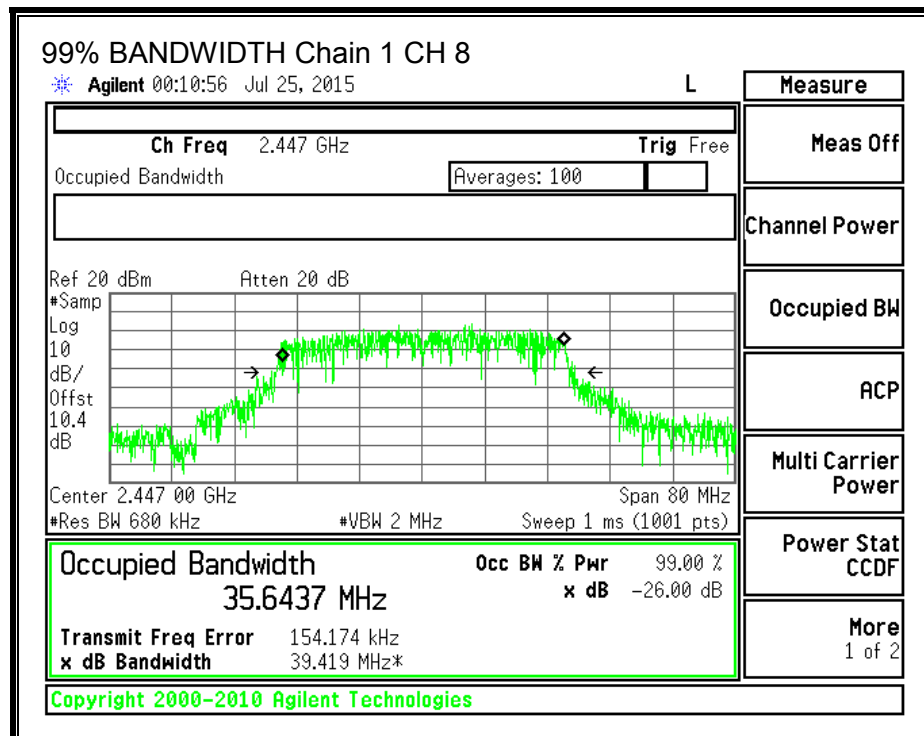
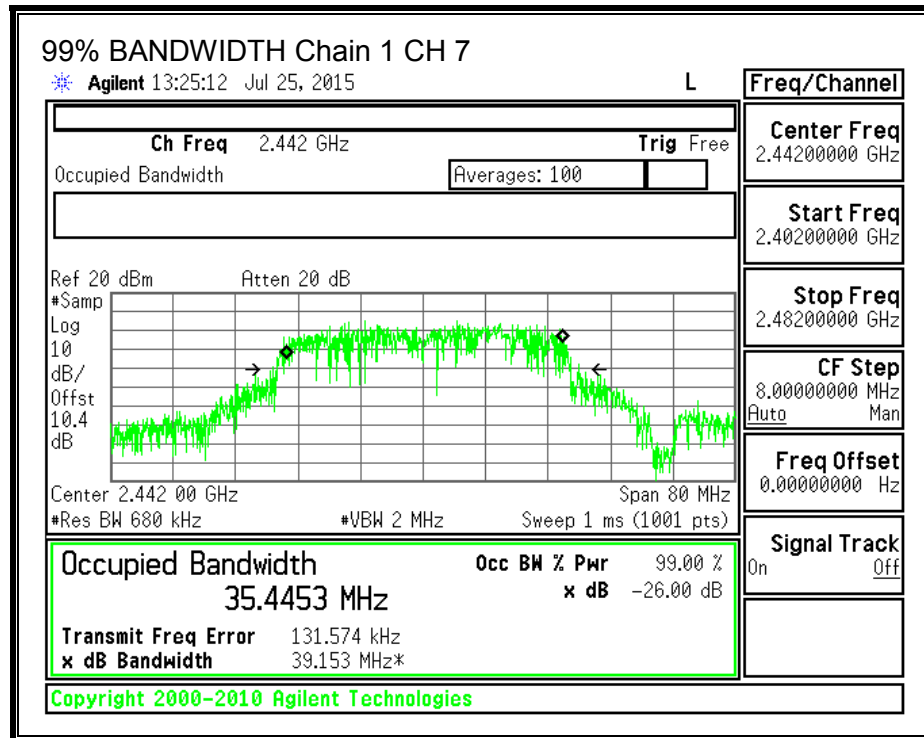
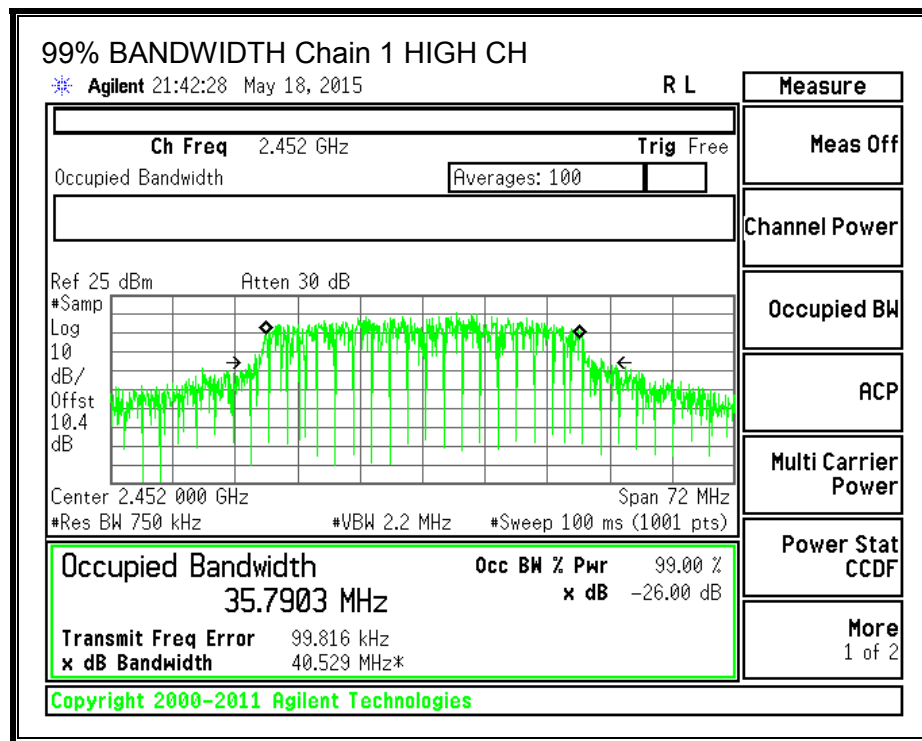






8.5.3. OUTPUT POWER

LIMITS

FCC §15.247

For systems using digital modulation in the 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz bands: 1 Watt, based on the use of antennas with directional gains that do not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

DIRECTIONAL ANTENNA GAIN

The TX chains are uncorrelated and the antenna gain is unequal among the chains. The directional gain is:

Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)
3.70	2.50	3.14

RESULTS

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Max Power (dBm)
Low	2422	3.14	30.00	30	36	30.00
4	2427	3.14	30.00	30	36	30.00
5	2432	3.14	30.00	30	36	30.00
Mid	2437	3.14	30.00	30	36	30.00
8	2442	3.14	30.00	30	36	30.00
8	2447	3.14	30.00	30	36	30.00
High	2452	3.14	30.00	30	36	30.00

Duty Cycle CF (dB)	0.35	Included in Calculations of Corr'd Power
--------------------	------	--

Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low	2422	13.56	13.35	16.82	30.00	-13.18
4	2427	14.17	13.51	17.21	30.00	-12.79
5	2432	14.53	14.28	17.77	30.00	-12.23
Mid	2437	18.05	17.39	21.09	30.00	-8.91
7	2442	13.62	13.52	16.93	30.00	-13.07
8	2447	12.58	11.81	15.57	30.00	-14.43
High	2452	12.66	12.38	15.88	30.00	-14.12

8.5.4. POWER SPECTRAL DENSITY

LIMITS

FCC §15.247

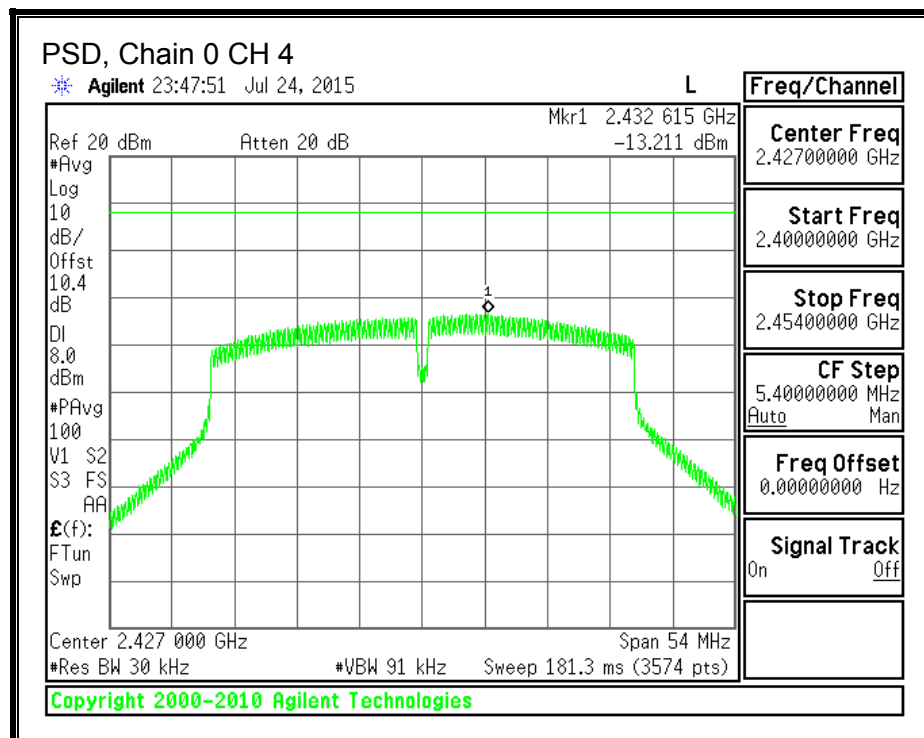
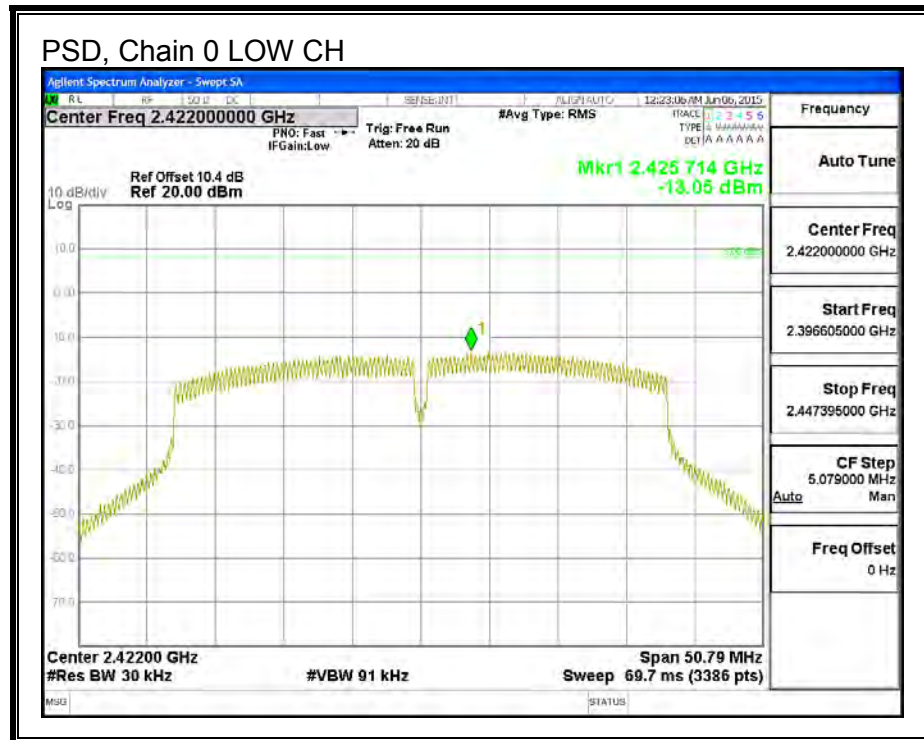
RESULTS

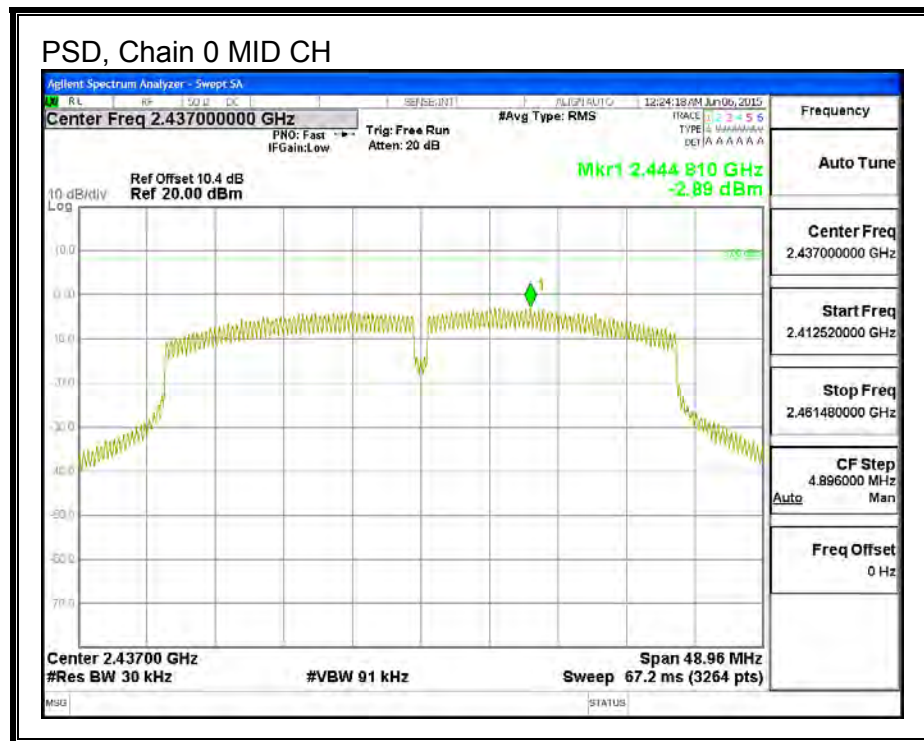
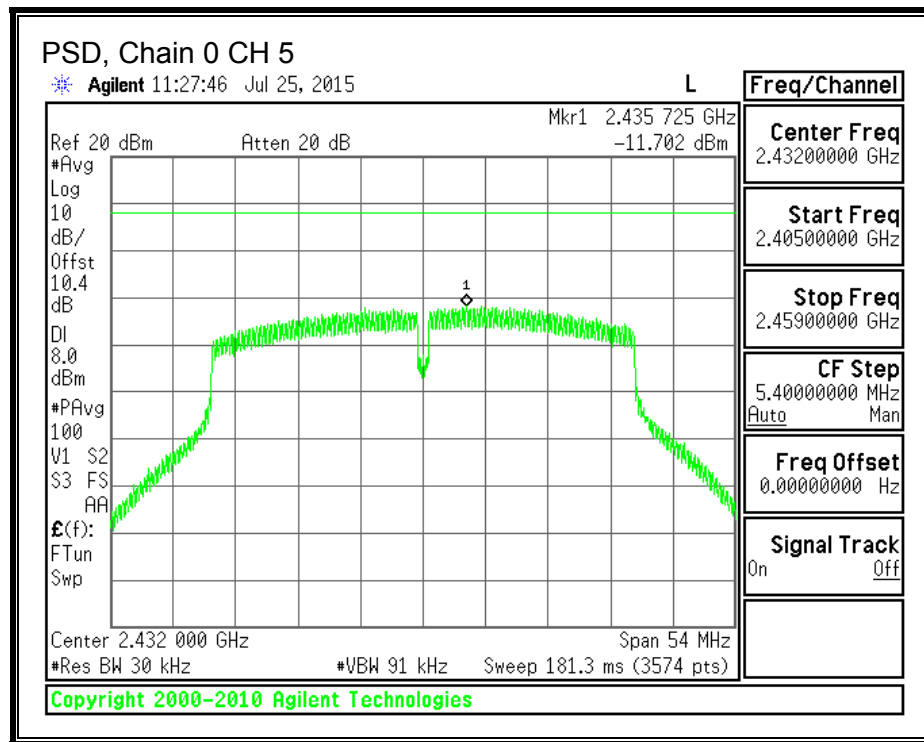
Duty Cycle CF (dB)	0.35	Included in Calculations of Corr'd PSD
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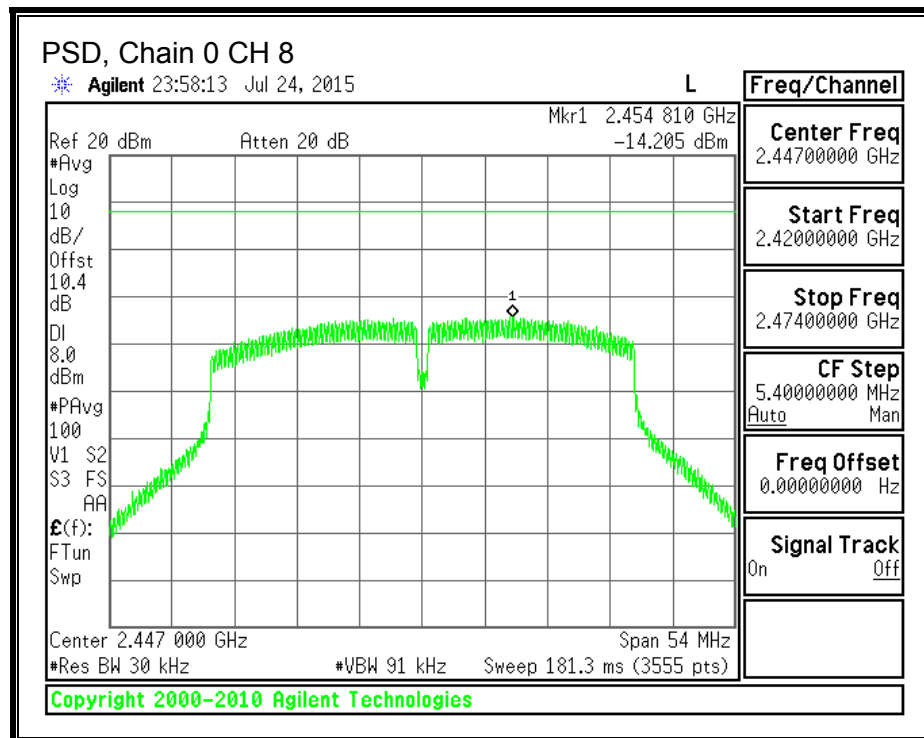
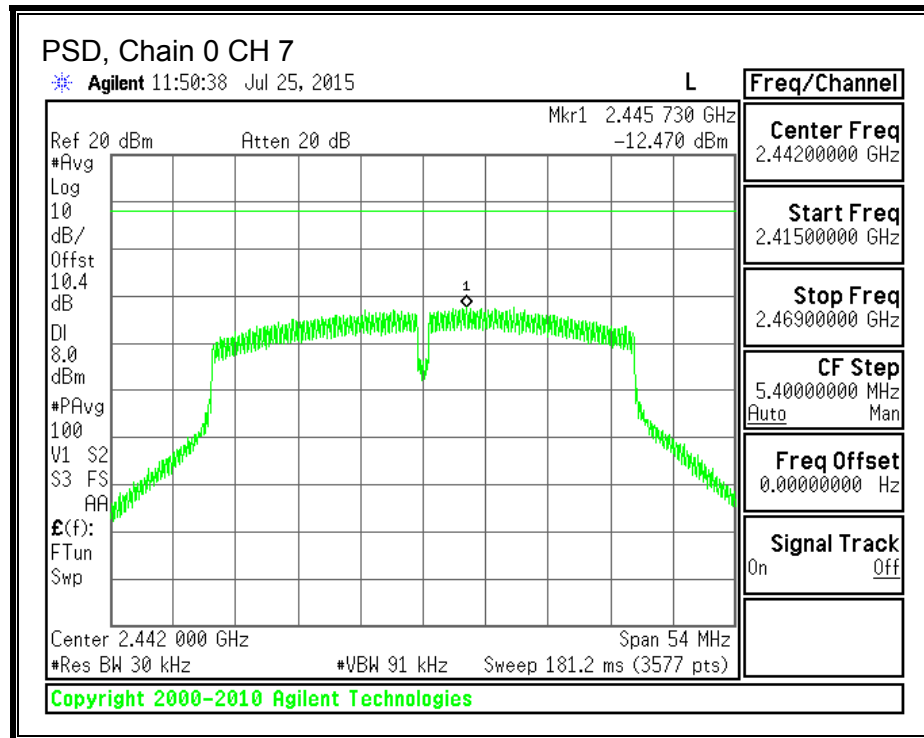
PSD Results

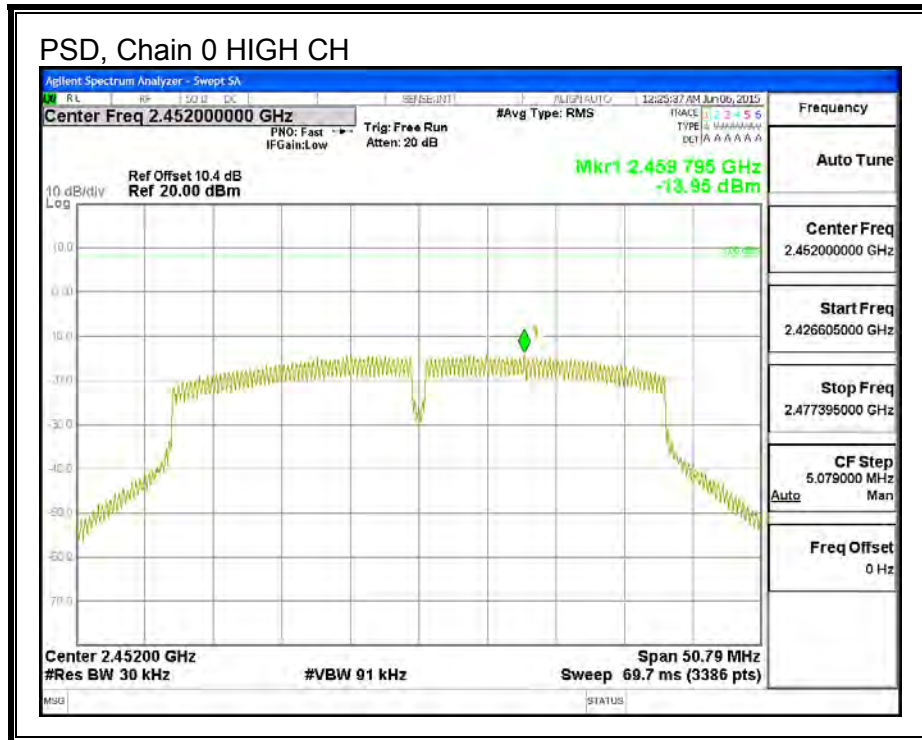
Channel	Frequency (MHz)	Chain 0 Meas (dBm)	Chain 1 Meas (dBm)	Total Corr'd PSD (dBm)	Limit (dBm)	Margin (dB)
Low	2422	-13.05	-13.03	-9.68	8.0	-17.7
4	2427	-13.21	-12.48	-9.47	8.0	-17.5
5	2432	-11.70	-12.17	-8.57	8.0	-16.6
Mid	2437	-2.89	-3.38	0.23	8.0	-7.8
7	2442	-12.47	-12.30	-9.02	8.0	-17.0
8	2447	-14.21	-14.40	-10.94	8.0	-18.9
High	2452	-13.95	-13.87	-10.55	8.0	-18.5

PSD, Chain 0

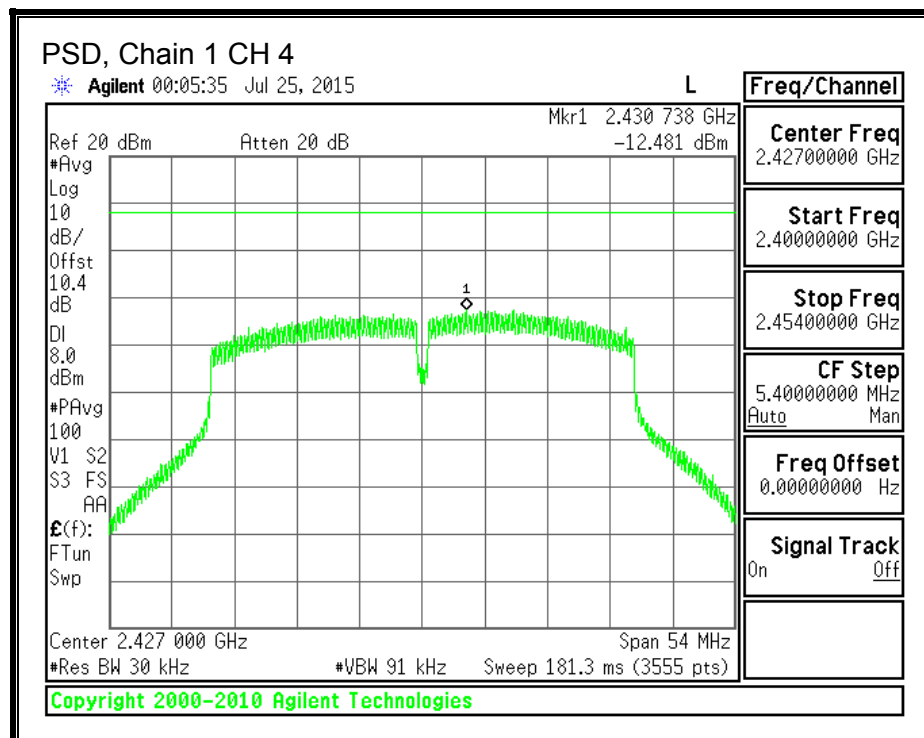
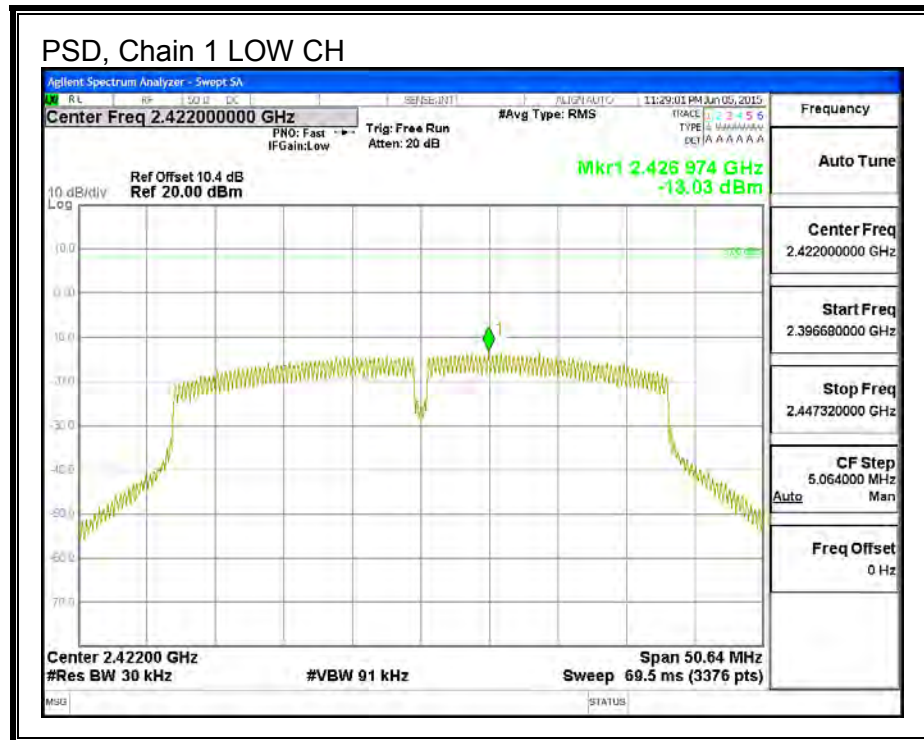


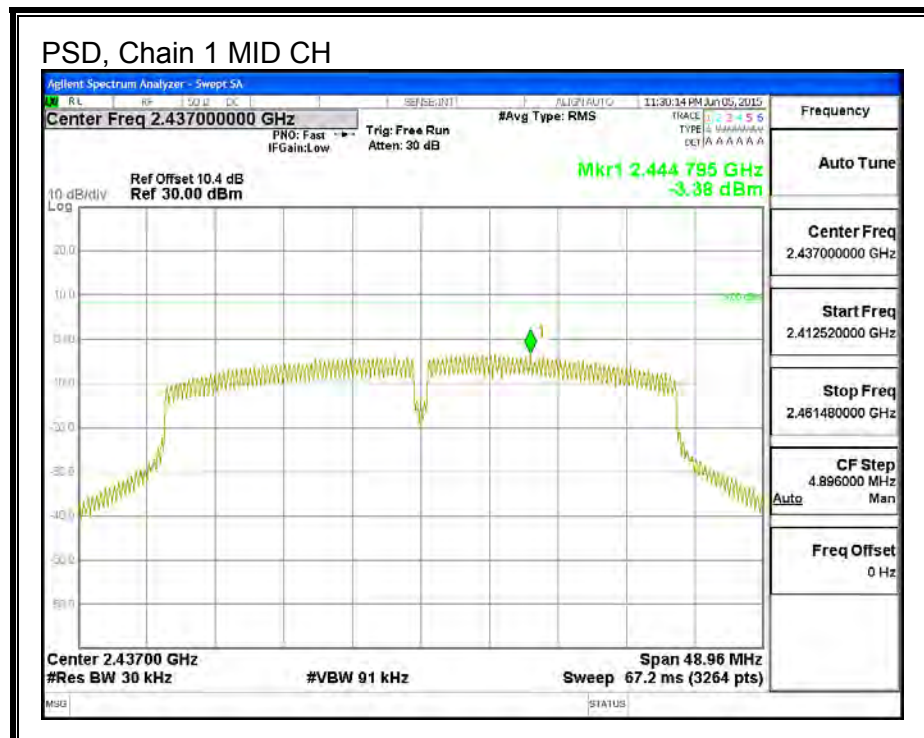
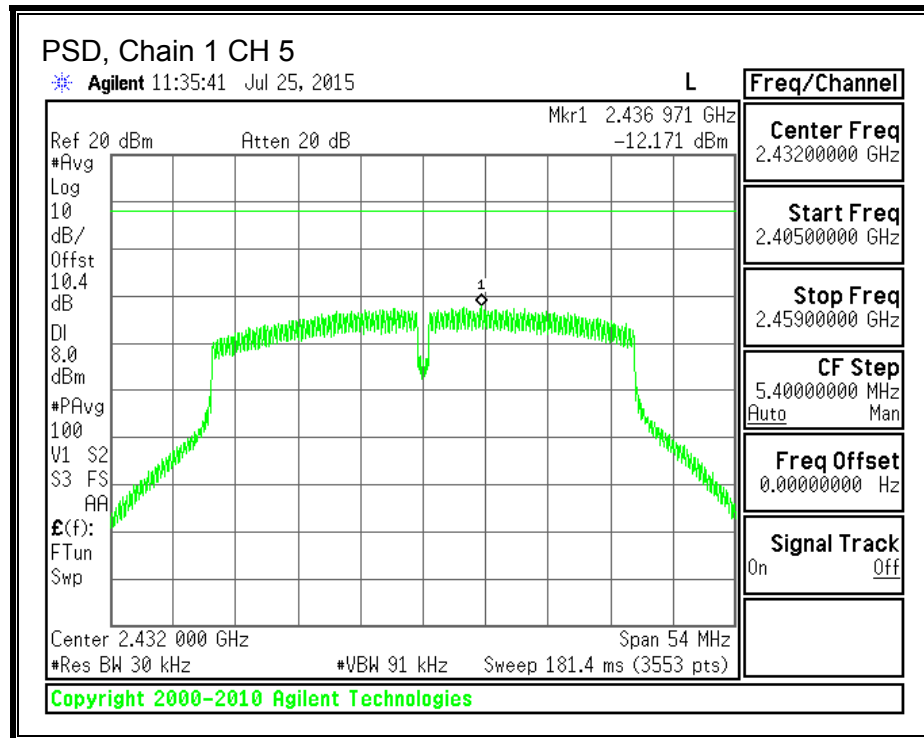


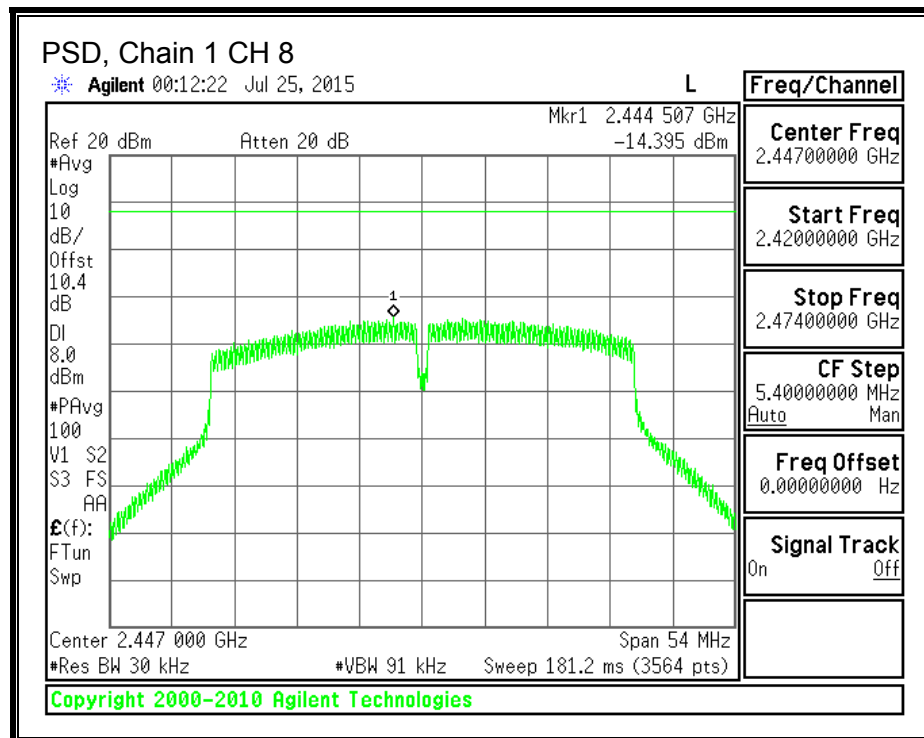
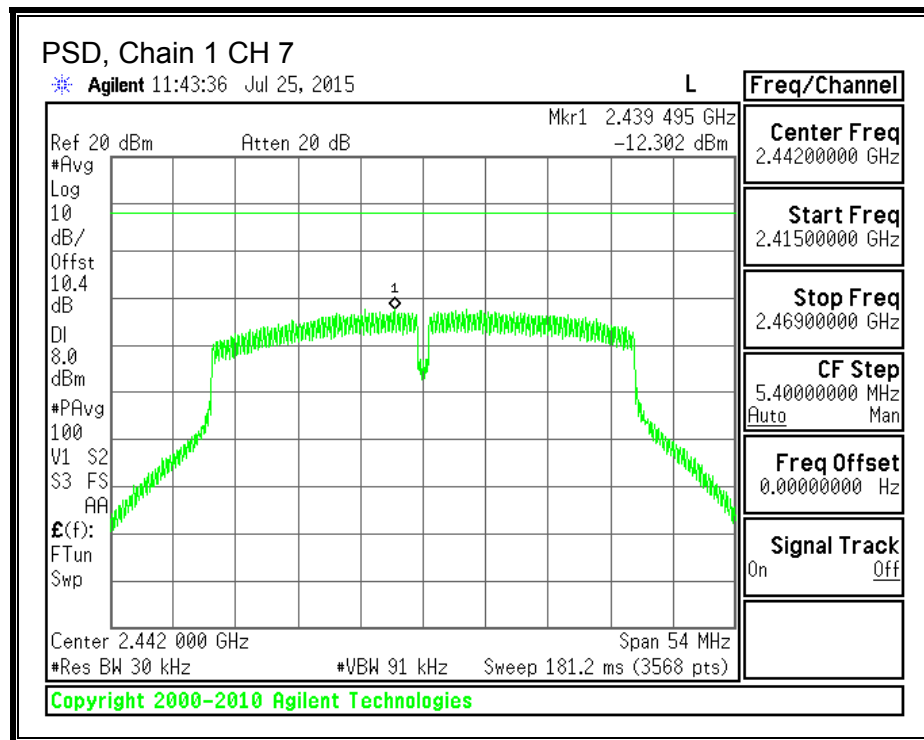


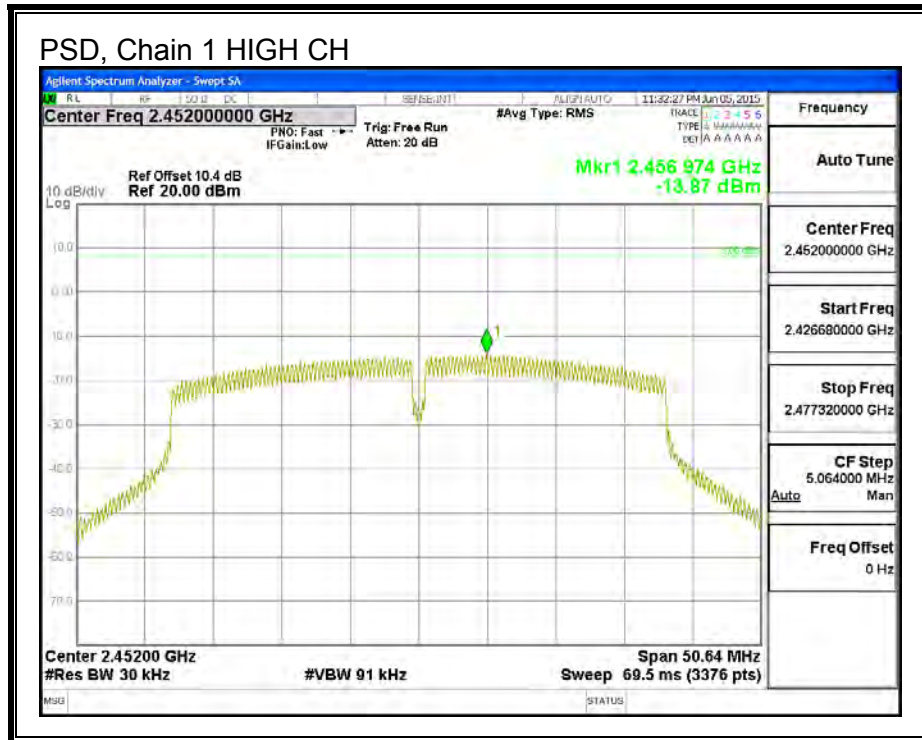


PSD, Chain 1









8.5.5. OUT-OF-BAND EMISSIONS

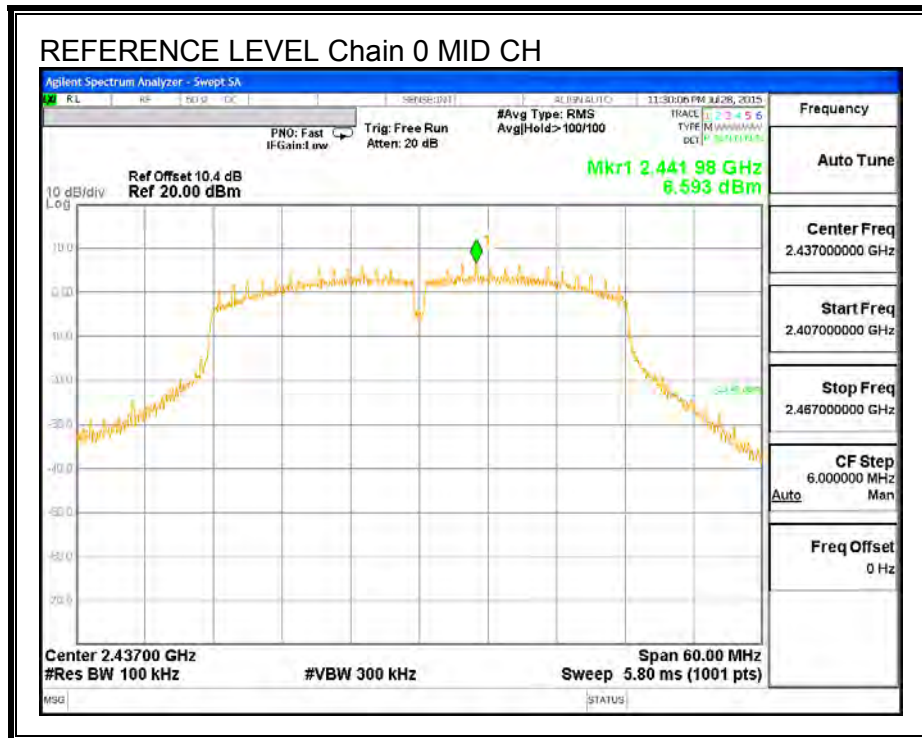
LIMITS

FCC §15.247 (d)

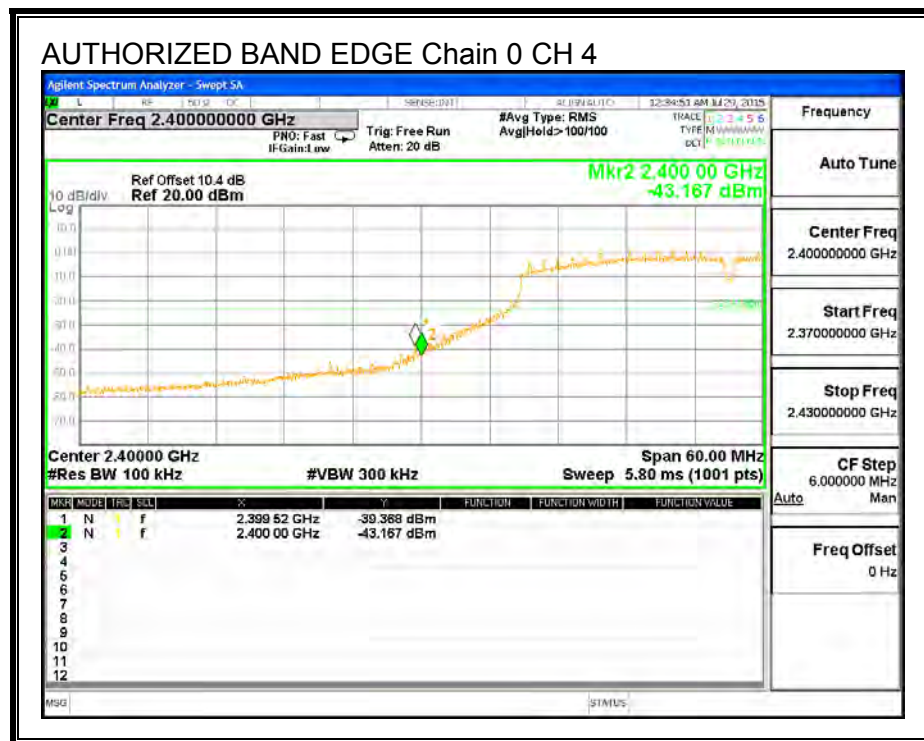
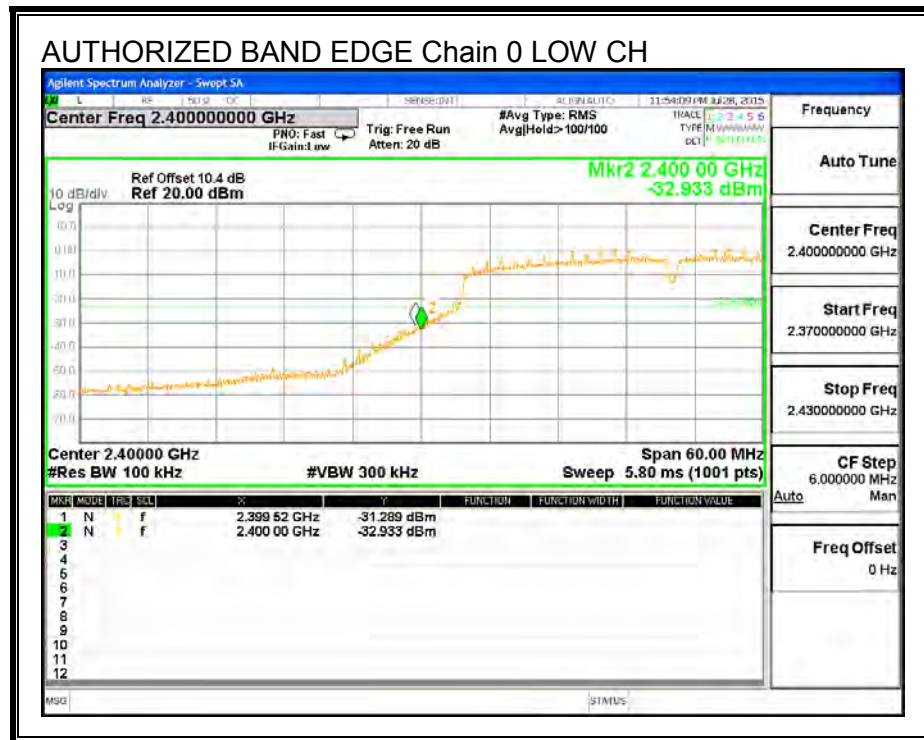
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required.

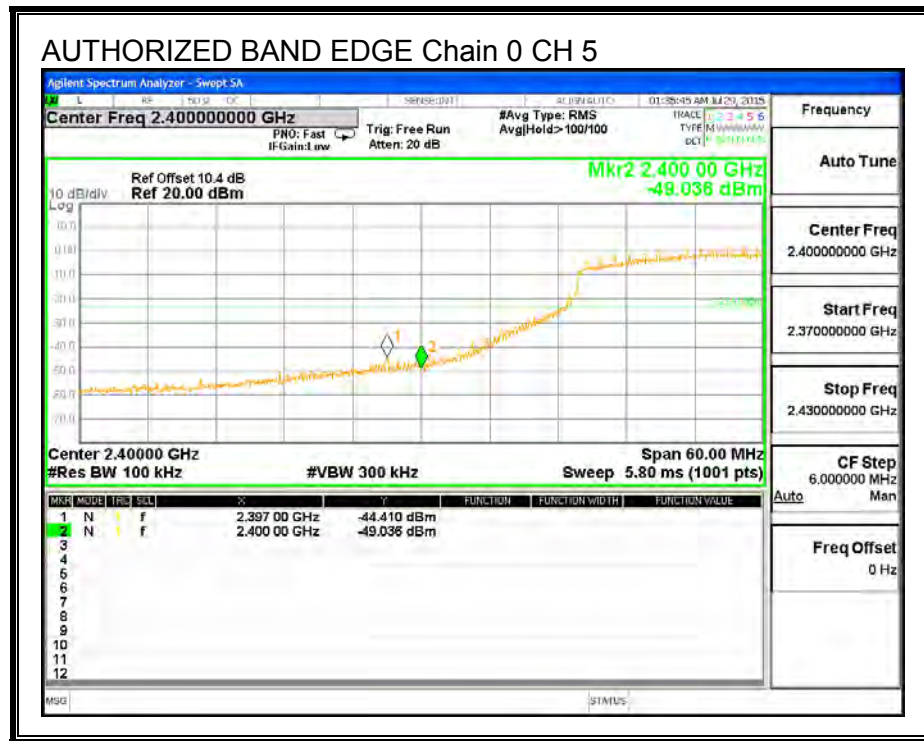
RESULTS

IN-BAND REFERENCE LEVEL, Chain 0

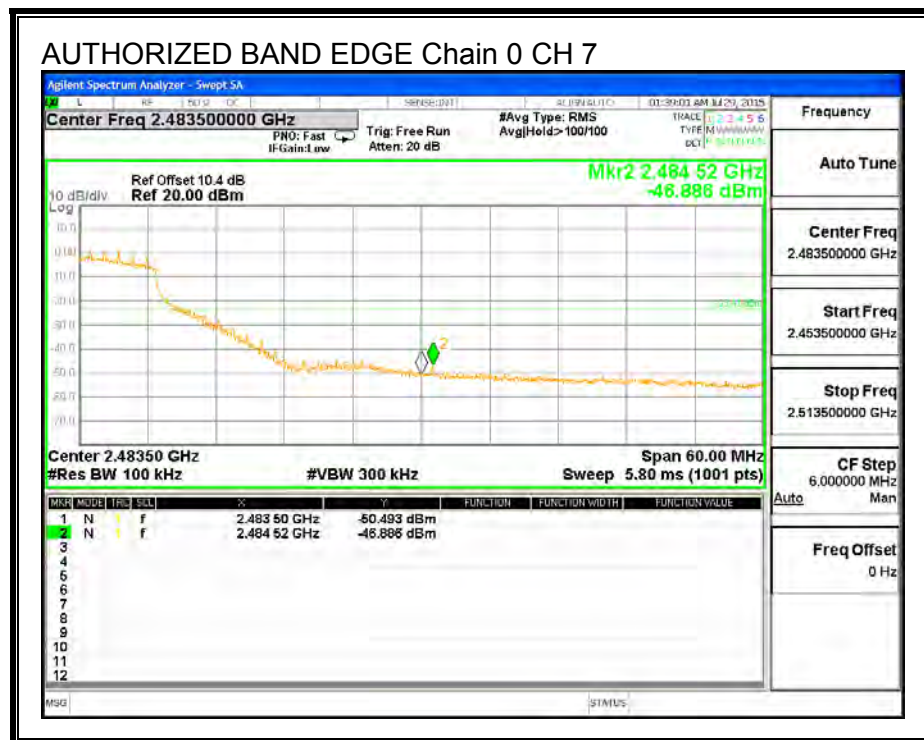


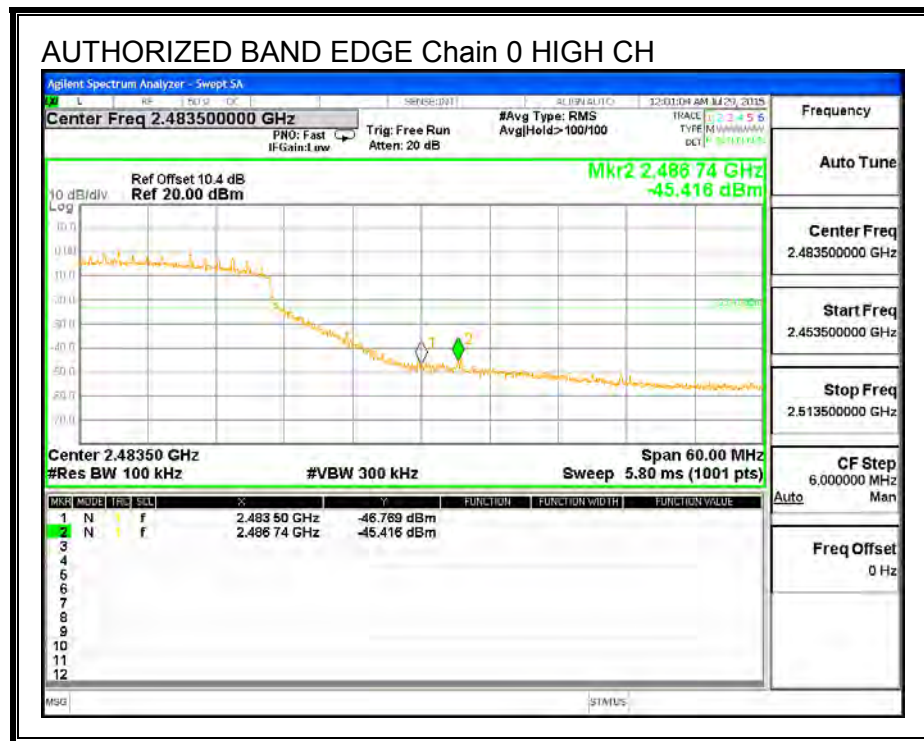
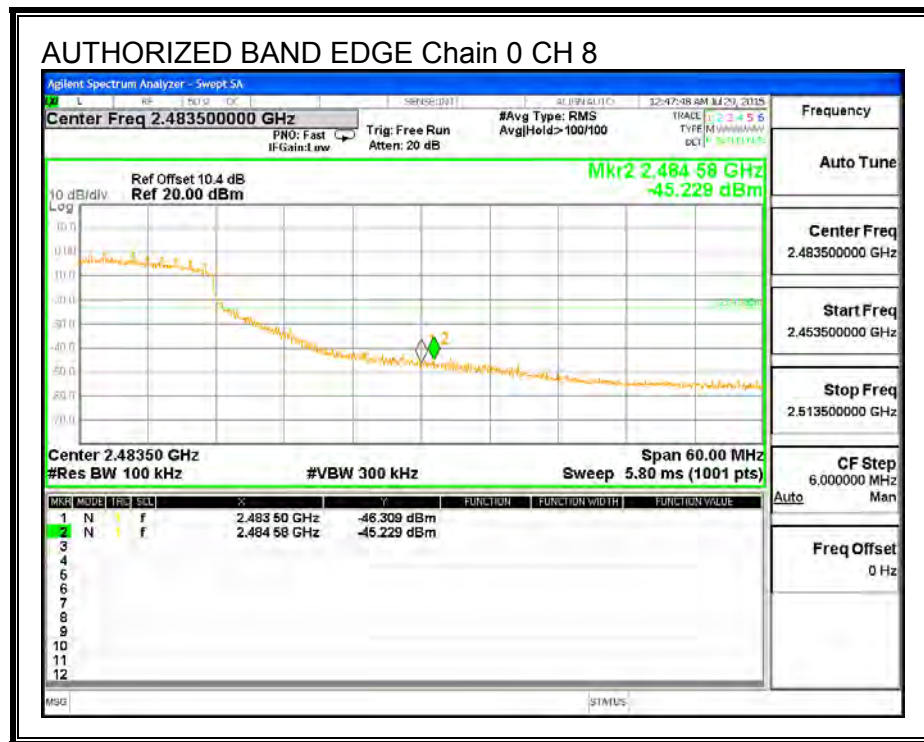
LOW CHANNEL BANDEDGE, Chain 0



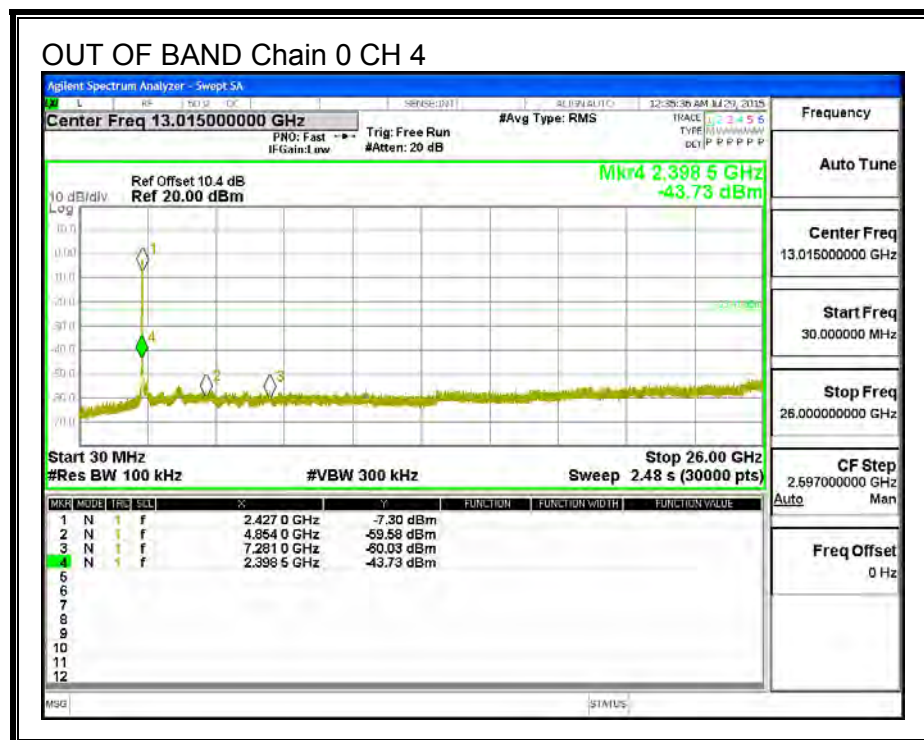
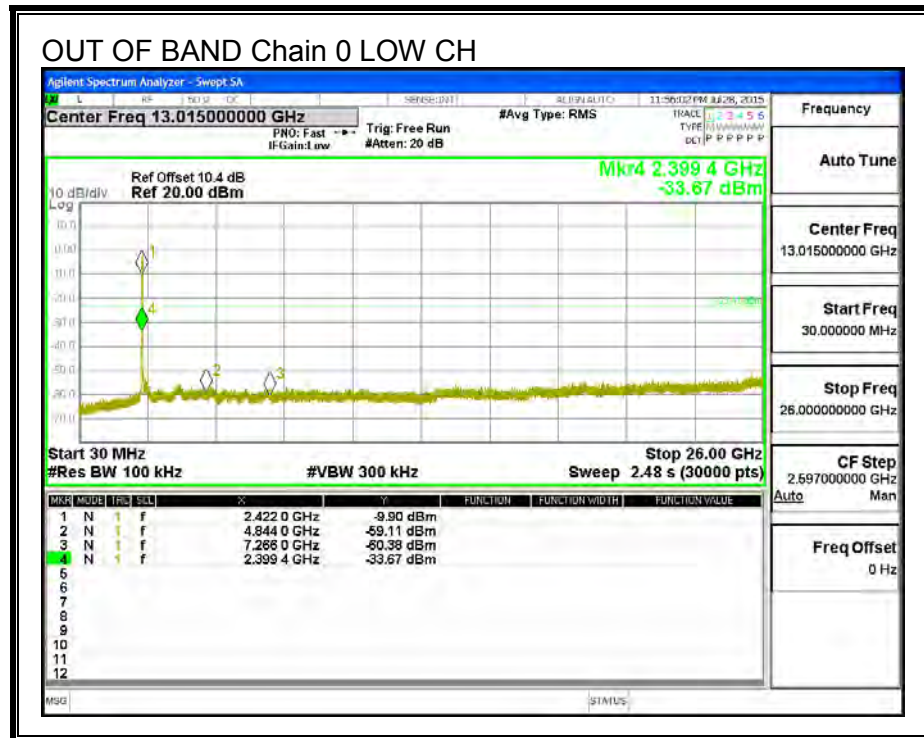


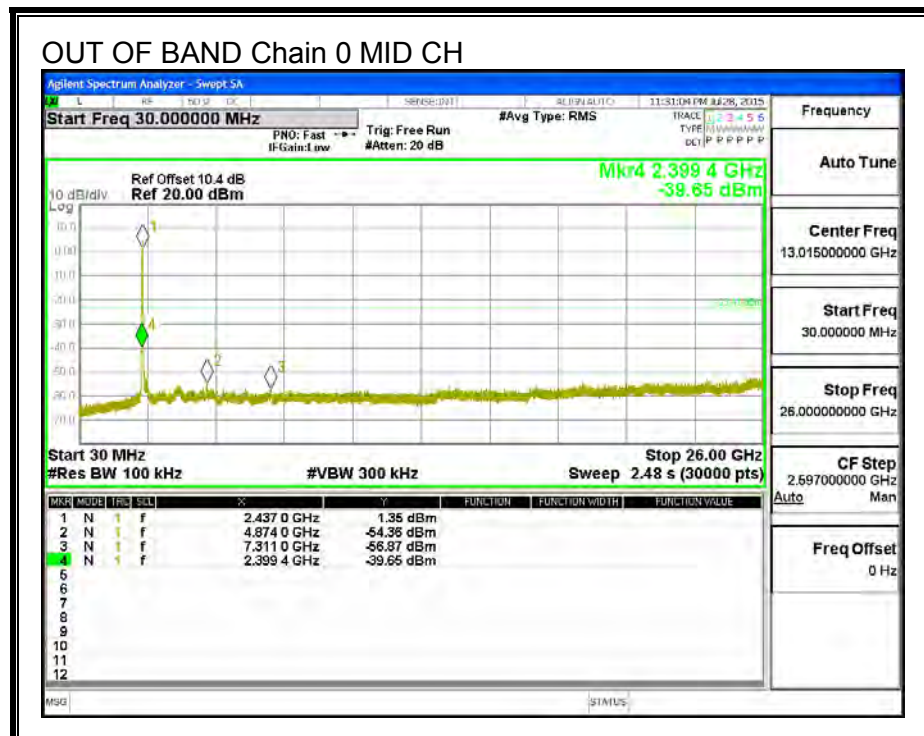
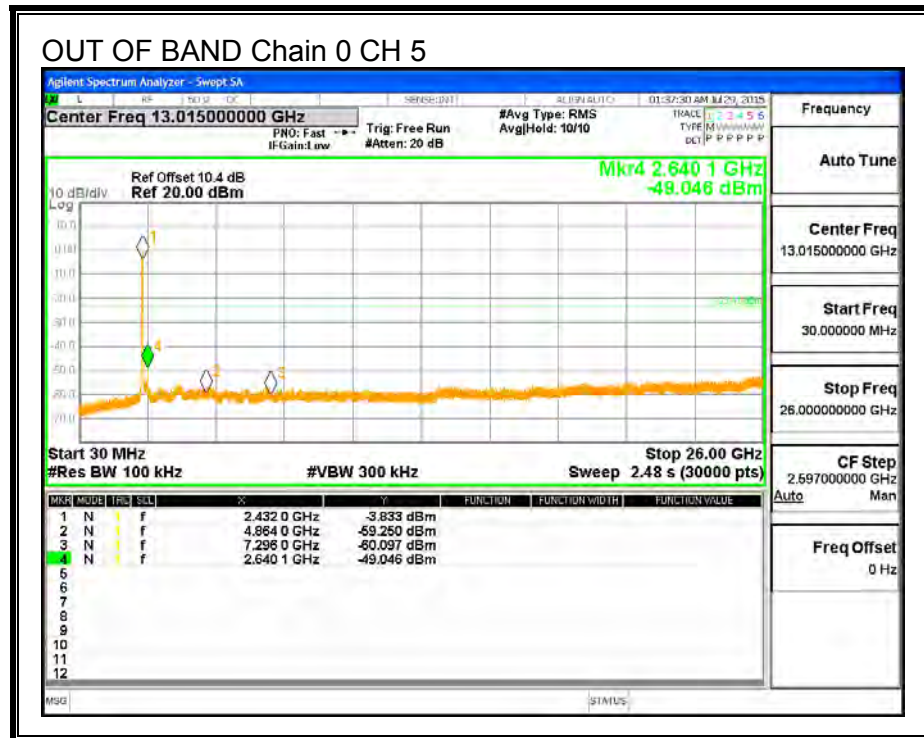
HIGH CHANNEL BANDEDGE, Chain 0

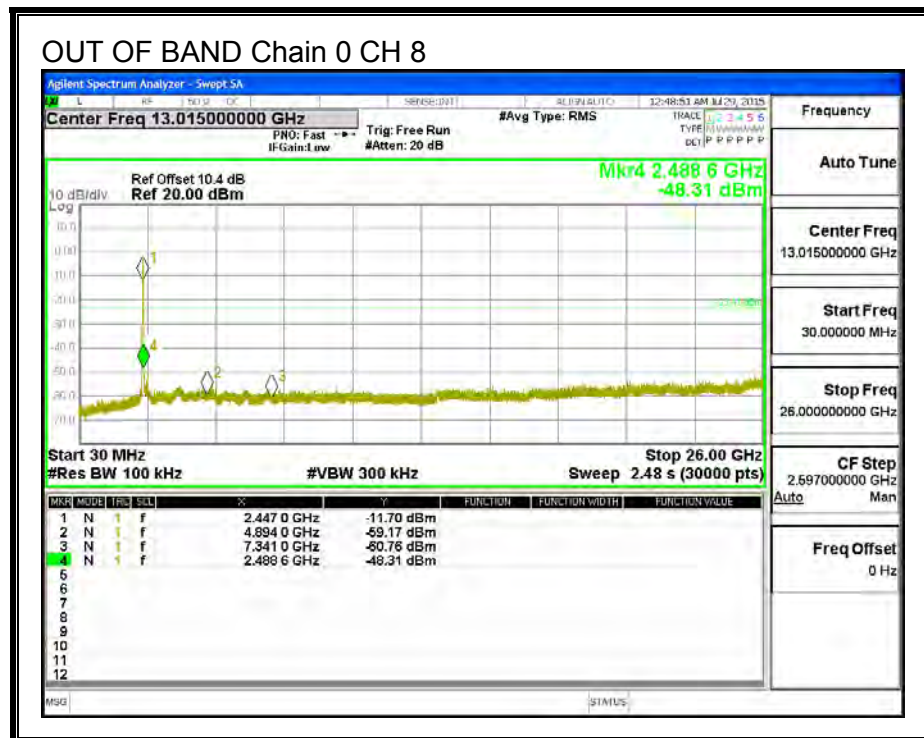
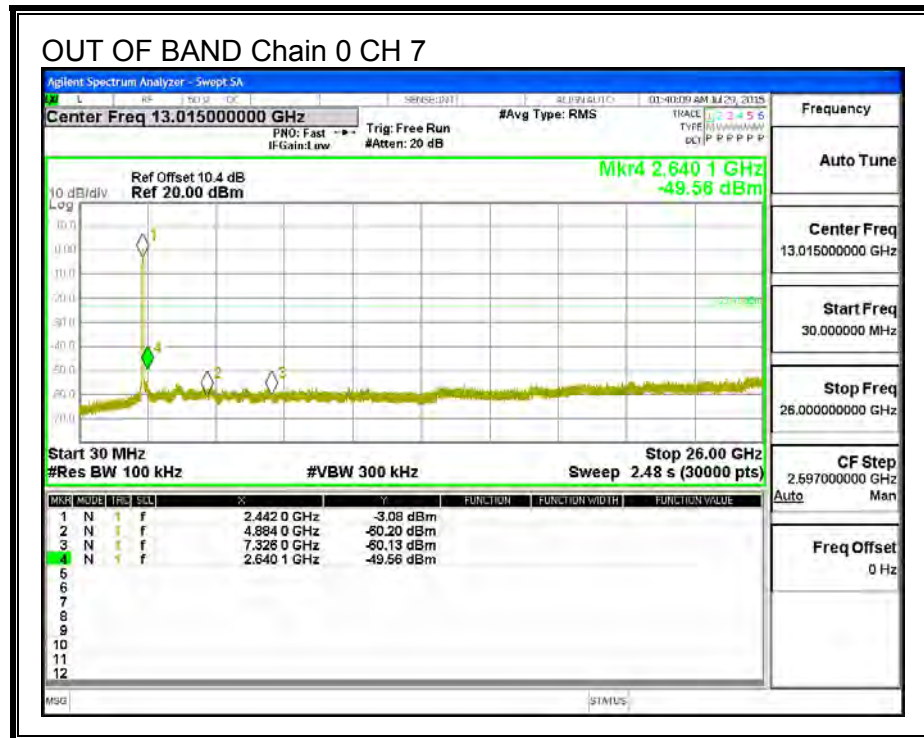


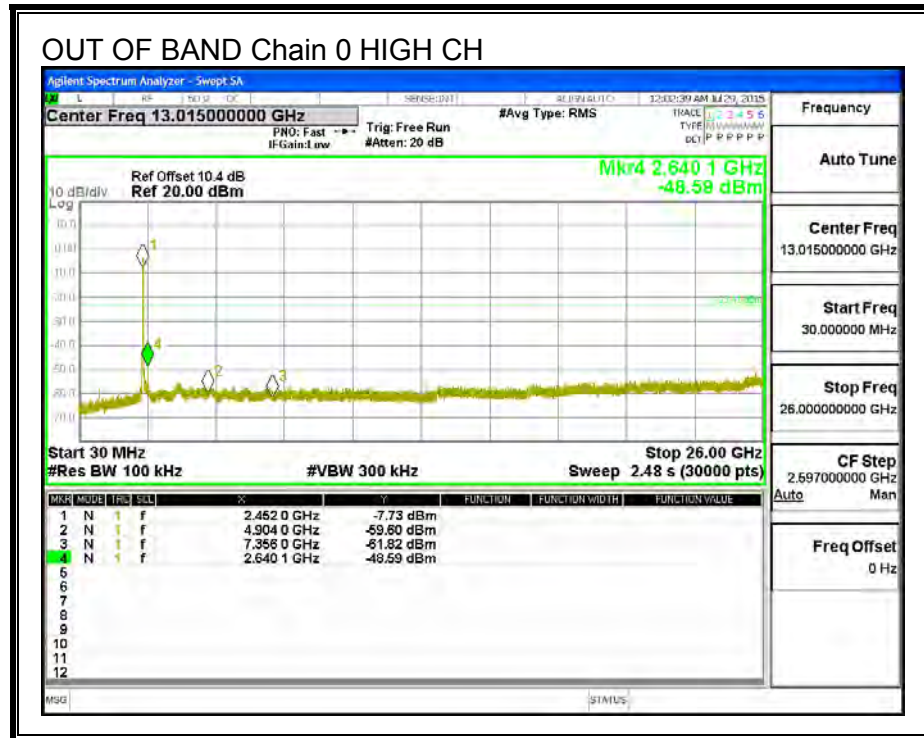


OUT-OF-BAND EMISSIONS, Chain 0

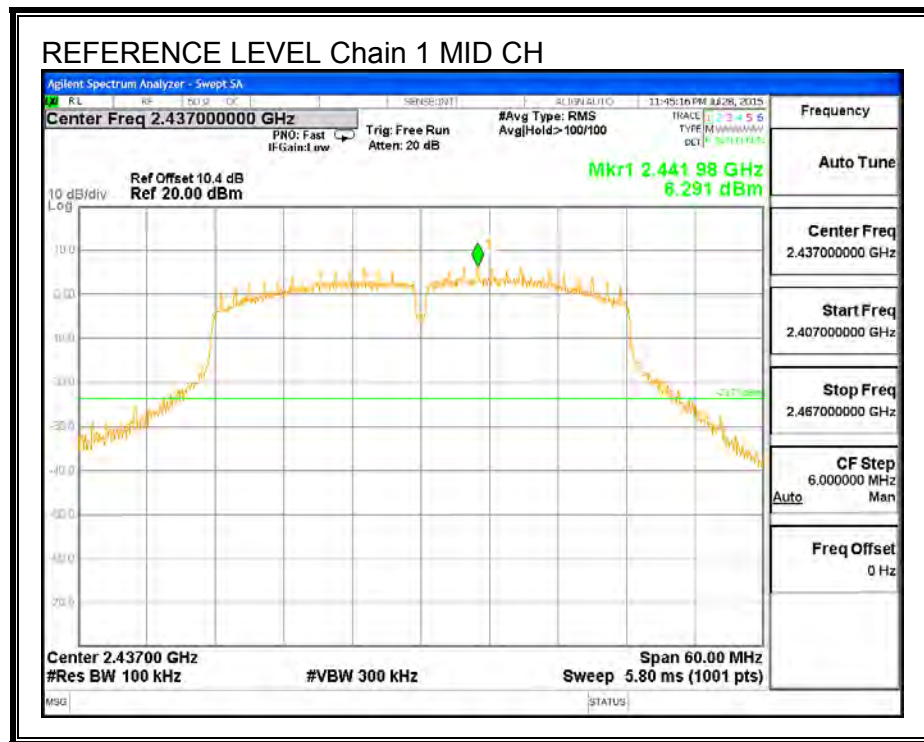




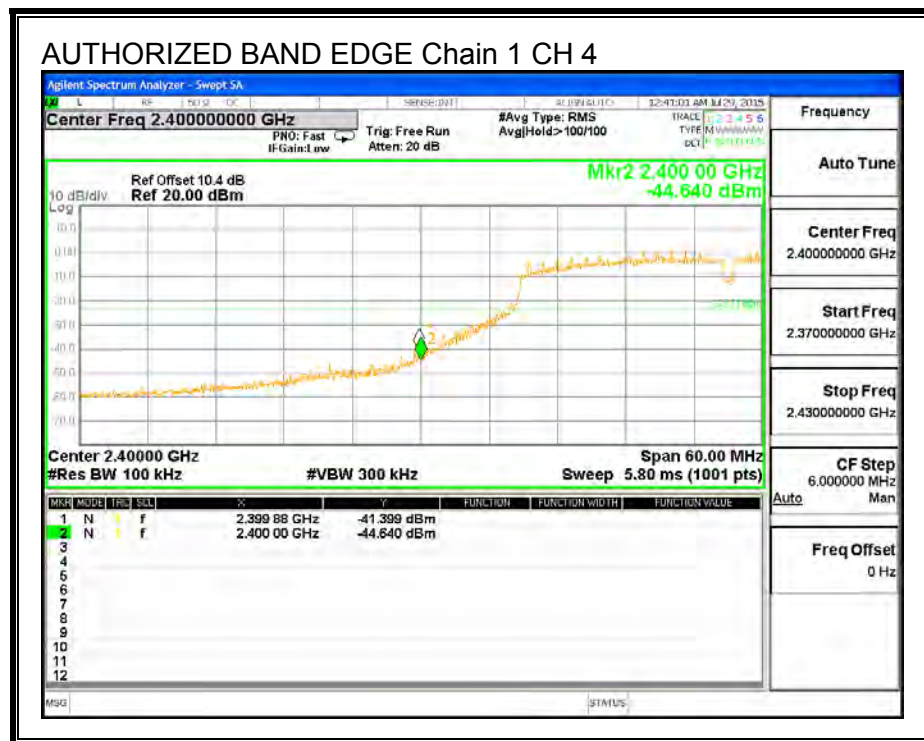
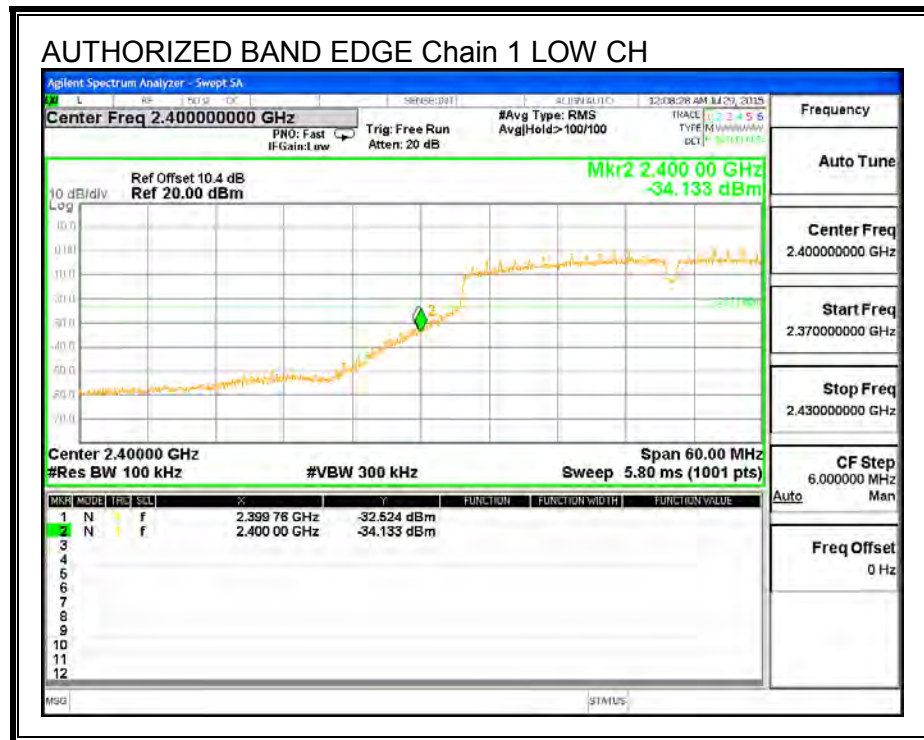


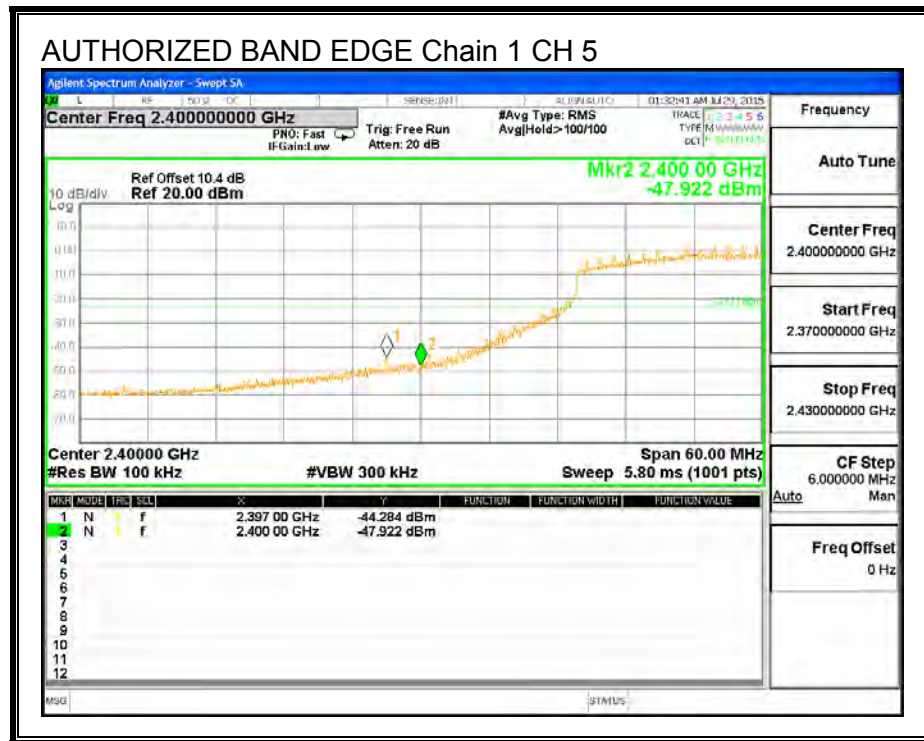


IN-BAND REFERENCE LEVEL, Chain 1

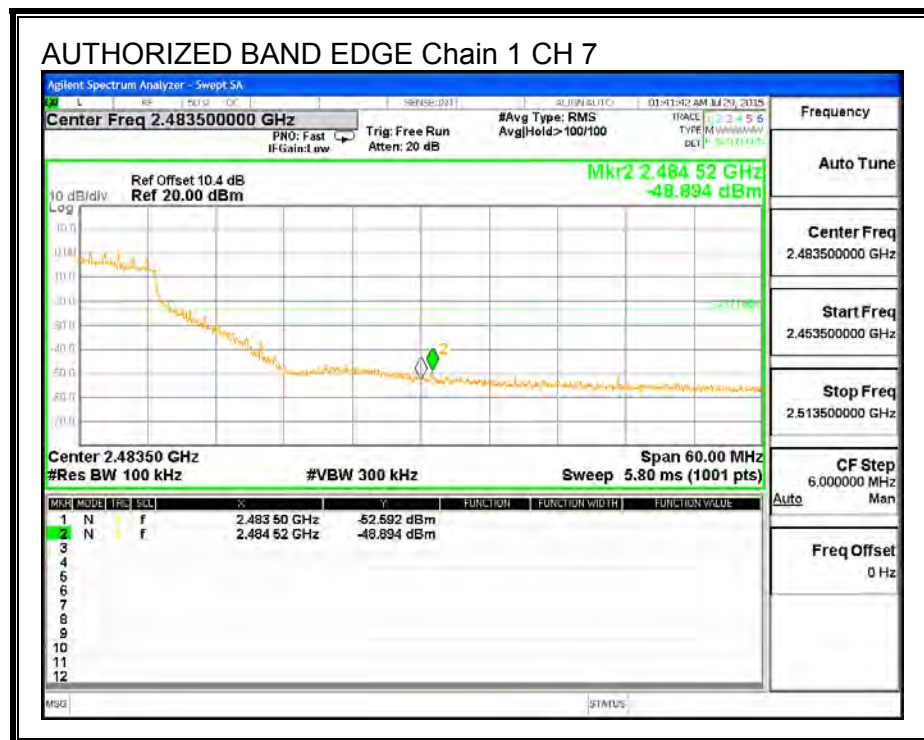


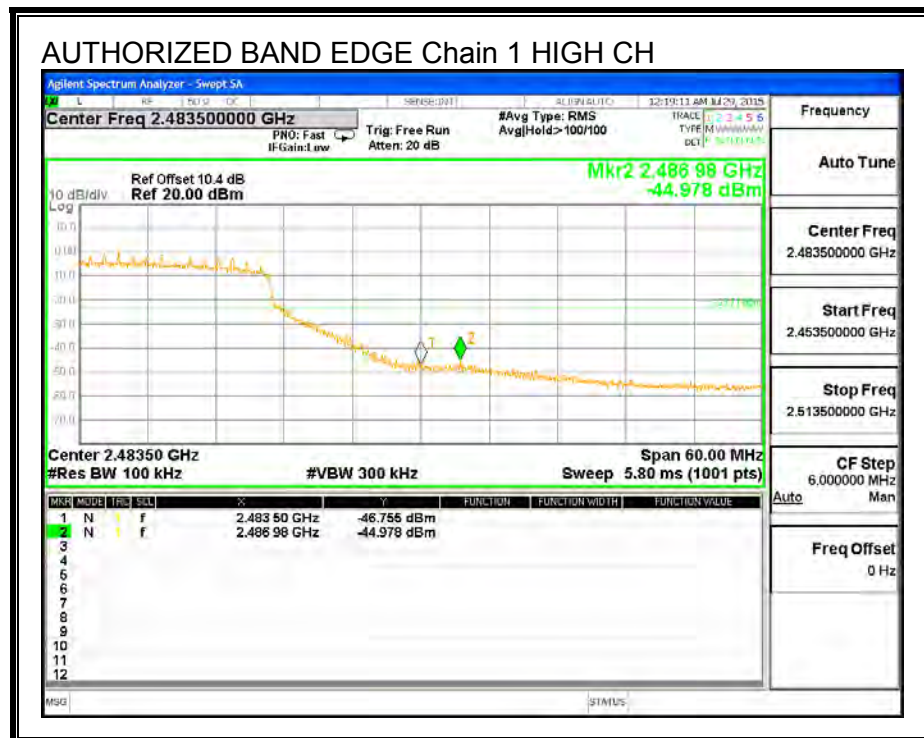
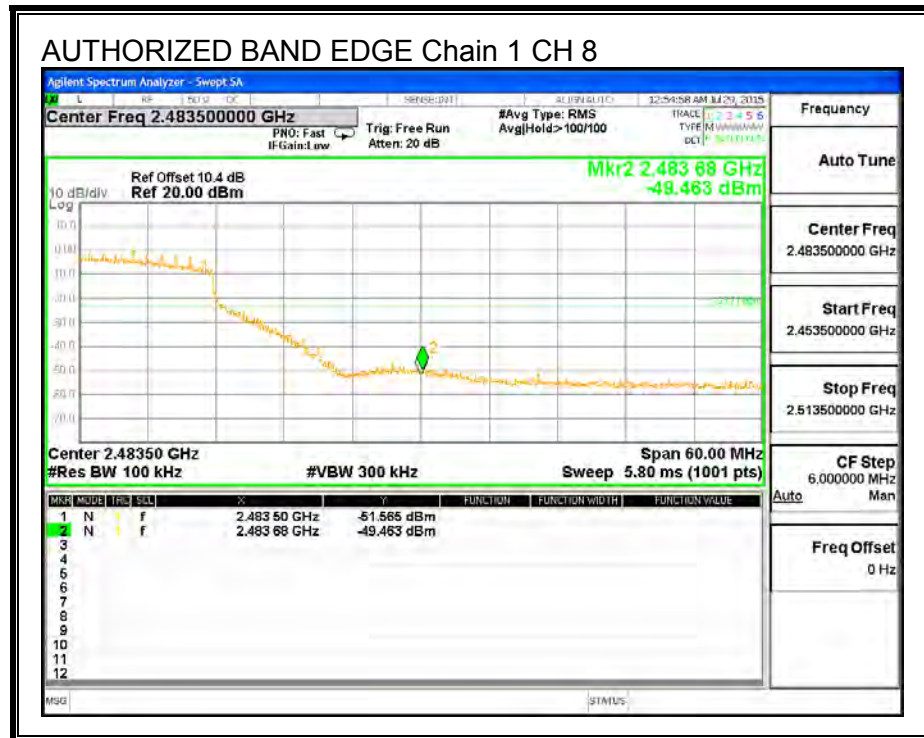
LOW CHANNEL BANDEDGE, Chain 1

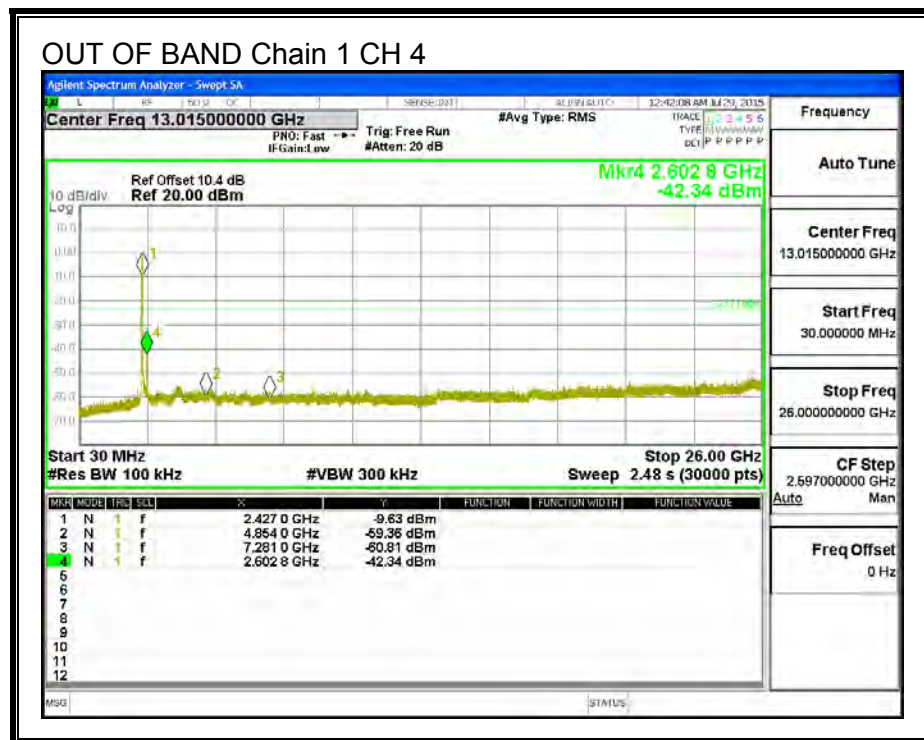
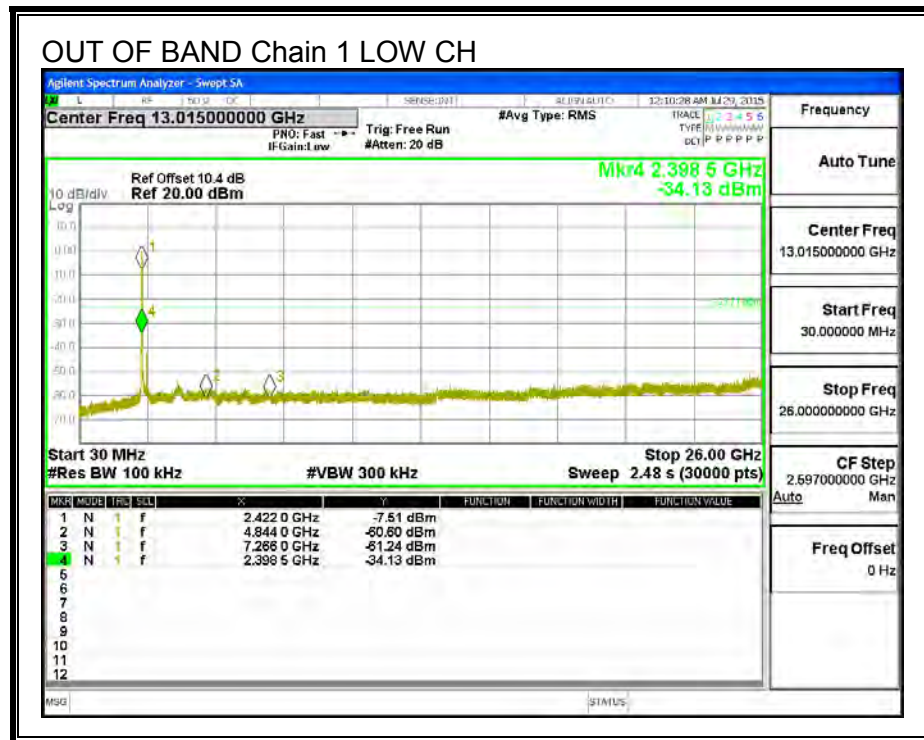


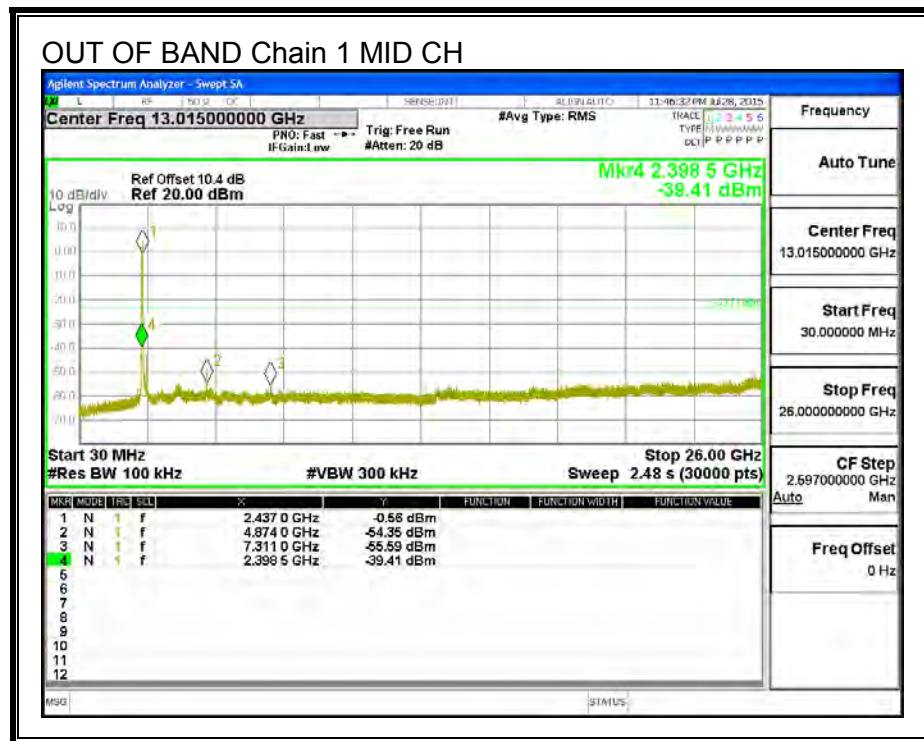
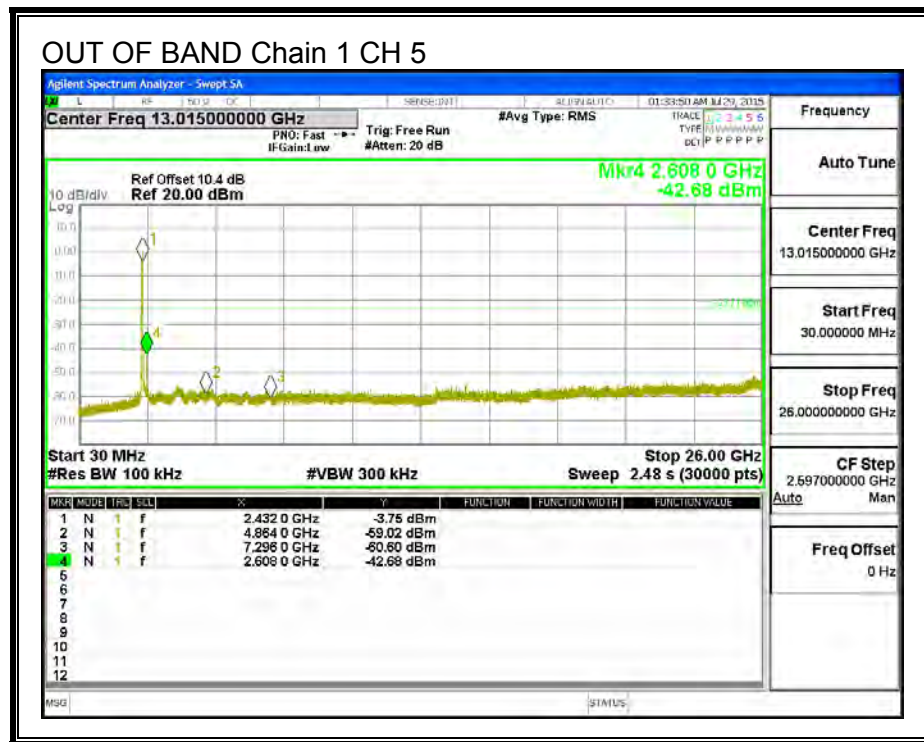


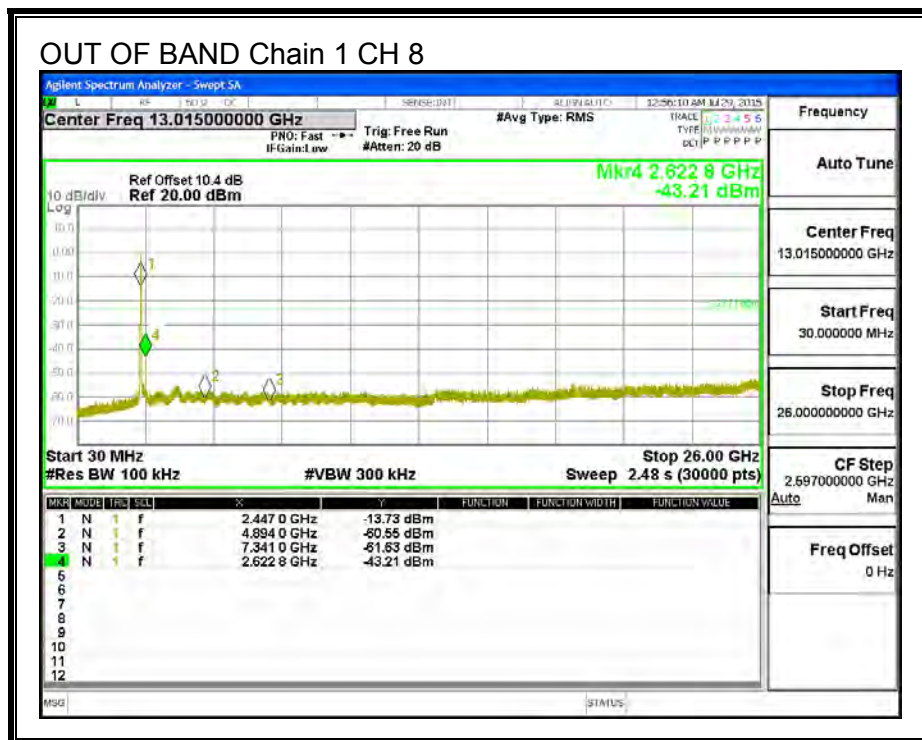
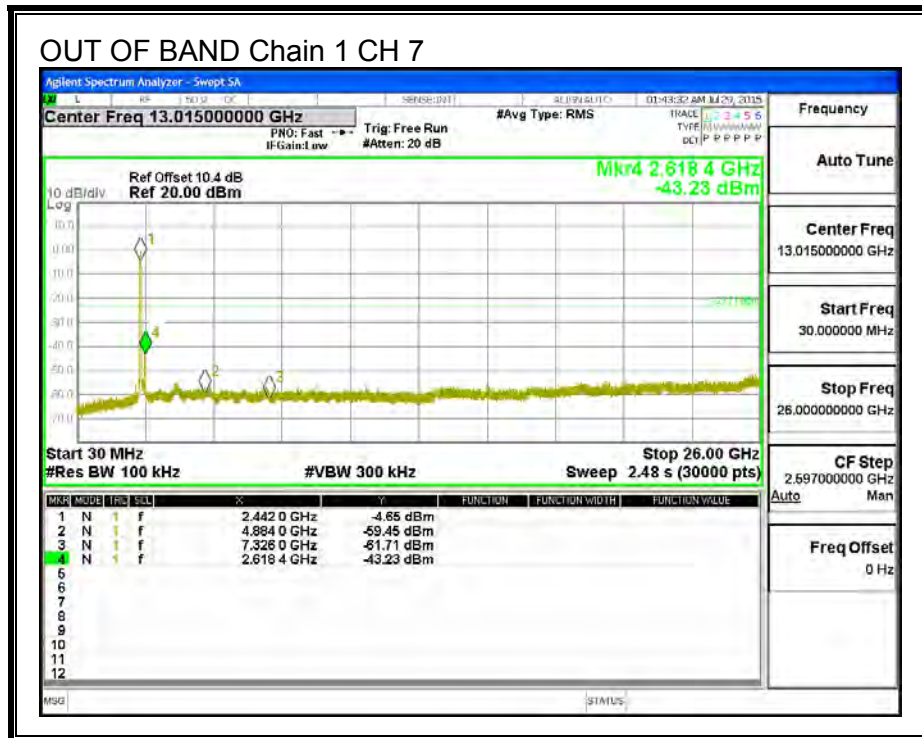
HIGH CHANNEL BANDEDGE, Chain 1

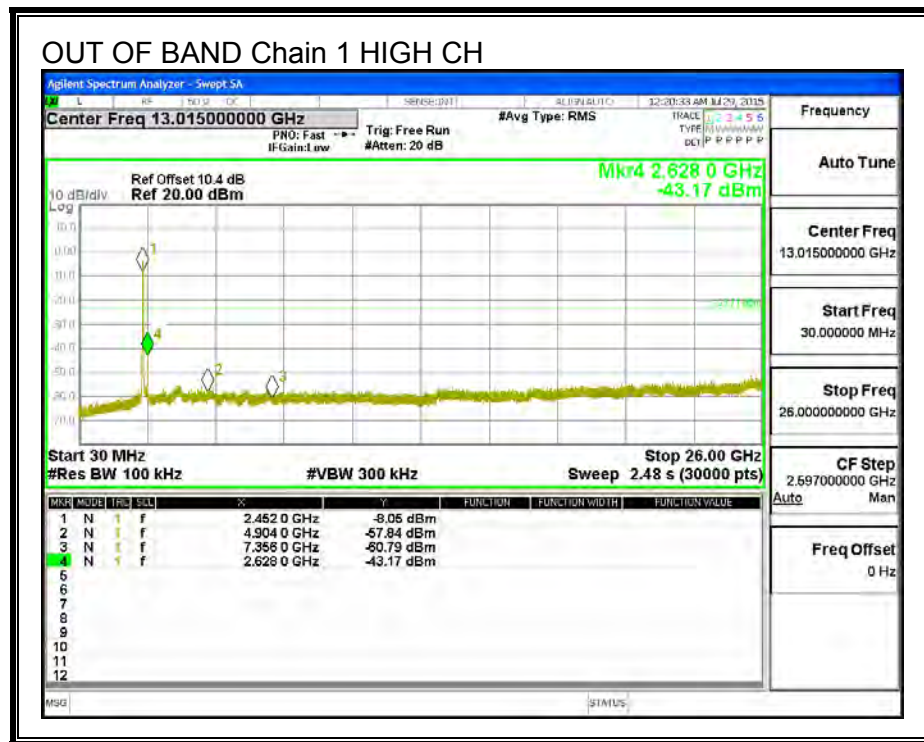












9. RADIATED TEST RESULTS

9.1. LIMITS AND PROCEDURE

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. 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 1 MHz for peak measurements and as applicable for average measurements.

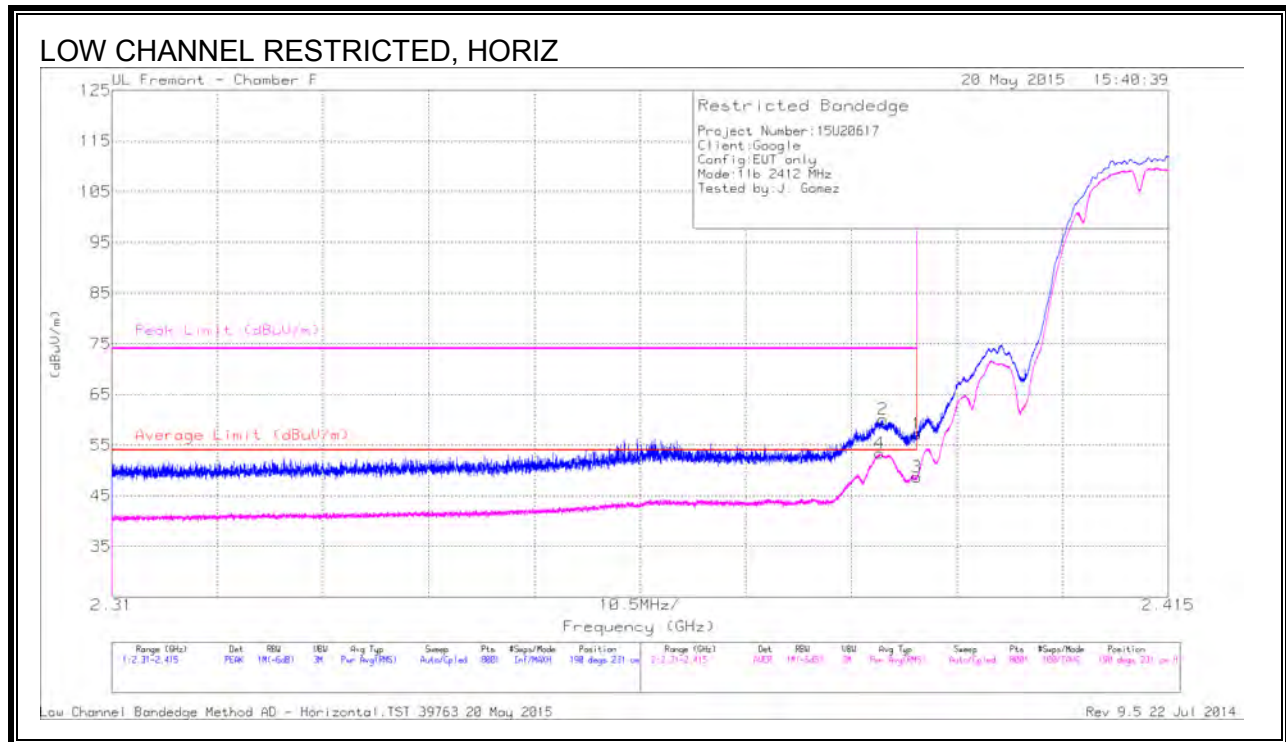
The spectrum from 30 MHz to 26 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band.

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 2TX MODE IN THE 2.4 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Ftr/Pad (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	46.22	PK	31.9	-20.9	57.22	-	-	74	-16.78	190	231	H
2	* 2.387	49.11	PK	31.9	-20.9	60.11	-	-	74	-13.89	190	231	H
3	* 2.39	37.65	RMS	31.9	-20.9	48.65	54	-5.35	-	-	190	231	H
4	* 2.386	42.36	RMS	31.9	-20.9	53.36	54	-64	-	-	190	231	H

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection

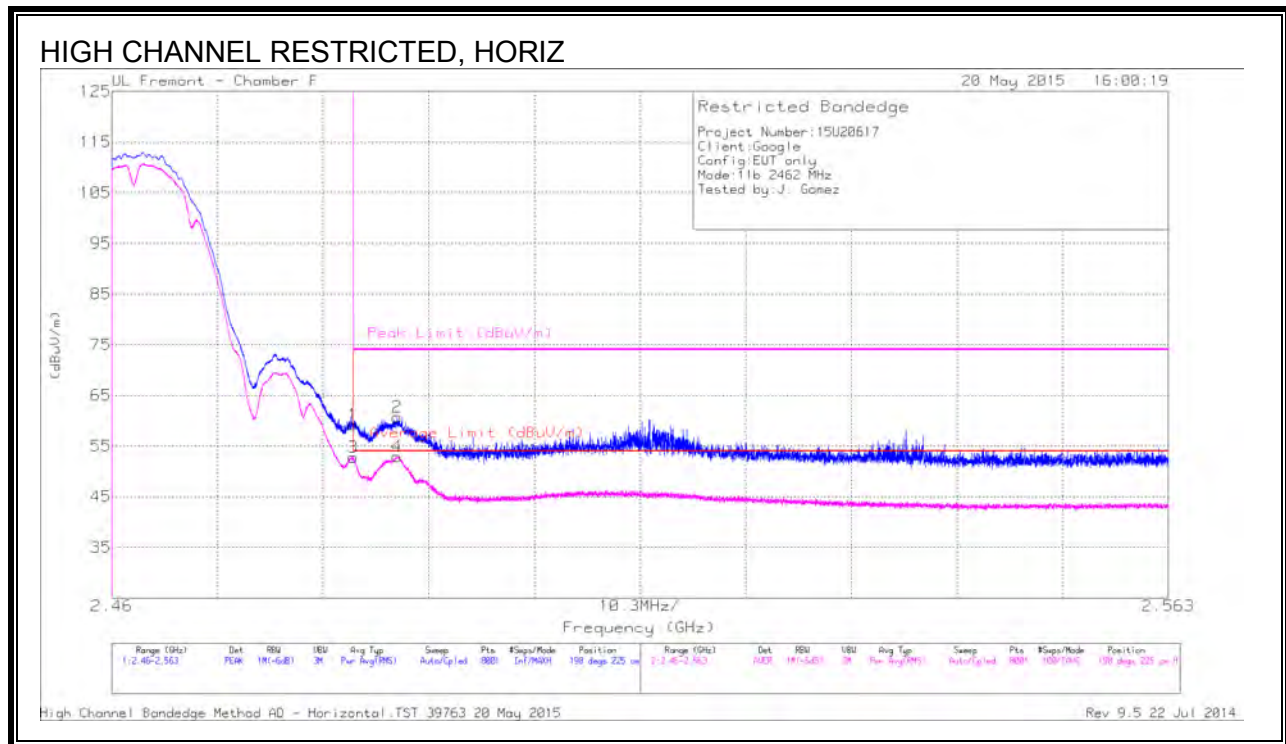


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	43.89	PK	31.9	-20.9	54.89	-	-	74	-19.11	3	231	V
2	* 2.386	46.92	PK	31.9	-20.9	57.92	-	-	74	-16.08	3	231	V
3	* 2.39	34.97	RMS	31.9	-20.9	45.97	54	-8.03	-	-	3	231	V
4	* 2.387	38.58	RMS	31.9	-20.9	49.58	54	-4.42	-	-	3	231	V

* - indicates frequency in CFR 47, Part 15 Restricted Band”.

PK - Peak detector
RMS - RMS detection

AUTHORIZED BANDEGE (HIGH CHANNEL)

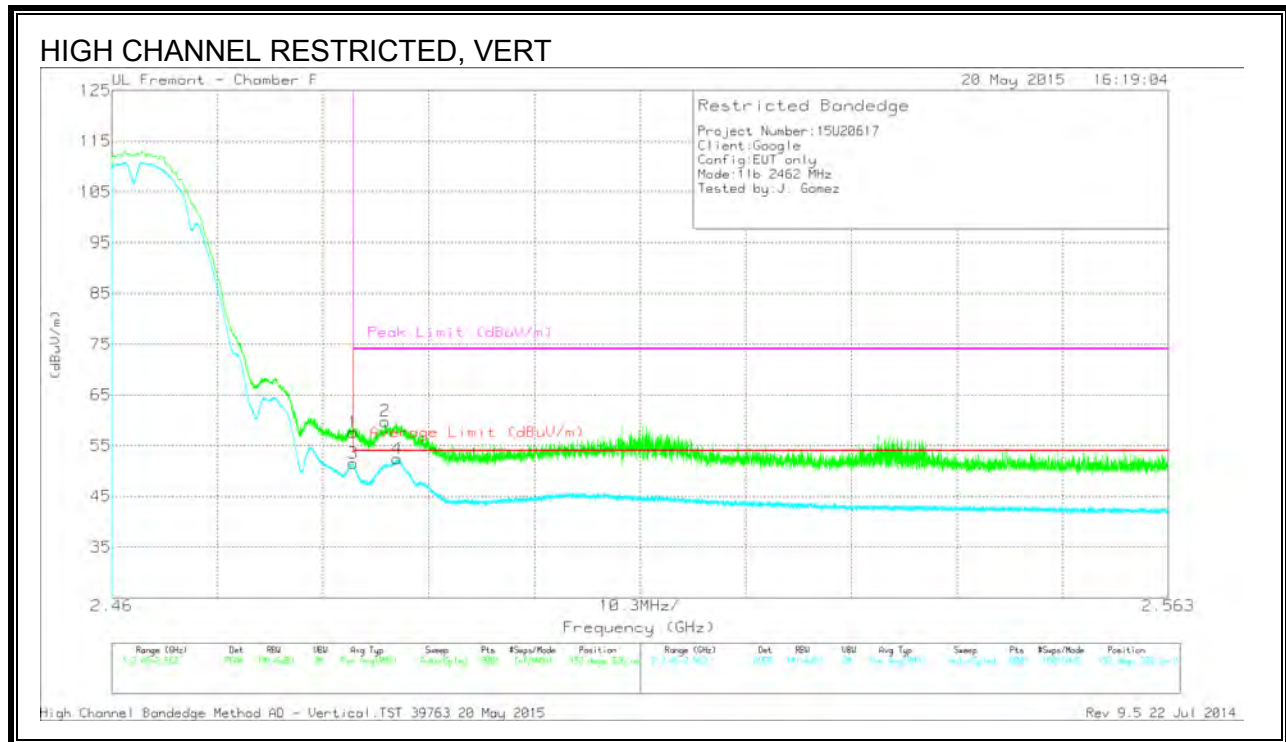


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/ Filt/Pad (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	47.98	PK	32.2	-20.9	59.28	-	-	74	-14.72	198	225	H
2	* 2.488	49.44	PK	32.2	-20.9	60.74	-	-	74	-13.26	198	225	H
3	* 2.484	41.45	RMS	32.2	-20.9	52.75	54	-1.25	-	-	198	225	H
4	* 2.488	41.58	RMS	32.2	-20.9	52.88	54	-1.12	-	-	198	225	H

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection



Trace Markers

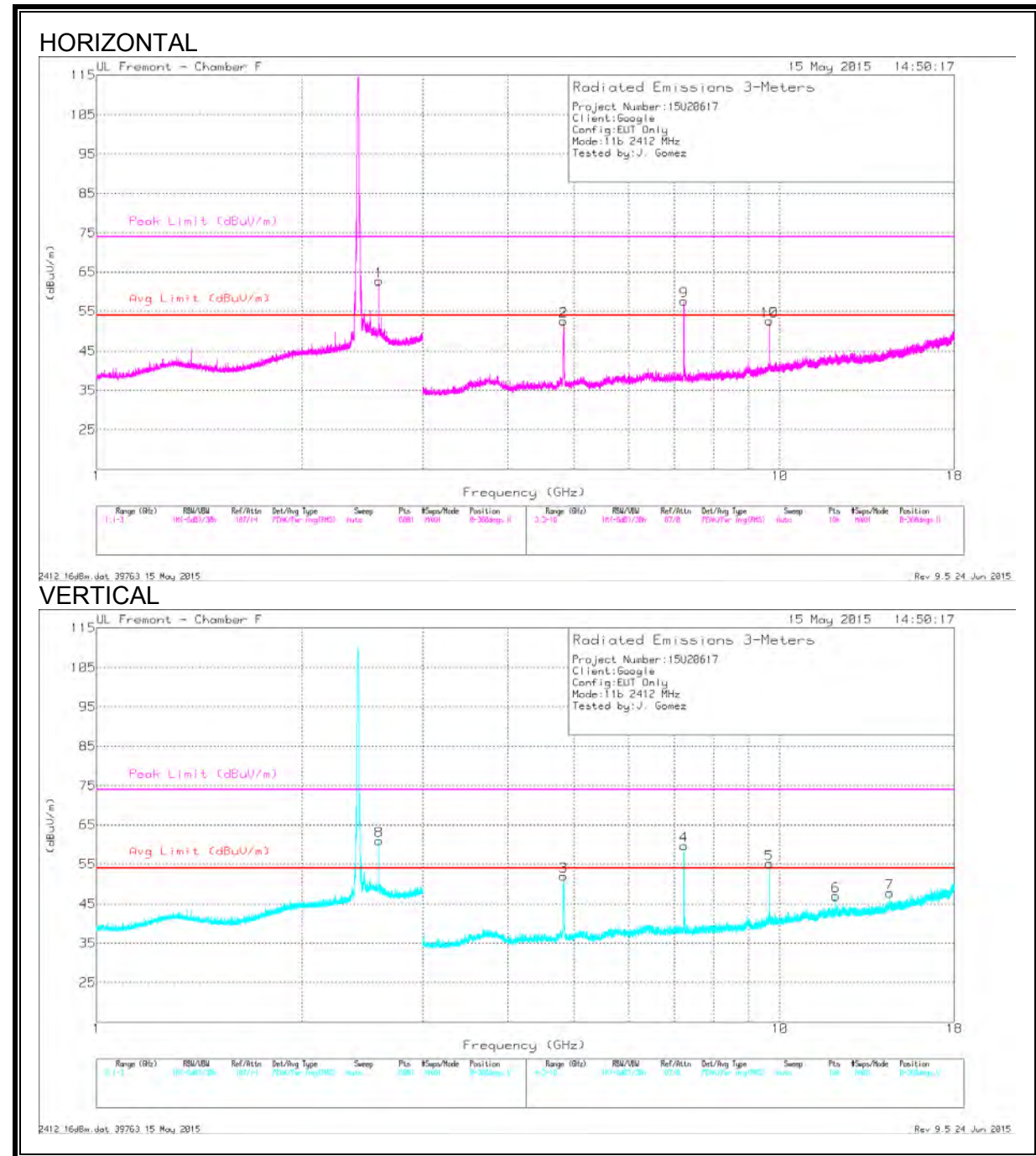
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT120 (dB/m)	Amp/Cbl/ Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.32	PK	32.2	-20.9	57.62	-	-	74	-16.38	152	226	V
2	* 2.487	48.49	PK	32.2	-20.9	59.79	-	-	74	-14.21	152	226	V
3	* 2.484	40.2	RMS	32.2	-20.9	51.5	54	-2.5	-	-	152	226	V
4	* 2.488	41.09	RMS	32.2	-20.9	52.39	54	-1.61	-	-	152	226	V

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/ Filt/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	2.588	50.93	Pk	32.6	-20.8	62.73	-	-	74	-11.27	0-360	101	H
8	2.588	49.26	Pk	32.6	-20.8	61.06	-	-	74	-12.94	0-360	201	V
2	* 4.824	49.92	PK2	34.1	-27.6	56.42	-	-	74	-17.58	306	197	H
	* 4.824	47.27	MAv1	34.1	-27.6	53.77	54	-23	-	-	306	197	H
9	7.236	48.47	Pk	35.6	-26.4	57.67	-	-	74	-16.33	0-360	101	H
10	9.648	37.75	Pk	37	-22.1	52.65	-	-	74	-21.35	0-360	101	H
3	* 4.824	48.25	PK2	34.1	-27.6	54.75	-	-	74	-19.25	276	365	V
	* 4.824	45.34	MAv1	34.1	-27.6	51.84	54	-2.16	-	-	276	365	V
4	7.236	50.55	Pk	35.6	-26.4	59.75	-	-	74	-14.25	0-360	201	V
5	9.648	40.26	Pk	37	-22.1	55.16	-	-	74	-18.84	0-360	201	V
6	* 12.063	34.64	PK2	39.1	-21.9	51.84	-	-	74	-22.16	58	201	V
	* 12.062	23.05	MAv1	39.1	-21.9	40.25	54	-13.75	-	-	58	201	V
	* 14.474	36.34	PK2	39.9	-23.4	52.84	-	-	74	-21.16	13	201	V
7	* 14.473	24.86	MAv1	39.9	-23.4	41.36	54	-12.64	-	-	13	201	V

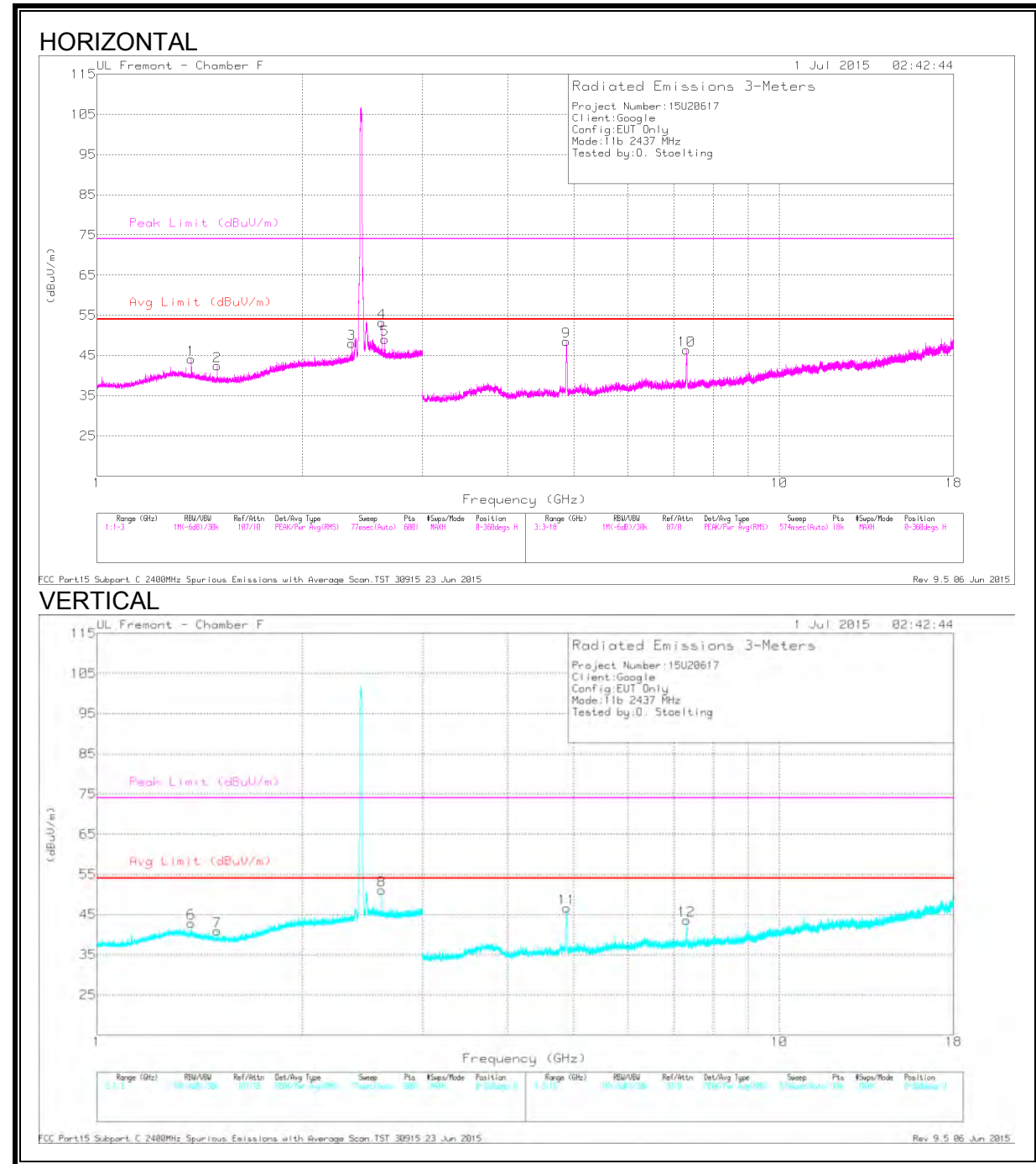
* - indicates frequency in CFR 47, Part 15.

Pk - Peak detector

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL



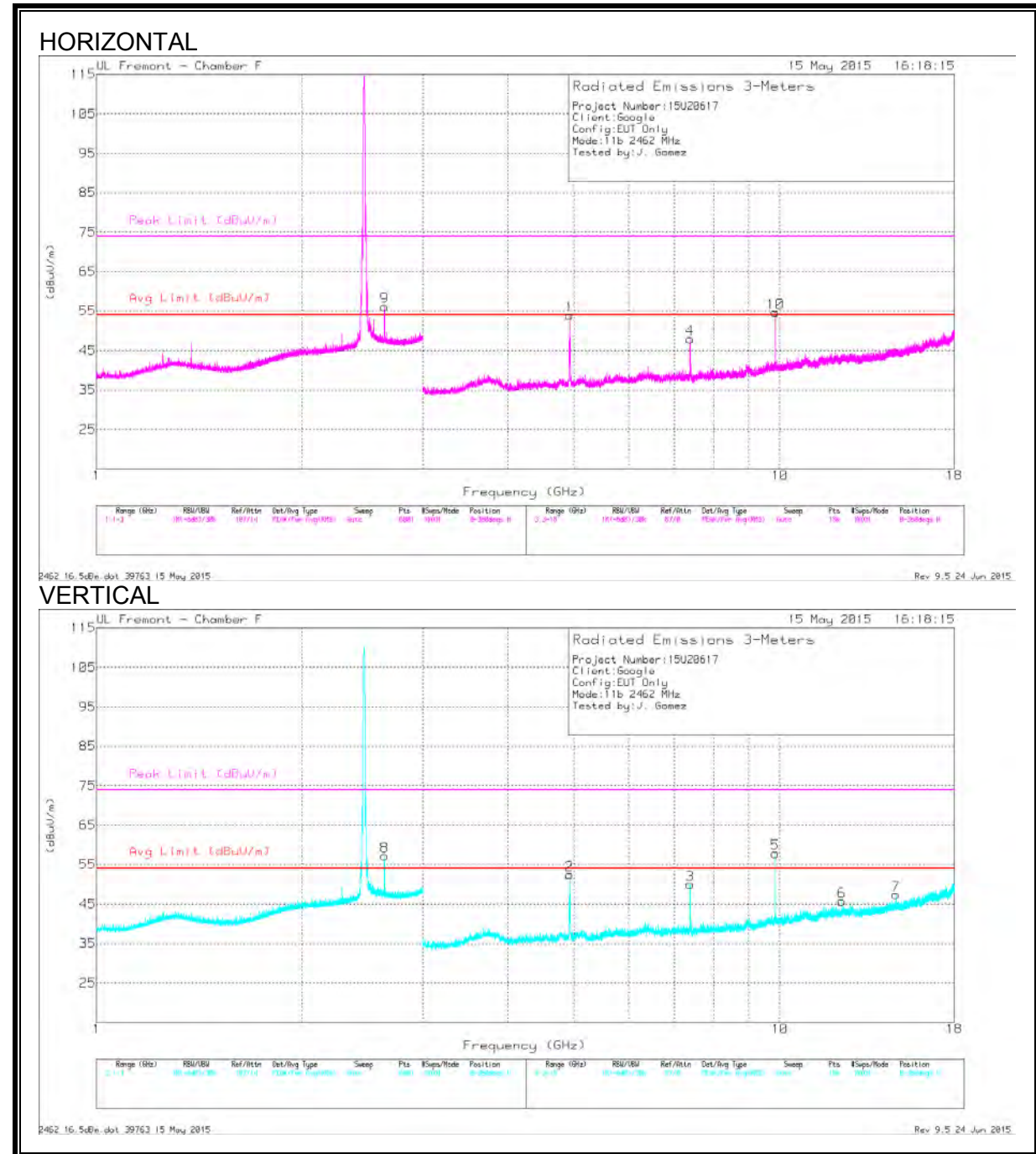
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/ Fitr/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	* 1.375	44.37	PK2	29.3	-22.1	51.57	-	-	74	-22.43	231	148	H
	* 1.375	34.69	MAv1	29.3	-22.1	41.89	54	-12.11	-	-	231	148	H
2	* 1.5	44.16	PK2	28.2	-22.1	50.26	-	-	74	-23.74	195	196	H
	* 1.5	33.43	MAv1	28.2	-22.1	39.53	54	-14.47	-	-	195	196	H
3	* 2.36	43.35	PK2	31.9	-21.1	54.15	-	-	74	-19.85	80	177	H
	* 2.36	30.36	MAv1	31.9	-21.1	41.16	54	-12.84	-	-	80	177	H
4	2.613	47.57	PK2	32.6	-20.9	59.27	-	-	74	-14.73	264	224	H
5	2.64	44.86	PK2	32.7	-20.9	56.66	-	-	74	-17.34	338	223	H
6	* 1.375	43.39	PK2	29.3	-22.1	50.59	-	-	74	-23.41	168	172	V
	* 1.375	32.61	MAv1	29.3	-22.1	39.81	54	-14.19	-	-	168	172	V
7	* 1.5	42.62	PK2	28.2	-22.1	48.72	-	-	74	-25.28	230	180	V
	* 1.5	31.04	MAv1	28.2	-22.1	37.14	54	-16.86	-	-	230	180	V
8	2.613	46.17	PK2	32.6	-20.9	57.87	-	-	74	-16.13	184	295	V
9	* 4.873	52	PK2	34.1	-27.8	58.3	-	-	74	-15.7	303	247	H
	* 4.873	38.66	MAv1	34.1	-27.8	44.96	54	-9.04	-	-	303	247	H
10	* 7.306	49.06	PK2	35.7	-26.7	58.06	-	-	74	-15.94	352	158	H
	* 7.306	33.87	MAv1	35.7	-26.7	42.87	54	-11.13	-	-	352	158	H
11	* 4.879	50.04	PK2	34.1	-27.9	56.24	-	-	74	-17.76	284	297	V
	* 4.878	37.08	MAv1	34.1	-27.9	43.28	54	-10.72	-	-	284	297	V
12	* 7.313	47.35	PK2	35.7	-26.7	56.35	-	-	74	-17.65	74	213	V
	* 7.313	33.39	MAv1	35.7	-26.7	42.39	54	-11.61	-	-	74	213	V

* - indicates frequency in CFR 47, Part 15.

PK2 - KDB558074 Method: Maximum Peak
MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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
9	2.638	44.13	Pk	32.7	-20.7	56.13	-	-	74	-17.87	0-360	201	H
8	2.638	45.18	Pk	32.7	-20.7	57.18	-	-	74	-16.82	0-360	201	V
1	* 4.924	50.52	PK2	34.1	-28.6	56.02	-	-	74	-17.98	306	237	H
	* 4.924	47.91	MAv1	34.1	-28.6	53.41	54	-59	-	-	306	237	H
4	* 7.389	39.35	PK2	35.7	-25.7	49.35	-	-	74	-24.65	2	153	H
	* 7.387	30.85	MAv1	35.7	-25.7	40.85	54	-13.15	-	-	2	153	H
10	9.848	39.59	Pk	37.2	-22.1	54.69	-	-	74	-19.31	0-360	100	H
2	* 4.924	49.23	PK2	34.1	-28.6	54.73	-	-	74	-19.27	277	260	V
	* 4.924	46.26	MAv1	34.1	-28.6	51.76	54	-2.24	-	-	277	260	V
3	* 7.388	40.01	PK2	35.7	-25.7	50.01	-	-	74	-23.99	72	254	V
	* 7.387	32.39	MAv1	35.7	-25.7	42.39	54	-11.61	-	-	72	254	V
5	9.848	42.74	Pk	37.2	-22.1	57.84	-	-	74	-16.16	0-360	201	V
6	* 12.311	35.22	PK2	39	-22.5	51.72	-	-	74	-22.28	0	201	V
	* 12.311	23.76	MAv1	39	-22.5	40.26	54	-13.74	-	-	0	201	V
7	14.773	30.98	Pk	40.1	-23.7	47.38	-	-	74	-26.62	0-360	201	V

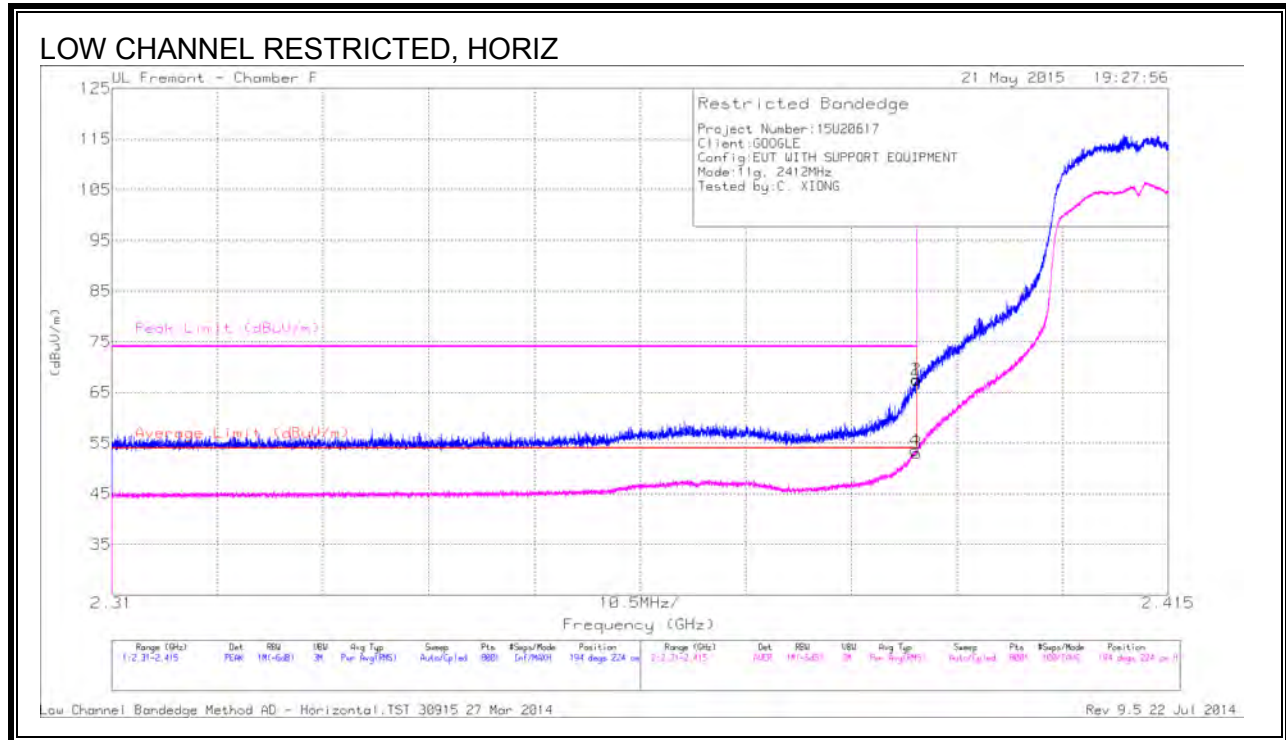
* - indicates frequency in CFR 47, Part 15.

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.2. TX ABOVE 1 GHz 802.11g 2TX MODE IN THE 2.4 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

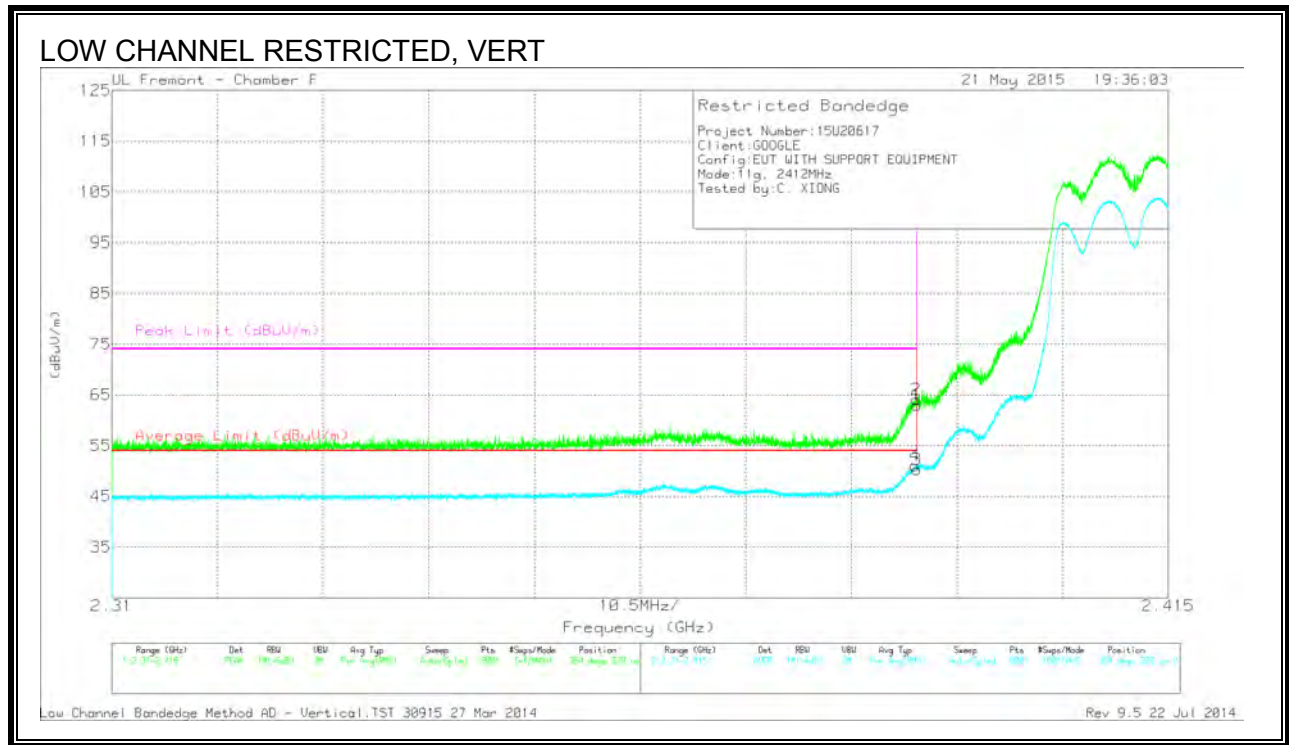


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT120 (dB/m)	Amp/Cbl/Ftr/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	56.37	PK	31.9	-20.9		67.37	-	-	74	-6.63	194	224	H
2	* 2.39	56.51	PK	31.9	-20.9		67.51	-	-	74	-6.49	194	224	H
3	* 2.39	42.02	RMS	31.9	-20.9	.11	53.13	54	-87	-	-	194	224	H
4	* 2.39	42.55	RMS	31.9	-20.9	.11	53.66	54	-34	-	-	194	224	H

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection



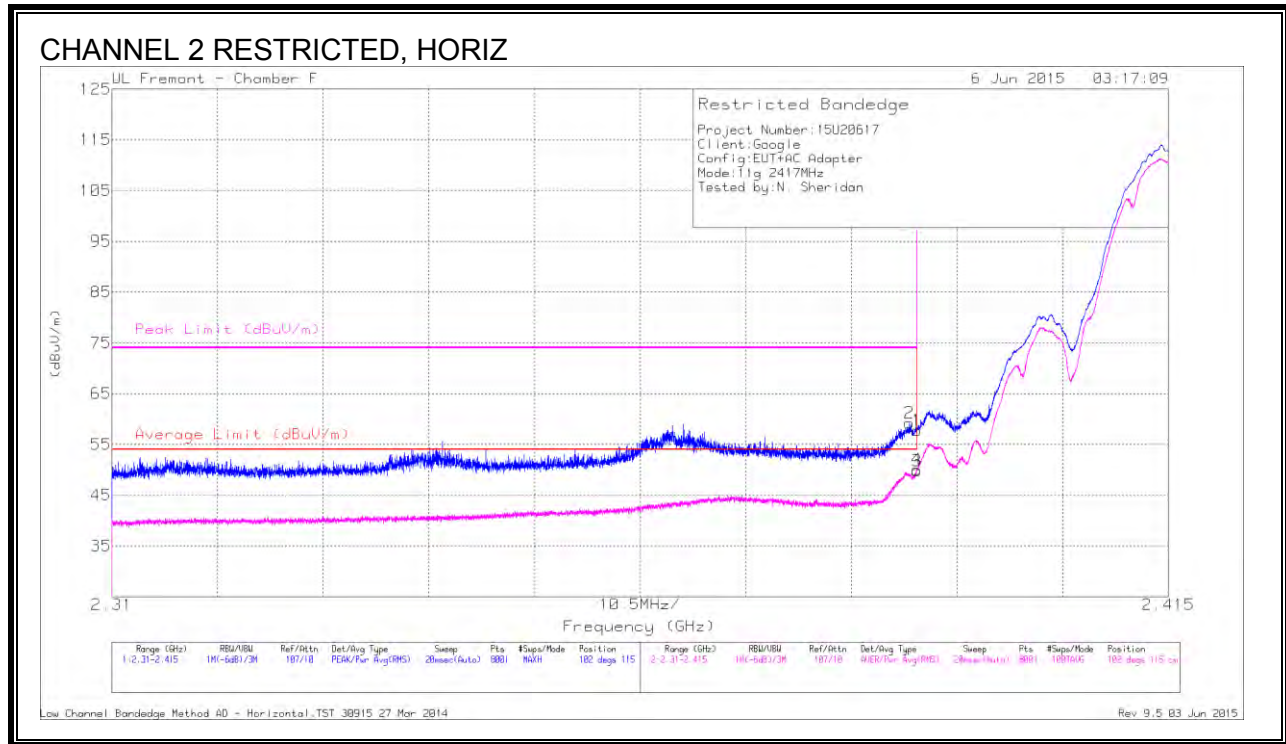
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/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	52	PK	31.9	-20.9		63	-	-	74	-11	354	229	V
2	* 2.39	53.05	PK	31.9	-20.9		64.05	-	-	74	-9.95	354	229	V
3	* 2.39	39.27	RMS	31.9	-20.9	.11	50.38	54	-3.62	-	-	354	229	V
4	* 2.39	40.05	RMS	31.9	-20.9	.11	51.16	54	-2.84	-	-	354	229	V

* - indicates frequency in CFR 47, Part 15 Restricted Band[®].

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (CHANNEL 2)

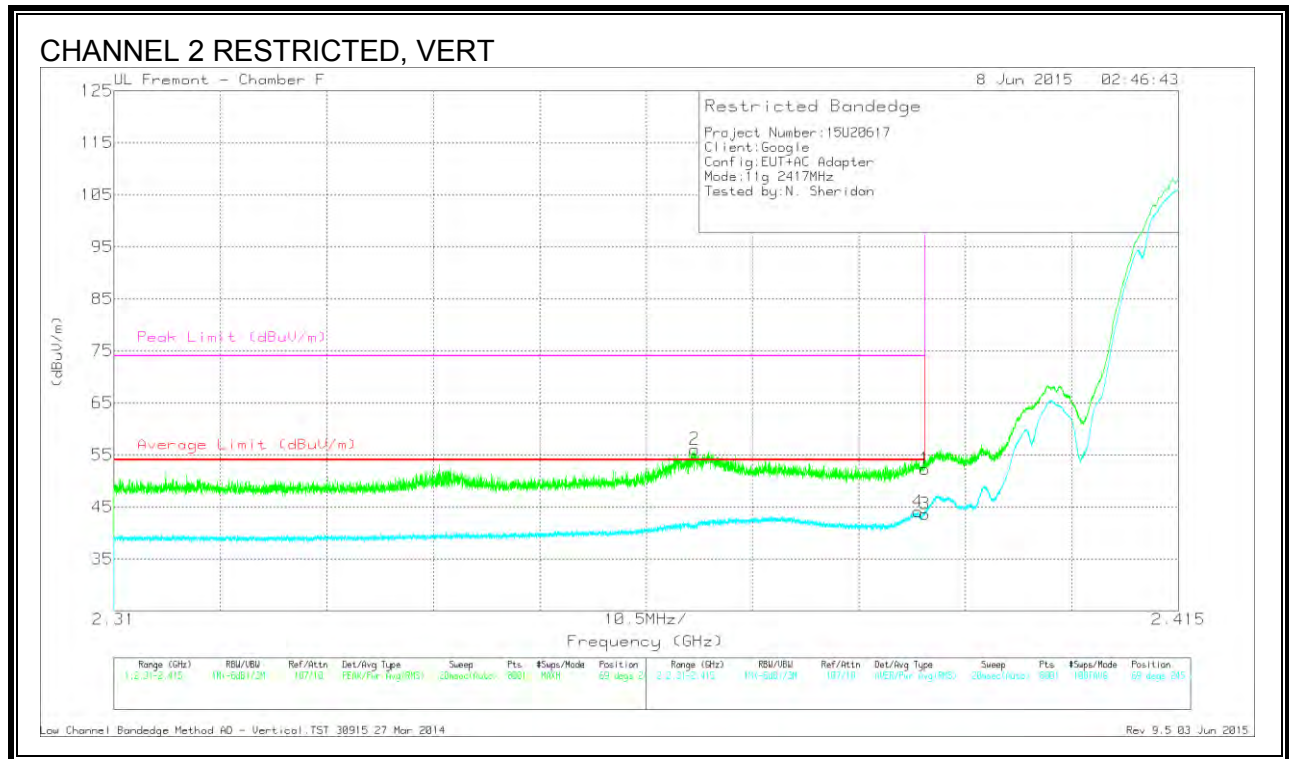


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/FI tr/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	46.75	Pk	31.9	-20.9	0	57.75	-	-	74	-16.25	102	115	H
2	* 2.389	48.2	Pk	31.9	-20.9	0	59.2	-	-	74	-14.8	102	115	H
3	* 2.39	38.67	RMS	31.9	-20.9	.11	49.78	54	-4.22	-	-	102	115	H
4	* 2.39	38.97	RMS	31.9	-20.9	.11	50.08	54	-3.92	-	-	102	115	H

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection



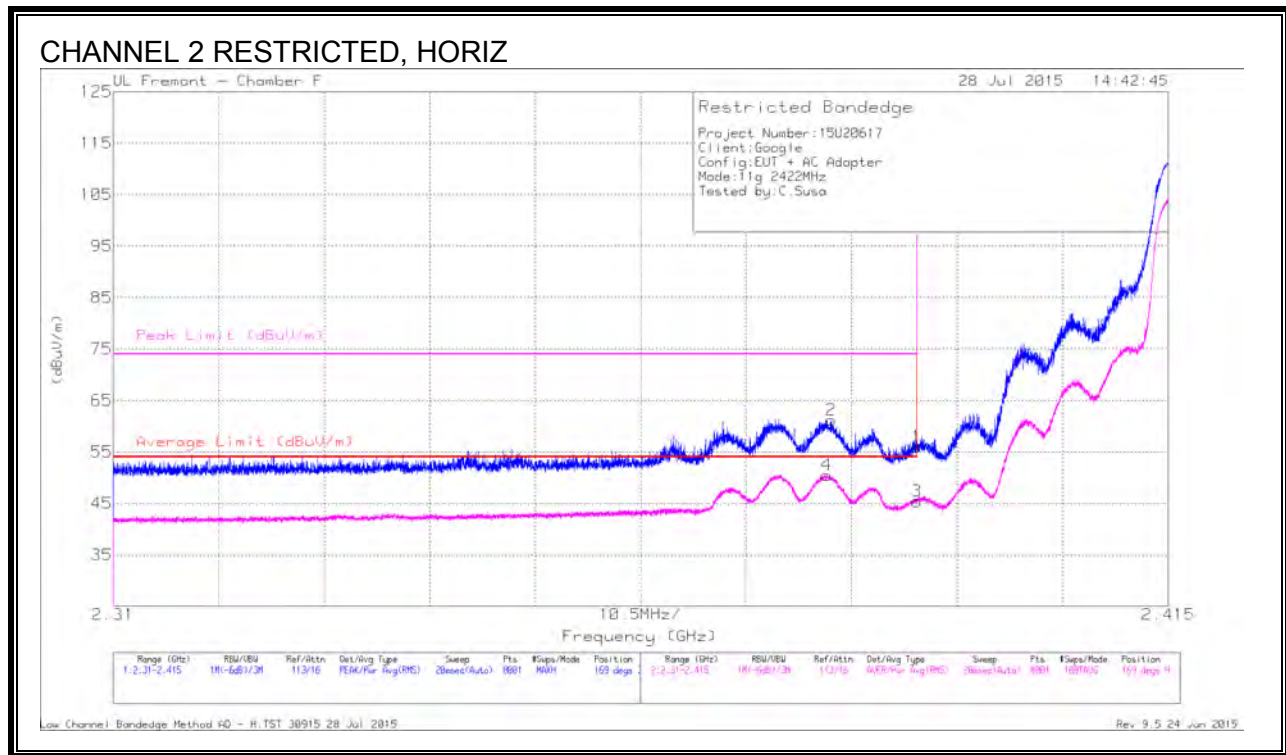
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dBm)	Amp/Ch/I/F1 tri/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	41.31	Pk	31.9	-20.9	0	52.31	-	-	74	-21.69	69	245	V
2	* 2.367	45.1	Pk	31.9	-20.9	0	56.1	-	-	74	-17.9	69	245	V
3	* 2.39	32.55	RMS	31.9	-20.9	.11	43.66	54	-10.34	-	-	69	245	V
4	* 2.389	32.96	RMS	31.9	-20.9	.11	44.07	54	-9.93	-	-	69	245	V

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (CHANNEL 3)

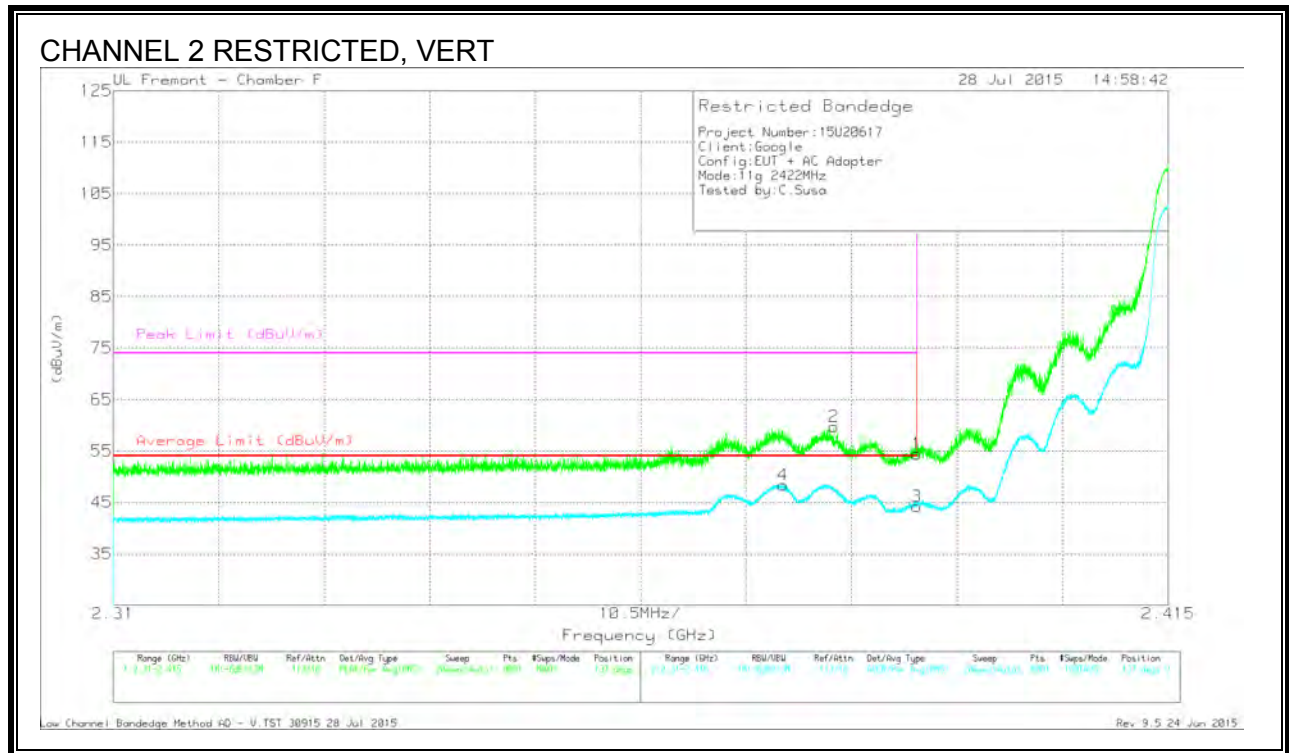


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBUV)	Det	AF T120 (dB/m)	Amp/Cbl/FI tr/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	45.15	PK	31.9	-21	0	56.05	-	-	74	-17.95	169	343	H
2	* 2.381	50.31	PK	31.9	-21	0	61.21	-	-	74	-12.79	169	343	H
3	* 2.39	34.49	RMS	31.9	-21	.11	45.5	54	-8.5	-	-	169	343	H
4	* 2.381	39.59	RMS	31.9	-21	.11	50.6	54	-3.4	-	-	169	343	H

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection



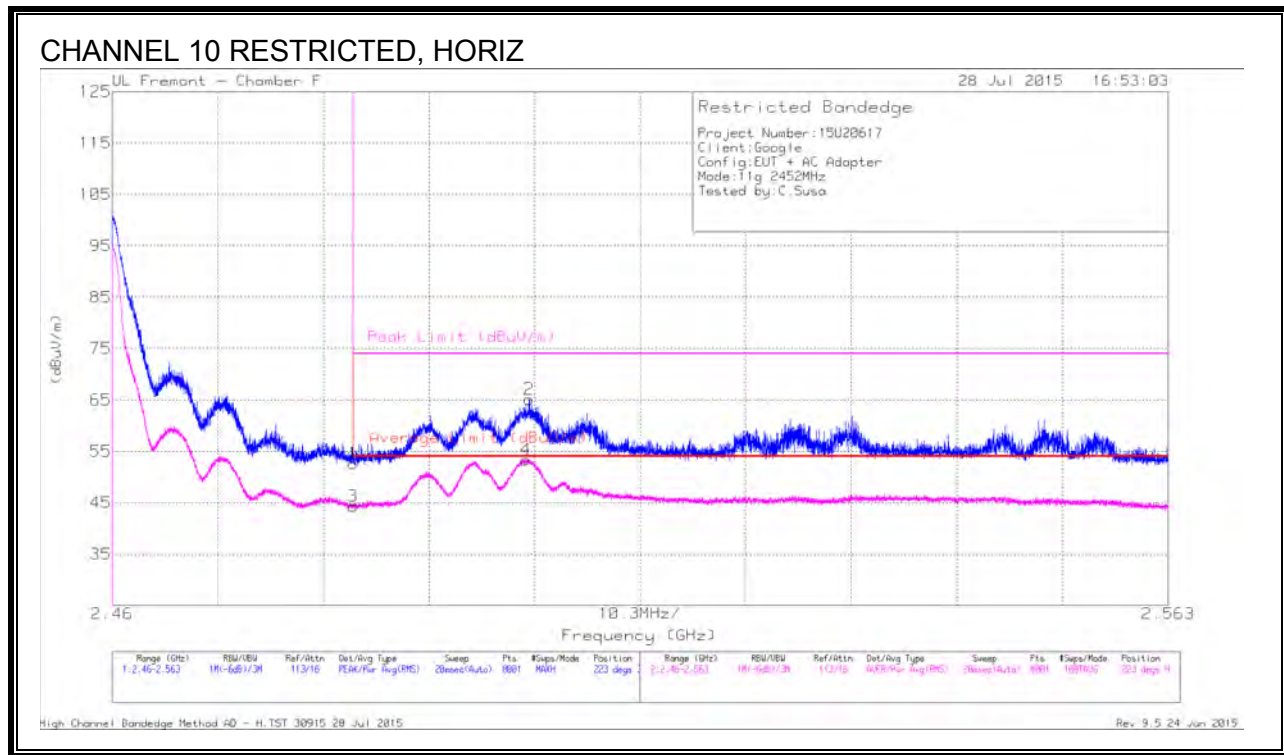
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/FI tr/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	43.53	Pk	31.9	-21	0	54.43	-	-	74	-19.57	137	348	V
2	* 2.382	48.82	Pk	31.9	-21	0	59.72	-	-	74	-14.28	137	348	V
3	* 2.39	33.33	RMS	31.9	-21	.11	44.34	54	-9.66	-	-	137	348	V
4	* 2.377	37.55	RMS	31.9	-21.1	.11	48.46	54	-5.54	-	-	137	348	V

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (CHANNEL 9)

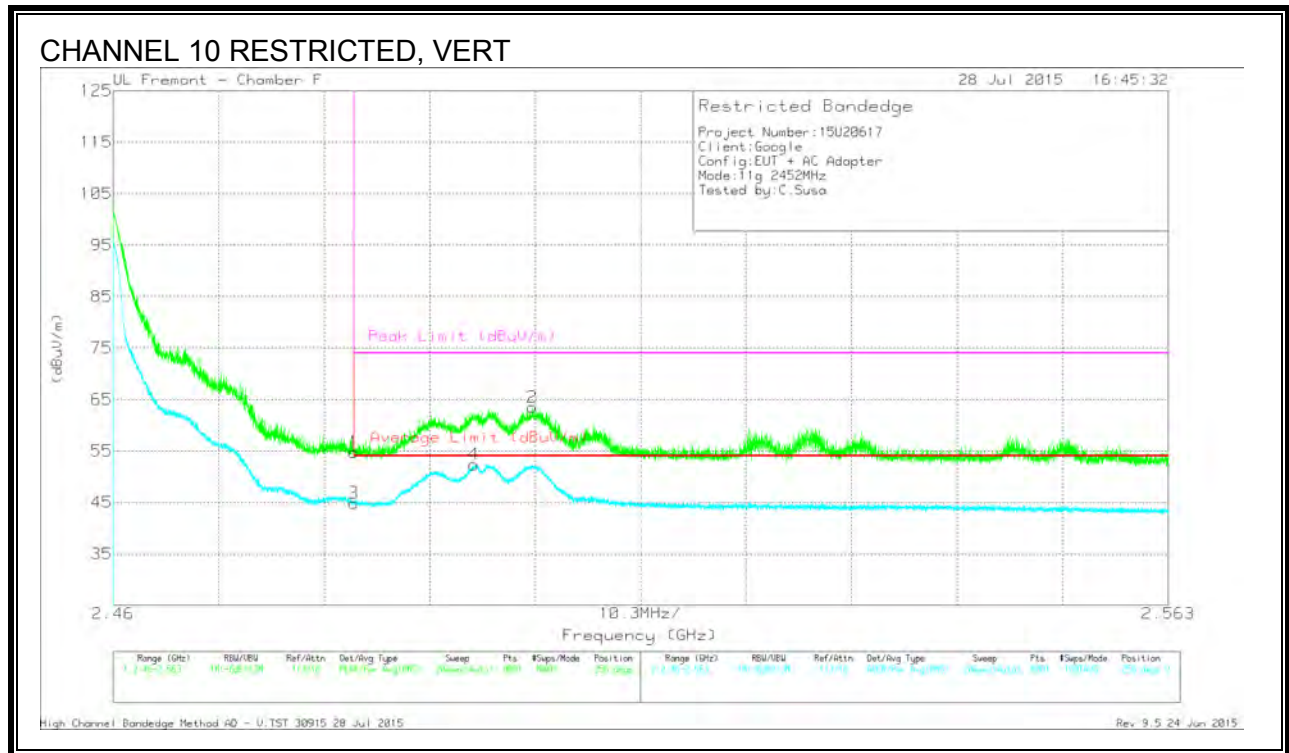


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/FI tr/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	41.54	Pk	32.2	-21.1	0	52.64	-	-	74	-21.36	223	380	H
2	2.501	53.93	Pk	32.3	-21.1	0	65.13	-	-	74	-8.87	223	380	H
3	* 2.484	33.21	RMS	32.2	-21.1	.11	44.42	54	-9.58	-	-	223	380	H
4	2.5	42.18	RMS	32.3	-21.1	.11	53.49	54	-51	-	-	223	380	H

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection



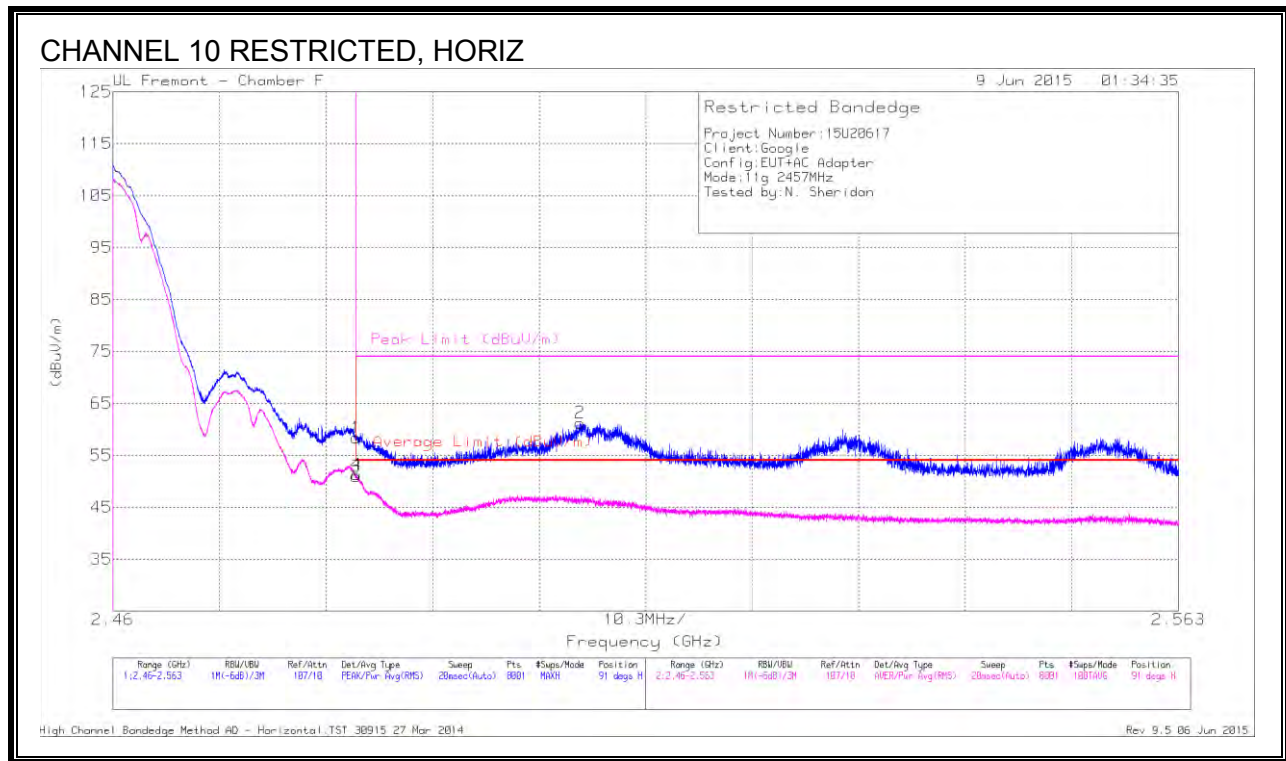
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/FI tr/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	43.66	Pk	32.2	-21.1	0	54.76	-	-	74	-19.24	256	394	V
2	2.501	52.33	Pk	32.3	-21.1	0	63.53	-	-	74	-10.47	256	394	V
3	* 2.484	33.64	RMS	32.2	-21.1	.11	44.85	54	-9.15	-	-	256	394	V
4	* 2.495	41.04	RMS	32.3	-21.1	.11	52.35	54	-1.65	-	-	256	394	V

* - indicates frequency in CFR 47, Part 15 Restricted Band[®].

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (CHANNEL 10)

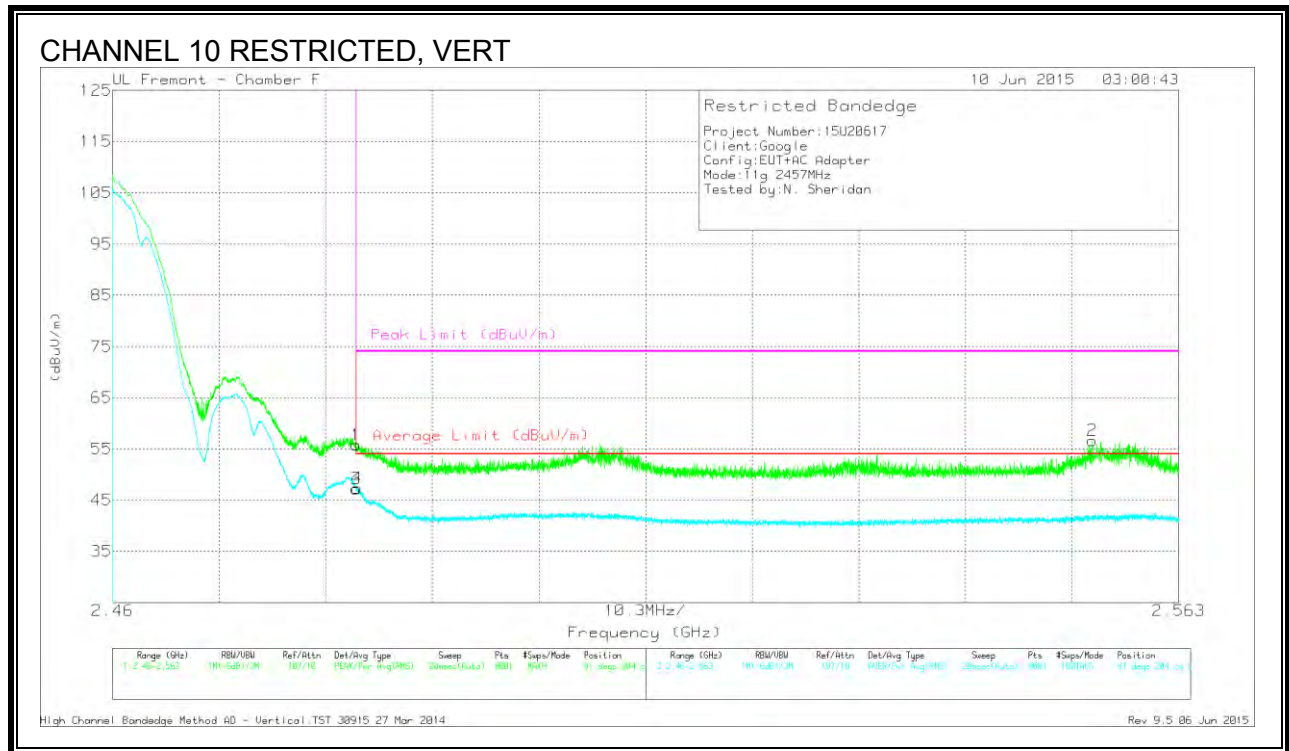


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/FI tr/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	47.06	PK	32.2	-20.9	0	58.36	-	-	74	-15.64	91	105	H
2	2.505	49.94	PK	32.3	-21	0	61.24	-	-	74	-12.76	91	105	H
3	* 2.484	39.52	RMS	32.2	-20.9	.11	50.93	54	-3.07	-	-	91	105	H
4	* 2.484	39.89	RMS	32.2	-20.9	.11	51.3	54	-2.7	-	-	91	105	H

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection



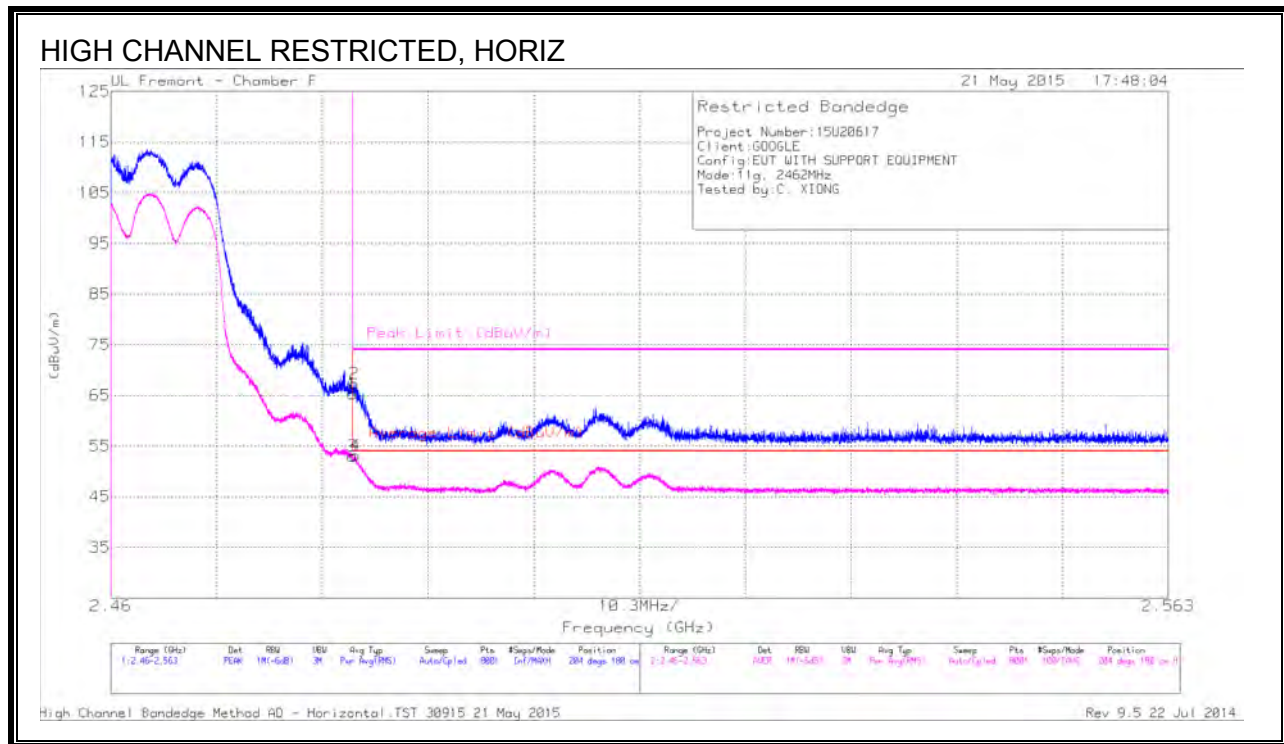
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/FI tr/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	44.51	Pk	32.2	-20.9	0	55.81	-	-	74	-18.19	81	204	V
2	2.555	44.87	Pk	32.5	-20.8	0	56.57	-	-	74	-17.43	81	204	V
3	* 2.484	35.78	RMS	32.2	-20.9	.11	47.19	54	-6.81	-	-	81	204	V
4	* 2.484	35.92	RMS	32.2	-20.9	.11	47.33	54	-6.67	-	-	81	204	V

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (HIGH CHANNEL)

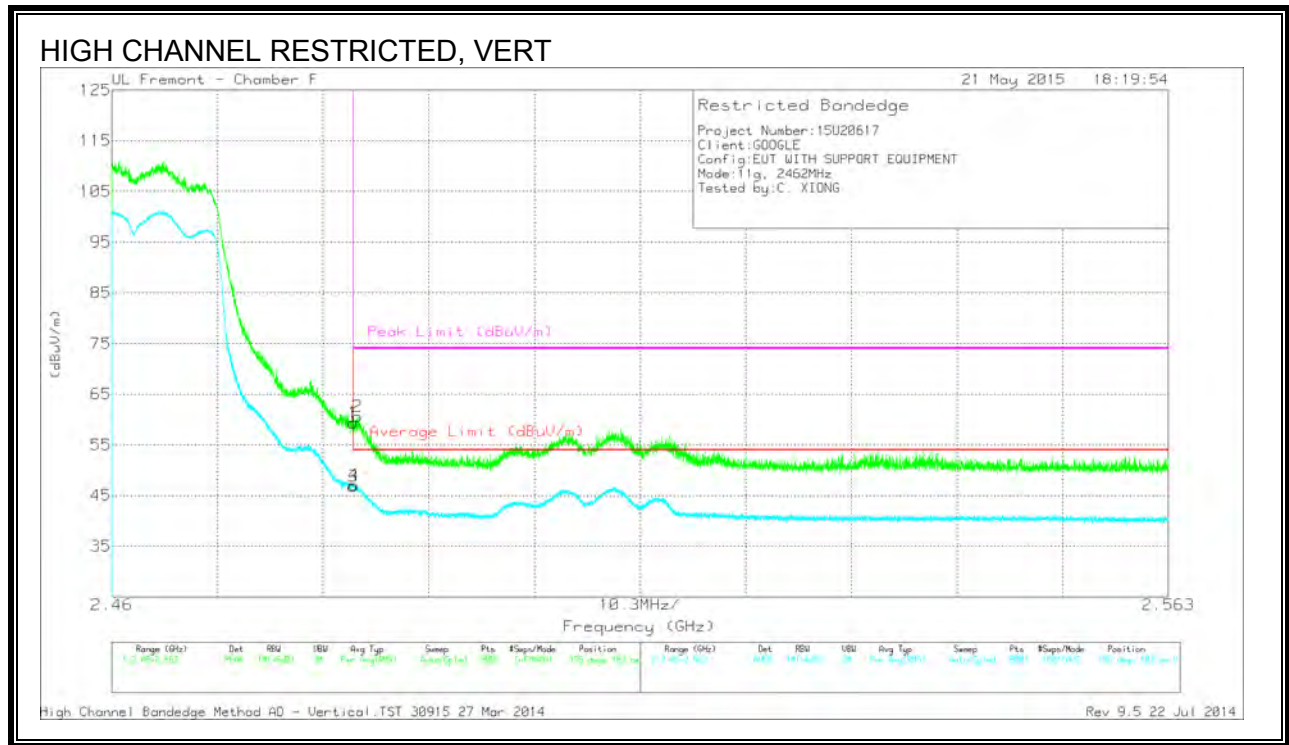


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/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	53.98	PK	32.2	-20.9	0	65.28	-	-	74	-8.72	204	180	H
2	* 2.484	56	PK	32.2	-20.9	0	67.3	-	-	74	-6.7	204	180	H
3	* 2.484	41.77	RMS	32.2	-20.9	.11	53.18	54	-82	-	-	204	180	H
4	* 2.484	41.89	RMS	32.2	-20.9	.11	53.31	54	-69	-	-	204	180	H

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection



Trace Markers

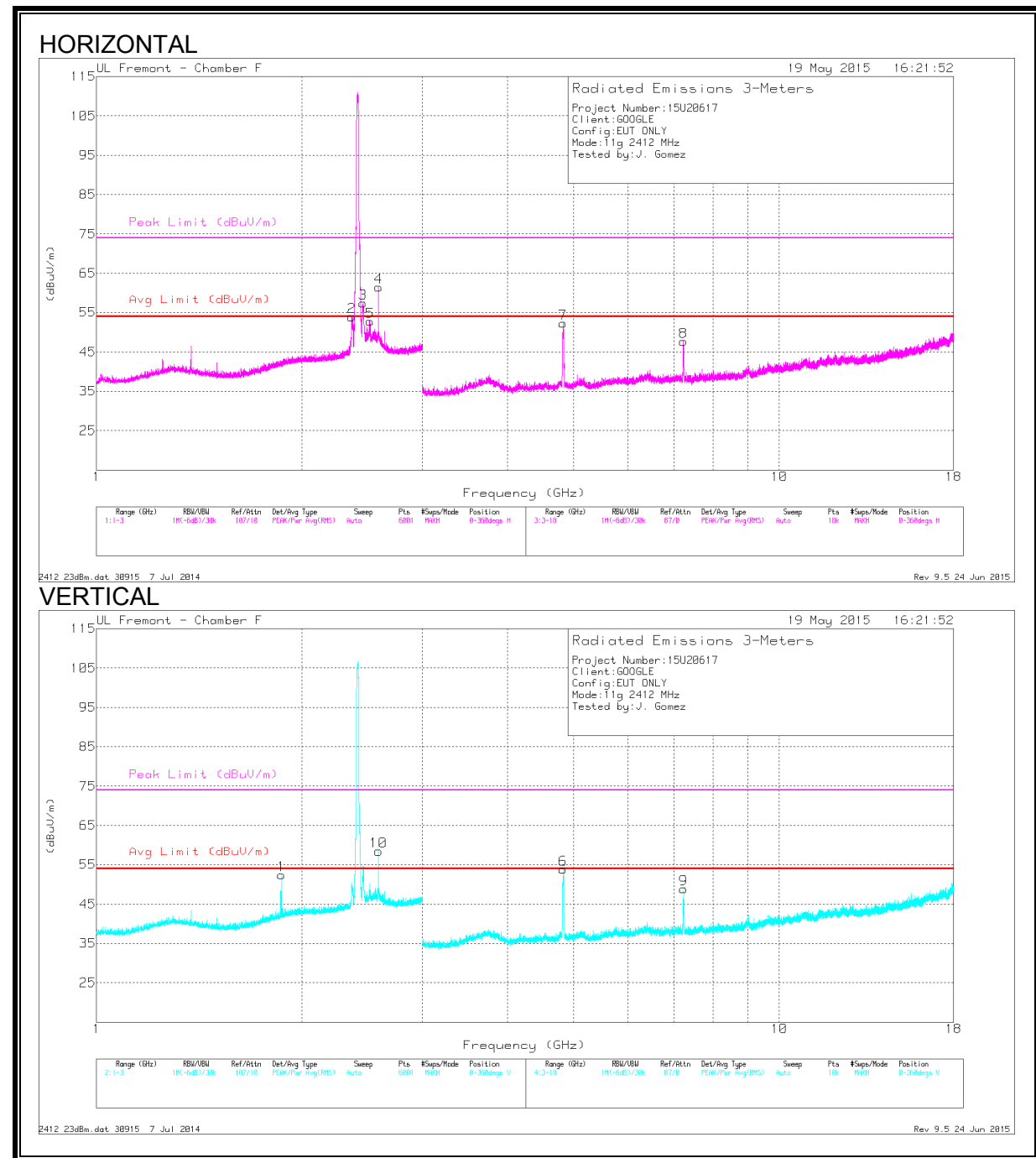
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	48.01	PK	32.2	-20.9	0	59.31	-	-	74	-14.69	196	183	V
2	* 2.484	49.32	PK	32.2	-20.9	0	60.62	-	-	74	-13.38	196	183	V
3	* 2.484	35.47	RMS	32.2	-20.9	.11	46.88	54	-7.12	-	-	196	183	V
4	* 2.484	35.78	RMS	32.2	-20.9	.11	47.19	54	-6.81	-	-	196	183	V

* - indicates frequency in CFR 47, Part 15 Restricted Band[®].

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/ Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.364	50.77	PK2	31.9	-20.9	61.77	-	-	74	-12.23	190	137	H
	* 2.369	38.25	MAv1	31.9	-20.9	49.25	54	-4.75	-	-	190	137	H
3	2.457	46.21	Pk	32.1	-20.9	57.41	-	-	74	-16.59	0-360	100	H
4	2.588	49.64	Pk	32.6	-20.8	61.44	-	-	74	-12.56	0-360	201	H
5	2.514	41.43	Pk	32.3	-21	52.73	-	-	74	-21.27	0-360	201	H
1	1.866	43.14	Pk	30.9	-21.6	52.44	-	-	74	-21.56	0-360	101	V
10	2.588	46.66	Pk	32.6	-20.8	58.46	-	-	74	-15.54	0-360	201	V
7	* 4.823	56.18	PK2	34.1	-27.6	62.68	-	-	74	-11.32	295	258	H
	* 4.823	44.48	MAv1	34.1	-27.6	50.98	54	-3.02	-	-	295	258	H
8	7.232	38.4	Pk	35.6	-26.3	47.7	-	-	74	-26.3	0-360	201	H
6	* 4.822	55.38	PK2	34.1	-27.6	61.88	-	-	74	-12.12	262	181	V
	* 4.823	43.71	MAv1	34.1	-27.6	50.21	54	-3.79	-	-	262	181	V
9	7.242	39.65	Pk	35.6	-26.4	48.85	-	-	74	-25.15	0-360	201	V

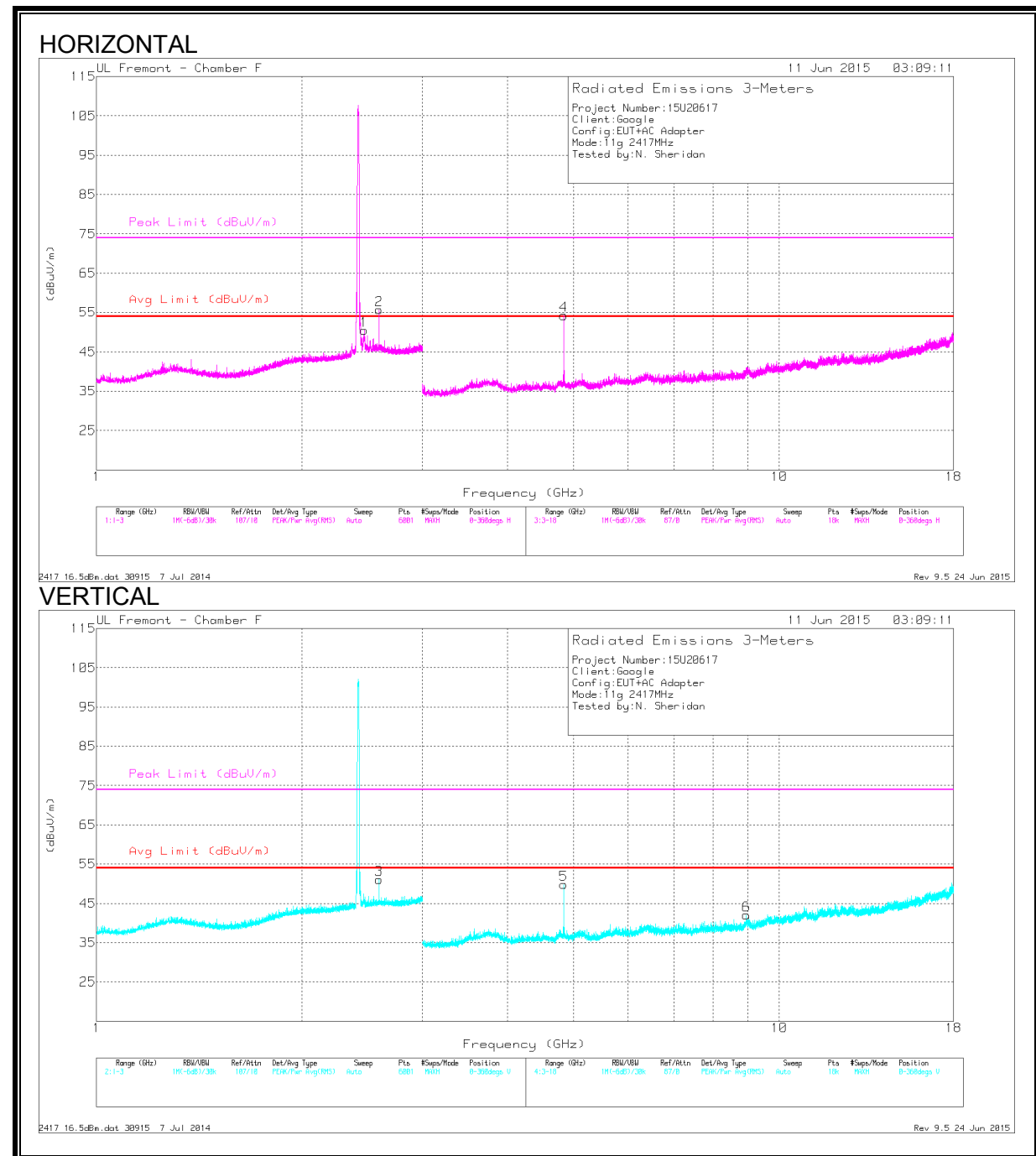
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

CHANNEL 2



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	2.466	46.23	PK2	32.1	-21	0	57.33	-	-	74	-16.67	220	101	H
2	2.591	43.59	PK2	32.6	-20.8	0	55.39	-	-	74	-18.61	220	202	H
3	2.593	42.91	PK2	32.6	-20.9	0	54.61	-	-	74	-19.39	220	202	V
4	* 4.834	48.73	PK2	34.1	-27.7	0	55.13	-	-	74	-18.87	220	217	H
	* 4.834	46.33	MAv1	34.1	-27.7	.11	52.84	54	-1.16	-	-	220	217	H
5	* 4.834	44.38	PK2	34.1	-27.7	0	50.78	-	-	74	-23.22	220	202	V
	* 4.834	40.33	MAv1	34.1	-27.7	.11	46.84	54	-7.16	-	-	220	202	V
6	8.94	34.83	PK2	36.1	-22.4	0	48.53	-	-	74	-25.47	220	101	V

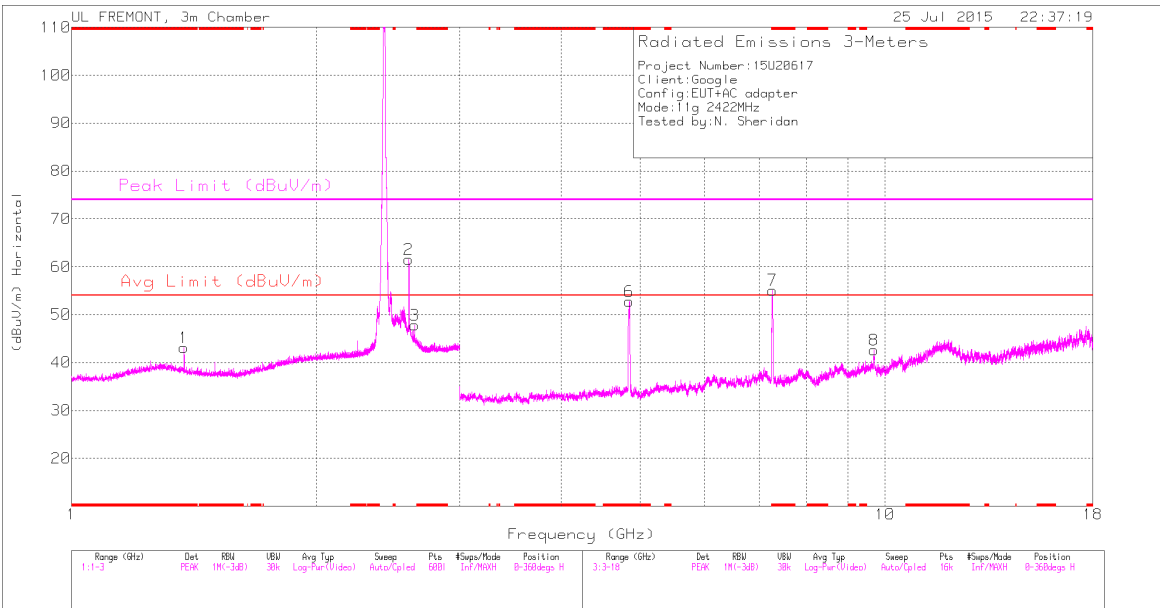
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

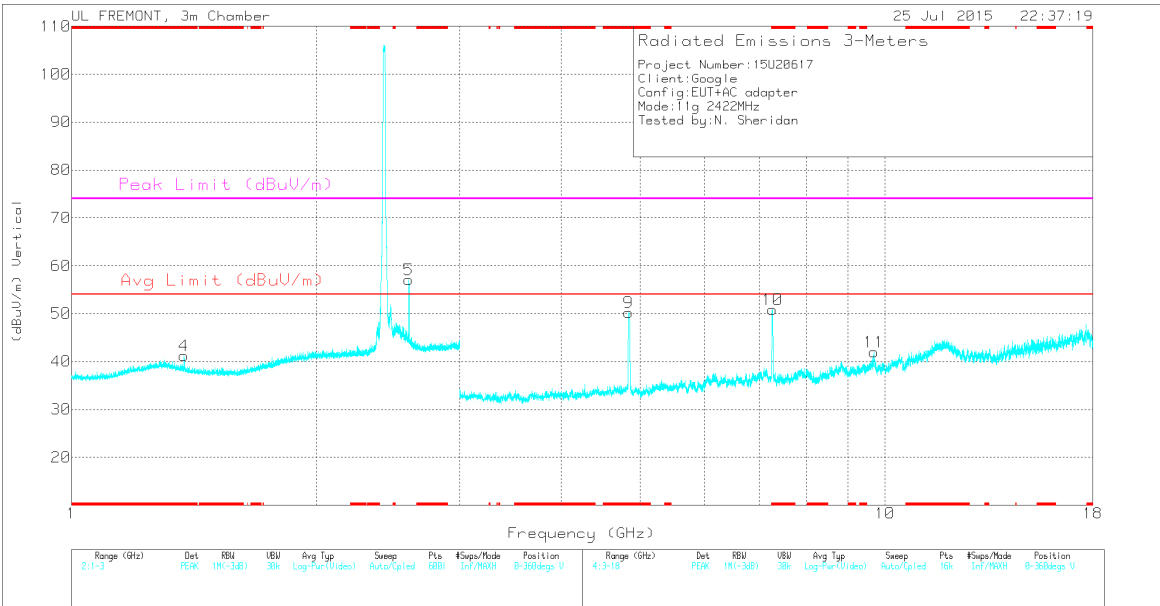
MAv1 - KDB558074 Option 1 Maximum RMS Average

CHANNEL 3

HORIZONTAL



VERTICAL



Trace Markers

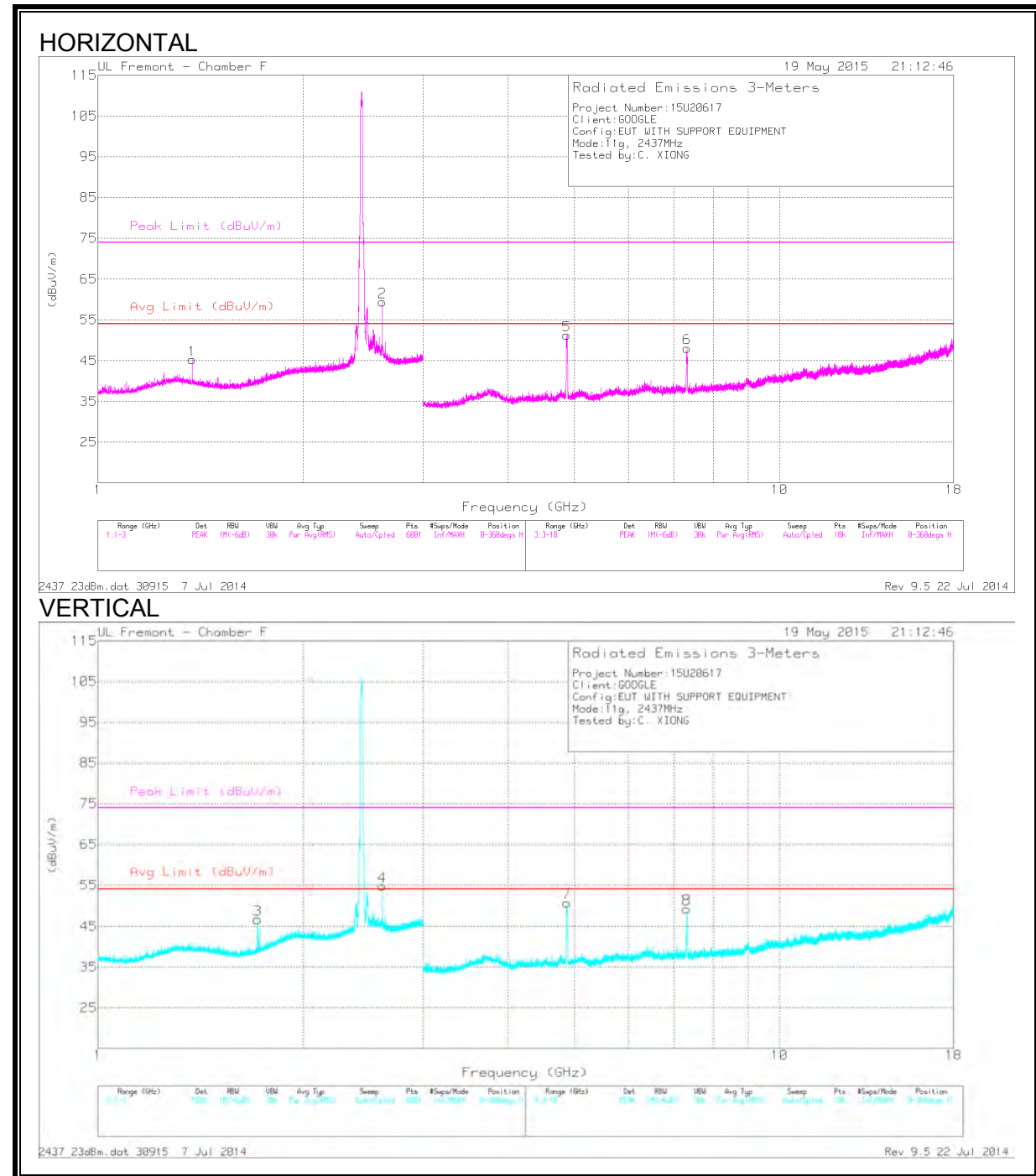
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.375	45.43	PK2	28.9	-23.2	0	51.13	-	-	74	-22.87	200	217	H
	* 1.375	38.07	MAv1	28.9	-23.2	.11	43.88	54	-10.12	-	-	200	217	H
4	* 1.375	43.19	PK2	28.9	-23.2	0	48.89	-	-	74	-25.11	189	197	V
	* 1.375	32.84	MAv1	28.9	-23.2	.11	38.65	54	-15.35	-	-	189	197	V
6	* 7.27	61.46	PK2	35.6	-28.4	0	68.66	-	-	74	-5.34	339	355	H
	* 7.27	45.97	MAv1	35.6	-28.4	.11	53.28	54	-.72	-	-	339	355	H
7	* 4.844	60.01	PK2	34	-29.3	0	64.71	-	-	74	-9.29	315	323	H
	* 4.844	48.59	MAv1	34	-29.3	.11	53.4	54	-.6	-	-	315	323	H
9	* 4.84	58.94	PK2	34	-29.4	0	63.54	-	-	74	-10.46	308	293	V
	* 4.84	45.54	MAv1	34	-29.4	.11	50.25	54	-3.75	-	-	308	293	V
10	* 7.272	48.15	PK2	35.6	-28.4	0	55.35	-	-	74	-18.65	306	322	V
	* 7.272	35.12	MAv1	35.6	-28.4	.11	42.43	54	-11.57	-	-	306	322	V
2	2.598	50.85	PK2	32.4	-22	0	61.25	-	-	-	-	201	203	H
5	2.598	46.89	PK2	32.4	-22	0	57.29	-	-	-	-	211	222	V
3	2.64	46.32	PK2	32.4	-22	0	56.72	-	-	-	-	189	208	H
11	9.683	36.36	PK2	36.8	-23.7	0	49.46	-	-	-	-	316	257	V
8	9.688	36.85	PK2	36.8	-23.7	0	49.95	-	-	-	-	317	282	H

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	* 1.375	45.25	PK2	29.3	-22.1	0	52.45	-	-	74	-21.55	201	232	H
	* 1.375	36.75	MAv1	29.3	-22.1	.11	44.06	54	-9.94	-	-	201	232	H
2	2.613	47.61	PK	32.6	-20.8	0	59.41	-	-	-	-	0-360	101	H
3	1.716	39.32	PK	29.1	-21.7	0	46.72	-	-	-	-	0-360	201	V
4	2.613	42.94	PK	32.6	-20.8	0	54.74	-	-	-	-	0-360	201	V
5	* 4.878	57.2	PK2	34.1	-27.8	0	63.5	-	-	74	-10.5	303	309	H
	* 4.873	45.56	MAv1	34.1	-27.8	.11	51.97	54	-2.03	-	-	303	309	H
6	* 7.314	56.74	PK2	35.7	-26.3	0	66.14	-	-	74	-7.86	347	165	H
	* 7.314	43.68	MAv1	35.7	-26.3	.11	53.19	54	-.81	-	-	347	165	H
7	* 4.879	54.7	PK2	34.1	-27.8	0	61	-	-	74	-13	269	346	V
	* 4.878	43.34	MAv1	34.1	-27.8	.11	49.75	54	-4.25	-	-	269	346	V
8	* 7.308	56.55	PK2	35.7	-26.3	0	65.95	-	-	74	-8.05	70	287	V
	* 7.308	43.29	MAv1	35.7	-26.3	.11	52.80	54	-1.2	-	-	70	287	V

* - indicates frequency in CFR 47, Part 15.

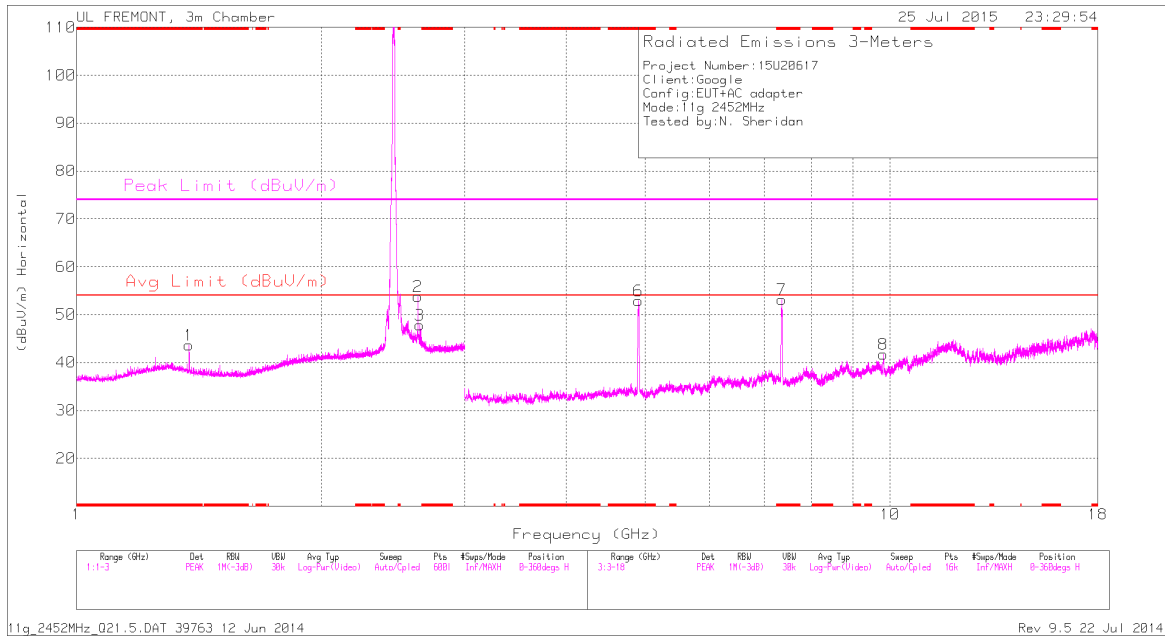
PK - Peak detector

PK2 - KDB558074 Method: Maximum Peak

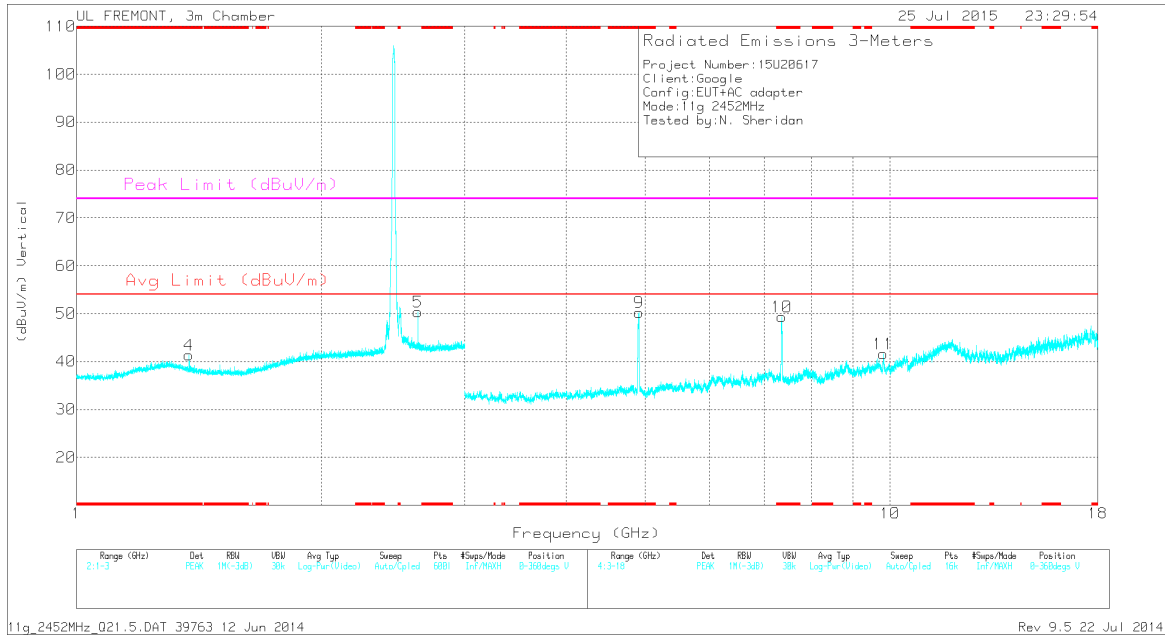
MAv1 - KDB558074 Option 1 Maximum RMS Average

CHANNEL 9

HORIZONTAL



VERTICAL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl /Filt/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	* 1.375	46.33	PK2	28.9	-23.2	0	52.03	-	-	74	-21.97	204	216	H
	* 1.375	38.24	MAv1	28.9	-23.2	.11	44.05	54	-9.95	-	-	204	216	H
4	* 1.376	42.63	PK2	28.9	-23.2	0	48.33	-	-	74	-25.67	221	228	V
	* 1.375	31.21	MAv1	28.9	-23.2	.11	37.02	54	-16.98	-	-	221	228	V
6	* 7.36	60.3	PK2	35.6	-27.5	0	68.4	-	-	74	-5.6	341	335	H
	* 7.36	45.05	MAv1	35.6	-27.5	.11	53.26	54	-7.74	-	-	341	335	H
7	* 4.908	61.24	PK2	34	-29.5	0	65.74	-	-	74	-8.26	306	381	H
	* 4.908	49.35	MAv1	34	-29.5	.11	53.96	54	-0.04	-	-	306	381	H
9	* 4.91	56.51	PK2	34	-29.5	0	61.01	-	-	74	-12.99	313	277	V
	* 4.91	43.73	MAv1	34	-29.5	.11	48.34	54	-5.66	-	-	313	277	V
10	* 7.36	48.54	PK2	35.6	-27.5	0	56.64	-	-	74	-17.36	323	262	V
	* 7.36	34.18	MAv1	35.6	-27.5	.11	42.39	54	-11.61	-	-	323	262	V
2	2.628	43.35	PK2	32.4	-22	0	53.75	-	-	-	-	208	225	H
5	2.628	43.15	PK2	32.4	-22	0	53.55	-	-	-	-	209	194	V
3	2.64	46.24	PK2	32.4	-22	0	56.64	-	-	-	-	219	233	H
8	9.811	37.25	PK2	36.9	-24.7	0	49.45	-	-	-	-	315	288	H
11	9.812	37.54	PK2	36.9	-24.8	0	49.64	-	-	-	-	320	293	V

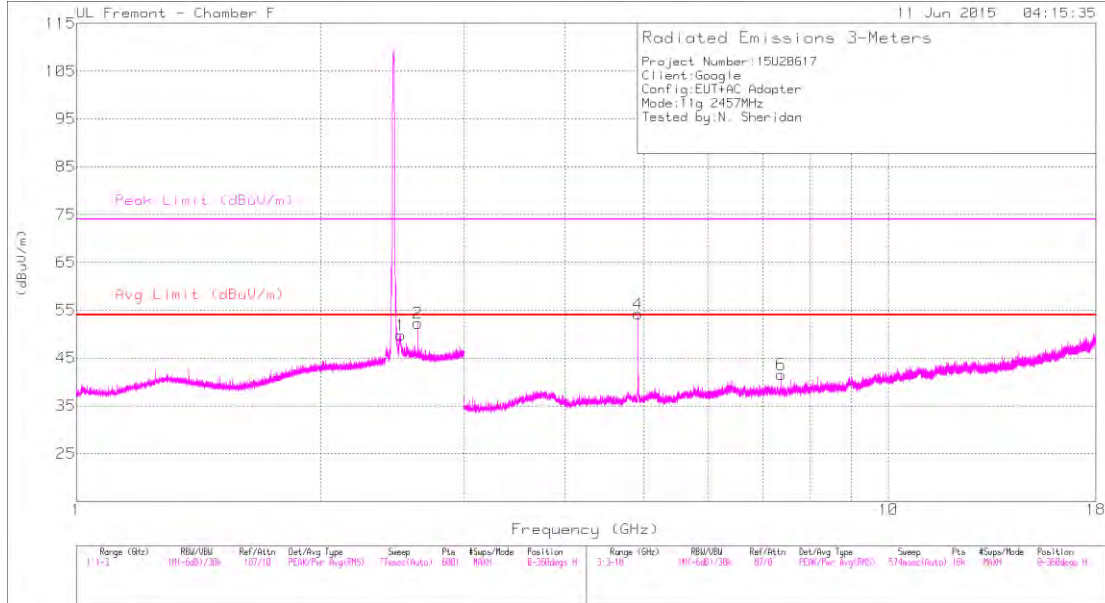
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

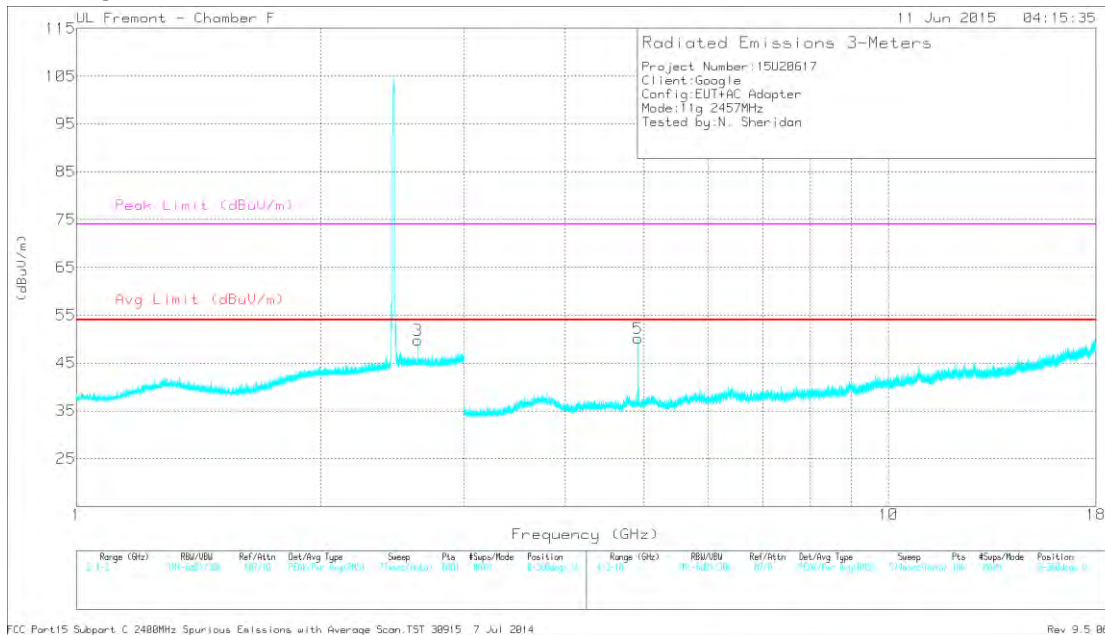
MAv1 - KDB558074 Option 1 Maximum RMS Average

CHANNEL 10

HORIZONTAL



VERTICAL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	2.51	45.94	PK2	32.3	-21	0	57.24	-	-	74	-16.76	219	101	H
2	2.633	42.87	PK2	32.7	-20.7	0	54.87	-	-	74	-19.13	219	101	H
3	2.633	41.91	PK2	32.7	-20.7	0	53.91	-	-	74	-20.09	219	201	V
4	* 4.914	50.17	PK2	34.1	-28.5	0	55.77	-	-	74	-18.23	219	225	H
	* 4.914	47.72	MAv1	34.1	-28.5	.11	53.43	54	-.57	-	-	219	225	H
6	* 7.369	37.81	PK2	35.7	-26	0	47.51	-	-	74	-26.49	219	201	H
	* 7.372	26.69	MAv1	35.7	-26	.11	36.5	54	-17.5	-	-	219	201	H
5	* 4.914	43.66	PK2	34.1	-28.5	0	49.26	-	-	74	-24.74	219	102	V
	* 4.914	38.44	MAv1	34.1	-28.5	.11	44.15	54	-9.85	-	-	219	102	V

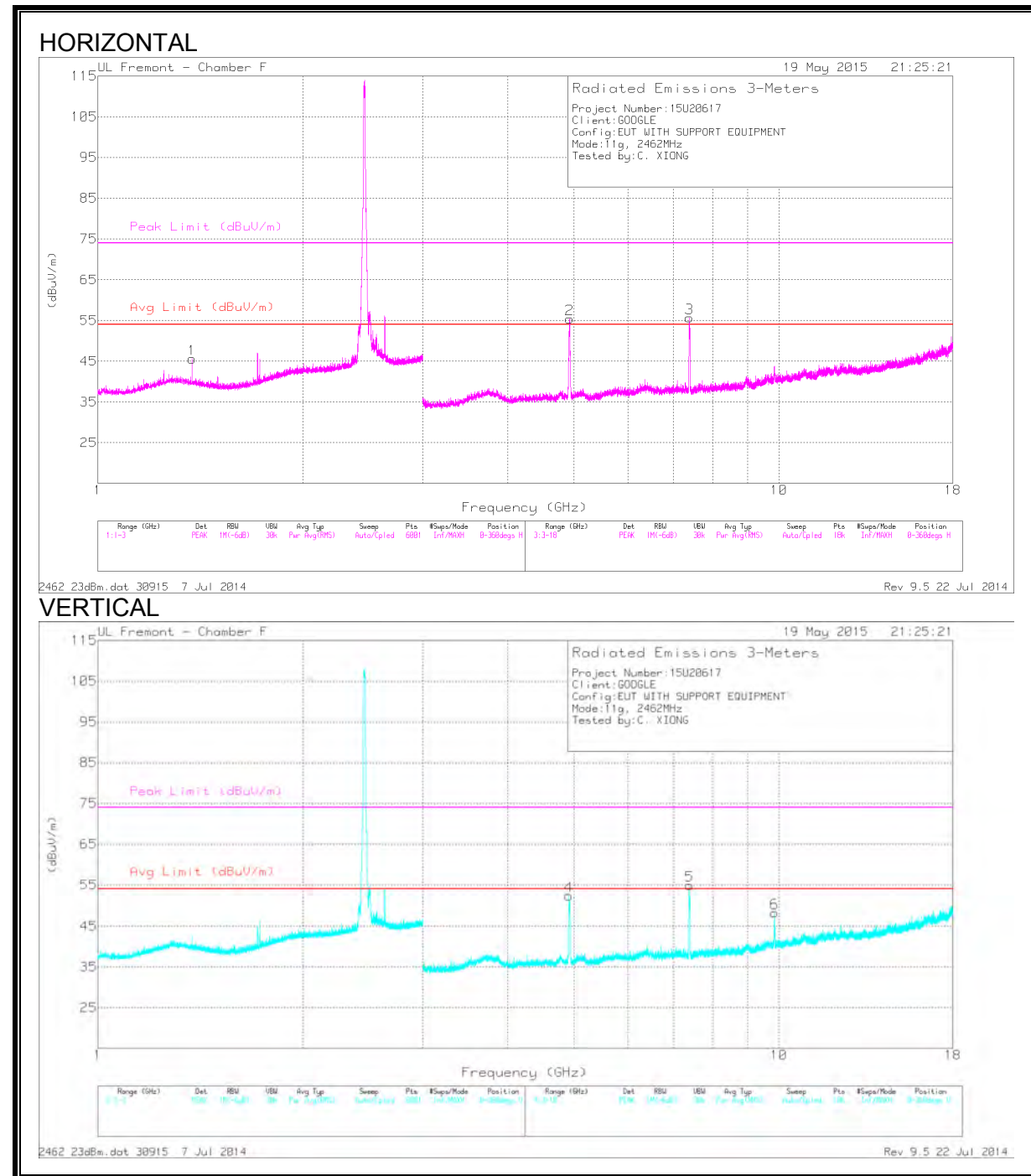
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/ Fltr/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	* 1.375	44.83	PK2	29.3	-22.1	0	52.03	-	-	74	-21.97	198	234	H
	* 1.375	36.98	MAv1	29.3	-22.1	.11	44.29	54	-9.71	-	-	198	234	H
2	* 4.927	57.12	PK2	34.1	-28.7	0	62.52	-	-	74	-11.48	288	307	H
	* 4.927	44.6	MAv1	34.1	-28.7	.11	50.11	54	-3.89	-	-	288	307	H
3	* 7.385	55.88	PK2	35.7	-25.7	0	65.88	-	-	74	-8.12	335	322	H
	* 7.385	40.93	MAv1	35.7	-25.7	.11	51.04	54	-2.96	-	-	335	322	H
4	* 4.919	54.33	PK2	34.1	-28.6	0	59.83	-	-	74	-14.17	262	295	V
	* 4.918	41.87	MAv1	34.1	-28.6	.11	47.48	54	-6.52	-	-	262	295	V
5	* 7.393	55.63	PK2	35.7	-25.6	0	65.73	-	-	74	-8.27	70	297	V
	* 7.393	41.66	MAv1	35.7	-25.6	.11	51.87	54	-2.13	-	-	70	297	V
6	9.856	39.33	PK2	37.2	-22	0	54.53	-	-	-	-	70	297	V

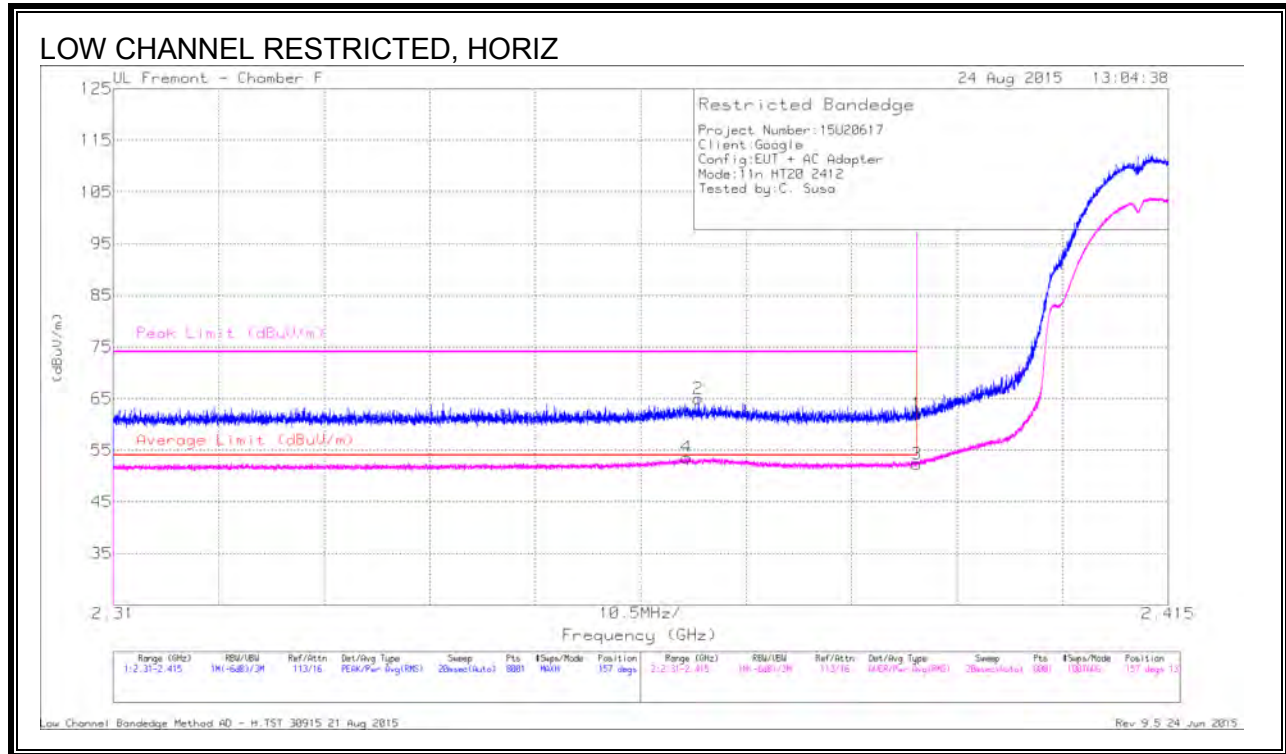
* - indicates frequency in CFR 47, Part 15.

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.3. TX ABOVE 1 GHz 802.11n HT20 2TX MODE IN THE 2.4 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

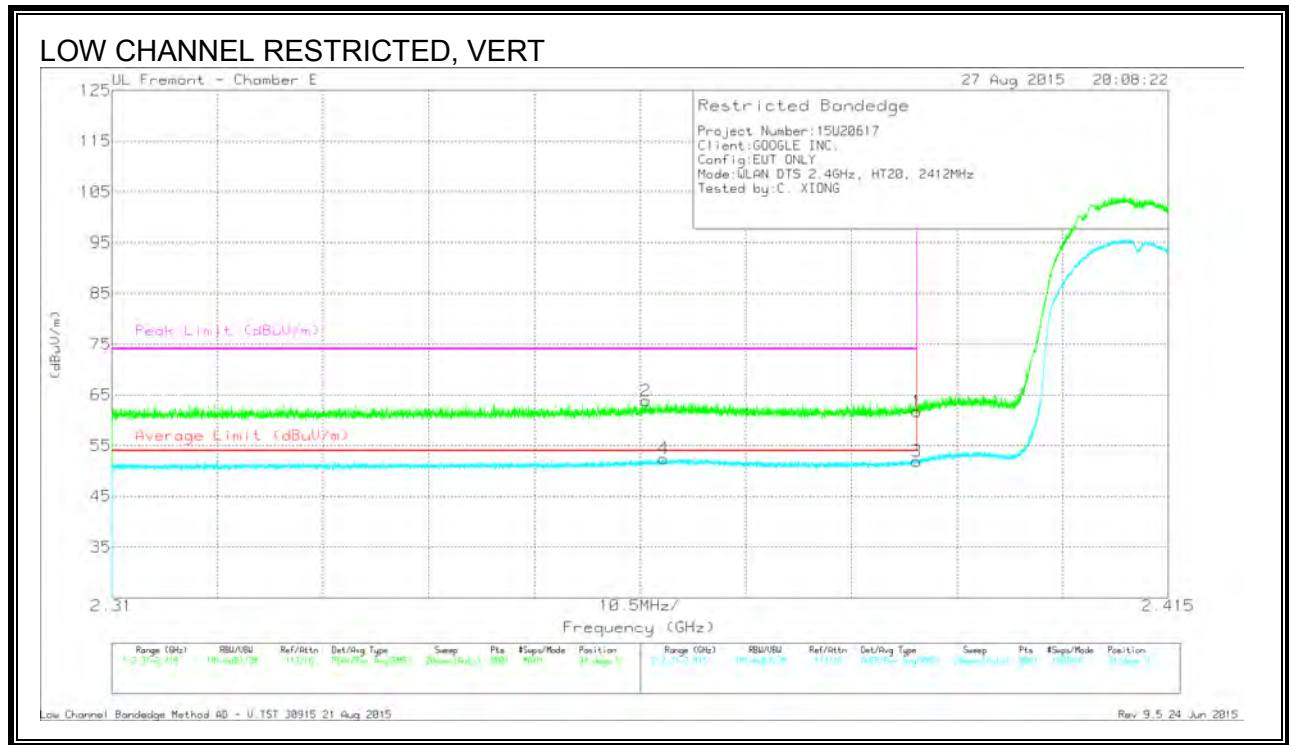


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dBm)	Amp/Cbl/FI tr/Pad (dB)	10dB Pad	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	41.18	Pk	31.9	-21	10	0	62.08	-	-	74	-11.92	157	137	H
2	* 2.368	44.1	Pk	31.9	-21	10	0	65	-	-	74	-9	157	137	H
3	* 2.39	31.28	RMS	31.9	-21	10	.12	52.3	54	-1.7	-	-	157	137	H
4	* 2.367	32.6	RMS	31.9	-21	10	.12	53.62	54	-.38	-	-	157	137	H

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection



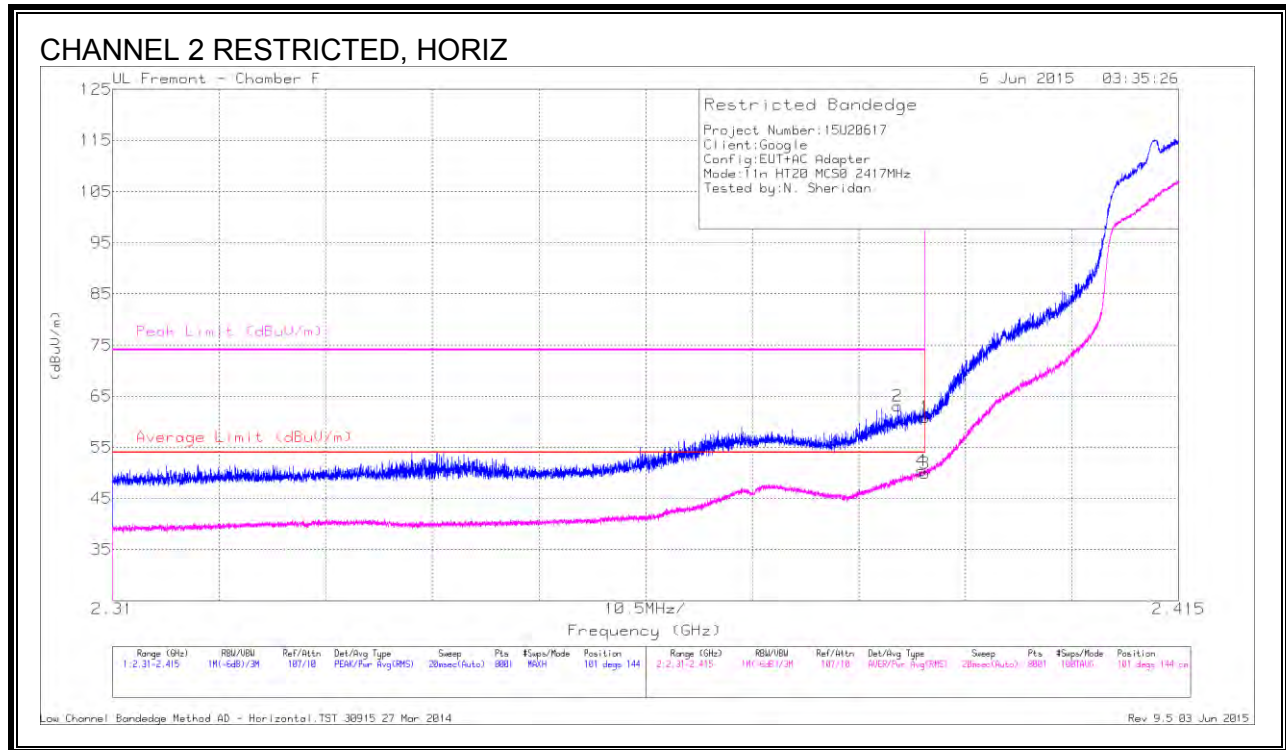
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Ampl/CbI/FI tr/Pad (dB)	10dB Pad	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	42.86	Pk	32.1	-23.2	10	0	61.76	-	-	74	-12.24	34	368	V
2	* 2.363	45.07	Pk	32	-23.2	10	0	63.87	-	-	74	-10.13	34	368	V
3	* 2.39	32.86	RMS	32.1	-23.2	10	.12	51.88	54	-2.12	-	-	34	368	V
4	* 2.365	33.44	RMS	32	-23.1	10	.12	52.46	54	-1.54	-	-	34	368	V

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (CHANNEL 2)

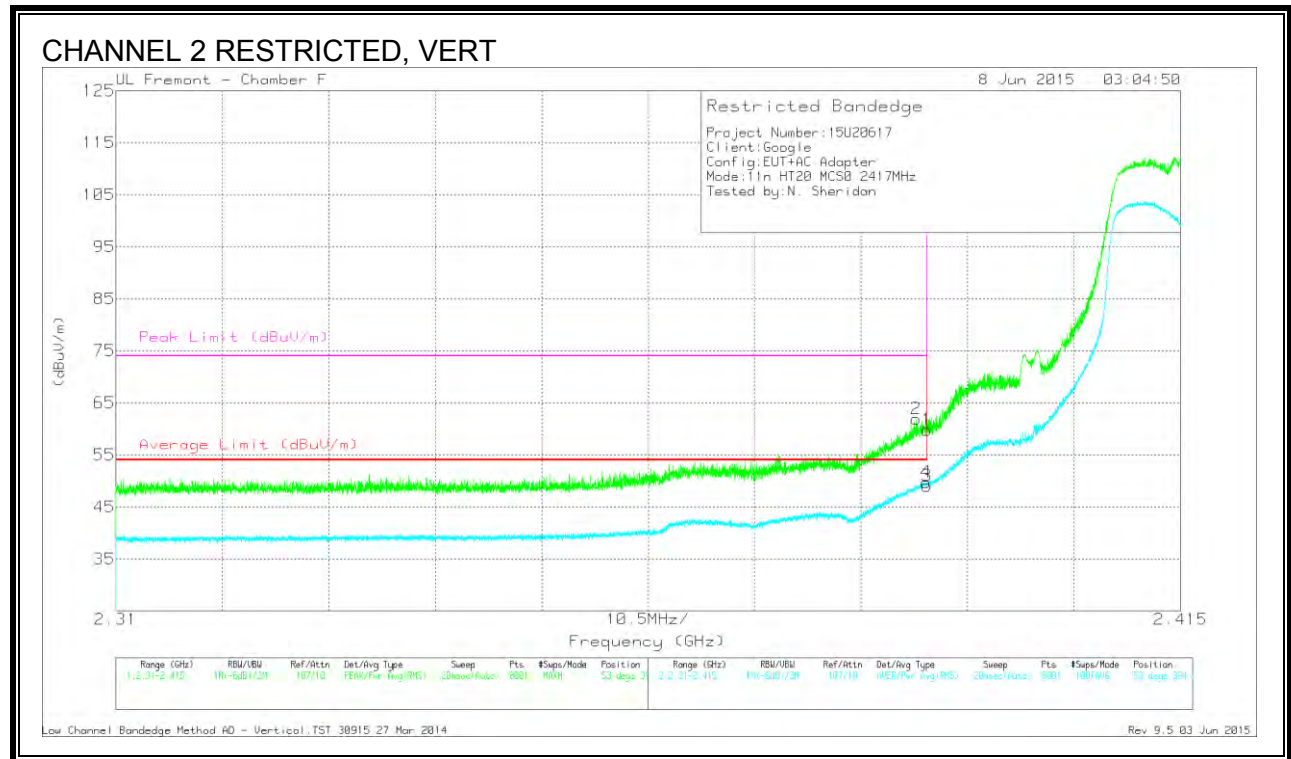


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/FI tr/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	49.84	Pk	31.9	-20.9	0	60.84	-	-	74	-13.16	101	144	H
2	* 2.387	52.04	Pk	31.9	-20.9	0	63.04	-	-	74	-10.96	101	144	H
3	* 2.39	38.76	RMS	31.9	-20.9	.12	49.88	54	-4.12	-	-	101	144	H
4	* 2.39	39.33	RMS	31.9	-20.9	.12	50.45	54	-3.55	-	-	101	144	H

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection



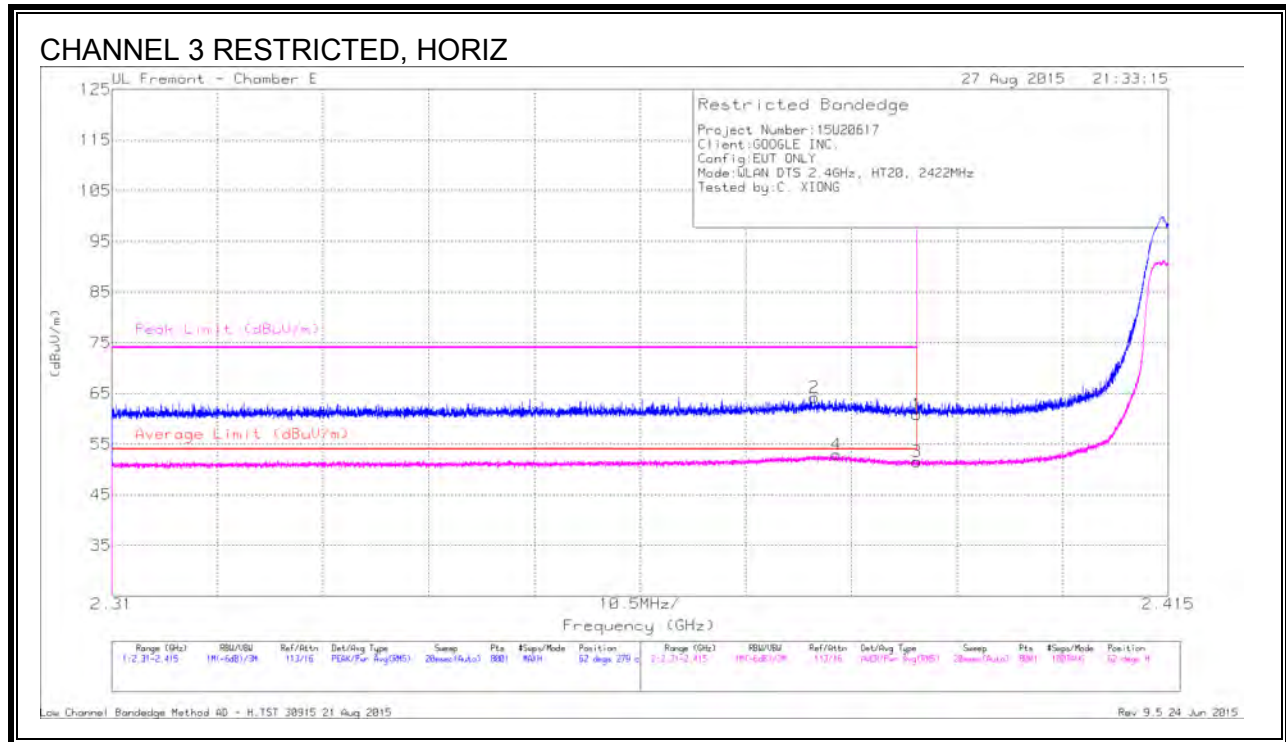
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb/F1 tri/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	48.8	Pk	31.9	-20.9	0	59.8	-	-	74	-14.2	53	394	V
2	* 2.389	50.92	Pk	31.9	-20.9	0	61.92	-	-	74	-12.08	53	394	V
3	* 2.39	37.95	RMS	31.9	-20.9	.12	49.07	54	-4.93	-	-	53	394	V
4	* 2.39	38.62	RMS	31.9	-20.9	.12	49.74	54	-4.26	-	-	53	394	V

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (CHANNEL 3)

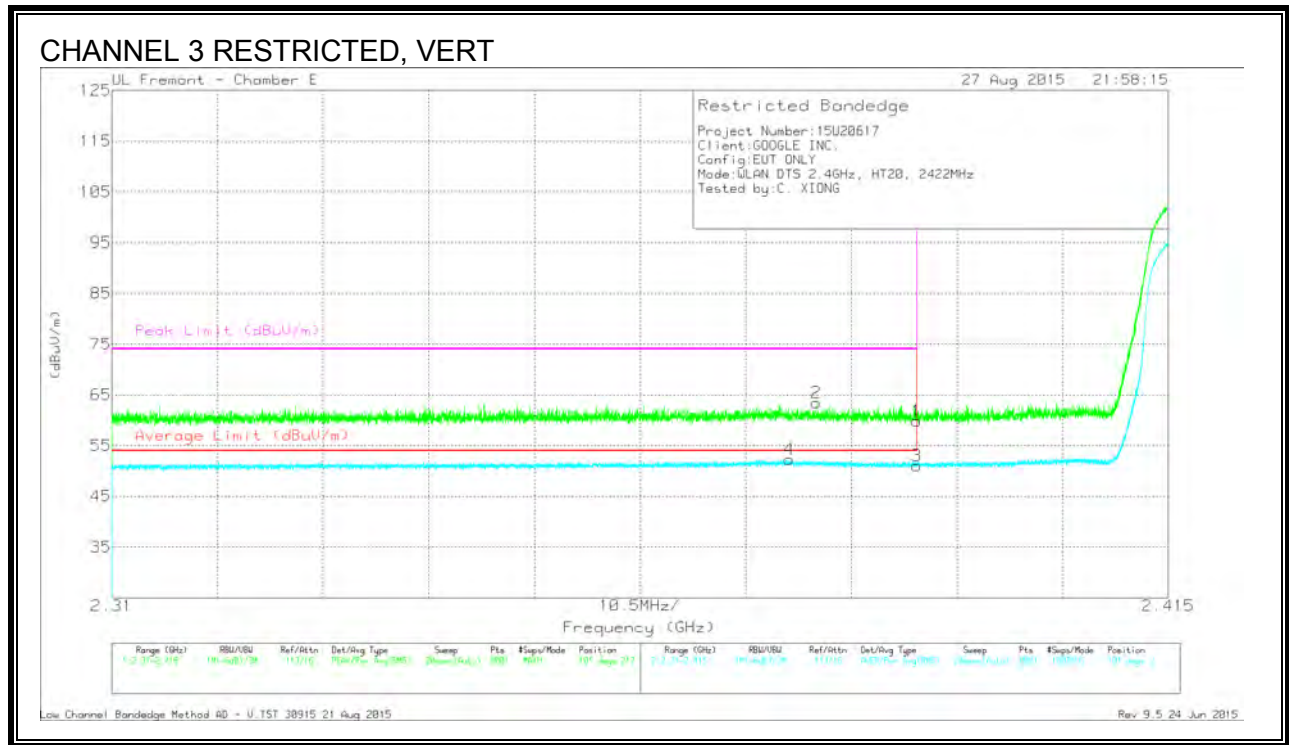


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dBm)	Amp/Cbl/FI tri/Pad (dB)	10dB Pad	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	* 2.38	45.3	Pk	32	-23.1	10	0	64.2	-	-	74	-9.8	62	279	H
4	* 2.382	33.84	RMS	32	-23.1	10	.12	52.86	54	-1.14	-	-	62	279	H
1	* 2.39	41.96	Pk	32.1	-23.2	10	0	60.86	-	-	74	-13.14	62	279	H
3	* 2.39	32.54	RMS	32.1	-23.2	10	.12	51.56	54	-2.44	-	-	62	279	H

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection



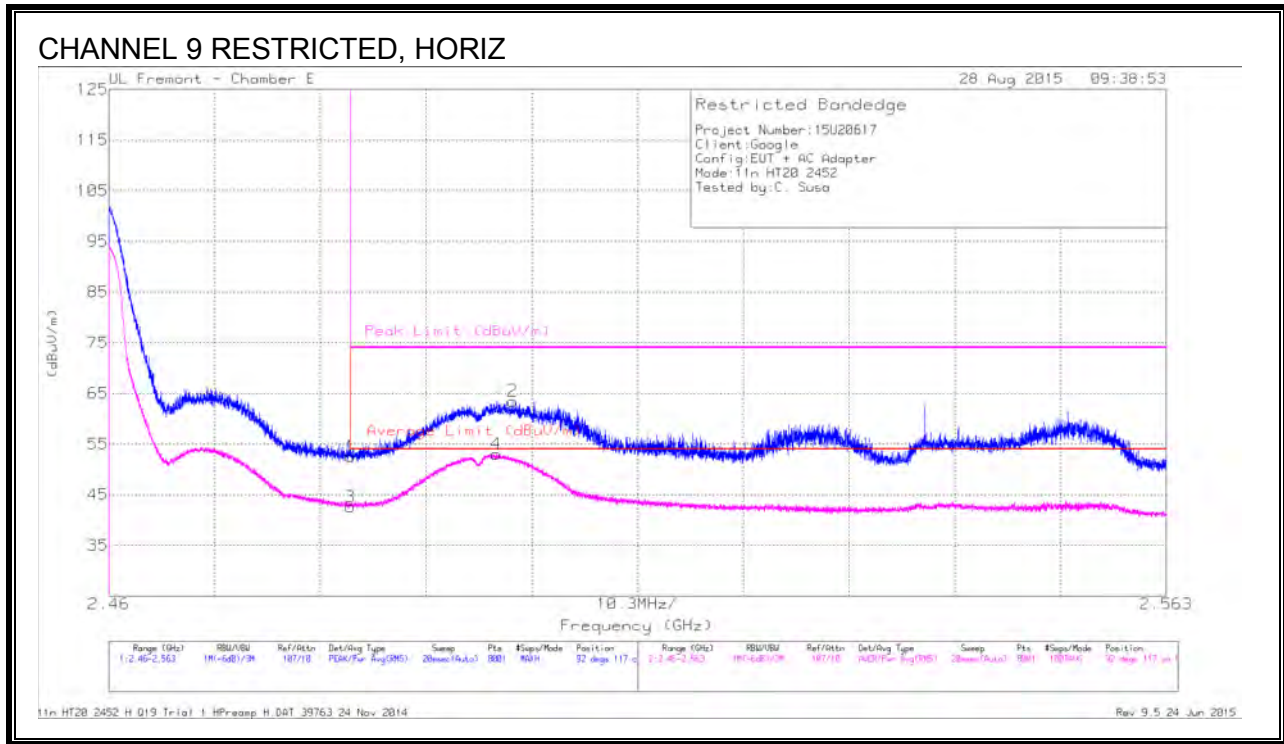
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Ampl/CbI/FI tr/Pad (dB)	10dB Pad	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
4	* 2.377	33.32	RMS	32	-23.2	10	.12	52.24	54	-1.46	-	-	101	217	V
2	* 2.38	44.54	Pk	32	-23.1	10	0	63.44	-	-	74	-10.56	101	217	V
1	* 2.39	40.93	Pk	32.1	-23.2	10	0	59.83	-	-	74	-14.17	101	217	V
3	* 2.39	31.96	RMS	32.1	-23.2	10	.12	50.98	54	-3.02	-	-	101	217	V

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEGE (CHANNEL 9)

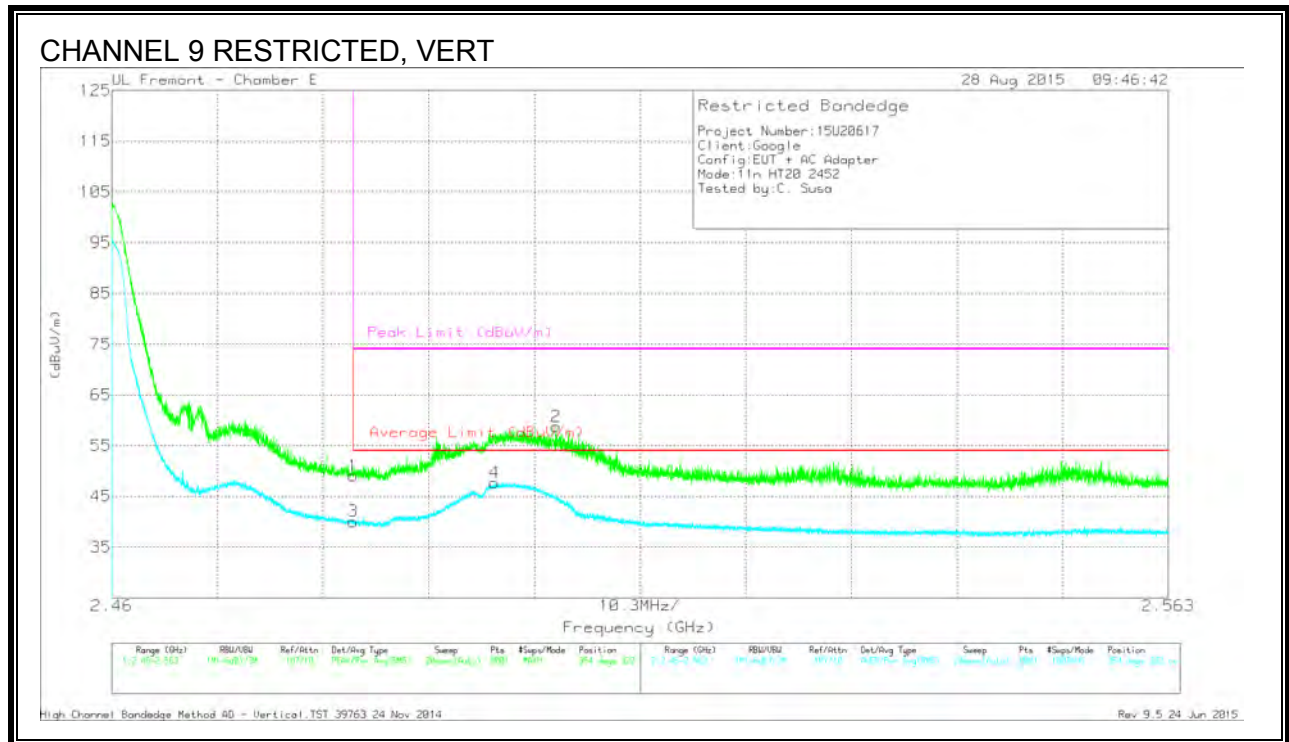


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/I/FI tri/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	40.34	Pk	32.2	-20	0	52.54	-	-	74	-21.46	92	117	H
3	* 2.484	30.45	RMS	32.2	-20	.12	42.77	54	-11.23	-	-	92	117	H
4	* 2.498	40.89	RMS	32.2	-20.1	.12	53.11	54	-89	-	-	92	117	H
2	* 2.499	51.41	Pk	32.2	-20.1	0	63.51	-	-	74	-10.49	92	117	H

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection



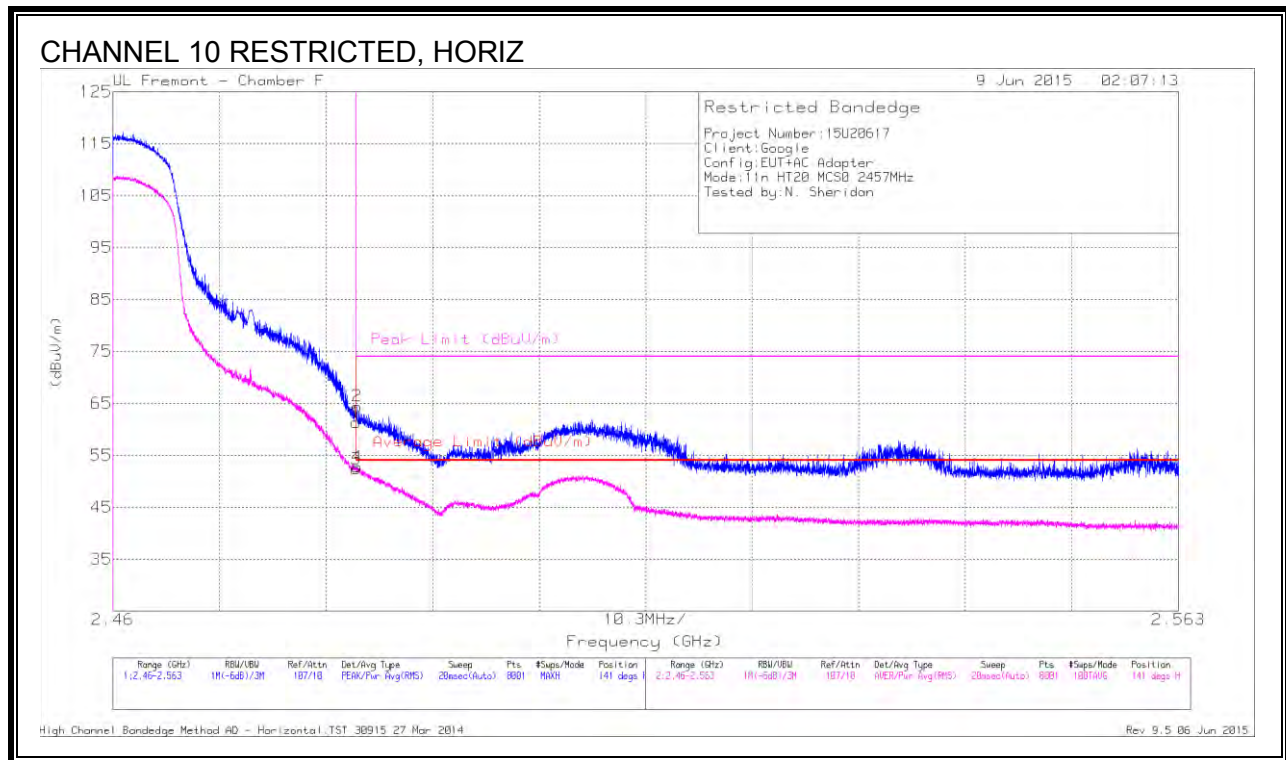
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/FI tr/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	36.83	PK	32.2	-20	0	49.03	-	-	74	-24.97	354	322	V
3	* 2.484	27.85	RMS	32.2	-20	.12	40.17	54	-13.83	-	-	354	322	V
4	* 2.497	35.54	RMS	32.2	-20.1	.12	47.76	54	-6.24	-	-	354	322	V
2	2.503	46.61	PK	32.2	-20.1	0	58.71	-	-	74	-15.29	354	322	V

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (CHANNEL 10)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/FI tr/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	50.03	PK	32.2	-20.9	0	61.33	-	-	74	-12.67	141	218	H
2	* 2.484	53.13	PK	32.2	-20.9	0	64.43	-	-	74	-9.57	141	218	H
3	* 2.484	40.99	RMS	32.2	-20.9	.12	52.41	54	-1.59	-	-	141	218	H
4	* 2.484	41.36	RMS	32.2	-20.9	.12	52.78	54	-1.22	-	-	141	218	H

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection

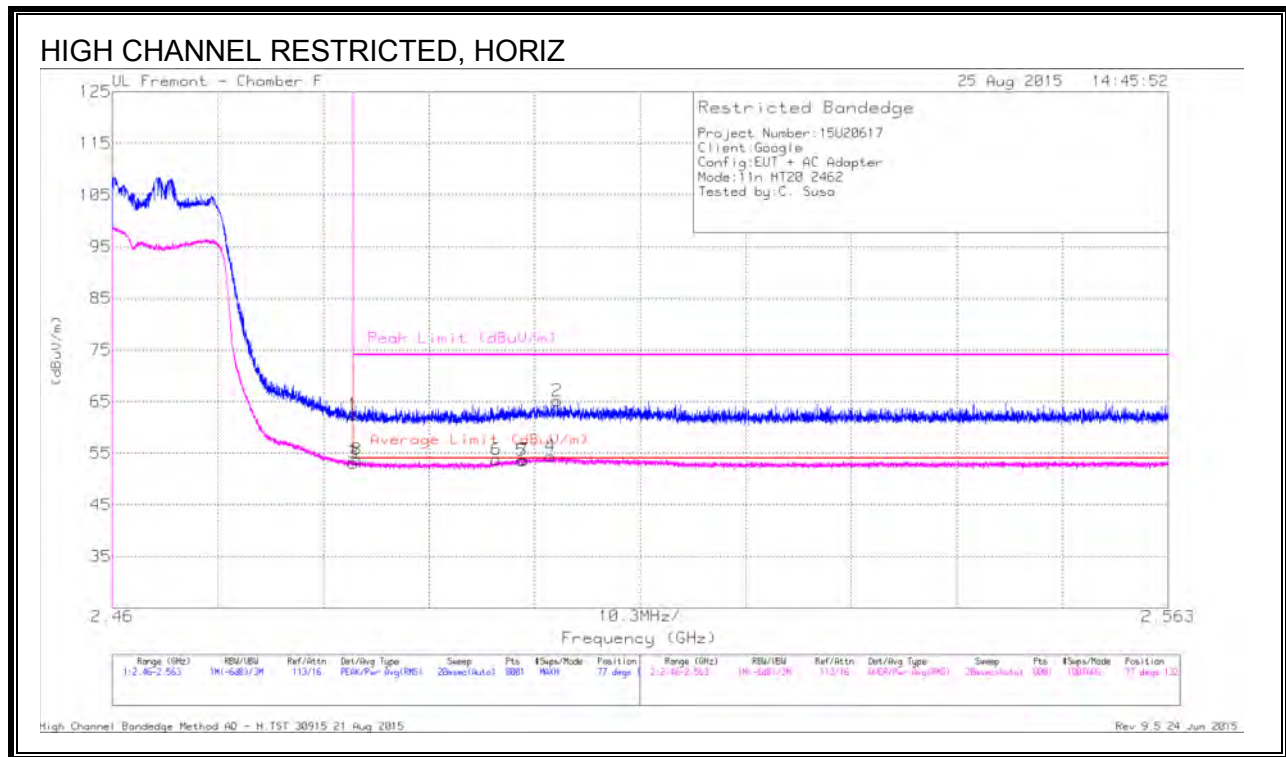


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/CNFI tr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	48.04	Pk	32.2	-20.9	0	59.34	-	-	74	-14.66	81	200	V
2	* 2.484	50.47	Pk	32.2	-20.9	0	61.77	-	-	74	-12.23	81	200	V
3	* 2.484	38.37	RMS	32.2	-20.9	.12	49.79	54	-4.21	-	-	81	200	V
4	* 2.484	38.34	RMS	32.2	-20.9	.12	49.76	54	-4.24	-	-	81	200	V

* - indicates frequency in CFR 47, Part 15 Restricted Band”.

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (HIGH CHANNEL)

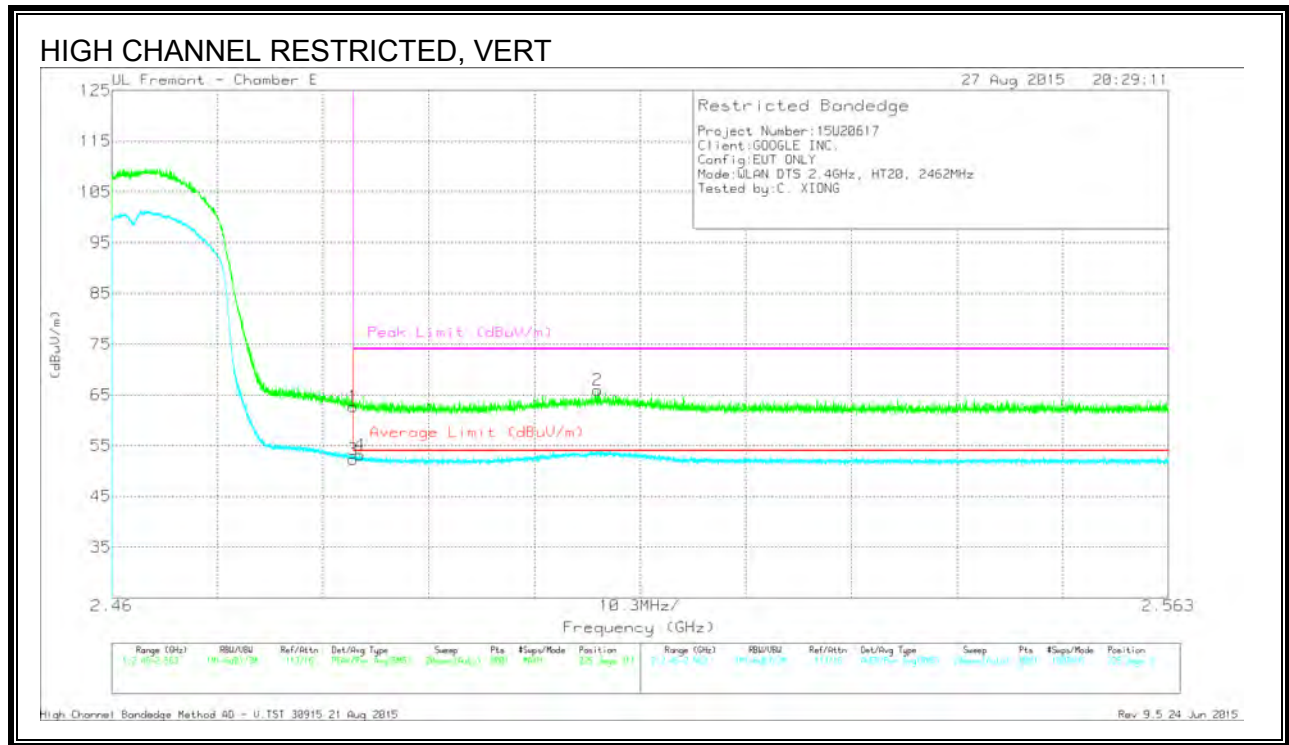


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	10dB Pad	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	41.39	Pk	32.2	-21.1	10	0	62.49	-	-	74	-11.51	77	132	H
2	2.503	43.95	Pk	32.3	-21.1	10	0	65.15	-	-	-	-	77	132	H
3	* 2.484	31.94	RMS	32.2	-21.1	10	.12	53.16	54	-84	-	-	77	132	H
4	2.503	33.12	RMS	32.3	-21.1	10	.12	54.44	-	-	-	-	77	132	H
5	* 2.5	32.24	RMS	32.3	-21.1	10	.12	53.56	54	-44	-	-	77	132	H
6	* 2.497	32.53	RMS	32.3	-21.2	10	.12	53.75	54	-25	-	-	77	132	H
7	2.5	32.42	RMS	32.3	-21.1	10	.12	53.74	-	-	-	-	77	132	H
8	* 2.484	32.56	RMS	32.2	-21.1	10	.12	53.78	54	-22	-	-	77	132	H

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection



Trace Markers

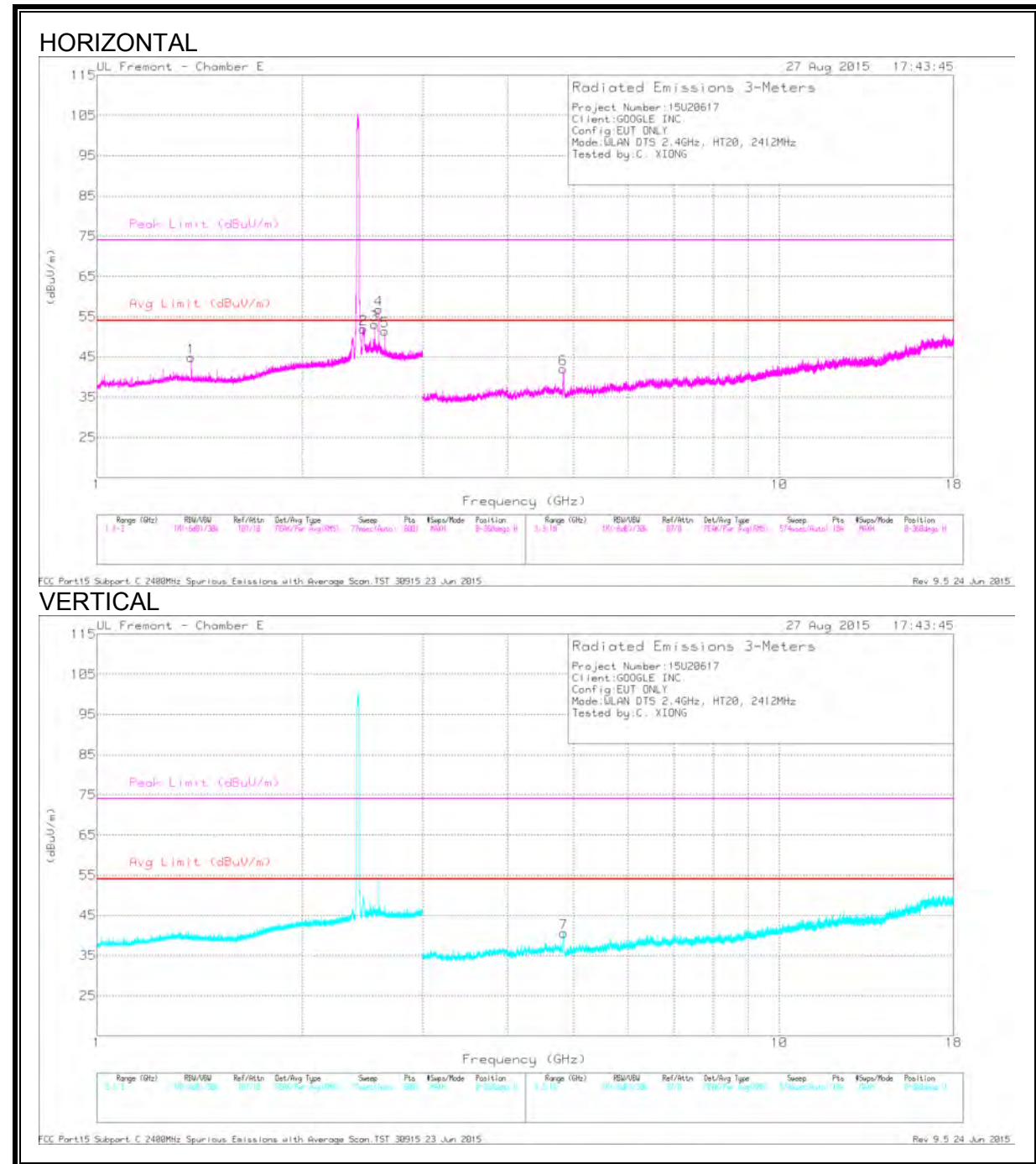
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Ampl/CbI/FI tr/Pad (dB)	10dB Pad	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	43.43	Pk	32.2	-22.9	10	0	62.73	-	-	74	-11.27	225	311	V
3	* 2.484	32.91	RMS	32.2	-22.9	10	.12	52.33	54	-1.67	-	-	225	311	V
4	* 2.484	33.75	RMS	32.2	-22.9	10	.12	53.17	54	-0.83	-	-	225	311	V
2	2.507	46.67	Pk	32.2	-22.9	10	0	65.97	-	-	74	-8.03	225	311	V

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/FI tr/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	* 1.375	48.31	PK2	28.6	-25.5	0	51.41	-	-	74	-22.59	134	101	H
	* 1.375	39.92	MAv1	28.6	-25.5	.12	43.14	54	-10.86	-	-	134	101	H
6	* 4.824	46.67	PK2	34.1	-30.1	0	50.67	-	-	74	-23.33	256	203	H
	* 4.824	33.23	MAv1	34.1	-30.1	.12	37.35	54	-16.65	-	-	256	203	H
7	* 4.822	47.17	PK2	34.1	-30.1	0	51.17	-	-	74	-22.83	214	349	V
	* 4.822	33.5	MAv1	34.1	-30.1	.12	37.62	54	-16.38	-	-	214	349	V
2	2.459	42.94	Pk	32.1	-23.1	0	51.94	-	-	74	-22.06	0-360	102	H
3	2.553	43.67	Pk	32.3	-22.9	0	53.07	-	-	74	-20.93	0-360	102	H
4	2.588	47.14	Pk	32.3	-22.7	0	56.74	-	-	74	-17.26	0-360	102	H
5	2.64	41.51	Pk	32.4	-22.5	0	51.41	-	-	74	-22.59	0-360	102	H

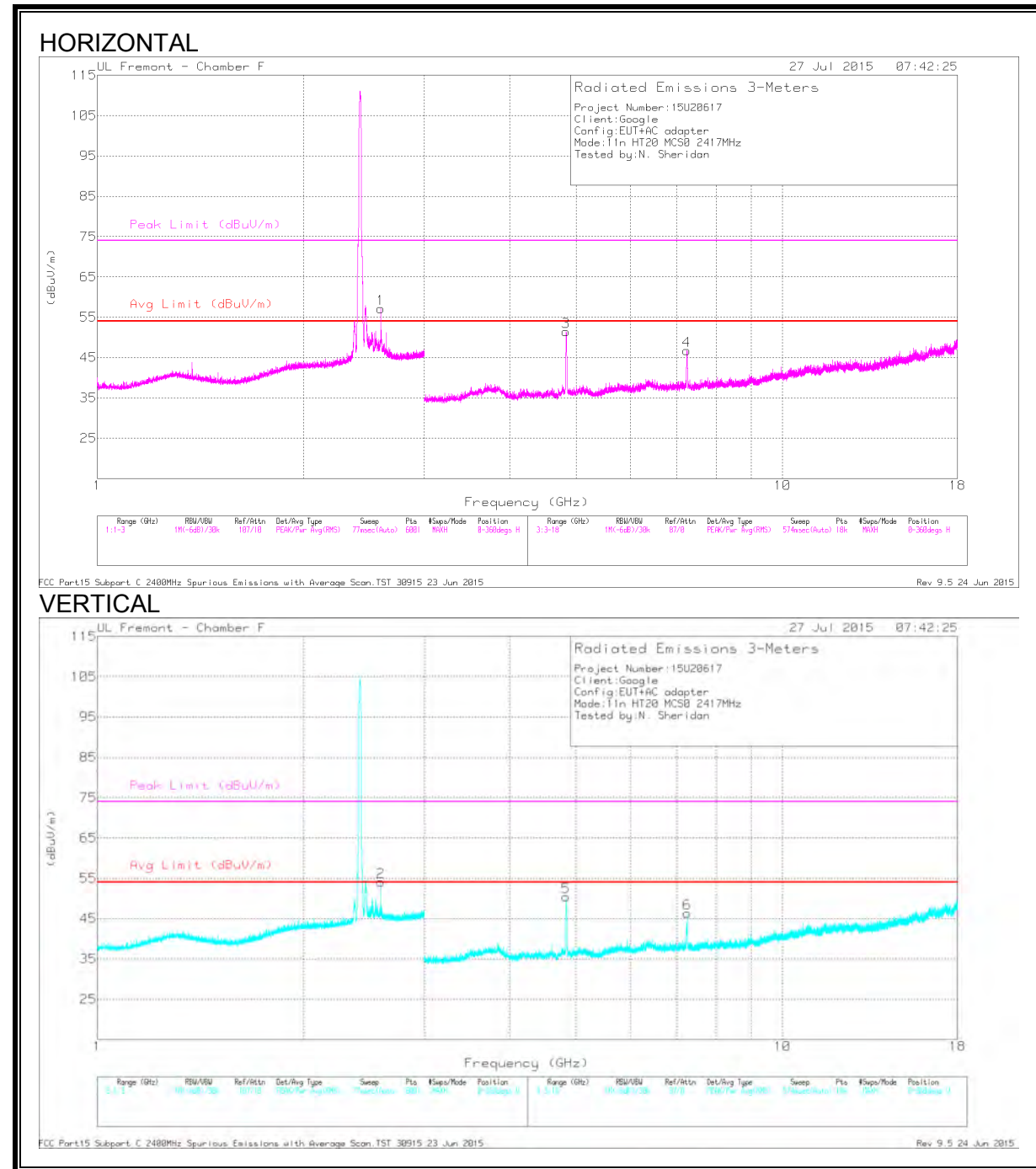
* - indicates frequency in CFR 47, Part 15.

PK - Peak detector

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

CHANNEL 2



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	2.593	48.71	PK2	32.6	-21	0	60.31	-	-	74	-13.69	187	106	H
2	2.593	46.61	PK2	32.6	-21	0	58.21	-	-	74	-15.79	196	198	V
3	* 4.832	51.16	PK2	34.1	-27.2	0	58.06	-	-	74	-15.94	301	214	H
	* 4.832	38.34	MAv1	34.1	-27.2	.12	45.36	54	-8.64	-	-	301	214	H
4	* 7.252	46.99	PK2	35.6	-26.4	0	56.19	-	-	74	-17.81	344	160	H
	* 7.25	32.35	MAv1	35.6	-26.3	.12	41.77	54	-12.23	-	-	344	160	H
5	* 4.83	52.57	PK2	34.1	-27.2	0	59.47	-	-	74	-14.53	276	253	V
	* 4.831	38.67	MAv1	34.1	-27.2	.12	45.69	54	-8.31	-	-	276	253	V
6	* 7.255	47.91	PK2	35.6	-26.4	0	57.11	-	-	74	-16.89	71	305	V
	* 7.255	32.8	MAv1	35.6	-26.4	.12	42.12	54	-11.88	-	-	71	305	V

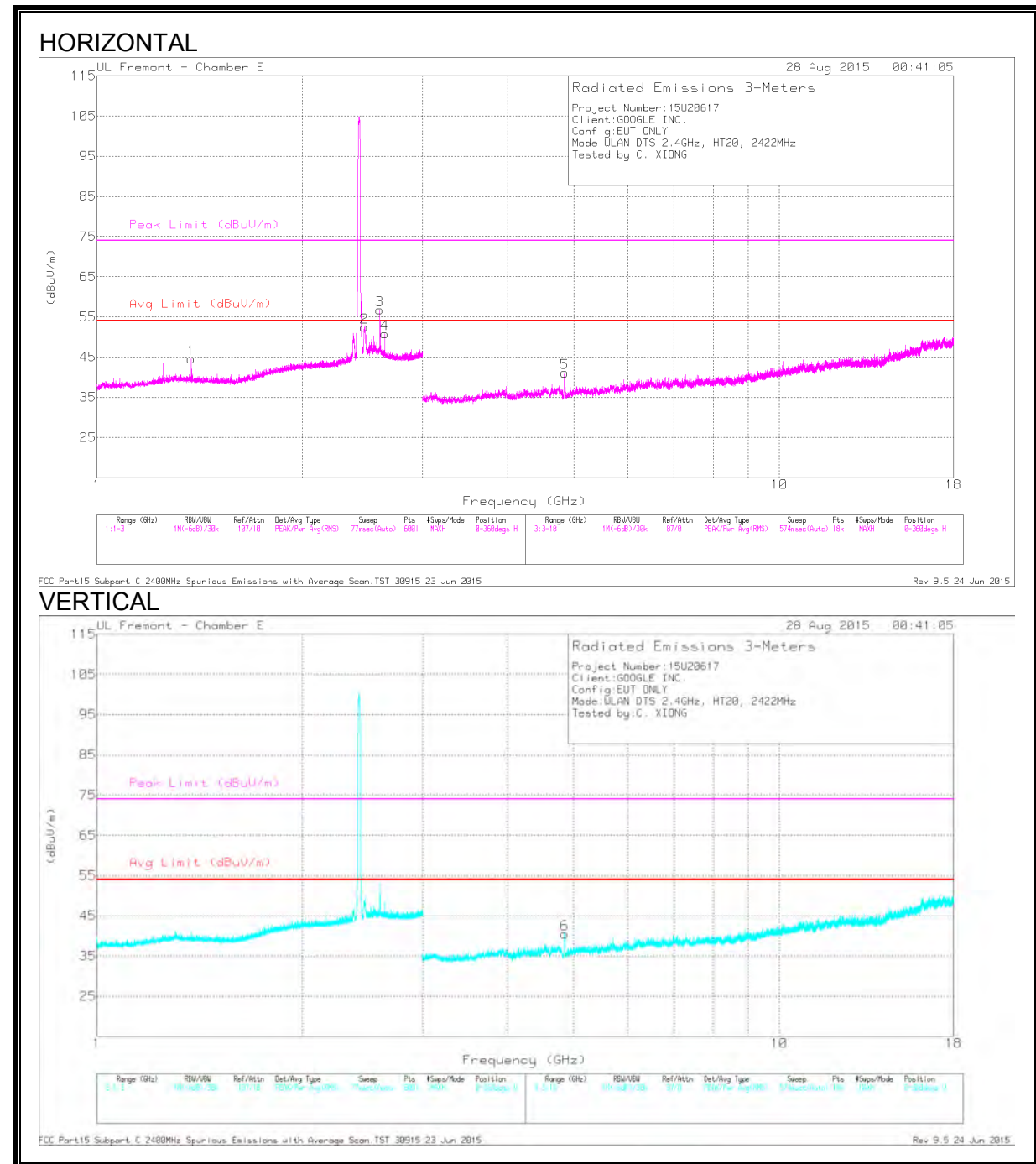
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

CHANNEL 3



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/FI tr/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	* 1.375	48.04	PK2	28.6	-25.5	0	51.14	-	-	74	-22.86	137	103	H
	* 1.375	38.99	MAv1	28.6	-25.5	.12	42.21	54	-11.79	-	-	137	103	H
5	* 4.84	47.18	PK2	34.1	-30.1	0	51.18	-	-	74	-22.82	252	181	H
	* 4.842	33.91	MAv1	34.1	-30.1	.12	38.03	54	-15.97	-	-	252	181	H
6	* 4.841	46.52	PK2	34.1	-30.1	0	50.52	-	-	74	-23.48	220	281	V
	* 4.843	34	MAv1	34.1	-30.1	.12	38.12	54	-15.88	-	-	220	281	V
2	2.467	43.31	Pk	32.1	-23	0	52.41	-	-	74	-21.59	0-360	100	H
3	2.598	47.08	Pk	32.4	-22.7	0	56.78	-	-	74	-17.22	0-360	100	H
4	2.64	40.9	Pk	32.4	-22.5	0	50.8	-	-	74	-23.2	0-360	100	H

* - indicates frequency in CFR 47, Part 15.

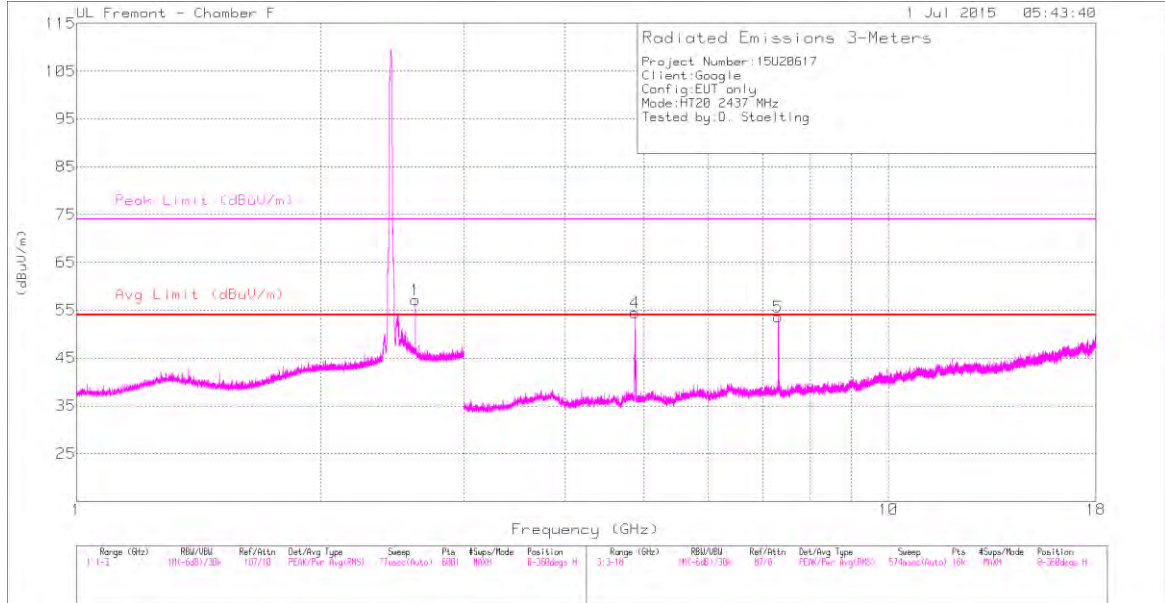
PK - Peak detector

PK2 - KDB558074 Method: Maximum Peak

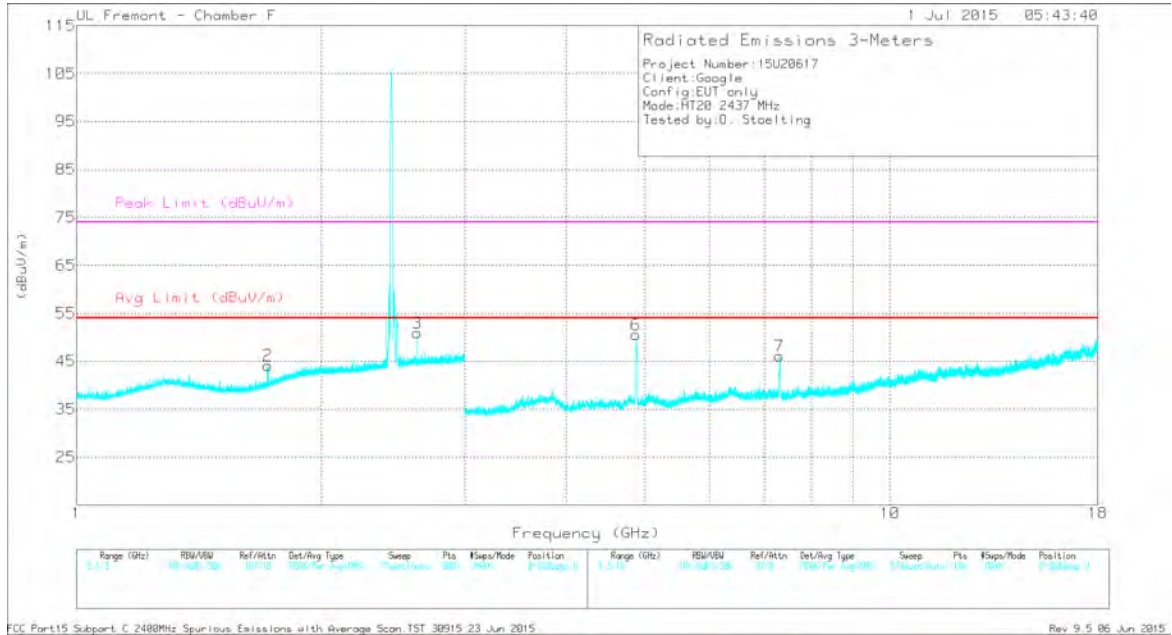
MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL

HORIZONTAL



VERTICAL



Trace Markers

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	2.613	48.04	PK2	32.6	-20.9	0	59.74	-	-	74	-14.26	186	287	H
2	* 1.72	42.47	PK2	29.1	-21.8	0	49.77	-	-	74	-24.23	326	296	V
	* 1.72	29.82	MAv1	29.1	-21.8	.12	37.24	54	-16.76	-	-	326	296	V
3	2.625	44.24	PK2	32.7	-20.9	0	56.04	-	-	74	-17.96	257	353	V
4	* 4.872	54.91	PK2	34.1	-27.8	0	61.21	-	-	74	-12.79	301	218	H
	* 4.872	41.18	MAv1	34.1	-27.8	.12	47.6	54	-6.4	-	-	301	218	H
5	* 7.31	52.66	PK2	35.7	-26.7	0	61.66	-	-	74	-12.34	355	137	H
	* 7.311	38.12	MAv1	35.7	-26.7	.12	47.24	54	-6.76	-	-	355	137	H
6	* 4.873	53.62	PK2	34.1	-27.8	0	59.92	-	-	74	-14.08	264	302	V
	* 4.871	40.31	MAv1	34.1	-27.8	.12	46.73	54	-7.27	-	-	264	302	V
7	* 7.314	54.3	PK2	35.7	-26.7	0	63.3	-	-	74	-10.7	67	260	V
	* 7.314	39.34	MAv1	35.7	-26.7	.12	48.46	54	-5.54	-	-	67	260	V

* - indicates frequency in CFR 47, Part 15 Restricted Band".

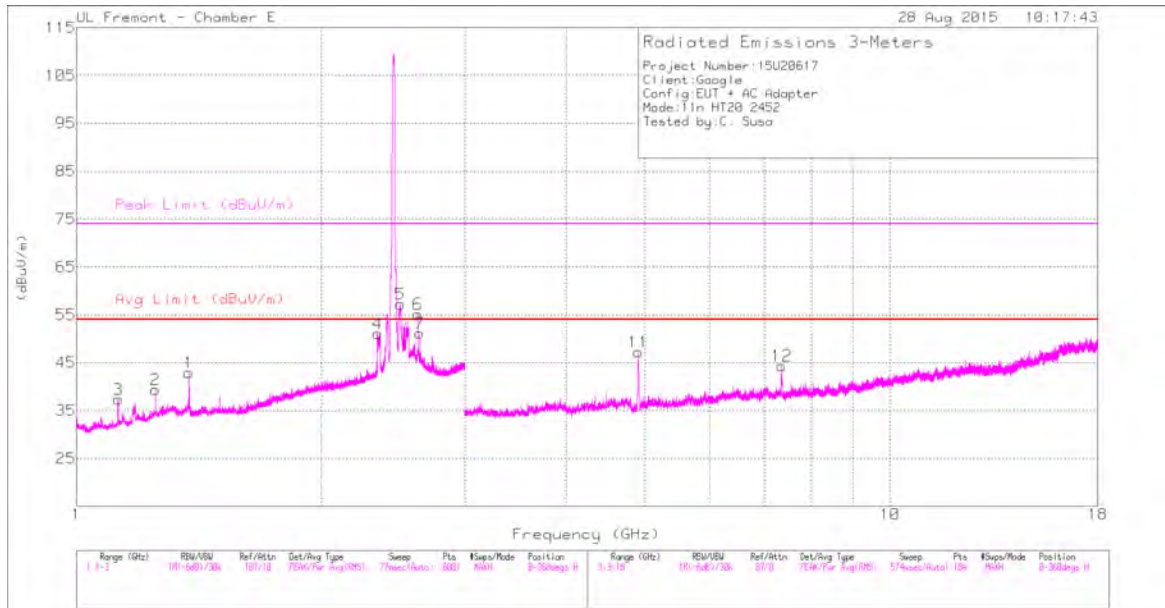
PK - Peak detector

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

CHANNEL 9

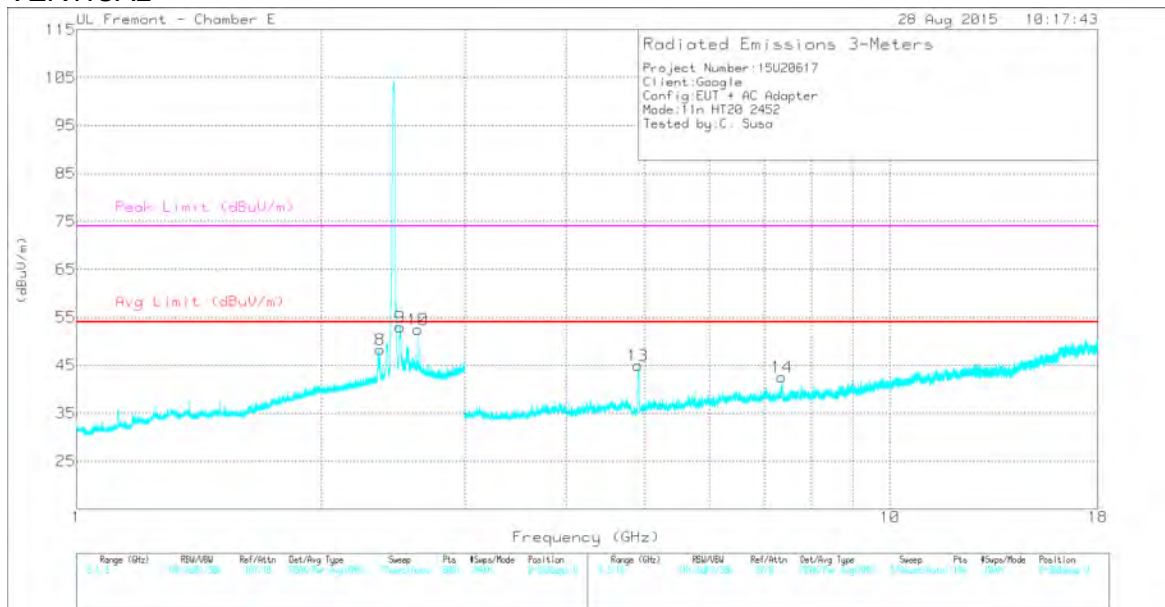
HORIZONTAL



FCC Part 15 Subpart C 2400MHz Spurious Emissions with Average Scan TST 39763 24 Nov 2014

Rev 9.5 24 Jun 2015

VERTICAL



FCC Part 15 Subpart C 2400MHz Spurious Emissions with Average Scan TST 39763 24 Nov 2014

Rev 9.5 24 Jun 2015

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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
5	* 2.5	51.39	PK2	32.2	-20.1	0	63.49	-	-	74	-10.51	152	313	H
	* 2.5	39.46	MAV1	32.2	-20.1	.12	51.68	54	-2.32	-	-	152	313	H
1	* 1.375	41.99	PK2	28.6	-22.2	0	48.39	-	-	74	-25.61	141	102	H
	* 1.375	34.87	MAV1	28.6	-22.2	.12	41.39	54	-12.61	-	-	141	102	H
4	* 2.352	46.08	PK2	32	-20.1	0	57.98	-	-	74	-16.02	91	187	H
	* 2.351	31.03	MAV1	32	-20.1	.12	43.05	54	-10.95	-	-	91	187	H
2	* 1.25	41.22	PK2	28.5	-22.6	0	47.12	-	-	74	-26.88	136	118	H
	* 1.25	34.31	MAV1	28.5	-22.6	.12	40.33	54	-13.67	-	-	136	118	H
3	* 1.125	38.76	PK2	27.3	-23.4	0	42.66	-	-	74	-31.34	86	215	H
	* 1.125	29.48	MAV1	27.3	-23.4	.12	33.5	54	-20.5	-	-	86	215	H
8	* 2.362	42.89	PK2	32	-20	0	54.89	-	-	74	-19.11	197	356	V
	* 2.36	29.1	MAV1	32	-20	.12	41.22	54	-12.78	-	-	197	356	V
9	* 2.5	50.16	PK2	32.2	-20.1	0	62.26	-	-	74	-11.74	94	256	V
	* 2.497	37.09	MAV1	32.2	-20.1	.12	49.31	54	-4.69	-	-	94	256	V
11	* 4.903	52.23	PK2	34.1	-30.5	0	55.83	-	-	74	-18.17	256	271	H
	* 4.903	38.41	MAV1	34.1	-30.5	.12	42.13	54	-11.87	-	-	256	271	H
12	* 7.36	45.61	PK2	35.5	-27.3	0	53.81	-	-	74	-20.19	293	171	H
	* 7.358	30.83	MAV1	35.5	-27.2	.12	39.25	54	-14.75	-	-	293	171	H
13	* 4.903	51.84	PK2	34.1	-30.5	0	55.44	-	-	74	-18.56	218	260	V
	* 4.902	37.43	MAV1	34.1	-30.5	.12	41.15	54	-12.85	-	-	218	260	V
14	* 7.364	43.04	PK2	35.5	-27.4	0	51.14	-	-	74	-22.86	6	199	V
	* 7.364	29.92	MAV1	35.5	-27.3	.12	38.24	54	-15.76	-	-	6	199	V
6	2.628	42.48	Pk	32.4	-19.7	0	55.18	-	-	74	-18.82	0-360	100	H
10	2.628	39.76	Pk	32.4	-19.7	0	52.46	-	-	74	-21.54	0-360	200	V
7	2.64	38.44	Pk	32.4	-19.7	0	51.14	-	-	74	-22.86	0-360	100	H

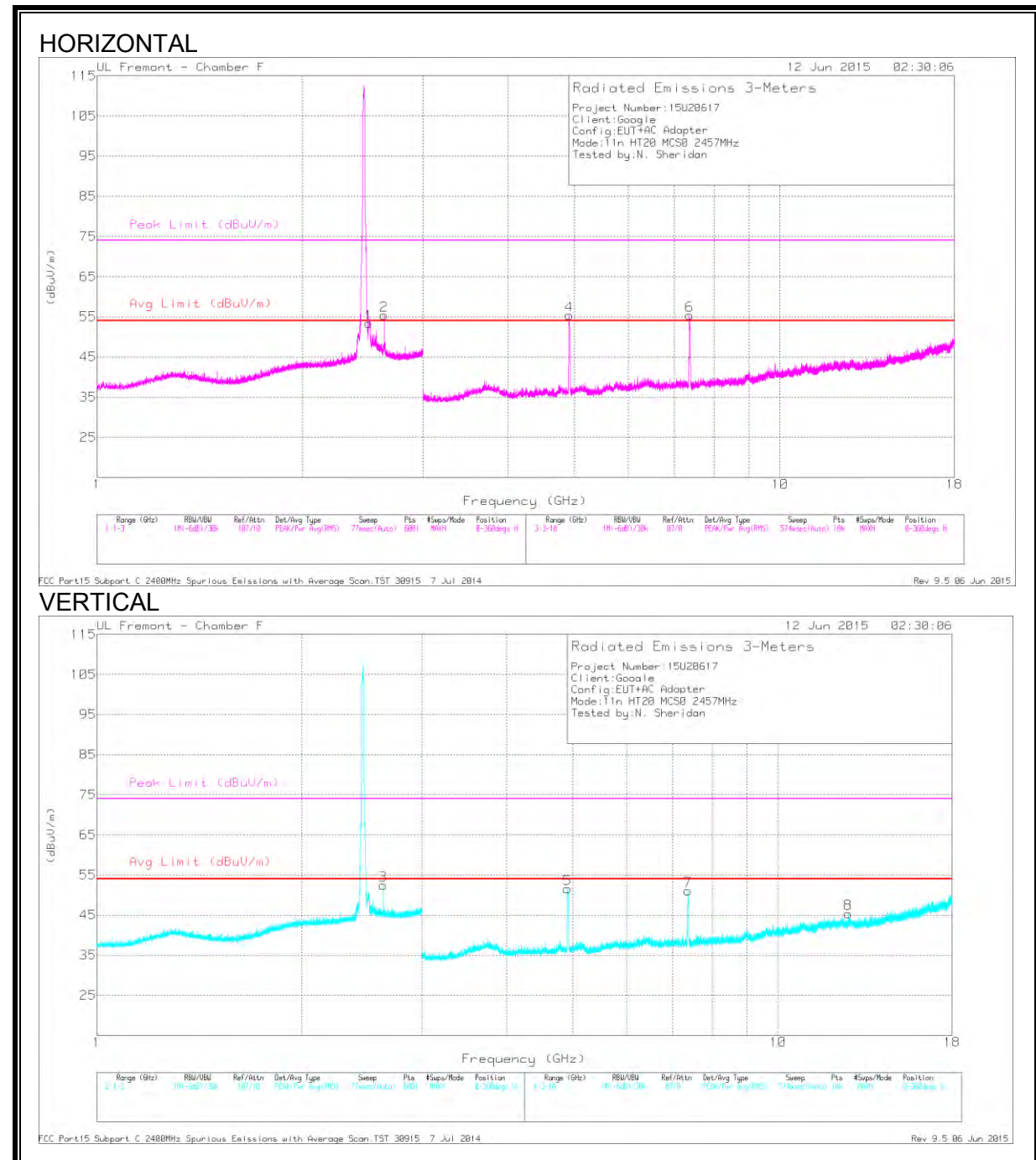
* - indicates frequency in CFR 47, Part 15.

PK - Peak detector

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

CHANNEL 10



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	* 2.498	52.94	PK2	32.3	-20.9	0	64.34	-	-	74	-9.66	163	151	H
	* 2.5	37.38	MAv1	32.3	-20.9	.12	48.9	54	-5.1	-	-	163	151	H
6	* 7.373	57.18	PK2	35.7	-25.9	0	66.98	-	-	74	-7.02	264	238	H
	* 7.373	43.13	MAv1	35.7	-25.9	.12	53.05	54	-.95	-	-	264	238	H
4	* 4.913	57.99	PK2	34.1	-28.5	0	63.59	-	-	74	-10.41	213	233	H
	* 4.913	45.4	MAv1	34.1	-28.5	.12	51.12	54	-2.88	-	-	213	233	H
5	* 4.91	51.21	PK2	34.1	-28.5	0	56.81	-	-	74	-17.19	213	200	V
	* 4.911	38.92	MAv1	34.1	-28.5	.12	44.64	54	-9.36	-	-	213	200	V
7	* 7.371	52.44	PK2	35.7	-26	0	62.14	-	-	74	-11.86	36	106	V
	* 7.372	38.15	MAv1	35.7	-26	.12	47.97	54	-6.03	-	-	36	106	V
8	* 12.662	35.5	PK2	39.3	-22.9	0	51.9	-	-	74	-22.1	36	102	V
	* 12.662	24.3	MAv1	39.3	-22.9	.12	40.82	54	-13.18	-	-	36	102	V
2	2.633	43.32	Pk	32.7	-20.7	0	55.32	-	-	74	-18.68	0-360	100	H
3	2.633	40.49	Pk	32.7	-20.7	0	52.49	-	-	74	-21.51	0-360	200	V

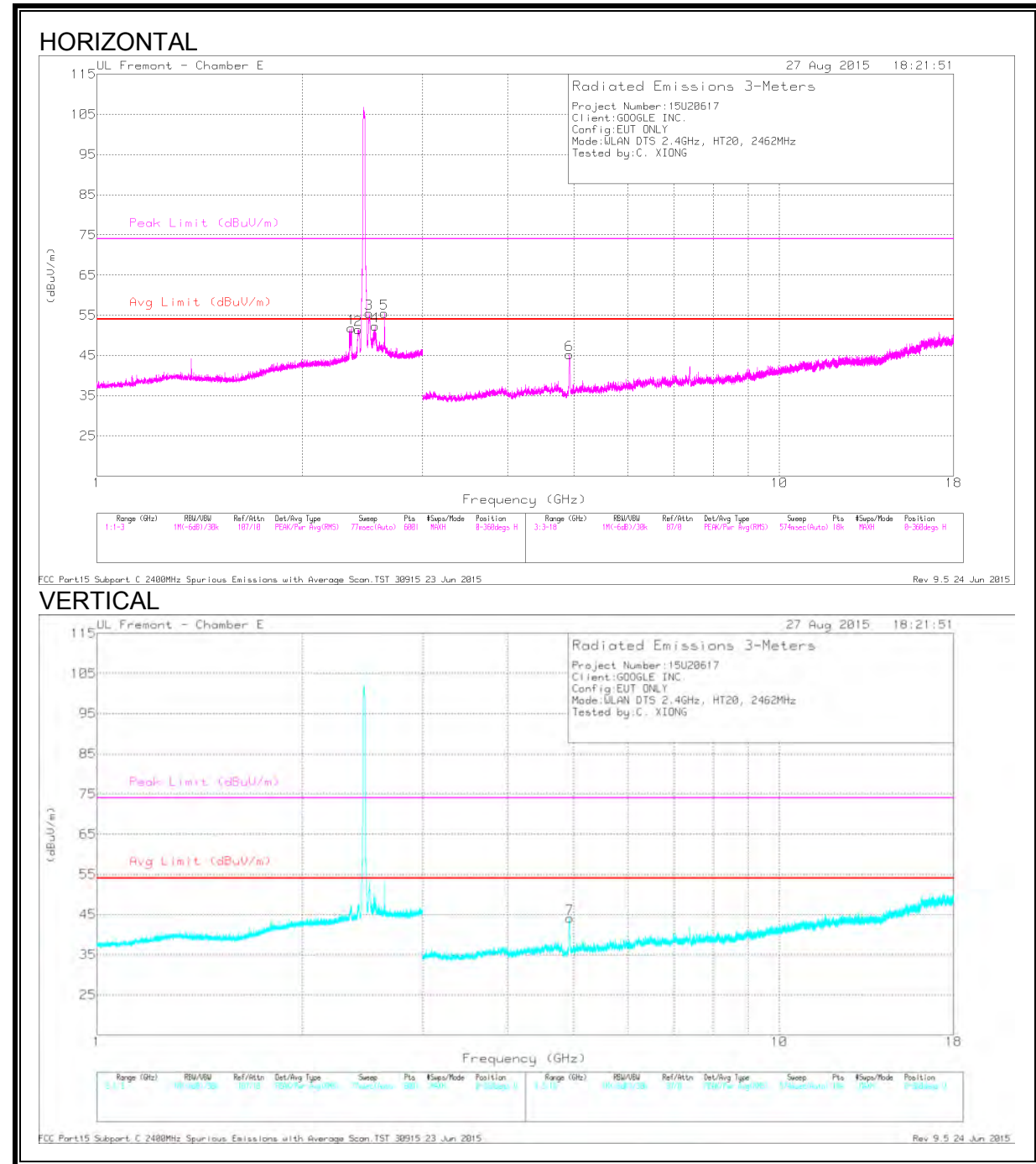
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/FI tr/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	* 2.36	50.11	PK2	32	-23.2	0	58.91	-	-	74	-15.09	97	105	H
	* 2.348	34.85	MAv1	32	-23.2	.12	43.77	54	-10.23	-	-	97	105	H
6	* 4.924	52.2	PK2	34.1	-30.6	0	55.7	-	-	74	-18.3	252	174	H
	* 4.924	38.62	MAv1	34.1	-30.6	.12	42.24	54	-11.76	-	-	252	174	H
7	* 4.927	51.37	PK2	34.1	-30.6	0	54.87	-	-	74	-19.13	25	343	V
	* 4.928	37.8	MAv1	34.1	-30.6	.12	41.42	54	-12.58	-	-	25	343	V
2	2.414	42.59	Pk	32.1	-23.2	0	51.49	-	-	74	-22.51	0-360	100	H
3	2.505	46.22	Pk	32.2	-22.9	0	55.52	-	-	74	-18.48	0-360	200	H
4	2.557	42.97	Pk	32.3	-22.9	0	52.37	-	-	74	-21.63	0-360	100	H
5	2.638	45.64	Pk	32.4	-22.5	0	55.54	-	-	74	-18.46	0-360	100	H

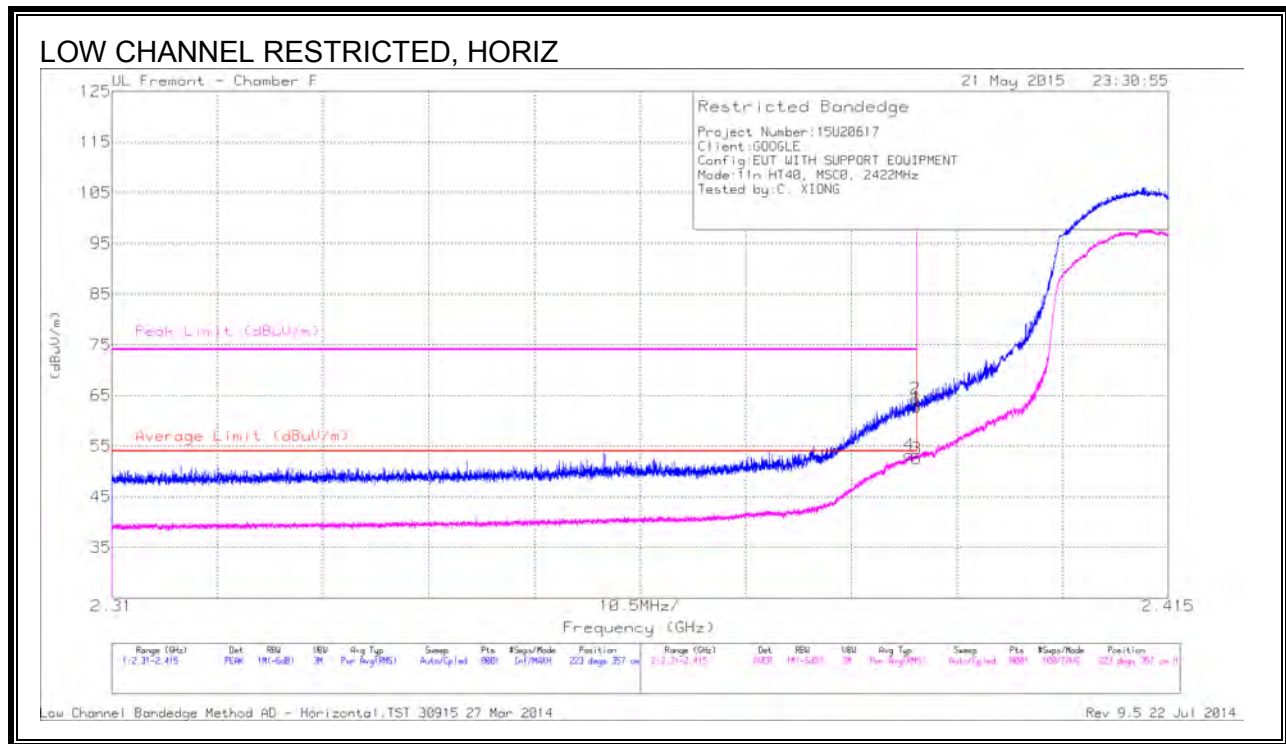
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.4. TX ABOVE 1 GHz 802.11n HT40 2TX MODE IN THE 2.4 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

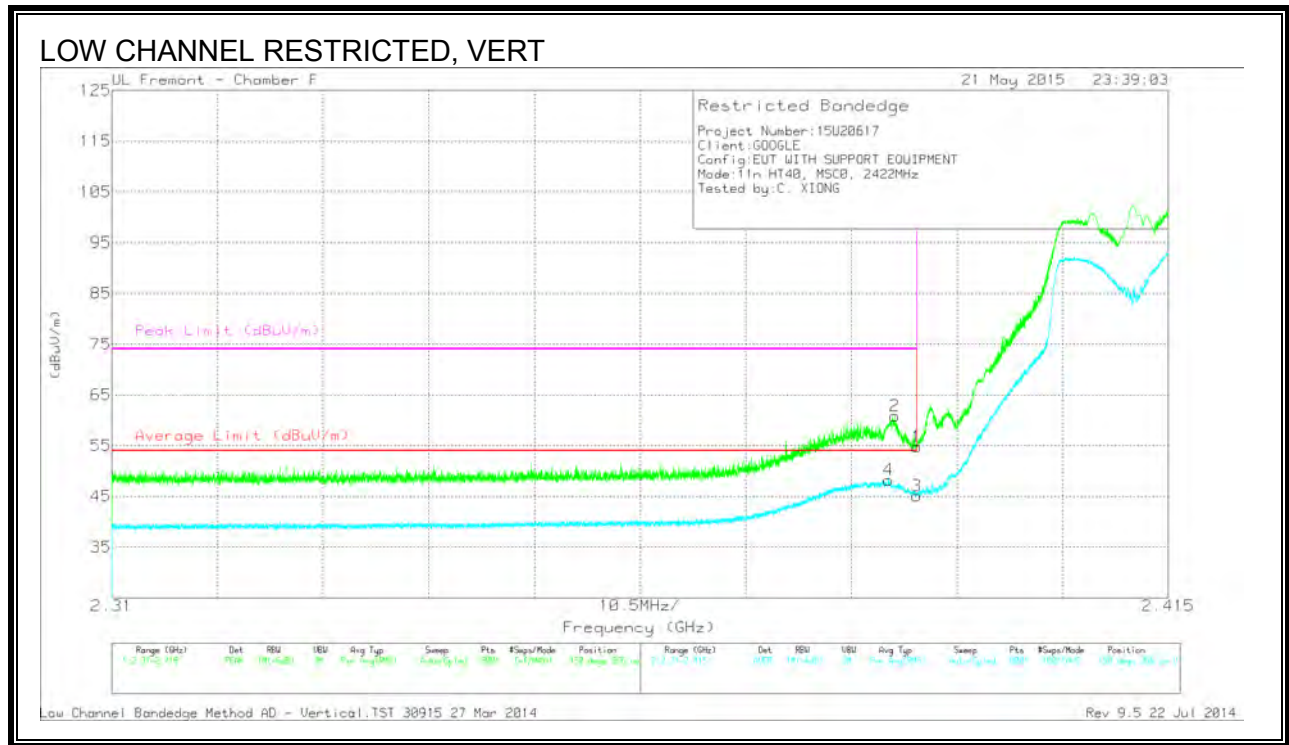


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/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
1	* 2.39	51.69	PK	31.9	-20.9	0	62.69	-	-	74	-11.31	223	357	H
2	* 2.39	53.37	PK	31.9	-20.9	0	64.37	-	-	74	-9.63	223	357	H
3	* 2.39	41.11	RMS	31.9	-20.9	.35	52.46	54	-1.54	-	-	223	357	H
4	* 2.389	41.82	RMS	31.9	-20.9	.35	53.17	54	-.83	-	-	223	357	H

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection



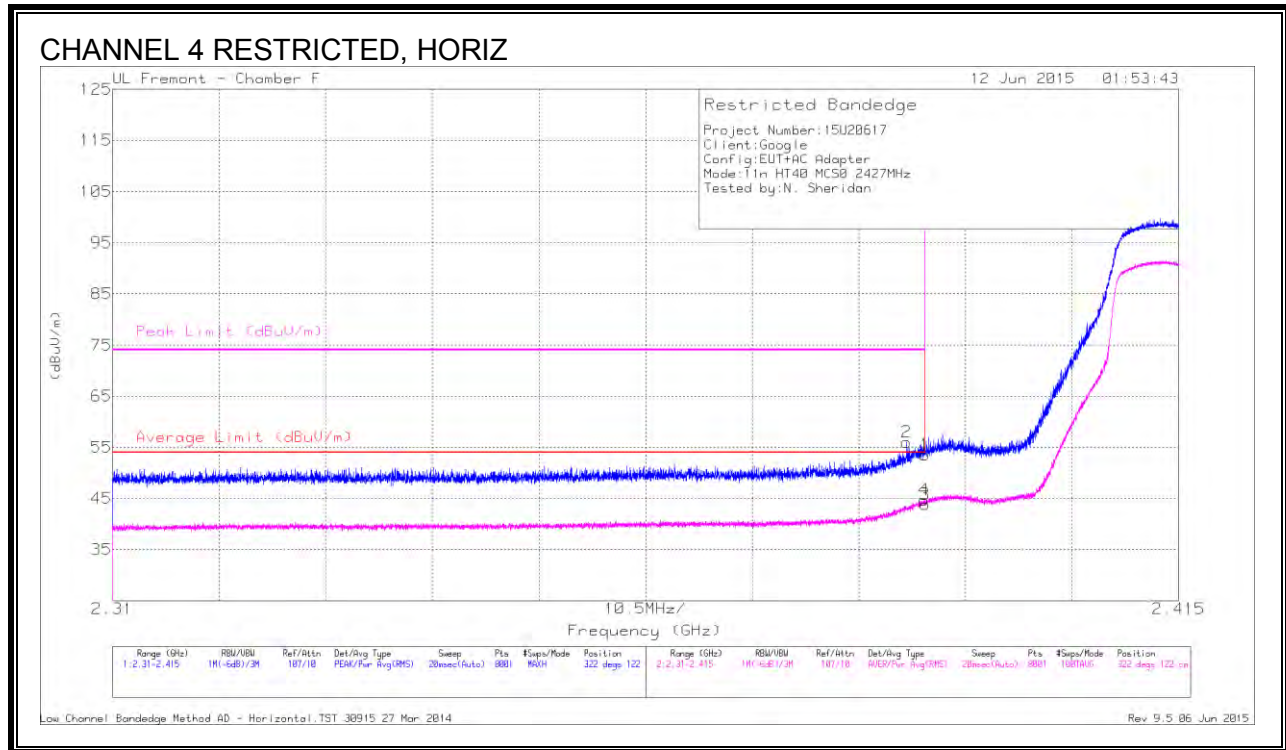
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Plt 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	* 2.39	43.74	PK	31.9	-20.9	0	54.74	-	-	74	-19.26	150	356	V
2	* 2.388	49.85	PK	31.9	-20.9	0	60.85	-	-	74	-13.15	150	356	V
3	* 2.39	34.02	RMS	31.9	-20.9	.35	45.37	54	-8.63	-	-	150	356	V
4	* 2.387	37.24	RMS	31.9	-20.9	.35	48.59	54	-5.41	-	-	150	356	V

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (CHANNEL 4)

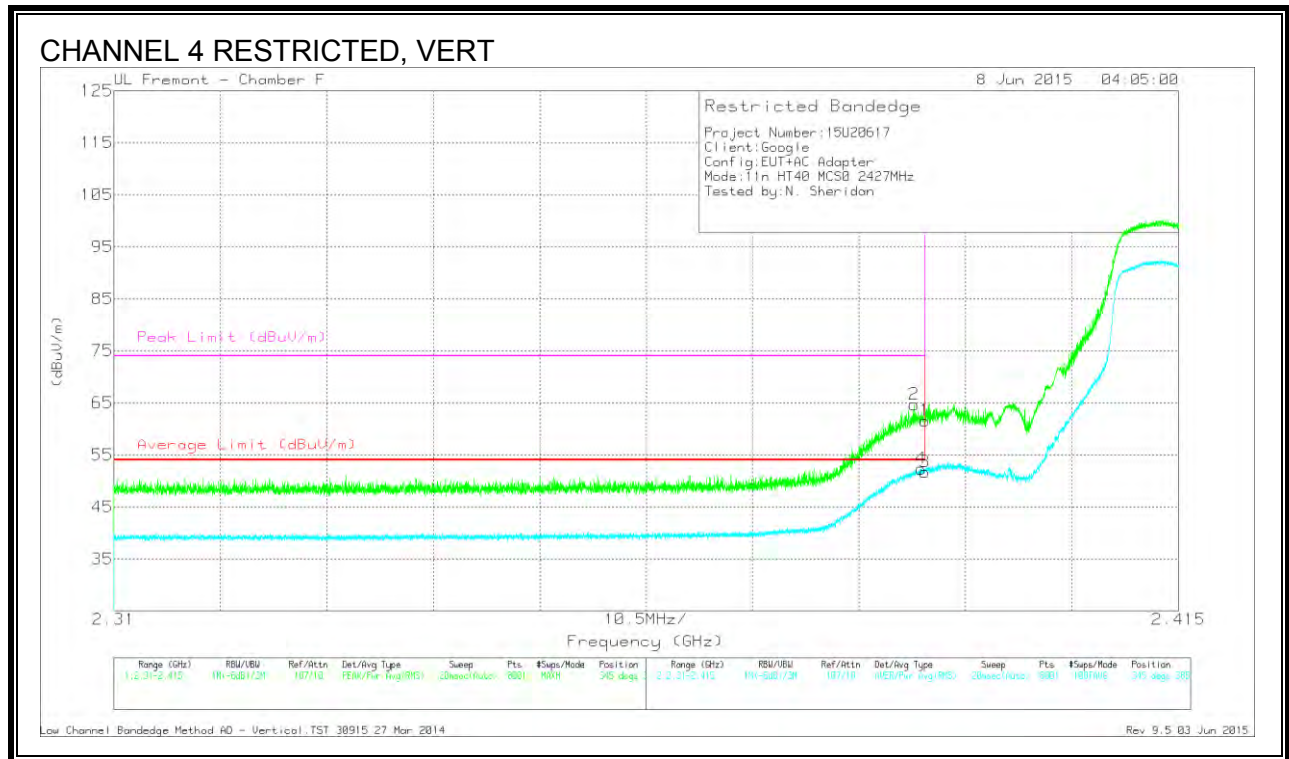


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb/Fl tr/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	42.51	PK	31.9	-20.9	0	53.51	-	-	74	-20.49	322	122	H
2	* 2.388	44.96	PK	31.9	-20.9	0	55.96	-	-	74	-18.04	322	122	H
3	* 2.39	32.37	RMS	31.9	-20.9	.35	43.72	54	-10.28	-	-	322	122	H
4	* 2.39	33.3	RMS	31.9	-20.9	.35	44.65	54	-9.35	-	-	322	122	H

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection



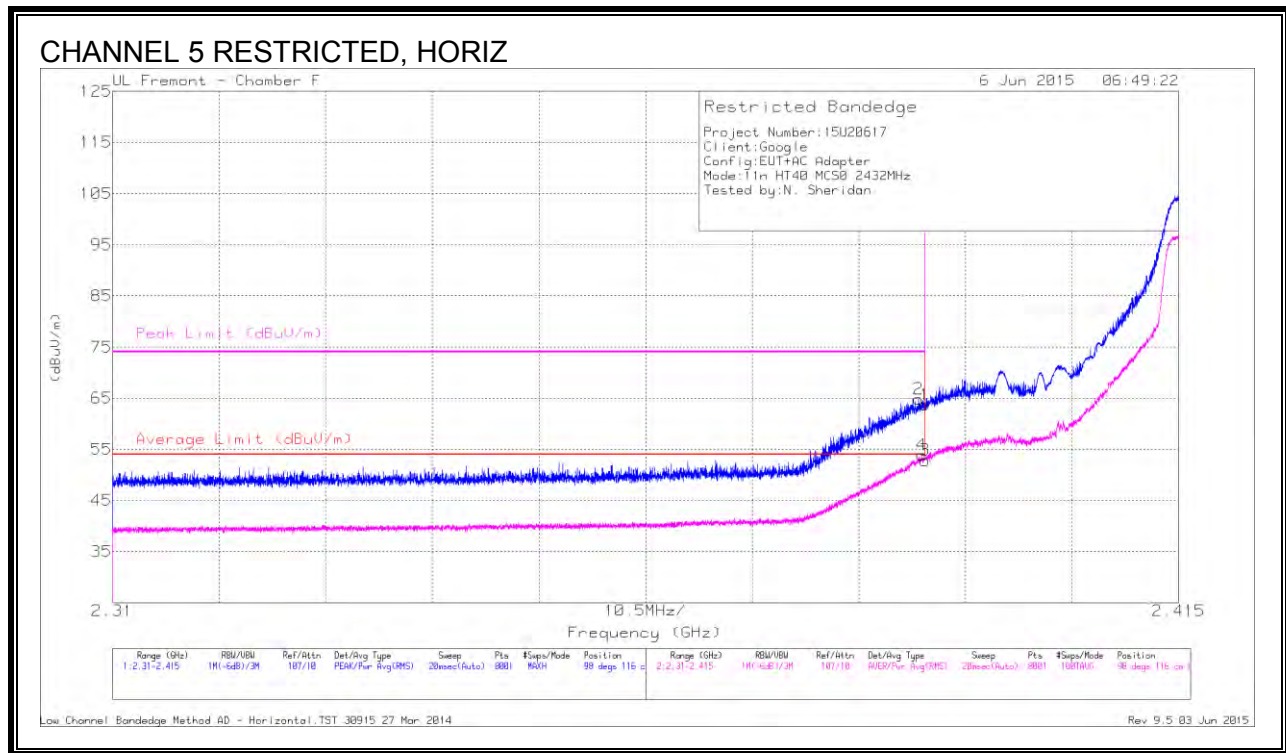
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb/F1 tri/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	50.63	Pk	31.9	-20.9	0	61.63	-	-	74	-12.37	345	385	V
2	* 2.389	53.69	Pk	31.9	-20.9	0	64.69	-	-	74	-9.31	345	385	V
3	* 2.39	40.3	RMS	31.9	-20.9	.35	51.65	54	-2.35	-	-	345	385	V
4	* 2.39	40.91	RMS	31.9	-20.9	.35	52.26	54	-1.74	-	-	345	385	V

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (CHANNEL 5)

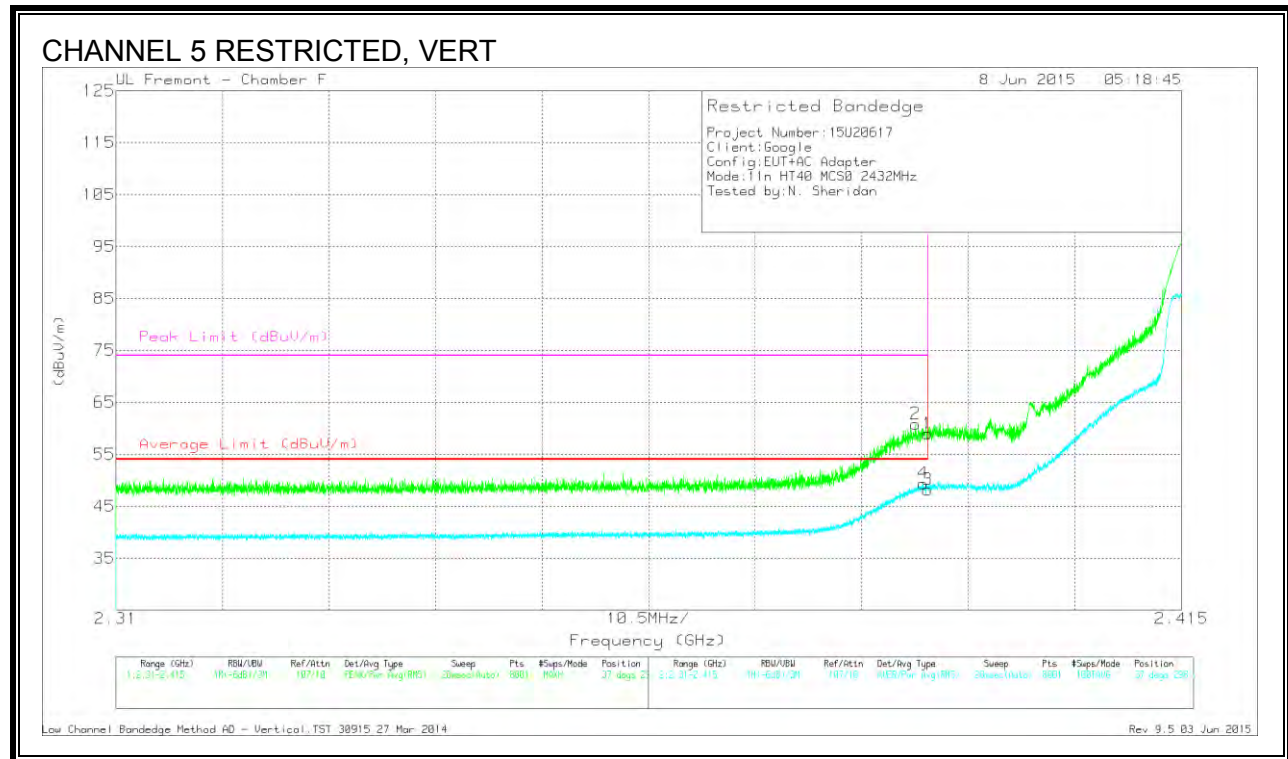


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/FI tr/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	52.68	PK	31.9	-20.9	0	63.68	-	-	74	-10.32	98	116	H
2	* 2.389	53.78	PK	31.9	-20.9	0	64.78	-	-	74	-9.22	98	116	H
3	* 2.39	41.4	RMS	31.9	-20.9	.35	52.75	54	-1.25	-	-	98	116	H
4	* 2.39	42.41	RMS	31.9	-20.9	.35	53.76	54	-.24	-	-	98	116	H

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection



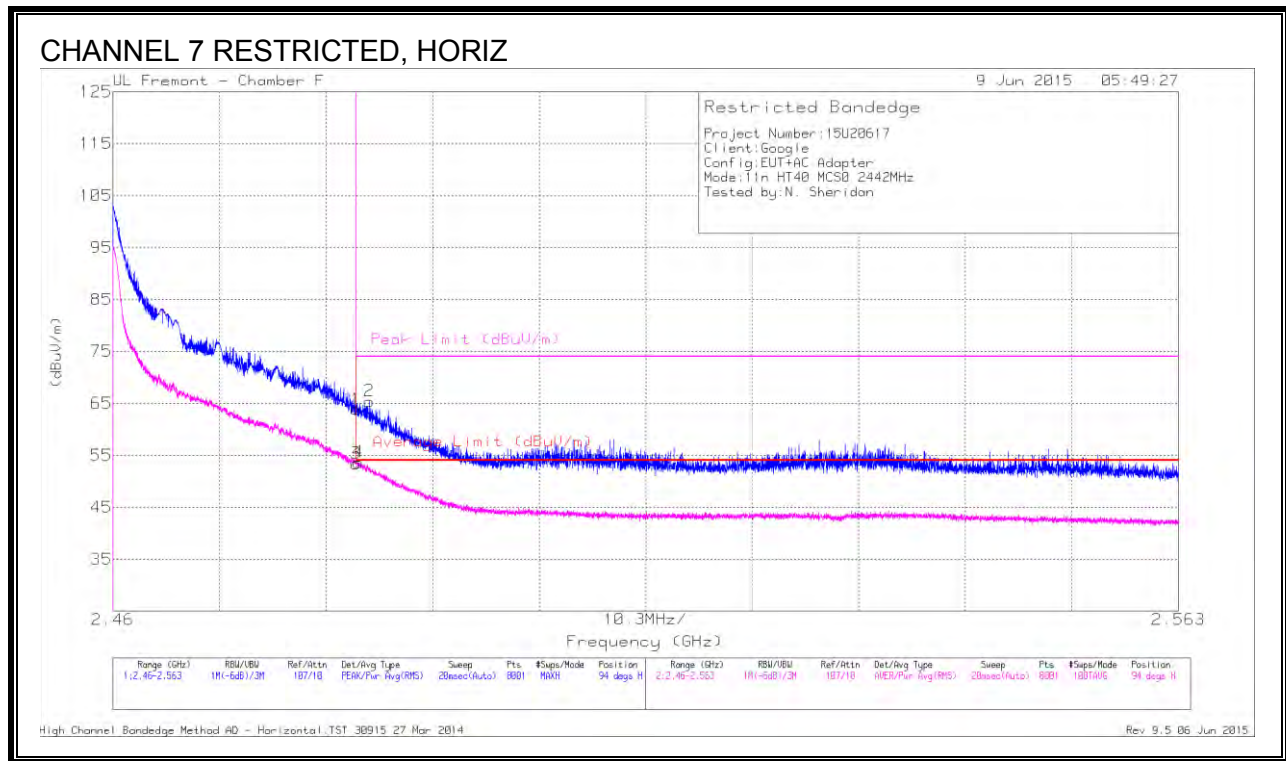
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb/F1 tri/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	48.01	Pk	31.9	-20.9	0	59.01	-	-	74	-14.99	37	298	V
2	* 2.389	49.87	Pk	31.9	-20.9	0	60.87	-	-	74	-13.13	37	298	V
3	* 2.39	36.76	RMS	31.9	-20.9	.35	48.11	54	-5.89	-	-	37	298	V
4	* 2.39	37.97	RMS	31.9	-20.9	.35	49.32	54	-4.68	-	-	37	298	V

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (CHANNEL 7)

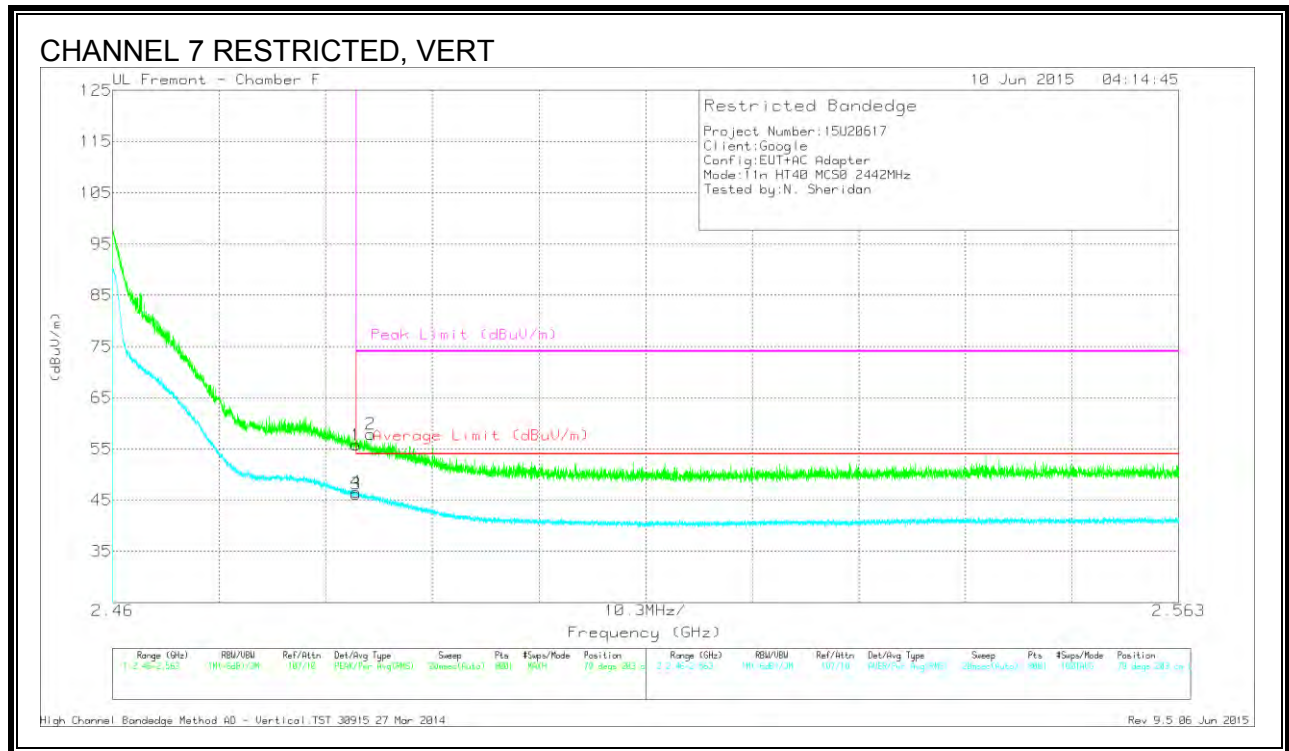


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dBm)	Amp/Cbl/FI tr/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	52.6	Pk	32.2	-20.9	0	63.9	-	-	74	-10.1	94	119	H
2	* 2.485	54.11	Pk	32.2	-20.9	0	65.41	-	-	74	-8.59	94	119	H
3	* 2.484	41.7	RMS	32.2	-20.9	.35	53.35	54	-65	-	-	94	119	H
4	* 2.484	41.94	RMS	32.2	-20.9	.35	53.59	54	-41	-	-	94	119	H

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection



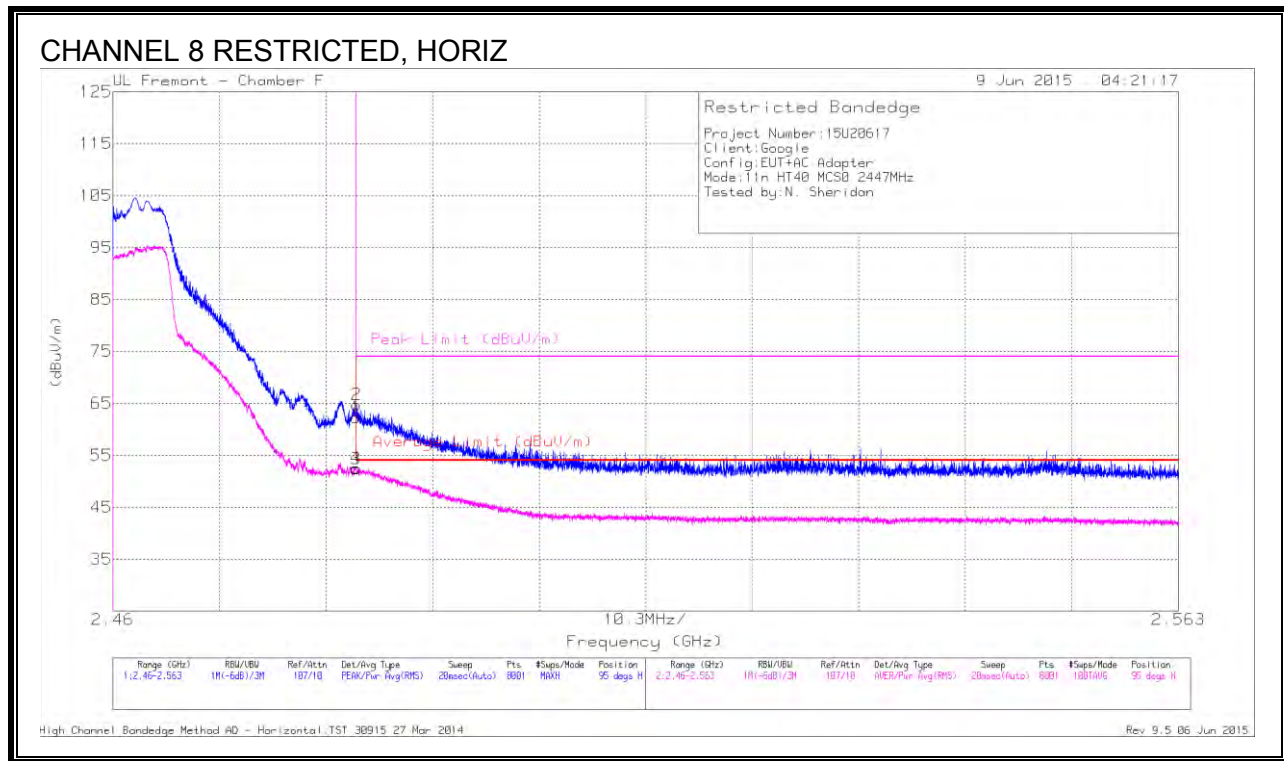
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/FI tr/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	44.49	Pk	32.2	-20.9	0	55.79	-	-	74	-18.21	79	203	V
2	* 2.485	46.6	Pk	32.2	-20.9	0	57.9	-	-	74	-16.1	79	203	V
3	* 2.484	34.49	RMS	32.2	-20.9	.35	46.14	54	-7.86	-	-	79	203	V
4	* 2.484	34.79	RMS	32.2	-20.9	.35	46.44	54	-7.56	-	-	79	203	V

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (CHANNEL 8)

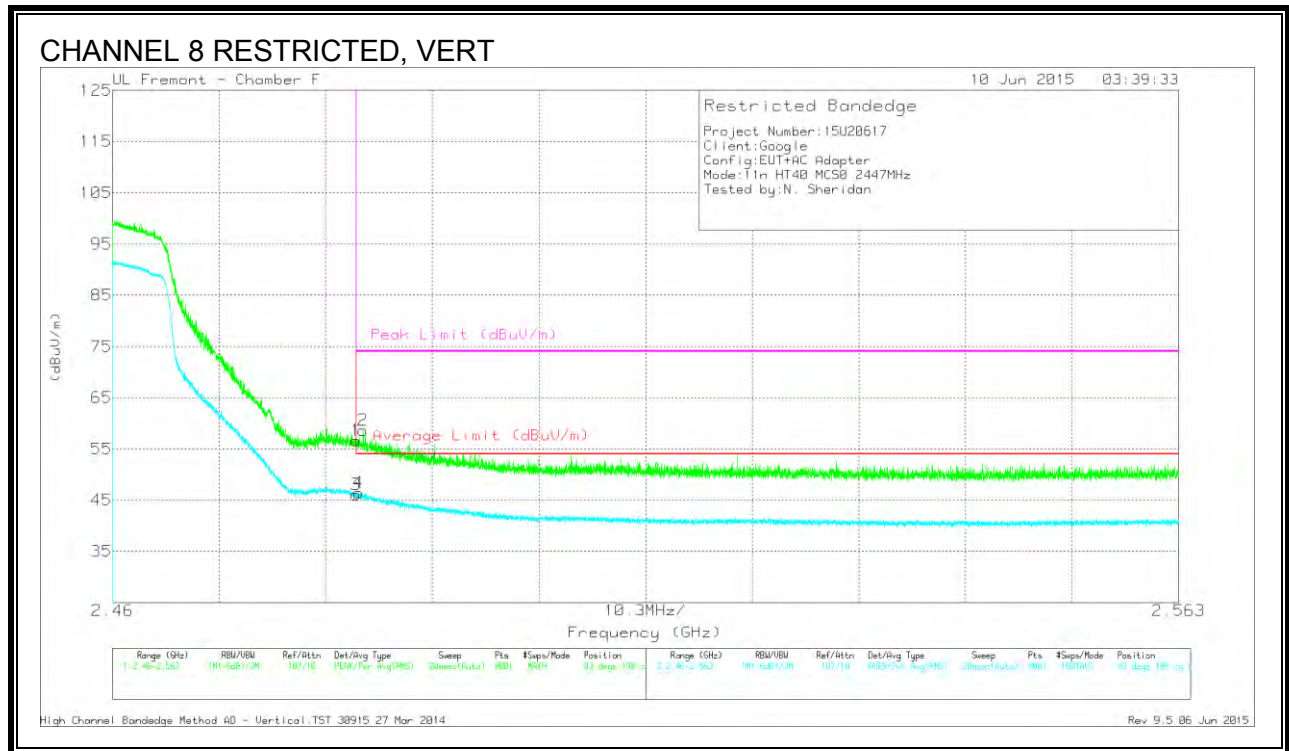


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dBm)	Amp/Cbl/FI tr/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	50.97	Pk	32.2	-20.9	0	62.27	-	-	74	-11.73	95	110	H
2	* 2.484	53.42	Pk	32.2	-20.9	0	64.72	-	-	74	-9.28	95	110	H
3	* 2.484	40.65	RMS	32.2	-20.9	.35	52.30	54	-1.7	-	-	95	110	H
4	* 2.484	40.79	RMS	32.2	-20.9	.35	52.44	54	-1.56	-	-	95	110	H

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection



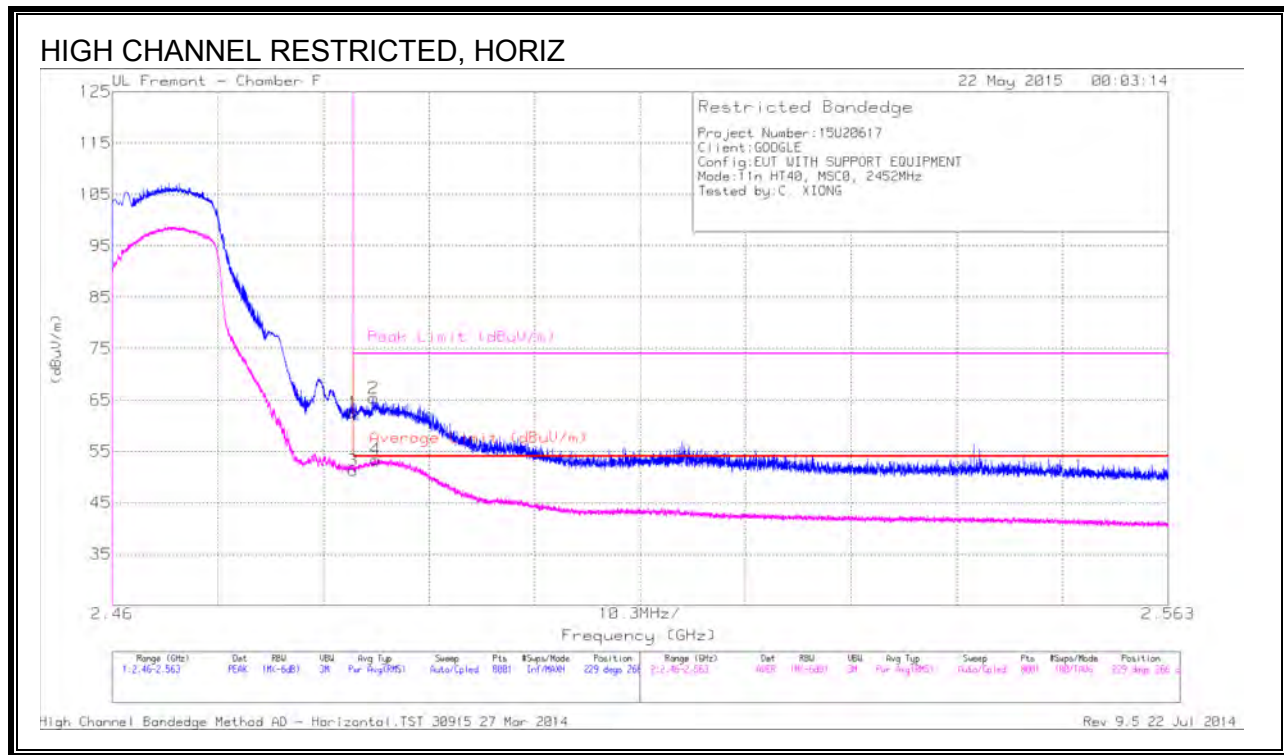
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/FI tr/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	45.3	PK	32.2	-20.9	0	56.6	-	-	74	-17.4	83	198	V
2	* 2.484	47.3	PK	32.2	-20.9	0	58.6	-	-	74	-15.4	83	198	V
3	* 2.484	34.36	RMS	32.2	-20.9	.35	46.01	54	-7.99	-	-	83	198	V
4	* 2.484	34.71	RMS	32.2	-20.9	.35	46.36	54	-7.64	-	-	83	198	V

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (HIGH CHANNEL)

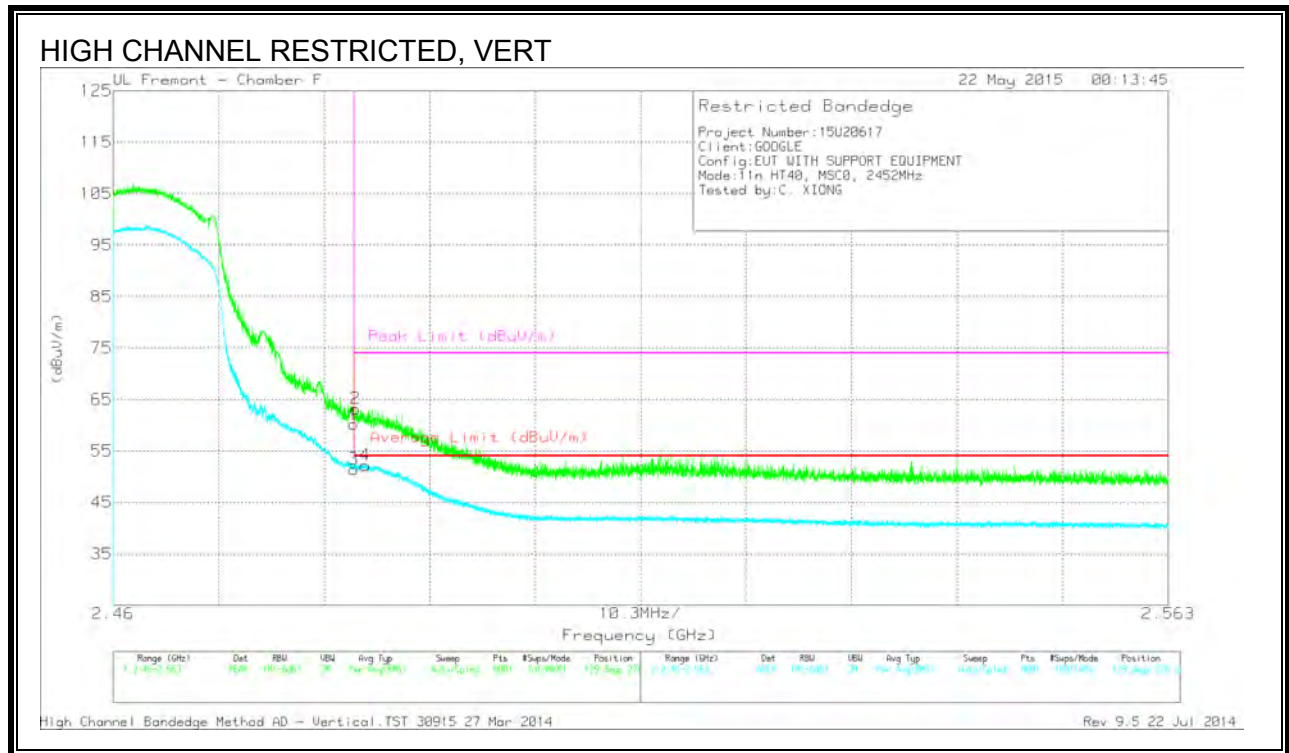


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/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
1	* 2.484	51.22	PK	32.2	-20.9	0	62.52	-	-	74	-11.48	229	266	H
2	* 2.485	54.05	PK	32.2	-20.9	0	65.35	-	-	74	-8.65	229	266	H
3	* 2.484	39.54	RMS	32.2	-20.9	.35	51.19	54	-2.81	-	-	229	266	H
4	* 2.486	41.68	RMS	32.2	-20.9	.35	53.33	54	-.67	-	-	229	266	H

* - indicates frequency in CFR 47, Part 15 Restricted Band".

PK - Peak detector
RMS - RMS detection



Trace Markers

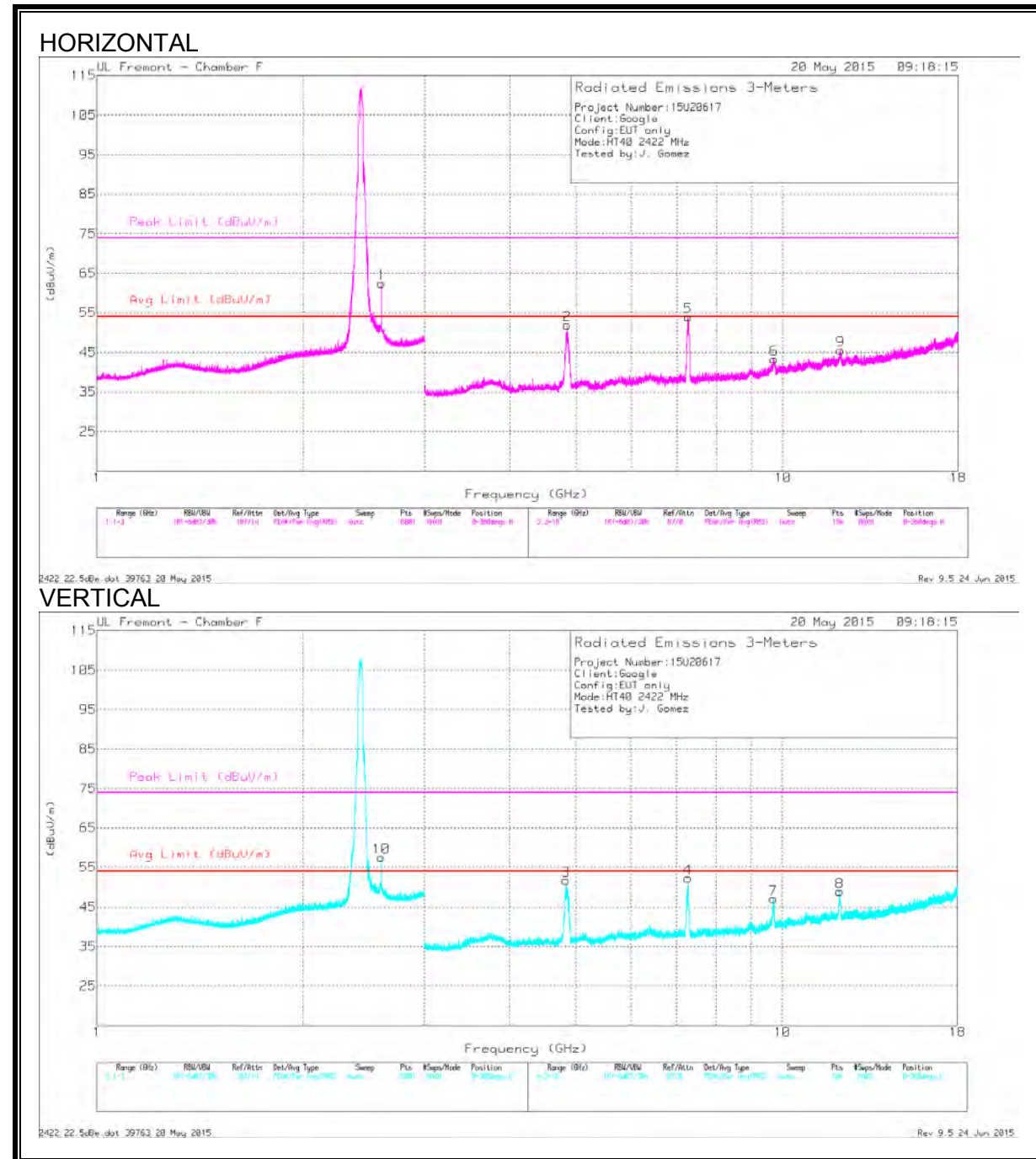
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	48.95	PK	32.2	-20.9	0	60.25	-	-	74	-13.75	129	276	V
2	* 2.484	51.91	PK	32.2	-20.9	0	63.21	-	-	74	-10.79	129	276	V
3	* 2.484	40.14	RMS	32.2	-20.9	.35	51.79	54	-2.21	-	-	129	276	V
4	* 2.485	40.89	RMS	32.2	-20.9	.35	52.54	54	-1.46	-	-	129	276	V

* - indicates frequency in CFR 47, Part 15 Restricted Band[®].

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/FI tr/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	2.598	50.61	Pk	32.6	-20.8	0	62.41	-	-	74	-11.59	0-360	201	H
10	2.598	45.83	Pk	32.6	-20.8	0	57.63	-	-	74	-16.37	0-360	201	V
2	* 4.842	55.41	PK2	34.1	-27.7	0	61.81	-	-	74	-12.19	313	209	H
	* 4.844	44.59	MAv1	34.1	-27.7	.35	51.34	54	-2.66	-	-	313	209	H
5	* 7.261	53.99	PK2	35.7	-26.4	0	63.29	-	-	74	-10.71	343	291	H
	* 7.28	42.54	MAv1	35.7	-26.2	.35	52.39	54	-1.43	-	-	343	291	H
6	9.708	28.88	Pk	37.1	-22.7	0	43.28	-	-	74	-30.72	0-360	101	H
9	* 12.132	34.56	PK2	39.1	-22	0	51.66	-	-	74	-22.34	125	391	H
	* 12.131	23.03	MAv1	39.1	-22	.35	40.48	54	-13.52	-	-	125	391	H
3	* 4.859	55	PK2	34.1	-27.7	0	61.4	-	-	74	-12.6	277	286	V
	* 4.839	43.78	MAv1	34.1	-27.7	.35	50.53	54	-3.47	-	-	277	286	V
4	* 7.276	56.41	PK2	35.7	-26.2	0	65.91	-	-	74	-8.09	69	288	V
	* 7.273	43.74	MAv1	35.7	-26.2	.35	53.59	54	-.41	-	-	69	288	V
7	9.7	32.66	Pk	37	-22.6	0	47.06	-	-	74	-26.94	0-360	201	V
8	* 12.115	35.03	PK2	39.1	-22.1	0	52.03	-	-	74	-21.97	273	132	V
	* 12.114	23.09	MAv1	39.1	-22.1	.35	40.44	54	-13.38	-	-	273	132	V

* - indicates frequency in CFR 47, Part 15.

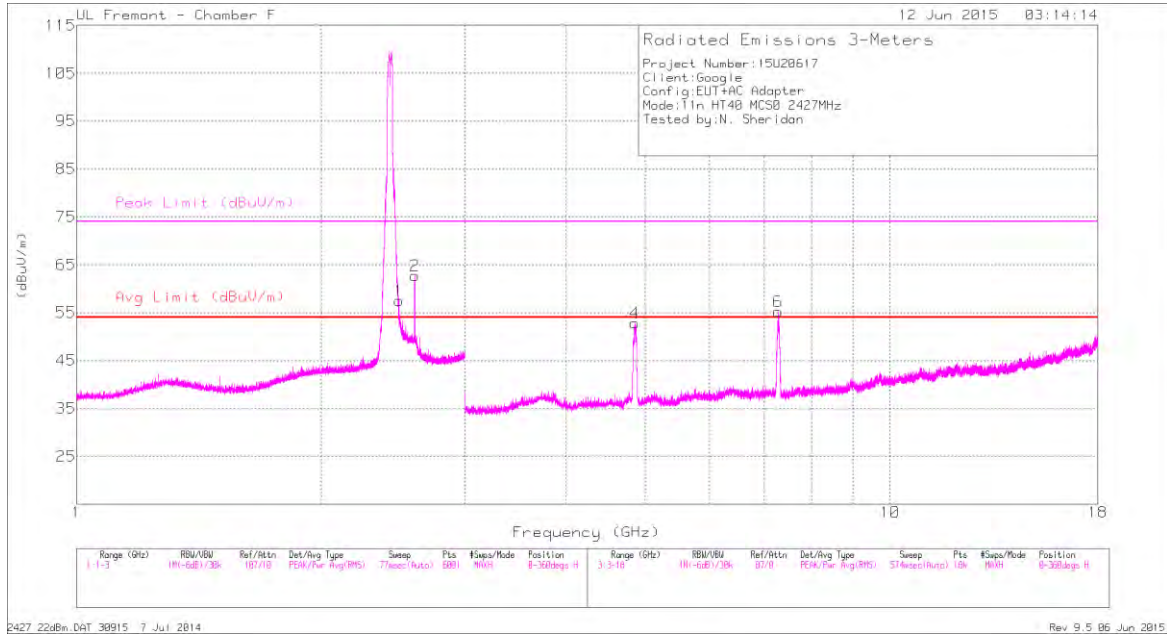
PK - Peak detector

PK2 - KDB558074 Method: Maximum Peak

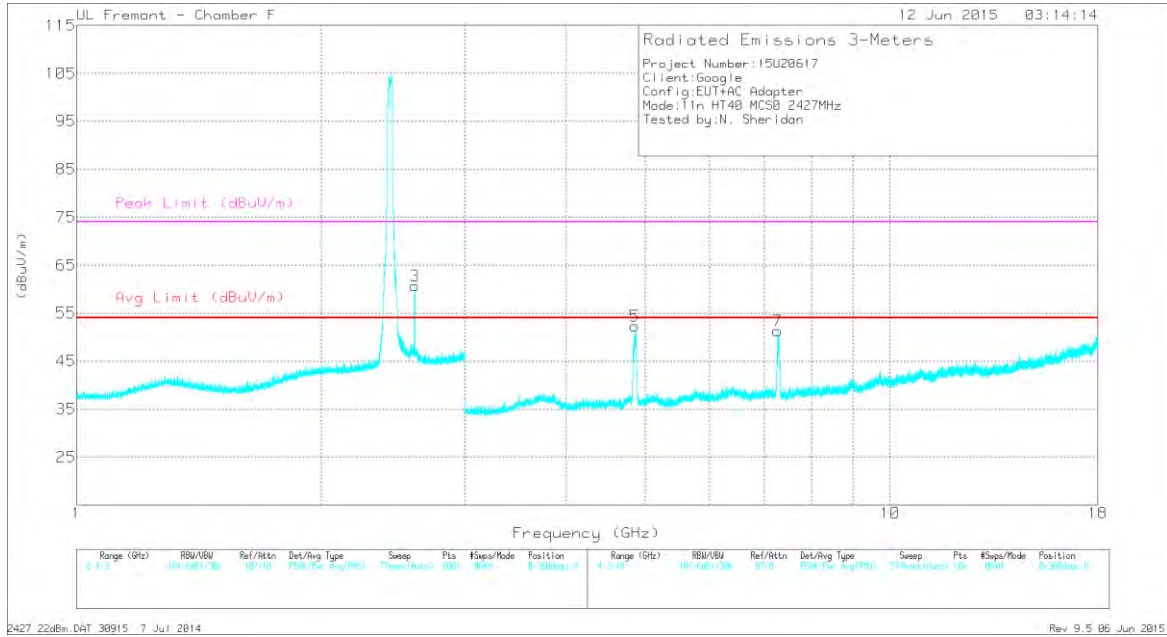
MAv1 - KDB558074 Option 1 Maximum RMS Average

CHANNEL 4

HORIZONTAL



VERTICAL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	* 2.49	56.03	PK2	32.2	-20.9	0	67.33	-	-	74	-6.67	98	124	H
	* 2.49	41.37	MAv1	32.2	-20.9	.35	53.02	54	-.98	-	-	98	124	H
2	2.603	47.32	PK2	32.6	-20.8	0	59.12	-	-	74	-14.88	343	101	H
	2.603	40.35	MAv1	32.6	-20.8	.35	52.5	54	-1.50	-	-	343	101	H
3	2.603	44.93	PK2	32.6	-20.8	0	56.73	-	-	74	-17.27	343	202	V
	2.603	36.66	MAv1	32.6	-20.8	.35	48.81	54	-5.19	-	-	343	202	V
6	* 7.288	57.34	PK2	35.7	-26.2	0	66.84	-	-	74	-7.16	255	218	H
	* 7.288	43.59	MAv1	35.7	-26.2	.35	53.44	54	-.56	-	-	255	218	H
4	* 4.854	54.35	PK2	34.1	-27.7	0	60.75	-	-	74	-13.25	217	217	H
	* 4.854	42.84	MAv1	34.1	-27.7	.35	49.59	54	-4.41	-	-	217	217	H
5	* 4.856	49.13	PK2	34.1	-27.7	0	55.53	-	-	74	-18.47	217	200	V
	* 4.856	37.73	MAv1	34.1	-27.7	.35	44.48	54	-9.52	-	-	217	200	V
7	* 7.273	48.84	PK2	35.7	-26.2	0	58.34	-	-	74	-15.66	343	259	V
	* 7.273	36.39	MAv1	35.7	-26.2	.35	46.24	54	-7.76	-	-	343	259	V

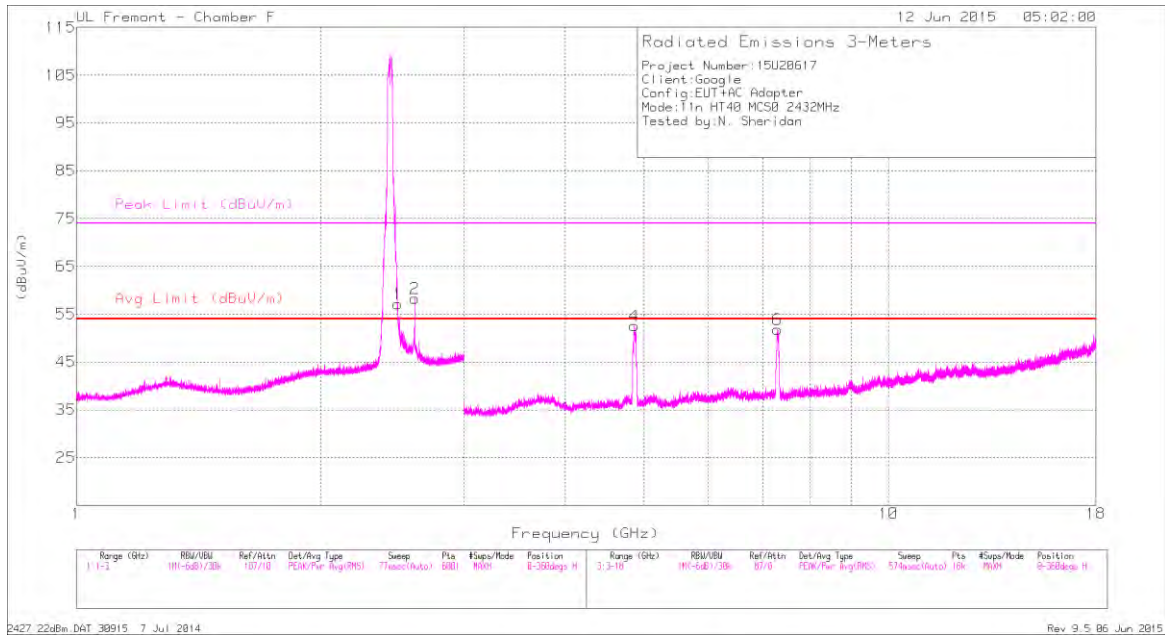
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

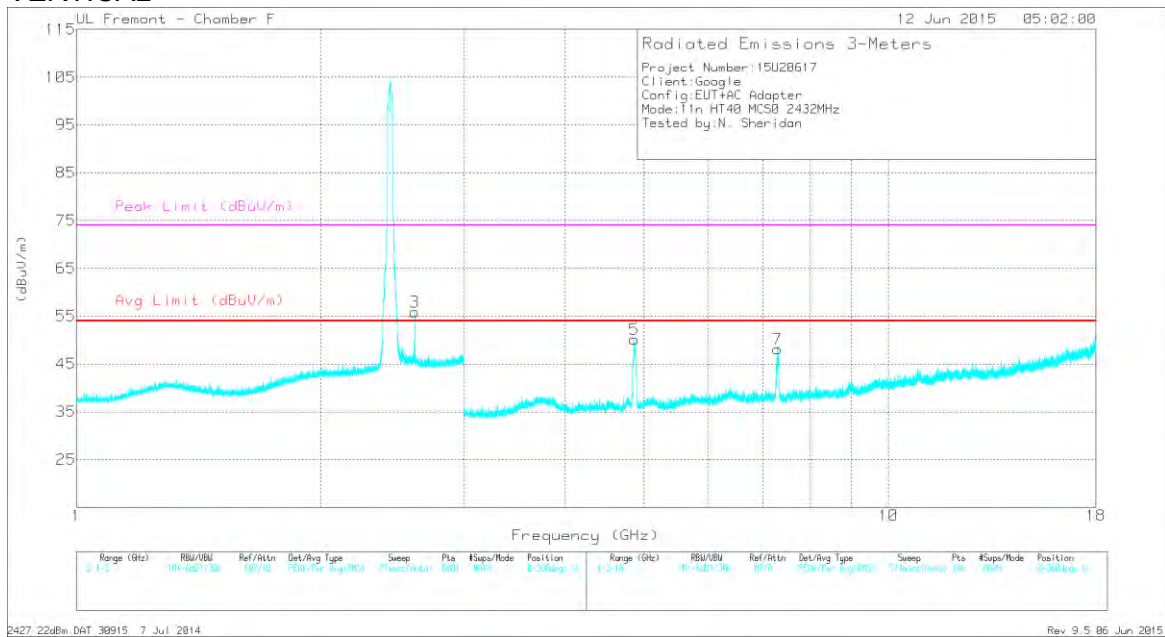
MAv1 - KDB558074 Option 1 Maximum RMS Average

CHANNEL 5

HORIZONTAL



VERTICAL



Trace Markers

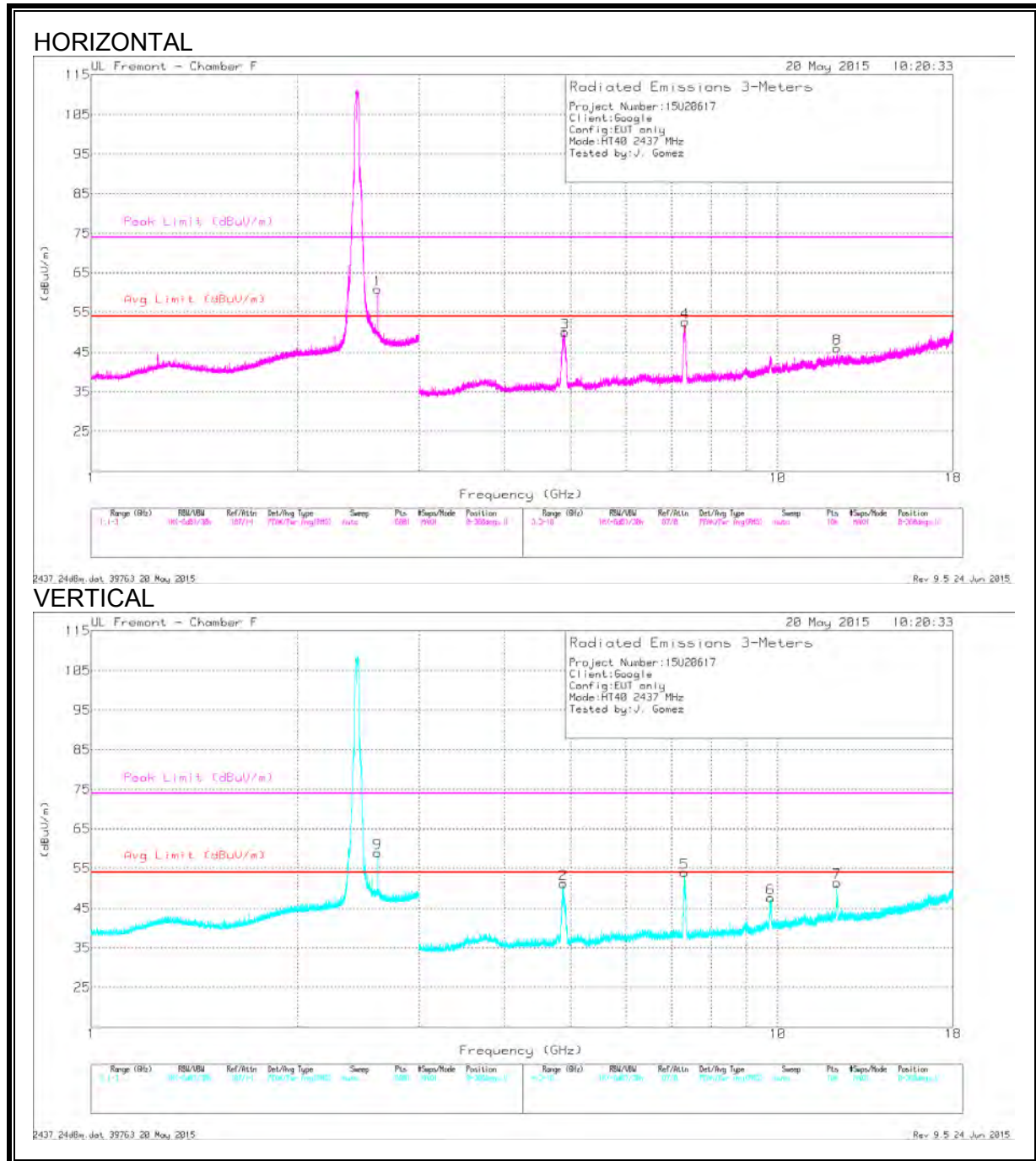
Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.487	55.75	PK2	32.2	-20.9	0	67.05	-	-	74	-6.95	98	118	H
	* 2.485	41.61	MAv1	32.2	-20.9	.35	53.26	54	-.74	-	-	98	118	H
2	2.606	46.79	PK2	32.6	-20.8	0	58.59	-	-	74	-15.41	214	100	H
	2.606	34.79	MAv1	32.6	-20.8	.35	46.94	54	-7.06	-	-	214	100	H
3	2.608	43.39	PK2	32.6	-20.8	0	55.19	-	-	74	-18.81	214	201	V
	2.608	33.29	MAv1	32.6	-20.8	.35	45.44	54	-8.56	-	-	214	201	V
6	* 7.301	53.27	PK2	35.7	-26.3	0	62.67	-	-	74	-11.33	274	223	H
	* 7.302	40.09	MAv1	35.7	-26.3	.35	49.84	54	-4.16	-	-	274	223	H
4	* 4.863	55.29	PK2	34.1	-27.7	0	61.69	-	-	74	-12.31	214	291	H
	* 4.861	42.65	MAv1	34.1	-27.7	.35	49.40	54	-4.60	-	-	214	291	H
5	* 4.864	47.78	PK2	34.1	-27.7	0	54.18	-	-	74	-19.82	214	201	V
	* 4.862	36.49	MAv1	34.1	-27.7	.35	43.24	54	-10.76	-	-	214	201	V
7	* 7.303	50.46	PK2	35.7	-26.3	0	59.86	-	-	74	-14.14	326	354	V
	* 7.302	37.43	MAv1	35.7	-26.3	.35	47.18	54	-6.82	-	-	326	354	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/FI tr/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	2.613	48.62	Pk	32.6	-20.8	0	60.42	-	-	74	-13.58	0-360	201	H
9	2.613	47.21	Pk	32.6	-20.8	0	59.01	-	-	74	-14.99	0-360	201	V
3	* 4.874	54.15	PK2	34.1	-27.8	0	60.45	-	-	74	-13.55	313	279	H
	* 4.876	42.81	MAv1	34.1	-27.8	.35	49.46	54	-4.54	-	-	313	279	H
4	* 7.317	55.04	PK2	35.7	-26.3	0	64.44	-	-	74	-9.56	0	165	H
	* 7.318	43.41	MAv1	35.7	-26.3	.35	53.16	54	-.84	-	-	0	165	H
8	* 12.214	37.15	PK2	39	-22.7	0	53.45	-	-	74	-20.55	35	242	H
	* 12.2	25.21	MAv1	39	-22.6	.35	41.96	54	-12.04	-	-	35	242	H
2	* 4.849	53.48	PK2	34.1	-27.7	0	59.88	-	-	74	-14.12	271	255	V
	* 4.87	42.74	MAv1	34.1	-27.7	.35	49.49	54	-4.51	-	-	271	255	V
5	* 7.316	55.4	PK2	35.7	-26.3	0	64.8	-	-	74	-9.2	57	310	V
	* 7.317	44	MAv1	35.7	-26.3	.35	53.75	54	-.25	-	-	57	310	V
6	9.761	32.77	Pk	37.1	-22.7	0	47.17	-	-	74	-26.83	0-360	201	V
7	* 12.202	38.22	PK2	39	-22.7	0	54.52	-	-	74	-19.48	259	257	V
	* 12.203	26.02	MAv1	39	-22.7	.35	42.67	54	-11.33	-	-	259	257	V

* - indicates frequency in CFR 47, Part 15.

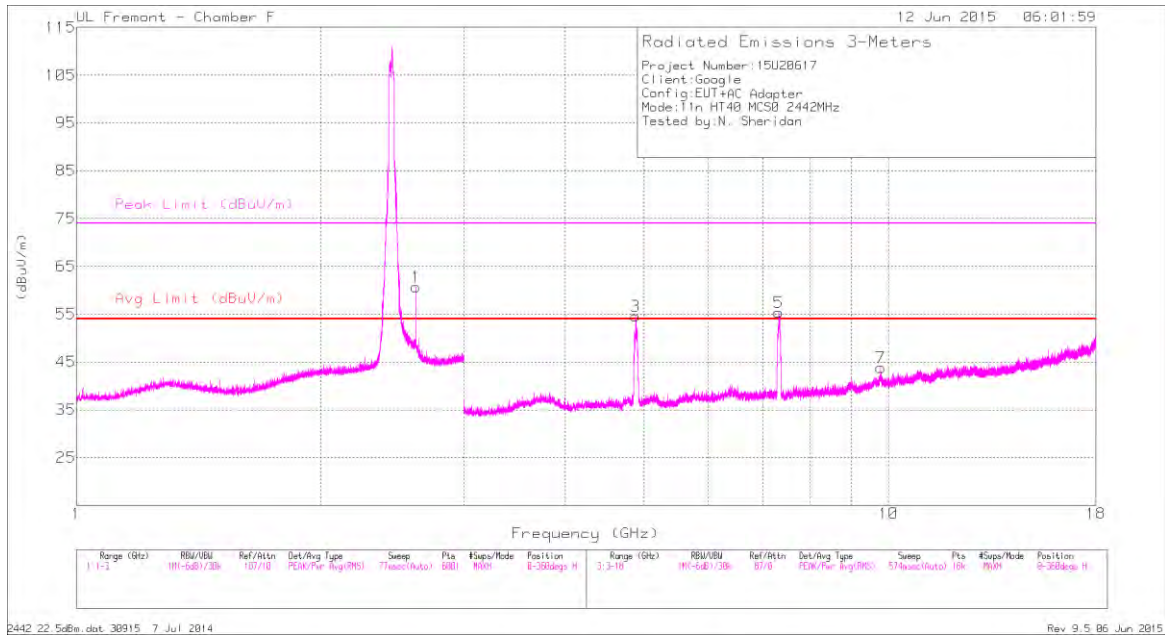
PK - Peak detector

PK2 - KDB558074 Method: Maximum Peak

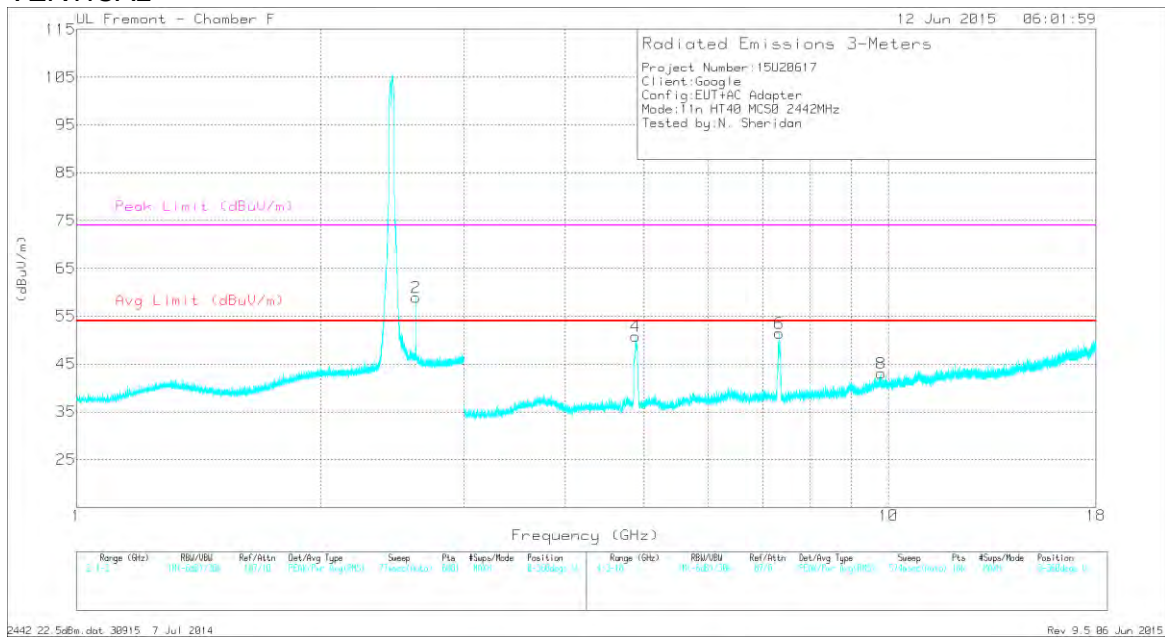
MAv1 - KDB558074 Option 1 Maximum RMS Average

CHANNEL 7

HORIZONTAL



VERTICAL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	2.619	46.82	PK2	32.7	-20.8	0	58.72	-	-	74	-15.28	211	101	H
	2.616	34.28	MAv1	32.7	-20.8	.35	46.53	54	-7.47	-	-	211	101	H
2	2.618	43.07	PK2	32.7	-20.8	0	54.97	-	-	74	-19.03	211	201	V
	2.618	33.69	MAv1	32.7	-20.8	.35	45.94	54	-8.06	-	-	211	201	V
5	* 7.325	53.75	PK2	35.7	-26.3	0	63.15	-	-	74	-10.85	240	107	H
	* 7.325	40.68	MAv1	35.7	-26.3	.35	50.43	54	-3.57	-	-	240	107	H
3	* 4.883	55.24	PK2	34.1	-27.9	0	61.44	-	-	74	-12.56	211	288	H
	* 4.881	43.76	MAv1	34.1	-27.9	.35	50.31	54	-3.69	-	-	211	288	H
7	9.782	34.7	PK2	37.2	-22.7	0	49.2	-	-	74	-24.8	211	201	H
	9.784	23.6	MAv1	37.2	-22.7	.35	38.45	54	-15.54	-	-	211	201	H
4	* 4.879	47.05	PK2	34.1	-27.9	0	53.25	-	-	74	-20.75	211	201	V
	* 4.879	36.21	MAv1	34.1	-27.9	.35	42.76	54	-11.24	-	-	211	201	V
6	* 7.336	48.01	PK2	35.7	-26.2	0	57.51	-	-	74	-16.49	341	288	V
	* 7.336	36.4	MAv1	35.7	-26.2	.35	46.25	54	-7.75	-	-	341	288	V
8	9.783	35.36	PK2	37.2	-22.7	0	49.86	-	-	74	-24.14	341	200	V
	9.784	23.95	MAv1	37.2	-22.7	.35	38.80	54	-15.20	-	-	341	200	V

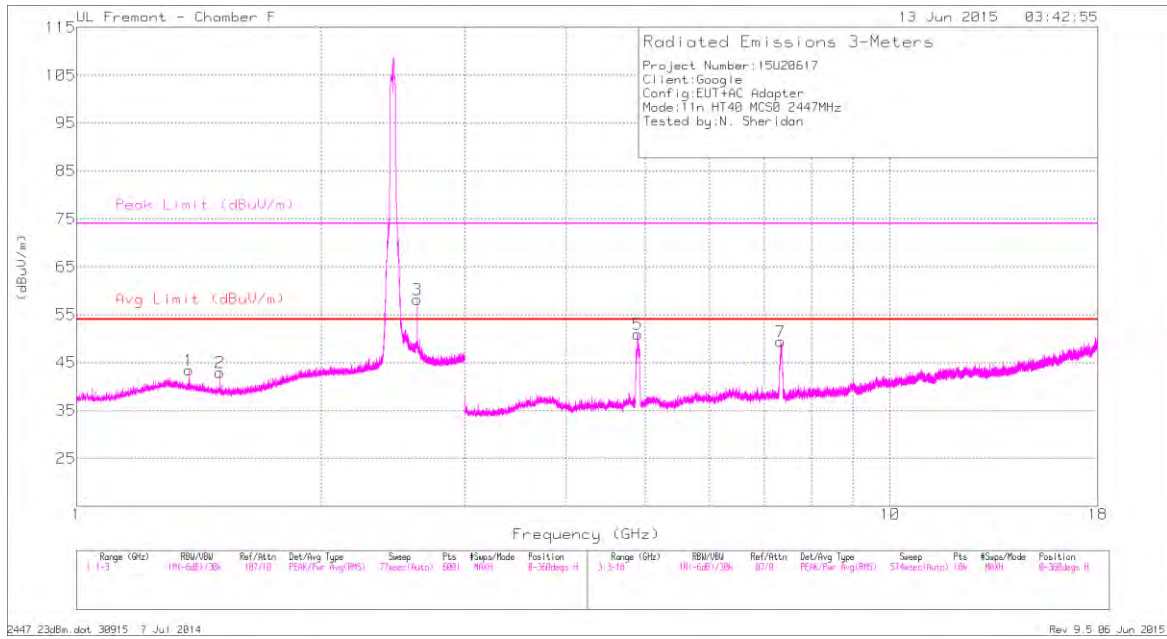
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

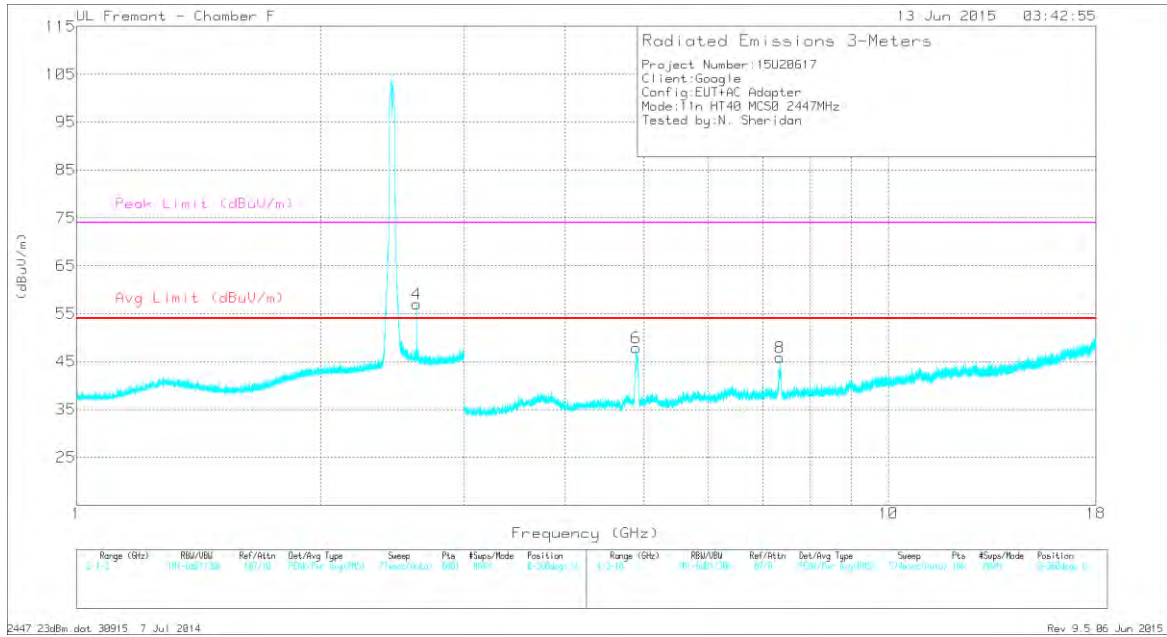
MAv1 - KDB558074 Option 1 Maximum RMS Average

CHANNEL 8

HORIZONTAL



VERTICAL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Ampl/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	* 1.375	42.92	PK2	29.3	-22.1	0	50.12	-	-	74	-23.88	263	101	H
	* 1.375	30.37	MAv1	29.3	-22.1	.35	37.92	54	-16.08	-	-	263	101	H
2	* 1.5	42.15	PK2	28.2	-21.9	0	48.45	-	-	74	-25.55	263	202	H
	* 1.5	30.94	MAv1	28.2	-21.9	.35	37.59	54	-16.41	-	-	263	202	H
3	2.623	46.31	PK2	32.7	-20.7	0	58.31	-	-	74	-15.69	263	101	H
	2.623	39.53	MAv1	32.7	-20.7	.35	51.88	54	-2.12	-	-	263	101	H
4	2.623	45.48	PK2	32.7	-20.7	0	57.48	-	-	74	-16.52	263	201	V
	2.623	37.79	MAv1	32.7	-20.7	.35	50.14	54	-3.86	-	-	263	201	V
5	* 4.894	55.55	PK2	34.1	-28.1	0	61.55	-	-	74	-12.45	217	122	H
	* 4.894	44	MAv1	34.1	-28.1	.35	50.35	54	-3.65	-	-	217	122	H
7	* 7.336	56.19	PK2	35.7	-26.2	0	65.69	-	-	74	-8.31	263	109	H
	* 7.334	43.55	MAv1	35.7	-26.3	.35	53.30	54	-7.70	-	-	263	109	H
6	* 4.886	46.35	PK2	34.1	-28	0	52.45	-	-	74	-21.55	263	201	V
	* 4.887	35	MAv1	34.1	-28	.35	41.45	54	-12.55	-	-	263	201	V
8	* 7.347	53.29	PK2	35.7	-26.1	0	62.89	-	-	74	-11.11	48	387	V
	* 7.344	40.63	MAv1	35.7	-26.1	.35	50.58	54	-3.42	-	-	48	387	V

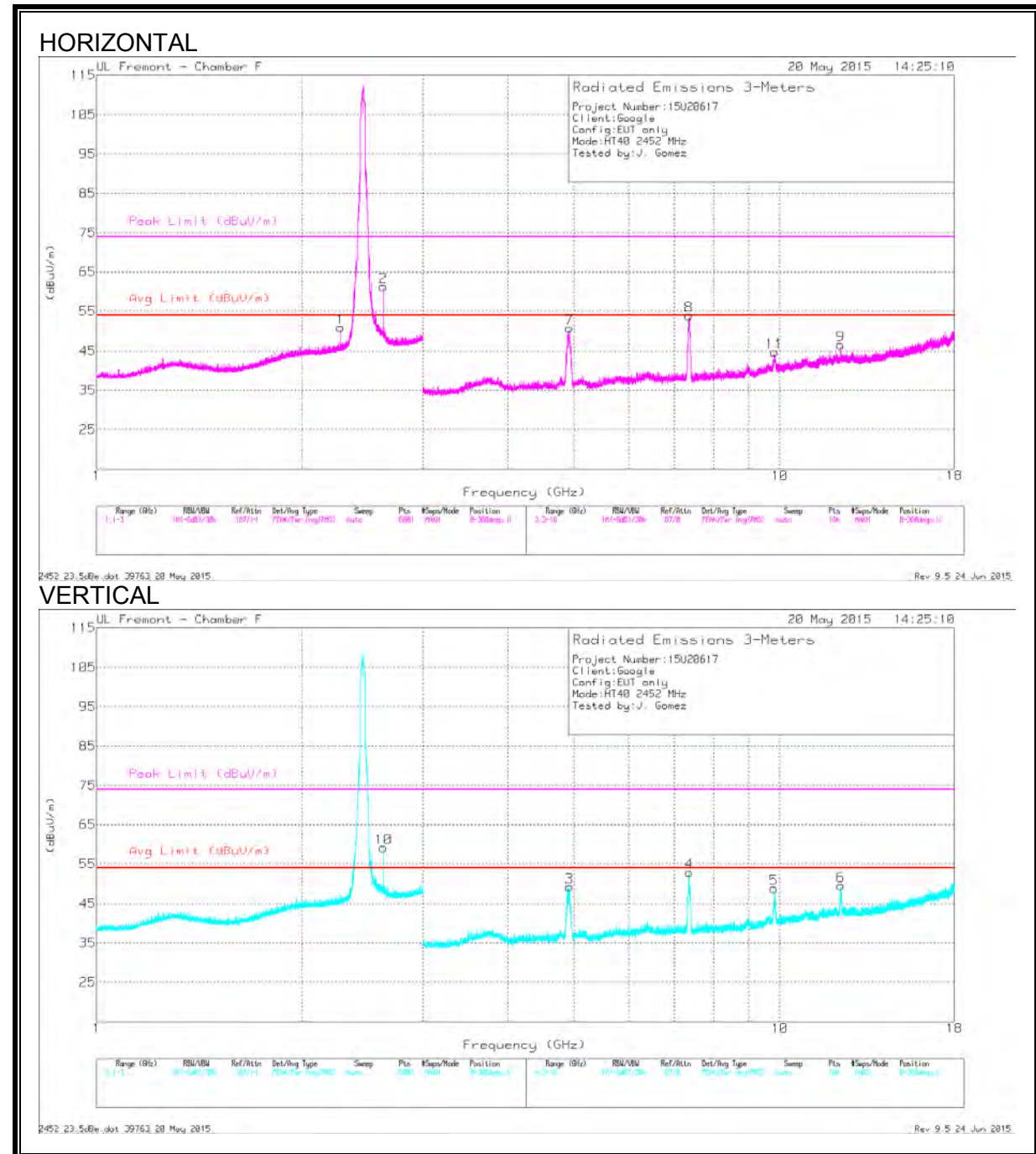
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/FI tr/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	* 2.276	45.71	PK2	31.7	-21	0	56.41	-	-	74	-17.59	197	198	H
	* 2.276	37.27	MAv1	31.7	-21	.35	48.32	54	-5.68	-	-	197	198	H
2	2.628	48.93	Pk	32.7	-20.7	0	60.93	-	-	74	-13.07	0-360	201	H
10	2.628	47.21	Pk	32.7	-20.7	0	59.21	-	-	74	-14.79	0-360	201	V
7	* 4.902	54.63	PK2	34.1	-28.3	0	60.43	-	-	74	-13.57	302	276	H
	* 4.903	43.4	MAv1	34.1	-28.3	.35	49.55	54	-4.45	-	-	302	276	H
8	* 7.352	53	PK2	35.7	-26	0	62.7	-	-	74	-11.3	340	282	H
	* 7.353	41.73	MAv1	35.7	-26	.35	51.78	54	-2.22	-	-	340	282	H
9	* 12.269	36.63	PK2	39	-22.9	0	52.73	-	-	74	-21.27	301	351	H
	* 12.269	25.44	MAv1	39	-22.9	.35	41.89	54	-12.11	-	-	301	351	H
11	9.814	30.15	Pk	37.2	-22.7	0	44.65	-	-	74	-29.35	0-360	100	H
3	* 4.902	53.34	PK2	34.1	-28.3	0	59.14	-	-	74	-14.86	273	351	V
	* 4.901	42.49	MAv1	34.1	-28.3	.35	48.64	54	-5.36	-	-	273	351	V
4	* 7.353	54.64	PK2	35.7	-26	0	64.34	-	-	74	-9.66	71	263	V
	* 7.354	42.88	MAv1	35.7	-26	.35	52.97	54	-1.07	-	-	71	263	V
5	9.804	33.88	Pk	37.2	-22.7	0	48.38	-	-	74	-25.62	0-360	201	V
6	* 12.261	37.33	PK2	39	-23	0	53.33	-	-	74	-20.67	171	278	V
	* 12.28	25.9	MAv1	39	-22.8	.35	42.45	54	-11.55	-	-	171	278	V

* - indicates frequency in CFR 47, Part 15.

PK - Peak detector

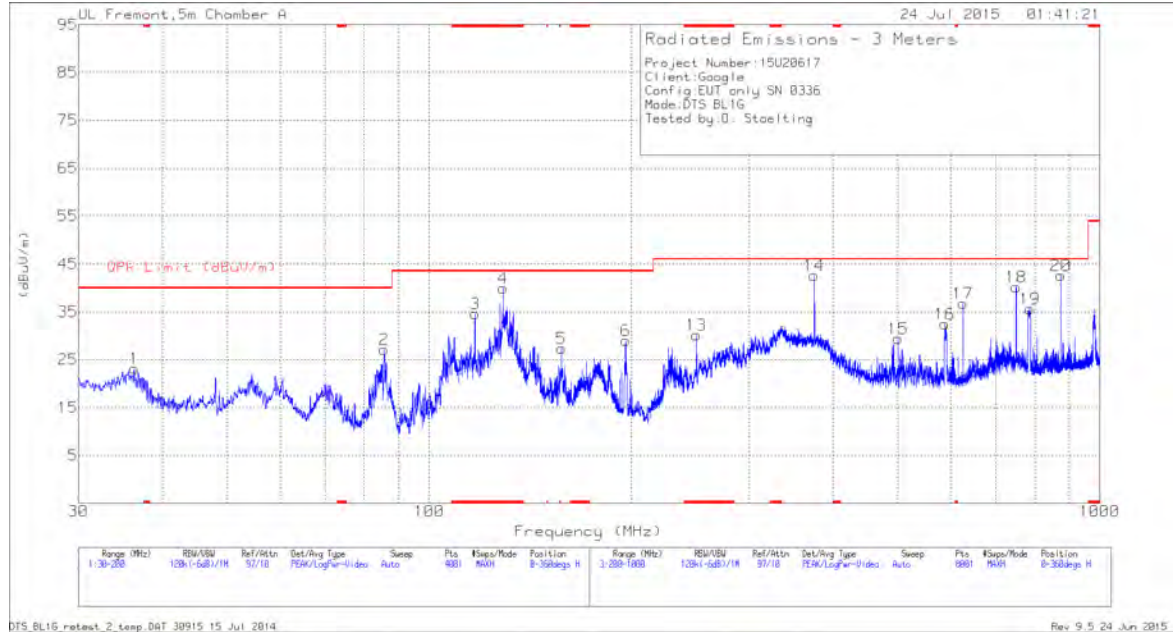
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

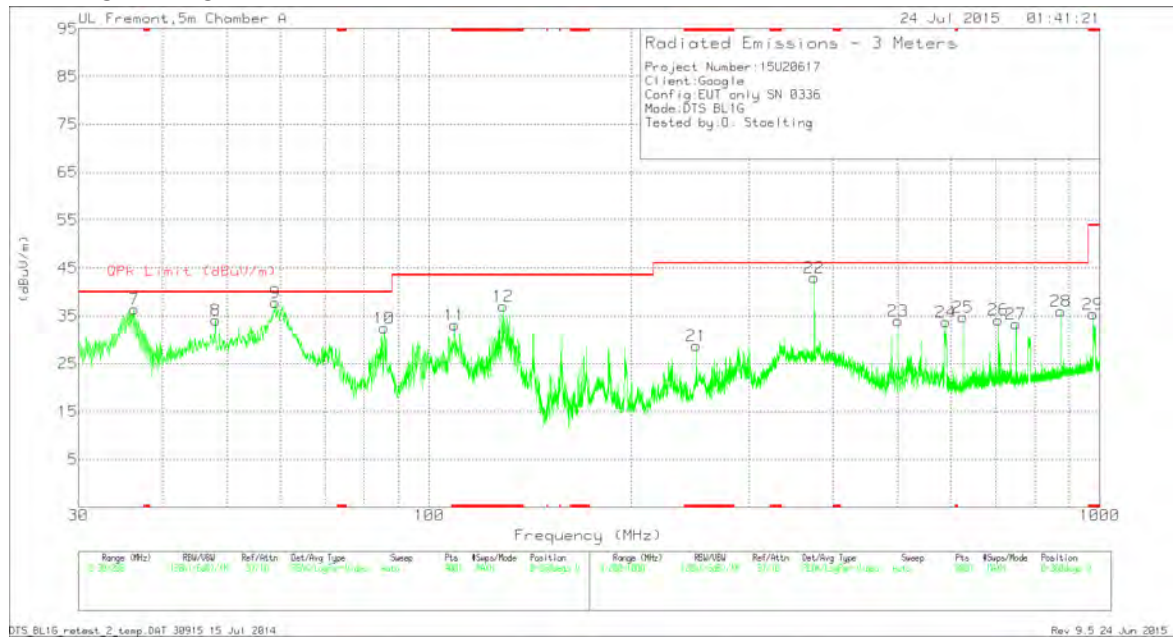
9.3. WORST-CASE BELOW 1 GHz

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

HORIZONTAL PLOT



VERTICAL PLOT



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T130 (dB/m)	Amp/Cbl (dB/m)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 117.04	51.63	Pk	13.5	-30.5	34.63	43.52	-8.89	0-360	299	H
4	* 128.855	56.06	Pk	14.2	-30.3	39.96	43.52	-3.56	0-360	199	H
	* 128.663	52.92	Qp	14.2	-30.3	36.82	43.52	-6.7	14	148	H
11	* 109.0075	51.14	Pk	12.4	-30.5	33.04	43.52	-10.48	0-360	101	V
12	* 128.855	53.1	Pk	14.2	-30.3	37	43.52	-6.52	0-360	101	V
	* 128.6721	47.28	Qp	14.2	-30.3	31.18	43.52	-12.34	1	188	V
13	* 250.3	48.39	Pk	11.4	-29.6	30.19	46.02	-15.83	0-360	101	H
21	* 250.3	47.01	Pk	11.4	-29.6	28.81	46.02	-17.21	0-360	101	V
29	* 977.2	39.23	Pk	22.8	-26.7	35.33	53.97	-18.64	0-360	101	V
1	36.3325	37.59	Pk	16.8	-31.2	23.19	40	-16.81	0-360	399	H
7	36.3325	50.83	Pk	16.8	-31.2	36.43	40	-3.57	0-360	101	V
	36.129	48.28	Qp	17	-31.2	34.08	40	-5.92	270	108	V
8	48.02	56.45	Pk	8.8	-31.1	34.15	40	-5.85	0-360	101	V
	47.805	54.36	Qp	9	-31.1	32.26	40	-7.74	183	107	V
9	58.9425	61.13	Pk	7.5	-30.9	37.73	40	-2.27	0-360	101	V
	58.7107	57.68	Qp	7.5	-30.9	34.28	40	-5.72	10	107	V
2	85.675	50.53	Pk	7.3	-30.7	27.13	40	-12.87	0-360	399	H
10	85.7175	55.84	Pk	7.3	-30.7	32.44	40	-7.56	0-360	101	V
5	157.5	45.53	Pk	12.1	-30.2	27.43	43.52	-16.09	0-360	199	H
6	196.26	46.82	Pk	12.2	-30	29.02	43.52	-14.5	0-360	101	H
14	375.3	56.93	Pk	14.8	-29.1	42.63	46.02	-3.39	0-360	101	H
	375.0253	55.21	Qp	14.8	-29.1	40.91	46.02	-5.11	30	103	H
22	375.3	57.25	Pk	14.8	-29.1	42.95	46.02	-3.07	0-360	101	V
	375.0239	57.45	Qp	14.8	-29.1	43.15	46.02	-2.87	344	119	V
15	500.3	40.54	Pk	17.6	-28.7	29.44	46.02	-16.58	0-360	199	H
23	500.3	45.03	Pk	17.6	-28.7	33.93	46.02	-12.09	0-360	101	V
16	587.2	42.61	Pk	18.5	-28.6	32.51	46.02	-13.51	0-360	199	H
24	590.2	43.89	Pk	18.4	-28.6	33.69	46.02	-12.33	0-360	101	V
17	625.3	46.12	Pk	19.2	-28.5	36.82	46.02	-9.2	0-360	199	H
25	625.4	43.97	Pk	19.3	-28.5	34.77	46.02	-11.25	0-360	101	V
26	705.4	42.17	Pk	20.1	-28.1	34.17	46.02	-11.85	0-360	101	V
27	750.3	40.93	Pk	20.7	-28.3	33.33	46.02	-12.69	0-360	199	V
18	750.4	47.78	Pk	20.7	-28.3	40.18	46.02	-5.84	0-360	101	H
	750.3455	32.28	Qp	20.7	-28.3	24.68	46.02	-21.34	1	118	H
19	787.1	42.53	Pk	21.2	-28.1	35.63	46.02	-10.39	0-360	101	H
20	875.3	48.08	Pk	22.1	-27.6	42.58	46.02	-3.44	0-360	101	H
	875.0368	46.94	Qp	22.1	-27.5	41.54	46.02	-4.48	292	106	H
28	875.3	41.48	Pk	22.1	-27.6	35.98	46.02	-10.04	0-360	101	V

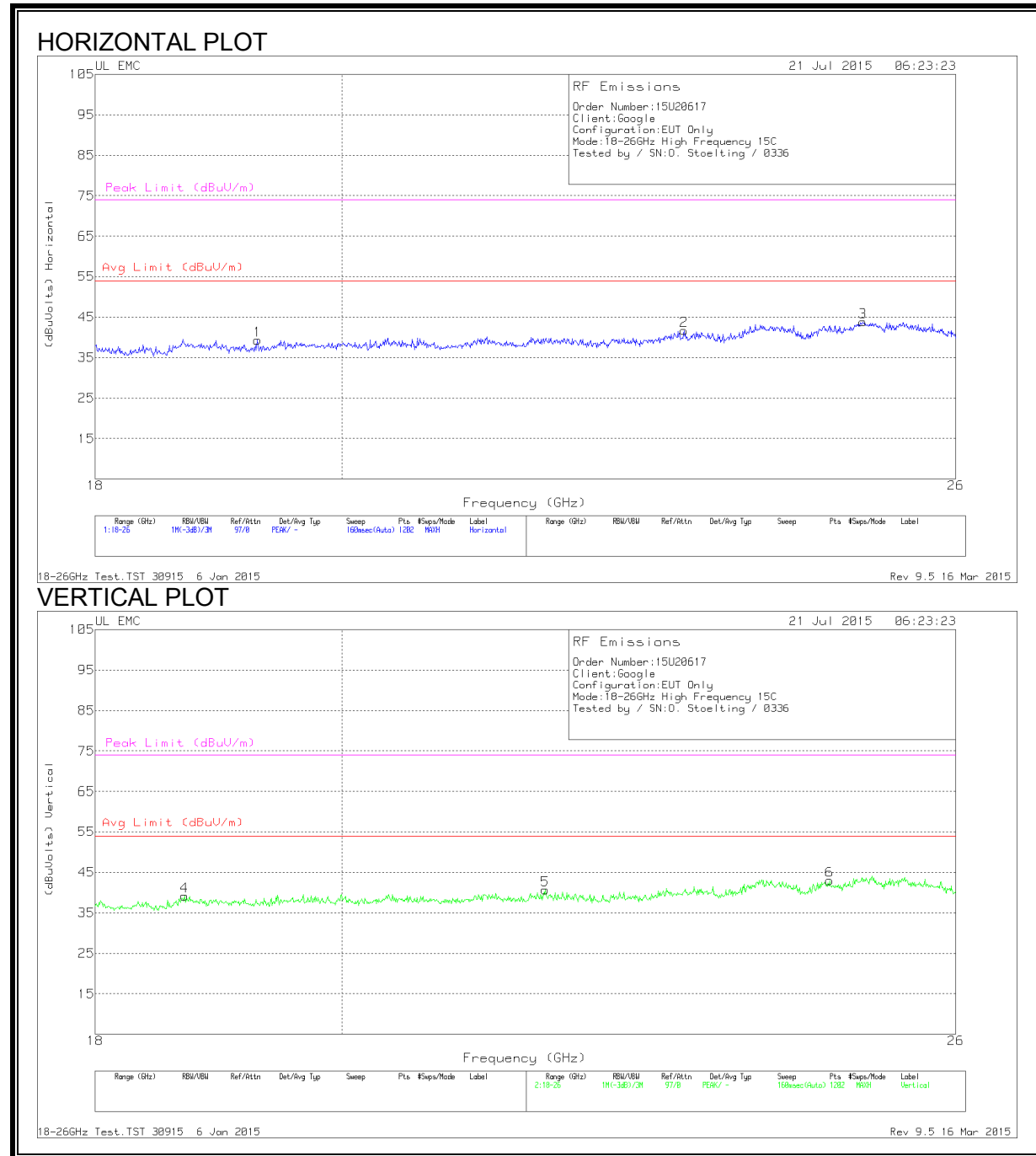
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

Qp - Quasi-Peak detector

9.4. WORST-CASE ABOVE 18 GHz

SPURIOUS EMISSIONS 1 GHz to 26 GHz (WORST-CASE CONFIGURATION, HORIZONTAL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T89 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	19.292	41.33	Pk	32.3	-24.8	-9.5	39.333	54	-14.667	74	-34.667
2	23.149	42.67	Pk	33.5	-25	-9.5	41.667	54	-12.333	74	-32.333
3	24.988	43.53	Pk	34.2	-24.4	-9.5	43.833	54	-10.167	74	-30.167
4	18.699	40.37	Pk	32.5	-24.2	-9.5	39.167	54	-14.833	74	-34.833
5	21.817	41.37	Pk	33.3	-24.5	-9.5	40.667	54	-13.333	74	-33.333
6	24.634	42.8	Pk	33.9	-24.2	-9.5	43	54	-11	74	-31

Pk - Peak detector

10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56 [*]	56 to 46 [*]
0.5-5	56	46
5-30	60	50

^{*} Decreases with the logarithm of the frequency.

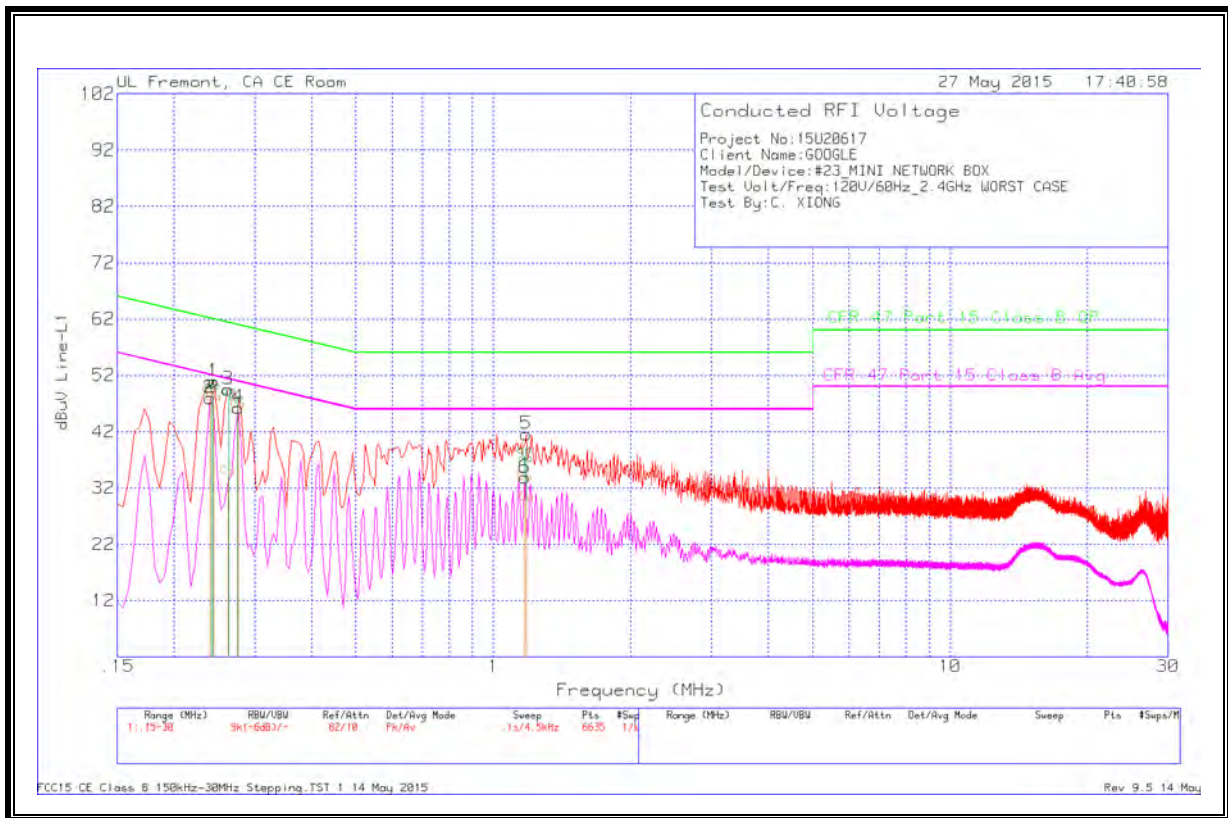
TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.4.

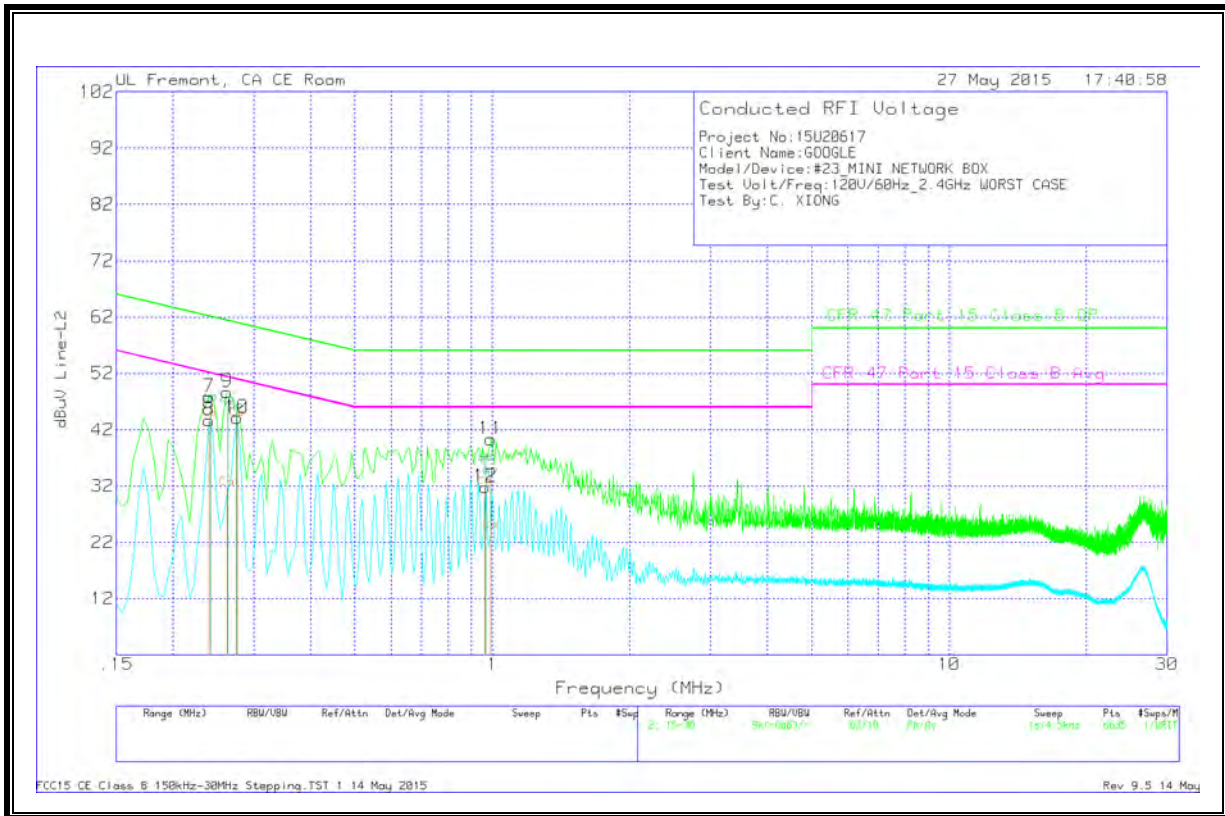
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both NEUTRAL and HOT lines.

LINE 1 RESULTS



LINE 2 RESULTS



RESULTS

Trace Markers

Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	Margin (dB)	CFR 47 Part 15 Class B Avg	Margin (dB)
1	.2445	50.23	Pk	.7	0	50.93	61.94	-11.01	-	-
2	.24	47.29	Av	.7	0	47.99	-	-	52.1	-4.11
3	.2625	48.8	Pk	.7	0	49.5	61.35	-11.85	-	-
4	.276	45.64	Av	.6	0	46.24	-	-	50.94	-4.7
5	1.1805	41.26	Pk	.2	.1	41.56	56	-14.44	-	-
6	1.1715	33.55	Av	.2	.1	33.85	-	-	46	-12.15

Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	Margin (dB)	CFR 47 Part 15 Class B Avg	Margin (dB)
7	.24	47	Pk	.8	0	47.8	62.1	-14.3	-	-
8	.24	42.88	Av	.8	0	43.68	-	-	52.1	-8.42
9	.2625	47.99	Pk	.7	0	48.69	61.35	-12.66	-	-
10	.276	43.41	Av	.7	0	44.11	-	-	50.94	-6.83
11	.9915	40.03	Pk	.3	0	40.33	56	-15.67	-	-
12	.9645	31.48	Av	.3	0	31.78	-	-	46	-14.22

Pk - Peak detector

Av - Average detection

Peak/Average/RMS Emissions

Range 1: Line-L1 .15 - 30MHz									
Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	Margin (dB)	CFR 47 Part 15 Class B Avg	Margin (dB)
.24338	46.32	Ca	.7	0	47.02	-	-	51.98	-4.96
.24113	47.6	Ca	.7	0	48.3	-	-	52.06	-3.76
.26363	33.19	Ca	.7	0	33.89	-	-	51.32	-17.43
.27488	45.14	Ca	.6	0	45.74	-	-	50.97	-5.23
1.17938	29.07	Ca	.2	0	29.27	-	-	46	-16.73
1.17263	32.61	Ca	.2	.1	32.91	-	-	46	-13.09

Ca - CISPR average detection

Range 2: Line-L2 .15 - 30MHz									
Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	Margin (dB)	CFR 47 Part 15 Class B Avg	Margin (dB)
.24113	43.17	Ca	.8	0	43.97	-	-	52.06	-8.09
.26363	30.93	Ca	.7	0	31.63	-	-	51.32	-19.69
.27488	43.25	Ca	.7	0	43.95	-	-	50.97	-7.02
.99128	23.84	Ca	.3	0	24.14	-	-	46	-21.86
.96563	31.45	Ca	.3	0	31.75	-	-	46	-14.25

Ca - CISPR average detection

Quasi-Peak Emissions

Range 1: Line-L1 .15 - 30MHz									
Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	Margin (dB)	CFR 47 Part 15 Class B Avg	Margin (dB)
.24338	48.4	Qp	.7	0	49.1	61.98	-12.88	-	-
.24113	49.05	Qp	.7	0	49.75	62.06	-12.31	-	-
.26363	47.43	Qp	.7	0	48.13	61.32	-13.19	-	-
.27488	46.38	Qp	.6	0	46.98	60.97	-13.99	-	-
1.17938	35.89	Qp	.2	0	36.09	56	-19.91	-	-
1.17263	37.32	Qp	.2	.1	37.62	56	-18.38	-	-

Qp - Quasi-Peak detector

Range 2: Line-L2 .15 - 30MHz									
Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	Margin (dB)	CFR 47 Part 15 Class B Avg	Margin (dB)
.24113	45.97	Qp	.8	0	46.77	62.06	-15.29	-	-
.26363	45.64	Qp	.7	0	46.34	61.32	-14.98	-	-
.27488	44.56	Qp	.7	0	45.26	60.97	-15.71	-	-
.99128	33.55	Qp	.3	0	33.85	56	-22.15	-	-
.96563	35.73	Qp	.3	0	36.03	56	-19.97	-	-

Qp - Quasi-Peak detector