



TEST REPORT

APPLICANT : Anker Innovations Limited

PRODUCT NAME : HomeBase Professional S1

MODEL NAME : T9000

BRAND NAME : eufy

FCC ID : 2AOKB-T9000

STANDARD(S) : 47 CFR Part 2
47 CFR Part 22, Subpart H
47 CFR Part 24, Subpart E
47 CFR Part 27, Subpart F&H&L&N

RECEIPT DATE : 2025-04-01

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Change History		
Version	Date	Reason for change
1.0	2025-06-17	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Anker Innovations Limited
Applicant Address:	Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong
Manufacturer:	Anker Innovations Limited
Manufacturer Address:	Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong

1.2. Equipment Under Test (EUT) Description

Product Name:	HomeBase Professional S1	
Sample No.:	17#, 18#	
Hardware Version:	V7	
Software Version:	V4.0.1.6	
Modulation Type:	QPSK, 16QAM	
Carrier Aggregation:	Not Support	
Operation Band:	Band 2 / 4 / 5 / 12 / 13 / 66 / 71	
Frequency Range:	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 12	Tx: 699MHz–716MHz
		Rx: 729MHz–746MHz
	LTE Band 13	Tx: 777MHz–787MHz
		Rx: 746MHz–756MHz
	LTE Band 66	Tx: 1710MHz–1780MHz
		Rx: 2110MHz–2200MHz
	LTE Band 71	Tx: 663MHz–698MHz
		Rx: 617MHz–652MHz
Channel Bandwidth:	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz



	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 13	5 MHz, 10MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 71	5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	PCB Antenna	
Antenna Gain:	LTE Band 2	4.79dBi
	LTE Band 4	1.97dBi
	LTE Band 5	2.14dBi
	LTE Band 12	0.77dBi
	LTE Band 13	3.07dBi
	LTE Band 66	1.97dBi
	LTE Band 71	0.77dBi
Accessory Information:	Battery	
	Brand Name:	N/A
	Model No.:	T9000
	Serial No.:	N/A
	Capacity:	9800mAh
	Rated Voltage:	9.6V
	Charge Limit:	10.95V
	Manufacturer:	Fujian SCUD Power Technology Co., Ltd.
	AC Adapter	
	Brand Name:	Huntkey
	Model No.:	HKA12048025-7E
	Serial No.:	N/A
	Rated Output:	48V=2.5A
	Rated Input:	100-240V~50/60Hz, 1.8A
	Manufacturer:	Shenzhen Huntkey Electric Co., Ltd.

Note 1: The test results of all conducted test items please refer to the module FCC test report (FCC ID: XMR202008EC25AFXD, Report No.: R2203A0238-R1 / R2203A0238-R2 / R2203A0238-R3), which issued on Apr. 11, 2022 by TA Technology (Shanghai) co.,Ltd. We only recorded the radiated test result in this report. This device only enables LTE function although RF module support WCDMA and LTE.

Note 2: The EUT description presented in the report are provided by applicant and/or manufacturer, and the test laboratory is not responsible for the accuracy of the information. For a more detailed description, please refer to Specification or User's Manual supplied by the applicant



and/or manufacturer.

1.3. Maximum E.R.P./E.I.R.P.

LTE Band 2	Maximum E.R.P./E.I.R.P. (W)	
BW(MHz)	QPSK	16QAM
20	0.723	0.600
15	0.729	0.604
10	0.731	0.607
5	0.723	0.603
3	0.729	0.608
1.4	0.721	0.604
LTE Band 4	Maximum E.R.P./E.I.R.P. (W)	
BW(MHz)	QPSK	16QAM
20	0.364	0.340
15	0.366	0.341
10	0.370	0.336
5	0.367	0.341
3	0.371	0.344
1.4	0.367	0.342
LTE Band 5	Maximum E.R.P./E.I.R.P. (W)	
BW(MHz)	QPSK	16QAM
10	0.229	0.206
5	0.224	0.202
3	0.221	0.202
1.4	0.220	0.200
LTE Band 12	Maximum E.R.P./E.I.R.P. (W)	
BW(MHz)	QPSK	16QAM
10	0.170	0.151
5	0.171	0.153
3	0.172	0.153
1.4	0.171	0.152



LTE Band 13	Maximum E.R.P./E.I.R.P. (W)	
BW(MHz)	QPSK	16QAM
10	0.300	0.271
5	0.296	0.255
LTE Band 66	Maximum E.R.P./E.I.R.P. (W)	
BW(MHz)	QPSK	16QAM
20	0.375	0.299
15	0.378	0.301
10	0.379	0.304
5	0.375	0.303
3	0.378	0.305
1.4	0.374	0.303
LTE Band 71	Maximum E.R.P./E.I.R.P. (W)	
BW(MHz)	QPSK	16QAM
20	0.161	0.141
15	0.161	0.143
10	0.162	0.143
5	0.161	0.142



1.4. Test Standards and Results

The objective of the report is to perform testing according to Part 2, Part 22, Part 24, Part 27 for the EUT FCC ID Certification:

No.	Identity	Document Title
1	47 CFR Part 2	Frequency Allocations and Radio Treaty Matters; General Rules and Regulations
2	47 CFR Part 22	Public Mobile Services
3	47 CFR Part 24	Personal Communications Services
4	47 CFR Part 27	Miscellaneous Wireless Communications Services

Test detailed items/section required by FCC rules and results are as below:

Section	Description	Test Date	Test Engineer	Result	Remark
2.1046 22.913(a)(2) 24.232(c) 27.50(b)(10) 27.50(c)(10) 27.50(d)(4)	E.R.P./E.I.R.P.	Jun. 05, 2025	Liu Huiyan	PASS	/
2.1053 22.917(a) 24.238(a) 27.53(c)(2) 27.53(g) 27.53(h)	Radiated Spurious Emissions	May. 12, 2025	Li Hanbin	PASS	/

Note 1: The test results of all conducted test items please refer to the module FCC test report (Report No.: R2203A0238-R1 / R2203A0238-R2 / R2203A0238-R3), which issued on Apr. 11, 2022 by TA Technology (Shanghai) co.,Ltd. We only recorded the radiated test result in this report.

Note 2: The tests were performed according to the method of measurements prescribed in KDB971168 D01 v03 and ANSI/TIA-603-E-2016.

Note 3: Any additions, deviation, or exclusions from the method shall be noted in the "Remark".

Note 4: The antenna gain presented in the report are provided by applicant and/or manufacturer, and the test laboratory is not responsible for the accuracy of the information.



1.5. Environmental Conditions

During the measurement, the environmental conditions were within the listed ranges:

Temperature (°C):	15-35
Relative Humidity (%):	30-60
Atmospheric Pressure (kPa):	86-106

2.47 CFR Part 2, Part 22H, Part 24E, Part 27F&H&L&N Requirements

2.1. Transmitter Conducted Output Power and E.R.P./E.I.R.P.

2.1.1. Requirement

According to FCC section 2.1046(a), for transmitters other than single sideband, independent sideband and controlled carrier radiotelephone, power output shall be measured at the RF output terminals when the transmitter is adjusted in accordance with the tune-up procedure to give the values of current and voltage on the circuit elements specified in FCC section 2.1033(c)(8).

According to FCC section 24.232 (c) for LTE Band 2, Mobile and portable stations are limited to 2 watts E.I.R.P. and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

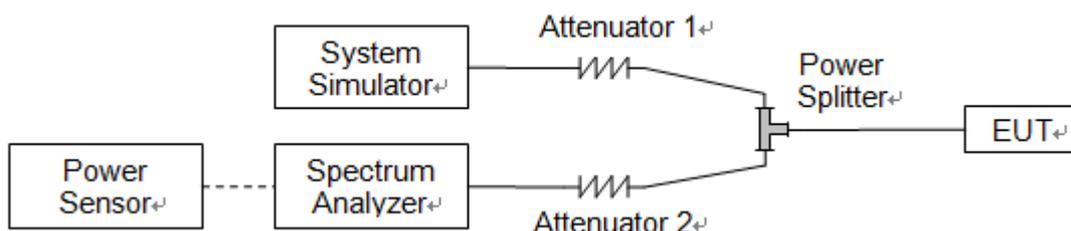
According to FCC section 27.50 (d)(4) for LTE Band 4/66, Fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat E.I.R.P.

According to FCC section 22.913 (a)(2) for LTE Band 5, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

According to FCC section 27.50 (b)(10) for LTE Band 13, Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts E.R.P.

According to FCC section 27.50 (c)(10) for LTE Band 12/71, Portable stations (hand-held devices) operating in the 704-716MHz band are limited to 3watts E.R.P.

2.1.2. Test Description



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



SS.

2.1.3. Test Procedure

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

E.I.R.P. (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

E.R.P. (dBm) = E.I.R.P. (dBm) - 2.15

2.1.4. Result

Effective Radiated Power and Effective Isotropic Radiated Power

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18700		18900		19100	
Frequency (MHz)				1860		1880		1900	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	28.13	0.650	28.15	0.653	27.75	0.596
20	QPSK	1	49	28.21	0.662	28.59	0.723	27.78	0.600
20	QPSK	1	99	28.09	0.644	28.03	0.635	27.66	0.583
20	QPSK	50	0	27.19	0.524	27.11	0.514	26.97	0.498
20	QPSK	50	24	27.05	0.507	26.79	0.478	27.04	0.506
20	QPSK	50	50	27.20	0.525	27.10	0.513	26.72	0.470
20	QPSK	100	0	27.06	0.508	27.24	0.530	26.82	0.481
20	16QAM	1	0	27.10	0.513	27.65	0.582	27.42	0.552
20	16QAM	1	49	27.17	0.521	27.75	0.596	27.77	0.598
20	16QAM	1	99	26.96	0.497	27.71	0.590	27.78	0.600
20	16QAM	50	0	26.18	0.415	26.06	0.404	26.02	0.400
20	16QAM	50	24	26.25	0.422	26.00	0.398	25.90	0.389
20	16QAM	50	50	26.15	0.412	26.11	0.408	25.91	0.390
20	16QAM	100	0	26.14	0.411	26.04	0.402	26.04	0.402



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18675		18900		19125	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	28.16	0.655	28.19	0.659	27.78	0.600
15	QPSK	1	37	28.22	0.664	28.63	0.729	27.80	0.603
15	QPSK	1	74	28.11	0.647	28.04	0.637	27.69	0.587
15	QPSK	36	0	27.22	0.527	27.16	0.520	27.01	0.502
15	QPSK	36	20	27.07	0.509	26.94	0.494	27.07	0.509
15	QPSK	36	39	27.23	0.528	27.15	0.519	26.76	0.474
15	QPSK	75	0	27.09	0.512	27.29	0.536	26.86	0.485
15	16QAM	1	0	27.12	0.515	27.69	0.587	27.47	0.558
15	16QAM	1	37	27.21	0.526	27.77	0.598	27.81	0.604
15	16QAM	1	74	26.98	0.499	27.74	0.594	27.80	0.603
15	16QAM	36	0	26.21	0.418	26.10	0.407	26.05	0.403
15	16QAM	36	20	26.28	0.425	26.02	0.400	25.93	0.392
15	16QAM	36	39	26.18	0.415	26.16	0.413	25.95	0.394
15	16QAM	75	0	26.16	0.413	26.08	0.406	26.07	0.405



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18650		18900		19150	
Frequency (MHz)				1855		1880		1905	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	28.17	0.656	28.23	0.665	27.80	0.603
10	QPSK	1	25	28.24	0.667	28.64	0.731	27.83	0.607
10	QPSK	1	49	28.14	0.652	28.09	0.644	27.73	0.593
10	QPSK	25	0	27.24	0.530	27.20	0.525	27.04	0.506
10	QPSK	25	12	27.10	0.513	26.99	0.500	27.11	0.514
10	QPSK	25	25	27.26	0.532	27.18	0.522	26.80	0.479
10	QPSK	50	0	27.11	0.514	27.33	0.541	26.91	0.491
10	16QAM	1	0	27.17	0.521	27.71	0.590	27.49	0.561
10	16QAM	1	25	27.23	0.528	27.80	0.603	27.83	0.607
10	16QAM	1	49	27.01	0.502	27.78	0.600	27.83	0.607
10	16QAM	25	0	26.24	0.421	26.12	0.409	26.08	0.406
10	16QAM	25	12	26.31	0.428	26.07	0.405	25.97	0.395
10	16QAM	25	25	26.20	0.417	26.20	0.417	25.98	0.396
10	16QAM	50	0	26.19	0.416	26.13	0.410	26.11	0.408



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18625		18900		19175	
Frequency (MHz)				1852.5		1880		1907.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	28.15	0.653	27.22	0.527	27.77	0.598
5	QPSK	1	12	28.21	0.662	28.59	0.723	27.79	0.601
5	QPSK	1	24	28.12	0.649	28.05	0.638	27.70	0.589
5	QPSK	12	0	27.21	0.526	27.15	0.519	27.00	0.501
5	QPSK	12	7	27.07	0.509	26.94	0.494	27.07	0.509
5	QPSK	12	13	27.24	0.530	27.14	0.518	26.75	0.473
5	QPSK	25	0	27.03	0.505	27.31	0.538	26.87	0.486
5	16QAM	1	0	27.15	0.519	27.68	0.586	27.47	0.558
5	16QAM	1	12	27.20	0.525	27.76	0.597	27.80	0.603
5	16QAM	1	24	26.98	0.499	27.76	0.597	27.80	0.603
5	16QAM	12	0	26.21	0.418	26.07	0.405	26.04	0.402
5	16QAM	12	7	26.29	0.426	26.03	0.401	25.94	0.393
5	16QAM	12	13	26.17	0.414	26.15	0.412	25.94	0.393
5	16QAM	25	0	26.16	0.413	26.08	0.406	26.07	0.405



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18615		18900		19185	
Frequency (MHz)				1851.5		1880		1908.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	28.18	0.658	28.24	0.667	27.81	0.604
3	QPSK	1	8	28.23	0.665	28.63	0.729	27.82	0.605
3	QPSK	1	14	28.15	0.653	28.10	0.646	27.74	0.594
3	QPSK	8	0	27.24	0.530	27.20	0.525	27.04	0.506
3	QPSK	8	4	27.09	0.512	26.98	0.499	27.12	0.515
3	QPSK	8	7	27.26	0.532	27.16	0.520	26.79	0.478
3	QPSK	15	0	27.05	0.507	27.32	0.540	26.89	0.489
3	16QAM	1	0	27.18	0.522	27.72	0.592	27.50	0.562
3	16QAM	1	8	27.23	0.528	27.78	0.600	27.83	0.607
3	16QAM	1	14	27.01	0.502	27.78	0.600	27.84	0.608
3	16QAM	8	0	26.19	0.416	26.11	0.408	26.07	0.405
3	16QAM	8	4	26.32	0.429	26.08	0.406	25.98	0.396
3	16QAM	8	7	26.20	0.417	26.20	0.417	25.98	0.396
3	16QAM	15	0	26.18	0.415	26.12	0.409	26.12	0.409



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18607		18900		19193	
Frequency (MHz)				1850.7		1880		1909.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	28.16	0.655	28.20	0.661	27.78	0.600
1.4	QPSK	1	3	28.20	0.661	28.58	0.721	27.78	0.600
1.4	QPSK	1	5	28.12	0.649	28.05	0.638	27.70	0.589
1.4	QPSK	3	0	28.14	0.652	28.08	0.643	27.91	0.618
1.4	QPSK	3	1	27.97	0.627	27.88	0.614	28.00	0.631
1.4	QPSK	3	3	28.16	0.655	28.05	0.638	27.69	0.587
1.4	QPSK	6	0	27.02	0.504	27.28	0.535	26.86	0.485
1.4	16QAM	1	0	27.15	0.519	27.70	0.589	27.47	0.558
1.4	16QAM	1	3	27.20	0.525	27.73	0.593	27.79	0.601
1.4	16QAM	1	5	26.99	0.500	27.74	0.594	27.81	0.604
1.4	16QAM	3	0	27.12	0.515	26.98	0.499	26.95	0.495
1.4	16QAM	3	1	27.21	0.526	26.95	0.495	26.86	0.485
1.4	16QAM	3	3	27.10	0.513	27.08	0.511	26.85	0.484
1.4	16QAM	6	0	26.15	0.412	26.08	0.406	26.09	0.406



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	25.49	0.354	25.12	0.325	25.36	0.344
20	QPSK	1	49	25.42	0.348	25.51	0.356	25.43	0.349
20	QPSK	1	99	25.14	0.327	25.49	0.354	25.61	0.364
20	QPSK	50	0	24.34	0.272	24.22	0.264	24.58	0.287
20	QPSK	50	24	24.33	0.271	24.32	0.270	24.41	0.276
20	QPSK	50	50	24.32	0.270	24.44	0.278	24.39	0.275
20	QPSK	100	0	24.31	0.270	24.33	0.271	24.57	0.286
20	16QAM	1	0	24.37	0.274	24.17	0.261	25.19	0.330
20	16QAM	1	49	24.46	0.279	24.78	0.301	25.10	0.324
20	16QAM	1	99	24.32	0.270	24.92	0.310	25.31	0.340
20	16QAM	50	0	23.26	0.212	23.37	0.217	23.47	0.222
20	16QAM	50	24	23.33	0.215	23.41	0.219	23.27	0.212
20	16QAM	50	50	23.41	0.219	23.47	0.222	23.50	0.224
20	16QAM	100	0	23.30	0.214	23.41	0.219	23.60	0.229



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20025		20175		20325	
Frequency (MHz)				1717.5		1732.5		1747.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	25.52	0.356	25.16	0.328	25.39	0.346
15	QPSK	1	37	25.43	0.349	25.55	0.359	25.45	0.351
15	QPSK	1	74	25.16	0.328	25.50	0.355	25.64	0.366
15	QPSK	36	0	24.37	0.274	24.27	0.267	24.62	0.290
15	QPSK	36	20	24.35	0.272	24.36	0.273	24.44	0.278
15	QPSK	36	39	24.35	0.272	24.49	0.281	24.43	0.277
15	QPSK	75	0	24.34	0.272	24.38	0.274	24.61	0.289
15	16QAM	1	0	24.39	0.275	24.21	0.264	25.24	0.334
15	16QAM	1	37	24.50	0.282	24.80	0.302	25.14	0.327
15	16QAM	1	74	24.34	0.272	24.95	0.313	25.33	0.341
15	16QAM	36	0	23.29	0.213	23.41	0.219	23.50	0.224
15	16QAM	36	20	23.36	0.217	23.43	0.220	23.30	0.214
15	16QAM	36	39	23.44	0.221	23.52	0.225	23.54	0.226
15	16QAM	75	0	23.32	0.215	23.45	0.221	23.63	0.231



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20000		20175		20350	
Frequency (MHz)				1715		1732.5		1750	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	25.53	0.357	25.20	0.331	25.41	0.348
10	QPSK	1	25	25.45	0.351	25.56	0.360	25.48	0.353
10	QPSK	1	49	25.19	0.330	25.55	0.359	25.68	0.370
10	QPSK	25	0	24.39	0.275	24.31	0.270	24.65	0.292
10	QPSK	25	12	24.38	0.274	24.41	0.276	24.48	0.281
10	QPSK	25	25	24.38	0.274	24.52	0.283	24.47	0.280
10	QPSK	50	0	24.36	0.273	24.42	0.277	24.66	0.292
10	16QAM	1	0	24.44	0.278	24.23	0.265	25.26	0.336
10	16QAM	1	25	24.52	0.283	24.83	0.304	23.16	0.207
10	16QAM	1	49	24.37	0.274	24.99	0.316	23.36	0.217
10	16QAM	25	0	23.32	0.215	23.43	0.220	23.53	0.225
10	16QAM	25	12	23.39	0.218	23.48	0.223	23.34	0.216
10	16QAM	25	25	23.46	0.222	23.56	0.227	23.57	0.228
10	16QAM	50	0	23.35	0.216	23.50	0.224	23.67	0.233



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	25.51	0.356	25.19	0.330	25.38	0.345
5	QPSK	1	12	25.42	0.348	25.51	0.356	25.44	0.350
5	QPSK	1	24	25.17	0.329	25.51	0.356	25.65	0.367
5	QPSK	12	0	24.36	0.273	24.26	0.267	24.61	0.289
5	QPSK	12	7	24.35	0.272	24.36	0.273	24.44	0.278
5	QPSK	12	13	24.36	0.273	24.48	0.281	24.42	0.277
5	QPSK	25	0	24.28	0.268	24.40	0.275	24.62	0.290
5	16QAM	1	0	24.42	0.277	24.20	0.263	25.24	0.334
5	16QAM	1	12	24.49	0.281	24.79	0.301	25.13	0.326
5	16QAM	1	24	24.34	0.272	24.97	0.314	25.33	0.341
5	16QAM	12	0	23.29	0.213	23.38	0.218	23.49	0.223
5	16QAM	12	7	23.37	0.217	23.44	0.221	23.31	0.214
5	16QAM	12	13	23.43	0.220	23.51	0.224	23.53	0.225
5	16QAM	25	0	23.32	0.215	23.45	0.221	23.63	0.231



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	25.54	0.358	25.21	0.332	25.42	0.348
3	QPSK	1	8	25.44	0.350	25.55	0.359	25.47	0.352
3	QPSK	1	14	25.20	0.331	25.56	0.360	25.69	0.371
3	QPSK	8	0	24.39	0.275	24.31	0.270	24.65	0.292
3	QPSK	8	4	24.37	0.274	24.40	0.275	24.49	0.281
3	QPSK	8	7	24.38	0.274	24.50	0.282	24.46	0.279
3	QPSK	15	0	24.30	0.269	24.41	0.276	24.64	0.291
3	16QAM	1	0	24.45	0.279	24.24	0.265	25.27	0.337
3	16QAM	1	8	24.52	0.283	24.81	0.303	25.16	0.328
3	16QAM	1	14	24.37	0.274	24.99	0.316	25.37	0.344
3	16QAM	8	0	23.31	0.214	23.42	0.220	23.52	0.225
3	16QAM	8	4	23.40	0.219	23.49	0.223	23.35	0.216
3	16QAM	8	7	23.46	0.222	23.56	0.227	23.57	0.228
3	16QAM	15	0	23.34	0.216	23.49	0.223	23.68	0.233



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	25.52	0.356	25.17	0.329	25.39	0.346
1.4	QPSK	1	3	25.41	0.348	25.50	0.355	25.43	0.349
1.4	QPSK	1	5	25.17	0.329	25.51	0.356	25.65	0.367
1.4	QPSK	3	0	25.29	0.338	25.19	0.330	25.52	0.356
1.4	QPSK	3	1	25.25	0.335	25.30	0.339	25.37	0.344
1.4	QPSK	3	3	25.28	0.337	25.39	0.346	25.36	0.344
1.4	QPSK	6	0	24.27	0.267	24.37	0.274	24.61	0.289
1.4	16QAM	1	0	24.42	0.277	24.22	0.264	25.24	0.334
1.4	16QAM	1	3	24.49	0.281	24.76	0.299	25.12	0.325
1.4	16QAM	1	5	24.35	0.272	24.95	0.313	25.34	0.342
1.4	16QAM	3	0	24.20	0.263	24.29	0.269	24.40	0.275
1.4	16QAM	3	1	24.29	0.269	24.36	0.273	24.23	0.265
1.4	16QAM	3	3	24.36	0.273	24.44	0.278	24.44	0.278
1.4	16QAM	6	0	23.31	0.214	23.45	0.221	23.65	0.232



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20450		20525		20600	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.12	0.205	23.15	0.207	23.31	0.214
10	QPSK	1	25	23.08	0.203	23.60	0.229	23.34	0.216
10	QPSK	1	49	23.19	0.208	23.22	0.210	23.27	0.212
10	QPSK	25	0	22.16	0.164	22.30	0.170	22.22	0.167
10	QPSK	25	12	22.06	0.161	22.32	0.171	22.13	0.163
10	QPSK	25	25	22.17	0.165	22.21	0.166	22.21	0.166
10	QPSK	50	0	22.15	0.164	22.26	0.168	22.20	0.166
10	16QAM	1	0	22.00	0.158	21.84	0.153	21.93	0.156
10	16QAM	1	25	21.84	0.153	21.93	0.156	21.87	0.154
10	16QAM	1	49	21.91	0.155	21.81	0.152	21.82	0.152
10	16QAM	25	0	21.12	0.129	21.36	0.137	21.20	0.132
10	16QAM	25	12	21.07	0.128	21.19	0.132	21.06	0.128
10	16QAM	25	25	21.26	0.134	21.27	0.134	21.00	0.126
10	16QAM	50	0	20.99	0.126	23.13	0.206	21.01	0.126



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20425		20525		20625	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.94	0.197	23.00	0.200	23.31	0.214
5	QPSK	1	12	23.00	0.200	23.51	0.224	23.24	0.211
5	QPSK	1	24	23.15	0.207	23.17	0.207	23.22	0.210
5	QPSK	12	0	22.13	0.163	22.25	0.168	22.05	0.160
5	QPSK	12	7	21.90	0.155	22.28	0.169	21.97	0.157
5	QPSK	12	13	22.11	0.163	22.13	0.163	22.07	0.161
5	QPSK	25	0	21.95	0.157	22.14	0.164	22.18	0.165
5	16QAM	1	0	21.93	0.156	21.70	0.148	21.74	0.149
5	16QAM	1	12	21.79	0.151	21.76	0.150	21.85	0.153
5	16QAM	1	24	21.88	0.154	21.75	0.150	21.75	0.150
5	16QAM	12	0	21.02	0.126	21.28	0.134	21.11	0.129
5	16QAM	12	7	21.02	0.126	21.00	0.126	20.97	0.125
5	16QAM	12	13	21.22	0.132	21.16	0.131	21.92	0.156
5	16QAM	25	0	20.80	0.120	23.06	0.202	20.98	0.125



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20415		20525		20635	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	23.04	0.201	23.12	0.205	23.23	0.210
3	QPSK	1	8	22.93	0.196	23.45	0.221	23.14	0.206
3	QPSK	1	14	23.17	0.207	23.12	0.205	23.14	0.206
3	QPSK	8	0	22.07	0.161	22.16	0.164	22.12	0.163
3	QPSK	8	4	21.97	0.157	22.14	0.164	22.03	0.160
3	QPSK	8	7	22.05	0.160	22.05	0.160	22.05	0.160
3	QPSK	15	0	22.05	0.160	22.13	0.163	22.07	0.161
3	16QAM	1	0	21.83	0.152	21.64	0.146	21.77	0.150
3	16QAM	1	8	21.78	0.151	21.90	0.155	21.86	0.153
3	16QAM	1	14	21.90	0.155	21.72	0.149	21.67	0.147
3	16QAM	8	0	20.94	0.124	21.27	0.134	21.14	0.130
3	16QAM	8	4	20.92	0.124	21.06	0.128	20.86	0.122
3	16QAM	8	7	21.16	0.131	21.26	0.134	20.87	0.122
3	16QAM	15	0	20.97	0.125	23.05	0.202	20.97	0.125



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20407		20525		20643	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.97	0.198	23.10	0.204	23.14	0.206
1.4	QPSK	1	3	23.06	0.202	23.43	0.220	23.24	0.211
1.4	QPSK	1	5	23.08	0.203	23.18	0.208	23.16	0.207
1.4	QPSK	3	0	22.99	0.199	23.30	0.214	23.14	0.206
1.4	QPSK	3	1	23.00	0.200	23.30	0.214	22.93	0.196
1.4	QPSK	3	3	23.13	0.206	23.04	0.201	23.21	0.209
1.4	QPSK	6	0	22.09	0.162	22.12	0.163	22.13	0.163
1.4	16QAM	1	0	21.99	0.158	21.76	0.150	21.81	0.152
1.4	16QAM	1	3	21.68	0.147	21.73	0.149	21.68	0.147
1.4	16QAM	1	5	21.87	0.154	21.71	0.148	21.64	0.146
1.4	16QAM	3	0	22.06	0.161	22.30	0.170	22.05	0.160
1.4	16QAM	3	1	21.99	0.158	22.07	0.161	21.91	0.155
1.4	16QAM	3	3	22.19	0.166	22.21	0.166	21.85	0.153
1.4	16QAM	6	0	20.90	0.123	23.02	0.200	20.85	0.122



LTE Band 12				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23060		23095		23130	
Frequency (MHz)				704		707.5		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.22	0.167	22.21	0.166	22.20	0.166
10	QPSK	1	25	22.30	0.170	22.20	0.166	22.31	0.170
10	QPSK	1	49	22.20	0.166	22.10	0.162	22.28	0.169
10	QPSK	25	0	21.17	0.131	21.19	0.132	21.31	0.135
10	QPSK	25	13	21.15	0.130	21.14	0.130	21.20	0.132
10	QPSK	25	25	21.32	0.136	21.29	0.135	21.28	0.134
10	QPSK	50	0	21.27	0.134	21.15	0.130	21.23	0.133
10	16QAM	1	0	21.52	0.142	20.75	0.119	21.53	0.142
10	16QAM	1	25	21.53	0.142	21.19	0.132	21.80	0.151
10	16QAM	1	49	21.35	0.136	20.95	0.124	21.45	0.140
10	16QAM	25	0	20.26	0.106	20.30	0.107	20.43	0.110
10	16QAM	25	13	20.18	0.104	20.17	0.104	20.17	0.104
10	16QAM	25	25	20.19	0.104	20.23	0.105	20.14	0.103
10	16QAM	50	0	20.32	0.108	20.21	0.105	20.41	0.110



LTE Band 12				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23035		23095		23155	
Frequency (MHz)				701.5		707.5		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.25	0.133	22.25	0.168	22.23	0.167
5	QPSK	1	13	22.31	0.170	22.24	0.167	22.33	0.171
5	QPSK	1	24	22.22	0.167	22.11	0.163	22.31	0.170
5	QPSK	12	0	21.20	0.132	21.24	0.133	21.35	0.136
5	QPSK	12	6	21.17	0.131	21.18	0.131	21.23	0.133
5	QPSK	12	13	21.35	0.136	21.34	0.136	21.32	0.136
5	QPSK	25	0	21.30	0.135	21.20	0.132	21.27	0.134
5	16QAM	1	0	21.54	0.143	20.79	0.120	21.58	0.144
5	16QAM	1	13	21.57	0.144	21.21	0.132	21.84	0.153
5	16QAM	1	24	21.37	0.137	20.98	0.125	21.47	0.140
5	16QAM	12	0	20.29	0.107	20.34	0.108	20.46	0.111
5	16QAM	12	6	20.21	0.105	20.19	0.104	20.20	0.105
5	16QAM	12	13	20.22	0.105	20.28	0.107	20.18	0.104
5	16QAM	25	0	20.34	0.108	20.25	0.106	20.44	0.111



LTE Band 12				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23025		23095		23165	
Frequency (MHz)				700.5		707.5		714.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.27	0.169	22.30	0.170	22.26	0.168
3	QPSK	1	7	22.32	0.171	22.24	0.167	22.35	0.172
3	QPSK	1	14	22.26	0.168	22.17	0.165	22.36	0.172
3	QPSK	8	0	21.22	0.132	21.28	0.134	21.38	0.137
3	QPSK	8	4	21.19	0.132	21.22	0.132	21.28	0.134
3	QPSK	8	7	21.38	0.137	21.35	0.136	21.35	0.136
3	QPSK	15	0	21.26	0.134	21.23	0.133	21.30	0.135
3	16QAM	1	0	21.60	0.145	20.82	0.121	21.61	0.145
3	16QAM	1	7	21.59	0.144	21.22	0.132	21.86	0.153
3	16QAM	1	14	21.40	0.138	21.02	0.126	21.51	0.142
3	16QAM	8	0	20.31	0.107	20.35	0.108	20.48	0.112
3	16QAM	8	4	20.25	0.106	20.25	0.106	20.25	0.106
3	16QAM	8	7	20.24	0.106	20.32	0.108	20.21	0.105
3	16QAM	15	0	20.36	0.109	20.29	0.107	20.49	0.112



LTE Band 12				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23017		23095		23173	
Frequency (MHz)				699.7		707.5		715.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.25	0.168	22.26	0.168	22.23	0.167
1.4	QPSK	1	2	22.29	0.169	22.19	0.166	22.31	0.170
1.4	QPSK	1	5	22.23	0.167	22.12	0.163	22.32	0.171
1.4	QPSK	3	0	22.12	0.163	22.16	0.164	22.25	0.168
1.4	QPSK	3	2	22.07	0.161	22.12	0.163	22.16	0.164
1.4	QPSK	3	3	22.28	0.169	22.24	0.167	22.25	0.168
1.4	QPSK	6	0	21.23	0.133	21.19	0.132	21.27	0.134
1.4	16QAM	1	0	21.57	0.144	20.80	0.120	21.58	0.144
1.4	16QAM	1	2	21.56	0.143	21.17	0.131	21.82	0.152
1.4	16QAM	1	5	21.38	0.137	20.98	0.125	21.48	0.141
1.4	16QAM	3	0	21.20	0.132	21.22	0.132	21.36	0.137
1.4	16QAM	3	2	21.14	0.130	21.12	0.129	21.13	0.130
1.4	16QAM	3	3	21.14	0.130	21.20	0.132	21.08	0.128
1.4	16QAM	6	0	20.33	0.108	20.25	0.106	20.46	0.111



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		23230		/	
Frequency (MHz)				/		782		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	24.68	0.294	/	/
10	QPSK	1	25	/	/	24.77	0.300	/	/
10	QPSK	1	49	/	/	24.63	0.290	/	/
10	QPSK	25	0	/	/	23.79	0.239	/	/
10	QPSK	25	12	/	/	23.71	0.235	/	/
10	QPSK	25	25	/	/	23.80	0.240	/	/
10	QPSK	50	0	/	/	23.66	0.232	/	/
10	16QAM	1	0	/	/	24.03	0.253	/	/
10	16QAM	1	25	/	/	24.33	0.271	/	/
10	16QAM	1	49	/	/	23.86	0.243	/	/
10	16QAM	25	0	/	/	22.70	0.186	/	/
10	16QAM	25	12	/	/	22.75	0.188	/	/
10	16QAM	25	25	/	/	22.80	0.191	/	/
10	16QAM	50	0	/	/	22.74	0.188	/	/



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23205		23230		23255	
Frequency (MHz)				779.5		782		784.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	24.64	0.291	24.55	0.285	24.70	0.295
5	QPSK	1	12	24.71	0.296	24.60	0.288	24.69	0.294
5	QPSK	1	24	24.50	0.282	24.61	0.289	24.57	0.286
5	QPSK	12	0	23.79	0.239	23.69	0.234	23.74	0.237
5	QPSK	12	7	23.77	0.238	23.72	0.236	23.78	0.239
5	QPSK	12	13	23.67	0.233	23.74	0.237	23.75	0.237
5	QPSK	25	0	23.73	0.236	23.66	0.232	23.72	0.236
5	16QAM	1	0	23.98	0.250	23.33	0.215	23.52	0.225
5	16QAM	1	12	24.06	0.255	23.37	0.217	23.27	0.212
5	16QAM	1	24	23.95	0.248	23.08	0.203	23.35	0.216
5	16QAM	12	0	22.42	0.175	22.44	0.175	22.60	0.182
5	16QAM	12	7	22.55	0.180	22.67	0.185	22.57	0.181
5	16QAM	12	13	22.68	0.185	22.52	0.179	22.49	0.177
5	16QAM	25	0	22.66	0.185	22.88	0.194	22.54	0.179



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	25.36	0.344	25.49	0.354	25.50	0.355
20	QPSK	1	49	25.28	0.337	25.74	0.375	25.54	0.358
20	QPSK	1	99	25.31	0.340	25.59	0.362	25.38	0.345
20	QPSK	50	0	24.49	0.281	24.58	0.287	24.29	0.269
20	QPSK	50	24	24.40	0.275	24.74	0.298	24.34	0.272
20	QPSK	50	50	24.60	0.288	24.57	0.286	24.36	0.273
20	QPSK	100	0	24.52	0.283	24.66	0.292	24.27	0.267
20	16QAM	1	0	24.76	0.299	24.30	0.269	24.12	0.258
20	16QAM	1	49	24.37	0.274	24.75	0.299	24.52	0.283
20	16QAM	1	99	24.51	0.282	24.36	0.273	24.16	0.261
20	16QAM	50	0	23.56	0.227	23.62	0.230	23.31	0.214
20	16QAM	50	24	23.33	0.215	23.78	0.239	23.44	0.221
20	16QAM	50	50	23.71	0.235	23.62	0.230	23.48	0.223
20	16QAM	100	0	23.61	0.230	23.77	0.238	23.37	0.217



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132047		132322		132597	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	25.39	0.346	25.53	0.357	25.53	0.357
15	QPSK	1	37	25.29	0.338	25.78	0.378	25.56	0.360
15	QPSK	1	74	25.33	0.341	25.60	0.363	25.41	0.348
15	QPSK	36	0	24.52	0.283	24.63	0.290	24.33	0.271
15	QPSK	36	20	24.42	0.277	24.78	0.301	24.37	0.274
15	QPSK	36	39	24.63	0.290	24.62	0.290	24.40	0.275
15	QPSK	75	0	24.55	0.285	24.71	0.296	24.31	0.270
15	16QAM	1	0	24.78	0.301	24.34	0.272	24.17	0.261
15	16QAM	1	37	24.41	0.276	24.77	0.300	24.56	0.286
15	16QAM	1	74	24.53	0.284	24.39	0.275	24.18	0.262
15	16QAM	36	0	23.59	0.229	23.66	0.232	23.34	0.216
15	16QAM	36	20	23.36	0.217	23.80	0.240	23.47	0.222
15	16QAM	36	39	23.74	0.237	23.67	0.233	23.52	0.225
15	16QAM	75	0	23.63	0.231	23.81	0.240	23.40	0.219



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132022		132322		132622	
Frequency (MHz)				1715		1745		1775	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	25.40	0.347	25.57	0.361	25.55	0.359
10	QPSK	1	25	25.31	0.340	25.79	0.379	25.59	0.362
10	QPSK	1	49	25.36	0.344	25.65	0.367	25.45	0.351
10	QPSK	25	0	24.54	0.284	24.67	0.293	24.36	0.273
10	QPSK	25	12	24.45	0.279	24.83	0.304	24.41	0.276
10	QPSK	25	25	24.66	0.292	24.65	0.292	24.44	0.278
10	QPSK	50	0	24.57	0.286	24.75	0.299	24.36	0.273
10	16QAM	1	0	24.83	0.304	24.36	0.273	24.19	0.262
10	16QAM	1	25	24.43	0.277	24.80	0.302	24.58	0.287
10	16QAM	1	49	24.56	0.286	24.43	0.277	24.21	0.264
10	16QAM	25	0	23.62	0.230	23.68	0.233	23.37	0.217
10	16QAM	25	12	23.39	0.218	23.85	0.243	23.51	0.224
10	16QAM	25	25	23.76	0.238	23.71	0.235	23.55	0.226
10	16QAM	50	0	23.66	0.232	23.86	0.243	23.44	0.221



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131997		132322		132647	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	25.38	0.345	25.56	0.360	25.52	0.356
5	QPSK	1	12	25.28	0.337	25.74	0.375	25.55	0.359
5	QPSK	1	24	25.34	0.342	25.61	0.364	25.42	0.348
5	QPSK	12	0	24.51	0.282	24.62	0.290	24.32	0.270
5	QPSK	12	7	24.42	0.277	24.78	0.301	24.37	0.274
5	QPSK	12	13	24.64	0.291	24.61	0.289	24.39	0.275
5	QPSK	25	0	24.49	0.281	24.73	0.297	24.32	0.270
5	16QAM	1	0	24.81	0.303	24.33	0.271	24.17	0.261
5	16QAM	1	12	24.40	0.275	24.76	0.299	24.55	0.285
5	16QAM	1	24	24.53	0.284	24.41	0.276	24.18	0.262
5	16QAM	12	0	23.59	0.229	23.63	0.231	23.33	0.215
5	16QAM	12	7	23.37	0.217	23.81	0.240	23.48	0.223
5	16QAM	12	13	23.73	0.236	23.66	0.232	23.51	0.224
5	16QAM	25	0	23.63	0.231	23.81	0.240	23.40	0.219



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	25.41	0.348	25.58	0.361	25.56	0.360
3	QPSK	1	8	25.30	0.339	25.78	0.378	25.58	0.361
3	QPSK	1	14	25.37	0.344	25.66	0.368	25.46	0.352
3	QPSK	8	0	24.54	0.284	24.67	0.293	24.36	0.273
3	QPSK	8	4	24.44	0.278	24.82	0.303	24.42	0.277
3	QPSK	8	7	24.66	0.292	24.63	0.290	24.43	0.277
3	QPSK	15	0	24.51	0.282	24.74	0.298	24.34	0.272
3	16QAM	1	0	24.84	0.305	24.37	0.274	24.20	0.263
3	16QAM	1	8	24.43	0.277	24.78	0.301	24.58	0.287
3	16QAM	1	14	24.56	0.286	24.43	0.277	24.22	0.264
3	16QAM	8	0	23.61	0.230	23.67	0.233	23.36	0.217
3	16QAM	8	4	23.40	0.219	23.86	0.243	23.52	0.225
3	16QAM	8	7	23.76	0.238	23.71	0.235	23.55	0.226
3	16QAM	15	0	23.65	0.232	23.85	0.243	23.45	0.221



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	25.39	0.346	25.54	0.358	25.53	0.357
1.4	QPSK	1	3	25.27	0.337	25.73	0.374	25.54	0.358
1.4	QPSK	1	5	25.34	0.342	25.61	0.364	25.42	0.348
1.4	QPSK	3	0	25.44	0.350	25.55	0.359	25.23	0.333
1.4	QPSK	3	1	25.32	0.340	25.72	0.373	25.30	0.339
1.4	QPSK	3	3	25.56	0.360	25.52	0.356	25.33	0.341
1.4	QPSK	6	0	24.48	0.281	24.70	0.295	24.31	0.270
1.4	16QAM	1	0	24.81	0.303	24.35	0.272	24.17	0.261
1.4	16QAM	1	3	24.40	0.275	24.73	0.297	24.54	0.284
1.4	16QAM	1	5	24.54	0.284	24.39	0.275	24.19	0.262
1.4	16QAM	3	0	24.50	0.282	24.54	0.284	24.24	0.265
1.4	16QAM	3	1	24.29	0.269	24.73	0.297	24.40	0.275
1.4	16QAM	3	3	24.66	0.292	24.59	0.288	24.42	0.277
1.4	16QAM	6	0	23.62	0.230	23.81	0.240	23.42	0.220



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133222		133322		133372	
Frequency (MHz)				673		683		688	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	21.75	0.150	21.78	0.151	21.56	0.143
20	QPSK	1	49	22.06	0.161	21.85	0.153	21.69	0.148
20	QPSK	1	99	21.84	0.153	21.66	0.147	21.65	0.146
20	QPSK	50	0	20.75	0.119	20.91	0.123	20.88	0.122
20	QPSK	50	24	20.80	0.120	20.77	0.119	20.80	0.120
20	QPSK	50	50	20.96	0.125	20.94	0.124	20.92	0.124
20	QPSK	100	0	20.82	0.121	20.95	0.124	20.77	0.119
20	16QAM	1	0	20.65	0.116	21.23	0.133	21.47	0.140
20	16QAM	1	49	20.79	0.120	21.46	0.140	21.50	0.141
20	16QAM	1	99	20.82	0.121	21.00	0.126	21.38	0.137
20	16QAM	50	0	19.88	0.097	19.84	0.096	19.67	0.093
20	16QAM	50	24	19.83	0.096	19.87	0.097	19.84	0.096
20	16QAM	50	50	19.98	0.100	19.81	0.096	19.72	0.094
20	16QAM	100	0	19.92	0.098	20.08	0.102	19.90	0.098



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133197		133297		133397	
Frequency (MHz)				670.5		680.5		690.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	21.78	0.151	21.63	0.146	21.59	0.144
15	QPSK	1	37	22.07	0.161	21.73	0.149	21.71	0.148
15	QPSK	1	74	21.86	0.153	21.71	0.148	21.68	0.147
15	QPSK	36	0	20.78	0.120	20.87	0.122	20.92	0.124
15	QPSK	36	20	20.82	0.121	20.83	0.121	20.83	0.121
15	QPSK	36	39	20.99	0.126	20.75	0.119	20.96	0.125
15	QPSK	75	0	20.85	0.122	20.73	0.118	20.81	0.121
15	16QAM	1	0	20.67	0.117	20.69	0.117	21.52	0.142
15	16QAM	1	37	20.83	0.121	20.71	0.118	21.54	0.143
15	16QAM	1	74	20.84	0.121	20.84	0.121	21.40	0.138
15	16QAM	36	0	19.91	0.098	19.87	0.097	19.70	0.093
15	16QAM	36	20	19.86	0.097	19.82	0.096	19.87	0.097
15	16QAM	36	39	20.01	0.100	19.74	0.094	19.76	0.095
15	16QAM	75	0	19.94	0.099	19.73	0.094	19.93	0.098



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133172		133297		133422	
Frequency (MHz)				668		680.5		693	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.79	0.151	21.86	0.153	21.61	0.145
10	QPSK	1	25	22.09	0.162	21.90	0.155	21.74	0.149
10	QPSK	1	49	21.89	0.155	21.72	0.149	21.72	0.149
10	QPSK	25	0	20.80	0.120	21.00	0.126	20.95	0.124
10	QPSK	25	12	20.85	0.122	20.86	0.122	20.87	0.122
10	QPSK	25	25	21.02	0.126	21.02	0.126	21.00	0.126
10	QPSK	50	0	20.87	0.122	21.04	0.127	20.86	0.122
10	16QAM	1	0	20.72	0.118	21.29	0.135	21.54	0.143
10	16QAM	1	25	20.85	0.122	21.51	0.142	21.56	0.143
10	16QAM	1	49	20.87	0.122	21.07	0.128	21.43	0.139
10	16QAM	25	0	19.94	0.099	19.90	0.098	19.73	0.094
10	16QAM	25	12	19.89	0.097	19.94	0.099	19.91	0.098
10	16QAM	25	25	20.03	0.101	19.90	0.098	19.79	0.095
10	16QAM	50	0	19.97	0.099	20.17	0.104	19.97	0.099



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133297		133447	
Frequency (MHz)				665.5		680.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.77	0.150	21.85	0.153	21.58	0.144
5	QPSK	1	12	22.06	0.161	21.85	0.153	21.70	0.148
5	QPSK	1	24	21.87	0.154	21.68	0.147	21.69	0.148
5	QPSK	12	0	20.77	0.119	20.95	0.124	20.91	0.123
5	QPSK	12	7	20.82	0.121	20.81	0.121	20.83	0.121
5	QPSK	12	13	21.00	0.126	20.98	0.125	20.95	0.124
5	QPSK	25	0	20.79	0.120	21.02	0.126	20.82	0.121
5	16QAM	1	0	20.70	0.117	21.26	0.134	21.52	0.142
5	16QAM	1	12	20.82	0.121	21.47	0.140	21.53	0.142
5	16QAM	1	24	20.84	0.121	21.05	0.127	21.40	0.138
5	16QAM	12	0	19.91	0.098	19.85	0.097	19.69	0.093
5	16QAM	12	7	19.87	0.097	19.90	0.098	19.88	0.097
5	16QAM	12	13	20.00	0.100	19.85	0.097	19.75	0.094
5	16QAM	25	0	19.94	0.099	20.12	0.103	19.93	0.098

2.2. Radiated Spurious Emissions

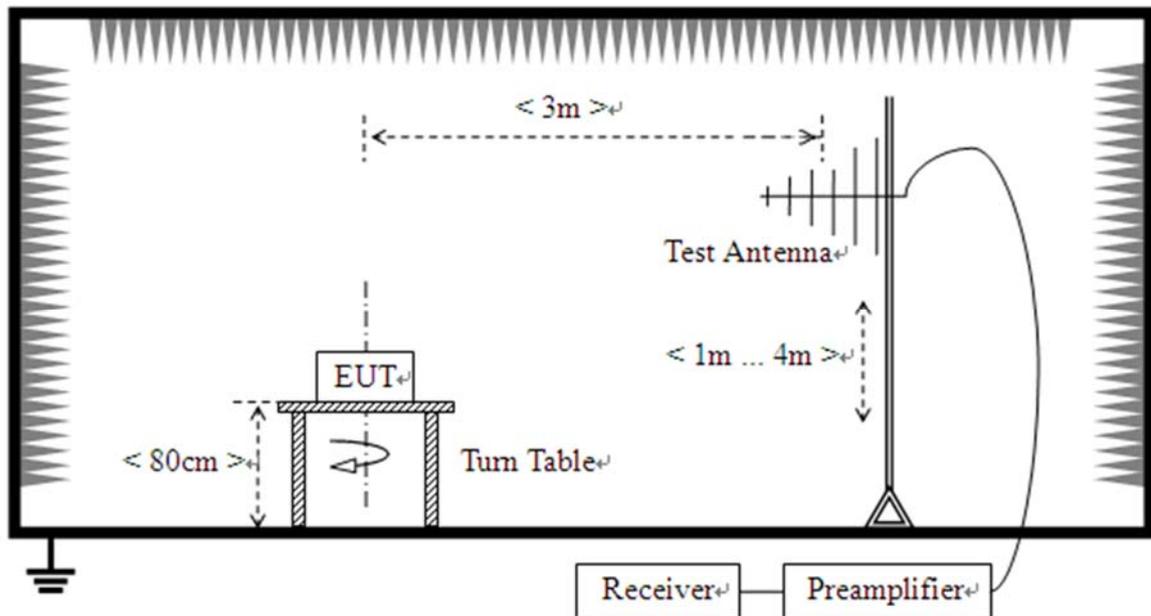
2.2.1. Requirement

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 $43 + 10 \cdot \log(P)$ dB. This calculated to be -13dBm.

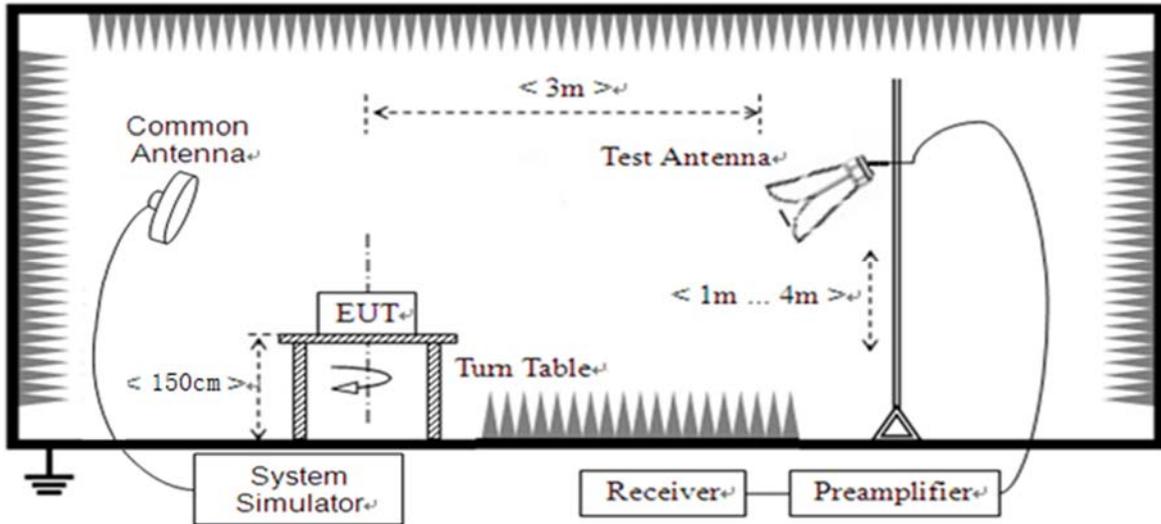
Additional requirement for LTE Band 7/38/41

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

2.2.2. 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.



2.2.3. Test Procedure

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

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements.

For measurements above 1GHz the resolution bandwidth is set to 1MHz, the video band width is set to 3MHz for peak measurements.

2.2.4. Test Result

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

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

Note3: All bandwidth and modulation were considered and evaluated respectively by performing full test for each band, only the worst cases (Max Bandwidth and QPSK mode) were recorded in this test report.

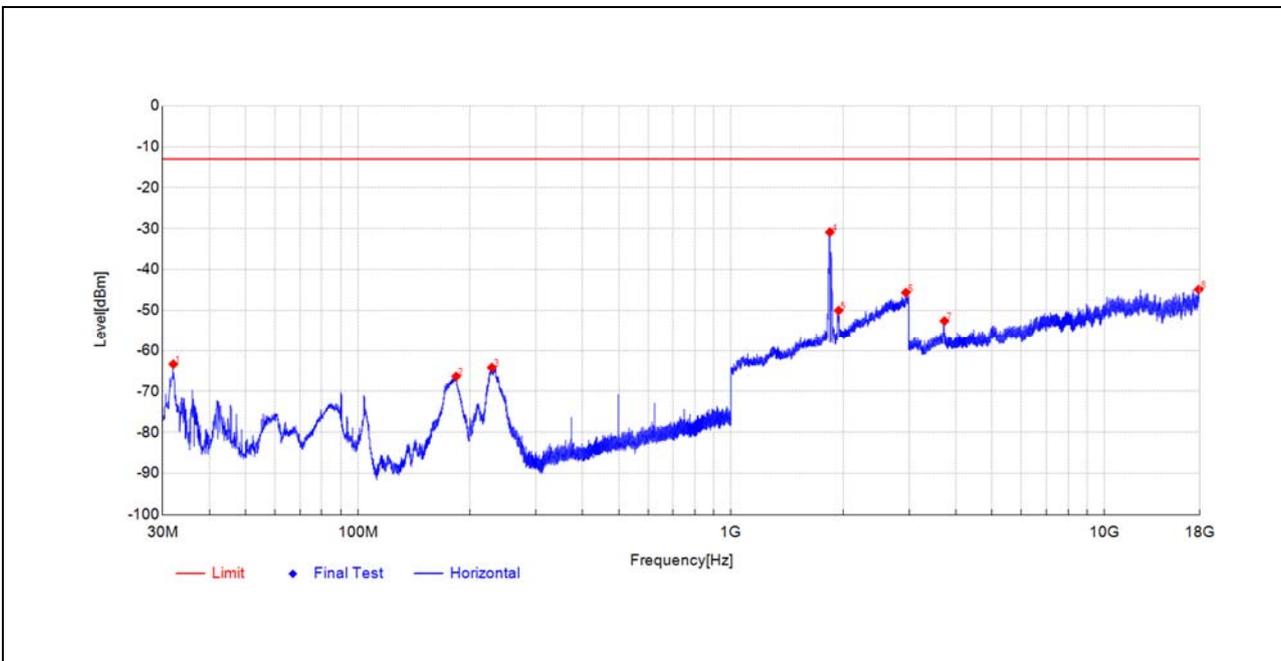
Note4: NA means the frequency is the basic frequency or the base station frequency, they are no need to verdict.

Note5: The amplitude of emissions(18GHz to 10th harmonics) which are attenuated more than 20 dB below the limit are not be reported.

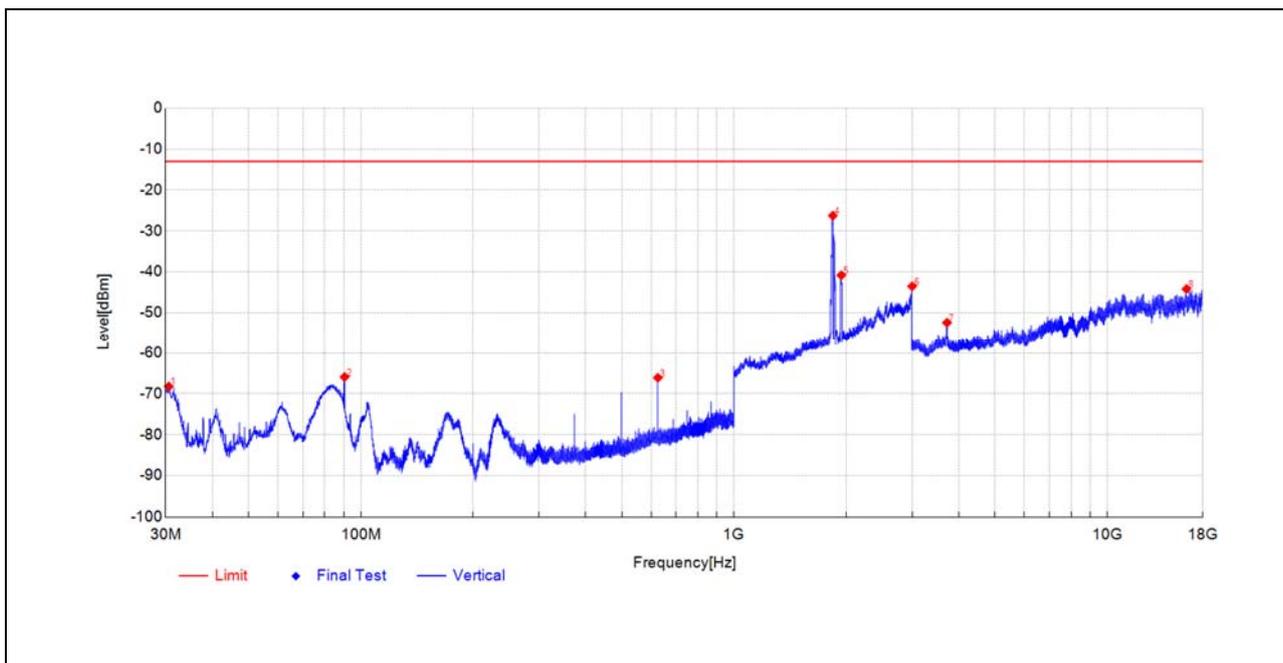


LTE Band 2

Plot for Low Channel



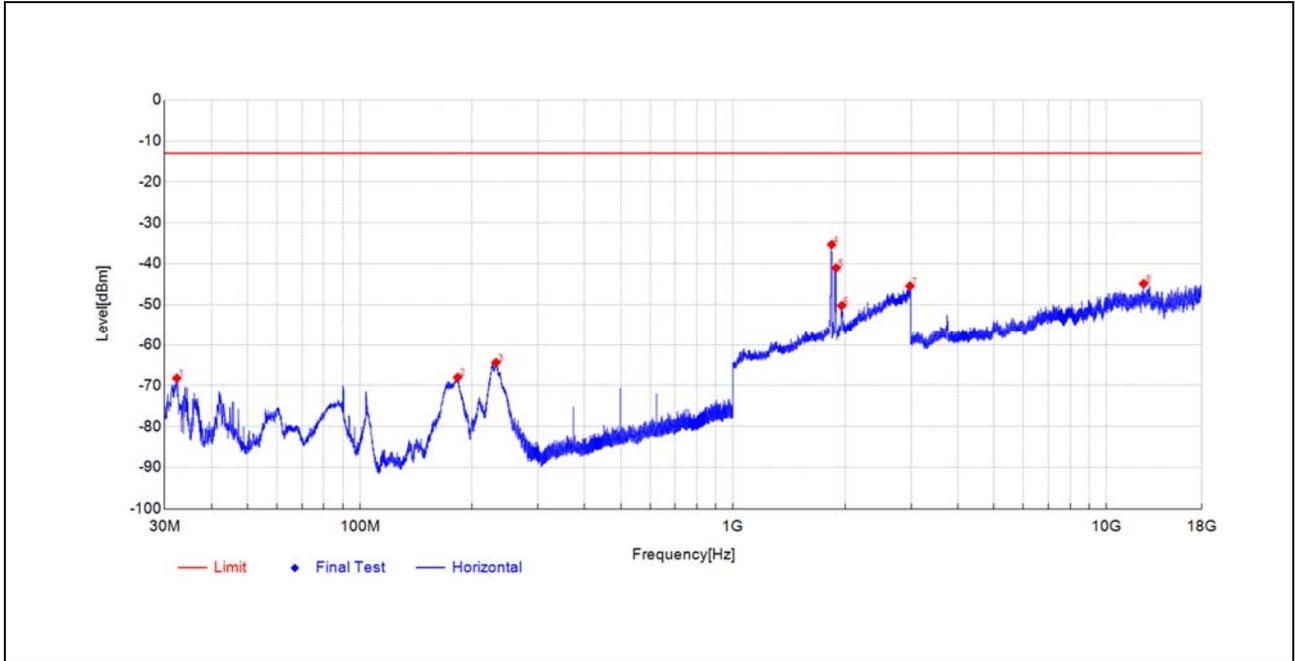
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
32.0371	-48.16	-63.36	-15.2	-13.0	50.4	Horizontal	PK	PASS
183.3647	-45.62	-66.34	-20.7	-13.0	53.3	Horizontal	PK	PASS
228.5689	-48.86	-64.19	-15.3	-13.0	51.2	Horizontal	PK	PASS
1840.168	-35.08	-30.85	4.2	-13.0	17.9	Horizontal	PK	PASS
1942.5885	-54.20	-50.02	4.2	-	-	Horizontal	PK	NA
2940.3881	-58.58	-45.62	13.0	-13.0	32.6	Horizontal	PK	PASS
3730.8187	-54.06	-52.59	1.5	-13.0	39.6	Horizontal	PK	PASS
17902.076	-69.34	-44.86	24.5	-13.0	31.9	Horizontal	PK	PASS



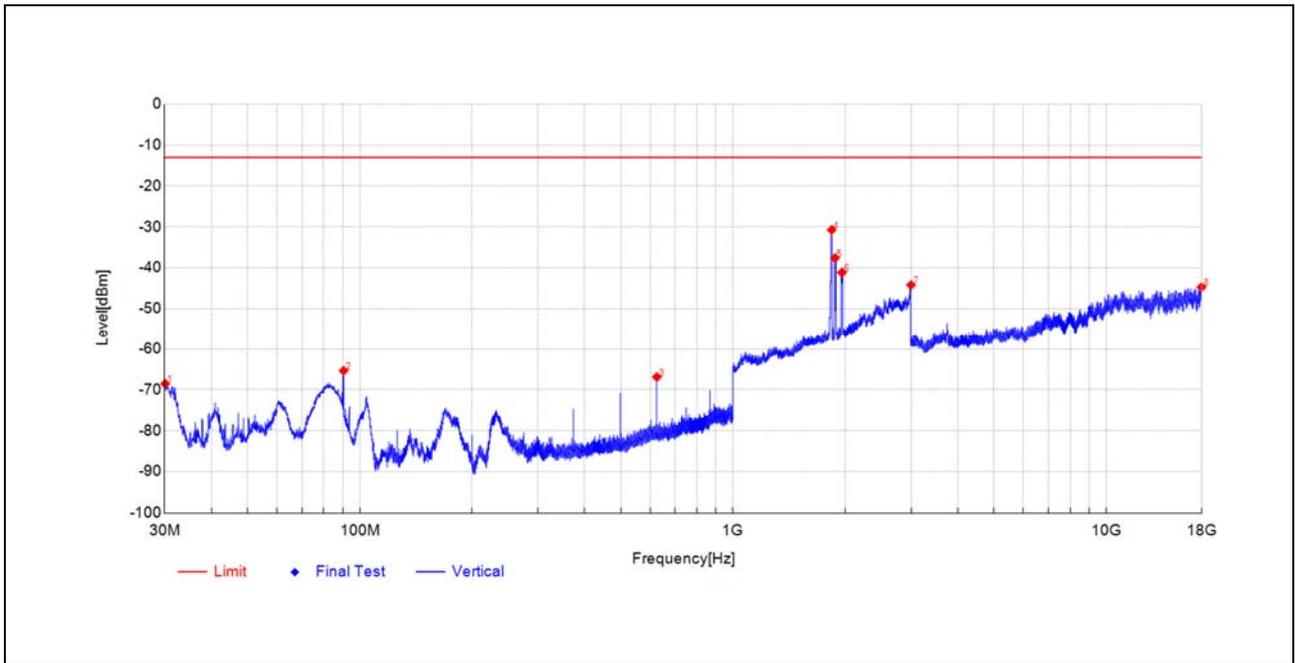
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
30.582	-43.20	-68.23	-25.0	-13.0	55.2	Vertical	PK	PASS
90.434	-43.64	-65.92	-22.3	-13.0	52.9	Vertical	PK	PASS
624.9792	-56.44	-66.09	-9.7	-13.0	53.1	Vertical	PK	PASS
1838.9678	-30.84	-26.24	4.6	-13.0	13.2	Vertical	PK	PASS
1937.7876	-44.72	-40.81	3.9	-	-	Vertical	PK	NA
2999.5999	-59.74	-43.51	16.2	-13.0	30.5	Vertical	PK	PASS
3720.1029	-53.94	-52.40	1.5	-13.0	39.4	Vertical	PK	PASS
16296.891	-70.36	-44.17	26.2	-13.0	31.2	Vertical	PK	PASS



Plot for Mid Channel



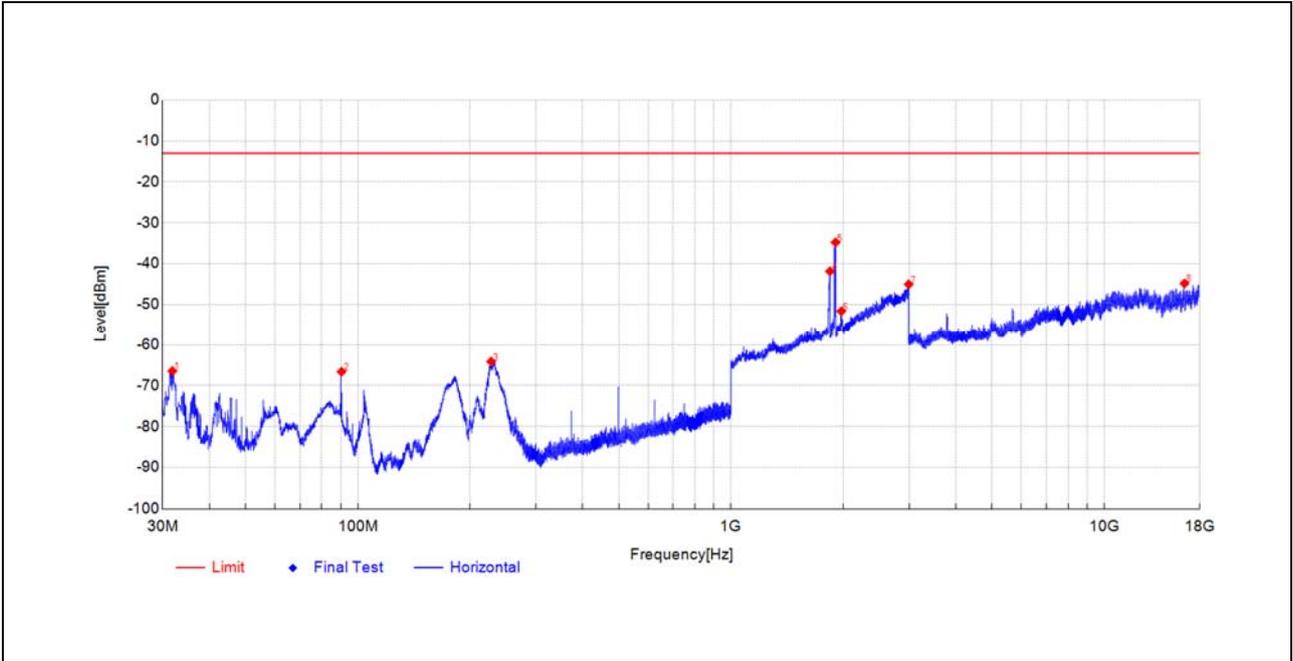
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
32.3281	-53.00	-68.21	-15.2	-13.0	55.2	Horizontal	PK	PASS
182.8311	-47.21	-68.01	-20.8	-13.0	55.0	Horizontal	PK	PASS
231.6731	-49.02	-64.39	-15.4	-13.0	51.4	Horizontal	PK	PASS
1836.9674	-39.51	-35.30	4.2	-13.0	22.3	Horizontal	PK	PASS
1888.5777	-45.98	-41.03	5.0	-	-	Horizontal	PK	NA
1954.1908	-54.68	-50.24	4.4	-	-	Horizontal	PK	NA
2979.1958	-58.92	-45.45	13.5	-13.0	32.5	Horizontal	PK	PASS
12586.343	-67.82	-44.89	22.9	-13.0	31.9	Horizontal	PK	PASS



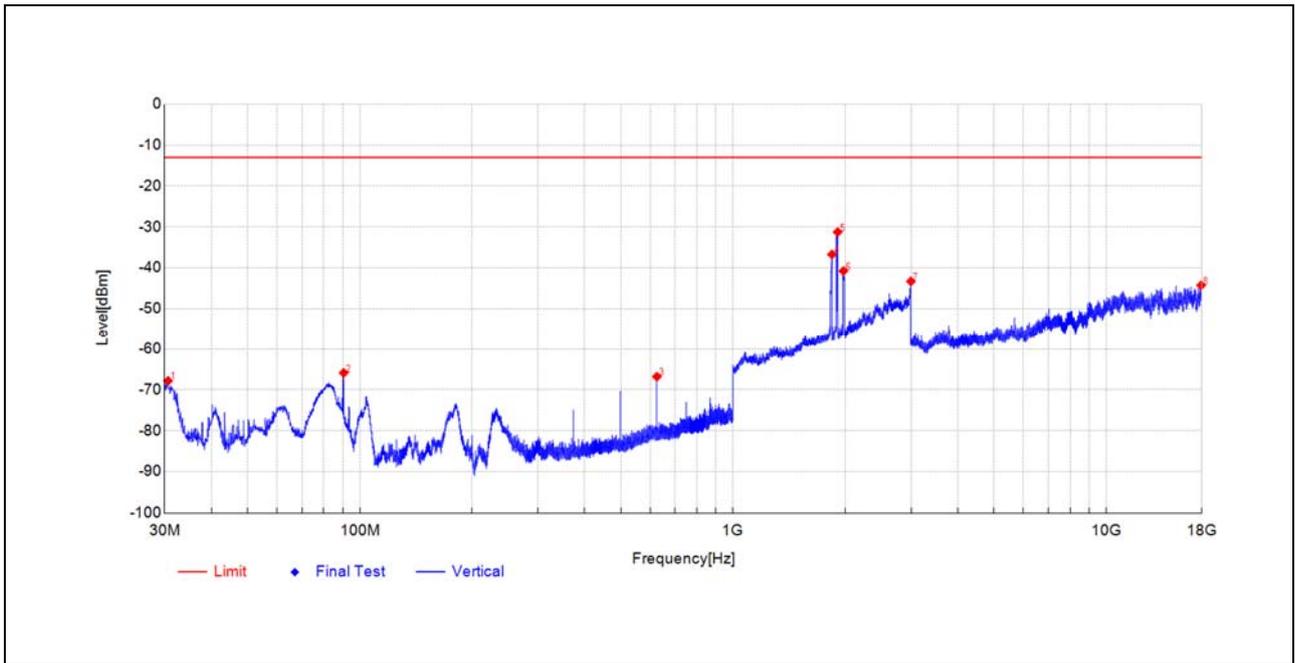
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
30.097	-43.33	-68.52	-25.2	-13.0	55.5	Vertical	PK	PASS
90.434	-43.08	-65.36	-22.3	-13.0	52.4	Vertical	PK	PASS
624.9792	-57.23	-66.88	-9.7	-13.0	53.9	Vertical	PK	PASS
1837.7676	-35.31	-30.68	4.6	-13.0	17.7	Vertical	PK	PASS
1876.5753	-42.55	-37.56	5.0	-	-	Vertical	PK	NA
1957.3915	-45.25	-41.13	4.1	-	-	Vertical	PK	NA
2998.3997	-60.24	-44.17	16.1	-13.0	31.2	Vertical	PK	PASS
17984.159	-68.78	-44.68	24.1	-13.0	31.7	Vertical	PK	PASS



Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
31.8431	-51.25	-66.45	-15.2	-13.0	53.5	Horizontal	PK	PASS
90.434	-43.25	-66.62	-23.4	-13.0	53.6	Horizontal	PK	PASS
227.5504	-48.71	-64.12	-15.4	-13.0	51.1	Horizontal	PK	PASS
1840.5681	-46.05	-41.82	4.2	-13.0	28.8	Horizontal	PK	PASS
1905.7812	-39.07	-34.77	4.3	-	-	Horizontal	PK	NA
1973.7948	-56.20	-51.60	4.6	-	-	Horizontal	PK	NA
2991.9984	-58.84	-45.02	13.8	-13.0	32.0	Horizontal	PK	PASS
16395.775	-70.51	-44.81	25.7	-13.0	31.8	Horizontal	PK	PASS

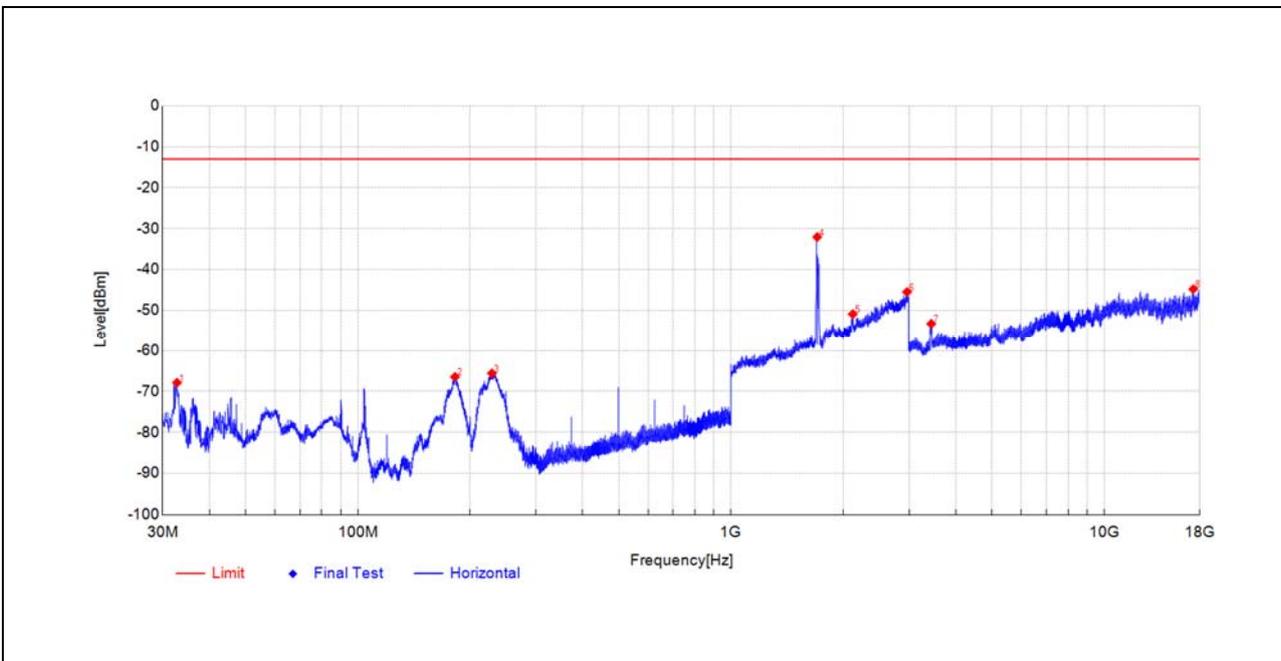


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
30.6305	-42.82	-67.83	-25.0	-13.0	54.8	Vertical	PK	PASS
90.4825	-43.61	-65.89	-22.3	-13.0	52.9	Vertical	PK	PASS
624.9792	-57.15	-66.80	-9.7	-13.0	53.8	Vertical	PK	PASS
1840.9682	-41.25	-36.70	4.6	-13.0	23.7	Vertical	PK	PASS
1906.5813	-36.24	-31.23	5.0	-	-	Vertical	PK	NA
1975.7952	-45.46	-40.75	4.7	-	-	Vertical	PK	NA
2996.3993	-59.12	-43.28	15.8	-13.0	30.3	Vertical	PK	PASS
17949.118	-68.56	-44.25	24.3	-13.0	31.3	Vertical	PK	PASS

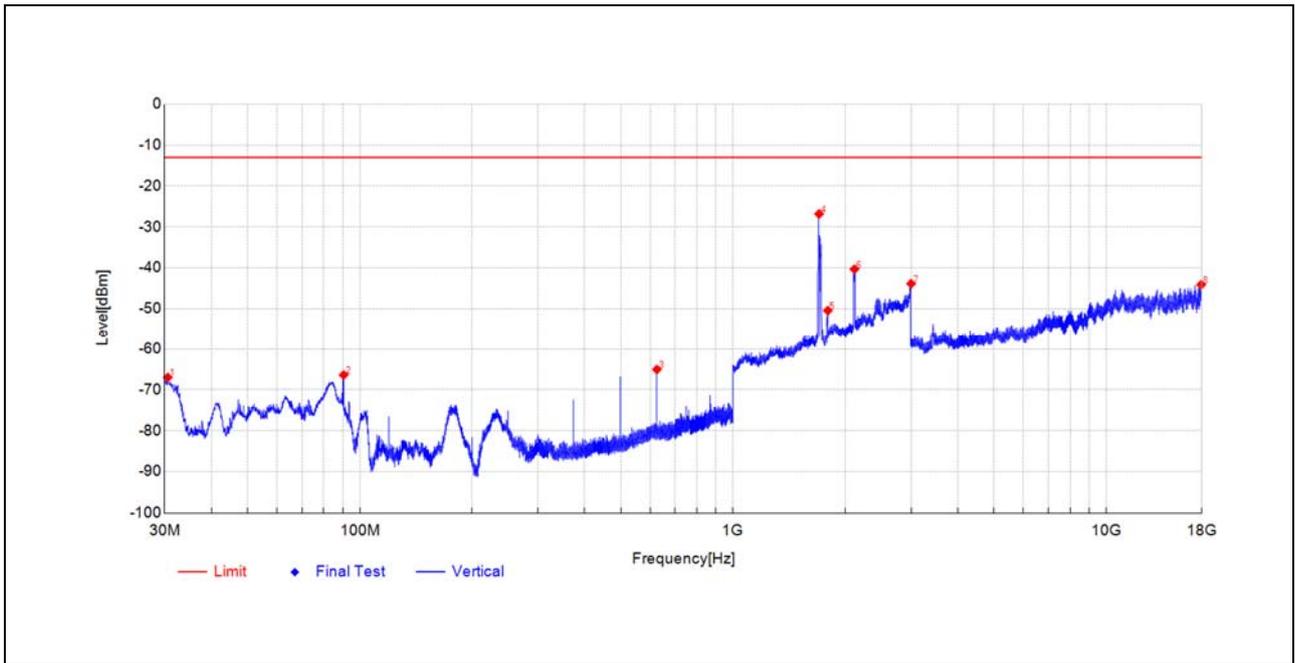


LTE Band 4

Plot for Low Channel



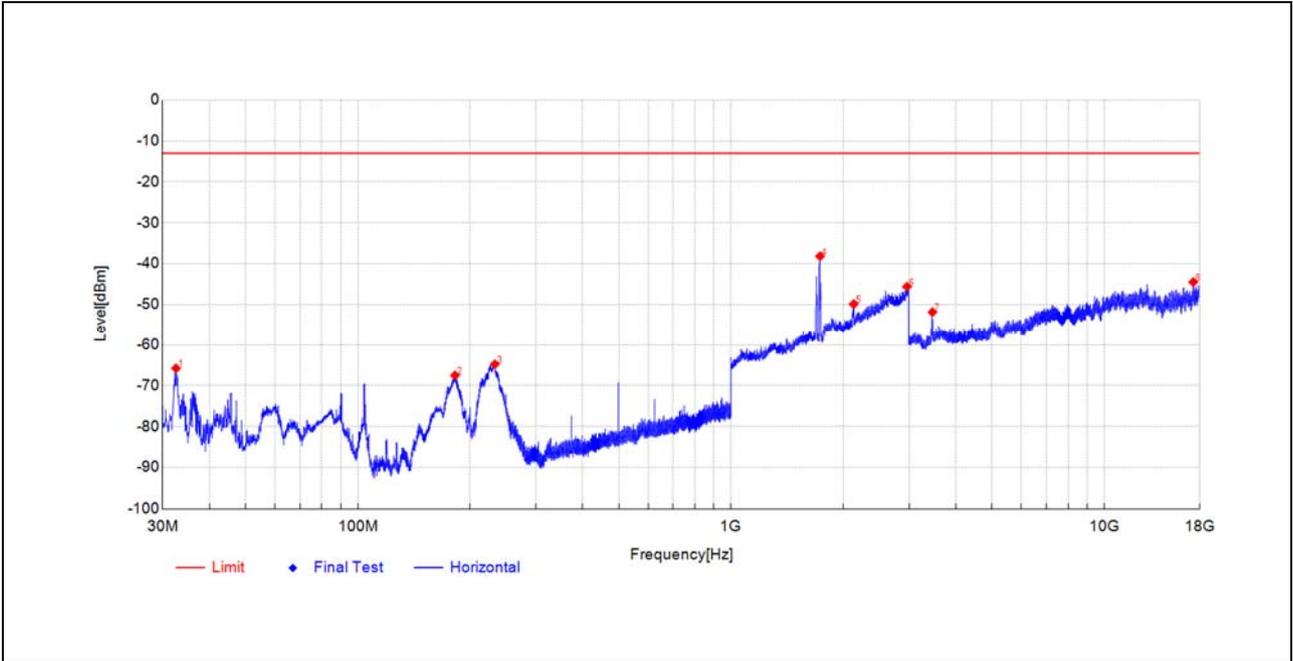
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
32.7646	-52.64	-67.87	-15.2	-13.0	54.9	Horizontal	PK	PASS
182.0551	-45.56	-66.47	-20.9	-13.0	53.5	Horizontal	PK	PASS
228.7144	-50.27	-65.58	-15.3	-13.0	52.6	Horizontal	PK	PASS
1701.3403	-35.39	-32.03	3.4	-13.0	19.0	Horizontal	PK	PASS
2119.4239	-56.78	-50.90	5.9	-	-	Horizontal	PK	NA
2961.5923	-59.58	-45.48	14.1	-13.0	32.5	Horizontal	PK	PASS
3439.7771	-53.80	-53.26	0.5	-13.0	40.3	Horizontal	PK	PASS
17312.612	-68.89	-44.78	24.1	-13.0	31.8	Horizontal	PK	PASS



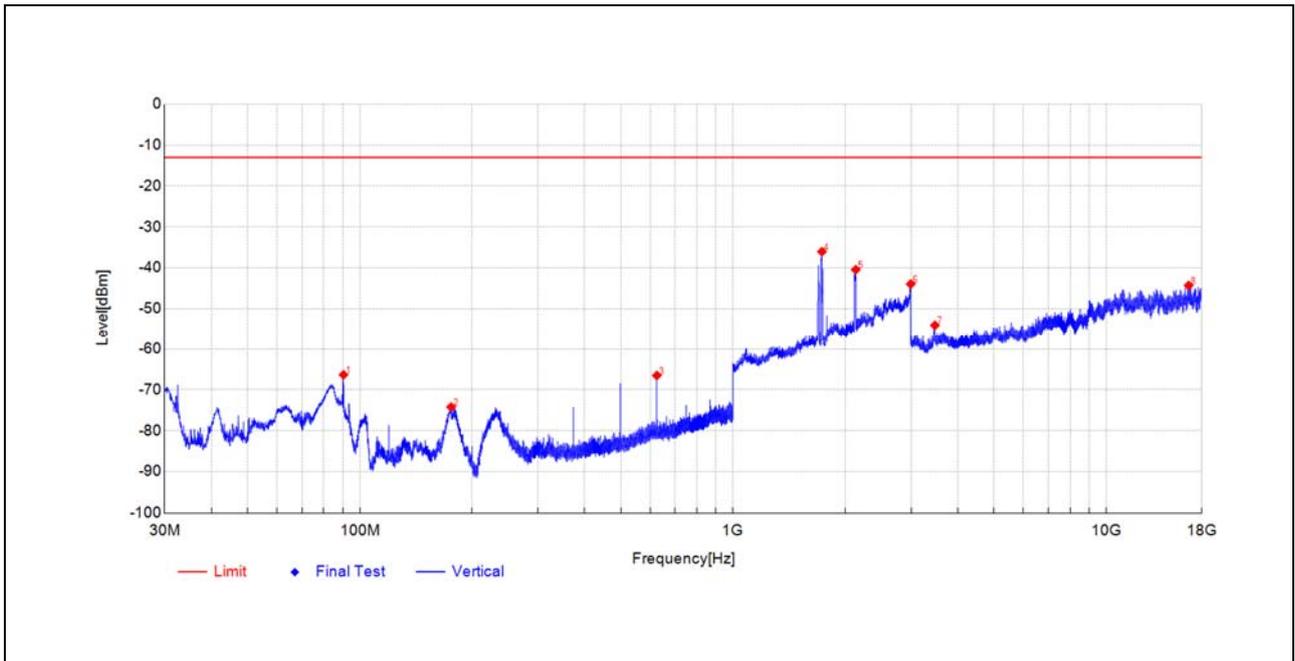
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
30.582	-41.95	-67.00	-25.1	-13.0	54.0	Vertical	PK	PASS
90.4825	-44.15	-66.40	-22.3	-13.0	53.4	Vertical	PK	PASS
624.9792	-55.51	-65.06	-9.6	-13.0	52.1	Vertical	PK	PASS
1700.5401	-30.28	-26.80	3.5	-13.0	13.8	Vertical	PK	PASS
1793.7588	-54.11	-50.43	3.7	-13.0	37.4	Vertical	PK	PASS
2114.6229	-45.95	-40.30	5.7	-	-	Vertical	PK	NA
2999.5999	-60.54	-43.84	16.7	-13.0	30.8	Vertical	PK	PASS
17955.358	-68.39	-44.11	24.3	-13.0	31.1	Vertical	PK	PASS



Plot for Mid Channel



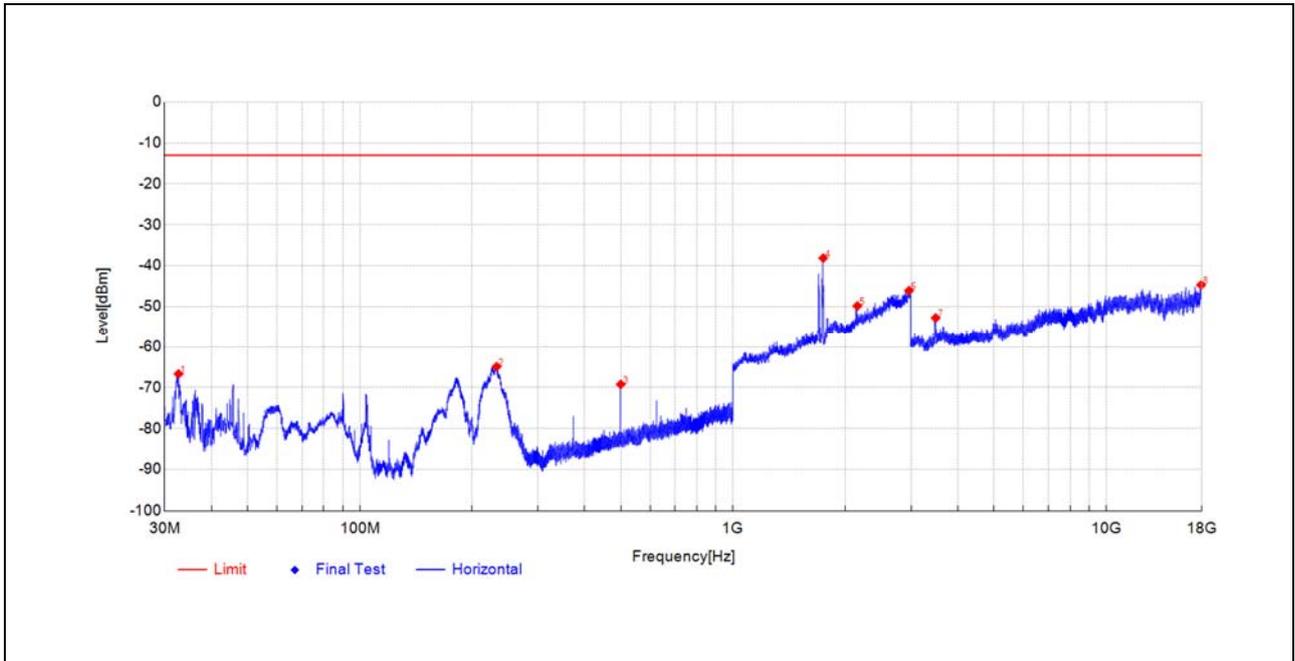
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
32.5706	-50.56	-65.79	-15.2	-13.0	52.8	Horizontal	PK	PASS
182.0551	-46.62	-67.53	-20.9	-13.0	54.5	Horizontal	PK	PASS
232.8856	-49.34	-64.79	-15.5	-13.0	51.8	Horizontal	PK	PASS
1731.3463	-41.20	-38.15	3.1	-	-	Horizontal	PK	NA
2130.6261	-55.88	-49.86	6.0	-	-	Horizontal	PK	NA
2959.992	-59.73	-45.61	14.1	-13.0	32.6	Horizontal	PK	PASS
3465.0664	-52.58	-51.82	0.8	-13.0	38.8	Horizontal	PK	PASS
17313.572	-68.60	-44.48	24.1	-13.0	31.5	Horizontal	PK	PASS



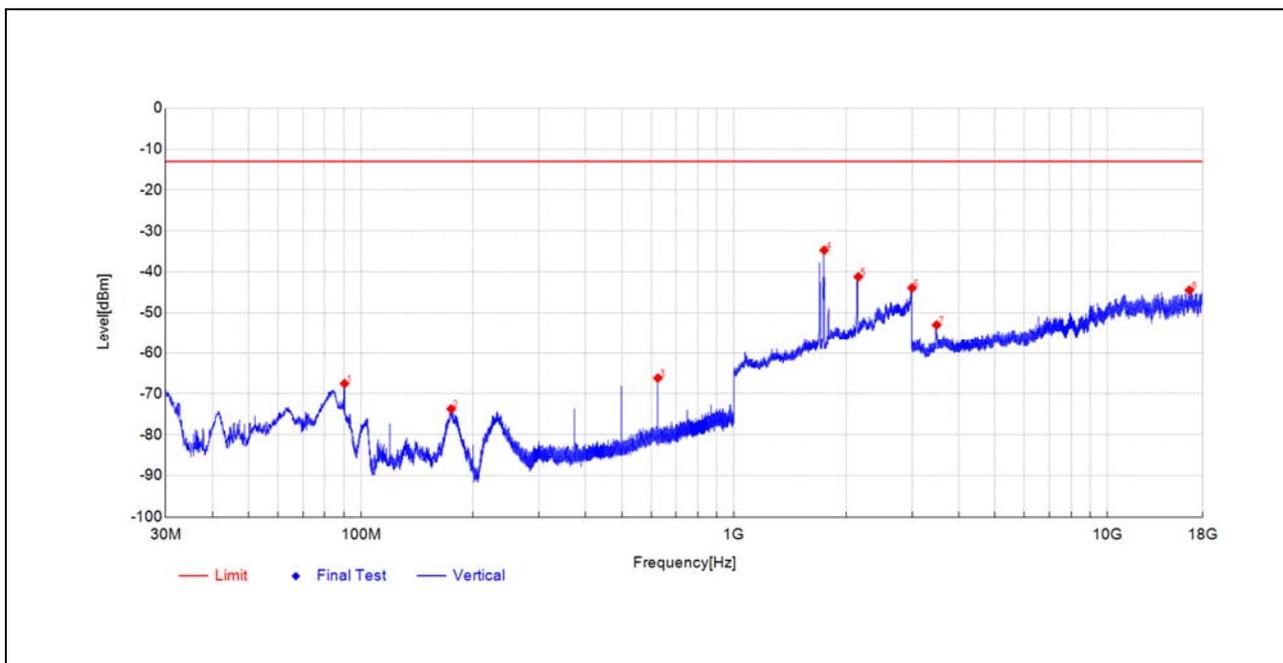
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.434	-44.08	-66.34	-22.3	-13.0	53.3	Vertical	PK	PASS
175.6043	-51.46	-74.23	-22.8	-13.0	61.2	Vertical	PK	PASS
624.9792	-56.97	-66.52	-9.6	-13.0	53.5	Vertical	PK	PASS
1730.5461	-39.43	-36.02	3.4	-	-	Vertical	PK	NA
2131.4263	-46.43	-40.42	6.0	-	-	Vertical	PK	NA
2991.9984	-59.58	-43.94	15.6	-13.0	30.9	Vertical	PK	PASS
3474.4964	-55.08	-54.03	1.1	-13.0	41.0	Vertical	PK	PASS
16620.424	-70.13	-44.29	25.8	-13.0	31.3	Vertical	PK	PASS



Plot for High Channel



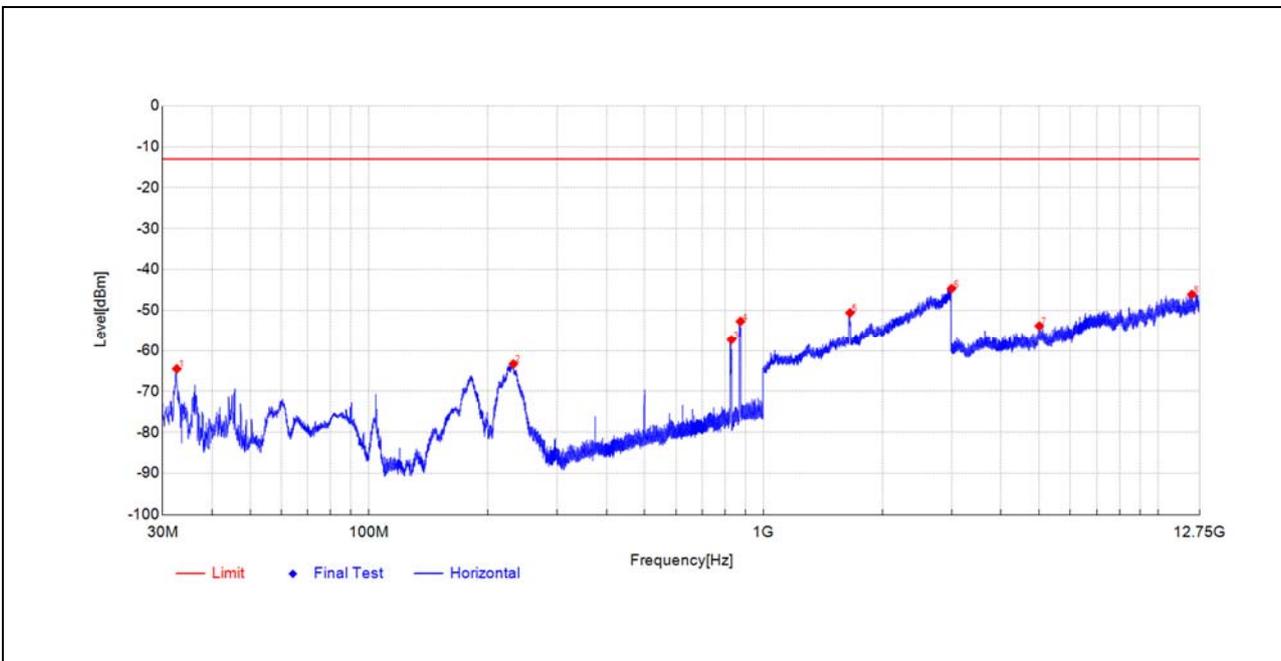
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
32.6676	-51.45	-66.67	-15.2	-13.0	53.7	Horizontal	PK	PASS
232.4491	-49.50	-64.91	-15.4	-13.0	51.9	Horizontal	PK	PASS
499.9885	-56.81	-69.23	-12.4	-13.0	56.2	Horizontal	PK	PASS
1744.1488	-41.10	-38.13	3.0	-	-	Horizontal	PK	NA
2151.8304	-55.85	-49.83	6.0	-	-	Horizontal	PK	NA
2961.1922	-60.19	-46.09	14.1	-13.0	33.1	Horizontal	PK	PASS
3489.9271	-53.73	-52.76	1.0	-13.0	39.8	Horizontal	PK	PASS
17947.197	-68.86	-44.69	24.2	-13.0	31.7	Horizontal	PK	PASS



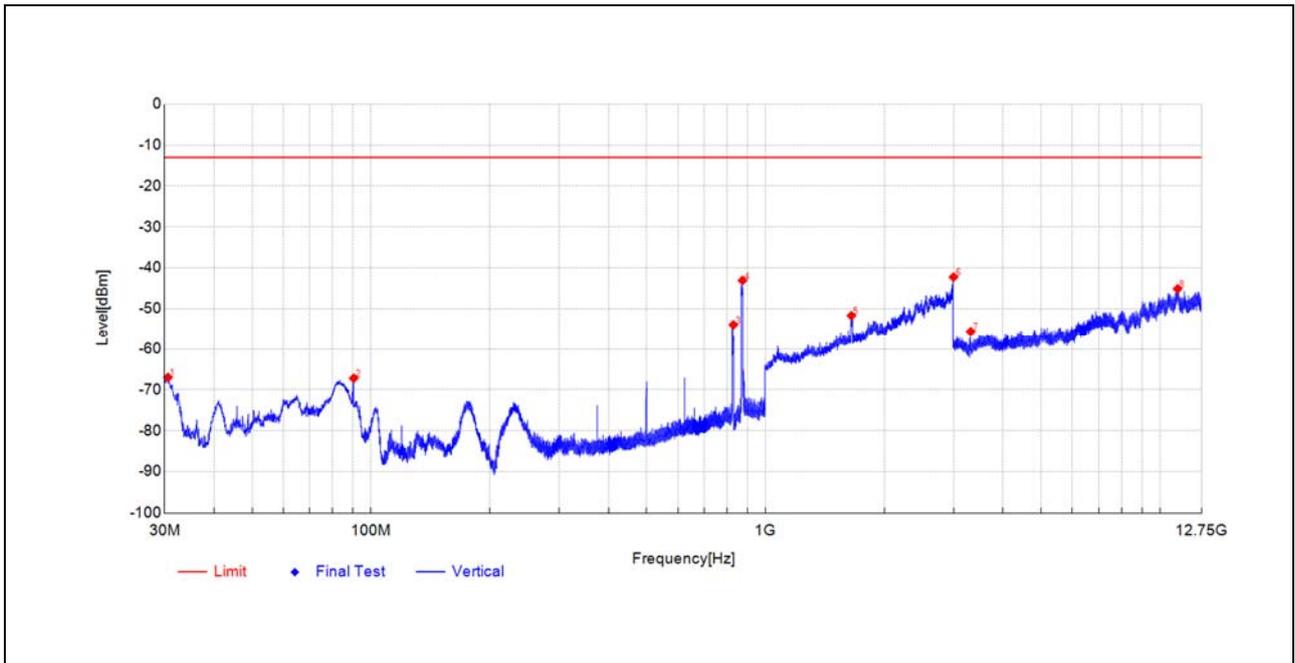
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.434	-45.27	-67.53	-22.3	-13.0	54.5	Vertical	PK	PASS
174.5857	-50.95	-73.74	-22.8	-13.0	60.7	Vertical	PK	PASS
624.9792	-56.63	-66.18	-9.6	-13.0	53.2	Vertical	PK	PASS
1743.7488	-38.15	-34.70	3.5	-	-	Vertical	PK	NA
2152.2304	-46.91	-41.20	5.7	-	-	Vertical	PK	NA
2996.7994	-60.21	-43.93	16.3	-13.0	30.9	Vertical	PK	PASS
3488.6412	-54.16	-52.97	1.2	-13.0	40.0	Vertical	PK	PASS
16590.183	-70.25	-44.46	25.8	-13.0	31.5	Vertical	PK	PASS

LTE Band 5

Plot for Low Channel



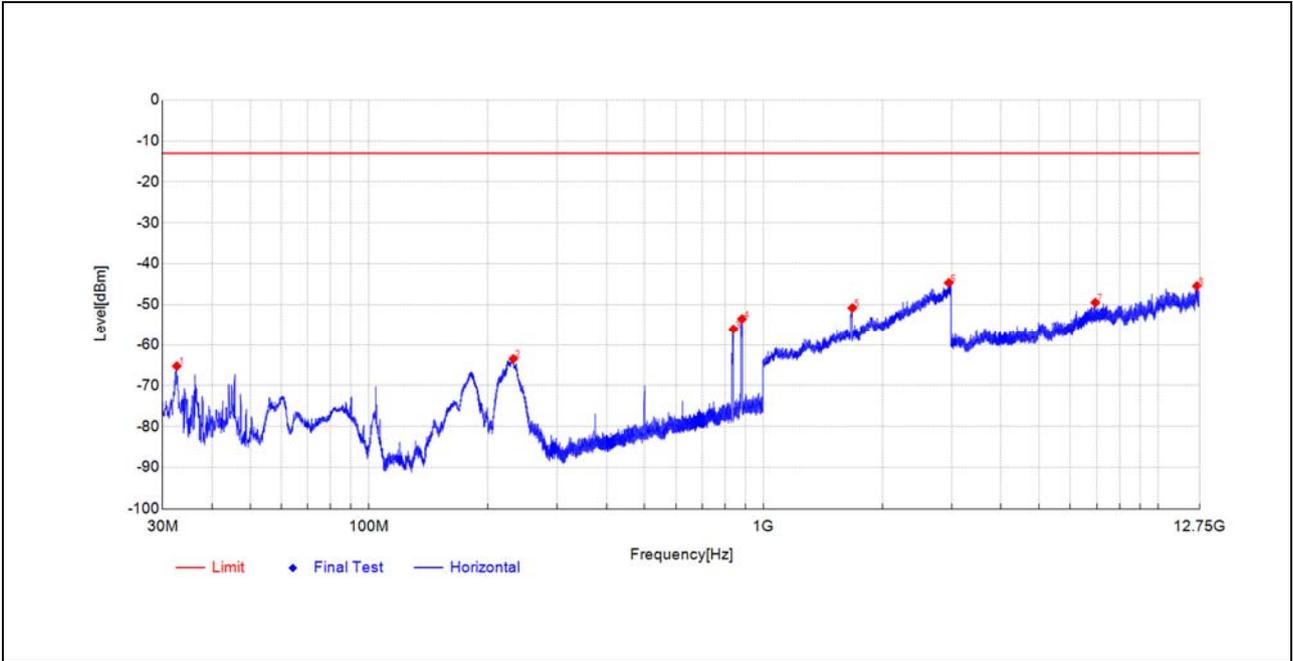
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
32.5706	-49.31	-64.49	-15.2	-13.0	51.5	Horizontal	PK	PASS
232.2551	-48.39	-63.31	-14.9	-13.0	50.3	Horizontal	PK	PASS
829.514	-51.57	-57.29	-5.7	-	-	Horizontal	PK	NA
874.5727	-47.89	-52.69	-4.8	-	-	Horizontal	PK	NA
1657.7315	-53.08	-50.58	2.5	-13.0	37.6	Horizontal	PK	PASS
2997.5995	-59.65	-44.65	15.0	-13.0	31.7	Horizontal	PK	PASS
5003.7252	-59.90	-53.80	6.1	-13.0	40.8	Horizontal	PK	PASS
12185.446	-67.90	-46.11	21.8	-13.0	33.1	Horizontal	PK	PASS



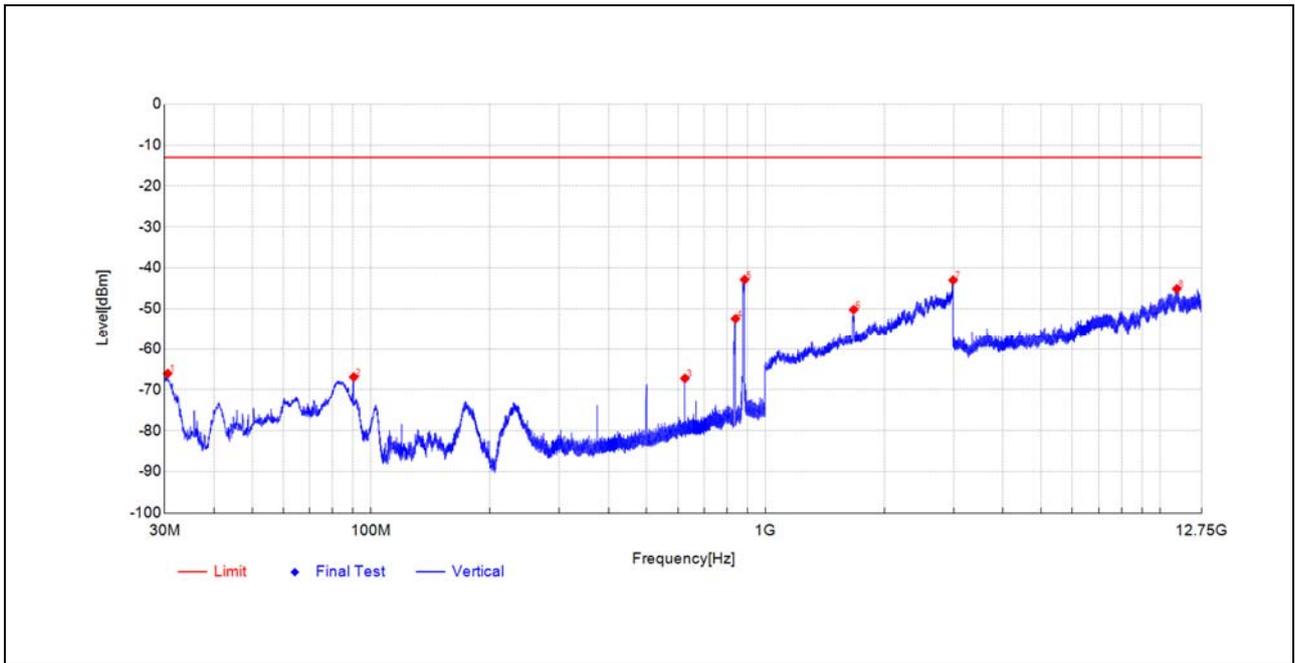
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
30.582	-41.97	-66.98	-25.0	-13.0	54.0	Vertical	PK	PASS
90.434	-45.09	-67.19	-22.1	-13.0	54.2	Vertical	PK	PASS
829.223	-47.95	-53.92	-6.0	-	-	Vertical	PK	NA
874.7182	-38.39	-43.05	-4.7	-	-	Vertical	PK	NA
1651.7303	-54.12	-51.68	2.4	-13.0	38.7	Vertical	PK	PASS
2997.5995	-59.23	-42.23	17.0	-13.0	29.2	Vertical	PK	PASS
3315.9158	-54.64	-55.60	-1.0	-13.0	42.6	Vertical	PK	PASS
11086.566	-67.47	-45.12	22.4	-13.0	32.1	Vertical	PK	PASS



Plot for Mid Channel

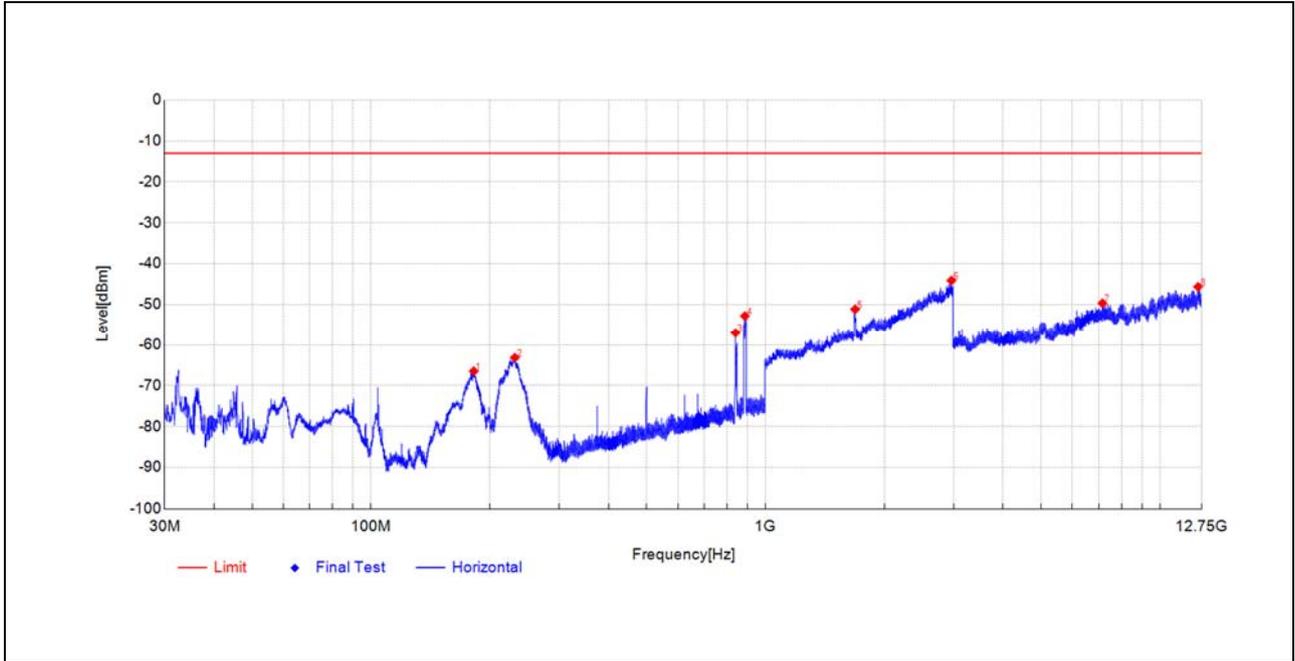


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
32.5706	-50.07	-65.25	-15.2	-13.0	52.3	Horizontal	PK	PASS
232.1096	-48.57	-63.48	-14.9	-13.0	50.5	Horizontal	PK	PASS
839.263	-50.64	-56.09	-5.5	-	-	Horizontal	PK	NA
882.4301	-48.79	-53.52	-4.7	-	-	Horizontal	PK	NA
1680.5361	-53.34	-50.80	2.5	-13.0	37.8	Horizontal	PK	PASS
2949.1898	-59.51	-44.66	14.9	-13.0	31.7	Horizontal	PK	PASS
6937.2469	-60.94	-49.50	11.4	-13.0	36.5	Horizontal	PK	PASS
12549.14	-68.76	-45.44	23.3	-13.0	32.4	Horizontal	PK	PASS

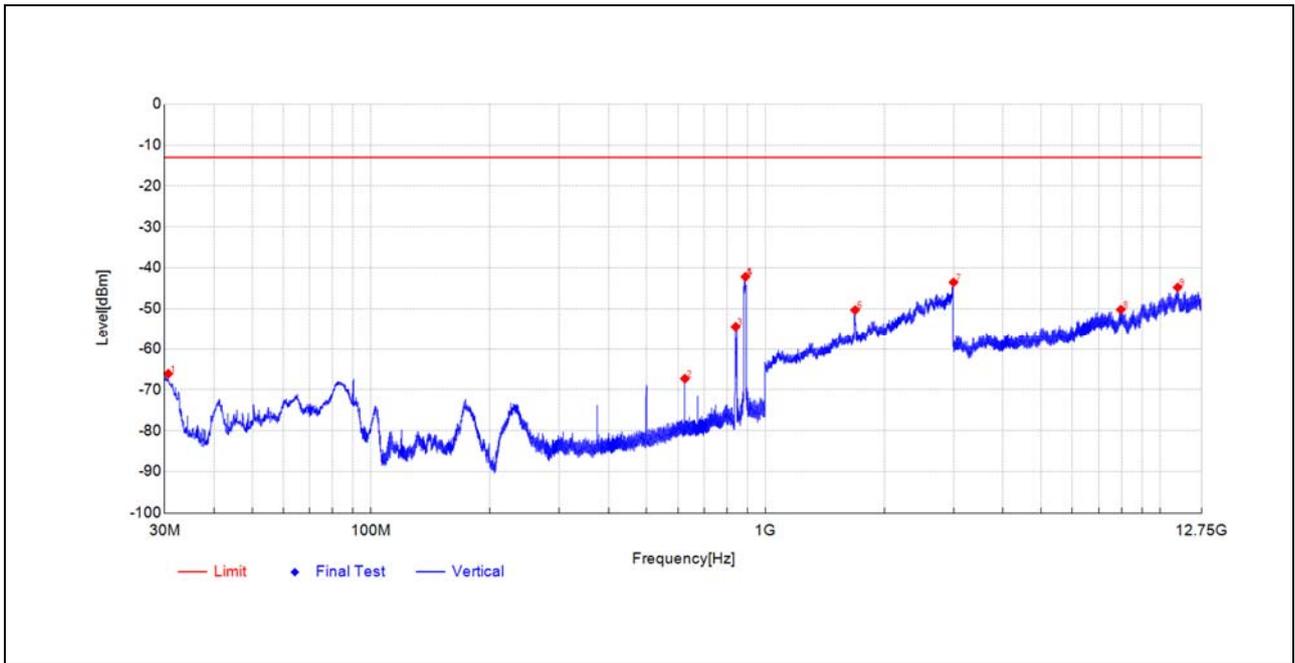


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
30.5335	-41.02	-66.04	-25.0	-13.0	53.0	Vertical	PK	PASS
90.434	-44.80	-66.90	-22.1	-13.0	53.9	Vertical	PK	PASS
624.9792	-57.88	-67.23	-9.4	-13.0	54.2	Vertical	PK	PASS
839.5055	-46.67	-52.42	-5.8	-	-	Vertical	PK	NA
885.4373	-38.39	-42.85	-4.5	-	-	Vertical	PK	NA
1672.9346	-52.96	-50.21	2.8	-13.0	37.2	Vertical	PK	PASS
2990.3981	-59.19	-42.99	16.2	-13.0	30.0	Vertical	PK	PASS
11034.889	-67.26	-45.12	22.1	-13.0	32.1	Vertical	PK	PASS

Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
182.2491	-45.87	-66.49	-20.6	-13.0	53.5	Horizontal	PK	PASS
231.5276	-48.32	-63.18	-14.9	-13.0	50.2	Horizontal	PK	PASS
839.845	-51.56	-57.00	-5.4	-	-	Horizontal	PK	NA
887.1834	-48.08	-52.79	-4.7	-	-	Horizontal	PK	NA
1687.7375	-53.84	-51.14	2.7	-13.0	38.1	Horizontal	PK	PASS
2959.992	-59.19	-44.12	15.1	-13.0	31.1	Horizontal	PK	PASS
7148.8324	-61.74	-49.66	12.1	-13.0	36.7	Horizontal	PK	PASS
12496.487	-68.98	-45.63	23.4	-13.0	32.6	Horizontal	PK	PASS

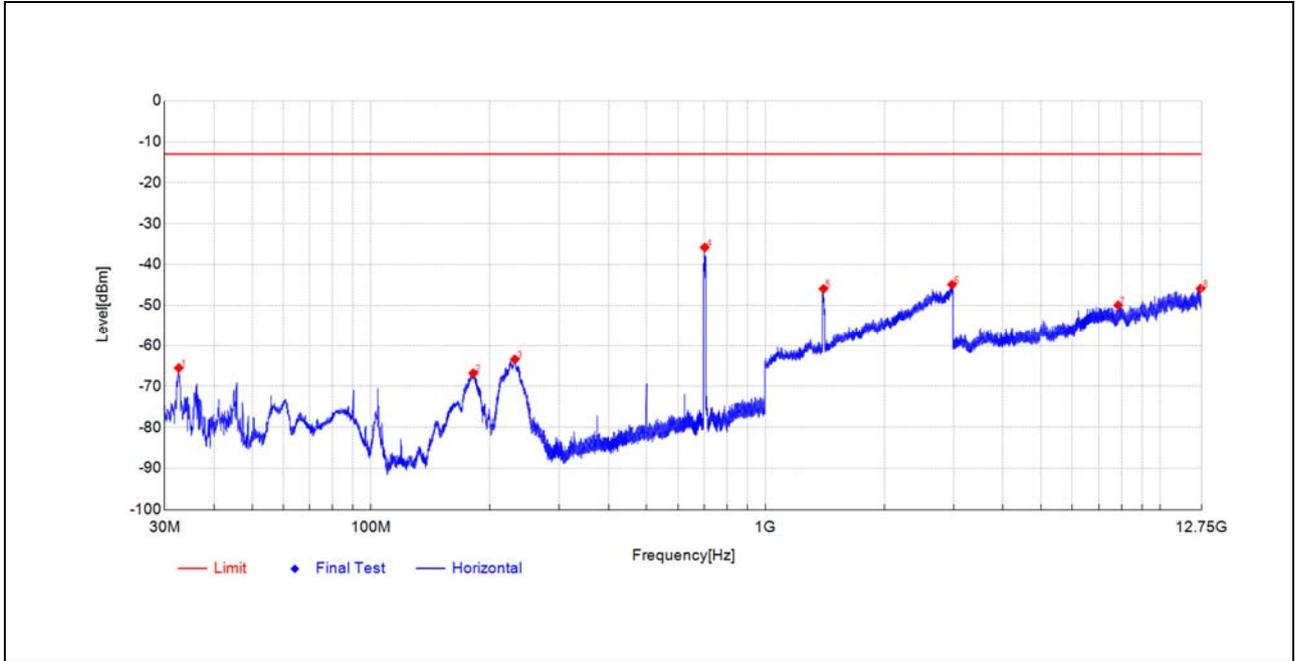


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
30.6305	-41.11	-66.10	-25.0	-13.0	53.1	Vertical	PK	PASS
624.9307	-57.95	-67.30	-9.4	-13.0	54.3	Vertical	PK	PASS
840.136	-48.67	-54.40	-5.7	-	-	Vertical	PK	NA
889.3175	-37.72	-42.17	-4.5	-	-	Vertical	PK	NA
889.3175	-37.72	-42.17	-4.5	-13.0	29.2	Vertical	PK	PASS
1687.7375	-53.30	-50.31	3.0	-13.0	37.3	Vertical	PK	PASS
2997.1994	-60.46	-43.51	17.0	-13.0	30.5	Vertical	PK	PASS
7955.6853	-62.97	-50.20	12.8	-13.0	37.2	Vertical	PK	PASS
11088.516	-67.11	-44.75	22.4	-13.0	31.8	Vertical	PK	PASS

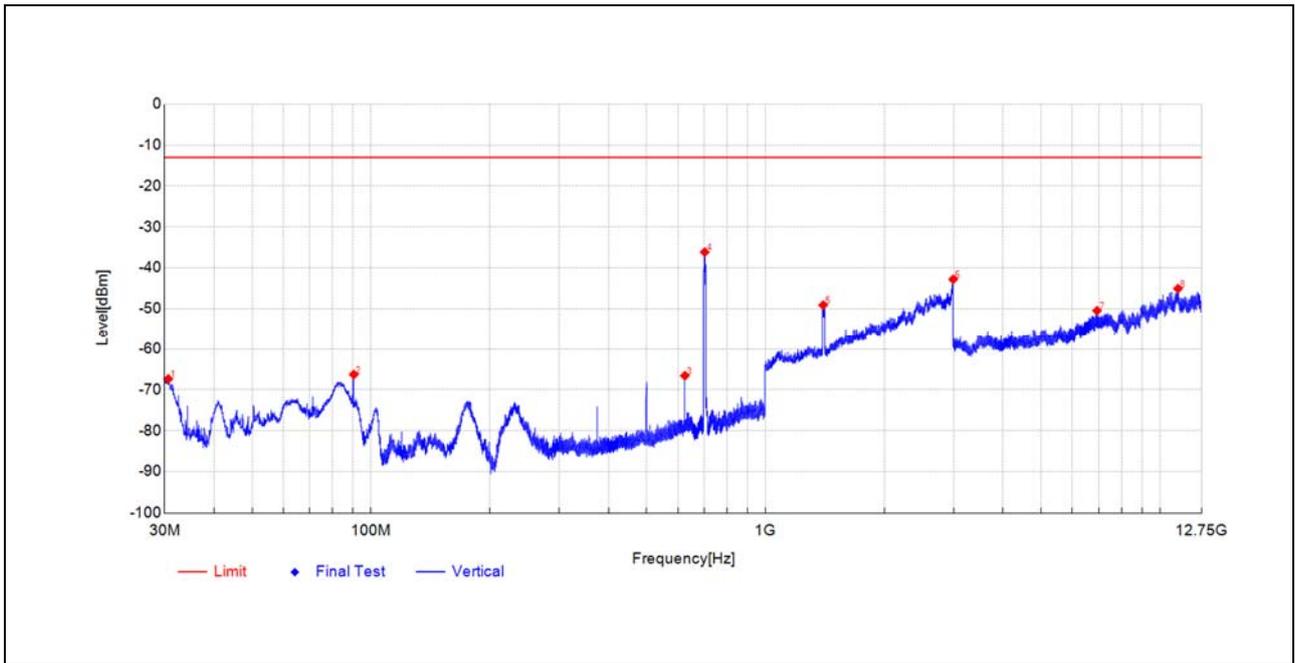


LTE Band 12

Plot for Low Channel



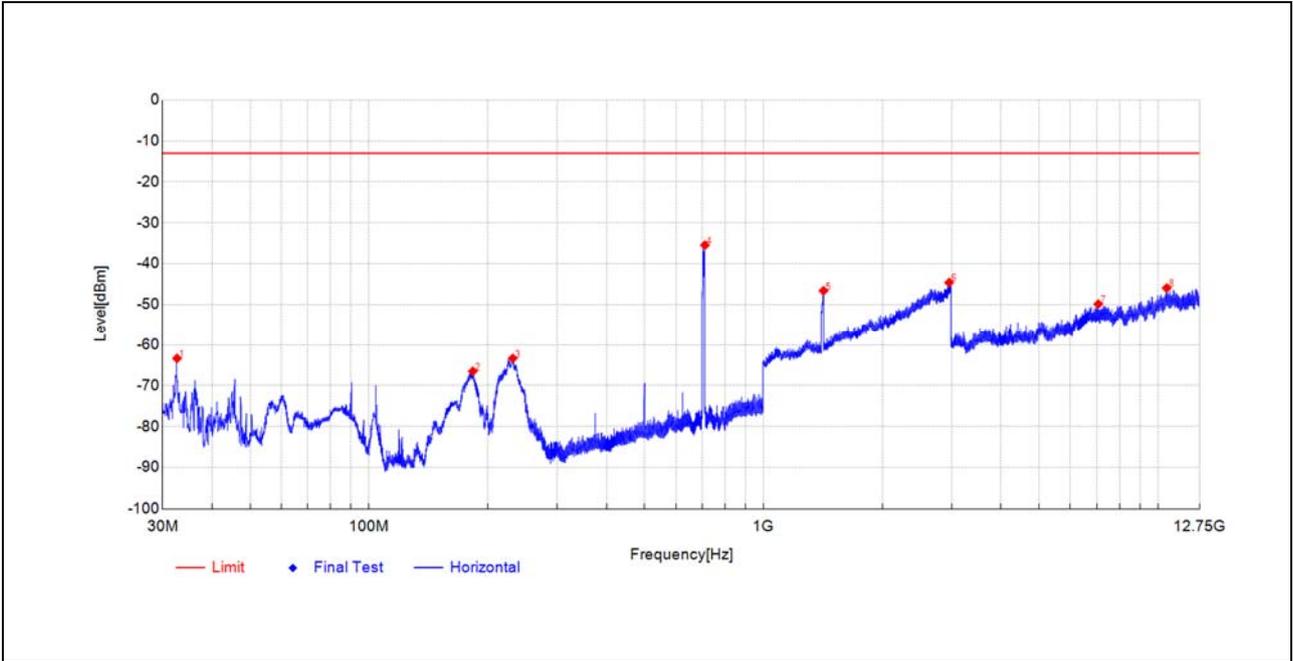
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
32.5706	-50.44	-65.49	-15.1	-13.0	52.5	Horizontal	PK	PASS
181.7156	-46.31	-66.79	-20.5	-13.0	53.8	Horizontal	PK	PASS
231.5761	-48.72	-63.40	-14.7	-13.0	50.4	Horizontal	PK	PASS
701.6131	-27.85	-35.81	-8.0	-	-	Horizontal	PK	NA
1403.2807	-45.33	-45.92	-0.6	-13.0	32.9	Horizontal	PK	PASS
2971.5943	-59.81	-44.89	14.9	-13.0	31.9	Horizontal	PK	PASS
7835.2668	-62.59	-49.94	12.7	-13.0	36.9	Horizontal	PK	PASS
12679.796	-68.41	-45.87	22.5	-13.0	32.9	Horizontal	PK	PASS



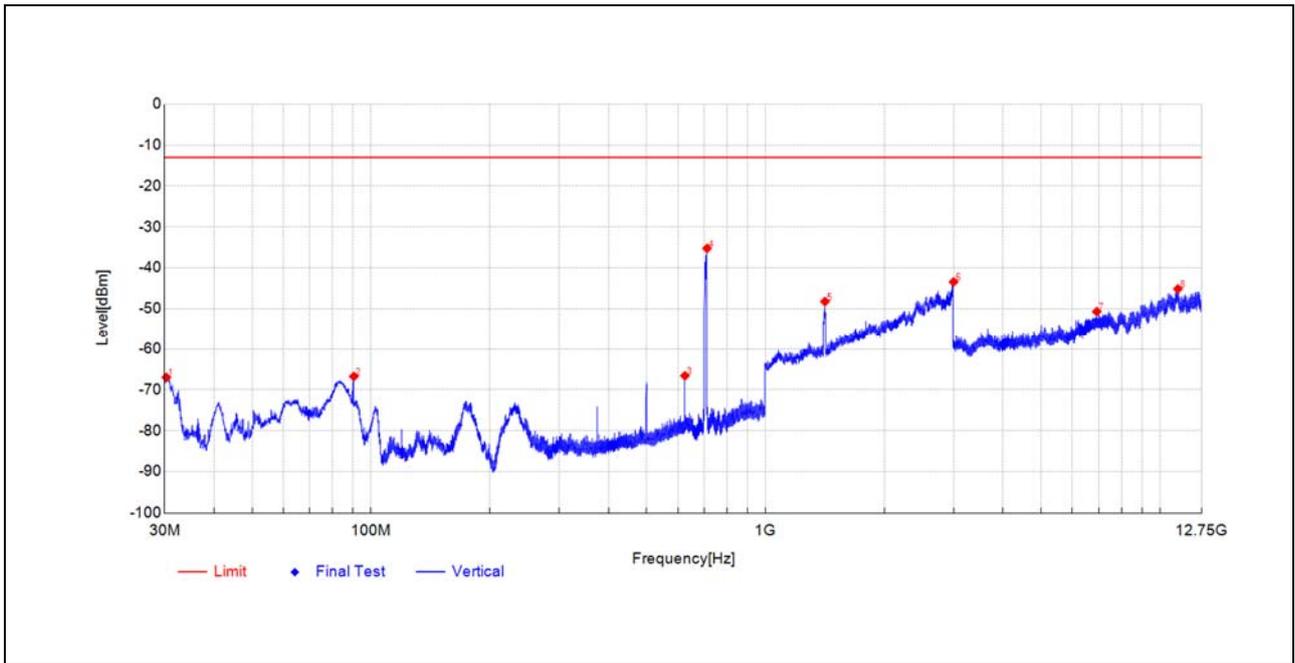
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
30.6305	-42.50	-67.35	-24.9	-13.0	54.4	Vertical	PK	PASS
90.434	-44.22	-66.29	-22.1	-13.0	53.3	Vertical	PK	PASS
624.9792	-58.01	-66.57	-8.6	-13.0	53.6	Vertical	PK	PASS
701.5646	-27.97	-36.12	-8.2	-	-	Vertical	PK	NA
1400.8802	-48.75	-49.08	-0.3	-13.0	36.1	Vertical	PK	PASS
2991.5983	-59.46	-42.78	16.7	-13.0	29.8	Vertical	PK	PASS
6928.9589	-61.21	-50.44	10.8	-13.0	37.4	Vertical	PK	PASS
11108.505	-67.35	-45.06	22.3	-13.0	32.1	Vertical	PK	PASS



Plot for Mid Channel



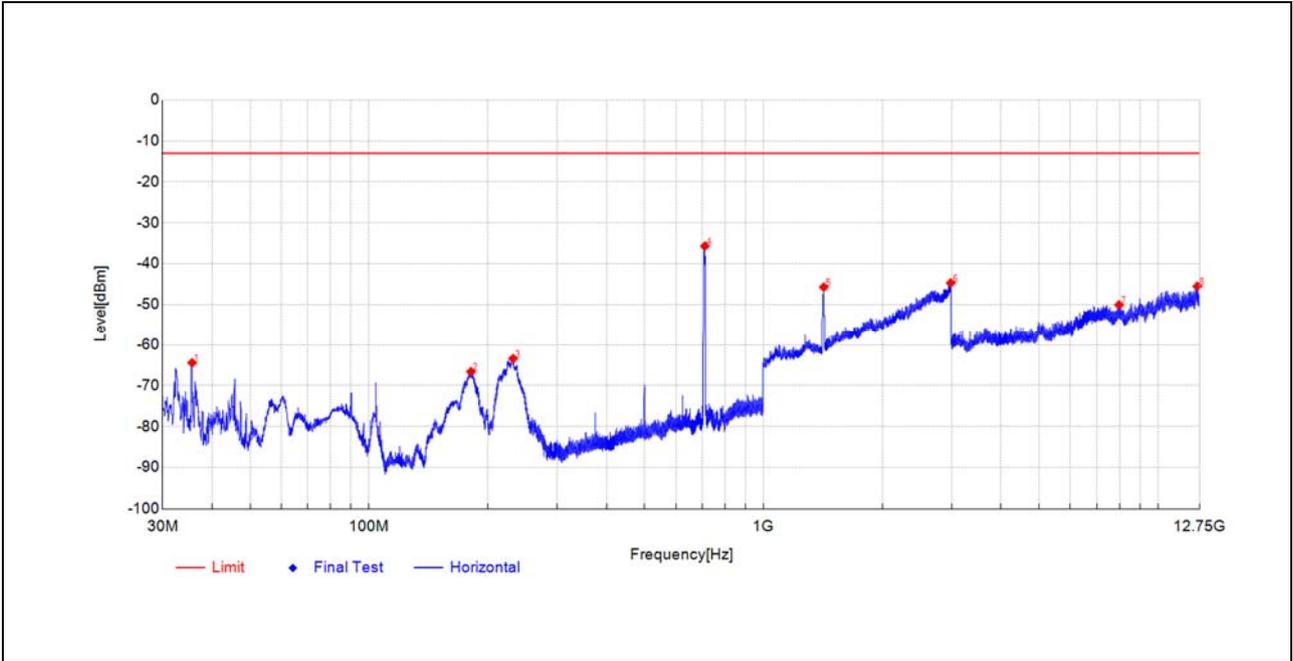
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
32.6191	-48.30	-63.35	-15.1	-13.0	50.4	Horizontal	PK	PASS
183.3162	-46.32	-66.51	-20.2	-13.0	53.5	Horizontal	PK	PASS
231.4791	-48.68	-63.35	-14.7	-13.0	50.4	Horizontal	PK	PASS
710.7315	-27.78	-35.45	-7.7	-	-	Horizontal	PK	NA
1419.6839	-46.40	-46.60	-0.2	-13.0	33.6	Horizontal	PK	PASS
2956.7914	-59.65	-44.59	15.1	-13.0	31.6	Horizontal	PK	PASS
7062.0531	-61.79	-49.85	11.9	-13.0	36.9	Horizontal	PK	PASS
10526.888	-65.72	-45.93	19.8	-13.0	32.9	Horizontal	PK	PASS



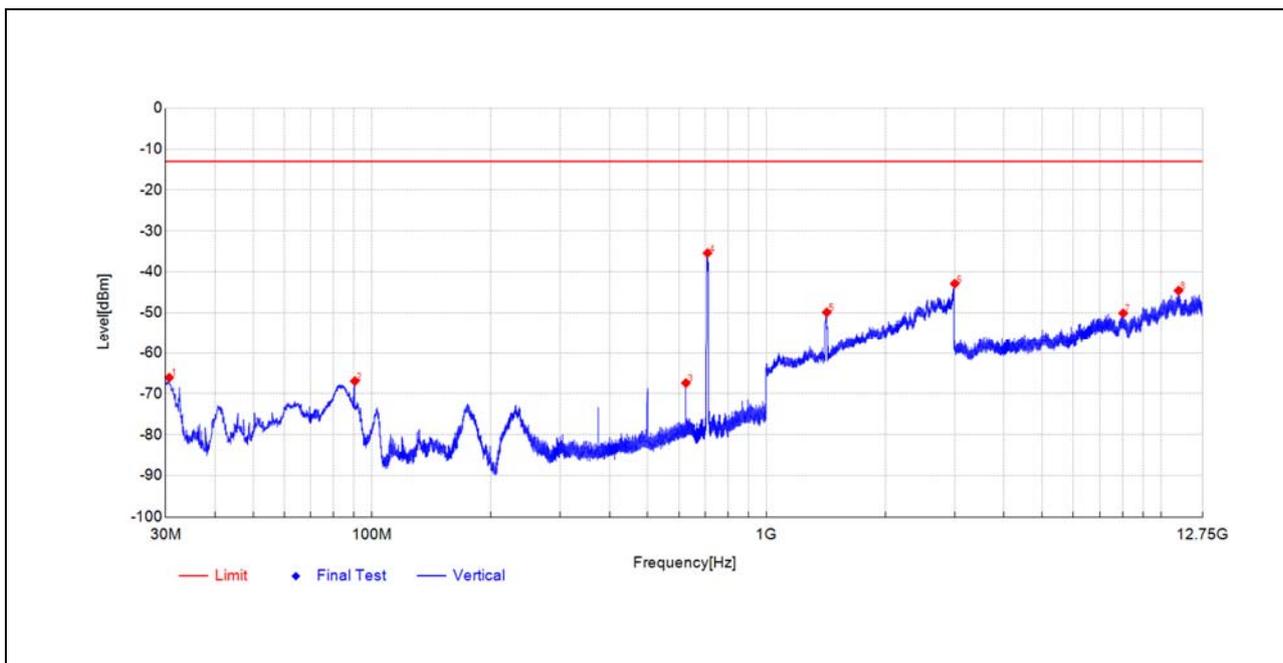
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
30.291	-42.01	-66.98	-25.0	-13.0	54.0	Vertical	PK	PASS
90.4825	-44.68	-66.75	-22.1	-13.0	53.8	Vertical	PK	PASS
625.0278	-58.03	-66.59	-8.6	-13.0	53.6	Vertical	PK	PASS
711.0226	-27.41	-35.22	-7.8	-	-	Vertical	PK	NA
1415.2831	-47.86	-48.21	-0.4	-13.0	35.2	Vertical	PK	PASS
2998.7998	-61.00	-43.42	17.6	-13.0	30.4	Vertical	PK	PASS
6920.1835	-61.39	-50.67	10.7	-13.0	37.7	Vertical	PK	PASS
11103.630	-67.50	-45.14	22.4	-13.0	32.1	Vertical	PK	PASS



Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
35.6263	-49.38	-64.44	-15.1	-13.0	51.4	Horizontal	PK	PASS
181.3761	-46.07	-66.61	-20.5	-13.0	53.6	Horizontal	PK	PASS
231.9156	-48.73	-63.44	-14.7	-13.0	50.4	Horizontal	PK	PASS
710.7315	-28.01	-35.68	-7.7	-	-	Horizontal	PK	NA
1422.0844	-45.56	-45.70	-0.1	-13.0	32.7	Horizontal	PK	PASS
2982.7966	-59.64	-44.71	14.9	-13.0	31.7	Horizontal	PK	PASS
7969.8235	-63.35	-50.06	13.3	-13.0	37.1	Horizontal	PK	PASS
12582.291	-68.78	-45.52	23.3	-13.0	32.5	Horizontal	PK	PASS

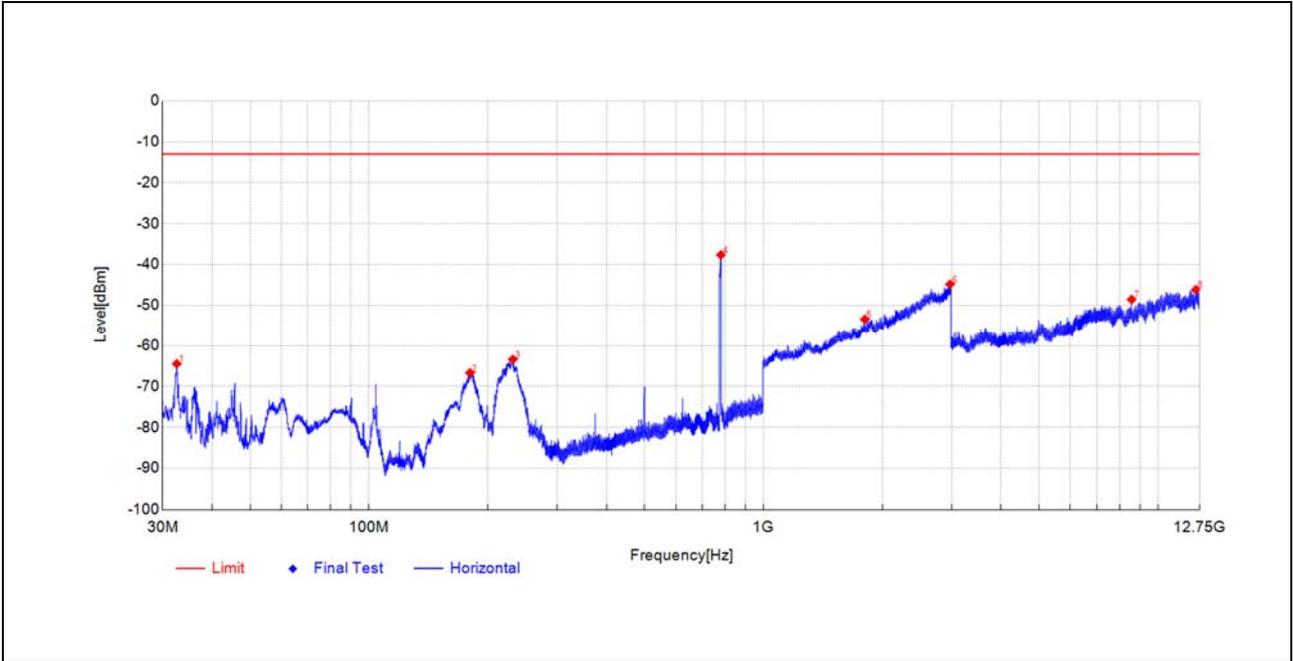


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
30.6305	-41.21	-66.06	-24.9	-13.0	53.1	Vertical	PK	PASS
90.4825	-44.85	-66.92	-22.1	-13.0	53.9	Vertical	PK	PASS
624.9792	-58.84	-67.40	-8.6	-13.0	54.4	Vertical	PK	PASS
708.8884	-27.49	-35.39	-7.9	-	-	Vertical	PK	NA
1422.0844	-49.49	-49.88	-0.4	-13.0	36.9	Vertical	PK	PASS
3000	-60.60	-42.87	17.7	-13.0	29.9	Vertical	PK	PASS
8022.4761	-63.13	-50.11	13.0	-13.0	37.1	Vertical	PK	PASS
11083.154	-66.91	-44.57	22.3	-13.0	31.6	Vertical	PK	PASS

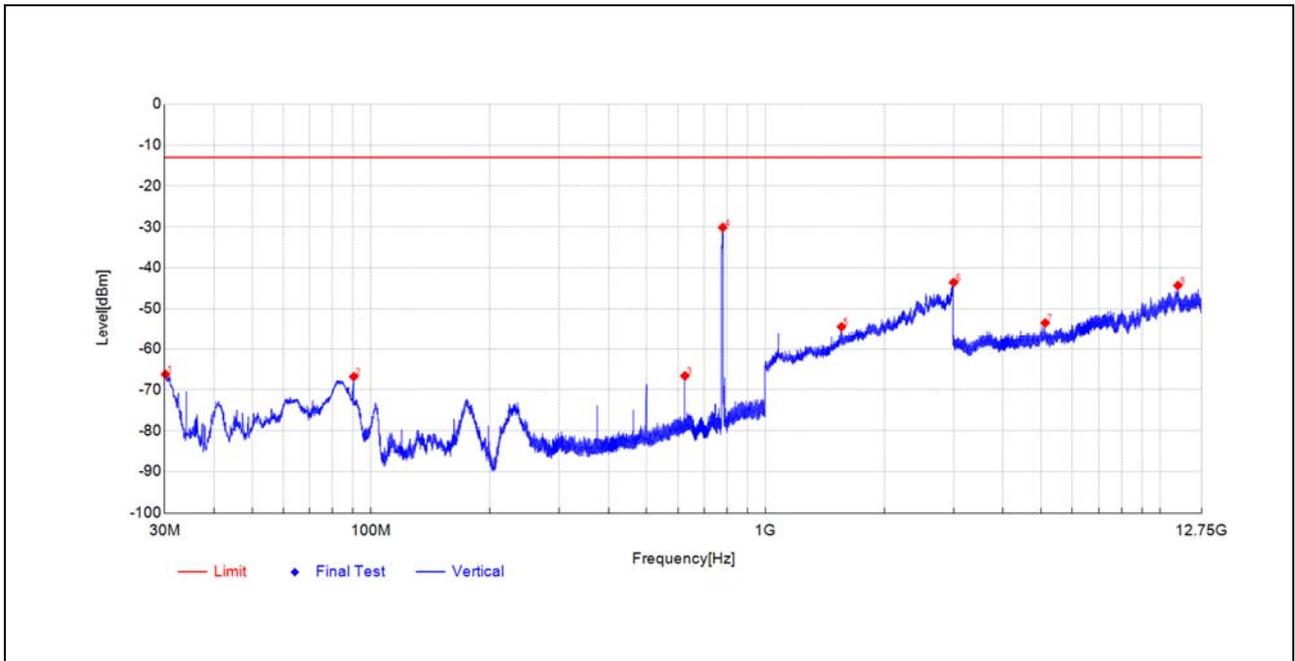


LTE Band 13

Plot for Low Channel



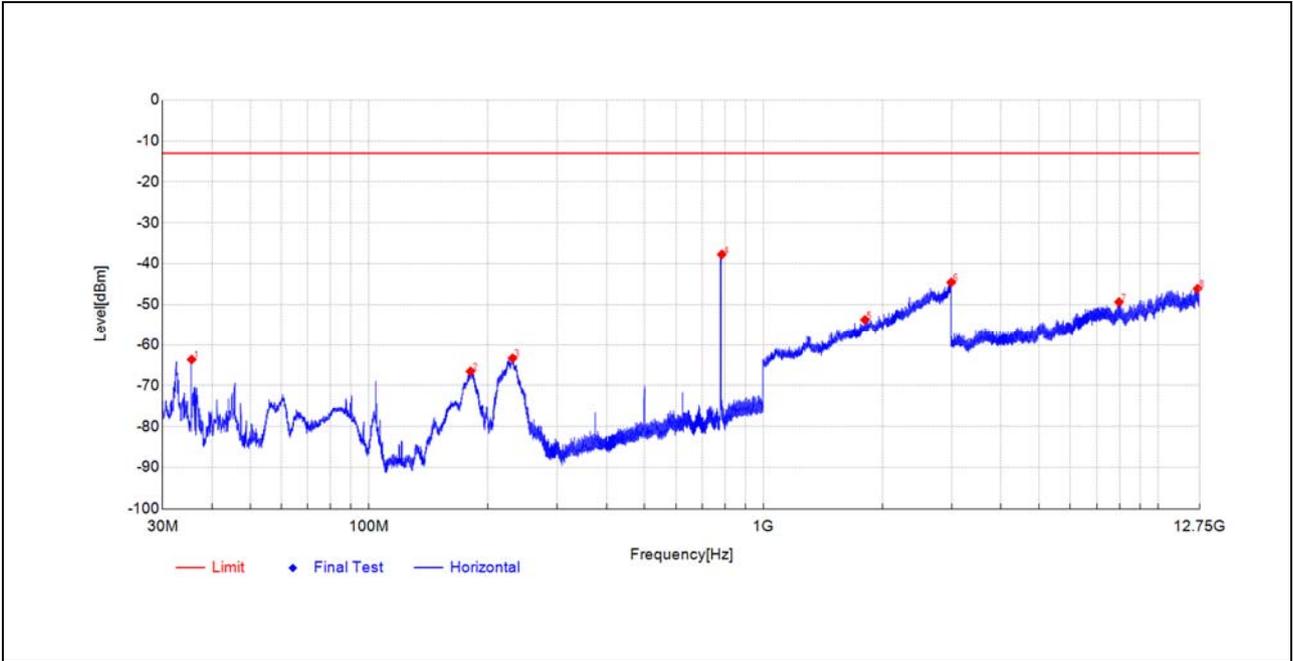
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
32.5706	-49.43	-64.48	-15.1	-13.0	51.5	Horizontal	PK	PASS
180.3575	-45.97	-66.69	-20.7	-13.0	53.7	Horizontal	PK	PASS
231.5761	-48.72	-63.40	-14.7	-13.0	50.4	Horizontal	PK	PASS
780.1385	-30.36	-37.63	-7.3	-	-	Horizontal	PK	NA
1807.7616	-57.95	-53.39	4.6	-13.0	40.4	Horizontal	PK	PASS
2970.3941	-59.75	-44.82	14.9	-13.0	31.8	Horizontal	PK	PASS
8577.2789	-62.86	-48.53	14.3	-13.0	35.5	Horizontal	PK	PASS
12478.936	-69.08	-46.14	22.9	-13.0	33.1	Horizontal	PK	PASS



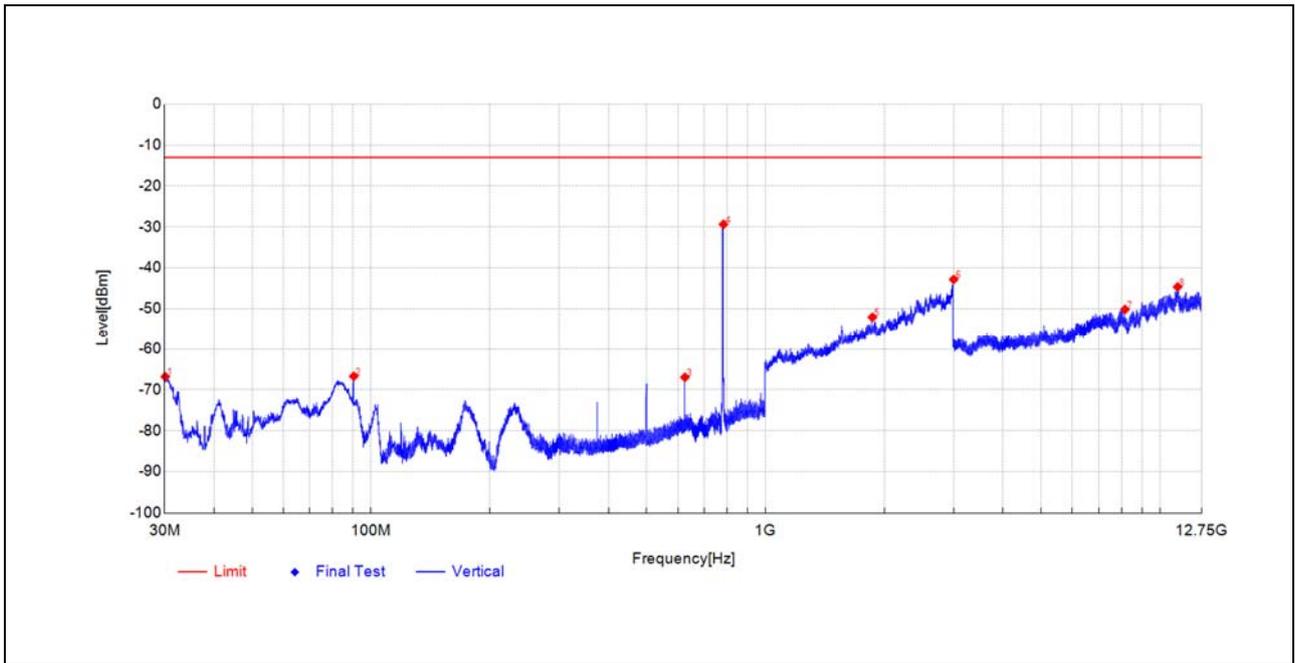
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
30.1455	-41.21	-66.24	-25.0	-13.0	53.2	Vertical	PK	PASS
90.434	-44.74	-66.81	-22.1	-13.0	53.8	Vertical	PK	PASS
624.9792	-58.06	-66.62	-8.6	-13.0	53.6	Vertical	PK	PASS
779.314	-23.00	-30.11	-7.1	-	-	Vertical	PK	NA
1558.9118	-57.06	-54.38	2.7	-13.0	41.4	Vertical	PK	PASS
2999.5999	-61.23	-43.55	17.7	-13.0	30.6	Vertical	PK	PASS
5119.2685	-58.79	-53.44	5.4	-13.0	40.4	Vertical	PK	PASS
11100.705	-66.72	-44.32	22.4	-13.0	31.3	Vertical	PK	PASS



Plot for Mid Channel



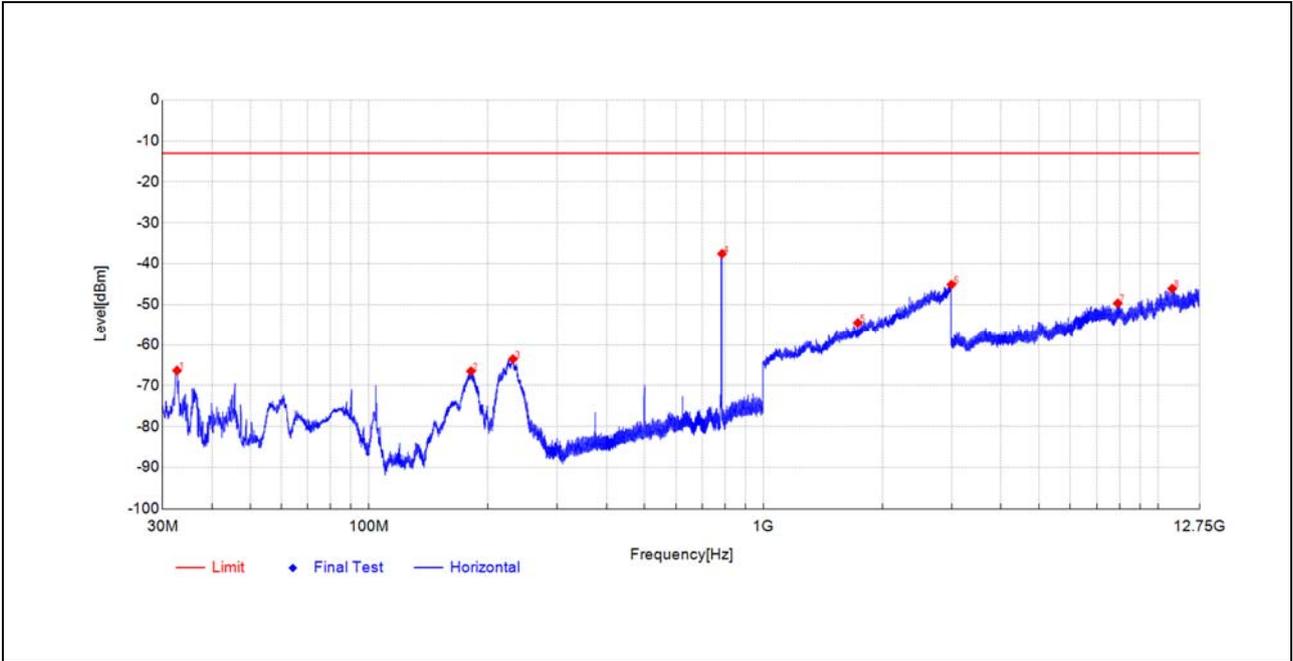
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
35.5293	-48.57	-63.64	-15.1	-13.0	50.6	Horizontal	PK	PASS
180.891	-45.91	-66.54	-20.6	-13.0	53.5	Horizontal	PK	PASS
231.2366	-48.66	-63.32	-14.7	-13.0	50.3	Horizontal	PK	PASS
783.9702	-30.51	-37.73	-7.2	-	-	Horizontal	PK	NA
1808.1616	-58.28	-53.71	4.6	-13.0	40.7	Horizontal	PK	PASS
2992.3985	-59.80	-44.55	15.3	-13.0	31.6	Horizontal	PK	PASS
7966.4108	-62.64	-49.35	13.3	-13.0	36.4	Horizontal	PK	PASS
12599.355	-69.31	-46.09	23.2	-13.0	33.1	Horizontal	PK	PASS



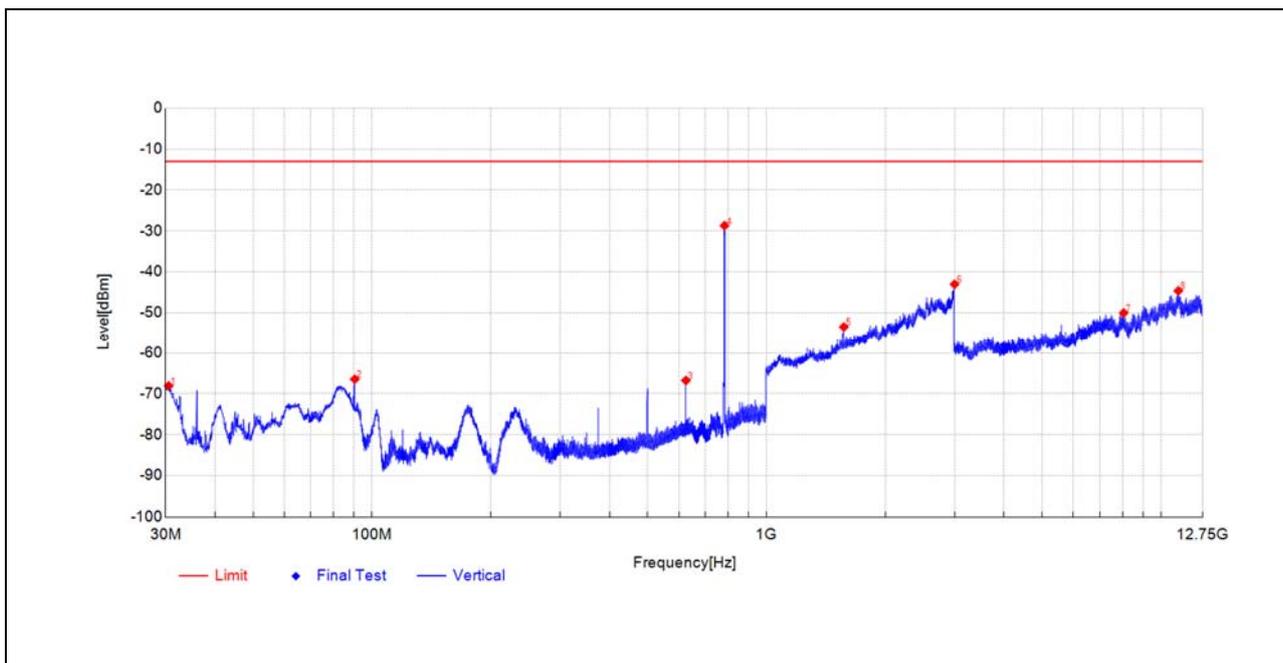
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
30.097	-41.77	-66.81	-25.0	-13.0	53.8	Vertical	PK	PASS
90.434	-44.65	-66.72	-22.1	-13.0	53.7	Vertical	PK	PASS
625.0278	-58.39	-66.95	-8.6	-13.0	54.0	Vertical	PK	PASS
782.6606	-22.29	-29.34	-7.1	-	-	Vertical	PK	NA
1866.9734	-57.30	-52.06	5.2	-13.0	39.1	Vertical	PK	PASS
3000	-60.54	-42.81	17.7	-13.0	29.8	Vertical	PK	PASS
8155.0828	-63.17	-50.15	13.0	-13.0	37.2	Vertical	PK	PASS
11089.004	-67.01	-44.64	22.4	-13.0	31.6	Vertical	PK	PASS



Plot for High Channel



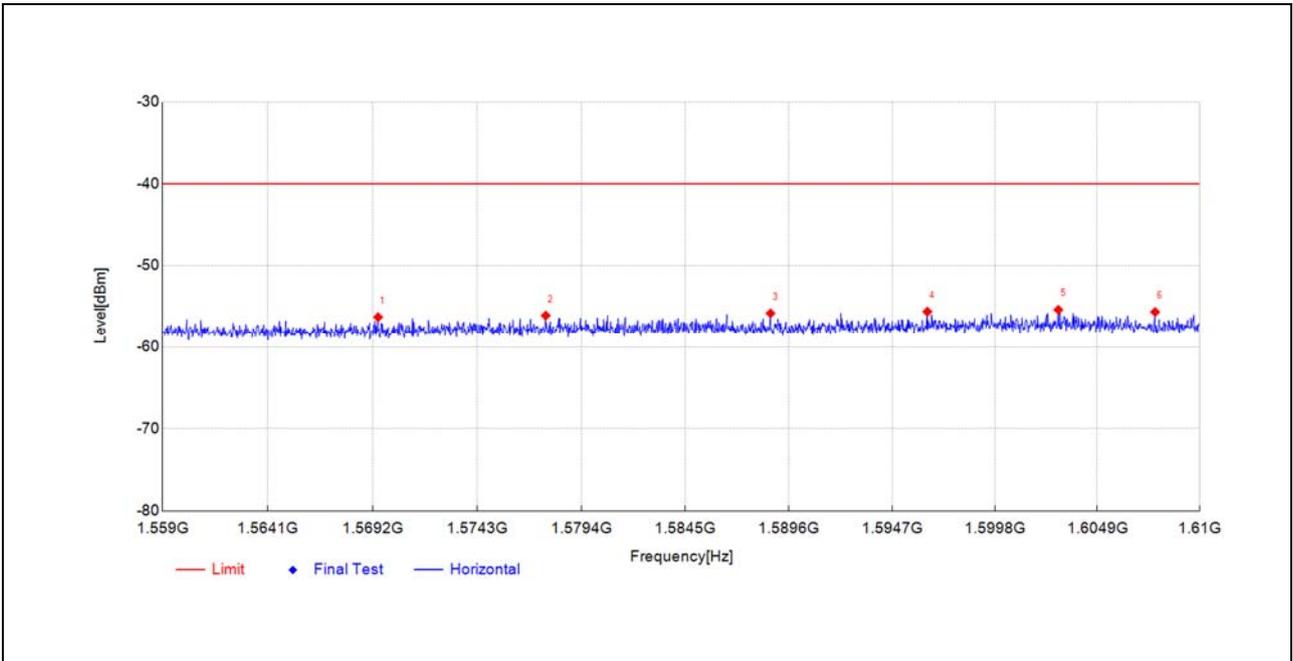
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
32.6191	-51.28	-66.33	-15.1	-13.0	53.3	Horizontal	PK	PASS
181.3761	-45.95	-66.49	-20.5	-13.0	53.5	Horizontal	PK	PASS
231.7216	-48.84	-63.53	-14.7	-13.0	50.5	Horizontal	PK	PASS
785.2798	-30.35	-37.56	-7.2	-	-	Horizontal	PK	NA
1734.947	-57.63	-54.47	3.2	-13.0	41.5	Horizontal	PK	PASS
2996.3993	-60.47	-45.08	15.4	-13.0	32.1	Horizontal	PK	PASS
7910.3455	-62.75	-49.66	13.1	-13.0	36.7	Horizontal	PK	PASS
10868.155	-66.81	-46.09	20.7	-13.0	33.1	Horizontal	PK	PASS



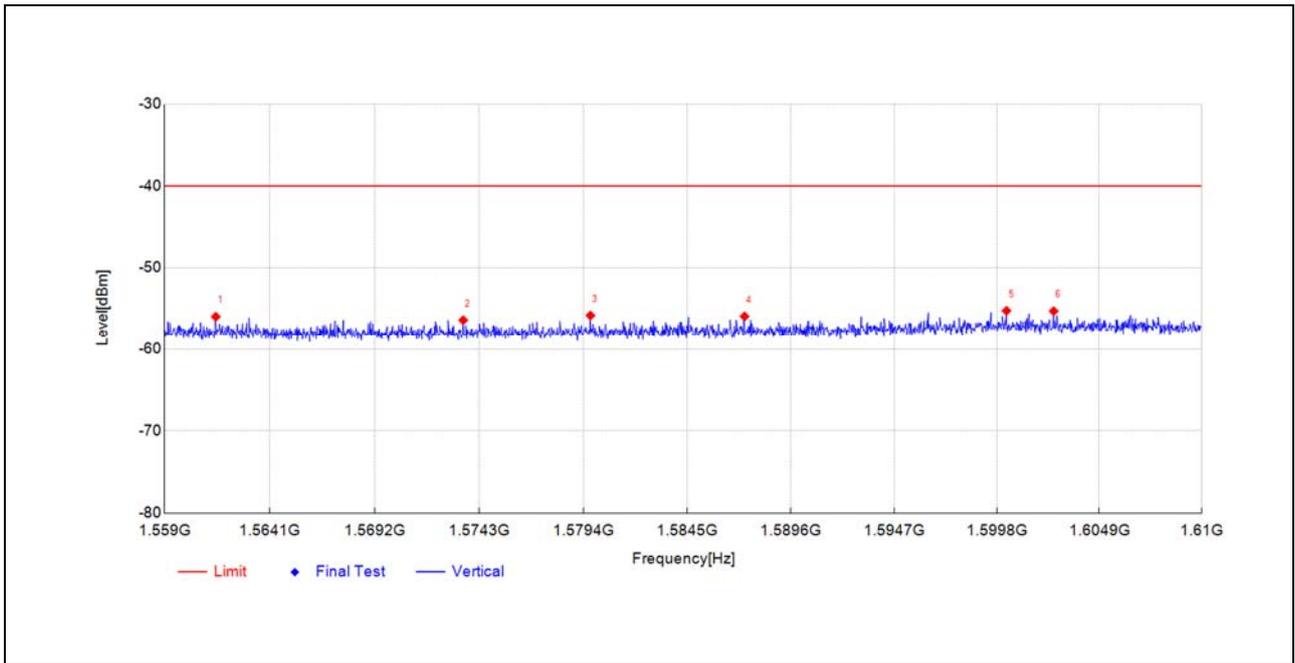
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
30.5335	-43.19	-68.08	-24.9	-13.0	55.1	Vertical	PK	PASS
90.434	-44.37	-66.44	-22.1	-13.0	53.4	Vertical	PK	PASS
624.9792	-58.20	-66.76	-8.6	-13.0	53.8	Vertical	PK	PASS
782.8546	-21.64	-28.69	-7.1	-	-	Vertical	PK	NA
1570.9142	-55.95	-53.46	2.5	-13.0	40.5	Vertical	PK	PASS
2997.9996	-60.49	-43.01	17.5	-13.0	30.0	Vertical	PK	PASS
8046.3648	-63.03	-50.02	13.0	-13.0	37.0	Vertical	PK	PASS
11067.553	-66.88	-44.61	22.3	-13.0	31.6	Vertical	PK	PASS



Plot for 1559MHz-1610MHz



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1569.4602	-58.79	-56.28	2.5	-40.0	16.3	Horizontal	PK	PASS
1577.6498	-58.61	-56.08	2.5	-40.0	16.1	Horizontal	PK	PASS
1588.6968	-58.33	-55.81	2.5	-40.0	15.8	Horizontal	PK	PASS
1596.4527	-58.12	-55.61	2.5	-40.0	15.6	Horizontal	PK	PASS
1602.9585	-57.88	-55.38	2.5	-40.0	15.4	Horizontal	PK	PASS
1607.7804	-58.23	-55.65	2.6	-40.0	15.7	Horizontal	PK	PASS

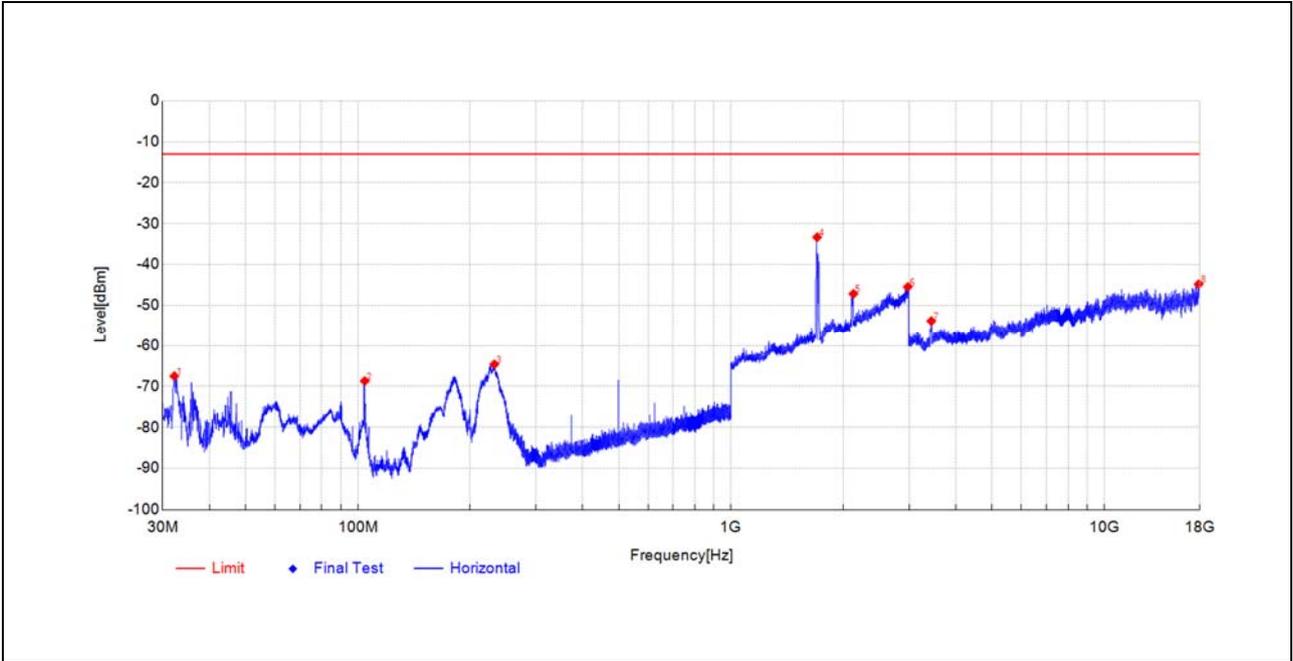


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1561.4747	-58.61	-55.96	2.7	-40.0	16.0	Vertical	PK	PASS
1573.5168	-58.83	-56.39	2.4	-40.0	16.4	Vertical	PK	PASS
1579.7419	-58.15	-55.81	2.3	-40.0	15.8	Vertical	PK	PASS
1587.3192	-58.35	-55.92	2.4	-40.0	15.9	Vertical	PK	PASS
1600.2796	-57.83	-55.23	2.6	-40.0	15.2	Vertical	PK	PASS
1602.6268	-57.91	-55.28	2.6	-40.0	15.3	Vertical	PK	PASS

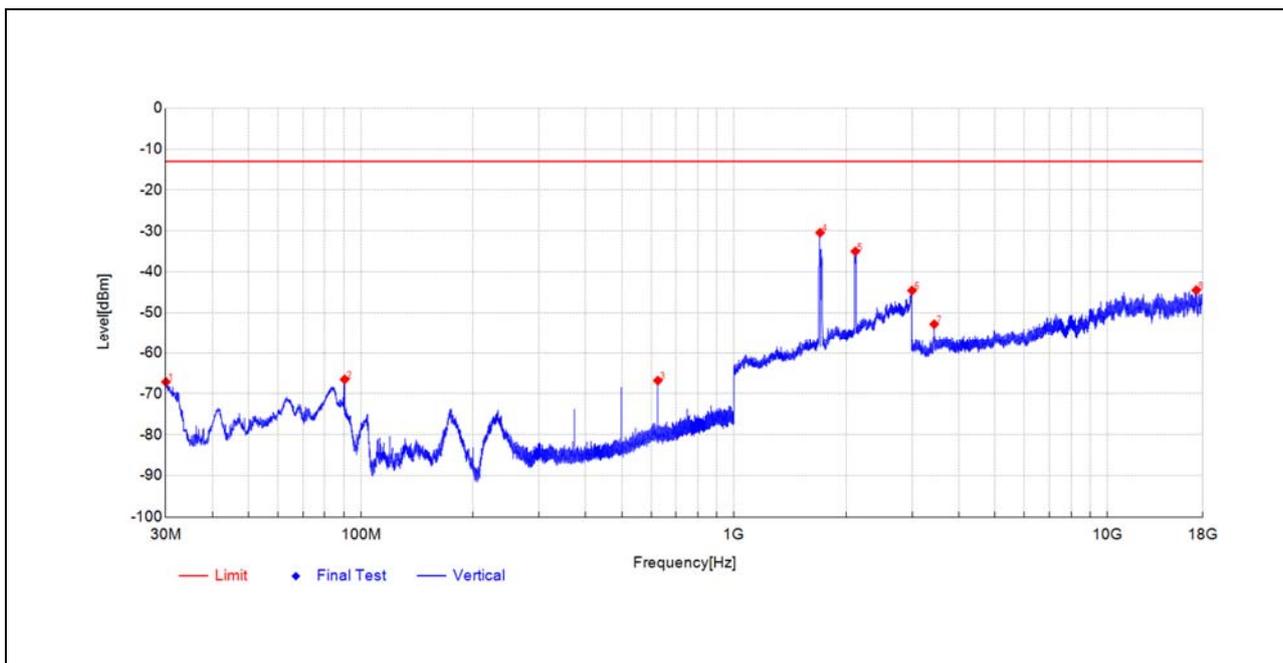


LTE Band 66

Plot for Low Channel



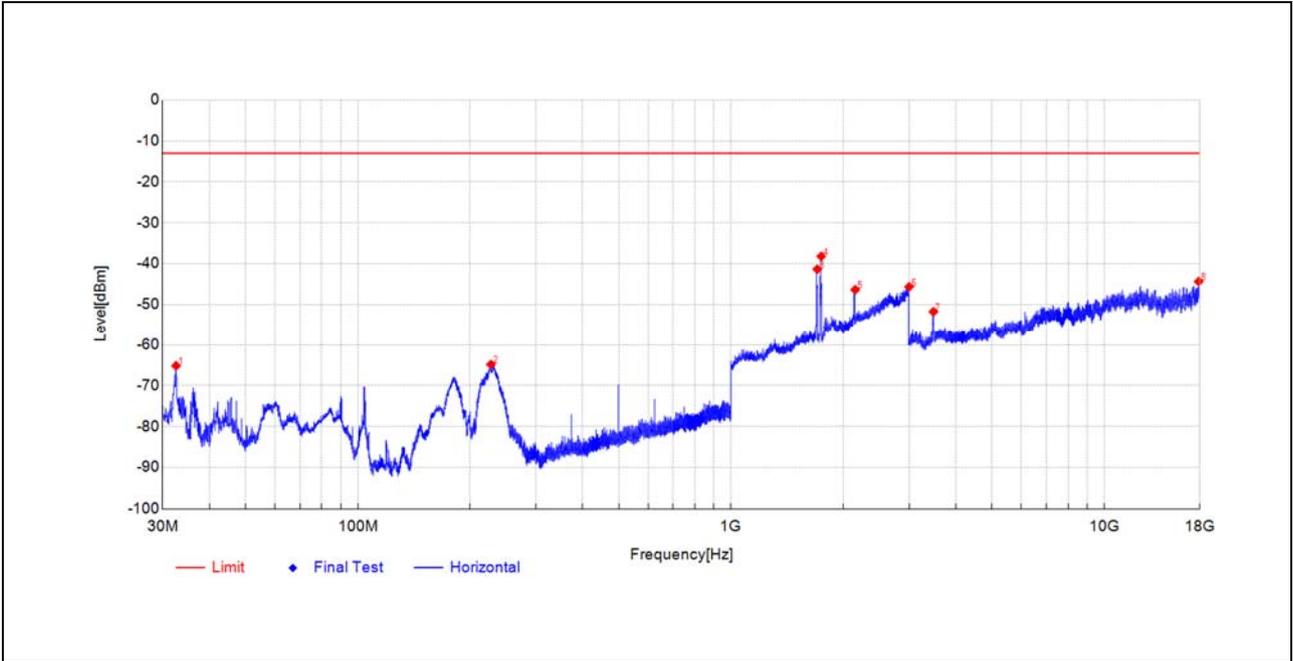
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
32.2311	-52.26	-67.48	-15.2	-13.0	54.5	Horizontal	PK	PASS
104.3057	-45.98	-68.69	-22.7	-13.0	55.7	Horizontal	PK	PASS
232.1581	-49.22	-64.60	-15.4	-13.0	51.6	Horizontal	PK	PASS
1700.5401	-36.65	-33.31	3.3	-13.0	20.3	Horizontal	PK	PASS
2127.0254	-53.13	-47.15	6.0	-	-	Horizontal	PK	NA
2974.795	-59.36	-45.46	13.9	-13.0	32.5	Horizontal	PK	PASS
3439.7771	-54.36	-53.82	0.5	-13.0	40.8	Horizontal	PK	PASS
17899.196	-69.30	-44.80	24.5	-13.0	31.8	Horizontal	PK	PASS



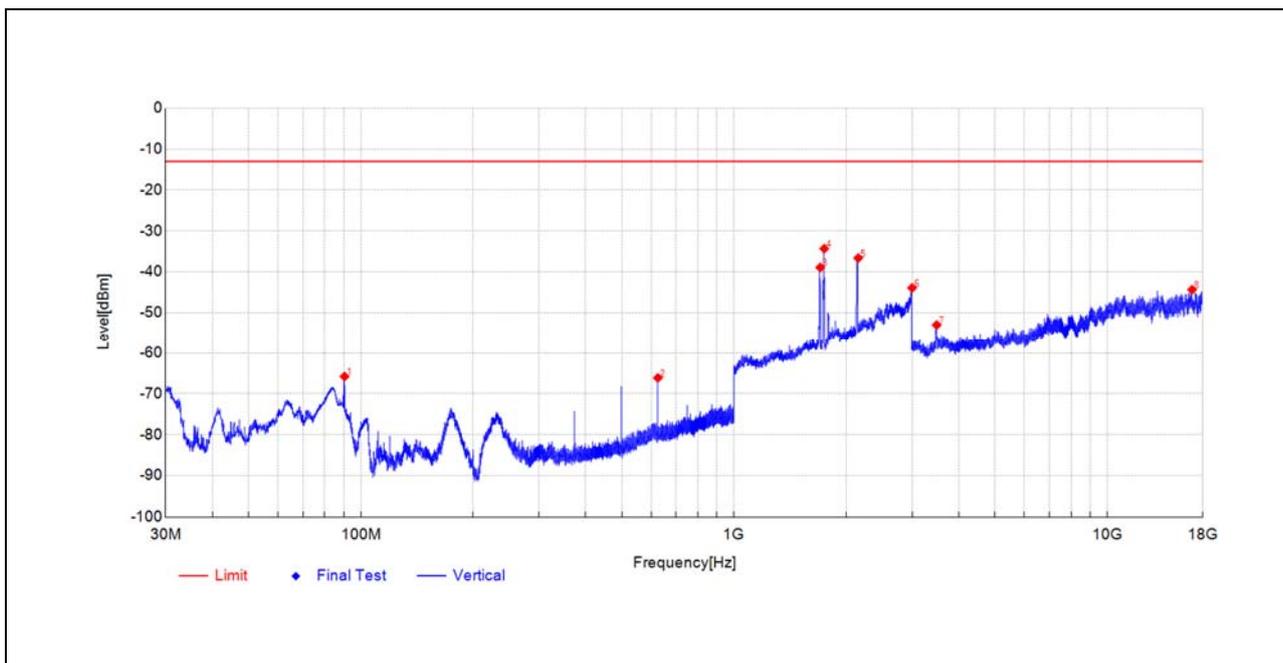
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
30.0485	-41.89	-67.12	-25.2	-13.0	54.1	Vertical	PK	PASS
90.4825	-44.25	-66.50	-22.3	-13.0	53.5	Vertical	PK	PASS
624.9792	-57.24	-66.79	-9.6	-13.0	53.8	Vertical	PK	PASS
1700.5401	-33.88	-30.40	3.5	-13.0	17.4	Vertical	PK	PASS
2113.4227	-40.59	-34.97	5.6	-	-	Vertical	PK	NA
2998.7998	-61.12	-44.54	16.6	-13.0	31.5	Vertical	PK	PASS
3437.2053	-53.48	-52.78	0.7	-13.0	39.8	Vertical	PK	PASS
17312.132	-69.07	-44.45	24.6	-13.0	31.5	Vertical	PK	PASS



Plot for Mid Channel

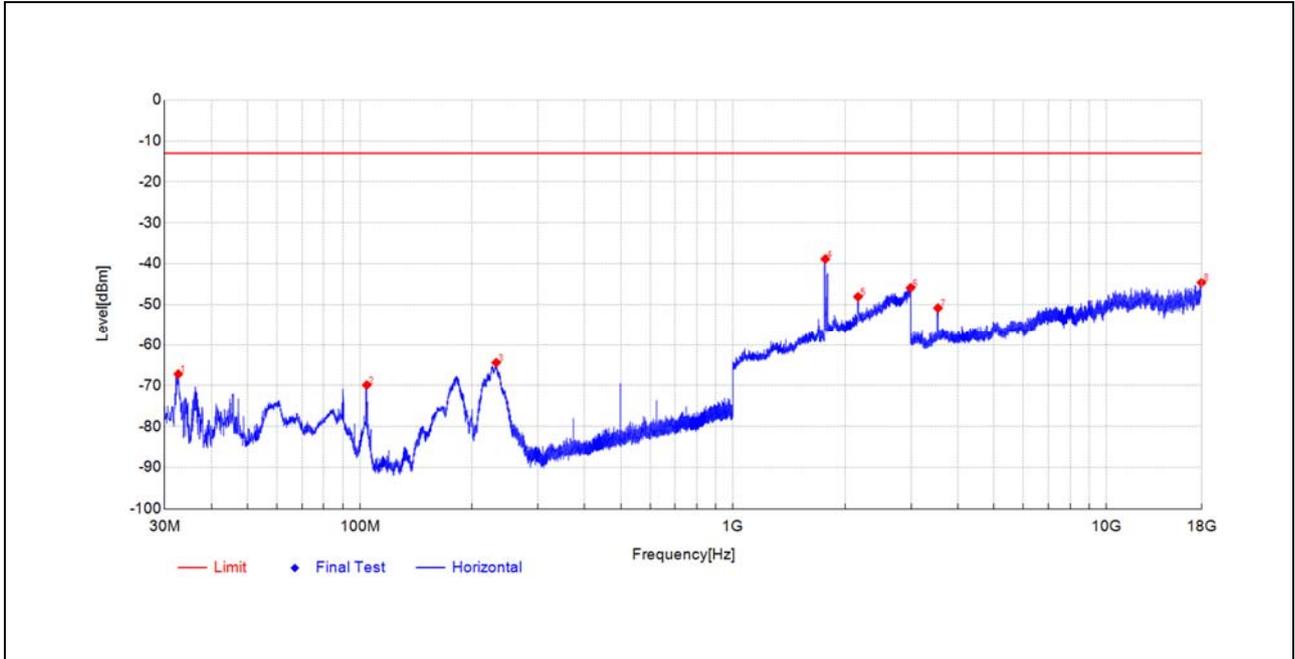


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
32.5706	-49.93	-65.16	-15.2	-13.0	52.2	Horizontal	PK	PASS
227.2594	-49.42	-64.84	-15.4	-13.0	51.8	Horizontal	PK	PASS
1702.1404	-44.70	-41.33	3.4	-13.0	28.3	Horizontal	PK	PASS
1744.1488	-41.14	-38.17	3.0	-	-	Horizontal	PK	NA
2151.0302	-52.36	-46.34	6.0	-	-	Horizontal	PK	NA
2998.7998	-60.11	-45.64	14.5	-13.0	32.6	Horizontal	PK	PASS
3485.6408	-52.66	-51.73	0.9	-13.0	38.7	Horizontal	PK	PASS
17901.596	-68.81	-44.33	24.5	-13.0	31.3	Horizontal	PK	PASS

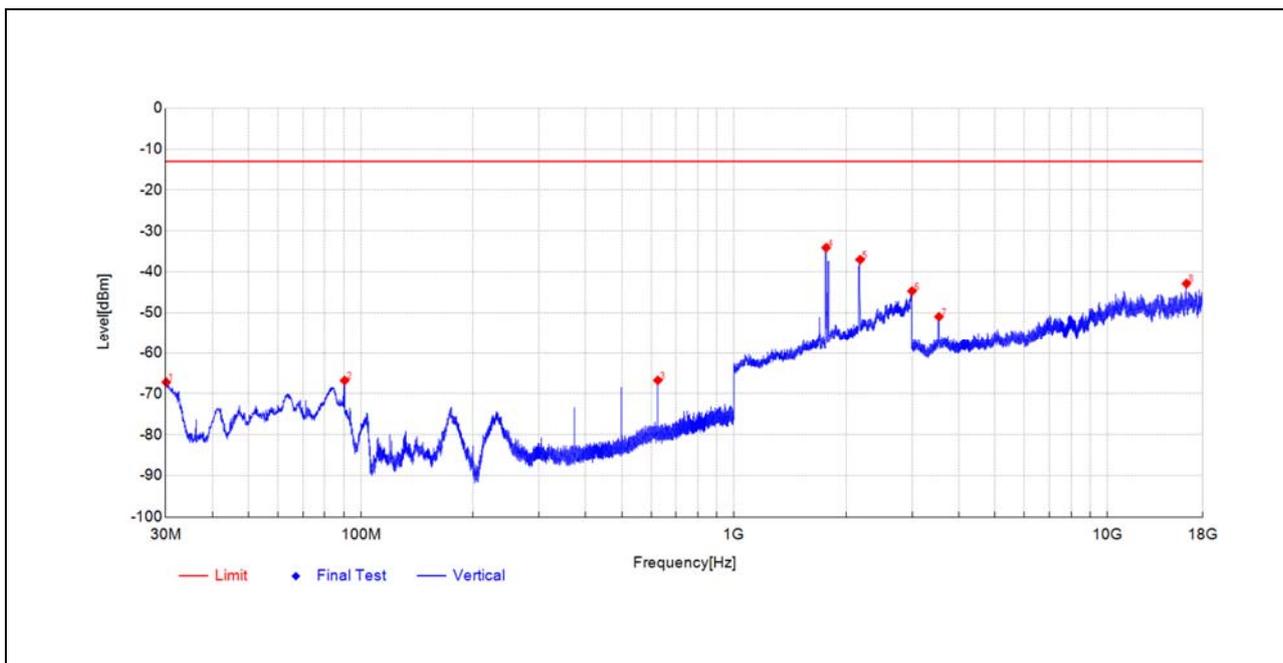


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.434	-43.53	-65.79	-22.3	-13.0	52.8	Vertical	PK	PASS
624.9792	-56.58	-66.13	-9.6	-13.0	53.1	Vertical	PK	PASS
1702.1404	-42.39	-38.90	3.5	-13.0	25.9	Vertical	PK	PASS
1744.1488	-37.76	-34.31	3.5	-	-	Vertical	PK	NA
2151.0302	-42.32	-36.60	5.7	-	-	Vertical	PK	NA
2997.5995	-60.31	-43.91	16.4	-13.0	30.9	Vertical	PK	PASS
3489.9271	-54.18	-52.98	1.2	-13.0	40.0	Vertical	PK	PASS
16871.474	-70.58	-44.36	26.2	-13.0	31.4	Vertical	PK	PASS

Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
32.6191	-51.96	-67.19	-15.2	-13.0	54.2	Horizontal	PK	PASS
104.3542	-47.16	-69.87	-22.7	-13.0	56.9	Horizontal	PK	PASS
231.9156	-49.04	-64.41	-15.4	-13.0	51.4	Horizontal	PK	PASS
1766.1532	-42.23	-38.84	3.4	-	-	Horizontal	PK	NA
2161.4323	-54.39	-48.07	6.3	-	-	Horizontal	PK	NA
2990.7982	-60.00	-45.88	14.1	-13.0	32.9	Horizontal	PK	PASS
3540.0772	-52.12	-50.83	1.3	-13.0	37.8	Horizontal	PK	PASS
17992.319	-68.45	-44.59	23.9	-13.0	31.6	Horizontal	PK	PASS

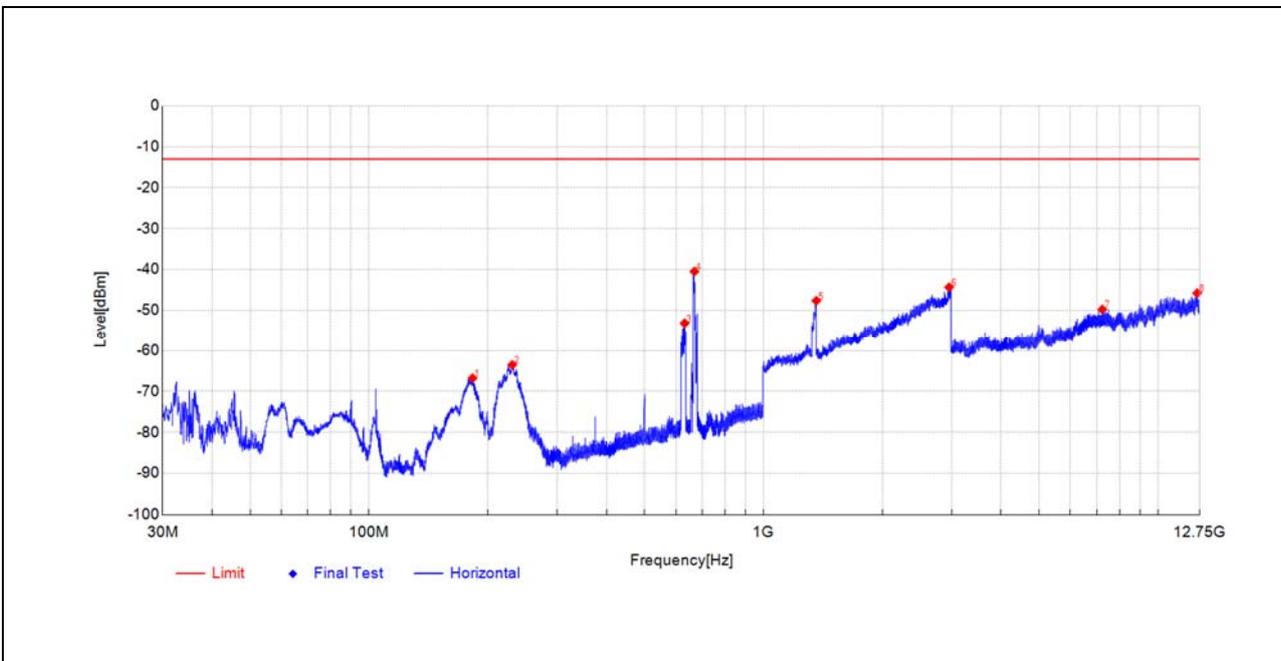


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
30.097	-41.98	-67.19	-25.2	-13.0	54.2	Vertical	PK	PASS
90.4825	-44.54	-66.79	-22.3	-13.0	53.8	Vertical	PK	PASS
624.9307	-57.18	-66.73	-9.6	-13.0	53.7	Vertical	PK	PASS
1764.953	-37.51	-34.07	3.4	-	-	Vertical	PK	NA
2177.0354	-43.57	-36.99	6.6	-	-	Vertical	PK	NA
2997.5995	-61.08	-44.68	16.4	-13.0	31.7	Vertical	PK	PASS
3540.0772	-52.32	-50.94	1.4	-13.0	37.9	Vertical	PK	PASS
16296.411	-69.03	-42.84	26.2	-13.0	29.8	Vertical	PK	PASS

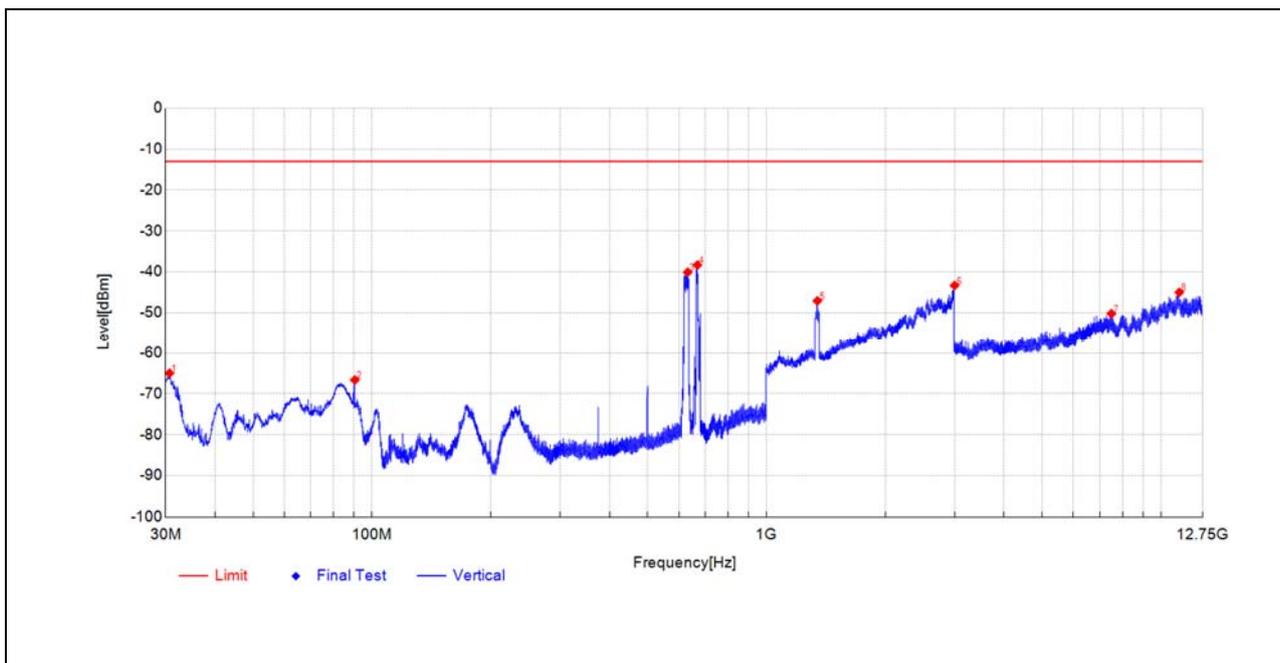


LTE Band 71

Plot for Low Channel



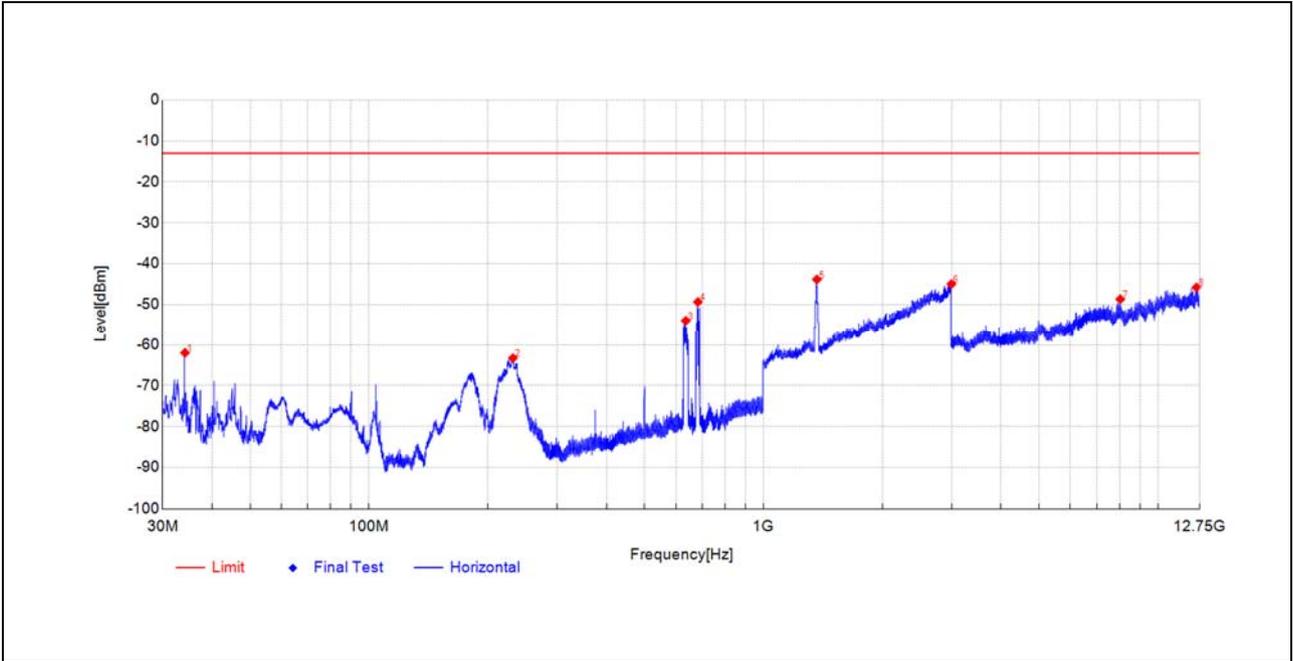
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
183.0737	-46.53	-66.76	-20.2	-13.0	53.8	Horizontal	PK	PASS
230.7515	-48.89	-63.51	-14.6	-13.0	50.5	Horizontal	PK	PASS
631.1876	-44.44	-53.13	-8.7	-	-	Horizontal	PK	NA
668.3889	-32.37	-40.47	-8.1	-	-	Horizontal	PK	NA
1361.6723	-46.93	-47.60	-0.7	-13.0	34.6	Horizontal	PK	PASS
2955.191	-59.40	-44.32	15.1	-13.0	31.3	Horizontal	PK	PASS
7229.274	-61.97	-49.73	12.2	-13.0	36.7	Horizontal	PK	PASS
12571.566	-69.04	-45.76	23.3	-13.0	32.8	Horizontal	PK	PASS



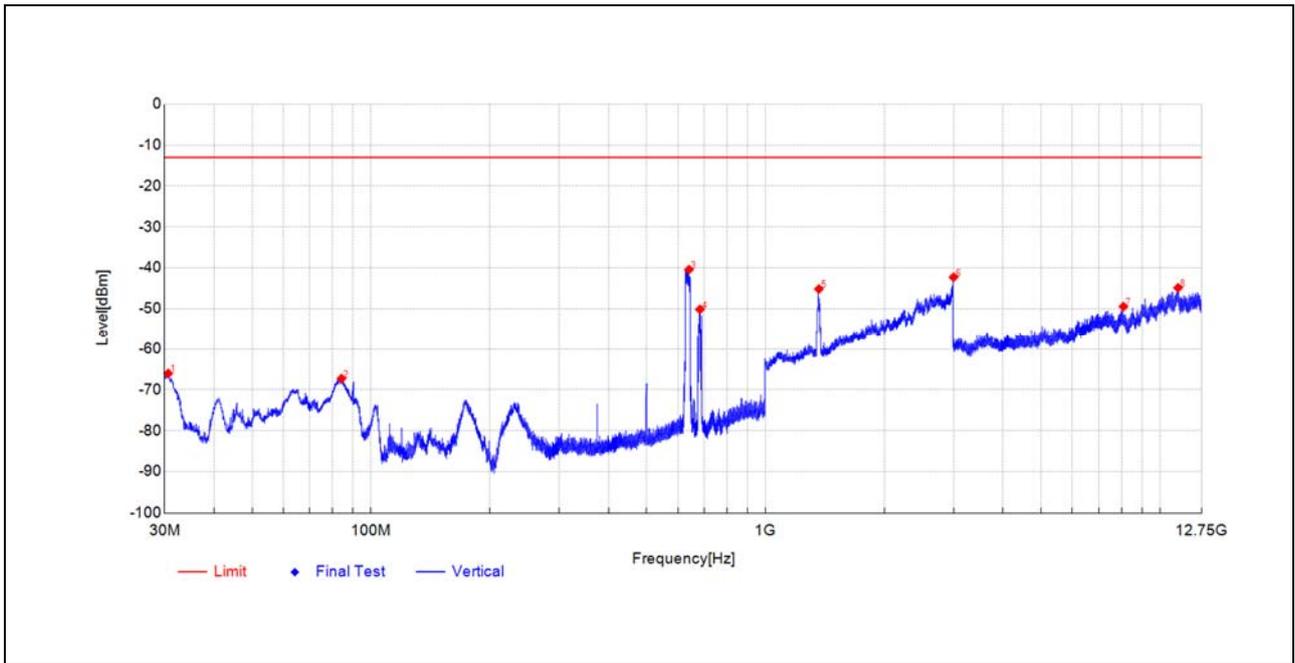
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
30.679	-40.15	-64.99	-24.8	-13.0	52.0	Vertical	PK	PASS
90.4825	-44.57	-66.64	-22.1	-13.0	53.6	Vertical	PK	PASS
631.5756	-31.51	-40.07	-8.6	-	-	Vertical	PK	NA
668.5344	-29.90	-38.31	-8.4	-	-	Vertical	PK	NA
1346.4693	-46.11	-47.05	-0.9	-13.0	34.1	Vertical	PK	PASS
2997.5995	-60.74	-43.31	17.4	-13.0	30.3	Vertical	PK	PASS
7492.0496	-62.20	-50.18	12.0	-13.0	37.2	Vertical	PK	PASS
11132.881	-66.93	-44.98	22.0	-13.0	32.0	Vertical	PK	PASS



Plot for Mid Channel



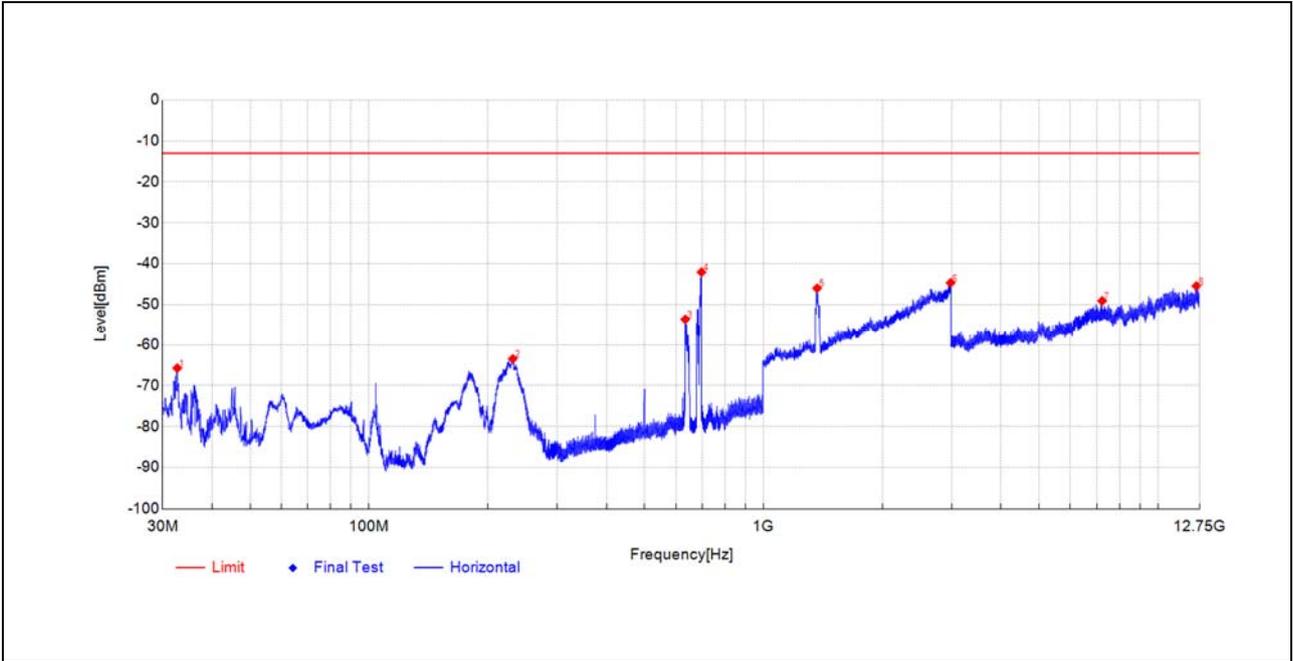
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
34.1712	-46.92	-61.98	-15.1	-13.0	49.0	Horizontal	PK	PASS
231.6731	-48.60	-63.29	-14.7	-13.0	50.3	Horizontal	PK	PASS
635.4558	-45.32	-53.95	-8.6	-	-	Horizontal	PK	NA
682.2121	-41.45	-49.34	-7.9	-	-	Horizontal	PK	NA
1366.0732	-43.17	-43.83	-0.7	-13.0	30.8	Horizontal	PK	PASS
2994.799	-60.30	-44.96	15.3	-13.0	32.0	Horizontal	PK	PASS
8027.8389	-62.11	-48.66	13.5	-13.0	35.7	Horizontal	PK	PASS
12515.500	-69.18	-45.78	23.4	-13.0	32.8	Horizontal	PK	PASS



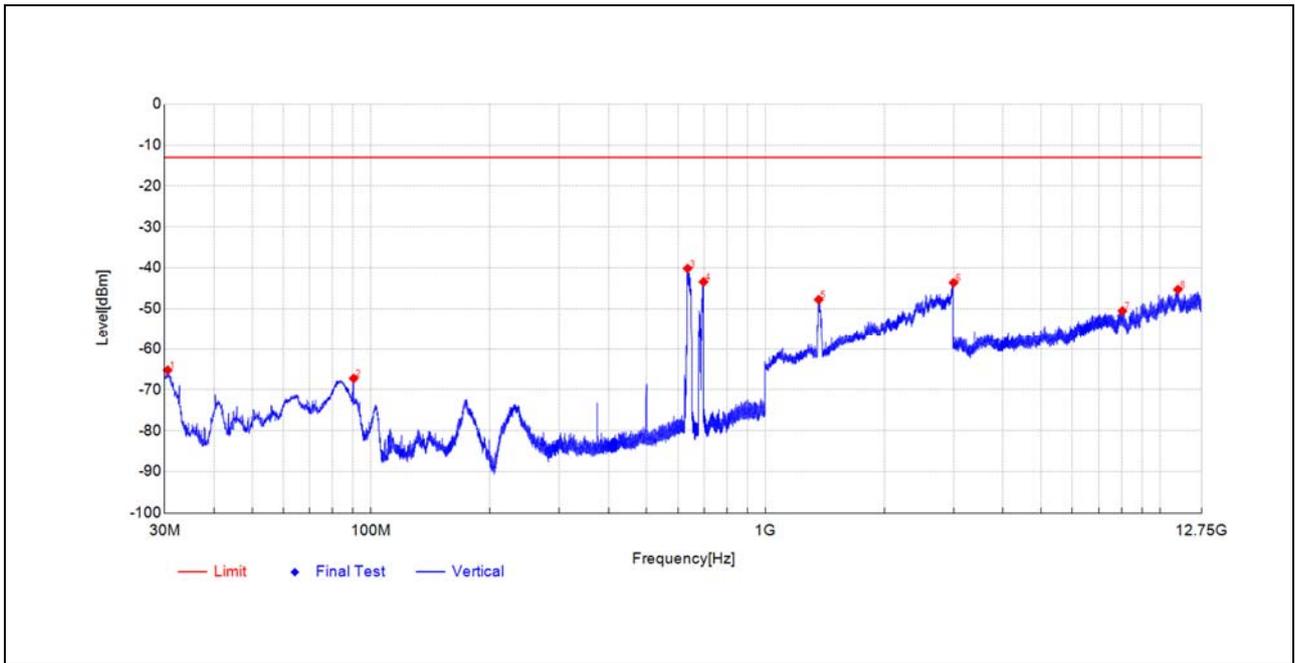
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
30.6305	-41.18	-66.03	-24.9	-13.0	53.0	Vertical	PK	PASS
84.1772	-44.58	-67.28	-22.7	-13.0	54.3	Vertical	PK	PASS
639.9665	-31.95	-40.41	-8.5	-	-	Vertical	PK	NA
682.3091	-41.67	-50.13	-8.5	-	-	Vertical	PK	NA
1366.0732	-44.36	-45.15	-0.8	-13.0	32.2	Vertical	PK	PASS
2998.3997	-59.78	-42.26	17.5	-13.0	29.3	Vertical	PK	PASS
8080.004	-62.43	-49.44	13.0	-13.0	36.4	Vertical	PK	PASS
11117.280	-67.02	-44.86	22.2	-13.0	31.9	Vertical	PK	PASS



Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
32.6676	-50.68	-65.73	-15.1	-13.0	52.7	Horizontal	PK	PASS
231.5276	-48.79	-63.47	-14.7	-13.0	50.5	Horizontal	PK	PASS
633.6612	-44.95	-53.60	-8.7	-	-	Horizontal	PK	NA
696.5688	-34.12	-42.05	-7.9	-	-	Horizontal	PK	NA
1367.6735	-45.33	-45.99	-0.7	-13.0	33.0	Horizontal	PK	PASS
2980.7962	-59.52	-44.67	14.9	-13.0	31.7	Horizontal	PK	PASS
7221.9611	-61.26	-49.07	12.2	-13.0	36.1	Horizontal	PK	PASS
12516.475	-68.82	-45.43	23.4	-13.0	32.4	Horizontal	PK	PASS



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
30.5335	-40.33	-65.22	-24.9	-13.0	52.2	Vertical	PK	PASS
90.3855	-45.17	-67.24	-22.1	-13.0	54.2	Vertical	PK	PASS
634.7767	-31.61	-40.13	-8.5	-	-	Vertical	PK	NA
696.6658	-35.19	-43.41	-8.2	-	-	Vertical	PK	NA
1364.873	-46.93	-47.75	-0.8	-13.0	34.8	Vertical	PK	PASS
2999.5999	-61.28	-43.60	17.7	-13.0	30.6	Vertical	PK	PASS
8034.6642	-63.53	-50.51	13.0	-13.0	37.5	Vertical	PK	PASS
11103.630	-67.65	-45.29	22.4	-13.0	32.3	Vertical	PK	PASS



Annex A Test Uncertainty

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

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

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



Annex B Testing Laboratory Information

1. Identification of the Responsible Testing Laboratory

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

2. Identification of the Responsible Testing Location

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

3. Facilities and Accreditations

All measurement facilities used to collect the measurement data are located at FL.3, Building A, FeiYang Science Park, Block 67, BaoAn District, Shenzhen, 518101 P. R. China. The test site is constructed in conformance with the requirements of ANSI C63.10-2013 and CISPR Publication 22; the FCC designation number is CN1192, the test firm registration number is 226174.



4. Test Equipment Utilized

4.1 List of Software Used

Description	Manufacturer	Software Version
JS36-RSE	Tonscend	5.0.0

4.2 Radiated Test Equipment

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
System Simulator	152038	CMW500	R&S	2024.09.11	2025.09.10
Receiver	MY56060145	N9020A	Agilent	2024.05.30	2025.05.29
				2025.05.13	2026.05.12
Test Antenna - Bi-Log	9163-519	VULB 9163	Schwarzbeck	2024.06.22	2025.06.21
Test Antenna - Horn	9120D-963	BBHA 9120D	Schwarzbeck	2024.06.22	2025.06.21
RF Coaxial Cable (DC-18GHz)	MRE001	PE330	Pasternack	2024.05.30	2025.05.29
				2025.05.13	2026.05.12
RF Coaxial Cable (DC-18GHz)	MRE002	CLU18	Pasternack	2024.05.30	2025.05.29
				2025.05.13	2026.05.12
RF Coaxial Cable (DC-18GHz)	MRE003	CLU18	Pasternack	2024.05.30	2025.05.29
				2025.05.13	2026.05.12
RF Coaxial Cable (DC-40GHz)	22290045	QA360-40-KK-0.5	Qualwave	2024.07.03	2025.07.02
RF Coaxial Cable (DC-40GHz)	22290046	QA360-40-KK F-2	Qualwave	2024.07.03	2025.07.02
Preamplifier (10MHz-6GHz)	46732	S10M100L380 2	LUCIX CORP.	2024.05.30	2025.05.29
				2025.05.13	2026.05.12
Preamplifier (2GHz-18GHz)	61171/61172	S020180L320 3	LUCIX CORP.	2024.05.30	2025.05.29
				2025.05.13	2026.05.12
Preamplifier (18GHz-40GHz)	DS77209	DCLNA0118-4 0C-S	Decentest	2024.05.30	2025.05.29
				2025.05.13	2026.05.12
Notch Filter	N/A	WRCGV -LTE B2	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV -LTE B4	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV -LTE B5	Wainwright	N/A	N/A



Notch Filter	N/A	WRCGV -LTE B12	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV -LTE B13	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV -LTE B66	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV -LTE B71	Wainwright	N/A	N/A
Anechoic Chamber	N/A	9m*6m*6m	CRT	2025.04.19	2028.04.18
Anechoic Chamber	N/A	9m*6m*6m	CRT	2022.11.30	2025.11.29

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