



FCC CFR47 PART 15 SUBPART C

**BLUETOOTH LOW ENERGY
C2PC CERTIFICATION TEST REPORT**

FOR

CDMA/LTE PHONE WITH BT & DTS WLAN b/g/n

MODEL NUMBER: LGL62VL, L62VL, LG-L62VL

FCC ID: ZNFL62VL

REPORT NUMBER: 16I22653-E3V1

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Prepared for

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NVLAP LAB CODE 200065-0

Revision History

<u>Rev.</u>	<u>Issue Date</u>	<u>Revisions</u>	<u>Revised By</u>
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1. ATTESTATION OF TEST RESULTS

COMPANY NAME: LG ELECTRONICS MOBILECOMM U.S.A., INC.
EUT DESCRIPTION: CDMA/LTE PHONE WITH BT & DTS WLAN b/g/n
MODEL: LGL62VL, L62VL, LG-L62VL
SERIAL NUMBER: 601KPQJ000748
DATE TESTED: JANUARY 12-25, 2016

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
CFR 47 Part 15 Subpart C	Pass

UL Verification Services Inc. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by UL Verification Services Inc. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Note: The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are duly noted in the revision section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, any agency of the Federal Government, or any agency of any government.

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2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with ANSI C63.10-2013 for FCC, FCC CFR 47 Part 2, and FCC CFR 47 Part 15.

3. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 47173 and 47266 Benicia Street, Fremont, California, USA. Line conducted emissions are measured only at the 47173 address. The following table identifies which facilities were utilized for radiated emission measurements documented in this report. Specific facilities are also identified in the test results sections.

47173 Benicia Street	47266 Benicia Street
<input type="checkbox"/> Chamber A	<input type="checkbox"/> Chamber D
<input checked="" type="checkbox"/> Chamber B	<input type="checkbox"/> Chamber E
<input type="checkbox"/> Chamber C	<input type="checkbox"/> Chamber F
	<input checked="" type="checkbox"/> Chamber G
	<input type="checkbox"/> Chamber H

The above test sites and facilities are covered under FCC Test Firm Registration # 208313.

UL Verification Services Inc. is accredited by NVLAP, Laboratory Code 200065-0.

Chambers A through H are covered under Industry Canada company address code 2324B with site numbers 2324B -1 through 2324B-8, respectively.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

4.2. SAMPLE CALCULATION

Where relevant, the following sample calculation is provided:

$$\begin{aligned} \text{Field Strength (dBuV/m)} &= \text{Measured Voltage (dBuV)} + \text{Antenna Factor (dB/m)} + \text{Cable} \\ &\text{Loss (dB)} - \text{Preamp Gain (dB)} \\ 36.5 \text{ dBuV} + 18.7 \text{ dB/m} + 0.6 \text{ dB} - 26.9 \text{ dB} &= 28.9 \text{ dBuV/m} \end{aligned}$$

4.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

PARAMETER	UNCERTAINTY
Radiated Disturbance, 9KHz to 30 MHz	2.14 dB
Radiated Disturbance, 30 to 1000 MHz	4.98 dB
Radiated Disturbance, 1000 to 6000 MHz	3.86 dB
Radiated Disturbance, 6000 to 18000 MHz	4.23 dB
Radiated Disturbance, 18000 to 26000 MHz	5.30 dB
Radiated Disturbance, 26000 to 40000 MHz	5.23 dB

Uncertainty figures are valid to a confidence level of 95%.

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

The EUT is CDMA/LTE Phone with BT & DTS WLAN b/g/n.

5.2. MAXIMUM OUTPUT POWER

See original report for detail.

5.3. DESCRIPTION OF AVAILABLE ANTENNAS

The radio utilizes an FPCB antenna, with a maximum gain of 0.24dBi.

5.4. WORST-CASE CONFIGURATION AND MODE

Radiated emission and power line conducted emission were performed with the EUT set to transmit on the channel with higher output power as worst-case scenario.

The fundamental of the EUT was investigated in three orthogonal orientations X, Y, Z it was determined that X orientation was worst-case orientation; therefore, all final radiated testing was performed with the EUT in X orientation.

5.5. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Support Equipment List				
Description	Manufacturer	Model	Serial Number	FCC ID
AC Adapter	LG	DC1507	EAD62377906	N/A

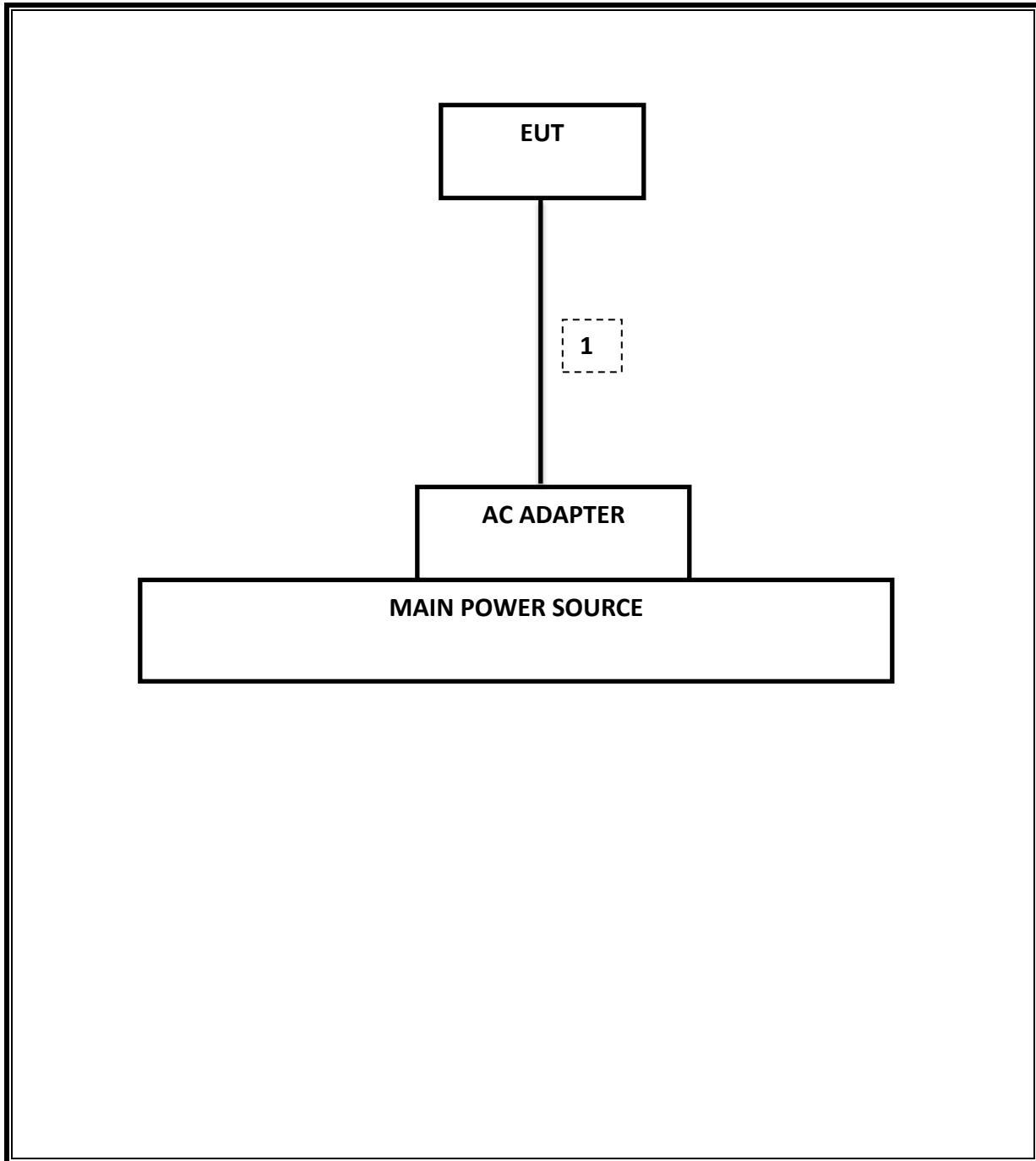
I/O CABLES

I/O Cable List						
Cable No	Port	# of identical ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	DC Power	1	Mini-USB	Shielded	1.2m	N/A

TEST SETUP

EUT was set in the Hidden menu mode to enable BLE communications.

SETUP DIAGRAM FOR TESTS



6. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the tests documented in this report:

Test Equipment List				
Description	Manufacturer	Model	T Number	Cal Due
Antenna, Biconolog, 30MHz-1 GHz	Sunol Sciences	JB1	130	09/01/16
Antenna, Horn, 18GHz	ETS Lindgren	3117	345	03/03/16
Antenna, Horn, 26.5 GHz	ARA	MWH-1826/B	447	05/12/16
RF Preamplifier, 1GHz - 18GHz	Miteq	NSP4000-SP2	88	04/07/16
RF Preamplifier, 1GHz - 26.5GHz	HP	8449B	404	06/29/16
Amplifier, 10KHz to 1 GHz	Keysight	8447D	15	08/14/16
Spectrum Analyzer, PXA, 3 Hz to 44 GHz	Keysight	N9030A	907	01/06/17
Low Pass Filter 5GHz	Micro-Tronics	LPS17541	417	05/04/16
High Pass Filter 6GHz	Micro-Tronics	HPS17542	893	04/25/16
High Pass Filter 3GHz	Micro-Tronics	HPS17543	898	04/25/16

Test Software List			
Description	Manufacturer	Model	Version
Radiated Software	UL	UL EMC	Version 9.5, June 24, 2015

7. SUMMARY TABLE

C2PC Reason: Please see LGL62VL FCC Class II change description for details.

FCC Part Section	RSS Section(s)	Test Description	Test Limit	Test Condition	Test Result
15.247 (a)(2)	RSS-247 5.2.1	Occupied Bandwidth (6dB)	>500KHz	Conducted	See Original
2.1051, 15.247 (d)	RSS-247 5.5	Band Edge / Conducted Spurious Emission	-20dBc		See Original
15.247	RSS-247 5.4.4	TX conducted output power	<30dBm		See Original
15.247	RSS-247 5.2.2	PSD	<8dBm		See Original
15.207 (a)	RSS-GEN 8.8	AC Power Line conducted emissions	Section 10	Radiated	See Original
15.205, 15.209	RSS-GEN 8.9/7	Radiated Spurious Emission	< 54dBuV/m		Pass

9. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for below 1GHz and 150cm for above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

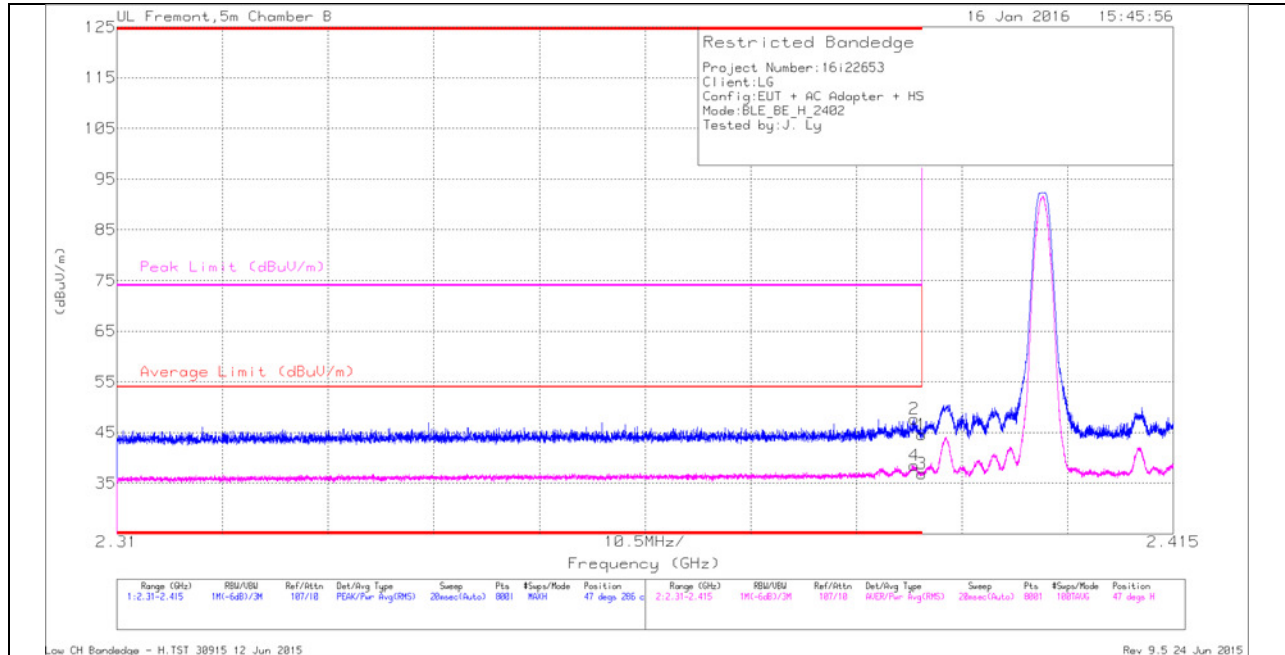
For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 1 MHz for peak measurements and add duty cycle factor for average measurements. Duty cycle factor = $10 \log (1/x)$. For example: DCF = $10 \log (1/0.625) = 2.04 \text{dB}$

The spectrum from 30 MHz to 26 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in the 2.4 GHz band.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

9.1. TRANSMITTER ABOVE 1 GHz RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

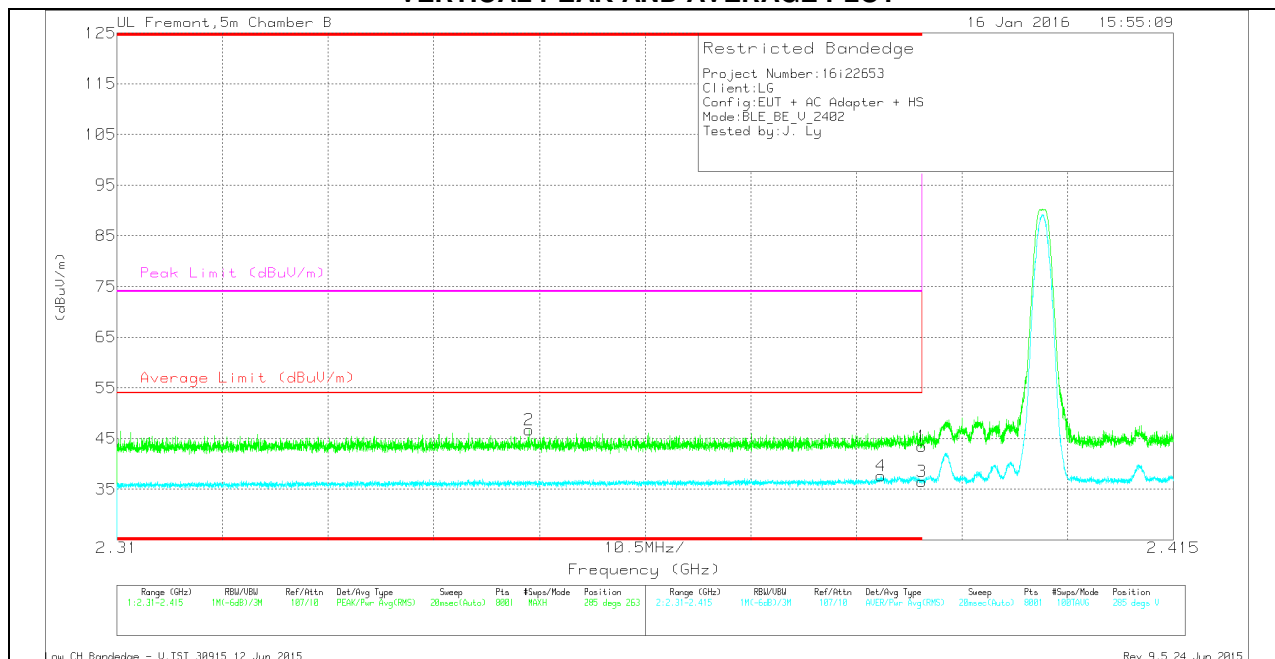
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/Fitter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	34.53	Pk	32	-21.9	0	44.63	-	-	74	-29.37	47	286	H
2	* 2.389	37.58	Pk	32	-21.9	0	47.68	-	-	74	-26.32	47	286	H
3	* 2.39	24.75	RMS	32	-21.9	2.04	36.89	54	-17.11	-	-	47	286	H
4	* 2.389	26.4	RMS	32	-21.9	2.04	38.54	54	-15.46	-	-	47	286	H

* - indicates frequency in 47 CFR §15.205/IC RSS-GEN §8.10 Restricted Band

Pk - Peak detector
 RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.351	36.83	Pk	31.8	-21.9	0	46.73	-	-	74	-27.27	285	263	V
4	* 2.386	25.47	RMS	32	-21.9	2.04	37.61	54	-16.39	-	-	285	263	V
1	* 2.39	33.4	Pk	32	-21.9	0	43.5	-	-	74	-30.5	285	263	V
3	* 2.39	24.33	RMS	32	-21.9	2.04	36.47	54	-17.53	-	-	285	263	V

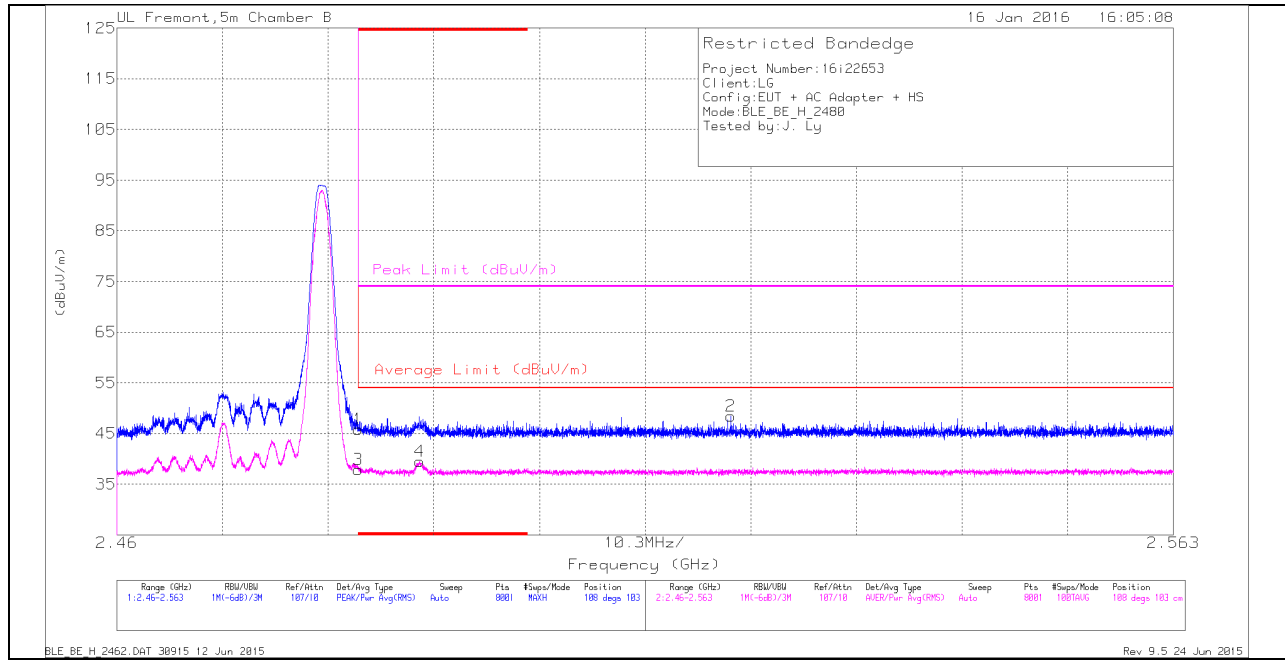
* - indicates frequency in 47 CFR §15.205/IC RSS-GEN §8.10 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

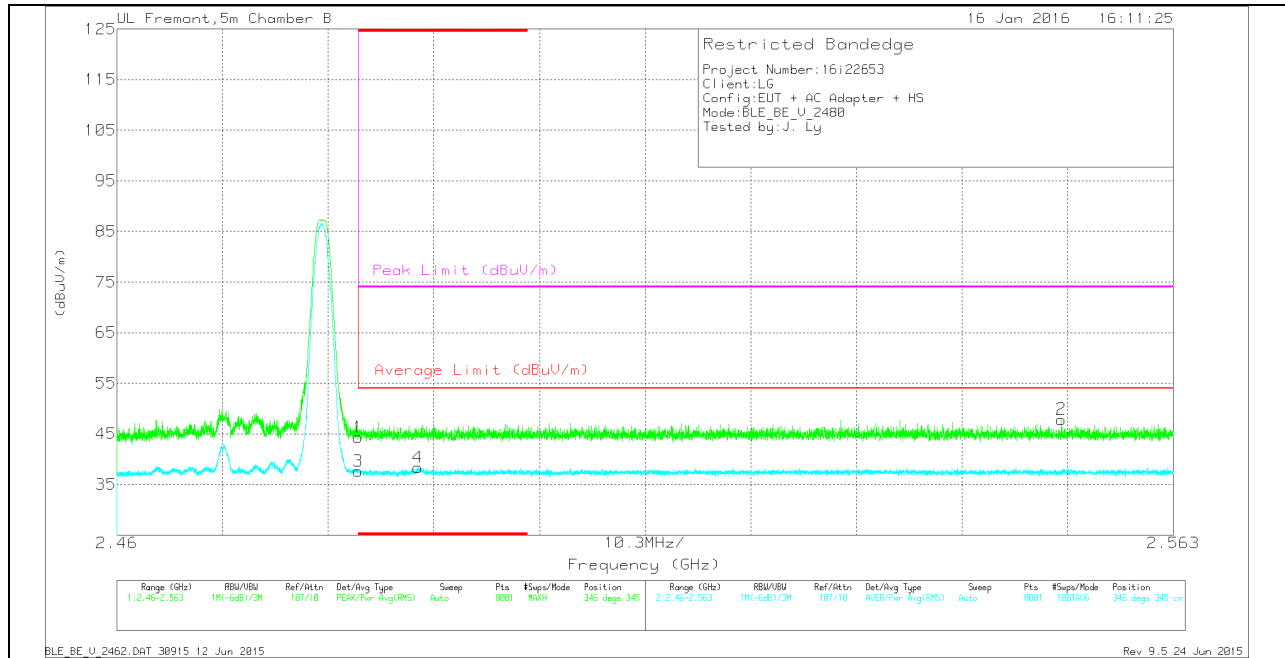
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	35.11	Pk	32.5	-21.8	0	45.81	-	-	74	-28.19	108	103	H
3	* 2.484	25.12	RMS	32.5	-21.8	2.04	37.86	54	-16.14	-	-	108	103	H
4	* 2.49	26.84	RMS	32.5	-21.9	2.04	39.48	54	-14.52	-	-	108	103	H
2	2.52	37.6	Pk	32.6	-21.8	0	48.4	-	-	74	-25.6	108	103	H

* - indicates frequency in 47 CFR §15.205/IC RSS-GEN §8.10 Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/Filt r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	33.68	Pk	32.5	-21.8	0	44.38	-	-	74	-29.62	346	345	V
3	* 2.484	24.85	RMS	32.5	-21.8	2.04	37.59	54	-16.41	-	-	346	345	V
4	* 2.489	25.75	RMS	32.5	-21.9	2.04	38.39	54	-15.61	-	-	346	345	V
2	2.552	36.97	Pk	32.7	-21.8	0	47.87	-	-	74	-26.13	346	345	V

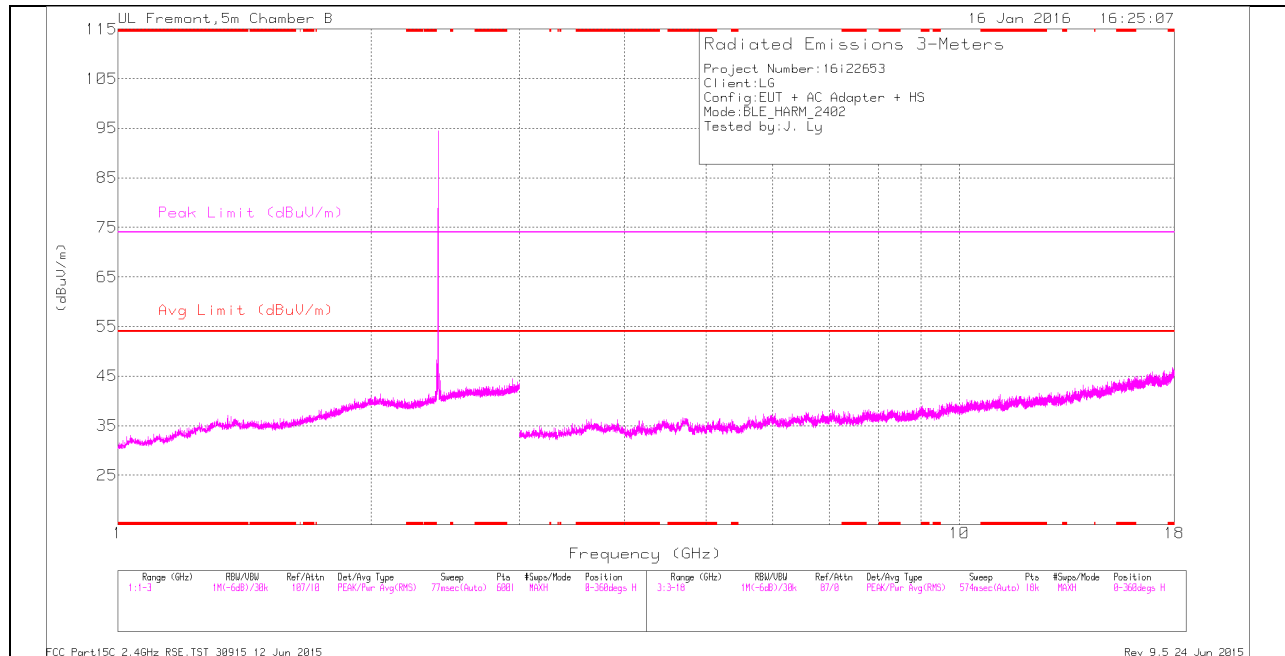
* - indicates frequency in 47 CFR §15.205/IC RSS-GEN §8.10 Restricted Band

Pk - Peak detector

RMS - RMS detection

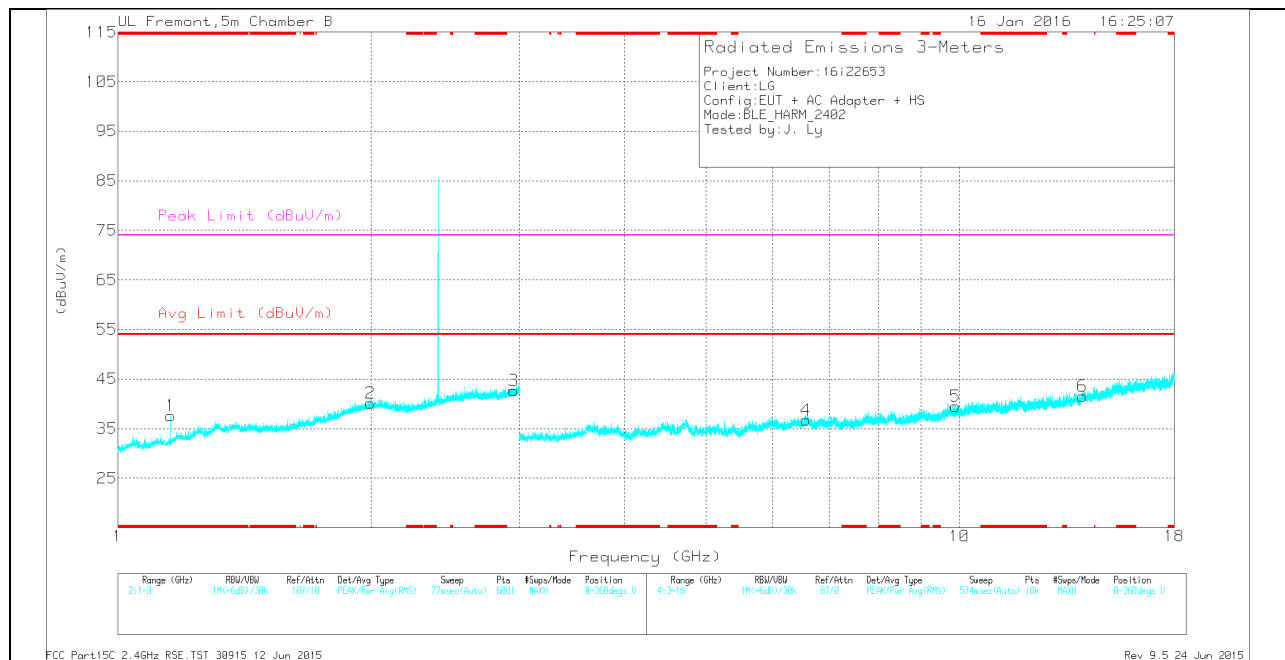
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

LOW CHANNEL VERTICAL



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

LOW CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fitr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.155	32.87	Pk	28.1	-23.4	0	37.57	-	-	74	-36.43	0-360	199	V
2	1.995	29.51	Pk	32.3	-21.7	0	40.11	-	-	74	-33.89	0-360	199	V
6	14.001	26.26	Pk	39.1	-23.8	0	41.56	-	-	74	-32.44	0-360	101	V
3	2.953	30.73	Pk	32.6	-20.7	0	42.63	-	-	74	-31.37	0-360	101	V
4	6.566	31.23	Pk	35.9	-30.4	0	36.73	-	-	74	-37.27	0-360	101	V
5	9.888	28.51	Pk	37.1	-26.1	0	39.51	-	-	74	-34.49	0-360	101	V

* - indicates frequency in 47 CFR §15.205/IC RSS-GEN §8.10 Restricted Band

Pk - Peak detector

Radiated Emissions

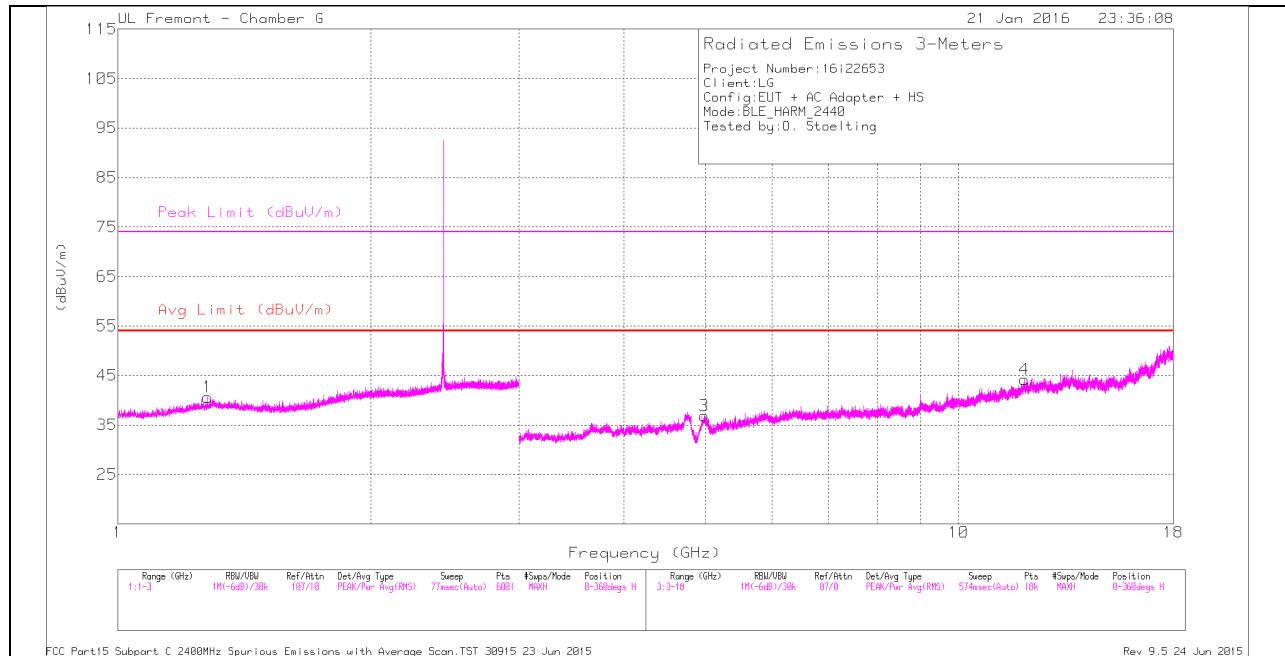
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fitr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.157	36.95	PK2	28.1	-23.3	0	41.75	-	-	74	-32.25	255	400	V
* 1.157	24.47	MAV1	28.1	-23.3	2.04	31.31	54	-22.69	-	-	255	400	V
1.993	37.36	PK2	32.3	-21.7	0	47.96	-	-	74	-26.04	255	400	V
2.954	38.74	PK2	32.6	-20.8	0	50.54	-	-	74	-23.46	255	400	V
6.567	40.49	PK2	35.9	-30.4	0	45.99	-	-	74	-28.01	255	400	V
9.888	36.24	PK2	37.1	-26.1	0	47.24	-	-	74	-26.76	255	400	V
14.003	34.59	PK2	39.1	-23.8	0	49.89	-	-	74	-24.11	255	400	V

* - indicates frequency in 47 CFR §15.205/IC RSS-GEN §8.10 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

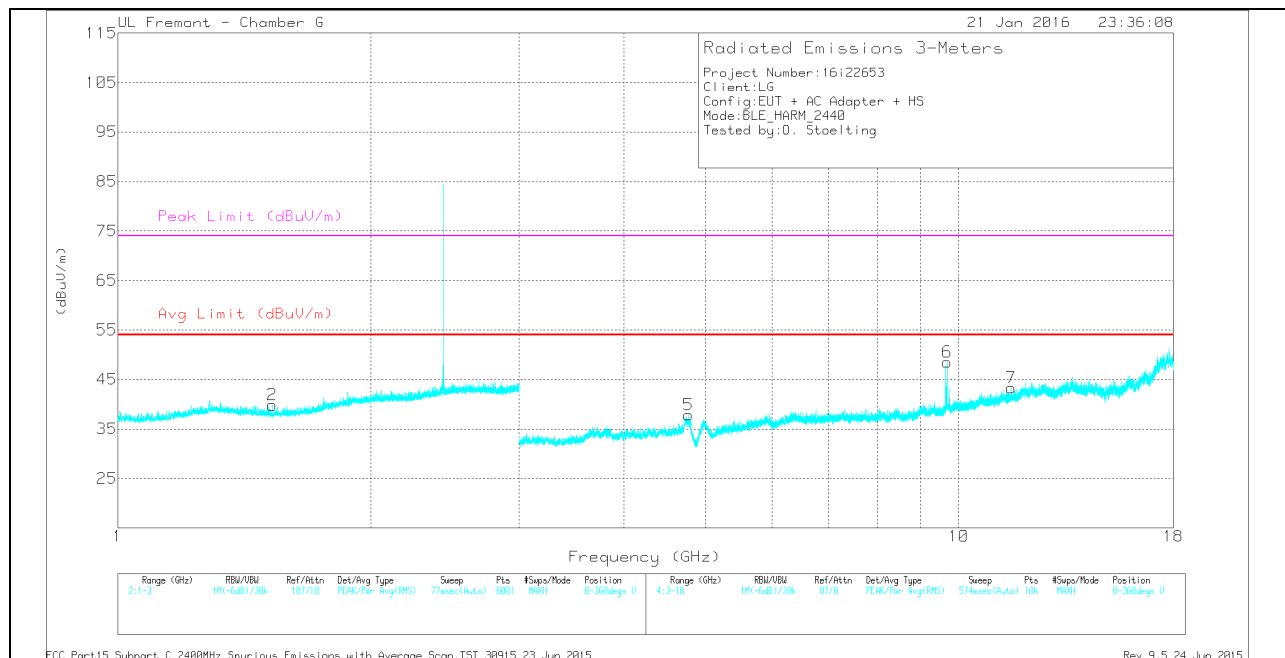
MAV1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL HORIZONTAL



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

MID CHANNEL VERTICAL



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.279	37.19	Pk	29.1	-25.7	0	40.59	-	-	74	-33.41	0-360	201	H
2	* 1.526	36.73	Pk	28.3	-25.2	0	39.83	-	-	74	-34.17	0-360	200	V
3	* 4.982	35.08	Pk	34.2	-32.4	0	36.88	-	-	74	-37.12	0-360	101	H
4	* 11.969	30.28	Pk	38.8	-24.9	0	44.18	-	-	74	-29.82	0-360	201	H
5	* 4.769	36.31	Pk	34	-32.5	0	37.81	-	-	74	-36.19	0-360	200	V
7	* 11.556	30.66	Pk	38.3	-25.6	0	43.36	-	-	74	-30.64	0-360	200	V

* - indicates frequency in 47 CFR §15.205/IC RSS-GEN §8.10 Restricted Band

Pk - Peak detector

Radiated Emissions

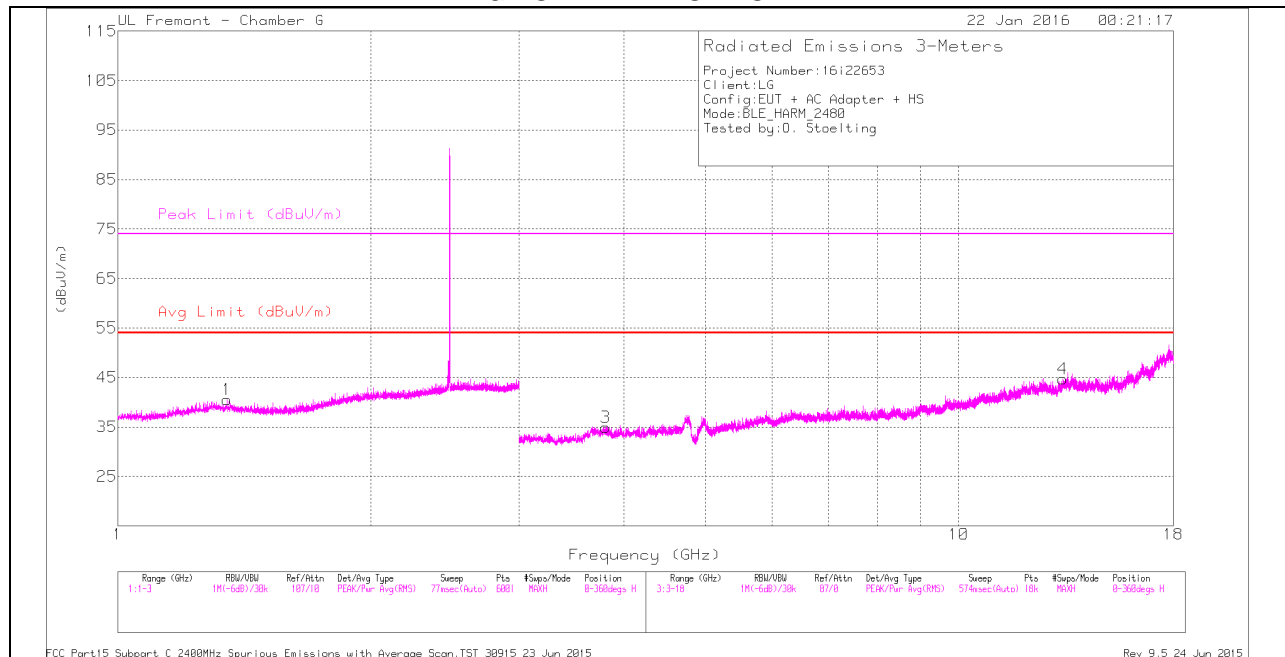
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filtr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.28	44.23	PK2	29.1	-25.7	0	47.63	-	-	74	-26.37	216	186	H
* 1.28	32.16	MAv1	29.2	-25.7	2.04	37.7	54	-16.3	-	-	216	186	H
* 1.528	43.94	PK2	28.3	-25.2	0	47.04	-	-	74	-26.96	135	102	V
* 1.527	31.87	MAv1	28.3	-25.2	2.04	37.01	54	-16.99	-	-	135	102	V
* 4.982	42.26	PK2	34.2	-32.4	0	44.06	-	-	74	-29.94	96	225	H
* 4.982	31.11	MAv1	34.2	-32.4	2.04	34.95	54	-19.05	-	-	96	225	H
* 11.97	37.23	PK2	38.8	-25	0	51.03	-	-	74	-22.97	17	348	H
* 11.967	25.86	MAv1	38.8	-24.9	2.04	41.8	54	-12.2	-	-	17	348	H
* 4.768	44.66	PK2	34	-32.5	0	46.16	-	-	74	-27.84	208	156	V
* 4.771	32.52	MAv1	34	-32.5	2.04	36.06	54	-17.94	-	-	208	156	V
* 11.557	37.3	PK2	38.3	-25.6	0	50	-	-	74	-24	221	297	V
* 11.554	26.17	MAv1	38.3	-25.6	2.04	40.91	54	-13.09	-	-	221	297	V

* - indicates frequency in 47 CFR §15.205/IC RSS-GEN §8.10 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

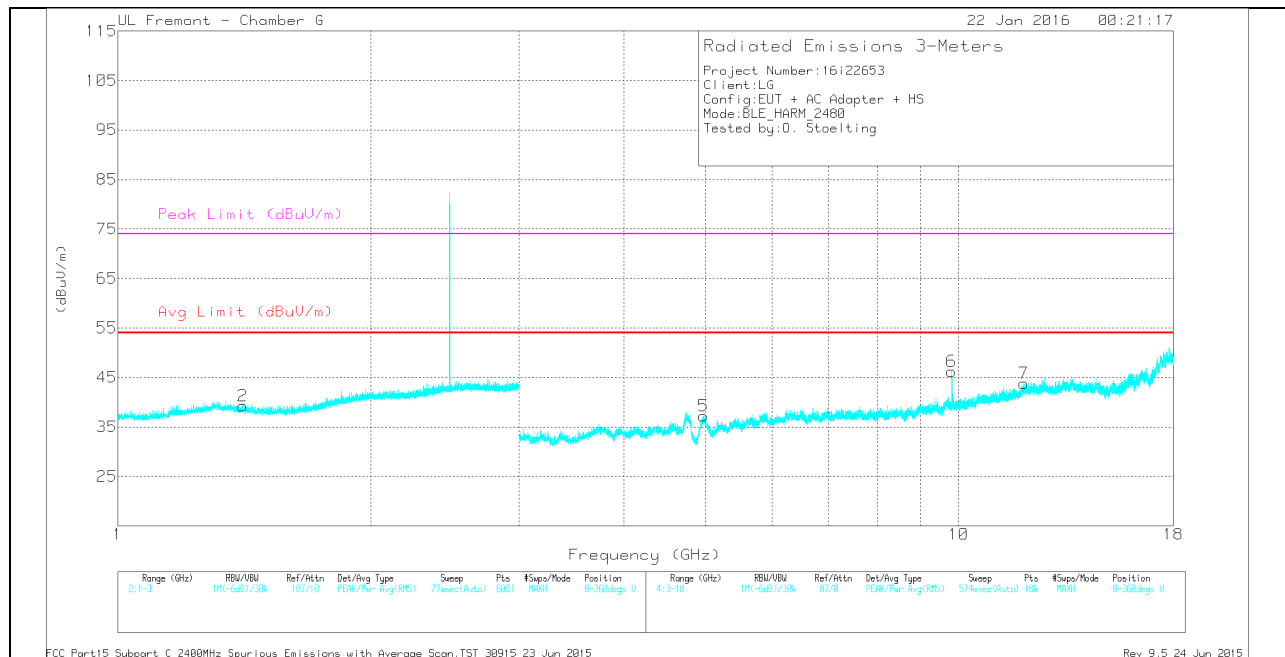
MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL HORIZONTAL



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Ftr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.349	36.87	Pk	29.1	-25.5	0	40.47	-	-	74	-33.53	0-360	201	H
2	* 1.408	35.87	Pk	28.8	-25.4	0	39.27	-	-	74	-34.73	0-360	101	V
3	* 3.8	34.36	Pk	33.1	-32.5	0	34.96	-	-	74	-39.04	0-360	101	H
4	* 13.307	30.71	Pk	39.6	-25.6	0	44.71	-	-	74	-29.29	0-360	201	H
5	* 4.973	35.44	Pk	34.2	-32.4	0	37.24	-	-	74	-36.76	0-360	200	V
7	* 11.957	29.78	Pk	38.8	-24.8	0	43.78	-	-	74	-30.22	0-360	200	V
6	9.807	37.59	Pk	36.9	-28.3	0	46.19	-	-	74	-27.81	0-360	101	V

* - indicates frequency in 47 CFR §15.205/IC RSS-GEN §8.10 Restricted Band

Pk - Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Ftr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.35	44.15	PK2	29.1	-25.5	0	47.75	-	-	74	-26.25	253	106	H
* 1.348	32.04	MAV1	29.1	-25.5	2.04	37.68	54	-16.32	-	-	253	106	H
* 1.408	44.69	PK2	28.8	-25.4	0	48.09	-	-	74	-25.91	112	394	V
* 1.41	32.24	MAV1	28.7	-25.4	2.04	37.58	54	-16.42	-	-	112	394	V
* 3.802	42.11	PK2	33.1	-32.5	0	42.71	-	-	74	-31.29	128	131	H
* 3.802	30.63	MAV1	33.1	-32.5	2.04	33.27	54	-20.73	-	-	128	131	H
* 13.306	40.19	PK2	39.6	-25.6	0	54.19	-	-	74	-19.81	5	179	H
* 13.307	26.82	MAV1	39.6	-25.6	2.04	42.86	54	-11.14	-	-	5	179	H
* 4.973	43.36	PK2	34.2	-32.4	0	45.16	-	-	74	-28.84	193	171	V
* 4.974	31.49	MAV1	34.2	-32.4	2.04	35.33	54	-18.67	-	-	193	171	V
* 11.955	37.45	PK2	38.8	-24.8	0	51.45	-	-	74	-22.55	63	387	V
* 11.957	25.95	MAV1	38.8	-24.8	2.04	41.99	54	-12.01	-	-	63	387	V

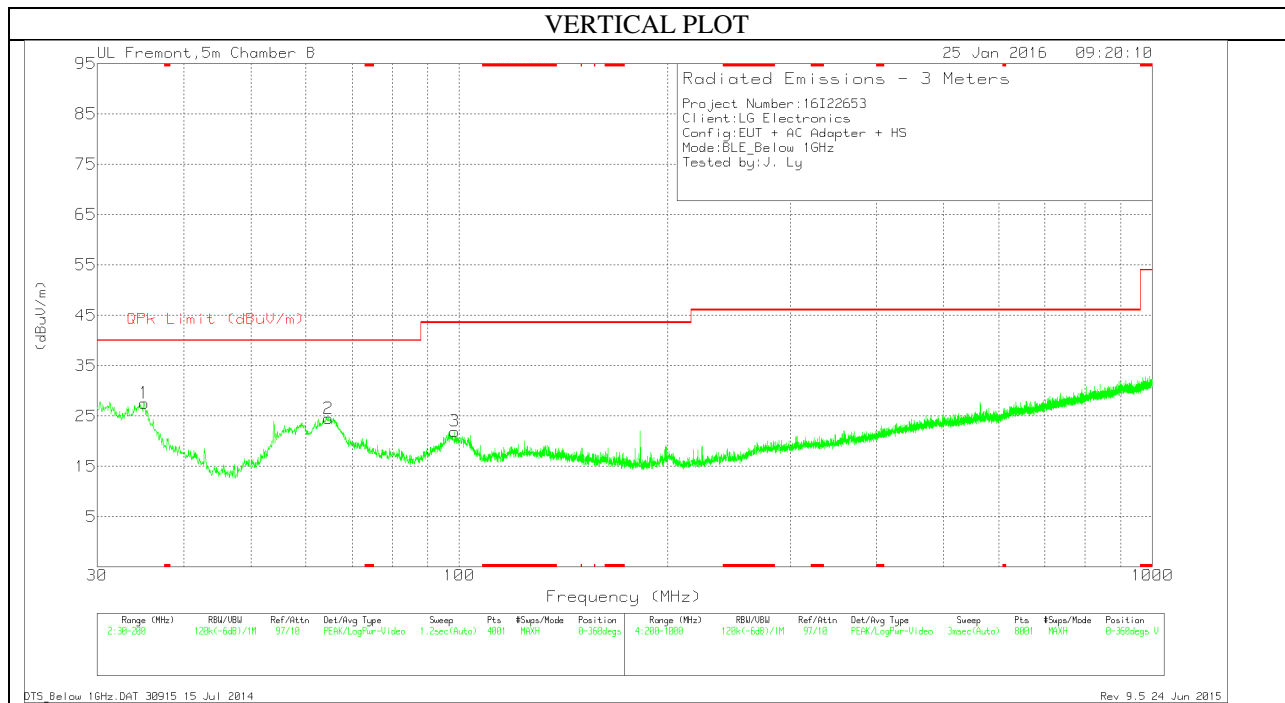
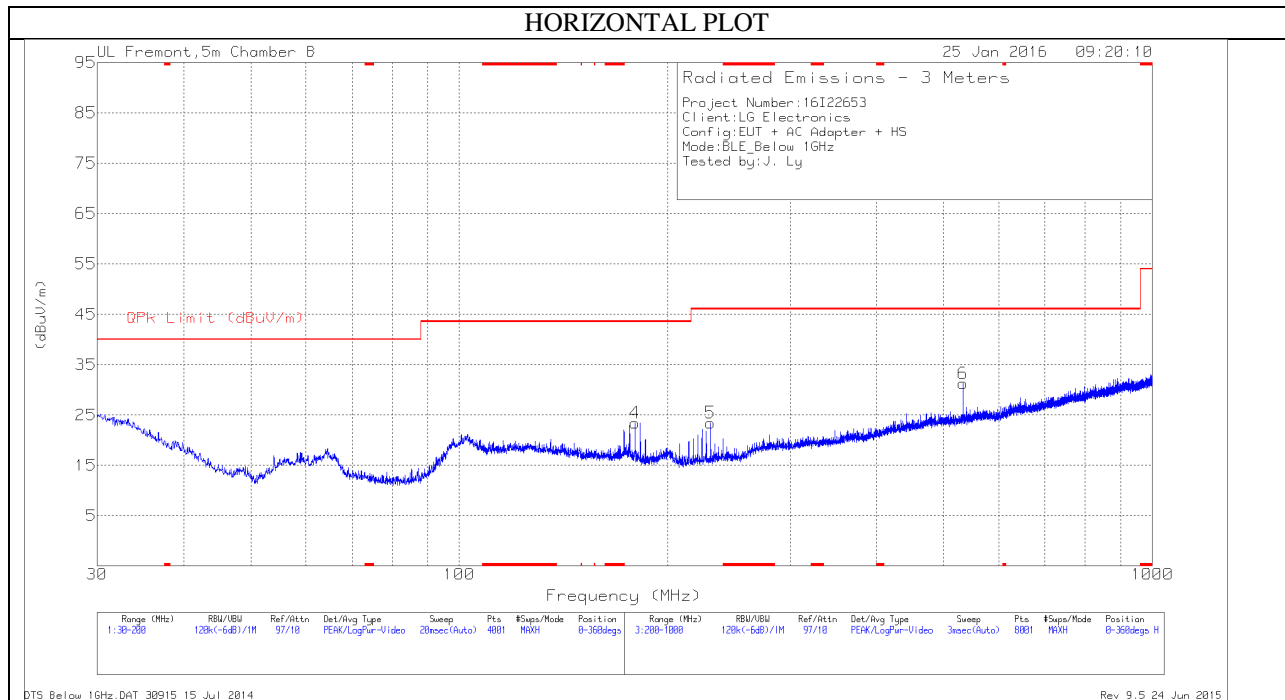
* - indicates frequency in 47 CFR §15.205/IC RSS-GEN §8.10 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

9.1. WORST-CASE BELOW 1 GHz

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION)



Below 1G Data

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T130 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	35.1	34.86	Pk	21.5	-28.8	27.56	40	-12.44	0-360	101	V
2	64.68	41.1	Pk	11.9	-28.5	24.5	40	-15.5	0-360	101	V
3	98.4888	36.27	Pk	13.8	-28.1	21.97	43.52	-21.55	0-360	101	V
4	179.175	35.43	Pk	15.3	-27.3	23.43	43.52	-20.09	0-360	101	H
5	230.4	35.12	Pk	15	-26.7	23.42	46.02	-22.6	0-360	101	H
6	533.3	35.47	Pk	22	-26.2	31.27	46.02	-14.75	0-360	199	H

* - indicates frequency in 47 CFR §15.205/IC RSS-GEN §8.10 Restricted Band

Pk - Peak detector