



**FCC CFR47 PART 15 SUBPART C
C2PC CERTIFICATION TEST REPORT
FOR**

GSM/WCDMA/LTE Phone + Bluetooth, DTS/UNII a/b/g/n and NFC

MODEL NUMBER: LG-D725, D725, LGD725

FCC ID: ZNFD725

REPORT NUMBER: 14U18112-4

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Prepared for
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1. ATTESTATION OF TEST RESULTS

COMPANY NAME: LG ELECTRONICS MOBILECOMM U.S.A., INC.
EUT DESCRIPTION: GSM/WCDMA/LTE Phone + Bluetooth, DTS/UNII a/b/g/n and NFC
MODEL: LG-D725, D725, LGD725
SERIAL NUMBER: 17T3W (Radiated)
DATE TESTED: JUNE 25-30, 2014

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 revisions 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 FCC CFR 47 Part 2, FCC CFR 47 Part 15, ANSI C63.4-2009

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
☒ Chamber A	☐ Chamber D
☒ Chamber B	☐ Chamber E
☐ Chamber C	☐ Chamber F

UL Verification Services Inc. is accredited by NVLAP, Laboratory Code 200065-0. The full scope of accreditation can be viewed at <http://ts.nist.gov/standards/scopes/2000650.htm>.

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:

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

4.3. MEASUREMENT UNCERTAINTY

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

PARAMETER	UNCERTAINTY
Conducted Disturbance, 0.15 to 30 MHz	3.52 dB
Radiated Disturbance, 30 to 18000 MHz	4.94 dB

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

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

The EUT is a GSM/WCDMA/LTE Phone + Bluetooth, DTS/UNII a/b/g/n and NFC.

5.2. MAXIMUM OUTPUT POWER

The transmitter has a maximum conducted output power as follows:

Frequency Range (MHz)	Mode	Output Power (dBm)	Output Power (mW)
2412 - 2462	802.11b	18.61	72.61
2412 - 2462	802.11g	21.26	133.66
2412 - 2462	802.11n HT20	18.97	78.89
5745-5825	802.11a	16.75	47.32
5745-5825	802.11n HT20	16.29	42.56
5755-5795	802.11n HT40	16.8	47.86

5.3. DESCRIPTION OF AVAILABLE ANTENNAS

The radio utilizes a PIF antenna, with a maximum gain of -0.8dBi (2.4GHz) & -1.1dBi (5.8GHz).

5.4. WORST-CASE CONFIGURATION AND MODE

Radiated emission and power line conducted emission were performed with the EUT set to transmit at the channel with highest 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.

Based on the baseline scan, the worst-case data rates were:

802.11b mode: 1 Mbps
802.11g mode: 6 Mbps
802.11a mode: 6 Mbps
802.11n HT20mode: MCS0
802.11n HT40mode: MCS0

5.5. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Support Equipment List				
Description	Manufacturer	Model	Serial Number	FCC ID
AC Adapter	LG Electronics	MCS-01WD	DB3Y0094683	N/A
Earphone	LG Electronics	N/A	N/A	N/A

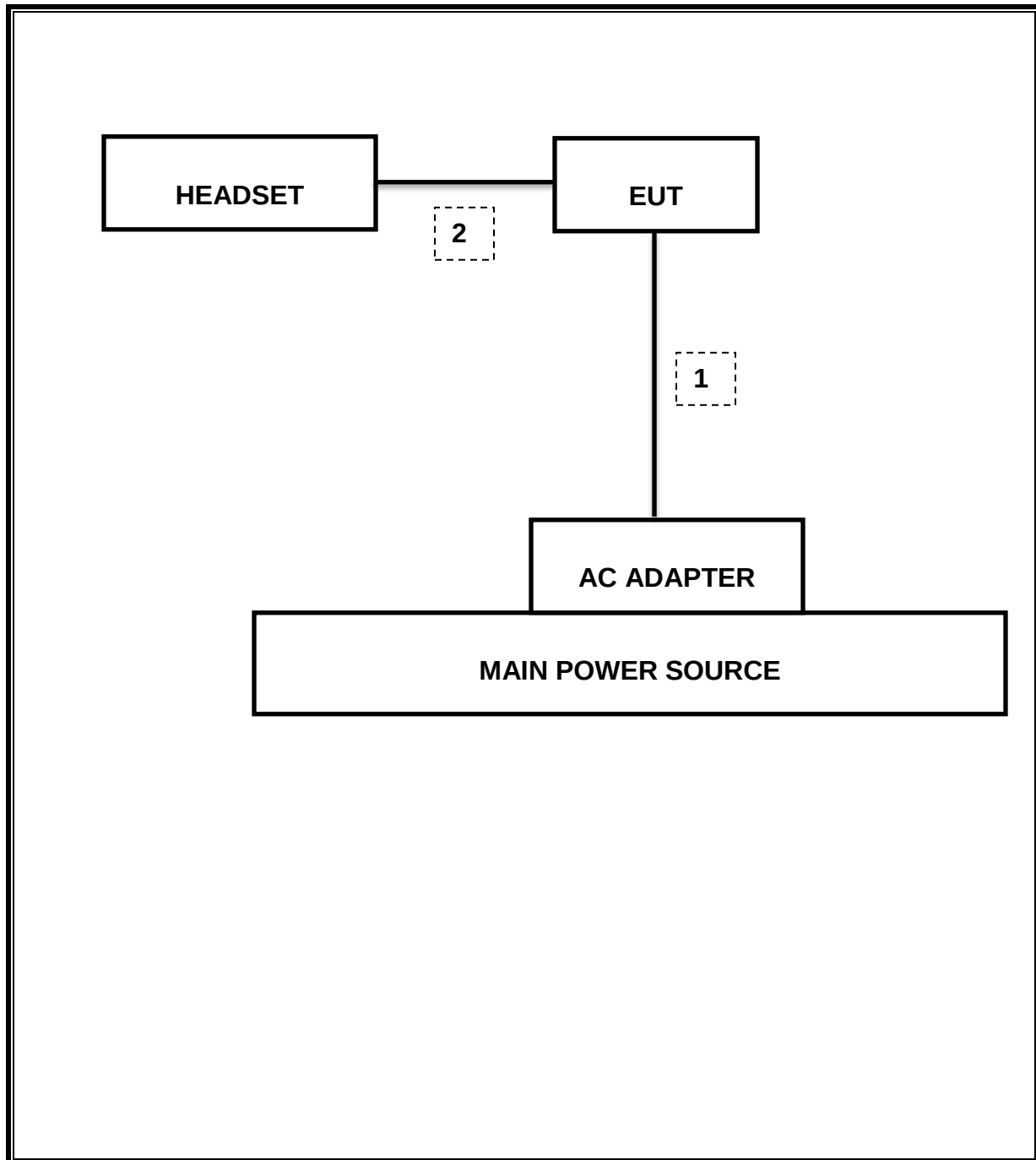
I/O CABLES

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
2	Audio	1	Mini-Jack	Unshielded	1m	N/A

TEST SETUP

The EUT is a stand-alone unit during the tests. Test software exercised the radio card.

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	Asset	Cal Due
Spectrum Analyzer, 44 GHz	Agilent / HP	E4446A	C01069	12/20/14
Spectrum Analyzer, 9KHz-40GHz	HP	8564E	C00986	04/01/15
EMI Test Receiver, 9 kHz-7 GHz	R & S	ESCI 7	1000741	08/13/14
EMI Test Receiver, 30 MHz	R & S	ESHS 20	N02396	08/18/14
Peak Power Meter	Agilent / HP	E4416A	C00963	12/13/14
Peak / Average Power Sensor	Agilent / HP	E9327A	C00964	12/13/14
Antenna, Horn, 1-18 GHz	ETS	3117	C01022	02/21/15
Antenna, Horn, 18- 26 GHz	ARA	MWH-1826/B	C00946	11/12/14
Antenna, Horn, 26-40 GHz	ARA	MWH-2640	C00891	06/28/15
Antenna, Bilog, 30MHz-1 GHz	Sunol Sciences	JB1	T243	03/06/15
RF Preamplifier, 100KHz -> 1300MHz	HP	TBD	C00825	06/01/15
RF Preamplifier, 1GHz - 18GHz	Miteq	NSP4000-SP2	924343	03/23/15
RF Preamplifier, 1GHz - 26.5GHz	HP	8449B	F00351	06/27/15
AC Power Supply, 2,500VA 45-500Hz	Elgar-Ametek	CW2501M	F00013	CNR
RF Preamplifier, 1GHz - 40GHz	Miteq	NSP4000-SP2	C00990	08/20/14
Attenuator / Switch driver	HP	11713A	F00204	CNR
Low Pass Filter 3GHz	Micro-Tronics	LPS17541	F00219	05/23/15
High Pass Filter 5GHz	Micro-Tronics	HPS17542	F00222	05/22/15
High Pass Filter 6GHz	Micro-Tronics	HPM17543	F00224	05/22/15

7. MEASUREMENT METHODS

KDB 558074 D01 DTS Meas Guidance v03r01:Measurement Procedure PK2 is used for power and PKPSD is used for power spectral density.

Unwanted emissions within Restricted Bands are measured using traditional radiated procedures.

Band edge emissions within Restricted Bands are measured using RMS with duty cycle factor offset method.

8. SUMMARY TABLE

FCC Part Section	RSS Section(s)	Test Description	Test Limit	Test Condition	Test Result	Worst Case
15.247 (a)(2)	RSS-210 A8.2(a)	Occupied Band width (6dB)	>500KHz	Conducted	Pass	see original
2.1051, 15.247 (d)	RSS-210 A8.5	Band Edge / Conducted Spurious Emission	-20dBc		Pass	see original
15.247	RSS-210 A8.4	TX conducted output power	<30dBm		Pass	see original
15.247	RSS-210 A8.2	PSD	<8dBm		Pass	see original
15.207 (a)	RSS-GEN 7.2.2	AC Power Line conducted emissions	Section 10	Radiated	Pass	see original
15.205, 15.209	RSS-210 Clause 2.6, RSS-210 Clause 6	Radiated Spurious Emission	< 54dBuV/m		Pass	42.62dBuV/m

9. RADIATED TEST RESULTS

9.1. LIMITS AND PROCEDURE

LIMITS

FCC §15.205 and §15.209

IC RSS-210 Clause 2.6 (Transmitter)

IC RSS-GEN Clause 6 (Receiver)

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. The antenna to EUT distance is 3 meters.

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.

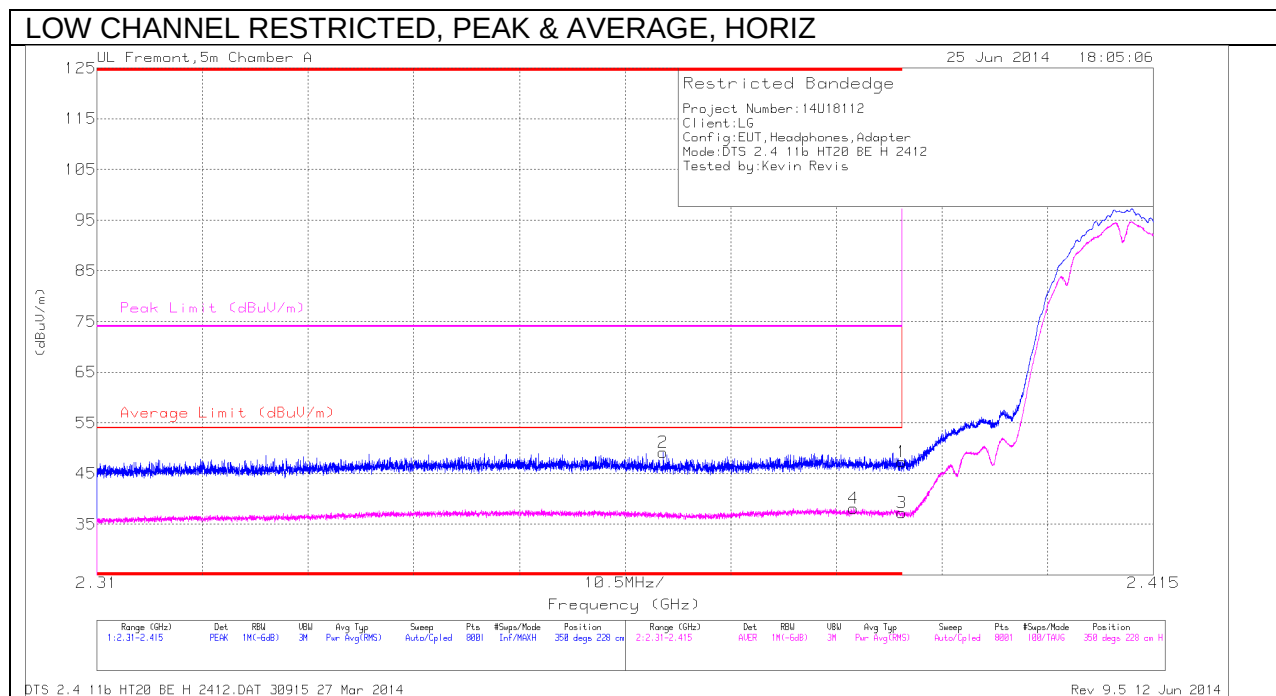
For measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and add duty cycle factor for average measurements. Duty cycle factor= $10\log(1/x)$ For this sample B mode = 0.1dB; G mode = 0.2dB; N mode = 0.25dB; a mode = 0.2dB, N HT20 = 0.2dB, N HT40 = 0.44dB.

The spectrum from 30 MHz to 40 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable 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.

9.2. TRANSMITTER ABOVE 1 GHz

9.2.1. TX ABOVE 1 GHz 802.11b MODE IN THE 2.4 GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)



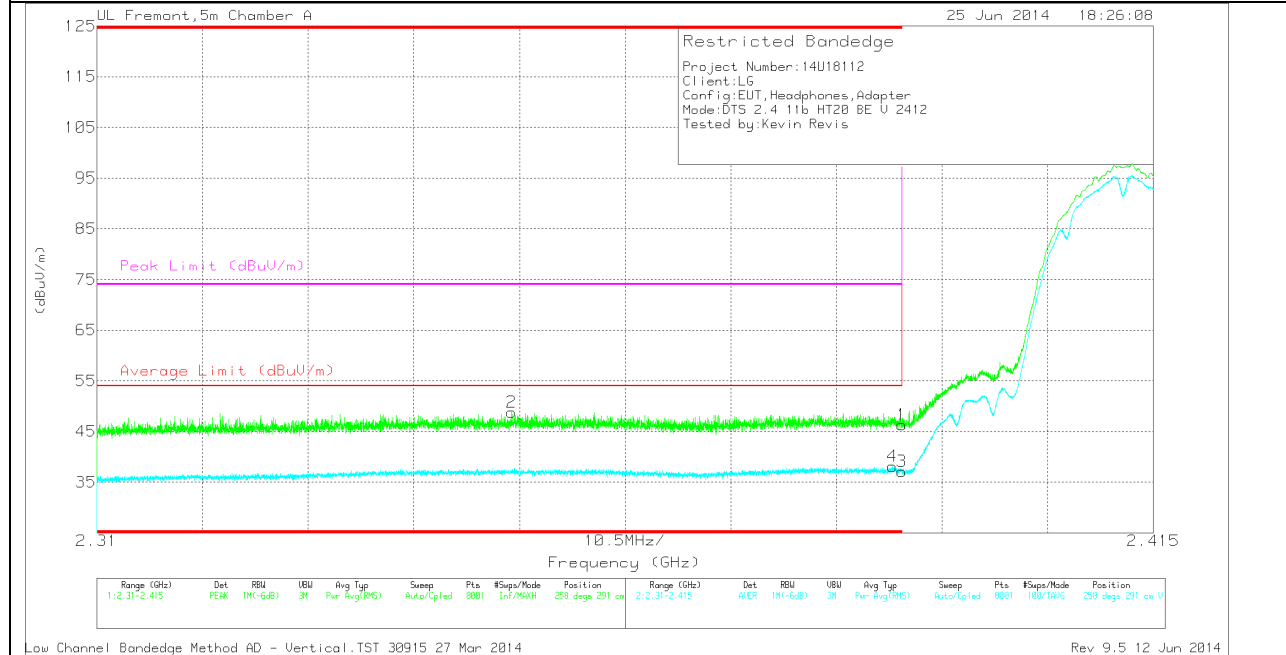
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	39.46	PK	32.2	-24.4	0	47.26	-	-	74	-26.74	350	228	H
2	* 2.366	41.35	PK	32	-24.2	0	49.15	-	-	74	-24.85	350	228	H
3	* 2.39	29.4	RMS	32.2	-24.4	.04	37.24	54	-16.76	-	-	350	228	H
4	* 2.385	29.79	RMS	32.2	-23.9	.04	38.13	54	-15.87	-	-	350	228	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

LOW CHANNEL RESTRICTED, PEAK & AVERAGE, VERT

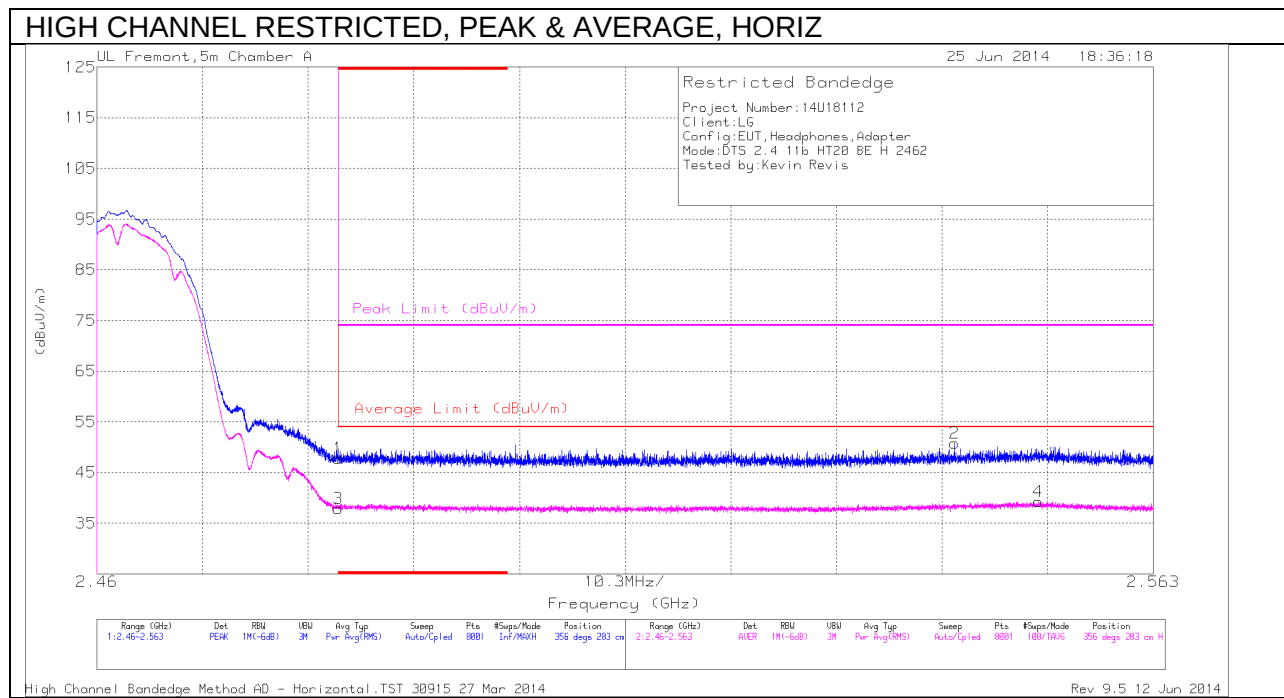


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	38.53	PK	32.2	-24.4	0	46.33	-	-	74	-27.67	258	291	V
2	* 2.351	40.64	PK	31.9	-23.7	0	48.84	-	-	74	-25.16	258	291	V
3	* 2.39	29.3	RMS	32.2	-24.4	.04	37.14	54	-16.86	-	-	258	291	V
4	* 2.389	30.14	RMS	32.2	-24.3	.04	38.08	54	-15.92	-	-	258	291	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

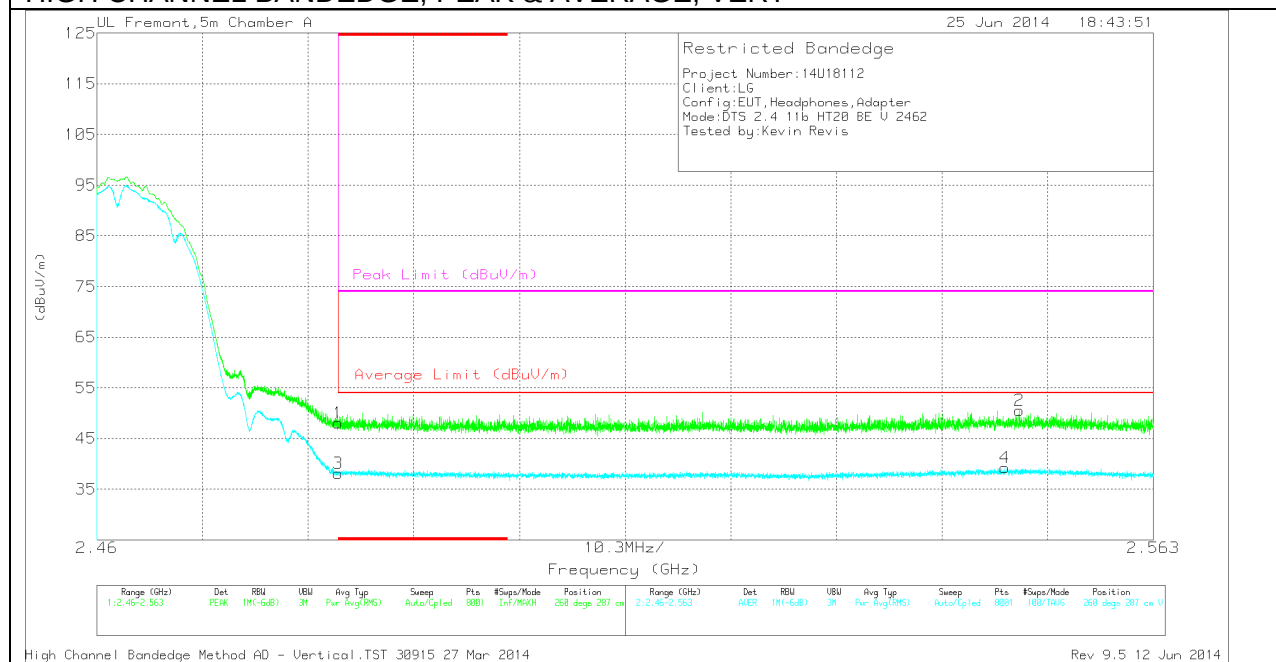
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	38.65	PK	32.7	-23.5	0	47.85	-	-	74	-26.15	356	283	H
3	* 2.484	28.64	RMS	32.7	-23.5	.04	37.88	54	-16.12	-	-	356	283	H
2	2.544	41.14	PK	32.9	-23.3	0	50.74	-	-	74	-23.26	356	283	H
4	2.552	29.44	RMS	32.9	-23.1	.04	39.28	54	-14.72	-	-	356	283	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

HIGH CHANNEL BANDEDGE, PEAK & AVERAGE, VERT



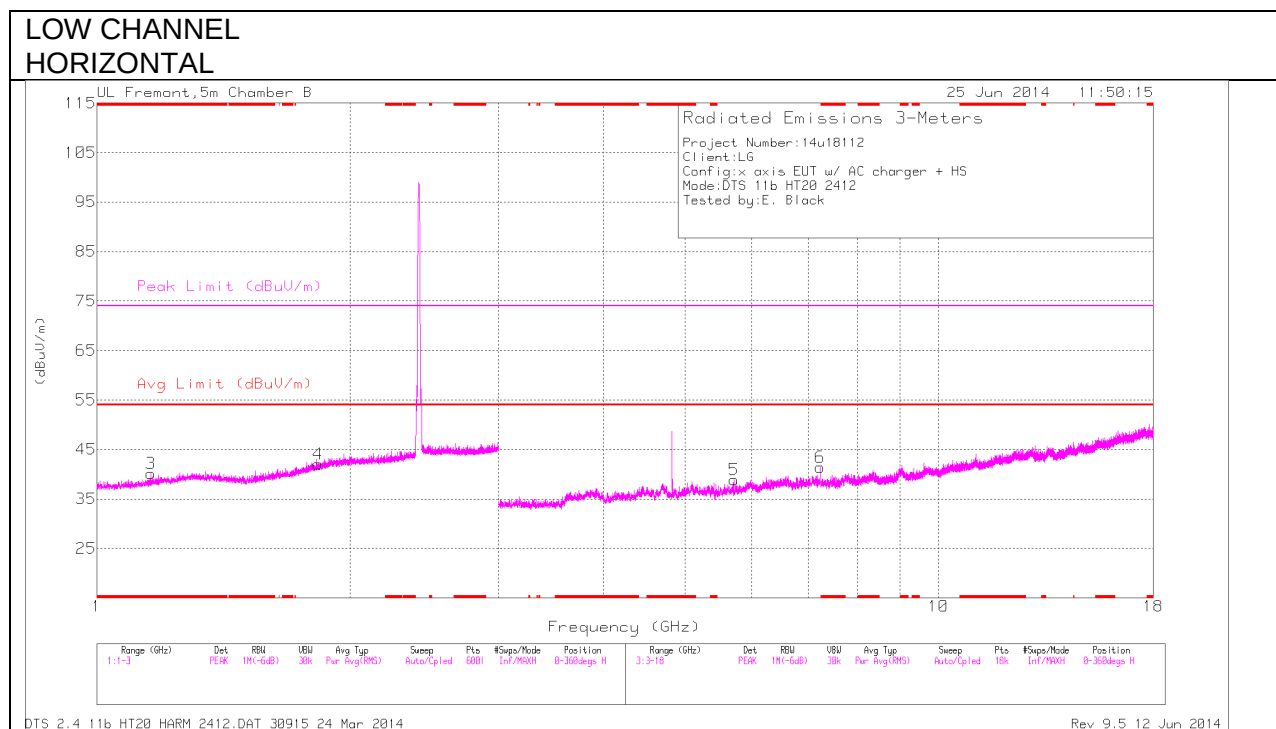
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	38.84	PK	32.7	-23.5	0	48.04	-	-	74	-25.96	260	287	V
3	* 2.484	28.92	RMS	32.7	-23.5	.04	38.16	54	-15.84	-	-	260	287	V
4	2.549	29.47	RMS	32.9	-23.2	.04	39.21	54	-14.79	-	-	260	287	V
2	2.55	40.7	PK	32.9	-23.1	0	50.5	-	-	74	-23.5	260	287	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

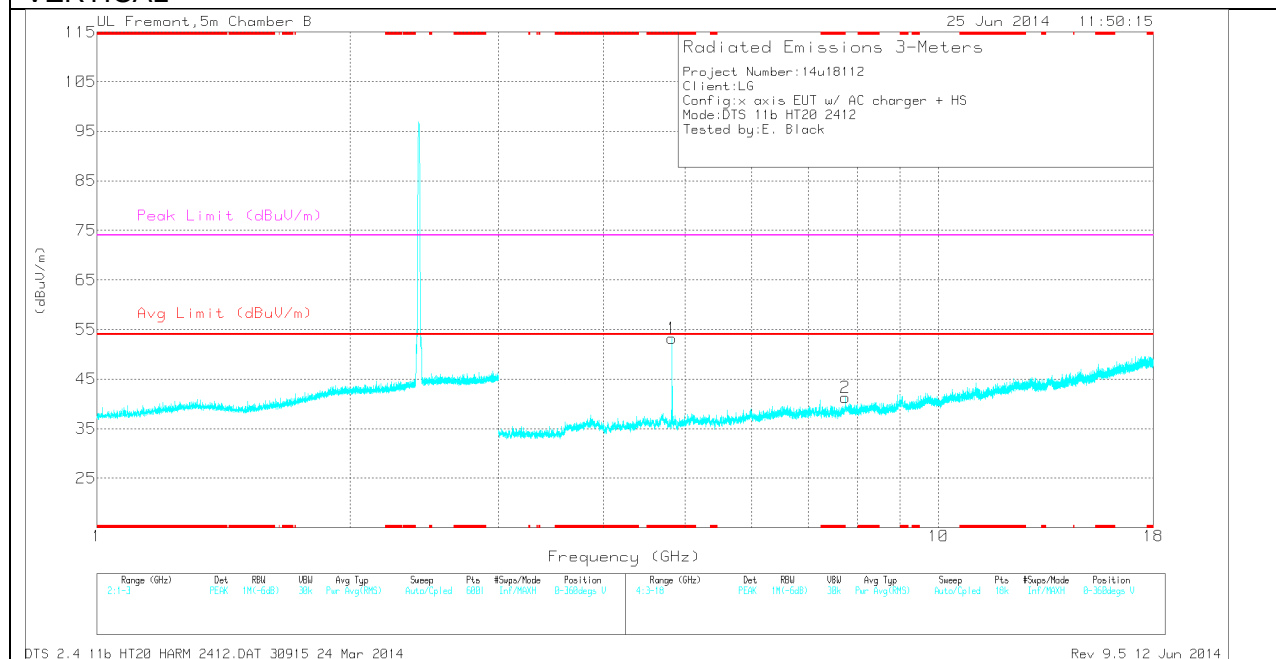
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS



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

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 1.159	36.89	PK	27.9	-24.7	40.09	-	-	74	-33.91	0-360	206	H
1	* 4.824	48.81	PK	34.2	-29.8	53.21	-	-	74	-20.79	0-360	194	V
2	* 7.746	31.83	PK	35.7	-26.2	41.33	-	-	74	-32.67	0-360	194	V
4	1.832	35.14	PK	30.5	-23.6	42.04	-	-	-	-	0-360	206	H
5	5.717	33.93	PK	34.5	-29.5	38.93	-	-	-	-	0-360	206	H
6	7.236	33.07	PK	35.6	-27.3	41.37	-	-	-	-	0-360	206	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

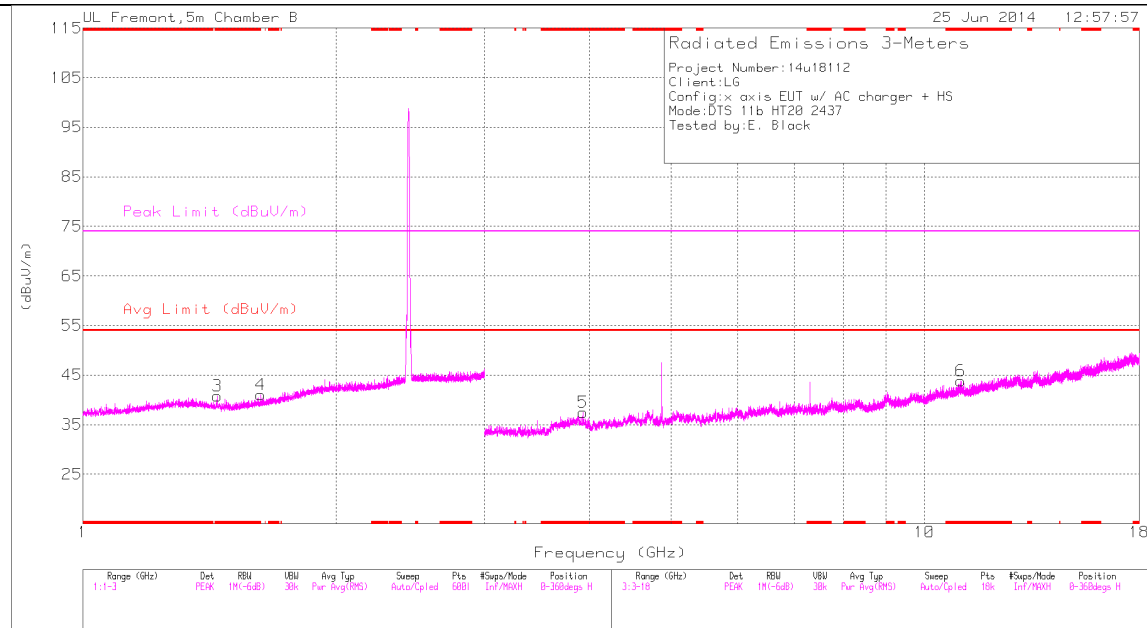
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.158	43.63	PK2	27.8	-24.7	46.73	-	-	74	-27.27	251	199	H
* 4.824	44.37	PK2	34.2	-29.8	48.77	-	-	74	-25.23	251	224	V
* 4.824	39.76	MAV1	34.2	-29.8	44.16	54	-9.84	-	-	251	224	V
* 7.746	38.19	PK2	35.7	-26.2	47.69	-	-	74	-26.31	251	190	V
1.832	43.05	PK2	30.5	-23.6	49.95	-	-	-	-	251	213	H
5.718	40.22	PK2	34.6	-29.5	45.32	-	-	-	-	251	200	H
7.237	40.37	PK2	35.6	-27.3	48.67	-	-	-	-	251	214	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MID CHANNEL HORIZONTAL

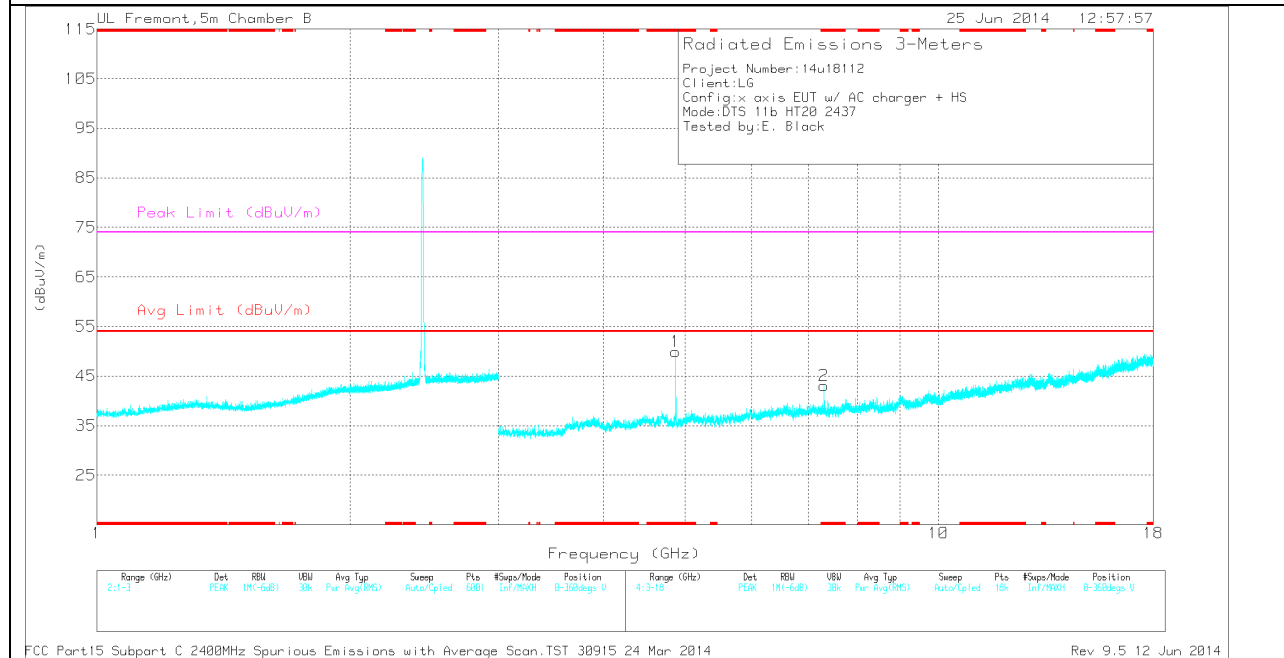


FCC Part15 Subpart C 2400MHz Spurious Emissions with Average Scan.TST 30915 24 Mar 2014

Rev 9.5 12 Jun 2014

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

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 1.444	36.77	PK	28.3	-24.3	40.77	-	-	74	-33.23	0-360	206	H
4	* 1.626	36.33	PK	28.6	-23.9	41.03	-	-	74	-32.97	0-360	206	H
5	* 3.932	34.25	PK	33.7	-30.5	37.45	-	-	74	-36.55	0-360	195	H
6	* 11.042	28.02	PK	37.8	-22	43.82	-	-	74	-30.18	0-360	195	H
1	* 4.874	46.2	PK	34.2	-30.5	49.9	-	-	74	-24.1	0-360	99	V
2	* 7.31	35.52	PK	35.6	-28.1	43.02	-	-	74	-30.98	0-360	99	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

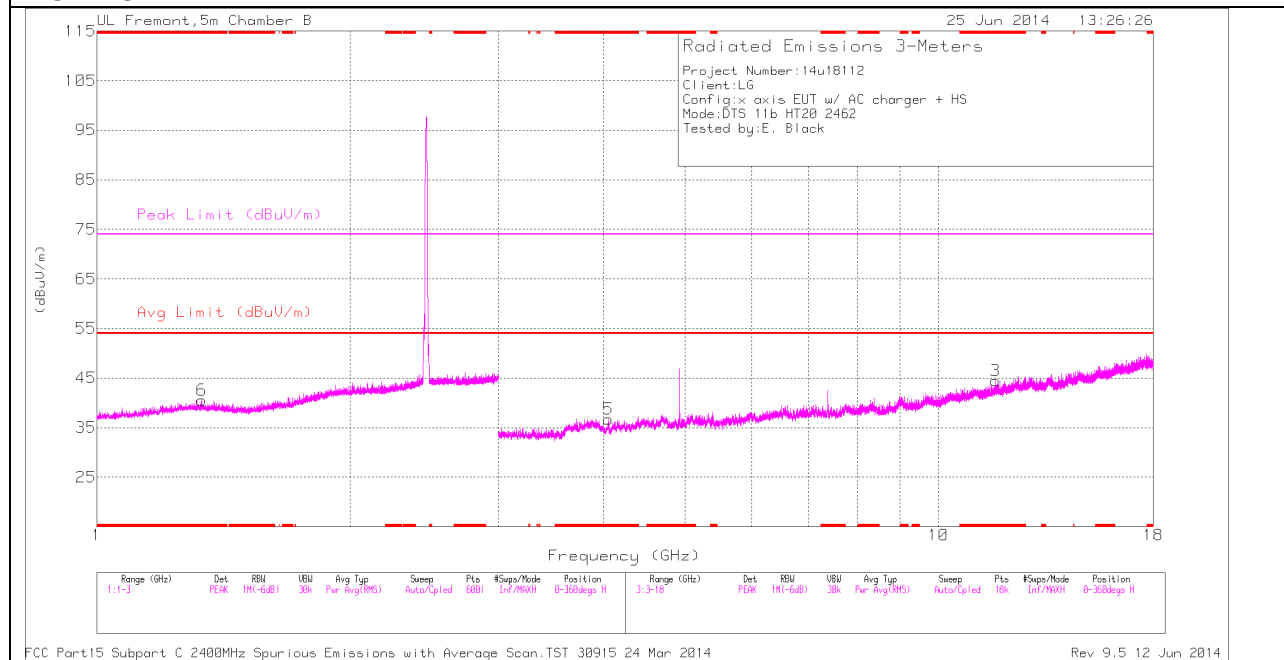
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.445	44.07	PK2	28.2	-24.3	47.97	-	-	74	-26.03	295	200	H
* 1.626	43.24	PK2	28.6	-23.9	47.94	-	-	74	-26.06	295	213	H
* 3.931	41.53	PK2	33.7	-30.5	44.73	-	-	74	-29.27	295	188	H
* 11.043	35.01	PK2	37.8	-22	50.81	-	-	74	-23.19	295	202	H
* 4.874	49.15	PK2	34.2	-30.5	52.85	-	-	74	-21.15	93	231	V
* 4.874	45.79	MAV1	34.2	-30.5	49.49	54	-4.51	-	-	93	231	V
* 7.311	39.44	PK2	35.6	-28.1	46.94	-	-	74	-27.06	295	257	V
* 7.312	27.8	MAV1	35.6	-28.1	35.3	54	-18.7	-	-	295	257	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

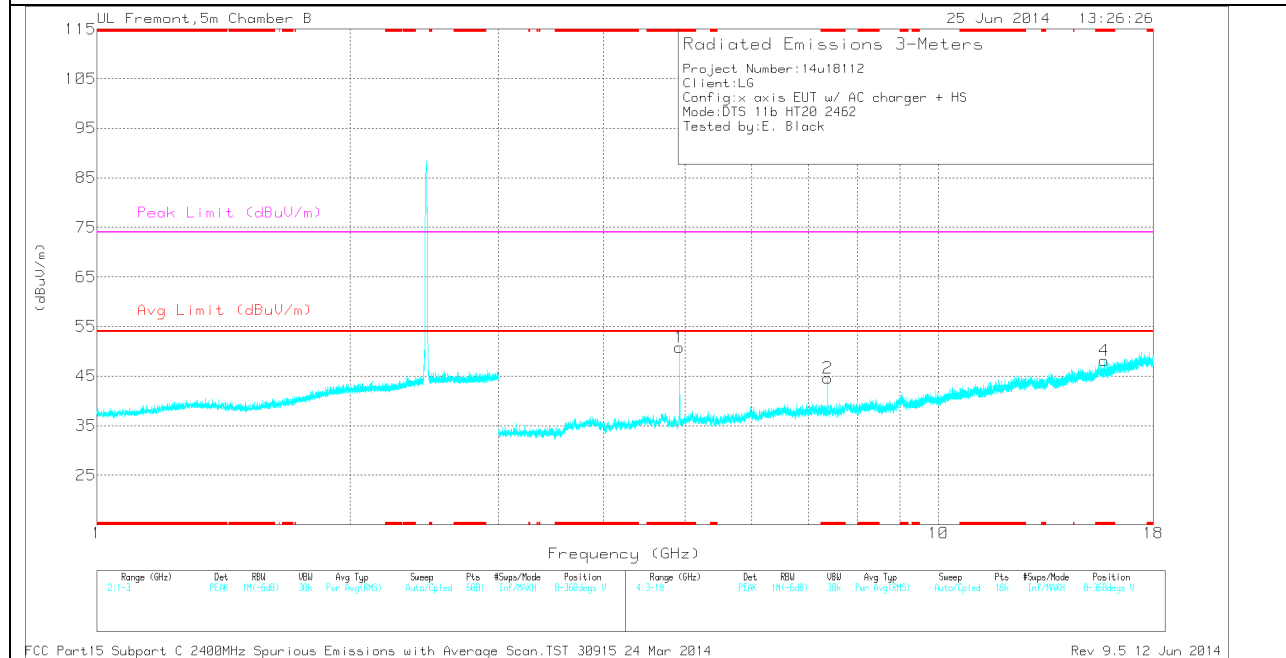
PK2 - KDB558074 Method: Maximum Peak

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

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 1.331	36.27	PK	28.7	-24.5	40.47	-	-	74	-33.53	0-360	99	H
3	* 11.685	27.59	PK	38.2	-21.3	44.49	-	-	74	-29.51	0-360	99	H
5	* 4.054	33.99	PK	33.6	-30.9	36.69	-	-	74	-37.31	0-360	196	H
1	* 4.924	47.43	PK	34.2	-30.8	50.83	-	-	74	-23.17	0-360	99	V
2	* 7.385	36.34	PK	35.6	-27.4	44.54	-	-	74	-29.46	0-360	209	V
4	* 15.729	27.81	PK	40.7	-20.4	48.11	-	-	74	-25.89	0-360	99	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

Radiated Emissions

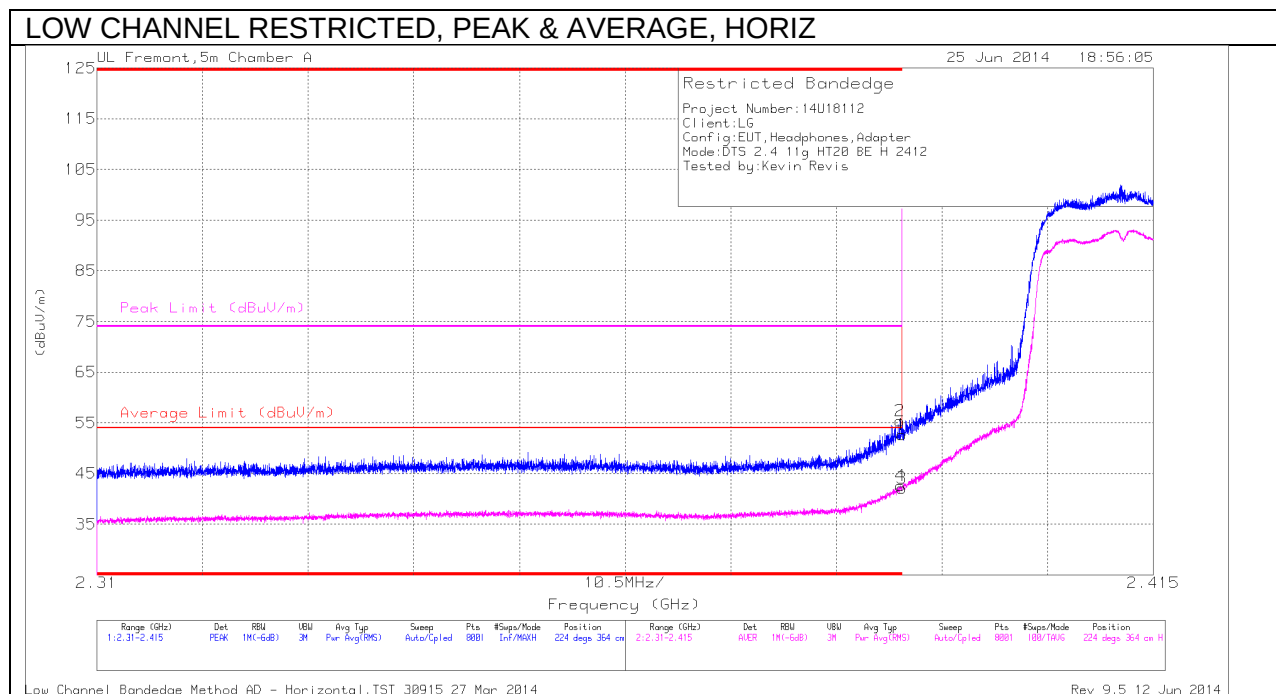
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.333	43.47	PK2	28.7	-24.5	47.67	-	-	74	-26.33	23	100	H
* 11.683	34.07	PK2	38.2	-21.3	50.97	-	-	74	-23.03	23	100	H
* 4.054	40.58	PK2	33.6	-30.9	43.28	-	-	74	-30.72	23	203	H
* 4.924	48.61	PK2	34.2	-30.8	52.01	-	-	74	-21.99	99	253	V
* 4.924	44.72	MAV1	34.2	-30.8	48.12	54	-5.88	-	-	99	253	V
* 7.383	39.13	PK2	35.6	-27.4	47.33	-	-	74	-26.67	23	241	V
* 7.387	28.13	MAV1	35.6	-27.3	36.43	54	-17.57	-	-	23	241	V
* 15.728	33.64	PK2	40.7	-20.4	53.94	-	-	74	-20.06	23	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

9.2.2. TX ABOVE 1 GHz 802.11g MODE IN THE 2.4 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



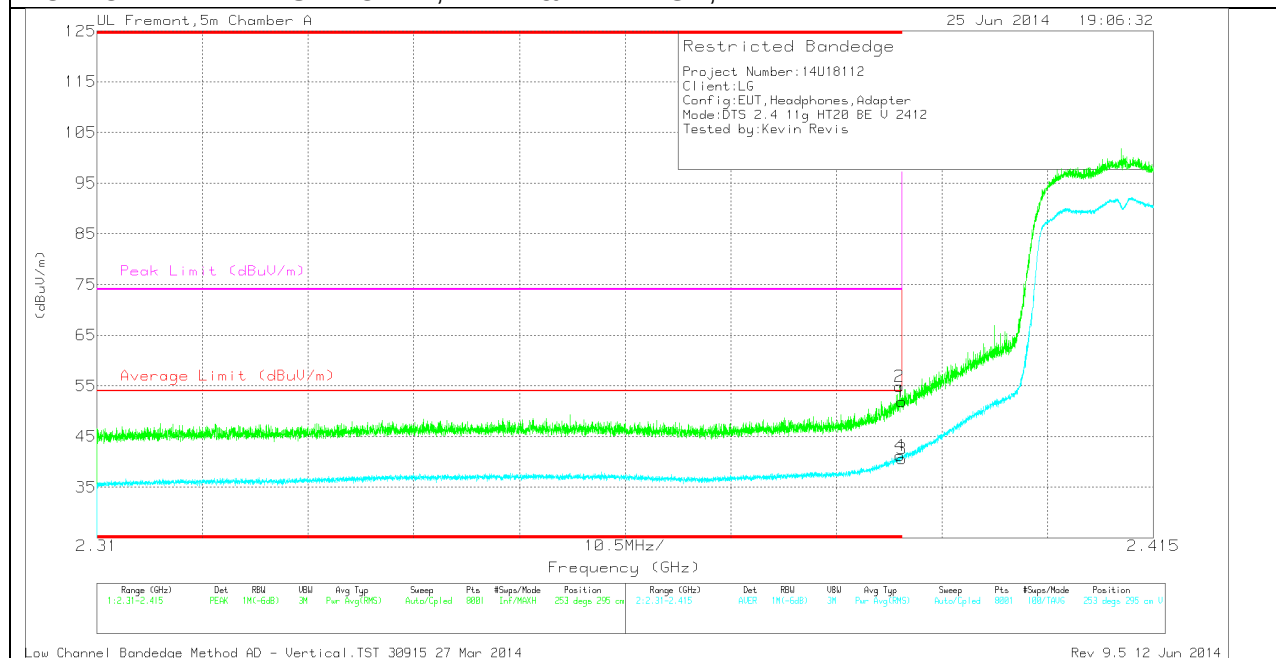
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.82	PK	32.2	-24.4	0	52.62	-	-	74	-21.38	224	364	H
2	* 2.39	47.54	PK	32.2	-24.4	0	55.34	-	-	74	-18.66	224	364	H
3	* 2.39	34.09	RMS	32.2	-24.4	.2	42.09	54	-11.91	-	-	224	364	H
4	* 2.39	34.62	RMS	32.2	-24.4	.2	42.62	54	-11.38	-	-	224	364	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

LOW CHANNEL RESTRICTED, PEAK & AVERAGE, VERT



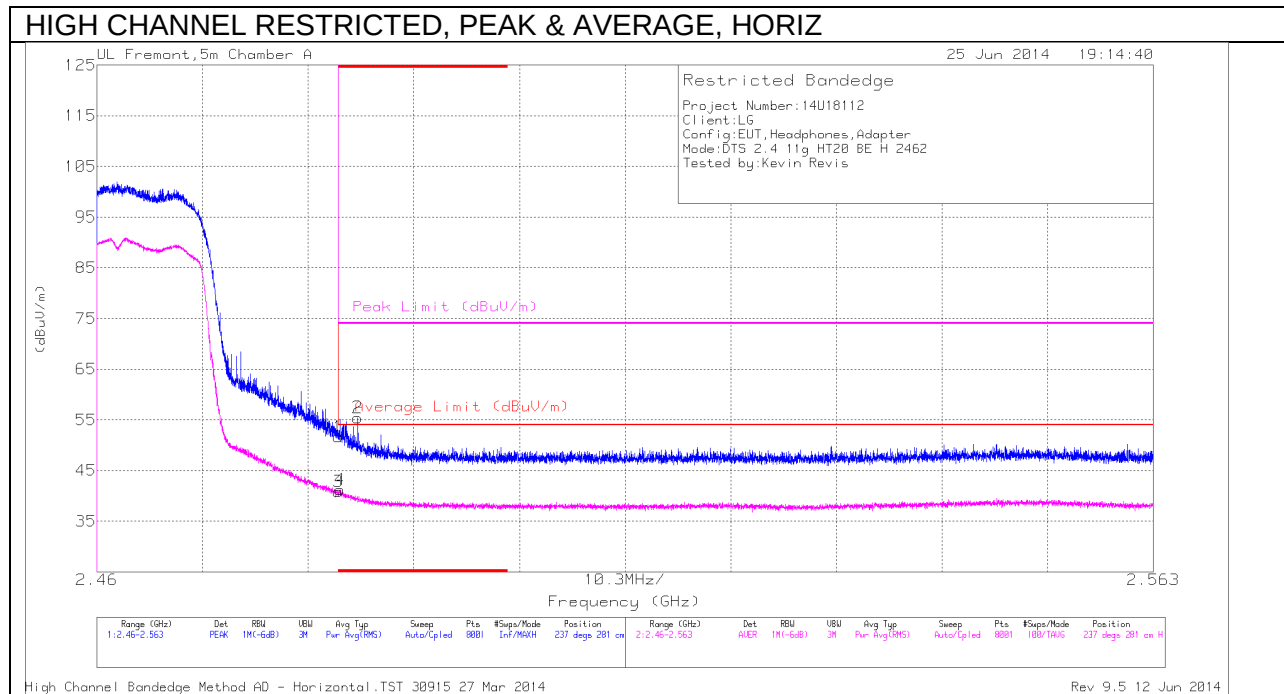
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.11	PK	32.2	-24.4	0	51.91	-	-	74	-22.09	253	295	V
2	* 2.39	47.1	PK	32.2	-24.4	0	54.9	-	-	74	-19.1	253	295	V
3	* 2.39	32.59	RMS	32.2	-24.4	.2	40.59	54	-13.41	-	-	253	295	V
4	* 2.39	33.23	RMS	32.2	-24.4	.2	41.23	54	-12.77	-	-	253	295	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)



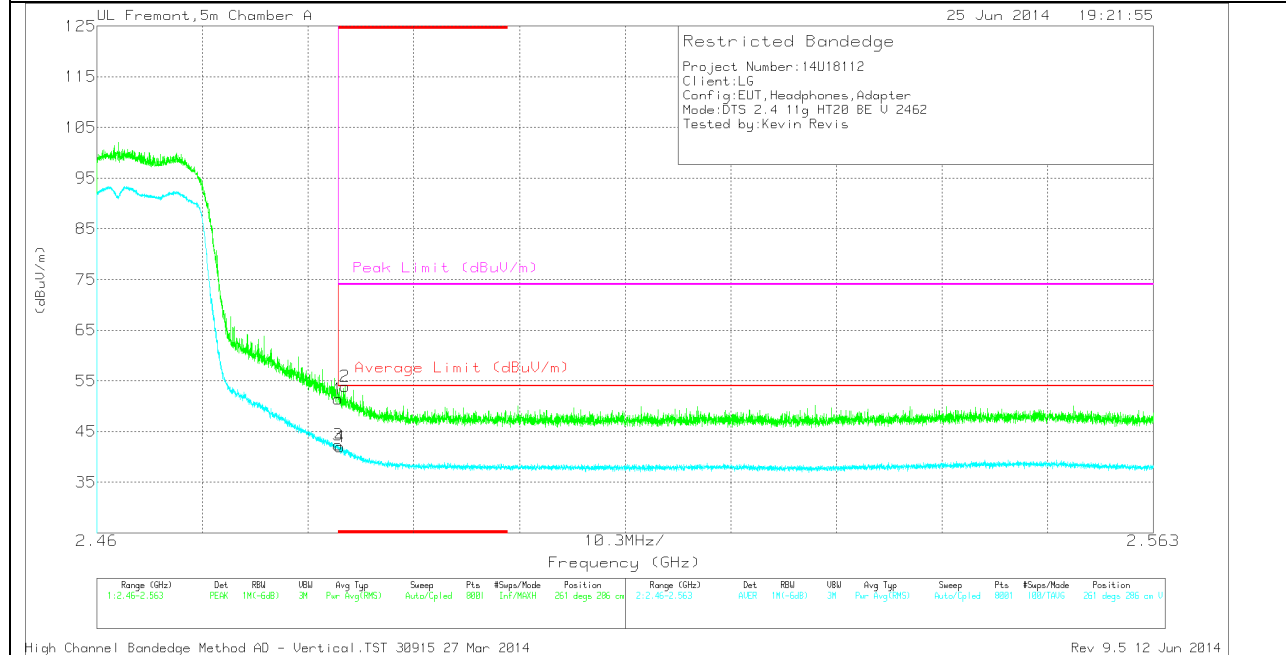
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.44	PK	32.7	-23.5	0	51.64	-	-	74	-22.36	237	281	H
2	* 2.485	46.24	PK	32.7	-23.5	0	55.44	-	-	74	-18.56	237	281	H
3	* 2.484	31.47	RMS	32.7	-23.5	.2	40.87	54	-13.13	-	-	237	281	H
4	* 2.484	31.83	RMS	32.7	-23.5	.2	41.23	54	-12.77	-	-	237	281	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

HIGH CHANNEL BANDEDGE, PEAK & AVERAGE, VERT



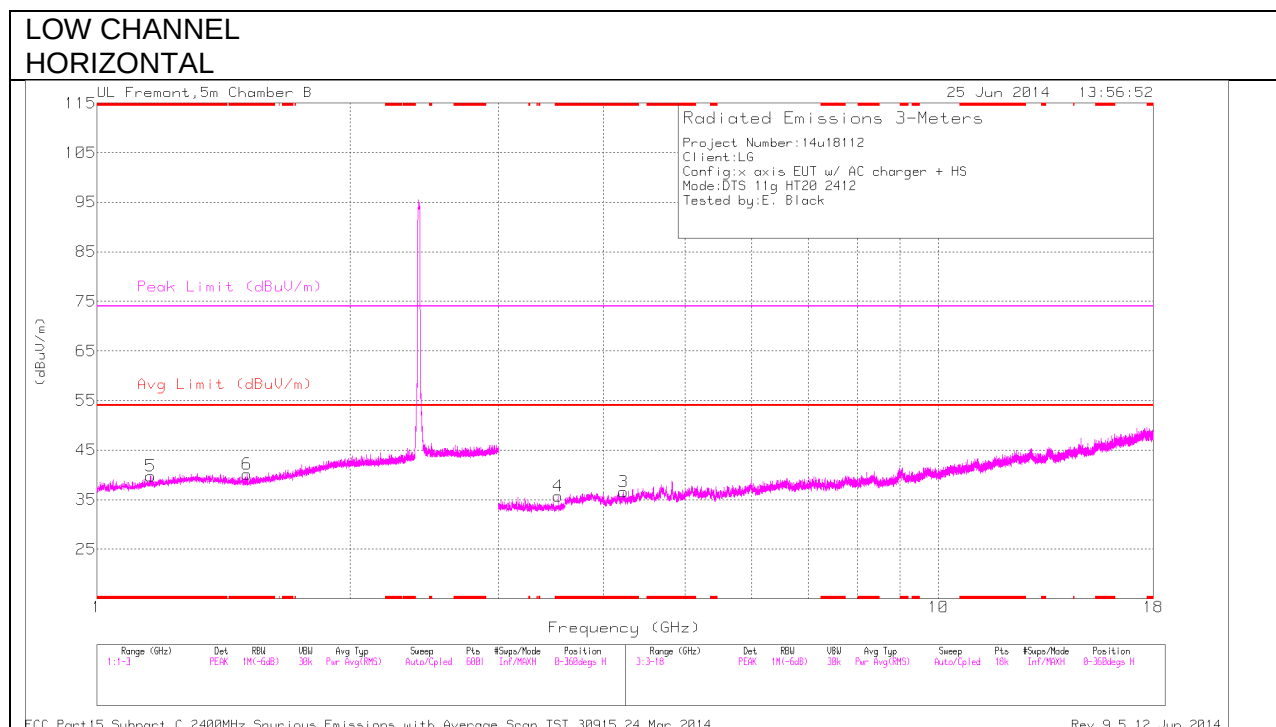
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.25	PK	32.7	-23.5	0	51.45	-	-	74	-22.55	261	286	V
2	* 2.484	44.65	PK	32.7	-23.5	0	53.85	-	-	74	-20.15	261	286	V
3	* 2.484	32.98	RMS	32.7	-23.5	.2	42.38	54	-11.62	-	-	261	286	V
4	* 2.484	32.6	RMS	32.7	-23.5	.2	42	54	-12	-	-	261	286	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

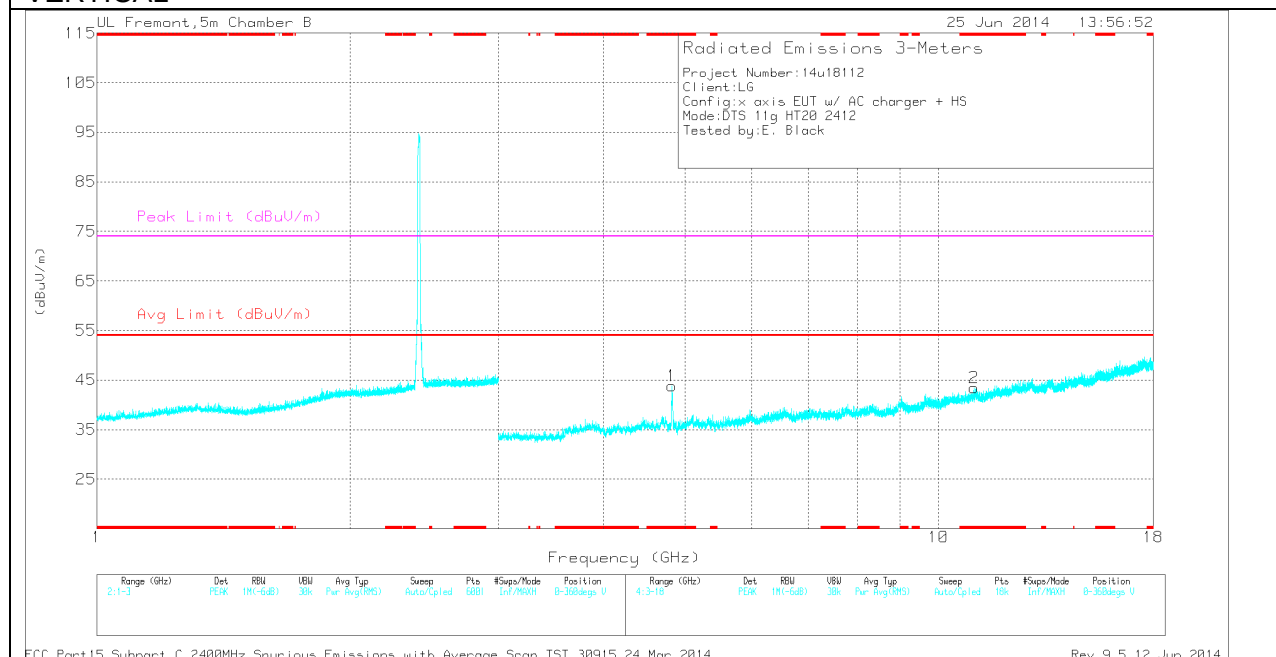
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS



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

Marker	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
5	* 1.158	36.59	PK	27.9	-24.7	0	39.79	-	-	74	-34.21	0-360	99	H
6	* 1.508	36.21	PK	28	-24.1	0	40.11	-	-	74	-33.89	0-360	207	H
3	* 4.225	33.05	PK	33.6	-30.1	0	36.55	-	-	74	-37.45	0-360	99	H
4	* 3.532	34.21	PK	32.9	-31.4	0	35.71	-	-	74	-38.29	0-360	206	H
1	* 4.824	39.45	PK	34.2	-29.8	0	43.85	-	-	74	-30.15	0-360	196	V
2	* 11.03	28	PK	37.8	-22.3	0	43.5	-	-	74	-30.5	0-360	99	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

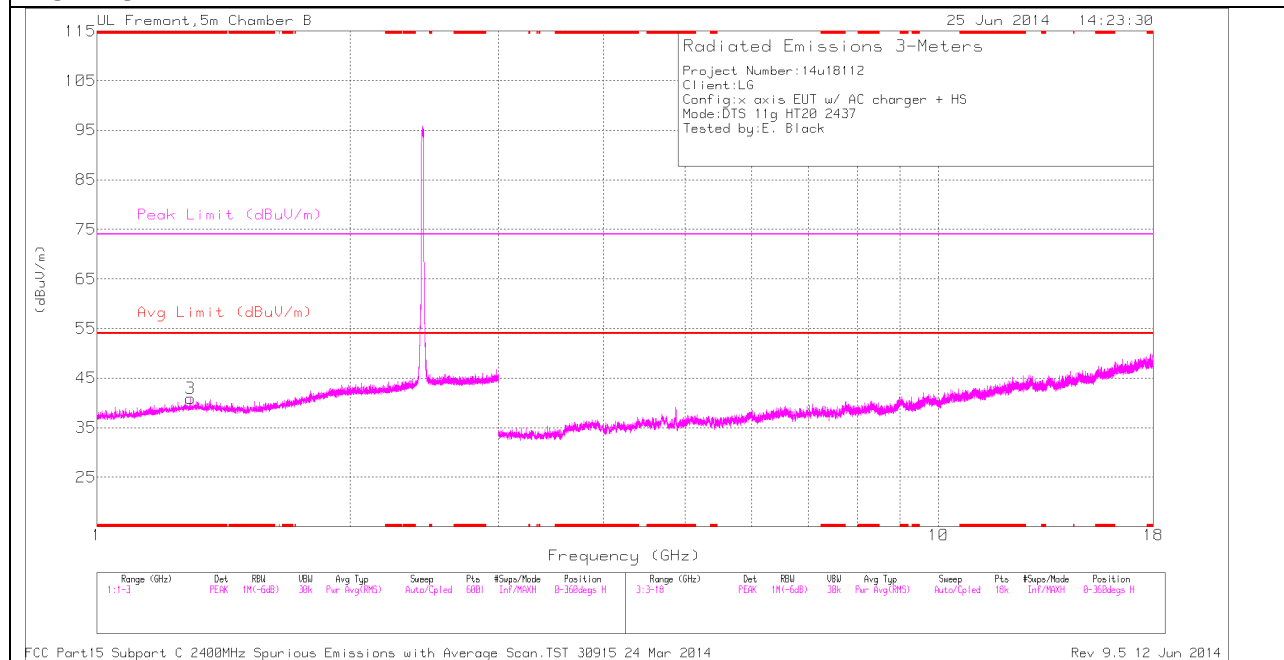
Radiated Emissions

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
* 1.157	43.48	PK2	27.8	-24.7	0	46.58	-	-	74	-27.42	193	100	H
* 1.506	43.6	PK2	27.9	-24.1	0	47.4	-	-	74	-26.6	193	214	H
* 4.225	41.19	PK2	33.6	-30.1	0	44.69	-	-	74	-29.31	193	100	H
* 3.533	41.03	PK2	32.9	-31.4	0	42.53	-	-	74	-31.47	193	214	H
* 4.824	44.13	PK2	34.2	-29.8	0	48.53	-	-	74	-25.47	193	208	V
* 4.824	31.42	MAV1	34.2	-29.8	0.2	35.82	54	-18.18	-	-	193	208	V
* 11.028	34.47	PK2	37.8	-22.3	0	49.97	-	-	74	-24.03	193	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

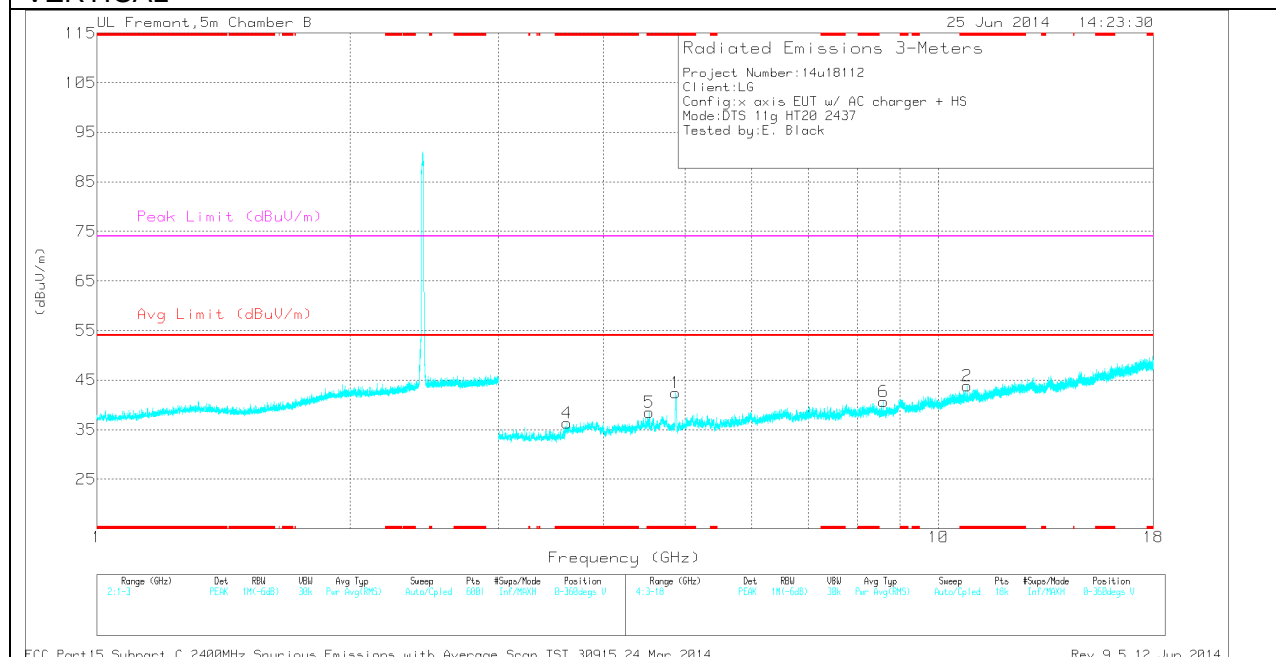
PK2 - KDB558074 Method: Maximum Peak

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

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/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
3	* 1.292	36.64	PK	28.8	-24.5	0	40.94	-	-	74	-33.06	0-360	195	H
1	* 4.874	38.74	PK	34.2	-30.5	0	42.44	-	-	74	-31.56	0-360	208	V
2	* 10.819	28.85	PK	37.8	-22.8	0	43.85	-	-	74	-30.15	0-360	99	V
4	* 3.62	34.11	PK	33.2	-31	0	36.31	-	-	74	-37.69	0-360	99	V
5	* 4.528	34.19	PK	34.1	-29.8	0	38.49	-	-	74	-35.51	0-360	99	V
6	8.611	30.35	PK	35.8	-25.5	0	40.65	-	-	-	-	0-360	208	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

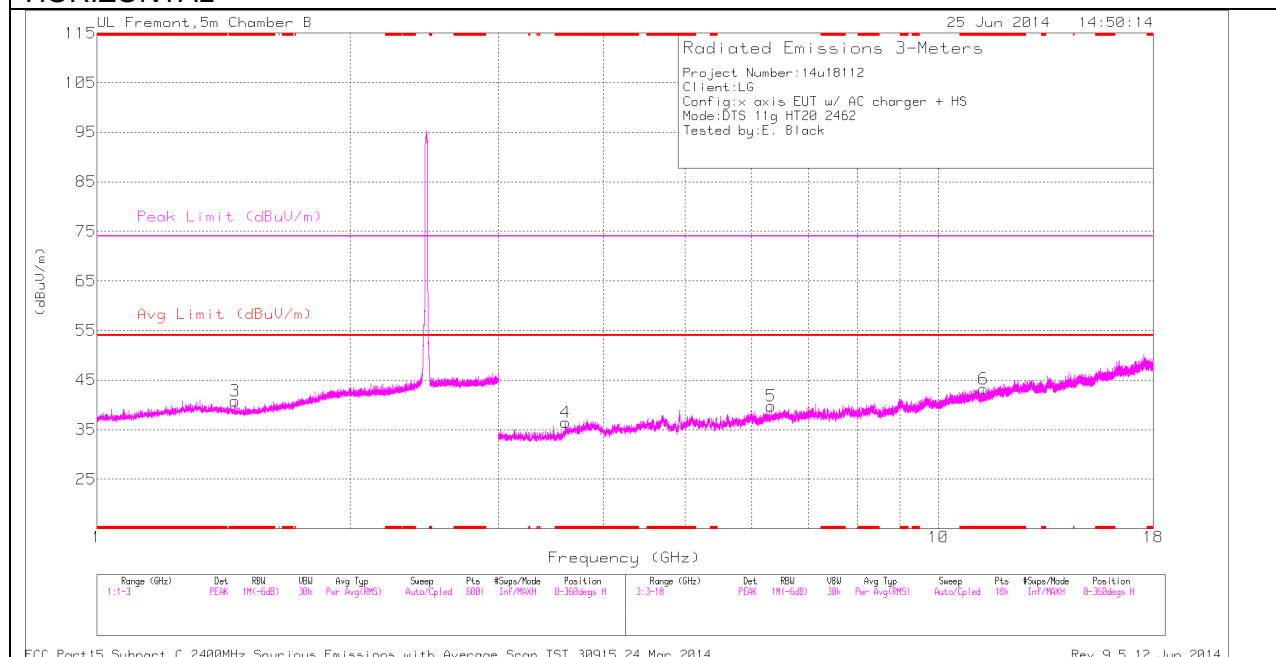
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/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
* 1.292	44.27	PK2	28.8	-24.5	0	48.57	-	-	74	-25.43	336	187	H
* 4.874	44.95	PK2	34.2	-30.5	0	48.65	-	-	74	-25.35	336	243	V
* 4.874	33.33	MAV1	34.2	-30.5	0.2	37.03	54	-16.97	-	-	336	243	V
* 10.82	34.91	PK2	37.8	-22.8	0	49.91	-	-	74	-24.09	336	100	V
* 3.621	40.48	PK2	33.2	-31	0	42.68	-	-	74	-31.32	336	100	V
* 4.526	40.3	PK2	34	-29.8	0	44.5	-	-	74	-29.5	336	100	V
8.612	36.84	PK2	35.8	-25.5	0	47.14	-	-	-	-	336	214	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

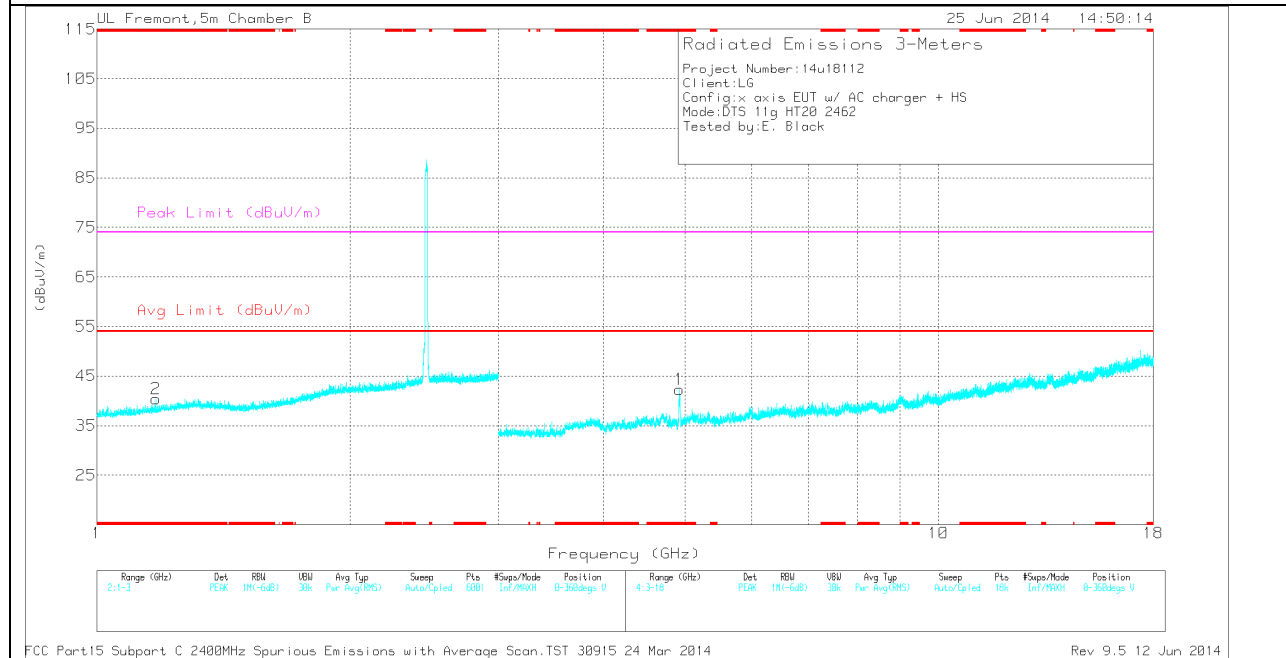
PK2 - KDB558074 Method: Maximum Peak

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

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
3	* 1.458	36.85	PK	28.2	-24.3	0	40.75	-	-	74	-33.25	0-360	99	H
2	* 1.175	37.08	PK	28	-24.7	0	40.38	-	-	74	-33.62	0-360	99	V
4	* 3.607	34.34	PK	33.1	-31	0	36.44	-	-	74	-37.56	0-360	193	H
6	* 11.312	26.94	PK	38	-21.8	0	43.14	-	-	74	-30.86	0-360	99	H
1	* 4.926	38.91	PK	34.2	-30.8	0	42.31	-	-	74	-31.69	0-360	206	V
5	6.327	32.81	PK	35.5	-28.6	0	39.71	-	-	-	-	0-360	99	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

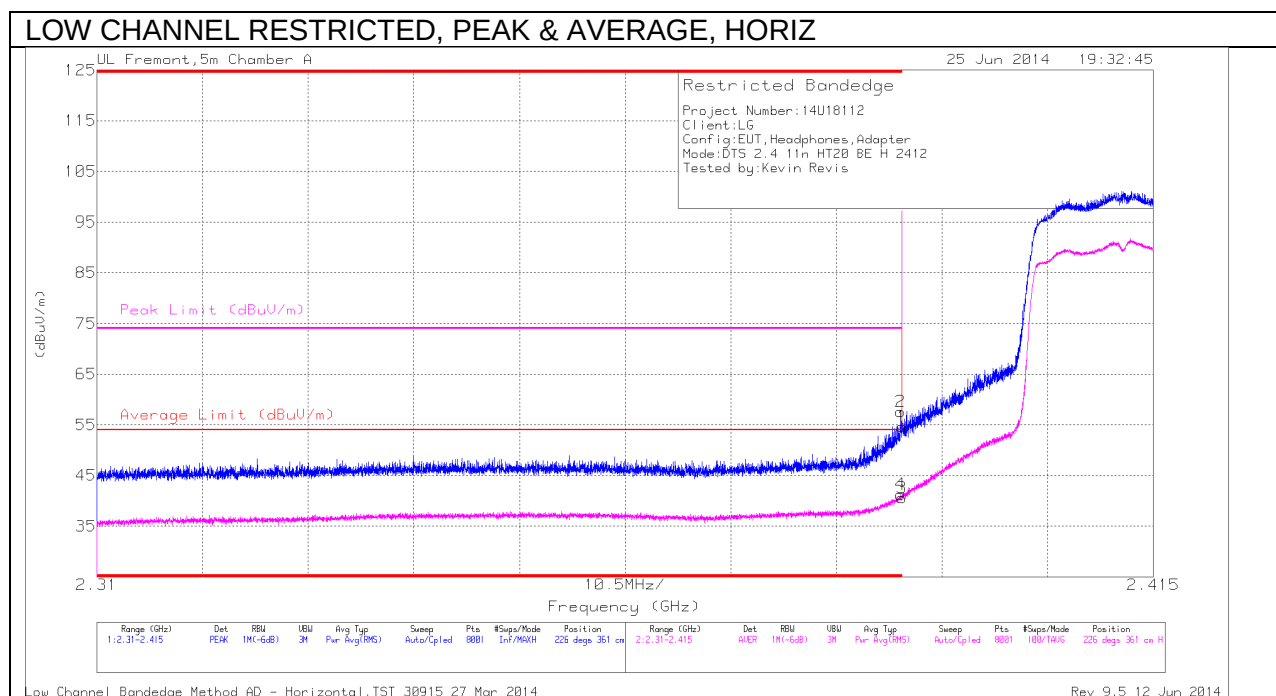
Radiated Emissions

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
* 1.46	43.5	PK2	28.2	-24.3	0	47.4	-	-	74	-26.6	339	100	H
* 1.175	43.24	PK2	28	-24.7	0	46.54	-	-	74	-27.46	339	100	V
* 3.607	41.29	PK2	33.1	-31	0	43.39	-	-	74	-30.61	339	201	H
* 11.313	33.97	PK2	38	-21.8	0	50.17	-	-	74	-23.83	339	100	H
* 4.925	44.38	PK2	34.2	-30.8	0	47.78	-	-	74	-26.22	339	238	V
* 4.924	33.26	MAV1	34.2	-30.8	0.2	36.66	54	-17.34	-	-	339	238	V
6.327	40.11	PK2	35.5	-28.6	0	47.01	-	-	-	-	339	100	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

9.2.3. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 2.4 GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)



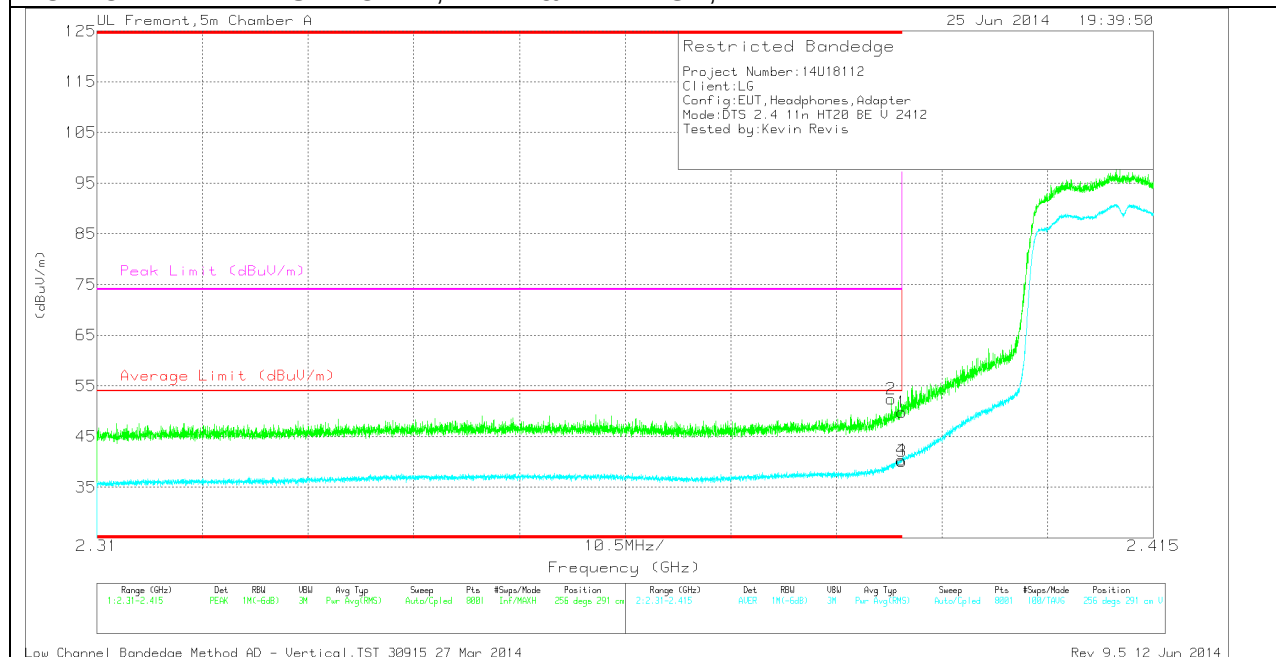
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	46.79	PK	32.2	-24.4	0	54.59	-	-	74	-19.41	226	361	H
2	* 2.39	49.81	PK	32.2	-24.4	0	57.61	-	-	74	-16.39	226	361	H
3	* 2.39	32.56	RMS	32.2	-24.4	.25	40.61	54	-13.39	-	-	226	361	H
4	* 2.39	33.24	RMS	32.2	-24.4	.25	41.29	54	-12.71	-	-	226	361	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

LOW CHANNEL RESTRICTED, PEAK & AVERAGE, VERT



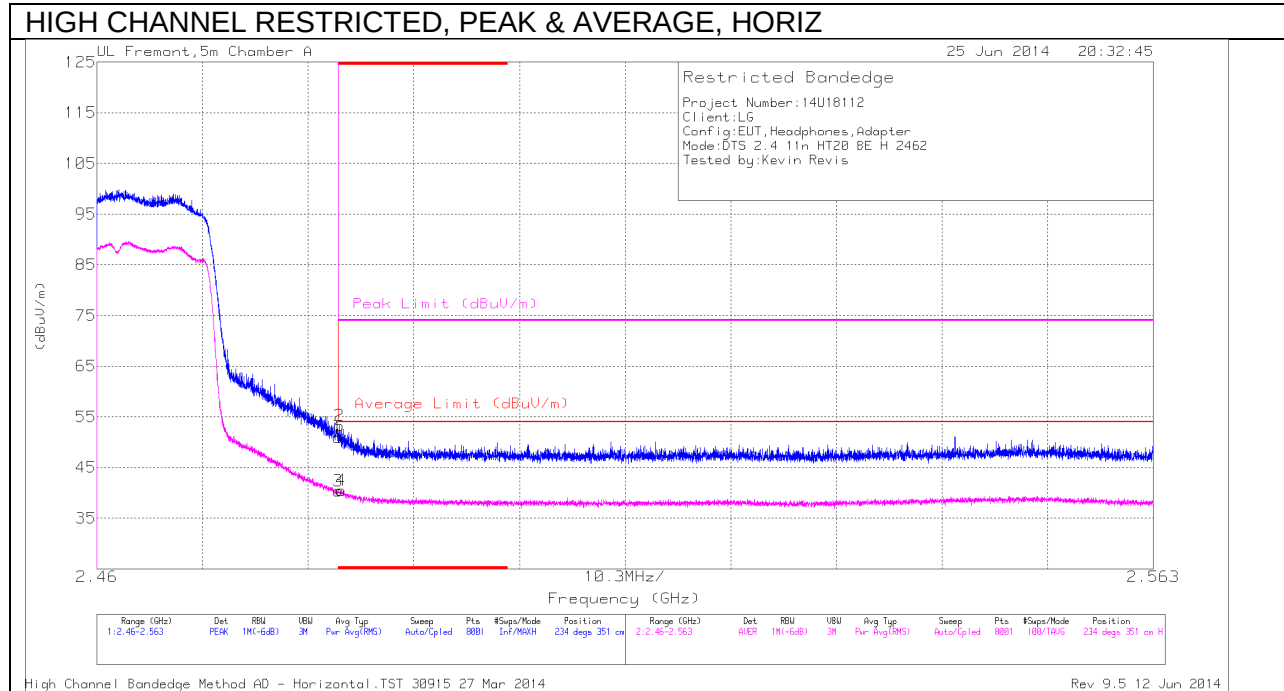
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	41.94	PK	32.2	-24.4	0	49.74	-	-	74	-24.26	256	291	V
2	* 2.389	44.45	PK	32.2	-24.3	0	52.35	-	-	74	-21.65	256	291	V
3	* 2.39	32.06	RMS	32.2	-24.4	.25	40.11	54	-13.89	-	-	256	291	V
4	* 2.39	32.36	RMS	32.2	-24.4	.25	40.41	54	-13.59	-	-	256	291	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)



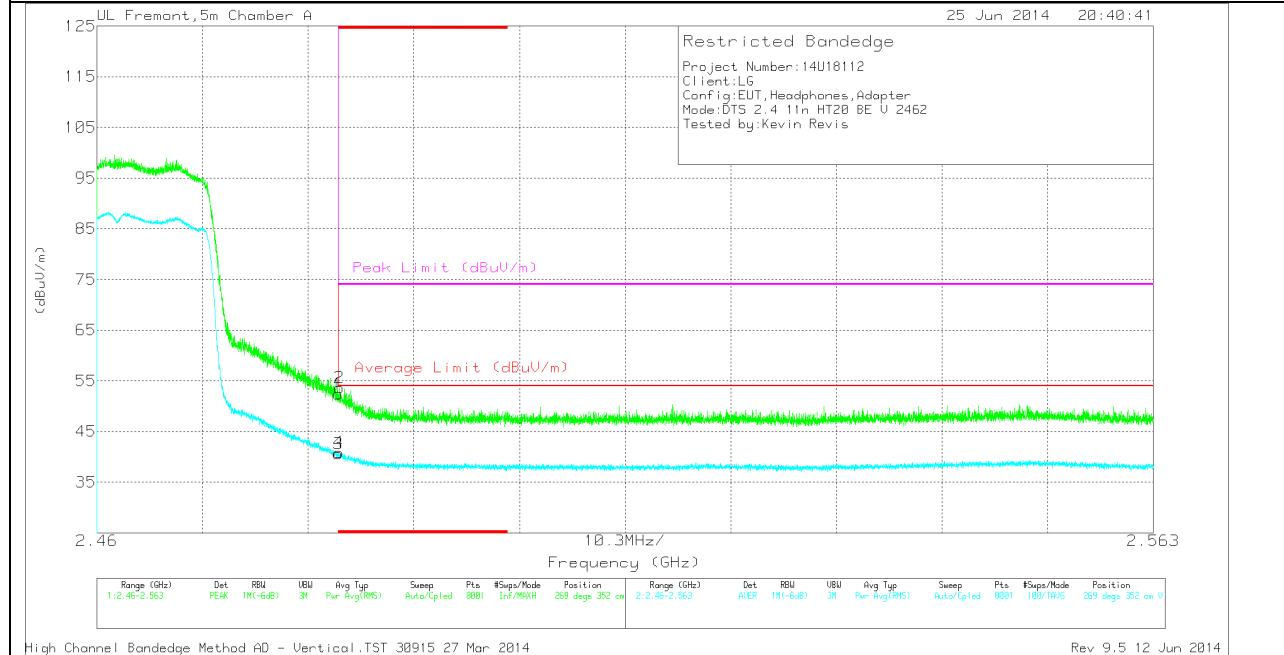
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	41.67	PK	32.7	-23.5	0	50.87	-	-	74	-23.13	234	351	H
2	* 2.484	44.07	PK	32.7	-23.5	0	53.27	-	-	74	-20.73	234	351	H
3	* 2.484	30.89	RMS	32.7	-23.5	.25	40.34	54	-13.66	-	-	234	351	H
4	* 2.484	31.03	RMS	32.7	-23.5	.25	40.48	54	-13.52	-	-	234	351	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

HIGH CHANNEL BANDEDGE, PEAK & AVERAGE, VERT



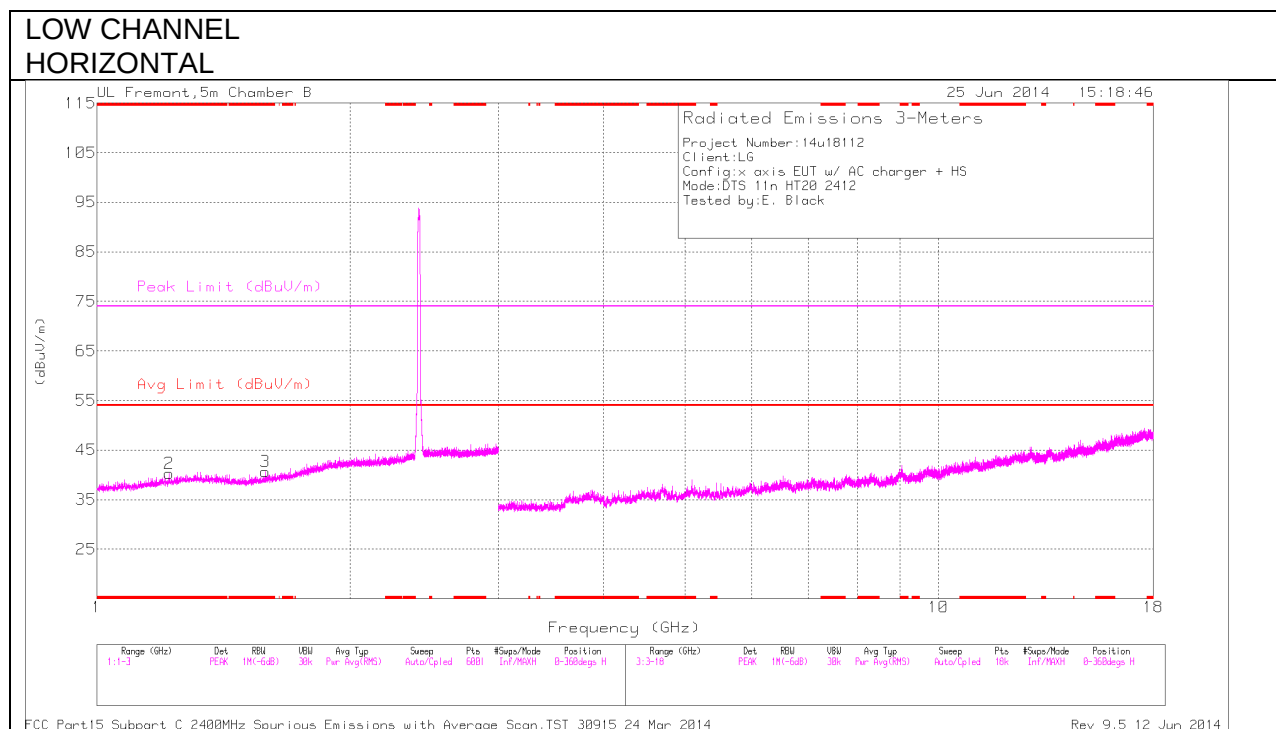
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	43.24	PK	32.7	-23.5	0	52.44	-	-	74	-21.56	269	352	V
2	* 2.484	44.4	PK	32.7	-23.5	0	53.6	-	-	74	-20.4	269	352	V
3	* 2.484	31.17	RMS	32.7	-23.5	.25	40.62	54	-13.38	-	-	269	352	V
4	* 2.484	31.44	RMS	32.7	-23.5	.25	40.89	54	-13.11	-	-	269	352	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

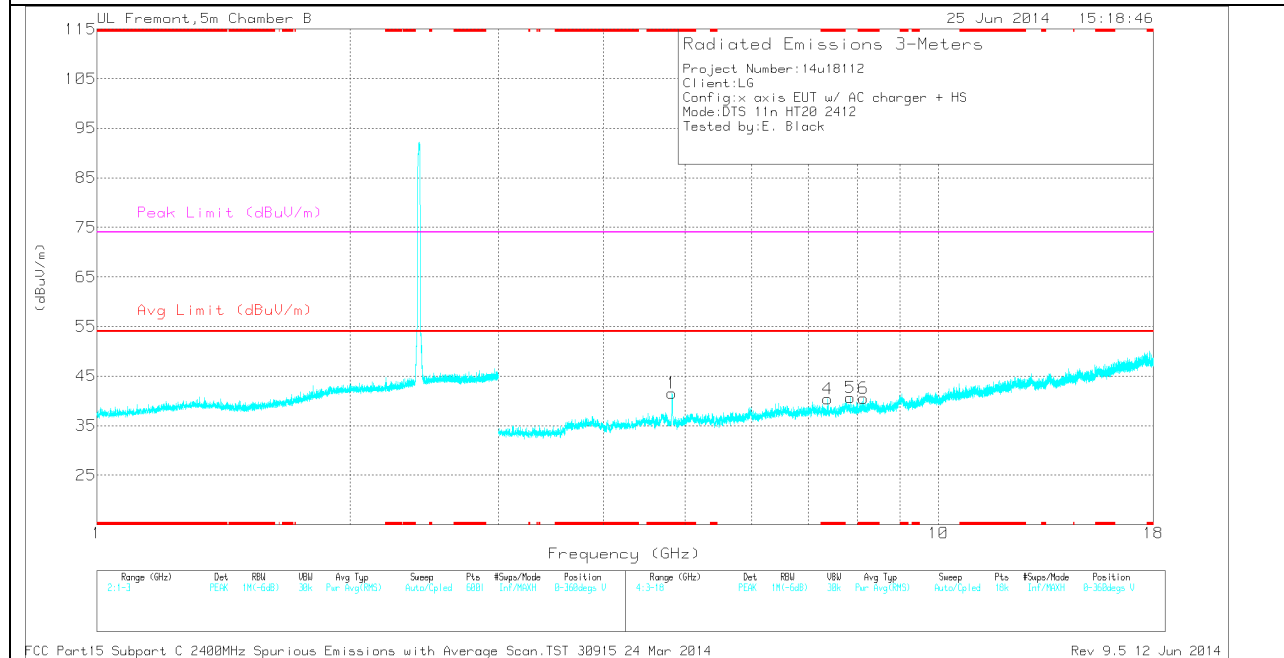
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS



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

Marker	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
2	* 1.218	36.55	PK	28.3	-24.6	0	40.25	-	-	74	-33.75	0-360	206	H
3	* 1.586	36.19	PK	28.4	-23.9	0	40.69	-	-	74	-33.31	0-360	206	H
1	* 4.824	37.19	PK	34.2	-29.8	0	41.59	-	-	74	-32.41	0-360	195	V
4	* 7.386	32.19	PK	35.6	-27.4	0	40.39	-	-	74	-33.61	0-360	195	V
6	* 8.151	31.02	PK	35.7	-26.2	0	40.52	-	-	74	-33.48	0-360	99	V
5	7.86	31.62	PK	35.7	-26.7	0	40.62	-	-	-	-	0-360	195	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

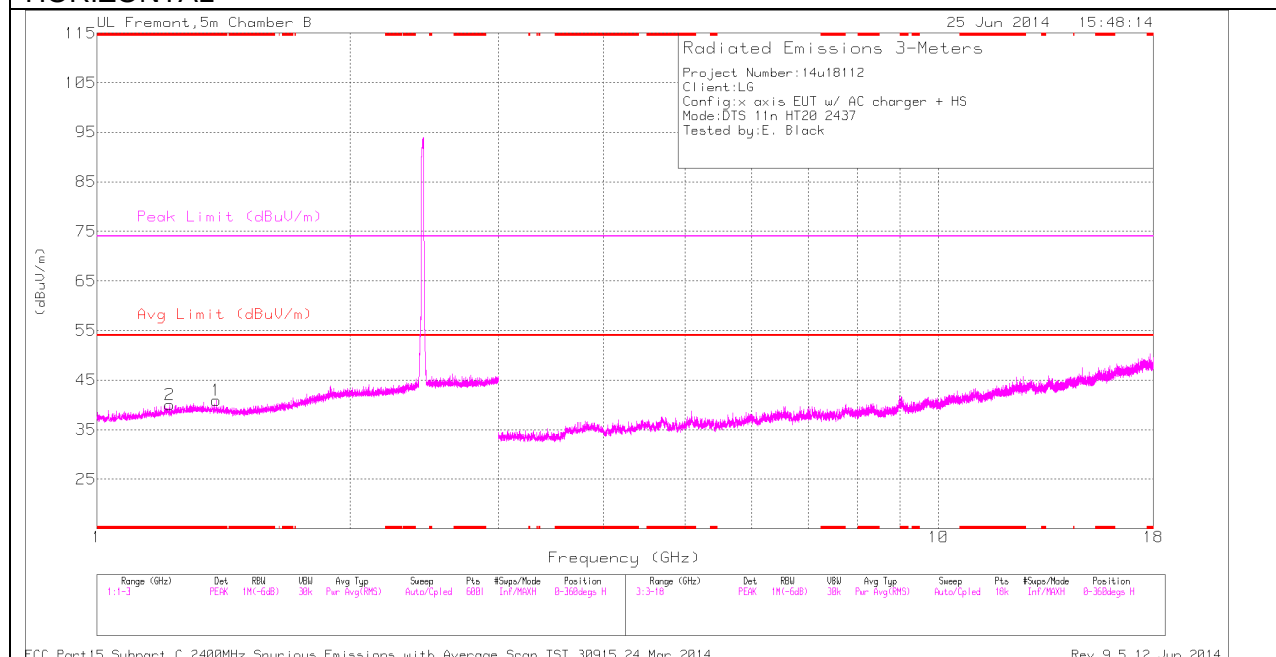
Radiated Emissions

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
* 1.217	43.65	PK2	28.3	-24.6	0	47.35	-	-	74	-26.65	337	199	H
* 1.586	43.11	PK2	28.4	-23.9	0	47.61	-	-	74	-26.39	337	212	H
* 4.823	38.51	PK2	34.2	-29.7	0	43.01	-	-	74	-30.99	337	243	V
* 4.824	27.3	MAv1	34.2	-29.8	0.25	31.7	54	-22.3	-	-	337	243	V
* 7.384	38.3	PK2	35.6	-27.4	0	46.5	-	-	74	-27.5	337	202	V
* 8.15	37.45	PK2	35.7	-26.2	0	46.95	-	-	74	-27.05	337	100	V
7.858	37.81	PK2	35.7	-26.7	0	46.81	-	-	-	-	337	191	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

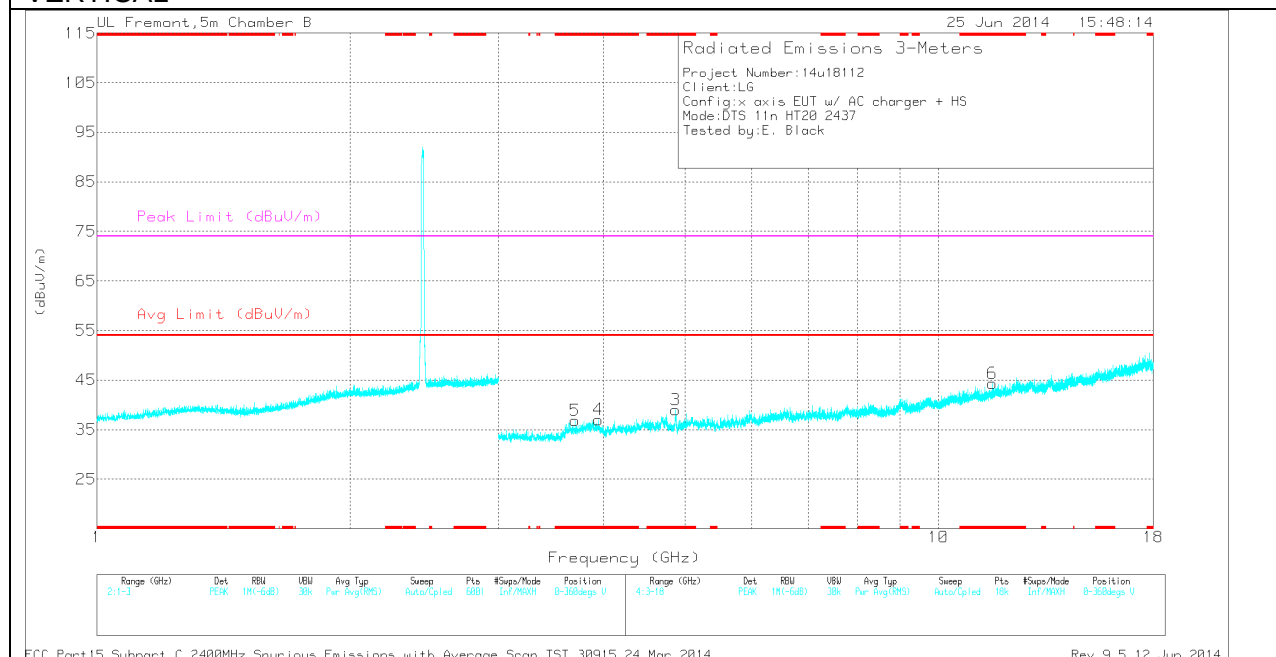
PK2 - KDB558074 Method: Maximum Peak

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

Marker	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	* 1.386	36.73	PK	28.6	-24.4	0	40.93	-	-	74	-33.07	0-360	99	H
2	* 1.22	36.33	PK	28.3	-24.6	0	40.03	-	-	74	-33.97	0-360	99	H
3	* 4.872	35.27	PK	34.2	-30.5	0	38.97	-	-	74	-35.03	0-360	99	V
4	* 3.942	33.83	PK	33.7	-30.5	0	37.03	-	-	74	-36.97	0-360	195	V
5	* 3.699	34.96	PK	33.3	-31.4	0	36.86	-	-	74	-37.14	0-360	99	V
6	* 11.581	28.49	PK	38.1	-22.3	0	44.29	-	-	74	-29.71	0-360	195	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

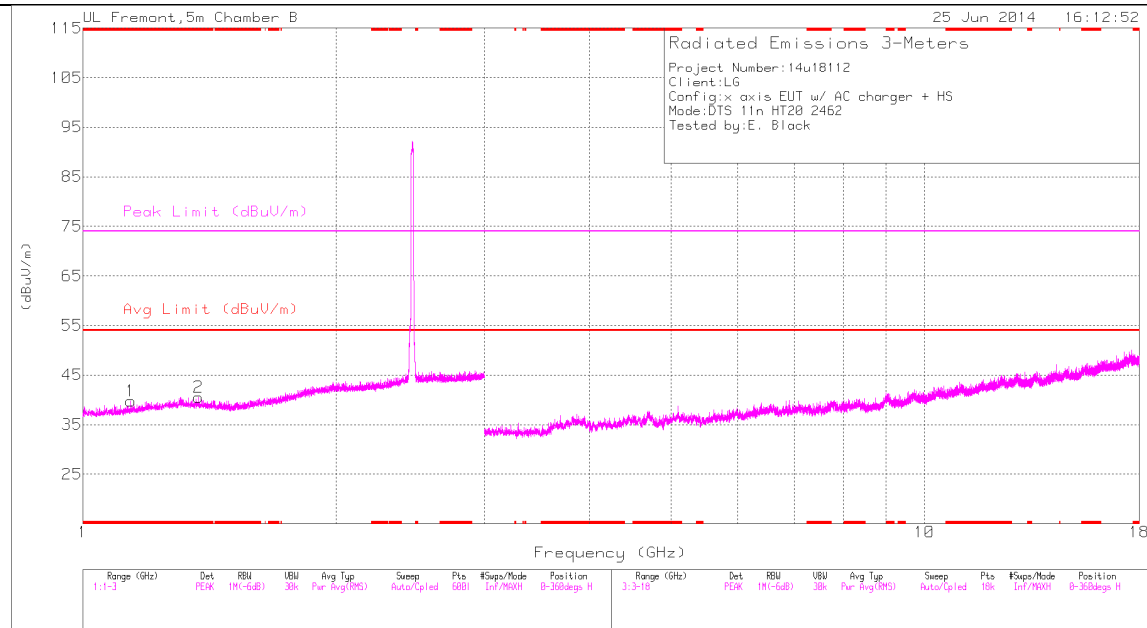
Radiated Emissions

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
* 1.386	43.54	PK2	28.6	-24.4	0	47.74	-	-	74	-26.26	360	100	H
* 1.218	43.94	PK2	28.3	-24.6	0	47.64	-	-	74	-26.36	360	100	H
* 4.873	44.25	PK2	34.2	-30.5	0	47.95	-	-	74	-26.05	360	100	V
* 3.943	41.03	PK2	33.7	-30.6	0	44.13	-	-	74	-29.87	360	203	V
* 3.701	41.68	PK2	33.3	-31.4	0	43.58	-	-	74	-30.42	360	100	V
* 11.583	34.83	PK2	38.1	-22.3	0	50.63	-	-	74	-23.37	360	202	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

HIGH CHANNEL HORIZONTAL

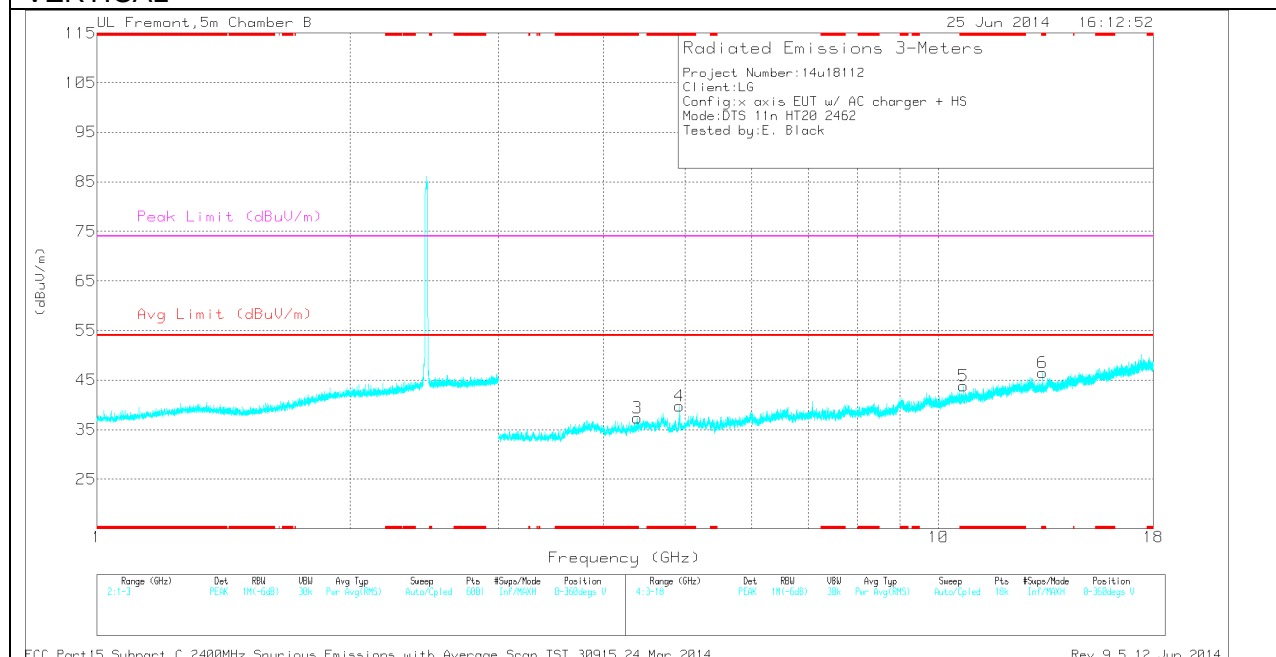


FCC Part15 Subpart C 2400MHz Spurious Emissions with Average Scan.TST 30915 24 Mar 2014

Rev 9.5 12 Jun 2014

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

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/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	* 1.14	36.72	PK	27.7	-24.7	0	39.72	-	-	74	-34.28	0-360	202	H
2	* 1.372	36.47	PK	28.6	-24.5	0	40.57	-	-	74	-33.43	0-360	99	H
3	* 4.388	33.77	PK	33.8	-30.2	0	37.37	-	-	74	-36.63	0-360	206	V
4	* 4.924	36.36	PK	34.2	-30.8	0	39.76	-	-	74	-34.24	0-360	99	V
5	* 10.71	28.31	PK	37.8	-22.3	0	43.81	-	-	74	-30.19	0-360	206	V
6	* 13.302	28.46	PK	39.3	-21.3	0	46.46	-	-	74	-27.54	0-360	206	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

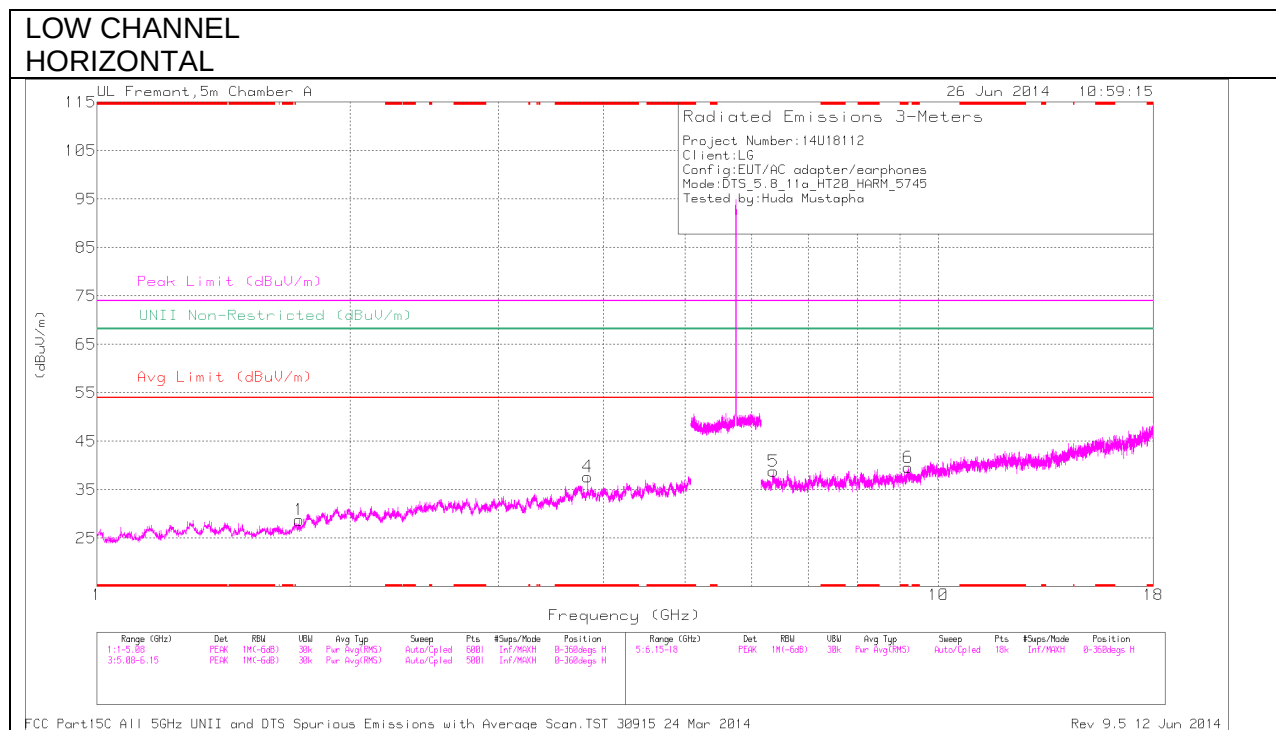
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/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
* 1.14	43.53	PK2	27.7	-24.7	0	46.53	-	-	74	-27.47	359	210	H
* 1.373	43.33	PK2	28.6	-24.5	0	47.43	-	-	74	-26.57	359	100	H
* 4.388	41.22	PK2	33.8	-30.2	0	44.82	-	-	74	-29.18	359	213	V
* 4.924	43.41	PK2	34.2	-30.8	0	46.81	-	-	74	-27.19	359	100	V
* 10.71	34.12	PK2	37.8	-22.3	0	49.62	-	-	74	-24.38	359	213	V
* 13.302	34.37	PK2	39.3	-21.3	0	52.37	-	-	74	-21.63	359	198	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

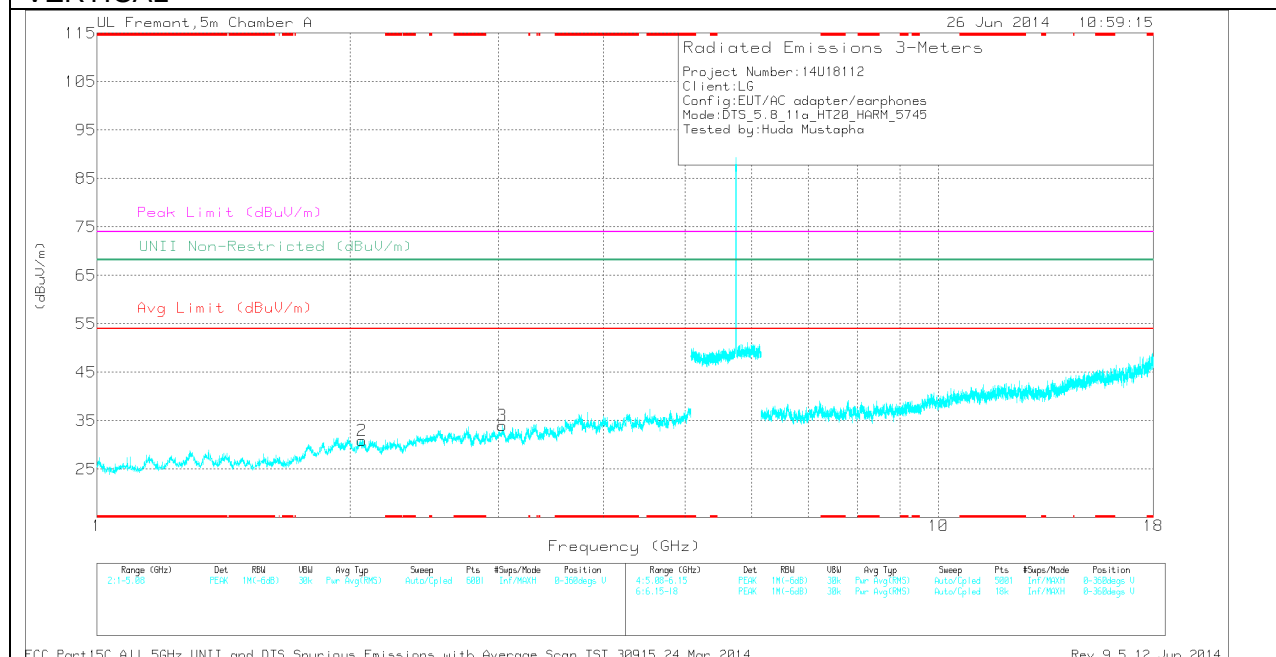
PK2 - KDB558074 Method: Maximum Peak

9.2.1. TX ABOVE 1 GHz 802.11a MODE IN THE 5.8 GHz BAND HARMONICS AND SPURIOUS EMISSIONS



Note: Emission was scanned up to 40GHz; 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 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

LOW CHANNEL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr /Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 3.83	35.21	PK	33.7	-31.2	37.71	-	-	74	-36.29	-	-	0-360	201	H
6	* 9.2	28.15	PK	36.1	-24.6	39.65	-	-	74	-34.35	-	-	0-360	201	H
1	1.738	34.36	PK	29.7	-35.3	28.76	-	-	-	-	68.2	-39.44	0-360	201	H
2	2.066	33.92	PK	31.9	-34.9	30.92	-	-	-	-	68.2	-37.28	0-360	100	V
3	3.03	33.25	PK	32.8	-32	34.05	-	-	-	-	68.2	-34.15	0-360	100	V
5	6.365	30.29	PK	35.5	-27	38.79	-	-	-	-	68.2	-29.41	0-360	201	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

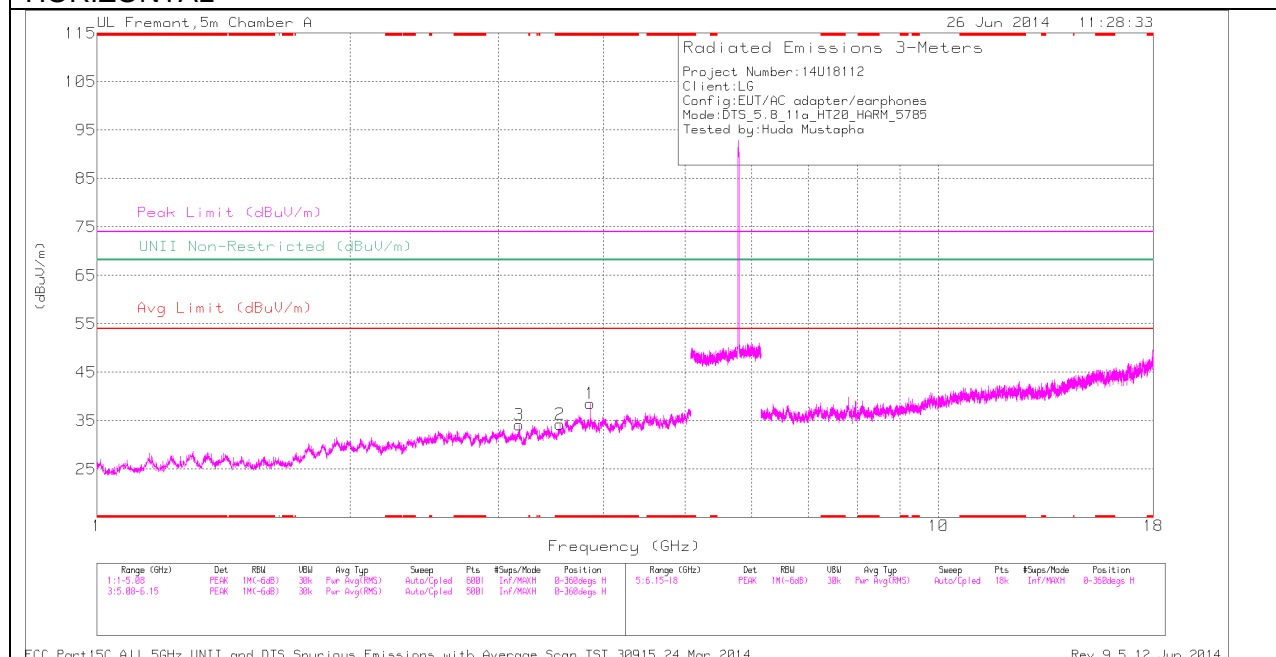
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr /Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.83	41.79	PK2	33.7	-31.2	44.29	-	-	74	-29.71	-	-	360	202	H
* 9.2	35.39	PK2	36.1	-24.6	46.89	-	-	74	-27.11	-	-	360	202	H
1.737	41.38	PK2	29.6	-35.4	35.58	-	-	-	-	68.2	-32.62	360	202	H
2.066	42.27	PK2	31.9	-34.8	39.37	-	-	-	-	68.2	-28.83	360	100	V
3.028	40.04	PK2	32.8	-32	40.84	-	-	-	-	68.2	-27.36	360	100	V
6.365	37.17	PK2	35.5	-27	45.67	-	-	-	-	68.2	-22.53	360	202	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

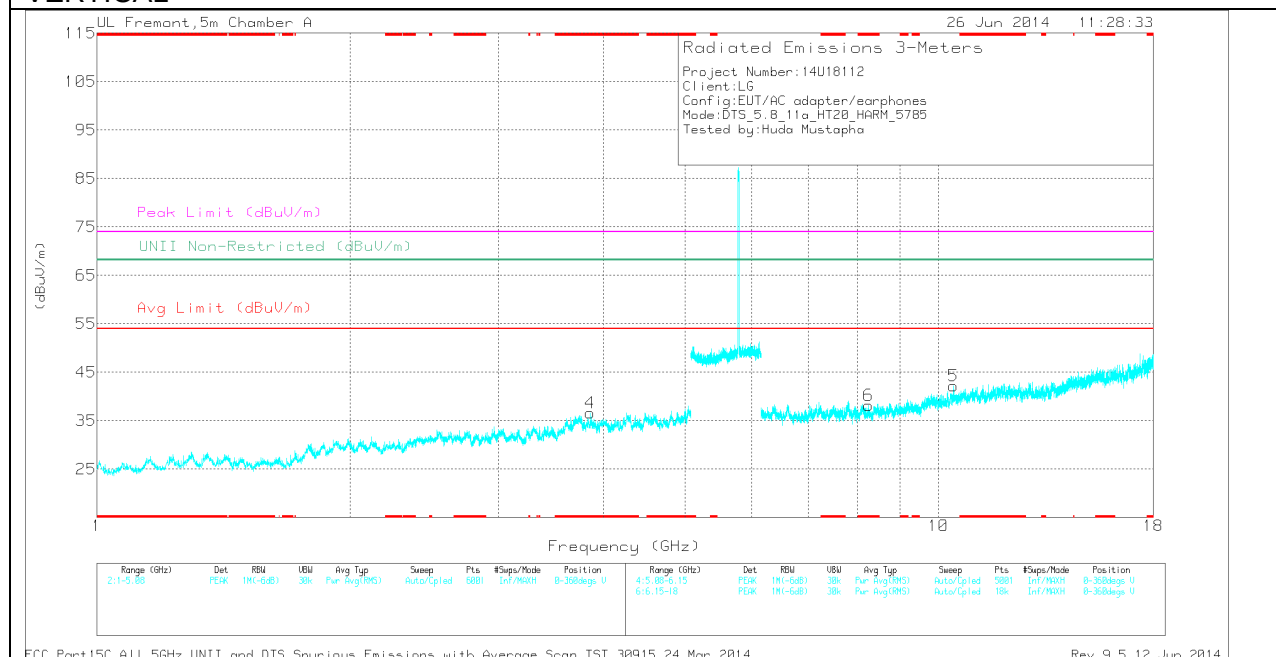
PK2 - KDB558074 Method: Maximum Peak

MID CHANNEL HORIZONTAL



Note: Emission was scanned up to 40GHz; 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 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

MID CHANNEL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.857	36.01	PK	33.7	-31.1	38.61	-	-	74	-35.39	-	-	0-360	100	H
2	* 3.55	32.27	PK	33.1	-31.1	34.27	-	-	74	-39.73	-	-	0-360	100	H
4	* 3.857	34.06	PK	33.7	-31.1	36.66	-	-	74	-37.34	-	-	0-360	100	V
6	* 8.253	28.48	PK	35.6	-25.9	38.18	-	-	74	-35.82	-	-	0-360	100	V
3	3.173	33.83	PK	32.7	-32.4	34.13	-	-	-	-	68.2	-34.07	0-360	100	H
5	10.424	26.47	PK	37.3	-21.6	42.17	-	-	-	-	68.2	-26.03	0-360	201	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

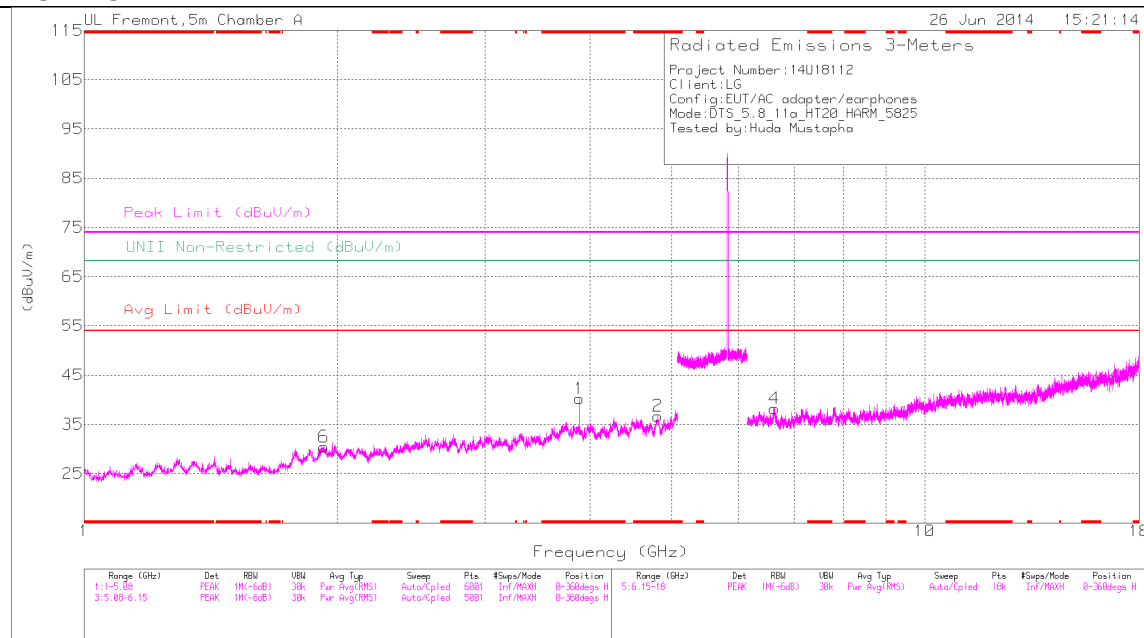
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.857	41.91	PK2	33.7	-31.1	44.51	-	-	74	-29.49	-	-	359	100	H
* 3.551	39.2	PK2	33.1	-31.1	41.2	-	-	74	-32.8	-	-	359	100	H
* 3.857	41.33	PK2	33.7	-31.1	43.93	-	-	74	-30.07	-	-	359	100	V
* 8.252	35.2	PK2	35.6	-26	44.8	-	-	74	-29.2	-	-	359	100	V
3.173	40.13	PK2	32.7	-32.4	40.43	-	-	-	-	68.2	-27.77	359	100	H
10.425	33.49	PK2	37.3	-21.6	49.19	-	-	-	-	68.2	-19.01	359	202	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

HIGH CHANNEL HORIZONTAL

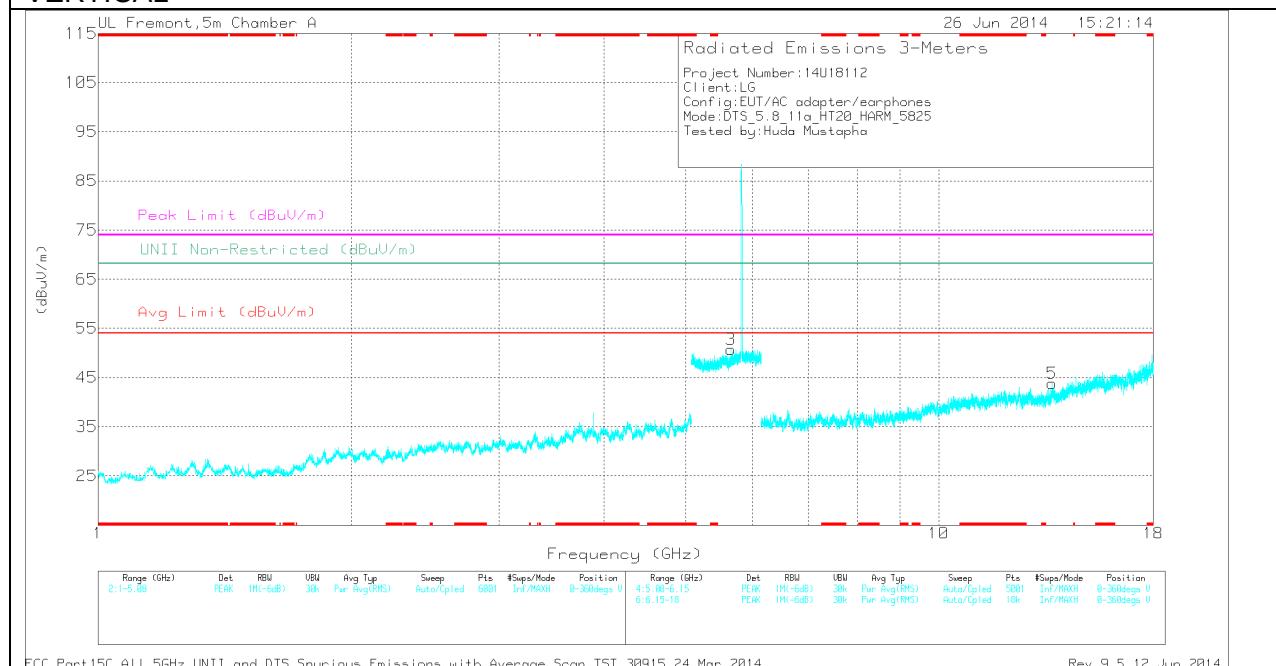


FCC Part15C All 5GHz UNII and DTS Spurious Emissions with Average Scan.TST 30915 24 Mar 2014

Rev 9.5 12 Jun 2014

Note: Emission was scanned up to 40GHz; 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 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

HIGH CHANNEL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Ftr /Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.883	37.92	PK	33.8	-31.5	40.22	-	-	74	-33.78	-	-	0-360	100	H
2	* 4.816	31.8	PK	34	-29.1	36.7	-	-	74	-37.3	-	-	0-360	201	H
6	1.929	33.21	PK	31.8	-34.6	30.41	-	-	-	-	68.2	-37.79	0-360	201	H
3	5.663	36	PK	34.5	-19.8	50.7	-	-	-	-	68.2	-17.5	0-360	201	V
4	6.627	28.61	PK	35.4	-25.8	38.21	-	-	-	-	68.2	-29.99	0-360	100	H
5	13.639	27.71	PK	38.8	-22.7	43.81	-	-	-	-	68.2	-24.39	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

Radiated Emissions

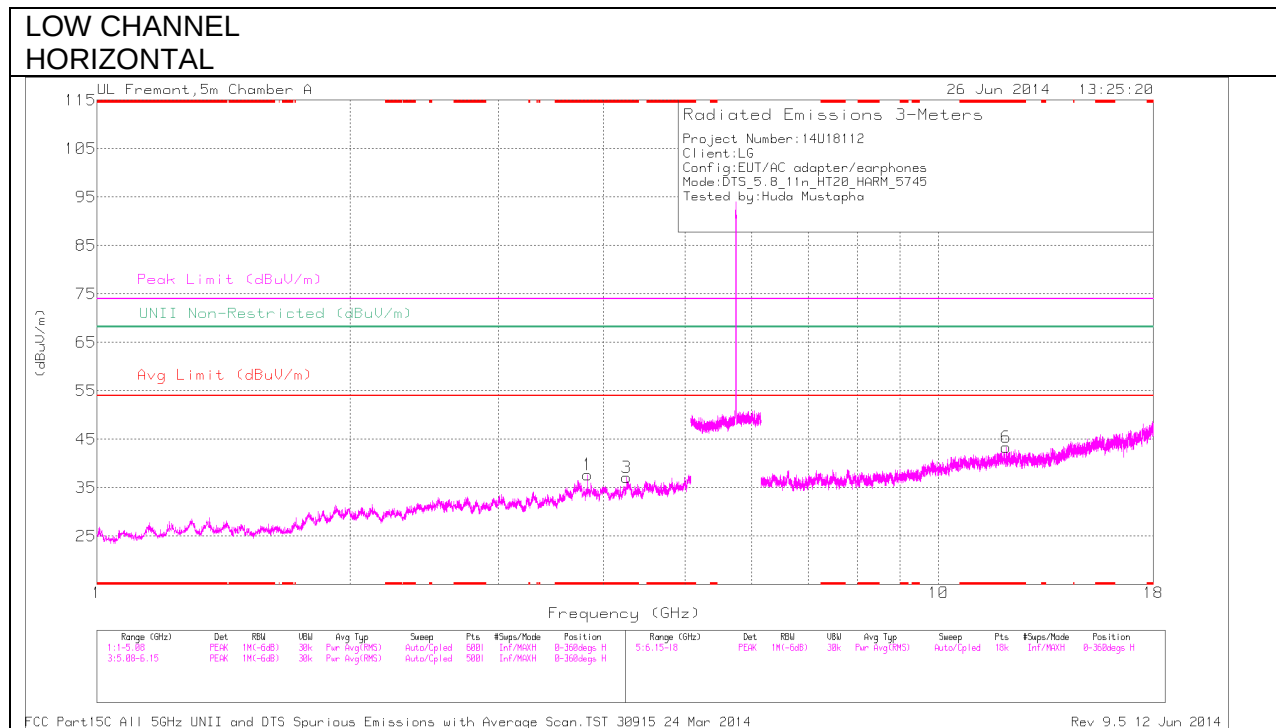
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Ftr /Pad (dB)	DC Factor	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.883	36.25	MAV1	33.8	-31.5	0.2	38.55	54	-15.45	-	-	-	-	188	125	H
* 3.884	42.79	PK2	33.8	-31.5	0	45.09	-	-	74	-28.91	-	-	188	125	H
* 4.817	38.85	PK2	34	-29.1	0	43.75	-	-	74	-30.25	-	-	188	202	H
* 4.816	27.89	MAV1	34	-29.1	0.2	32.79	54	-21.21	-	-	-	-	187	202	H
1.928	41.08	PK2	31.8	-34.6	0	38.28	-	-	-	-	68.2	-29.92	188	202	H
1.928	29.94	MAV1	31.8	-34.6	0.2	27.14	-	-	-	-	-	-	187	202	H
5.661	41.8	PK2	34.5	-19.9	0	56.4	-	-	-	-	68.2	-11.8	187	202	V
5.663	31.01	MAV1	34.5	-19.8	0.2	45.71	-	-	-	-	-	-	187	202	V
6.626	36.01	PK2	35.4	-25.8	0	45.61	-	-	-	-	68.2	-22.59	187	100	H
6.626	25.05	MAV1	35.4	-25.8	0.2	34.65	-	-	-	-	-	-	187	100	H
13.639	23.35	MAV1	38.8	-22.7	0.2	39.45	-	-	-	-	-	-	187	100	V
13.64	33.83	PK2	38.8	-22.7	0	49.93	-	-	-	-	68.2	-18.27	187	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

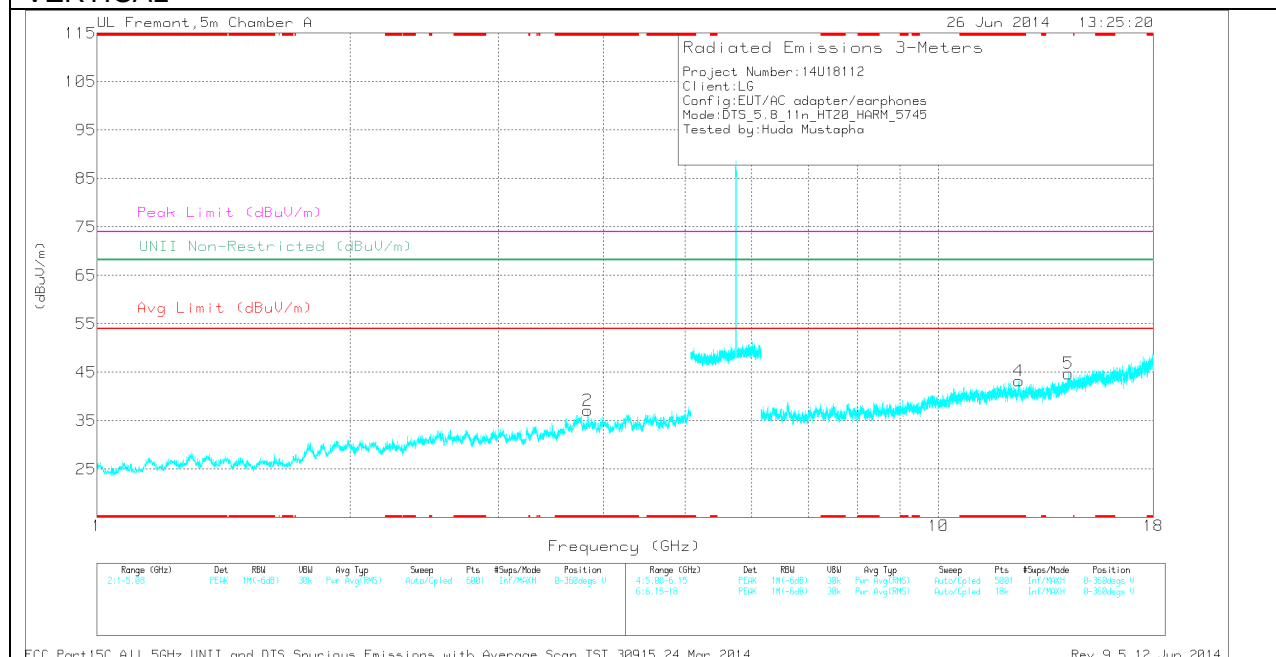
9.2.1. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.8 GHz BAND

HARMONICS AND SPURIOUS EMISSIONS



Note: Emission was scanned up to 40GHz; 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 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

LOW CHANNEL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filt r/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.83	35.21	PK	33.7	-31.2	37.71	-	-	74	-36.29	-	-	0-360	100	H
3	* 4.262	31.11	PK	34	-28	37.11	-	-	74	-36.89	-	-	0-360	201	H
2	* 3.83	34.66	PK	33.7	-31.2	37.16	-	-	74	-36.84	-	-	0-360	201	V
6	* 12.028	26.11	PK	38.9	-21.7	43.31	-	-	74	-30.69	-	-	0-360	100	H
4	* 12.466	26.16	PK	38.8	-21.7	43.26	-	-	74	-30.74	-	-	0-360	201	V
5	14.256	27.93	PK	39.5	-22.7	44.73	-	-	-	-	68.2	-23.47	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

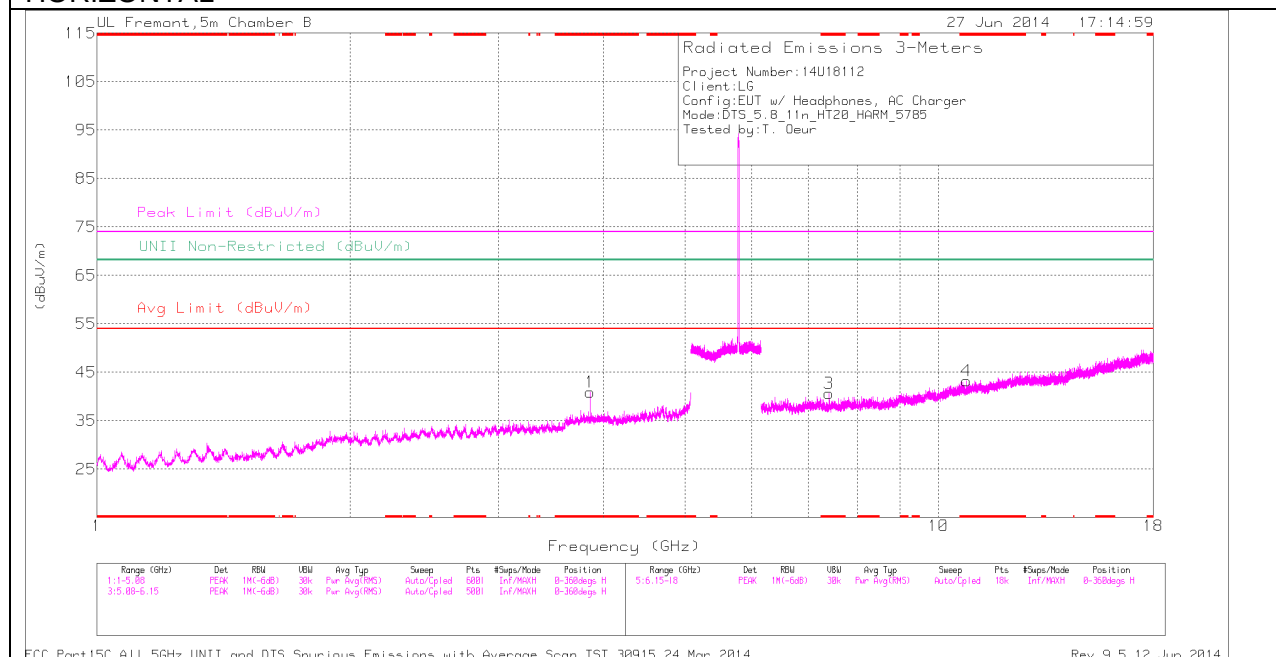
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filt r/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.83	41.69	PK2	33.7	-31.2	44.19	-	-	74	-29.81	-	-	359	100	H
* 4.261	38.62	PK2	34	-28.2	44.42	-	-	74	-29.58	-	-	359	202	H
* 3.83	40.64	PK2	33.7	-31.2	43.14	-	-	74	-30.86	-	-	359	202	V
* 12.027	32.86	PK2	38.9	-21.9	49.86	-	-	74	-24.14	-	-	359	100	H
* 12.466	33.87	PK2	38.8	-21.7	50.97	-	-	74	-23.03	-	-	359	202	V
* 12.466	33.39	PK2	38.8	-21.8	50.39	-	-	74	-23.61	-	-	359	202	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

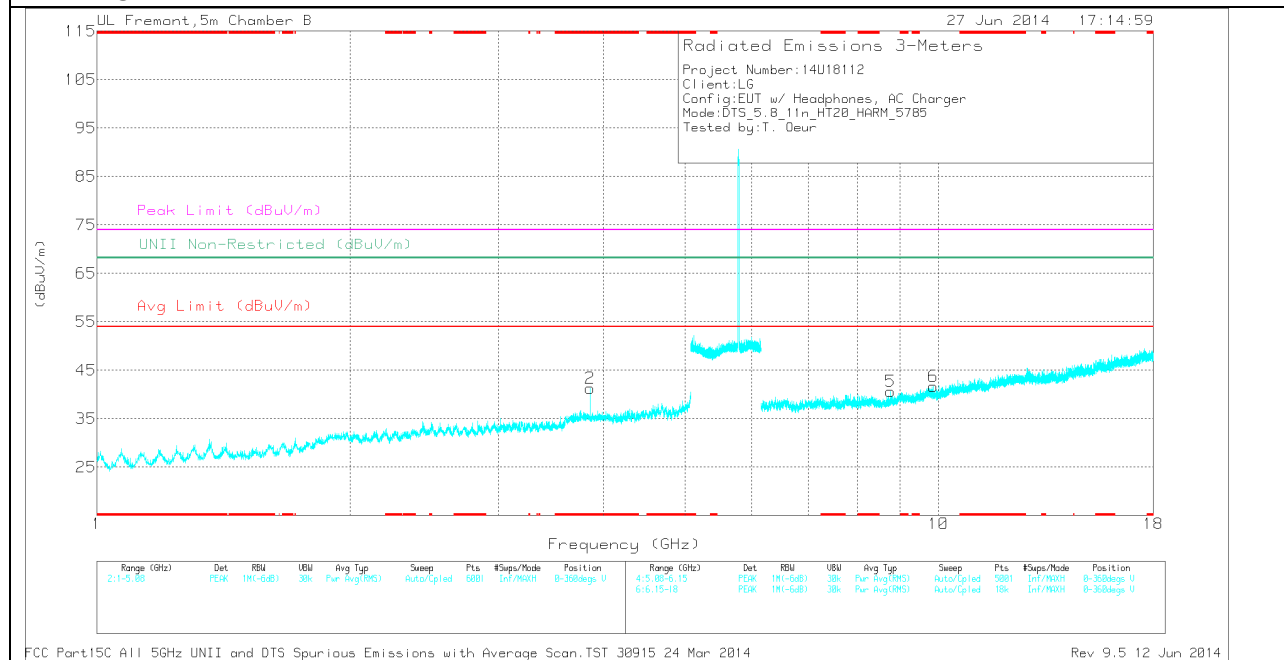
PK2 - KDB558074 Method: Maximum Peak

MID CHANNEL HORIZONTAL



Note: Emission was scanned up to 40GHz; 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 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Marker	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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.857	38.62	PK	33.7	-31.4	0	40.92	-	-	74	-33.08	-	-	0-360	99	H
2	* 3.857	39.03	PK	33.7	-31.4	0	41.33	-	-	74	-32.67	-	-	0-360	195	V
3	* 7.41	32.43	PK	35.6	-27.4	0	40.63	-	-	74	-33.37	-	-	0-360	206	H
4	* 10.793	28.66	PK	37.8	-23.2	0	43.26	-	-	74	-30.74	-	-	0-360	99	H
5	8.769	30.47	PK	36	-25.8	0	40.67	-	-	-	-	68.2	-27.53	0-360	195	V
6	9.856	28.64	PK	37	-24	0	41.64	-	-	-	-	68.2	-26.56	0-360	195	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

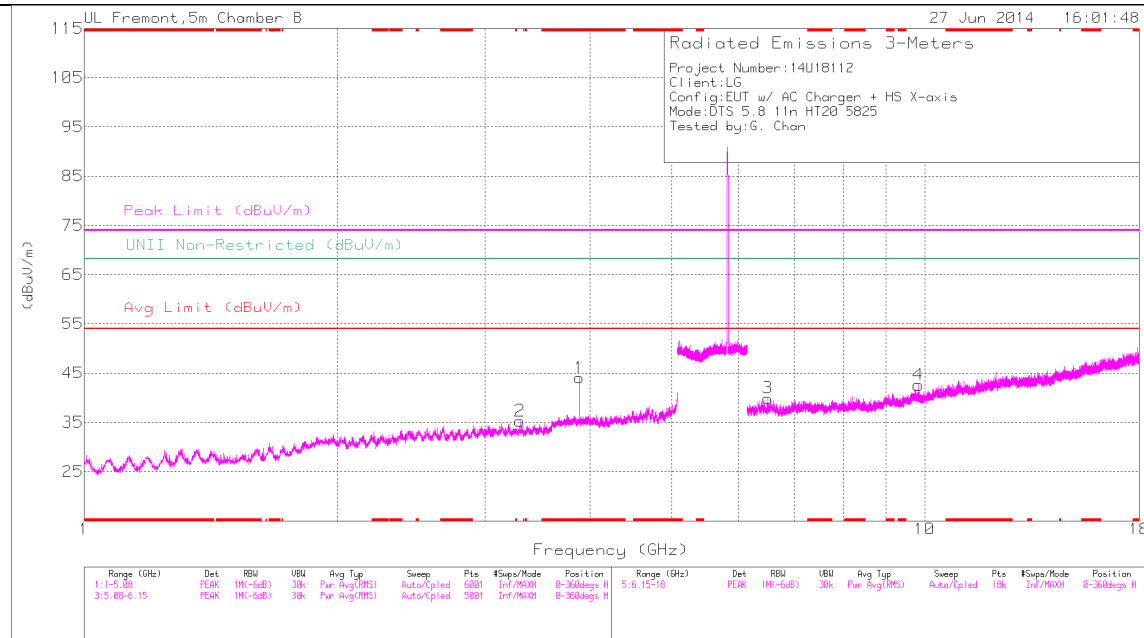
Radiated Emissions

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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.857	44.12	PK2	33.7	-31.4	0	46.42	-	-	74	-27.58	-	-	1	100	H
* 3.857	36.33	MAV1	33.7	-31.4	.19	38.82	54	-15.18	-	-	-	-	1	100	H
* 3.857	43.27	PK2	33.7	-31.5	0	45.47	-	-	74	-28.53	-	-	1	202	V
* 3.857	34.9	MAV1	33.7	-31.4	.19	37.39	54	-16.61	-	-	-	-	1	202	V
* 7.41	37.94	PK2	35.6	-27.4	0	46.14	-	-	74	-27.86	-	-	1	212	H
* 10.794	35.31	PK2	37.8	-23.2	0	49.91	-	-	74	-24.09	-	-	1	100	H
8.768	36.57	PK2	36	-25.8	0	46.77	-	-	-	-	68.2	-21.43	1	203	V
9.854	35.52	PK2	37	-24	0	48.52	-	-	-	-	68.2	-19.68	1	188	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

HIGH CHANNEL HORIZONTAL

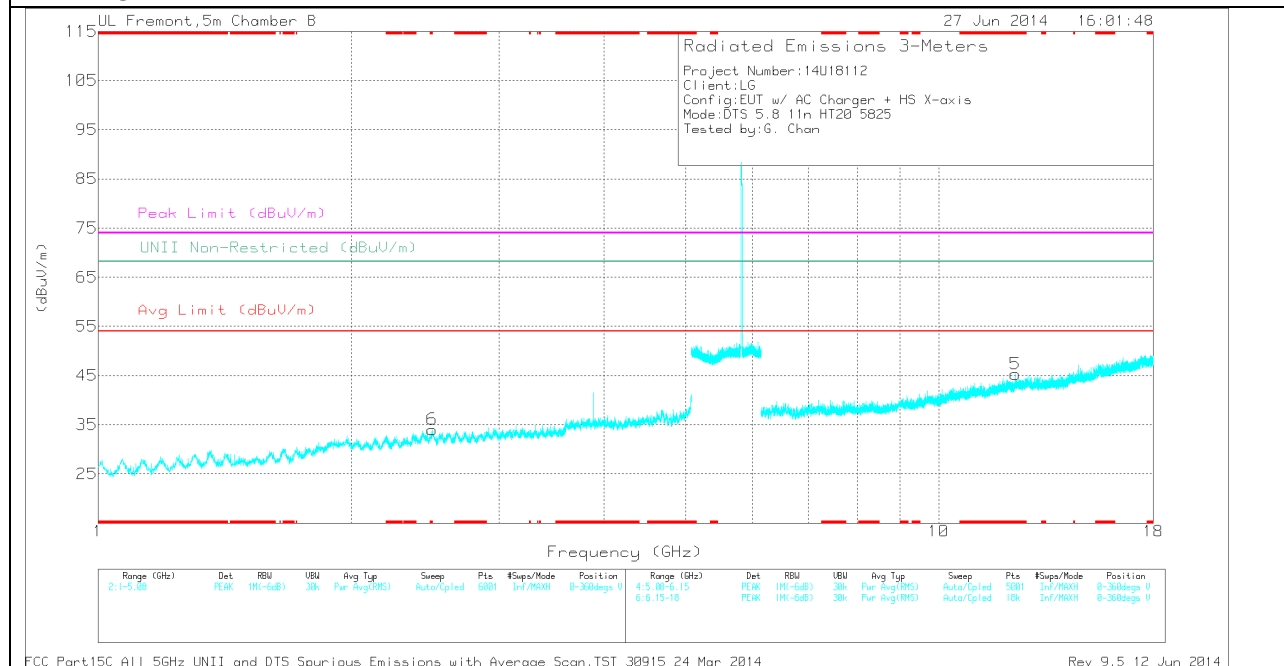


FCC Part15C All 5GHz UNII and DTS Spurious Emissions with Average Scan.TST 30915 24 Mar 2014

Rev 9.5 12 Jun 2014

Note: Emission was scanned up to 40GHz; 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 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.883	41.65	PK	33.8	-31.4	0	44.05	-	-	74	-29.95	-	-	0-360	206	H
6	* 2.497	33.93	PK	32.4	-32.3	0	34.03	-	-	74	-39.97	-	-	0-360	99	V
5	* 12.336	27.9	PK	39	-21.6	0	45.3	-	-	74	-28.7	-	-	0-360	195	V
2	3.3	34.08	PK	32.8	-31.6	0	35.28	-	-	-	-	68.2	-32.92	0-360	206	H
3	6.506	33.01	PK	35.7	-28.8	0	39.91	-	-	-	-	68.2	-28.29	0-360	99	H
4	9.828	29.51	PK	36.9	-23.8	0	42.61	-	-	-	-	68.2	-25.59	0-360	206	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

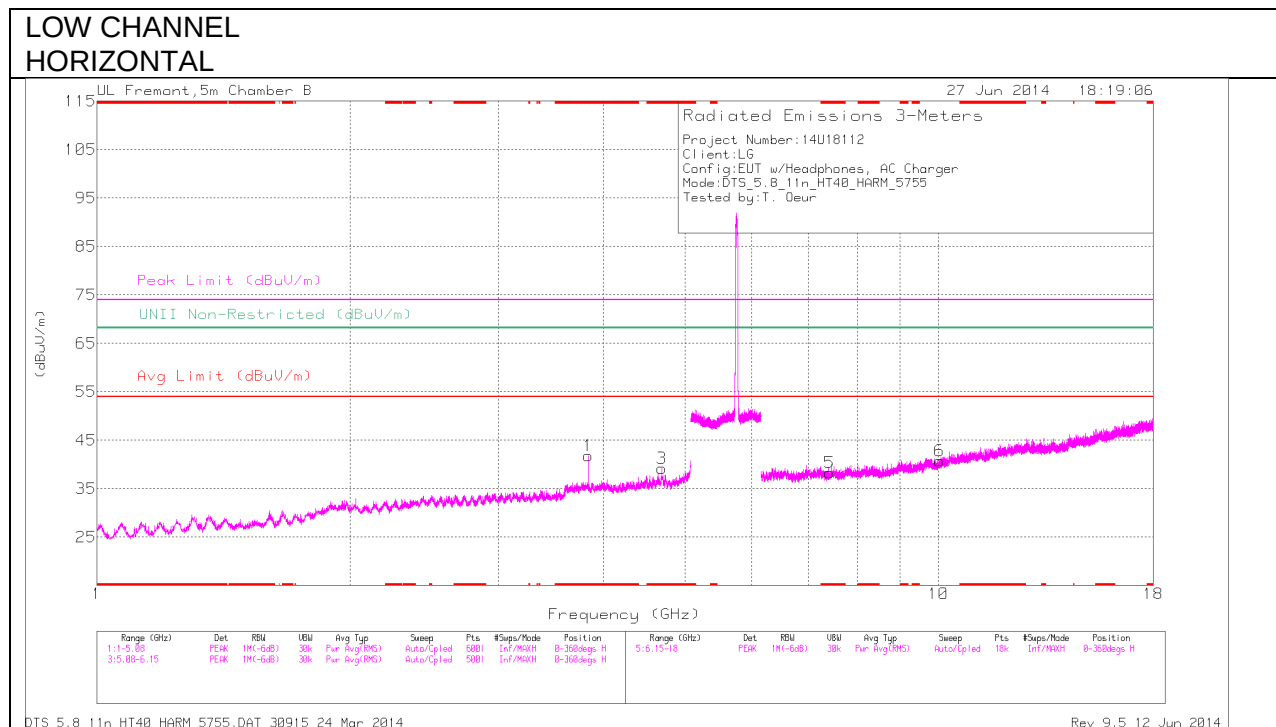
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.883	44.58	PK2	33.8	-31.4	0	46.98	-	-	74	-27.02	-	-	63	185	H
* 3.883	37.99	MAV1	33.8	-31.4	0.19	40.39	54	-13.61	-	-	-	-	63	185	H
* 2.498	41.74	PK2	32.4	-32.3	0	41.84	-	-	74	-32.16	-	-	63	100	V
* 12.338	34.66	PK2	39	-21.6	0	52.06	-	-	74	-21.94	-	-	63	189	V
3.3	40.83	PK2	32.8	-31.6	0	42.03	-	-	-	-	68.2	-26.17	63	213	H
6.505	39.71	PK2	35.7	-28.8	0	46.61	-	-	-	-	68.2	-21.59	63	100	H
9.828	35.28	PK2	36.9	-23.8	0	48.38	-	-	-	-	68.2	-19.82	63	213	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

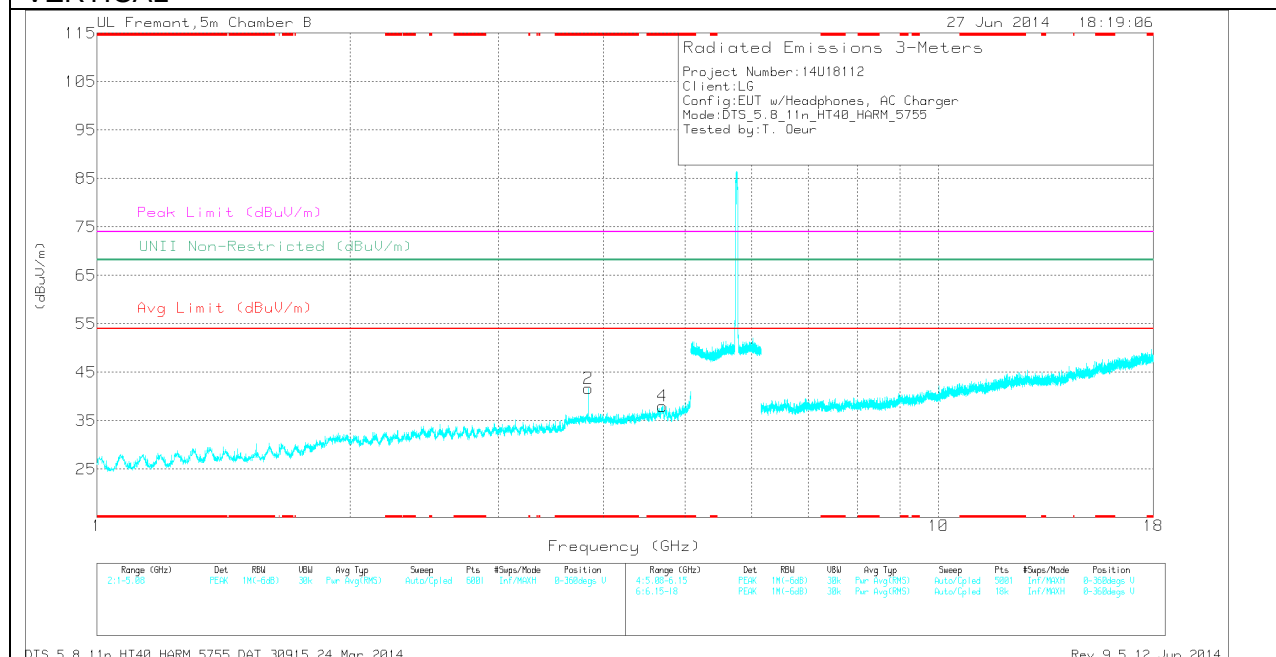
PK2 - KDB558074 Method: Maximum Peak

9.2.1. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.8 GHz BAND HARMONICS AND SPURIOUS EMISSIONS



Note: Emission was scanned up to 40GHz; 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 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

LOW CHANNEL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.837	39.25	PK	33.7	-31.1	0	41.85	-	-	74	-32.15	-	-	0-360	99	H
3	* 4.692	34.82	PK	34.2	-29.8	0	39.22	-	-	74	-34.78	-	-	0-360	206	H
2	* 3.836	39.02	PK	33.7	-31.1	0	41.62	-	-	74	-32.38	-	-	0-360	193	V
4	* 4.695	33.68	PK	34.2	-29.9	0	37.98	-	-	74	-36.02	-	-	0-360	193	V
5	* 7.42	29.99	PK	35.6	-27.3	0	38.29	-	-	74	-35.71	-	-	0-360	206	H
6	10.027	27.02	PK	37.1	-23.4	0	40.72	-	-	-	-	68.2	-27.48	0-360	206	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

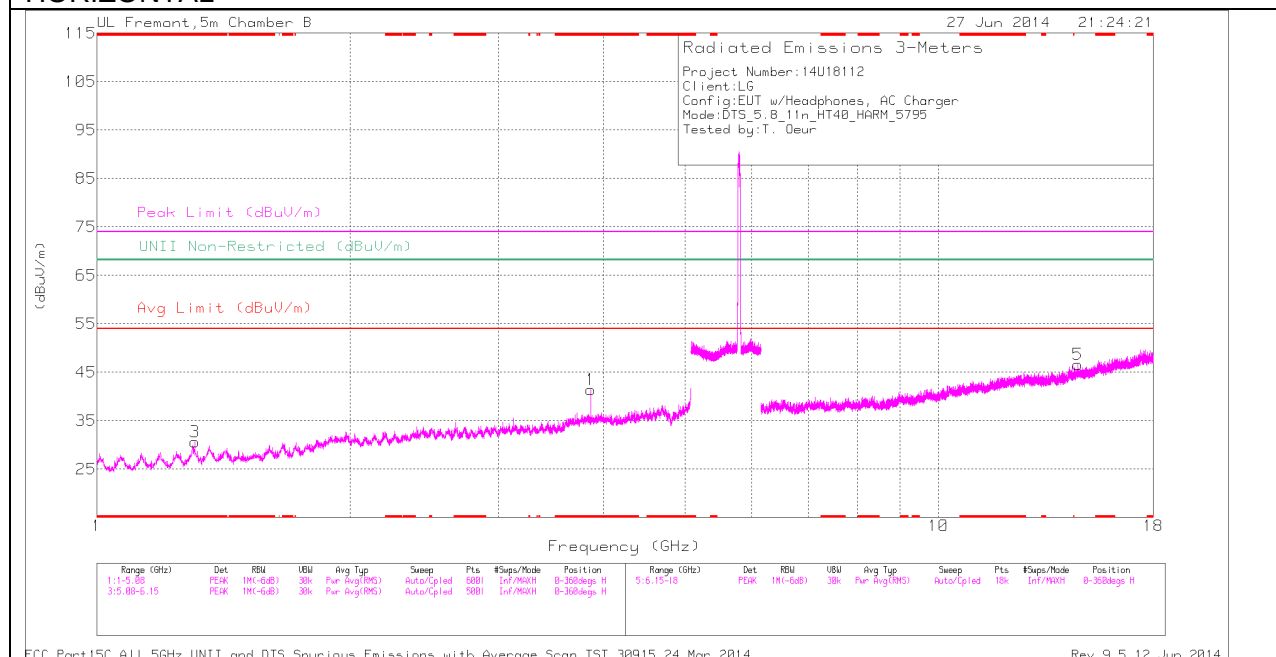
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.837	44.3	PK2	33.7	-31.1	0	46.9	-	-	74	-27.1	-	-	1	100	H
* 3.837	37.35	MAV1	33.7	-31.1	.44	40.39	54	-13.61	-	-	-	-	1	100	H
* 4.694	41.8	PK2	34.2	-29.8	0	46.2	-	-	74	-27.8	-	-	1	213	H
* 4.693	30.8	MAV1	34.2	-29.8	.44	35.64	54	-18.36	-	-	-	-	1	213	H
* 3.837	43.03	PK2	33.7	-31.1	0	45.63	-	-	74	-28.37	-	-	1	188	V
* 3.837	34.23	MAV1	33.7	-31.1	.44	37.27	54	-16.73	-	-	-	-	1	188	V
* 4.694	42.28	PK2	34.2	-29.8	0	46.68	-	-	74	-27.32	-	-	1	199	V
* 7.42	38.16	PK2	35.6	-27.3	0	46.46	-	-	74	-27.54	-	-	1	213	H
10.027	34.55	PK2	37.1	-23.4	0	48.25	-	-	-	-	68.2	-19.95	1	199	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

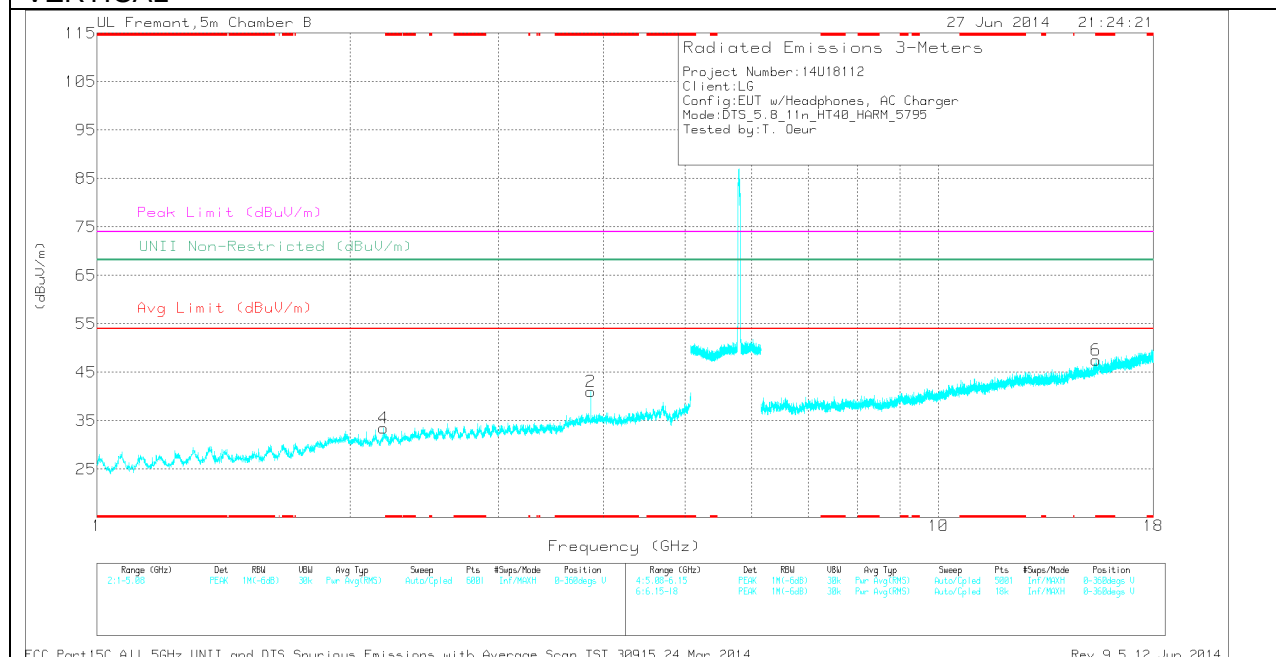
PK2 - KDB558074 Method: Maximum Peak

MID CHANNEL HORIZONTAL



Note: Emission was scanned up to 40GHz; 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 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

MID CHANNEL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.863	39.19	PK	33.7	-31.5	0	41.39	-	-	74	-32.61	-	-	0-360	99	H
3	* 1.307	36.08	PK	28.8	-34.3	0	30.58	-	-	74	-43.42	-	-	0-360	99	H
2	* 3.863	38.77	PK	33.7	-31.5	0	40.97	-	-	74	-33.03	-	-	0-360	196	V
6	* 15.392	27.67	PK	40.3	-20.4	0	47.57	-	-	74	-26.43	-	-	0-360	99	V
4	2.19	34.65	PK	31.3	-32.4	0	33.55	-	-	-	-	68.2	-34.65	0-360	196	V
5	14.65	26.78	PK	39.4	-19.6	0	46.58	-	-	-	-	68.2	-21.62	0-360	206	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

Radiated Emissions

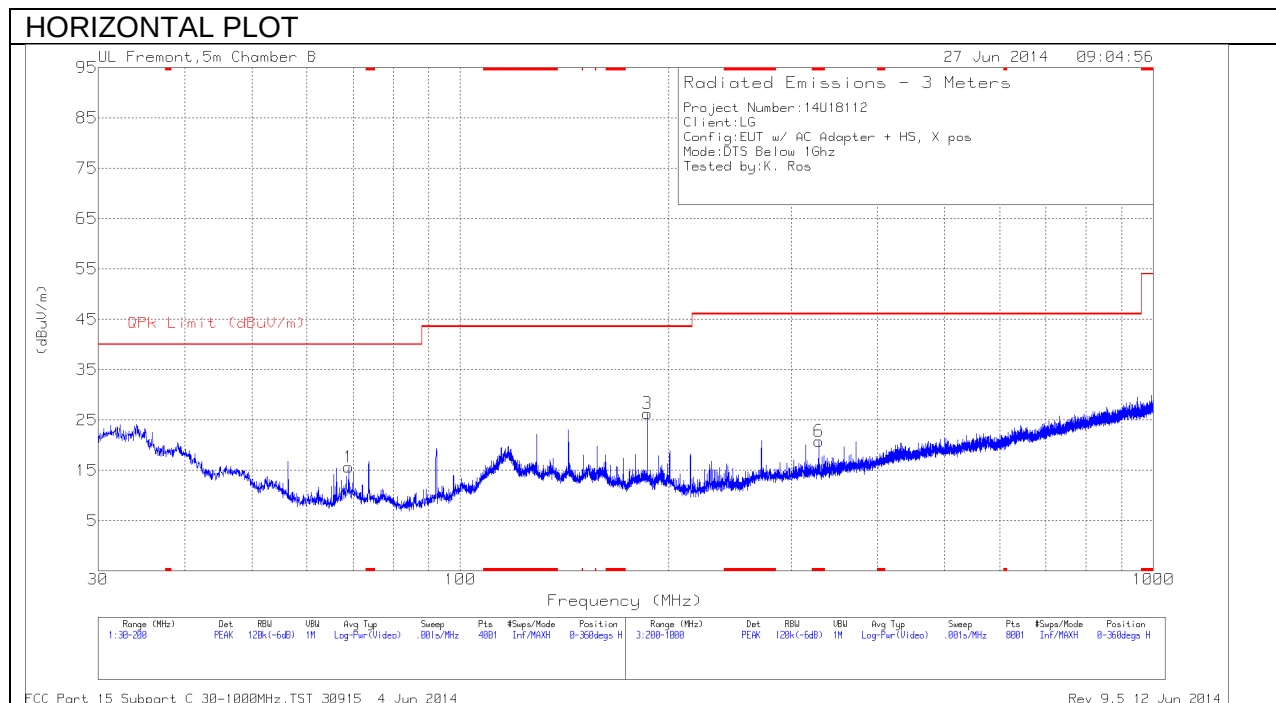
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.863	45.27	PK2	33.7	-31.5	0	47.47	-	-	74	-26.53	-	-	359	100	H
* 3.863	37.5	MAV1	33.7	-31.5	.44	40.14	54	-13.86	-	-	-	-	359	100	H
* 1.306	43	PK2	28.8	-34.3	0	37.5	-	-	74	-36.5	-	-	359	100	H
* 3.863	43.09	PK2	33.7	-31.5	0	45.29	-	-	74	-28.71	-	-	359	203	V
* 3.863	34.09	MAV1	33.7	-31.5	.44	36.73	54	-17.27	-	-	-	-	359	203	V
* 15.392	34.08	PK2	40.3	-20.4	0	53.98	-	-	74	-20.02	-	-	359	100	V
2.19	41	PK2	31.3	-32.4	0	39.9	-	-	-	-	68.2	-28.3	359	189	V
14.651	33.64	PK2	39.4	-19.6	0	53.44	-	-	-	-	68.2	-14.76	359	214	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

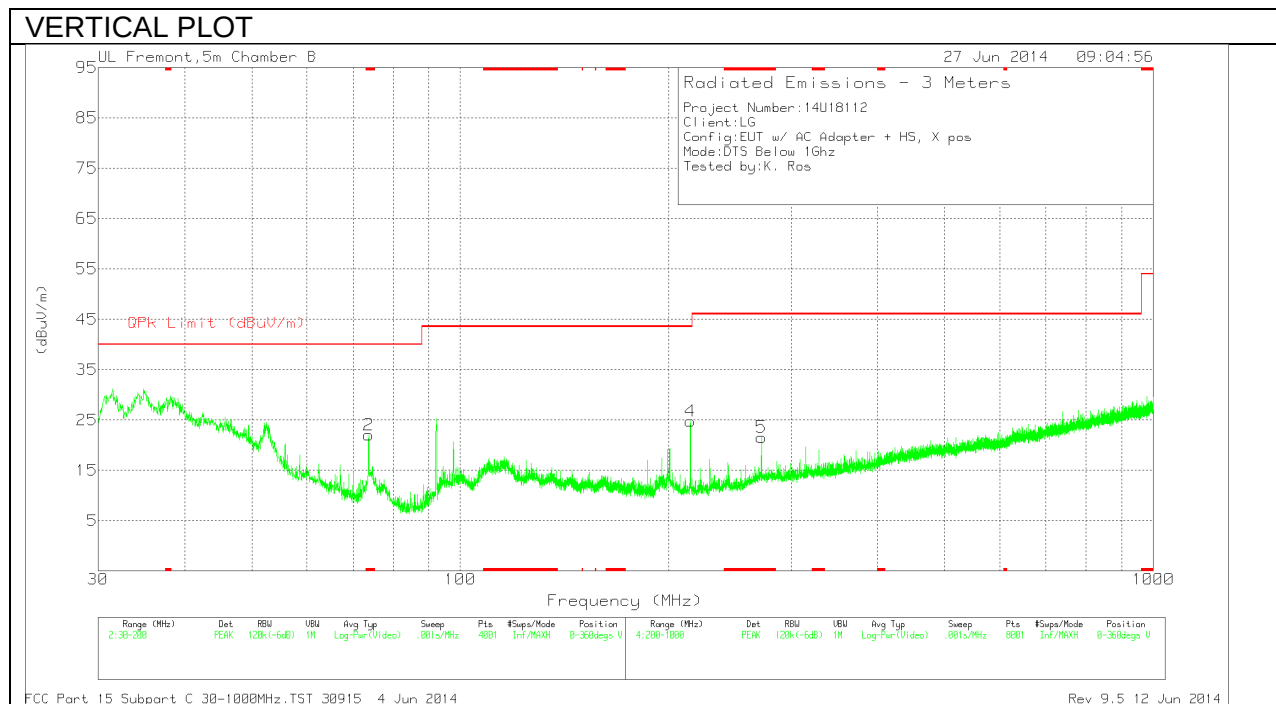
PK2 - KDB558074 Method: Maximum Peak

9.3. WORST-CASE BELOW 1 GHz

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



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



Below 1G Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T243 (dB/m)	Amp/Cbl (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 73.7325	42.23	PK	8.1	-28.3	0	22.03	40	-17.97	0-360	100	V
6	* 329.3	32.6	PK	14	-25.8	0	20.8	46.02	-25.22	0-360	201	H
5	* 272	34.46	PK	13.3	-26.2	0	21.56	46.02	-24.46	0-360	300	V
1	68.9725	35.83	PK	8.1	-28.3	0	15.63	40	-24.37	0-360	400	H
3	186.145	42.4	PK	10.9	-27	0	26.3	43.52	-17.22	0-360	101	H
4	214.8	40.98	PK	10.6	-26.8	0	24.78	43.52	-18.74	0-360	200	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector