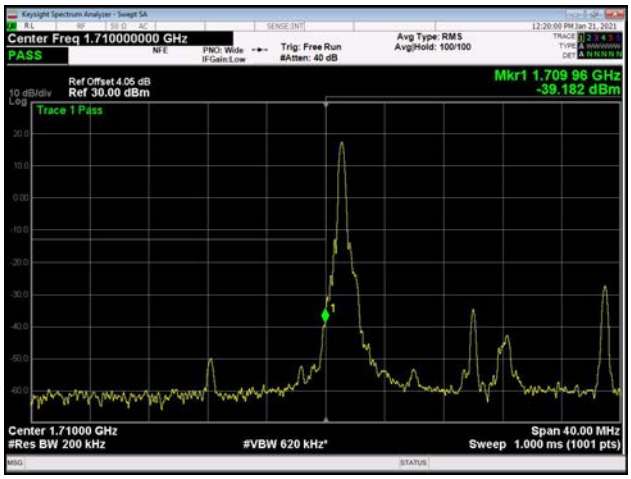
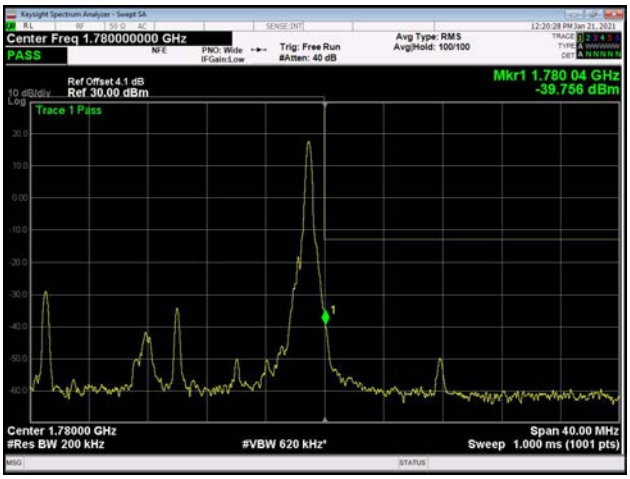
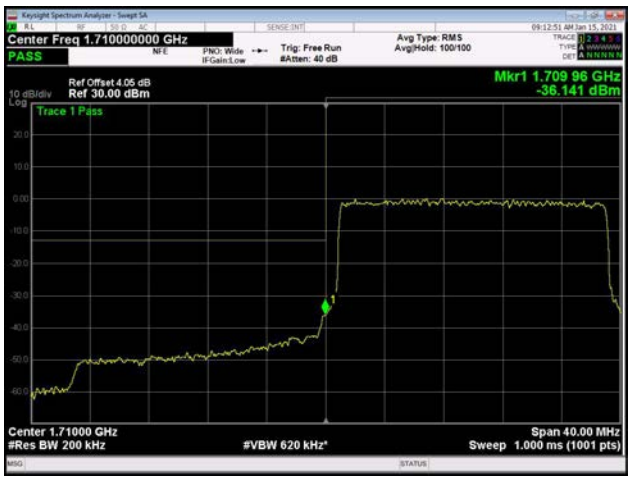
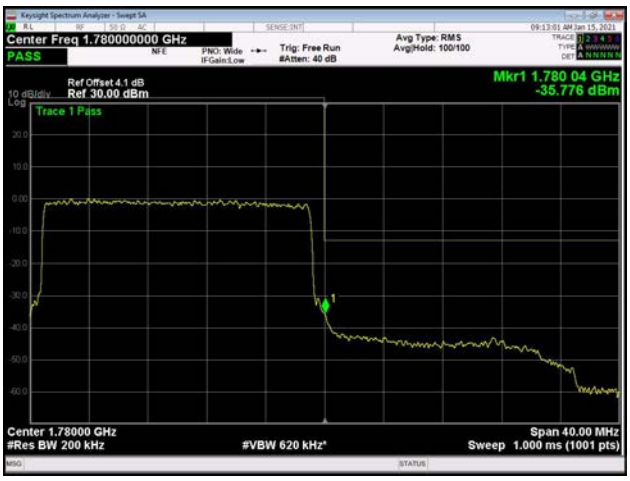
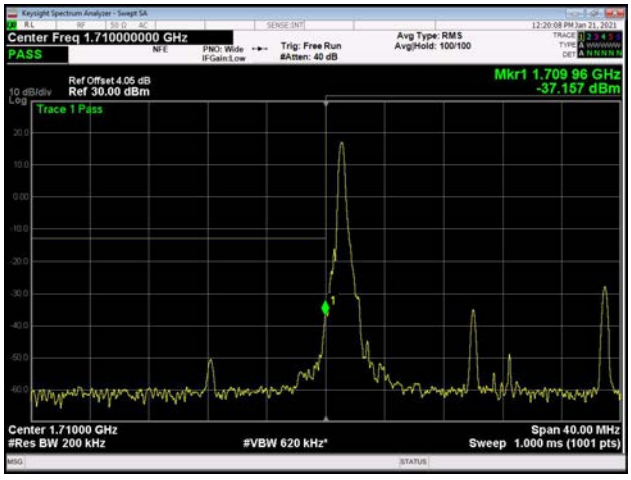
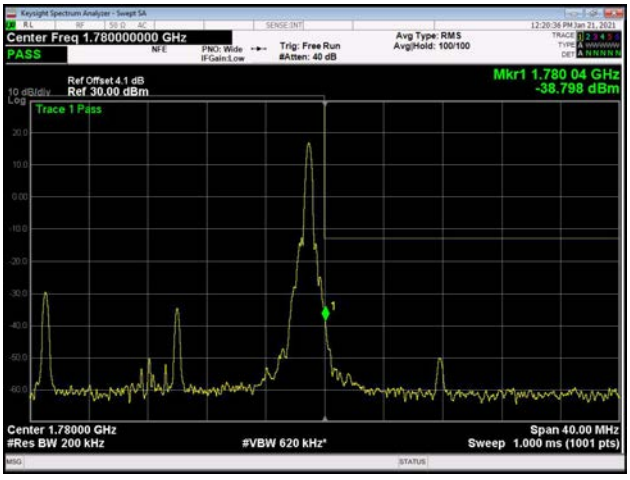
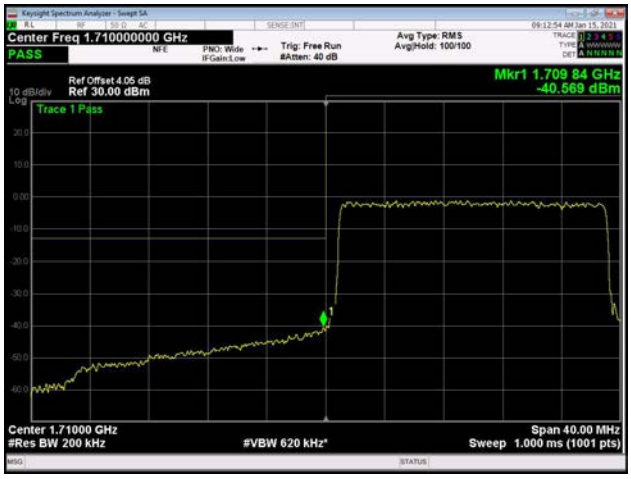
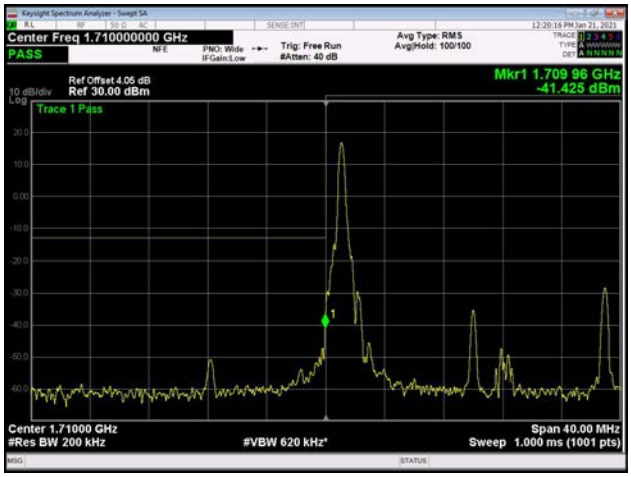
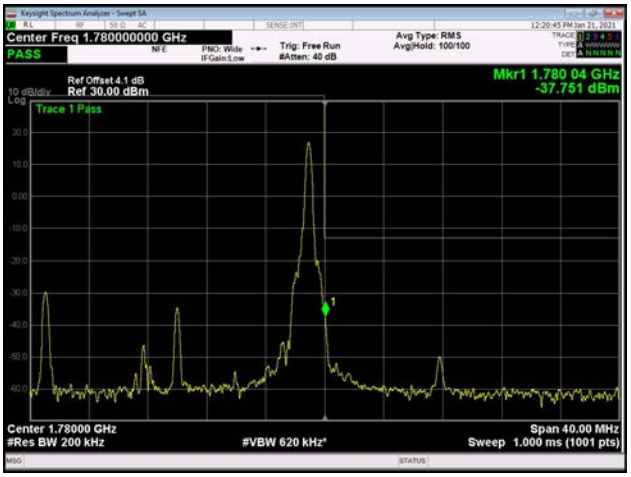
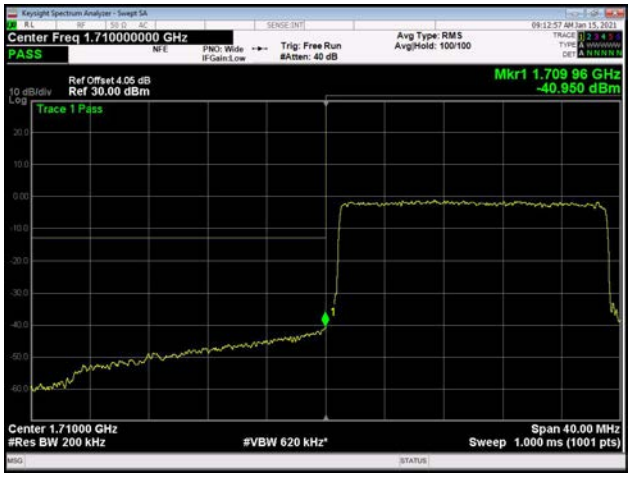
20MHz / QPSK / Low Channel / 1RB	20MHz / QPSK / High Channel / 1 RB
	
20MHz / QPSK / Low Channel / Full RB	**20MHz / QPSK / High Channel / Full RB**
	
20MHz / 16QAM / Low Channel / 1RB	**20MHz / 16QAM / High Channel / 1 RB**
	

20MHz / 16QAM / Low Channel / Full RB	20MHz / 16QAM / High Channel / Full RB
	
20MHz / 64QAM / Low Channel / 1RB	**20MHz / 64QAM / High Channel / 1 RB**
	
20MHz / 64QAM / Low Channel / Full RB	**20MHz / 64QAM / High Channel / Full RB**
	

LTE Band 71

5MHz / QPSK / Low Channel / 1RB

5MHz / QPSK / High Channel / 1 RB

5MHz / QPSK / Low Channel / Full RB

5MHz / QPSK / High Channel / Full RB

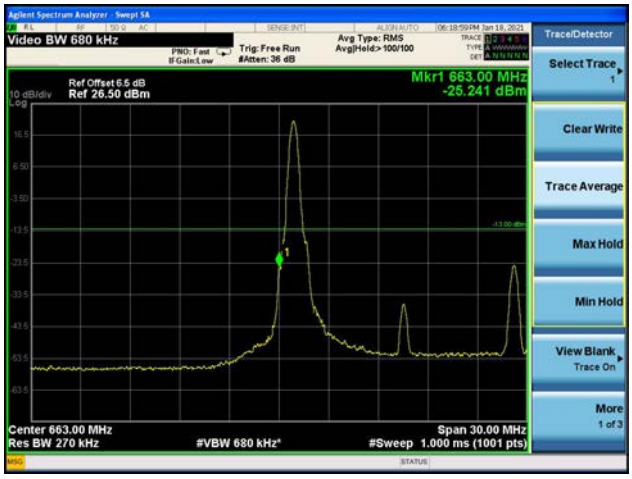
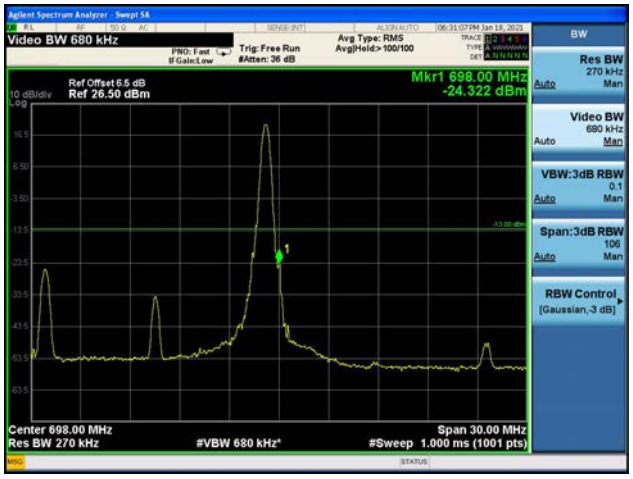
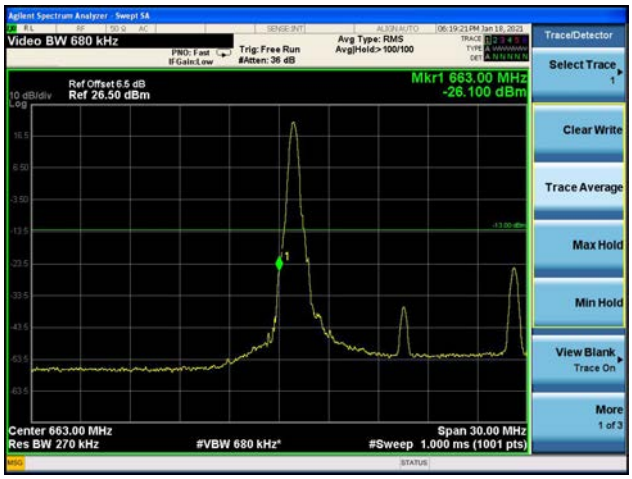
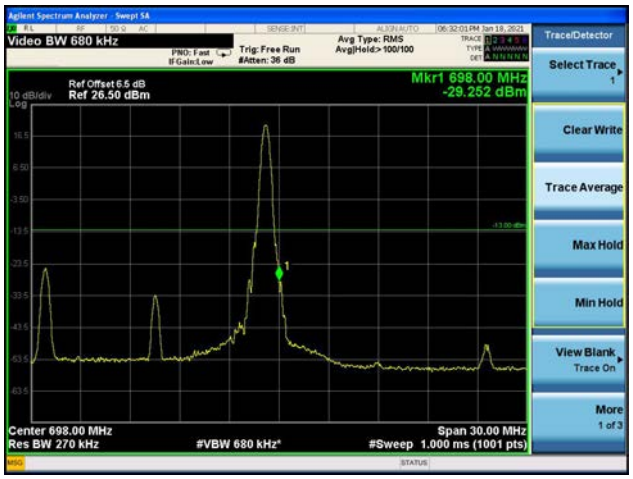
5MHz / 16QAM / Low Channel / 1RB

5MHz / 16QAM / High Channel / 1 RB

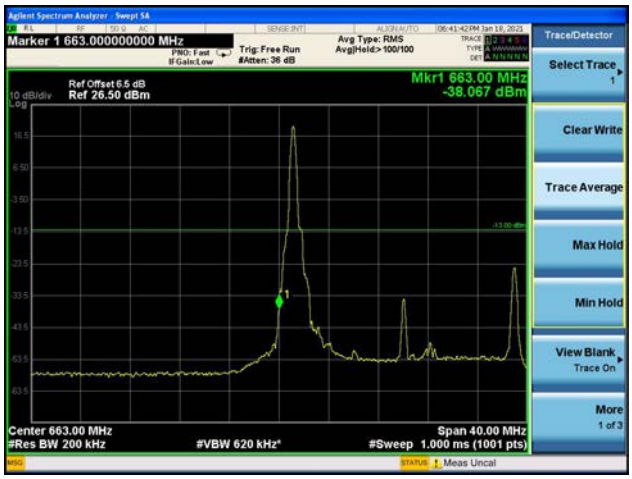
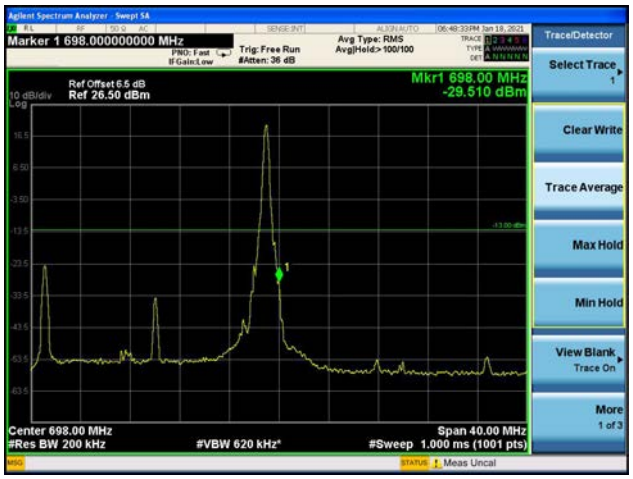
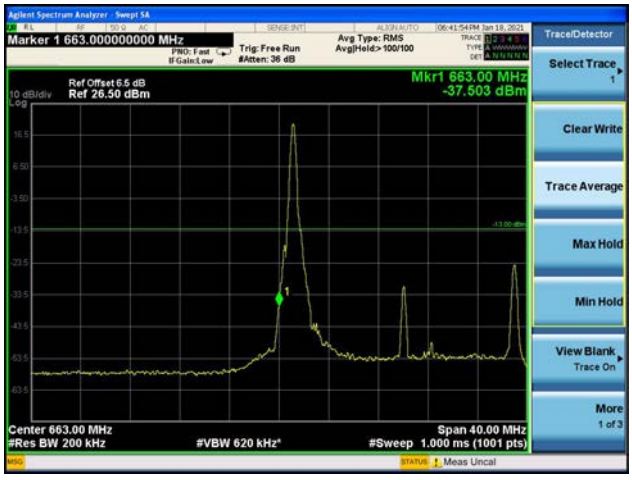
5MHz / 16QAM / Low Channel / Full RB	5MHz / 16QAM / High Channel / Full RB
	
5MHz / 64QAM / Low Channel / 1RB	**5MHz / 64QAM / High Channel / 1 RB**
	
5MHz / 64QAM / Low Channel / Full RB	**5MHz / 64QAM / High Channel / Full RB**
	

10MHz / QPSK / Low Channel / 1RB	10MHz / QPSK / High Channel / 1 RB
	
10MHz / QPSK / Low Channel / Full RB	**10MHz / QPSK / High Channel / Full RB**
	
10MHz / 16QAM / Low Channel / 1RB	**10MHz / 16QAM / High Channel / 1 RB**
	

10MHz / 16QAM / Low Channel / Full RB	10MHz / 16QAM / High Channel / Full RB
	
10MHz / 64QAM / Low Channel / 1RB	**10MHz / 64QAM / High Channel / 1 RB**
	
10MHz / 64QAM / Low Channel / Full RB	**10MHz / 64QAM / High Channel / Full RB**
	

15MHz / QPSK / Low Channel / 1RB	15MHz / QPSK / High Channel / 1 RB
	
15MHz / QPSK / Low Channel / Full RB	**15MHz / QPSK / High Channel / Full RB**
	
15MHz / 16QAM / Low Channel / 1RB	**15MHz / 16QAM / High Channel / 1 RB**
	

15MHz / 16QAM / Low Channel / Full RB	15MHz / 16QAM / High Channel / Full RB
	
15MHz / 64QAM / Low Channel / 1RB	**15MHz / 64QAM / High Channel / 1 RB**
	
15MHz / 64QAM / Low Channel / Full RB	**15MHz / 64QAM / High Channel / Full RB**
	

20MHz / QPSK / Low Channel / 1RB	20MHz / QPSK / High Channel / 1 RB
	
20MHz / QPSK / Low Channel / Full RB	**20MHz / QPSK / High Channel / Full RB**
	
20MHz / 16QAM / Low Channel / 1RB	**20MHz / 16QAM / High Channel / 1 RB**
	

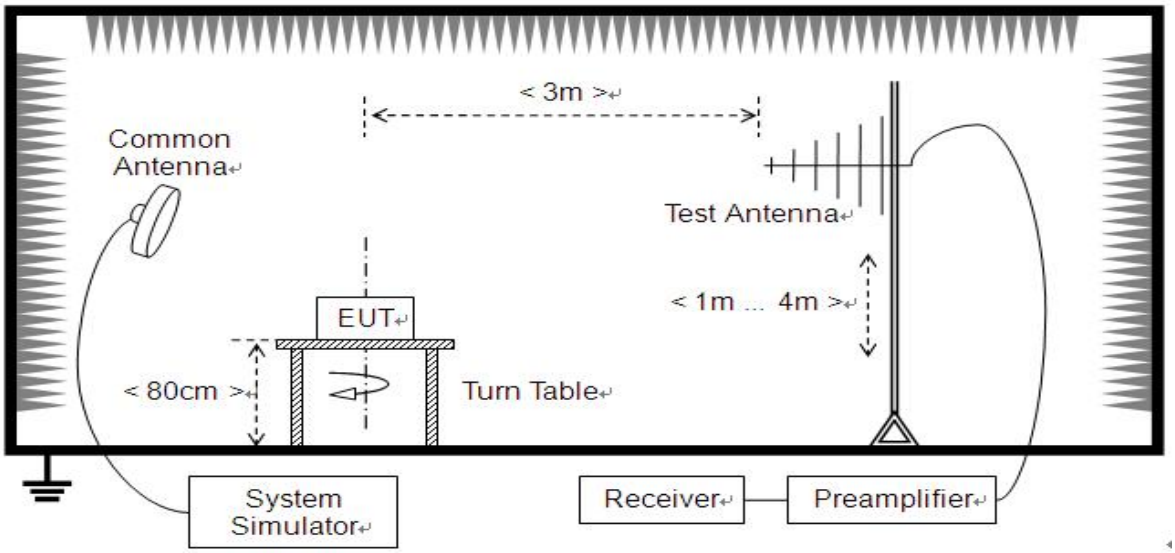
20MHz / 16QAM / Low Channel / Full RB	20MHz / 16QAM / High Channel / Full RB
	
20MHz / 64QAM / Low Channel / 1RB	**20MHz / 64QAM / High Channel / 1 RB**
	
20MHz / 64QAM / Low Channel / Full RB	**20MHz / 64QAM / High Channel / Full RB**
	

2.7. Transmitter Radiated Power (EIRP/ERP)

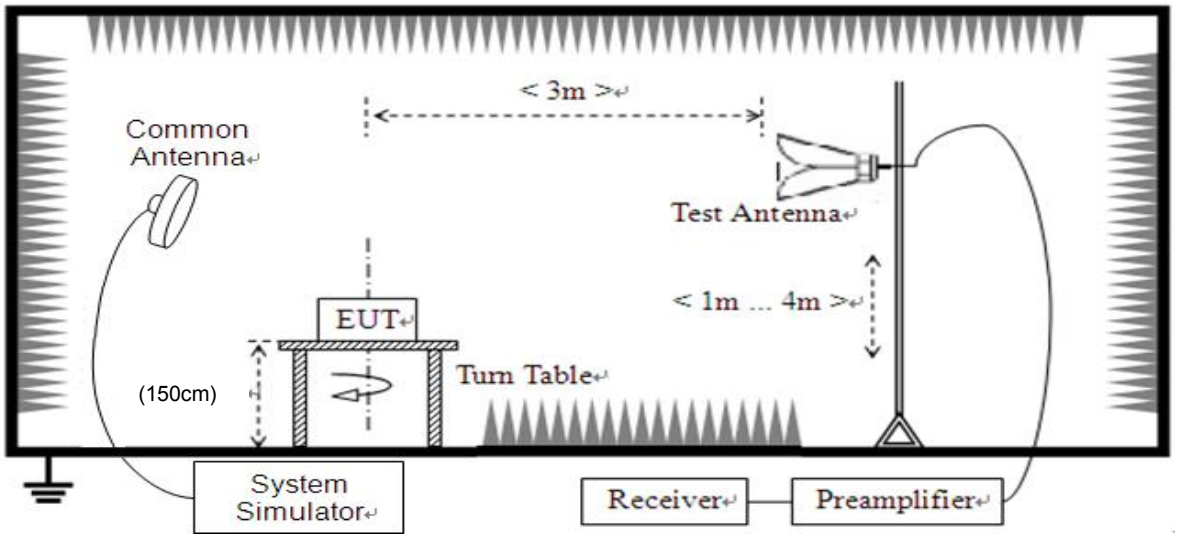
2.7.1. Requirement

1. According to FCC section22.913 (a.2) for LTE Band 5/26, the ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.
2. According to FCC section 24.232 (c) for LTE Band 2/25, 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.
3. According to FCC section 27.50 (b) for LTE Band 13, Portable stations (hand-held devices) operating in the 775-788MHz band are limited to 3watts ERP.
4. According to FCC section 27.50 (c) for LTE Band 12/17, Portable stations (hand-held devices) operating in the 704-716MHz band are limited to 3watts ERP.
5. According to FCC section 27.50 (d) for LTE Band 4/66, fixed, mobile and portable (hand-held) stations in the 1710-1780MHz band are limited to 1wat EIRP.
6. According to FCC section 27.50 (h) for LTE Band 7/41, 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



(For the test frequency from 30MHz to1GHz)



(For the test frequency above 1GHz)

The testing follows FCC KDB 971168 v03r01 and ANSI/TIA-603-E (2016).

a) Connect the equipment as illustrated. Mount the equipment with the manufacturer specified antenna in a vertical orientation on a manufacturer specified mounting surface located on a 3m Full-Anechoic Chamber.

b) Key the transmitter, then rotate the EUT 360°azimuthally and record spectrum analyzer power level (LVL) measurements at angular increments that are sufficiently small to permit resolution of all peaks. If a standard radiation test site is used, raise and lower the test antenna to obtain a maximum reading at each angular increment. (Note: several batteries may be needed to offset the effect of battery voltage droop, which should not exceed 5% of the manufactured specified battery voltage during transmission).

c) Replace the transmitter under test with a vertically polarized half-wave dipole (or an antenna whose gain is known relative to an ideal half-wave dipole). The center of the antenna should be at the same location as the center of the antenna under test.

d) Connect the antenna to a signal generator with a known output power and record the path loss (in dB) as LOSS. If a standard radiation test site is used, raise and lower the test antenna to obtain a maximum reading. LOSS = Generator Output Power (dBm) – Analyzer reading (dBm)

e) Determine the effective radiated output power at each angular position from the readings in steps b) and d) using the following equation:

ERP (dBm) = LVL (dBm) + LOSS (dB)

f) The maximum ERP is the maximum value determined in the preceding step.

g) When calculating ERP, in addition to knowing the antenna radiation and matching characteristics, it is necessary to know the loss values of all elements (e.g. transmission line attenuation, mismatches, filters, combiners) interposed between the point where transmitter output power is measured, and the point where power is applied to the antenna. ERP can then be

calculated as follows:
EIRP (dBm) = Output Power (dBm) - Losses (dB) + Antenna Gain (dBi)
ERP (dBm) = EIRP (dBm) - 2.15 (dB).

2.7.3. Test Result

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

Band	Maximum ERP/EIRP		Limit		Result
	dBm	W	dBm	W	
LTE Band 2	23.28	0.21	33	2	PASS
LTE Band 4	22.96	0.20	30	1	PASS
LTE Band 5	21.20	0.13	38.45	7	PASS
LTE Band 7	21.36	0.14	33	2	PASS
LTE Band 12	20.10	0.10	34.77	3	PASS
LTE Band 13	20.10	0.10	34.77	3	PASS
LTE Band 14	17.66	0.06	34.77	3	PASS
LTE Band 17	18.86	0.08	34.77	3	PASS
LTE Band 25	23.48	0.22	33	2	PASS
LTE Band 26	20.35	0.11	38.45	7	PASS
LTE Band 38	23.86	0.24	33	2	PASS
LTE Band 40	23.45	0.22	33	2	PASS
LTE Band 41	28.61	0.73	33	2	PASS
LTE Band 66	22.79	0.19	30	1	PASS
LTE Band 71	19.08	0.08	34.77	3	PASS

LTE Band 2						
Bandwidth	Modulation	RB	RB	Low Channel	Middle Channel	High Channel
MHz		Size	Offset	dBm	dBm	dBm
1.4	QPSK	1	0	22.76	22.99	23.04
		1	3	22.89	22.93	23.35
		1	5	22.79	22.82	23.13
		3	0	22.82	22.93	22.87
		3	1	22.92	22.92	22.92
		3	3	22.92	22.88	22.90
		6	0	21.81	21.96	22.06
	16-QAM	1	0	22.22	22.04	22.19
		1	3	22.36	21.89	22.42
		1	5	22.29	21.62	22.31
		3	0	21.72	22.00	21.89
		3	1	21.88	21.81	21.82
		3	3	21.97	21.89	21.85
		6	0	20.87	20.95	21.19
	64-QAM	1	0	22.56	22.27	22.97
		1	3	22.49	22.34	22.84
		1	5	22.42	22.36	22.59
		3	0	22.17	22.61	22.72
		3	1	22.40	22.46	22.41
		3	3	22.23	22.56	22.50
		6	0	21.19	21.49	21.51
3	QPSK	1	0	22.74	23.03	23.20
		1	8	22.78	23.04	22.93
		1	14	22.81	22.84	22.98
		8	0	21.95	22.14	22.12
		8	4	22.04	22.05	22.02
		8	7	22.01	22.04	22.03
		15	0	21.89	22.02	22.14
	16-QAM	1	0	21.91	22.52	21.65
		1	8	21.83	22.68	21.46
		1	14	21.72	22.74	21.54
		8	0	21.04	21.20	21.13

		8	4	21.03	21.16	21.01
		8	7	21.04	21.05	20.92
		15	0	20.87	20.93	20.98
	64-QAM	1	0	22.14	22.67	22.88
		1	8	22.18	22.63	22.36
		1	14	22.18	22.73	22.49
		8	0	22.15	22.33	22.78
		8	4	22.77	22.41	22.35
		8	7	22.25	22.64	22.46
		15	0	21.27	21.44	21.58
5	QPSK	1	0	22.76	23.02	22.97
		1	12	22.73	22.96	22.95
		1	24	22.66	22.75	22.88
		12	0	21.92	22.11	22.05
		12	7	21.95	22.10	22.09
		12	13	21.89	22.12	21.95
		50	0	21.97	22.09	22.08
	16-QAM	1	0	21.82	22.26	21.81
		1	12	21.62	22.23	22.05
		1	24	21.47	22.45	21.81
		12	0	20.93	20.87	21.01
		12	7	20.93	20.97	20.80
		12	13	20.91	20.89	20.79
		50	0	21.06	20.95	20.89
	64-QAM	1	0	22.28	22.29	22.60
		1	12	22.30	22.32	22.50
		1	24	22.17	22.38	22.45
		12	0	21.25	21.47	21.64
		12	7	21.38	21.47	21.45
		12	13	21.29	21.57	21.34
		50	0	21.27	21.52	21.58
10	QPSK	1	0	22.78	23.04	22.97
		1	24	22.76	23.16	22.92
		1	49	22.77	22.77	22.91
		25	0	21.84	21.97	22.03
		25	12	22.00	21.90	22.00
		25	25	21.88	22.00	21.93
		50	0	21.80	21.98	22.03

	16-QAM	1	0	21.82	22.56	22.04
		1	24	22.37	23.06	21.82
		1	49	21.75	22.72	21.43
		25	0	21.00	21.09	21.17
		25	12	21.07	21.06	21.24
		25	25	20.96	21.24	21.12
		50	0	20.75	20.90	20.98
	64-QAM	1	0	21.03	22.45	22.85
		1	24	21.56	22.81	22.82
		1	49	21.21	22.49	22.37
		25	0	21.33	21.37	21.58
		25	12	21.35	21.43	21.48
		25	25	21.34	21.58	21.43
		50	0	21.32	21.48	21.55
15	QPSK	1	0	22.77	22.88	22.78
		1	37	22.63	22.95	22.76
		1	74	22.64	22.71	22.67
		36	0	21.75	22.10	22.12
		36	20	22.11	21.90	21.86
		36	39	21.85	22.08	21.96
		75	0	21.69	21.99	22.00
	16-QAM	1	0	21.99	22.72	21.85
		1	37	21.84	22.90	21.56
		1	74	21.64	22.37	21.26
		36	0	20.68	20.87	21.14
		36	20	21.15	20.87	20.71
		36	39	20.87	21.19	20.86
		75	0	20.73	20.87	20.99
	64-QAM	1	0	20.86	22.40	22.32
		1	37	21.37	22.48	22.50
		1	74	21.16	22.32	22.33
		36	0	21.01	21.40	21.53
		36	20	21.34	21.27	21.09
		36	39	21.24	21.59	21.48
		75	0	21.14	21.43	21.48
20	QPSK	1	0	22.71	23.10	22.99
		1	49	22.95	23.28	23.06
		1	99	22.66	22.86	22.63

		50	0	21.81	22.04	22.11
		50	24	22.11	21.88	21.91
		50	50	21.93	21.99	21.93
		100	0	21.77	22.01	22.04
	16-QAM	1	0	21.85	21.46	21.82
		1	49	22.24	21.60	22.44
		1	99	21.97	21.42	21.68
		50	0	20.83	21.01	20.93
		50	24	20.90	20.96	20.86
		50	50	20.94	21.06	20.77
		100	0	20.85	21.03	21.03
	64-QAM	1	0	21.06	22.32	22.40
		1	49	21.79	22.67	22.66
		1	99	21.49	22.35	22.29
		50	0	21.13	21.33	21.47
		50	24	21.43	21.37	21.31
		50	50	21.31	21.42	21.56
		100	0	21.22	21.39	21.52

LTE Band 4						
Bandwidth	Modulation	RB	RB	Low Channel	Middle Channel	High Channel
MHz		Size	Offset	dBm	dBm	dBm
1.4	QPSK	1	0	22.63	22.74	22.42
		1	3	22.70	22.79	22.39
		1	5	22.61	22.68	22.35
		3	0	22.42	22.61	22.39
		3	1	22.48	22.44	22.59
		3	3	22.42	22.57	22.39
		6	0	21.42	21.59	21.32
	16-QAM	1	0	21.55	22.11	21.12
		1	3	21.76	22.07	21.22
		1	5	21.47	22.24	21.15
		3	0	21.57	21.75	21.37
		3	1	21.49	21.70	21.46
		3	3	21.60	21.84	21.31
		6	0	20.26	20.77	20.19
	64-QAM	1	0	22.07	22.18	21.91
		1	3	22.06	22.24	21.94
		1	5	22.07	21.94	21.73
		3	0	21.93	22.06	21.79
		3	1	21.93	22.00	22.01
		3	3	21.95	22.03	21.80
		6	0	20.93	21.28	20.81
3	QPSK	1	0	22.34	22.96	22.41
		1	8	22.26	22.55	22.55
		1	14	22.41	22.51	22.64
		8	0	21.41	21.74	21.34
		8	4	21.53	21.42	21.43
		8	7	21.39	21.68	21.36
		15	0	21.36	21.69	21.39
	16-QAM	1	0	21.74	21.82	20.82
		1	8	21.75	21.94	20.86
		1	14	21.83	21.79	20.82
		8	0	20.44	20.55	20.26
		8	4	20.16	20.22	20.20

		8	7	20.50	20.50	20.15
		15	0	20.32	20.50	20.19
	64-QAM	1	0	21.93	22.17	21.74
		1	8	21.85	22.10	20.81
		1	14	21.81	21.99	21.74
		8	0	21.89	22.14	20.81
		8	4	22.00	21.74	21.32
		8	7	21.79	22.31	21.74
		15	0	20.77	21.21	20.81
5	QPSK	1	0	22.27	22.68	22.31
		1	12	22.26	22.37	22.36
		1	24	22.36	22.26	22.24
		12	0	21.34	21.76	21.38
		12	7	21.48	21.75	21.72
		12	13	21.45	21.65	21.39
		50	0	21.48	21.69	21.34
	16-QAM	1	0	21.09	21.88	21.19
		1	12	21.09	21.99	21.10
		1	24	21.01	22.01	21.35
		12	0	20.34	20.43	20.23
		12	7	20.52	20.42	20.51
		12	13	20.35	20.54	20.24
		50	0	20.41	20.79	20.29
	64-QAM	1	0	21.72	22.05	22.05
		1	12	21.70	21.97	22.00
		1	24	21.81	21.91	21.91
		12	0	20.96	21.05	20.93
		12	7	21.09	20.96	20.83
		12	13	20.81	21.10	20.79
		50	0	20.81	21.26	20.90
10	QPSK	1	0	22.31	22.78	22.39
		1	24	22.54	22.94	22.85
		1	49	22.42	22.55	22.34
		25	0	21.56	21.69	21.48
		25	12	21.65	21.59	21.62
		25	25	21.57	21.61	21.40
		50	0	21.51	21.71	21.33
	16-QAM	1	0	21.57	22.36	21.07

		1	24	22.24	22.76	21.19
		1	49	21.39	22.02	20.87
		25	0	20.73	20.73	20.49
		25	12	20.60	20.63	20.52
		25	25	20.55	20.71	20.43
		50	0	20.51	20.58	20.26
	64-QAM	1	0	21.84	22.12	21.85
		1	24	22.11	22.20	22.24
		1	49	21.82	21.90	21.80
		25	0	20.88	21.15	20.84
		25	12	21.00	20.80	21.05
		25	25	20.94	21.16	20.76
		50	0	20.84	21.11	20.83
15	QPSK	1	0	22.42	22.70	22.49
		1	37	22.58	22.66	22.47
		1	74	22.50	22.39	22.22
		36	0	21.40	21.72	21.47
		36	20	21.70	21.55	21.65
		36	39	21.52	21.57	21.49
		75	0	21.47	21.70	21.33
	16-QAM	1	0	21.53	22.26	21.37
		1	37	21.53	22.81	21.06
		1	74	21.58	21.92	20.11
		36	0	20.42	20.59	20.36
		36	20	20.66	20.62	20.47
		36	39	20.42	20.71	20.33
		75	0	20.58	20.67	20.36
	64-QAM	1	0	21.95	22.06	21.94
		1	37	21.96	22.17	21.79
		1	74	22.11	21.94	21.70
		36	0	20.95	21.08	20.87
		36	20	20.86	20.85	20.95
		36	39	20.99	21.13	20.79
		75	0	20.94	21.11	20.88
20	QPSK	1	0	22.70	22.74	22.76
		1	49	22.59	22.70	22.50
		1	99	22.39	22.40	22.68
		50	0	21.50	21.60	21.64

		50	24	21.60	21.36	21.34
		50	50	21.61	21.53	21.28
		100	0	21.67	21.55	21.48
	16-QAM	1	0	21.88	21.23	21.60
		1	49	22.02	21.26	21.91
		1	99	21.19	20.85	21.39
		50	0	20.51	20.49	20.48
		50	24	20.50	20.45	20.40
		50	50	20.52	20.52	20.33
		100	0	20.56	20.59	20.40
	64-QAM	1	0	21.66	22.20	22.01
		1	49	22.16	22.39	22.11
		1	99	21.91	22.14	21.66
		50	0	20.93	21.07	20.98
		50	24	20.91	20.94	20.97
		50	50	21.05	21.15	20.90
		100	0	21.02	21.15	20.96

LTE Band 5						
Bandwidth	Modulation	RB	RB	Low Channel	Middle Channel	High Channel
MHz		Size	Offset	dBm	dBm	dBm
1.4	QPSK	1	0	20.79	20.82	21.02
		1	3	20.92	20.84	21.20
		1	5	20.65	20.72	21.14
		3	0	20.83	20.76	20.74
		3	1	20.74	20.71	20.79
		3	3	20.76	20.70	20.70
		6	0	19.91	19.83	19.80
	16-QAM	1	0	20.29	19.64	19.91
		1	3	20.42	19.51	20.04
		1	5	20.28	19.36	19.95
		3	0	19.99	19.77	19.93
		3	1	19.84	19.91	20.00
		3	3	20.03	19.73	19.93
		6	0	18.91	18.90	18.70
	64-QAM	1	0	20.66	20.41	20.35
		1	3	20.79	20.48	20.48
		1	5	20.70	20.27	20.40
		3	0	20.53	20.49	20.29
		3	1	20.39	20.38	20.46
		3	3	20.43	20.38	20.38
		6	0	19.45	19.44	19.46
3	QPSK	1	0	20.79	20.65	20.40
		1	8	20.68	20.71	20.65
		1	14	20.58	20.56	20.64
		8	0	19.89	19.85	19.67
		8	4	19.70	19.84	19.71
		8	7	19.83	19.90	19.75
		15	0	19.81	19.81	19.76
	16-QAM	1	0	19.93	20.30	19.50
		1	8	19.72	20.35	19.63
		1	14	19.63	20.08	19.38
		8	0	18.67	18.59	18.81
		8	4	18.64	18.73	18.66
		8	7	18.80	18.74	18.90

		15	0	18.66	18.57	18.81
	64-QAM	1	0	20.38	20.39	20.19
		1	8	20.39	20.46	20.50
		1	14	20.32	20.32	20.50
		8	0	20.43	20.37	20.38
		8	4	20.49	20.32	20.39
		8	7	20.42	20.32	20.56
		15	0	19.55	19.41	19.37
5	QPSK	1	0	20.66	20.77	20.55
		1	12	20.58	20.78	20.62
		1	24	20.61	20.57	20.67
		12	0	19.88	19.80	19.75
		12	7	19.79	19.82	19.74
		12	13	19.74	19.81	19.89
		50	0	19.80	19.73	19.77
	16-QAM	1	0	19.87	19.95	19.64
		1	12	19.62	19.87	19.67
		1	24	19.37	19.80	19.77
		12	0	18.72	18.60	18.66
		12	7	18.63	18.76	18.60
		12	13	18.65	18.51	18.80
		50	0	18.67	18.55	18.65
	64-QAM	1	0	20.25	20.20	20.40
		1	12	20.37	20.27	20.44
		1	24	20.34	20.15	20.43
		12	0	19.52	19.45	19.23
		12	7	19.25	19.26	19.47
		12	13	19.54	19.39	19.43
		50	0	19.52	19.43	19.27
10	QPSK	1	0	20.85	20.96	20.67
		1	24	20.85	21.05	21.14
		1	49	20.67	20.59	20.77
		25	0	19.92	19.88	19.98
		25	12	19.97	19.79	19.90
		25	25	19.83	19.81	19.76
		50	0	19.91	19.89	19.79
	16-QAM	1	0	19.86	20.52	19.46
		1	24	20.45	20.92	19.45

		1	49	19.65	20.25	19.18
		25	0	19.01	19.02	18.87
		25	12	18.97	18.86	18.95
		25	25	18.93	18.85	18.80
		50	0	18.86	18.72	18.77
	64-QAM	1	0	20.31	20.44	20.40
		1	24	20.70	20.64	20.77
		1	49	20.29	20.33	20.24
		25	0	19.52	19.49	19.49
		25	12	19.43	19.31	19.43
		25	25	19.53	19.47	19.24
		50	0	19.53	19.44	19.41

LTE Band 7						
Bandwidth	**Modulation**	**RB**	**RB**	**Low Channel**	**Middle Channel**	**High Channel**
MHz		**Size**	**Offset**	**dBm**	**dBm**	**dBm**
5	QPSK	1	0	20.68	21.00	21.12
		1	12	20.75	21.05	21.10
		1	24	20.63	21.06	21.12
		12	0	19.76	19.95	20.29
		12	7	19.70	19.77	20.48
		12	13	19.77	19.97	20.22
		50	0	19.77	19.94	20.28
	16-QAM	1	0	19.66	19.74	20.68
		1	12	19.78	19.84	20.63
		1	24	19.67	19.88	20.59
		12	0	19.70	19.94	20.27
		12	7	19.65	19.99	20.51
		12	13	19.71	20.05	20.19
		50	0	18.82	19.19	19.53
	64-QAM	1	0	19.74	19.84	20.68
		1	12	19.85	19.84	20.61
		1	24	19.73	19.85	20.57
		12	0	19.77	19.92	20.24
		12	7	19.75	19.90	20.15
		12	13	19.78	19.94	20.17
		50	0	19.68	19.91	20.34

10	QPSK	1	0	20.68	21.00	21.12
		1	24	20.75	21.05	21.10
		1	49	20.63	21.06	21.12
		25	0	19.76	19.95	20.29
		25	12	19.70	19.77	20.48
		25	25	19.77	19.97	20.22
		50	0	19.77	19.94	20.28
	16-QAM	1	0	20.59	20.94	21.04
		1	24	20.59	20.87	21.27
		1	49	20.55	20.90	21.19
		25	0	19.77	19.98	20.35
		25	12	19.83	20.00	20.40
		25	25	19.76	20.01	20.37
		50	0	19.70	19.97	20.29
	64-QAM	1	0	20.22	20.39	20.13
		1	24	20.25	20.36	20.42
		1	49	20.21	20.41	20.36
		25	0	19.73	19.97	20.36
		25	12	19.66	20.37	20.53
		25	25	19.72	20.00	20.37
		50	0	18.82	19.14	19.31
15	QPSK	1	0	20.64	20.81	20.96
		1	37	20.58	20.89	21.20
		1	74	20.56	20.89	21.22
		36	0	19.71	20.06	20.33
		36	20	19.59	19.77	20.01
		36	39	19.79	20.05	20.35
		75	0	19.76	20.06	20.36
	16-QAM	1	0	20.25	20.38	20.35
		1	37	20.16	20.41	20.52
		1	74	20.36	20.37	20.56
		36	0	19.77	19.96	20.23
		36	20	19.80	19.92	20.08
		36	39	19.75	20.05	20.34
		75	0	18.80	19.13	19.39
	64-QAM	1	0	20.24	20.27	20.36
		1	37	20.14	20.41	20.62
		1	74	20.33	20.36	20.57

		36	0	19.75	20.06	20.32
		36	20	19.71	19.99	20.17
		36	39	19.74	20.04	20.34
		75	0	19.71	20.05	20.35
20	QPSK	1	0	20.80	20.91	21.09
		1	49	20.77	20.99	21.16
		1	99	20.81	21.13	21.36
		50	0	19.72	19.98	20.26
		50	24	20.11	20.05	20.04
		50	50	19.77	20.47	20.37
		100	0	19.79	20.09	20.31
	16-QAM	1	0	19.54	20.30	19.96
		1	49	19.56	20.30	20.06
		1	99	19.57	20.32	20.27
		50	0	19.67	20.08	20.27
		50	24	19.78	19.91	20.10
		50	50	19.74	20.02	20.37
		100	0	18.92	19.24	19.38
	64-QAM	1	0	19.53	20.30	19.97
		1	49	19.44	20.39	20.06
		1	99	19.57	20.32	20.28
		50	0	19.77	20.06	20.28
		50	24	19.81	20.12	20.27
		50	50	19.82	20.01	20.38
		100	0	19.73	20.08	20.31

LTE Band 12						
Bandwidth	Modulation	RB	RB	Low Channel	Middle Channel	High Channel
MHz		Size	Offset	dBm	dBm	dBm
1.4	QPSK	1	0	19.27	19.64	19.67
		1	3	19.36	19.90	19.79
		1	5	19.31	19.81	19.58
		3	0	19.49	19.56	19.38
		3	1	19.36	19.40	19.50
		3	3	19.45	19.53	19.36
		6	0	18.64	18.54	18.52
	16-QAM	1	0	18.91	18.26	18.62
		1	3	19.09	18.44	18.87
		1	5	18.97	18.20	18.67
		3	0	18.79	18.61	18.64
		3	1	18.70	18.73	18.81
		3	3	18.89	18.74	18.66
		6	0	17.85	17.83	17.68
	64-QAM	1	0	18.99	18.94	18.90
		1	3	19.03	18.88	19.02
		1	5	18.96	18.80	18.86
		3	0	18.91	19.04	18.89
		3	1	18.82	18.91	18.90
		3	3	18.81	18.98	18.75
		6	0	17.70	17.97	17.87
3	QPSK	1	0	19.22	19.64	19.52
		1	8	19.48	19.52	19.34
		1	14	19.23	19.40	19.40
		8	0	18.57	18.60	18.64
		8	4	18.67	18.65	18.58
		8	7	18.58	18.67	18.58
		15	0	18.53	18.62	18.64
	16-QAM	1	0	18.57	19.28	18.19
		1	8	18.55	19.25	18.29
		1	14	18.25	19.27	18.22
		8	0	17.48	17.79	17.65
		8	4	17.71	17.65	17.51
		8	7	17.77	17.66	17.69
		15	0	17.50	17.51	17.67

	64-QAM	1	0	18.77	18.97	18.74
		1	8	18.84	18.94	18.78
		1	14	18.72	18.76	18.68
		8	0	18.75	18.74	18.73
		8	4	18.81	18.80	18.81
		8	7	18.71	18.86	18.78
		15	0	17.87	18.09	17.90
5	QPSK	1	0	19.21	19.56	19.48
		1	12	19.30	19.34	19.68
		1	24	19.35	19.21	19.31
		12	0	18.72	18.61	18.51
		12	7	18.59	18.63	18.65
		12	13	18.58	18.68	18.52
		50	0	18.65	18.62	18.55
	16-QAM	1	0	18.48	18.73	18.64
		1	12	18.42	18.85	18.60
		1	24	18.26	18.62	18.47
		12	0	17.62	17.47	17.56
		12	7	17.40	17.40	17.53
		12	13	17.58	17.38	17.66
		50	0	17.67	17.62	17.69
	64-QAM	1	0	18.65	18.84	18.88
		1	12	18.79	18.94	18.89
		1	24	18.72	18.68	18.47
		12	0	17.90	17.99	17.80
		12	7	17.98	17.84	17.88
		12	13	17.86	17.97	17.86
		50	0	17.85	17.93	17.88
10	QPSK	1	0	19.33	19.55	19.38
		1	24	19.67	19.92	20.10
		1	49	19.33	19.39	19.29
		25	0	18.59	18.64	18.78
		25	12	18.66	18.77	18.63
		25	25	18.56	18.67	18.61
		50	0	18.66	18.66	18.66
	16-QAM	1	0	18.66	19.20	18.12
		1	24	19.34	19.69	18.40
		1	49	18.62	19.23	17.87

		25	0	17.78	17.77	17.78
		25	12	17.74	17.66	17.72
		25	25	17.74	17.69	17.64
		50	0	17.66	17.62	17.67
	64-QAM	1	0	18.52	18.70	18.86
		1	24	18.88	19.20	19.22
		1	49	18.74	18.67	18.61
		25	0	17.85	18.00	18.05
		25	12	17.92	17.99	17.94
		25	25	17.94	17.93	17.93
		50	0	17.83	17.92	18.01

LTE Band 13						
Bandwidth	Modulation	RB	RB	Measured ERP		
				Low Channel	Middle Channel	High Channel
MHz		Size	Offset	dBm	dBm	dBm
5	QPSK	1	0	19.98	19.60	19.66
		1	12	19.70	19.70	19.67
		1	24	19.77	19.50	19.66
		12	0	19.01	18.85	18.97
		12	7	18.98	18.91	18.98
		12	13	18.96	18.97	18.84
		50	0	19.01	18.90	18.98
	16-QAM	1	0	19.05	18.74	18.80
		1	12	19.17	18.79	18.80
		1	24	19.09	18.70	18.54
		12	0	17.85	17.91	17.87
		12	7	17.84	17.79	17.82
		12	13	17.85	17.92	17.74
		50	0	17.89	17.82	18.04
	64QAM	1	0	18.96	19.21	19.17
		1	12	19.12	19.34	19.16
		1	24	19.06	19.03	19.19
		12	0	18.27	18.29	18.47
		12	7	18.38	18.44	18.39
		12	13	18.31	18.35	18.36
		50	0	18.25	18.27	18.42
10	QPSK	1	0	/	19.92	/
		1	24	/	20.10	/
		1	49	/	19.64	/
		25	0	/	19.02	/
		25	12	/	18.96	/
		25	25	/	18.93	/
		50	0	/	18.97	/
	16-QAM	1	0	/	18.95	/
		1	24	/	19.38	/
		1	49	/	18.75	/
		25	0	/	18.12	/
		25	12	/	18.12	/
		25	25	/	18.12	/

		50	0	/	17.99	/
	64QAM	1	0	/	18.94	/
		1	24	/	19.46	/
		1	49	/	19.20	/
		25	0	/	18.28	/
		25	12	/	18.31	/
		25	25	/	18.33	/
		50	0	/	18.35	/

LTE Band 14						
Bandwidth	Modulation	RB	RB	Measured ERP		
				Low Channel	Middle Channel	High Channel
MHz		Size	Offset	dBm	dBm	dBm
5	QPSK	1	0	17.50	17.51	17.56
		1	12	17.57	17.53	17.55
		1	24	17.48	17.40	17.45
		12	0	16.79	16.79	16.70
		12	7	16.86	16.81	17.60
		12	13	16.78	16.65	16.77
		50	0	16.80	16.73	16.77
	16-QAM	1	0	16.56	17.11	16.85
		1	12	16.65	17.19	16.89
		1	24	16.56	16.98	16.73
		12	0	16.86	16.77	16.79
		12	7	17.19	17.07	16.89
		12	13	16.74	16.73	16.76
		50	0	15.97	15.89	15.88
	64QAM	1	0	16.54	17.11	16.86
		1	12	16.62	17.18	16.88
		1	24	16.54	17.06	16.61
		12	0	16.83	16.75	16.79
		12	7	16.78	16.76	16.80
		12	13	16.82	16.71	16.87
		50	0	16.74	16.70	16.74
10	QPSK	1	0	/	17.66	/
		1	24	/	17.63	/
		1	49	/	17.54	/
		25	0	/	17.17	/

		25	12	/	16.90	/
		25	25	/	16.72	/
		50	0	/	16.79	/
	16-QAM	1	0	/	17.21	/
		1	24	/	17.18	/
		1	49	/	17.19	/
		25	0	/	16.76	/
		25	12	/	16.73	/
		25	25	/	16.71	/
		50	0	/	15.78	/
	64QAM	1	0	/	17.22	/
		1	24	/	17.18	/
		1	49	/	17.19	/
		25	0	/	16.76	/
		25	12	/	16.78	/
		25	25	/	16.70	/
		50	0	/	15.65	/

LTE Band 17						
Bandwidth	Modulation	RB	RB	Measured ERP		
				Low Channel	Middle Channel	High Channel
MHz		Size	Offset	dBm	dBm	dBm
5	QPSK	1	0	18.79	18.58	18.74
		1	12	18.60	18.62	18.69
		1	24	18.86	18.57	18.58
		12	0	17.80	17.70	17.71
		12	7	17.76	17.75	17.72
		12	13	17.90	17.69	17.61
		50	0	17.78	17.69	17.55
	16-QAM	1	0	17.60	18.17	17.81
		1	12	17.80	18.17	17.79
		1	24	17.64	18.14	17.59
		12	0	17.79	17.70	17.72
		12	7	17.65	17.64	17.66
		12	13	17.77	17.69	17.61
		50	0	17.09	16.86	16.78
	64QAM	1	0	17.61	18.07	17.82
		1	12	17.80	18.17	17.80

		1	24	17.64	18.13	17.59
		12	0	17.79	17.69	17.72
		12	7	17.76	17.75	17.70
		12	13	17.89	17.67	17.61
		50	0	17.76	17.67	17.54
10	QPSK	1	0	18.62	18.74	18.65
		1	24	18.62	18.60	18.63
		1	49	18.53	18.48	18.48
		25	0	17.70	17.71	17.71
		25	12	17.70	17.66	17.75
		25	25	17.61	17.62	17.65
		50	0	17.69	17.59	17.65
	16-QAM	1	0	18.39	18.21	17.91
		1	24	18.33	18.15	17.89
		1	49	18.24	18.01	17.64
		25	0	17.80	17.73	17.73
		25	12	17.64	17.66	17.62
		25	25	17.60	17.62	17.55
		50	0	16.75	16.81	16.69
	64QAM	1	0	18.39	18.23	17.93
		1	24	18.33	18.05	17.91
		1	49	18.25	18.01	17.64
		25	0	17.79	17.73	17.73
		25	12	17.76	17.71	17.65
		25	25	17.70	17.62	17.66
		50	0	17.67	17.69	17.65

LTE Band 25						
Bandwidth	**Modulation**	**RB**	**RB**	**Low Channel**	**Middle Channel**	**High Channel**
MHz		**Size**	**Offset**	**dBm**	**dBm**	**dBm**
1.4	QPSK	1	0	23.03	23.20	22.74
		1	3	23.11	23.25	22.63
		1	5	23.00	23.15	22.52
		3	0	22.77	23.03	22.67
		3	1	22.49	22.54	23.08
		3	3	22.87	23.14	22.48
		6	0	21.71	21.92	21.41
	16-QAM	1	0	21.86	22.39	21.56

		1	3	22.00	22.57	21.26
		1	5	21.89	22.49	21.13
		3	0	21.75	22.24	21.46
		3	1	22.12	21.78	21.69
		3	3	21.89	22.22	21.31
		6	0	20.66	20.91	20.40
	64-QAM	1	0	21.93	21.66	22.23
		1	3	21.98	21.95	22.25
		1	5	21.93	21.82	22.23
		3	0	21.42	21.83	21.80
		3	1	21.44	21.80	21.52
		3	3	21.48	21.84	21.73
		6	0	20.54	20.90	20.76
3	QPSK	1	0	22.76	23.06	22.76
		1	8	22.73	22.83	22.70
		1	14	22.82	22.72	22.72
		8	0	21.66	21.97	21.85
		8	4	21.67	22.00	21.61
		8	7	21.78	22.03	21.57
		15	0	21.69	22.03	21.69
	16-QAM	1	0	21.68	22.69	21.79
		1	8	21.60	22.92	21.28
		1	14	21.49	22.80	21.12
		8	0	20.52	21.18	20.68
		8	4	20.97	20.73	20.90
		8	7	20.74	21.26	20.50
		15	0	20.61	21.16	20.62
	64-QAM	1	0	21.68	21.78	22.28
		1	8	21.55	22.02	22.08
		1	14	21.47	21.76	21.85
		8	0	21.57	21.78	22.12
		8	4	21.50	21.82	21.76
		8	7	21.38	21.85	21.93
		15	0	20.57	20.90	21.11
5	QPSK	1	0	22.62	23.17	22.58
		1	12	22.75	22.87	22.72
		1	24	22.59	22.68	22.78
		12	0	21.66	21.97	21.73

		12	7	21.62	21.69	21.90
		12	13	21.79	22.10	21.56
		50	0	21.59	22.01	21.73
	16-QAM	1	0	21.63	22.25	21.59
		1	12	21.61	22.09	21.61
		1	24	21.44	22.30	21.42
		12	0	20.50	20.67	20.79
		12	7	20.51	20.44	20.44
		12	13	20.65	20.82	20.42
		50	0	20.65	20.81	20.65
	64-QAM	1	0	21.36	21.69	21.82
		1	12	21.46	21.94	21.77
		1	24	21.71	21.64	21.79
		12	0	20.38	20.82	20.94
		12	7	20.59	20.40	20.43
		12	13	20.61	20.87	21.04
		50	0	20.42	20.89	20.89
10	QPSK	1	0	22.97	22.87	23.01
		1	24	22.74	23.32	22.96
		1	49	22.59	22.68	23.02
		25	0	21.77	21.85	21.80
		25	12	22.00	21.82	21.84
		25	25	21.74	22.02	21.64
		50	0	21.61	21.98	21.76
	16-QAM	1	0	21.85	21.95	21.83
		1	24	22.21	23.08	21.49
		1	49	21.73	22.17	21.04
		25	0	20.67	20.90	20.85
		25	12	20.79	20.98	20.77
		25	25	20.81	21.07	20.67
		50	0	20.54	20.82	20.88
	64-QAM	1	0	21.52	21.54	21.99
		1	24	21.79	22.06	21.94
		1	49	21.38	21.83	22.42
		25	0	20.43	20.80	20.79
		25	12	20.49	20.67	20.46
		25	25	20.53	20.98	20.84
		50	0	20.35	20.91	20.98

15	QPSK	1	0	22.75	22.74	22.82
		1	37	22.67	23.17	22.85
		1	74	22.61	22.59	22.53
		36	0	21.63	21.90	21.95
		36	20	21.79	21.73	21.83
		36	39	21.61	21.74	21.66
		75	0	21.56	21.78	21.80
	16-QAM	1	0	21.86	22.30	21.59
		1	37	22.43	23.13	21.49
		1	74	21.64	22.21	20.66
		36	0	20.59	20.82	20.70
		36	20	20.63	20.72	20.64
		36	39	20.66	20.78	20.61
		75	0	20.62	20.81	20.82
	64-QAM	1	0	21.46	21.51	21.95
		1	37	21.57	21.98	21.85
		1	74	21.51	21.64	21.95
		36	0	20.44	20.87	20.99
		36	20	20.58	20.78	20.47
		36	39	20.42	20.94	20.82
		75	0	20.44	20.88	21.01
20	QPSK	1	0	22.76	22.88	23.18
		1	49	22.97	23.48	22.64
		1	99	22.43	23.16	22.49
		50	0	21.62	21.82	21.76
		50	24	21.84	21.66	21.67
		50	50	21.86	21.86	21.54
		100	0	21.70	21.66	21.80
	16-QAM	1	0	21.76	21.66	21.93
		1	49	22.45	21.72	21.62
		1	99	21.34	20.83	21.12
		50	0	20.75	20.89	20.92
		50	24	20.79	20.68	20.87
		50	50	20.93	20.86	20.51
		100	0	20.61	20.78	20.82
	64-QAM	1	0	21.34	21.76	22.20
		1	49	21.88	22.28	21.58
		1	99	21.38	21.92	22.10

		50	0	20.55	20.76	20.95
		50	24	20.66	20.57	20.94
		50	50	20.56	20.93	20.78
		100	0	20.53	20.92	20.80

LTE Band 26						
Bandwidth	**Modulation**	**RB**	**RB**	**Low Channel**	**Middle Channel**	**High Channel**
MHz		**Size**	**Offset**	**dBm**	**dBm**	**dBm**
1.4	QPSK	1	0	20.37	20.22	19.94
		1	3	20.43	20.33	20.06
		1	5	20.32	20.29	19.97
		3	0	20.41	20.13	20.07
		3	1	20.30	20.20	20.25
		3	3	20.28	20.15	20.14
		6	0	19.33	19.10	19.25
	16-QAM	1	0	19.45	19.39	19.72
		1	3	19.11	19.63	19.95
		1	5	18.96	19.50	19.89
		3	0	19.35	19.32	19.22
		3	1	19.32	19.28	19.25
		3	3	19.33	19.37	19.22
		6	0	18.18	17.99	18.36
	64-QAM	1	0	19.84	19.54	19.68
		1	3	19.93	19.57	19.79
		1	5	19.82	19.43	19.71
		3	0	19.65	19.52	19.59
		3	1	19.61	19.53	19.54
		3	3	19.65	19.54	19.56
		6	0	18.75	18.75	18.66
3	QPSK	1	0	20.12	20.08	20.05
		1	8	20.29	20.18	19.97
		1	14	20.20	20.10	20.08
		8	0	19.39	19.34	19.34
		8	4	19.32	19.29	19.26
		8	7	19.35	19.31	19.21
		15	0	19.36	19.27	19.30
	16-QAM	1	0	19.40	19.67	19.05
		1	8	19.30	19.78	18.72

		1	14	19.24	19.88	18.70
		8	0	18.45	18.45	18.18
		8	4	18.34	18.23	18.28
		8	7	18.41	18.43	18.16
		15	0	18.30	18.22	18.29
	64-QAM	1	0	19.54	19.68	19.64
		1	8	19.65	19.78	19.49
		1	14	19.47	19.73	19.47
		8	0	19.53	19.66	19.75
		8	4	19.75	19.47	19.50
		8	7	19.71	19.59	19.42
		15	0	18.78	18.71	18.68
5	QPSK	1	0	20.19	20.02	20.13
		1	12	20.34	20.20	20.08
		1	24	20.31	20.00	19.94
		12	0	19.43	19.22	19.35
		12	7	19.43	19.40	19.35
		12	13	19.38	19.30	19.14
		50	0	19.39	19.19	19.31
	16-QAM	1	0	19.22	19.31	19.05
		1	12	19.27	19.41	19.04
		1	24	18.94	19.34	19.01
		12	0	18.34	18.03	18.35
		12	7	18.05	18.24	18.24
		12	13	18.19	18.12	18.01
		50	0	18.45	18.12	18.28
	64-QAM	1	0	19.44	19.46	19.51
		1	12	19.54	19.48	19.43
		1	24	19.52	19.34	19.36
		12	0	18.73	18.70	18.74
		12	7	18.71	18.76	18.69
		12	13	18.79	18.73	18.59
		50	0	18.80	18.75	18.69
10	QPSK	1	0	20.23	20.28	20.05
		1	24	20.44	20.33	20.34
		1	49	20.12	20.17	20.23
		25	0	19.41	19.33	19.45
		25	12	19.24	19.33	19.27

		25	25	19.36	19.35	19.22
		50	0	19.47	19.24	19.36
	16-QAM	1	0	19.41	19.87	19.13
		1	24	20.04	20.31	19.78
		1	49	19.23	19.83	18.84
		25	0	18.49	18.38	18.38
		25	12	18.15	18.49	18.12
		25	25	18.46	18.40	18.11
		50	0	18.29	18.26	18.32
	64-QAM	1	0	19.50	19.49	19.43
		1	24	19.78	19.86	19.85
		1	49	19.51	19.51	19.55
		25	0	18.76	18.68	18.81
		25	12	18.84	18.79	18.70
		25	25	18.84	18.68	18.62
		50	0	18.78	18.69	18.72
15	QPSK	1	0	20.23	20.20	20.14
		1	37	20.23	20.27	20.30
		1	74	20.07	19.99	20.04
		36	0	19.44	19.32	19.36
		36	20	19.32	19.28	19.07
		36	39	19.32	19.41	19.06
		75	0	19.23	19.35	19.21
	16-QAM	1	0	19.50	19.67	19.04
		1	37	20.10	20.33	18.82
		1	74	19.20	19.71	18.21
		36	0	18.41	18.27	18.25
		36	20	18.15	18.36	18.12
		36	39	18.30	18.25	18.03
		75	0	18.29	18.32	18.17
	64-QAM	1	0	19.51	19.30	19.35
		1	37	19.74	19.79	19.59
		1	74	19.42	19.39	19.40
		36	0	18.62	18.71	18.73
		36	20	18.67	18.65	18.69
		36	39	18.69	18.79	18.66
		75	0	18.61	18.76	18.68

LTE Band 38						
Bandwidth	Modulation	RB	RB	Low Channel	Middle Channel	High Channel
MHz		Size	Offset	dBm	dBm	dBm
5	QPSK	1	0	23.51	23.56	23.60
		1	12	23.60	23.49	23.73
		1	24	23.65	23.52	23.68
		12	0	23.58	23.53	23.56
		12	7	23.53	23.41	23.52
		12	13	23.64	23.39	23.66
		50	0	22.66	22.42	22.80
	16-QAM	1	0	22.93	22.47	22.45
		1	12	23.04	22.54	22.66
		1	24	23.09	22.55	22.62
		12	0	22.94	22.47	22.46
		12	7	23.15	22.41	22.48
		12	13	23.10	22.45	22.52
		50	0	21.81	21.50	21.98
	64-QAM	1	0	23.04	22.46	22.46
		1	12	23.05	22.53	22.57
		1	24	23.00	22.45	22.54
		12	0	23.05	22.46	22.47
		12	7	23.07	22.75	22.43
		12	13	23.01	22.55	22.54
		50	0	21.81	21.49	21.89
10	QPSK	1	0	23.84	23.42	23.71
		1	24	23.86	23.34	23.65
		1	49	23.84	23.55	23.80
		25	0	22.77	22.33	22.82
		25	12	22.73	22.32	22.78
		25	25	22.83	22.44	22.84
		50	0	22.90	22.37	22.77
	16-QAM	1	0	23.31	22.96	22.86
		1	24	23.34	22.91	22.82
		1	49	23.43	23.01	22.86
		25	0	22.77	22.46	22.81
		25	12	22.73	22.42	22.51
		25	25	22.83	22.45	22.83

		50	0	21.95	21.56	21.76
	64-QAM	1	0	23.32	22.87	22.75
		1	24	23.35	22.82	22.79
		1	49	23.44	23.02	22.83
		25	0	22.77	22.34	22.78
		25	12	22.81	22.41	22.72
		25	25	22.83	22.46	22.80
		50	0	22.80	22.39	22.84
15	QPSK	1	0	22.71	23.51	23.56
		1	37	22.84	23.60	23.49
		1	74	22.79	23.65	23.52
		36	0	22.67	23.58	23.53
		36	20	22.66	23.53	23.57
		36	39	22.77	23.64	23.39
		75	0	21.91	22.66	22.42
	16-QAM	1	0	21.56	22.93	22.47
		1	37	21.77	23.04	22.54
		1	74	21.73	23.09	22.55
		36	0	21.57	22.94	22.47
		36	20	21.59	23.03	22.95
		36	39	21.63	23.10	22.45
		75	0	21.09	21.81	21.50
	64-QAM	1	0	21.57	23.04	22.46
		1	37	21.68	23.05	22.53
		1	74	21.65	23.00	22.45
		36	0	21.58	23.05	22.46
		36	20	21.52	23.05	22.44
		36	39	21.65	23.01	22.55
		75	0	21.00	21.81	21.49
20	QPSK	1	0	22.55	23.63	23.44
		1	49	22.78	23.64	23.53
		1	99	22.82	23.34	23.63
		50	0	21.80	22.82	22.44
		50	24	21.62	22.63	22.74
		50	50	21.87	22.54	22.50
		100	0	21.87	22.77	22.50
	16-QAM	1	0	21.68	22.62	22.79
		1	49	21.81	22.47	22.69

		1	99	21.79	22.29	22.79
		50	0	20.90	21.96	21.59
		50	24	20.84	21.89	21.63
		50	50	20.99	21.76	21.75
		100	0	20.94	21.82	21.56
	64-QAM	1	0	21.70	22.60	22.71
		1	49	21.83	22.45	22.60
		1	99	21.80	22.27	22.80
		50	0	20.90	21.93	21.49
		50	24	20.98	21.95	22.43
		50	50	20.98	21.75	21.66
		100	0	20.92	21.80	21.58

LTE Band 40						
Bandwidth	**Modulation**	**RB**	**RB**	**Low Channel**	**Middle Channel**	**High Channel**
MHz		**Size**	**Offset**	**dBm**	**dBm**	**dBm**
5	QPSK	1	0	23.00	23.28	22.99
		1	12	23.18	23.28	23.02
		1	24	23.18	23.03	22.99
		12	0	22.22	22.41	22.44
		12	7	22.21	22.33	22.37
		12	13	22.38	22.20	22.29
		50	0	22.30	22.35	22.06
	16-QAM	1	0	22.47	22.62	22.03
		1	12	22.57	22.66	21.98
		1	24	22.58	22.29	21.80
		12	0	21.07	21.17	21.29
		12	7	20.96	21.07	21.14
		12	13	21.15	21.06	20.85
		50	0	21.13	21.31	21.02
	64-QAM	1	0	22.17	22.66	22.85
		1	12	22.12	22.67	22.96
		1	24	22.02	22.49	22.88
		12	0	21.99	22.66	22.73
		12	7	21.89	22.57	22.69
		12	13	22.05	22.55	23.04
		50	0	21.25	21.86	21.87

10	QPSK	1	0	23.24	23.45	23.15
		1	24	23.36	23.40	23.01
		1	49	23.18	23.29	22.91
		25	0	22.38	22.47	22.10
		25	12	22.27	22.40	22.00
		25	25	22.33	22.33	22.20
		50	0	22.46	22.35	22.07
	16-QAM	1	0	22.13	22.88	22.28
		1	24	22.65	23.19	22.53
		1	49	22.40	22.85	22.25
		25	0	21.19	21.50	21.32
		25	12	21.04	21.47	21.26
		25	25	21.29	21.36	21.23
		50	0	21.22	21.24	21.09
	64-QAM	1	0	22.18	22.85	23.07
		1	24	22.36	23.02	22.97
		1	49	22.43	22.69	22.99
		25	0	21.25	21.88	21.94
		25	12	21.14	21.78	21.87
		25	25	21.43	21.83	22.19
		50	0	21.32	21.93	22.00
15	QPSK	1	0	23.06	23.07	23.16
		1	37	23.28	23.36	23.21
		1	74	23.13	23.22	22.84
		36	0	22.19	22.42	22.15
		36	20	22.06	22.37	22.05
		36	39	22.27	22.23	22.09
		75	0	22.11	22.33	22.04
	16-QAM	1	0	22.16	22.58	22.05
		1	37	22.12	22.43	21.84
		1	74	22.11	23.00	21.84
		36	0	21.11	21.43	20.98
		36	20	21.04	21.40	20.82
		36	39	21.21	21.36	21.12
		75	0	21.15	21.35	21.17
	64-QAM	1	0	21.96	22.90	22.91
		1	37	22.29	22.89	22.80
		1	74	22.23	22.52	23.02

		36	0	21.08	21.95	21.89
		36	20	20.97	21.84	21.89
		36	39	21.24	21.82	21.93
		75	0	21.20	21.89	21.90
20	QPSK	1	0	22.76	23.39	22.99
		1	49	23.14	23.40	23.34
		1	99	22.92	23.39	23.18
		50	0	22.18	22.45	22.48
		50	24	22.13	22.24	22.38
		50	50	22.28	22.34	22.03
		100	0	22.11	22.39	22.00
	16-QAM	1	0	22.45	22.14	21.97
		1	49	22.68	22.15	22.12
		1	99	22.21	22.07	21.82
		50	0	21.46	21.43	21.06
		50	24	21.37	21.24	21.34
		50	50	21.32	21.23	21.00
		100	0	21.32	21.32	21.06
	64-QAM	1	0	21.83	22.82	23.33
		1	49	22.49	23.26	23.15
		1	99	21.97	22.61	23.06
		50	0	21.13	21.91	21.93
		50	24	21.04	21.81	21.90
		50	50	21.32	21.83	21.99
		100	0	21.17	21.85	21.96

LTE Band 41						
Bandwidth	**Modulation**	**RB**	**RB**	**Low Channel**	**Middle Channel**	**High Channel**
MHz		**Size**	**Offset**	**dBm**	**dBm**	**dBm**
5	QPSK	1	0	26.67	25.91	26.85
		1	12	26.79	26.20	26.94
		1	24	26.95	26.16	26.76
		12	0	26.62	25.97	26.89
		12	7	26.85	26.03	26.92
		12	13	26.94	26.04	26.85
		50	0	25.93	25.11	25.77
	16-QAM	1	0	25.43	25.43	25.93

		1	12	25.70	25.52	26.00
		1	24	25.68	25.50	25.91
		12	0	25.62	25.53	25.82
		12	7	25.60	25.89	25.79
		12	13	25.80	25.50	25.91
		50	0	25.10	24.23	24.86
	64-QAM	1	0	25.52	25.33	25.83
		1	12	25.79	25.52	25.88
		1	24	25.66	25.50	25.80
		12	0	25.41	25.32	25.91
		12	7	25.42	25.55	25.90
		12	13	25.66	25.49	25.80
		50	0	25.08	24.23	24.86
10	QPSK	1	0	26.92	26.11	27.36
		1	24	27.02	26.02	26.72
		1	49	27.16	26.24	27.37
		25	0	25.93	25.01	25.99
		25	12	25.99	25.02	25.97
		25	25	26.06	25.06	26.01
		50	0	26.03	24.98	26.05
	16-QAM	1	0	26.52	25.54	26.59
		1	24	26.66	25.48	25.98
		1	49	26.81	25.70	26.42
		25	0	25.89	24.91	25.98
		25	12	25.89	24.87	25.98
		25	25	26.23	25.05	26.10
		50	0	25.15	24.15	25.05
	64-QAM	1	0	26.50	25.55	26.59
		1	24	26.64	25.59	26.08
		1	49	26.88	25.60	26.60
		25	0	25.97	25.02	25.98
		25	12	25.96	25.08	25.99
		25	25	26.10	25.07	25.99
		50	0	26.07	24.97	26.03
15	QPSK	1	0	27.04	26.25	26.80
		1	37	27.19	26.07	26.68
		1	74	27.37	26.09	26.63
		36	0	25.98	25.02	25.92

		36	20	25.99	24.92	25.96
		36	39	26.28	25.18	25.85
		75	0	26.06	25.20	25.95
	16-QAM	1	0	26.52	25.69	26.14
		1	37	26.72	25.53	26.19
		1	74	26.85	25.66	26.11
		36	0	24.98	24.14	24.95
		36	20	24.99	24.19	24.98
		36	39	25.21	24.19	24.99
		75	0	25.21	24.30	24.97
	64-QAM	1	0	26.50	25.71	26.15
		1	37	26.81	25.64	26.15
		1	74	26.93	25.57	26.10
		36	0	24.96	24.14	25.05
		36	20	24.92	24.17	25.12
		36	39	25.19	24.20	24.99
		75	0	25.20	24.19	24.97
20	QPSK	1	0	26.79	26.26	28.45
		1	49	27.02	26.08	26.87
		1	99	27.11	26.31	28.61
		50	0	25.98	25.12	25.96
		50	24	25.95	25.19	25.85
		50	50	26.23	25.16	26.00
		100	0	26.13	25.12	25.97
	16-QAM	1	0	25.71	25.40	27.54
		1	49	26.00	25.34	25.84
		1	99	26.12	25.46	27.64
		50	0	25.27	24.26	25.04
		50	24	25.42	24.36	25.12
		50	50	25.45	24.41	25.10
		100	0	25.28	24.28	25.23
	64-QAM	1	0	25.71	25.42	26.86
		1	49	25.99	25.34	25.94
		1	99	26.11	25.46	25.95
		50	0	25.16	24.26	25.24
		50	24	25.22	24.62	25.42
		50	50	25.33	24.30	25.09
		100	0	25.26	24.18	25.02

LTE Band 66						
Bandwidth	Modulation	RB	RB	Low Channel	Middle Channel	High Channel
MHz		Size	Offset	dBm	dBm	dBm
1.4	QPSK	1	0	22.72	22.33	22.22
		1	3	22.79	22.30	22.20
		1	5	22.68	22.26	22.16
		3	0	22.40	22.32	22.24
		3	1	22.26	22.35	22.38
		3	3	22.40	22.46	22.26
		6	0	21.46	21.47	21.25
	16-QAM	1	0	21.32	22.10	21.14
		1	3	21.54	22.15	21.13
		1	5	21.46	22.03	20.84
		3	0	21.56	21.74	21.42
		3	1	21.24	21.66	21.55
		3	3	21.59	21.71	21.16
		6	0	20.31	20.63	20.00
	64-QAM	1	0	21.79	21.52	21.66
		1	3	21.88	21.64	21.75
		1	5	21.87	21.51	21.71
		3	0	21.64	21.62	21.68
		3	1	21.67	21.66	21.63
		3	3	21.62	21.62	21.58
		6	0	20.71	20.74	20.65
3	QPSK	1	0	22.27	22.50	22.09
		1	8	22.37	22.45	22.35
		1	14	22.32	22.39	22.18
		8	0	21.39	21.56	21.20
		8	4	21.39	21.44	21.35
		8	7	21.44	21.47	21.35
		15	0	21.41	21.49	21.26
	16-QAM	1	0	21.53	21.88	21.06
		1	8	21.34	21.85	21.07
		1	14	21.31	21.86	21.14
		8	0	20.21	20.78	20.32
		8	4	20.32	20.66	20.49

		8	7	20.52	20.62	20.35
		15	0	20.38	20.31	20.26
	64-QAM	1	0	21.54	21.61	21.69
		1	8	21.56	21.62	21.41
		1	14	21.46	21.56	21.51
		8	0	21.53	21.51	21.70
		8	4	21.54	21.63	21.44
		8	7	21.48	21.43	21.43
		15	0	20.70	20.63	20.70
5	QPSK	1	0	22.31	22.53	22.19
		1	12	22.27	22.47	22.32
		1	24	22.28	22.29	22.32
		12	0	21.40	21.56	21.15
		12	7	21.17	21.53	21.41
		12	13	21.51	21.41	21.25
		50	0	21.44	21.47	21.24
	16-QAM	1	0	20.97	21.59	21.19
		1	12	21.03	21.60	21.15
		1	24	21.03	21.52	21.20
		12	0	20.41	20.37	20.29
		12	7	20.40	20.43	20.30
		12	13	20.51	20.21	20.40
		50	0	20.35	20.41	20.24
	64-QAM	1	0	21.48	21.36	21.49
		1	12	21.53	21.54	21.40
		1	24	21.52	21.38	21.35
		12	0	20.66	20.69	20.71
		12	7	20.72	20.71	20.55
		12	13	20.73	20.67	20.54
		50	0	20.73	20.69	20.63
10	QPSK	1	0	22.40	22.63	22.35
		1	24	22.54	22.64	22.71
		1	49	22.40	22.40	22.28
		25	0	21.38	21.59	21.30
		25	12	21.51	21.32	21.43
		25	25	21.53	21.38	21.31
		50	0	21.44	21.54	21.25
	16-QAM	1	0	21.55	22.11	20.93

		1	24	22.13	22.65	21.54
		1	49	21.60	22.12	21.10
		25	0	20.44	20.73	20.37
		25	12	20.44	20.42	20.54
		25	25	20.70	20.42	20.50
		50	0	20.53	20.53	20.33
	64-QAM	1	0	21.49	21.56	21.41
		1	24	21.73	21.94	21.89
		1	49	21.47	21.44	21.58
		25	0	20.70	20.67	20.70
		25	12	20.79	20.77	20.64
		25	25	20.81	20.65	20.55
		50	0	20.75	20.76	20.67
15	QPSK	1	0	22.40	22.61	22.27
		1	37	22.46	22.58	22.24
		1	74	22.47	22.34	22.09
		36	0	21.43	21.56	21.33
		36	20	21.60	21.49	21.36
		36	39	21.62	21.41	21.35
		75	0	21.40	21.57	21.28
	16-QAM	1	0	21.68	22.16	21.21
		1	37	22.35	21.96	21.10
		1	74	21.66	21.97	20.54
		36	0	20.42	20.62	20.31
		36	20	20.59	20.46	20.52
		36	39	20.53	20.21	20.33
		75	0	20.38	20.49	20.38
	64-QAM	1	0	21.54	21.39	21.38
		1	37	21.84	21.68	21.56
		1	74	21.39	21.33	21.31
		36	0	20.59	20.67	20.78
		36	20	20.76	20.76	20.64
		36	39	20.66	20.73	20.62
		75	0	20.58	20.72	20.65
20	QPSK	1	0	22.10	22.69	22.51
		1	49	22.77	22.77	22.58
		1	99	22.15	22.62	22.10
		50	0	21.43	21.53	21.41

		50	24	21.33	21.53	21.52
		50	50	21.60	21.43	21.32
		100	0	21.47	21.59	21.29
	16-QAM	1	0	21.69	21.26	21.32
		1	49	22.12	21.09	21.87
		1	99	21.66	20.89	21.06
		50	0	20.54	20.68	20.40
		50	24	20.61	20.60	20.55
		50	50	20.65	20.41	20.34
		100	0	20.47	20.62	20.30
	64-QAM	1	0	21.64	21.49	21.48
		1	49	21.94	21.78	21.66
		1	99	21.49	21.43	21.41
		50	0	20.69	20.77	20.88
		50	24	20.83	20.73	20.78
		50	50	20.76	20.83	20.72
		100	0	20.68	20.82	20.75

LTE Band 71						
Bandwidth	**Modulation**	**RB**	**RB**	**Low Channel**	**Middle Channel**	**High Channel**
MHz		**Size**	**Offset**	**dBm**	**dBm**	**dBm**
5	QPSK	1	0	18.80	18.87	18.74
		1	12	18.84	18.85	18.82
		1	24	18.58	18.64	18.72
		12	0	17.69	17.80	17.76
		12	7	17.81	17.75	17.74
		12	13	17.73	17.85	17.77
		50	0	17.57	17.81	17.75
	16-QAM	1	0	18.67	18.78	18.65
		1	12	18.64	18.69	18.59
		1	24	18.45	18.48	18.53
		12	0	17.65	17.77	17.68
		12	7	17.71	17.70	17.72
		12	13	17.73	17.75	17.67
		50	0	17.58	17.67	17.46
	64-QAM	1	0	18.27	18.50	18.54
		1	12	18.18	18.42	18.53
		1	24	18.03	18.44	18.53

		12	0	17.30	17.86	17.66
		12	7	17.50	17.31	17.81
		12	13	17.67	17.69	17.62
		50	0	17.53	17.41	18.01
10	QPSK	1	0	19.06	19.08	18.99
		1	24	18.99	19.00	18.93
		1	49	18.58	18.71	18.90
		25	0	17.88	17.97	18.01
		25	12	18.03	18.01	18.06
		25	25	17.89	17.80	18.09
		50	0	17.48	17.97	17.96
	16-QAM	1	0	18.59	18.97	18.88
		1	24	18.68	18.91	18.85
		1	49	17.97	18.77	18.81
		25	0	17.35	17.94	17.90
		25	12	17.69	17.54	17.65
		25	25	17.51	17.91	17.93
		50	0	17.77	17.98	18.01
	64-QAM	1	0	17.99	18.17	17.90
		1	24	18.34	18.72	18.37
		1	49	18.47	18.66	18.33
		25	0	17.37	17.93	17.71
		25	12	17.32	17.38	17.29
		25	25	17.34	17.44	17.99
		50	0	17.69	17.66	17.77
15	QPSK	1	0	18.58	18.70	18.11
		1	37	18.53	18.84	18.23
		1	74	18.66	18.62	18.14
		36	0	17.90	18.01	17.90
		36	20	17.85	17.95	18.01
		36	39	17.77	17.82	17.79
		75	0	17.82	17.91	17.98
	16-QAM	1	0	18.01	18.55	17.96
		1	37	17.88	18.59	18.00
		1	74	17.90	18.78	18.02
		36	0	17.49	18.08	17.57
		36	20	17.83	17.62	17.91
		36	39	17.44	17.67	17.59

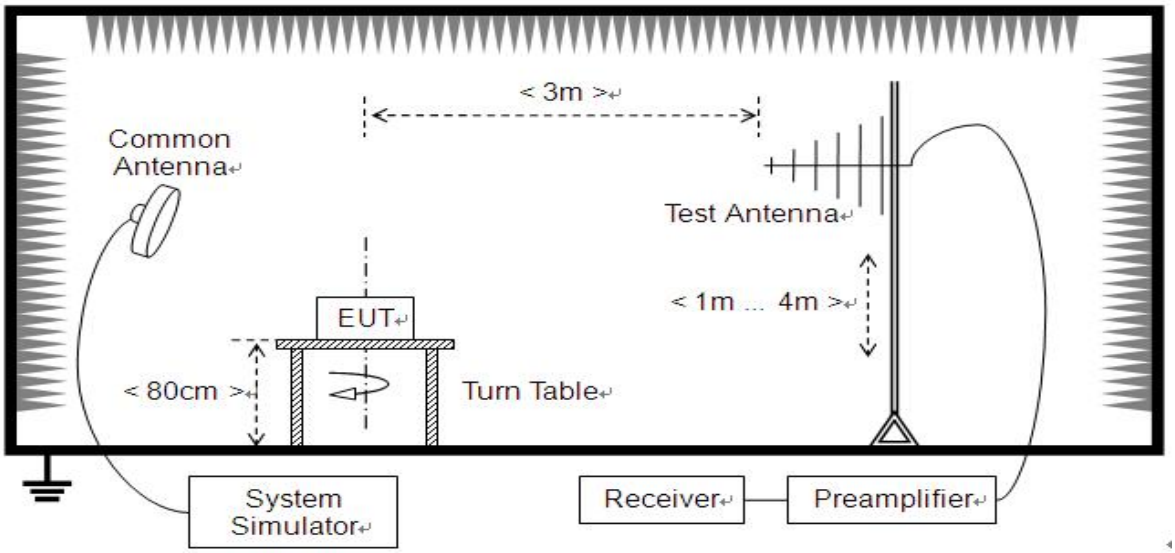
		75	0	17.74	17.79	17.27
	64-QAM	1	0	18.45	18.59	18.29
		1	37	18.15	18.14	18.72
		1	74	18.09	17.96	18.15
		36	0	17.87	18.02	17.39
		36	20	17.98	17.31	17.31
		36	39	17.67	18.02	17.58
		75	0	17.43	18.06	17.56
20	QPSK	1	0	18.59	18.70	18.63
		1	49	18.98	19.06	18.88
		1	99	18.40	18.51	18.67
		50	0	17.79	17.86	17.79
		50	24	17.84	17.70	17.72
		50	50	17.84	17.89	17.57
		100	0	17.81	17.90	17.93
	16-QAM	1	0	18.49	18.55	18.51
		1	49	18.20	18.10	17.98
		1	99	17.91	17.70	17.59
		50	0	16.89	16.97	16.98
		50	24	16.87	16.88	16.92
		50	50	16.78	16.93	16.81
		100	0	16.87	16.90	16.85
	64-QAM	1	0	18.16	18.29	17.85
		1	49	18.34	17.30	17.81
		1	99	17.95	17.48	17.56
		50	0	16.82	16.96	16.97
		50	24	16.81	16.81	16.80
		50	50	16.85	16.85	16.96
		100	0	16.86	16.93	16.96

2.8. Radiated Spurious Emissions

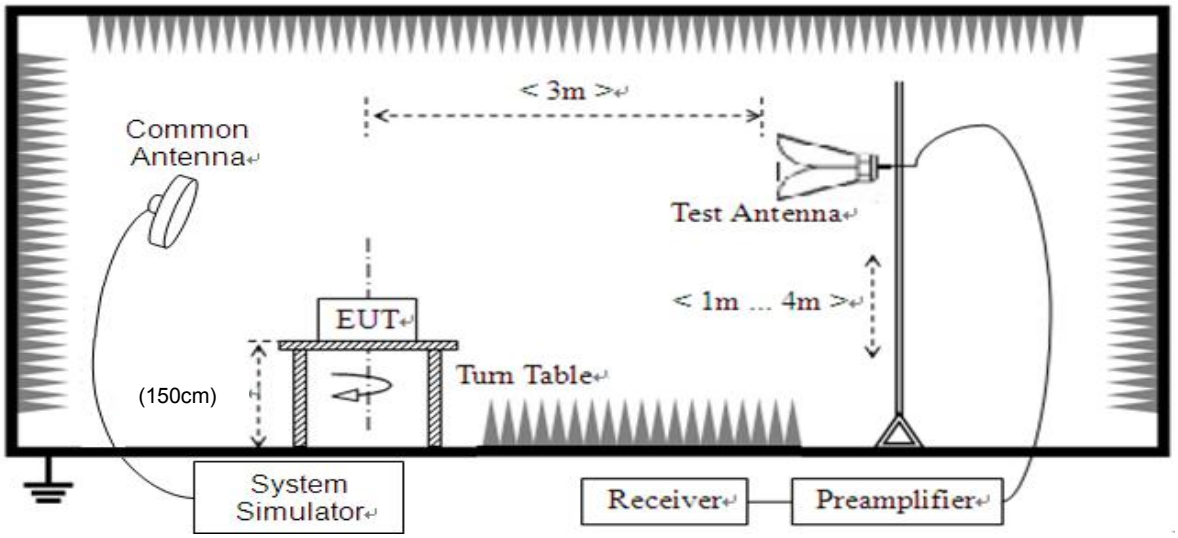
2.8.1. Requirement

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 / 38 / 41:
The power of any emission outside of the authorized operating frequency ranges must beattenuated below the transmitting power (P) by a factor of at least 55 + 10 log(P) dB. This calculated to be -25dBm.
Additional requirement for LTE Band 30 / 40:
The power of any emission outside of the authorized operating frequency ranges must be attenuatedbelow the transmitter power (P) by a factor of at least 70 + 10 log (P) dB.This calculated to be -40dBm.

2.8.2. Test Description



(For the test frequency from 30MHz to1GHz)



(For the test frequency 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 D01 v03r01 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.

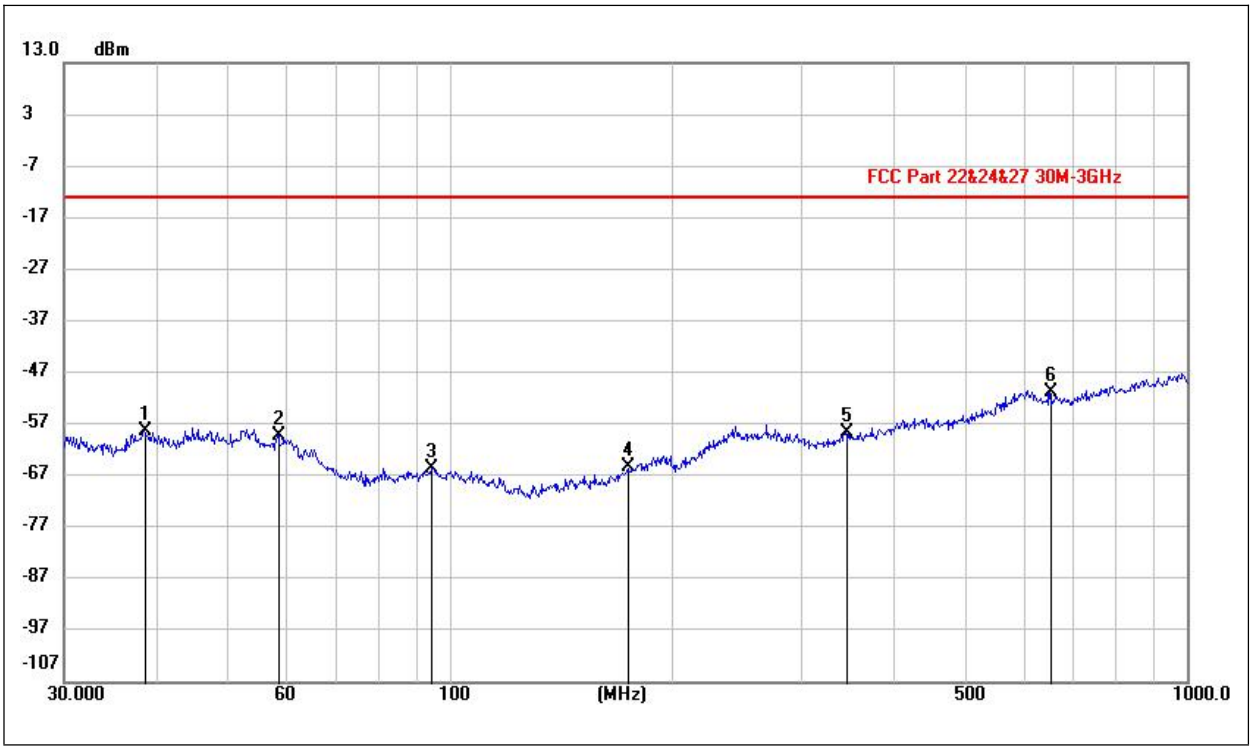
Note2: All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis Y axis test condition was recorded in this test report.

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.

Note4: All modulation including QPSK, 16-QAM, 64-QAM were considered and evaluated respectively by performing full test for each band, only the worst cases QPSK were recorded in this test report.

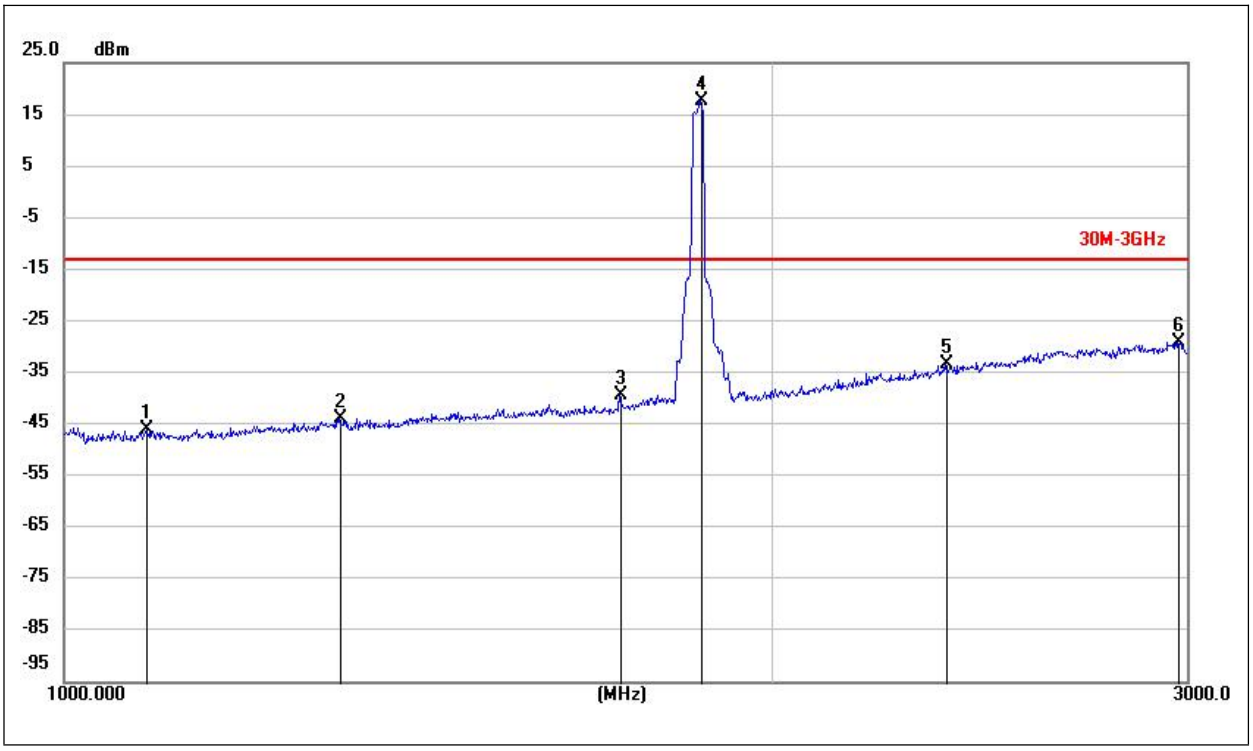
Note5: For the frequency, which started from 18GHz to 40GHz, was pre-scanned and the result which was 10dB lower than the limit was not recorded.

Note6: N/A means the frequency is the basic frequency or the base station frequency, they are no need to verdict.



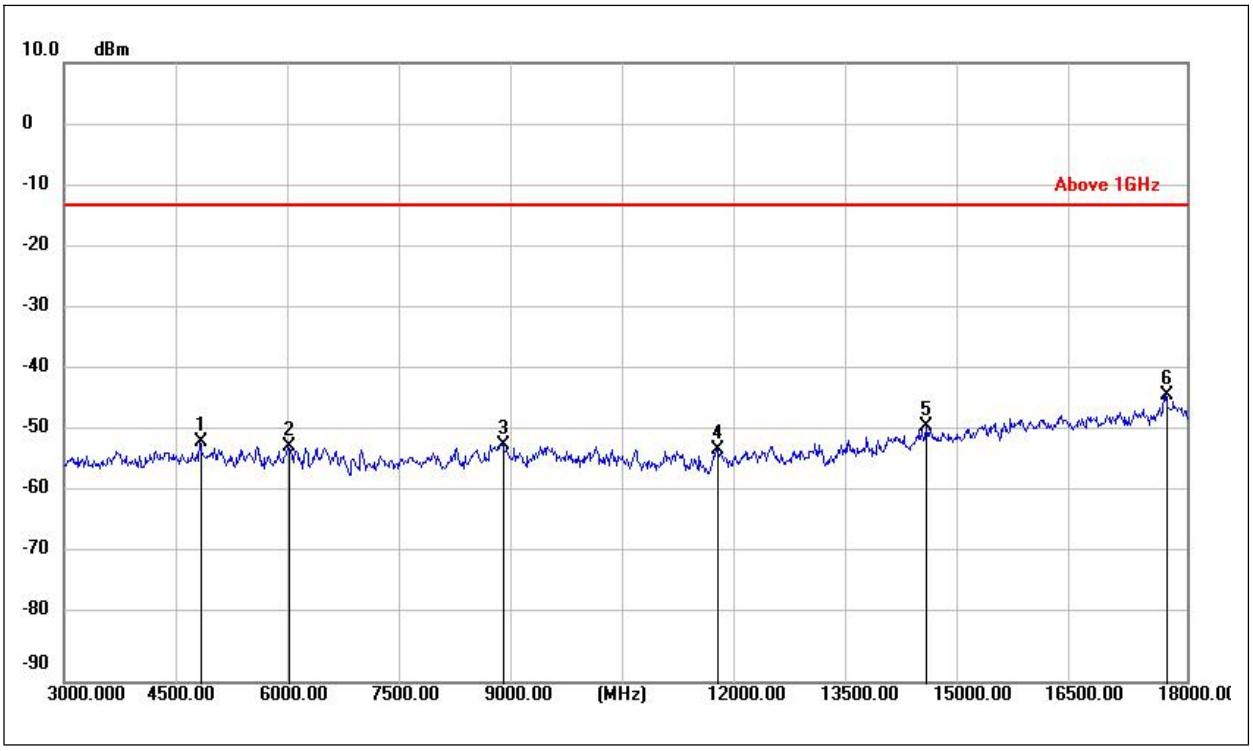
(LTE Band 2_QPSK _ Low Channel _ 30MHz to 1GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
38.5012	-87.93	29.66	-58.27	-13.00	-45.27	peak	PASS
58.7258	-87.54	28.41	-59.13	-13.00	-46.13	peak	PASS
94.4615	-88.18	22.76	-65.42	-13.00	-52.42	peak	PASS
174.7914	-87.82	22.43	-65.39	-13.00	-52.39	peak	PASS
344.4459	-87.27	28.59	-58.68	-13.00	-45.68	peak	PASS
652.5135	-85.17	34.30	-50.87	-13.00	-37.87	peak	PASS



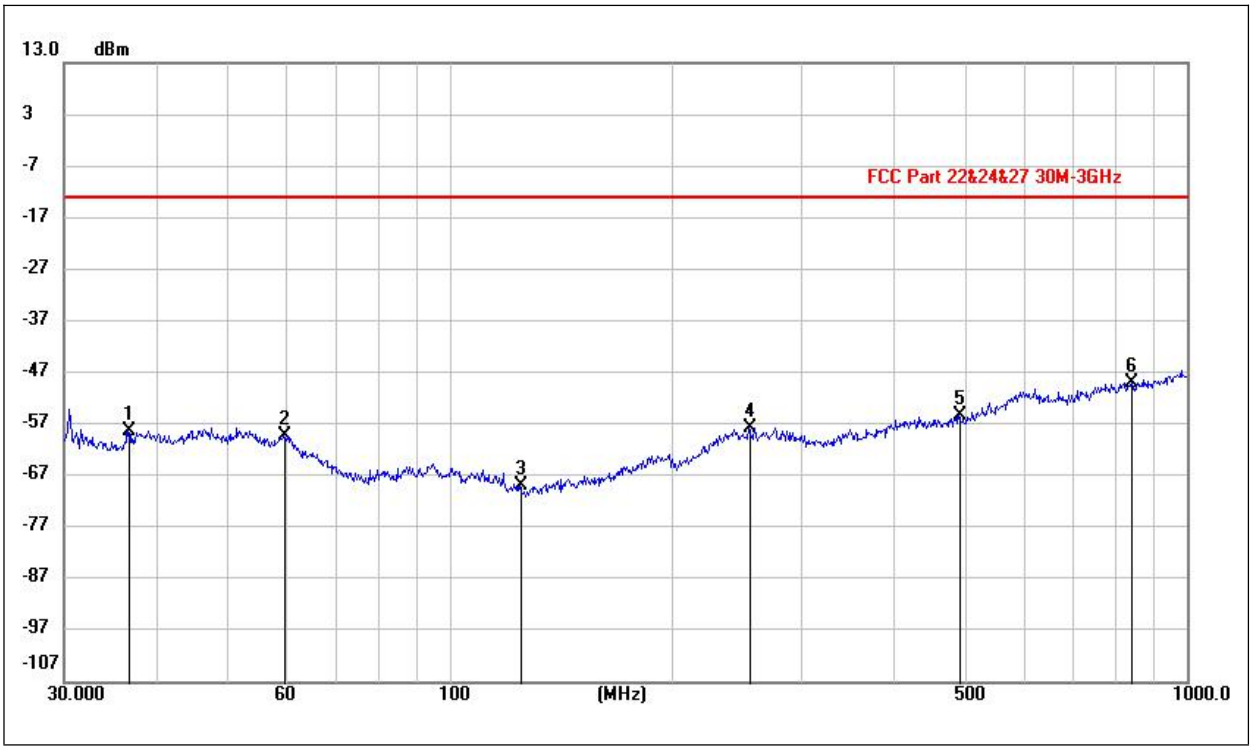
(LTE Band 2 _QPSK _ Low Channel _ 1GHz to 3GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
1084.693	-86.16	40.01	-46.15	-13.00	-33.15	peak	PASS
1309.368	-86.00	42.16	-43.84	-13.00	-30.84	peak	PASS
1723.698	-84.43	45.11	-39.32	-13.00	-26.32	peak	PASS
1864.556	-29.14	46.65	17.51	-13.00	N/A	peak	N/A
2369.515	-84.28	51.06	-33.22	-13.00	-20.22	peak	PASS
2974.729	-84.72	55.64	-29.08	-13.00	-16.08	peak	PASS



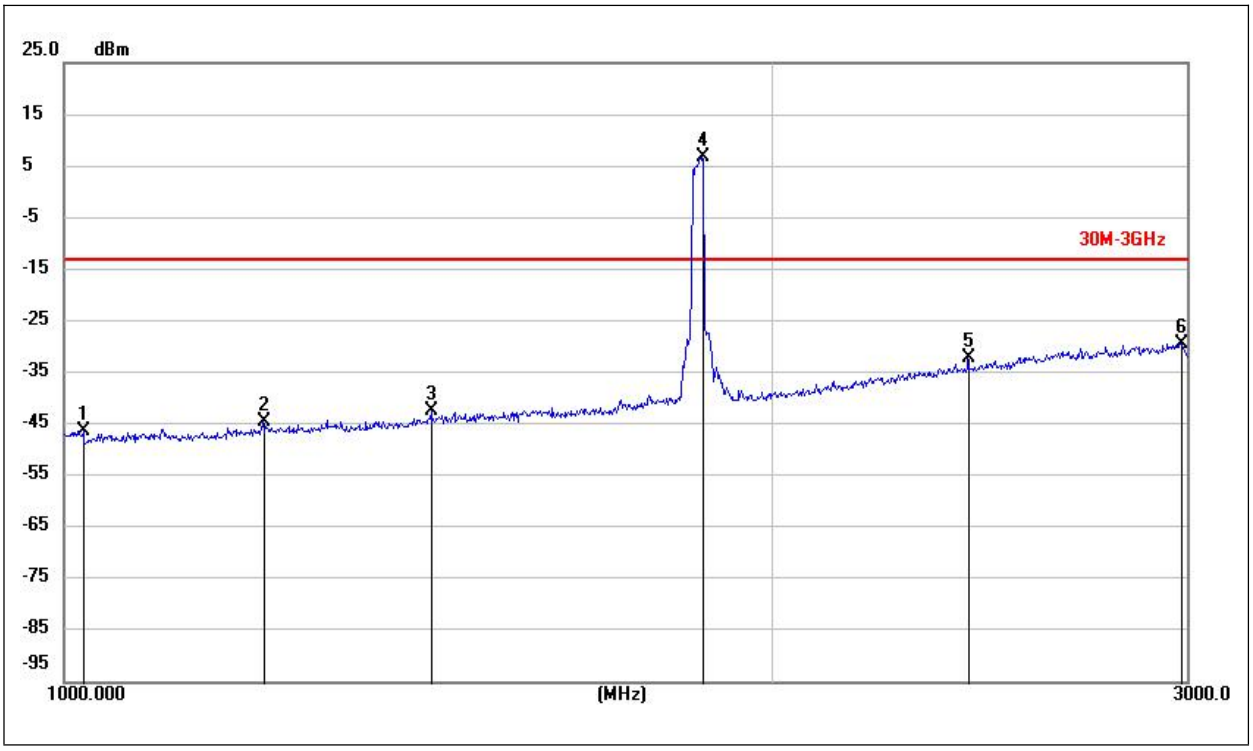
(LTE Band 2 _QPSK _ Low Channel _ 3GHz to 18GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
4827.000	-60.67	9.43	-51.24	-13.00	-38.24	peak	PASS
5998.500	-62.55	10.58	-51.97	-13.00	-38.97	peak	PASS
8860.500	-65.67	14.08	-51.59	-13.00	-38.59	peak	PASS
11745.000	-67.50	15.14	-52.36	-13.00	-39.36	peak	PASS
14520.000	-68.44	19.83	-48.61	-13.00	-35.61	peak	PASS
17715.750	-69.18	25.52	-43.66	-13.00	-30.66	peak	PASS



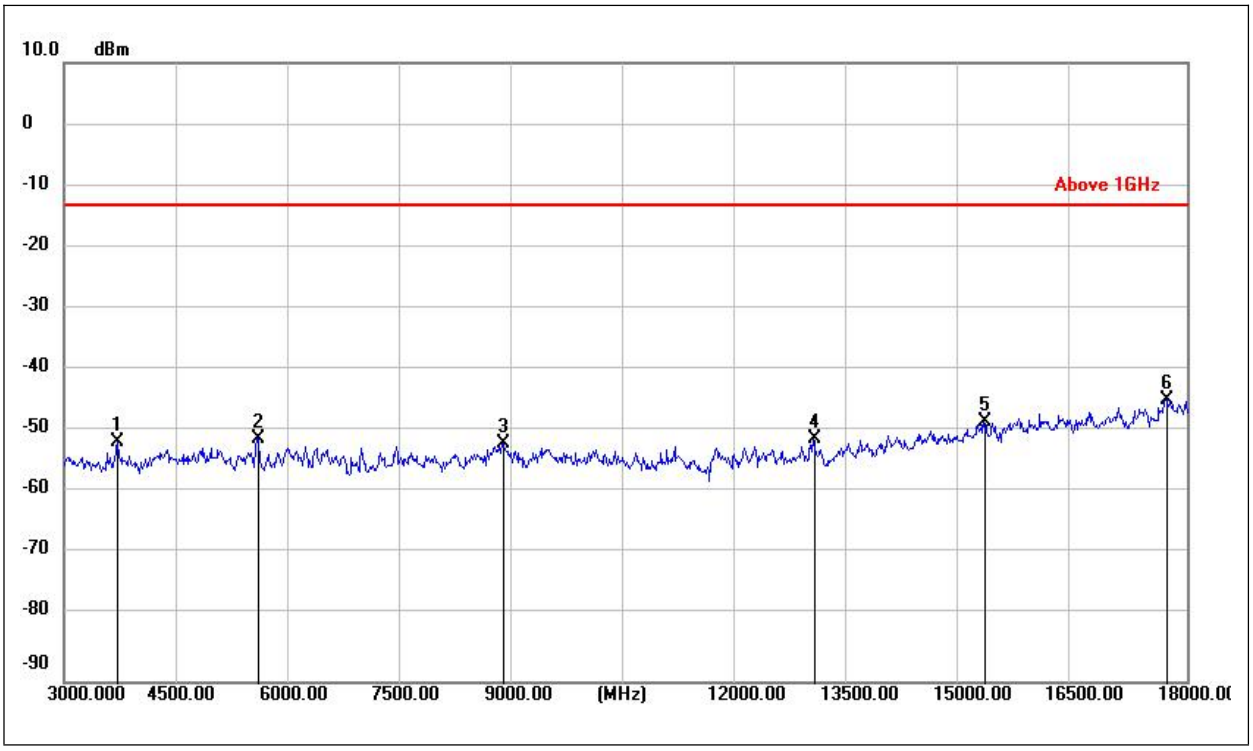
(LTE Band 2_QPSK _ Low Channel _ 30MHz to 1GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
36.6439	-77.88	19.46	-58.42	-13.00	-45.42	peak	PASS
59.8274	-83.32	24.08	-59.24	-13.00	-46.24	peak	PASS
124.5909	-96.70	27.76	-68.94	-13.00	-55.94	peak	PASS
254.7730	-82.85	25.19	-57.66	-13.00	-44.66	peak	PASS
491.0029	-86.88	31.51	-55.37	-13.00	-42.37	peak	PASS
842.1296	-86.06	37.14	-48.92	-13.00	-35.92	peak	PASS



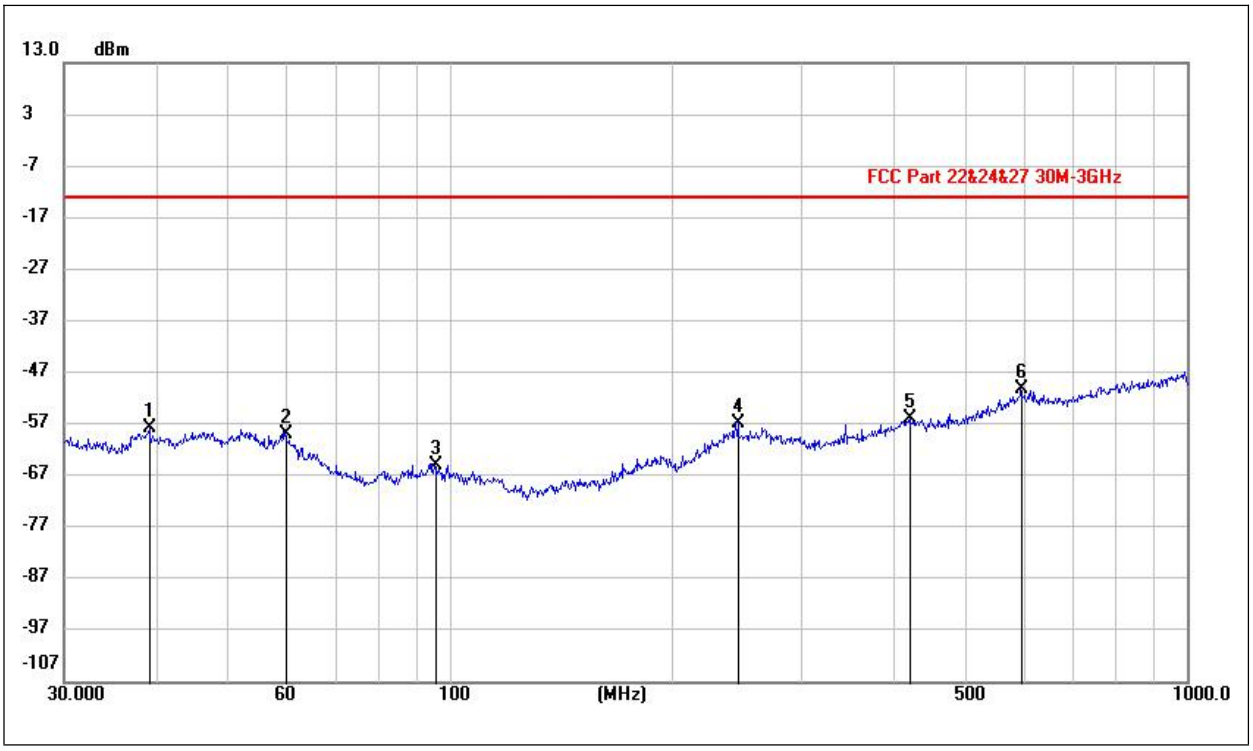
(LTE Band 2 _QPSK _ Low Channel _ 1GHz to 3GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
1019.804	-84.40	38.22	-46.18	-13.00	-33.18	peak	PASS
1214.848	-85.62	41.02	-44.60	-13.00	-31.60	peak	PASS
1433.273	-85.27	42.74	-42.53	-13.00	-29.53	peak	PASS
1867.631	-39.87	46.59	6.72	-13.00	N/A	peak	N/A
2422.288	-83.81	51.55	-32.26	-13.00	-19.26	peak	PASS
2981.109	-85.19	55.77	-29.42	-13.00	-16.42	peak	PASS



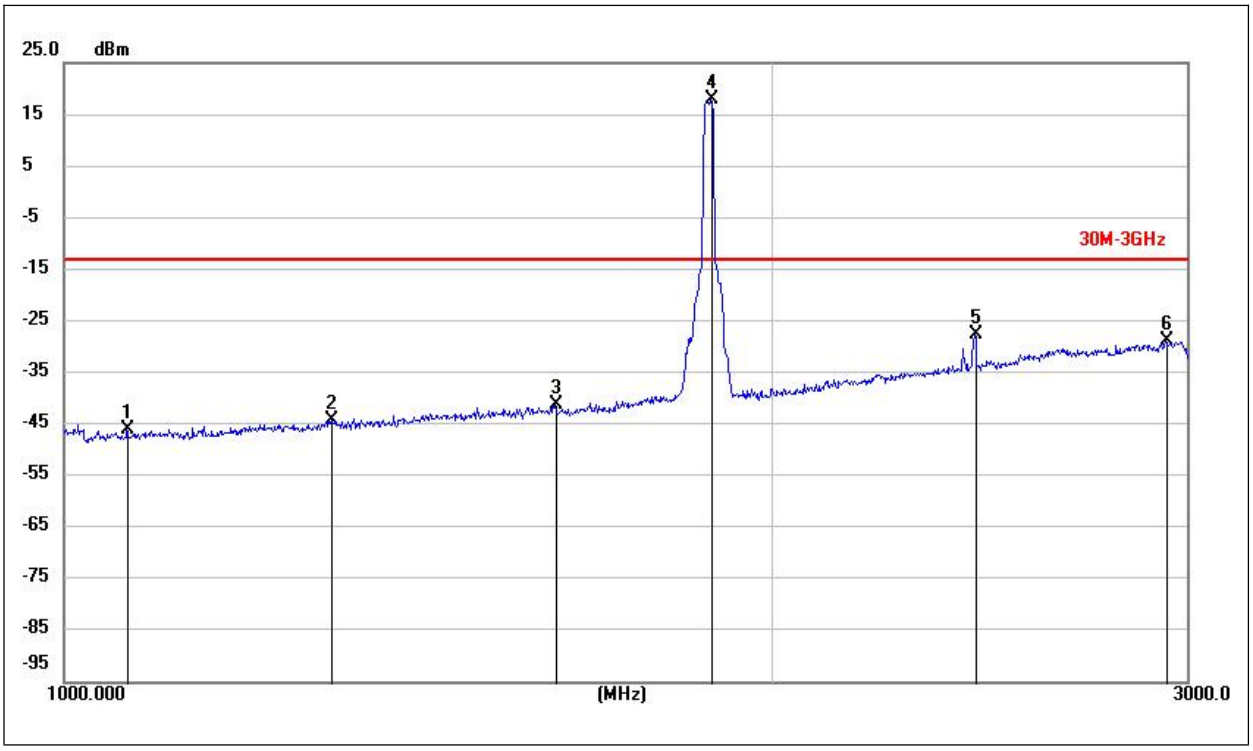
(LTE Band 2 _QPSK _ Low Channel _ 3GHz to 18GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
3720.000	-58.65	7.52	-51.13	-13.00	-38.13	peak	PASS
5582.250	-60.45	9.89	-50.56	-13.00	-37.56	peak	PASS
8865.750	-65.45	14.13	-51.32	-13.00	-38.32	peak	PASS
13016.250	-67.62	17.02	-50.60	-13.00	-37.60	peak	PASS
15285.750	-69.08	21.04	-48.04	-13.00	-35.04	peak	PASS
17716.500	-68.86	24.42	-44.44	-13.00	-31.44	peak	PASS



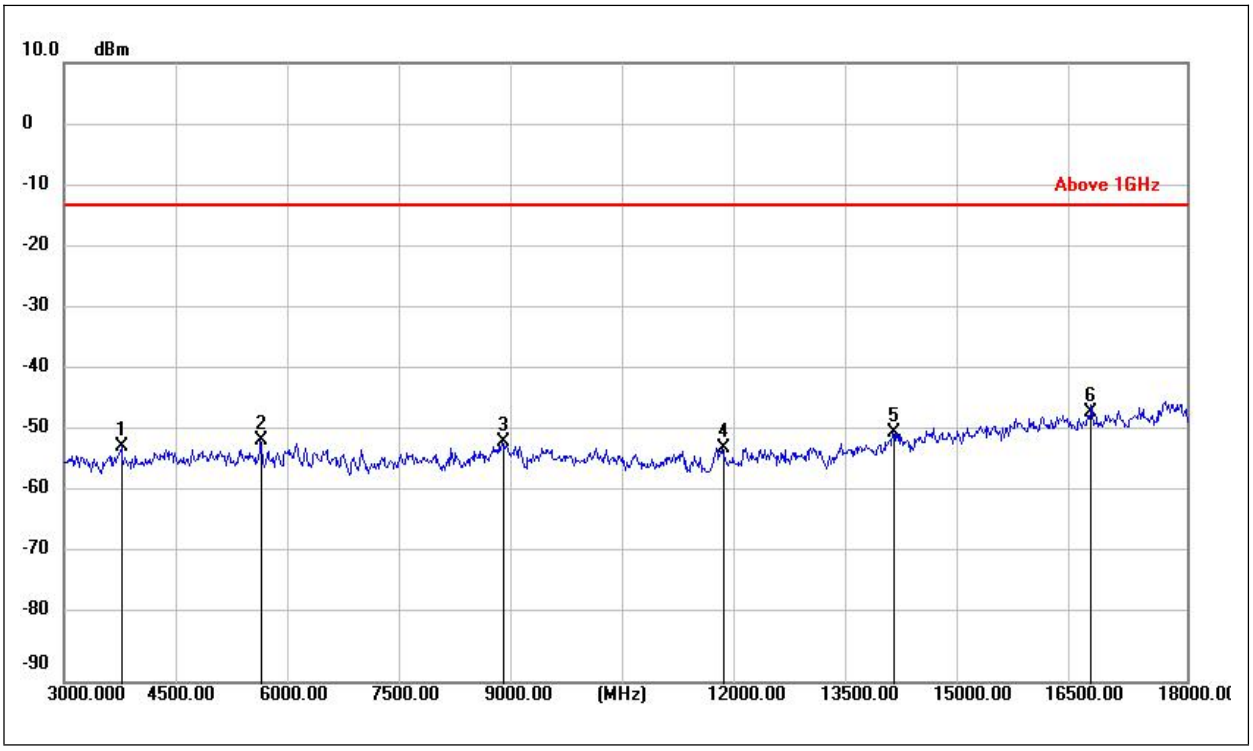
(LTE Band 2 _QPSK _Middle Channel _ 30MHz to 1GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
39.2509	-87.38	29.54	-57.84	-13.00	-44.84	peak	PASS
59.9429	-87.70	28.86	-58.84	-13.00	-45.84	peak	PASS
95.5609	-87.43	22.62	-64.81	-13.00	-51.81	peak	PASS
246.7284	-85.67	28.94	-56.73	-13.00	-43.73	peak	PASS
421.1707	-86.67	30.77	-55.90	-13.00	-42.90	peak	PASS
595.3416	-85.84	35.66	-50.18	-13.00	-37.18	peak	PASS



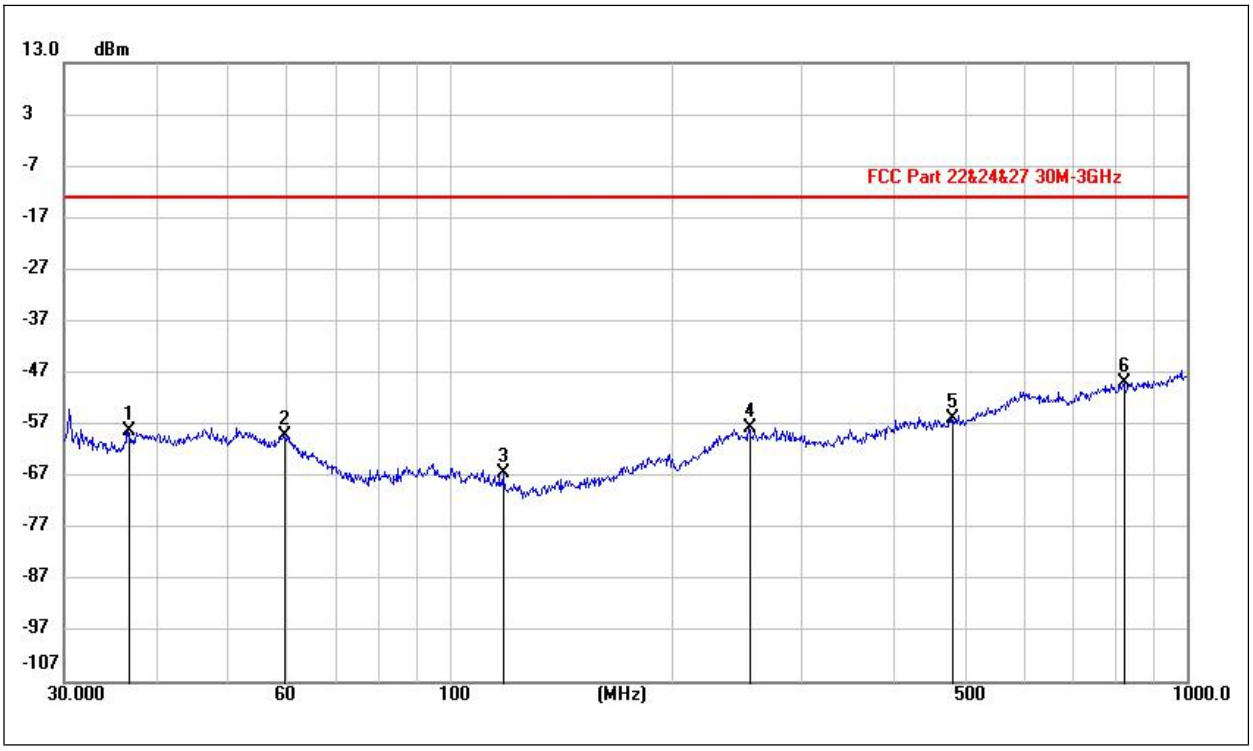
(LTE Band 2 _QPSK _Middle Channel _ 1GHz to 3GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
1063.629	-85.56	39.45	-46.11	-13.00	-33.11	peak	PASS
1299.980	-86.36	42.22	-44.14	-13.00	-31.14	peak	PASS
1617.913	-85.52	44.26	-41.26	-13.00	-28.26	peak	PASS
1884.015	-29.13	46.97	17.84	-13.00	N/A	peak	N/A
2439.915	-79.18	51.57	-27.61	-13.00	-14.61	peak	PASS
2940.127	-84.20	55.35	-28.85	-13.00	-15.85	peak	PASS



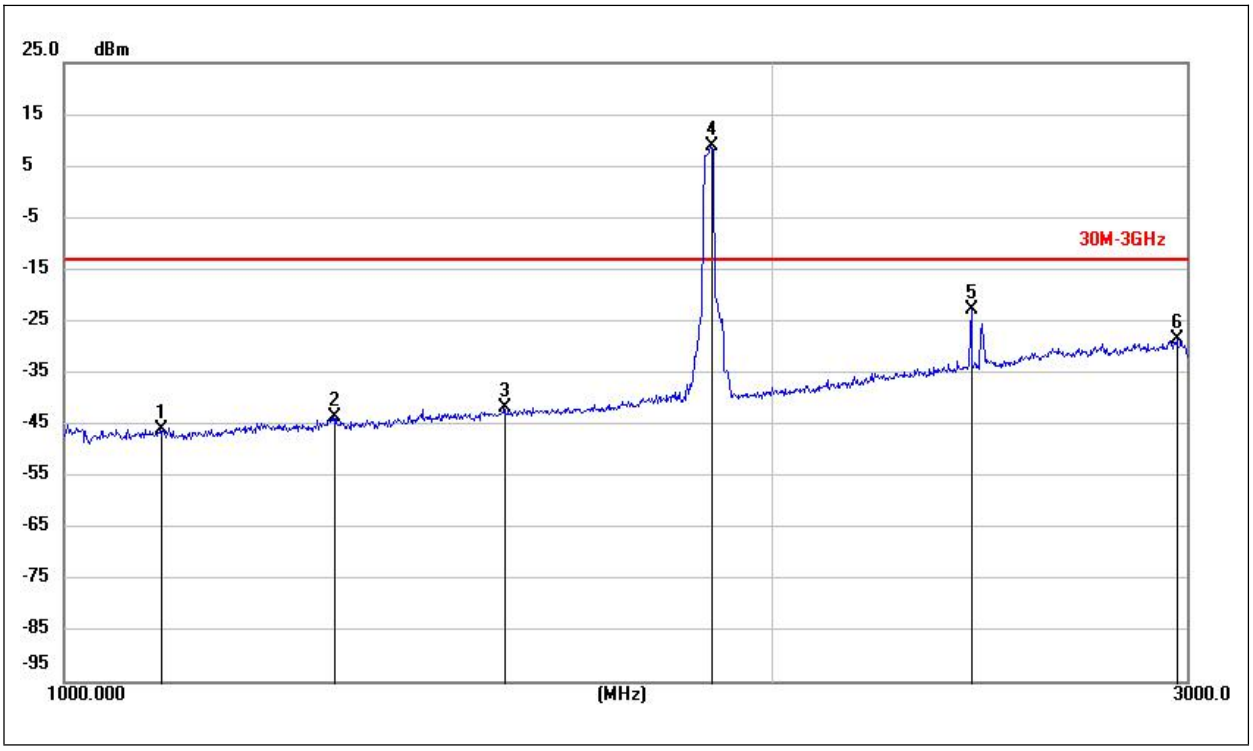
(LTE Band 2 _QPSK _ Middle Channel _ 3GHz to 18GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
3765.000	-60.00	8.01	-51.99	-13.00	3765.000	peak	PASS
5628.750	-60.96	10.10	-50.86	-13.00	5628.750	peak	PASS
8860.500	-65.21	14.08	-51.13	-13.00	8860.500	peak	PASS
11799.000	-66.93	14.71	-52.22	-13.00	11799.000	peak	PASS
14073.000	-68.96	19.29	-49.67	-13.00	14073.000	peak	PASS
16716.000	-69.77	23.42	-46.35	-13.00	16716.000	peak	PASS



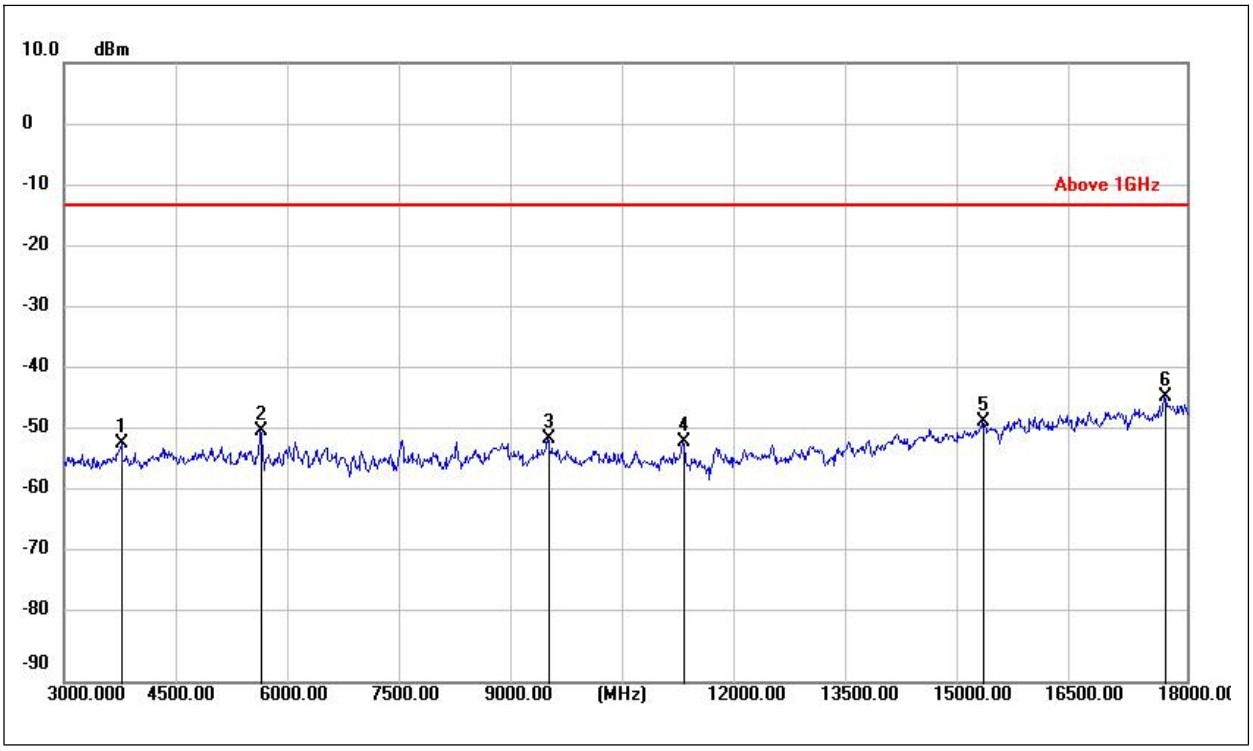
(LTE Band 2 _QPSK _ Middle Channel _ 30MHz to 1GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
36.6439	-77.88	19.46	-58.42	-13.00	-45.42	peak	PASS
59.8274	-83.32	24.08	-59.24	-13.00	-46.24	peak	PASS
118.1862	-97.17	30.76	-66.41	-13.00	-53.41	peak	PASS
254.7730	-82.85	25.19	-57.66	-13.00	-44.66	peak	PASS
480.2749	-87.50	31.49	-56.01	-13.00	-43.01	peak	PASS
824.0187	-86.00	36.95	-49.05	-13.00	-36.05	peak	PASS



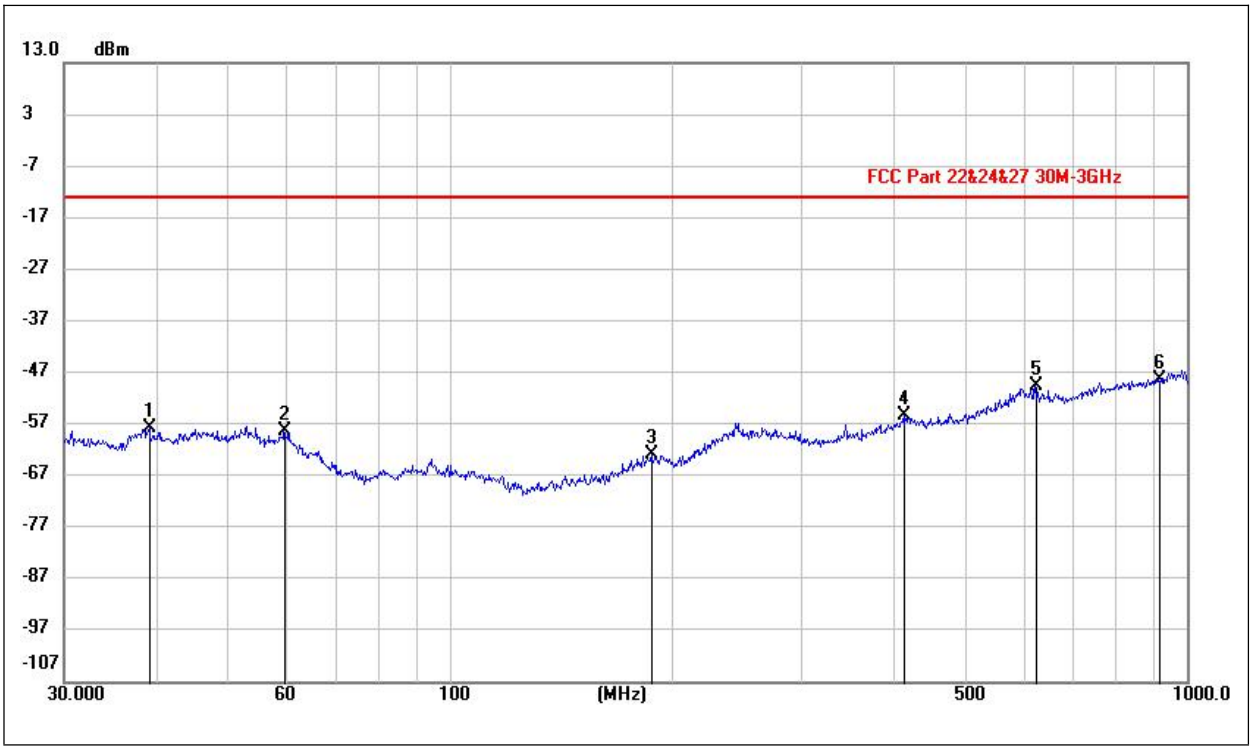
(LTE Band 2_QPSK _ Middle Channel _ 1GHz to 3GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
1100.175	-85.71	39.84	-45.87	-13.00	-32.87	peak	PASS
1302.338	-85.37	41.85	-43.52	-13.00	-30.52	peak	PASS
1539.112	-86.09	44.18	-41.91	-13.00	-28.91	peak	PASS
1884.739	-38.01	46.82	8.81	-13.00	N/A	peak	N/A
2431.086	-74.26	51.51	-22.75	-13.00	-9.75	peak	PASS
2970.973	-84.17	55.77	-28.40	-13.00	-15.40	peak	PASS



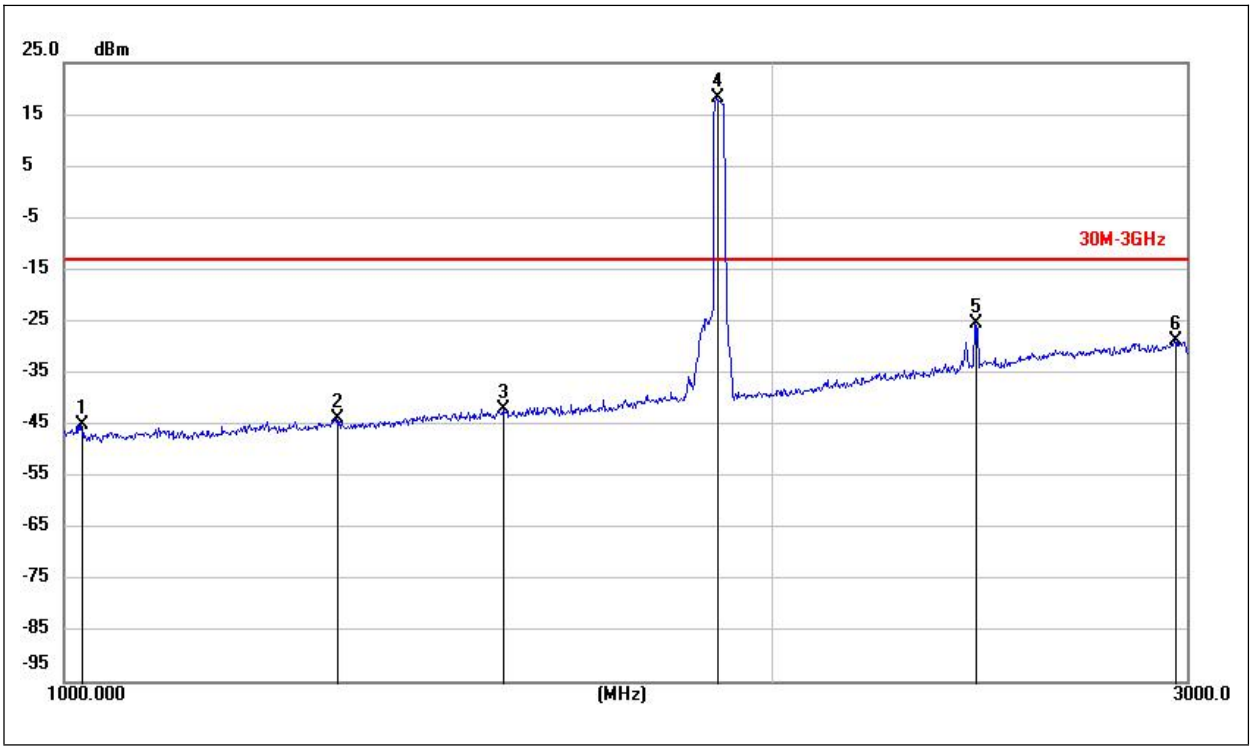
(LTE Band 2 _QPSK _ Middle Channel _ 3GHz to 18GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
3772.500	-59.48	7.99	-51.49	-13.00	-38.49	peak	PASS
5630.250	-59.50	10.07	-49.43	-13.00	-36.43	peak	PASS
9474.750	-65.14	14.38	-50.76	-13.00	-37.76	peak	PASS
11274.750	-65.50	14.44	-51.06	-13.00	-38.06	peak	PASS
15273.750	-69.06	21.05	-48.01	-13.00	-35.01	peak	PASS
17707.500	-68.15	24.25	-43.90	-13.00	-30.90	peak	PASS



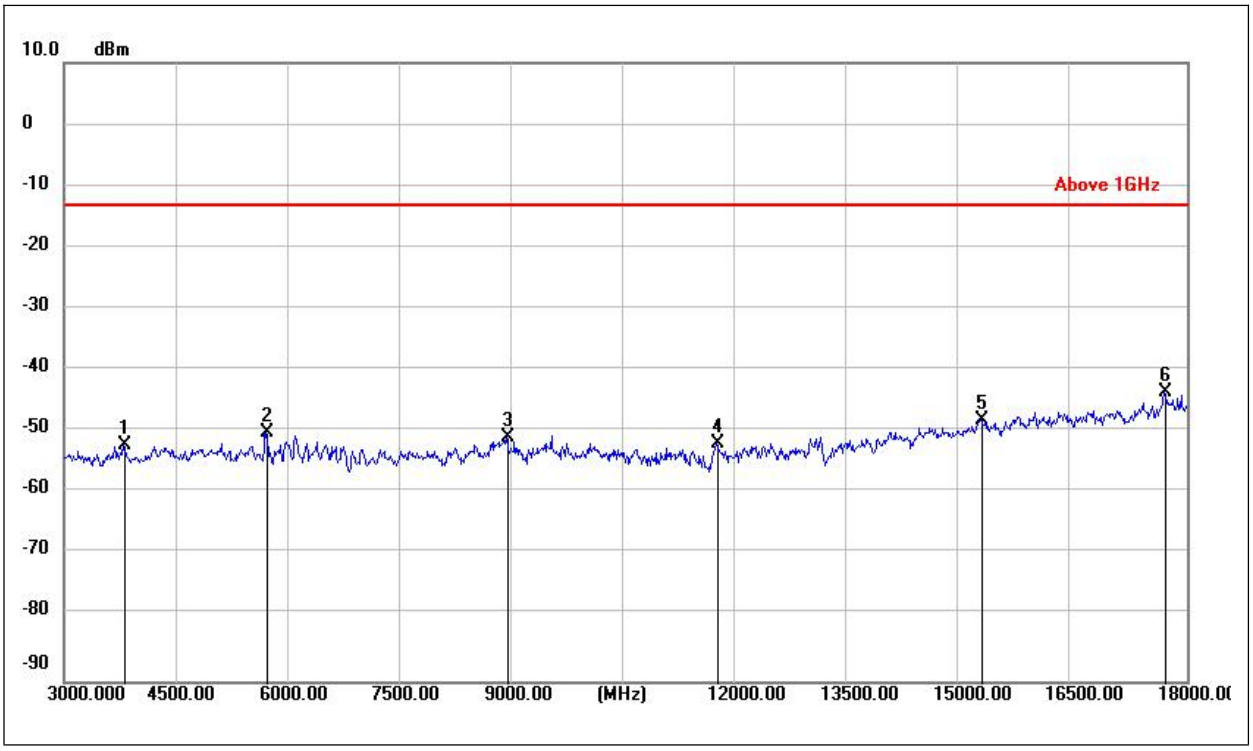
(LTE Band 2 _QPSK _ High Channel _ 30MHz to 1GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
39.2509	-87.38	29.54	-57.84	-13.00	-44.84	peak	PASS
59.7854	-87.34	28.89	-58.45	-13.00	-45.45	peak	PASS
187.9506	-86.84	24.01	-62.83	-13.00	-49.83	peak	PASS
414.2137	-86.09	30.87	-55.22	-13.00	-42.22	peak	PASS
623.2177	-84.73	35.26	-49.47	-13.00	-36.47	peak	PASS
916.3900	-86.58	38.16	-48.42	-13.00	-35.42	peak	PASS



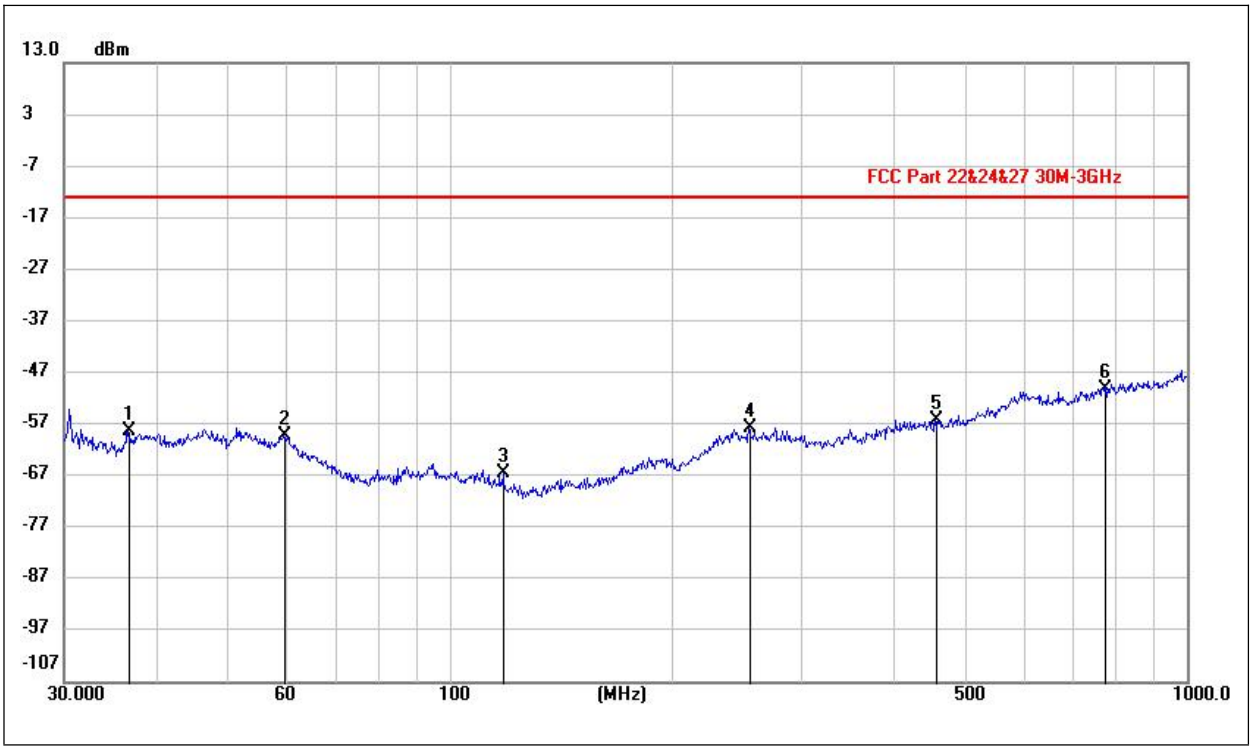
(LTE Band 2 _QPSK _ High Channel _ 1GHz to 3GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
1017.118	-83.69	38.68	-45.01	-13.00	-32.01	peak	PASS
1306.351	-86.06	42.23	-43.83	-13.00	-30.83	peak	PASS
1537.928	-85.96	43.94	-42.02	-13.00	-29.02	peak	PASS
1893.872	-28.97	47.12	18.15	-13.00	N/A	peak	N/A
2438.843	-77.18	51.58	-25.60	-13.00	-12.60	peak	PASS
2965.430	-84.37	55.56	-28.81	-13.00	-15.81	peak	PASS



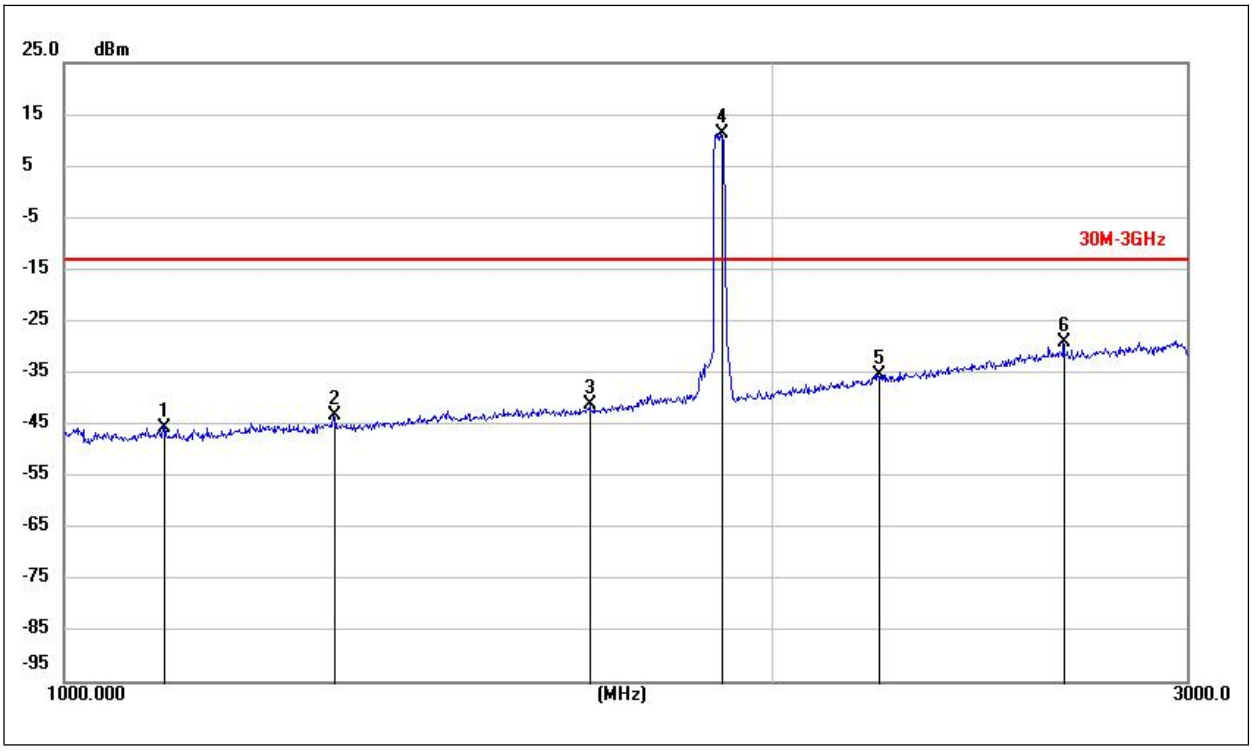
(LTE Band 2 _QPSK _ High Channel _ 3GHz to 18GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
3799.500	-59.36	7.78	-51.58	-13.00	-38.58	peak	PASS
5700.750	-59.81	10.10	-49.71	-13.00	-36.71	peak	PASS
8920.500	-64.83	14.32	-50.51	-13.00	-37.51	peak	PASS
11729.250	-66.46	15.14	-51.32	-13.00	-38.32	peak	PASS
15264.000	-68.59	21.00	-47.59	-13.00	-34.59	peak	PASS
17713.500	-68.55	25.48	-43.07	-13.00	-30.07	peak	PASS



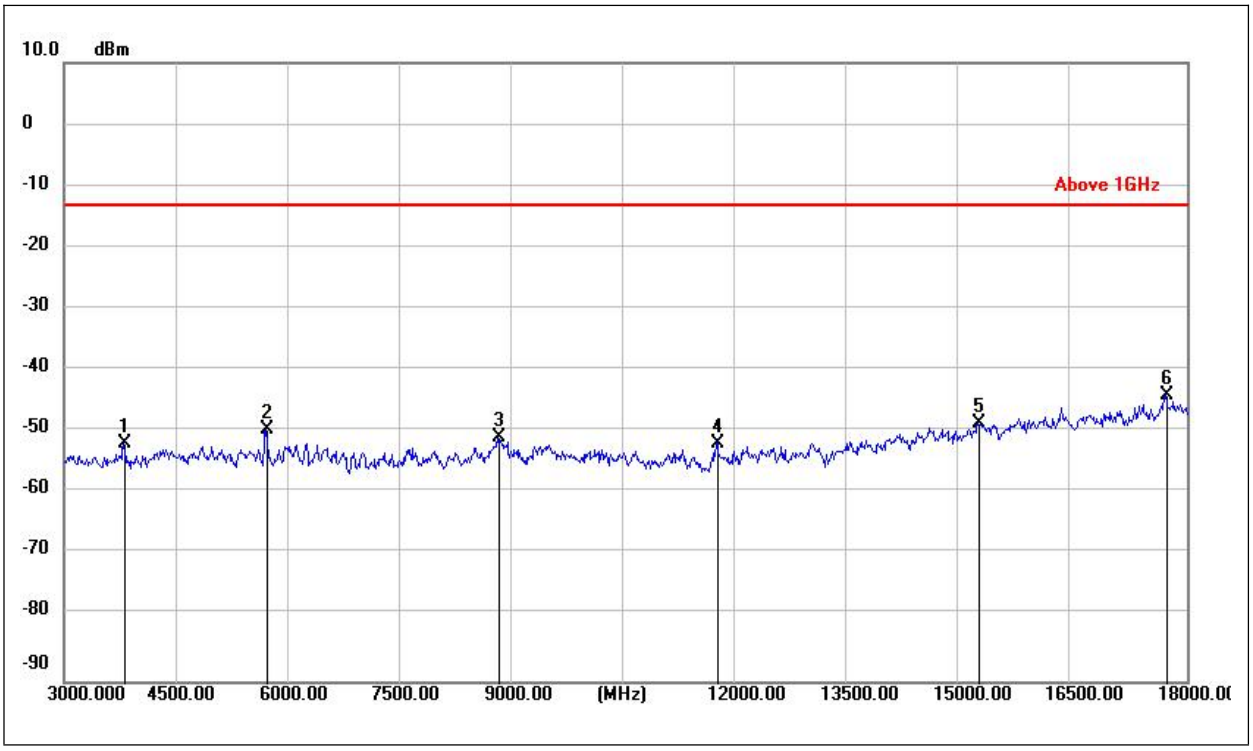
(LTE Band 2 _QPSK _ High Channel _ 30MHz to 1GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
36.6439	-77.88	19.46	-58.42	-13.00	-45.42	peak	PASS
59.8274	-83.32	24.08	-59.24	-13.00	-46.24	peak	PASS
118.1862	-97.17	30.76	-66.41	-13.00	-53.41	peak	PASS
254.7730	-82.85	25.19	-57.66	-13.00	-44.66	peak	PASS
456.7059	-86.83	30.53	-56.30	-13.00	-43.30	peak	PASS
772.5314	-86.13	36.02	-50.11	-13.00	-37.11	peak	PASS



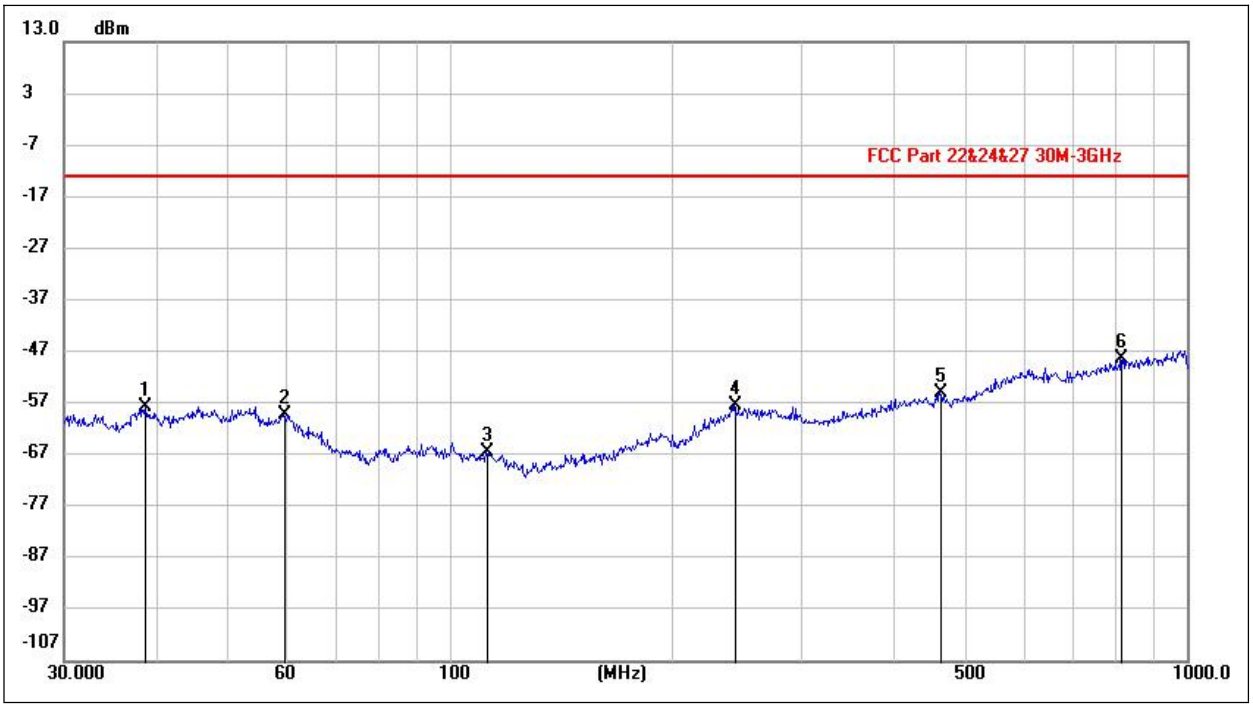
(LTE Band 2 _QPSK _ High Channel _ 1GHz to 3GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
1102.656	-85.52	39.84	-45.68	-13.00	-32.68	peak	PASS
1302.124	-85.04	41.86	-43.18	-13.00	-30.18	peak	PASS
1673.596	-85.59	44.49	-41.10	-13.00	-28.10	peak	PASS
1902.735	-36.01	47.24	11.23	-13.00	N/A	peak	N/A
2219.336	-85.60	50.25	-35.35	-13.00	-22.35	peak	PASS
2660.991	-82.83	53.67	-29.16	-13.00	-16.16	peak	PASS



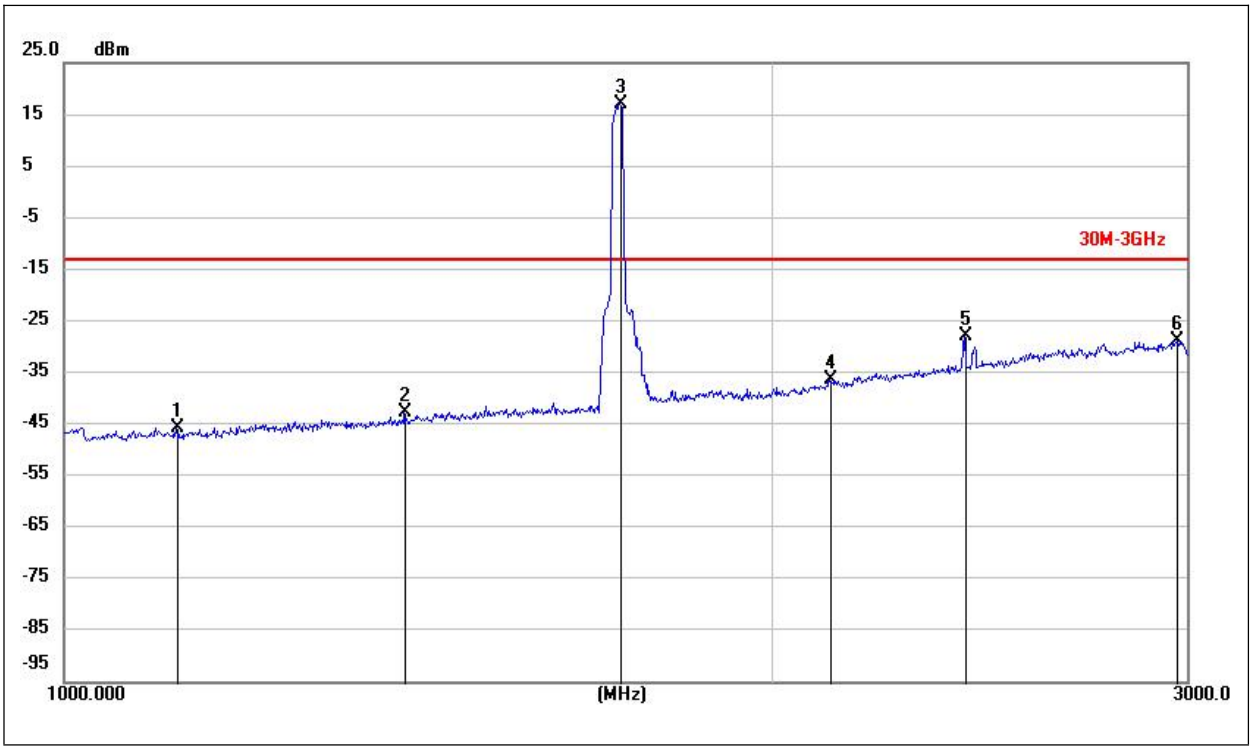
(LTE Band 2_QPSK _ High Channel _ 3GHz to 18GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
3798.750	-59.35	7.97	-51.38	-13.00	-38.38	peak	PASS
5704.500	-59.21	10.09	-49.12	-13.00	-36.12	peak	PASS
8793.750	-64.58	14.06	-50.52	-13.00	-37.52	peak	PASS
11736.750	-66.47	15.09	-51.38	-13.00	-38.38	peak	PASS
15222.750	-69.02	20.86	-48.16	-13.00	-35.16	peak	PASS
17721.000	-68.11	24.51	-43.60	-13.00	-30.60	peak	PASS



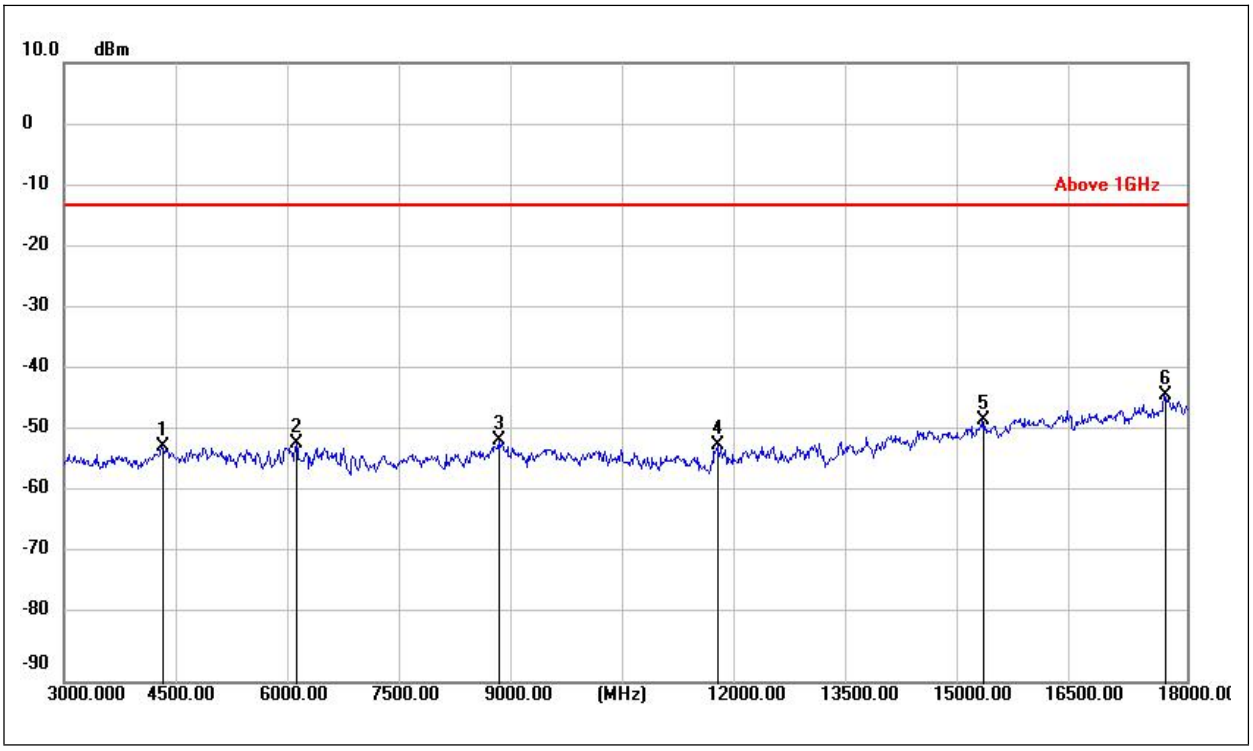
(LTE Band 4_QPSK _ Low Channel _ 30MHz to 1GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
38.7382	-87.34	29.66	-57.68	-13.00	-44.68	peak	PASS
59.7959	-88.16	28.88	-59.28	-13.00	-46.28	peak	PASS
112.3469	-87.33	20.76	-66.57	-13.00	-53.57	peak	PASS
243.5052	-86.19	28.74	-57.45	-13.00	-44.45	peak	PASS
463.5631	-85.42	30.53	-54.89	-13.00	-41.89	peak	PASS
815.5388	-85.52	37.23	-48.29	-13.00	-35.29	peak	PASS



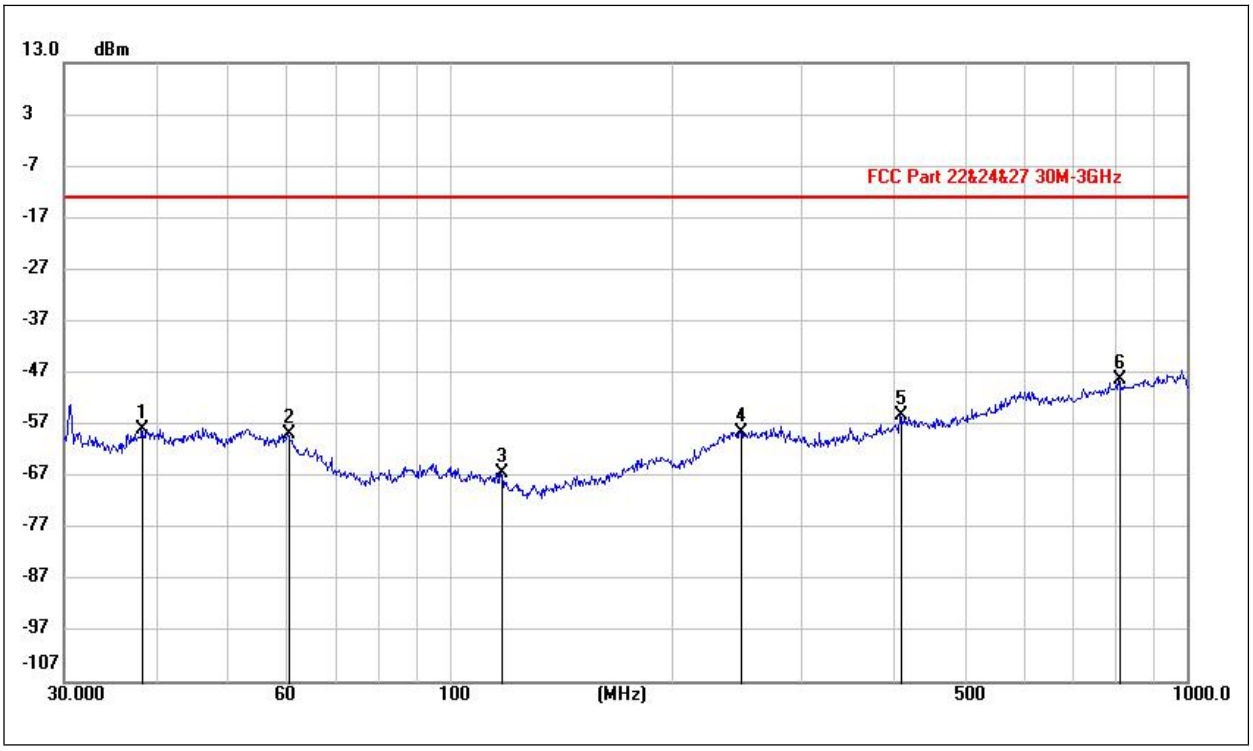
(LTE Band 4 _QPSK _ Low Channel _ 1GHz to 3GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
1116.430	-85.35	39.76	-45.59	-13.00	-32.59	peak	PASS
1395.669	-85.19	42.48	-42.71	-13.00	-29.71	peak	PASS
1722.657	-27.96	45.07	17.11	-13.00	N/A	peak	N/A
2116.002	-84.95	48.57	-36.38	-13.00	-23.38	peak	PASS
2413.787	-79.34	51.47	-27.87	-13.00	-14.87	peak	PASS
2972.279	-84.51	55.62	-28.89	-13.00	-15.89	peak	PASS



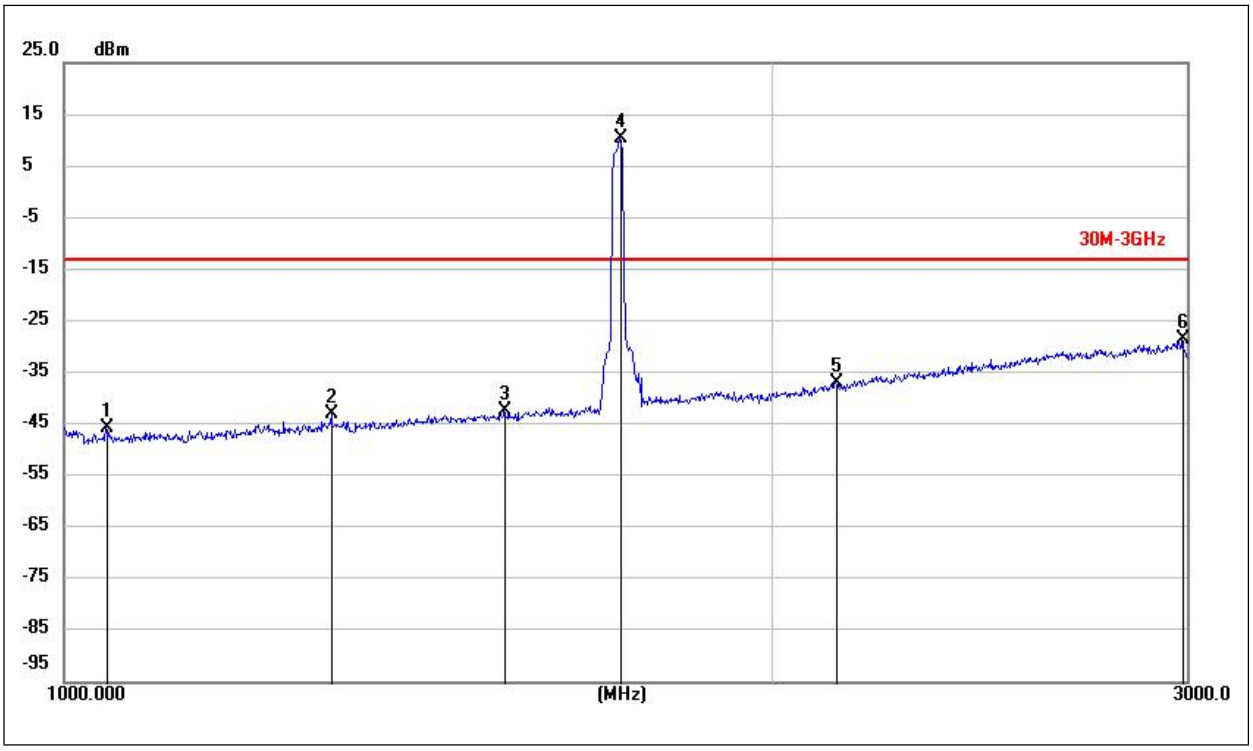
(LTE Band 4 _QPSK _ Low Channel _ 3GHz to 18GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
4308.750	-60.92	9.10	-51.82	-13.00	-38.82	peak	PASS
6105.000	-62.38	10.97	-51.41	-13.00	-38.41	peak	PASS
8814.000	-64.90	14.05	-50.85	-13.00	-37.85	peak	PASS
11734.500	-66.82	15.14	-51.68	-13.00	-38.68	peak	PASS
15274.500	-68.62	20.95	-47.67	-13.00	-34.67	peak	PASS
17708.250	-69.13	25.38	-43.75	-13.00	-30.75	peak	PASS



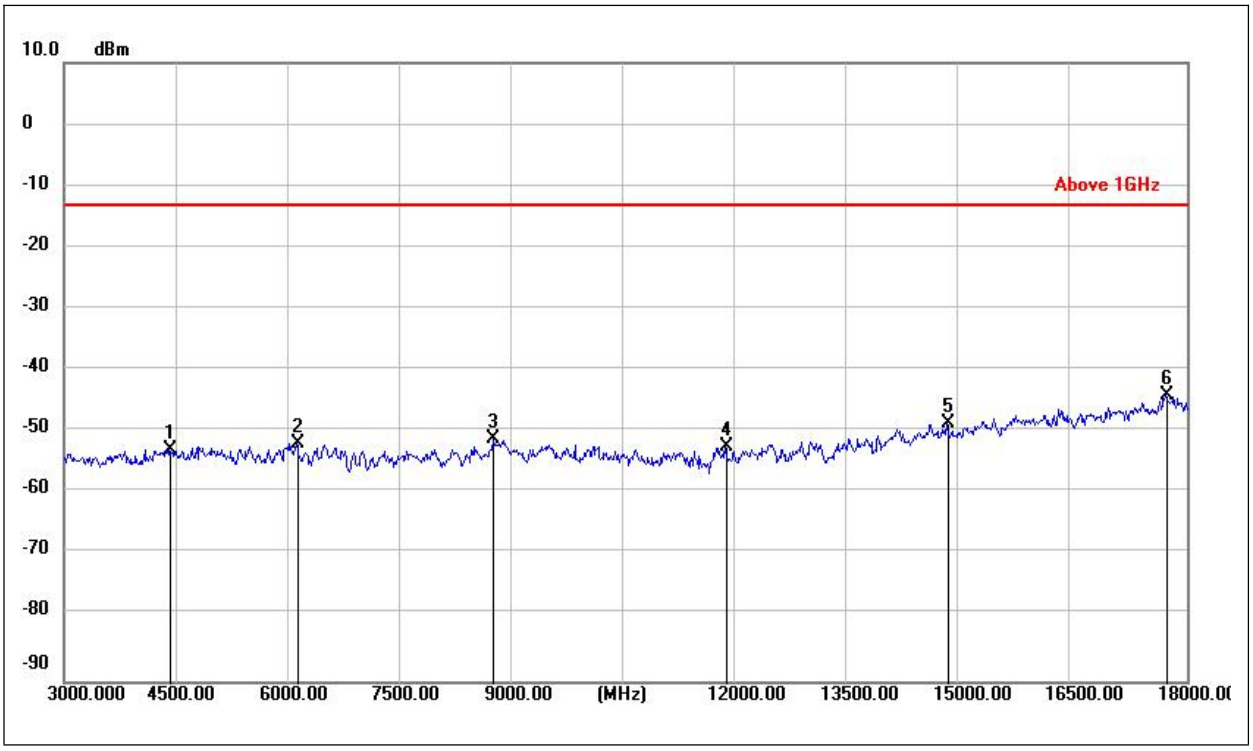
(LTE Band 4 _ QPSK _ Low Channel _ 30MHz to 1GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
38.3328	-79.48	21.59	-57.89	-13.00	-44.89	peak	PASS
60.3118	-83.05	24.18	-58.87	-13.00	-45.87	peak	PASS
117.6487	-97.45	30.99	-66.46	-13.00	-53.46	peak	PASS
247.8557	-83.58	25.10	-58.48	-13.00	-45.48	peak	PASS
408.9460	-85.38	29.96	-55.42	-13.00	-42.42	peak	PASS
807.8539	-85.01	36.59	-48.42	-13.00	-35.42	peak	PASS



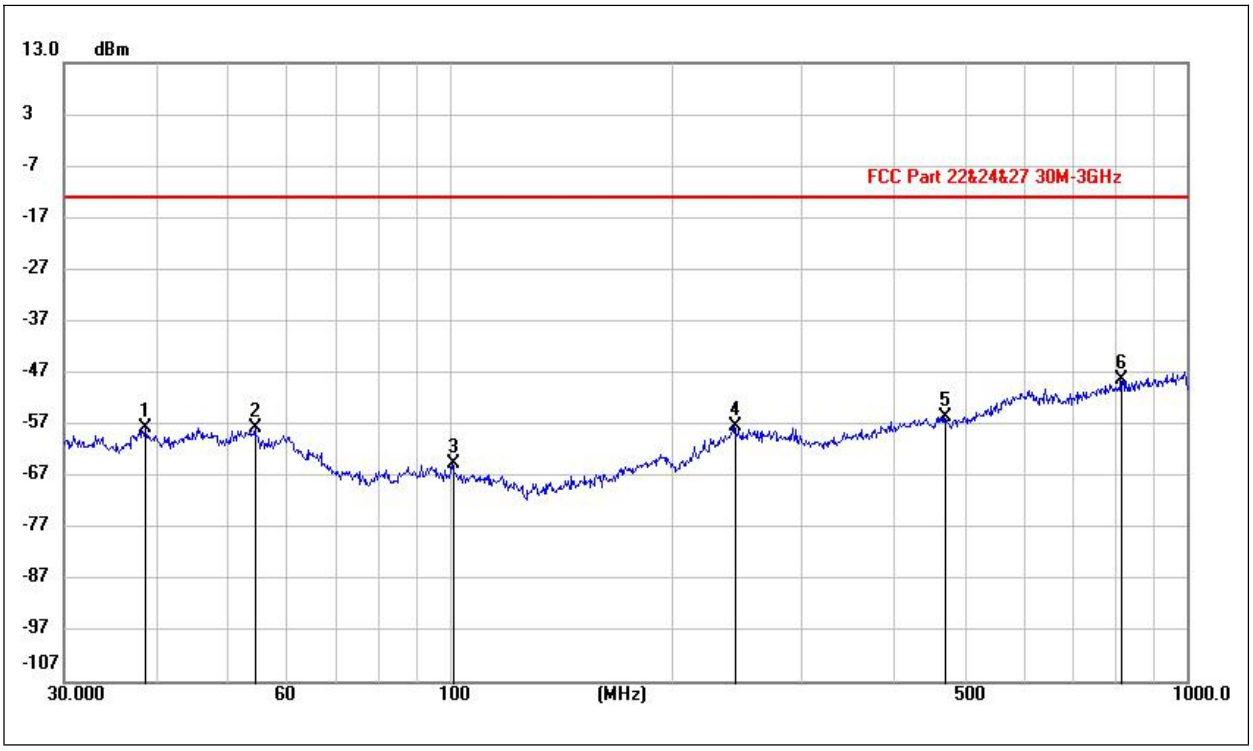
(LTE Band 4 _ QPSK _ Low Channel _ 1GHz to 3GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
1042.058	-85.32	39.59	-45.73	-13.00	-32.73	peak	PASS
1299.480	-84.93	41.96	-42.97	-13.00	-29.97	peak	PASS
1538.604	-86.71	44.19	-42.52	-13.00	-29.52	peak	PASS
1723.509	-34.56	45.00	10.44	-13.00	N/A	peak	N/A
2127.540	-85.88	48.82	-37.06	-13.00	-24.06	peak	PASS
2988.158	-84.39	55.78	-28.61	-13.00	-15.61	peak	PASS



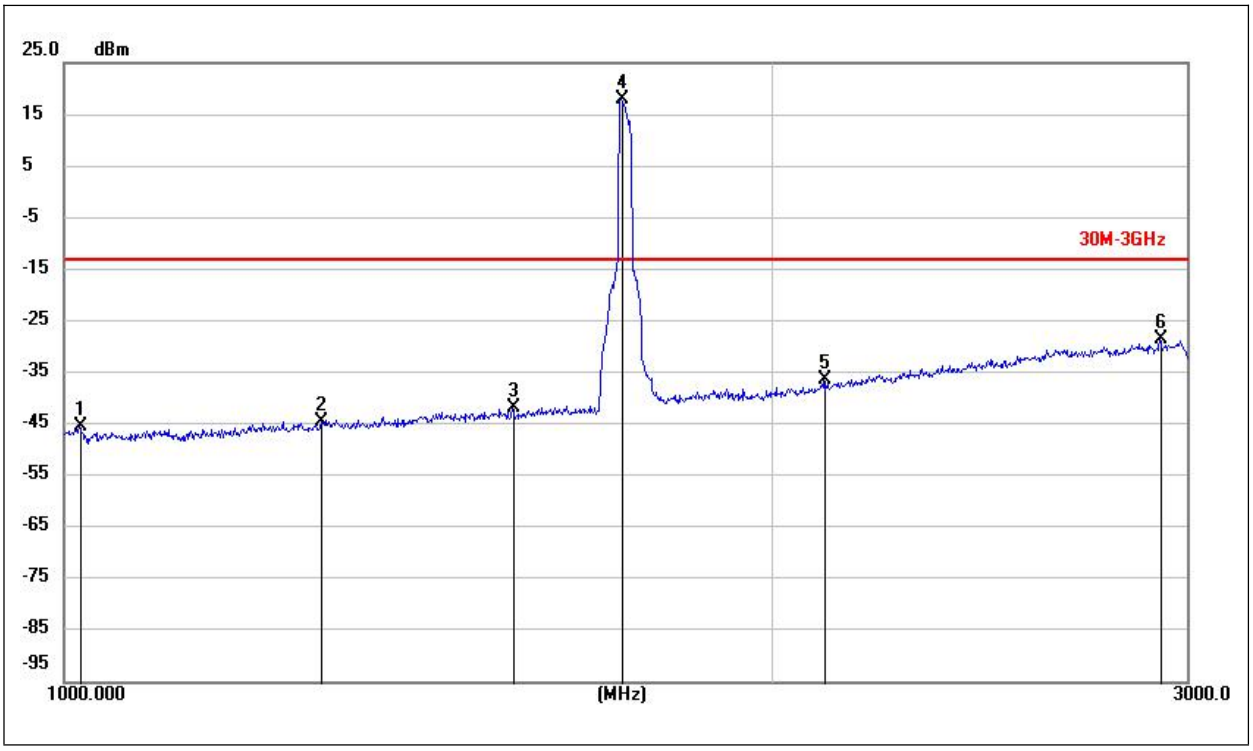
(LTE Band 4 _ QPSK _ Low Channel _ 3GHz to 18GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
4419.750	-61.70	9.31	-52.39	-13.00	-39.39	peak	PASS
6119.250	-62.19	10.79	-51.40	-13.00	-38.40	peak	PASS
8733.000	-64.47	13.75	-50.72	-13.00	-37.72	peak	PASS
11841.750	-66.58	14.57	-52.01	-13.00	-39.01	peak	PASS
14790.750	-67.86	19.74	-48.12	-13.00	-35.12	peak	PASS
17726.250	-68.26	24.63	-43.63	-13.00	-30.63	peak	PASS



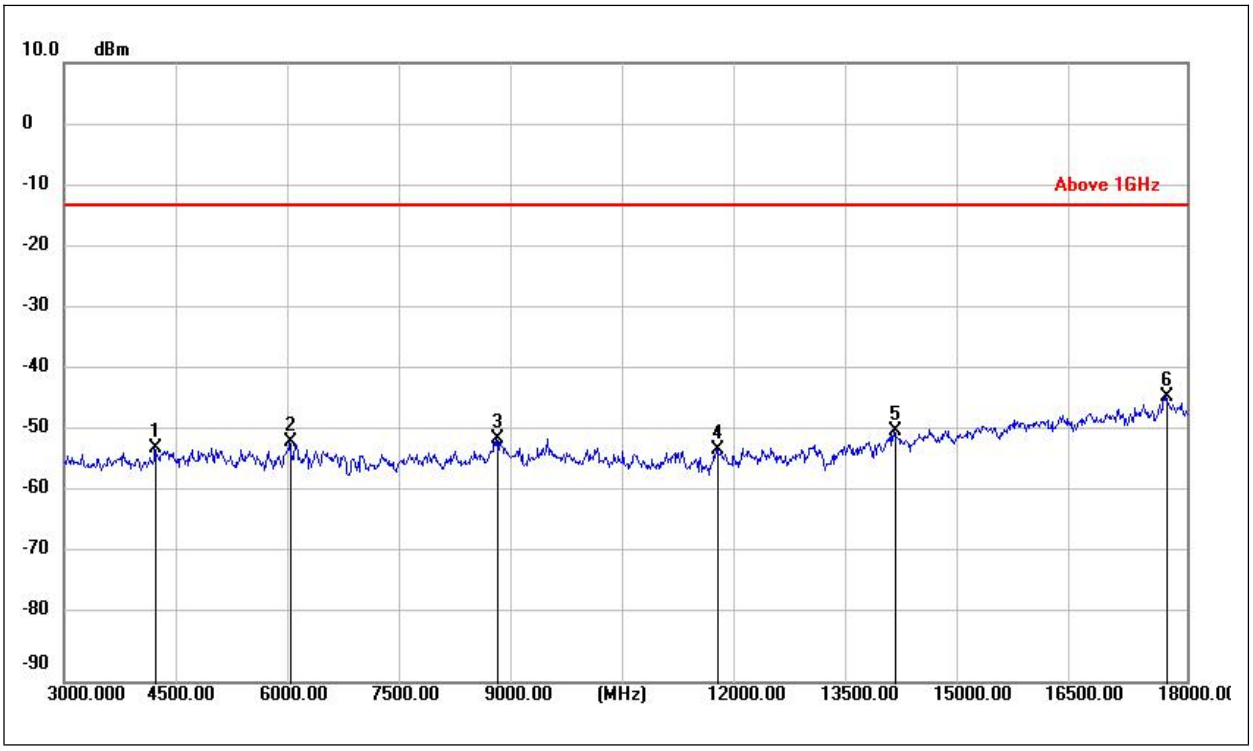
(LTE Band 4 _ QPSK_Middle Channel _ 30MHz to 1GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
38.7382	-87.34	29.66	-57.68	-13.00	-44.68	peak	PASS
54.6237	-86.88	29.19	-57.69	-13.00	-44.69	peak	PASS
101.0579	-86.97	22.38	-64.59	-13.00	-51.59	peak	PASS
243.5052	-86.19	28.74	-57.45	-13.00	-44.45	peak	PASS
469.9461	-86.05	30.42	-55.63	-13.00	-42.63	peak	PASS
815.5388	-85.52	37.23	-48.29	-13.00	-35.29	peak	PASS



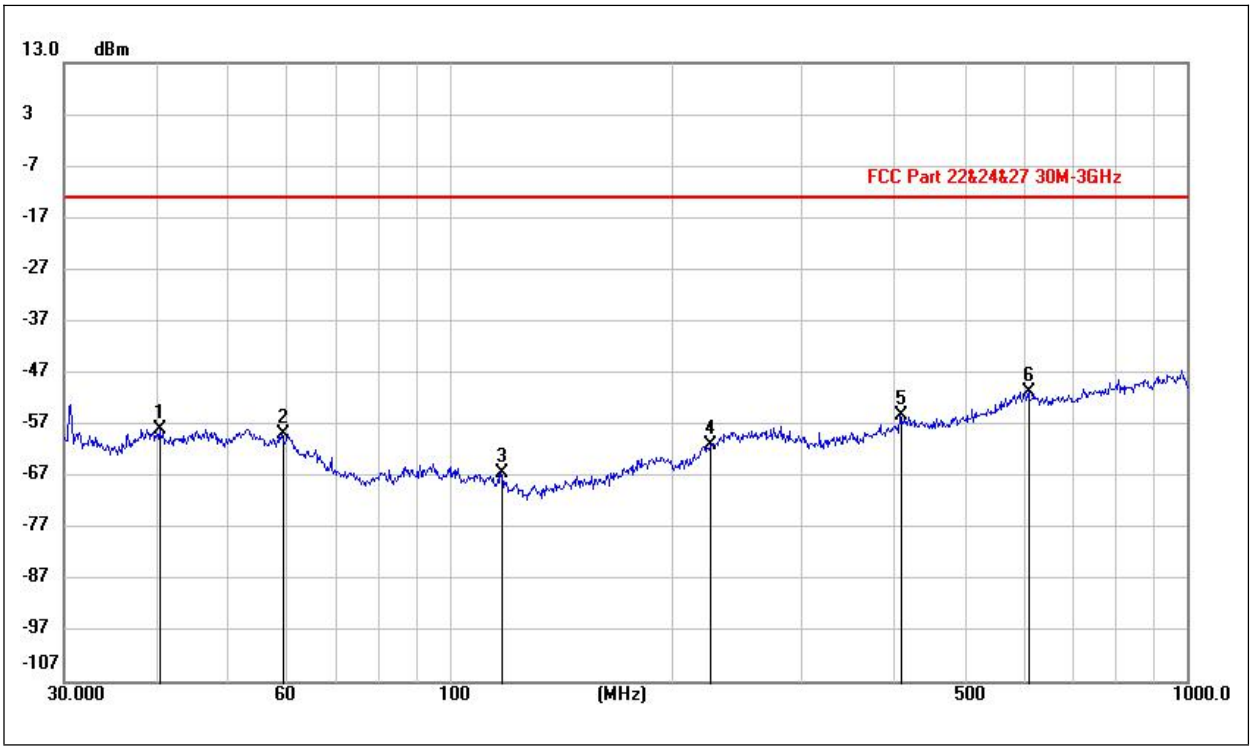
(LTE Band 4 _ QPSK_Middle Channel _ 1GHz to 3GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
1016.113	-84.21	38.72	-45.49	-13.00	-32.49	peak	PASS
1287.402	-86.23	41.75	-44.48	-13.00	-31.48	peak	PASS
1550.312	-85.61	43.69	-41.92	-13.00	-28.92	peak	PASS
1725.025	-27.30	45.18	17.88	-13.00	N/A	peak	N/A
2105.682	-84.70	48.45	-36.25	-13.00	-23.25	peak	PASS
2924.342	-83.79	55.16	-28.63	-13.00	-15.63	peak	PASS



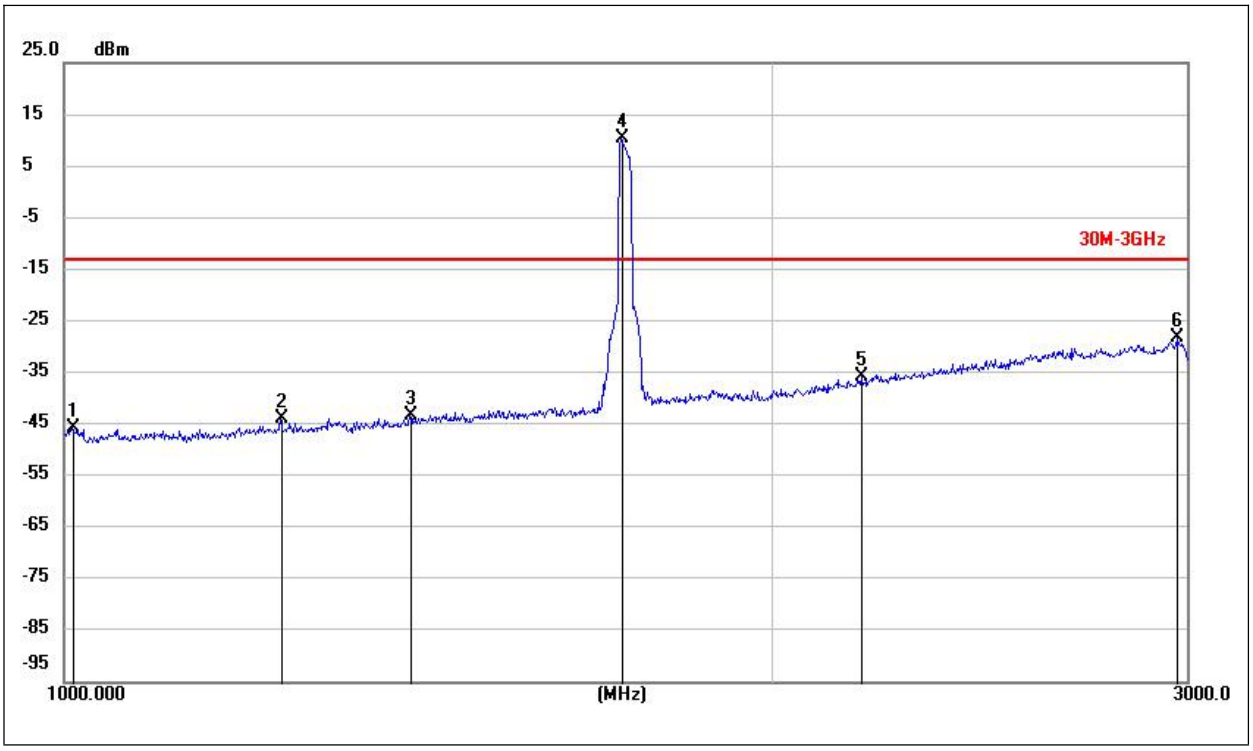
(LTE Band 4 _QPSK_ Middle Channel _ 3GHz to 18GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
4217.250	-60.86	8.61	-52.25	-13.00	-39.25	peak	PASS
6018.000	-62.20	10.90	-51.30	-13.00	-38.30	peak	PASS
8780.250	-64.71	13.91	-50.80	-13.00	-37.80	peak	PASS
11731.500	-67.60	15.14	-52.46	-13.00	-39.46	peak	PASS
14099.250	-68.52	19.14	-49.38	-13.00	-36.38	peak	PASS
17720.250	-69.47	25.61	-43.86	-13.00	-30.86	peak	PASS



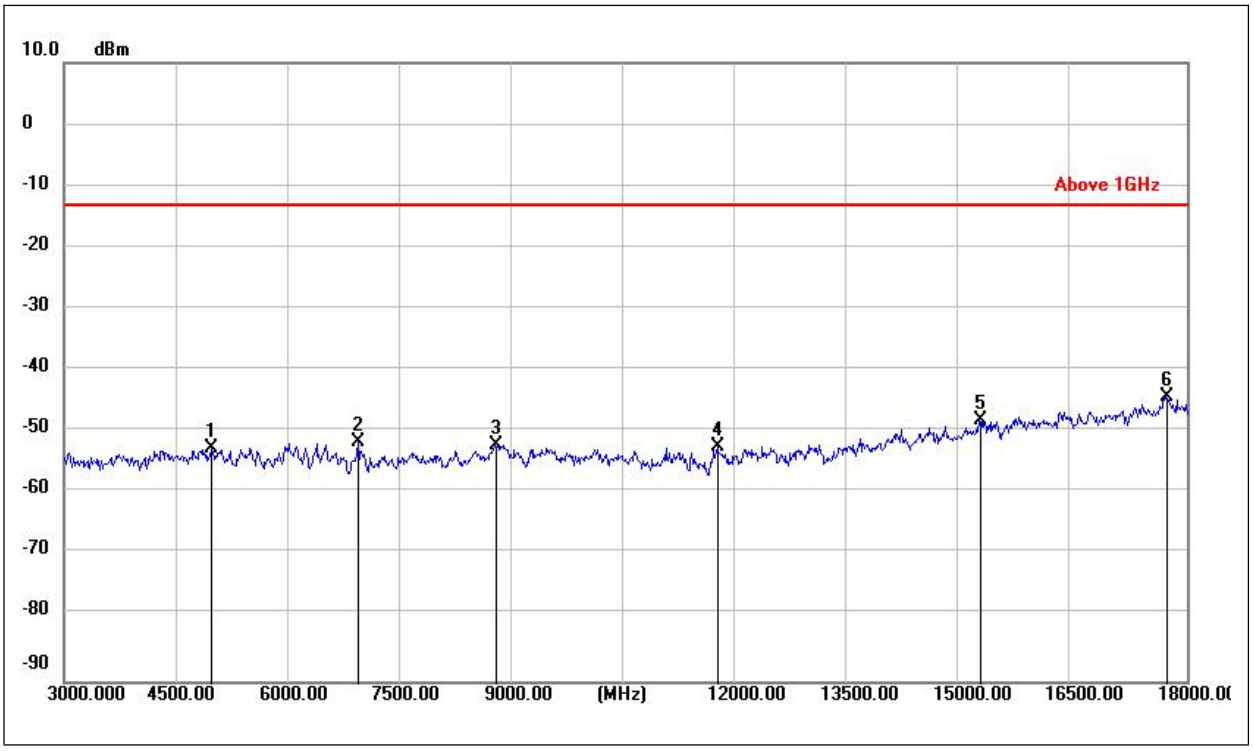
(LTE Band 4 _QPSK_ Middle Channel _ 30MHz to 1GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
40.4739	-78.93	21.07	-57.86	-13.00	-44.86	peak	PASS
59.3676	-82.48	23.70	-58.78	-13.00	-45.78	peak	PASS
117.6487	-97.45	30.99	-66.46	-13.00	-53.46	peak	PASS
226.0994	-85.13	23.98	-61.15	-13.00	-48.15	peak	PASS
408.9460	-85.38	29.96	-55.42	-13.00	-42.42	peak	PASS
610.0287	-85.26	34.38	-50.88	-13.00	-37.88	peak	PASS



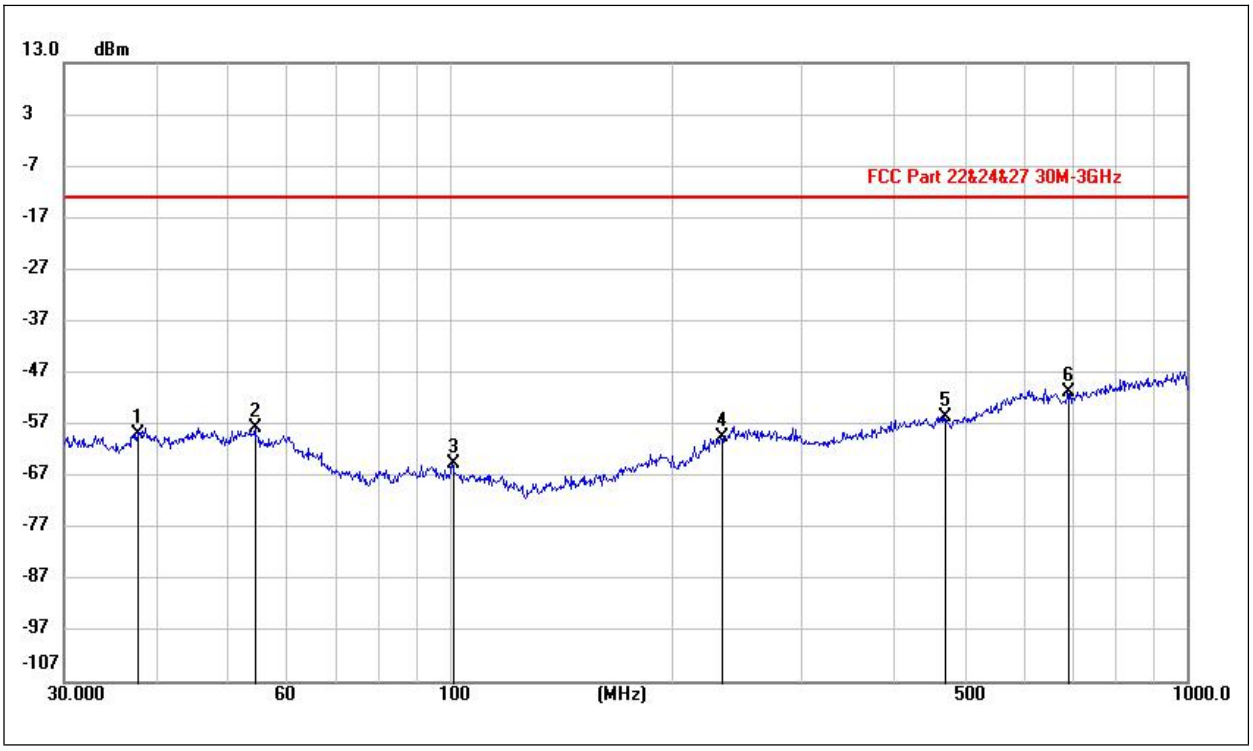
(LTE Band 4 _QPSK_ Middle Channel _ 1GHz to 3GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
1007.831	-84.24	38.67	-45.57	-13.00	-32.57	peak	PASS
1237.071	-85.32	41.31	-44.01	-13.00	-31.01	peak	PASS
1403.973	-85.60	42.39	-43.21	-13.00	-30.21	peak	PASS
1725.972	-34.86	45.12	10.26	-13.00	N/A	peak	N/A
2183.542	-85.23	49.35	-35.88	-13.00	-22.88	peak	PASS
2972.116	-83.96	55.78	-28.18	-13.00	-15.18	peak	PASS



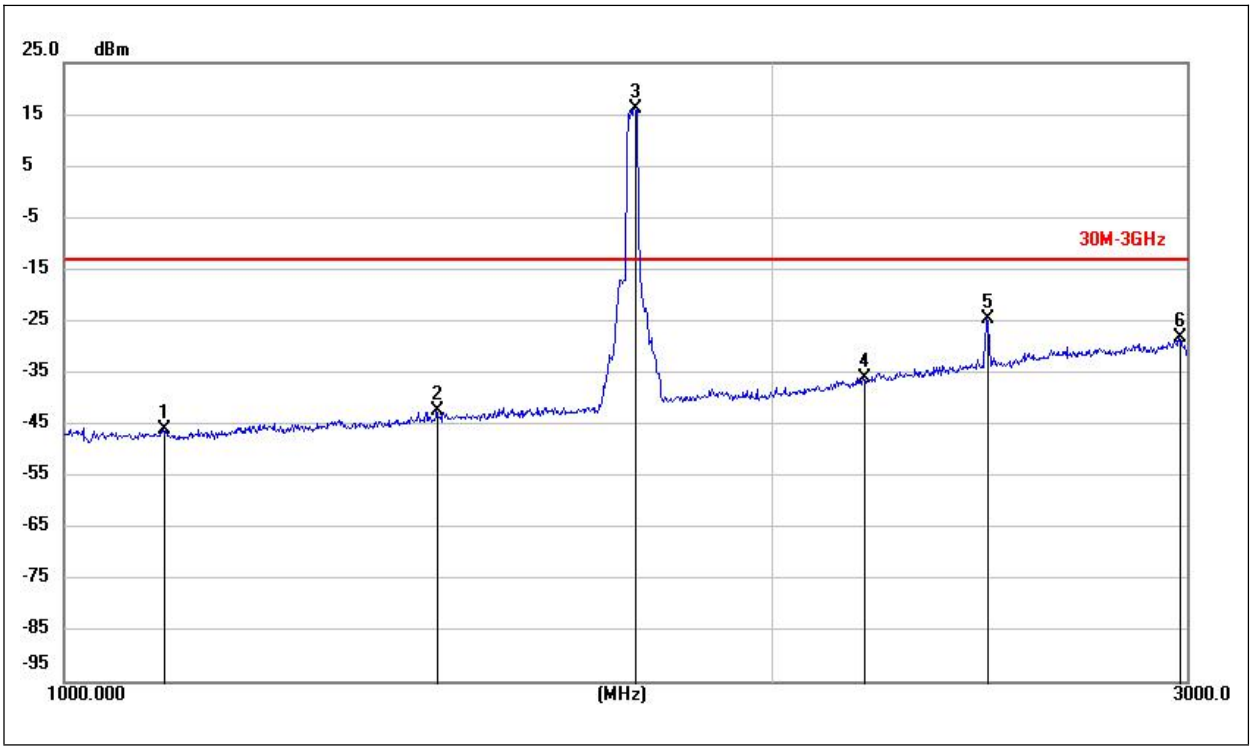
(LTE Band 4 _QPSK_ Middle Channel _ 3GHz to 18GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
4971.000	-61.87	9.57	-52.30	-13.00	-39.30	peak	PASS
6930.000	-62.20	11.01	-51.19	-13.00	-38.19	peak	PASS
8769.750	-65.51	13.92	-51.59	-13.00	-38.59	peak	PASS
11738.250	-66.98	15.09	-51.89	-13.00	-38.89	peak	PASS
15238.500	-68.68	21.01	-47.67	-13.00	-34.67	peak	PASS
17716.500	-68.19	24.42	-43.77	-13.00	-30.77	peak	PASS



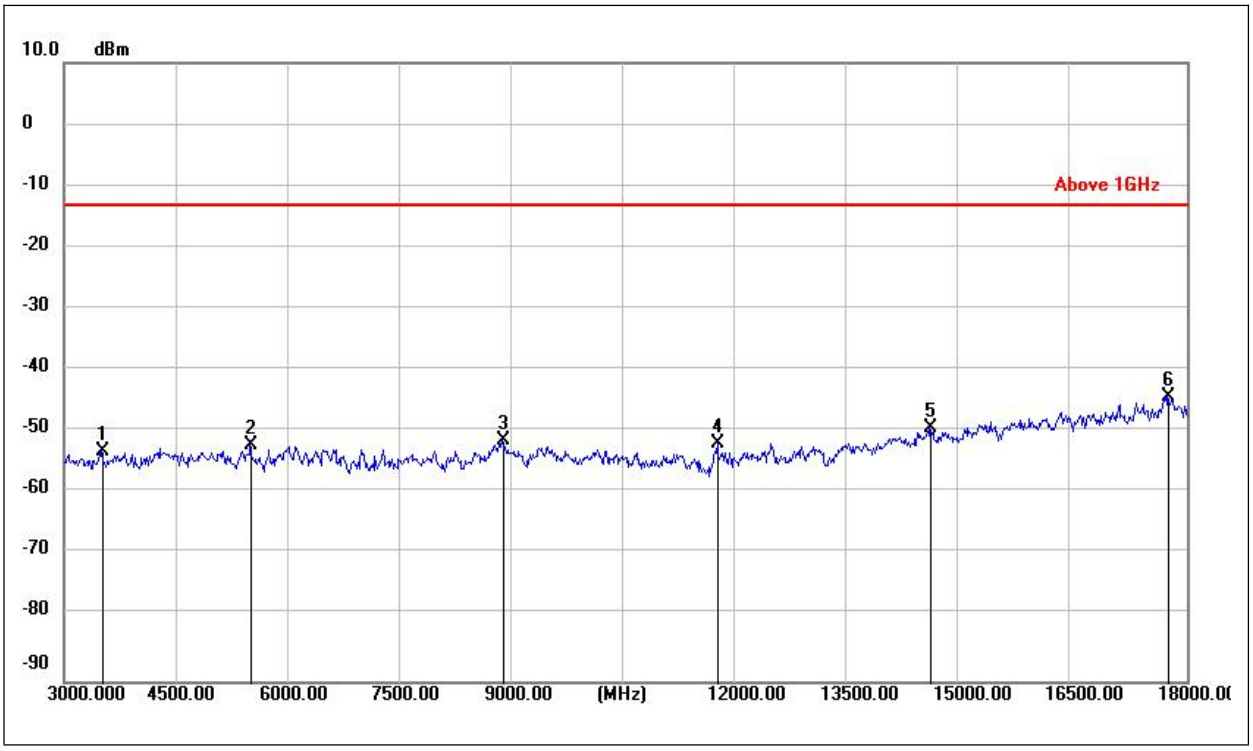
(LTE Band 4 _QPSK_ High Channel _ 30MHz to 1GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
37.6798	-88.02	29.20	-58.82	-13.00	-45.82	peak	PASS
54.6237	-86.88	29.19	-57.69	-13.00	-44.69	peak	PASS
101.0579	-86.97	22.38	-64.59	-13.00	-51.59	peak	PASS
233.8401	-87.36	27.77	-59.59	-13.00	-46.59	peak	PASS
469.9461	-86.05	30.42	-55.63	-13.00	-42.63	peak	PASS
690.4113	-84.94	34.15	-50.79	-13.00	-37.79	peak	PASS



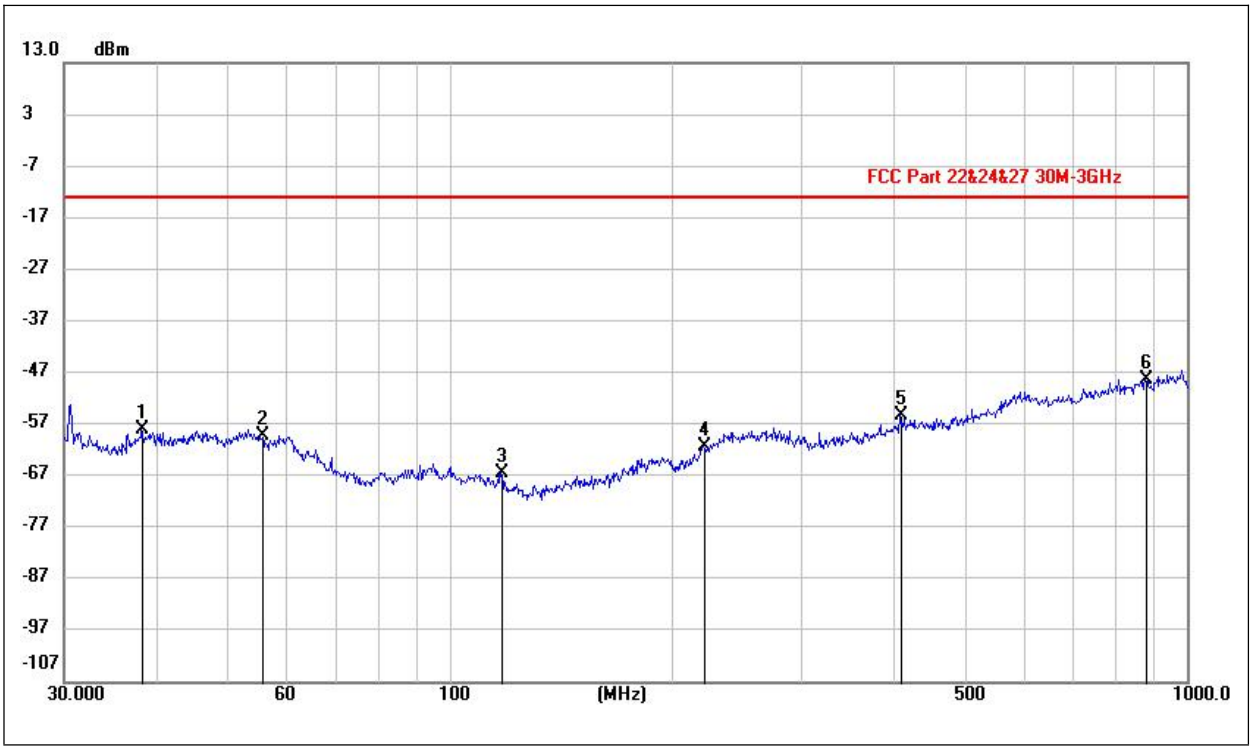
(LTE Band 4 _QPSK_ High Channel _ 1GHz to 3GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
1101.748	-86.39	40.24	-46.15	-13.00	-33.15	peak	PASS
1441.405	-85.82	43.30	-42.52	-13.00	-29.52	peak	PASS
1747.533	-29.32	45.31	15.99	-13.00	N/A	peak	N/A
2187.865	-85.29	49.31	-35.98	-13.00	-22.98	peak	PASS
2469.716	-76.96	52.49	-24.47	-13.00	-11.47	peak	PASS
2977.345	-83.95	55.66	-28.29	-13.00	-15.29	peak	PASS



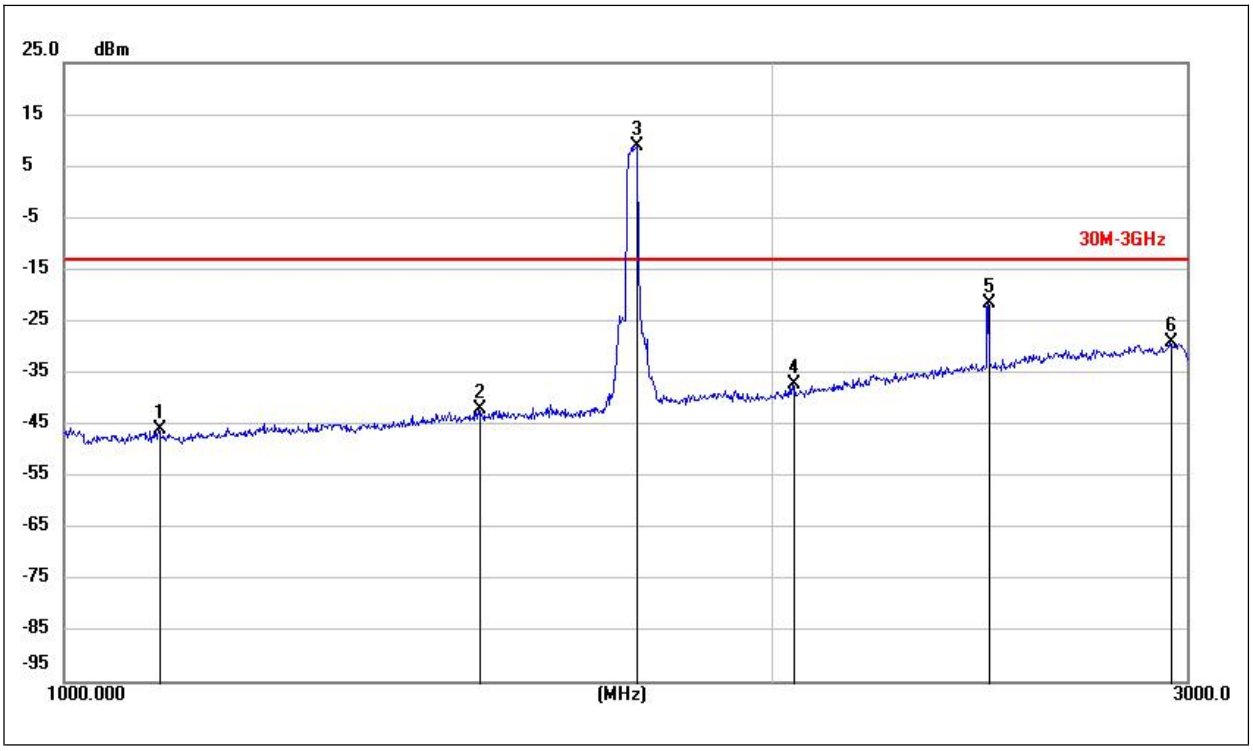
(LTE Band 4 _QPSK_ High Channel _ 3GHz to 18GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
3503.250	-59.04	6.30	-52.74	-13.00	-39.74	peak	PASS
5491.500	-62.01	10.37	-51.64	-13.00	-38.64	peak	PASS
8852.250	-64.98	14.08	-50.90	-13.00	-37.90	peak	PASS
11733.750	-66.66	15.13	-51.53	-13.00	-38.53	peak	PASS
14575.500	-68.89	20.02	-48.87	-13.00	-35.87	peak	PASS
17746.500	-70.03	26.15	-43.88	-13.00	-30.88	peak	PASS



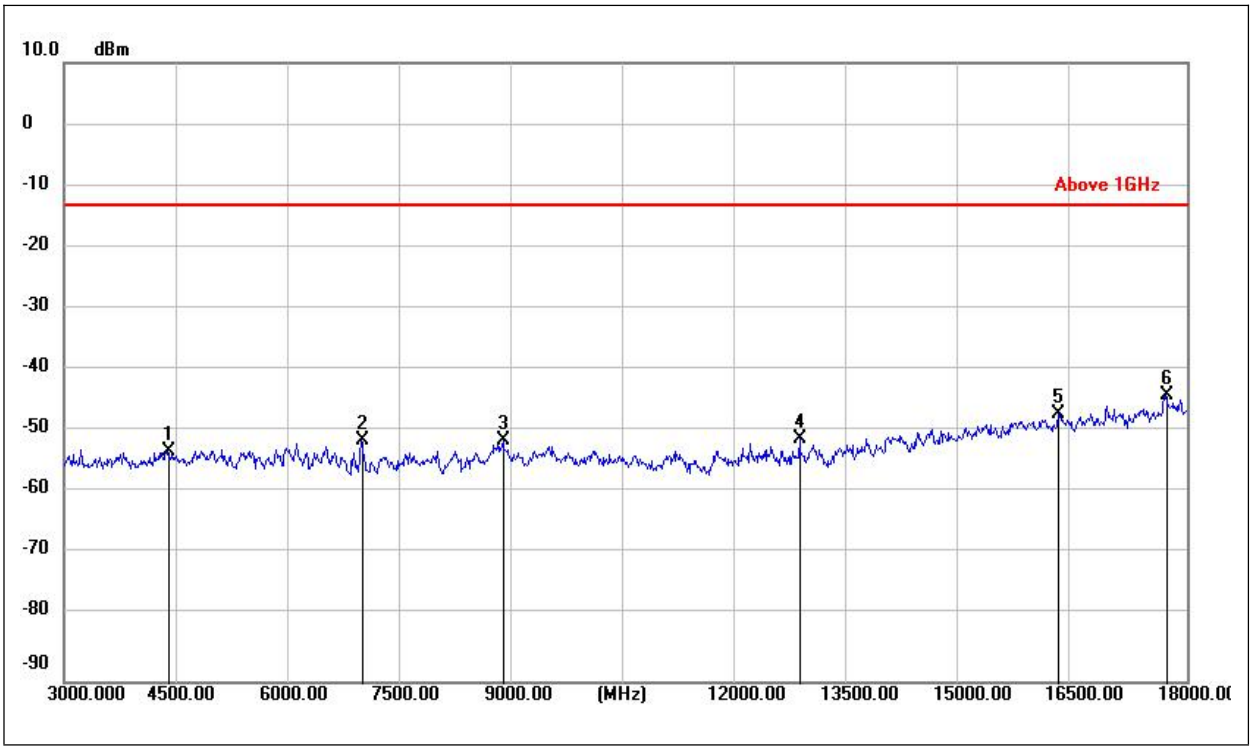
(LTE Band 4_QPSK_ High Channel _ 30MHz to 1GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
38.3328	-79.48	21.59	-57.89	-13.00	-44.89	peak	PASS
55.6094	-81.20	21.94	-59.26	-13.00	-46.26	peak	PASS
117.6487	-97.45	30.99	-66.46	-13.00	-53.46	peak	PASS
220.8493	-85.16	23.81	-61.35	-13.00	-48.35	peak	PASS
408.9460	-85.38	29.96	-55.42	-13.00	-42.42	peak	PASS
880.9433	-86.10	37.77	-48.33	-13.00	-35.33	peak	PASS



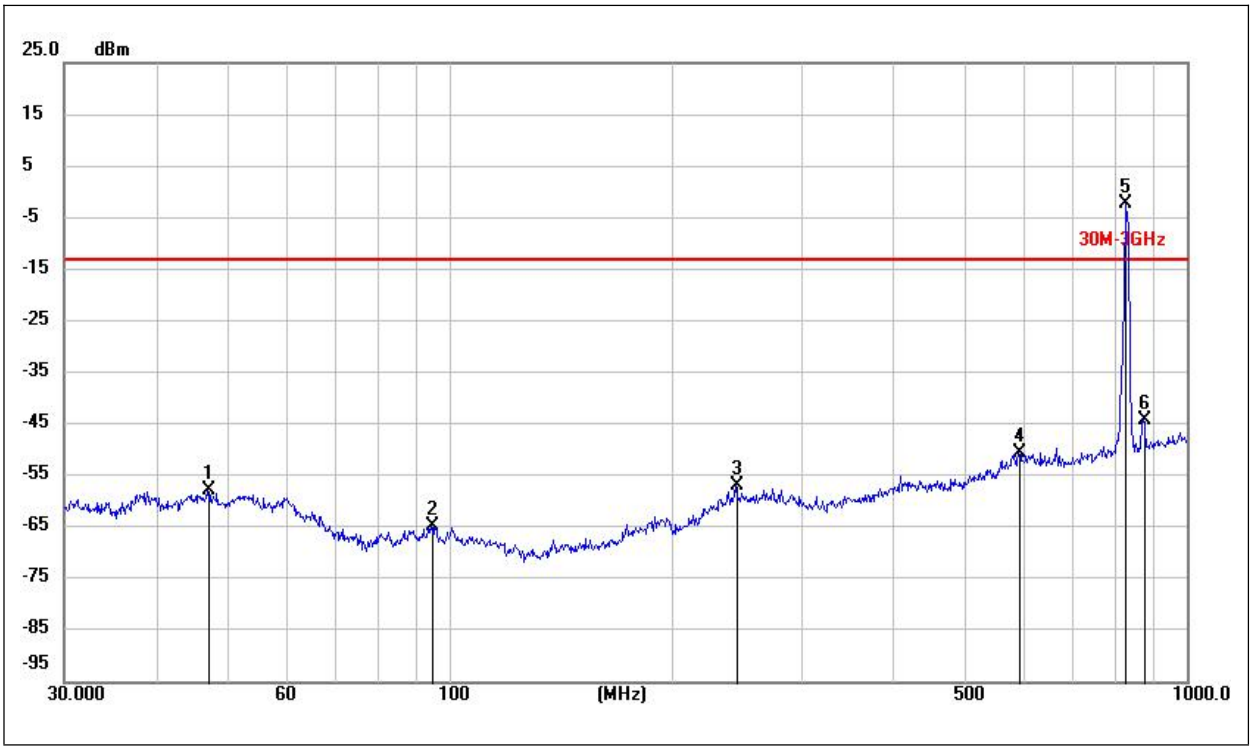
(LTE Band 4 _QPSK_ High Channel _ 1GHz to 3GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
1097.338	-85.88	39.81	-46.07	-13.00	-33.07	peak	PASS
1500.626	-85.75	43.70	-42.05	-13.00	-29.05	peak	PASS
1752.243	-36.80	45.72	8.92	-13.00	N/A	peak	N/A
2042.007	-84.36	47.16	-37.20	-13.00	-24.20	peak	PASS
2470.530	-73.92	52.38	-21.54	-13.00	-8.54	peak	PASS
2952.751	-85.02	55.76	-29.26	-13.00	-16.26	peak	PASS



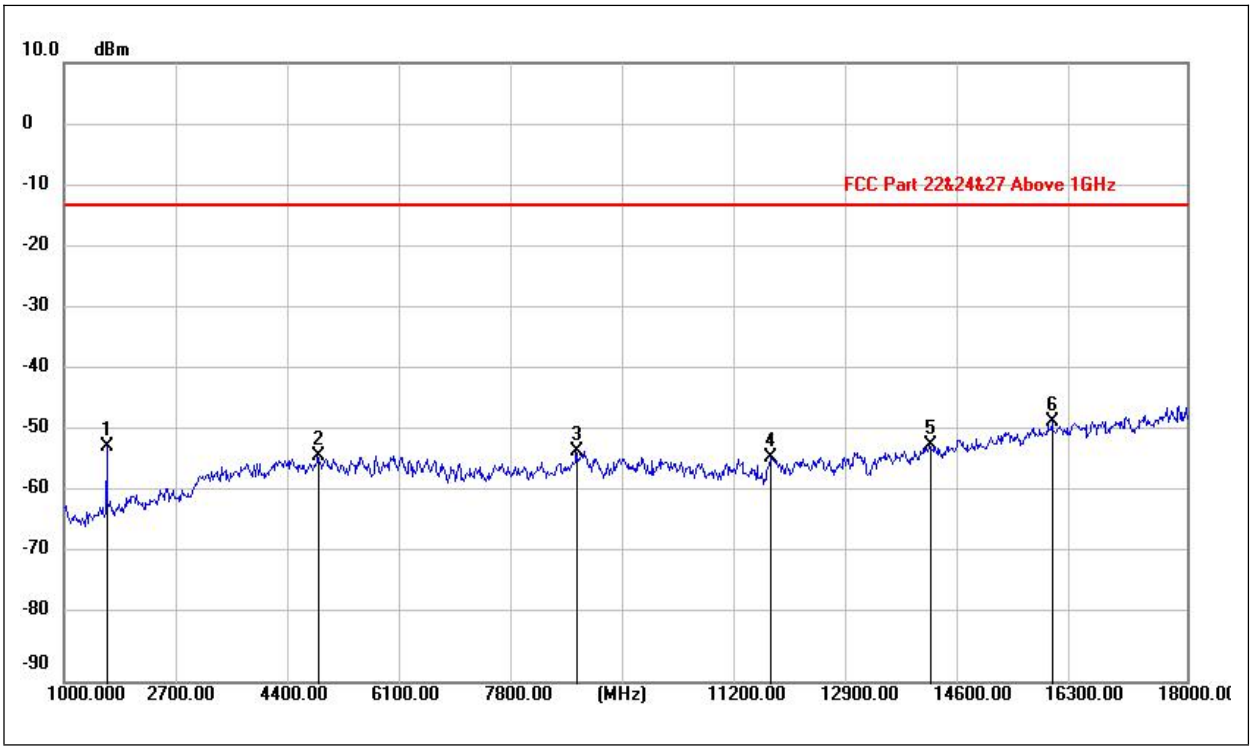
(LTE Band 4 _QPSK_ High Channel _ 3GHz to 18GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
4385.250	-62.06	9.36	-52.70	-13.00	-39.70	peak	PASS
6980.250	-62.23	11.18	-51.05	-13.00	-38.05	peak	PASS
8867.250	-65.04	14.12	-50.92	-13.00	-37.92	peak	PASS
12828.000	-67.38	16.64	-50.74	-13.00	-37.74	peak	PASS
16287.750	-68.93	22.31	-46.62	-13.00	-33.62	peak	PASS
17717.250	-68.17	24.44	-43.73	-13.00	-30.73	peak	PASS



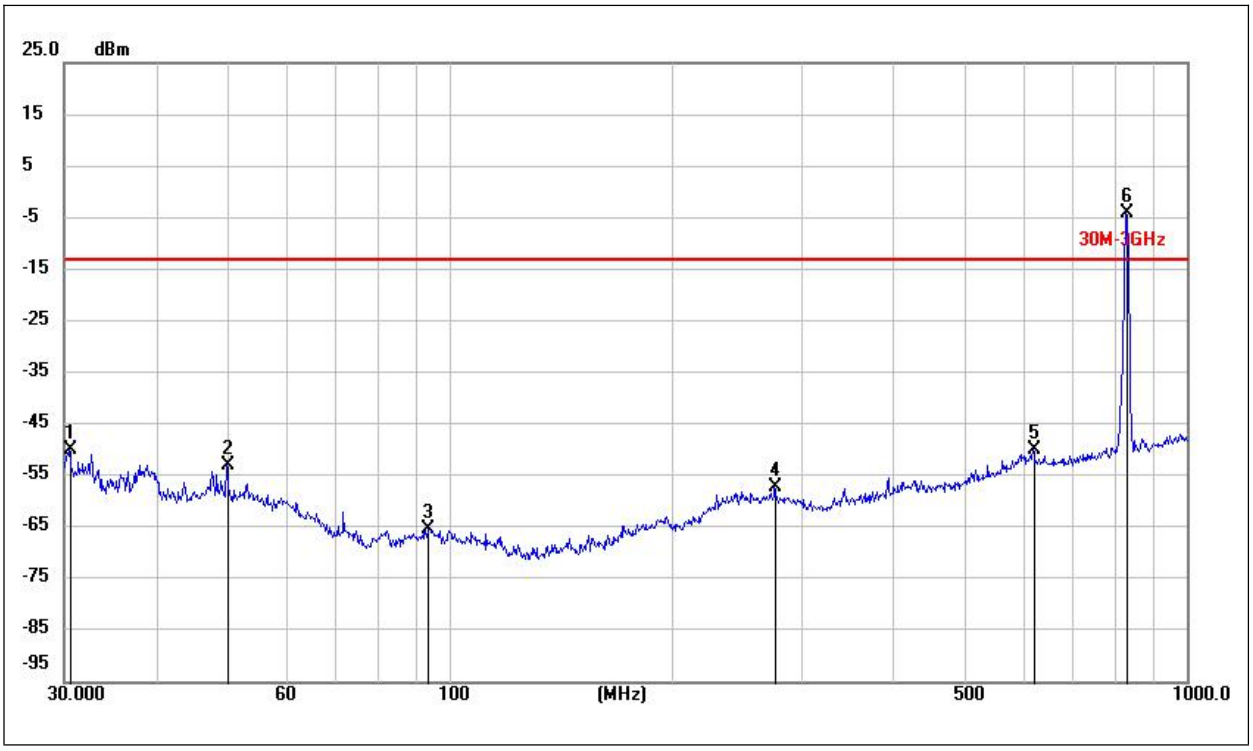
(LTE Band 5 _QPSK_ Low Channel _ 30MHz to 1GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
47.0773	-87.58	29.68	-57.90	-13.00	-44.90	peak	PASS
94.4781	-87.40	22.76	-64.64	-13.00	-51.64	peak	PASS
244.3178	-85.88	28.92	-56.96	-13.00	-43.96	peak	PASS
591.5958	-85.67	35.26	-50.41	-13.00	-37.41	peak	PASS
825.0307	-39.61	37.24	-2.37	-13.00	N/A	peak	N/A
872.7951	-81.68	37.46	-44.22	-13.00	N/A	peak	N/A



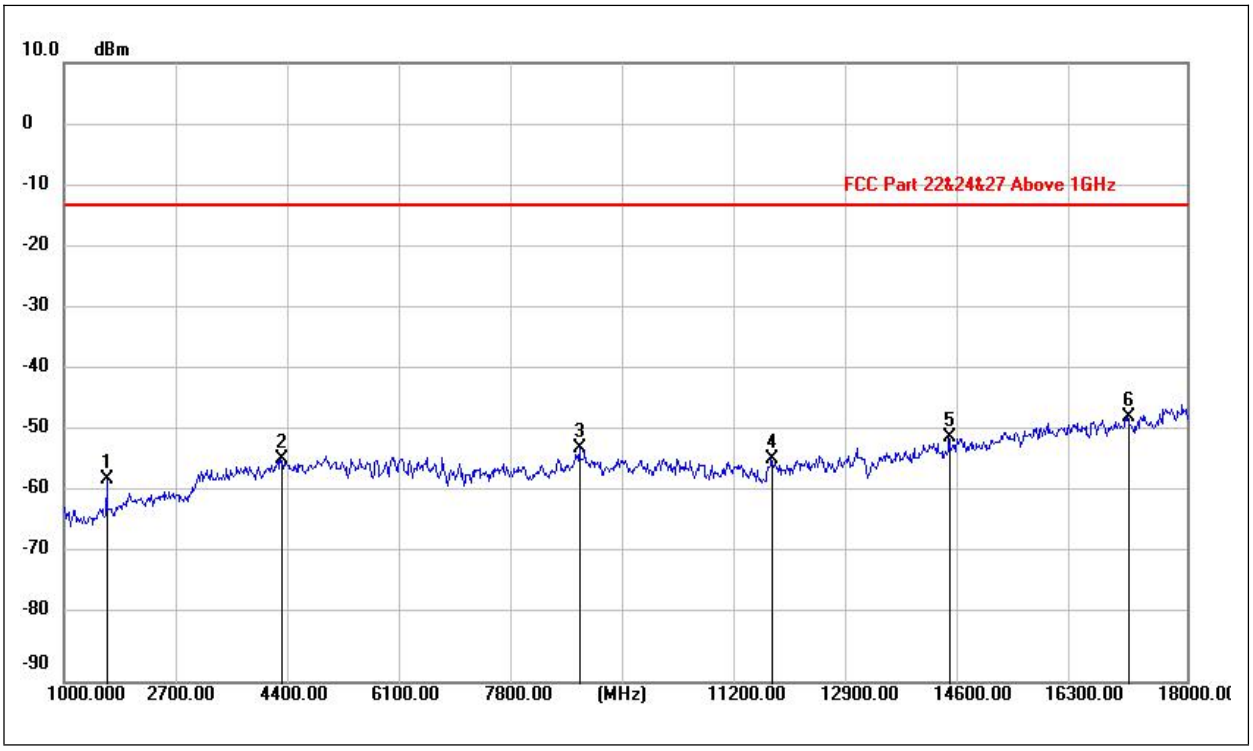
(LTE Band 5 _QPSK _ Low Channel _ 1GHz to 18GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
1652.800	-48.65	-3.18	-51.83	-13.00	-38.83	peak	PASS
4845.400	-62.09	8.62	-53.47	-13.00	-40.47	peak	PASS
8757.950	-65.30	12.67	-52.63	-13.00	-39.63	peak	PASS
11697.250	-67.75	14.03	-53.72	-13.00	-40.72	peak	PASS
14112.950	-69.85	18.15	-51.70	-13.00	-38.70	peak	PASS
15967.650	-69.08	21.08	-48.00	-13.00	-35.00	peak	PASS



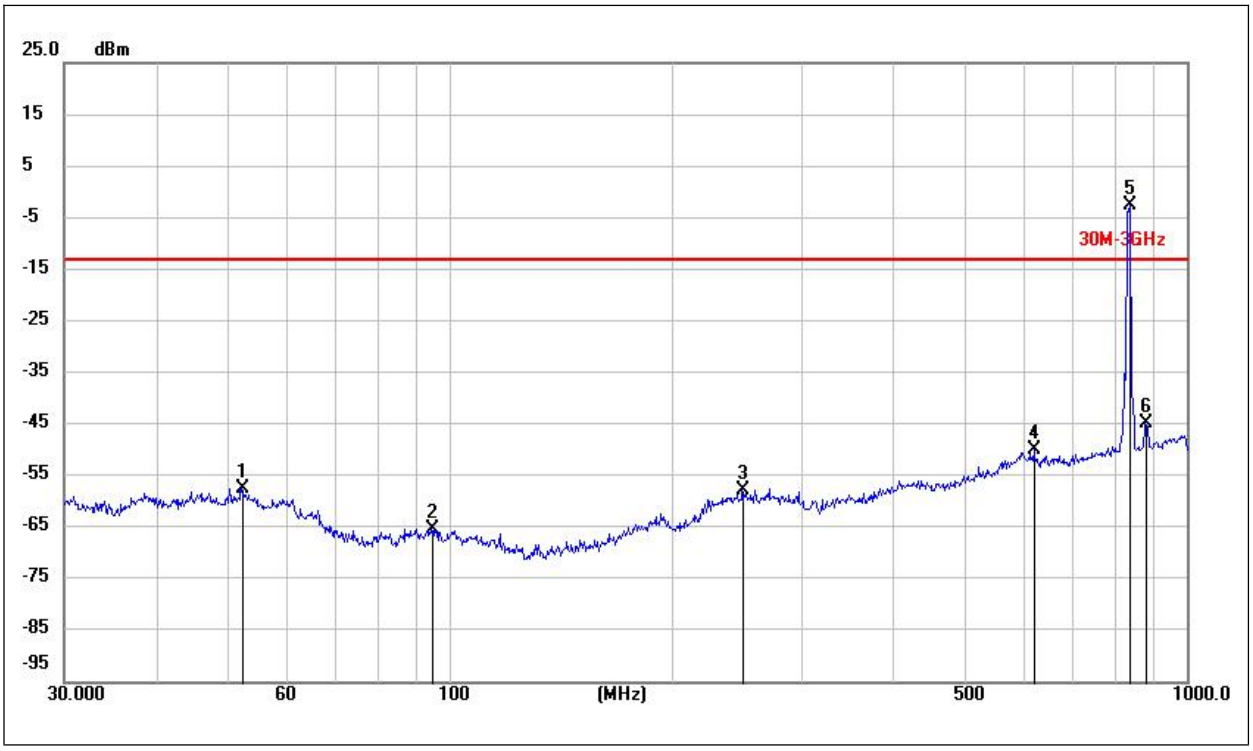
(LTE Band 5 _ QPSK _ Low Channel _ 30MHz to 1GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
30.6325	-69.60	19.73	-49.87	-13.00	-36.87	peak	PASS
49.9777	-74.93	22.01	-52.92	-13.00	-39.92	peak	PASS
93.5222	-91.42	26.10	-65.32	-13.00	-52.32	peak	PASS
276.2689	-83.71	26.66	-57.05	-13.00	-44.05	peak	PASS
620.0570	-84.32	34.27	-50.05	-13.00	-37.05	peak	PASS
828.9455	-41.06	36.98	-4.08	-13.00	N/A	peak	N/A



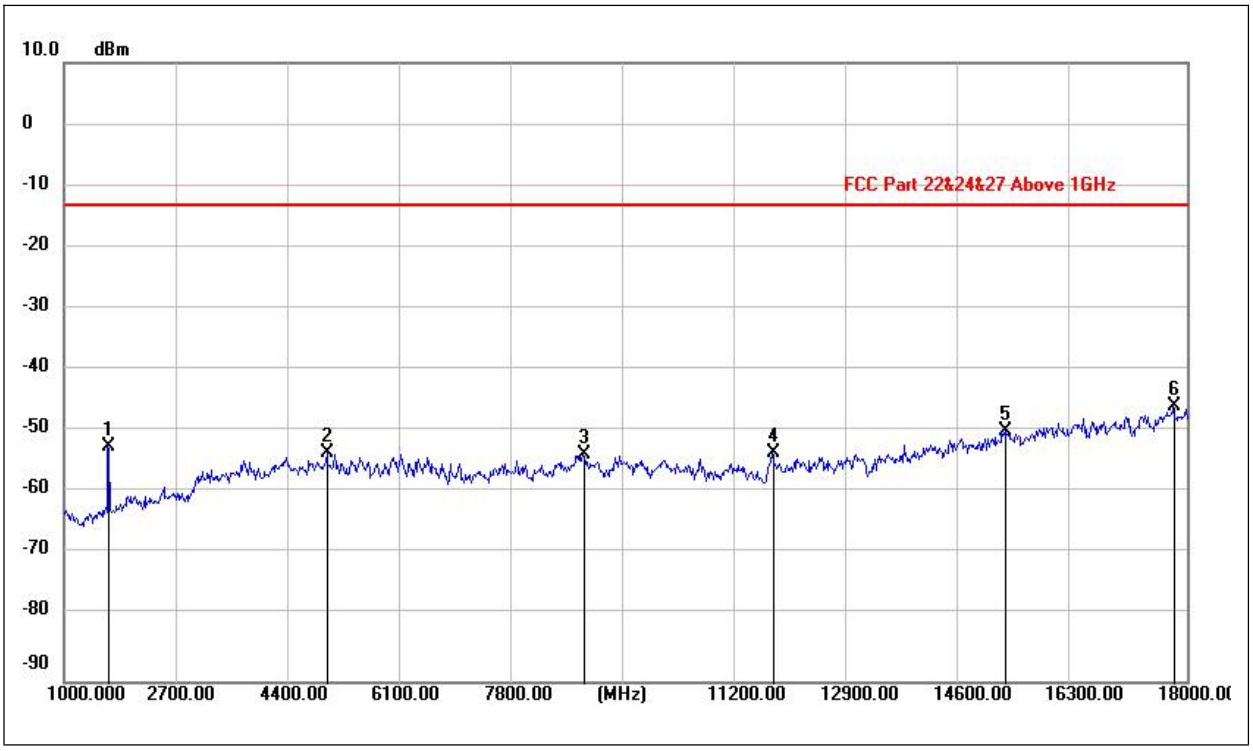
(LTE Band 5 _ QPSK _ Low Channel _ 1GHz to 18GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
1651.950	-54.07	-3.16	-57.23	-13.00	-44.23	peak	PASS
4283.550	-61.34	7.41	-53.93	-13.00	-40.93	peak	PASS
8814.900	-65.21	12.98	-52.23	-13.00	-39.23	peak	PASS
11718.500	-67.94	13.99	-53.95	-13.00	-40.95	peak	PASS
14412.150	-69.22	18.75	-50.47	-13.00	-37.47	peak	PASS
17115.150	-69.70	22.47	-47.23	-13.00	-34.23	peak	PASS



(LTE Band 5 _ QPSK_Middle Channel _ 30MHz to 1GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
52.2628	-87.25	29.82	-57.43	-13.00	-44.43	peak	PASS
94.5444	-88.08	22.77	-65.31	-13.00	-52.31	peak	PASS
249.6875	-86.93	29.11	-57.82	-13.00	-44.82	peak	PASS
622.7808	-85.12	35.27	-49.85	-13.00	-36.85	peak	PASS
839.1818	-39.63	36.99	-2.64	-13.00	N/A	peak	N/A
880.6344	-82.20	37.47	-44.73	-13.00	N/A	peak	N/A

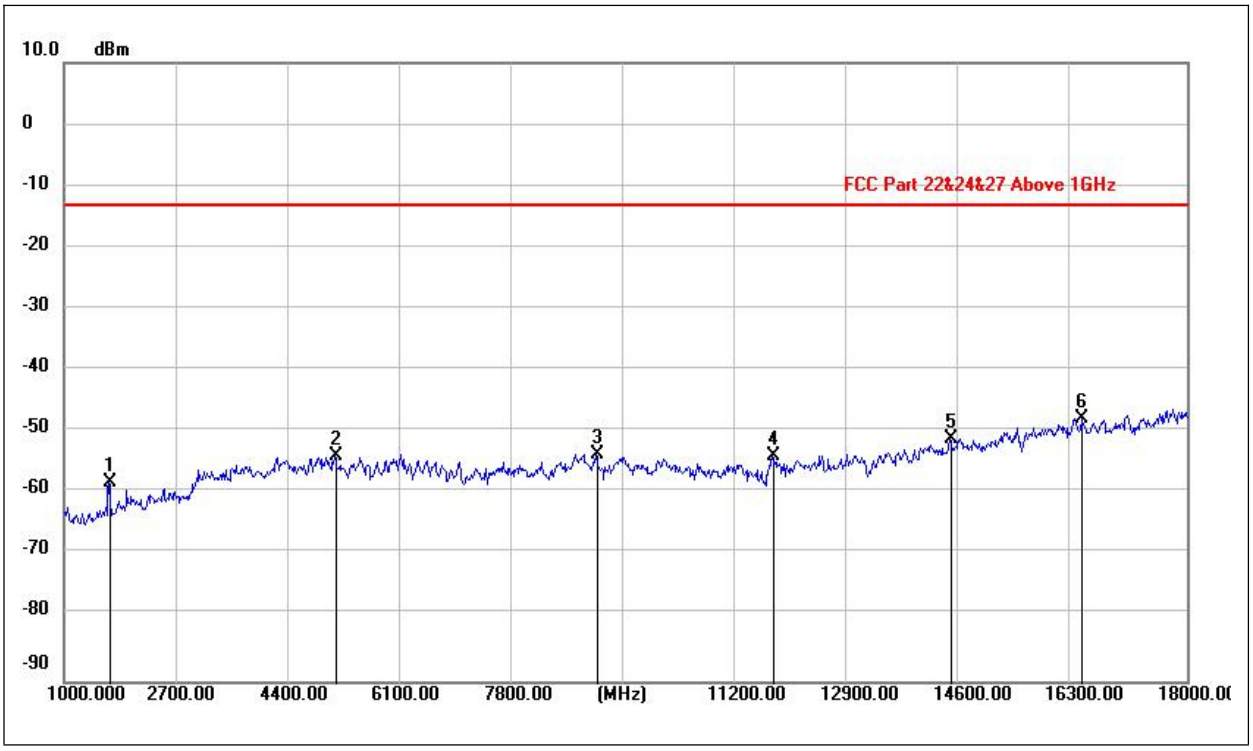


(LTE Band 5 _ QPSK_Middle Channel _ 1GHz to 18GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
1678.300	-49.06	-2.93	-51.99	-13.00	-38.99	peak	PASS
4993.300	-61.89	8.83	-53.06	-13.00	-40.06	peak	PASS
8860.800	-66.20	12.92	-53.28	-13.00	-40.28	peak	PASS
11735.500	-66.88	14.04	-52.84	-13.00	-39.84	peak	PASS
15259.600	-70.00	20.68	-49.32	-13.00	-36.32	peak	PASS
17801.100	-70.37	24.90	-45.47	-13.00	-32.47	peak	PASS

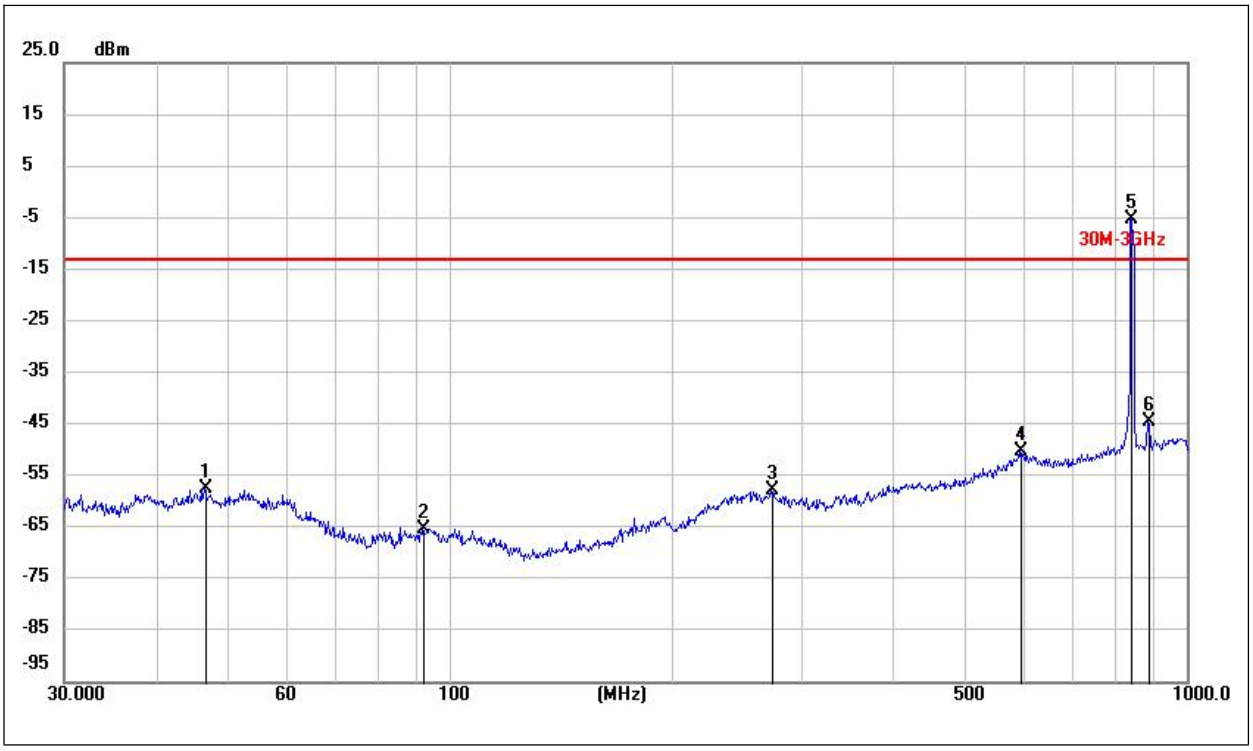
(LTE Band 5 _QPSK_ Middle Channel _ 30MHz to 1GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
30.4558	-70.37	19.68	-50.69	-13.00	-37.69	peak	PASS
49.9777	-74.46	22.01	-52.45	-13.00	-39.45	peak	PASS
95.4772	-92.02	27.30	-64.72	-13.00	-51.72	peak	PASS
250.2134	-83.16	25.19	-57.97	-13.00	-44.97	peak	PASS
595.6548	-84.39	34.58	-49.81	-13.00	-36.81	peak	PASS
833.1710	-41.49	36.98	-4.51	-13.00	N/A	peak	N/A



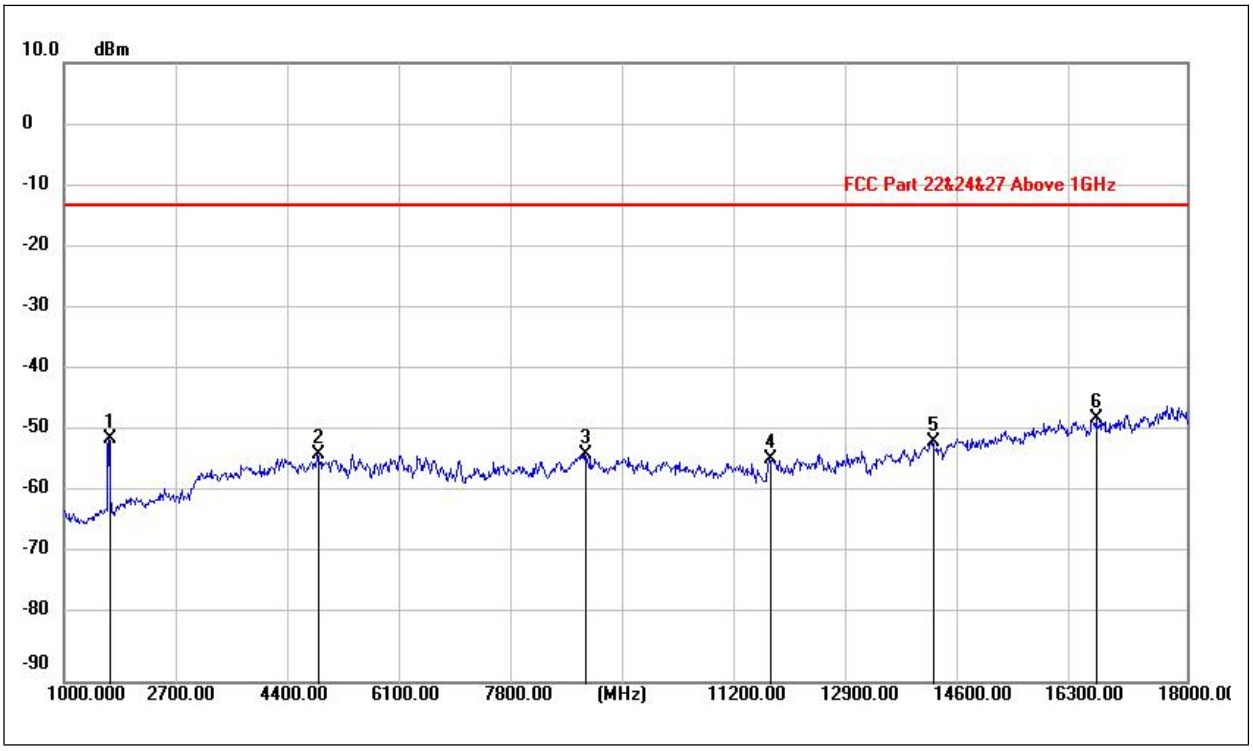
(LTE Band 5 _QPSK_ Middle Channel _ 1GHz to 18GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
1680.850	-55.05	-2.77	-57.82	-13.00	-44.82	peak	PASS
5104.650	-62.20	8.68	-53.52	-13.00	-40.52	peak	PASS
9069.900	-66.16	13.09	-53.07	-13.00	-40.07	peak	PASS
11731.250	-67.47	14.00	-53.47	-13.00	-40.47	peak	PASS
14419.800	-69.52	18.76	-50.76	-13.00	-37.76	peak	PASS
16404.550	-68.54	21.15	-47.39	-13.00	-34.39	peak	PASS



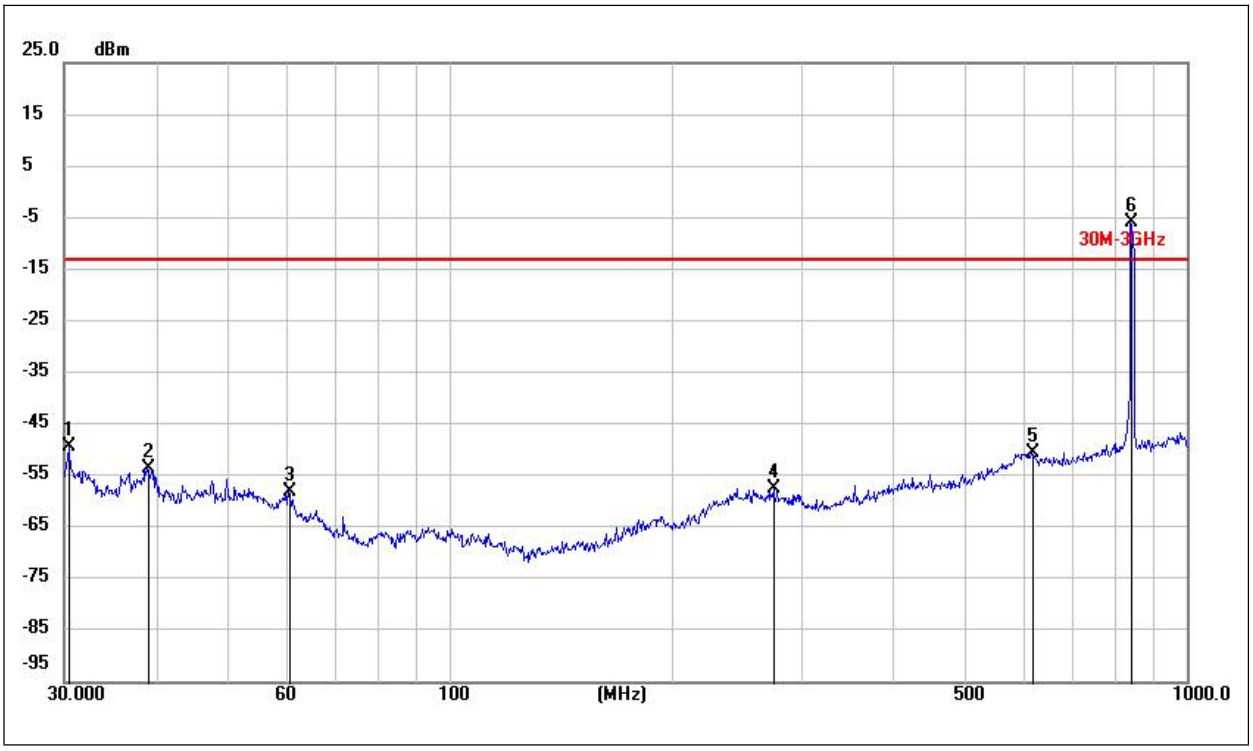
(LTE Band 5 _QPSK_ High Channel _ 30MHz to 1GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
46.6010	-87.20	29.73	-57.47	-13.00	-44.47	peak	PASS
91.8485	-86.99	21.75	-65.24	-13.00	-52.24	peak	PASS
273.6176	-86.78	28.99	-57.79	-13.00	-44.79	peak	PASS
593.4657	-85.68	35.48	-50.20	-13.00	-37.20	peak	PASS
841.9820	-42.23	37.06	-5.17	-13.00	N/A	peak	N/A
886.5212	-82.03	37.48	-44.55	-13.00	N/A	peak	N/A



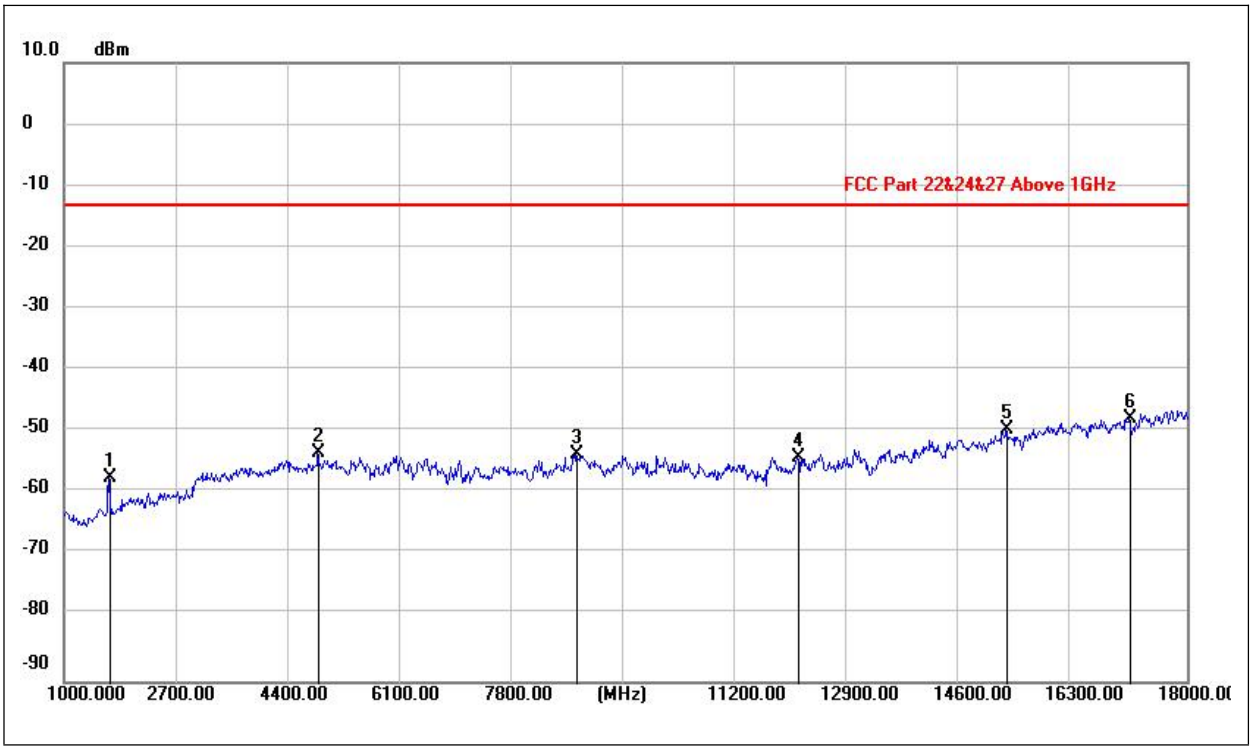
(LTE Band 5 _QPSK_ High Channel _ 1GHz to 18GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
1682.550	-47.55	-3.04	-50.59	-13.00	-37.59	peak	PASS
4842.850	-61.90	8.63	-53.27	-13.00	-40.27	peak	PASS
8890.550	-66.08	13.00	-53.08	-13.00	-40.08	peak	PASS
11691.300	-67.92	14.01	-53.91	-13.00	-40.91	peak	PASS
14154.600	-69.22	18.10	-51.12	-13.00	-38.12	peak	PASS
16633.200	-69.96	22.49	-47.47	-13.00	-34.47	peak	PASS



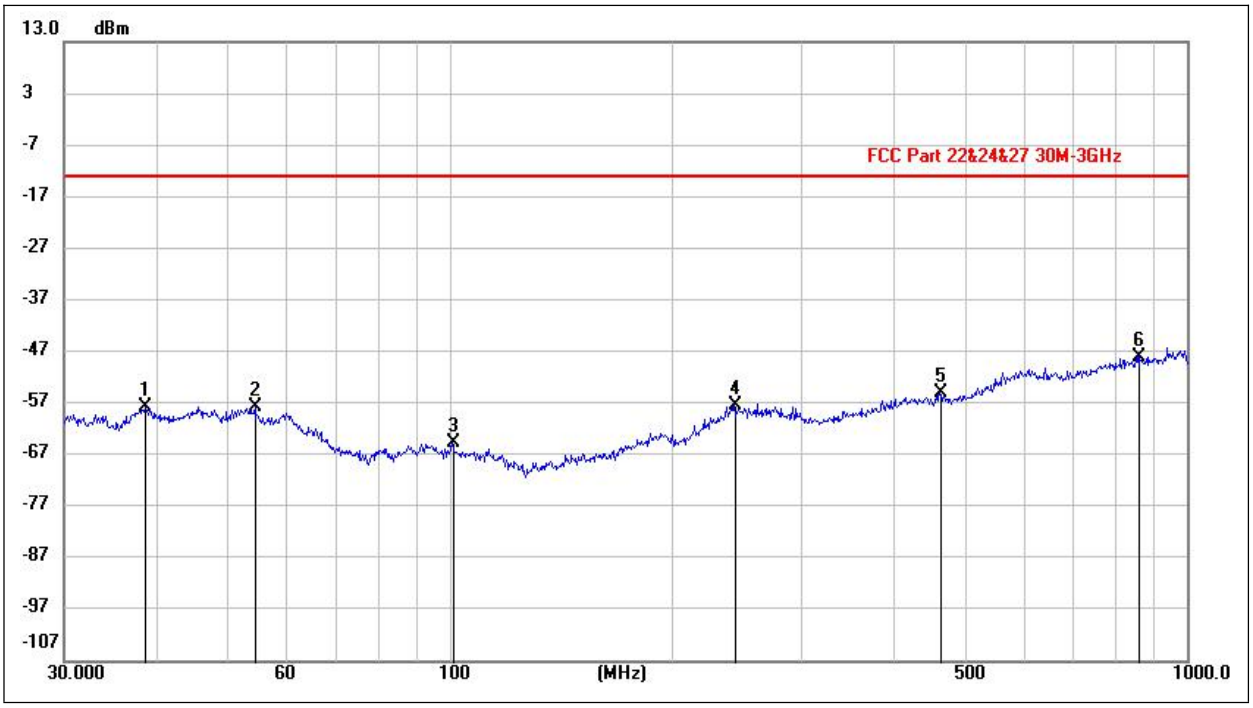
(LTE Band 5 _QPSK_ High Channel _ 30MHz to 1GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
30.4825	-68.95	19.68	-49.27	-13.00	-36.27	peak	PASS
38.9152	-75.04	21.64	-53.40	-13.00	-40.40	peak	PASS
60.5662	-82.30	24.09	-58.21	-13.00	-45.21	peak	PASS
275.7366	-84.13	26.69	-57.44	-13.00	-44.44	peak	PASS
616.6960	-84.85	34.32	-50.53	-13.00	-37.53	peak	PASS
841.3917	-43.11	37.13	-5.98	-13.00	N/A	peak	N/A



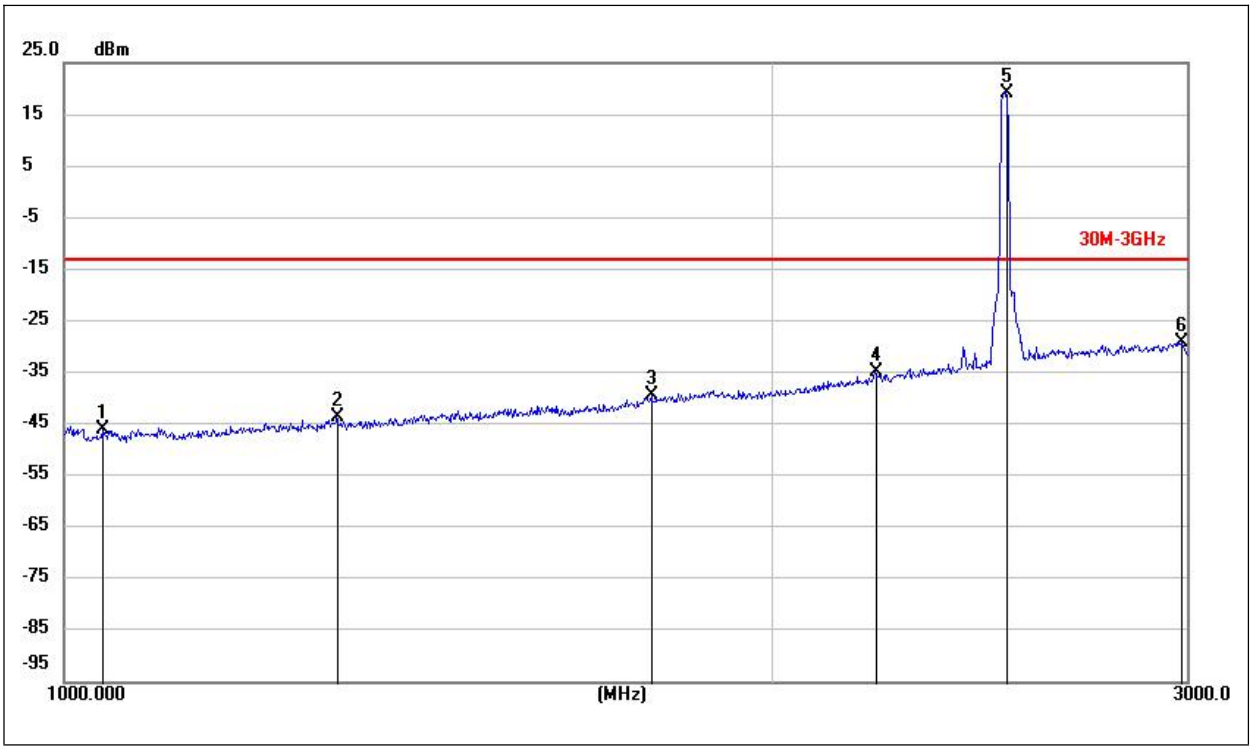
(LTE Band 5 _QPSK_ High Channel _ 1GHz to 18GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
1680.850	-54.18	-2.77	-56.95	-13.00	-43.95	peak	PASS
4852.200	-61.40	8.36	-53.04	-13.00	-40.04	peak	PASS
8768.150	-66.00	12.85	-53.15	-13.00	-40.15	peak	PASS
12108.650	-68.03	14.30	-53.73	-13.00	-40.73	peak	PASS
15268.950	-69.66	20.61	-49.05	-13.00	-36.05	peak	PASS
17135.550	-70.09	22.65	-47.44	-13.00	-34.44	peak	PASS



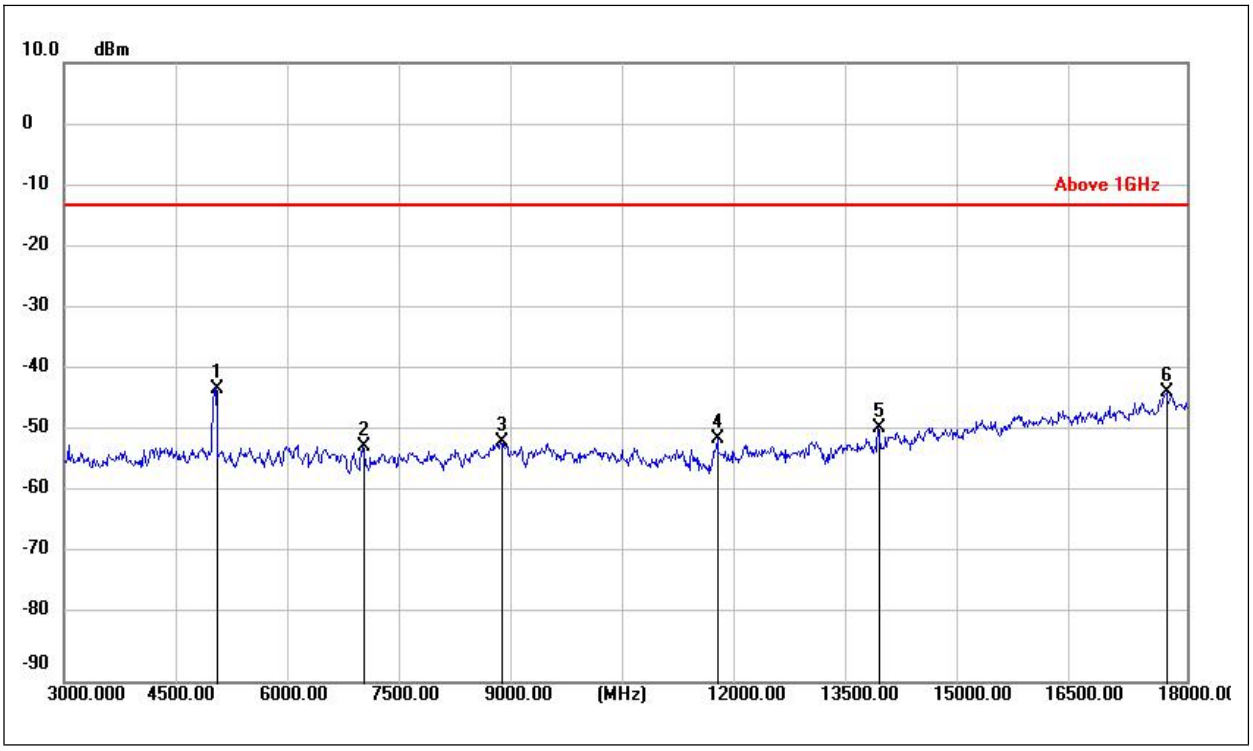
(LTE Band 7_QPSK _ Low Channel _ 30MHz to 1GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
38.7382	-87.34	29.66	-57.68	-13.00	-44.68	peak	PASS
54.6237	-86.88	29.19	-57.69	-13.00	-44.69	peak	PASS
101.0579	-86.97	22.38	-64.59	-13.00	-51.59	peak	PASS
243.5052	-86.19	28.74	-57.45	-13.00	-44.45	peak	PASS
463.5631	-85.42	30.53	-54.89	-13.00	-41.89	peak	PASS
858.3781	-85.35	37.44	-47.91	-13.00	-34.91	peak	PASS



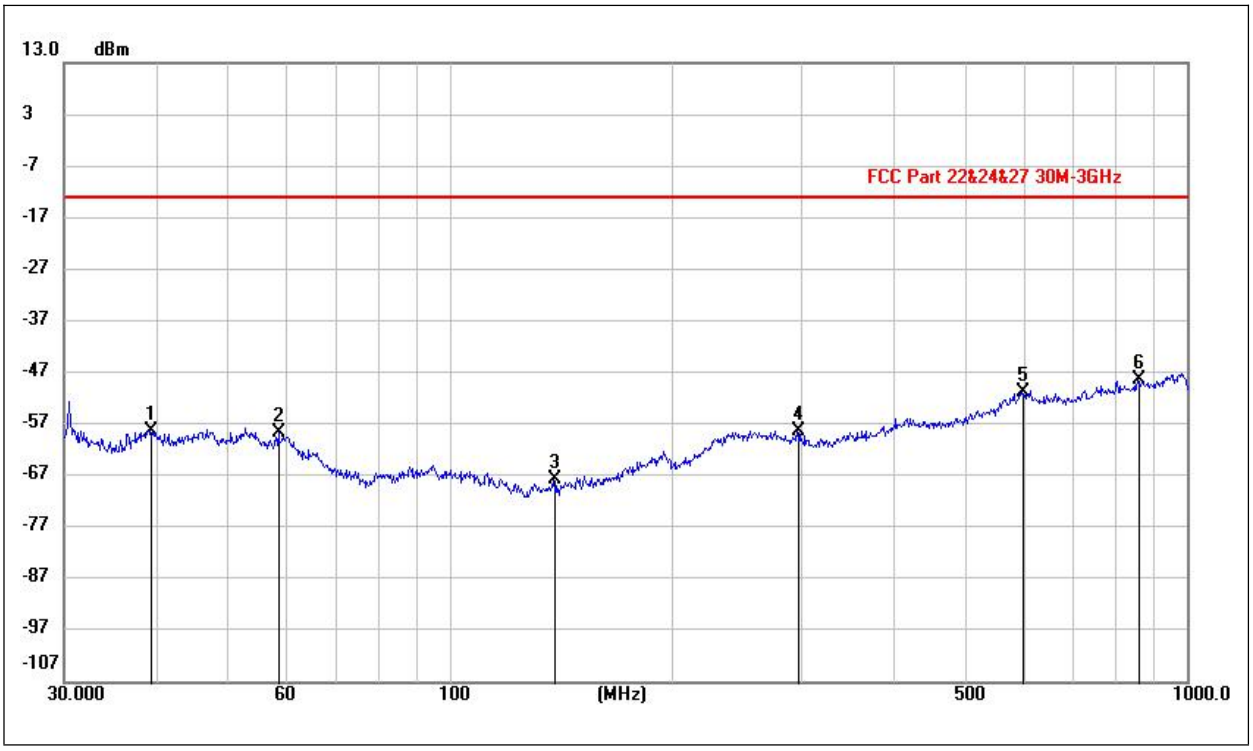
(LTE Band 7 _QPSK _ Low Channel _ 1GHz to 3GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
1038.287	-85.35	39.42	-45.93	-13.00	-32.93	peak	PASS
1306.135	-85.78	42.23	-43.55	-13.00	-30.55	peak	PASS
1777.643	-85.13	45.82	-39.31	-13.00	-26.31	peak	PASS
2212.763	-85.15	50.18	-34.97	-13.00	-21.97	peak	PASS
2513.788	-32.79	52.06	19.27	-13.00	N/A	peak	N/A
2984.713	-84.97	55.74	-29.23	-13.00	-16.23	peak	PASS



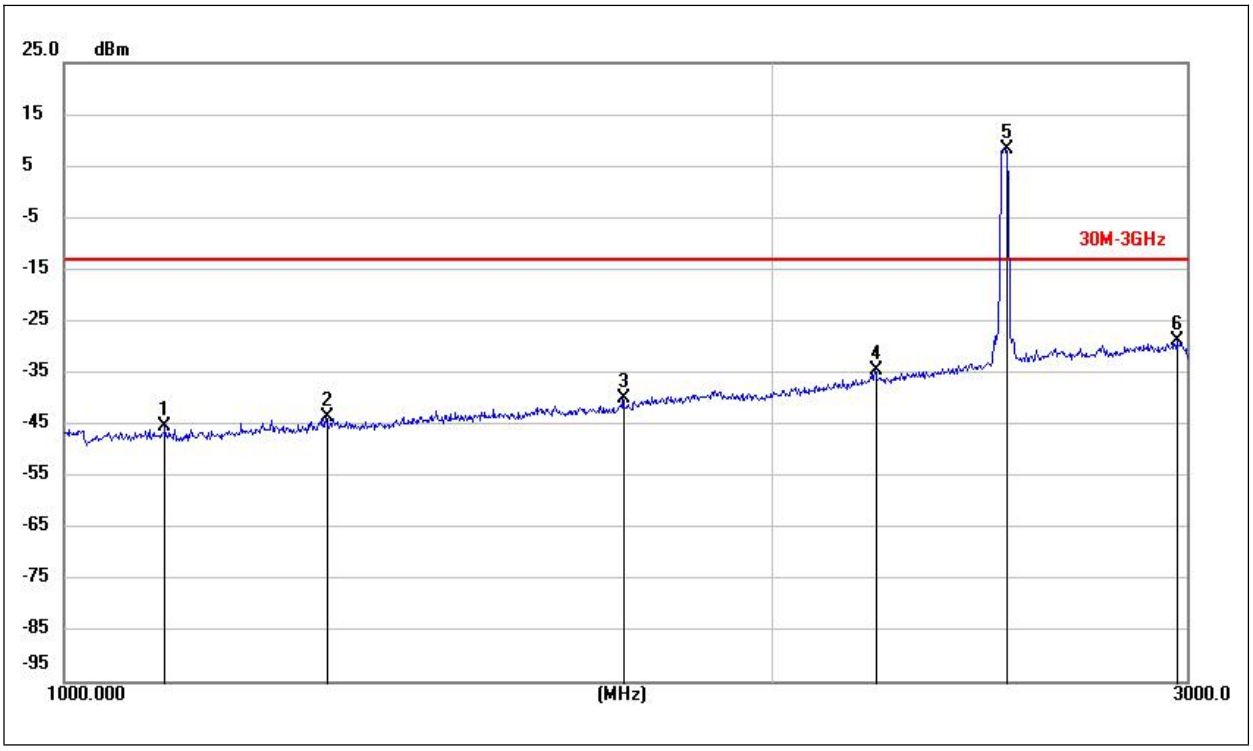
(LTE Band 7 _QPSK _ Low Channel _ 3GHz to 18GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
5027.250	-52.49	9.96	-42.53	-13.00	-29.53	peak	PASS
6993.750	-63.09	11.22	-51.87	-13.00	-38.87	peak	PASS
8838.000	-65.18	14.08	-51.10	-13.00	-38.10	peak	PASS
11735.250	-65.93	15.14	-50.79	-13.00	-37.79	peak	PASS
13885.500	-67.70	18.67	-49.03	-13.00	-36.03	peak	PASS
17730.000	-69.07	25.81	-43.26	-13.00	-30.26	peak	PASS



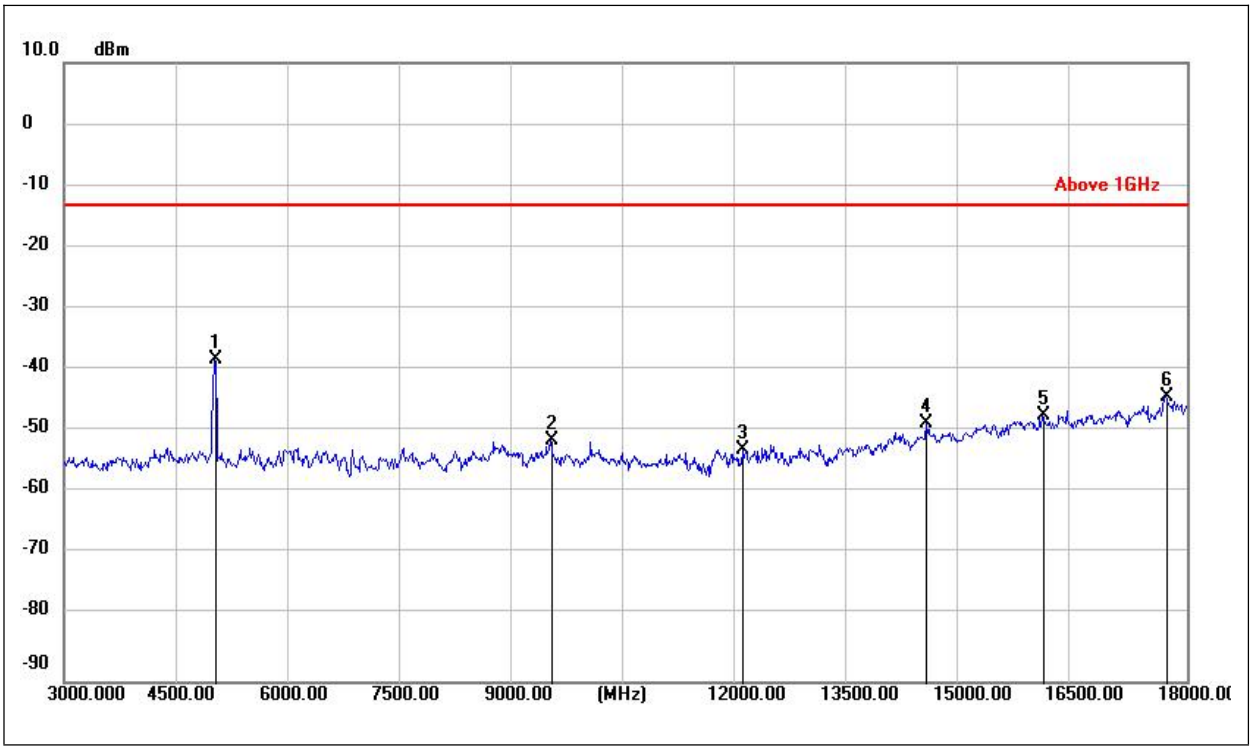
(LTE Band 7 _ QPSK _ Low Channel _ 30MHz to 1GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
39.3750	-79.82	21.51	-58.31	-13.00	-45.31	peak	PASS
58.6332	-81.69	22.96	-58.73	-13.00	-45.73	peak	PASS
138.8248	-91.71	24.08	-67.63	-13.00	-54.63	peak	PASS
296.7034	-85.77	27.58	-58.19	-13.00	-45.19	peak	PASS
598.4813	-85.17	34.48	-50.69	-13.00	-37.69	peak	PASS
858.9803	-85.75	37.27	-48.48	-13.00	-35.48	peak	PASS



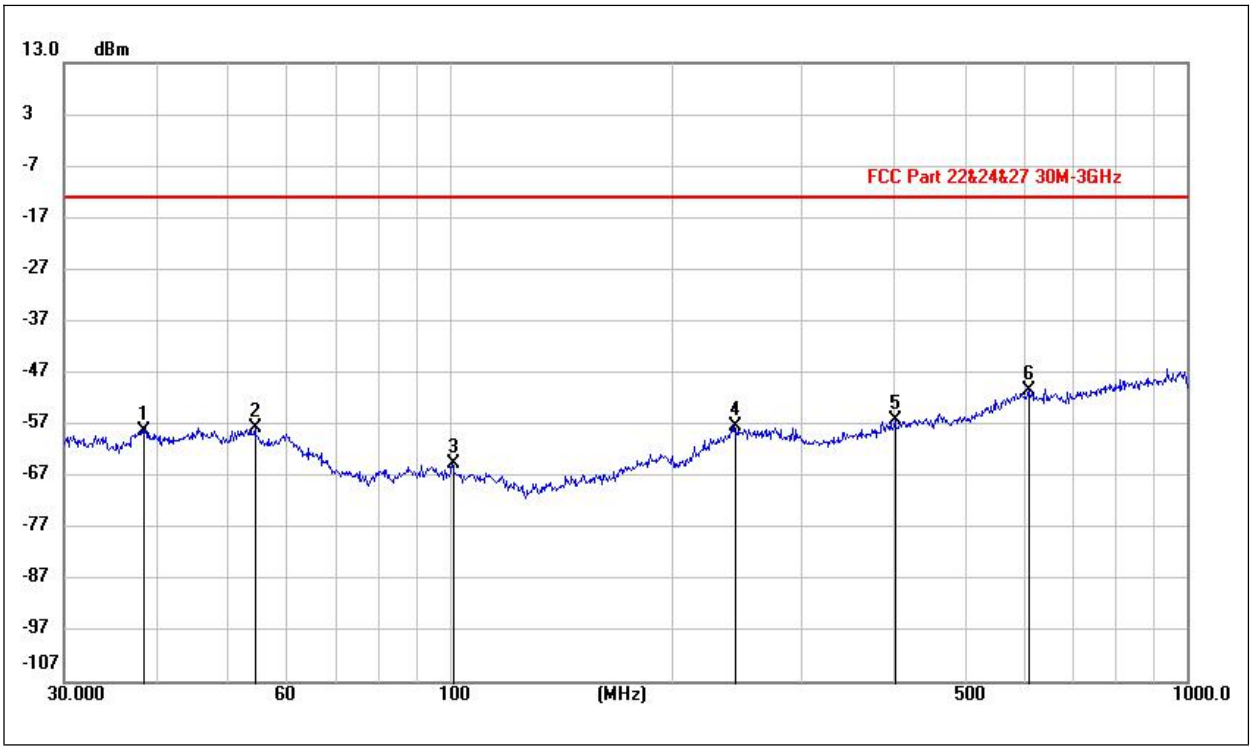
(LTE Band 7 _ QPSK _ Low Channel _ 1GHz to 3GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
1103.928	-85.38	39.85	-45.53	-13.00	-32.53	peak	PASS
1292.858	-85.69	42.15	-43.54	-13.00	-30.54	peak	PASS
1728.344	-85.14	45.23	-39.91	-13.00	-26.91	peak	PASS
2212.763	-84.72	50.27	-34.45	-13.00	-21.45	peak	PASS
2513.650	-43.85	52.23	8.38	-13.00	N/A	peak	N/A
2971.626	-84.73	55.78	-28.95	-13.00	-15.95	peak	PASS



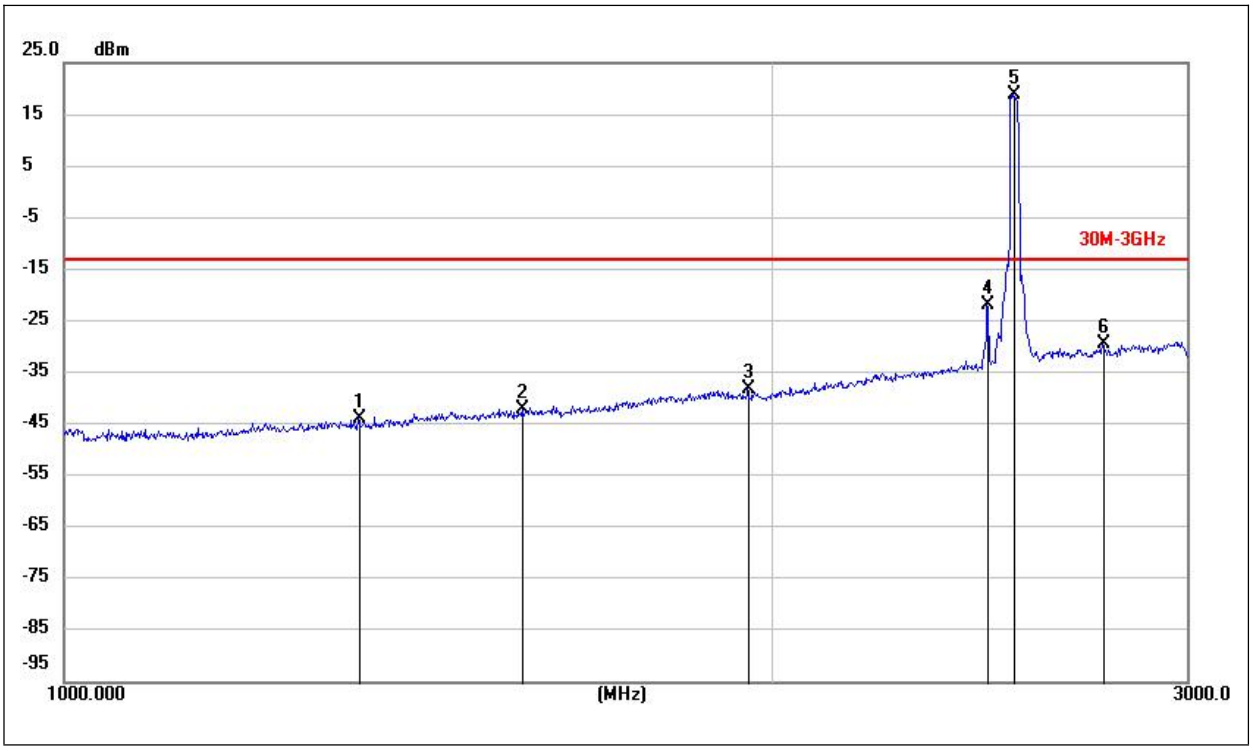
(LTE Band 7 _ QPSK _ Low Channel _ 3GHz to 18GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
5019.750	-47.64	9.86	-37.78	-13.00	-24.78	peak	PASS
9500.250	-65.09	14.28	-50.81	-13.00	-37.81	peak	PASS
12074.250	-67.85	15.51	-52.34	-13.00	-39.34	peak	PASS
14520.000	-67.82	19.64	-48.18	-13.00	-35.18	peak	PASS
16077.000	-68.91	22.04	-46.87	-13.00	-33.87	peak	PASS
17720.250	-68.33	24.50	-43.83	-13.00	-30.83	peak	PASS



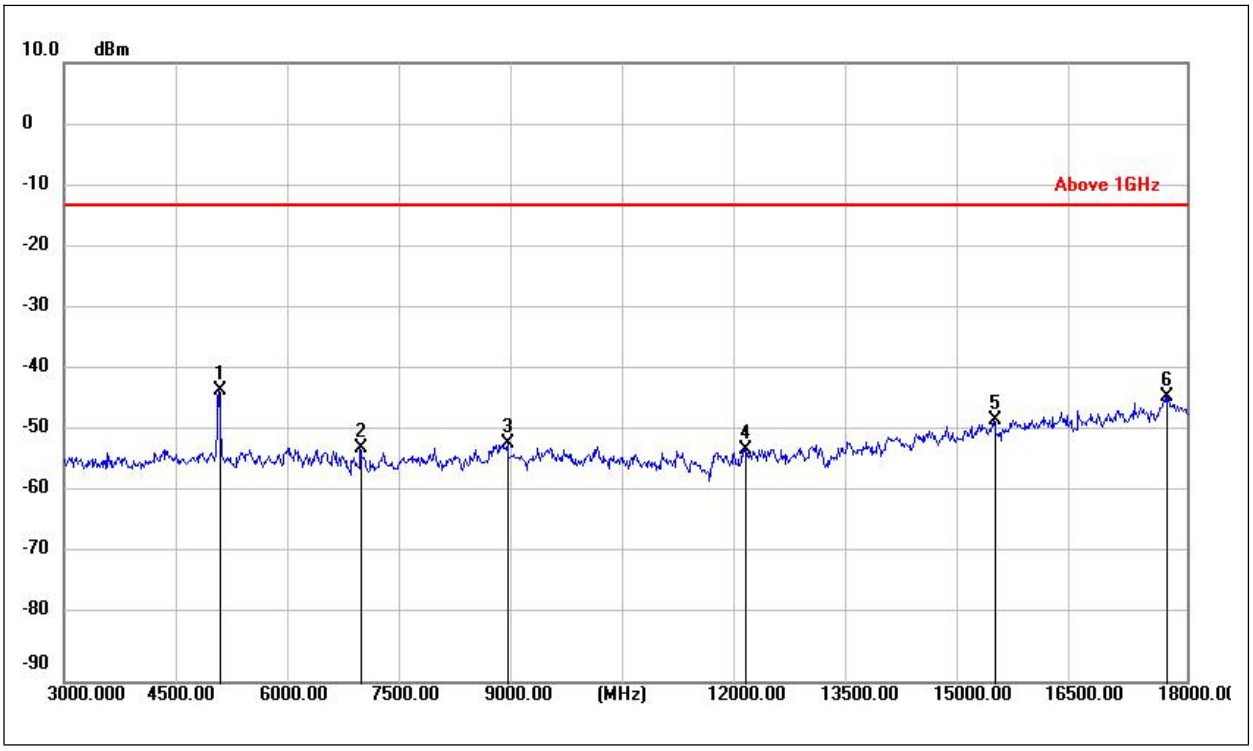
(LTE Band 7 _ QPSK_Middle Channel _ 30MHz to 1GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
38.4068	-87.95	29.64	-58.31	-13.00	-45.31	38.4068	PASS
54.6237	-86.88	29.19	-57.69	-13.00	-44.69	54.6237	PASS
101.0579	-86.97	22.38	-64.59	-13.00	-51.59	101.0579	PASS
243.5052	-86.19	28.74	-57.45	-13.00	-44.45	243.5052	PASS
402.6142	-86.55	30.27	-56.28	-13.00	-43.28	402.6142	PASS
610.3496	-86.08	35.49	-50.59	-13.00	-37.59	610.3496	PASS



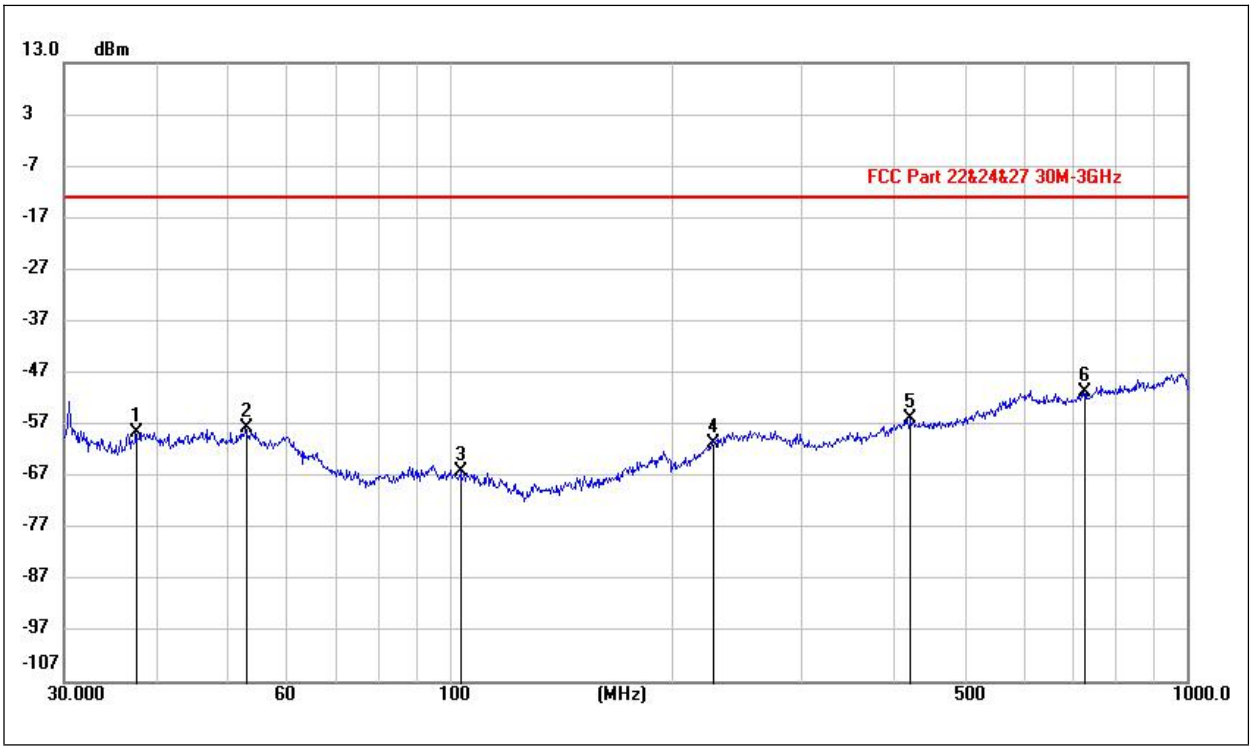
(LTE Band 7 _ QPSK_Middle Channel _ 1GHz to 3GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
1333.612	-85.77	41.81	-43.96	-13.00	-30.96	peak	PASS
1565.889	-85.86	43.91	-41.95	-13.00	-28.95	peak	PASS
1952.498	-84.91	46.64	-38.27	-13.00	-25.27	peak	PASS
2468.902	-74.35	52.45	-21.90	-13.00	N/A	peak	N/A
2533.055	-33.62	52.34	18.72	-13.00	N/A	peak	N/A
2762.874	-83.76	54.24	-29.52	-13.00	-16.52	peak	PASS



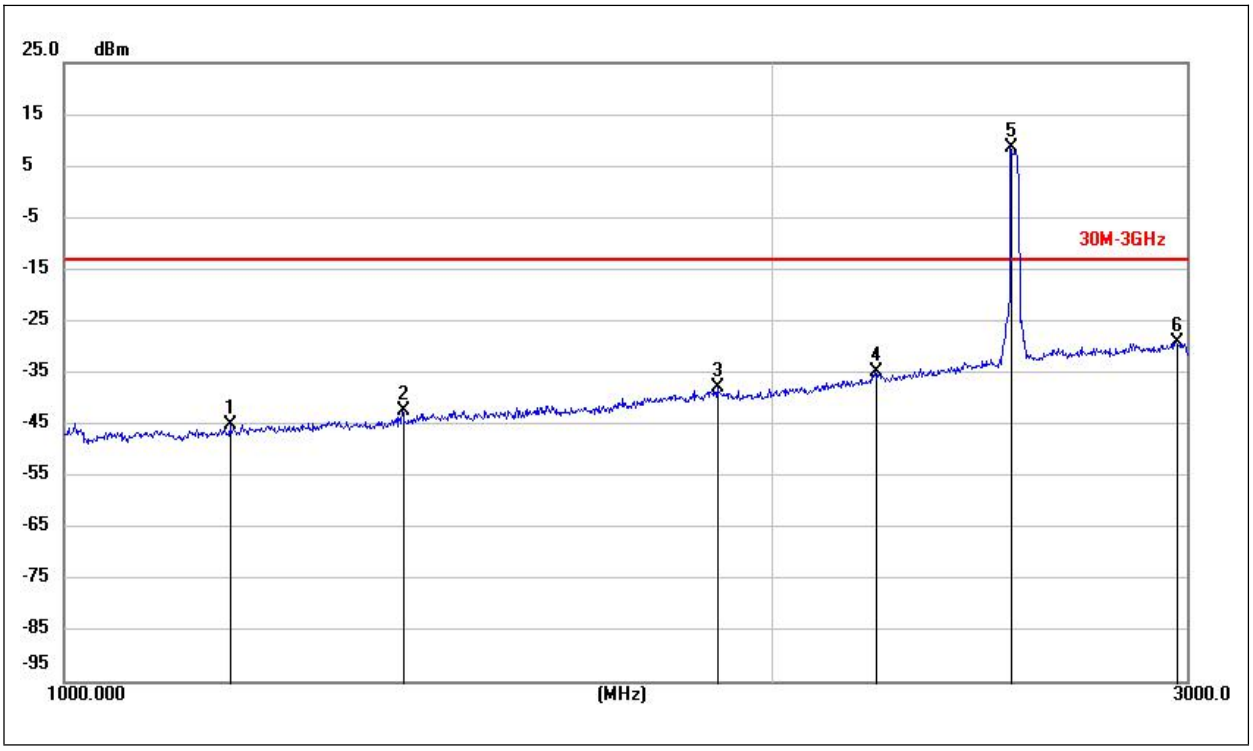
(LTE Band 7 _QPSK_ Middle Channel _ 3GHz to 18GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
5079.750	-52.67	9.81	-42.86	-13.00	-29.86	peak	PASS
6966.750	-63.40	11.27	-52.13	-13.00	-39.13	peak	PASS
8929.500	-65.87	14.42	-51.45	-13.00	-38.45	peak	PASS
12105.000	-67.79	15.46	-52.33	-13.00	-39.33	peak	PASS
15425.250	-69.10	21.45	-47.65	-13.00	-34.65	peak	PASS
17722.500	-69.47	25.66	-43.81	-13.00	-30.81	peak	PASS



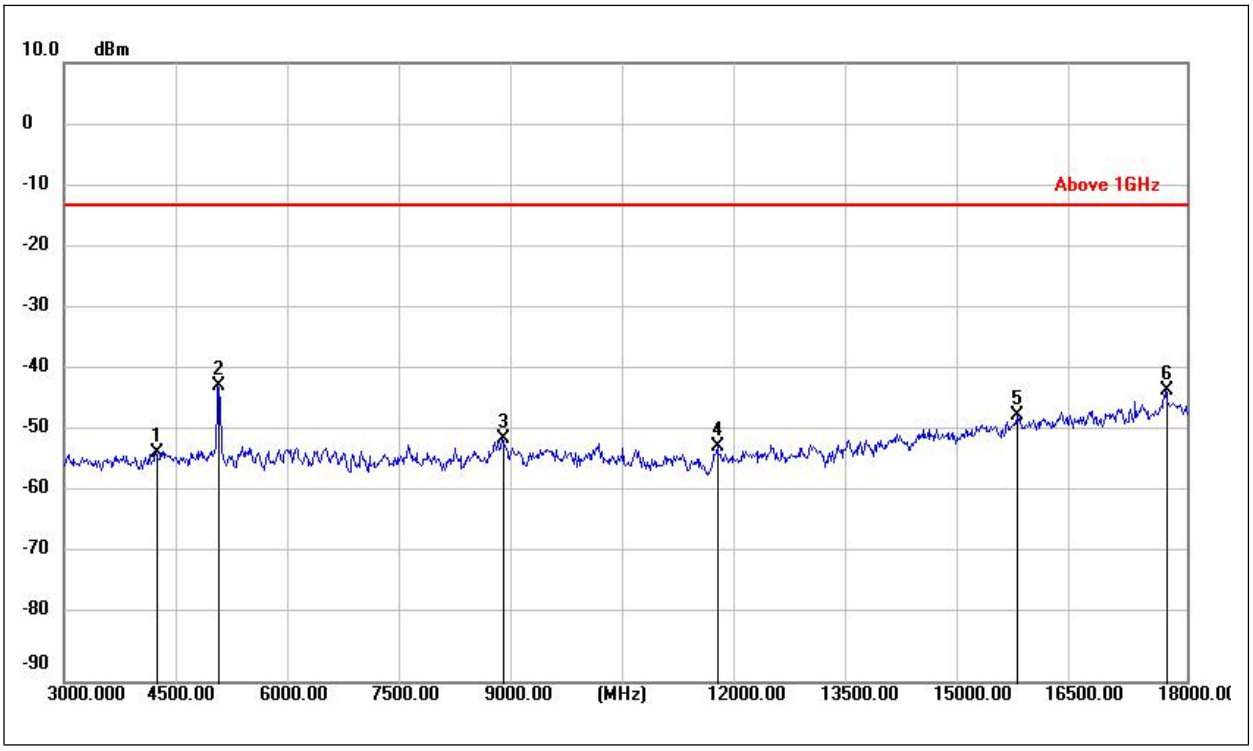
(LTE Band 7 _QPSK_ Middle Channel _ 30MHz to 1GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
37.6600	-79.67	20.98	-58.69	-13.00	-45.69	peak	PASS
53.0475	-81.09	23.44	-57.65	-13.00	-44.65	peak	PASS
103.7691	-96.59	30.43	-66.16	-13.00	-53.16	peak	PASS
227.0926	-84.89	24.10	-60.79	-13.00	-47.79	peak	PASS
422.0577	-85.81	30.03	-55.78	-13.00	-42.78	peak	PASS
725.6593	-86.39	35.70	-50.69	-13.00	-37.69	peak	PASS



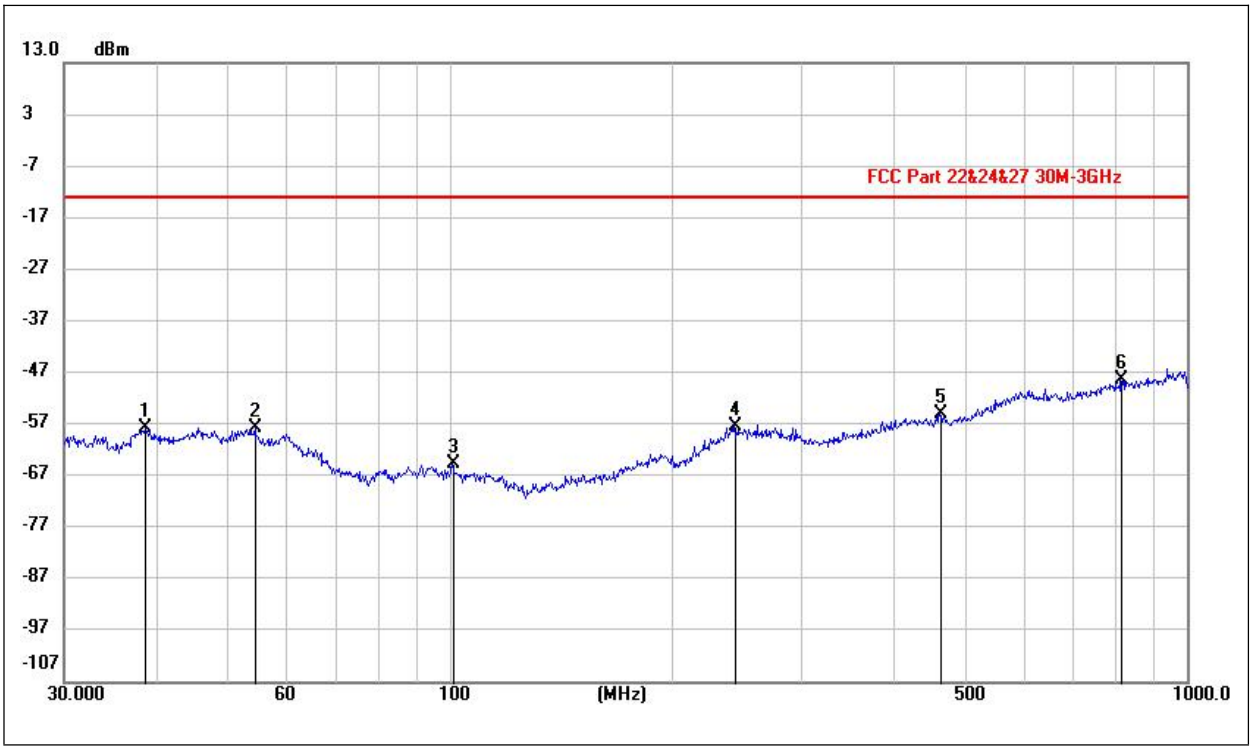
(LTE Band 7 _QPSK_ Middle Channel _ 1GHz to 3GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
1177.012	-85.33	40.36	-44.97	-13.00	-31.97	peak	PASS
1392.606	-85.04	42.60	-42.44	-13.00	-29.44	peak	PASS
1896.683	-85.07	47.09	-37.98	-13.00	-24.98	peak	PASS
2212.641	-85.19	50.26	-34.93	-13.00	-21.93	peak	PASS
2527.079	-43.82	52.38	8.56	-13.00	N/A	peak	N/A
2968.689	-84.99	55.79	-29.20	-13.00	-16.20	peak	PASS



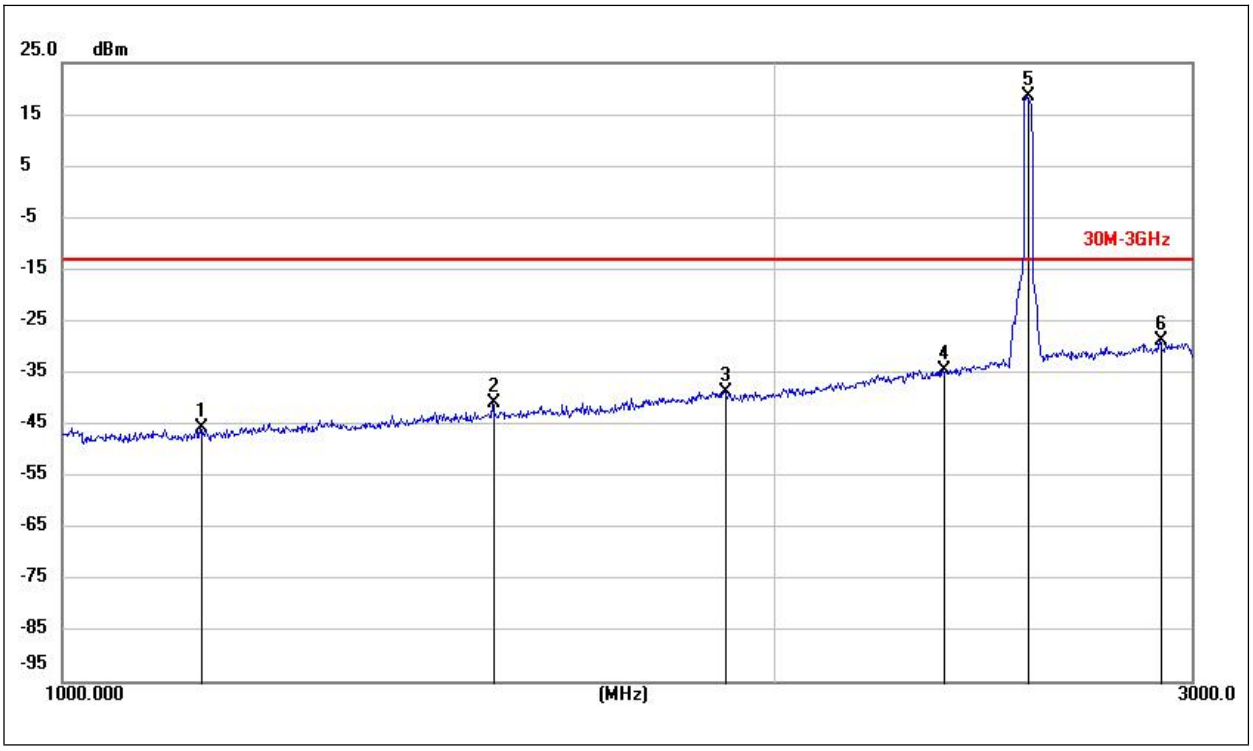
(LTE Band 7 _QPSK_ Middle Channel _ 3GHz to 18GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
4233.750	-61.55	8.62	-52.93	-13.00	-39.93	peak	PASS
5061.750	-51.70	9.55	-42.15	-13.00	-29.15	peak	PASS
8859.750	-64.91	14.12	-50.79	-13.00	-37.79	peak	PASS
11740.500	-67.10	15.08	-52.02	-13.00	-39.02	peak	PASS
15735.000	-69.29	22.40	-46.89	-13.00	-33.89	peak	PASS
17721.750	-67.51	24.53	-42.98	-13.00	-29.98	peak	PASS



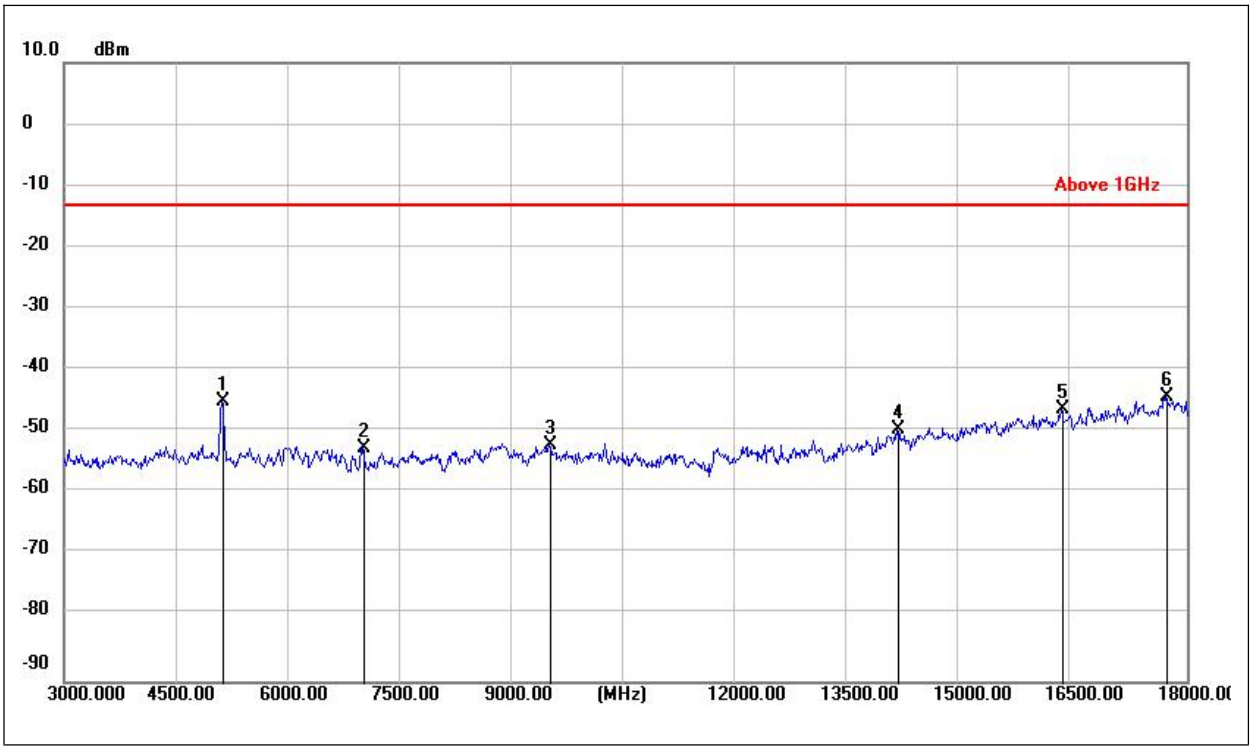
(LTE Band 7 _QPSK_ High Channel _ 30MHz to 1GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
38.7382	-87.34	29.66	-57.68	-13.00	-44.68	peak	PASS
54.6237	-86.88	29.19	-57.69	-13.00	-44.69	peak	PASS
101.0579	-86.97	22.38	-64.59	-13.00	-51.59	peak	PASS
243.5052	-86.19	28.74	-57.45	-13.00	-44.45	peak	PASS
463.5631	-85.42	30.53	-54.89	-13.00	-41.89	peak	PASS
815.5388	-85.52	37.23	-48.29	-13.00	-35.29	peak	PASS



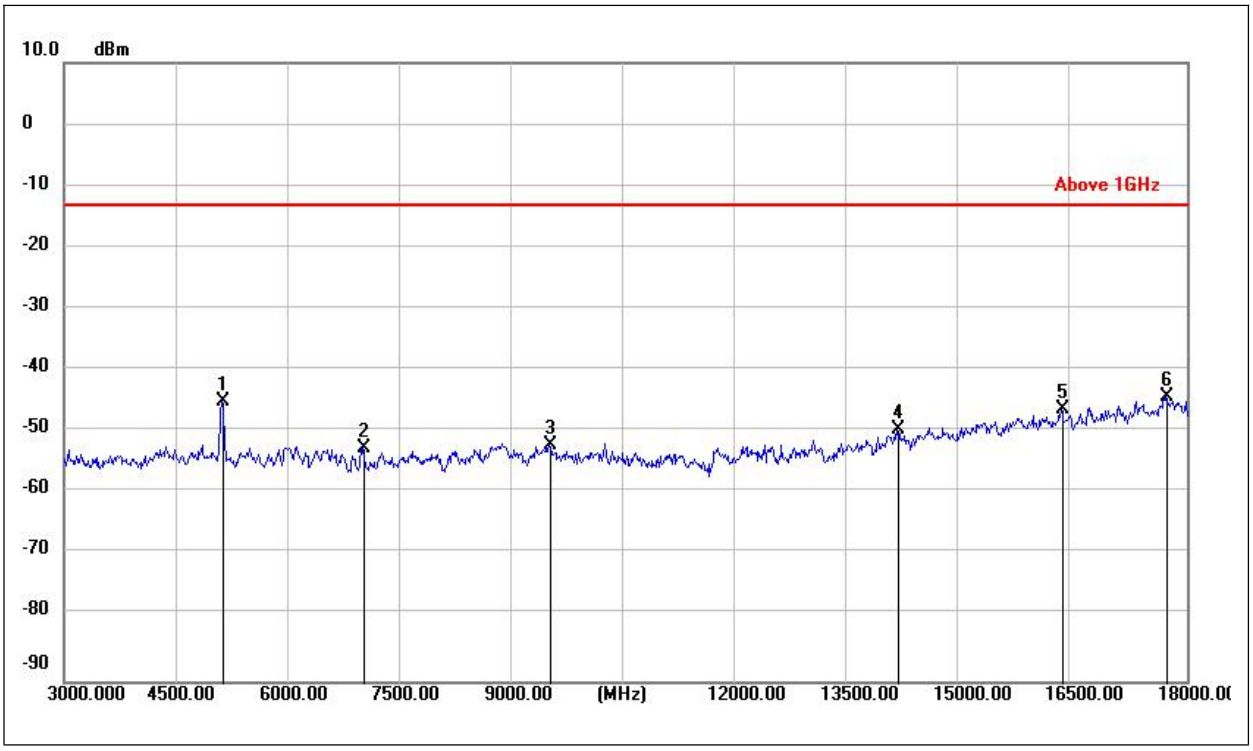
(LTE Band 7 _QPSK_ High Channel _ 1GHz to 3GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
1143.679	-85.94	40.19	-45.75	-13.00	-32.75	peak	PASS
1520.457	-84.56	43.68	-40.88	-13.00	-27.88	peak	PASS
1904.931	-85.78	47.12	-38.66	-13.00	-25.66	peak	PASS
2356.405	-85.33	50.87	-34.46	-13.00	-21.46	peak	PASS
2558.084	-34.32	52.82	18.50	-13.00	N/A	peak	N/A
2911.519	-83.82	54.98	-28.84	-13.00	-15.84	peak	PASS



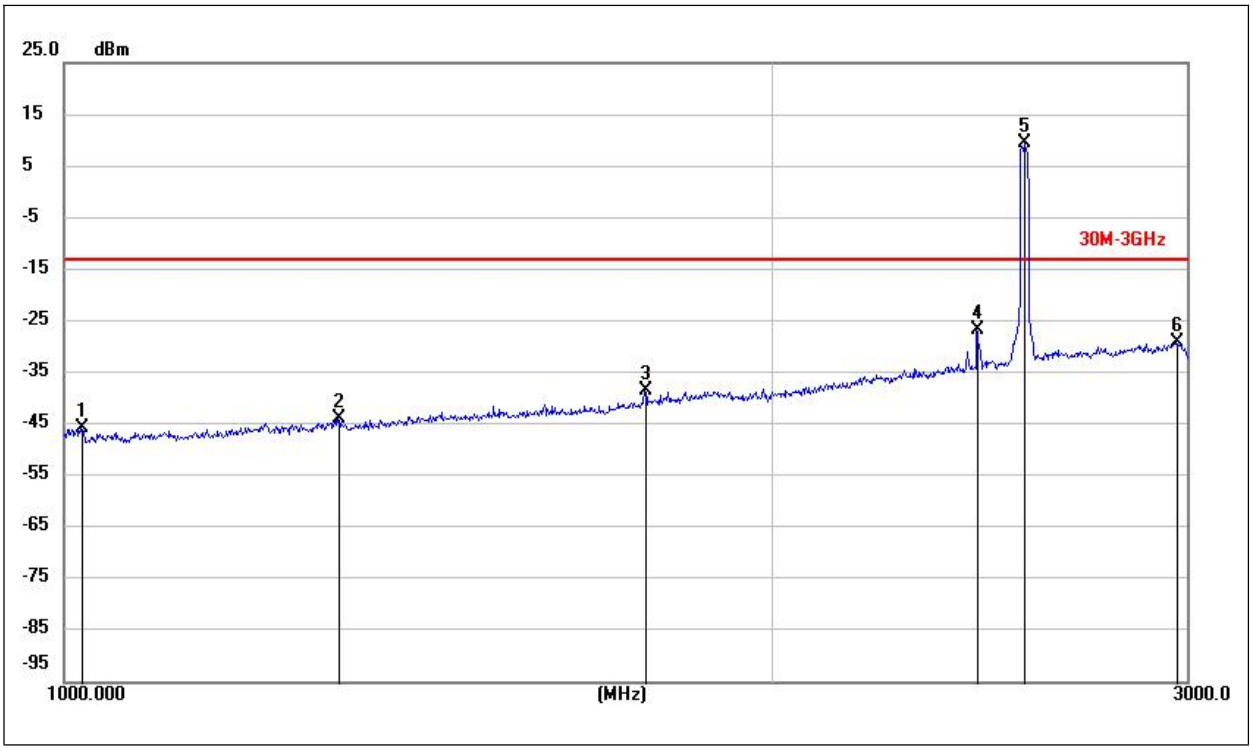
(LTE Band 7 _QPSK_ High Channel _ 3GHz to 18GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
5124.000	-54.22	9.67	-44.55	-13.00	-31.55	peak	PASS
6990.750	-63.53	11.22	-52.31	-13.00	-39.31	peak	PASS
9489.750	-65.73	14.08	-51.65	-13.00	-38.65	peak	PASS
14144.250	-68.18	18.93	-49.25	-13.00	-36.25	peak	PASS
16329.000	-68.82	23.02	-45.80	-13.00	-32.80	peak	PASS
17724.000	-69.53	25.68	-43.85	-13.00	-30.85	peak	PASS



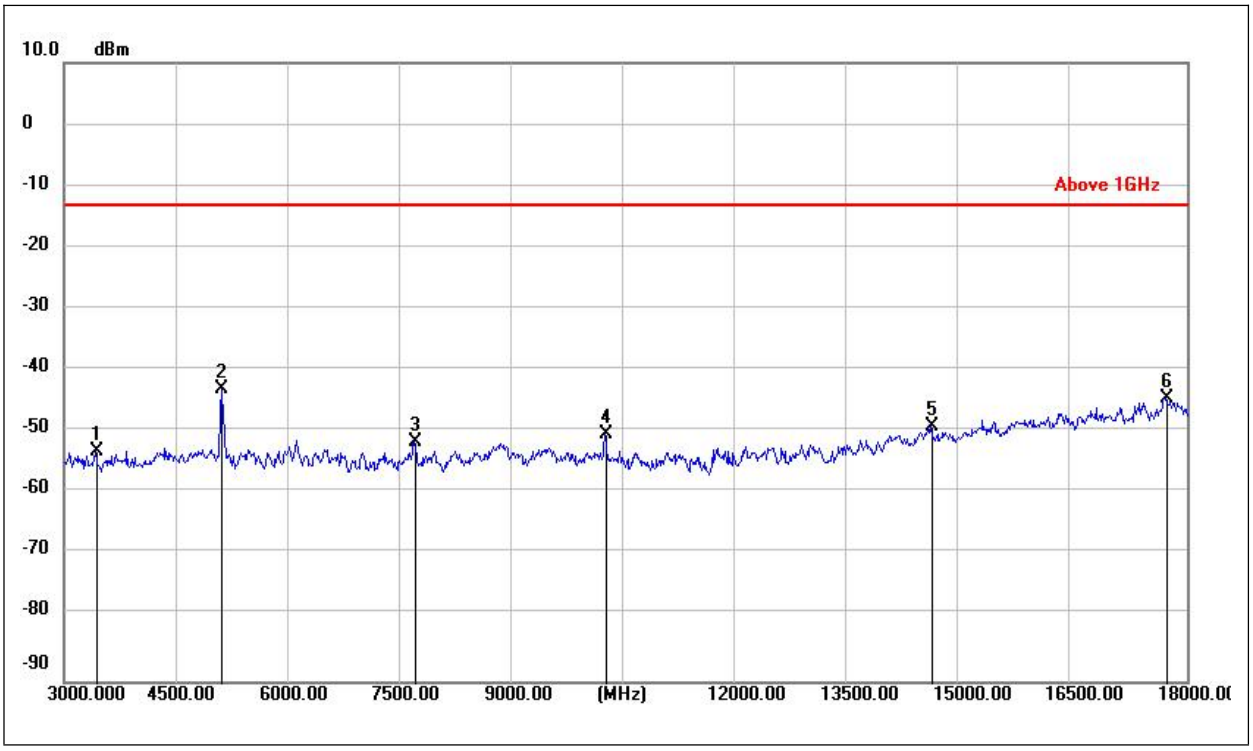
(LTE Band 7_QPSK_ High Channel _ 30MHz to 1GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
39.8263	-79.50	21.34	-58.16	-13.00	-45.16	peak	PASS
58.6332	-81.69	22.96	-58.73	-13.00	-45.73	peak	PASS
138.8248	-91.71	24.08	-67.63	-13.00	-54.63	peak	PASS
276.7051	-84.89	26.59	-58.30	-13.00	-45.30	peak	PASS
521.3451	-87.06	32.63	-54.43	-13.00	-41.43	peak	PASS
858.9803	-85.75	37.27	-48.48	-13.00	-35.48	peak	PASS



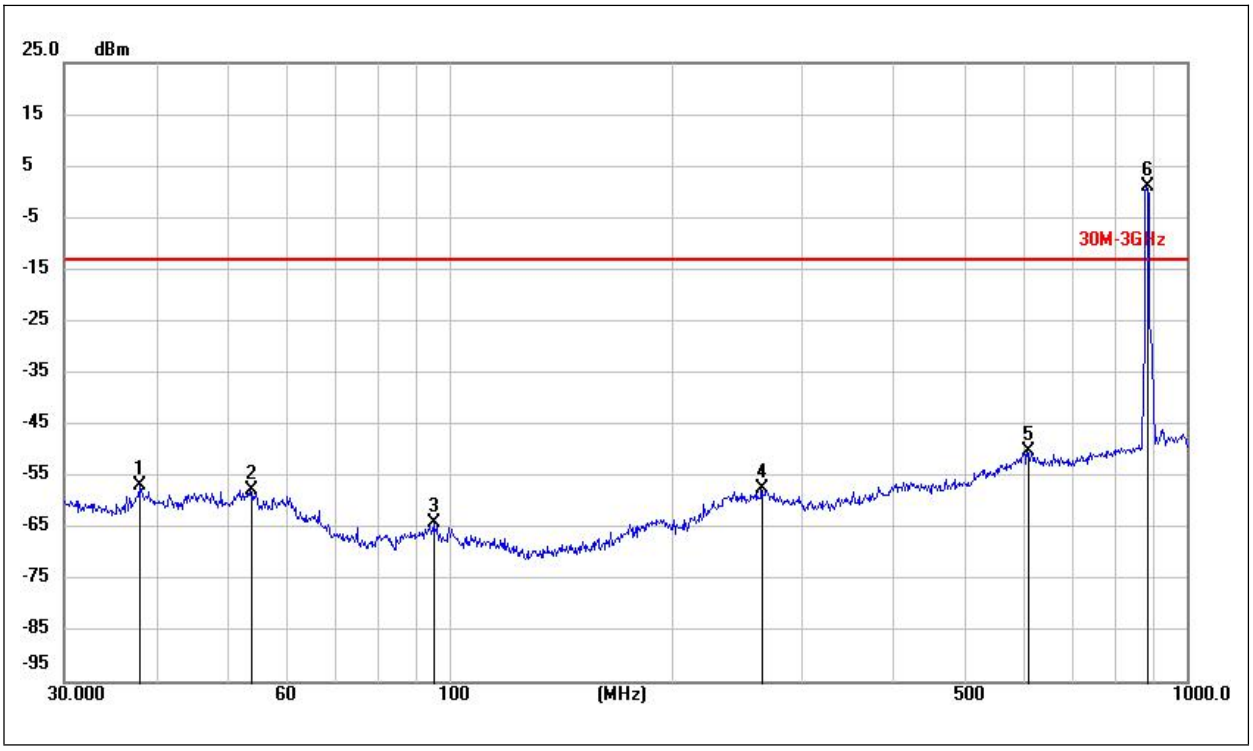
(LTE Band 7 _QPSK_ High Channel _ 1GHz to 3GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
1017.454	-83.87	38.27	-45.60	-13.00	-32.60	peak	PASS
1308.577	-85.50	41.61	-43.89	-13.00	-30.89	peak	PASS
1766.449	-84.43	45.99	-38.44	-13.00	-25.44	peak	PASS
2445.014	-78.29	51.46	-26.83	-13.00	N/A	peak	N/A
2559.911	-43.55	52.90	9.35	-13.00	N/A	peak	N/A
2967.874	-84.80	55.78	-29.02	-13.00	-16.02	peak	PASS



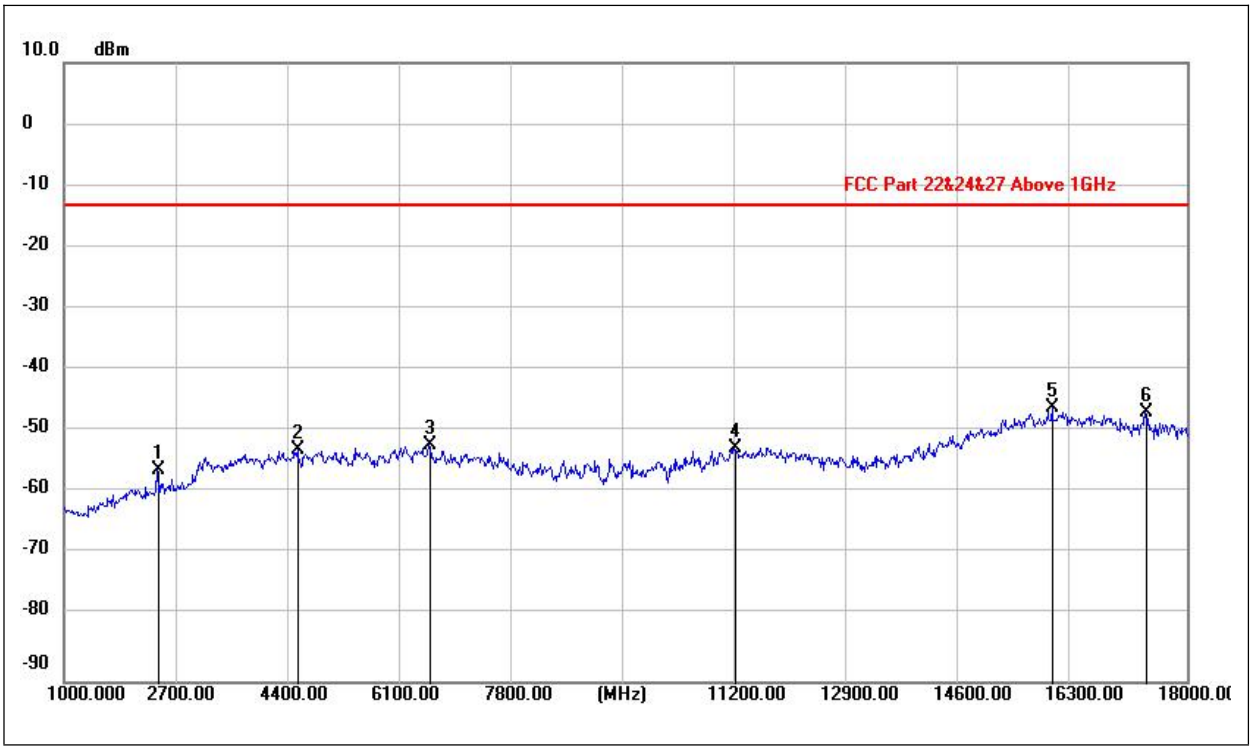
(LTE Band 7 _QPSK_ High Channel _ 3GHz to 18GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
3421.500	-59.50	6.73	-52.77	-13.00	-39.77	peak	PASS
5110.500	-52.39	9.74	-42.65	-13.00	-29.65	peak	PASS
7689.000	-63.18	12.06	-51.12	-13.00	-38.12	peak	PASS
10240.500	-64.21	14.23	-49.98	-13.00	-36.98	peak	PASS
14585.250	-68.54	19.80	-48.74	-13.00	-35.74	peak	PASS
17720.250	-68.59	24.50	-44.09	-13.00	-31.09	peak	PASS



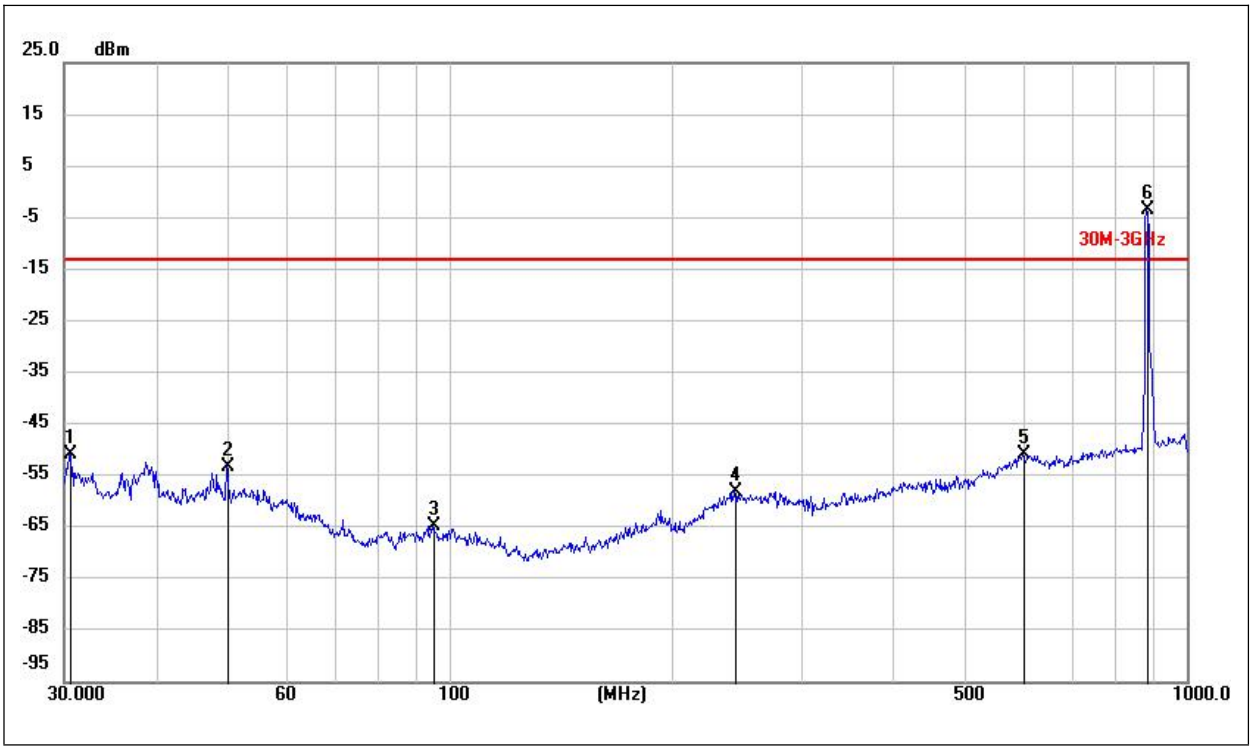
(LTE Band 8 _QPSK_ Low Channel _ 30MHz to 1GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
37.9716	-86.43	29.48	-56.95	-13.00	-43.95	peak	PASS
53.8629	-87.48	29.82	-57.66	-13.00	-44.66	peak	PASS
95.3935	-86.81	22.70	-64.11	-13.00	-51.11	peak	PASS
265.1638	-86.44	28.87	-57.57	-13.00	-44.57	peak	PASS
608.8533	-85.66	35.45	-50.21	-13.00	-37.21	peak	PASS
881.8705	-36.35	37.47	1.12	-13.00	N/A	peak	N/A



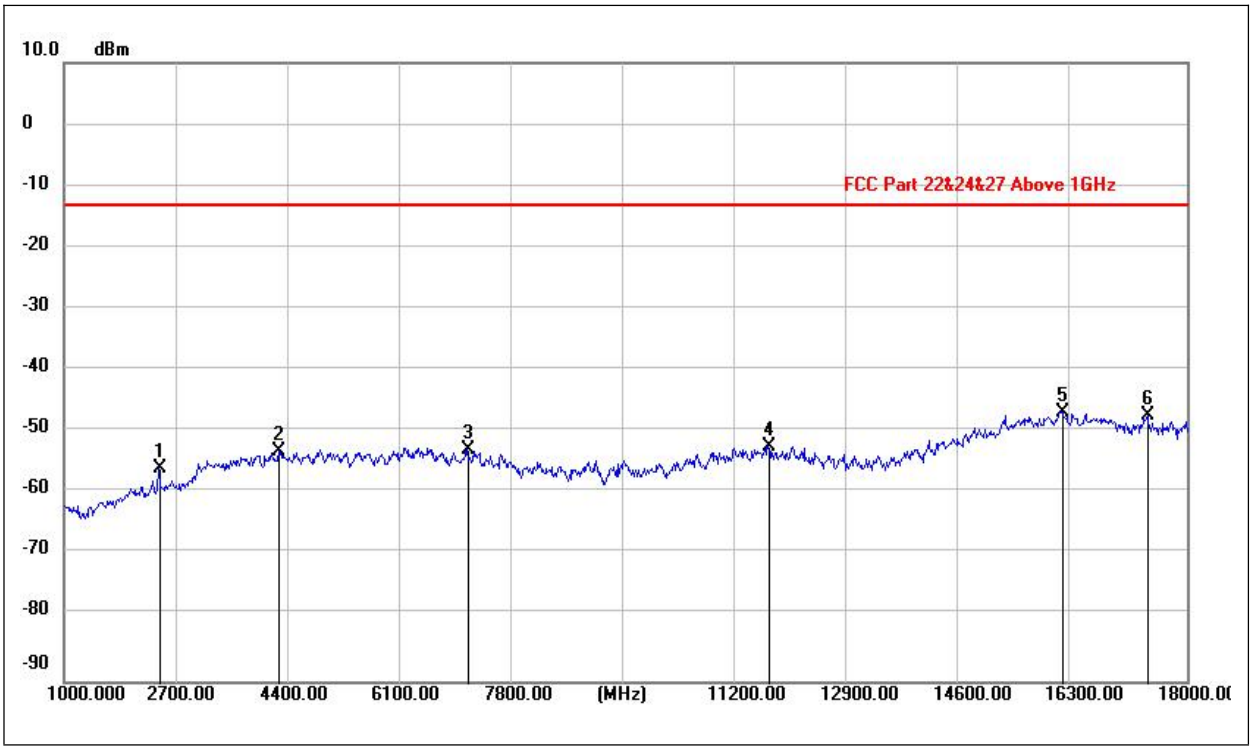
(LTE Band 8 _QPSK _ Low Channel _ 1GHz to 18GHz _ Horizontal)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
2417.800	-55.43	-0.32	-55.75	-13.00	-42.75	peak	PASS
4545.350	-59.99	7.56	-52.43	-13.00	-39.43	peak	PASS
6539.450	-61.92	10.34	-51.58	-13.00	-38.58	peak	PASS
11149.850	-65.47	13.38	-52.09	-13.00	-39.09	peak	PASS
15966.800	-66.83	21.08	-45.75	-13.00	-32.75	peak	PASS
17376.950	-70.29	23.77	-46.52	-13.00	-33.52	peak	PASS



(LTE Band 8 _ QPSK _ Low Channel _ 30MHz to 1GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
30.6218	-70.43	19.72	-50.71	-13.00	-37.71	peak	PASS
50.0040	-75.17	22.01	-53.16	-13.00	-40.16	peak	PASS
94.8598	-91.80	27.14	-64.66	-13.00	-51.66	peak	PASS
244.1465	-82.97	25.05	-57.92	-13.00	-44.92	peak	PASS
601.3211	-85.16	34.31	-50.85	-13.00	-37.85	peak	PASS
883.1083	-41.21	37.76	-3.45	-13.00	N/A	peak	N/A



(LTE Band 8 _ QPSK _ Low Channel _ 1GHz to 18GHz _ Vertical)

Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Det.	Verdict
2439.900	-55.22	-0.14	-55.36	-13.00	-42.36	peak	PASS
4260.600	-59.98	7.34	-52.64	-13.00	-39.64	peak	PASS
7118.300	-62.43	10.09	-52.34	-13.00	-39.34	peak	PASS
11659.850	-65.66	13.78	-51.88	-13.00	-38.88	peak	PASS
16113.850	-67.64	21.32	-46.32	-13.00	-33.32	peak	PASS
17419.450	-69.46	22.54	-46.92	-13.00	-33.92	peak	PASS