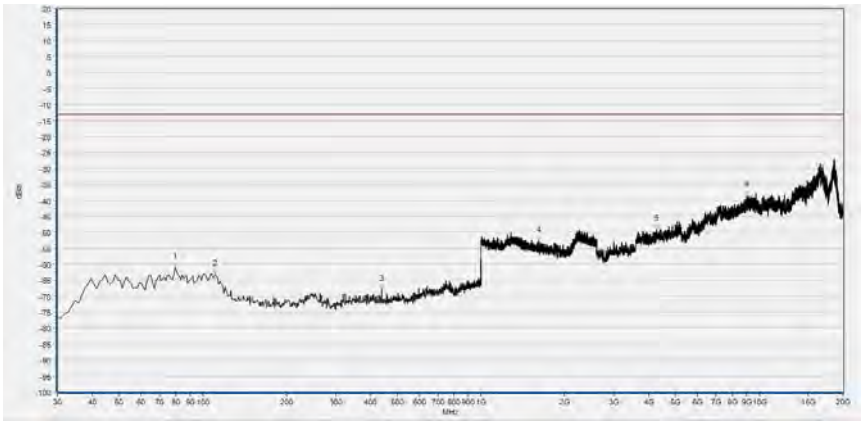


No.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	107.600	-62.66	-13.00	Horizontal	PASS
2	351.070	-69.39	-13.00	Horizontal	PASS
3	1259.304	-50.63	-13.00	Horizontal	PASS
4	3748.609	-49.73	-13.00	Horizontal	PASS
5	7105.837	-41.41	-13.00	Horizontal	PASS
6	11064.266	-37.52	-13.00	Horizontal	PASS

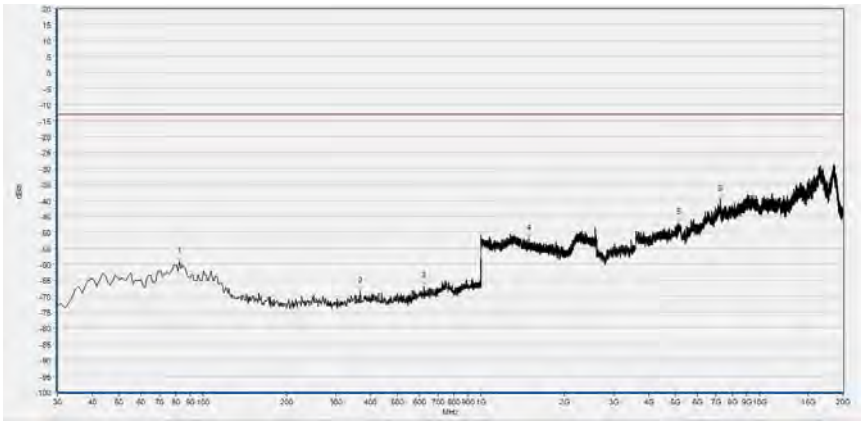


Num.	Freq(MHz)	Peak	limit PK	Antenna	Verdict
1	80.440	-59.97	-13.00	Vertical	PASS
2	237.580	-69.22	-13.00	Vertical	PASS
3	508.210	-68.69	-13.00	Vertical	PASS
4	1641.537	-52.87	-13.00	Vertical	PASS
5	4308.674	-47.50	-13.00	Vertical	PASS
6	9320.786	-37.43	-13.00	Vertical	PASS

LTE Band 25 20MHz BW, Mid Channel, QPSK

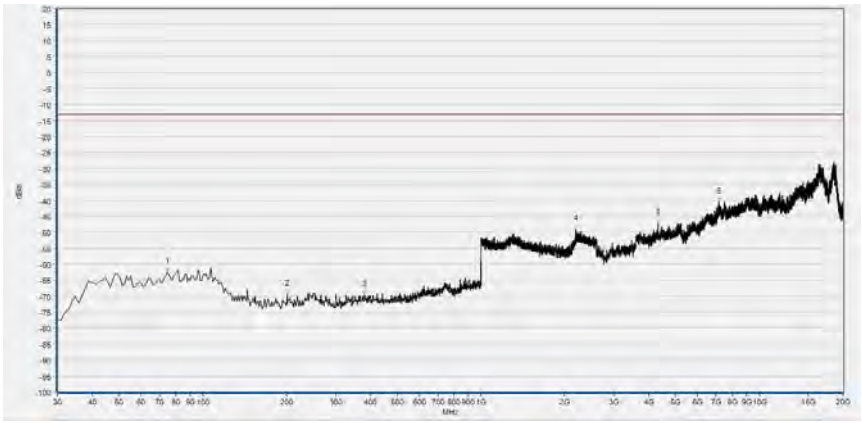


No.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	79.470	-60.90	-13.00	Horizontal	PASS
2	110.510	-63.07	-13.00	Horizontal	PASS
3	439.340	-67.88	-13.00	Horizontal	PASS
4	1608.884	-52.52	-13.00	Horizontal	PASS
5	4267.540	-49.14	-13.00	Horizontal	PASS
6	9023.350	-38.38	-13.00	Horizontal	PASS

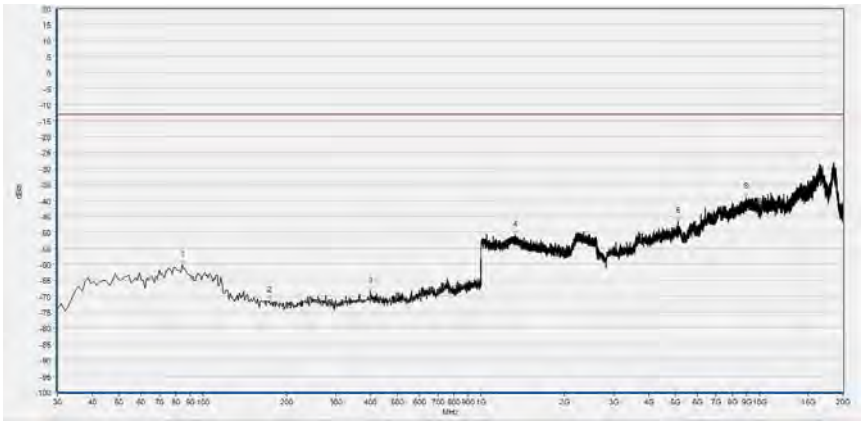


No.	Freq(MHz)	Peak	limit PK	Antenna	Verdict
1	82.380	-59.18	-13.00	Vertical	PASS
2	368.530	-68.58	-13.00	Vertical	PASS
3	623.640	-66.92	-13.00	Vertical	PASS
4	1484.034	-52.06	-13.00	Vertical	PASS
5	5137.698	-47.00	-13.00	Vertical	PASS
6	7254.555	-39.66	-13.00	Vertical	PASS

LTE Band 25 20MHz BW, Mid Channel, 16QAM

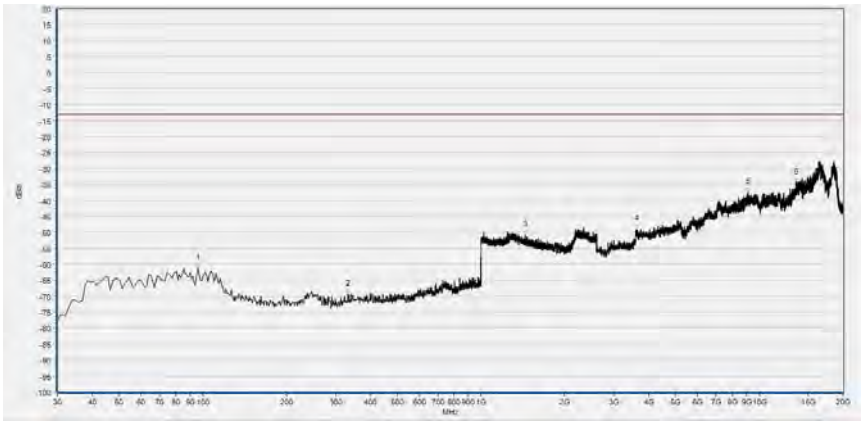


No.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	74.620	-62.56	-13.00	Horizontal	PASS
2	200.720	-69.49	-13.00	Horizontal	PASS
3	381.140	-69.70	-13.00	Horizontal	PASS
4	2195.358	-49.05	-13.00	Horizontal	PASS
5	4324.495	-47.27	-13.00	Horizontal	PASS
6	7169.122	-40.58	-13.00	Horizontal	PASS

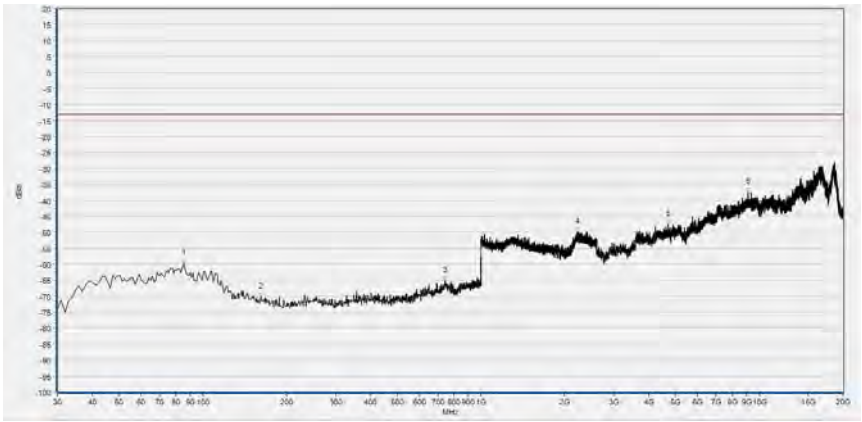


Num.	Freq(MHz)	Peak	limit PK	Antenna	Verdict
1	84.320	-60.14	-13.00	Vertical	PASS
2	173.560	-71.32	-13.00	Vertical	PASS
3	400.540	-68.46	-13.00	Vertical	PASS
4	1326.531	-50.79	-13.00	Vertical	PASS
5	5118.712	-46.67	-13.00	Vertical	PASS
6	8925.259	-38.92	-13.00	Vertical	PASS

LTE Band 25 20MHz BW, High Channel, QPSK

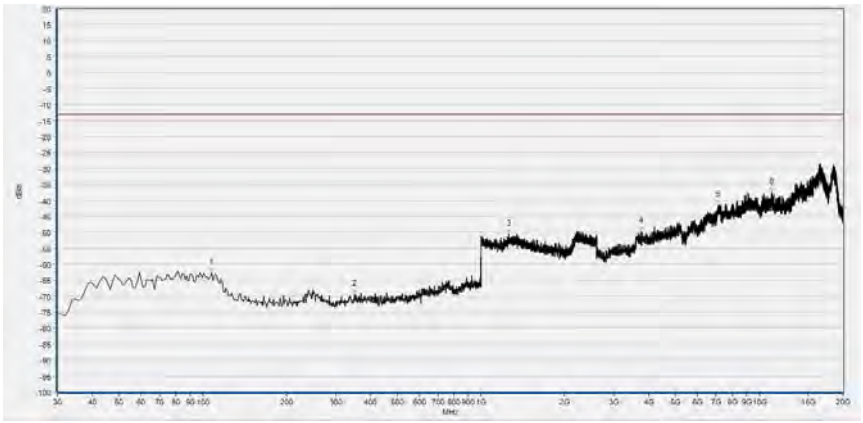


No.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	95.960	-61.25	-13.00	Horizontal	PASS
2	331.670	-69.34	-13.00	Horizontal	PASS
3	1439.216	-50.80	-13.00	Horizontal	PASS
4	3631.533	-49.12	-13.00	Horizontal	PASS
5	9089.798	-37.45	-13.00	Horizontal	PASS
6	13576.650	-34.62	-13.00	Horizontal	PASS

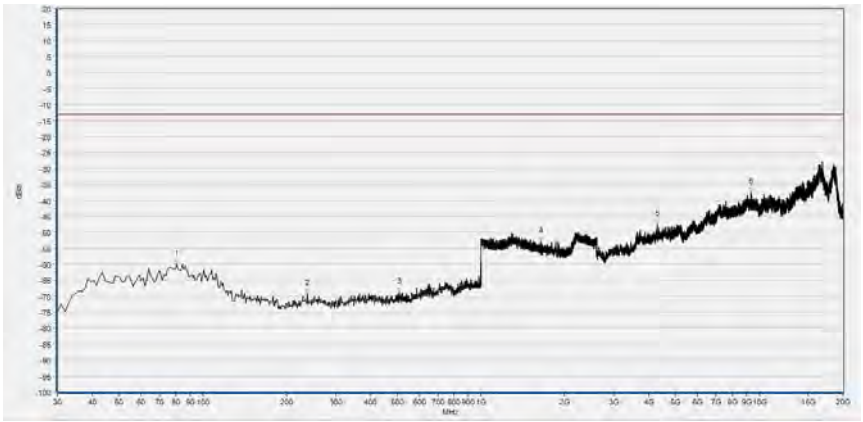


No.	Freq(MHz)	Peak	limit PK	Antenna	Verdict
1	85.290	-59.80	-13.00	Vertical	PASS
2	161.920	-70.23	-13.00	Vertical	PASS
3	744.890	-65.03	-13.00	Vertical	PASS
4	2213.285	-50.00	-13.00	Vertical	PASS
5	4701.037	-47.51	-13.00	Vertical	PASS
6	9102.455	-37.36	-13.00	Vertical	PASS

LTE Band 25 20MHz BW, High Channel, 16QAM

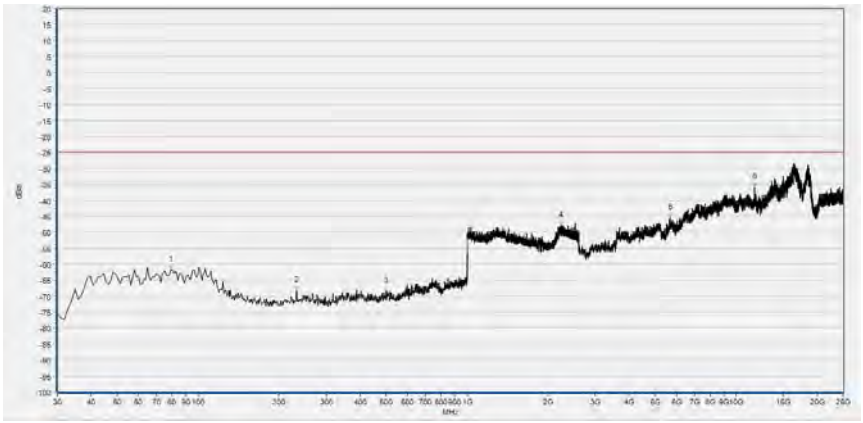


No.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	107.600	-62.66	-13.00	Horizontal	PASS
2	351.070	-69.39	-13.00	Horizontal	PASS
3	1259.304	-50.63	-13.00	Horizontal	PASS
4	3748.609	-49.73	-13.00	Horizontal	PASS
5	7105.837	-41.41	-13.00	Horizontal	PASS
6	11064.266	-37.52	-13.00	Horizontal	PASS

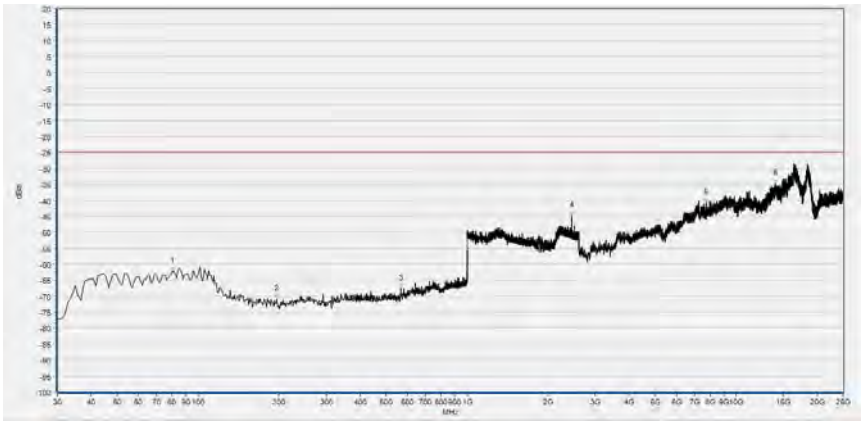


Num.	Freq(MHz)	Peak	limit PK	Antenna	Verdict
1	80.440	-59.97	-13.00	Vertical	PASS
2	237.580	-69.22	-13.00	Vertical	PASS
3	508.210	-68.69	-13.00	Vertical	PASS
4	1641.537	-52.87	-13.00	Vertical	PASS
5	4308.674	-47.50	-13.00	Vertical	PASS
6	9320.786	-37.43	-13.00	Vertical	PASS

LTE Band 41 20MHz BW, Low Channel, QPSK

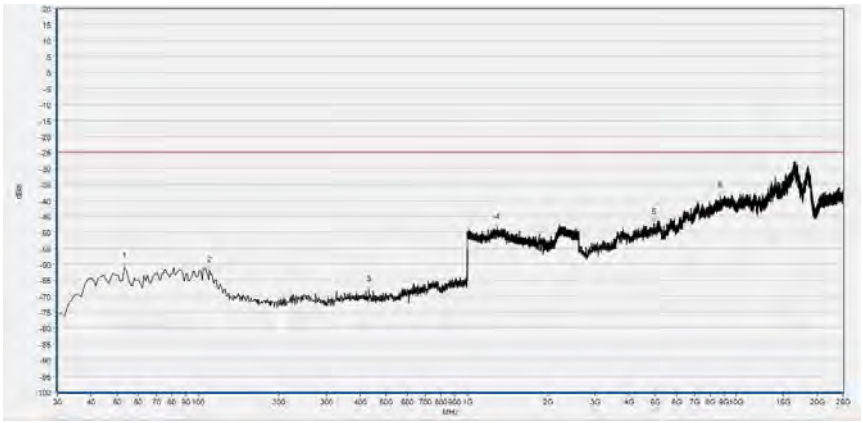


No.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	79.470	-61.81	-25.00	Horizontal	PASS
2	232.730	-68.17	-25.00	Horizontal	PASS
3	499.480	-68.38	-25.00	Horizontal	PASS
4	2235.694	-47.85	-25.00	Horizontal	PASS
5	5703.983	-45.51	-25.00	Horizontal	PASS
6	11720.495	-35.79	-25.00	Horizontal	PASS

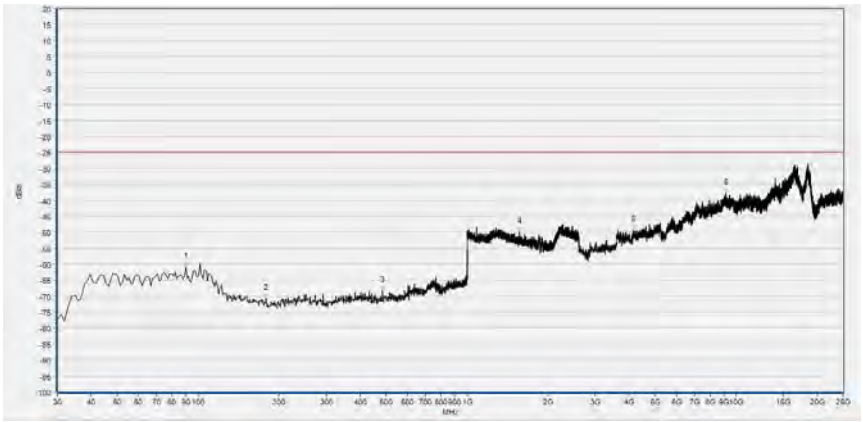


No.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	80.440	-62.26	-25.00	Vertical	PASS
2	195.870	-70.95	-25.00	Vertical	PASS
3	567.380	-67.52	-25.00	Vertical	PASS
4	2452.101	-44.84	-25.00	Vertical	PASS
5	7748.863	-40.85	-25.00	Vertical	PASS
6	14009.784	-34.86	-25.00	Vertical	PASS

LTE Band 41 20MHz BW, Low Channel, 16QAM

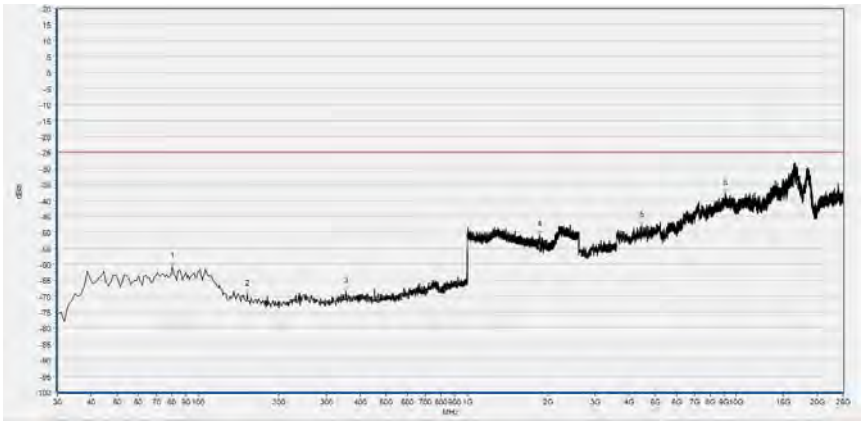


No.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	53.280	-60.98	-25.00	Horizontal	PASS
2	110.510	-61.93	-25.00	Horizontal	PASS
3	432.550	-67.97	-25.00	Horizontal	PASS
4	1299.640	-48.57	-25.00	Horizontal	PASS
5	4950.391	-47.02	-25.00	Horizontal	PASS
6	8742.790	-38.67	-25.00	Horizontal	PASS

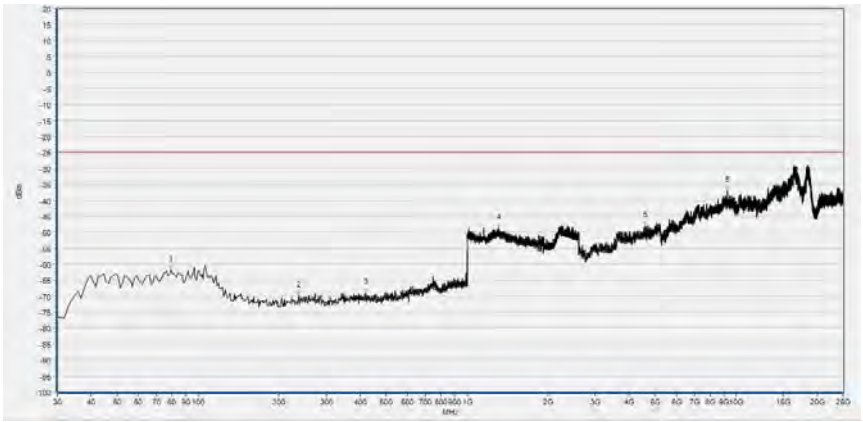


No.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	90.140	-60.88	-25.00	Vertical	PASS
2	179.380	-70.68	-25.00	Vertical	PASS
3	485.900	-68.25	-25.00	Vertical	PASS
4	1562.785	-49.89	-25.00	Vertical	PASS
5	4143.844	-49.24	-25.00	Vertical	PASS
6	9146.063	-37.68	-25.00	Vertical	PASS

LTE Band 41 20MHz BW, Mid Channel, QPSK

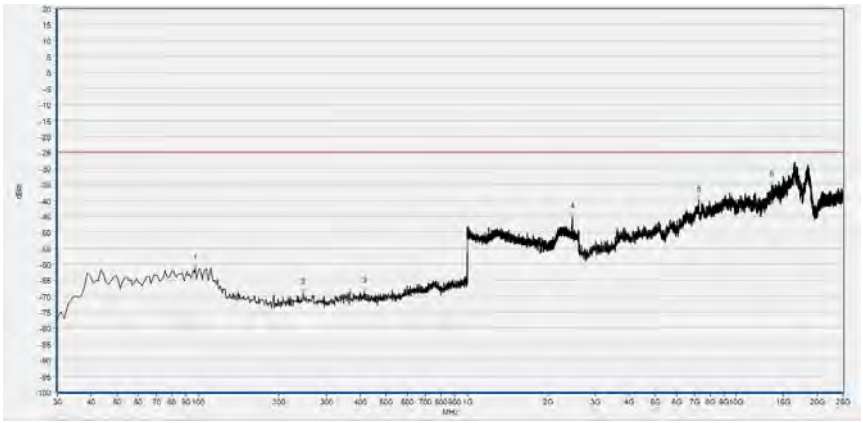


No.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	80.440	-60.65	-25.00	Horizontal	PASS
2	152.220	-69.28	-25.00	Horizontal	PASS
3	353.980	-68.47	-25.00	Horizontal	PASS
4	1854.742	-50.80	-25.00	Horizontal	PASS
5	4449.354	-48.00	-25.00	Horizontal	PASS
6	9129.769	-37.91	-25.00	Horizontal	PASS

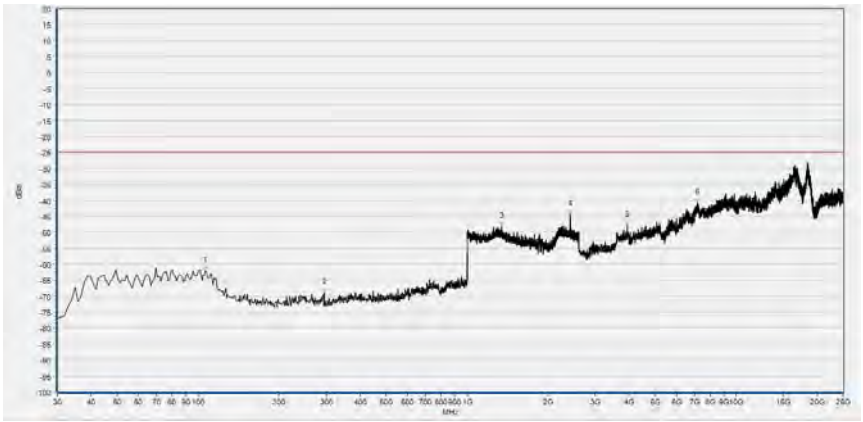


No.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	79.470	-61.89	-25.00	Vertical	PASS
2	236.610	-69.80	-25.00	Vertical	PASS
3	420.910	-68.97	-25.00	Vertical	PASS
4	1309.244	-48.51	-25.00	Vertical	PASS
5	4600.073	-47.83	-25.00	Vertical	PASS
6	9280.487	-37.01	-25.00	Vertical	PASS

LTE Band 41 20MHz BW, Mid Channel, 16QAM

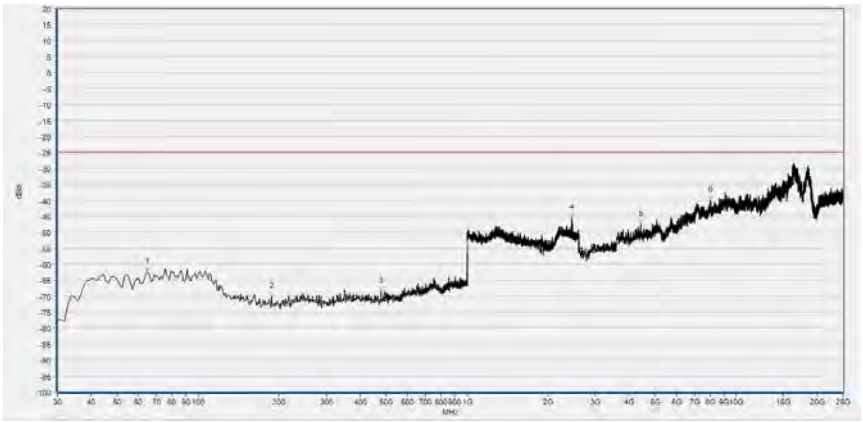


No.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	97.900	-61.40	-25.00	Horizontal	PASS
2	246.310	-68.96	-25.00	Horizontal	PASS
3	417.030	-68.56	-25.00	Horizontal	PASS
4	2464.906	-45.28	-25.00	Horizontal	PASS
5	7255.974	-39.91	-25.00	Horizontal	PASS
6	13582.069	-35.14	-25.00	Horizontal	PASS

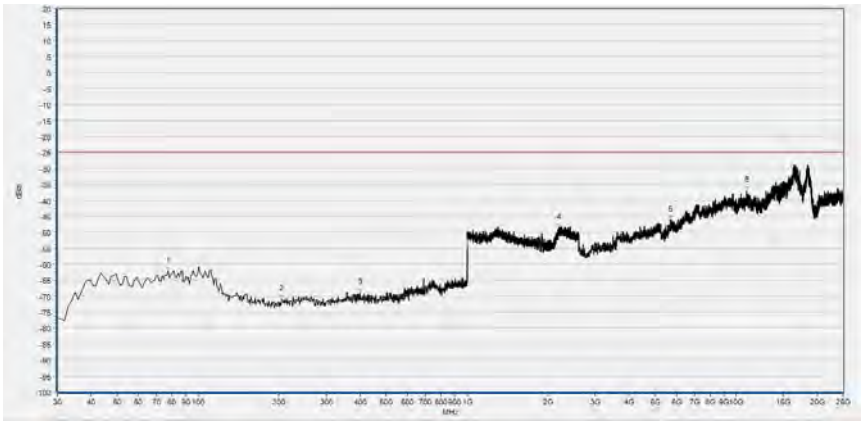


No.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	106.630	-61.91	-25.00	Vertical	PASS
2	294.810	-68.92	-25.00	Vertical	PASS
3	1348.299	-48.18	-25.00	Vertical	PASS
4	2414.966	-44.34	-25.00	Vertical	PASS
5	3944.244	-47.80	-25.00	Vertical	PASS
6	7190.798	-40.86	-25.00	Vertical	PASS

LTE Band 41 20MHz BW, High Channel, QPSK

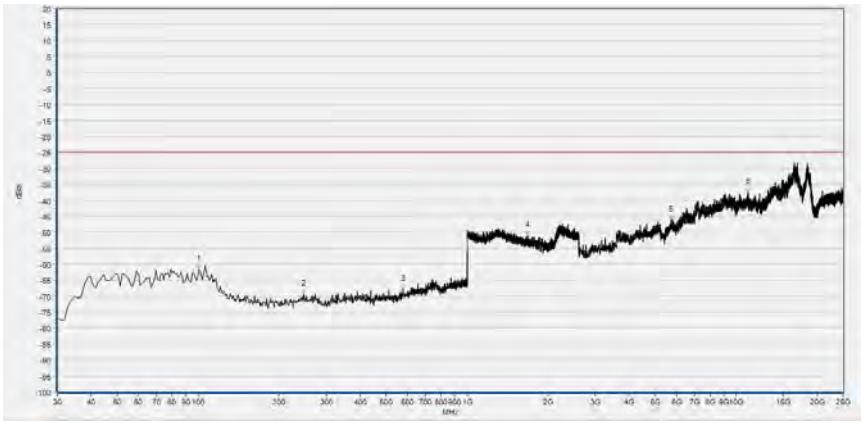


No.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	64.920	-62.53	-25.00	Horizontal	PASS
2	188.110	-70.04	-25.00	Horizontal	PASS
3	479.110	-68.51	-25.00	Horizontal	PASS
4	2454.662	-45.53	-25.00	Horizontal	PASS
5	4437.134	-47.44	-25.00	Horizontal	PASS
6	8001.418	-39.91	-25.00	Horizontal	PASS

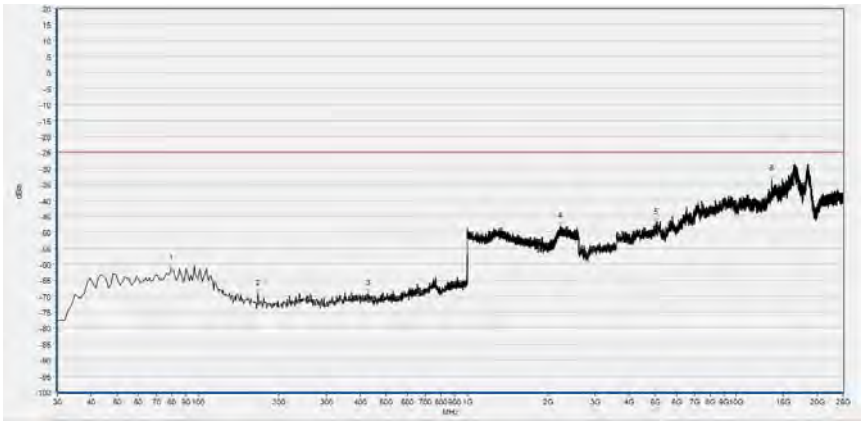


No.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	77.530	-62.16	-25.00	Vertical	PASS
2	204.600	-70.90	-25.00	Vertical	PASS
3	400.540	-69.04	-25.00	Vertical	PASS
4	2188.315	-48.63	-25.00	Vertical	PASS
5	5683.615	-46.07	-25.00	Vertical	PASS
6	10930.242	-36.96	-25.00	Vertical	PASS

LTE Band 41 20MHz BW, High Channel, 16QAM

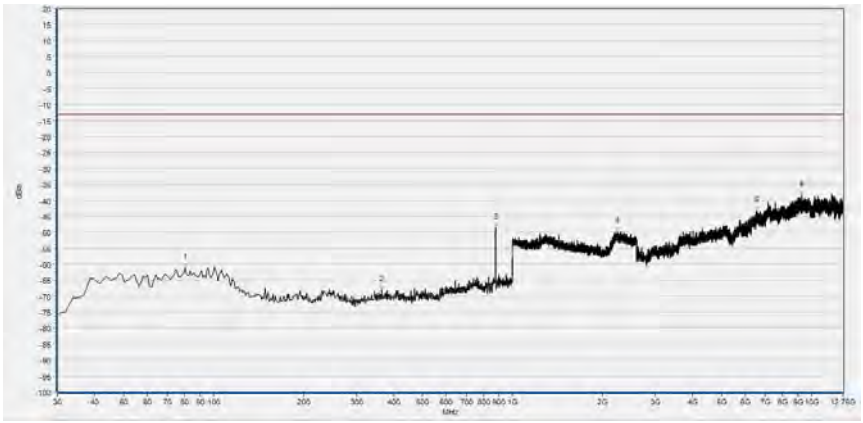


No.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	100.810	-61.53	-25.00	Horizontal	PASS
2	247.280	-69.49	-25.00	Horizontal	PASS
3	579.990	-67.85	-25.00	Horizontal	PASS
4	1681.232	-50.97	-25.00	Horizontal	PASS
5	5724.350	-46.18	-25.00	Horizontal	PASS
6	11056.519	-37.46	-25.00	Horizontal	PASS

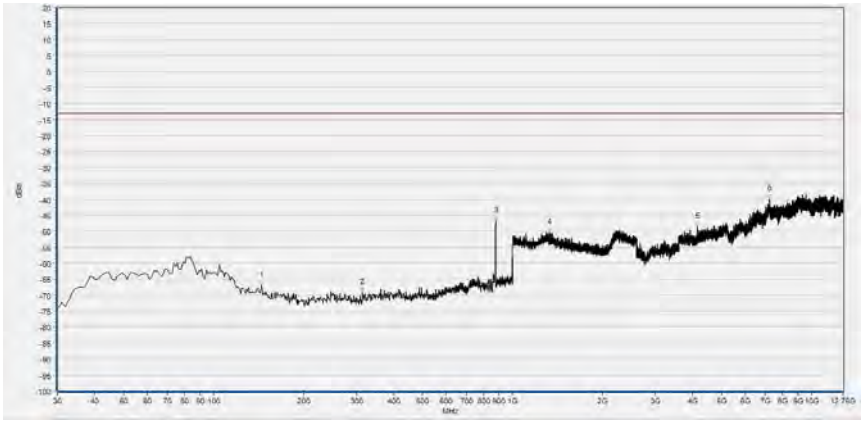


No.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	79.470	-61.27	-25.00	Vertical	PASS
2	166.770	-69.05	-25.00	Vertical	PASS
3	429.640	-69.06	-25.00	Vertical	PASS
4	2219.048	-48.15	-25.00	Vertical	PASS
5	5048.154	-47.02	-25.00	Vertical	PASS
6	13586.143	-33.49	-25.00	Vertical	PASS

LTE Band 26 15MHz BW, Low Channel, QPSK

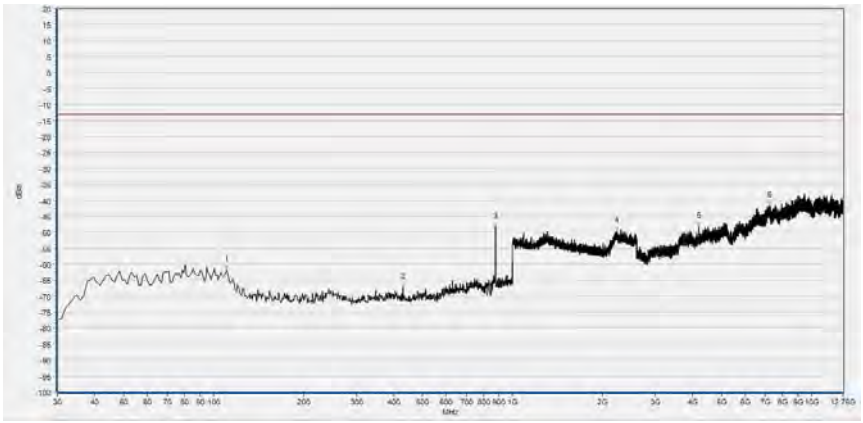


No.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	80.440	-61.10	-13.00	Horizontal	PASS
2	365.620	-68.06	-13.00	Horizontal	PASS
3	878.750	-48.58	-13.00	Horizontal	N/A
4	2246.579	-49.78	-13.00	Horizontal	PASS
5	6561.066	-43.27	-13.00	Horizontal	PASS
6	9289.143	-38.42	-13.00	Horizontal	PASS

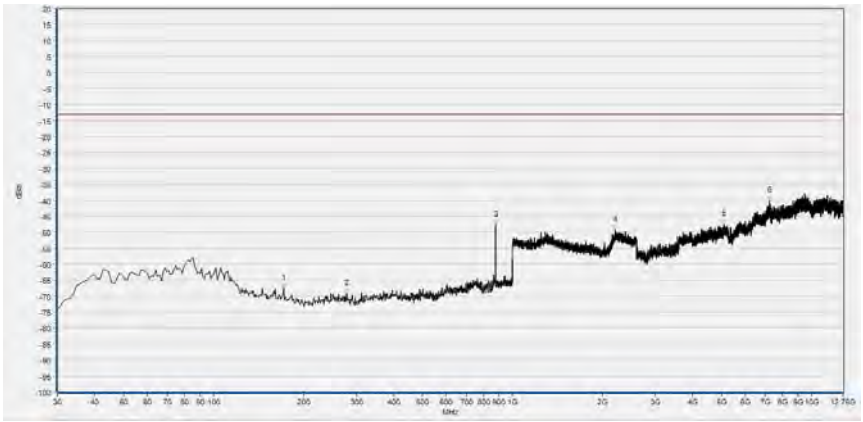


No.	Freq(MHz)	Peak	limit PK	Antenna	Verdict
1	144.460	-67.03	-13.00	Vertical	PASS
2	315.180	-69.26	-13.00	Vertical	PASS
3	878.750	-46.77	-13.00	Vertical	N/A
4	1325.250	-50.32	-13.00	Vertical	PASS
5	4150.464	-48.58	-13.00	Vertical	PASS
6	7253.237	-39.87	-13.00	Vertical	PASS

LTE Band 26 15MHz BW, Low Channel, 16QAM

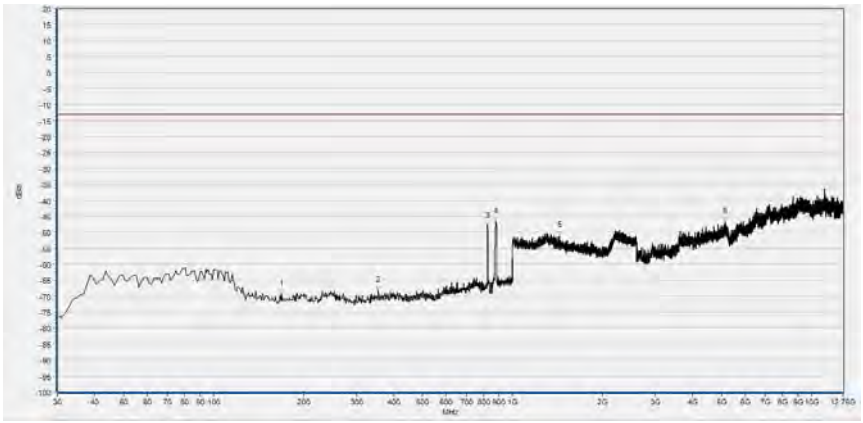


No.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	110.510	-61.79	-13.00	Horizontal	PASS
2	429.640	-67.17	-13.00	Horizontal	PASS
3	876.810	-48.48	-13.00	Horizontal	N/A
4	2224.810	-49.76	-13.00	Horizontal	PASS
5	4191.071	-48.26	-13.00	Horizontal	PASS
6	7236.625	-41.58	-13.00	Horizontal	PASS

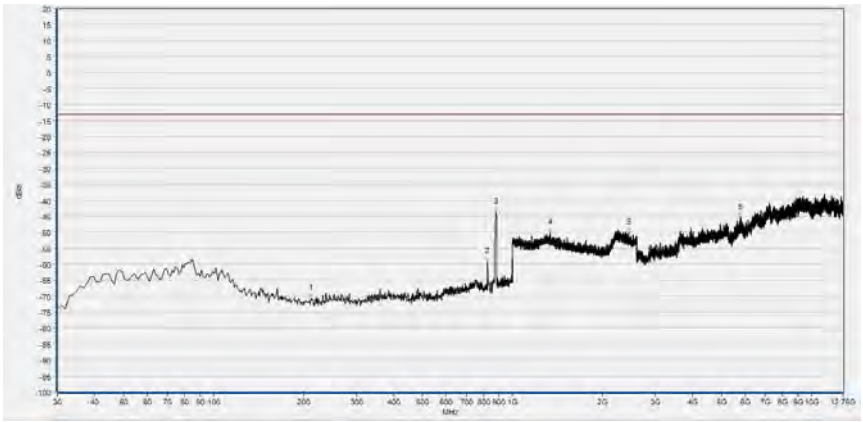


Num.	Freq(MHz)	Peak	limit PK	Antenna	Verdict
1	171.620	-67.66	-13.00	Vertical	PASS
2	278.320	-69.20	-13.00	Vertical	PASS
3	877.780	-47.75	-13.00	Vertical	N/A
4	2205.602	-49.24	-13.00	Vertical	PASS
5	5080.742	-47.39	-13.00	Vertical	PASS
6	7240.316	-40.11	-13.00	Vertical	PASS

LTE Band 26 15MHz BW, Mid Channel, QPSK

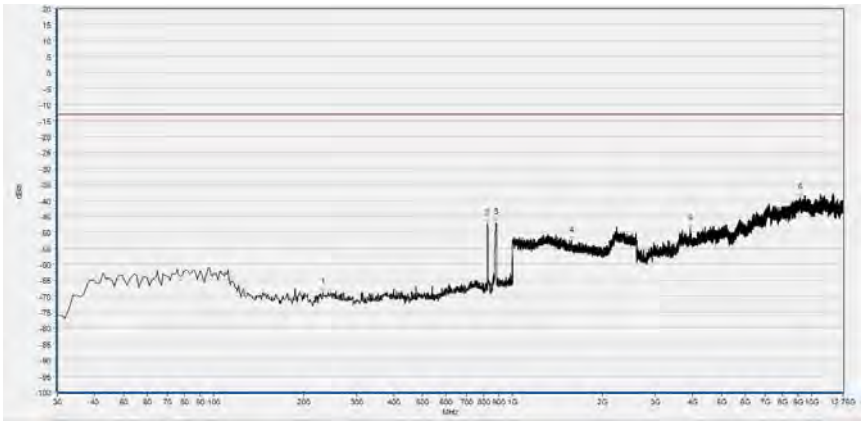


No.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	168.710	-69.50	-13.00	Horizontal	PASS
2	354.950	-68.27	-13.00	Horizontal	PASS
3	824.430	-48.10	-13.00	Horizontal	N/A
4	878.750	-46.82	-13.00	Horizontal	N/A
5	1432.173	-51.11	-13.00	Horizontal	PASS
6	5143.499	-46.73	-13.00	Horizontal	PASS

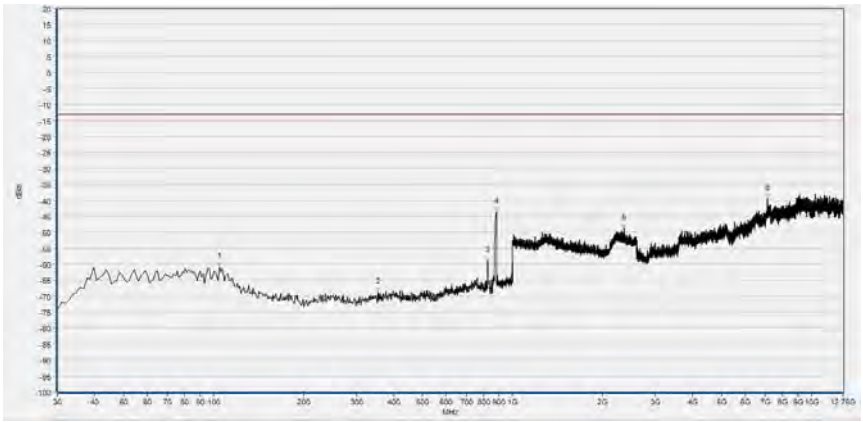


No.	Freq(MHz)	Peak	limit PK	Antenna	Verdict
1	211.390	-70.78	-13.00	Vertical	PASS
2	824.430	-59.30	-13.00	Vertical	N/A
3	881.660	-43.60	-13.00	Vertical	N/A
4	1334.214	-50.19	-13.00	Vertical	PASS
5	2452.741	-50.12	-13.00	Vertical	PASS
6	5765.530	-45.52	-13.00	Vertical	PASS

LTE Band 26 15MHz BW, Mid Channel, 16QAM

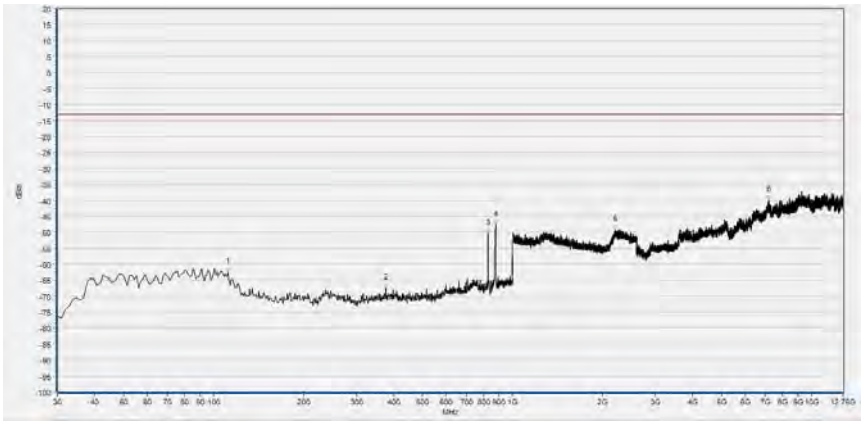


No.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	232.730	-68.67	-13.00	Horizontal	PASS
2	825.400	-47.28	-13.00	Horizontal	N/A
3	880.690	-47.04	-13.00	Horizontal	N/A
4	1572.389	-52.68	-13.00	Horizontal	PASS
5	3921.586	-48.89	-13.00	Horizontal	PASS
6	9148.863	-39.18	-13.00	Horizontal	PASS

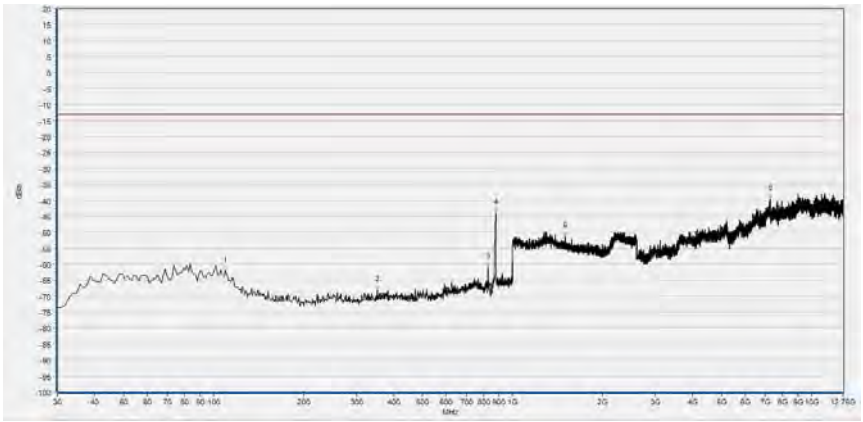


Num.	Freq(MHz)	Peak	limit PK	Antenna	Verdict
1	104.690	-60.98	-13.00	Vertical	PASS
2	353.980	-68.73	-13.00	Vertical	PASS
3	824.430	-58.88	-13.00	Vertical	N/A
4	882.630	-43.71	-13.00	Vertical	N/A
5	2361.184	-48.86	-13.00	Vertical	PASS
6	7118.494	-39.48	-13.00	Vertical	PASS

LTE Band 26 15MHz BW, High Channel, QPSK

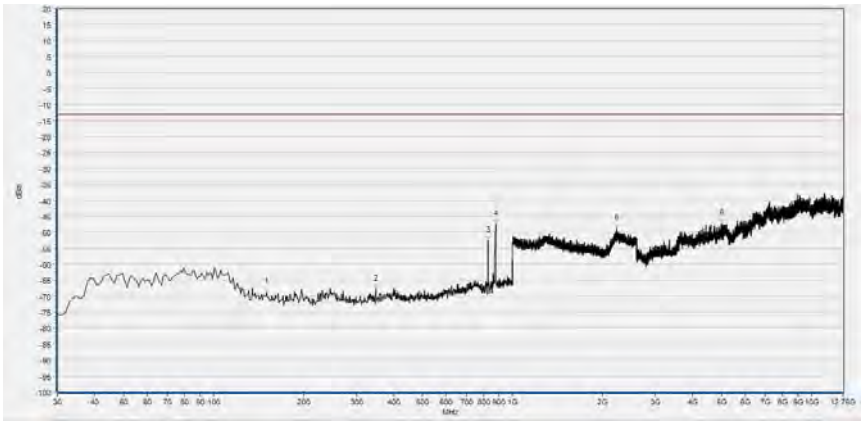


No.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	111.480	-62.46	-13.00	Horizontal	PASS
2	376.290	-67.28	-13.00	Horizontal	PASS
3	827.340	-50.44	-13.00	Horizontal	N/A
4	880.690	-47.67	-13.00	Horizontal	N/A
5	2206.242	-49.20	-13.00	Horizontal	PASS
6	7192.326	-39.98	-13.00	Horizontal	PASS

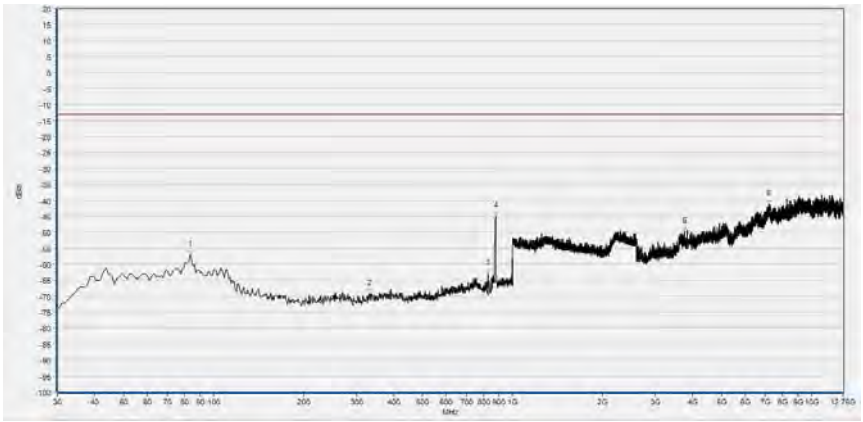


No.	Freq(MHz)	Peak	limit PK	Antenna	Verdict
1	109.540	-61.93	-13.00	Vertical	PASS
2	352.040	-68.15	-13.00	Vertical	PASS
3	827.340	-60.98	-13.00	Vertical	N/A
4	880.690	-43.85	-13.00	Vertical	N/A
5	1498.119	-51.29	-13.00	Vertical	PASS
6	7260.620	-39.45	-13.00	Vertical	PASS

LTE Band 26 15MHz BW, High Channel, 16QAM



No.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	150.280	-68.72	-13.00	Horizontal	PASS
2	348.160	-67.91	-13.00	Horizontal	PASS
3	827.340	-52.52	-13.00	Horizontal	N/A
4	880.690	-47.54	-13.00	Horizontal	N/A
5	2228.011	-48.87	-13.00	Horizontal	PASS
6	4997.681	-47.37	-13.00	Horizontal	PASS



Num.	Freq(MHz)	Peak	limit PK	Antenna	Verdict
1	83.350	-57.05	-13.00	Vertical	PASS
2	331.670	-69.22	-13.00	Vertical	PASS
3	827.340	-62.95	-13.00	Vertical	N/A
4	880.690	-45.10	-13.00	Vertical	N/A
5	3761.002	-49.61	-13.00	Vertical	PASS
6	7205.246	-41.15	-13.00	Vertical	PASS

Annex A Test Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for test performed on the EUT as specified in CISPR 16-1-2:

Test items	Uncertainty
Output Power	±2.22 dB
Bandwidth	±5%
Conducted Spurious Emission	±2.77 dB
Band Edge	±2.77 dB
Equivalent Isotropic Radiated Power	±2.22 dB
Radiated Spurious Emissions	±6 dB

This uncertainty represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2

Annex B Testing Laboratory Information

1. Identification of the Responsible Testing Laboratory

Company Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Department:	Morlab Laboratory
Address:	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China
Responsible Test Lab Manager:	Mr. Su Feng
Telephone:	+86 755 36698555
Facsimile:	+86 755 36698525

2. Identification of the Responsible Testing Location

Name:	Shenzhen Morlab Communications Technology Co., Ltd. Morlab Laboratory
Address:	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China

3. Facilities and Accreditations

All measurement facilities used to collect the measurement data are located at FL.3, Building A, FeiYang Science Park, Block 67, BaoAn District, Shenzhen, 518101 P. R. China. The test site is constructed in conformance with the requirements of ANSI/TIA-603-E-2016 and CISPR Publication 22; the FCC designation number is CN1192, the test firm registration number is 226174.

4. Test Equipments Utilized

4.1 Conducted Test Equipments

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Cal. Due
Power Splitter	NW521	1506A	Weinschel	2018.04.17	2019.04.16
Attenuator 1	(N/A.)	10dB	Resnet	2018.04.17	2019.04.16
Attenuator 2	(N/A.)	3dB	Resnet	2018.04.17	2019.04.16
EXA Signal Analzyer	MY53470836	N9010A	Agilent	2017.12.03	2018.12.02
Wireless synthesizer	MY48364176	8960 -E5515C	Agilent	2018.04.17	2019.04.16
RF cable (30MHz-26GHz)	CB01	RF01	Morlab	N/A	N/A
Coaxial cable	CB02	RF02	Morlab	N/A	N/A
SMA connector	CN01	RF03	HUBER-SUHNER	N/A	N/A
Temperature Chamber	(N/A)	HUT705P	CHONGQING HANBA EXPERIMENTAL EQUIPMENT CO.,LTD	2018.04.17	2019.04.16

4.2Auxiliary Test Equipment

Equipment Name	Model No.	Brand Name	Manufacturer	Cal.Date	Cal. Due
Computer	T430i	Think Pad	Lenovo	N/A	N/A

4.3 Radiated Test Equipments

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Cal. Due
System Simulator	152038	CMW500	R&S	2018.05.08	2019.05.07
Receiver	MY54130016	N9038A	Agilent	2018.05.08	2019.05.07
Test Antenna - Bi-Log	9163-519	VULB 9163	Schwarzbeck	2018.05.08	2019.05.07
Test Antenna - Horn	9170C-531	BBHA9170	Schwarzbeck	2017.09.13	2018.09.12
Test Antenna - Horn	01774	BBHA 9120D	Schwarzbeck	2017.09.13	2018.09.12
Coaxial cable (N male) (9KHz-30MHz)	CB04	EMC04	Morlab	N/A	N/A
Coaxial cable (N male) (30MHz-26GHz)	CB02	EMC02	Morlab	N/A	N/A
Coaxial cable (N male) (30MHz-26GHz)	CB03	EMC03	Morlab	N/A	N/A
1-18GHz pre-Amplifier	MA02	TS-PR18	Rohde& Schwarz	2018.05.08	2019.05.07
18-26.5GHz pre-Amplifier	MA03	TS-PR18	Rohde& Schwarz	2018.05.08	2019.05.07
Anechoic Chamber	N/A	9m*6m*6m	CRT	2017.11.19	2020.11.18

END OF REPORT