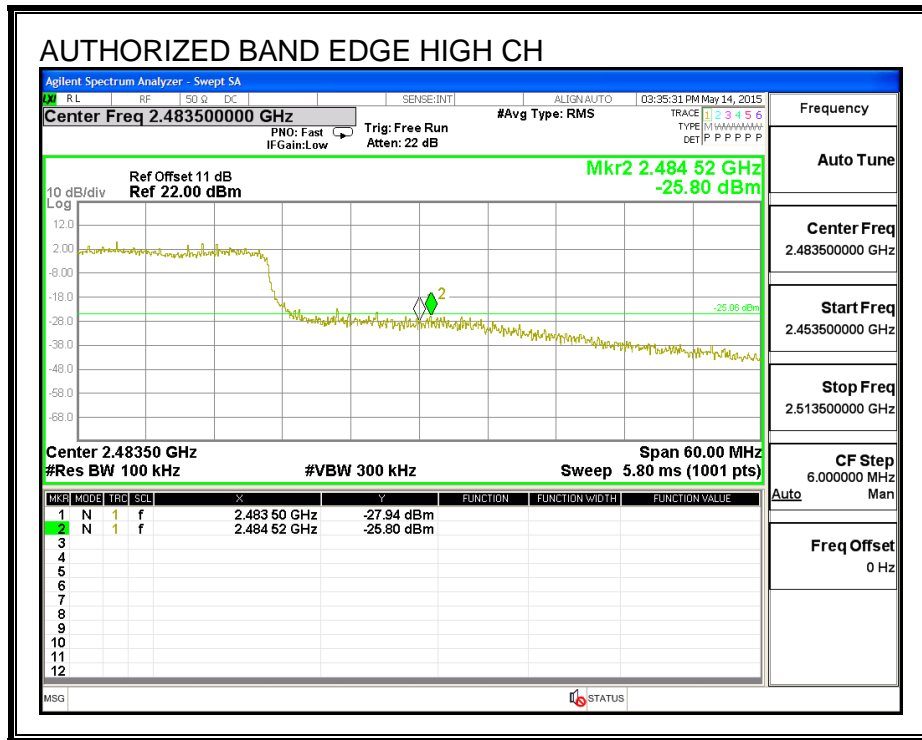
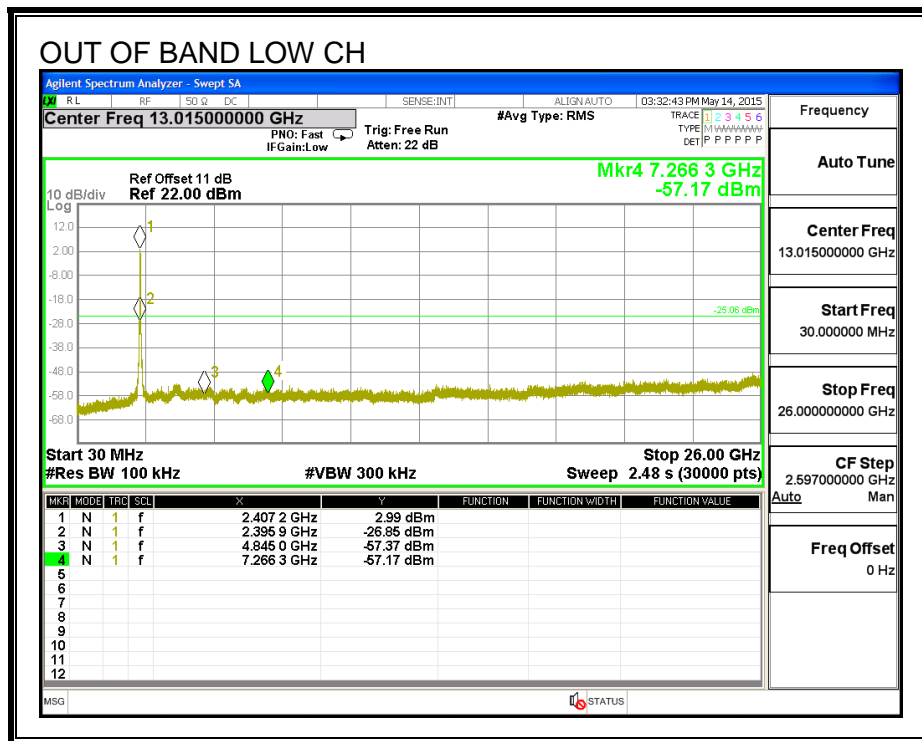
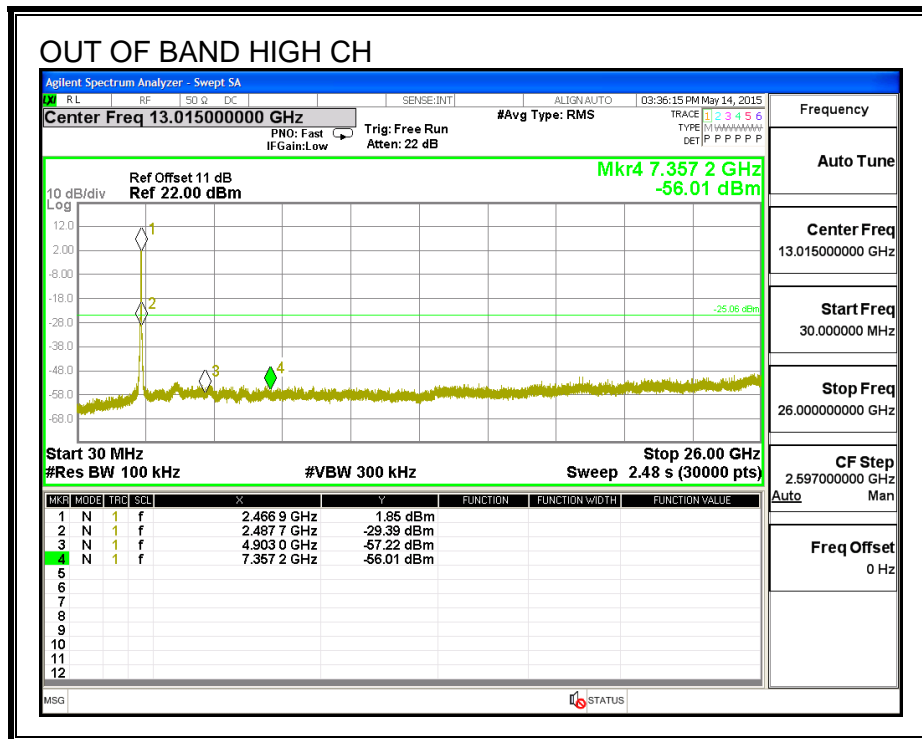
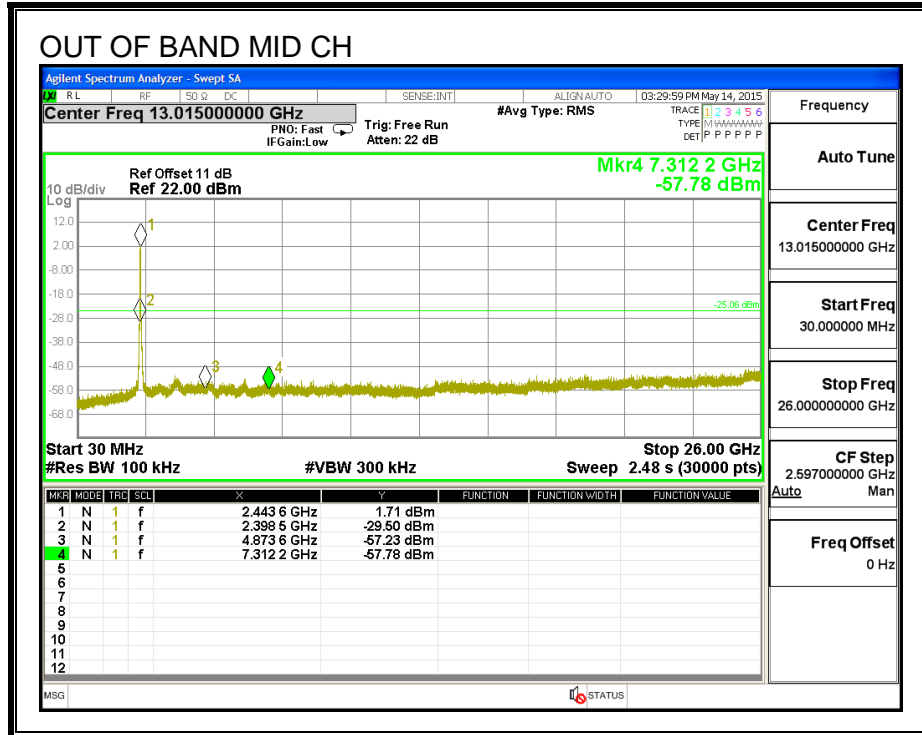


**HIGH CHANNEL BANDEDGE**



**OUT-OF-BAND EMISSIONS**





## 8.1. 802.11n HT40 MODE IN THE 2.4 GHz BAND ANTENNA 2

### 8.1.1. 6 dB BANDWIDTH

#### LIMITS

FCC §15.247 (a) (2)

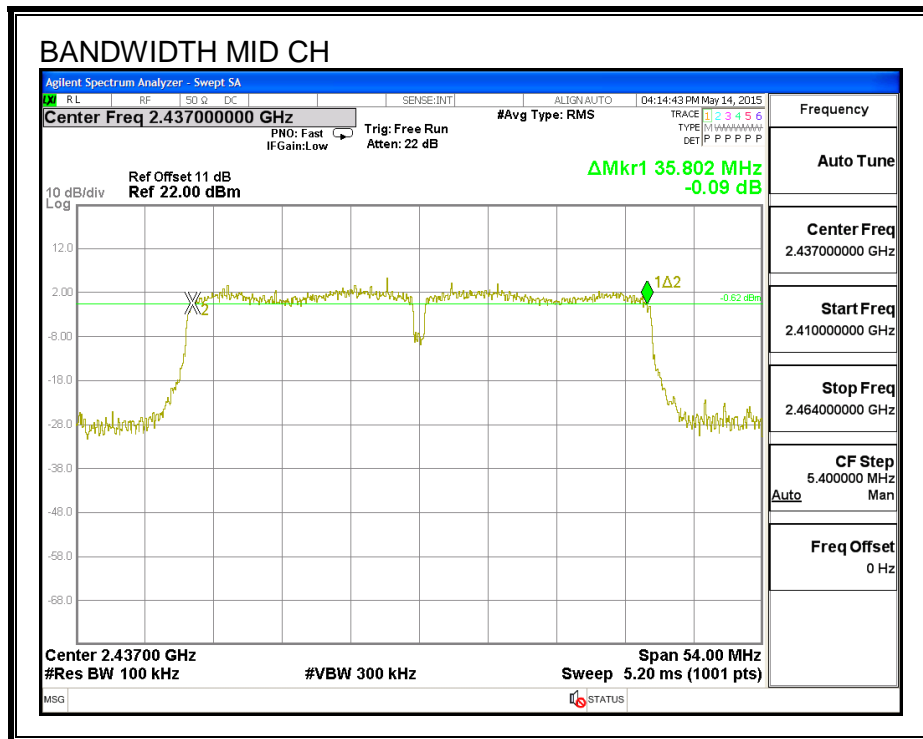
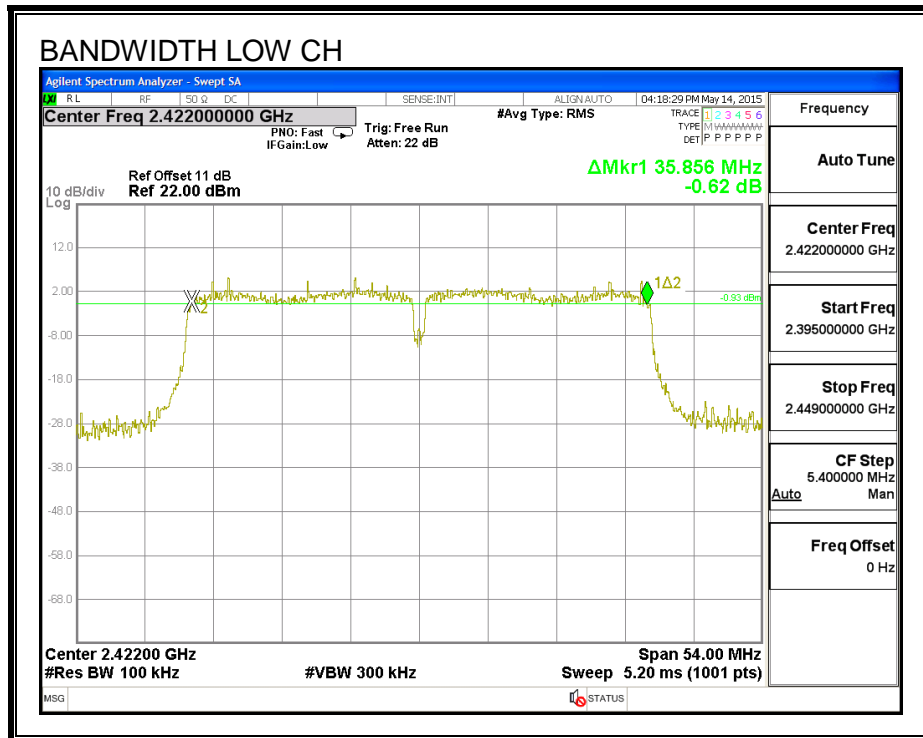
IC RSS-247 (5.2) (1)

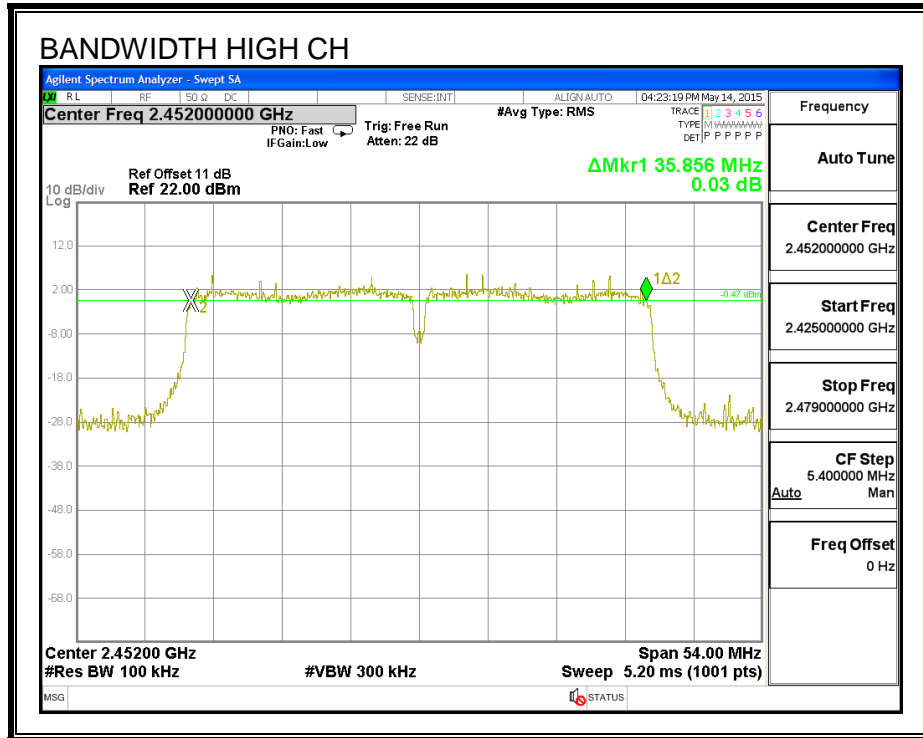
The minimum 6 dB bandwidth shall be at least 500 kHz.

#### RESULTS

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	2422	35.856	0.5
Mid	2437	35.802	0.5
High	2452	35.856	0.5

**6 dB BANDWIDTH**





### 8.1.2. 99% BANDWIDTH

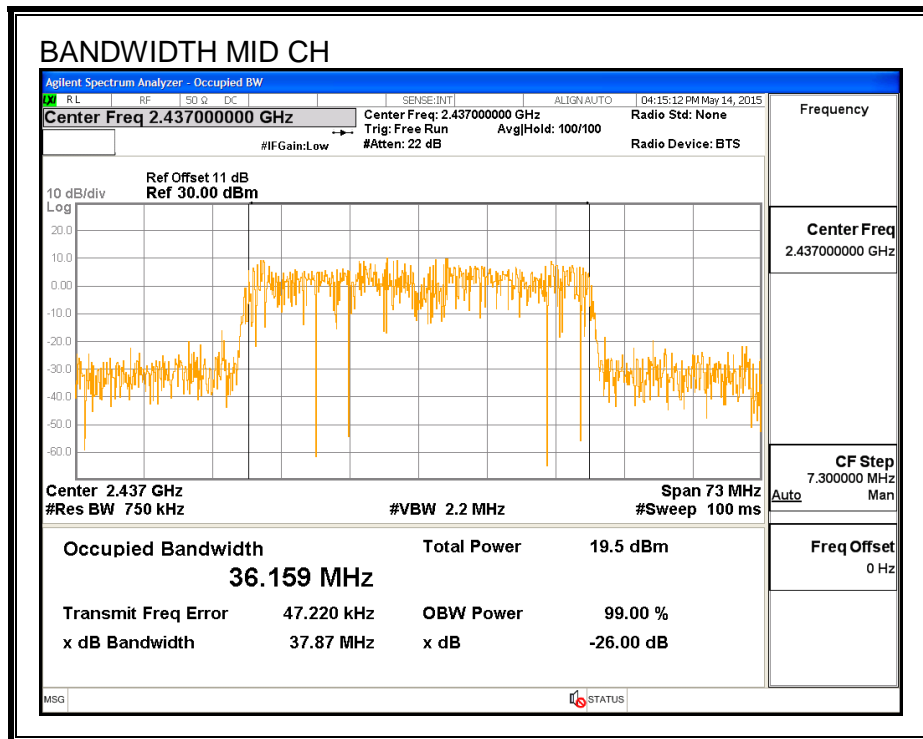
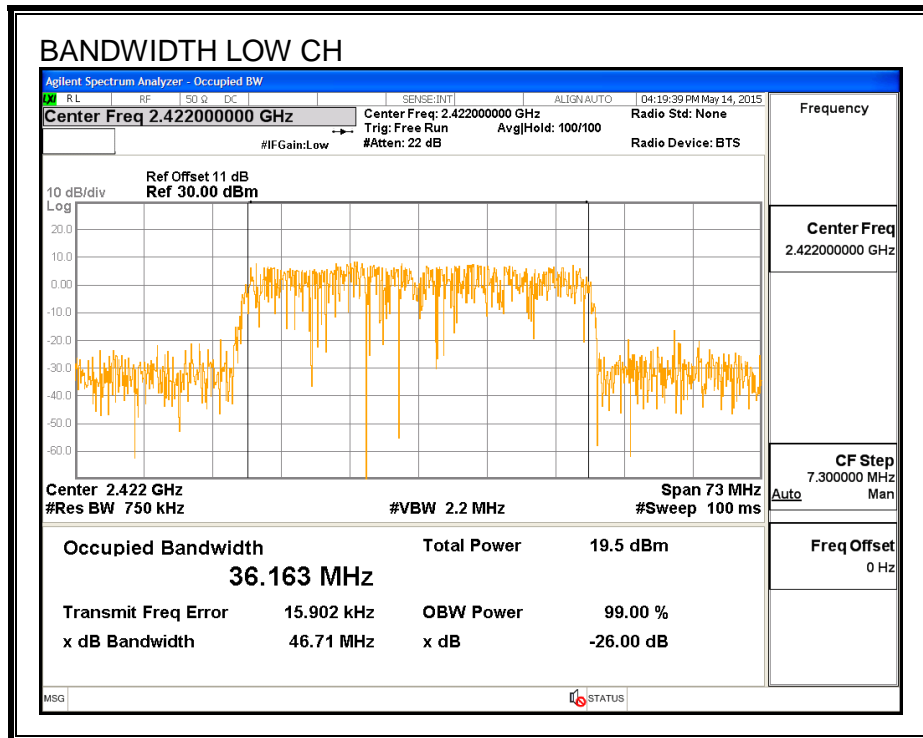
#### LIMITS

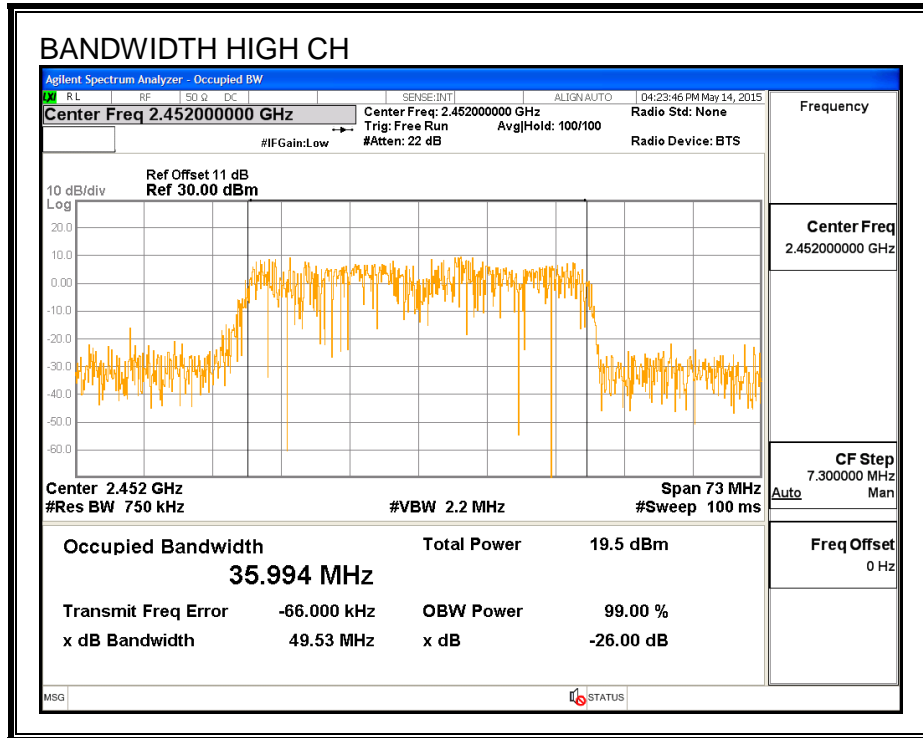
None; for reporting purposes only.

#### RESULTS

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	2422	36.1630
Mid	2437	36.1590
High	2452	35.9940

**99% BANDWIDTH**







### **8.1.3. OUTPUT POWER**

#### **LIMITS**

FCC §15.247

IC RSS-247 (5.4) (4)

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**

There is only one transmitter output therefore the directional gain is equal to the antenna gain.

**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	2.30	30.00	30	36	30.00
Mid	2437	2.30	30.00	30	36	30.00
High	2452	2.30	30.00	30	36	30.00

**Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low	2422	8.43	8.43	30.00	-21.57
Mid	2437	10.37	10.37	30.00	-19.63
High	2452	10.29	10.29	30.00	-19.71

### 8.1.4. POWER SPECTRAL DENSITY

#### LIMITS

FCC §15.247

IC RSS-247 (5.2) (2)

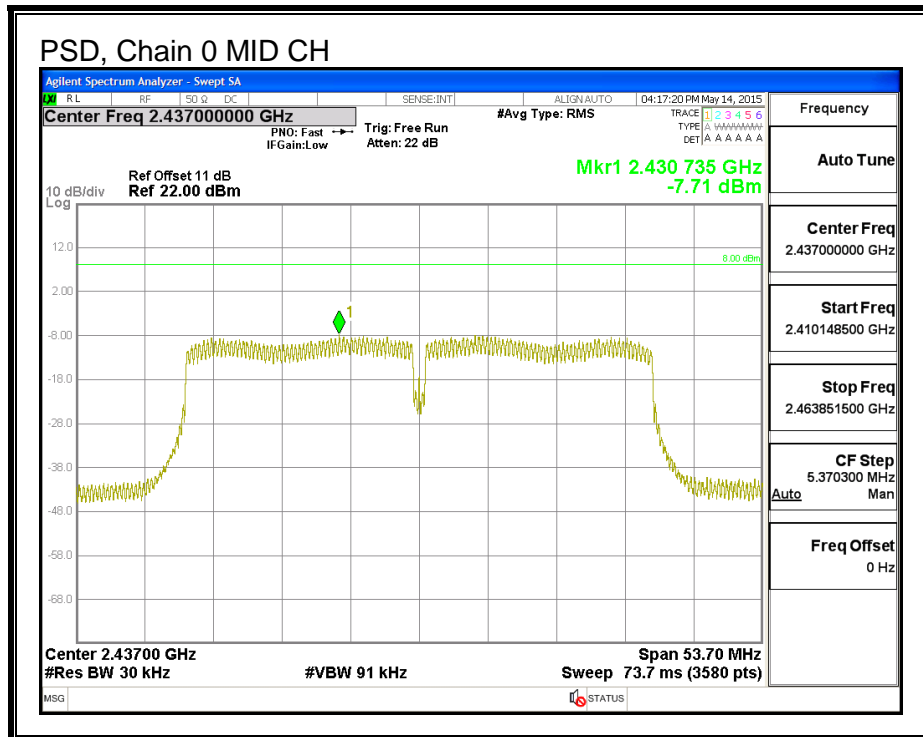
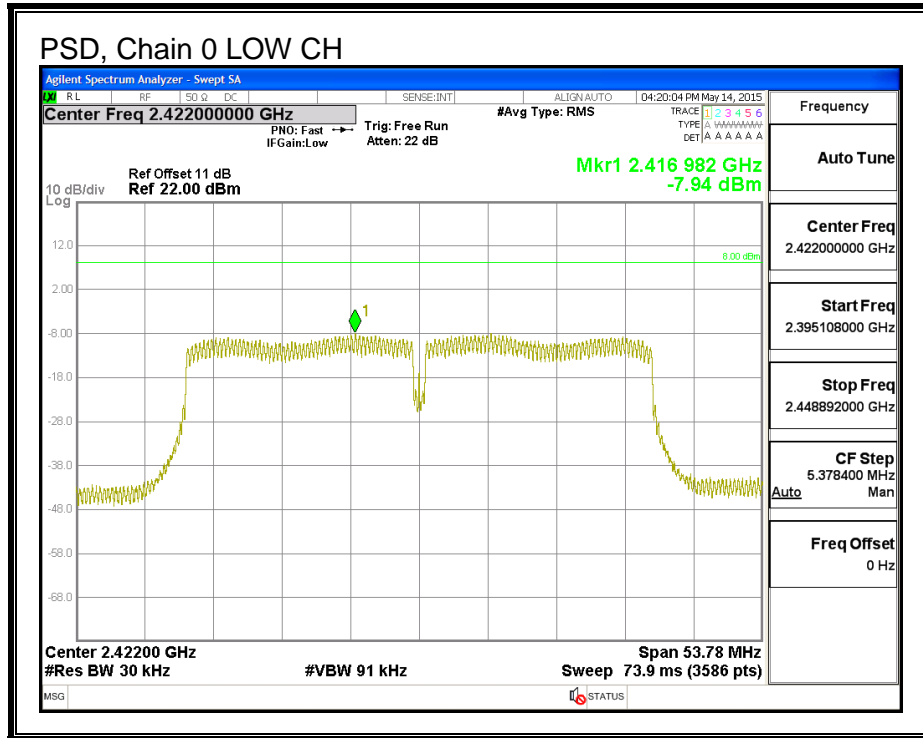
For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 KHz band during any time interval of continuous transmissions.

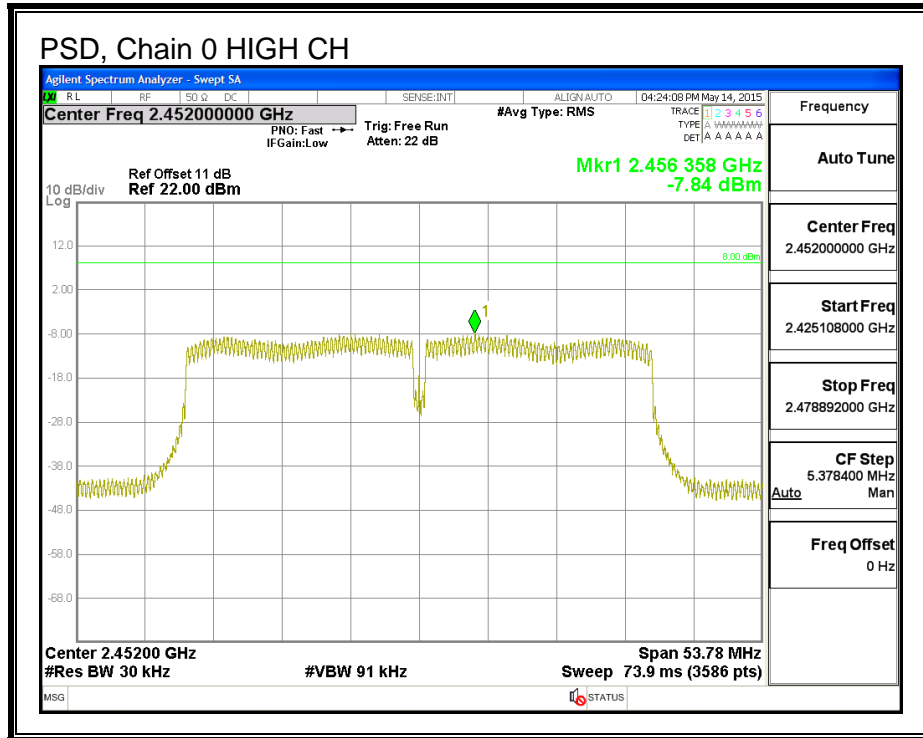
#### RESULTS

##### PSD Results

Channel	Frequency (MHz)	Chain 0 Meas (dBm)	Total Corr'd PSD (dBm)	Limit (dBm)	Margin (dB)
Low	2422	-7.94	-7.94	8.0	-15.9
Mid	2437	-7.71	-7.71	8.0	-15.7
High	2452	-7.84	-7.84	8.0	-15.8

**PSD, Chain 0**





## 8.1.5. OUT-OF-BAND EMISSIONS

### LIMITS

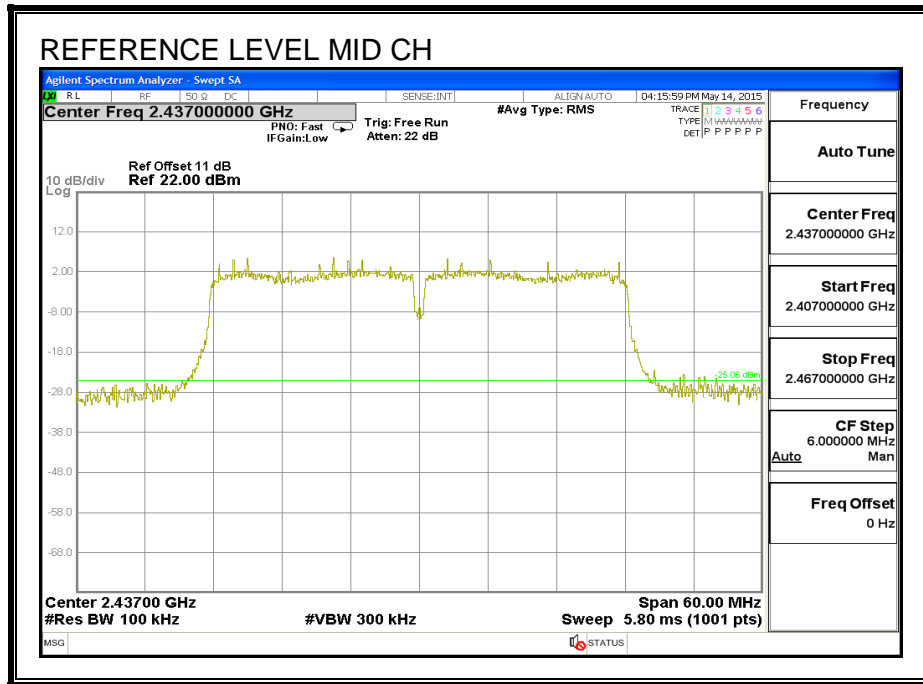
FCC §15.247 (d)

IC RSS-247 (5.5)

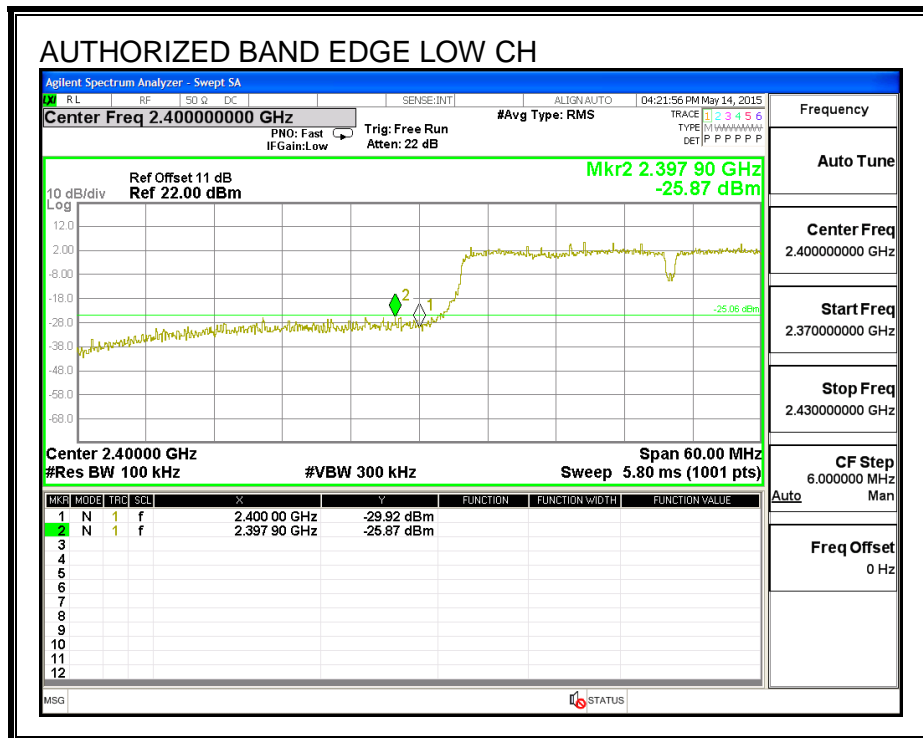
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the 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**

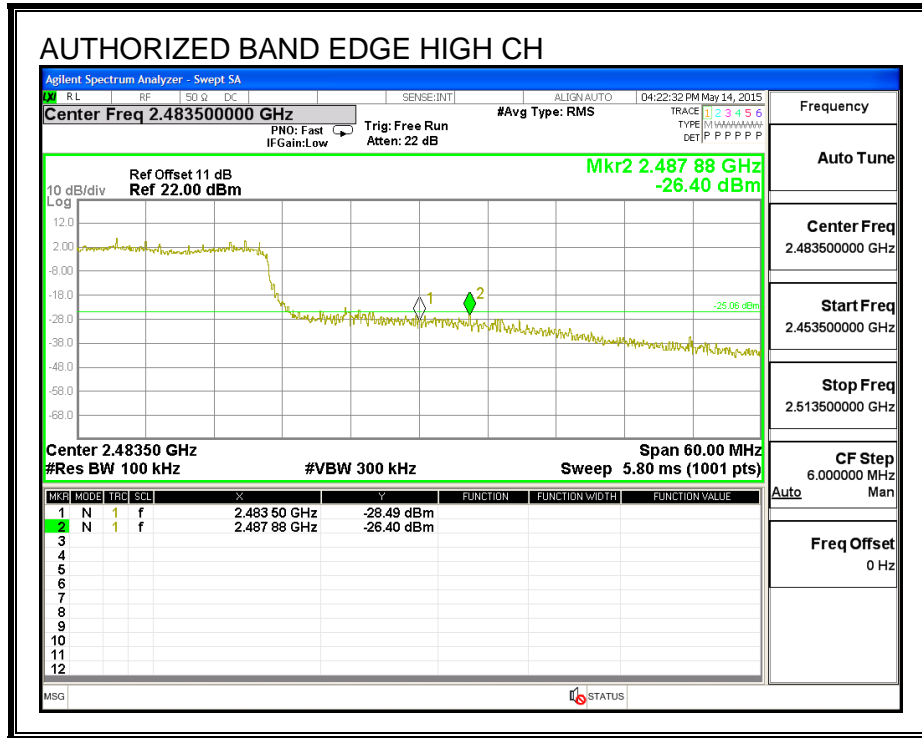
**IN-BAND REFERENCE LEVEL**



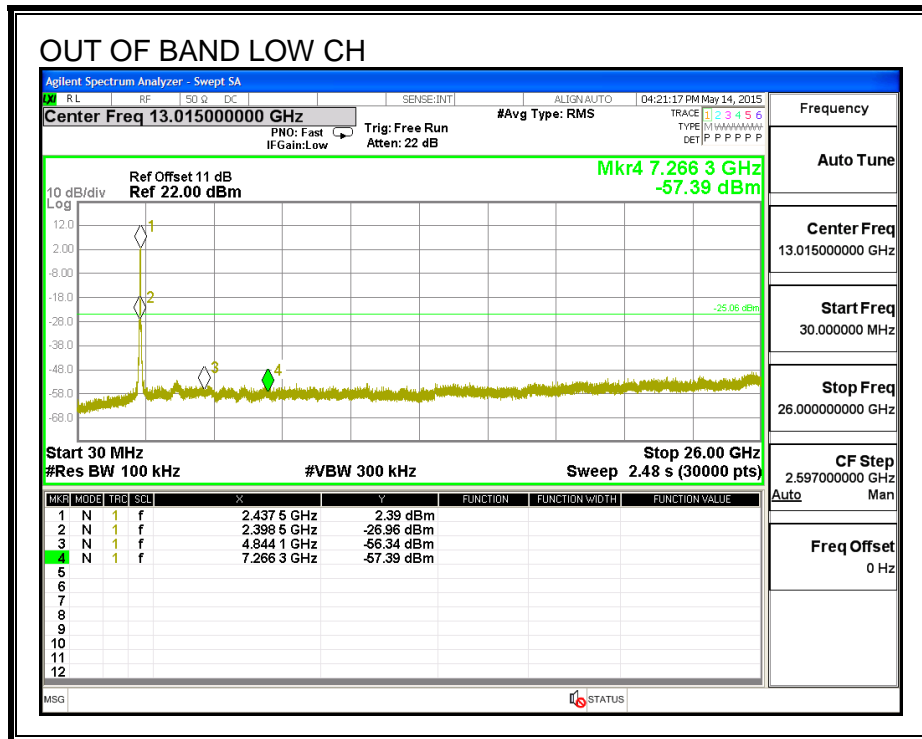
**LOW CHANNEL BANDEDGE**



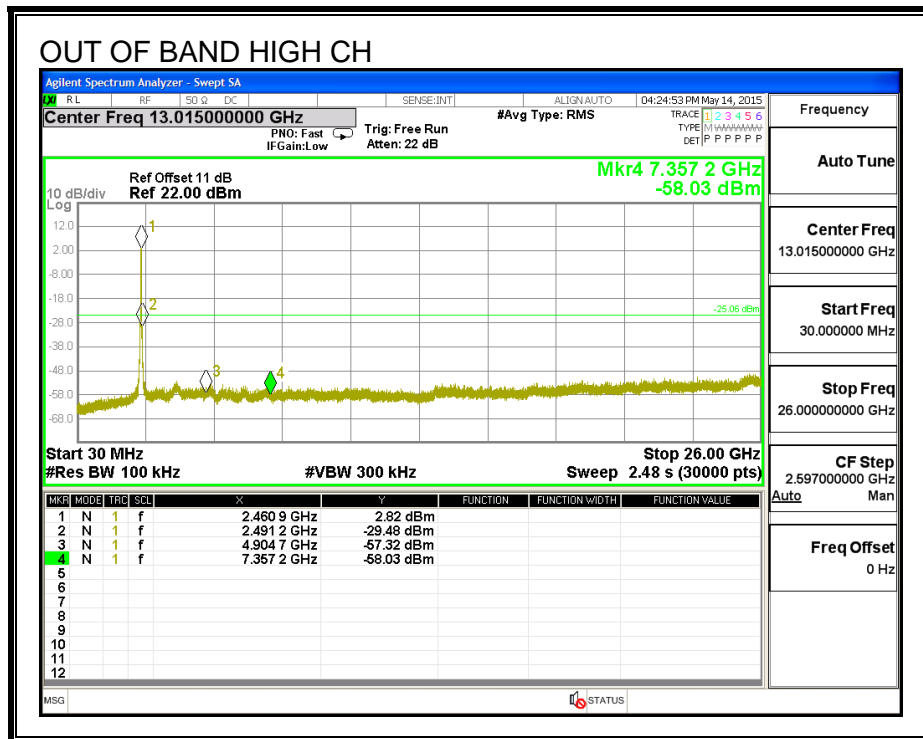
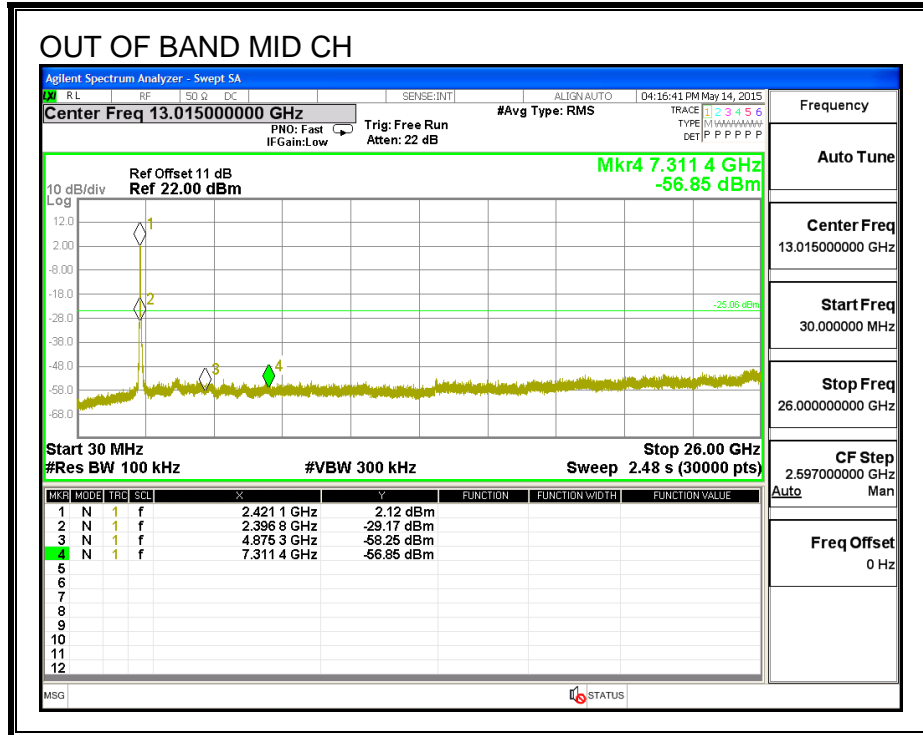
**HIGH CHANNEL BANDEDGE**



**OUT-OF-BAND EMISSIONS**







## 9. RADIATED TEST RESULTS

### 9.1. LIMITS AND PROCEDURE

#### LIMITS

FCC §15.205 and §15.209

IC RSS-GEN, Section 8.9 and 8.10.

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.

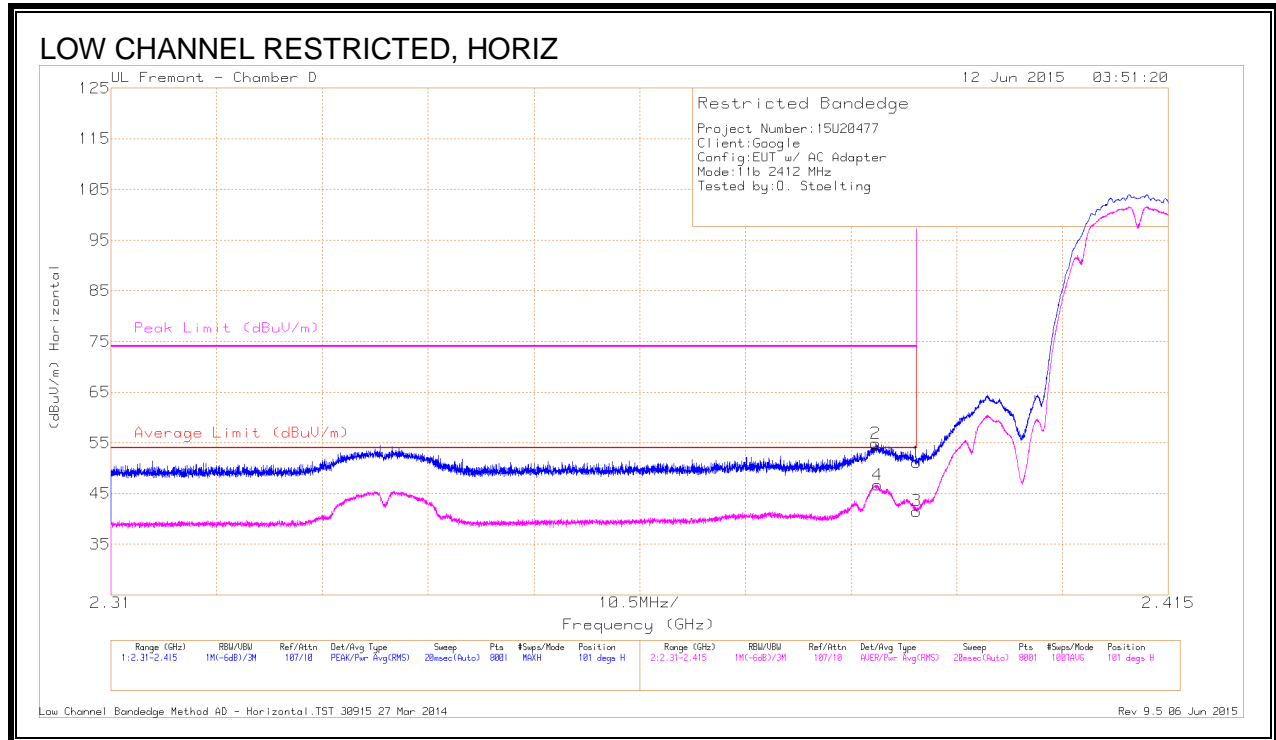
The spectrum from 30 MHz to 40 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band.

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 IN THE 2.4 GHz BAND ANTENNA 1

#### RESTRICTED BANDEDGE (LOW CHANNEL)

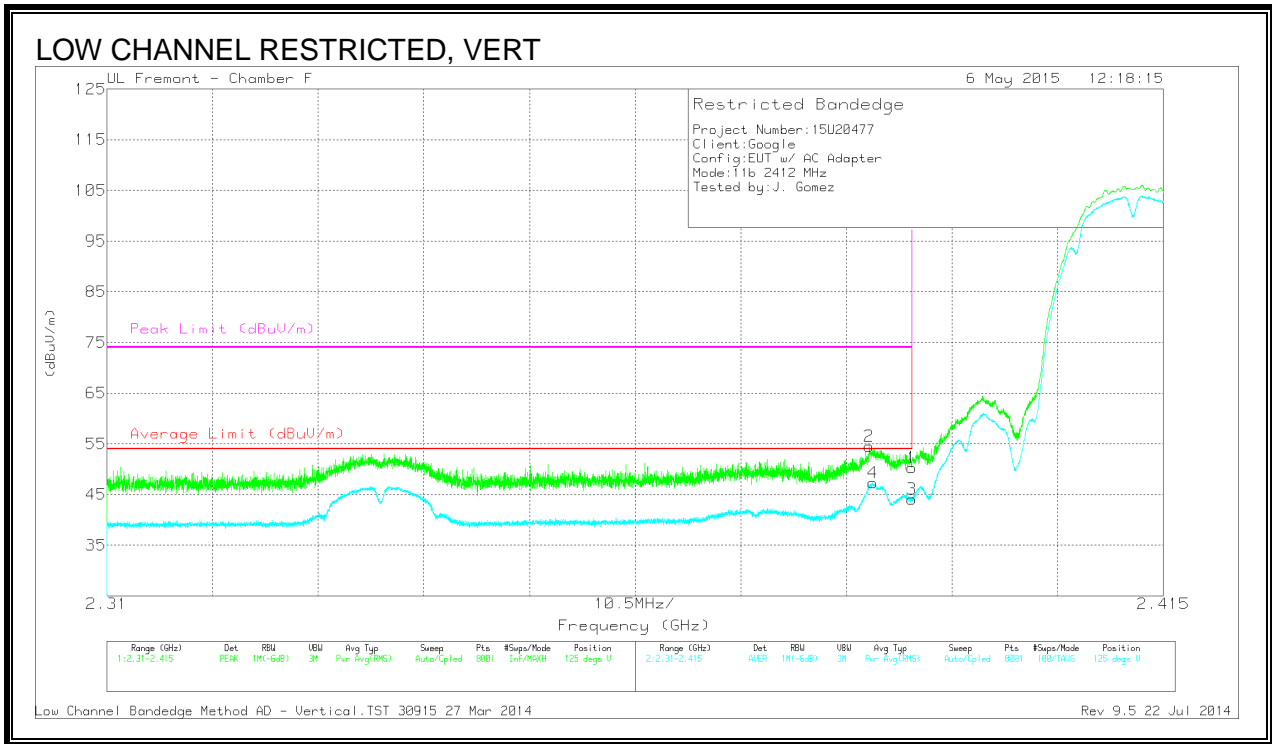


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	39.8	Pk	32.1	-20.7	51.2	-	-	74	-22.8	101	173	H
2	* 2.386	43.57	Pk	32.1	-20.8	54.87	-	-	74	-19.13	101	173	H
3	* 2.39	30.14	RMS	32.1	-20.7	41.54	54	-12.46	-	-	101	173	H
4	* 2.386	35.38	RMS	32.1	-20.8	46.68	54	-7.32	-	-	101	173	H

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

Pk - Peak detector

RMS - RMS detection



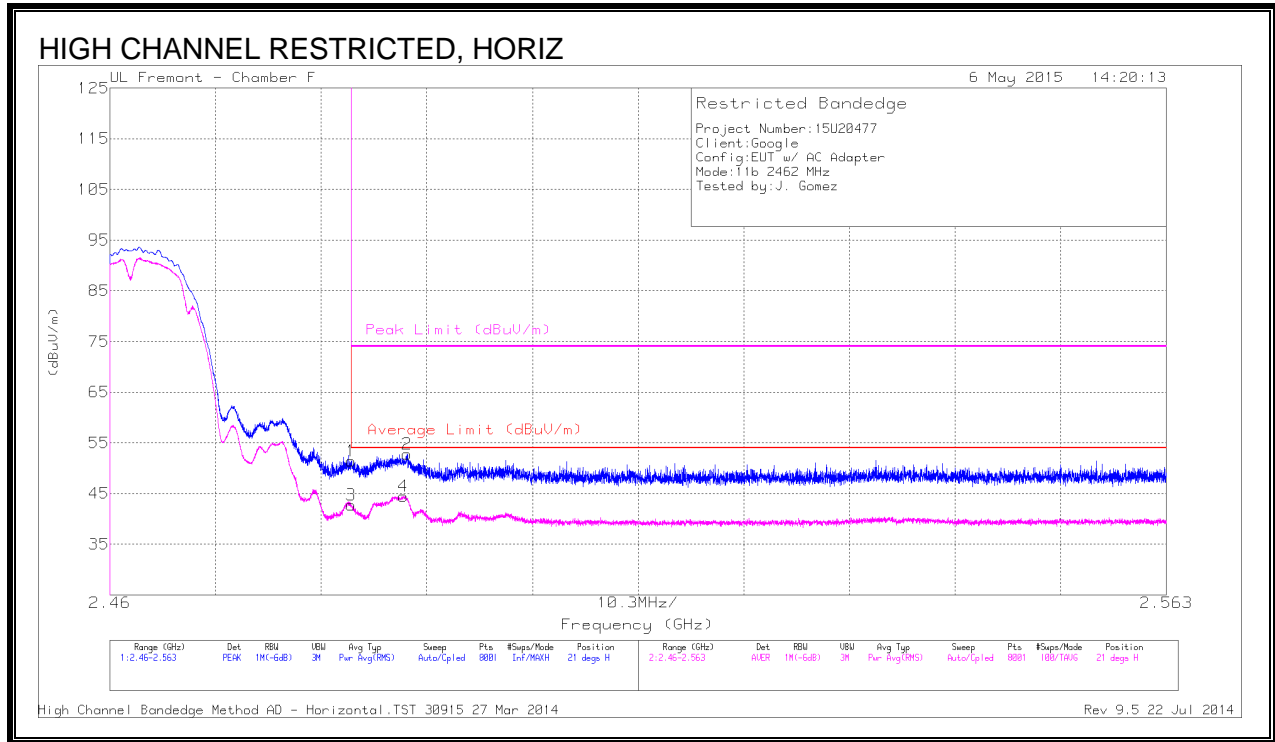
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	39.3	PK	31.9	-20.9	50.3	-	-	74	-23.7	125	104	V
2	* 2.386	43.54	PK	31.9	-20.9	54.54	-	-	74	-19.46	125	104	V
3	* 2.39	33.06	RMS	31.9	-20.9	44.06	54	-9.94	-	-	125	104	V
4	* 2.386	36.26	RMS	31.9	-20.9	47.26	54	-6.74	-	-	125	104	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection

**AUTHORIZED BANDEDGE (HIGH CHANNEL)**

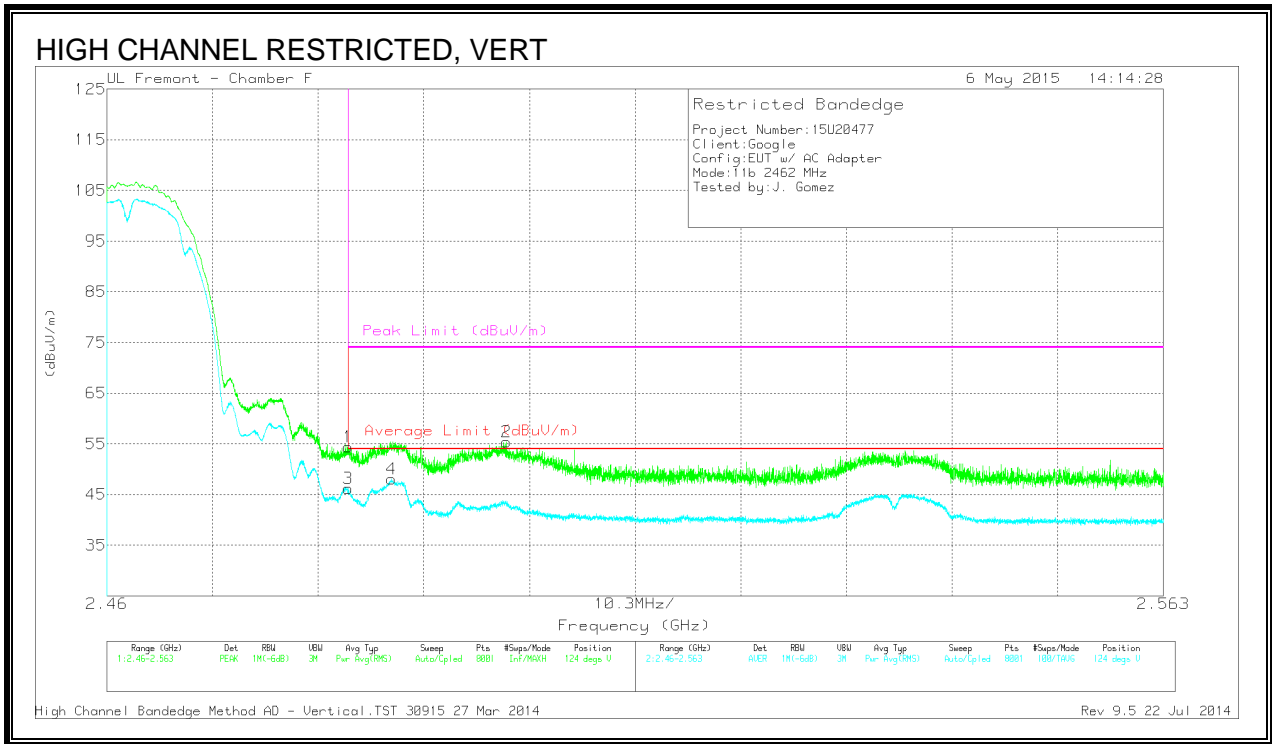


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.15	PK	32.2	-20.9	51.45	-	-	74	-22.55	21	110	H
2	* 2.489	41.43	PK	32.2	-20.9	52.73	-	-	74	-21.27	21	110	H
3	* 2.484	31.44	RMS	32.2	-20.9	42.74	54	-11.26	-	-	21	110	H
4	* 2.489	33.17	RMS	32.2	-20.9	44.47	54	-9.53	-	-	21	110	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/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	43.14	PK	32.2	-20.9	54.44	-	-	74	-19.56	124	110	V
2	* 2.499	44.02	PK	32.3	-20.9	55.42	-	-	74	-18.58	124	110	V
3	* 2.484	34.93	RMS	32.2	-20.9	46.23	54	-7.77	-	-	124	110	V
4	* 2.488	36.75	RMS	32.2	-20.9	48.05	54	-5.95	-	-	124	110	V

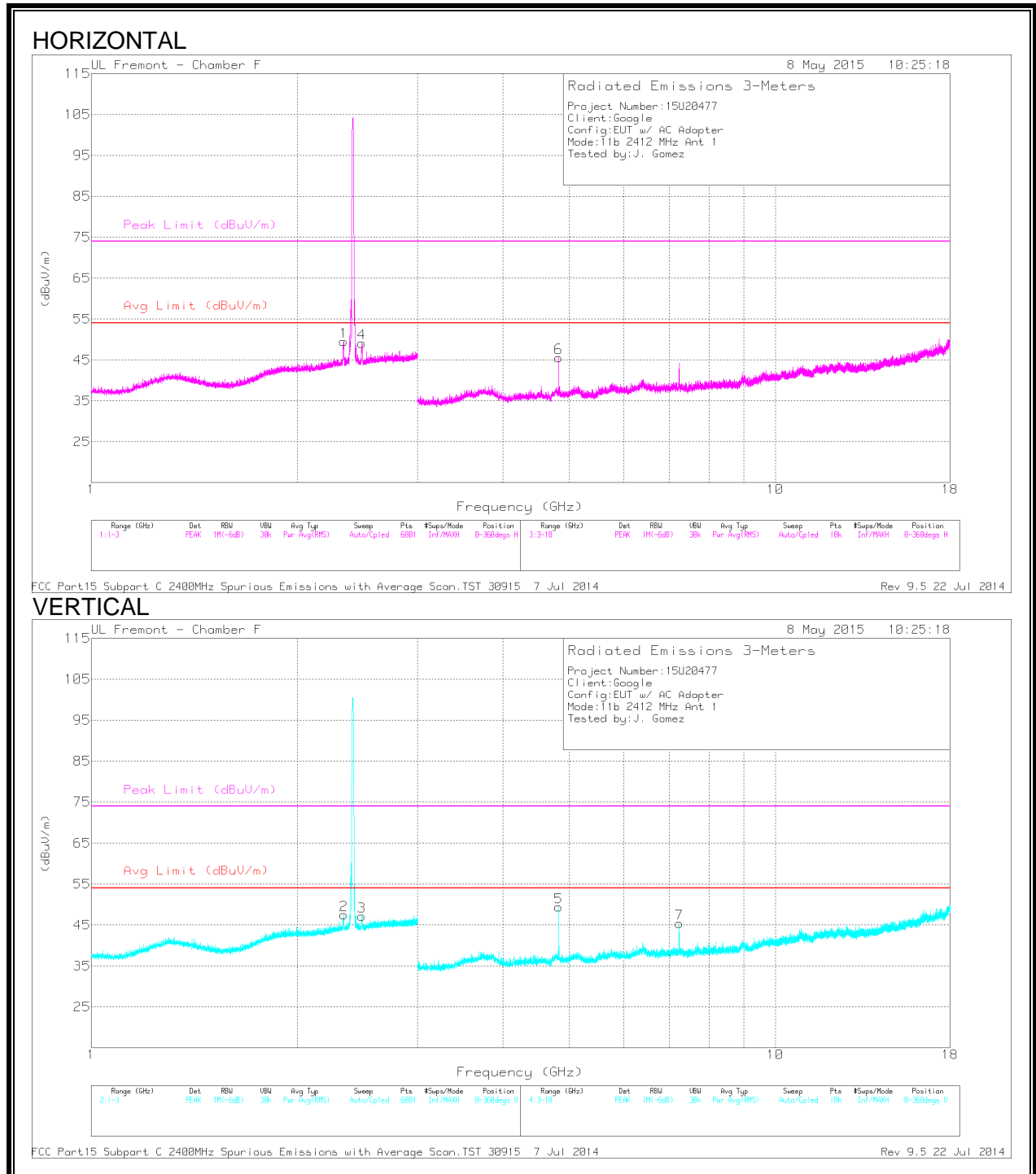
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

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/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	* 2.339	38.73	PK	31.8	-21	49.53	-	-	74	-24.47	0-360	100	H
4	* 2.486	37.8	PK	32.2	-20.9	49.1	-	-	74	-24.9	0-360	100	H
2	* 2.34	36.73	PK	31.8	-21	47.53	-	-	74	-26.47	0-360	101	V
3	* 2.486	35.84	PK	32.2	-20.9	47.14	-	-	74	-26.86	0-360	201	V
6	* 4.824	39.05	PK	34.1	-27.6	45.55	-	-	74	-28.45	0-360	201	H
5	* 4.824	42.87	PK	34.1	-27.6	49.37	-	-	74	-24.63	0-360	101	V
7	7.237	36.21	PK	35.6	-26.4	45.41	-	-	-	-	0-360	201	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

Radiated Emissions

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
* 2.488	45.59	PK2	32.2	-20.9	56.89	-	-	74	-17.11	298	226	H
* 2.488	37.38	MAV1	32.2	-20.9	48.68	54	-5.32	-	-	298	226	H
* 2.339	45.77	PK2	31.8	-21	56.57	-	-	74	-17.43	179	100	H
* 2.339	37.12	MAV1	31.8	-21	47.92	54	-6.08	-	-	179	100	H
* 2.489	44.65	PK2	32.2	-20.9	55.95	-	-	74	-18.05	46	399	V
* 2.488	35.08	MAV1	32.2	-20.9	46.38	54	-7.62	-	-	46	399	V
* 2.337	45.26	PK2	31.8	-21	56.06	-	-	74	-17.94	22	388	V
* 2.336	35.55	MAV1	31.8	-21	46.35	54	-7.65	-	-	22	388	V
* 4.824	43.97	PK2	34.1	-27.6	50.47	-	-	74	-23.53	76	280	H
* 4.824	38.89	MAV1	34.1	-27.6	45.39	54	-8.61	-	-	76	280	H
* 4.824	46.66	PK2	34.1	-27.6	53.16	-	-	74	-20.84	335	234	V
* 4.824	43.11	MAV1	34.1	-27.6	49.61	54	-4.39	-	-	335	234	V

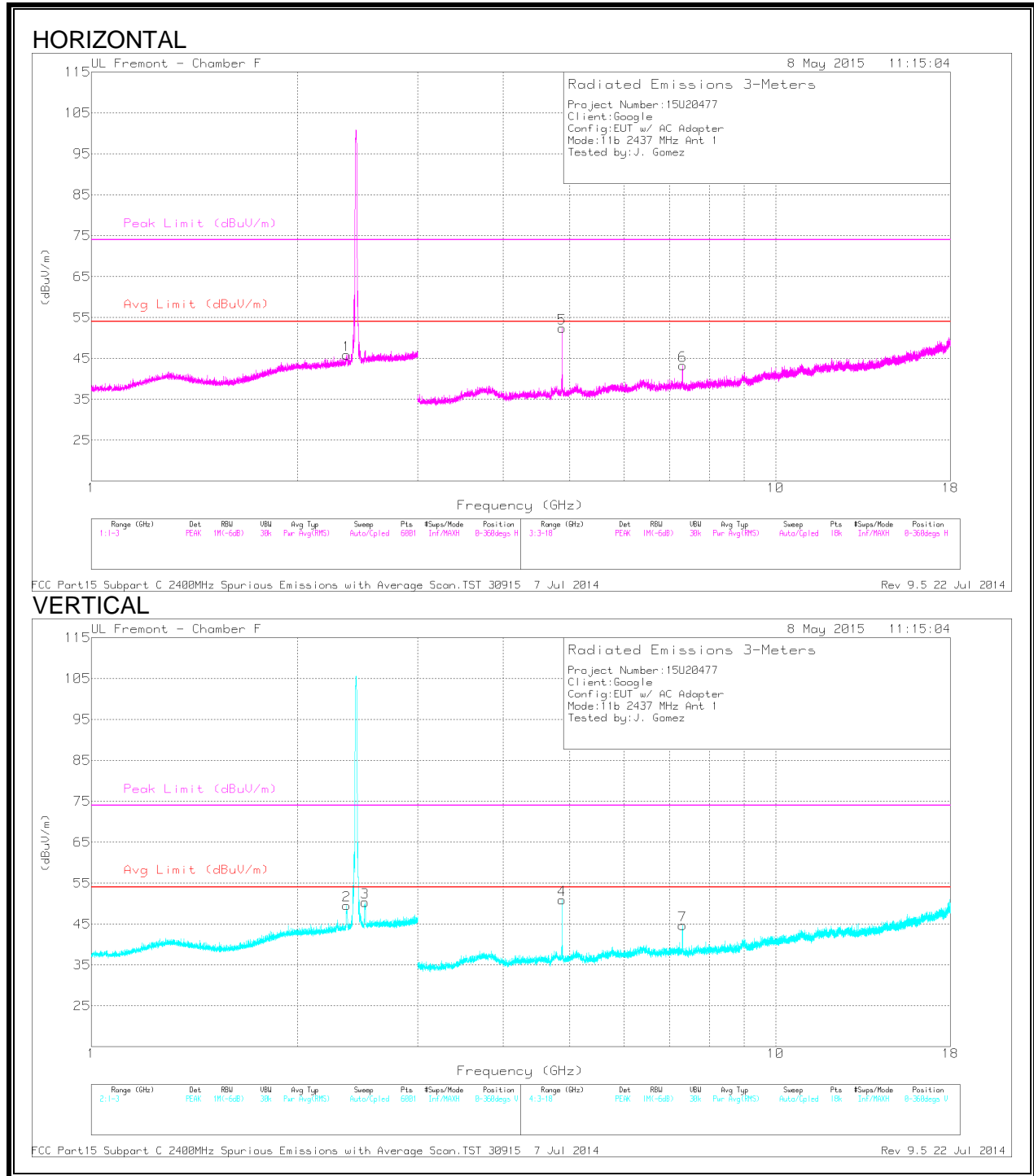
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

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/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	* 2.361	34.85	PK	31.9	-20.9	45.85	-	-	74	-28.15	0-360	201	H
2	* 2.361	38.59	PK	31.9	-20.9	49.59	-	-	74	-24.41	0-360	101	V
3	2.514	39.04	PK	32.3	-21	50.34	-	-	-	-	0-360	101	V
5	* 4.874	46.12	PK	34.1	-27.8	52.42	-	-	74	-21.58	0-360	201	H
6	* 7.313	33.9	PK	35.7	-26.3	43.3	-	-	74	-30.7	0-360	201	H
4	* 4.874	44.62	PK	34.1	-27.8	50.92	-	-	74	-23.08	0-360	201	V
7	* 7.311	35.31	PK	35.7	-26.3	44.71	-	-	74	-29.29	0-360	101	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

Radiated Emissions

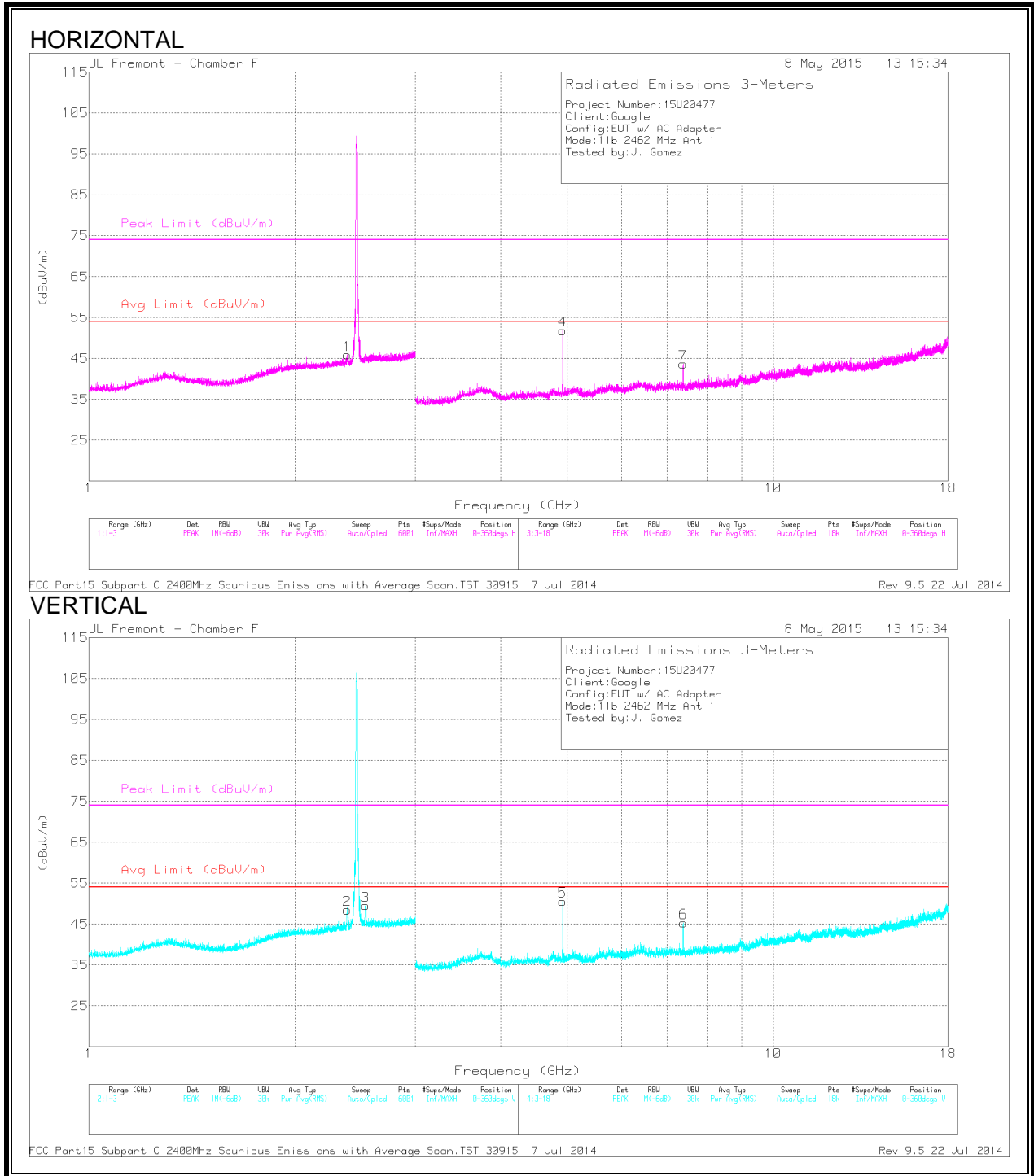
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.365	43.74	PK2	31.9	-20.9	54.74	-	-	74	-19.26	287	117	H
* 2.363	33.45	MAV1	31.9	-20.9	44.45	54	-9.55	-	-	287	117	H
* 2.361	45.89	PK2	31.9	-20.9	56.89	-	-	74	-17.11	315	103	V
* 2.361	37.53	MAV1	31.9	-20.9	48.53	54	-5.47	-	-	315	103	V
* 4.874	48.97	PK2	34.1	-27.8	55.27	-	-	74	-18.73	339	251	H
* 4.874	46.34	MAV1	34.1	-27.8	52.64	54	-1.36	-	-	339	251	H
* 7.313	42.44	PK2	35.7	-26.3	51.84	-	-	74	-22.16	119	286	H
* 7.312	35.3	MAV1	35.7	-26.3	44.7	54	-9.3	-	-	119	286	H
* 4.874	47.26	PK2	34.1	-27.8	53.56	-	-	74	-20.44	226	169	V
* 4.874	44.3	MAV1	34.1	-27.8	50.6	54	-3.4	-	-	226	169	V
* 7.31	42.36	PK2	35.7	-26.3	51.76	-	-	74	-22.24	102	101	V
* 7.312	35.01	MAV1	35.7	-26.3	44.41	54	-9.59	-	-	102	101	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

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
1	* 2.385	34.89	PK	31.9	-20.9	45.89	-	-	74	-28.11	0-360	201	H
2	* 2.385	37.48	PK	31.9	-20.9	48.48	-	-	74	-25.52	0-360	101	V
3	2.538	38.02	PK	32.4	-20.9	49.52	-	-	-	-	0-360	101	V
4	* 4.924	46.33	PK	34.1	-28.6	51.83	-	-	74	-22.17	0-360	201	H
7	* 7.385	33.63	PK	35.7	-25.7	43.63	-	-	74	-30.37	0-360	201	H
5	* 4.924	45.05	PK	34.1	-28.6	50.55	-	-	74	-23.45	0-360	201	V
6	* 7.387	35.33	PK	35.7	-25.7	45.33	-	-	74	-28.67	0-360	101	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

Radiated Emissions

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
* 2.385	43.63	PK2	31.9	-20.9	54.63	-	-	74	-19.37	191	205	H
* 2.389	32.68	MAV1	31.9	-20.9	43.68	54	-10.32	-	-	191	205	H
* 2.39	45.9	PK2	31.9	-20.9	56.9	-	-	74	-17.1	175	105	V
* 2.389	37.15	MAV1	31.9	-20.9	48.15	54	-5.85	-	-	175	105	V
* 4.924	48.44	PK2	34.1	-28.6	53.94	-	-	74	-20.06	334	270	H
* 4.924	44.92	MAV1	34.1	-28.6	50.42	54	-3.58	-	-	334	270	H
* 7.385	40.74	PK2	35.7	-25.7	50.74	-	-	74	-23.26	96	187	H
* 7.387	33.49	MAV1	35.7	-25.7	43.49	54	-10.51	-	-	96	187	H
* 4.924	48.21	PK2	34.1	-28.6	53.71	-	-	74	-20.29	220	189	V
* 4.924	44.24	MAV1	34.1	-28.6	49.74	54	-4.26	-	-	220	189	V
* 7.388	42.32	PK2	35.7	-25.7	52.32	-	-	74	-21.68	222	220	V
* 7.387	35.23	MAV1	35.7	-25.7	45.23	54	-8.77	-	-	222	220	V

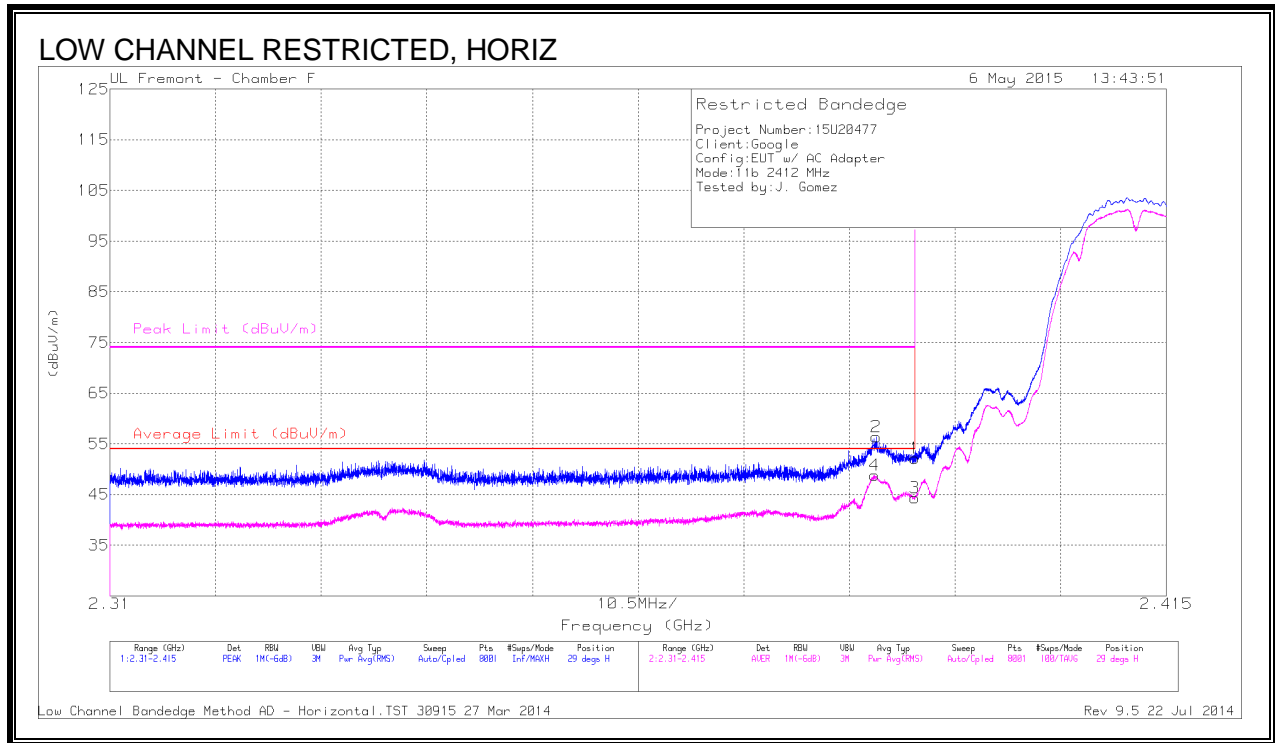
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

## 9.2.2. TX ABOVE 1 GHz 802.11b IN THE 2.4 GHz BAND ANTENNA 2

### RESTRICTED BANDEDGE (LOW CHANNEL)

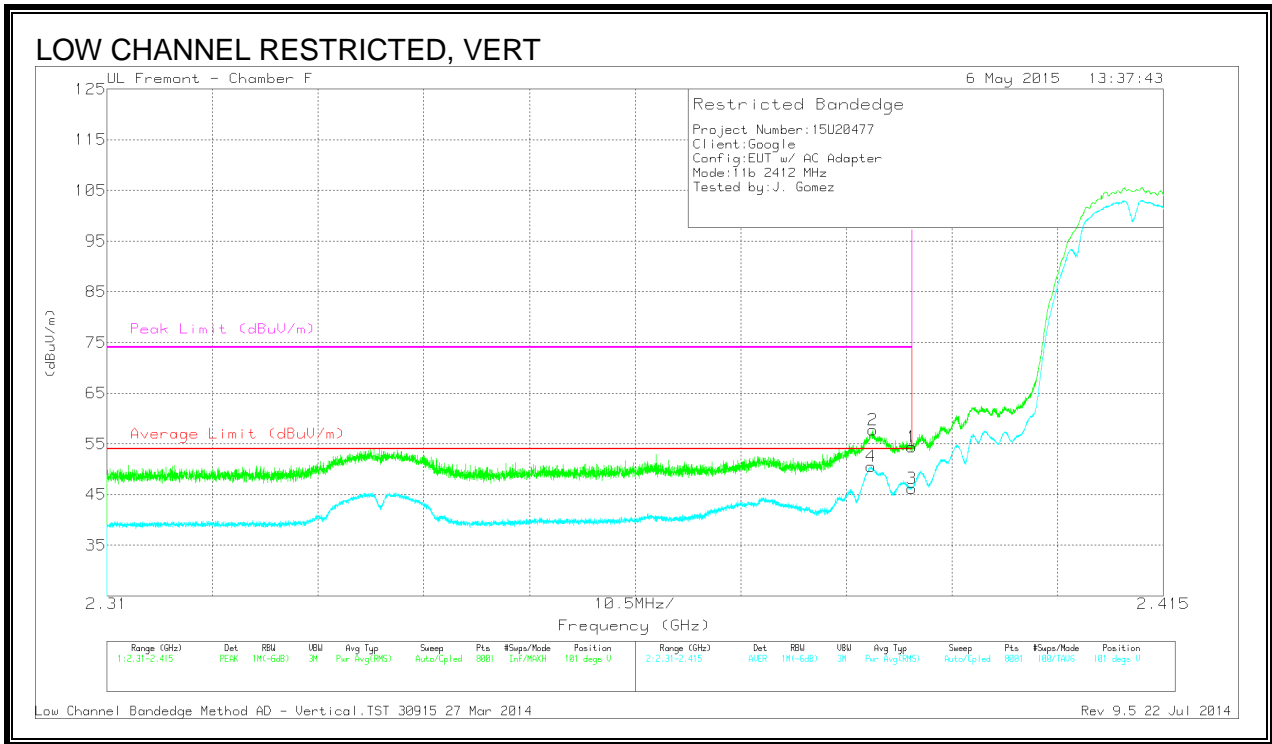


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	41.14	PK	31.9	-20.9	52.14	-	-	74	-21.86	29	173	H
2	* 2.386	45.35	PK	31.9	-20.9	56.35	-	-	74	-17.65	29	173	H
3	* 2.39	33.31	RMS	31.9	-20.9	44.31	54	-9.69	-	-	29	173	H
4	* 2.386	37.77	RMS	31.9	-20.9	48.77	54	-5.23	-	-	29	173	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



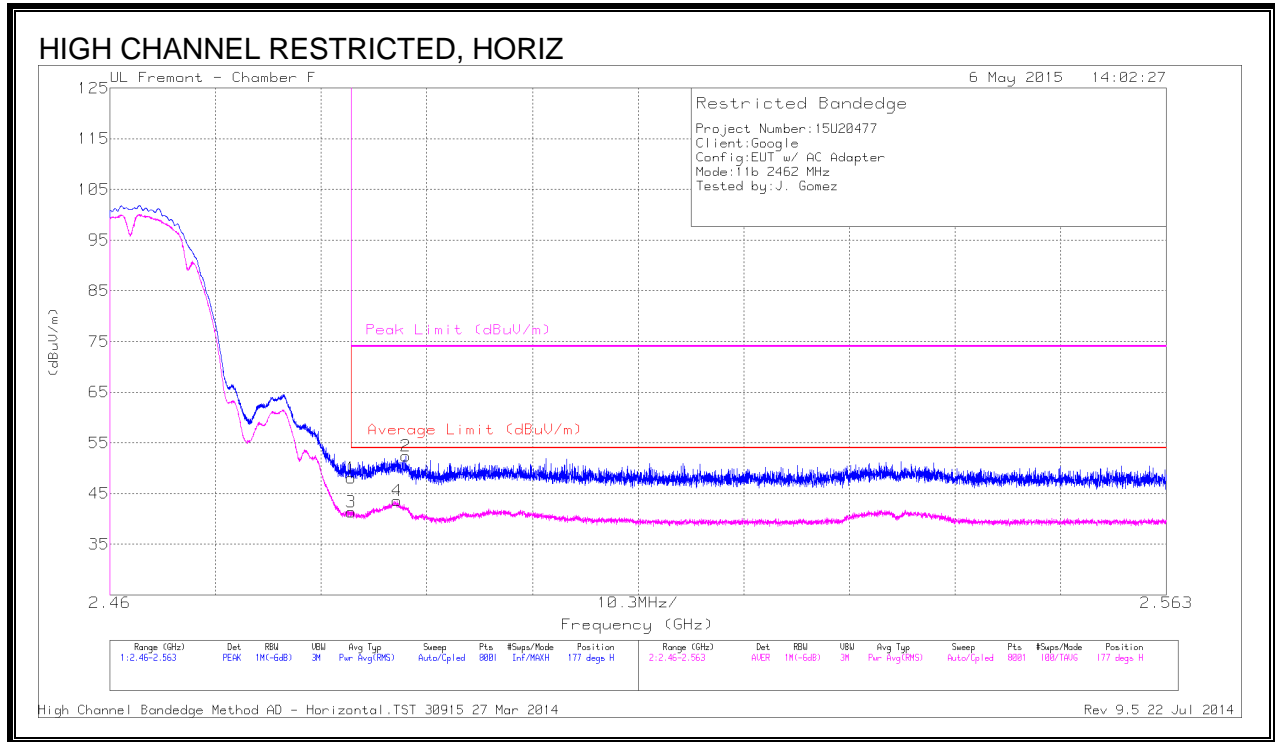
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	43.44	PK	31.9	-20.9	54.44	-	-	74	-19.56	101	102	V
2	* 2.386	46.76	PK	31.9	-20.9	57.76	-	-	74	-16.24	101	102	V
3	* 2.39	35.24	RMS	31.9	-20.9	46.24	54	-7.76	-	-	101	102	V
4	* 2.386	39.53	RMS	31.9	-20.9	50.53	54	-3.47	-	-	101	102	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection

**AUTHORIZED BANDEDGE (HIGH CHANNEL)**

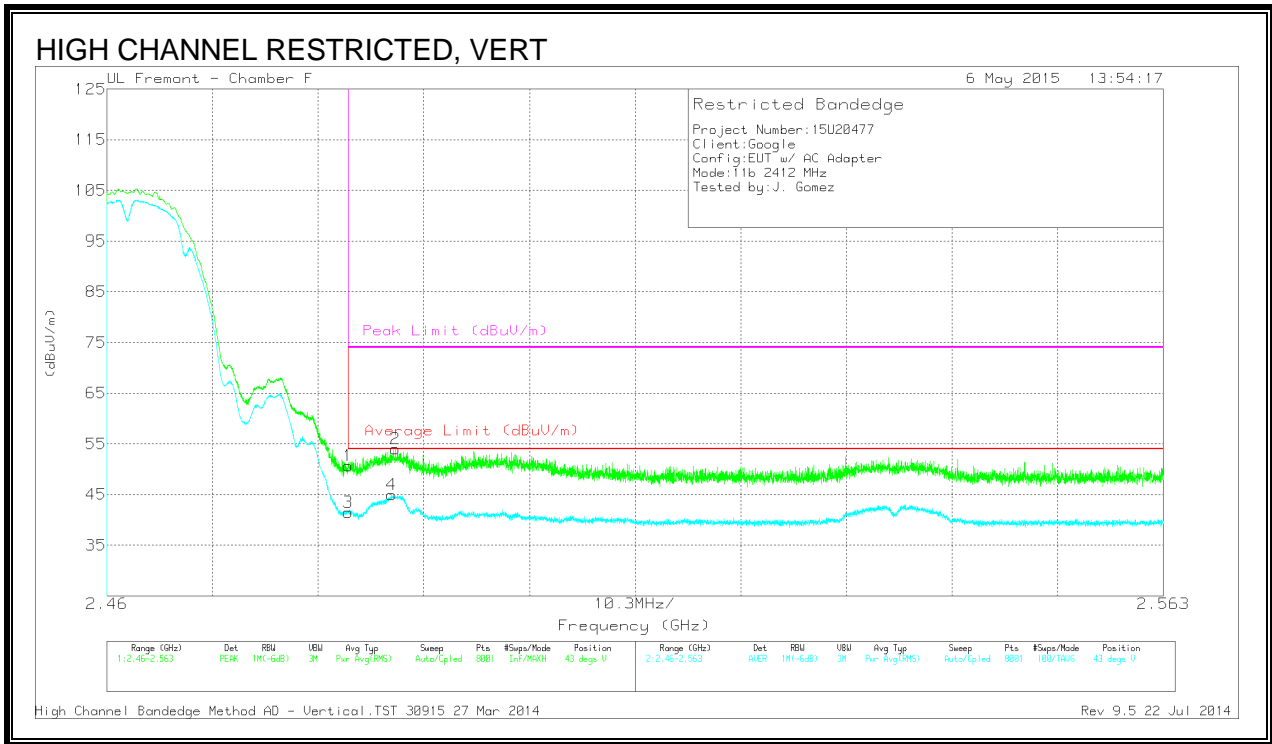


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	36.76	PK	32.2	-20.9	48.06	-	-	74	-25.94	177	198	H
2	* 2.489	41.12	PK	32.2	-20.9	52.42	-	-	74	-21.58	177	198	H
3	* 2.484	30.01	RMS	32.2	-20.9	41.31	54	-12.69	-	-	177	198	H
4	* 2.488	32.24	RMS	32.2	-20.9	43.54	54	-10.46	-	-	177	198	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/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	39.38	PK	32.2	-20.9	50.68	-	-	74	-23.32	43	159	V
2	* 2.488	42.7	PK	32.2	-20.9	54	-	-	74	-20	43	159	V
3	* 2.484	30.14	RMS	32.2	-20.9	41.44	54	-12.56	-	-	43	159	V
4	* 2.488	33.63	RMS	32.2	-20.9	44.93	54	-9.07	-	-	43	159	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

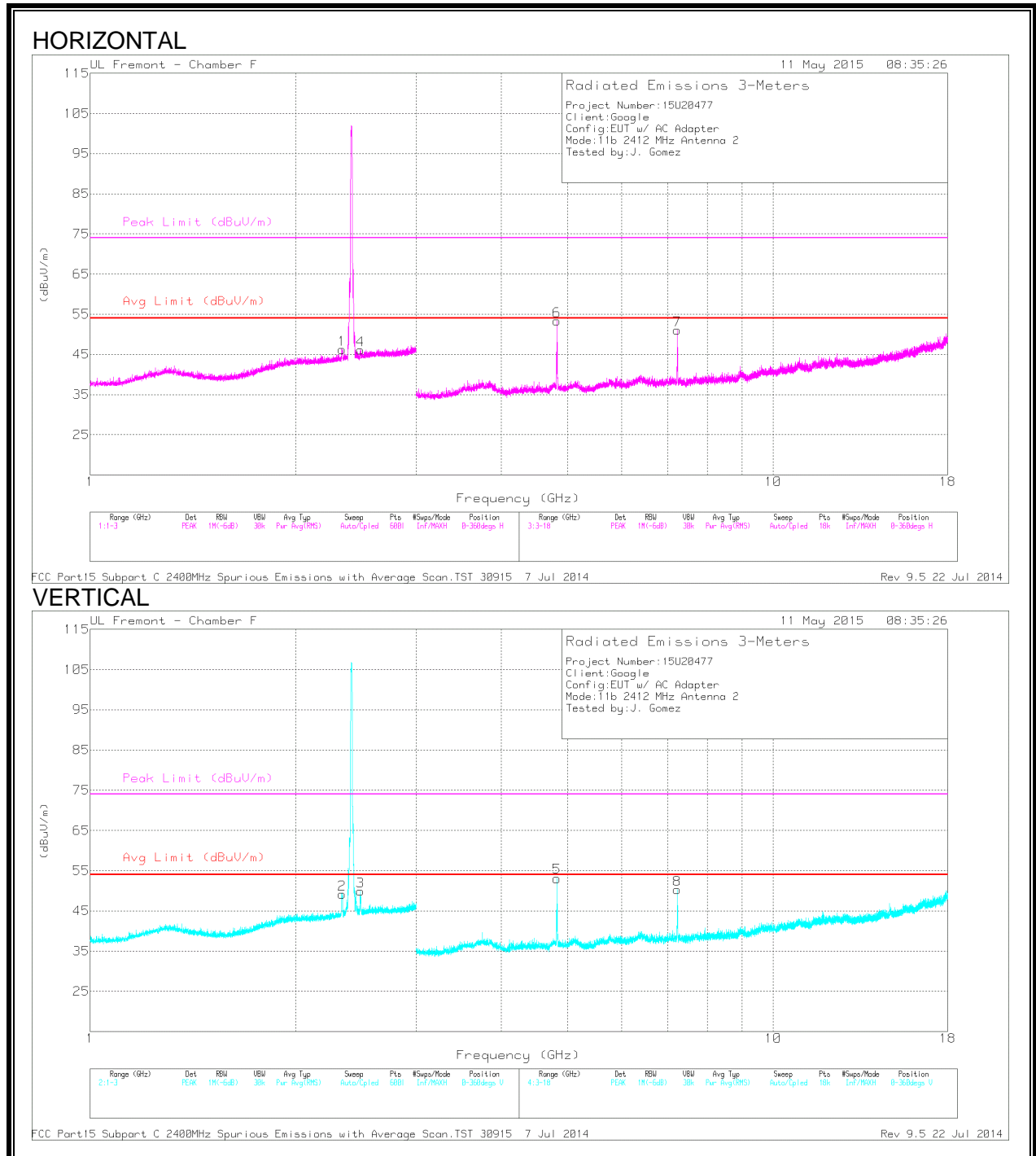
PK - Peak detector

RMS - RMS detection



**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL**



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/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	* 2.34	35.47	PK	31.8	-21	46.27	-	-	74	-27.73	0-360	201	H
4	* 2.486	34.81	PK	32.2	-20.9	46.11	-	-	74	-27.89	0-360	101	H
2	* 2.338	38.4	PK	31.8	-21	49.2	-	-	74	-24.8	0-360	101	V
3	* 2.486	38.67	PK	32.2	-20.9	49.97	-	-	74	-24.03	0-360	101	V
6	* 4.824	52.59	PK	34.1	-27.6	55.09	-	-	74	-18.91	0-360	100	H
7	7.236	41.81	PK	35.6	-26.4	51.01	-	-	-	-	0-360	100	H
5	* 4.824	51.96	PK	34.1	-27.6	53.46	-	-	74	-20.54	0-360	201	V
8	7.236	41.11	PK	35.6	-26.4	50.31	-	-	-	-	0-360	101	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

Radiated Emissions

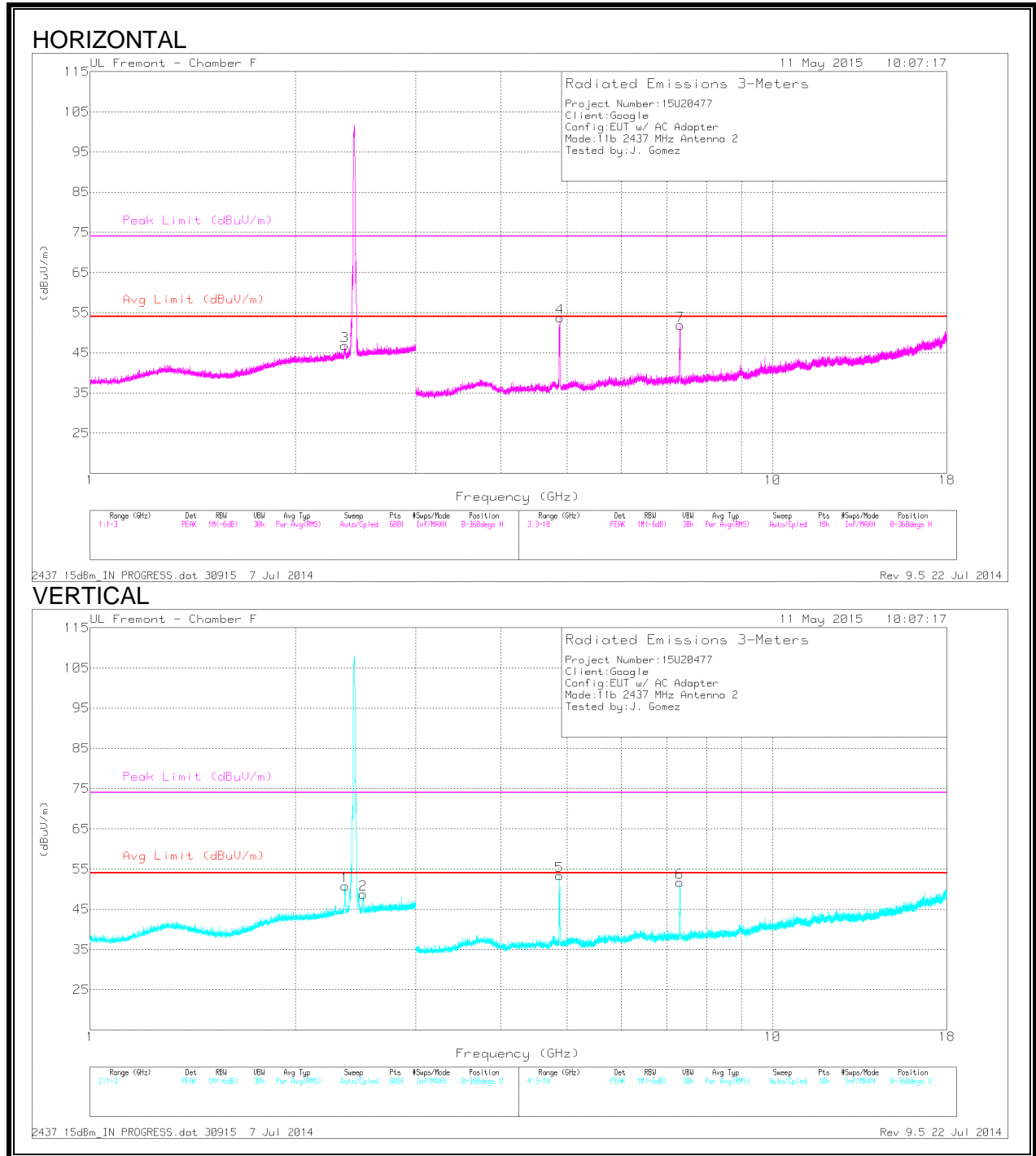
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.339	44.32	PK2	31.8	-21	55.12	-	-	74	-18.88	211	258	H
* 2.339	33.46	MAv1	31.8	-21	44.26	54	-9.74	-	-	211	258	H
* 2.498	43.31	PK2	32.3	-20.9	54.71	-	-	74	-19.29	209	224	H
* 2.485	31.89	MAv1	32.2	-20.9	43.19	54	-10.81	-	-	209	224	H
* 2.336	46.3	PK2	31.8	-21	57.1	-	-	74	-16.9	194	105	V
* 2.338	37.65	MAv1	31.8	-21	48.45	54	-5.55	-	-	194	105	V
* 2.487	45.2	PK2	32.2	-20.9	56.5	-	-	74	-17.5	189	170	V
* 2.488	36.46	MAv1	32.2	-20.9	47.76	54	-6.24	-	-	189	170	V
* 4.824	48.64	PK2	34.1	-27.6	55.14	-	-	74	-18.86	106	154	H
* 4.824	43.92	MAv1	34.1	-27.6	50.42	54	-3.58	-	-	106	154	H
* 4.824	47.12	PK2	34.1	-27.6	53.62	-	-	74	-20.38	212	202	V
* 4.824	41.72	MAv1	34.1	-27.6	48.22	54	-5.78	-	-	212	202	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-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/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	* 2.36	35.74	PK	31.9	-20.9	46.74	-	-	74	-27.26	0-360	100	H
1	* 2.364	39.75	PK	31.9	-20.9	50.75	-	-	74	-23.25	0-360	101	V
2	2.513	37.45	PK	32.3	-21	48.75	-	-	-	-	0-360	101	V
4	* 4.874	47.85	PK	34.1	-27.8	54.15	-	-	74	-19.85	0-360	100	H
7	* 7.311	45.72	PK	35.7	-26.3	55.12	-	-	74	-18.88	0-360	100	H
5	* 4.874	45.18	PK	34.1	-27.8	51.48	-	-	74	-22.52	0-360	101	V
6	* 7.31	45.18	PK	35.7	-26.3	54.58	-	-	74	-19.42	0-360	201	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

Radiated Emissions

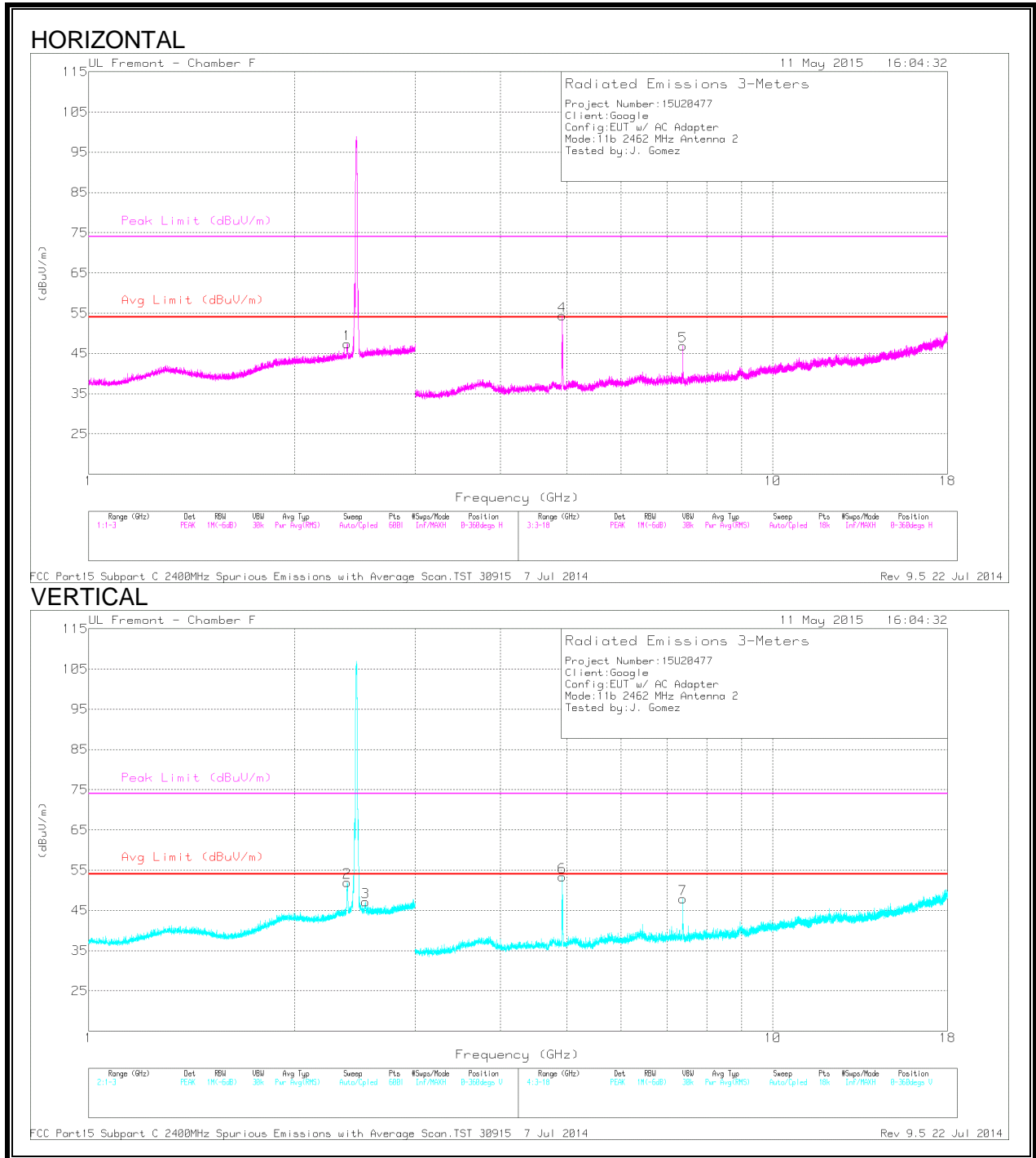
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.359	43.51	PK2	31.9	-20.9	54.51	-	-	74	-19.49	200	136	H
* 2.364	32.51	MAV1	31.9	-20.9	43.51	54	-10.49	-	-	200	136	H
* 2.364	45.73	PK2	31.9	-20.9	56.73	-	-	74	-17.27	175	105	V
* 2.364	37.48	MAV1	31.9	-20.9	48.48	54	-5.52	-	-	175	105	V
* 7.311	42.62	PK2	35.7	-26.3	52.02	-	-	74	-21.98	214	137	H
* 7.312	35.06	MAV1	35.7	-26.3	44.46	54	-9.54	-	-	214	137	H
* 4.875	62.14	PK2	34.1	-27.8	68.44	-	-	74	-5.56	36	150	H
* 4.875	45.23	MAV1	34.1	-27.8	51.53	54	-2.47	-	-	36	150	H
* 4.874	47.18	PK2	34.1	-27.8	53.48	-	-	74	-20.52	159	114	V
* 4.874	44.29	MAV1	34.1	-27.8	50.59	54	-3.41	-	-	159	114	V
* 7.314	51.41	PK2	35.7	-26.3	60.81	-	-	74	-13.19	204	201	V
* 7.311	37.13	MAV1	35.7	-26.3	46.53	54	-7.47	-	-	204	201	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

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
1	* 2.387	36.35	PK	31.9	-20.9	47.35	-	-	74	-26.65	0-360	201	H
2	* 2.387	41.01	PK	31.9	-20.9	52.01	-	-	74	-21.99	0-360	101	V
3	2.539	35.61	PK	32.4	-20.9	47.11	-	-	-	-	0-360	101	V
4	* 4.924	49.62	PK	34.1	-28.6	55.12	-	-	74	-18.88	0-360	201	H
5	* 7.386	36.91	PK	35.7	-25.7	46.91	-	-	74	-27.09	0-360	100	H
6	* 4.924	48.45	PK	34.1	-28.6	53.95	-	-	74	-20.05	0-360	201	V
7	* 7.385	37.91	PK	35.7	-25.7	47.91	-	-	74	-26.09	0-360	201	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

Radiated Emissions

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
* 2.385	43.19	PK2	31.9	-20.9	54.19	-	-	74	-19.81	202	200	H
* 2.388	33.03	MAV1	31.9	-20.9	44.03	54	-9.97	-	-	202	200	H
* 2.386	45.88	PK2	31.9	-20.9	56.88	-	-	74	-17.12	179	103	V
* 2.386	37.49	MAV1	31.9	-20.9	48.49	54	-5.51	-	-	179	103	V
* 4.924	50.11	PK2	34.1	-28.6	55.61	-	-	74	-18.39	40	167	H
* 4.924	47.46	MAV1	34.1	-28.6	52.96	54	-1.04	-	-	40	167	H
* 7.386	39.13	PK2	35.7	-25.7	49.13	-	-	74	-24.87	147	144	H
* 7.387	30.9	MAV1	35.7	-25.7	40.9	54	-13.1	-	-	147	144	H
* 4.924	48.57	PK2	34.1	-28.6	54.07	-	-	74	-19.93	11	249	V
* 4.924	45.03	MAV1	34.1	-28.6	50.53	54	-3.47	-	-	11	249	V
* 7.388	40.23	PK2	35.7	-25.7	50.23	-	-	74	-23.77	110	176	V
* 7.387	33	MAV1	35.7	-25.7	43	54	-11	-	-	110	176	V

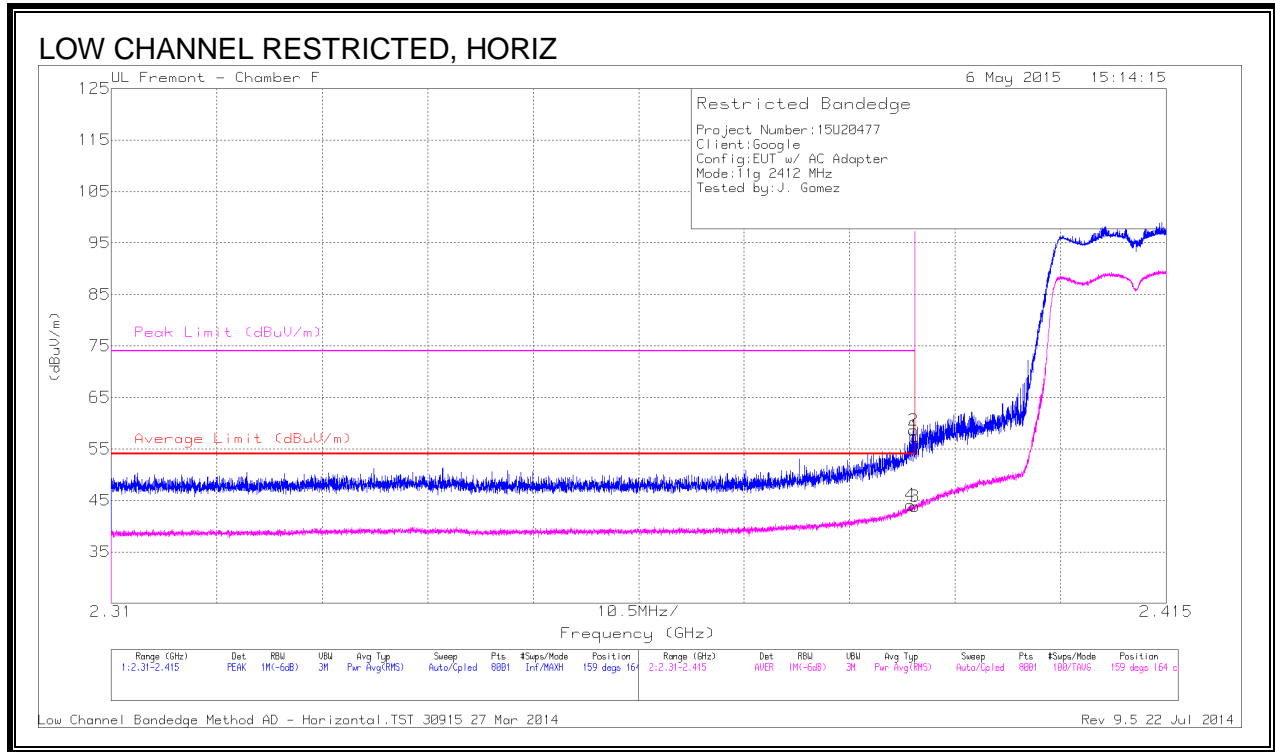
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

### 9.2.3. TX ABOVE 1 GHz 802.11g IN THE 2.4 GHz BAND ANTENNA 1

#### RESTRICTED BANDEDGE (LOW CHANNEL)

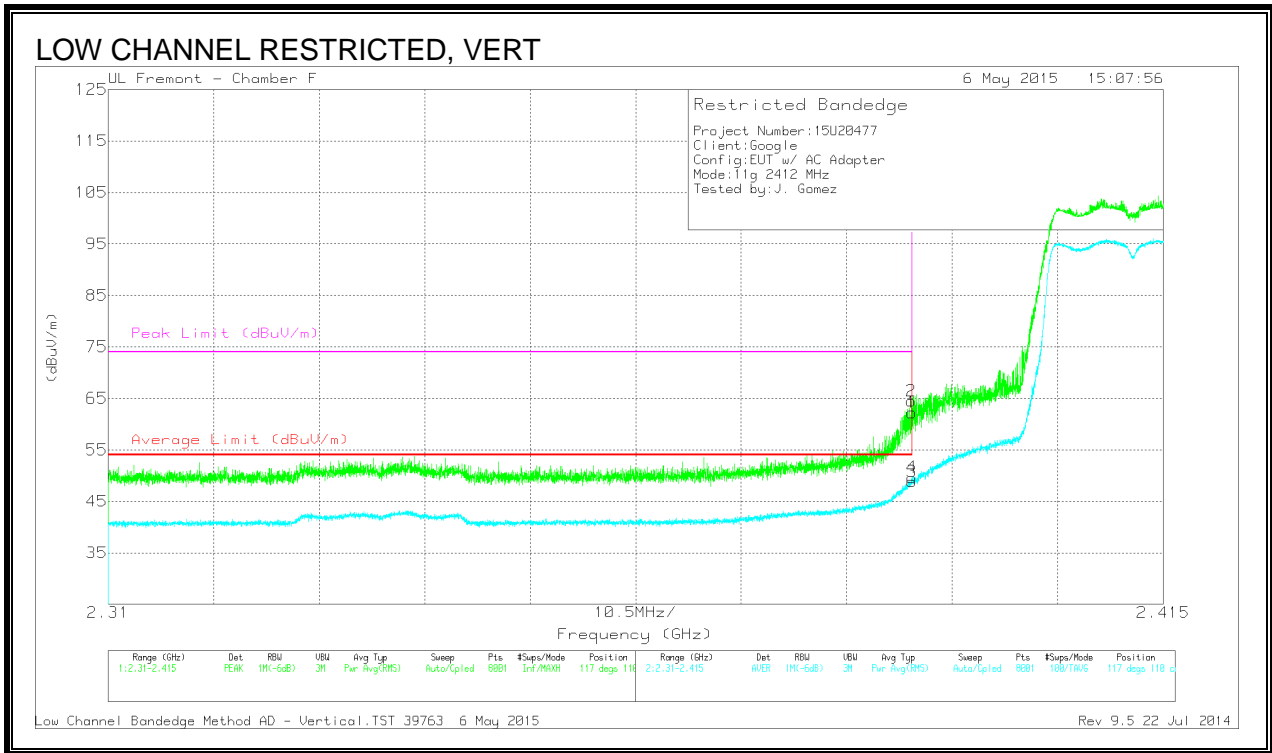


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	46.49	PK	31.9	-20.9	57.49	-	-	74	-16.51	159	164	H
2	* 2.39	47.6	PK	31.9	-20.9	58.6	-	-	74	-15.4	159	164	H
3	* 2.39	32.86	RMS	31.9	-20.9	43.86	54	-10.14	-	-	159	164	H
4	* 2.39	33.11	RMS	31.9	-20.9	44.11	54	-9.89	-	-	159	164	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/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	51.25	PK	31.9	-20.9	62.25	-	-	74	-11.75	117	110	V
2	* 2.39	53.51	PK	31.9	-20.9	64.51	-	-	74	-9.49	117	110	V
3	* 2.39	37.85	RMS	31.9	-20.9	48.85	54	-5.15	-	-	117	110	V
4	* 2.39	38.61	RMS	31.9	-20.9	49.61	54	-4.39	-	-	117	110	V

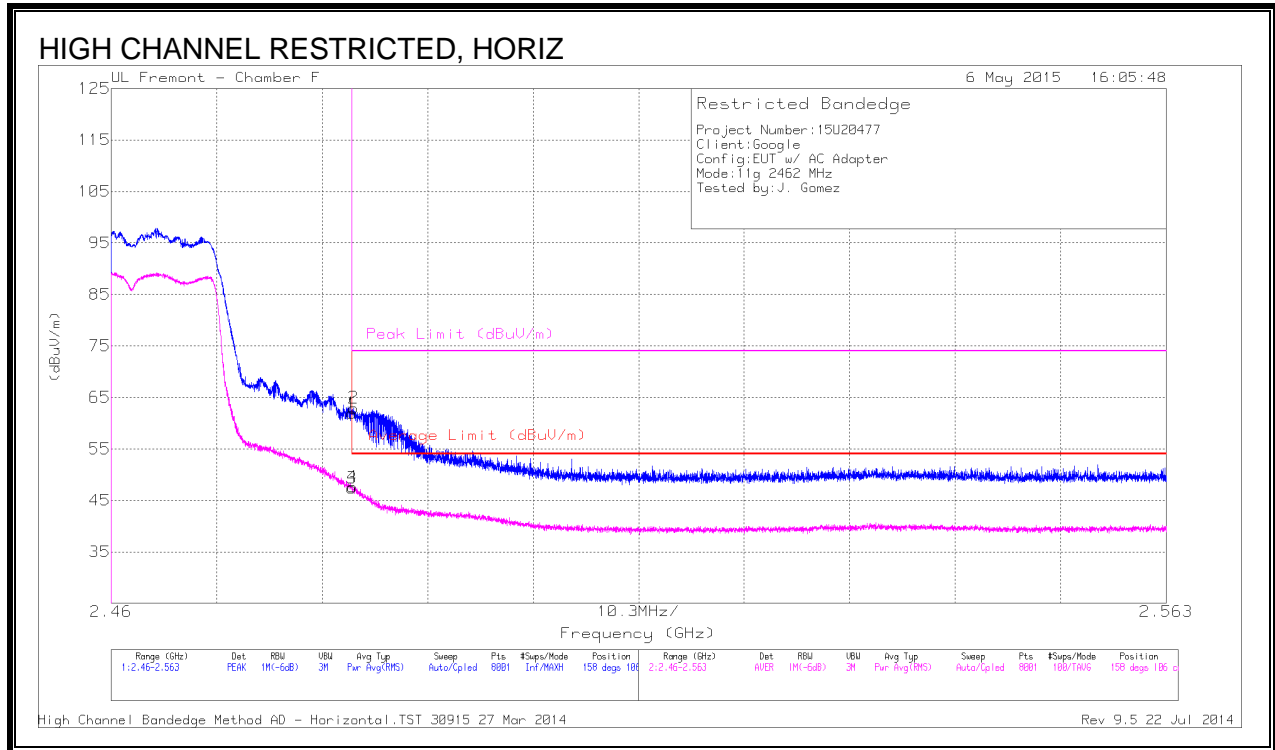
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



**AUTHORIZED BANDEDGE (HIGH CHANNEL)**

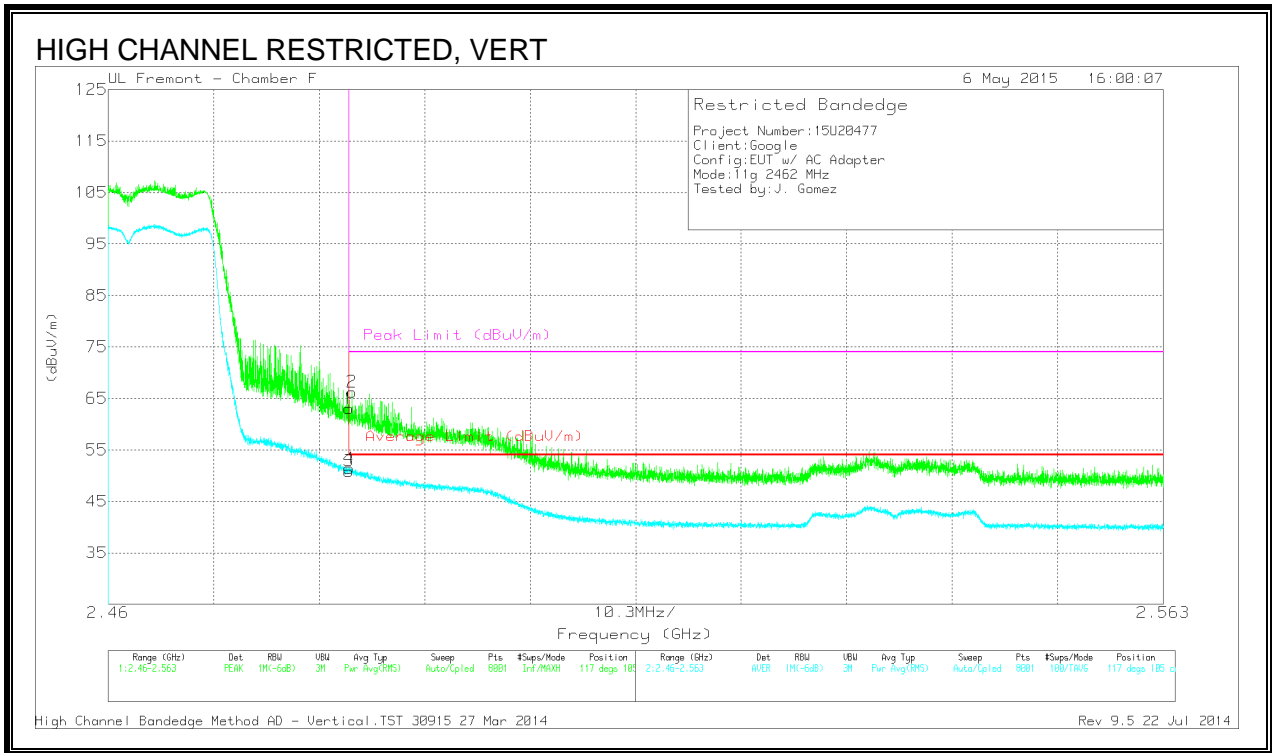


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	50.64	PK	32.2	-20.9	61.94	-	-	74	-12.06	158	106	H
2	* 2.484	51.65	PK	32.2	-20.9	62.95	-	-	74	-11.05	158	106	H
3	* 2.484	36.06	RMS	32.2	-20.9	47.36	54	-6.64	-	-	158	106	H
4	* 2.484	36.34	RMS	32.2	-20.9	47.64	54	-6.36	-	-	158	106	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-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	* 2.484	51.76	PK	32.2	-20.9	63.06	-	-	74	-10.94	117	105	V
2	* 2.484	54.95	PK	32.2	-20.9	66.25	-	-	74	-7.75	117	105	V
3	* 2.484	39.57	RMS	32.2	-20.9	50.87	54	-3.13	-	-	117	105	V
4	* 2.484	40.12	RMS	32.2	-20.9	51.42	54	-2.58	-	-	117	105	V

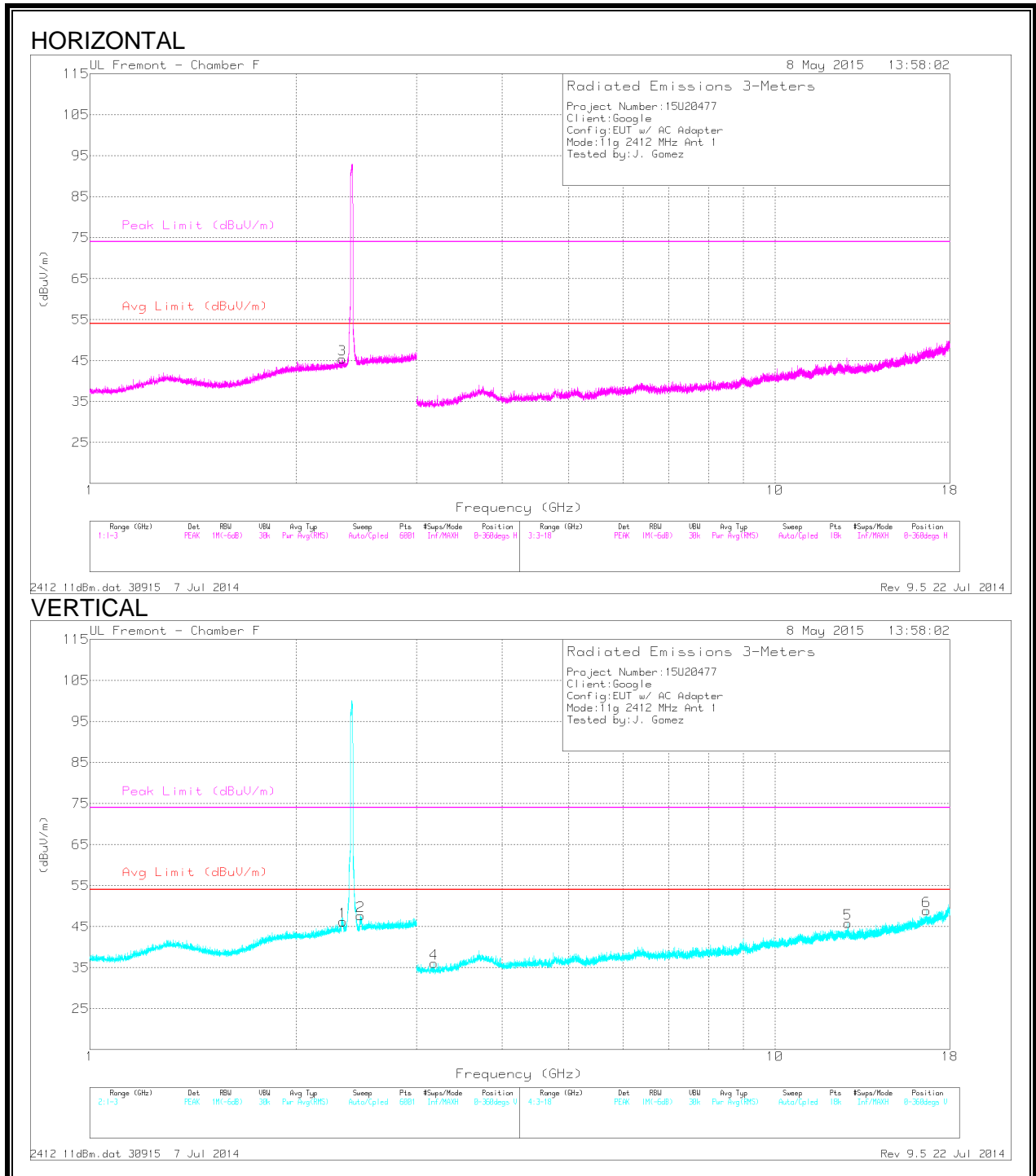
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

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/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	* 2.338	34.61	PK	31.8	-21	45.41	-	-	74	-28.59	0-360	201	H
1	* 2.342	35.44	PK	31.8	-21	46.24	-	-	74	-27.76	0-360	101	V
2	* 2.484	36.37	PK	32.2	-20.9	47.67	-	-	74	-26.33	0-360	101	V
4	3.179	32.07	PK	33.1	-29.1	36.07	-	-	-	-	0-360	201	V
5	12.783	29.19	PK	39.3	-22.7	45.79	-	-	-	-	0-360	101	V
6	16.642	27.81	PK	41.2	-20.1	48.91	-	-	-	-	0-360	101	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

Radiated Emissions

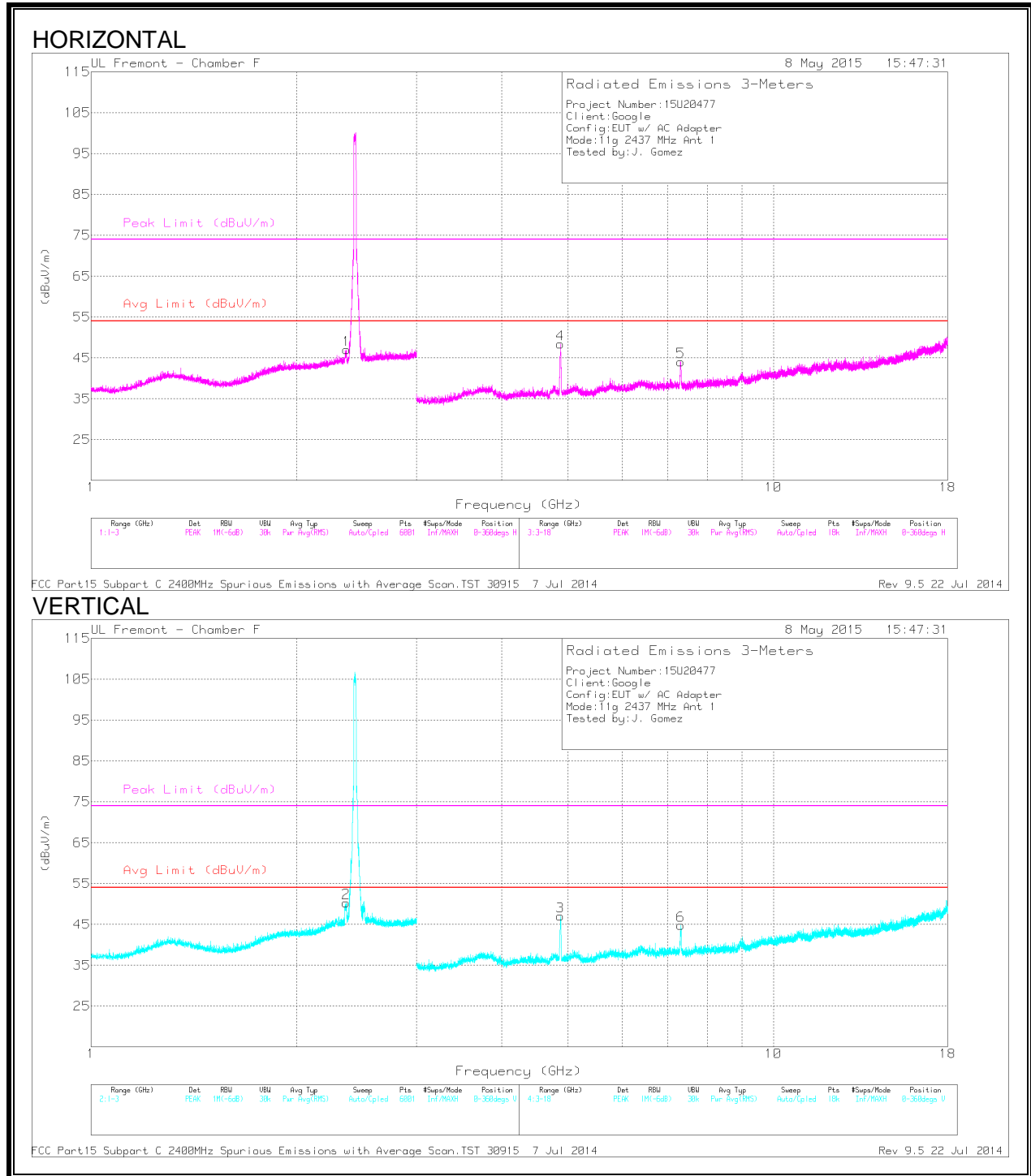
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.338	42.27	PK2	31.8	-21	53.07	-	-	74	-20.93	267	130	H
* 2.339	30.7	MAv1	31.8	-21	41.5	54	-12.5	-	-	267	130	H
* 2.335	45.78	PK2	31.8	-21	56.58	-	-	74	-17.42	182	146	V
* 2.339	33.88	MAv1	31.8	-21	44.68	54	-9.32	-	-	182	146	V
* 2.485	44.89	PK2	32.2	-20.9	56.19	-	-	74	-17.81	304	135	V
* 2.484	33.91	MAv1	32.2	-20.9	45.21	54	-8.79	-	-	304	135	V
* 4.926	44.72	PK2	34.1	-28.7	50.12	-	-	74	-23.88	224	185	V
* 4.924	32.66	MAv1	34.1	-28.6	38.16	54	-15.84	-	-	224	185	V
* 7.402	39.41	PK2	35.7	-25.6	49.51	-	-	74	-24.49	204	202	V
* 7.389	27.71	MAv1	35.7	-25.6	37.81	54	-16.19	-	-	204	202	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-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/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	* 2.37	36.1	PK	31.9	-21	47	-	-	74	-27	0-360	201	H
2	* 2.364	39.31	PK	31.9	-20.9	50.31	-	-	74	-23.69	0-360	101	V
4	* 4.875	42.07	PK	34.1	-27.8	48.37	-	-	74	-25.63	0-360	101	H
5	* 7.311	34.67	PK	35.7	-26.3	44.07	-	-	74	-29.93	0-360	201	H
3	* 4.873	40.69	PK	34.1	-27.8	46.99	-	-	74	-27.01	0-360	201	V
6	* 7.316	35.39	PK	35.7	-26.3	44.79	-	-	74	-29.21	0-360	101	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

Radiated Emissions

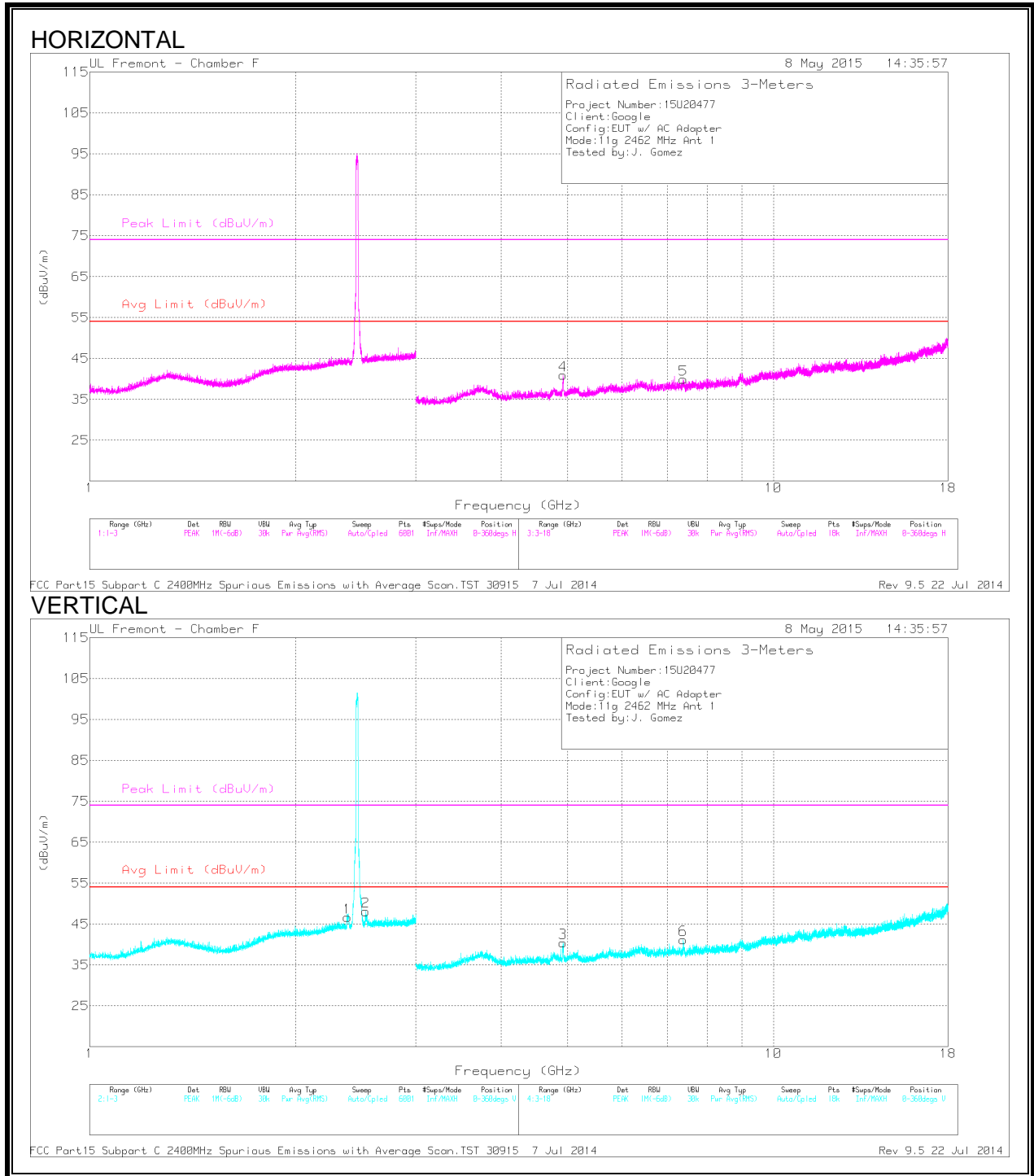
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.383	45.66	PK2	31.9	-20.9	56.66	-	-	74	-17.34	159	200	H
* 2.364	34.17	MAv1	31.9	-20.9	45.17	54	-8.83	-	-	159	200	H
* 2.377	48.38	PK2	31.9	-20.9	59.38	-	-	74	-14.62	149	102	V
* 2.365	37.7	MAv1	31.9	-20.9	48.7	54	-5.3	-	-	149	102	V
* 4.873	52.62	PK2	34.1	-27.8	58.92	-	-	74	-15.08	0	189	H
* 4.874	39.96	MAv1	34.1	-27.8	46.26	54	-7.74	-	-	0	189	H
* 7.306	47.1	PK2	35.7	-26.3	56.5	-	-	74	-17.5	94	236	H
* 7.314	34.63	MAv1	35.7	-26.3	44.03	54	-9.97	-	-	94	236	H
* 4.874	49.55	PK2	34.1	-27.8	55.85	-	-	74	-18.15	227	226	V
* 4.874	37.75	MAv1	34.1	-27.8	44.05	54	-9.95	-	-	227	226	V
* 7.308	45.89	PK2	35.7	-26.3	55.29	-	-	74	-18.71	242	135	V
* 7.311	34.01	MAv1	35.7	-26.3	43.41	54	-10.59	-	-	242	135	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

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
1	* 2.383	35.66	PK	31.9	-20.9	46.66	-	-	74	-27.34	0-360	101	V
2	2.535	36.6	PK	32.4	-20.9	48.1	-	-	-	-	0-360	201	V
4	* 4.923	35.44	PK	34.1	-28.6	40.94	-	-	74	-33.06	0-360	201	H
5	* 7.384	29.91	PK	35.7	-25.7	39.91	-	-	74	-34.09	0-360	201	H
3	* 4.924	34.94	PK	34.1	-28.6	40.44	-	-	74	-33.56	0-360	201	V
6	* 7.382	31.29	PK	35.7	-25.8	41.19	-	-	74	-32.81	0-360	201	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

Radiated Emissions

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
* 2.39	45.39	PK2	31.9	-20.9	56.39	-	-	74	-17.61	316	103	V
* 2.39	34.46	MAV1	31.9	-20.9	45.46	54	-8.54	-	-	316	103	V
* 4.924	45.47	PK2	34.1	-28.6	50.97	-	-	74	-23.03	338	269	H
* 4.924	32.76	MAV1	34.1	-28.6	38.26	54	-15.74	-	-	338	269	H
* 7.383	37.9	PK2	35.7	-25.7	47.9	-	-	74	-26.1	118	275	H
* 7.389	26.91	MAV1	35.7	-25.6	37.01	54	-16.99	-	-	118	275	H
* 4.926	44.72	PK2	34.1	-28.7	50.12	-	-	74	-23.88	224	185	V
* 4.924	32.66	MAV1	34.1	-28.6	38.16	54	-15.84	-	-	224	185	V
* 7.402	39.41	PK2	35.7	-25.6	49.51	-	-	74	-24.49	204	202	V
* 7.389	27.71	MAV1	35.7	-25.6	37.81	54	-16.19	-	-	204	202	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

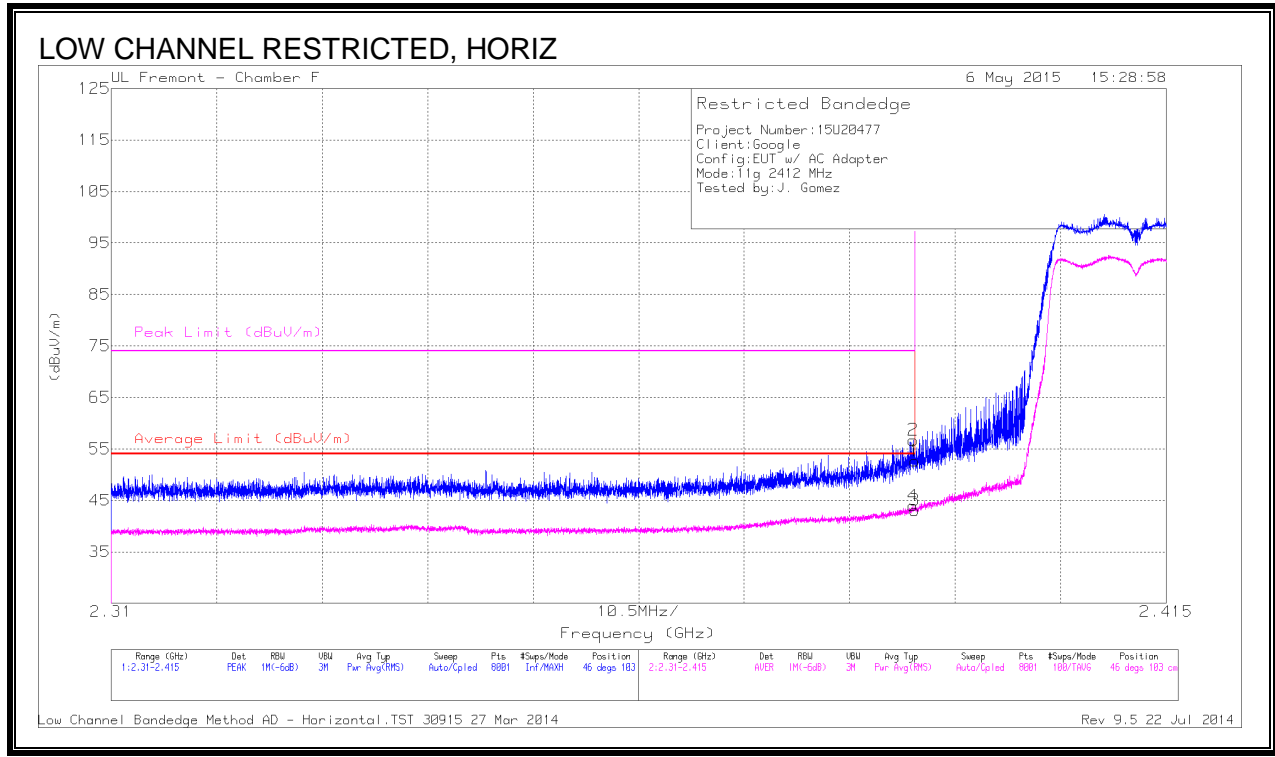
PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average



### 9.2.4. TX ABOVE 1 GHz 802.11g IN THE 2.4 GHz BAND ANTENNA 2

#### RESTRICTED BANDEDGE (LOW CHANNEL)

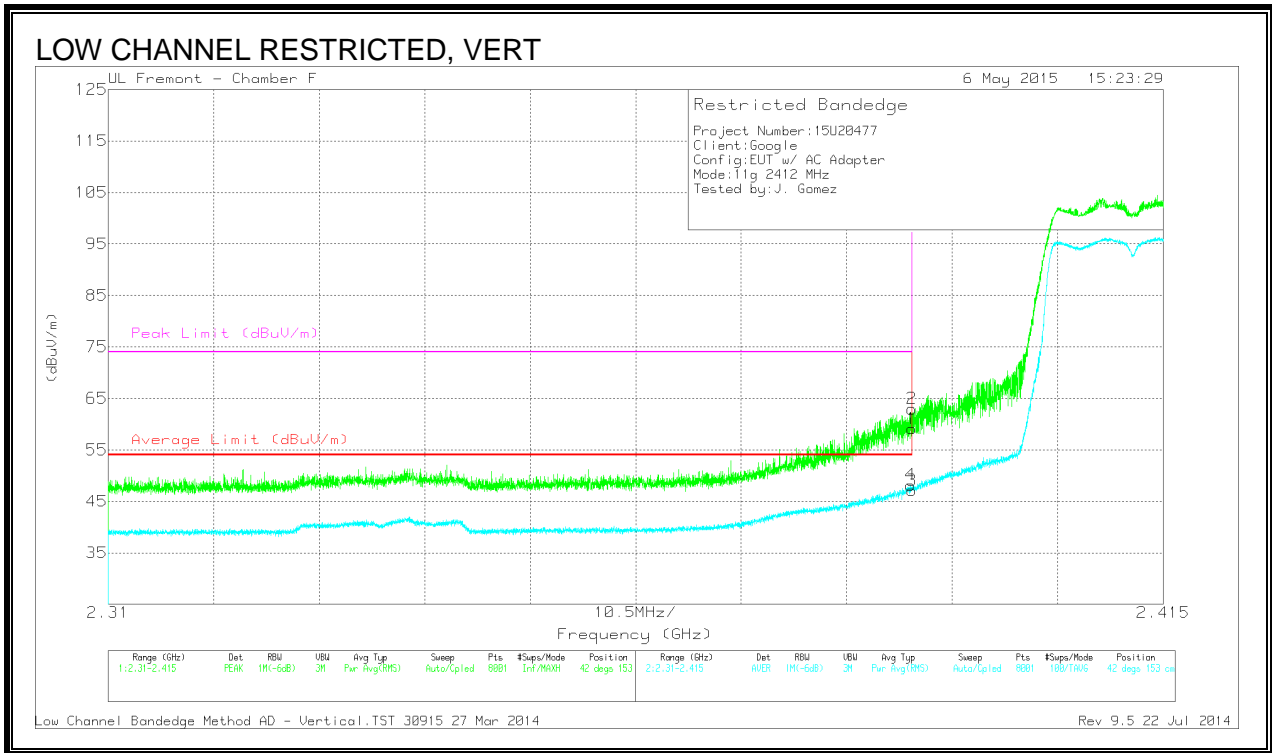


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	41.69	PK	31.9	-20.9	52.69	-	-	74	-21.31	46	103	H
2	* 2.39	45.73	PK	31.9	-20.9	56.73	-	-	74	-17.27	46	103	H
3	* 2.39	32.08	RMS	31.9	-20.9	43.08	54	-10.92	-	-	46	103	H
4	* 2.39	32.97	RMS	31.9	-20.9	43.97	54	-10.03	-	-	46	103	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



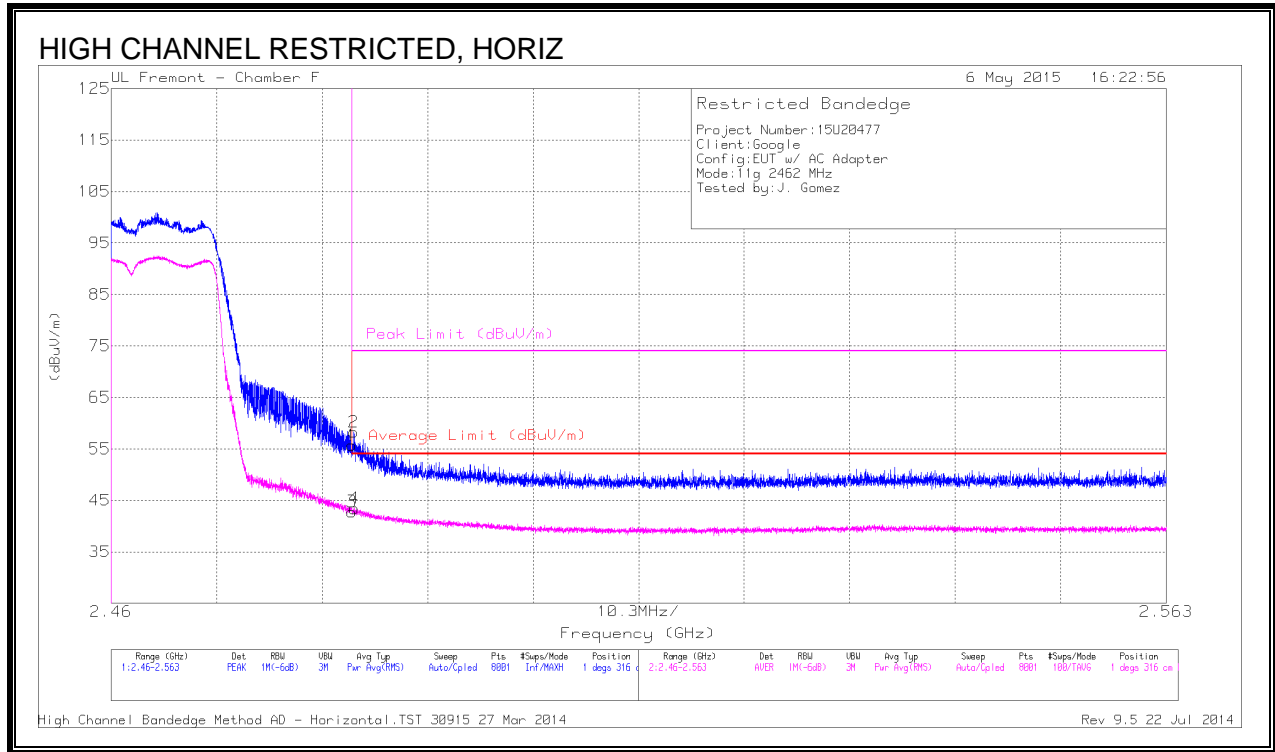
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	48.11	PK	31.9	-20.9	59.11	-	-	74	-14.89	42	153	V
2	* 2.39	51.98	PK	31.9	-20.9	62.98	-	-	74	-11.02	42	153	V
3	* 2.39	36.12	RMS	31.9	-20.9	47.12	54	-6.88	-	-	42	153	V
4	* 2.39	37.18	RMS	31.9	-20.9	48.18	54	-5.82	-	-	42	153	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection

**AUTHORIZED BANDEDGE (HIGH CHANNEL)**

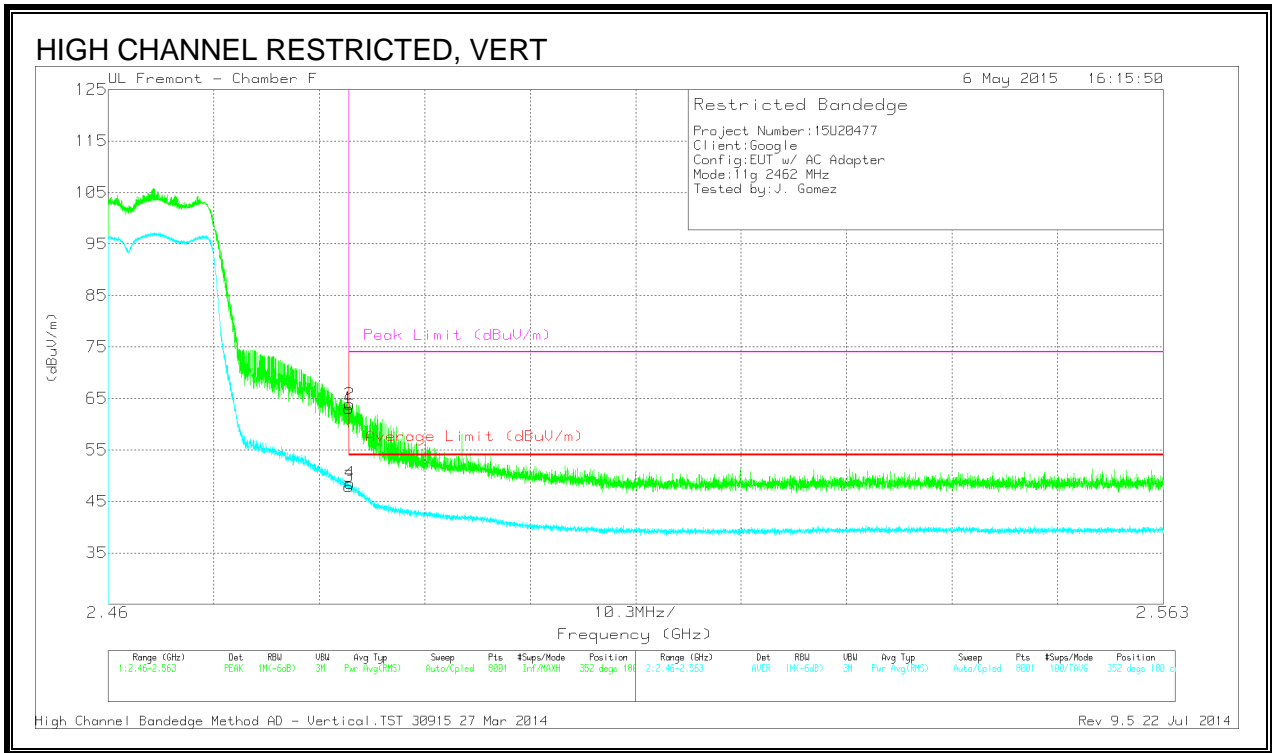


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.39	PK	32.2	-20.9	55.69	-	-	74	-18.31	1	316	H
2	* 2.484	46.96	PK	32.2	-20.9	58.26	-	-	74	-15.74	1	316	H
3	* 2.484	31.48	RMS	32.2	-20.9	42.78	54	-11.22	-	-	1	316	H
4	* 2.484	32.14	RMS	32.2	-20.9	43.44	54	-10.56	-	-	1	316	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-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	* 2.484	51.79	PK	32.2	-20.9	63.09	-	-	74	-10.91	352	180	V
2	* 2.484	52.58	PK	32.2	-20.9	63.88	-	-	74	-10.12	352	180	V
3	* 2.484	36.58	RMS	32.2	-20.9	47.88	54	-6.12	-	-	352	180	V
4	* 2.484	37.25	RMS	32.2	-20.9	48.55	54	-5.45	-	-	352	180	V

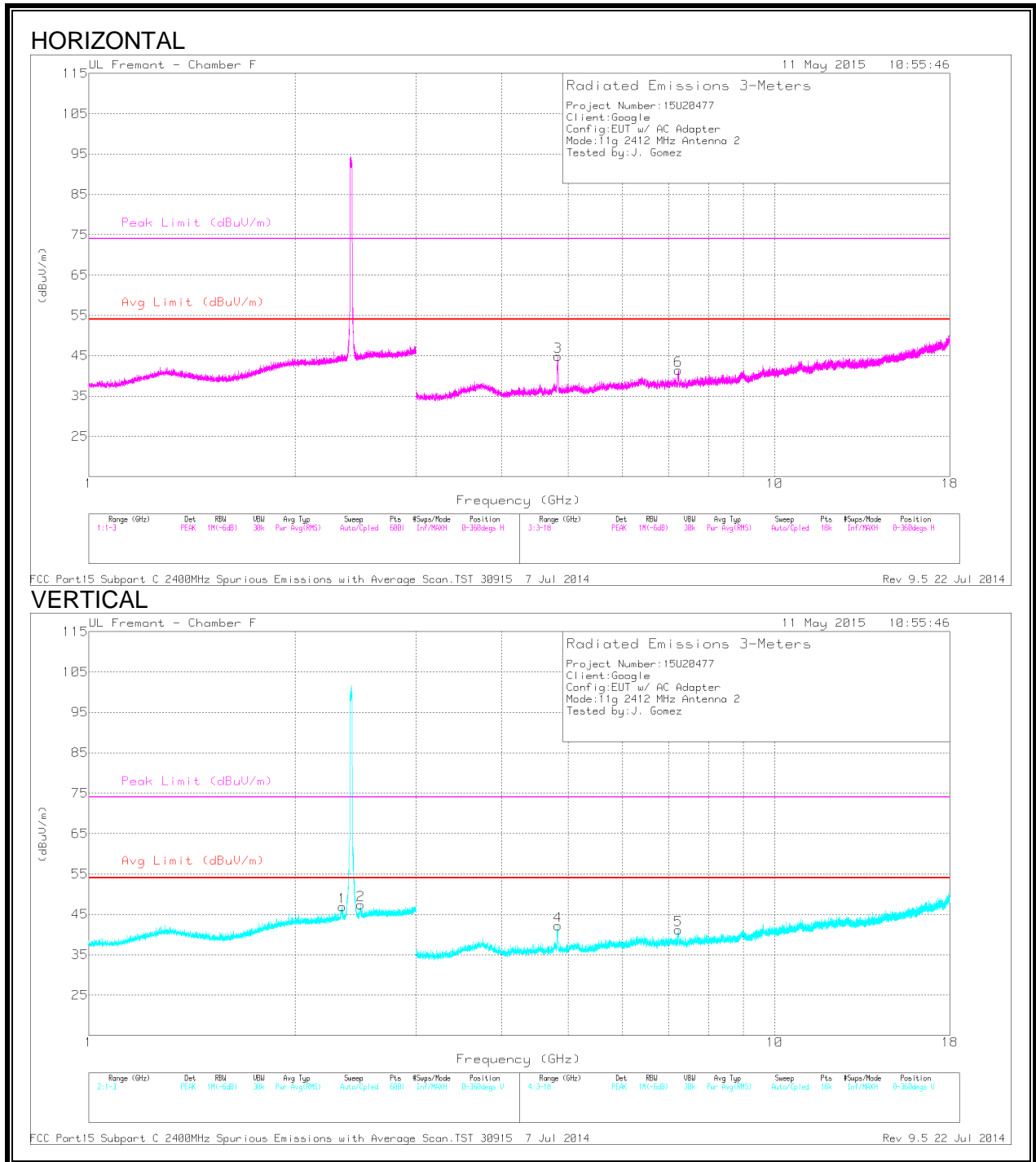
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

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/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	* 2.34	36.09	PK	31.8	-21	46.89	-	-	74	-27.11	0-360	101	V
2	* 2.49	36.04	PK	32.2	-20.9	47.34	-	-	74	-26.66	0-360	101	V
3	* 4.826	38.37	PK	34.1	-27.6	44.87	-	-	74	-29.13	0-360	201	H
6	7.236	32.25	PK	35.6	-26.4	41.45	-	-	-	-	0-360	101	H
4	* 4.829	35.81	PK	34.1	-27.7	42.21	-	-	74	-31.79	0-360	201	V
5	7.229	31.81	PK	35.6	-26.3	41.11	-	-	-	-	0-360	201	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

Radiated Emissions

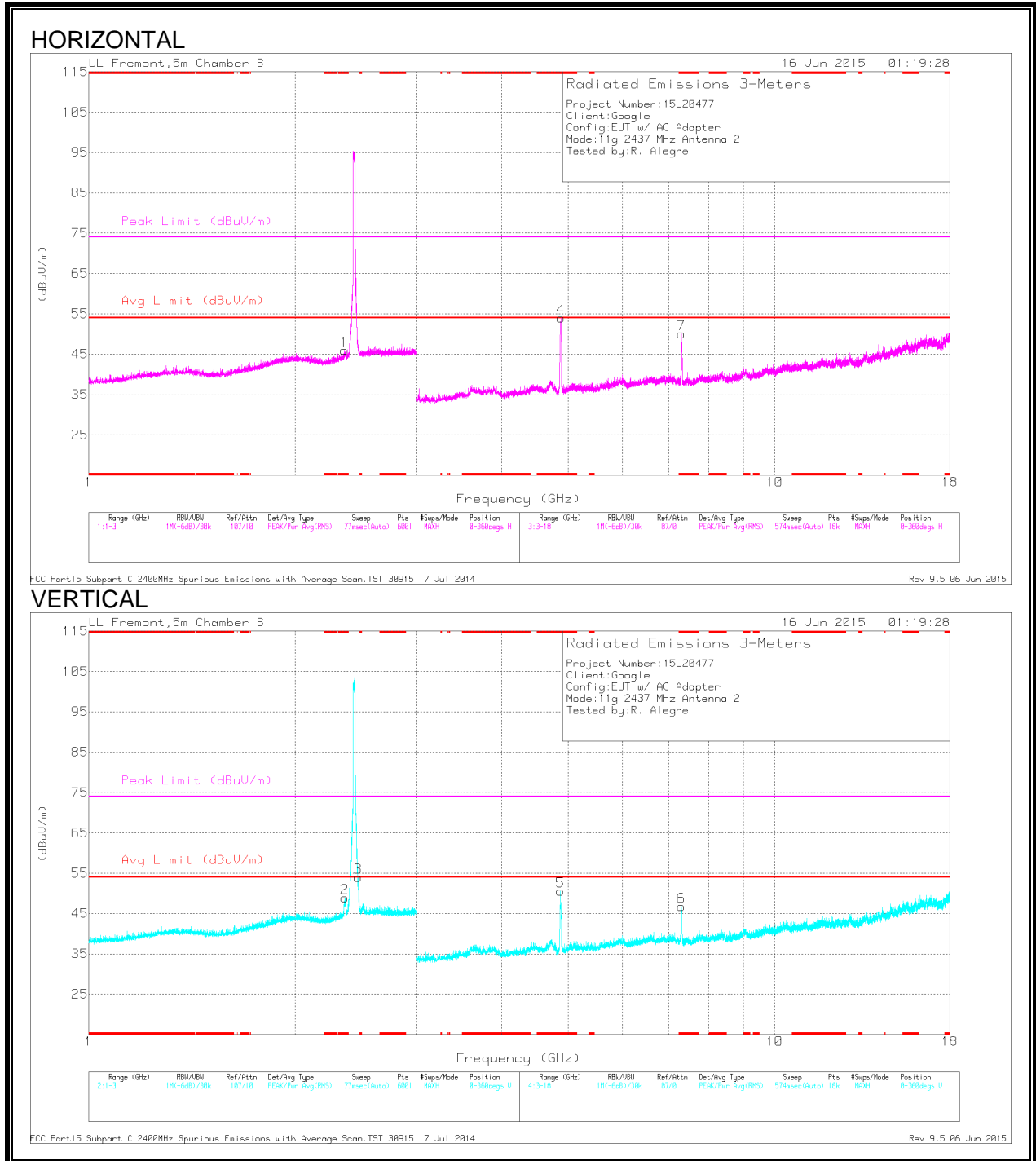
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.338	43.86	PK2	31.8	-21	54.66	-	-	74	-19.34	263	129	V
* 2.339	32.63	MAV1	31.8	-21	43.43	54	-10.57	-	-	263	129	V
* 2.486	44.56	PK2	32.2	-20.9	55.86	-	-	74	-18.14	189	210	V
* 2.484	33.25	MAV1	32.2	-20.9	44.55	54	-9.45	-	-	189	210	V
* 4.831	52.48	PK2	34.1	-27.7	58.88	-	-	74	-15.12	7	155	H
* 4.824	34.45	MAV1	34.1	-27.6	40.95	54	-13.05	-	-	7	155	H
* 4.824	50.87	PK2	34.1	-27.6	57.37	-	-	74	-16.63	59	157	V
* 4.824	33.89	MAV1	34.1	-27.6	40.39	54	-13.61	-	-	59	157	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-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 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	* 2.356	36.02	Pk	31.8	-21.8	46.02	-	-	74	-27.98	0-360	101	H
2	* 2.363	38.81	Pk	31.9	-21.8	48.91	-	-	74	-25.09	0-360	199	V
4	* 4.876	49.39	Pk	34.2	-29.6	53.99	-	-	74	-20.01	0-360	101	H
7	* 7.31	42.09	Pk	35.3	-27.4	49.99	-	-	74	-24.01	0-360	200	H
5	* 4.872	45.91	Pk	34.2	-29.6	50.51	-	-	74	-23.49	0-360	200	V
6	* 7.306	38.9	Pk	35.3	-27.4	46.8	-	-	74	-27.2	0-360	200	V
3	2.471	43.1	Pk	32.4	-21.5	54	-	-	74	-20	0-360	101	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
* 2.356	39.65	PK2	31.8	-21.8	49.65	-	-	74	-24.35	331	284	H
* 2.358	33.17	MAV1	31.8	-21.8	43.17	54	-10.83	-	-	331	284	H
* 2.365	41.79	PK2	31.9	-21.8	51.89	-	-	74	-22.11	338	105	V
* 2.365	35.32	MAV1	31.9	-21.8	45.42	54	-8.58	-	-	338	105	V
* 4.874	52.66	PK2	34.2	-29.6	57.26	-	-	74	-16.74	85	177	H
* 4.874	44.57	MAV1	34.2	-29.6	49.17	54	-4.83	-	-	85	177	H
* 7.309	45.37	PK2	35.3	-27.4	53.27	-	-	74	-20.73	43	232	H
* 7.309	36.38	MAV1	35.3	-27.4	44.28	54	-9.72	-	-	43	232	H
* 4.873	49.6	PK2	34.2	-29.6	54.2	-	-	74	-19.8	184	211	V
* 4.873	40.99	MAV1	34.2	-29.6	45.59	54	-8.41	-	-	184	211	V
* 7.308	45.05	PK2	35.3	-27.4	52.95	-	-	74	-21.05	266	250	V
* 7.308	36.1	MAV1	35.3	-27.4	44	54	-10	-	-	266	250	V
2.469	45.08	PK2	32.4	-21.5	55.98	-	-	74	-18.02	326	152	V
2.469	38.23	MAV1	32.4	-21.5	49.13	54	-4.87	-	-	326	152	V

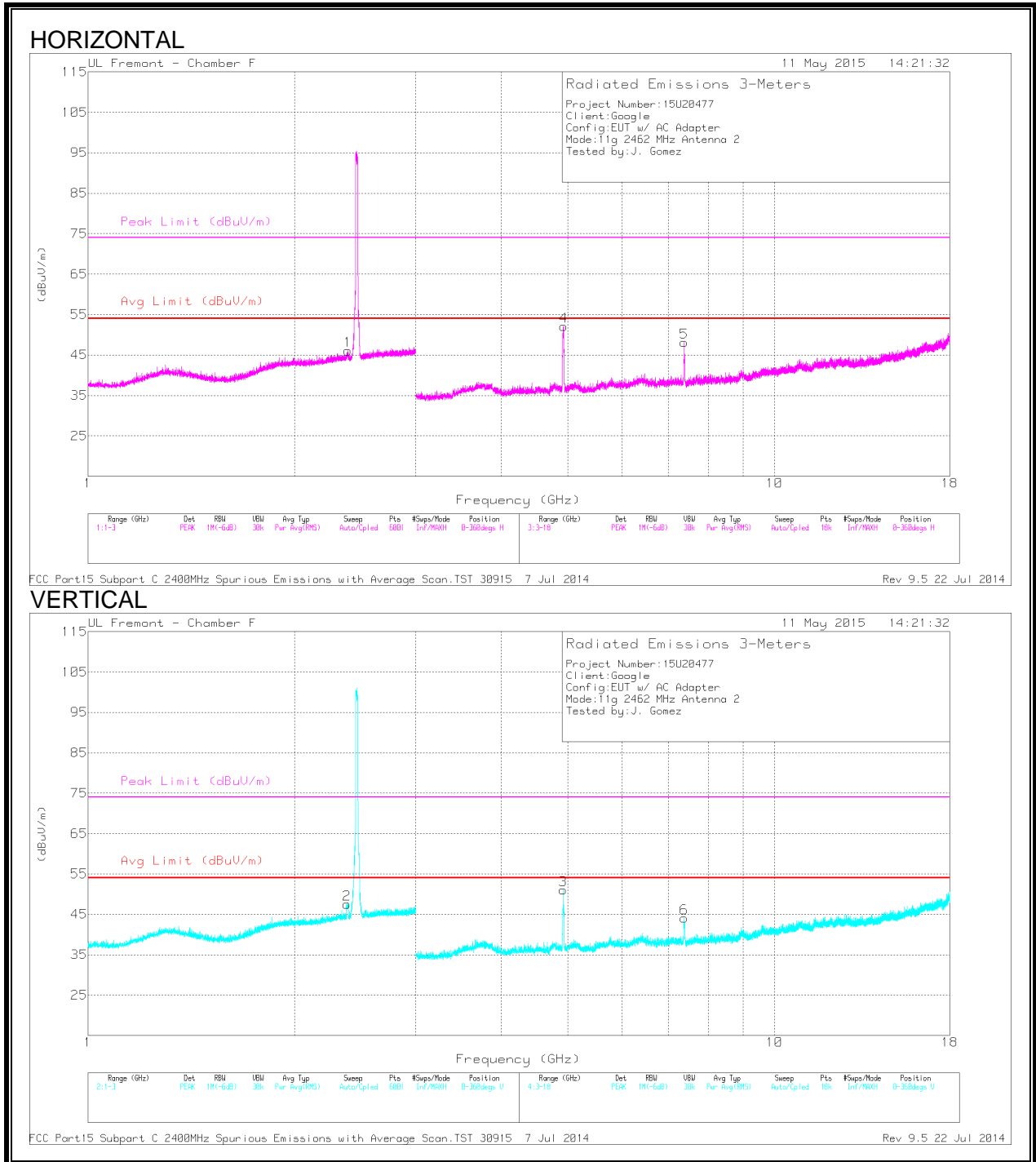
\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

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
1	2.39	35.05	PK	31.9	-20.9	46.05	-	-	-	-	0-360	201	H
2	* 2.384	36.5	PK	31.9	-20.9	47.5	-	-	74	-26.5	0-360	101	V
4	* 4.93	46.72	PK	34.1	-28.7	52.12	-	-	74	-21.88	0-360	101	H
5	* 7.388	38.19	PK	35.7	-25.7	48.19	-	-	74	-25.81	0-360	101	H
3	* 4.92	45.57	PK	34.1	-28.6	51.07	-	-	74	-22.93	0-360	201	V
6	* 7.381	34.17	PK	35.7	-25.8	44.07	-	-	74	-29.93	0-360	101	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

Radiated Emissions

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
* 2.384	44.64	PK2	31.9	-20.9	55.64	-	-	74	-18.36	203	307	H
* 2.389	33.32	MAv1	31.9	-20.9	44.32	54	-9.68	-	-	203	307	H
* 2.386	46	PK2	31.9	-20.9	57	-	-	74	-17	188	102	V
* 2.39	35.29	MAv1	31.9	-20.9	46.29	54	-7.71	-	-	188	102	V
* 4.921	59.13	PK2	34.1	-28.6	64.63	-	-	74	-9.37	63	102	H
* 4.924	41.75	MAv1	34.1	-28.6	47.25	54	-6.75	-	-	63	102	H
* 7.386	52.53	PK2	35.7	-25.7	62.53	-	-	74	-11.47	47	119	H
* 7.385	33.55	MAv1	35.7	-25.7	43.55	54	-10.45	-	-	47	119	H
* 4.925	57.61	PK2	34.1	-28.6	63.11	-	-	74	-10.89	256	175	V
* 4.924	40.19	MAv1	34.1	-28.6	45.69	54	-8.31	-	-	256	175	V
* 7.386	47.17	PK2	35.7	-25.7	57.17	-	-	74	-16.83	18	118	V
* 7.389	31.1	MAv1	35.7	-25.6	41.2	54	-12.8	-	-	18	118	V

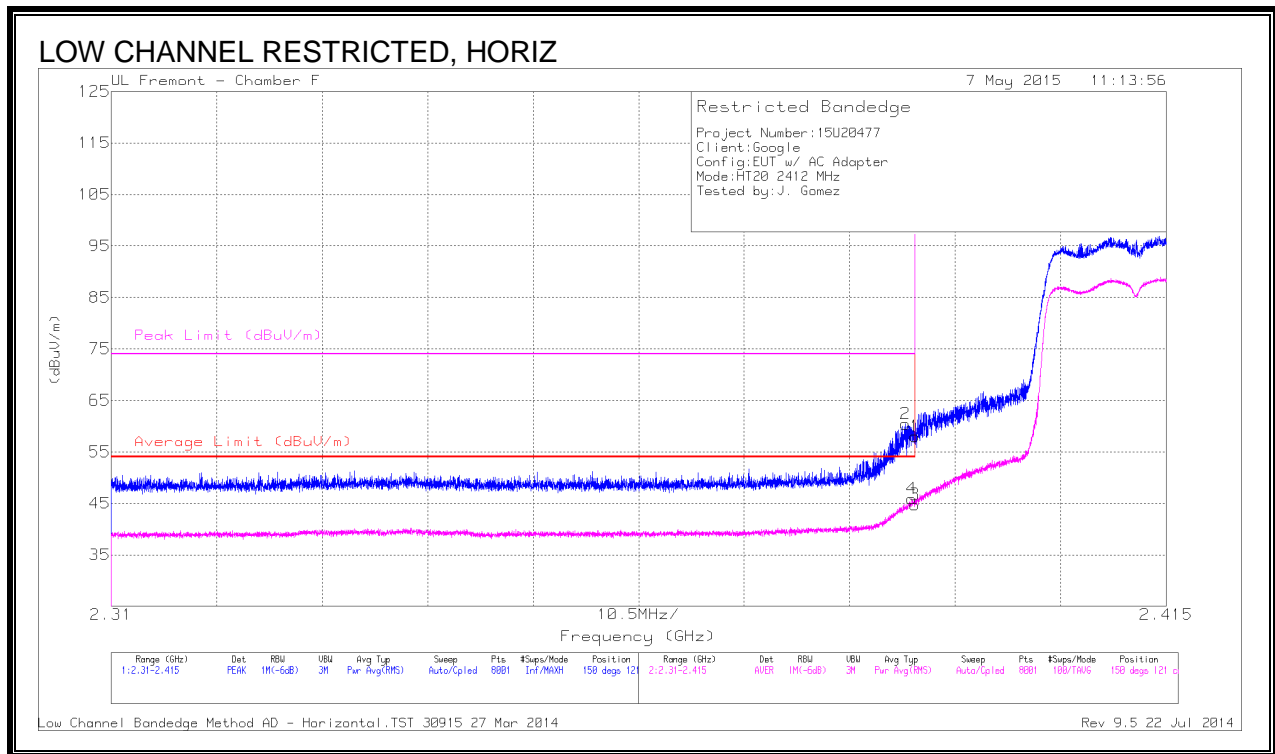
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

### 9.2.5. TX ABOVE 1 GHz 802.11n HT20 IN THE 2.4 GHz BAND ANTENNA 1

#### RESTRICTED BANDEDGE (LOW CHANNEL)

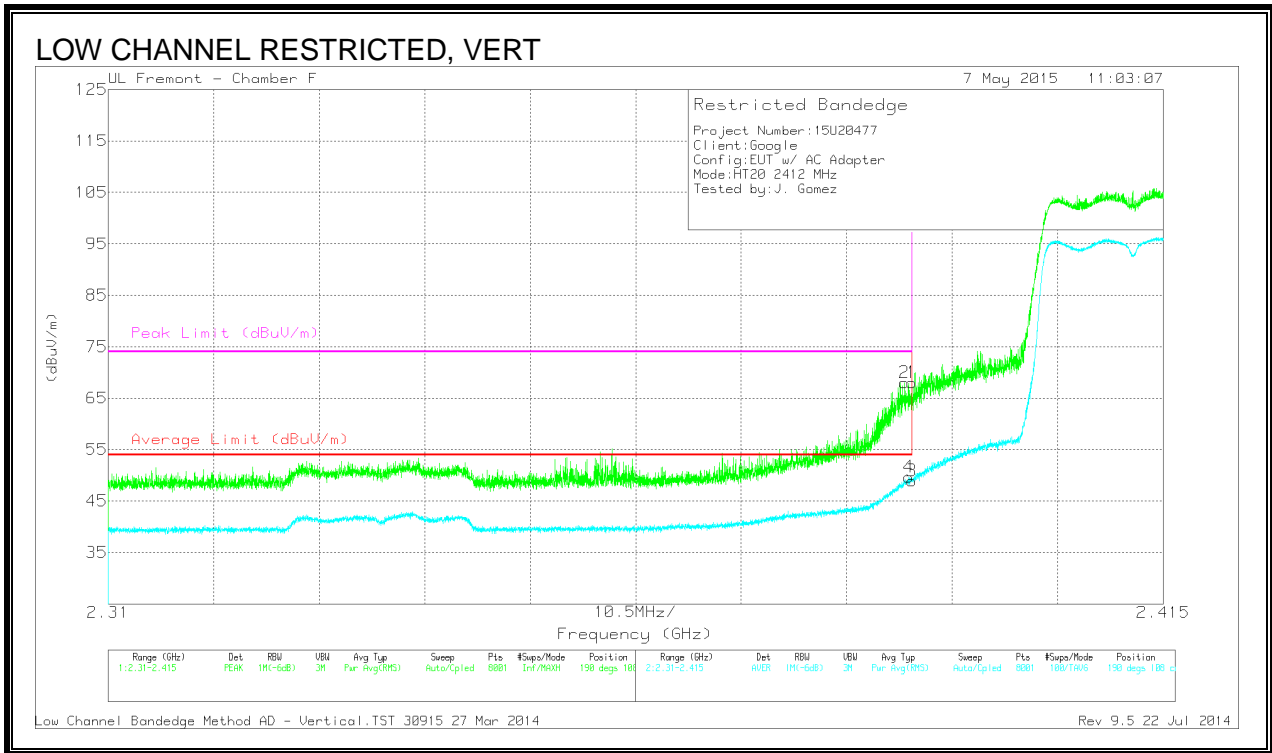


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	47.03	PK	31.9	-20.9	58.03	-	-	74	-15.97	150	121	H
2	* 2.389	49.43	PK	31.9	-20.9	60.43	-	-	74	-13.57	150	121	H
3	* 2.39	33.75	RMS	31.9	-20.9	44.75	54	-9.25	-	-	150	121	H
4	* 2.39	34.92	RMS	31.9	-20.9	45.92	54	-8.08	-	-	150	121	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



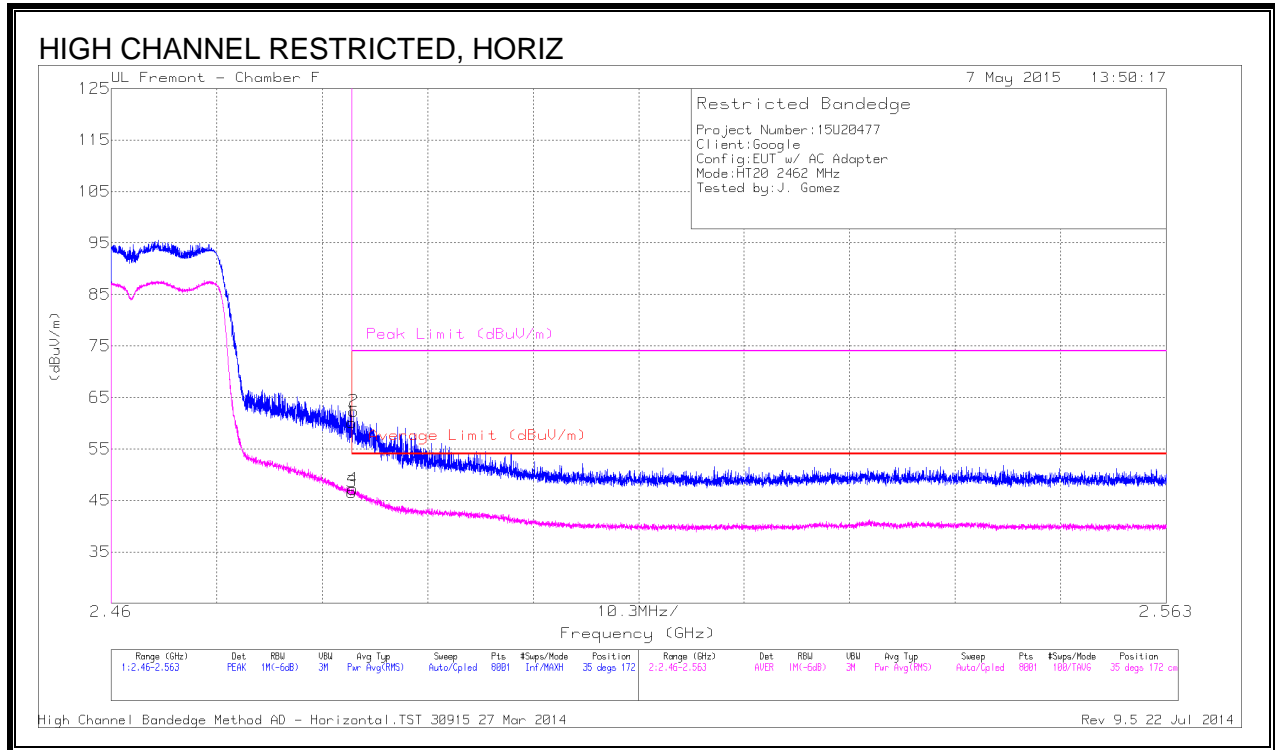
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	57.02	PK	31.9	-20.9	68.02	-	-	74	-5.98	190	108	V
2	* 2.389	57.02	PK	31.9	-20.9	68.02	-	-	74	-5.98	190	108	V
3	* 2.39	37.94	RMS	31.9	-20.9	48.94	54	-5.06	-	-	190	108	V
4	* 2.39	38.68	RMS	31.9	-20.9	49.68	54	-4.32	-	-	190	108	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection

**AUTHORIZED BANDEDGE (HIGH CHANNEL)**

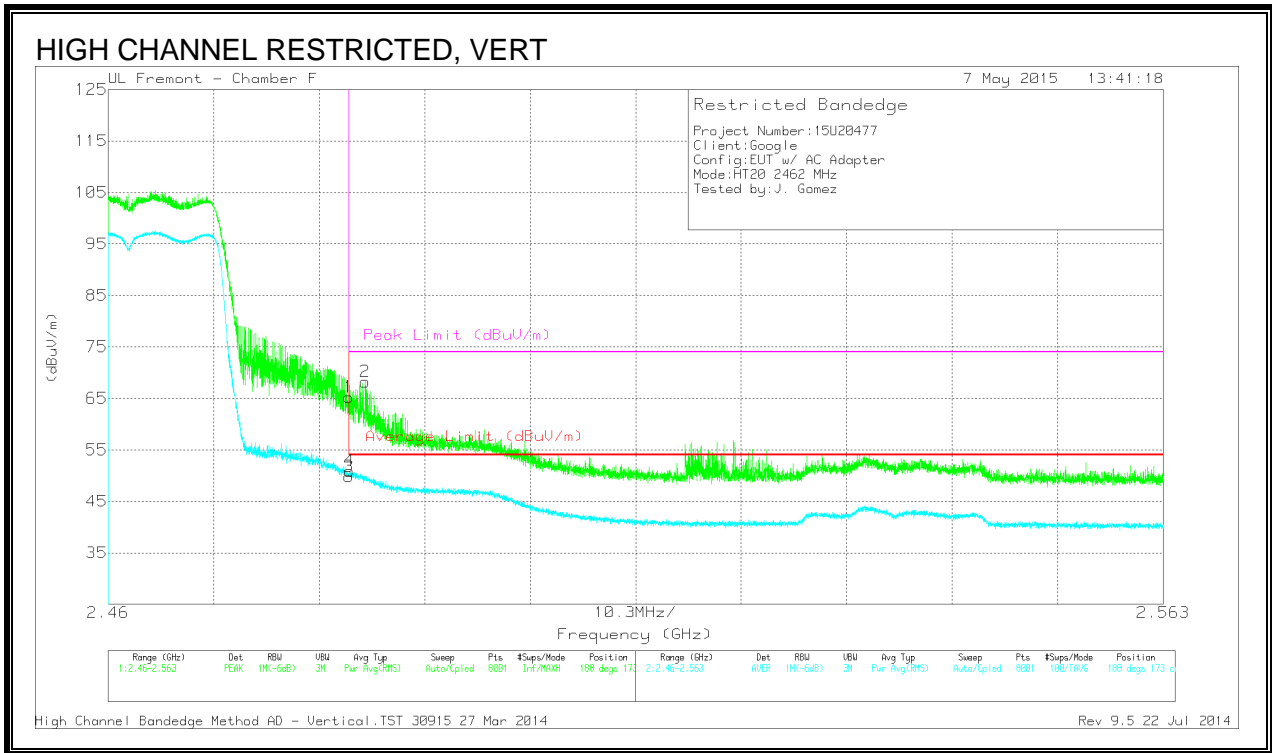


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	48.86	PK	32.2	-20.9	60.16	-	-	74	-13.84	35	172	H
2	* 2.484	51.04	PK	32.2	-20.9	62.34	-	-	74	-11.66	35	172	H
3	* 2.484	35.32	RMS	32.2	-20.9	46.62	54	-7.38	-	-	35	172	H
4	* 2.484	35.93	RMS	32.2	-20.9	47.23	54	-6.77	-	-	35	172	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/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	53.96	PK	32.2	-20.9	65.26	-	-	74	-8.74	188	173	V
2	* 2.485	56.94	PK	32.2	-20.9	68.24	-	-	74	-5.76	188	173	V
3	* 2.484	38.54	RMS	32.2	-20.9	49.84	54	-4.16	-	-	188	173	V
4	* 2.484	39.6	RMS	32.2	-20.9	50.9	54	-3.1	-	-	188	173	V

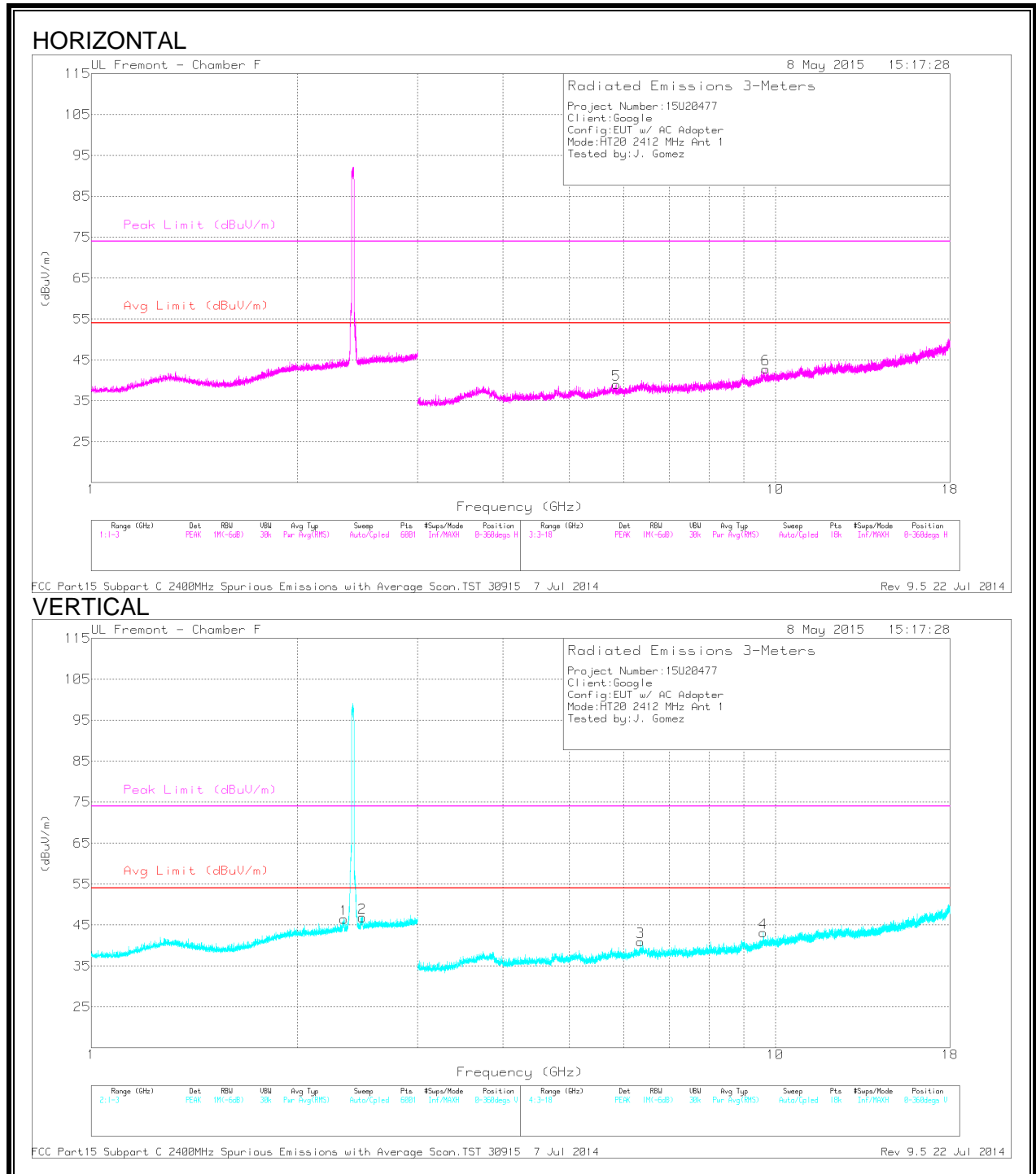
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

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/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	* 2.34	35.68	PK	31.8	-21	46.48	-	-	74	-27.52	0-360	101	V
2	* 2.489	35.56	PK	32.2	-20.9	46.86	-	-	74	-27.14	0-360	201	V
5	5.857	31.75	PK	35.1	-27.8	39.05	-	-	-	-	0-360	201	H
6	9.69	28.12	PK	37	-22.3	42.82	-	-	-	-	0-360	100	H
3	6.35	32.05	PK	35.8	-26.9	40.95	-	-	-	-	0-360	101	V
4	9.606	27.49	PK	36.9	-21.2	43.19	-	-	-	-	0-360	101	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

Radiated Emissions

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
* 2.339	44.93	PK2	31.8	-21	55.73	-	-	74	-18.27	178	108	V
* 2.34	33.55	MAV1	31.8	-21	44.35	54	-9.65	-	-	178	108	V
* 2.485	44.39	PK2	32.2	-20.9	55.69	-	-	74	-18.31	295	211	V
* 2.484	32.99	MAV1	32.2	-20.9	44.29	54	-9.71	-	-	295	211	V

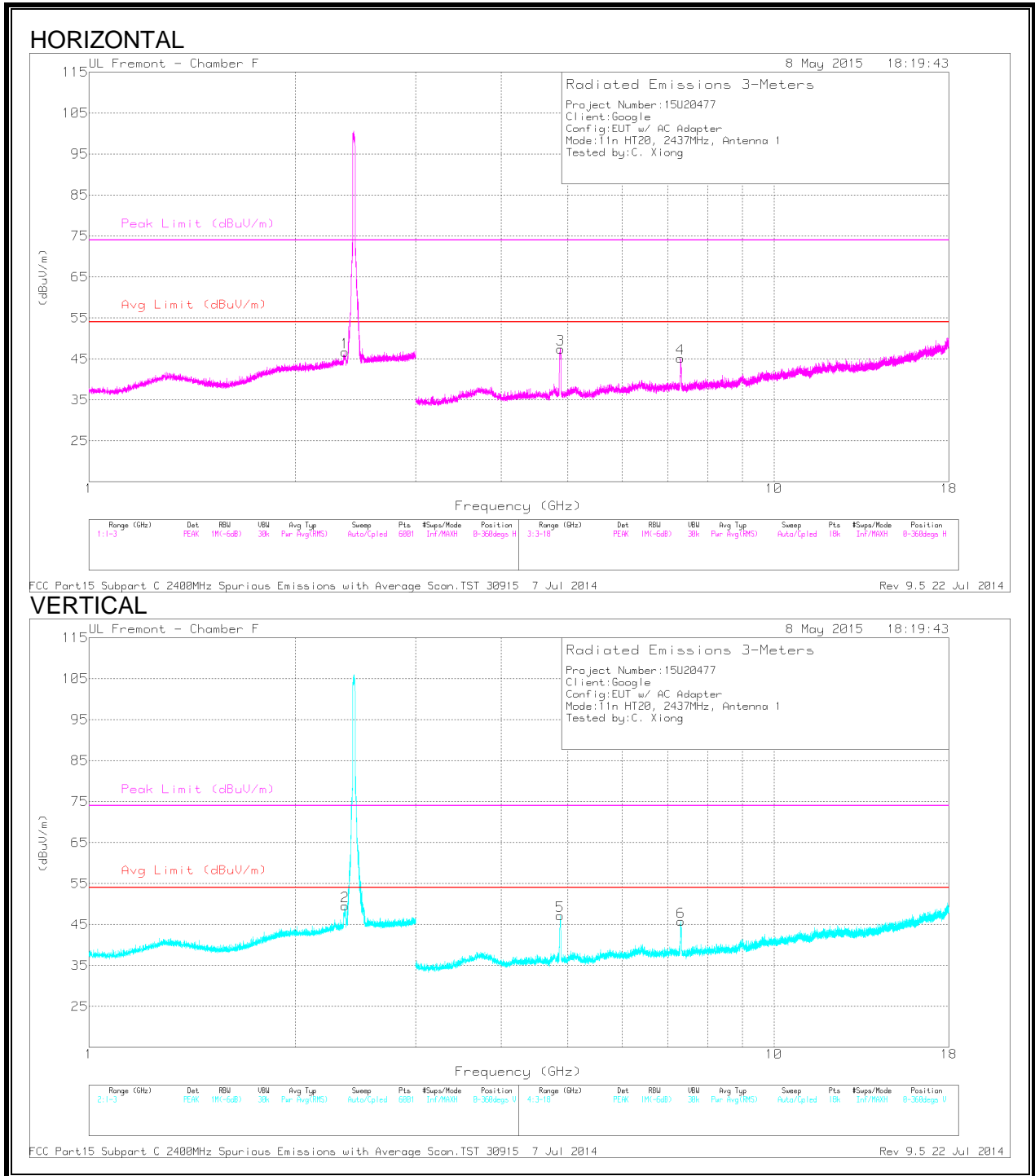
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

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/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	* 2.366	35.68	PK	31.9	-20.9	46.68	-	-	74	-27.32	0-360	100	H
2	* 2.366	38.54	PK	31.9	-20.9	49.54	-	-	74	-24.46	0-360	101	V
3	* 4.88	41.25	PK	34.1	-27.9	47.45	-	-	74	-26.55	0-360	100	H
4	* 7.307	35.79	PK	35.7	-26.3	45.19	-	-	74	-28.81	0-360	201	H
5	* 4.874	40.87	PK	34.1	-27.8	47.17	-	-	74	-26.83	0-360	201	V
6	* 7.311	36.38	PK	35.7	-26.3	45.78	-	-	74	-28.22	0-360	201	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

Radiated Emissions

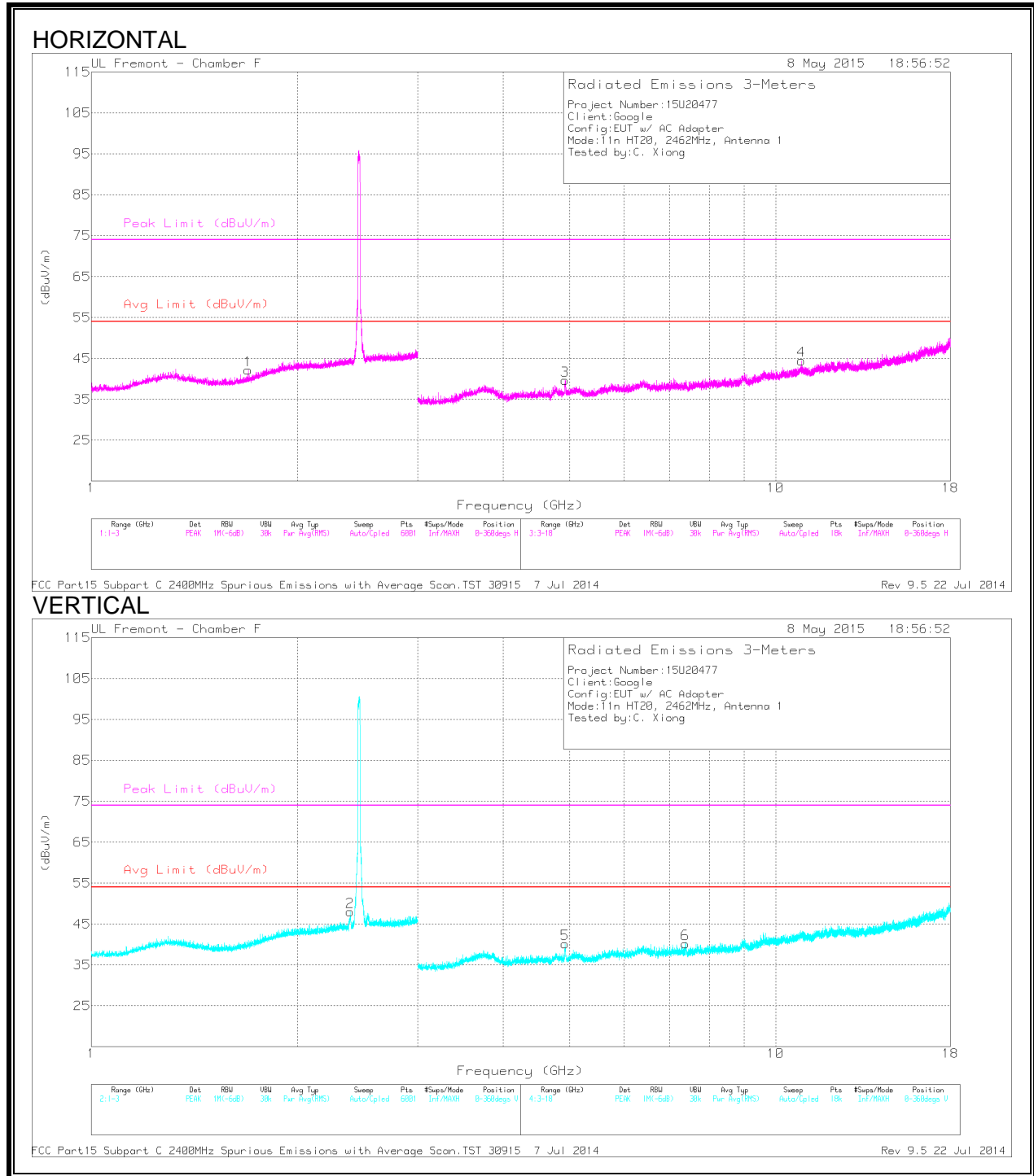
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.37	46.07	PK2	31.9	-21	56.97	-	-	74	-17.03	146	124	H
* 2.365	32.93	MAV1	31.9	-20.9	43.93	54	-10.07	-	-	146	124	H
* 2.376	50.52	PK2	31.9	-20.9	61.52	-	-	74	-12.48	174	108	V
* 2.365	38.19	MAV1	31.9	-20.9	49.19	54	-4.81	-	-	174	108	V
* 4.87	55.69	PK2	34.1	-27.7	62.09	-	-	74	-11.91	297	101	H
* 4.875	41.42	MAV1	34.1	-27.8	47.72	54	-6.28	-	-	297	101	H
* 7.314	49.1	PK2	35.7	-26.3	58.5	-	-	74	-15.5	136	193	H
* 7.309	35.7	MAV1	35.7	-26.3	45.1	54	-8.9	-	-	136	193	H
* 4.871	53.06	PK2	34.1	-27.7	59.46	-	-	74	-14.54	221	224	V
* 4.874	39.5	MAV1	34.1	-27.8	45.8	54	-8.2	-	-	221	224	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

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/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	* 1.695	35.06	PK	28.8	-21.7	42.16	-	-	74	-31.84	0-360	100	H
2	* 2.389	37.03	PK	31.9	-20.9	48.03	-	-	74	-25.97	0-360	101	V
3	* 4.923	34.14	PK	34.1	-28.6	39.64	-	-	74	-34.36	0-360	100	H
4	* 10.913	27.87	PK	38.1	-21.5	44.47	-	-	74	-29.53	0-360	100	H
5	* 4.923	34.68	PK	34.1	-28.6	40.18	-	-	74	-33.82	0-360	201	V
6	* 7.381	30.27	PK	35.7	-25.8	40.17	-	-	74	-33.83	0-360	101	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

Radiated Emissions

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
* 1.695	41.57	PK2	28.8	-21.7	48.67	-	-	74	-25.33	27	118	H
* 1.694	30.23	MAV1	28.8	-21.7	37.33	54	-16.67	-	-	27	118	H
* 2.389	45.82	PK2	31.9	-20.9	56.82	-	-	74	-17.18	172	106	V
* 2.39	34.63	MAV1	31.9	-20.9	45.63	54	-8.37	-	-	172	106	V
* 4.921	44.26	PK2	34.1	-28.6	49.76	-	-	74	-24.24	182	121	H
* 4.924	31.68	MAV1	34.1	-28.6	37.18	54	-16.82	-	-	182	121	H
* 10.914	33.59	PK2	38.1	-21.5	50.19	-	-	74	-23.81	157	142	H
* 10.914	23.07	MAV1	38.1	-21.5	39.67	54	-14.33	-	-	157	142	H
* 4.921	44.53	PK2	34.1	-28.6	50.03	-	-	74	-23.97	240	213	V
* 4.924	32.38	MAV1	34.1	-28.6	37.88	54	-16.12	-	-	240	213	V
* 7.381	37.95	PK2	35.7	-25.8	47.85	-	-	74	-26.15	118	243	V
* 7.38	26.59	MAV1	35.7	-25.8	36.49	54	-17.51	-	-	118	243	V

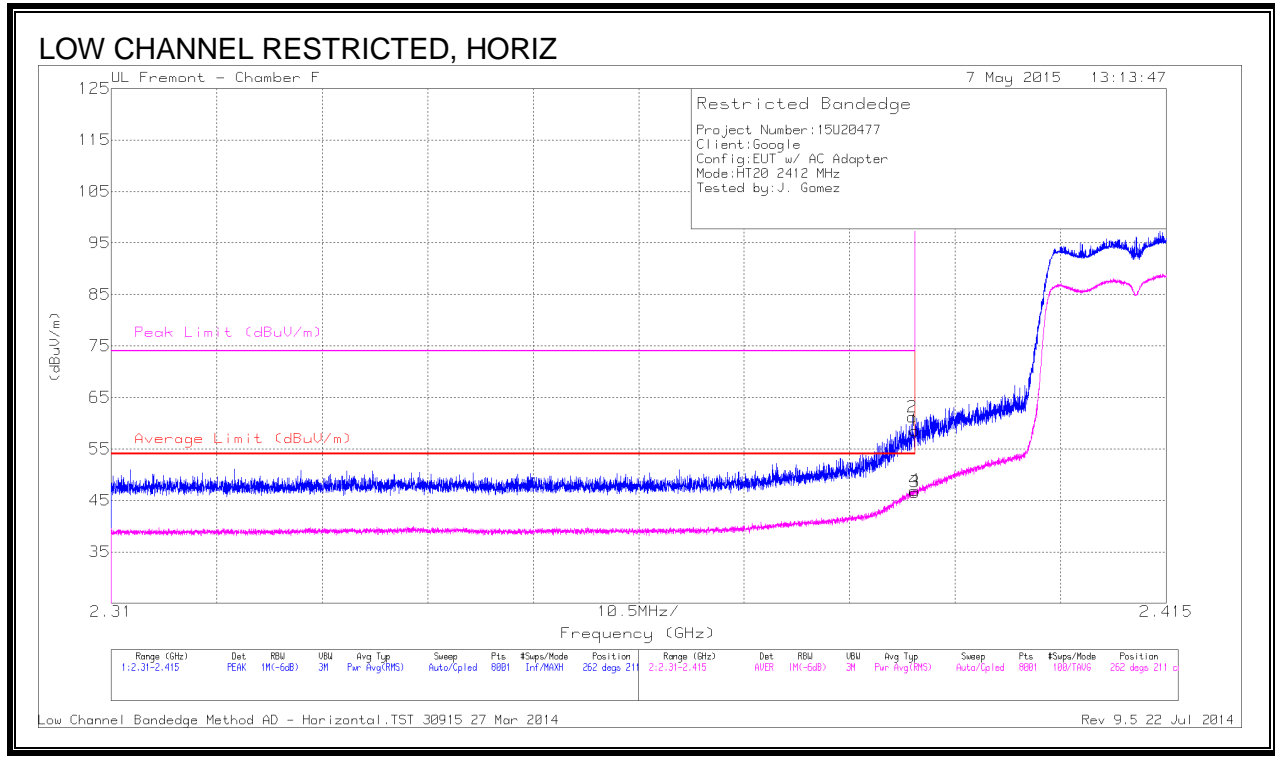
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

### 9.2.6. TX ABOVE 1 GHz 802.11n HT20 IN THE 2.4 GHz BAND ANTENNA 2

#### RESTRICTED BANDEDGE (LOW CHANNEL)

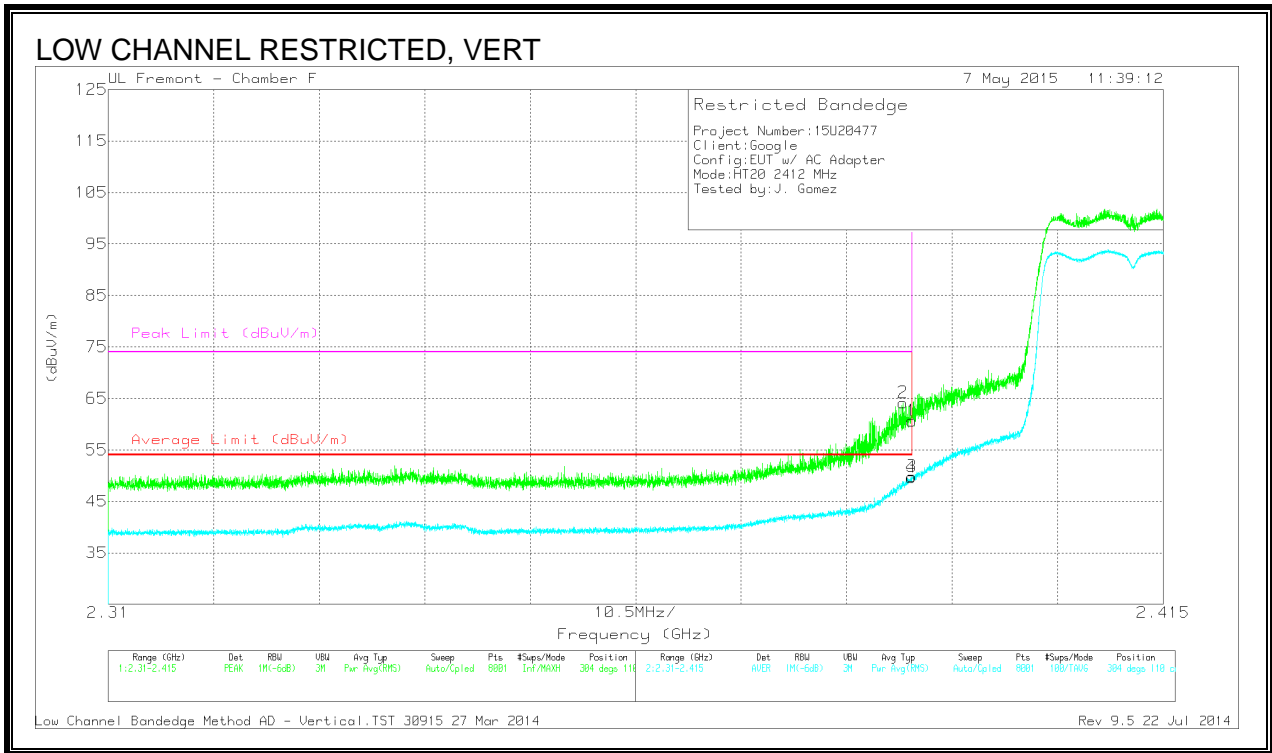


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	47.53	PK	31.9	-20.9	58.53	-	-	74	-15.47	262	211	H
2	* 2.39	50.19	PK	31.9	-20.9	61.19	-	-	74	-12.81	262	211	H
3	* 2.39	35.6	RMS	31.9	-20.9	46.6	54	-7.4	-	-	262	211	H
4	* 2.39	35.93	RMS	31.9	-20.9	46.93	54	-7.07	-	-	262	211	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



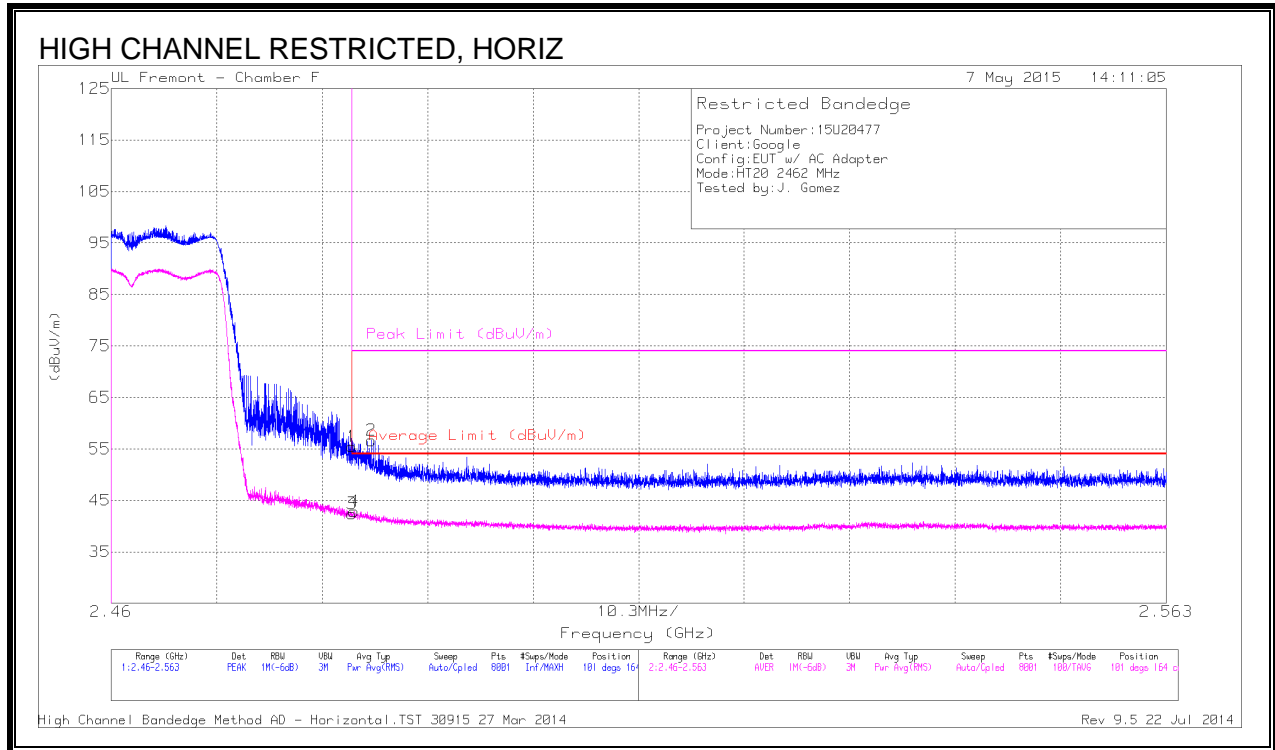
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	49.66	PK	31.9	-20.9	60.66	-	-	74	-13.34	304	110	V
2	* 2.389	53.17	PK	31.9	-20.9	64.17	-	-	74	-9.83	304	110	V
3	* 2.39	38.86	RMS	31.9	-20.9	49.86	54	-4.14	-	-	304	110	V
4	* 2.39	38.66	RMS	31.9	-20.9	49.66	54	-4.34	-	-	304	110	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection

**AUTHORIZED BANDEDGE (HIGH CHANNEL)**

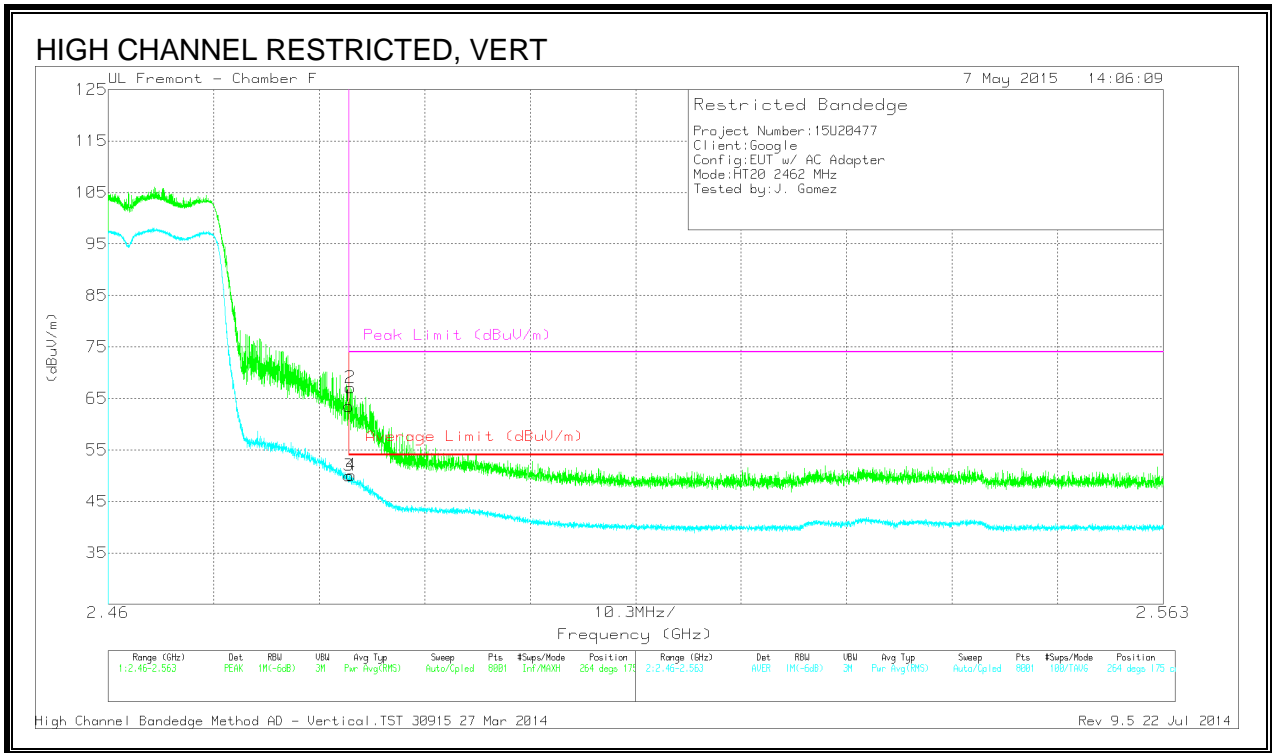


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.17	PK	32.2	-20.9	55.47	-	-	74	-18.53	101	164	H
2	* 2.485	45.33	PK	32.2	-20.9	56.63	-	-	74	-17.37	101	164	H
3	* 2.484	31.11	RMS	32.2	-20.9	42.41	54	-11.59	-	-	101	164	H
4	* 2.484	31.57	RMS	32.2	-20.9	42.87	54	-11.13	-	-	101	164	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-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	* 2.484	52.17	PK	32.2	-20.9	63.47	-	-	74	-10.53	264	175	V
2	* 2.484	55.81	PK	32.2	-20.9	67.11	-	-	74	-6.89	264	175	V
3	* 2.484	38.72	RMS	32.2	-20.9	50.02	54	-3.98	-	-	264	175	V
4	* 2.484	38.82	RMS	32.2	-20.9	50.12	54	-3.88	-	-	264	175	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

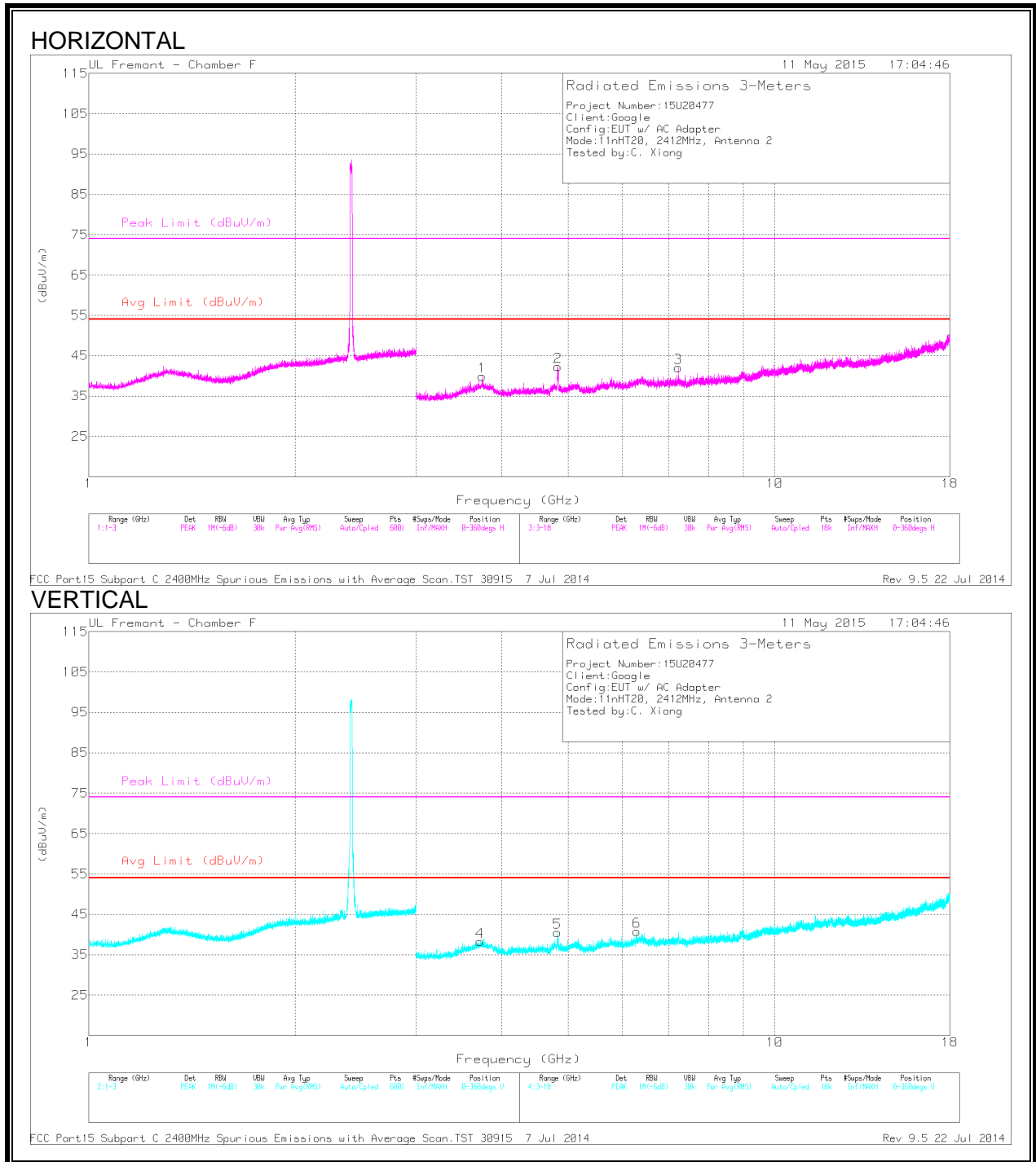
PK - Peak detector

RMS - RMS detection



**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL**



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/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	* 3.745	34.59	PK	34.4	-29.1	39.89	-	-	74	-34.11	0-360	100	H
2	* 4.829	35.89	PK	34.1	-27.7	42.29	-	-	74	-31.71	0-360	100	H
3	7.238	32.89	PK	35.6	-26.4	42.09	-	-	-	-	0-360	201	H
4	* 3.717	32.89	PK	34.6	-29.3	38.19	-	-	74	-35.81	0-360	201	V
5	* 4.825	34.04	PK	34.1	-27.6	40.54	-	-	74	-33.46	0-360	201	V
6	6.296	32.13	PK	35.7	-27.1	40.73	-	-	-	-	0-360	201	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

Radiated Emissions

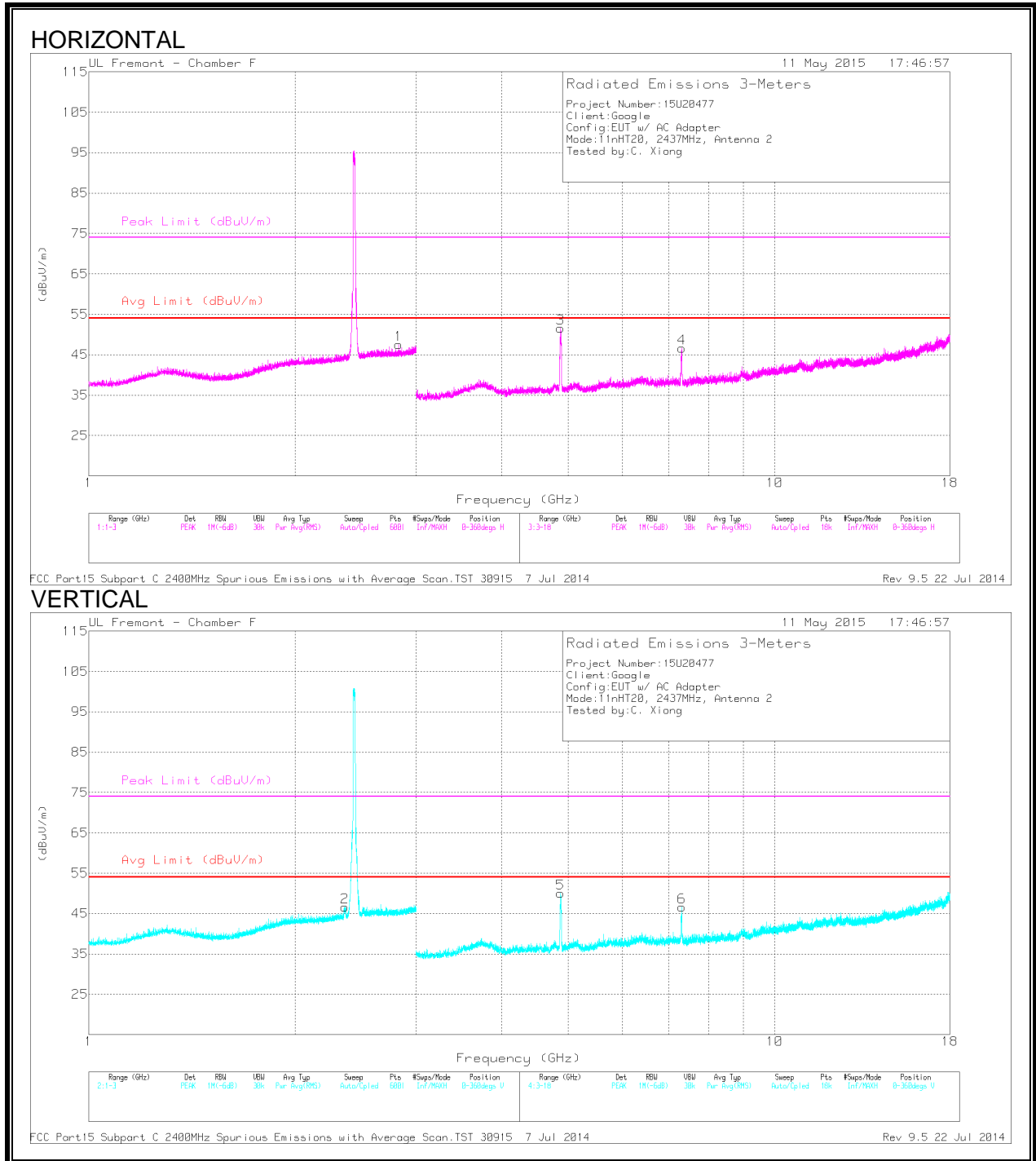
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (db)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.743	38.62	PK2	34.5	-29.1	44.02	-	-	74	-29.98	286	232	H
* 3.745	27.26	MAV1	34.4	-29.1	32.56	54	-21.44	-	-	286	232	H
* 4.826	53.21	PK2	34.1	-27.6	59.71	-	-	74	-14.29	9	187	H
* 4.824	32.34	MAV1	34.1	-27.6	38.84	54	-15.16	-	-	9	187	H
7.238	44.05	PK2	35.6	-26.4	53.25	-	-	-	-	9	187	H
* 3.718	39.62	PK2	34.6	-29.3	44.92	-	-	74	-29.08	293	180	V
* 3.718	27.43	MAV1	34.6	-29.3	32.73	54	-21.27	-	-	293	180	V
* 4.822	45.35	PK2	34.1	-27.6	51.85	-	-	74	-22.15	189	205	V
* 4.824	30.13	MAV1	34.1	-27.6	36.63	54	-17.37	-	-	189	205	V
6.295	37.38	PK2	35.7	-27.1	45.98	-	-	-	-	189	205	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-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/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	* 2.83	35.24	PK	32.7	-20.4	47.54	-	-	74	-26.46	0-360	100	H
2	* 2.364	35.67	PK	31.9	-20.9	46.67	-	-	74	-27.33	0-360	101	V
3	* 4.873	45.3	PK	34.1	-27.8	51.6	-	-	74	-22.4	0-360	201	H
4	* 7.321	37.2	PK	35.7	-26.3	46.6	-	-	74	-27.4	0-360	100	H
5	* 4.873	43.79	PK	34.1	-27.8	50.09	-	-	74	-23.91	0-360	201	V
6	* 7.32	37.23	PK	35.7	-26.3	46.63	-	-	74	-27.37	0-360	201	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

Radiated Emissions

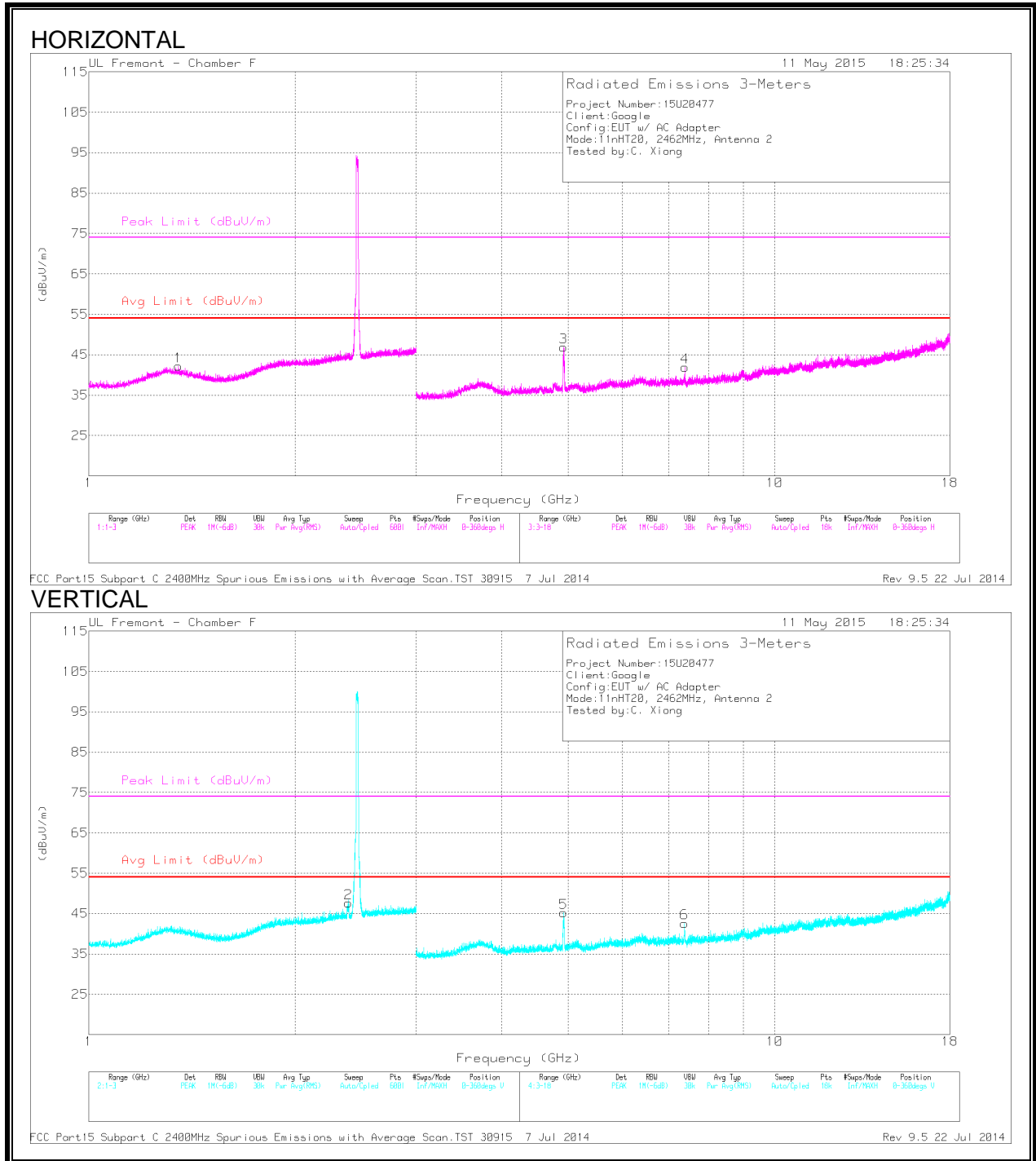
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.831	41.38	PK2	32.7	-20.4	53.68	-	-	74	-20.32	159	110	H
* 2.829	29.77	MAv1	32.7	-20.5	41.97	54	-12.03	-	-	159	110	H
* 2.365	43.64	PK2	31.9	-20.9	54.64	-	-	74	-19.36	121	118	V
* 2.365	33.2	MAv1	31.9	-20.9	44.2	54	-9.8	-	-	121	118	V
* 4.873	60.3	PK2	34.1	-27.8	66.6	-	-	74	-7.4	103	187	H
* 4.874	41.45	MAv1	34.1	-27.8	47.75	54	-6.25	-	-	103	187	H
* 7.311	51	PK2	35.7	-26.3	60.4	-	-	74	-13.6	218	132	H
* 7.312	32.91	MAv1	35.7	-26.3	42.31	54	-11.69	-	-	218	132	H
* 4.881	56.47	PK2	34.1	-27.9	62.67	-	-	74	-11.33	220	222	V
* 4.874	38.23	MAv1	34.1	-27.8	44.53	54	-9.47	-	-	220	222	V
* 7.313	50.55	PK2	35.7	-26.3	59.95	-	-	74	-14.05	31	201	V
* 7.31	33.67	MAv1	35.7	-26.3	43.07	54	-10.93	-	-	31	201	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

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
1	* 1.351	34.67	PK	29.6	-22.1	42.17	-	-	74	-31.83	0-360	201	H
2	* 2.389	36.69	PK	31.9	-20.9	47.69	-	-	74	-26.31	0-360	101	V
3	* 4.921	41.42	PK	34.1	-28.6	46.92	-	-	74	-27.08	0-360	100	H
4	* 7.398	31.86	PK	35.7	-25.6	41.96	-	-	74	-32.04	0-360	100	H
5	* 4.921	39.74	PK	34.1	-28.6	45.24	-	-	74	-28.76	0-360	101	V
6	* 7.383	32.62	PK	35.7	-25.7	42.62	-	-	74	-31.38	0-360	201	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

Radiated Emissions

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
* 1.351	41.68	PK2	29.6	-22.1	49.18	-	-	74	-24.82	54	142	H
* 1.35	30.28	MAv1	29.6	-22.1	37.78	54	-16.22	-	-	54	142	H
2.39	46.96	PK2	31.9	-20.9	57.96	-	-	-	-	175	104	V
2.39	35.22	MAv1	31.9	-20.9	46.22	-	-	-	-	175	104	V
* 4.926	57.21	PK2	34.1	-28.7	62.61	-	-	74	-11.39	41	208	H
* 4.924	38	MAv1	34.1	-28.6	43.5	54	-10.5	-	-	41	208	H
* 7.39	46.83	PK2	35.7	-25.6	56.93	-	-	74	-17.07	24	364	H
* 7.389	27.74	MAv1	35.7	-25.7	37.74	54	-16.26	-	-	24	364	H
* 4.928	55.9	PK2	34.1	-28.7	61.3	-	-	74	-12.7	265	160	V
* 4.924	35.72	MAv1	34.1	-28.6	41.22	54	-12.78	-	-	265	160	V
* 7.387	40.39	PK2	35.7	-25.7	50.39	-	-	74	-23.61	217	170	V
* 7.383	27.99	MAv1	35.7	-25.7	37.99	54	-16.01	-	-	217	170	V

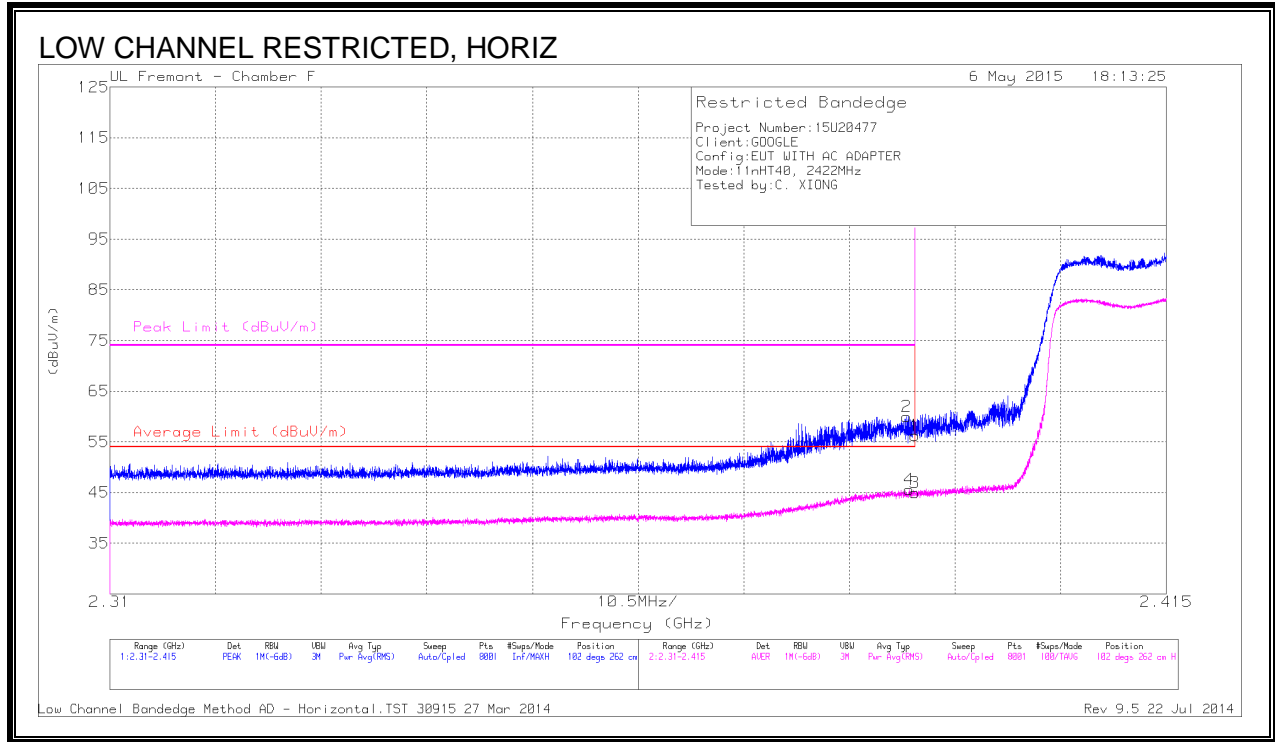
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

### 9.2.7. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 2.4 GHz BAND ANTENNA 1

#### RESTRICTED BANDEDGE (LOW CHANNEL)

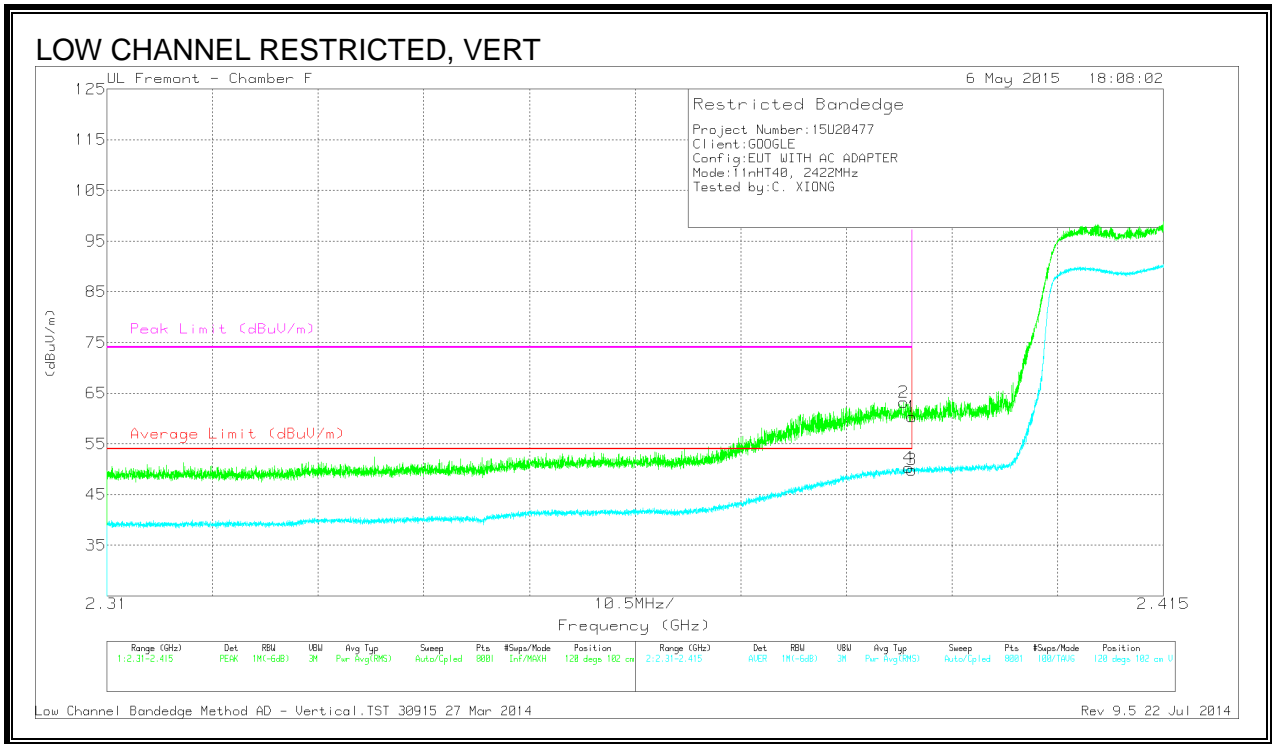


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	45.22	PK	31.9	-20.9	56.22	-	-	74	-17.78	102	262	H
2	* 2.389	48.97	PK	31.9	-20.9	59.97	-	-	74	-14.03	102	262	H
3	* 2.39	33.97	RMS	31.9	-20.9	44.97	54	-9.03	-	-	102	262	H
4	* 2.389	34.61	RMS	31.9	-20.9	45.61	54	-8.39	-	-	102	262	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/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	49.36	PK	31.9	-20.9	60.36	-	-	74	-13.64	120	102	V
2	* 2.389	52.18	PK	31.9	-20.9	63.18	-	-	74	-10.82	120	102	V
3	* 2.39	38.86	RMS	31.9	-20.9	49.86	54	-4.14	-	-	120	102	V
4	* 2.39	39.25	RMS	31.9	-20.9	50.25	54	-3.75	-	-	120	102	V

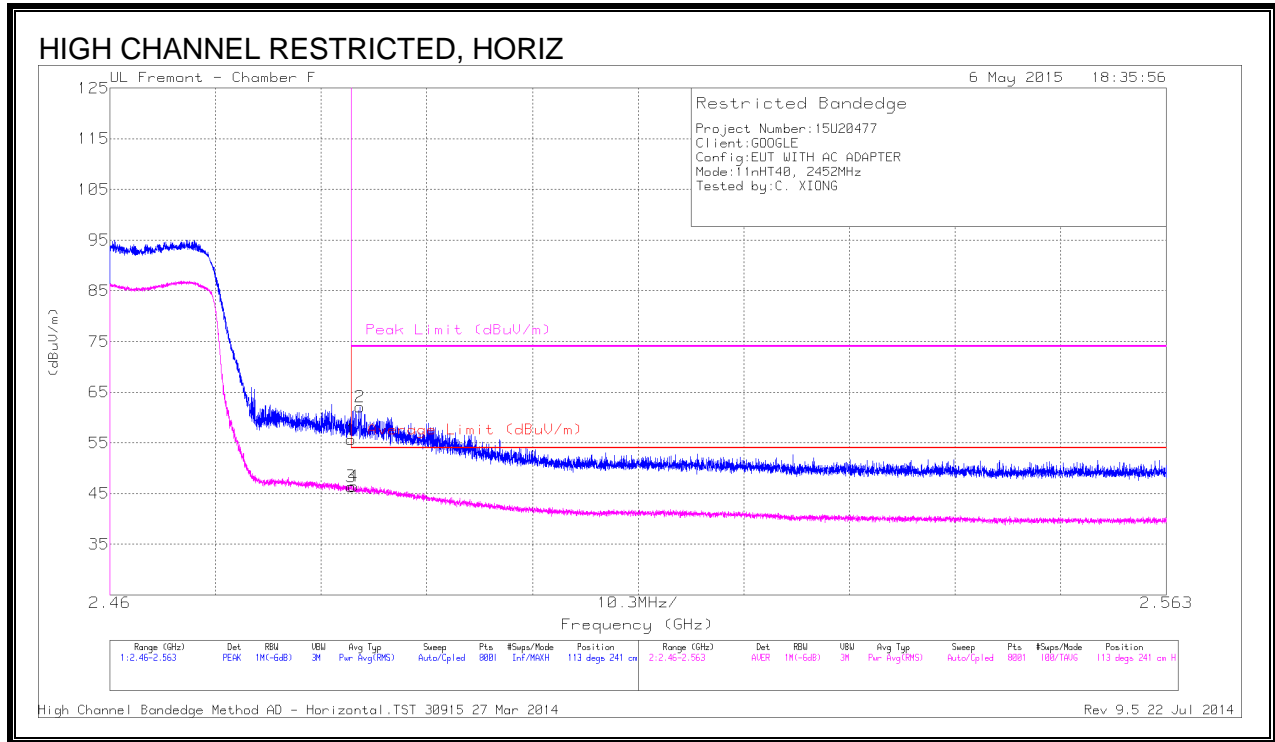
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



**AUTHORIZED BANDEDGE (HIGH CHANNEL)**

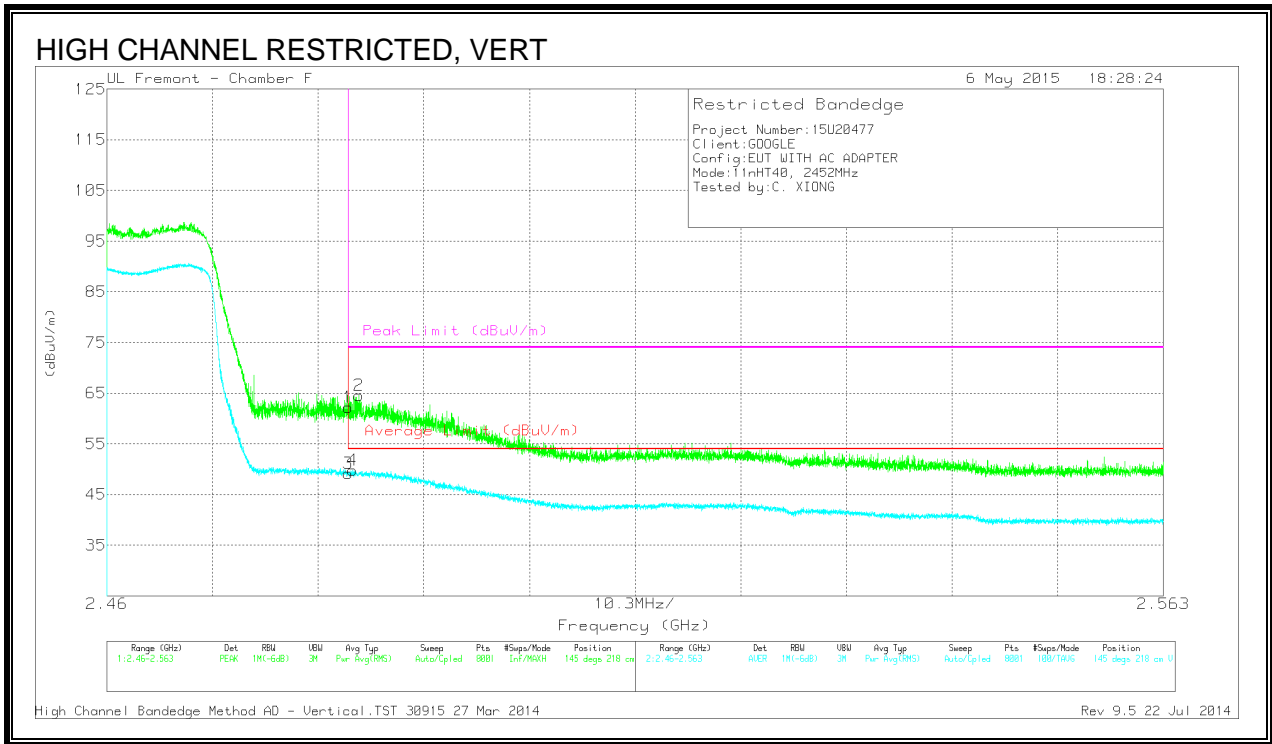


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.28	PK	32.2	-20.9	55.58	-	-	74	-18.42	113	241	H
2	* 2.484	50.81	PK	32.2	-20.9	62.11	-	-	74	-11.89	113	241	H
3	* 2.484	35.08	RMS	32.2	-20.9	46.38	54	-7.62	-	-	113	241	H
4	* 2.484	35.19	RMS	32.2	-20.9	46.49	54	-7.51	-	-	113	241	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/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	50.88	PK	32.2	-20.9	62.18	-	-	74	-11.82	145	218	V
2	* 2.485	53.27	PK	32.2	-20.9	64.57	-	-	74	-9.43	145	218	V
3	* 2.484	37.9	RMS	32.2	-20.9	49.2	54	-4.8	-	-	145	218	V
4	* 2.484	38.51	RMS	32.2	-20.9	49.81	54	-4.19	-	-	145	218	V

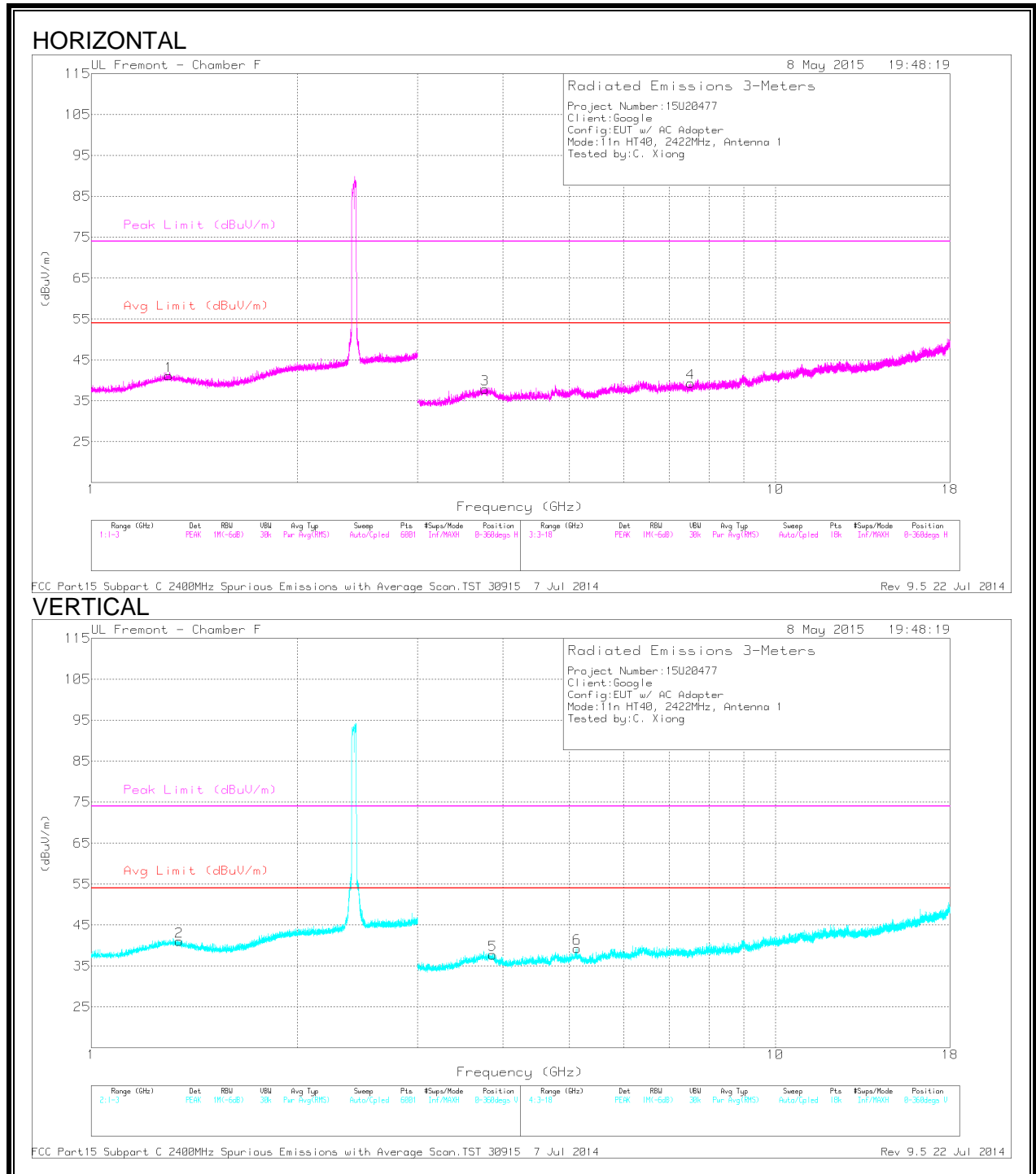
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

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/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	* 1.298	33.33	PK	30	-22.2	41.13	-	-	74	-32.87	0-360	201	H
2	* 1.346	33.5	PK	29.6	-22.1	41	-	-	74	-33	0-360	101	V
3	* 3.762	32.26	PK	34.3	-28.7	37.86	-	-	74	-36.14	0-360	100	H
4	* 7.518	29.45	PK	35.7	-25.8	39.35	-	-	74	-34.65	0-360	201	H
5	* 3.861	32.64	PK	33.9	-28.8	37.74	-	-	74	-36.26	0-360	101	V
6	* 5.131	31.82	PK	34.2	-26.7	39.32	-	-	74	-34.68	0-360	101	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

Radiated Emissions

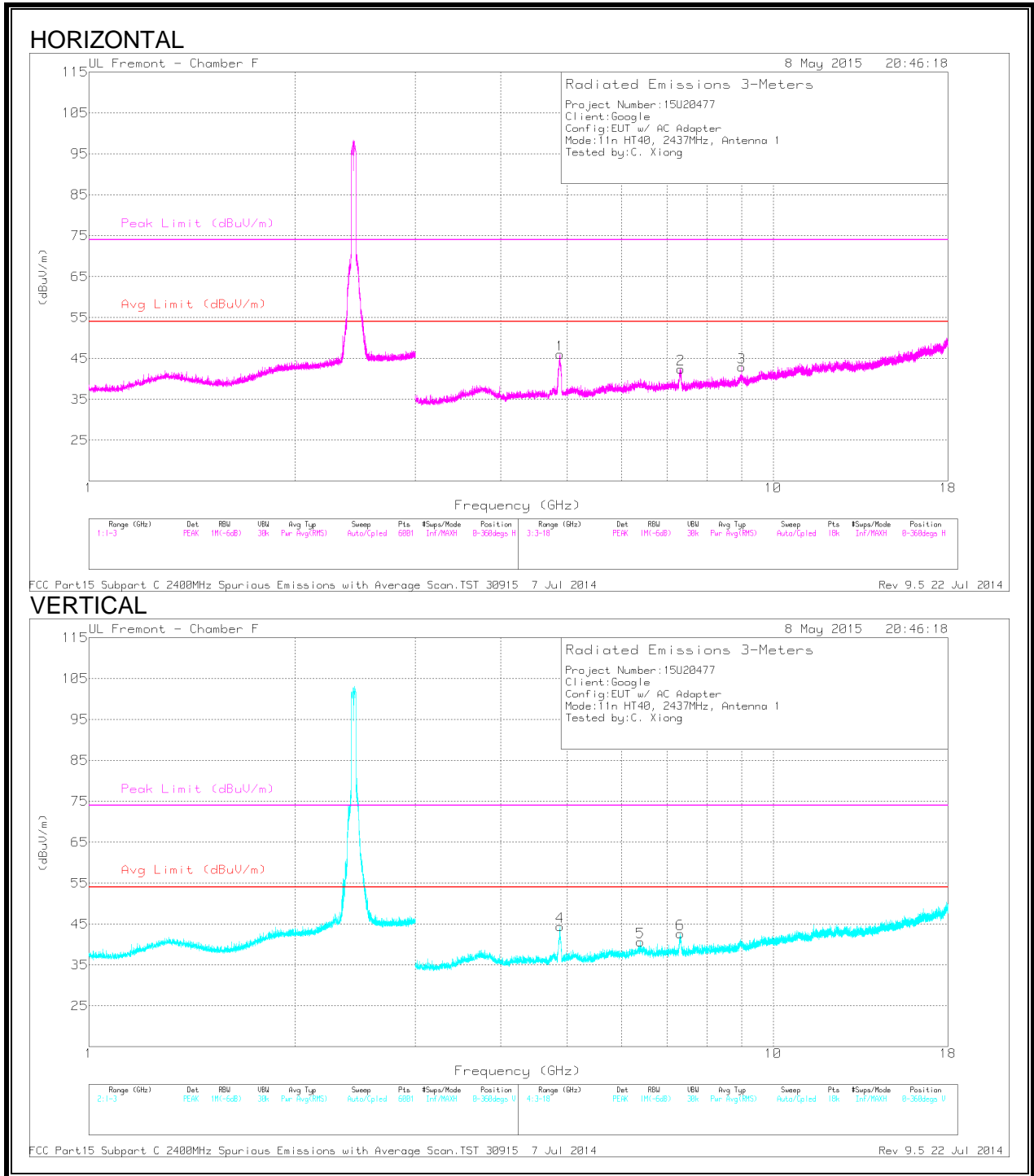
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.298	41.6	PK2	30	-22.2	49.4	-	-	74	-24.6	14	148	H
* 1.297	30.39	MAV1	30	-22.2	38.19	54	-15.81	-	-	14	148	H
* 1.344	41.52	PK2	29.6	-22.2	48.92	-	-	74	-25.08	21	175	V
* 1.347	30.44	MAV1	29.6	-22.1	37.94	54	-16.06	-	-	21	175	V
* 3.764	38.71	PK2	34.3	-28.7	44.31	-	-	74	-29.69	87	127	H
* 3.761	27.67	MAV1	34.4	-28.8	33.27	54	-20.73	-	-	87	127	H
* 7.518	36.25	PK2	35.7	-25.8	46.15	-	-	74	-27.85	122	222	H
* 7.519	25.8	MAV1	35.7	-25.8	35.7	54	-18.3	-	-	122	222	H
* 3.859	39.09	PK2	34	-28.8	44.29	-	-	74	-29.71	230	195	V
* 3.86	28.15	MAV1	34	-28.8	33.35	54	-20.65	-	-	230	195	V
* 5.132	38.42	PK2	34.2	-26.7	45.92	-	-	74	-28.08	48	168	V
* 5.132	26.39	MAV1	34.2	-26.7	33.89	54	-20.11	-	-	48	168	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-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/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	* 4.88	39.82	PK	34.1	-27.9	46.02	-	-	74	-27.98	0-360	100	H
2	* 7.326	33.04	PK	35.7	-26.3	42.44	-	-	74	-31.56	0-360	201	H
3	8.997	28.99	PK	36.1	-22.2	42.89	-	-	-	-	0-360	100	H
4	* 4.88	38.22	PK	34.1	-27.9	44.42	-	-	74	-29.58	0-360	201	V
5	6.397	31.6	PK	35.8	-26.7	40.7	-	-	-	-	0-360	101	V
6	* 7.317	33.3	PK	35.7	-26.3	42.7	-	-	74	-31.3	0-360	101	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

Radiated Emissions

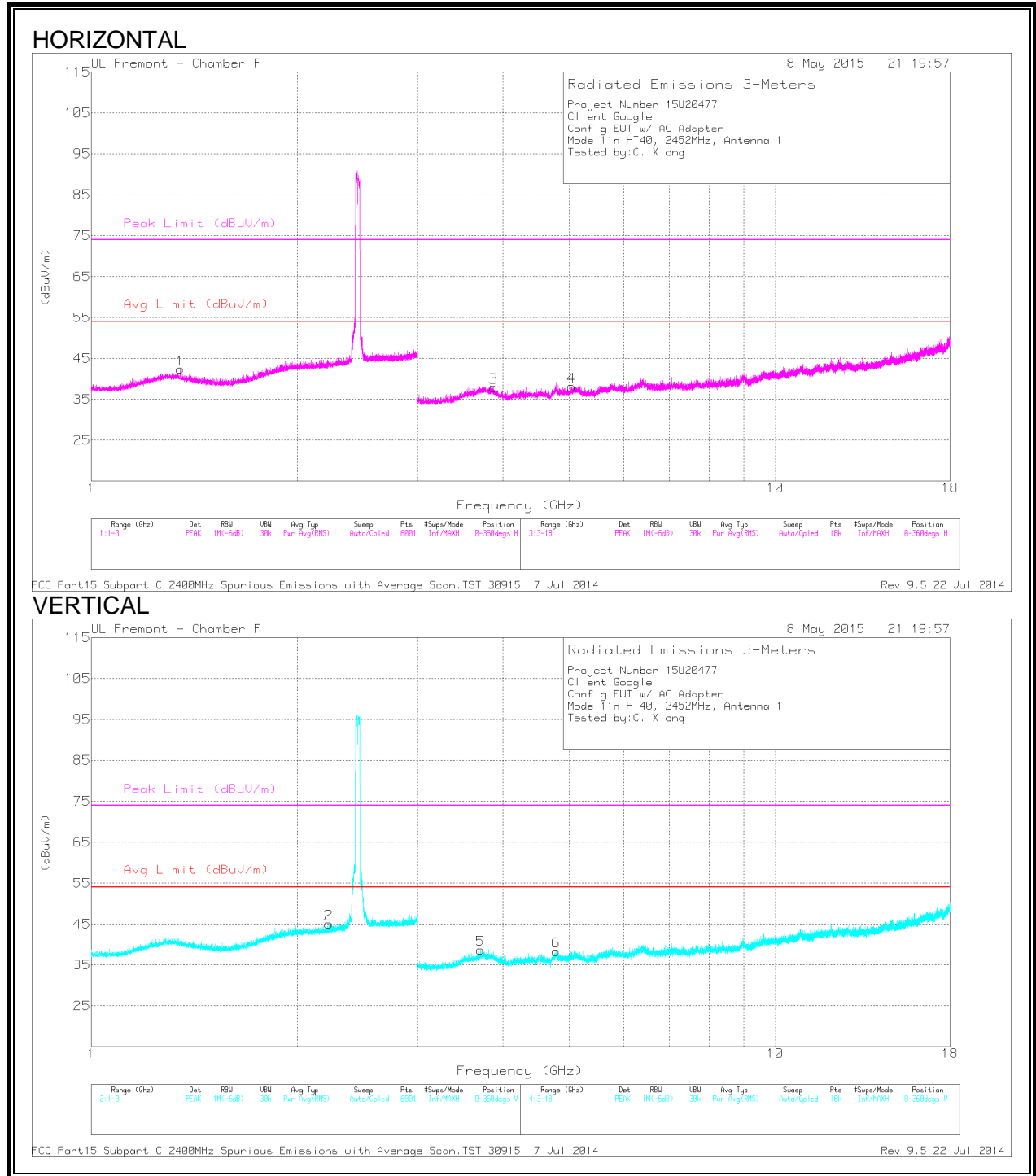
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (db)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.876	49.35	PK2	34.1	-27.8	55.65	-	-	74	-18.35	343	134	H
* 4.874	37.37	MAV1	34.1	-27.8	43.67	54	-10.33	-	-	343	134	H
* 7.318	42.49	PK2	35.7	-26.3	51.89	-	-	74	-22.11	125	120	H
* 7.314	30.62	MAV1	35.7	-26.3	40.02	54	-13.98	-	-	125	120	H
8.997	34.76	PK2	36.1	-22.2	48.66	-	-	-	-	113	135	H
* 4.878	41.98	PK2	34.1	-27.8	48.28	-	-	74	-25.72	113	135	V
* 4.884	30.68	MAV1	34.1	-27.9	36.88	54	-17.12	-	-	113	135	V
6.397	37.29	PK2	35.8	-26.7	46.39	-	-	-	-	113	135	V
* 7.315	43.99	PK2	35.7	-26.3	53.39	-	-	74	-20.61	238	142	V
* 7.313	31.89	MAV1	35.7	-26.3	41.29	54	-12.71	-	-	238	142	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

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/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	* 1.35	34.9	PK	29.6	-22.1	42.4	-	-	74	-31.6	0-360	100	H
2	* 2.225	34.58	PK	31.5	-21	45.08	-	-	74	-28.92	0-360	101	V
3	* 3.873	32.85	PK	33.9	-28.8	37.95	-	-	74	-36.05	0-360	100	H
4	* 5.039	32.1	PK	34.2	-28.2	38.1	-	-	74	-35.9	0-360	100	H
5	* 3.705	33.32	PK	34.7	-29.3	38.72	-	-	74	-35.28	0-360	101	V
6	* 4.782	31.67	PK	34.1	-27.4	38.37	-	-	74	-35.63	0-360	101	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

Radiated Emissions

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
* 1.349	42.03	PK2	29.6	-22.1	49.53	-	-	74	-24.47	72	115	H
* 1.352	30.33	MAv1	29.5	-22.1	37.73	54	-16.27	-	-	72	115	H
* 2.225	42.01	PK2	31.5	-21	52.51	-	-	74	-21.49	83	124	V
* 2.225	30.25	MAv1	31.5	-21	40.75	54	-13.25	-	-	83	124	V
* 3.874	38.98	PK2	33.9	-28.8	44.08	-	-	74	-29.92	92	185	H
* 3.872	27.87	MAv1	33.9	-28.8	32.97	54	-21.03	-	-	92	185	H
* 5.037	38.45	PK2	34.1	-28.2	44.35	-	-	74	-29.65	92	242	H
* 5.04	27.56	MAv1	34.2	-28.2	33.56	54	-20.44	-	-	92	242	H
* 3.705	40.33	PK2	34.7	-29.3	45.73	-	-	74	-28.27	137	211	V
* 3.705	28.2	MAv1	34.7	-29.3	33.6	54	-20.4	-	-	137	211	V
* 4.781	38.42	PK2	34.1	-27.4	45.12	-	-	74	-28.88	152	175	V
* 4.782	27.41	MAv1	34.1	-27.4	34.11	54	-19.89	-	-	152	175	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

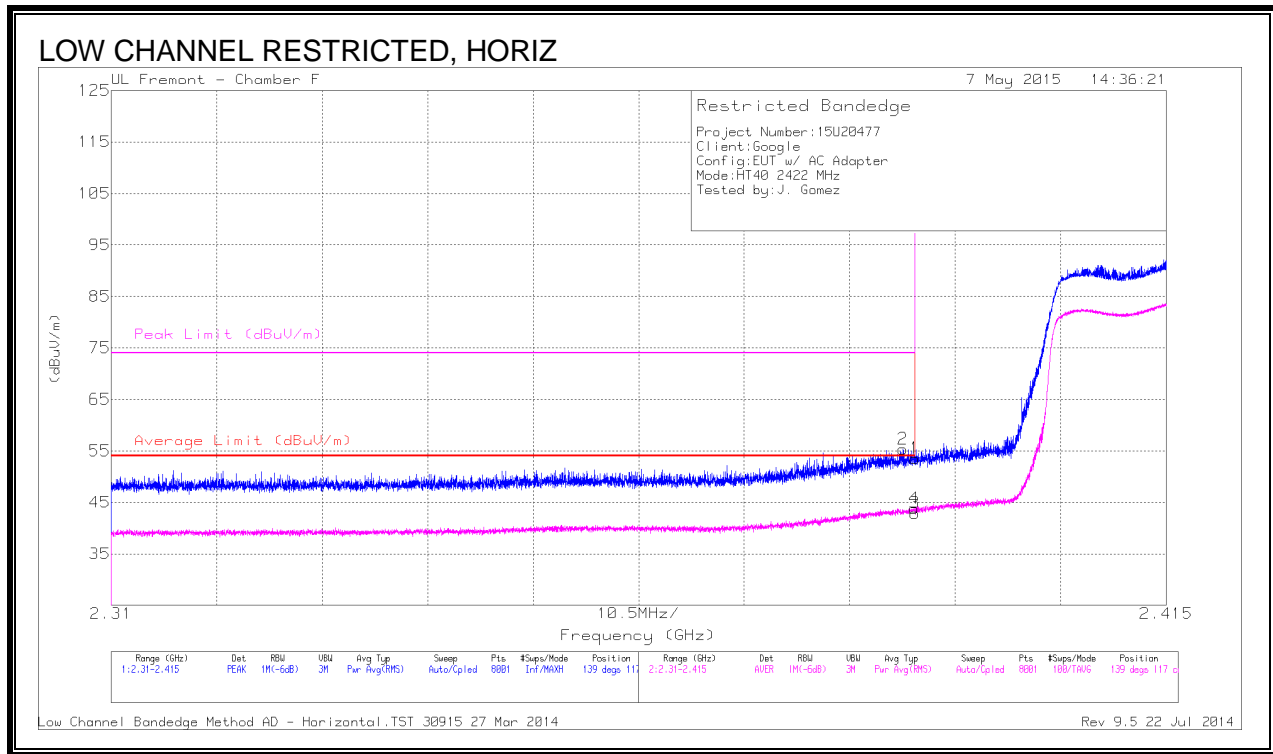
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average



### 9.2.8. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 2.4 GHz BAND ANTENNA 2

#### RESTRICTED BANDEDGE (LOW CHANNEL)

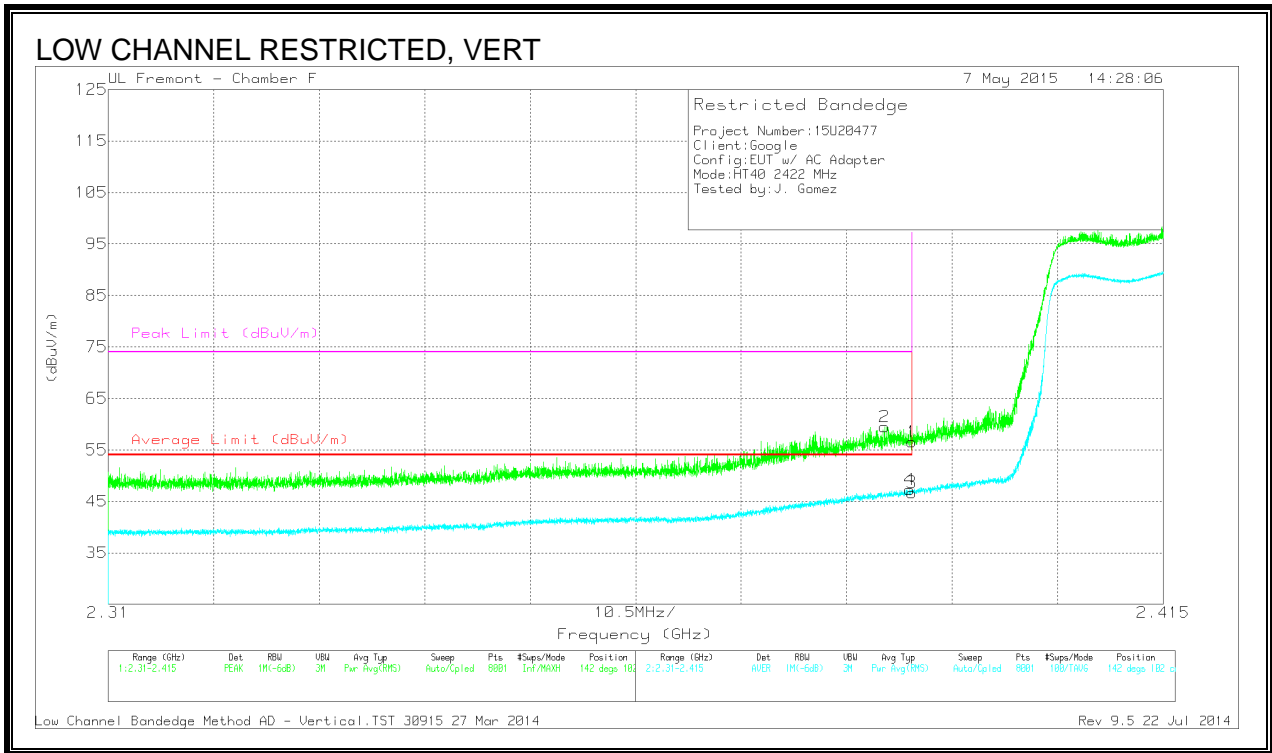


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.56	PK	31.9	-20.9	53.56	-	-	74	-20.44	139	117	H
2	* 2.389	44.35	PK	31.9	-20.9	55.35	-	-	74	-18.65	139	117	H
3	* 2.39	31.93	RMS	31.9	-20.9	42.93	54	-11.07	-	-	139	117	H
4	* 2.39	32.86	RMS	31.9	-20.9	43.86	54	-10.14	-	-	139	117	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



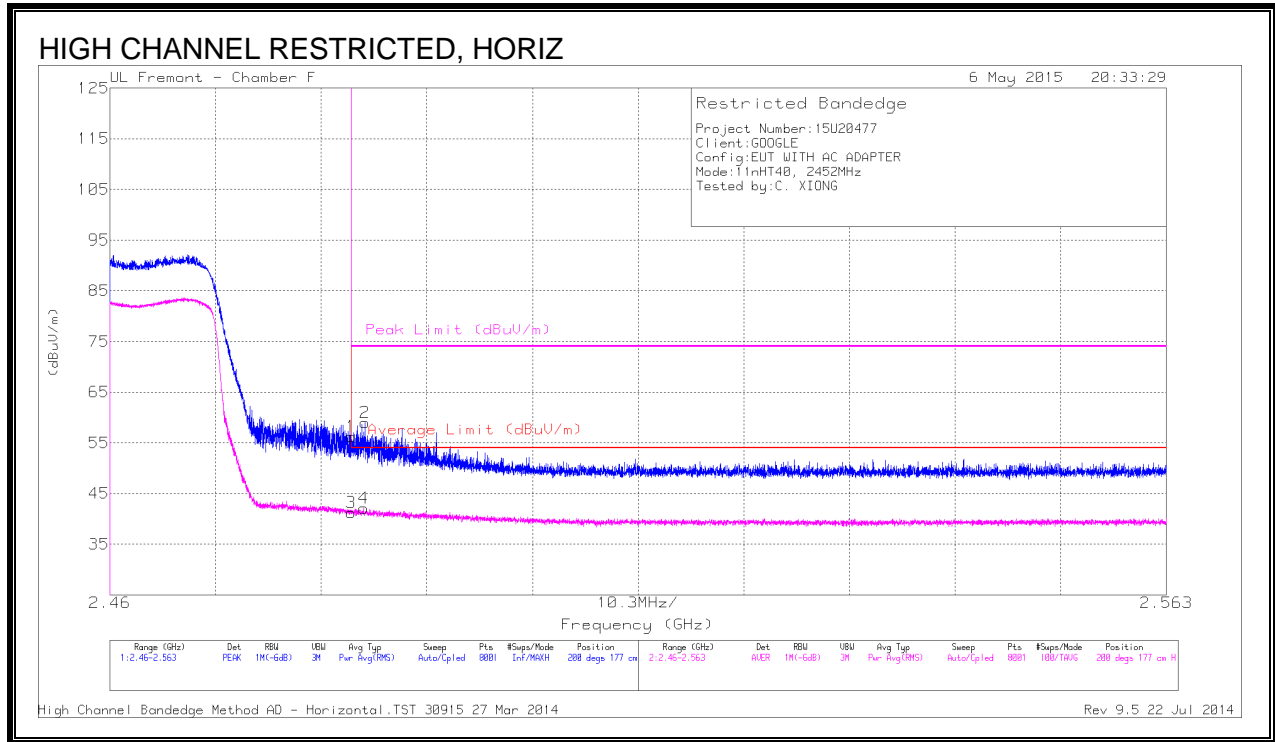
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	45.54	PK	31.9	-20.9	56.54	-	-	74	-17.46	142	102	V
2	* 2.387	48.5	PK	31.9	-20.9	59.5	-	-	74	-14.5	142	102	V
3	* 2.39	35.69	RMS	31.9	-20.9	46.69	54	-7.31	-	-	142	102	V
4	* 2.39	36.25	RMS	31.9	-20.9	47.25	54	-6.75	-	-	142	102	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection

**AUTHORIZED BANDEDGE (HIGH CHANNEL)**

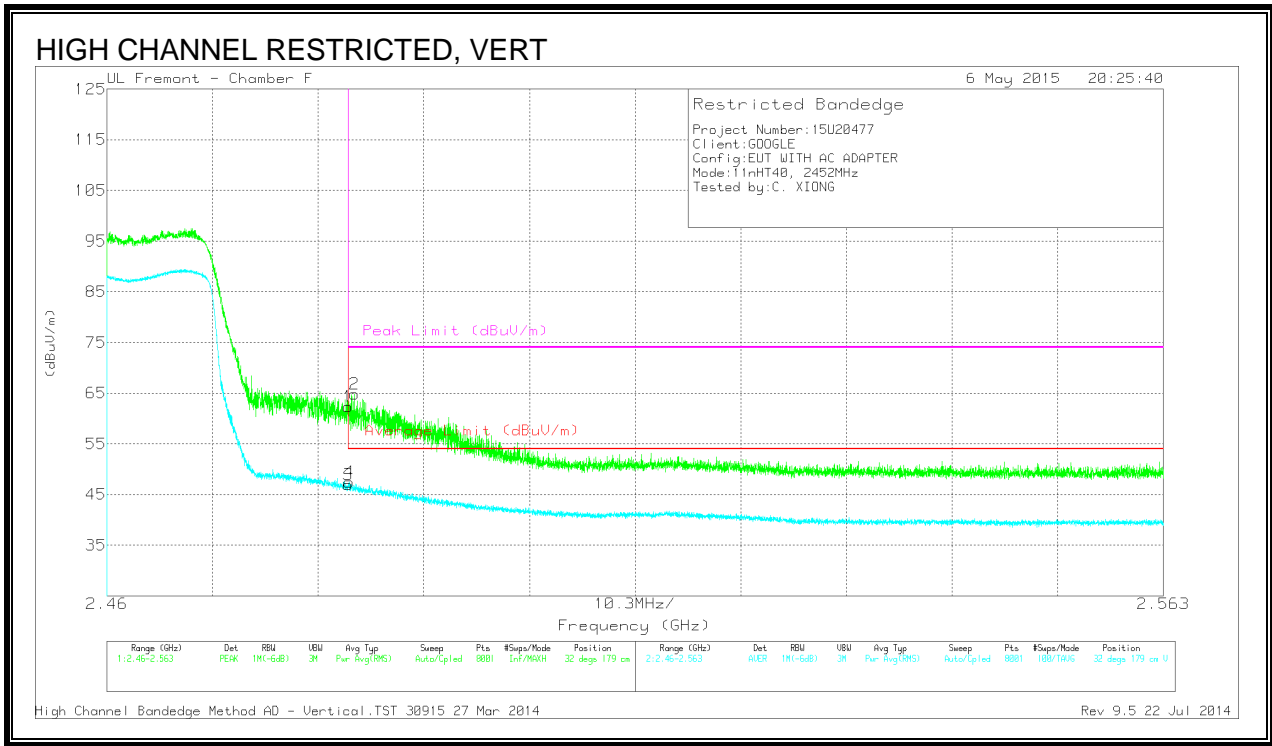


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.95	PK	32.2	-20.9	56.25	-	-	74	-17.75	200	177	H
2	* 2.485	47.66	PK	32.2	-20.9	58.96	-	-	74	-15.04	200	177	H
3	* 2.484	29.93	RMS	32.2	-20.9	41.23	54	-12.77	-	-	200	177	H
4	* 2.485	30.83	RMS	32.2	-20.9	42.13	54	-11.87	-	-	200	177	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/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	50.98	PK	32.2	-20.9	62.28	-	-	74	-11.72	32	179	V
2	* 2.484	53.51	PK	32.2	-20.9	64.81	-	-	74	-9.19	32	179	V
3	* 2.484	35.65	RMS	32.2	-20.9	46.95	54	-7.05	-	-	32	179	V
4	* 2.484	36.08	RMS	32.2	-20.9	47.38	54	-6.62	-	-	32	179	V

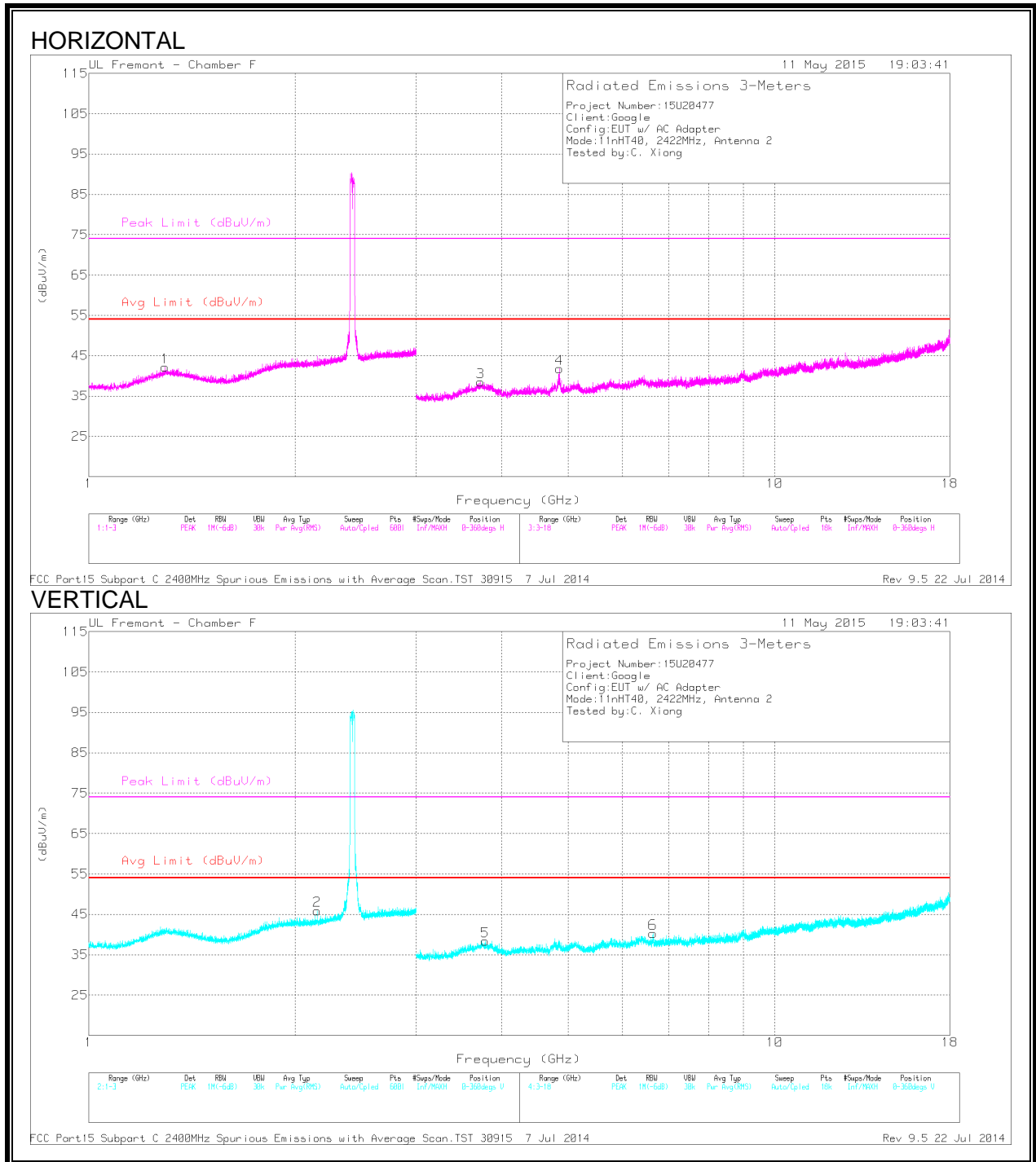
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

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/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	* 1.292	34.43	PK	30	-22.2	42.23	-	-	74	-31.77	0-360	201	H
2	2.151	35.52	PK	31.5	-21.1	45.92	-	-	-	-	0-360	101	V
3	* 3.727	33.33	PK	34.5	-29.3	38.53	-	-	74	-35.47	0-360	201	H
4	* 4.856	35.44	PK	34.1	-27.7	41.84	-	-	74	-32.16	0-360	100	H
5	* 3.782	32.89	PK	34.2	-28.7	38.39	-	-	74	-35.61	0-360	201	V
6	6.644	30.93	PK	35.8	-26.4	40.33	-	-	-	-	0-360	101	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

Radiated Emissions

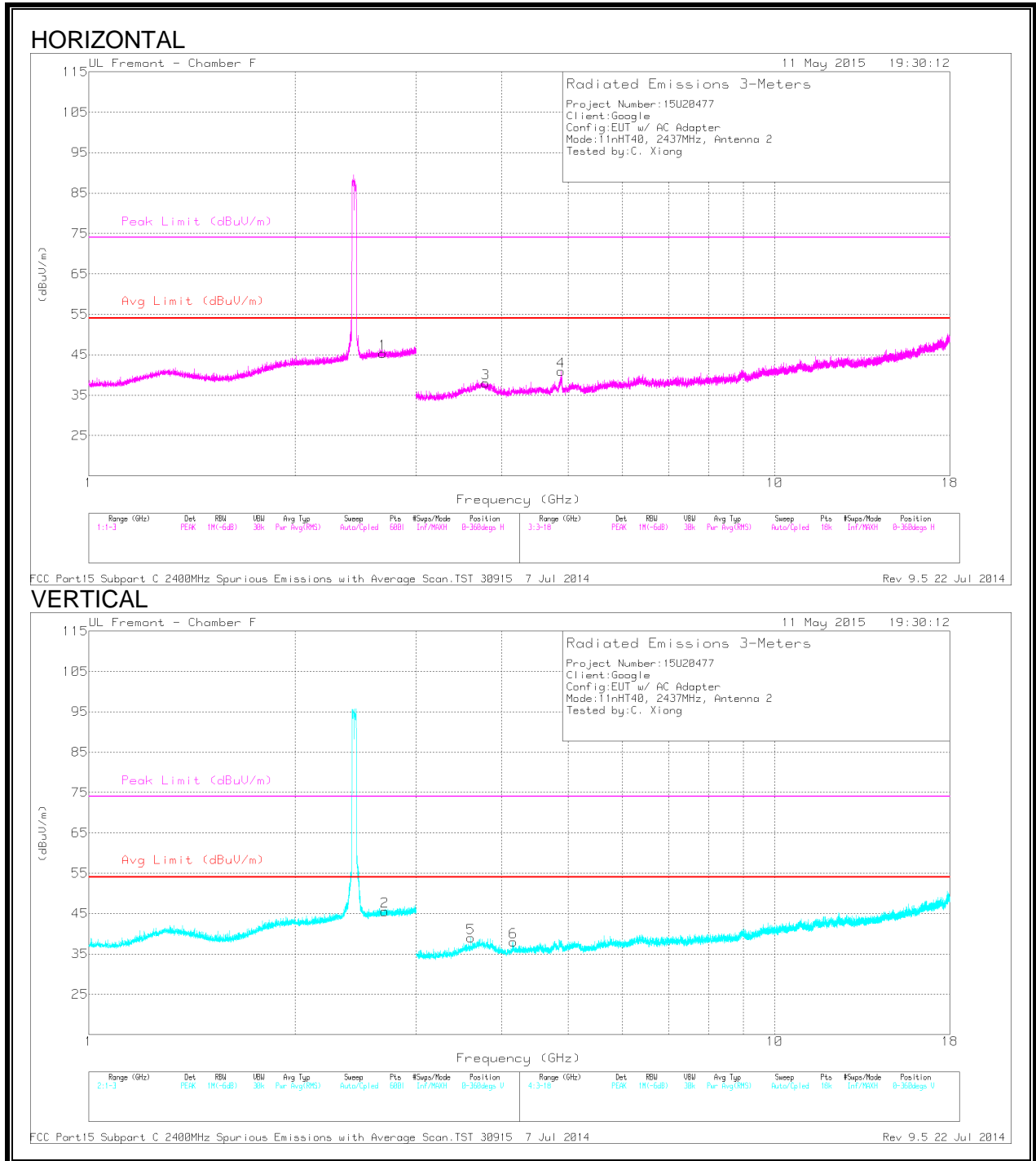
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.293	41.61	PK2	30	-22.2	49.41	-	-	74	-24.59	263	115	H
* 1.293	30.36	MAv1	30	-22.2	38.16	54	-15.84	-	-	263	115	H
2.151	41.63	PK2	31.5	-21.1	52.03	-	-	-	-	263	115	V
* 3.726	39.25	PK2	34.5	-29.3	44.45	-	-	74	-29.55	36	202	H
* 3.728	27.39	MAv1	34.5	-29.2	32.69	54	-21.31	-	-	36	202	H
* 4.849	47.3	PK2	34.1	-27.7	53.7	-	-	74	-20.3	43	138	H
* 4.846	30.7	MAv1	34.1	-27.7	37.1	54	-16.9	-	-	43	138	H
* 3.784	39.14	PK2	34.2	-28.7	44.64	-	-	74	-29.36	61	145	V
* 3.782	27.48	MAv1	34.2	-28.7	32.98	54	-21.02	-	-	61	145	V
6.645	36.87	PK2	35.8	-26.4	46.27	-	-	-	-	102	133	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-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/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	* 2.681	33.38	PK	32.7	-20.7	45.38	-	-	74	-28.62	0-360	201	H
2	* 2.703	33.44	PK	32.7	-20.6	45.54	-	-	74	-28.46	0-360	101	V
3	* 3.79	32.44	PK	34.2	-28.7	37.94	-	-	74	-36.06	0-360	101	H
4	* 4.877	34.61	PK	34.1	-27.8	40.91	-	-	74	-33.09	0-360	101	H
5	* 3.603	33.04	PK	35	-29	39.04	-	-	74	-34.96	0-360	101	V
6	* 4.157	32.62	PK	33.6	-28.2	38.02	-	-	74	-35.98	0-360	101	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

Radiated Emissions

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
* 2.683	41.85	PK2	32.7	-20.7	53.85	-	-	74	-20.15	11	142	H
* 2.68	30.26	MAv1	32.7	-20.7	42.26	54	-11.74	-	-	11	142	H
* 2.704	41.9	PK2	32.7	-20.6	54	-	-	74	-20	29	134	H
* 2.703	30.31	MAv1	32.7	-20.6	42.41	54	-11.59	-	-	29	134	H
* 3.791	38.81	PK2	34.2	-28.7	44.31	-	-	74	-29.69	46	175	H
* 3.79	27.39	MAv1	34.2	-28.7	32.89	54	-21.11	-	-	46	175	H
* 4.872	45.76	PK2	34.1	-27.8	52.06	-	-	74	-21.94	31	122	H
* 4.877	30.78	MAv1	34.1	-27.8	37.08	54	-16.92	-	-	31	122	H
* 3.603	38.13	PK2	35	-29	44.13	-	-	74	-29.87	18	156	V
* 3.605	27.47	MAv1	35	-29	33.47	54	-20.53	-	-	18	156	V
* 4.156	38.7	PK2	33.6	-28.2	44.1	-	-	74	-29.9	72	182	V
* 4.155	27.1	MAv1	33.6	-28.2	32.5	54	-21.5	-	-	72	182	V

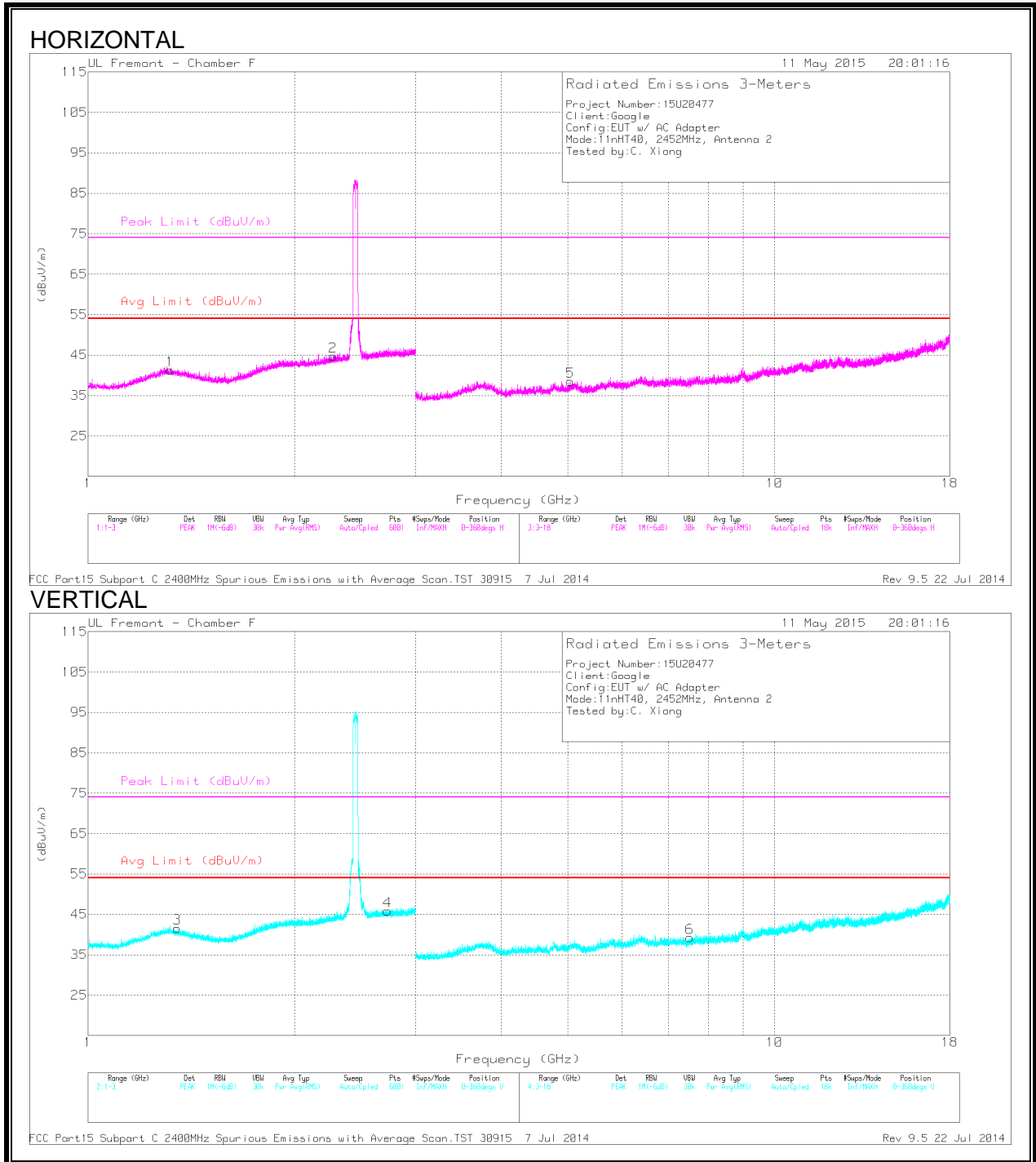
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

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/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	* 1.315	33.64	PK	29.9	-22.2	41.34	-	-	74	-32.66	0-360	201	H
2	* 2.273	34	PK	31.7	-21	44.7	-	-	74	-29.3	0-360	201	H
3	* 1.349	34.1	PK	29.6	-22.1	41.6	-	-	74	-32.4	0-360	201	V
4	* 2.731	33.82	PK	32.7	-20.7	45.82	-	-	74	-28.18	0-360	201	V
5	* 5.04	32.44	PK	34.2	-28.2	38.44	-	-	74	-35.56	0-360	201	H
6	* 7.525	29.33	PK	35.7	-25.8	39.23	-	-	74	-34.77	0-360	101	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

Radiated Emissions

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
* 1.316	41.8	PK2	29.9	-22.2	49.5	-	-	74	-24.5	8	115	H
* 1.314	30.41	MAv1	29.9	-22.2	38.11	54	-15.89	-	-	8	115	H
* 2.275	42.02	PK2	31.7	-21	52.72	-	-	74	-21.28	27	122	H
* 2.272	30.27	MAv1	31.7	-21	40.97	54	-13.03	-	-	27	122	H
* 1.349	42.24	PK2	29.6	-22.1	49.74	-	-	74	-24.26	36	155	V
* 1.349	30.57	MAv1	29.6	-22.1	38.07	54	-15.93	-	-	36	155	V
* 2.732	41.5	PK2	32.7	-20.6	53.6	-	-	74	-20.4	39	212	V
* 2.732	30.25	MAv1	32.7	-20.6	42.35	54	-11.65	-	-	39	212	V
* 5.041	37.98	PK2	34.2	-28.2	43.98	-	-	74	-30.02	58	184	H
* 5.041	27.43	MAv1	34.2	-28.2	33.43	54	-20.57	-	-	58	184	H
* 7.524	37	PK2	35.7	-25.8	46.9	-	-	74	-27.1	128	139	V
* 7.523	25.81	MAv1	35.7	-25.8	35.71	54	-18.29	-	-	128	139	V

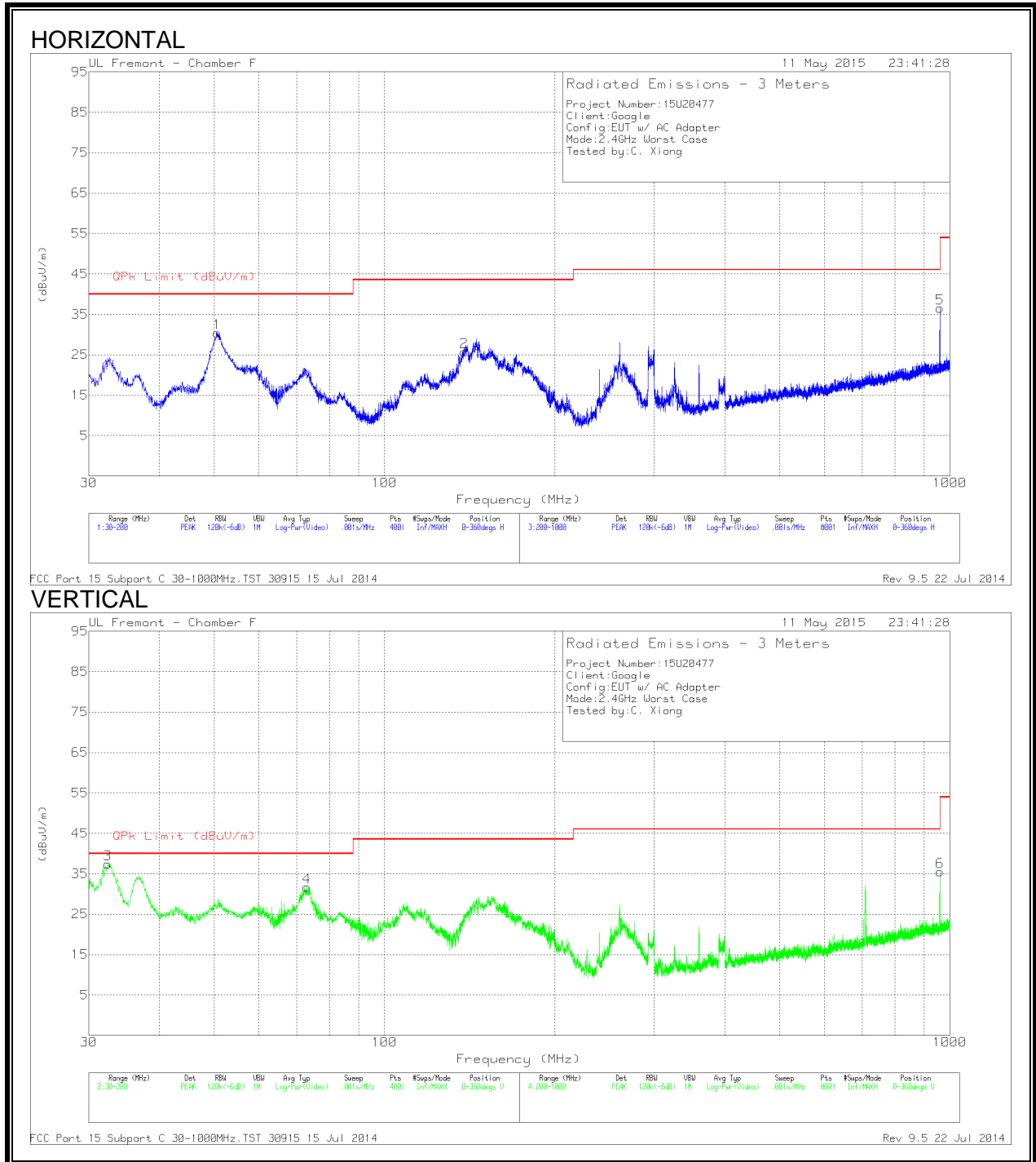
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

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)



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T122 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	50.655	53.99	PK	8.1	-31.7	30.39	40	-9.61	0-360	401	H
2	138.2475	43.48	PK	13.2	-31	25.68	43.52	-17.84	0-360	201	H
3	32.4416	46.11	QP	19.3	-31.9	33.51	40	-6.49	196	109	V
4	72.9675	54.83	PK	8.4	-31.5	31.73	40	-8.27	0-360	100	V
5	* 960	41.08	PK	22.1	-26.7	36.48	46.02	-9.54	0-360	100	H
6	* 960	40.07	PK	22.1	-26.7	35.47	46.02	-10.55	0-360	100	V

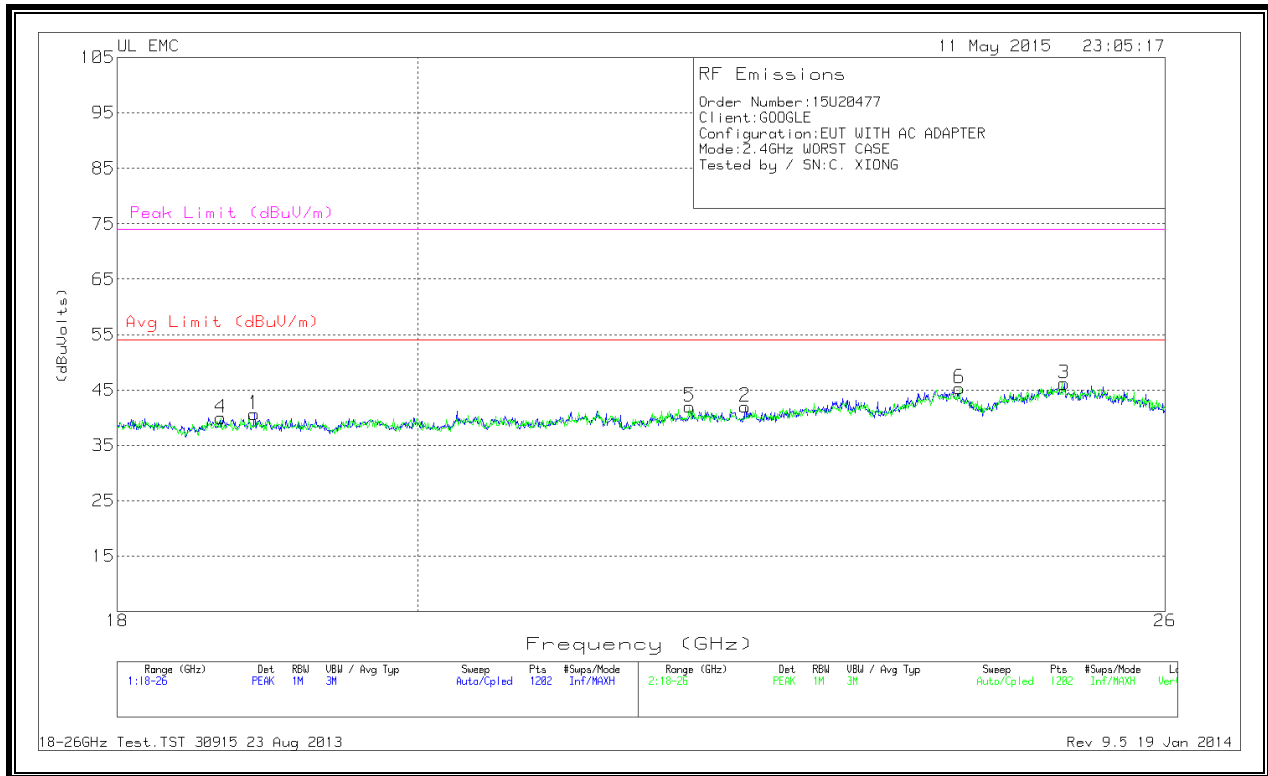
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

QP - Quasi-Peak detector

### 9.4. WORST-CASE ABOVE 18GHz

#### SPURIOUS EMISSIONS 18 TO 26 GHz (WORST-CASE CONFIGURATION)



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	18.886	42.67	PK	32.8	-25.3	-9.5	40.67	54	-13.33	74	-33.33
2	22.436	42	PK	33.7	-24.2	-9.5	42	54	-12	74	-32
3	25.094	45.27	PK	34.5	-24.1	-9.5	46.17	54	-7.83	74	-27.83
4	18.666	41.4	PK	32.7	-24.6	-9.5	40	54	-14	74	-34
5	22.003	42.5	PK	33.7	-24.7	-9.5	42	54	-12	74	-32
6	24.188	44.23	PK	34.2	-23.6	-9.5	45.33	54	-8.67	74	-28.67

## 10. AC POWER LINE CONDUCTED EMISSIONS

### LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

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.

**RESULTS**

**6 WORST EMISSIONS**

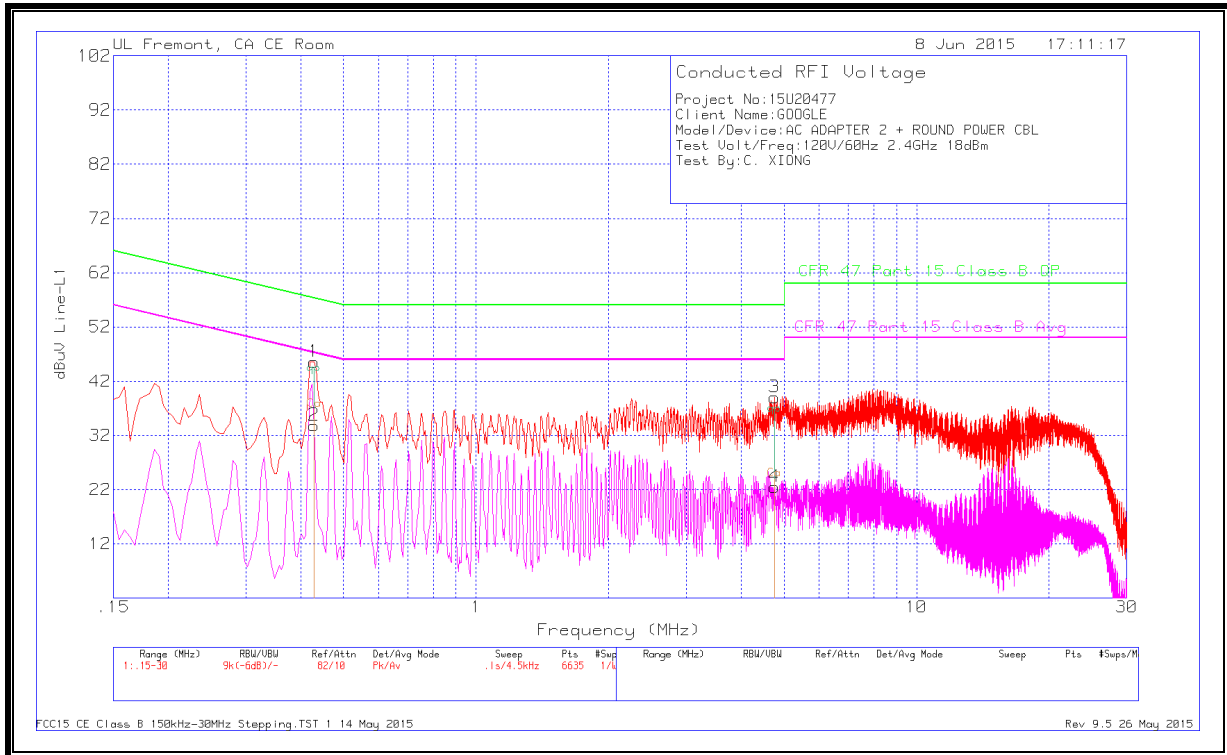
Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	Margin (dB)	CFR 47 Part 15 Class B Avg	Margin (dB)
1	.42788	42.97	Qp	.4	0	43.37	57.29	-13.92	-	-
2	.42788	36.4	Ca	.4	0	36.8	-	-	47.29	-10.49
3	4.75238	35.59	Qp	.2	.1	35.89	56	-20.11	-	-
4	4.75238	23.67	Ca	.2	.1	23.97	-	-	46	-22.03

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)
5	.42788	38.92	Qp	.4	0	39.32	57.29	-17.97	-	-
6	.42788	32.01	Ca	.4	0	32.41	-	-	47.29	-14.88
7	.90218	37.06	Qp	.3	0	37.36	56	-18.64	-	-
8	.90218	24	Ca	.3	0	24.3	-	-	46	-21.7
9	1.14113	37.09	Qp	.3	0	37.39	56	-18.61	-	-
10	1.14113	22.14	Ca	.3	0	22.44	-	-	46	-23.56
11	2.38178	35.24	Qp	.2	.1	35.54	56	-20.46	-	-
12	2.38178	22.44	Ca	.2	.1	22.74	-	-	46	-23.26

Ca - CISPR average detection

Qp - Quasi-Peak detector

**LINE 1 RESULTS**





**LINE 2 RESULTS**

