RESULTS

Limits

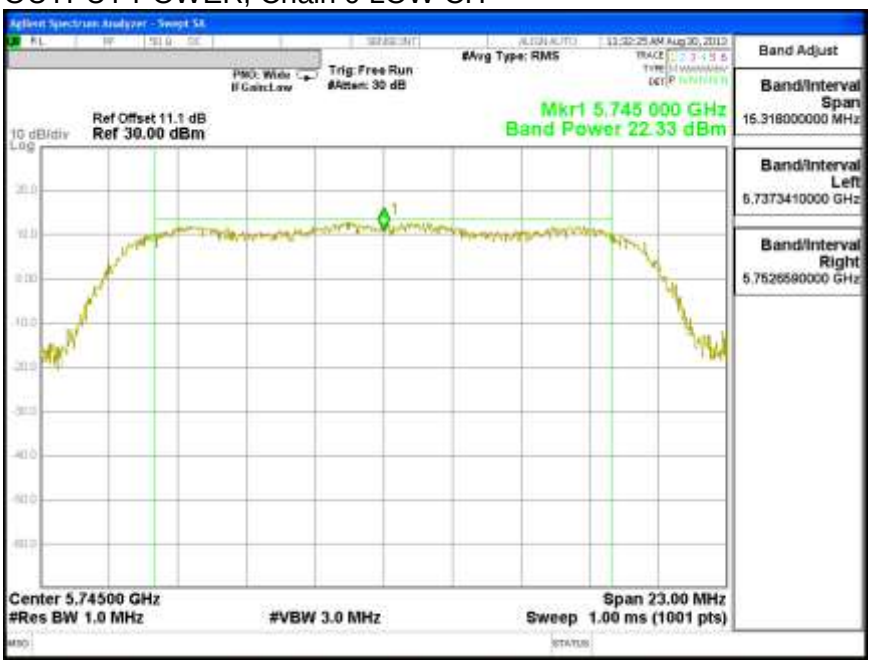
Channel	Frequency (MHz)	Directional Gain (dBi)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Max Power (dBm)
Low	5745	3.25	30.00	30	36	30.00
Mid	5785	3.25	30.00	30	36	30.00
High	5825	3.25	30.00	30	36	30.00

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	5745	22.33	22.60	25.48	30.00	-4.52
Mid	5785	22.60	22.20	25.41	30.00	-4.59
High	5825	22.49	22.46	25.49	30.00	-4.51

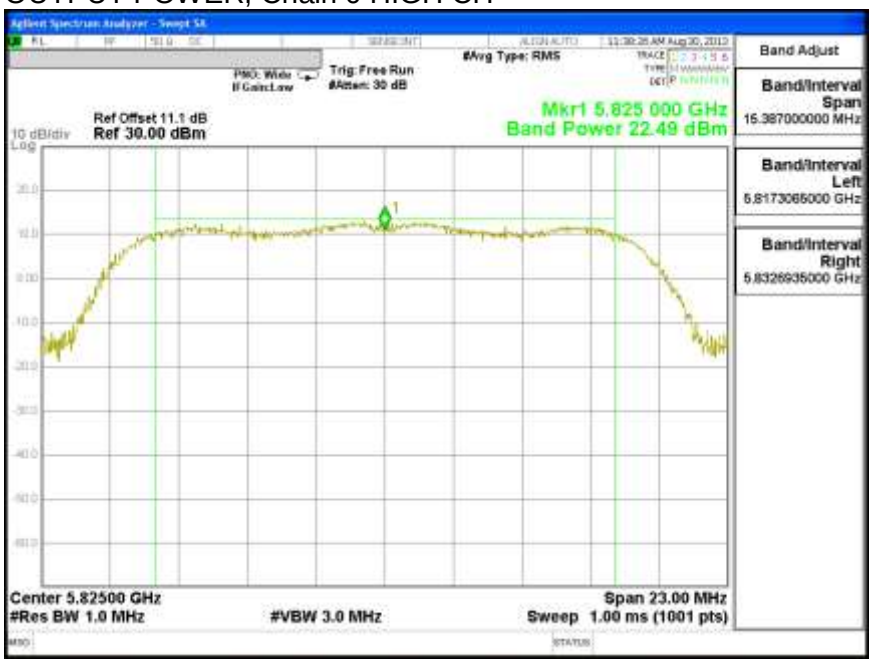
OUTPUT POWER, Chain 0

OUTPUT POWER, Chain 0 LOW CH



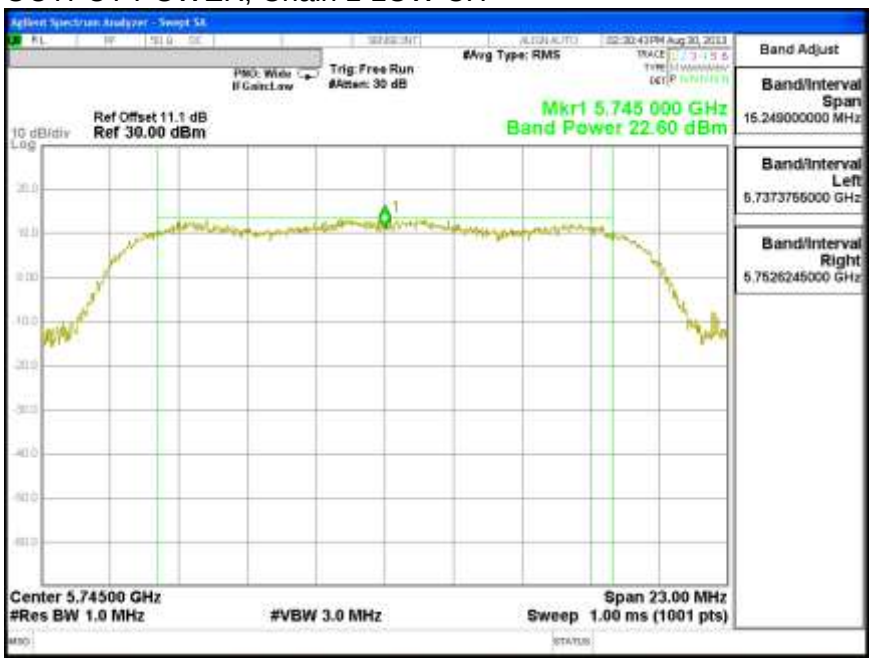
OUTPUT POWER, Chain 0 MID CH

OUTPUT POWER, Chain 0 HIGH CH

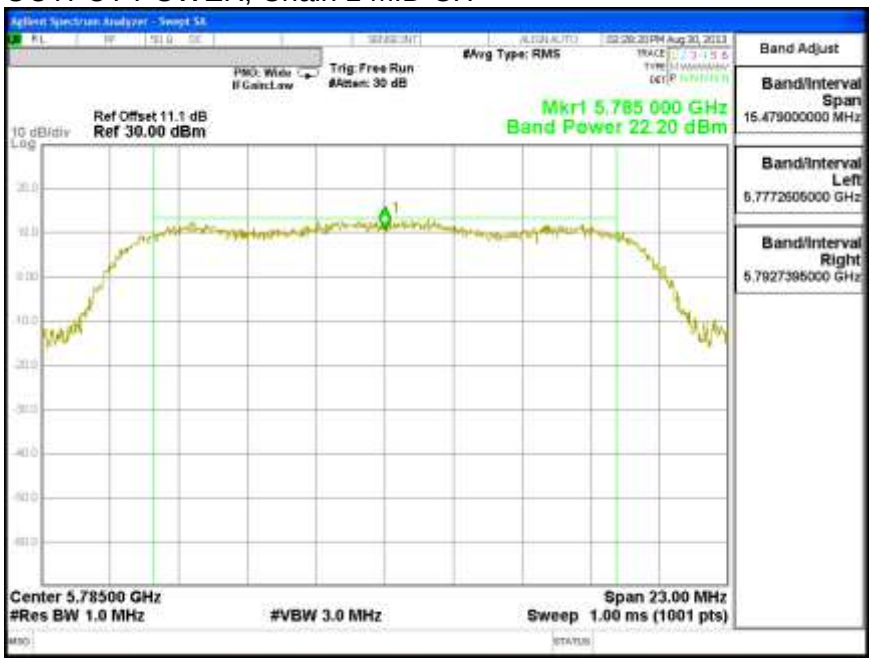


OUTPUT POWER, Chain 1

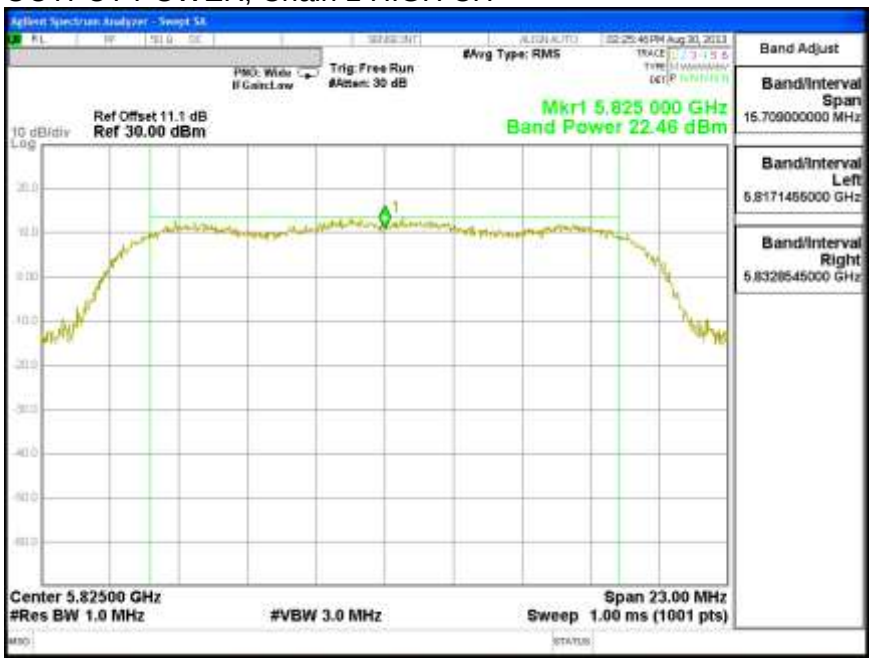
OUTPUT POWER, Chain 1 LOW CH



OUTPUT POWER, Chain 1 MID CH



OUTPUT POWER, Chain 1 HIGH CH



8.5.5. PSD

LIMITS

FCC §15.247

IC RSS-210 A8.2

The power spectral density conducted from the transmitter to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

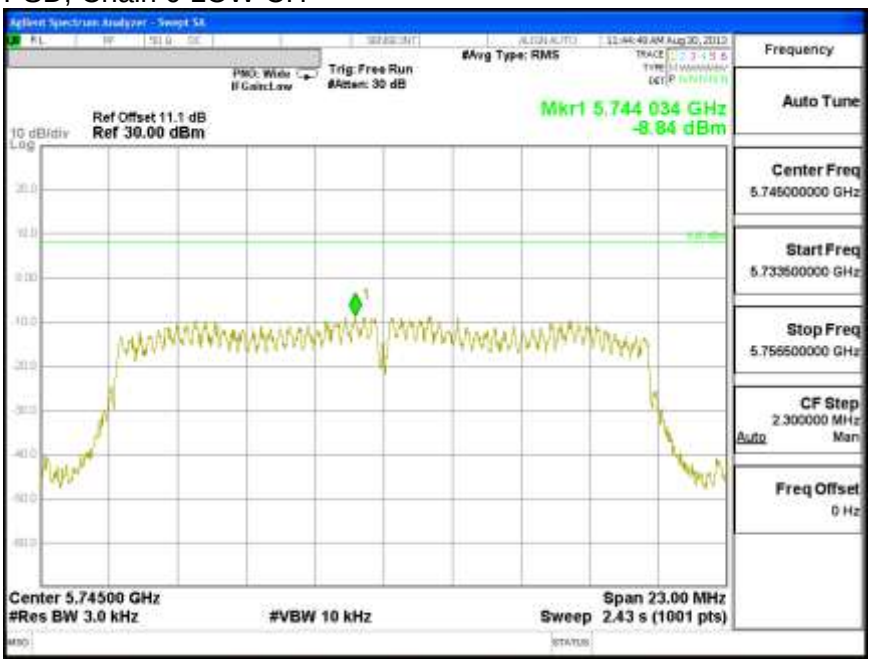
RESULTS

PSD Results

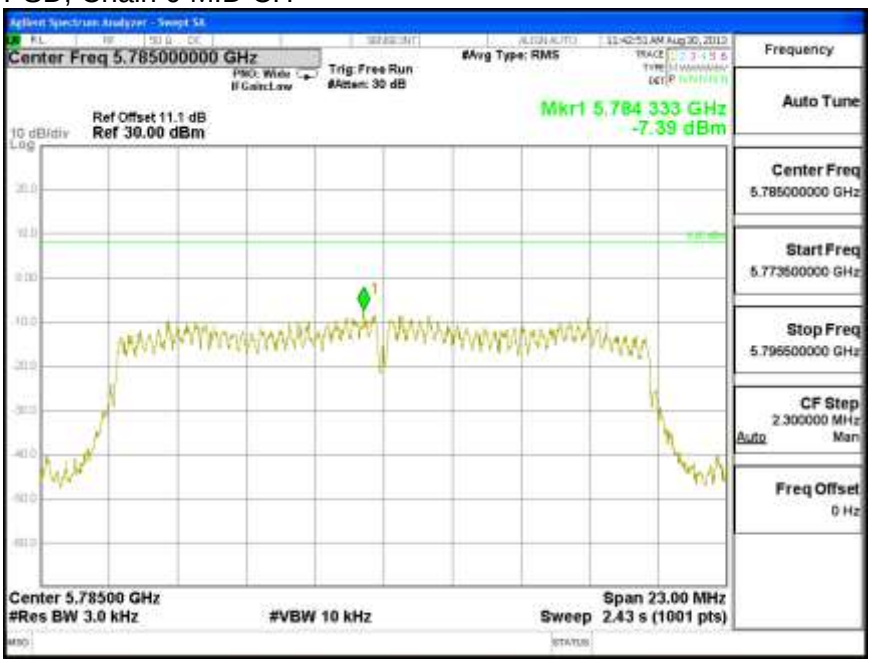
Channel	Frequency (MHz)	Chain 0 Meas (dBm)	Chain 1 Meas (dBm)	Total PSD (dBm)	Limit (dBm)	Margin (dB)
Low	5745	-8.84	-8.60	-5.71	8.0	-13.7
Mid	5785	-7.39	-8.43	-4.87	8.0	-12.9
High	5825	-8.89	-8.36	-5.61	8.0	-13.6

PSD, Chain 0

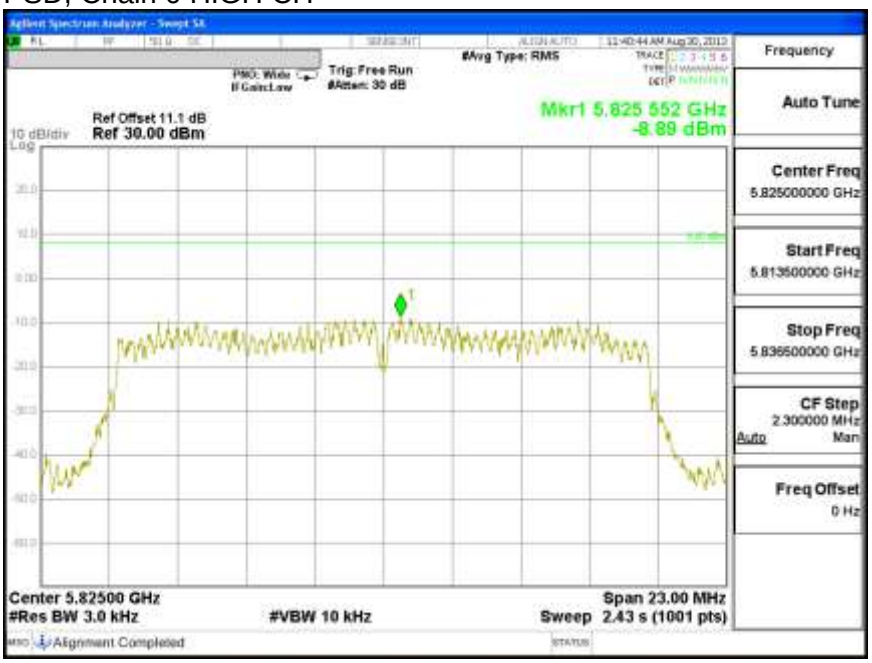
PSD, Chain 0 LOW CH



PSD, Chain 0 MID CH

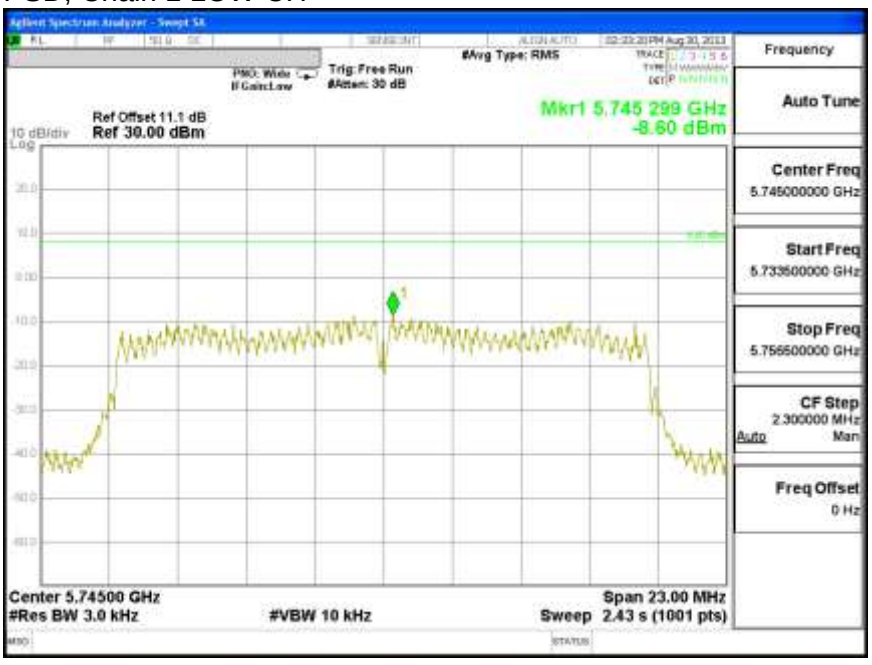


PSD, Chain 0 HIGH CH

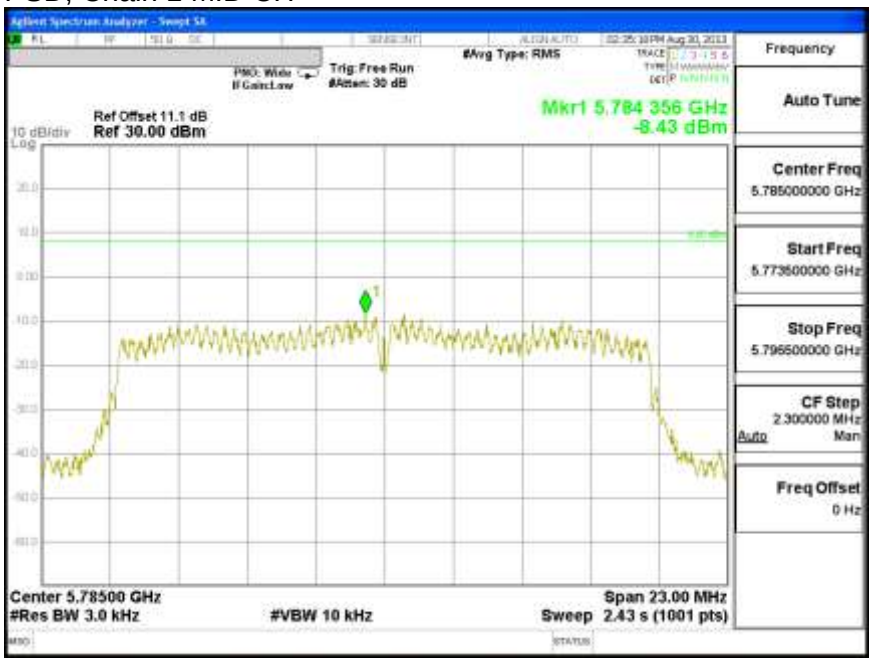


PSD, Chain 1

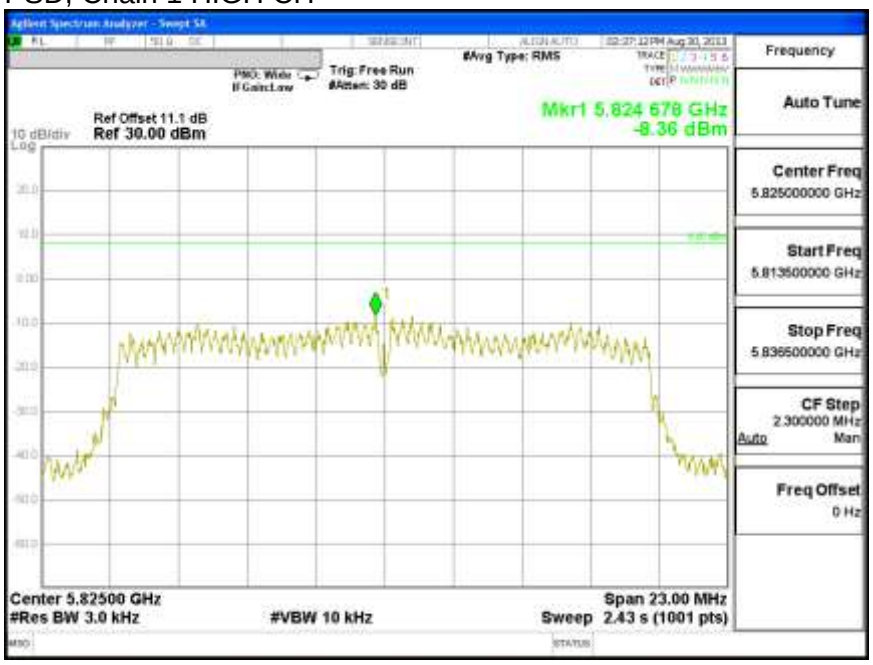
PSD, Chain 1 LOW CH



PSD, Chain 1 MID CH



PSD, Chain 1 HIGH CH



8.5.6. OUT-OF-BAND EMISSIONS

LIMITS

FCC §15.247 (d)

IC RSS-210 A8.5

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.

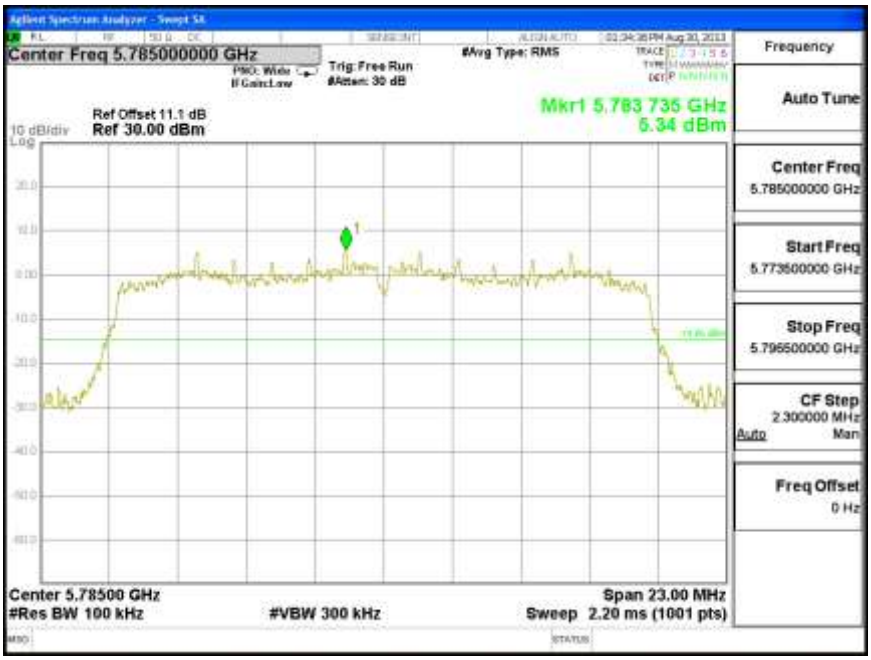
TEST PROCEDURE

The transmitter output is connected to a spectrum analyzer with RBW = 100 kHz, VBW = 300 kHz, peak detector, and max hold. Measurements utilizing these settings are made of the in-band reference level, bandedge (where measurements to the general radiated limits will not be made) and out-of-band emissions.

RESULTS

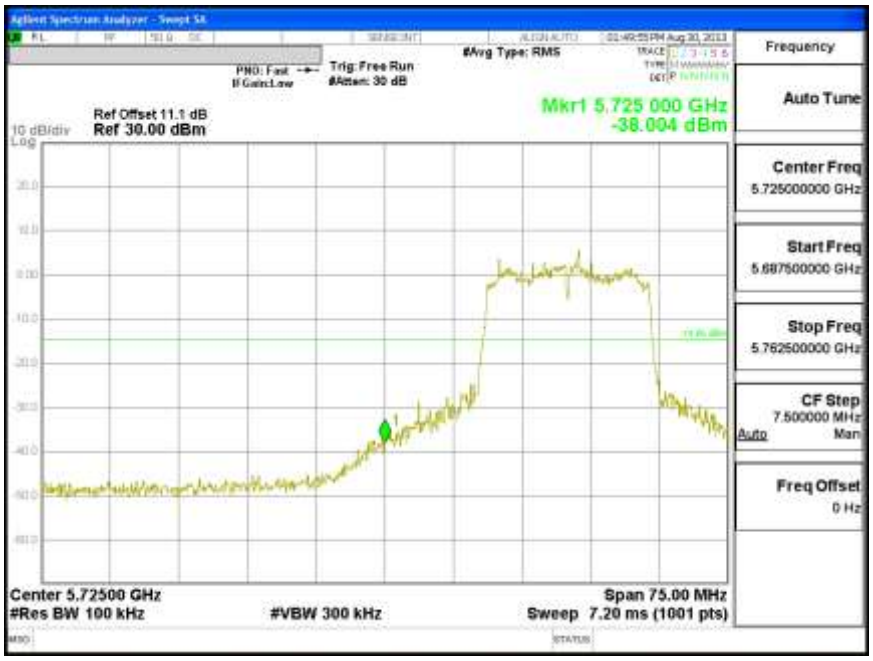
IN-BAND REFERENCE LEVEL, Chain 0

REFERENCE LEVEL Chain 0 MID CH



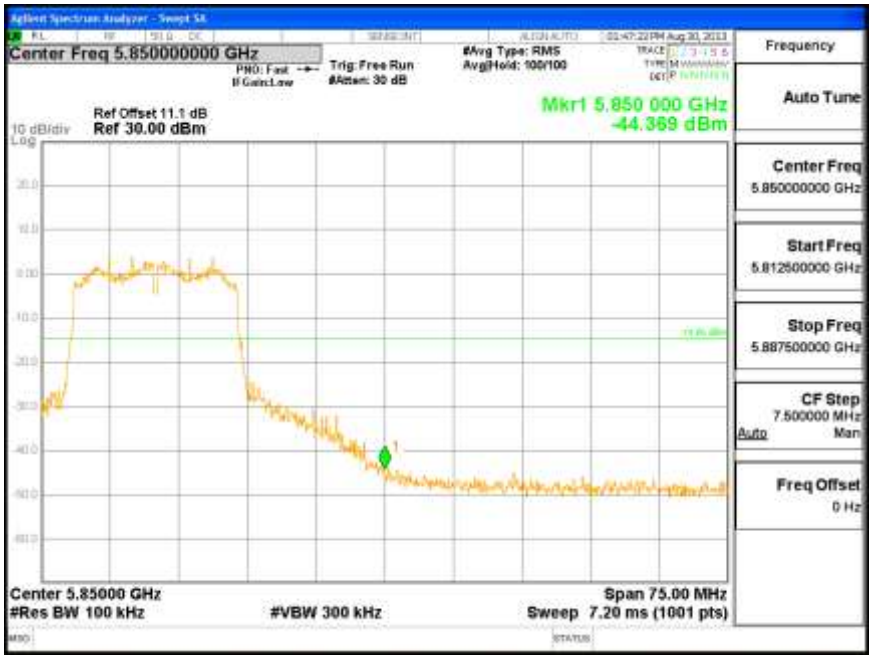
LOW CHANNEL BANDEDGE, Chain 0

AUTHORIZED BAND EDGE Chain 0 LOW CH



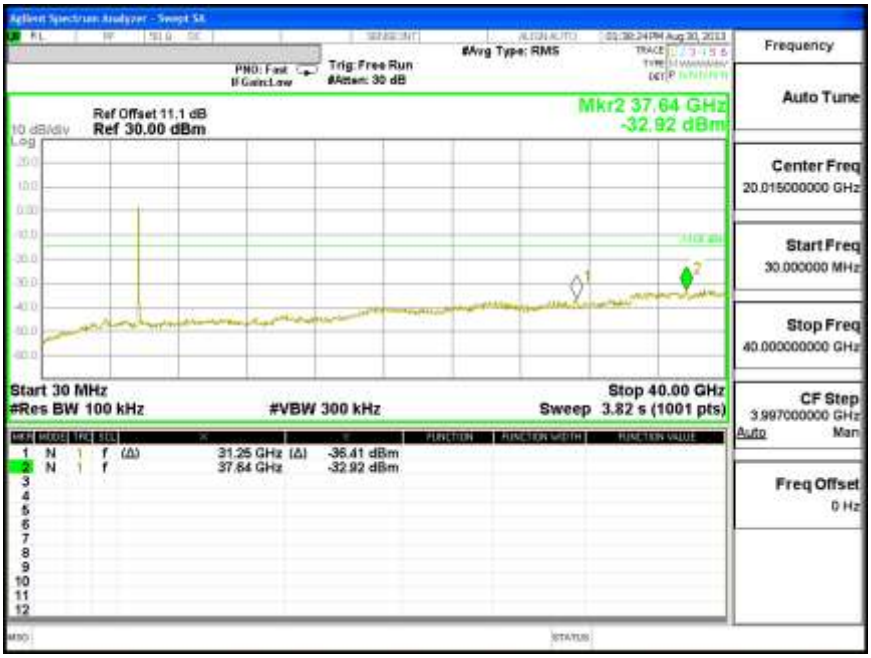
HIGH CHANNEL BANDEDGE, Chain 0

AUTHORIZED BAND EDGE Chain 0 HIGH CH

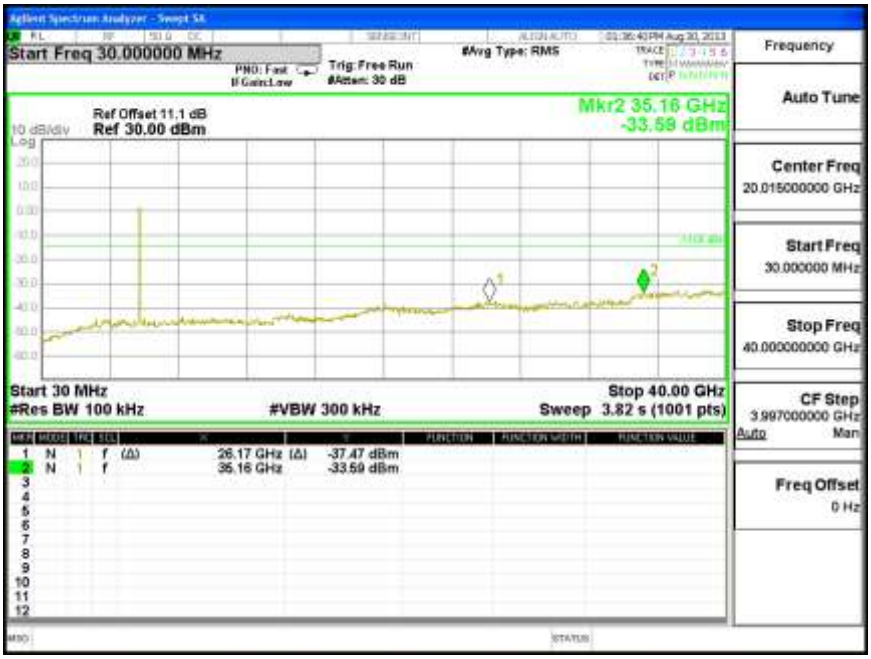


OUT-OF-BAND EMISSIONS, Chain 0

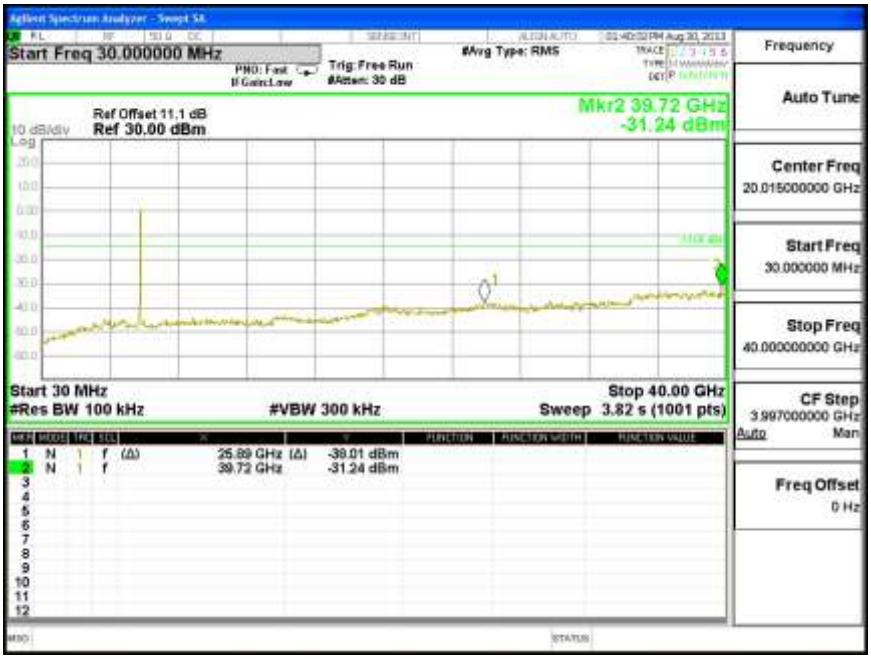
OUT OF BAND Chain 0 LOW CH



OUT OF BAND Chain 0 MID CH

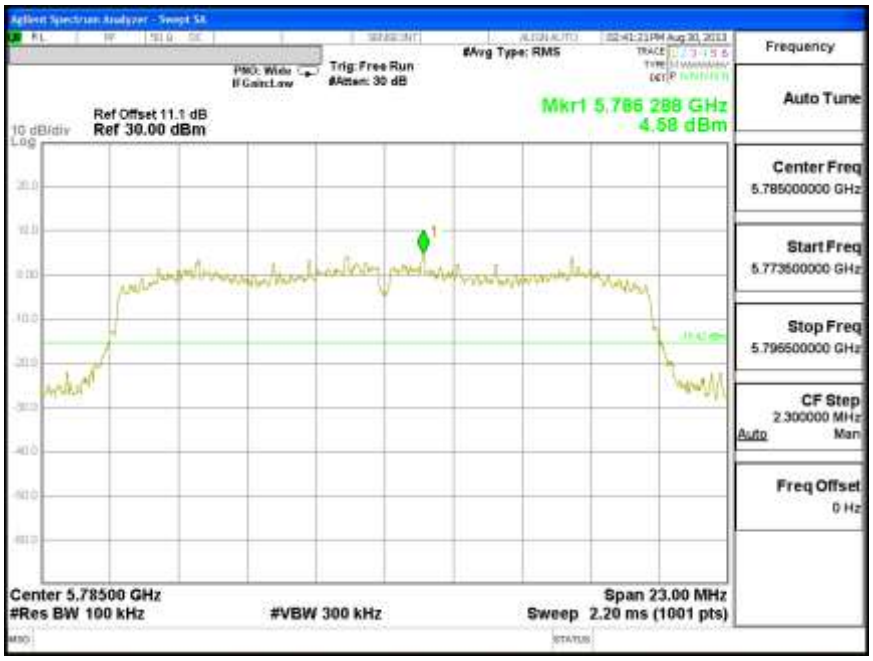


OUT OF BAND Chain 0 HIGH CH



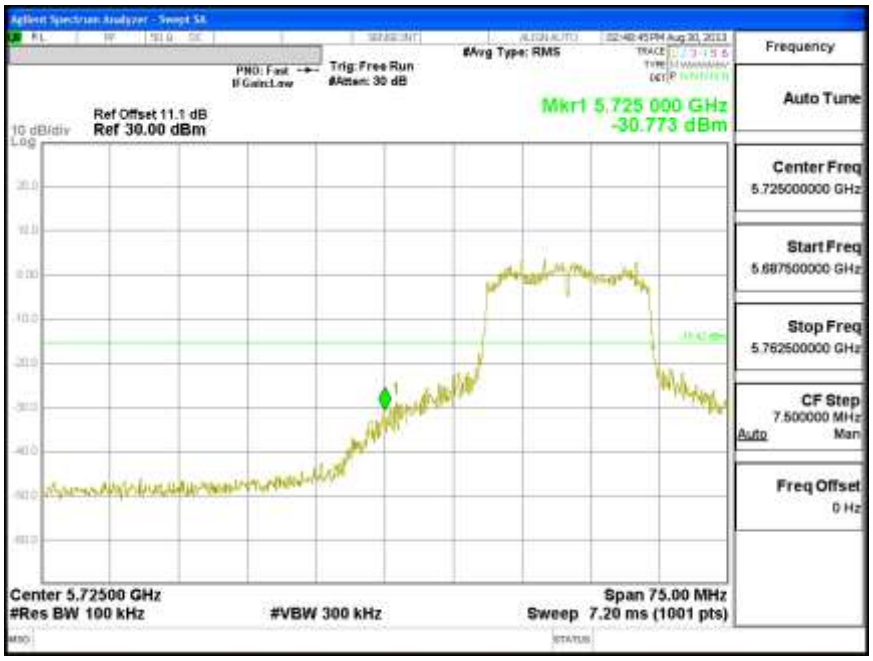
IN-BAND REFERENCE LEVEL, Chain 1

REFERENCE LEVEL Chain 1 MID CH



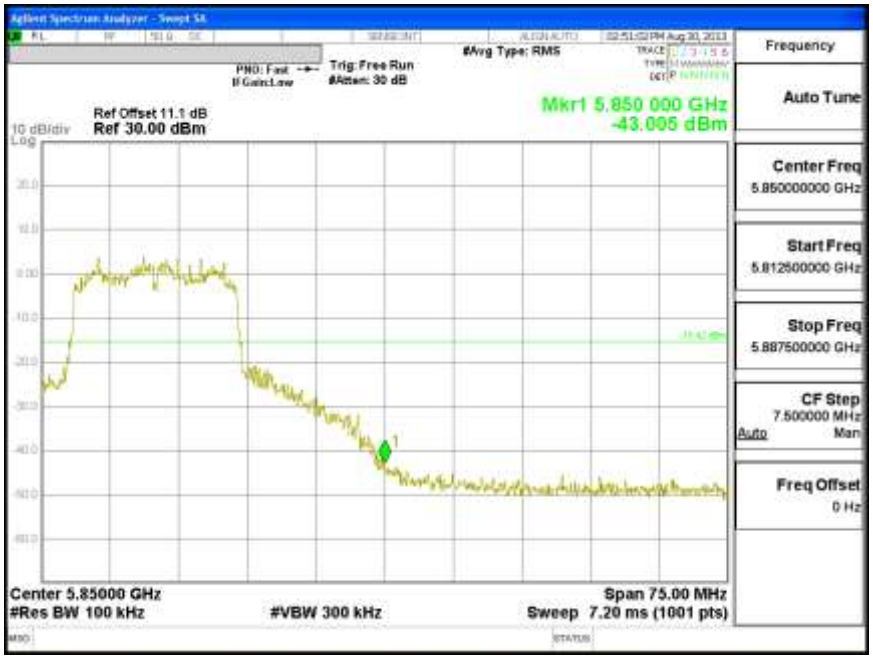
LOW CHANNEL BANDEDGE, Chain 1

AUTHORIZED BAND EDGE Chain 1 LOW CH

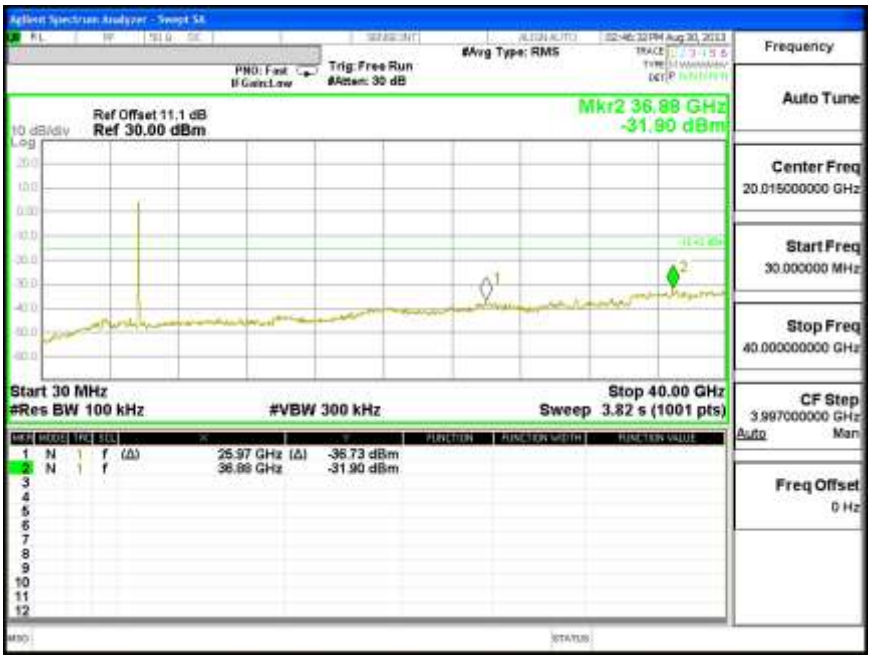


HIGH CHANNEL BANDEDGE, Chain 1

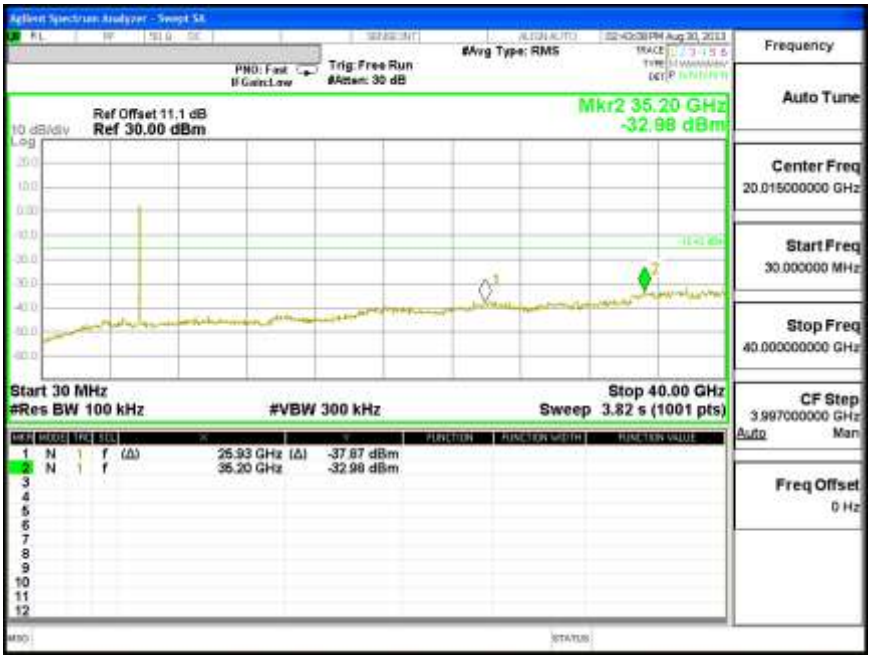
AUTHORIZED BAND EDGE Chain 1 HIGH CH



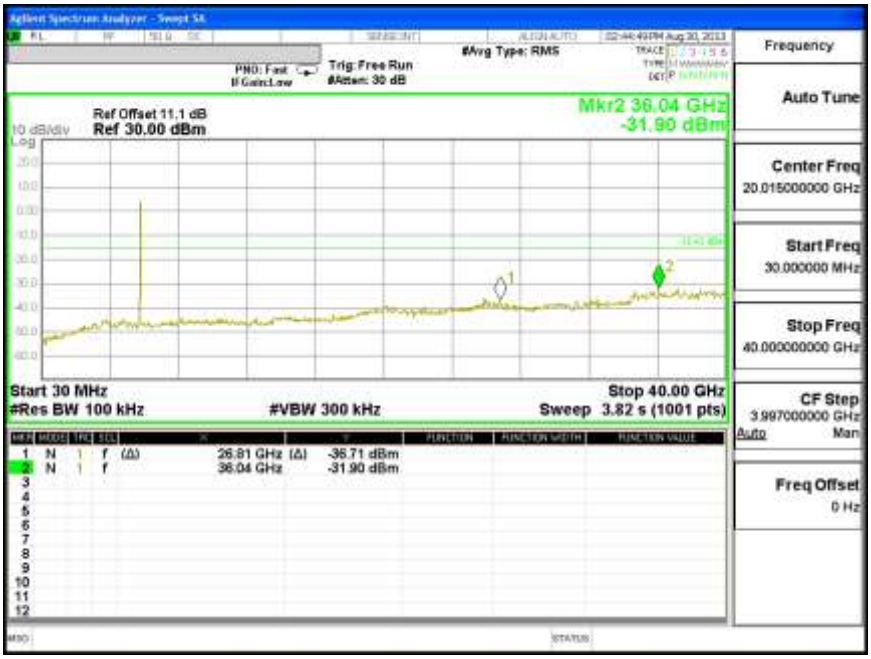
OUT OF BAND Chain 1 LOW CH



OUT OF BAND Chain 1 MID CH



OUT OF BAND Chain 1 HIGH CH



8.6. 802.11n HT40 MODE IN THE 5.8 GHz BAND

8.6.1. 6 dB BANDWIDTH

LIMITS

FCC §15.247 (a) (2)

IC RSS-210 A8.2 (a)

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

TEST PROCEDURE

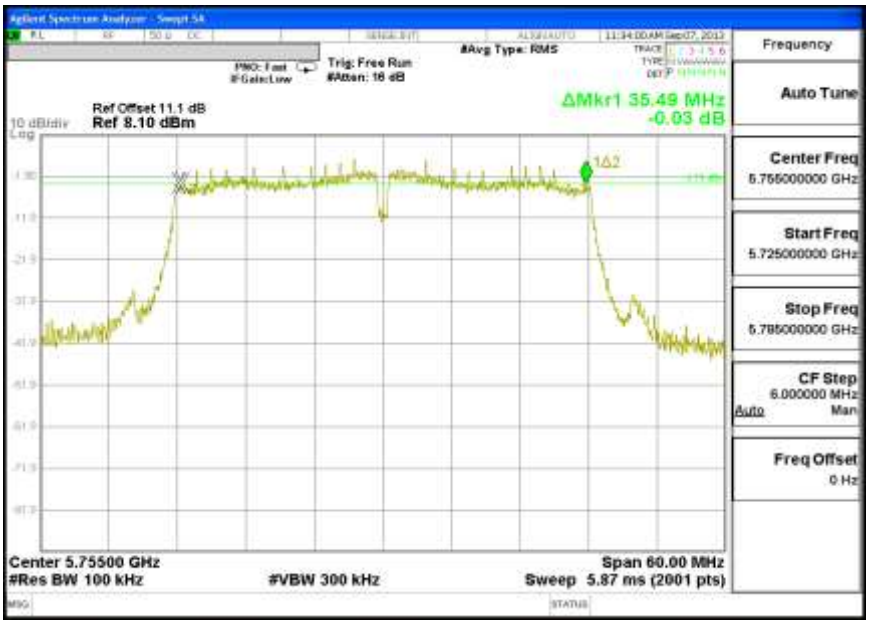
KDB 558074 D01 v01 “Guidance for Performing Compliance Measurements on Digital Transmission Systems (DTS) Operating Under 15.247”.

RESULTS

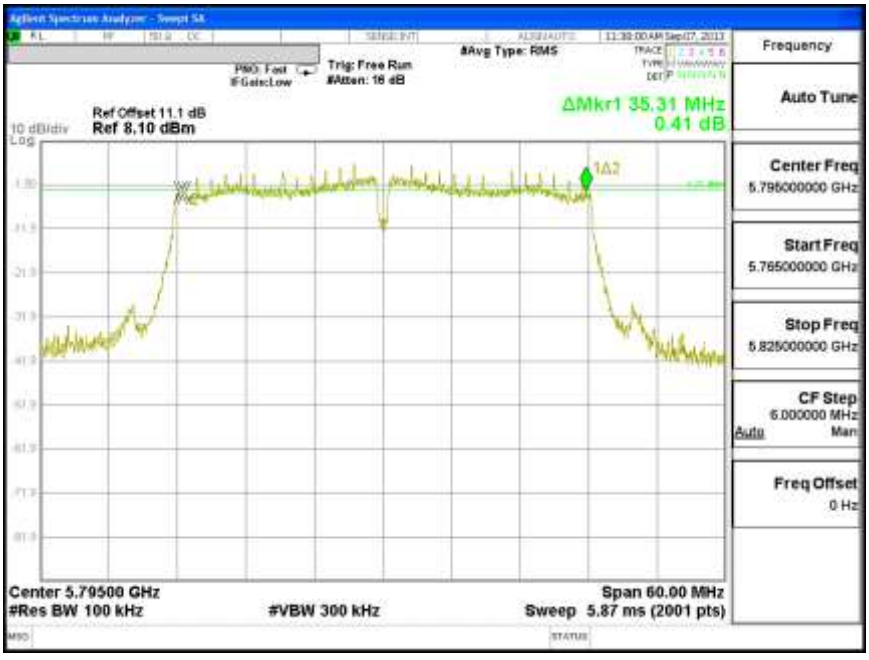
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	35.490	0.5
High	5795	35.310	0.5

6 dB BANDWIDTH

6 dB BANDWIDTH LOW CH



6 dB BANDWIDTH HIGH CH



8.6.2. 99% BANDWIDTH

LIMITS

None; for reporting purposes only.

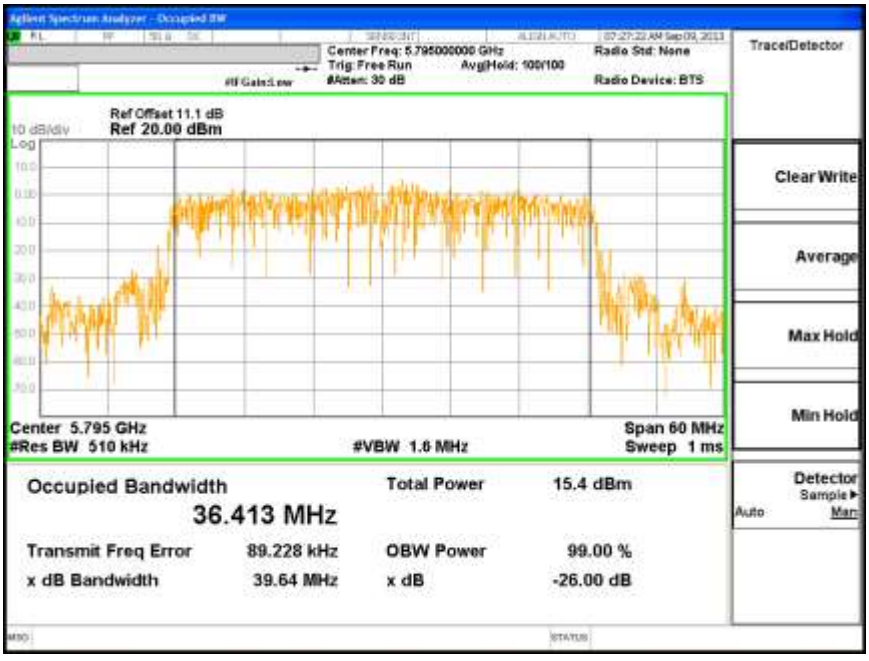
RESULTS

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5755	36.0750
High	5795	36.4130

99% BANDWIDTH

99% BANDWIDTH LOW CH

99% BANDWIDTH HIGH CH



8.6.3. AVERAGE POWER

LIMITS

None; for reporting purposes only.

TEST PROCEDURE

The transmitter output is connected to a power meter.

The cable assembly insertion loss of 11.1 dB (including 10 dB pad and 1.1 dB cable) was entered as an offset in the power meter to allow for direct reading of power.

RESULTS

Channel	Frequency (MHz)	Power (dBm)
Low	5755	15.45
High	5795	15.50

8.6.4. OUTPUT POWER

LIMITS

FCC §15.247

IC RSS-210 A8.4

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

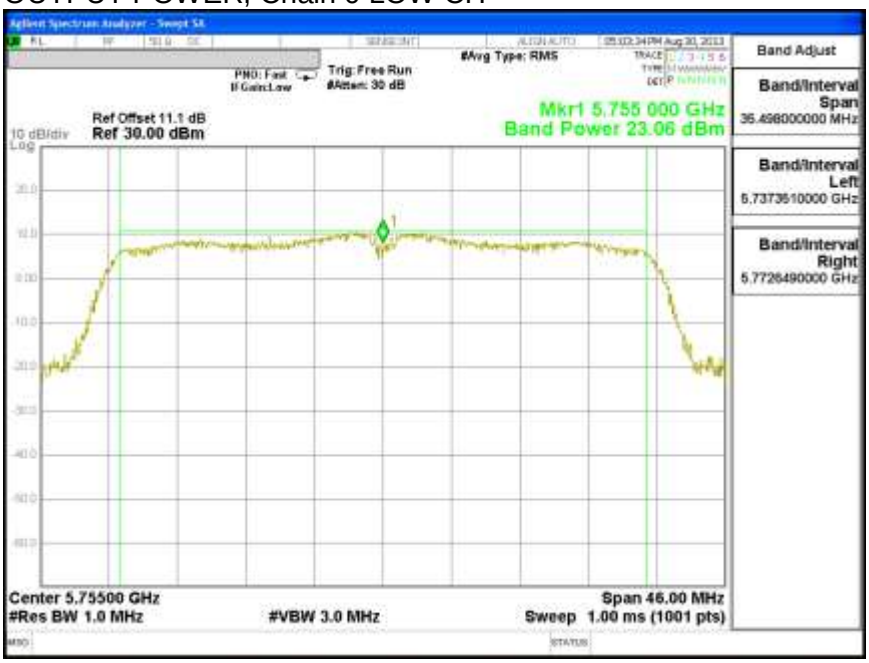
Channel	Frequency (MHz)	Directional Gain (dBi)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Max Power (dBm)
Low	5755	2.68	30.00	30	36	30.00
High	5795	2.68	30.00	30	36	30.00

Results

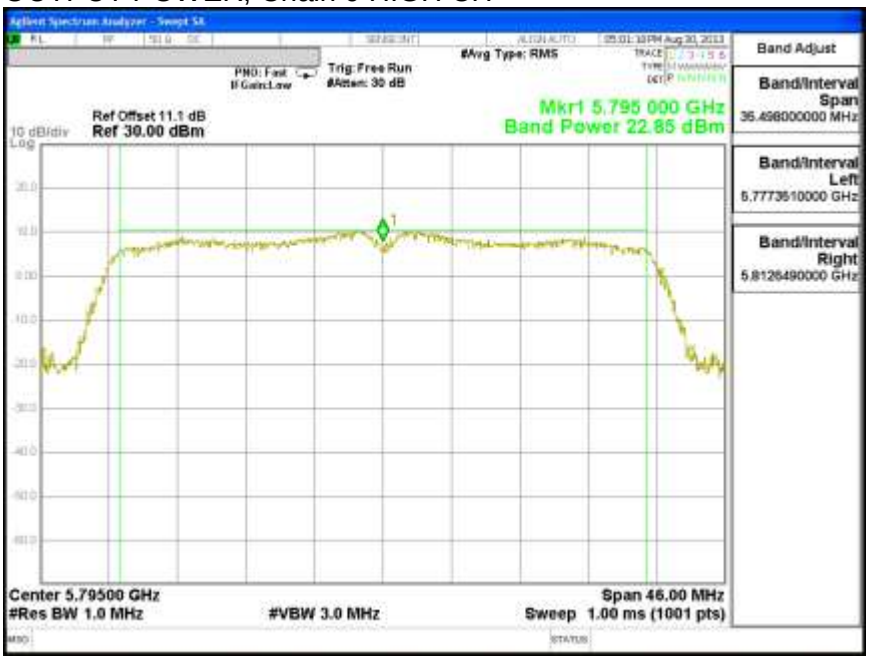
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low	5755	23.06	23.06	30.00	-6.94
High	5795	22.85	22.85	30.00	-7.15

OUTPUT POWER, Chain 0

OUTPUT POWER, Chain 0 LOW CH



OUTPUT POWER, Chain 0 HIGH CH



8.6.5. PSD

LIMITS

FCC §15.247

IC RSS-210 A8.2

The power spectral density conducted from the transmitter to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

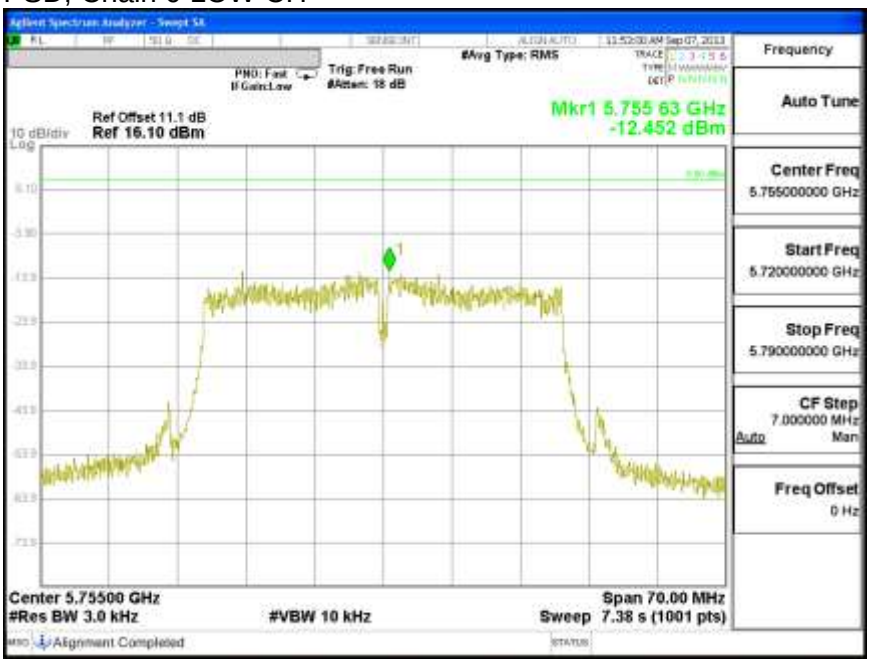
RESULTS

PSD Results

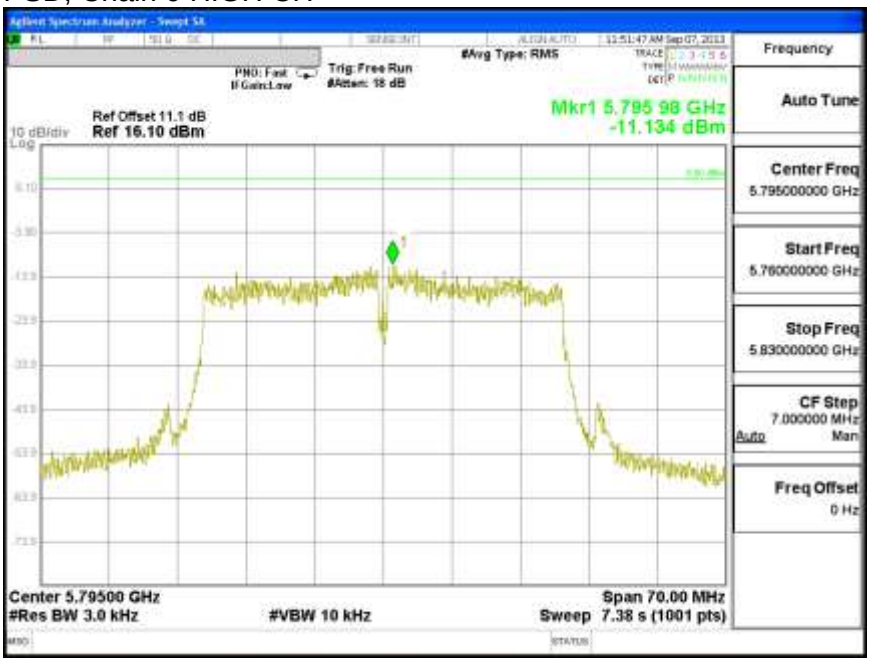
Channel	Frequency (MHz)	Chain 0 Meas (dBm)	Limit (dBm)	Margin (dB)
Low	5755	-12.45	8.0	-20.5
High	5795	-11.13	8.0	-19.1

PSD, Chain 0

PSD, Chain 0 LOW CH



PSD, Chain 0 HIGH CH



8.6.6. OUT-OF-BAND EMISSIONS

LIMITS

FCC §15.247 (d)

IC RSS-210 A8.5

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.

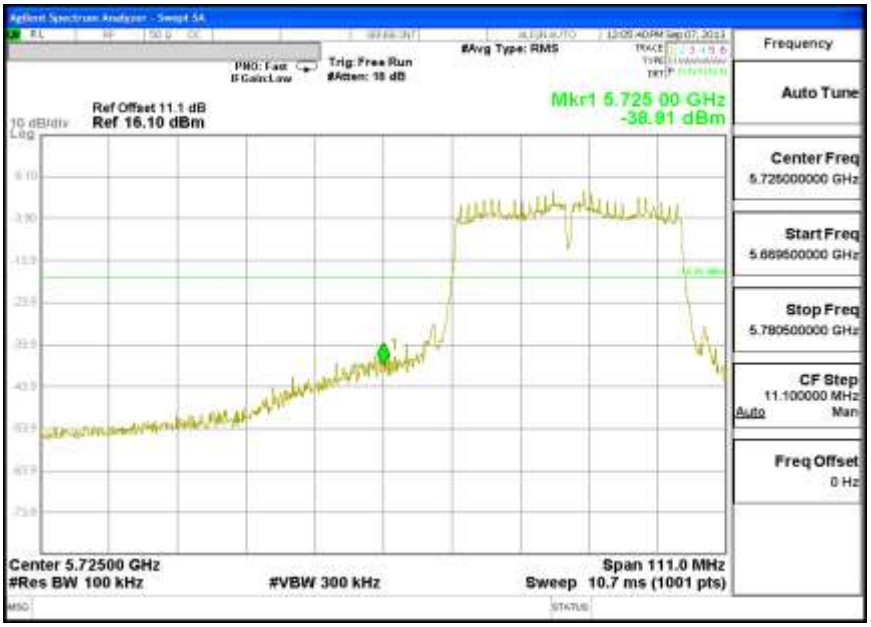
TEST PROCEDURE

The transmitter output is connected to a spectrum analyzer with RBW = 100 kHz, VBW = 300 kHz, peak detector, and max hold. Measurements utilizing these settings are made of the in-band reference level, bandedge (where measurements to the general radiated limits will not be made) and out-of-band emissions.

RESULTS

LOW CHANNEL BANDEDGE

AUTHORIZED BAND EDGE LOW CH

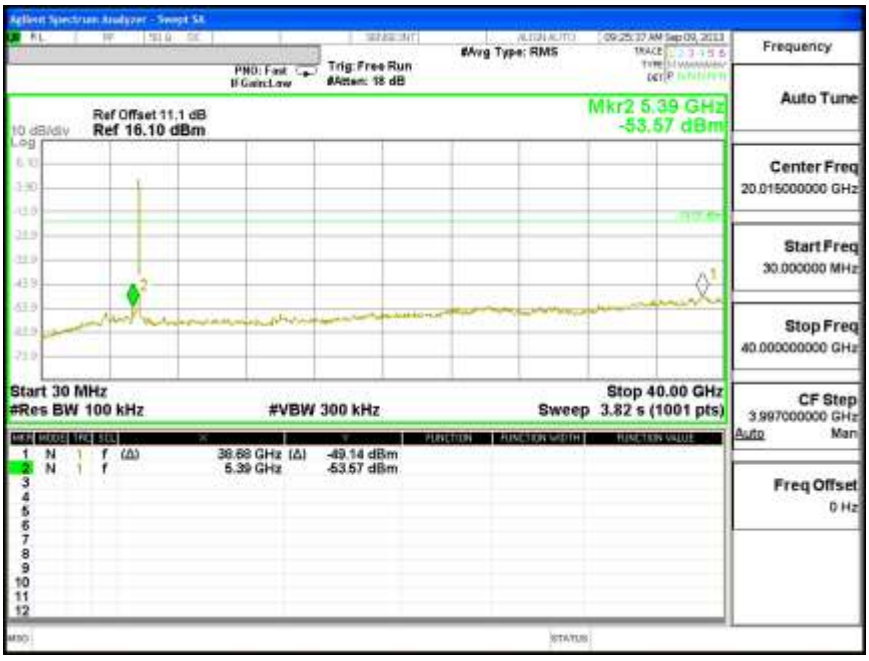


HIGH CHANNEL BANDEDGE

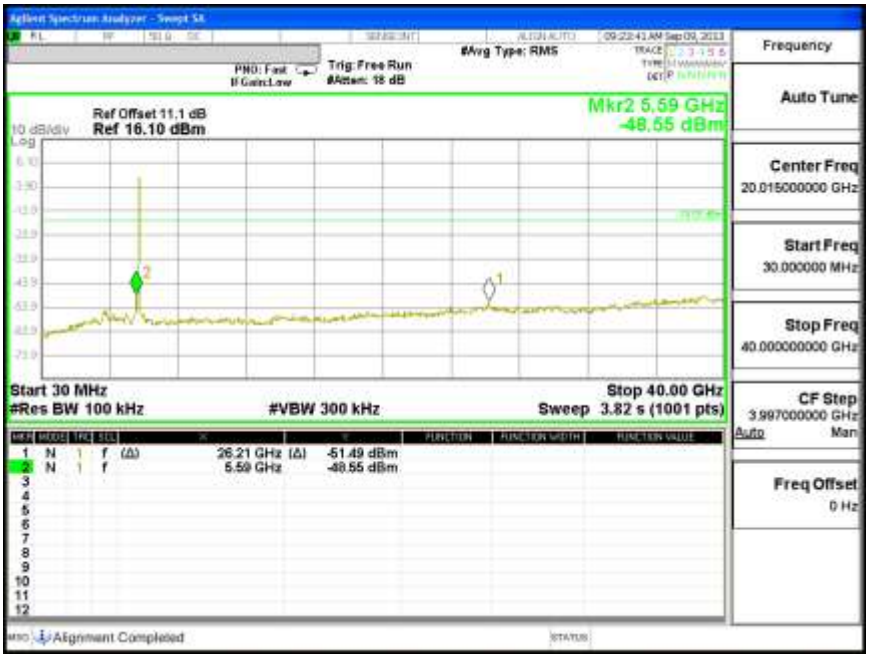
AUTHORIZED BAND EDGE HIGH CH

OUT-OF-BAND EMISSIONS

OUT OF BAND LOW CH



OUT OF BAND HIGH CH



8.7. 802.11n HT40 2TX MODE IN THE 5.8 GHz BAND

8.7.1. 6 dB BANDWIDTH

LIMITS

FCC §15.247 (a) (2)

IC RSS-210 A8.2 (a)

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

TEST PROCEDURE

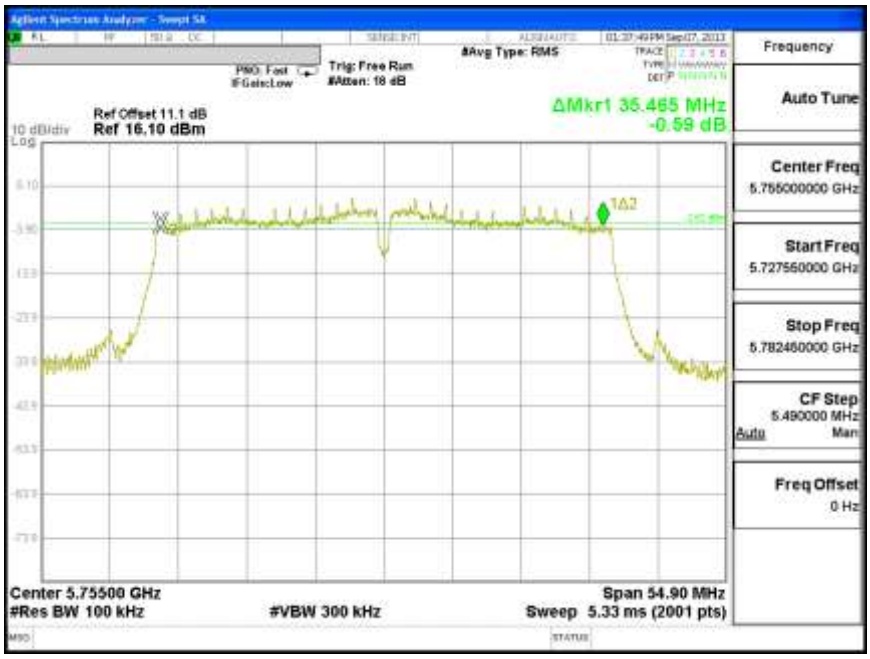
KDB 558074 D01 v01 “Guidance for Performing Compliance Measurements on Digital Transmission Systems (DTS) Operating Under 15.247”.

RESULTS

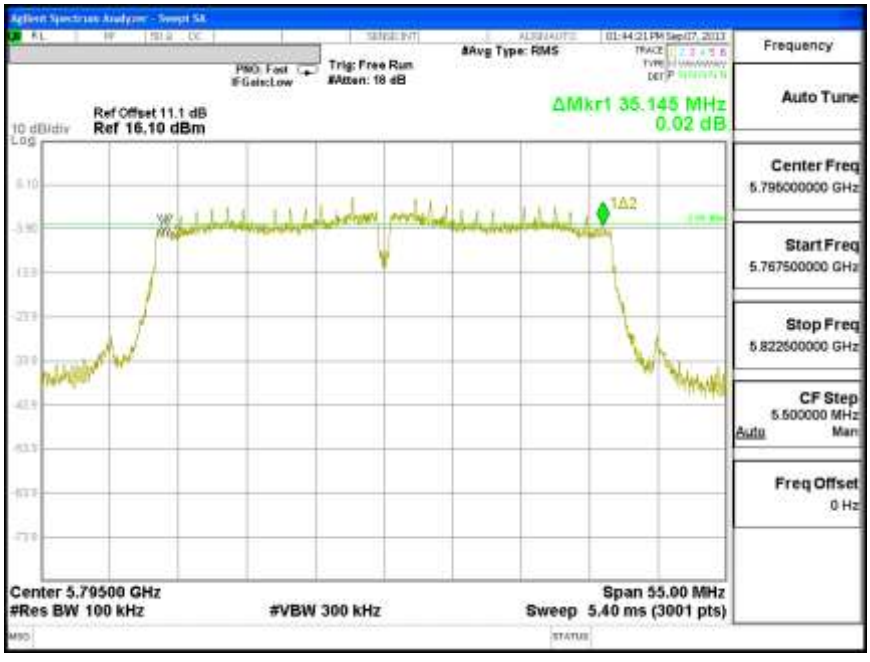
Channel	Frequency (MHz)	6 dB BW Chain 0 (MHz)	6 dB BW Chain 1 (MHz)	Minimum Limit (MHz)
Low	5755	35.465	36.289	0.5
High	5795	35.145	35.658	0.5

6 dB BANDWIDTH, Chain 0

6 dB BANDWIDTH Chain 0 LOW CH

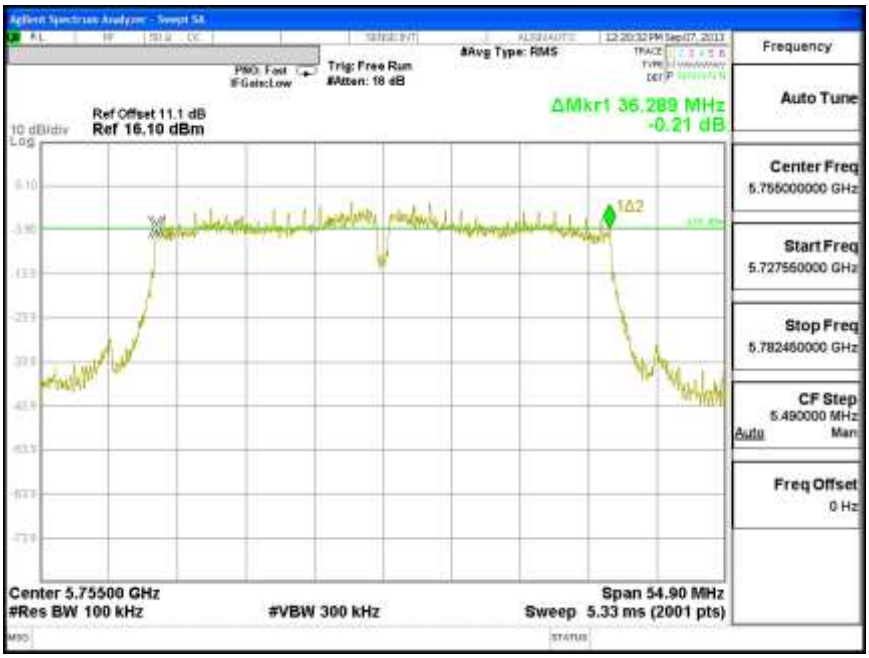


6 dB BANDWIDTH Chain 0 HIGH CH

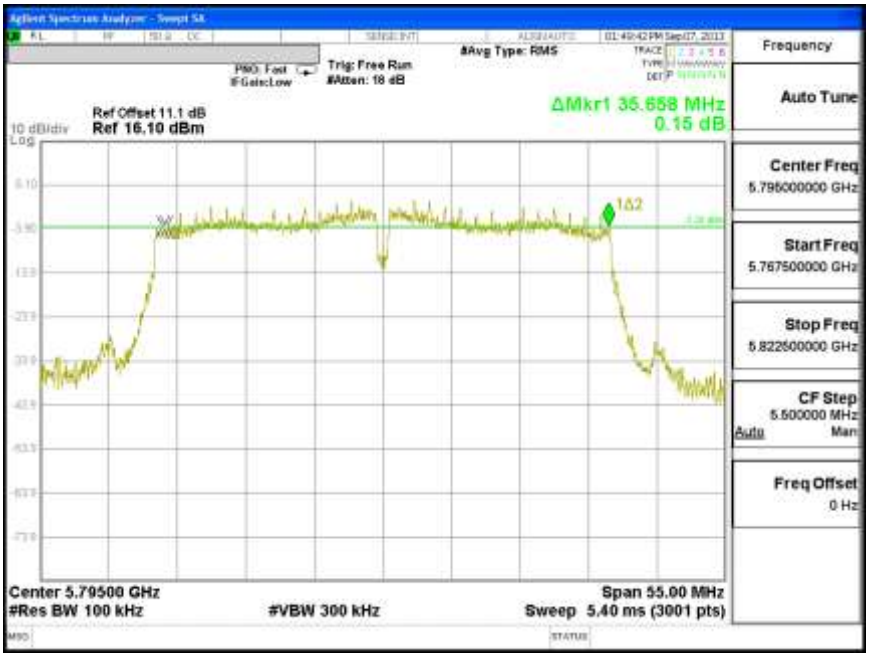


6 dB BANDWIDTH, Chain 1

6 dB BANDWIDTH Chain 1 LOW CH



6 dB BANDWIDTH Chain 1 HIGH CH



8.7.2. 99% BANDWIDTH

LIMITS

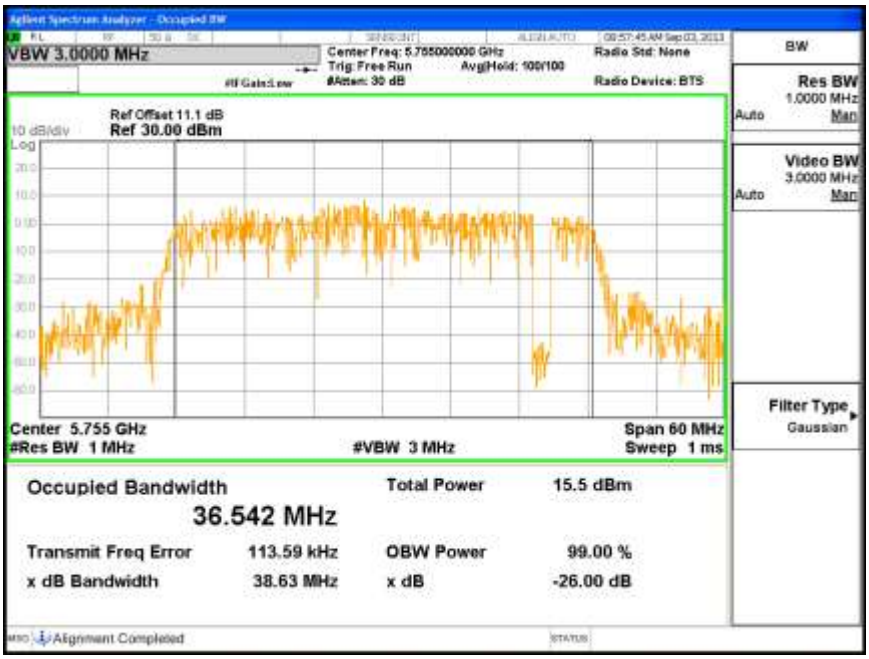
None; for reporting purposes only.

RESULTS

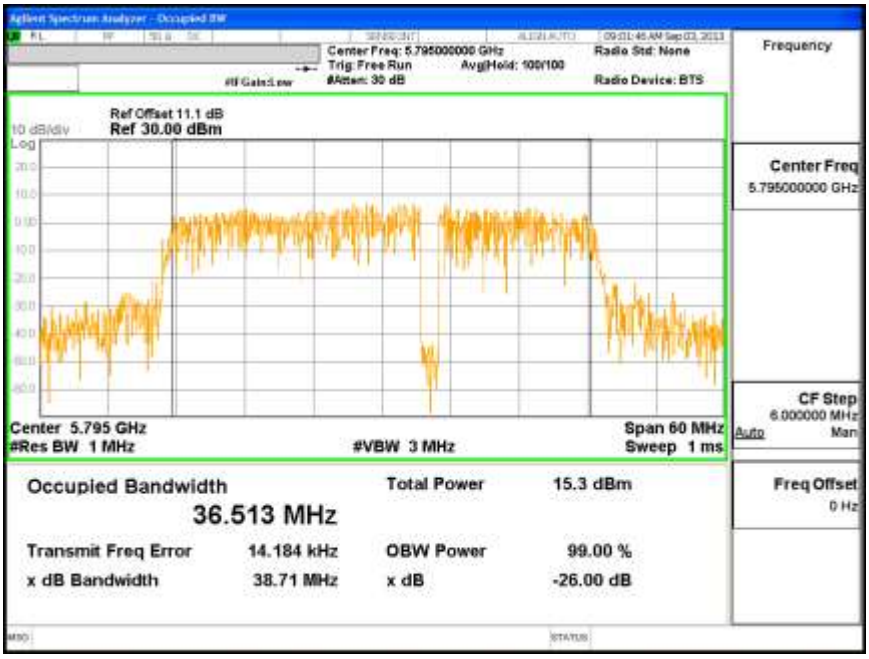
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5755	36.5420	36.3910
High	5795	36.5130	36.6080

99% BANDWIDTH, Chain 0

99% BANDWIDTH Chain 0 LOW CH

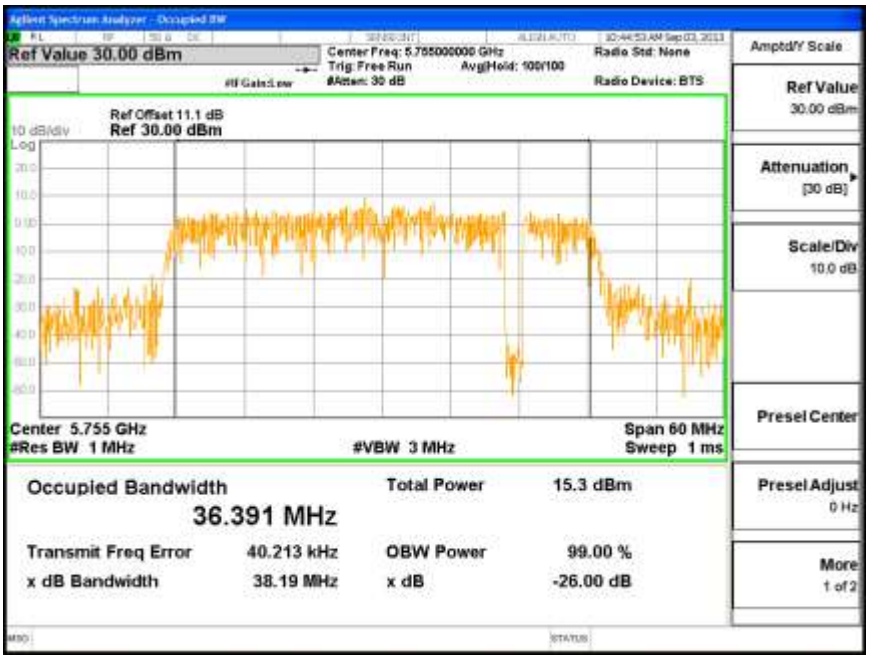


99% BANDWIDTH Chain 0 HIGH CH

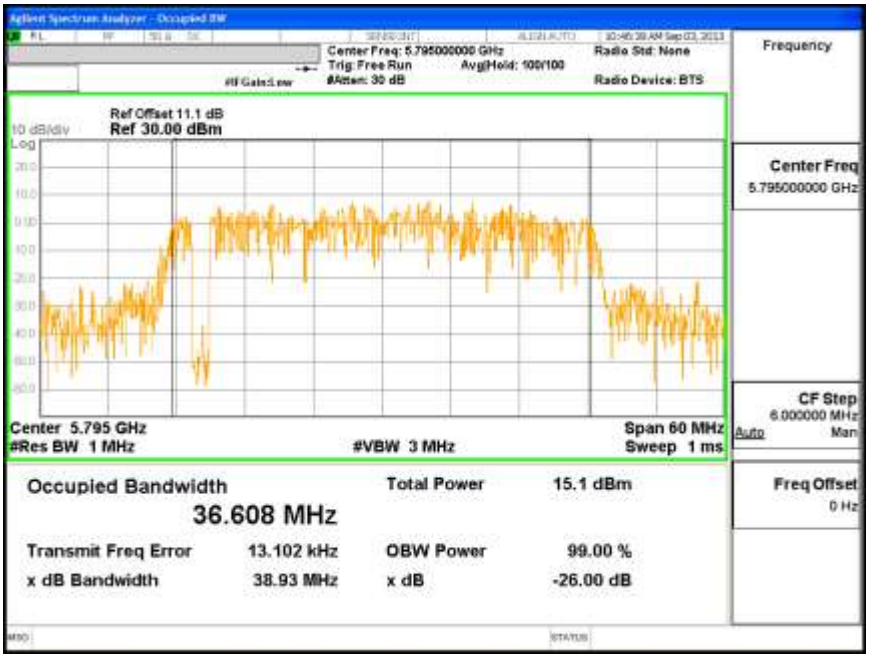


99% BANDWIDTH, Chain 1

99% BANDWIDTH Chain 1 LOW CH



99% BANDWIDTH Chain 1 HIGH CH



8.7.3. AVERAGE POWER

LIMITS

None; for reporting purposes only.

TEST PROCEDURE

The transmitter output is connected to a power meter.

The cable assembly insertion loss of 11.1 dB (including 10 dB pad and 1.1 dB cable) was entered as an offset in the power meter to allow for direct reading of power.

RESULTS

Channel	Frequency (MHz)	Chain 0 Power (dBm)	Chain 1 Power (dBm)	Total Power (dBm)
Low	5755	15.49	15.50	18.51
High	5795	15.45	15.48	18.48

8.7.4. OUTPUT POWER

LIMITS

FCC §15.247

IC RSS-210 A8.4

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

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)
2.68	3.76	3.25

RESULTS

Limits

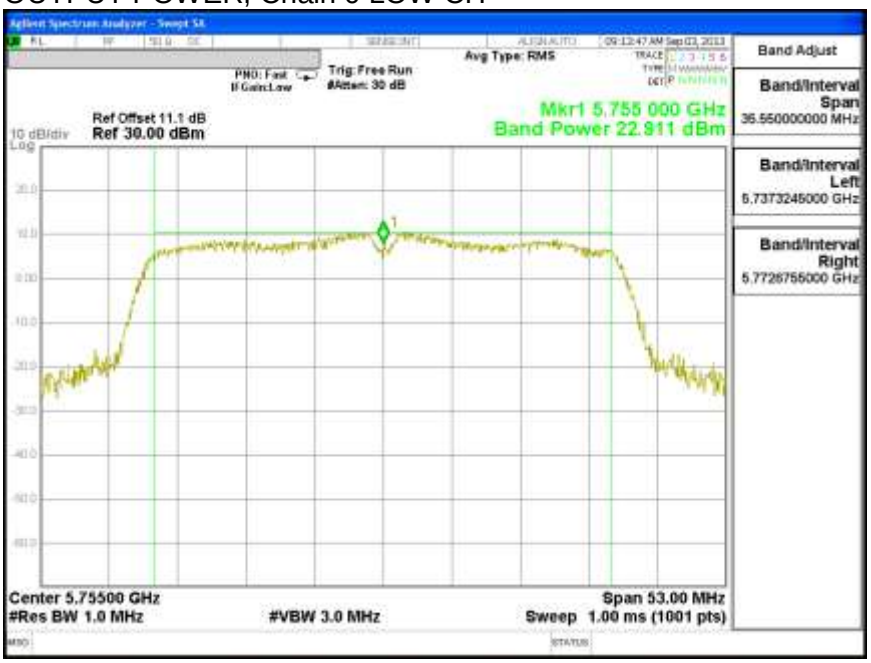
Channel	Frequency (MHz)	Directional Gain (dBi)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Max Power (dBm)
Low	5755	3.25	30.00	30	36	30.00
High	5795	3.25	30.00	30	36	30.00

Results

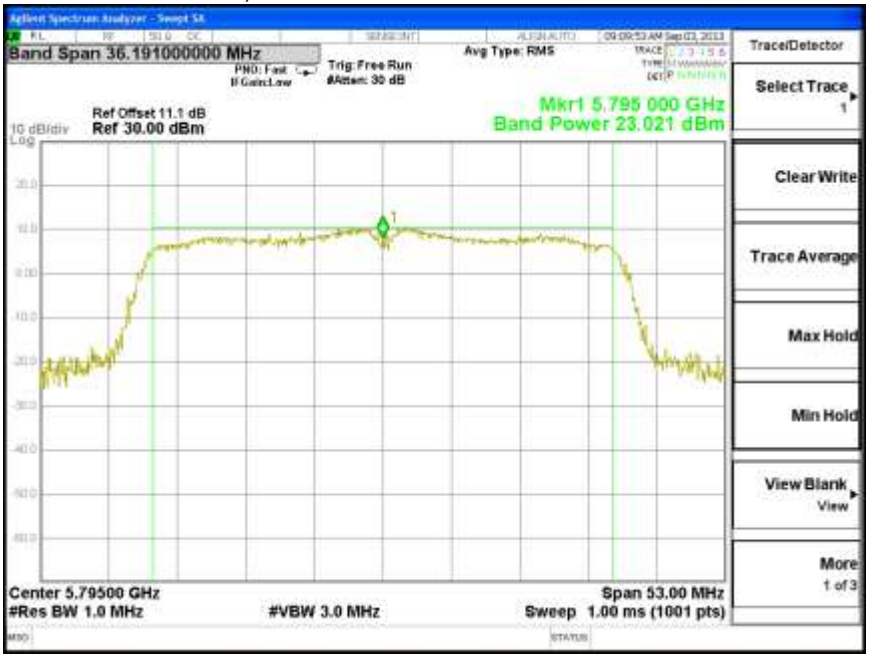
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margi (dB)
Low	5755	22.91	23.11	26.02	30.00	-3.98
High	5795	23.02	23.00	26.02	30.00	-3.98

OUTPUT POWER, Chain 0

OUTPUT POWER, Chain 0 LOW CH

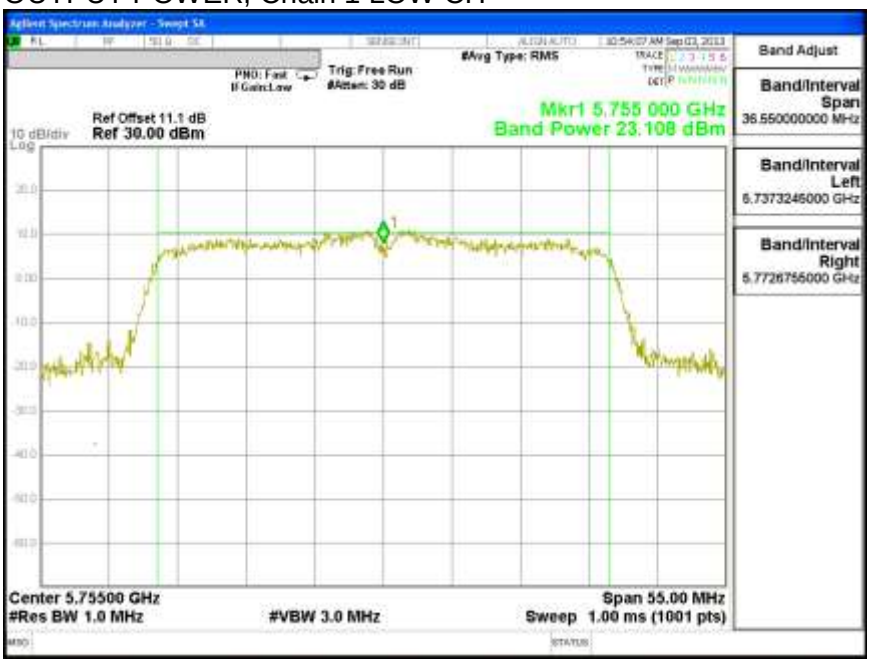


OUTPUT POWER, Chain 0 HIGH CH

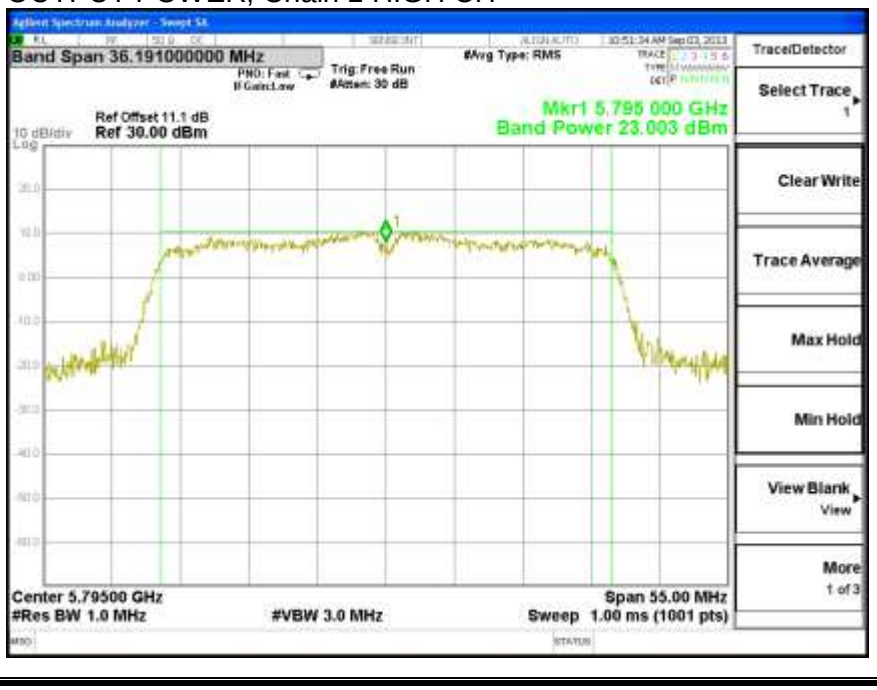


OUTPUT POWER, Chain 1

OUTPUT POWER, Chain 1 LOW CH



OUTPUT POWER, Chain 1 HIGH CH



8.7.5. PSD

LIMITS

FCC §15.247

IC RSS-210 A8.2

The power spectral density conducted from the transmitter to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

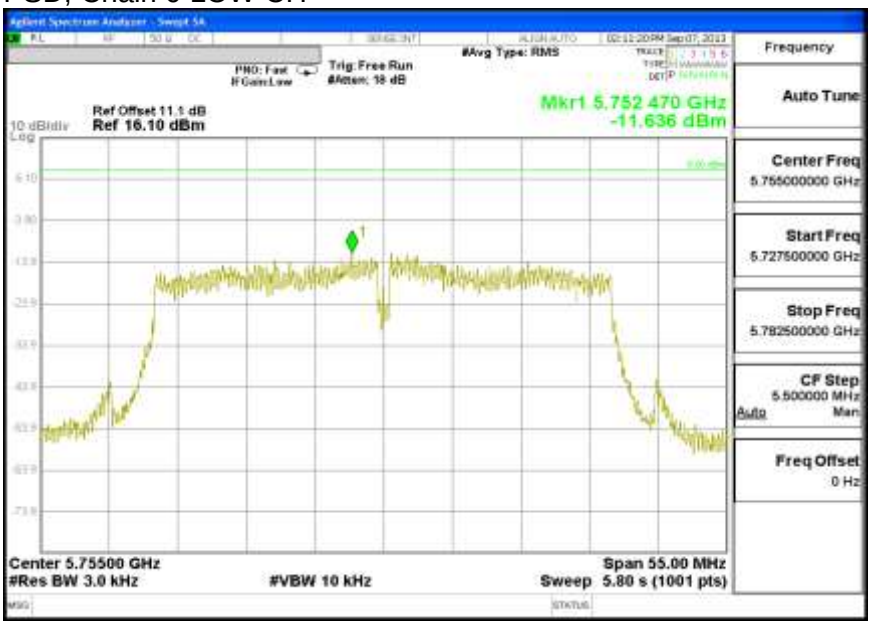
RESULTS

PSD Results

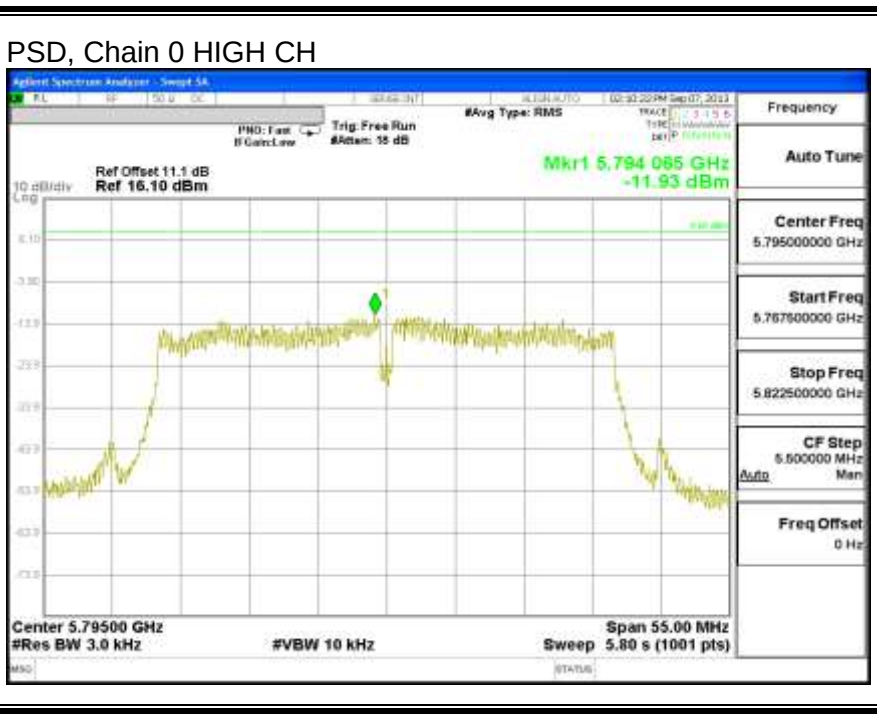
Channel	Frequency (MHz)	Chain 0 Meas (dBm)	Chain 1 Meas (dBm)	Total PSD (dBm)	Limit (dBm)	Margin (dB)
Low	5755	-11.64	-10.94	-8.26	8.0	-16.3
High	5795	-11.93	-10.46	-8.13	8.0	-16.1

PSD, Chain 0

PSD, Chain 0 LOW CH

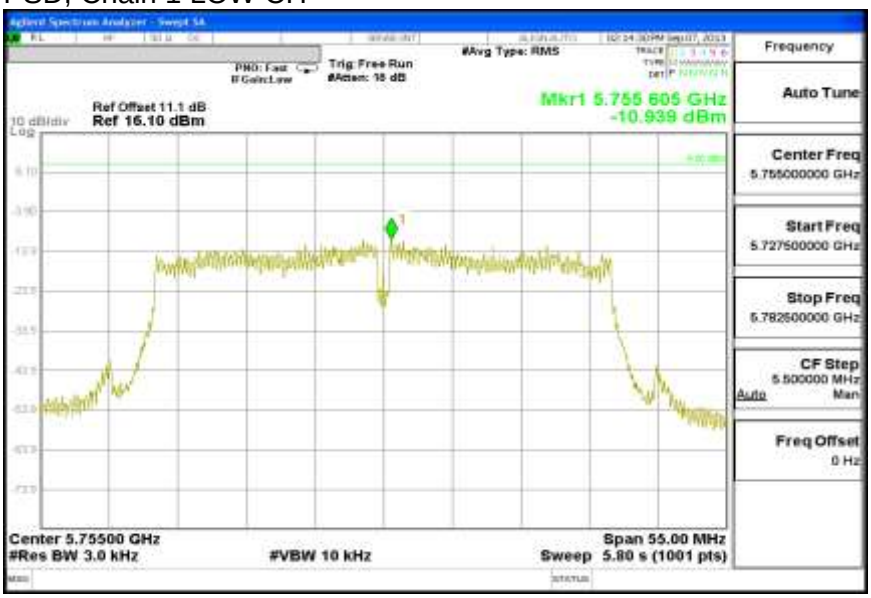


PSD, Chain 0 HIGH CH

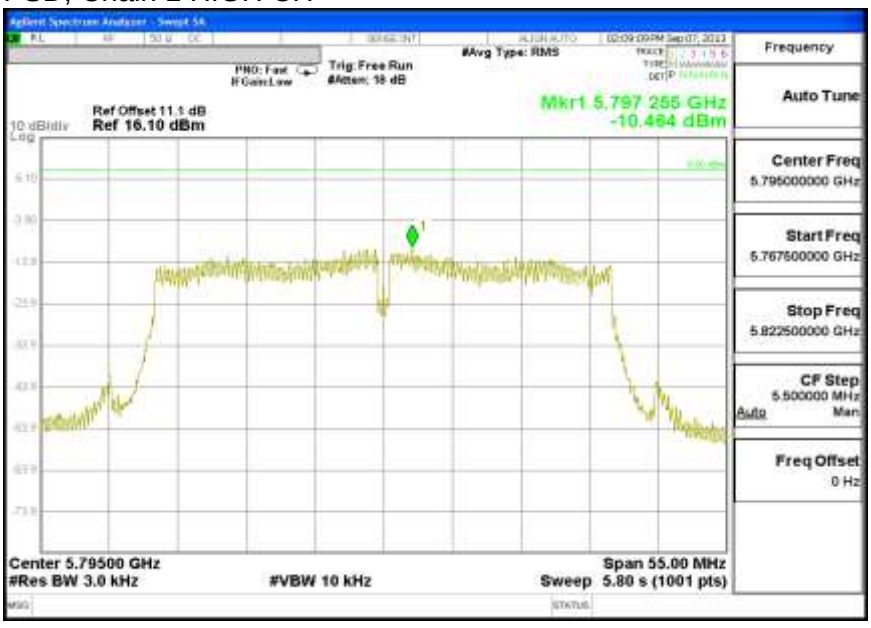


PSD, Chain 1

PSD, Chain 1 LOW CH



PSD, Chain 1 HIGH CH



8.7.6. OUT-OF-BAND EMISSIONS

LIMITS

FCC §15.247 (d)

IC RSS-210 A8.5

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.

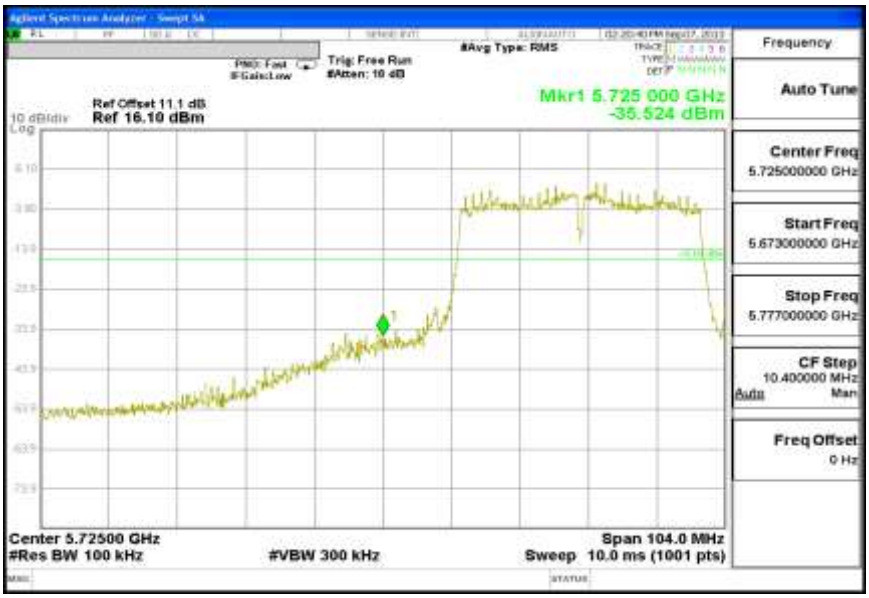
TEST PROCEDURE

The transmitter output is connected to a spectrum analyzer with RBW = 100 kHz, VBW = 300 kHz, peak detector, and max hold. Measurements utilizing these settings are made of the in-band reference level, bandedge (where measurements to the general radiated limits will not be made) and out-of-band emissions.

RESULTS

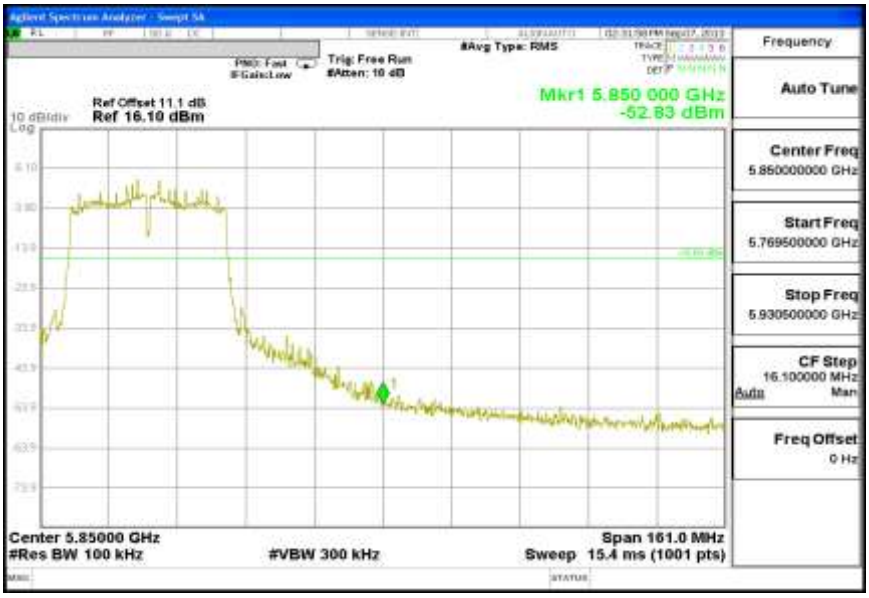
LOW CHANNEL BANDEDGE, Chain 0

AUTHORIZED BAND EDGE Chain 0 LOW CH



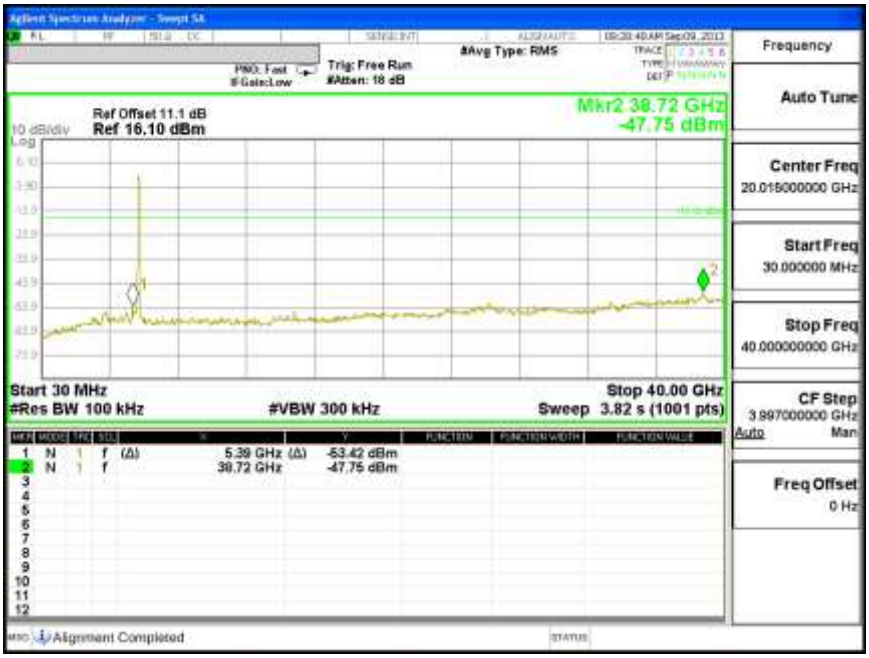
HIGH CHANNEL BANDEDGE, Chain 0

AUTHORIZED BAND EDGE Chain 0 HIGH CH

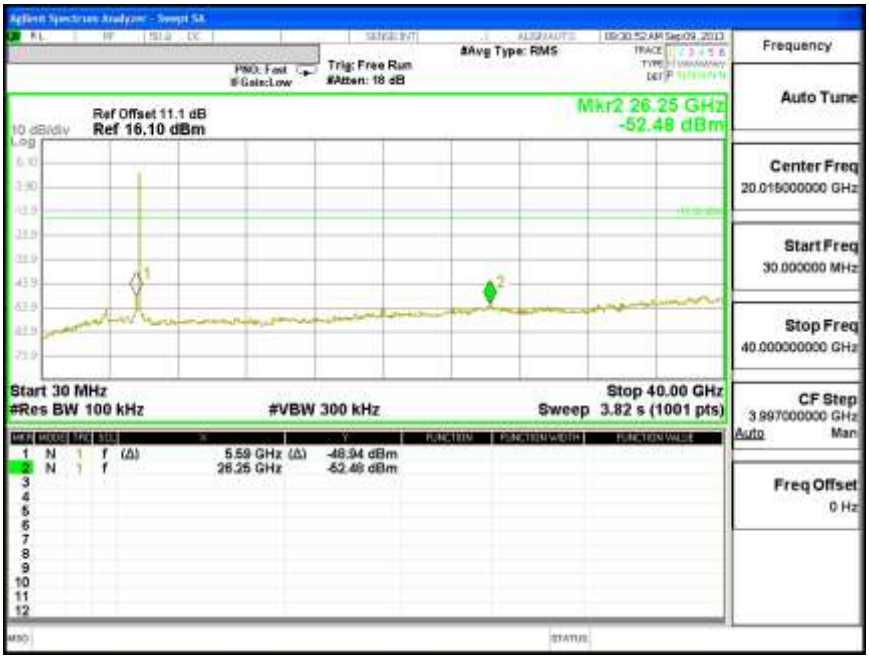


OUT-OF-BAND EMISSIONS, Chain 0

OUT OF BAND Chain 0 LOW CH

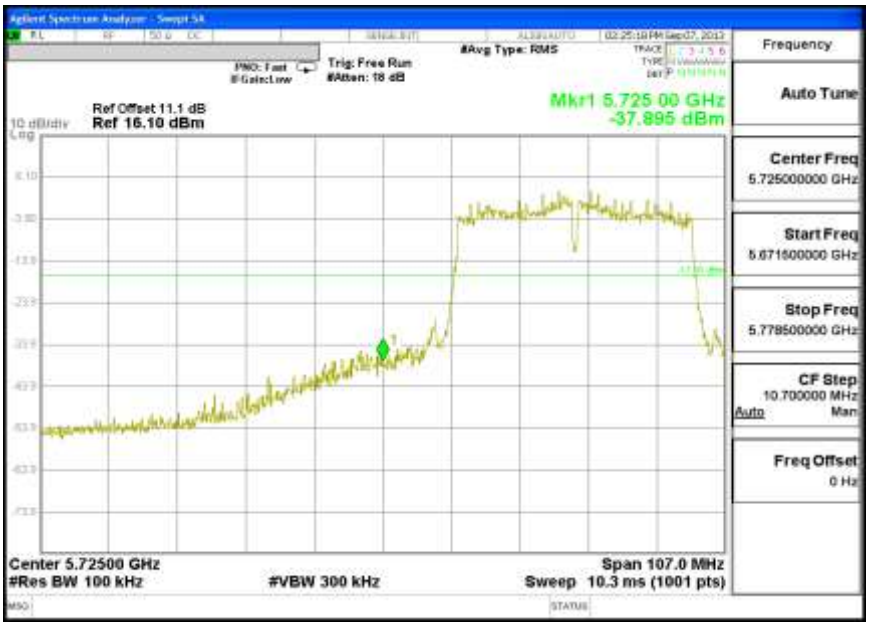


OUT OF BAND Chain 0 HIGH CH



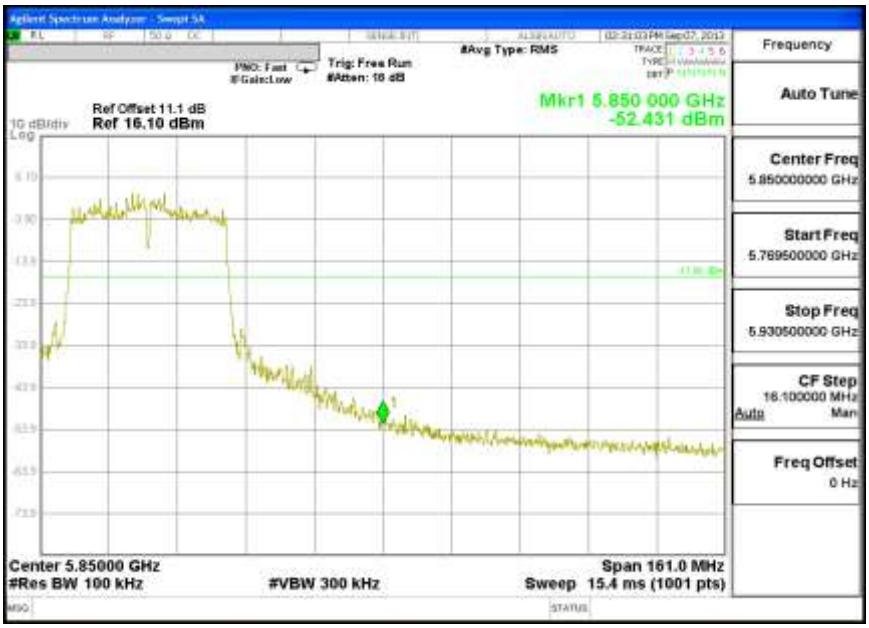
LOW CHANNEL BANDEDGE, Chain 1

AUTHORIZED BAND EDGE Chain 1 LOW CH

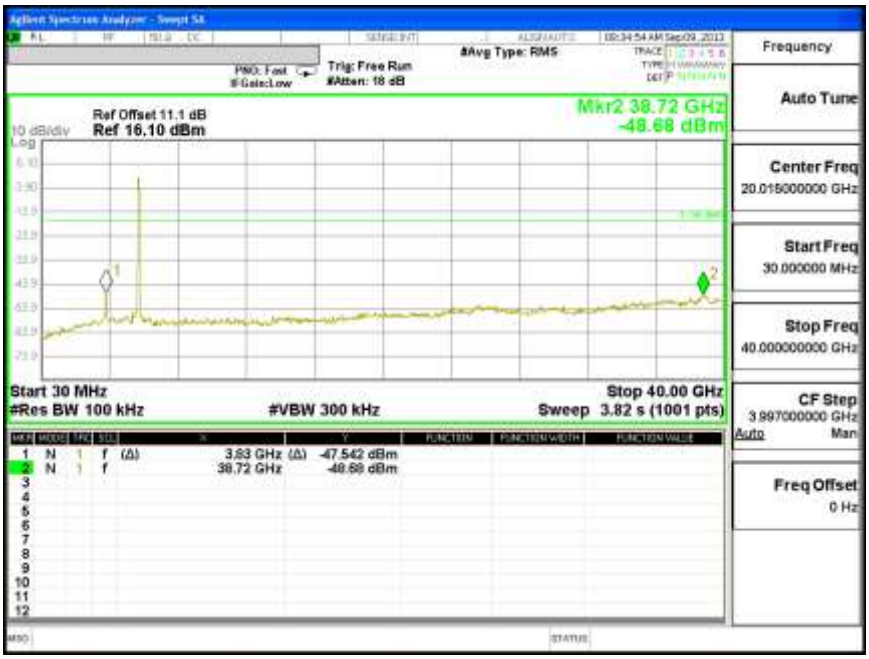


HIGH CHANNEL BANDEDGE, Chain 1

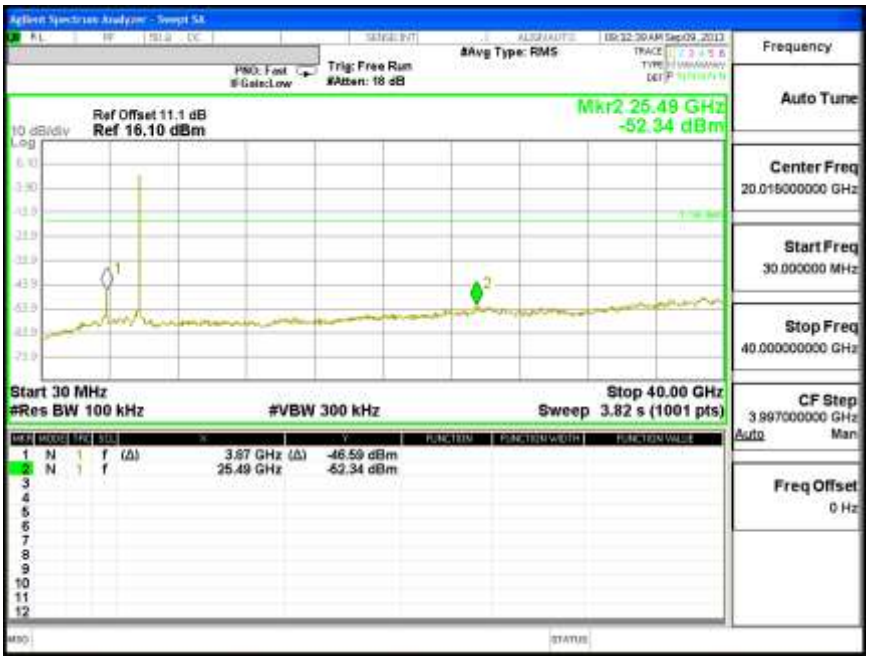
AUTHORIZED BAND EDGE Chain 1 HIGH CH



OUT OF BAND Chain 1 LOW CH



OUT OF BAND Chain 1 HIGH CH



9. RADIATED TEST RESULTS

9.1. LIMITS AND PROCEDURE

LIMITS

FCC §15.205 and §15.209

IC RSS-210 Clause 2.6 (Transmitter)

IC RSS-GEN Clause 6 (Receiver)

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

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane. The antenna to EUT distance is 3 meters.

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

For measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 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.

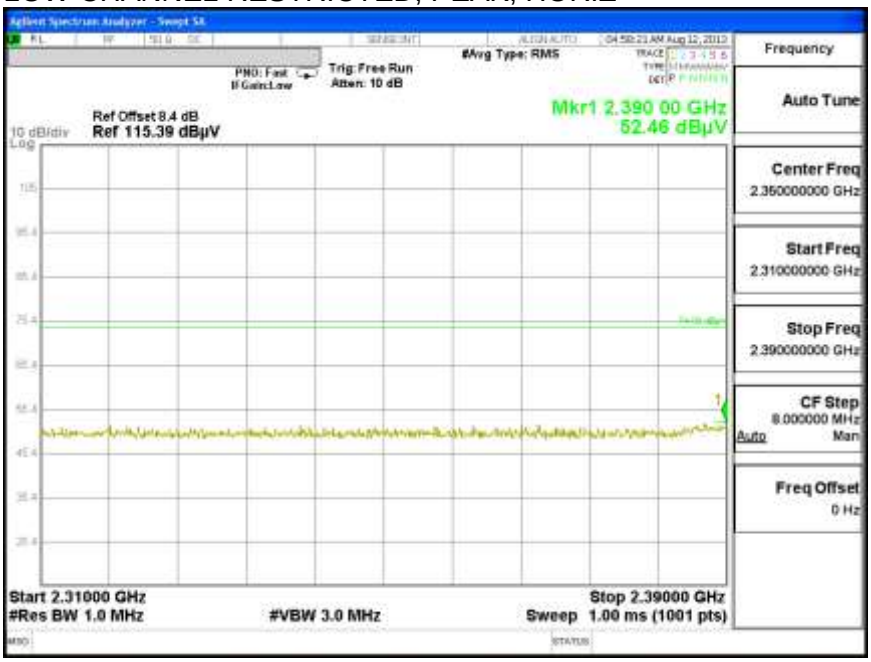
The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized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

9.2. TRANSMITTER ABOVE 1 GHz

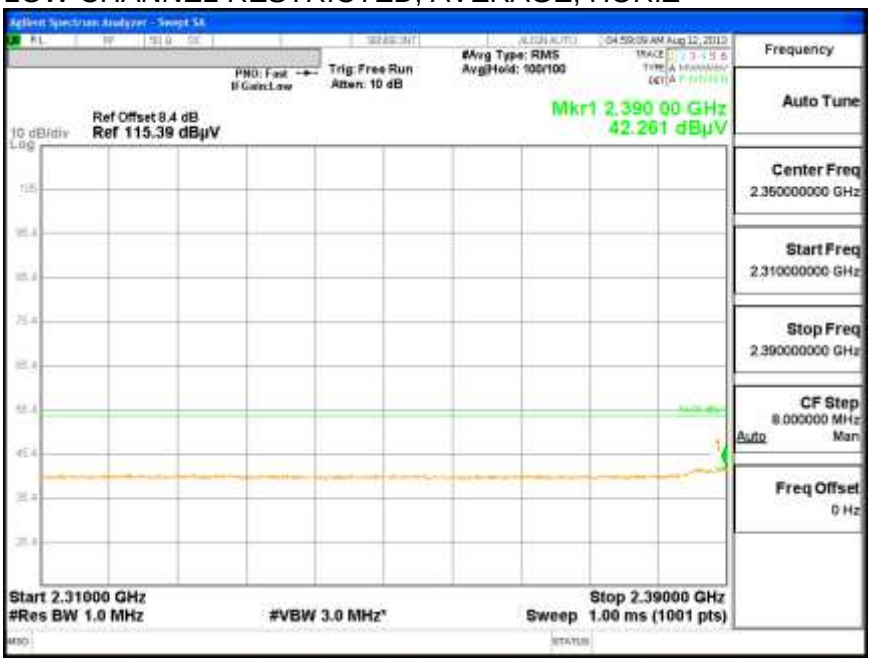
9.2.1. TX ABOVE 1 GHz 802.11b MODE IN THE 2.4 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL) CH1

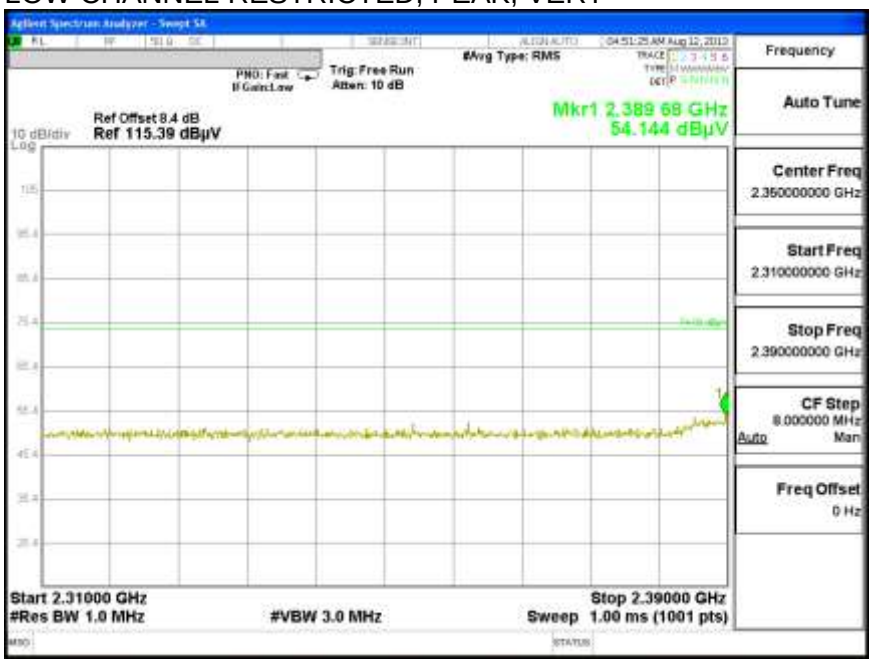
LOW CHANNEL RESTRICTED, PEAK, HORIZ



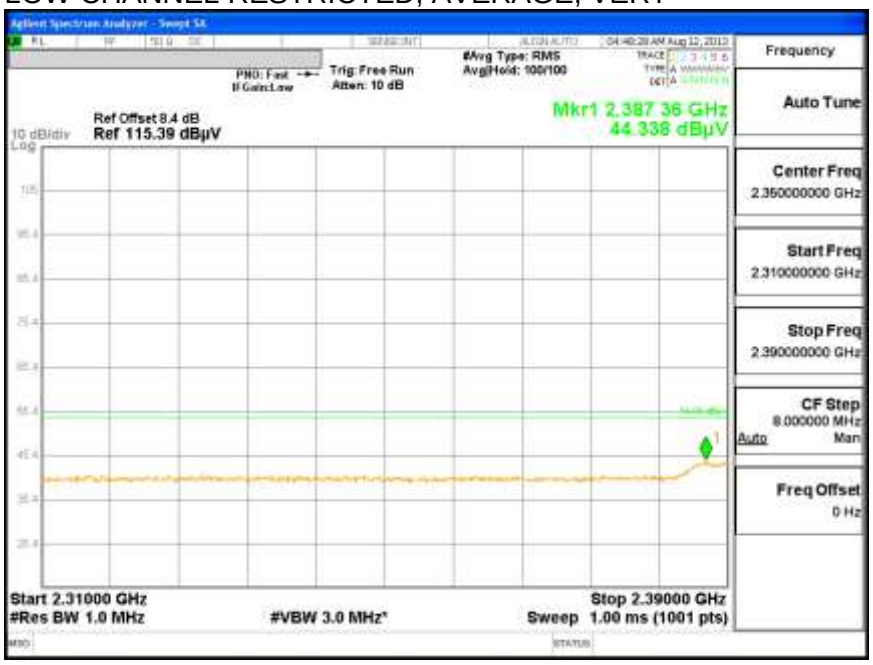
LOW CHANNEL RESTRICTED, AVERAGE, HORIZ



LOW CHANNEL RESTRICTED, PEAK, VERT

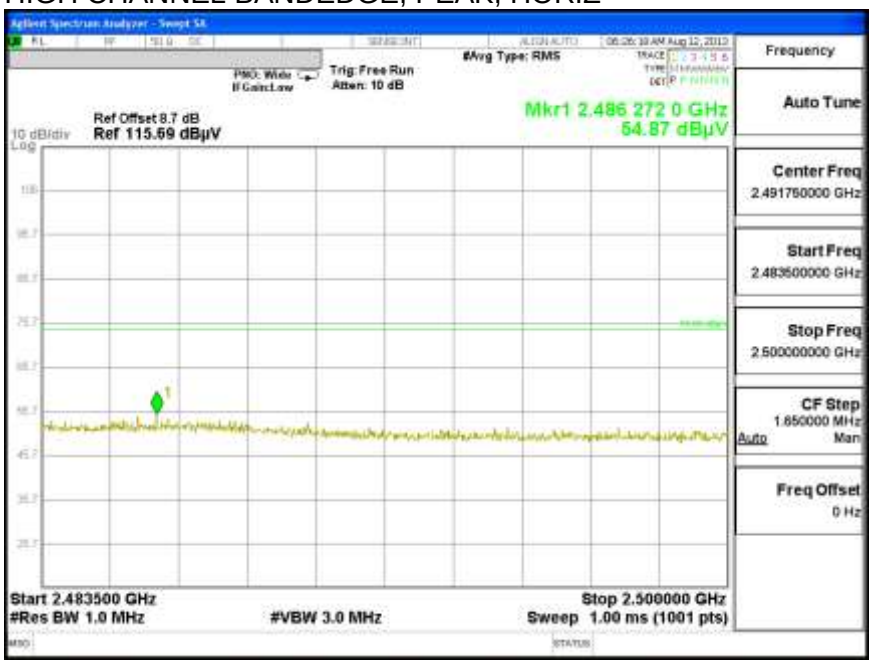


LOW CHANNEL RESTRICTED, AVERAGE, VERT

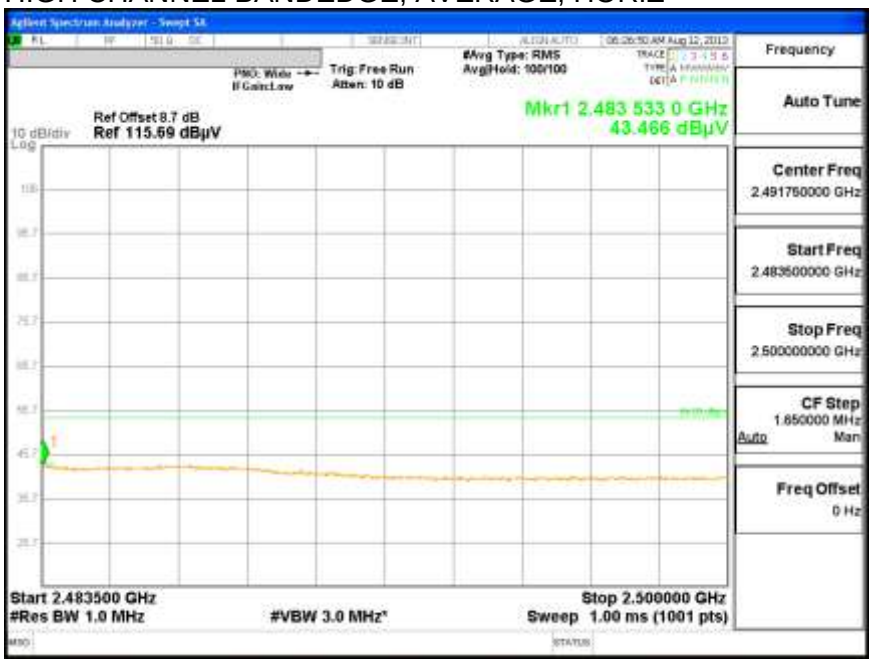


AUTHORIZED BANDEDGE (HIGH CHANNEL) CH11

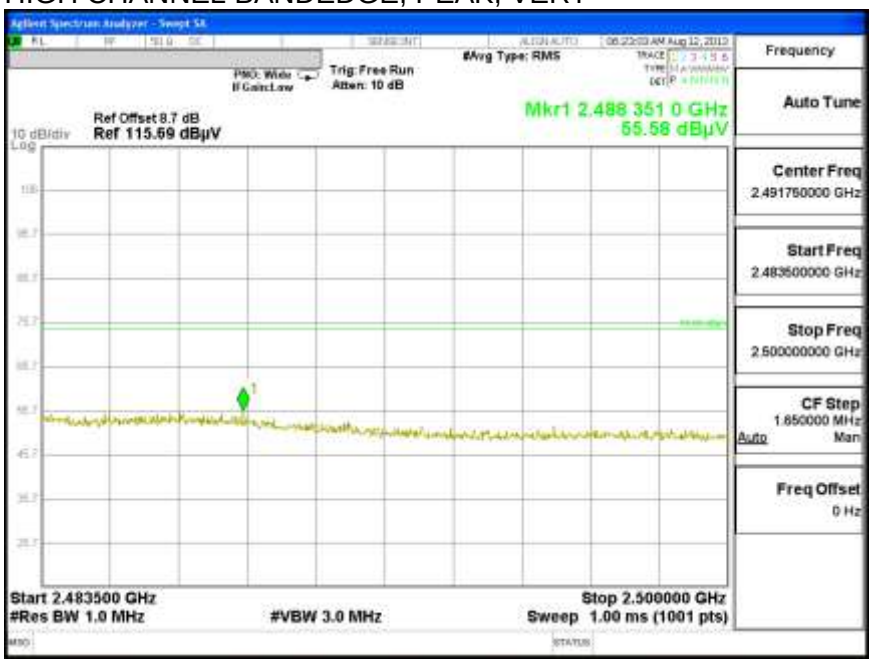
HIGH CHANNEL BANDEDGE, PEAK, HORIZ



HIGH CHANNEL BANDEDGE, AVERAGE, HORIZ



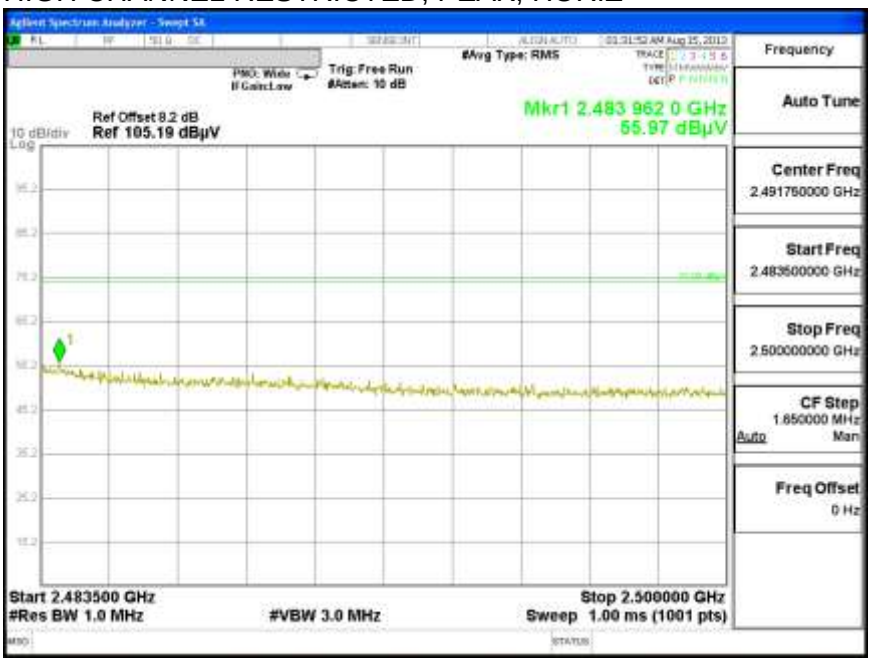
HIGH CHANNEL BANDEDGE, PEAK, VERT



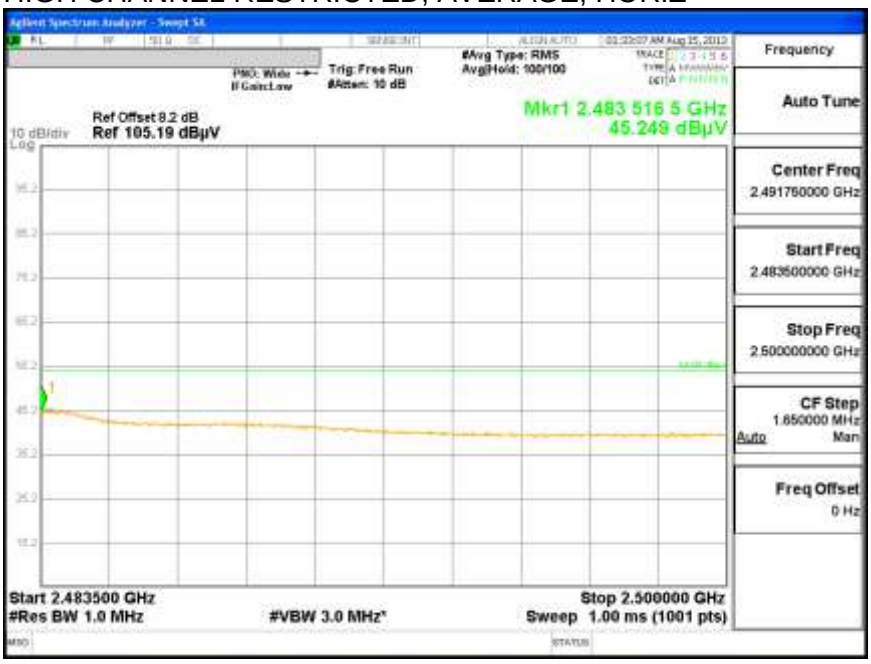
HIGH CHANNEL BANDEDGE, AVERAGE, VERT

RESTRICTED BANDEDGE CH12

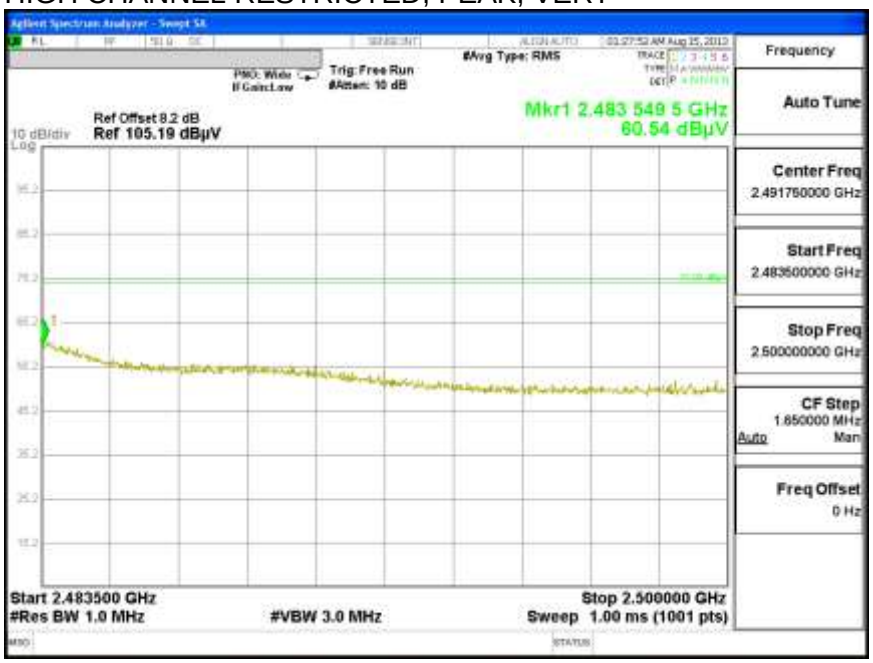
HIGH CHANNEL RESTRICTED, PEAK, HORIZ



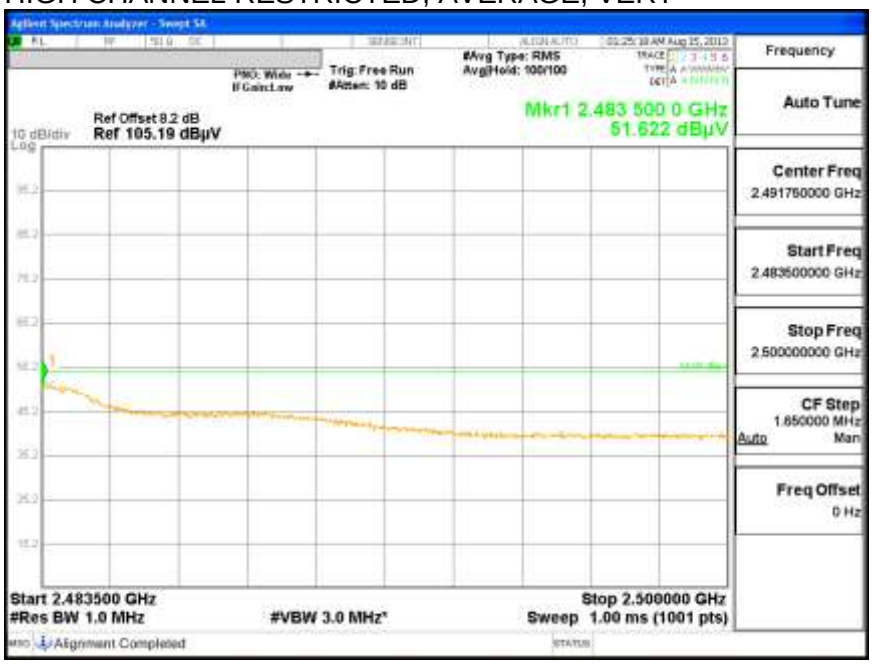
HIGH CHANNEL RESTRICTED, AVERAGE, HORIZ



HIGH CHANNEL RESTRICTED, PEAK, VERT

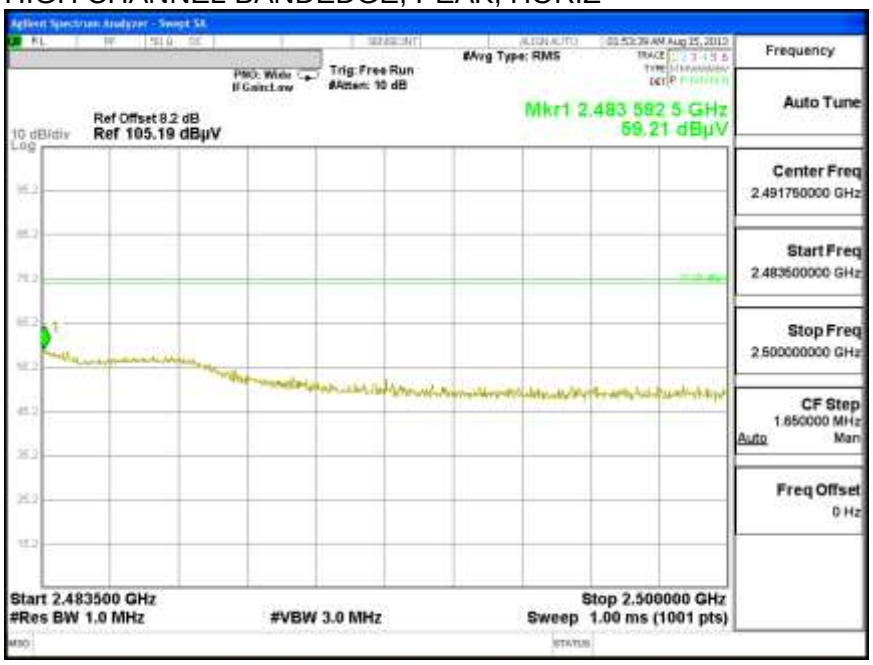


HIGH CHANNEL RESTRICTED, AVERAGE, VERT

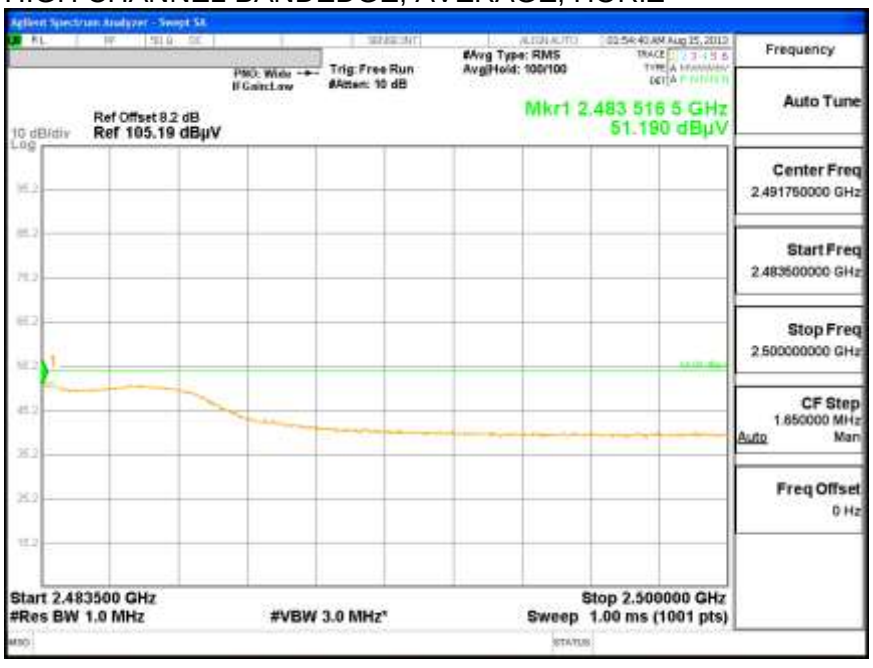


AUTHORIZED BANDEDGE CH13

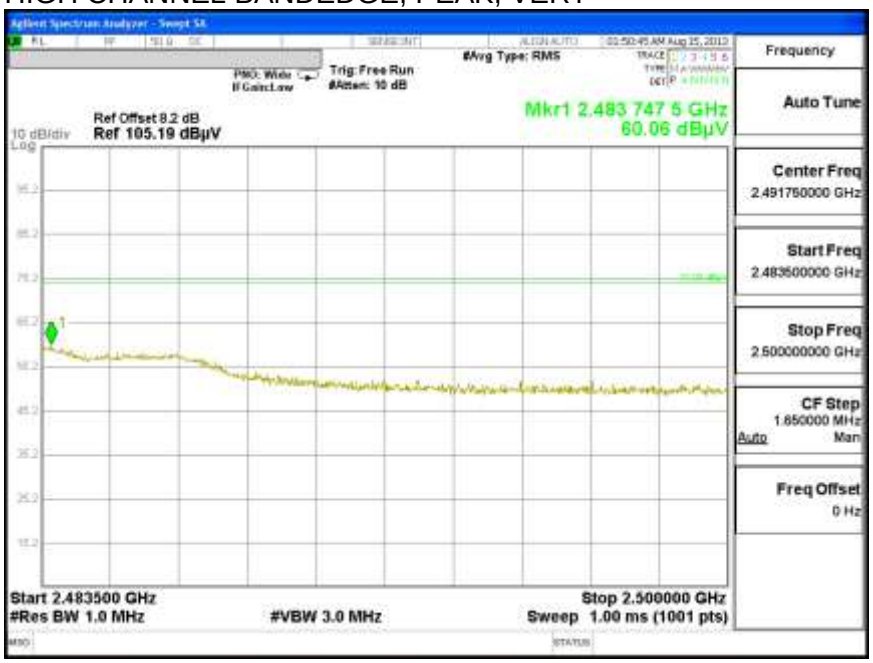
HIGH CHANNEL BANDEDGE, PEAK, HORIZ



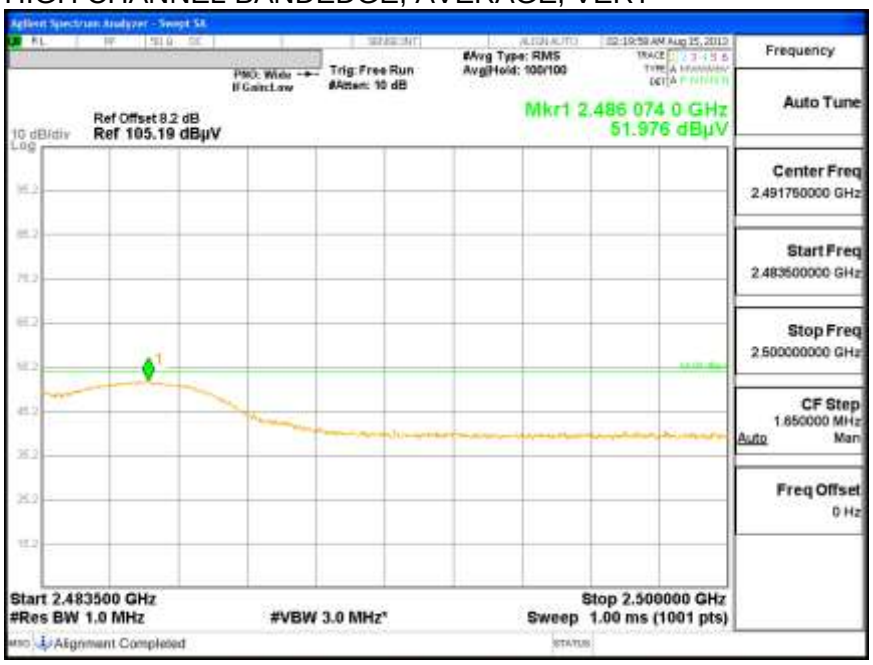
HIGH CHANNEL BANDEDGE, AVERAGE, HORIZ



HIGH CHANNEL BANDEDGE, PEAK, VERT

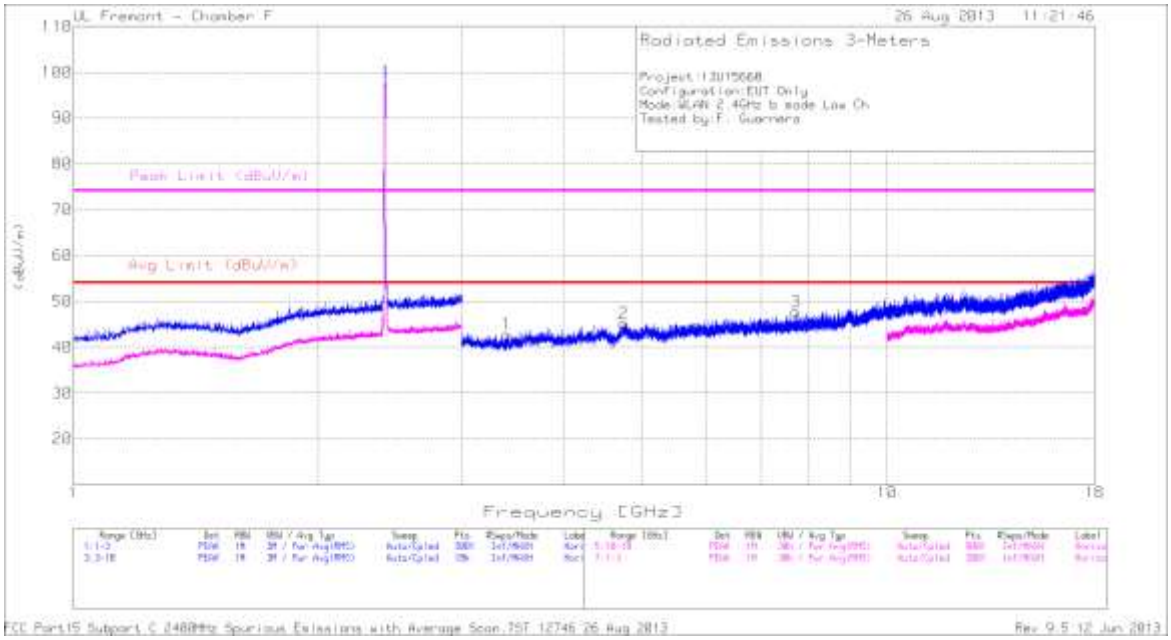


HIGH CHANNEL BANDEDGE, AVERAGE, VERT

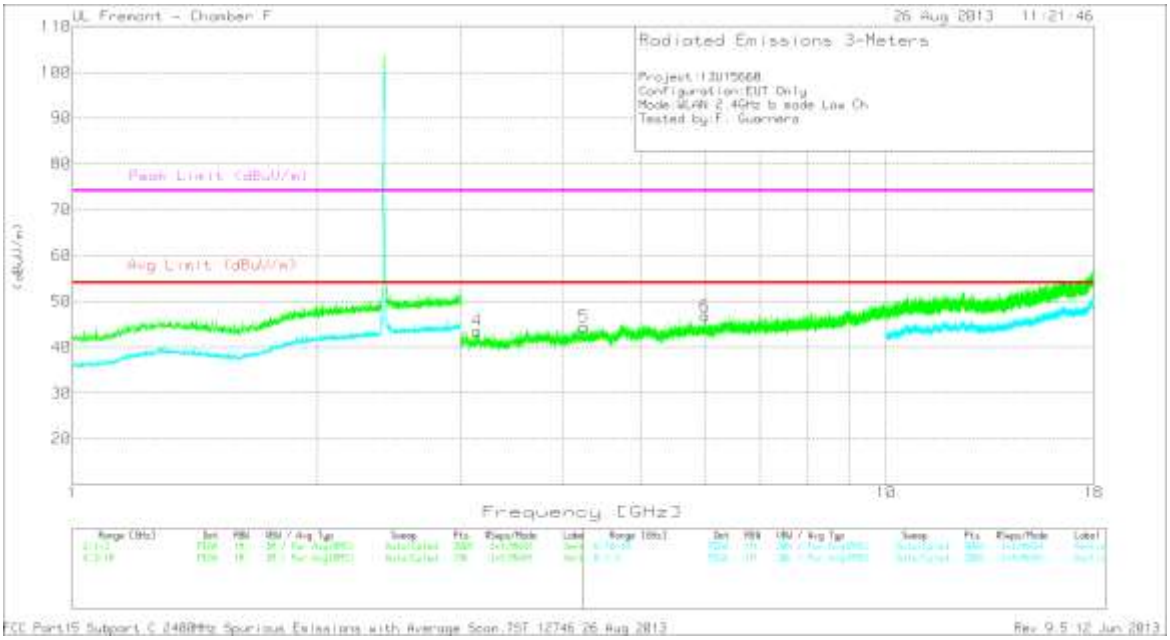


HARMONICS AND SPURIOUS EMISSIONS CH1

LOW CHANNEL HORIZONTAL PLOT



LOW CHANNEL VERTICAL PLOT



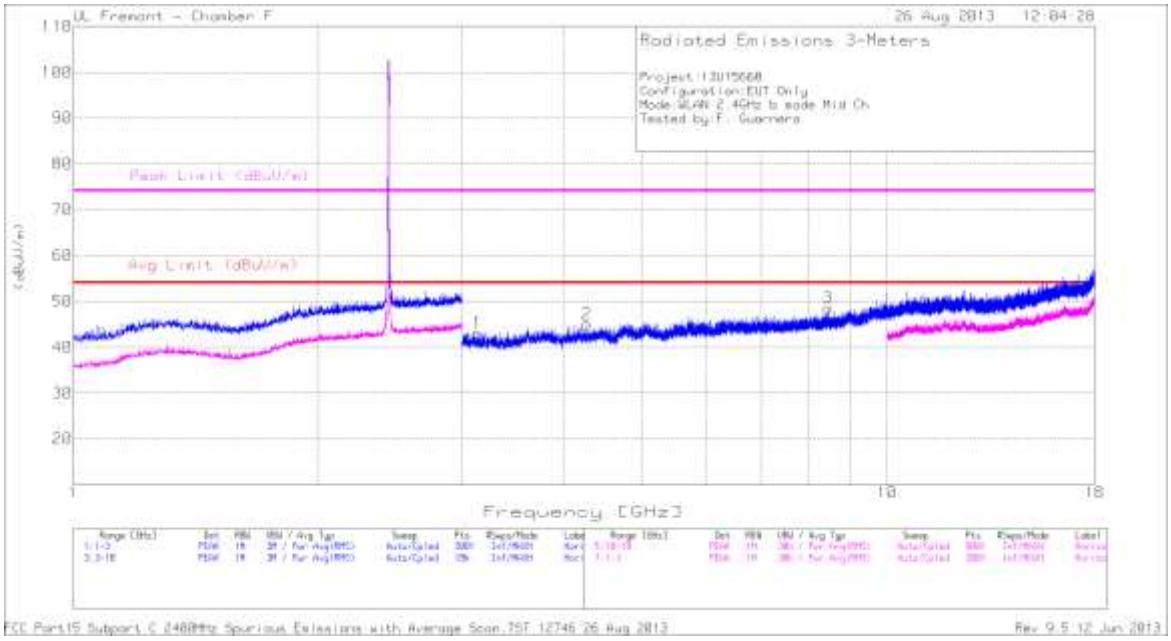
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /3GHz HPF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.408	39.39	PK	33	-29.6	42.79	53.97	-11.18	74	-31.21	0-360	100	H
2	4.749	39.47	PK	34.1	-28.4	45.17	53.97	-8.8	74	-28.83	0-360	100	H
3	7.726	37.62	PK	35.9	-25.8	47.72	53.97	-6.25	74	-26.28	0-360	199	H
4	3.143	39.94	PK	33.3	-29.6	43.64	53.97	-10.33	74	-30.36	0-360	100	V
5	4.249	39.95	PK	33.5	-29	44.45	53.97	-9.52	74	-29.55	0-360	100	V
6	5.991	38.87	PK	35.3	-27.4	46.77	53.97	-7.2	74	-27.23	0-360	201	V

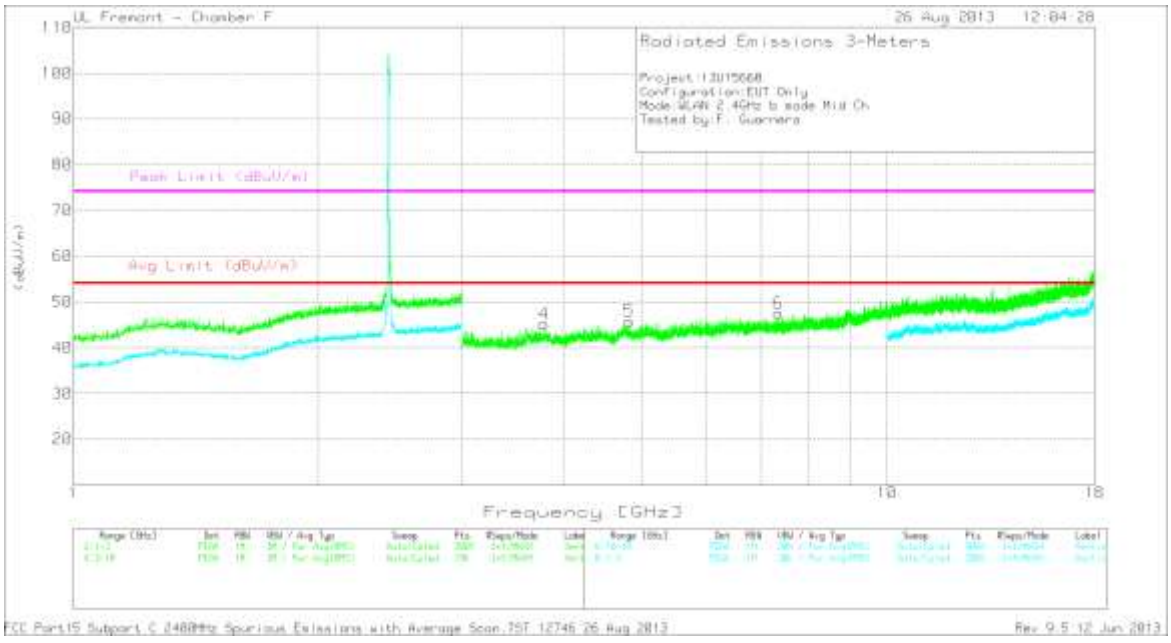
PK - Peak detector

HARMONICS AND SPURIOUS EMISSIONS CH6

MID CHANNEL HORITONTAL PLOT



MID CHANNEL VERTICAL PLOT



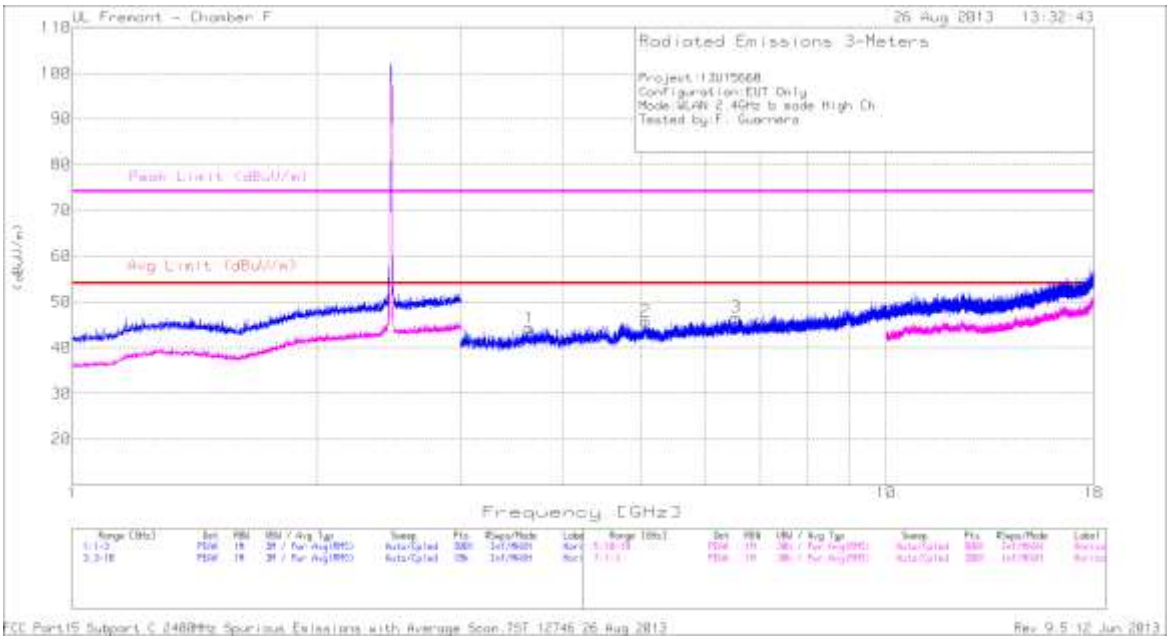
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /3GHz HPF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.138	39.38	PK	33.3	-29.6	43.08	53.97	-10.89	74	-30.92	0-360	100	H
2	4.276	40.4	PK	33.5	-28.9	45	53.97	-8.97	74	-29	0-360	199	H
3	8.46	37.45	PK	36	-24.9	48.55	53.97	-5.42	74	-25.45	0-360	199	H
4	3.787	40.48	PK	33.6	-28.9	45.18	53.97	-8.79	74	-28.82	0-360	201	V
5	4.817	38.95	PK	34.1	-27.3	45.75	53.97	-8.22	74	-28.25	0-360	101	V
6	7.351	38.46	PK	35.7	-26.6	47.56	53.97	-6.41	74	-26.44	0-360	101	V

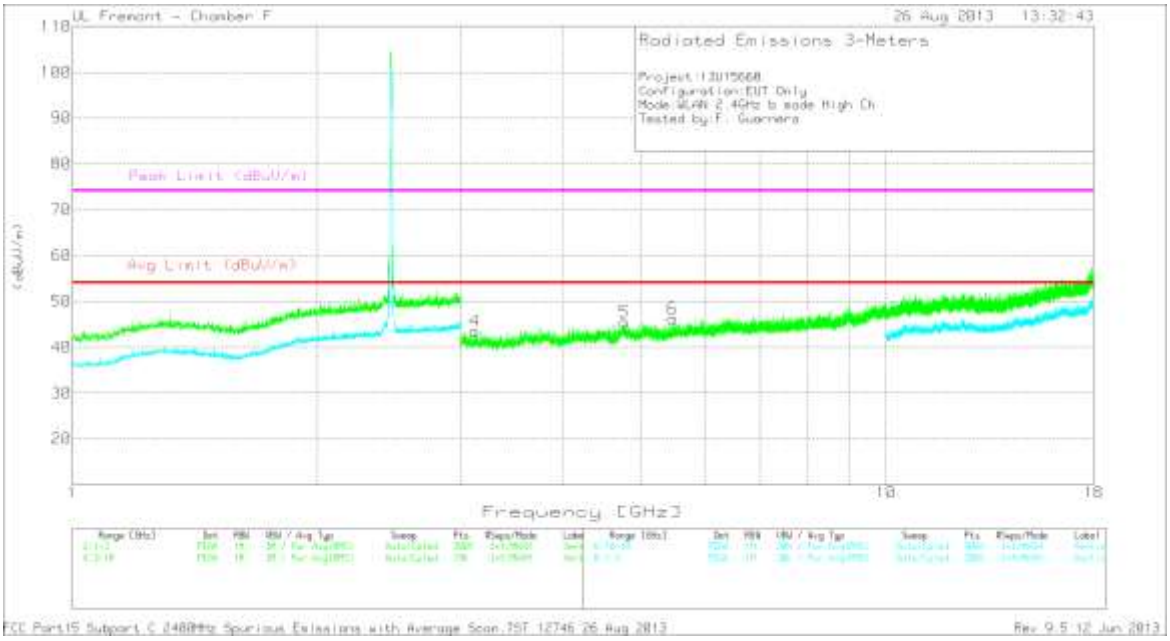
PK - Peak detector

HARMONICS AND SPURIOUS EMISSIONS CH11

HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



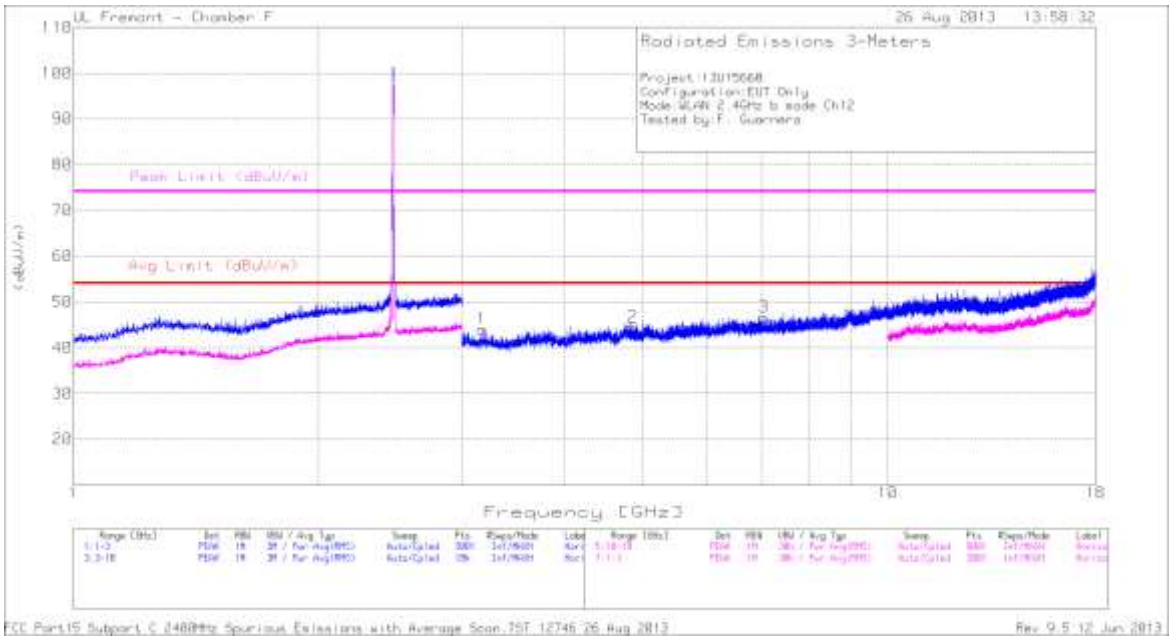
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /3GHz HPF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.641	40.03	PK	33.7	-29.4	44.33	53.97	-9.64	74	-29.67	0-360	201	H
2	5.063	38.88	PK	34.1	-27.1	45.88	53.97	-8.09	74	-28.12	0-360	201	H
3	6.541	38.29	PK	35.8	-27.4	46.69	53.97	-7.28	74	-27.31	0-360	101	H
4	3.123	39.8	PK	33.3	-29.6	43.5	53.97	-10.47	74	-30.5	0-360	100	V
5	4.768	39.47	PK	34.1	-28.1	45.47	53.97	-8.5	74	-28.53	0-360	100	V
6	5.466	39.12	PK	34.7	-27.6	46.22	53.97	-7.75	74	-27.78	0-360	100	V

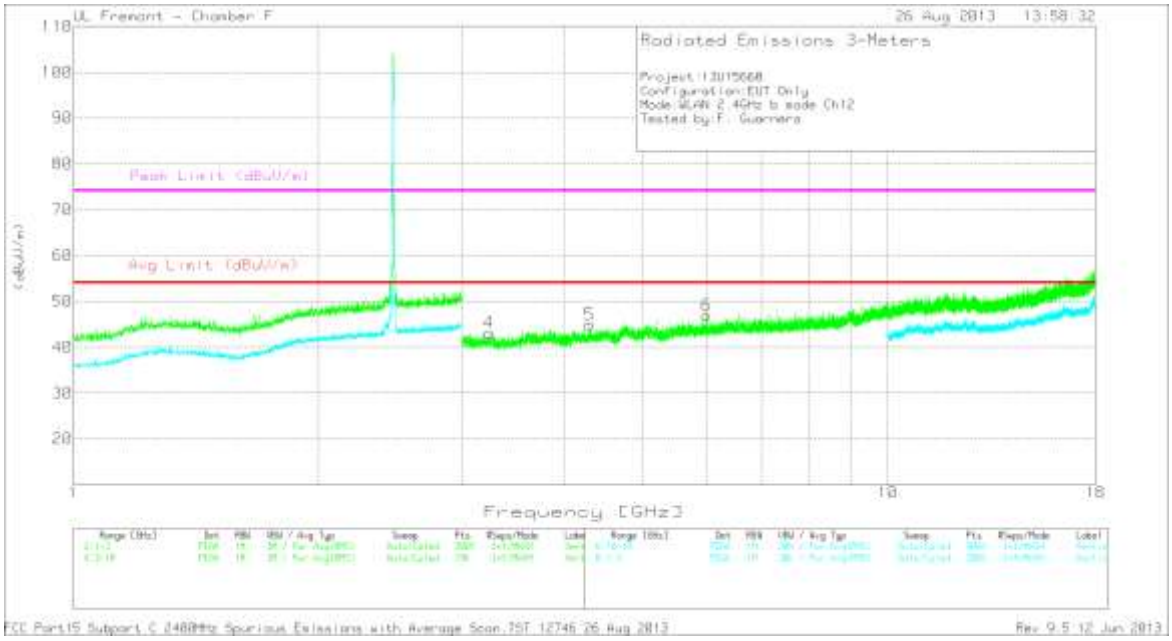
PK - Peak detector

HARMONICS AND SPURIOUS EMISSIONS CH12

CHANNEL 12 HORITONTAL PLOT



CHANNEL 12 VERTICAL PLOT



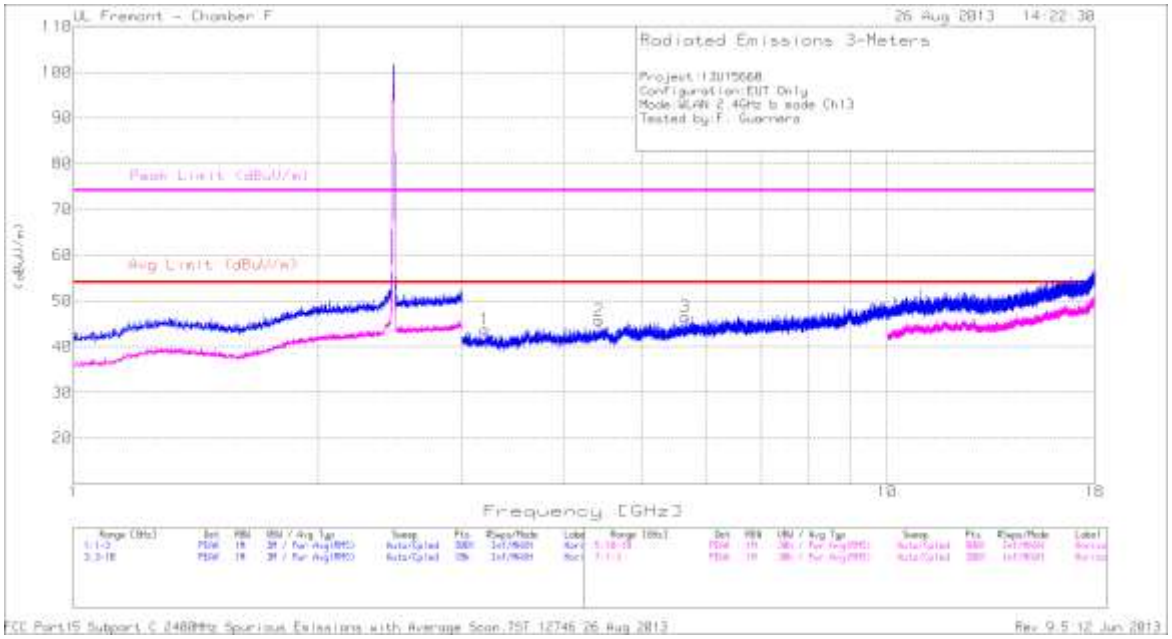
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /3GHz HPF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.176	40.24	PK	33.2	-29.4	44.04	53.97	-9.93	74	-29.96	0-360	100	H
2	4.859	38.59	PK	34	-28.1	44.49	53.97	-9.48	74	-29.51	0-360	100	H
3	7.042	37.2	PK	35.7	-26.2	46.7	53.97	-7.27	74	-27.3	0-360	100	H
4	3.239	38.86	PK	33.2	-28.9	43.16	53.97	-10.81	74	-30.84	0-360	100	V
5	4.3	40.07	PK	33.5	-28.7	44.87	53.97	-9.1	74	-29.13	0-360	100	V
6	5.987	39.16	PK	35.3	-27.5	46.96	53.97	-7.01	74	-27.04	0-360	199	V

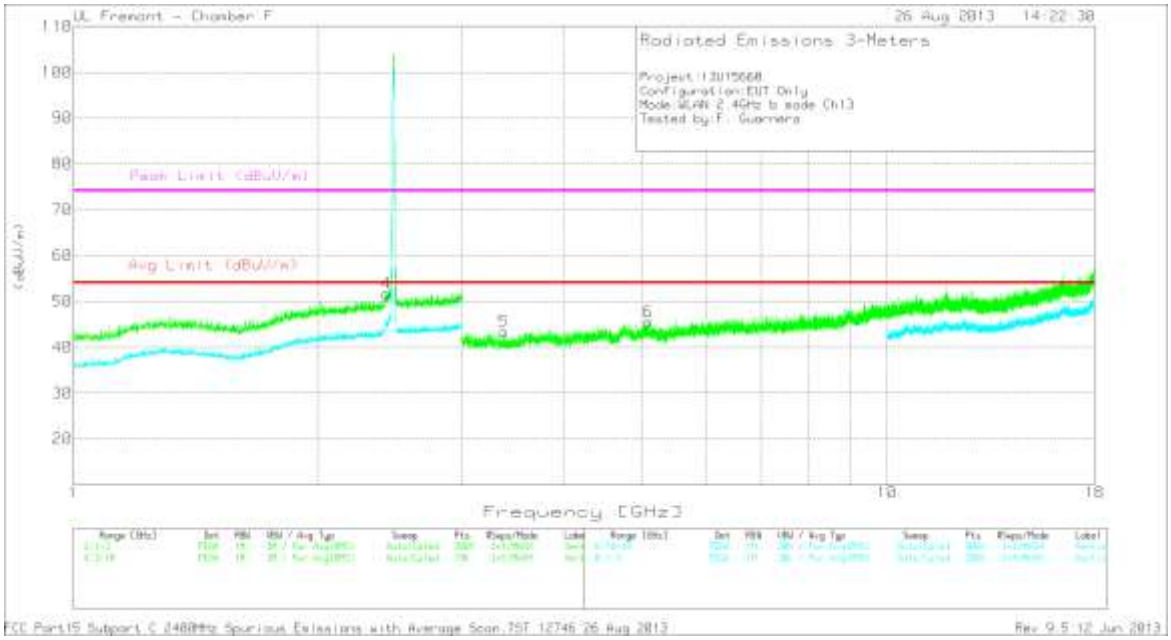
PK - Peak detector

HARMONICS AND SPURIOUS EMISSIONS CH13

HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /10dB Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.202	39.53	PK	33.2	-29	43.73	53.97	-10.24	74	-30.27	0-360	100	H
2	4.426	40.8	PK	33.7	-28.8	45.7	53.97	-8.27	74	-28.3	0-360	200	H
3	5.647	39.37	PK	34.8	-27.7	46.47	53.97	-7.5	74	-27.53	0-360	200	H

PK - Peak detector

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /3GHz HPF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
*4	2.423	41.97	PK	32.2	-22.5	51.67	-	-	-	-	-	199	V
5	3.377	39.96	PK	33	-29.6	43.36	53.97	-10.61	74	-30.64	0-360	199	V
6	5.087	38.61	PK	34.1	-27.2	45.51	53.97	-8.46	74	-28.49	0-360	100	V

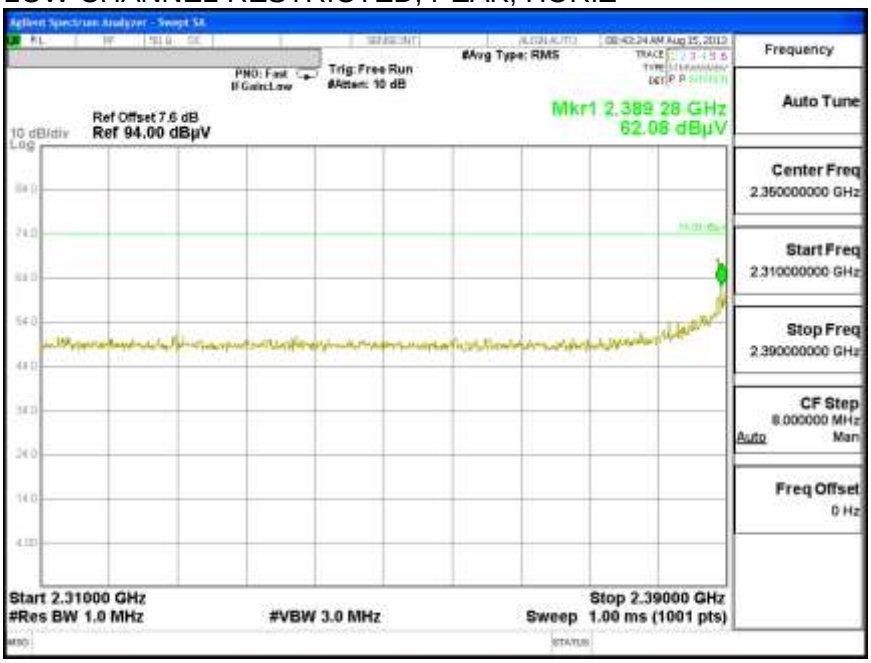
PK - Peak detector

*Not in Restricted Band

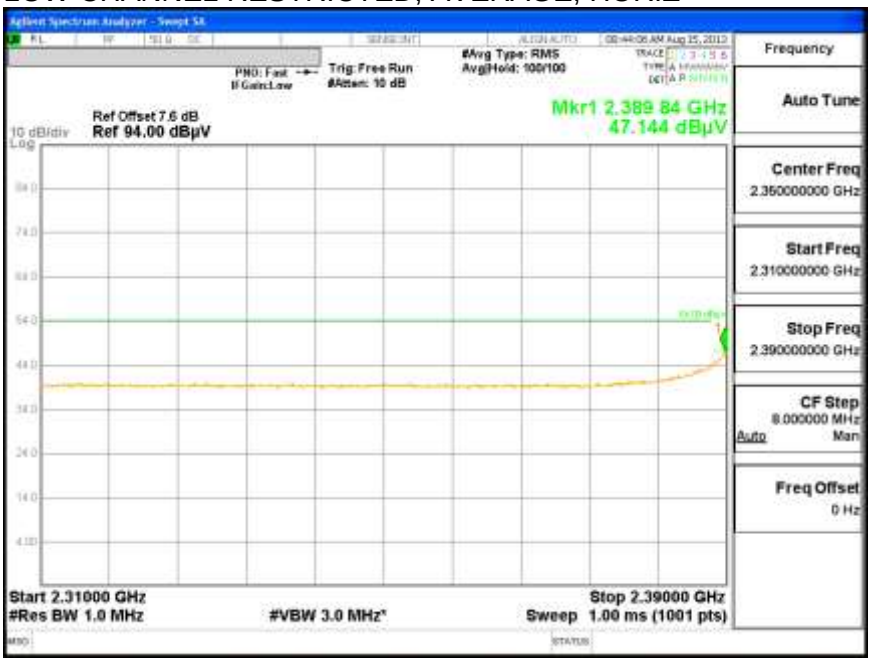
9.2.2. TX ABOVE 1 GHz 802.11g MODE IN THE 2.4 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL) CH1

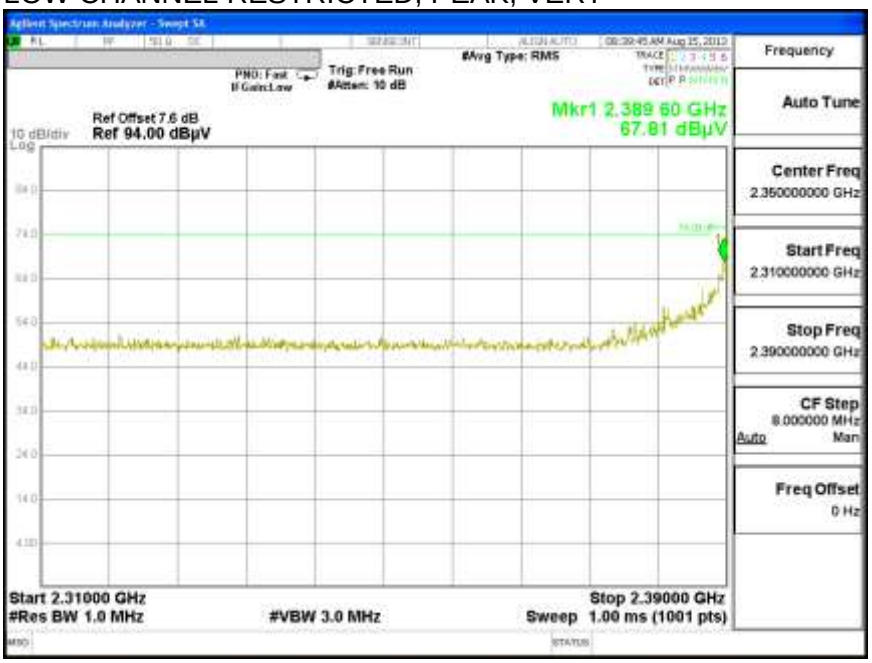
LOW CHANNEL RESTRICTED, PEAK, HORIZ



LOW CHANNEL RESTRICTED, AVERAGE, HORIZ



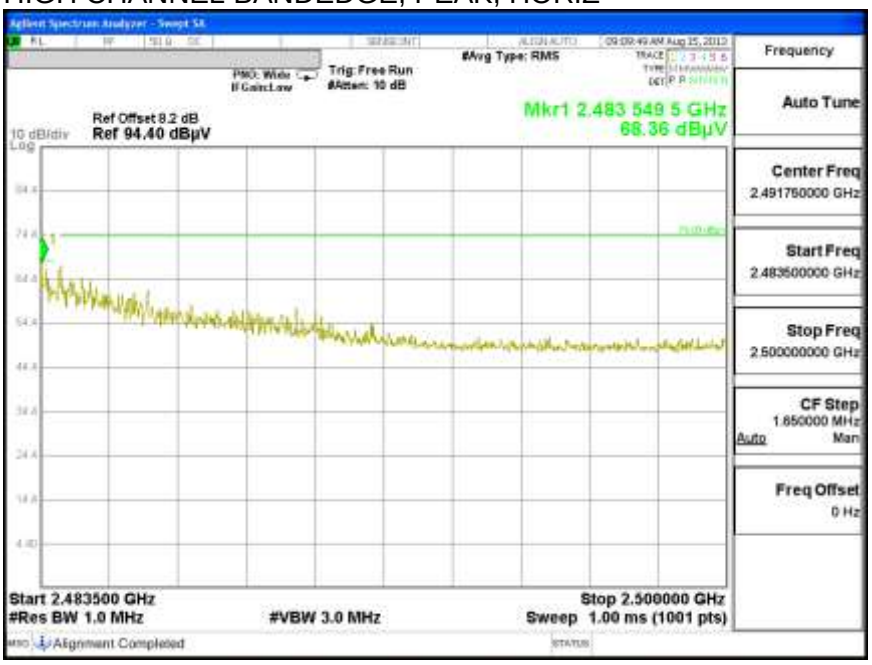
LOW CHANNEL RESTRICTED, PEAK, VERT



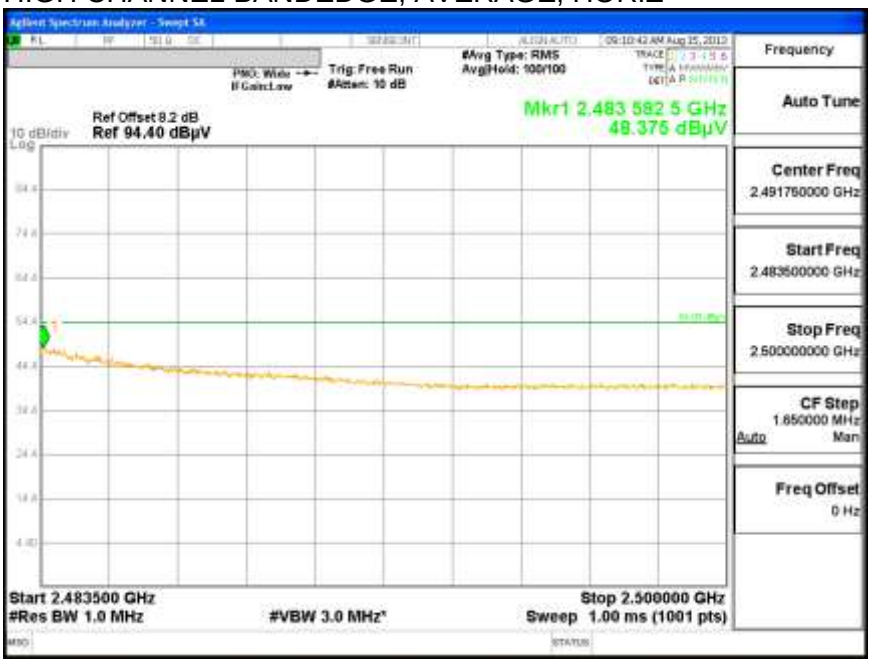
LOW CHANNEL RESTRICTED, AVERAGE, VERT

AUTHORIZED BANDEDGE (HIGH CHANNEL) CH11

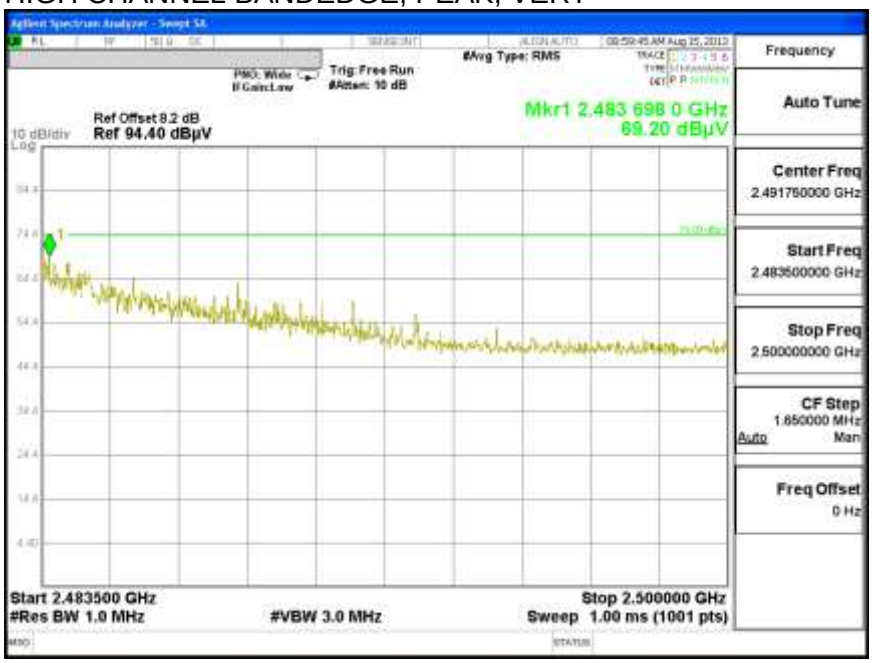
HIGH CHANNEL BANDEDGE, PEAK, HORIZ



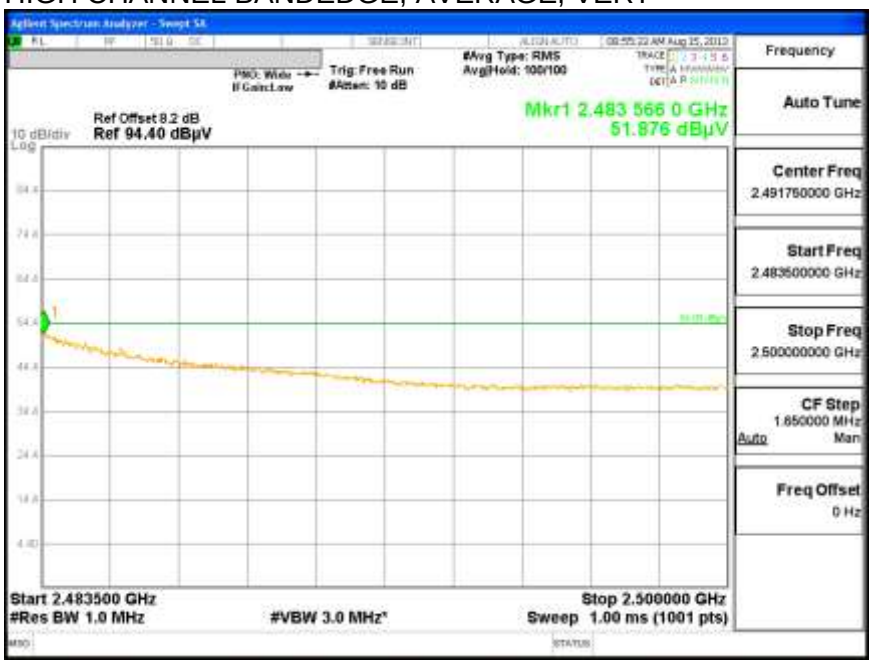
HIGH CHANNEL BANDEDGE, AVERAGE, HORIZ



HIGH CHANNEL BANDEDGE, PEAK, VERT

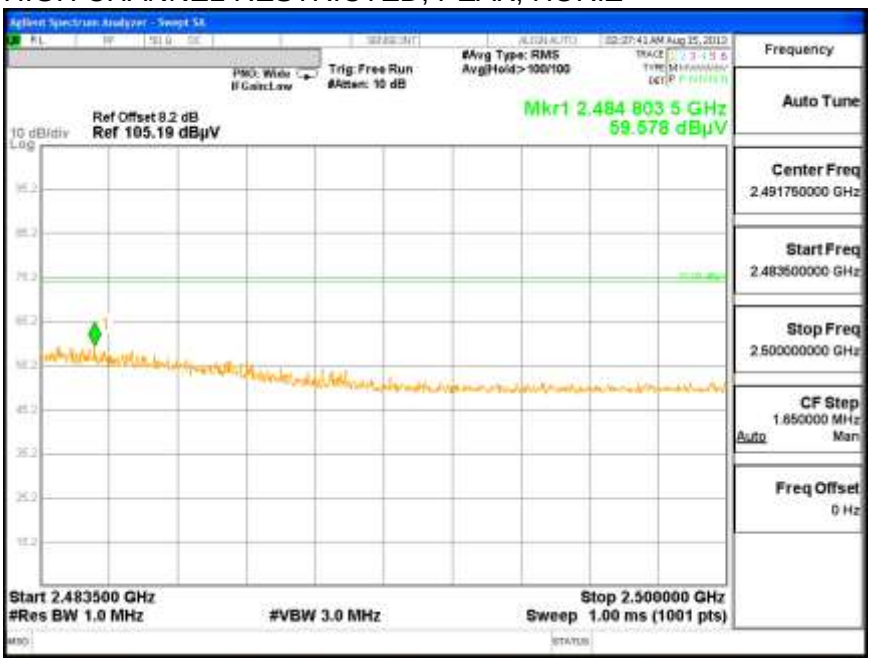


HIGH CHANNEL BANDEDGE, AVERAGE, VERT

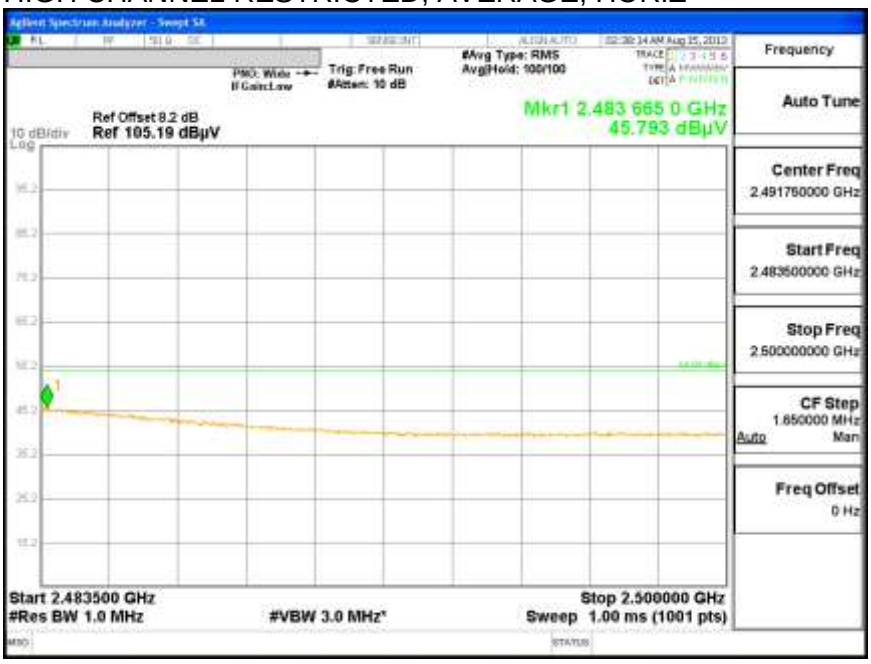


RESTRICTED BANDEDGE CH12

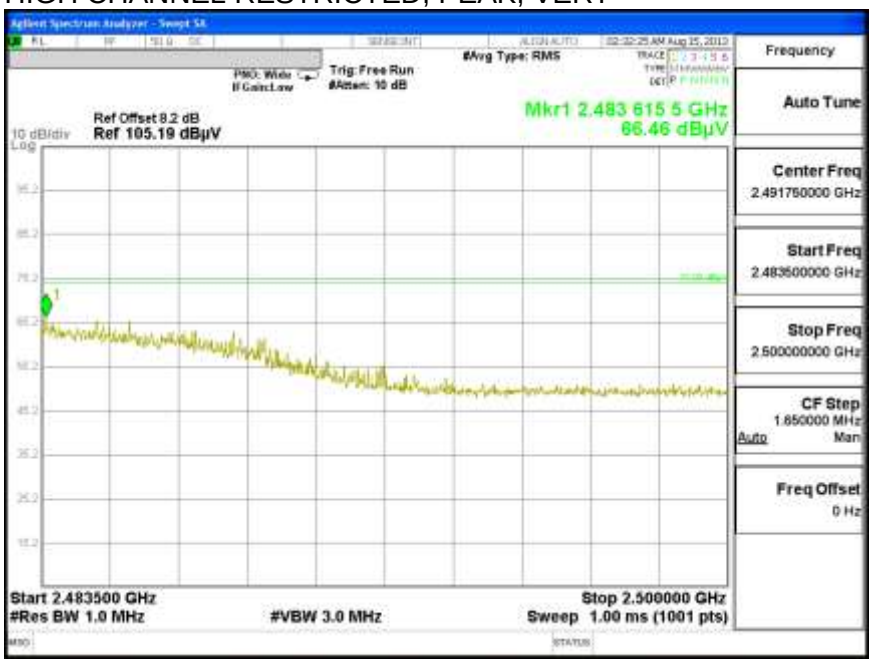
HIGH CHANNEL RESTRICTED, PEAK, HORIZ



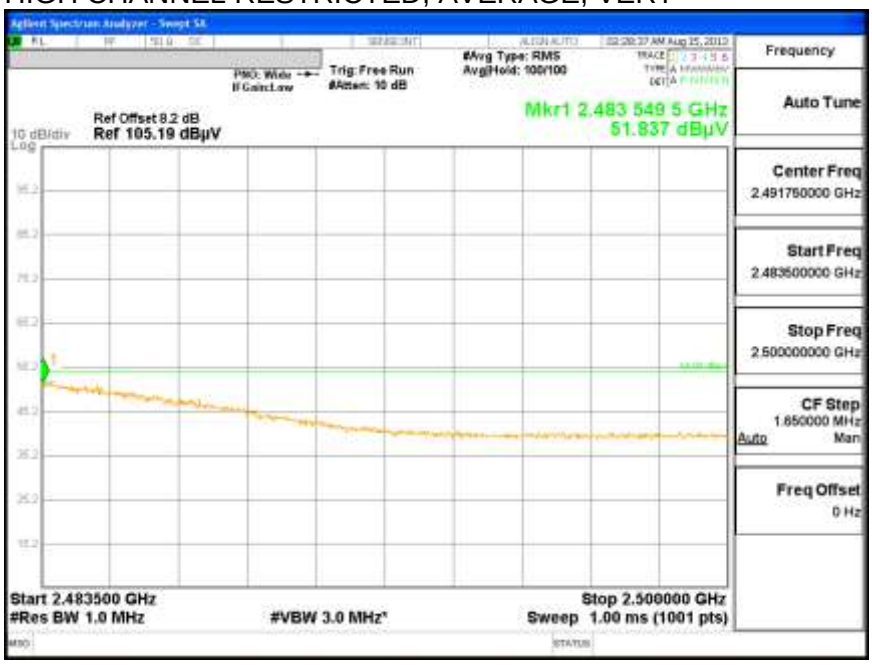
HIGH CHANNEL RESTRICTED, AVERAGE, HORIZ



HIGH CHANNEL RESTRICTED, PEAK, VERT

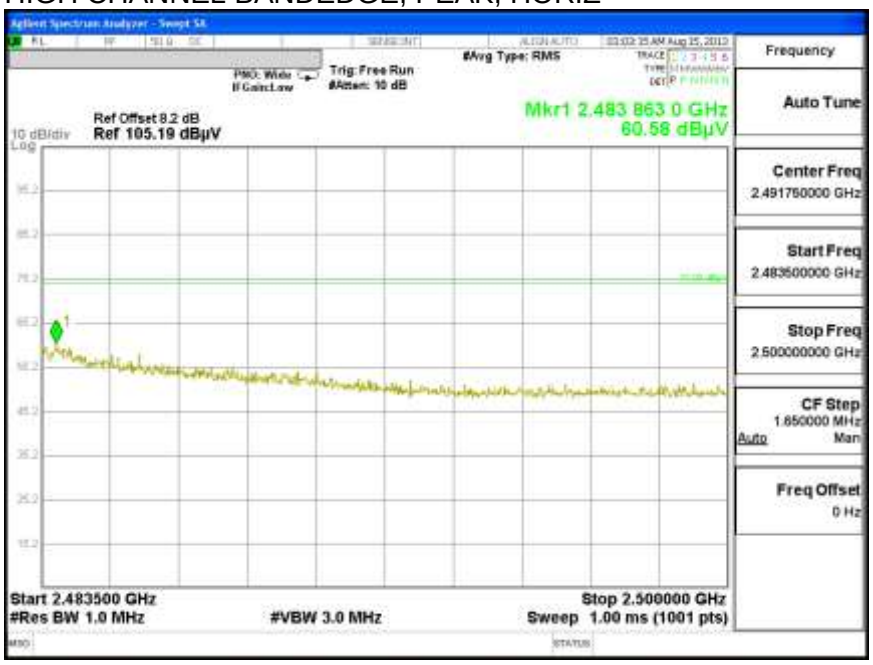


HIGH CHANNEL RESTRICTED, AVERAGE, VERT

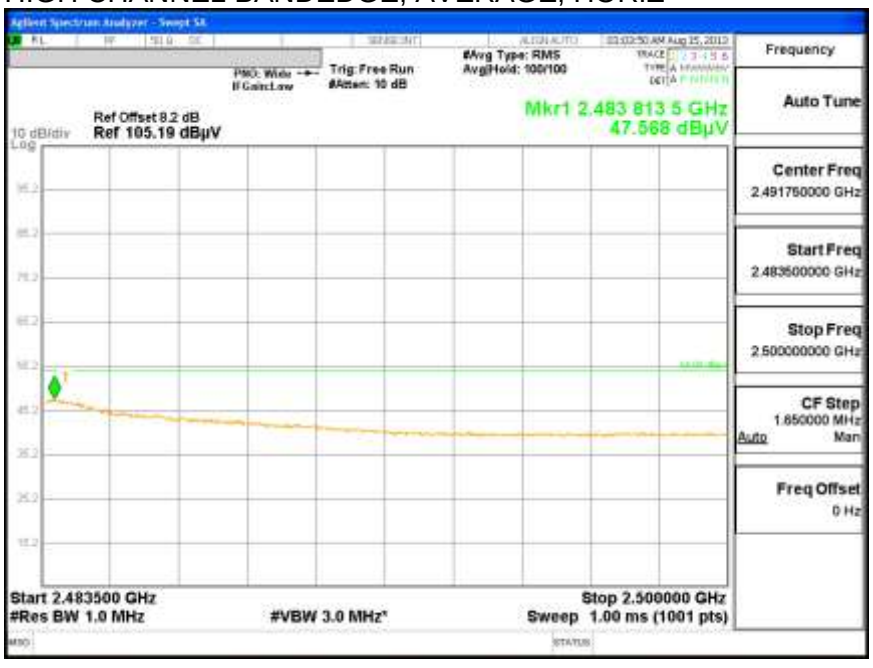


AUTHORIZED BANDEDGE CH13

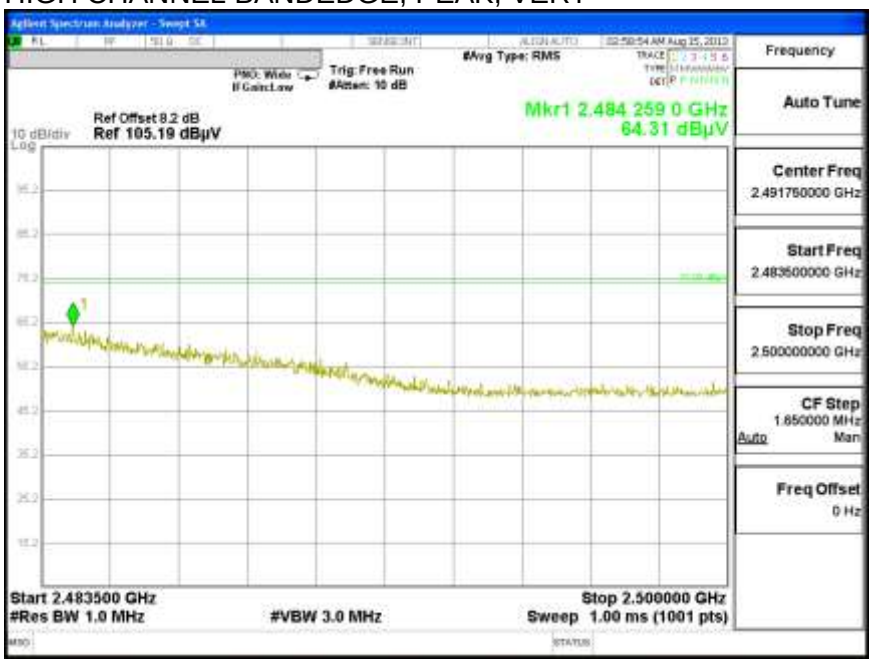
HIGH CHANNEL BANDEDGE, PEAK, HORIZ



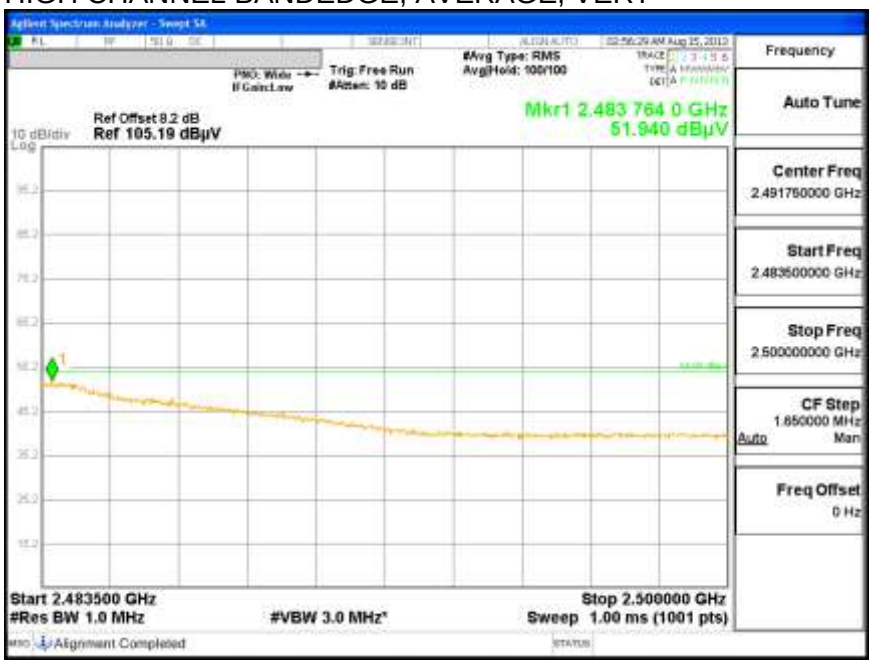
HIGH CHANNEL BANDEDGE, AVERAGE, HORIZ



HIGH CHANNEL BANDEDGE, PEAK, VERT

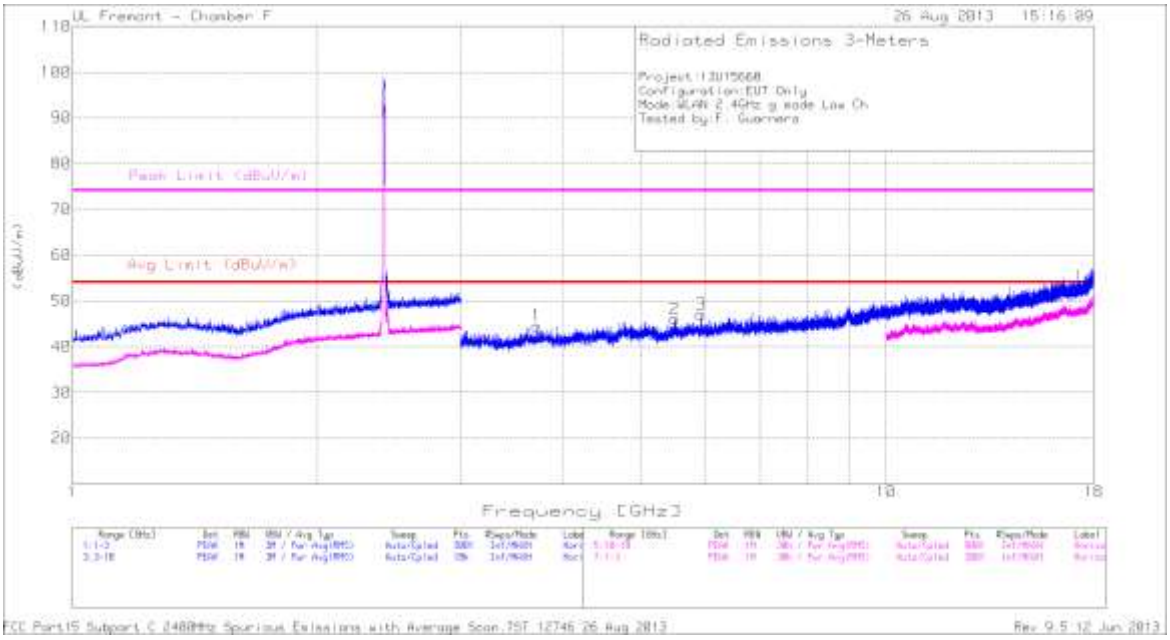


HIGH CHANNEL BANDEDGE, AVERAGE, VERT

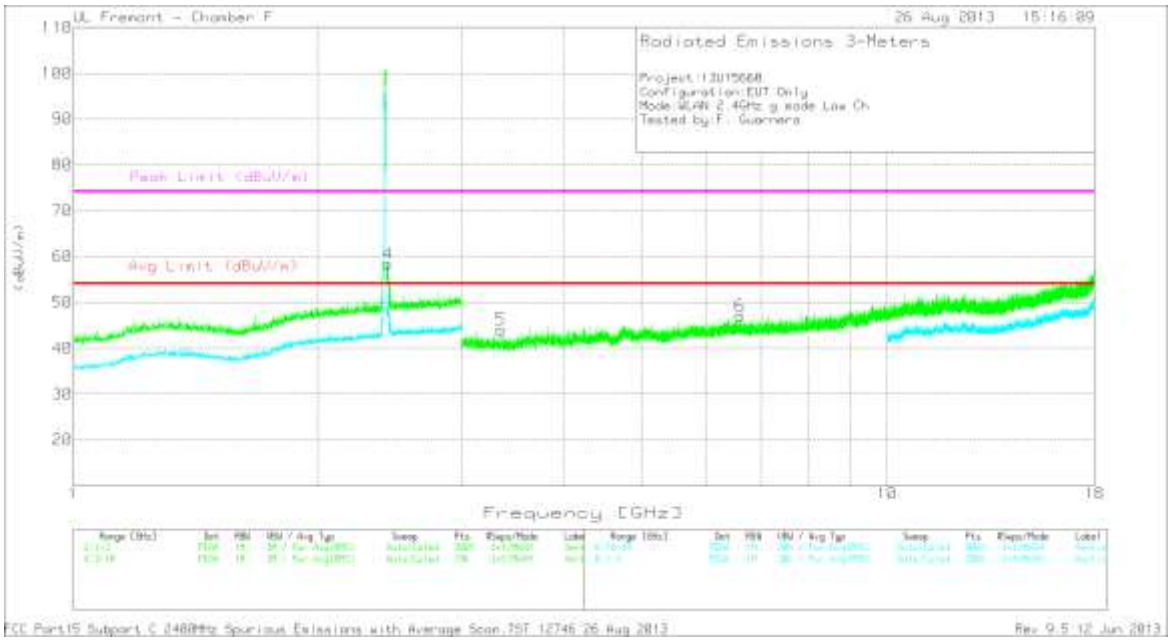


HARMONICS AND SPURIOUS EMISSIONS CH1

LOW CHANNEL HORIZONTAL PLOT



LOW CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /10dB Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.72	40.58	PK	33.5	-29.5	44.58	53.97	-9.39	74	-29.42	0-360	200	H
2	5.499	39.45	PK	34.7	-28.1	46.05	53.97	-7.92	74	-27.95	0-360	200	H
3	5.922	39.77	PK	35.3	-28	47.07	53.97	-6.9	74	-26.93	0-360	200	H

PK - Peak detector

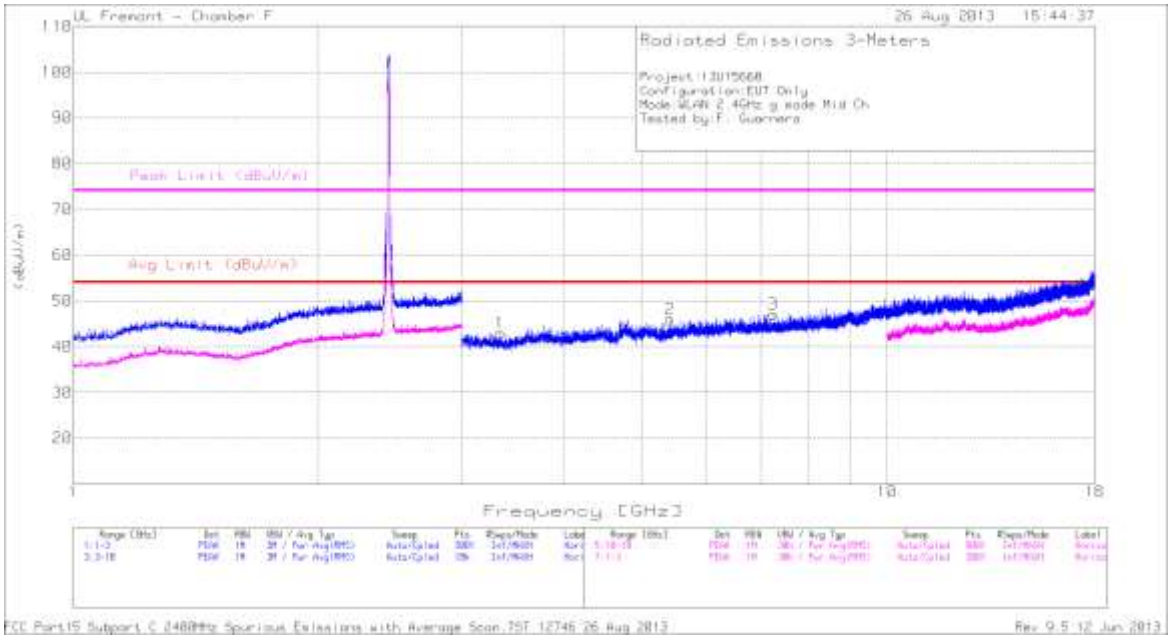
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /3GHz HPF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
*4	2.435	48.6	PK	32.3	-22.5	58.4	-	-	-	-	0-360	199	V
5	3.351	40.38	PK	33	-29.4	43.98	53.97	-9.99	74	-30.02	0-360	199	V
6	6.597	37.82	PK	35.8	-26.6	47.02	53.97	-6.95	74	-26.98	0-360	199	V

PK - Peak detector

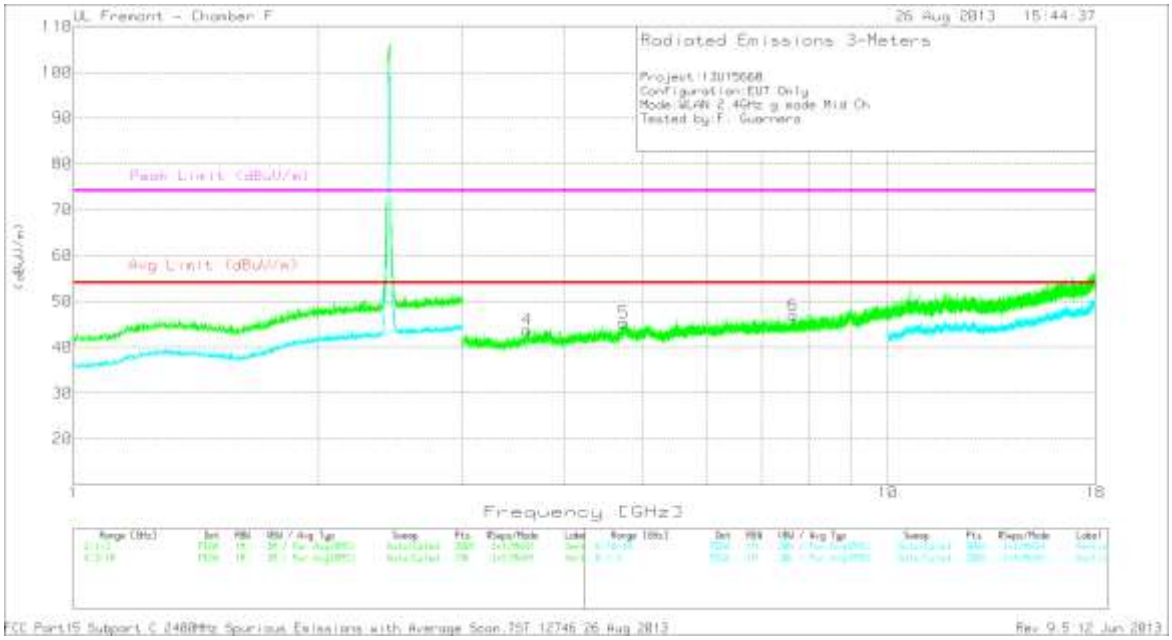
*Not in Restricted Band

HARMONICS AND SPURIOUS EMISSIONS CH6

MID CHANNEL HORITONTAL PLOT



MID CHANNEL VERTICAL PLOT



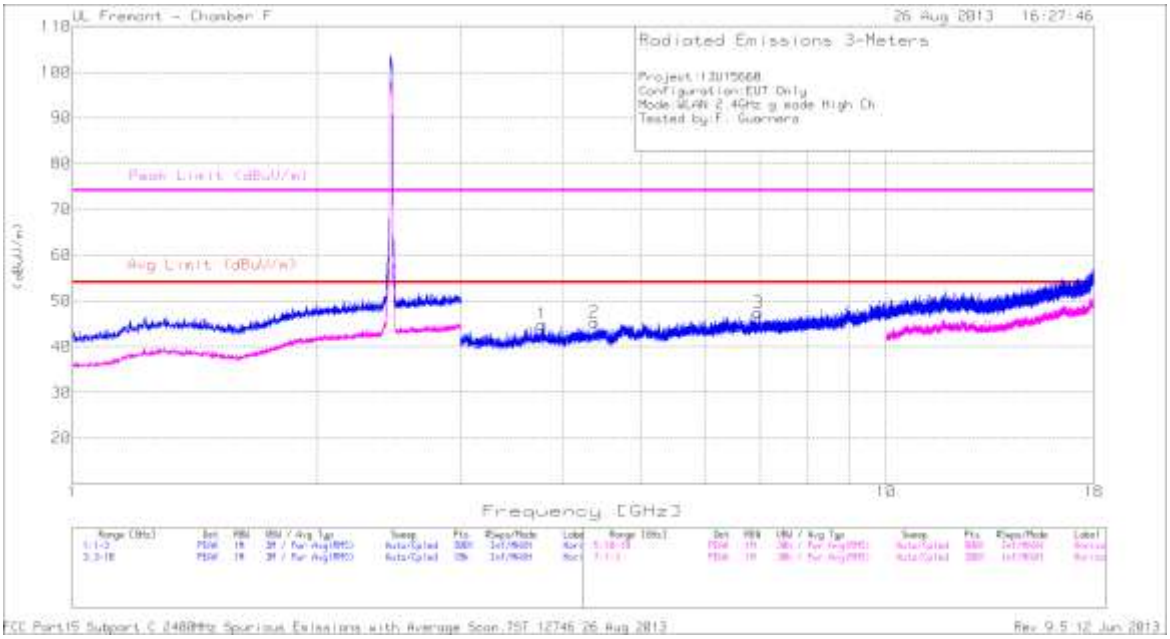
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /3GHz HPF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.346	39.29	PK	33	-29.4	42.89	53.97	-11.08	74	-31.11	0-360	201	H
2	5.41	38.92	PK	34.6	-27.6	45.92	53.97	-8.05	74	-28.08	0-360	201	H
3	7.241	37.99	PK	35.7	-26.6	47.09	53.97	-6.88	74	-26.91	0-360	201	H
4	3.605	38.94	PK	33.7	-28.9	43.74	53.97	-10.23	74	-30.26	0-360	99	V
5	4.745	39.79	PK	34.1	-28.6	45.29	53.97	-8.68	74	-28.71	0-360	99	V
6	7.65	36.66	PK	35.9	-25.6	46.96	53.97	-7.01	74	-27.04	0-360	99	V

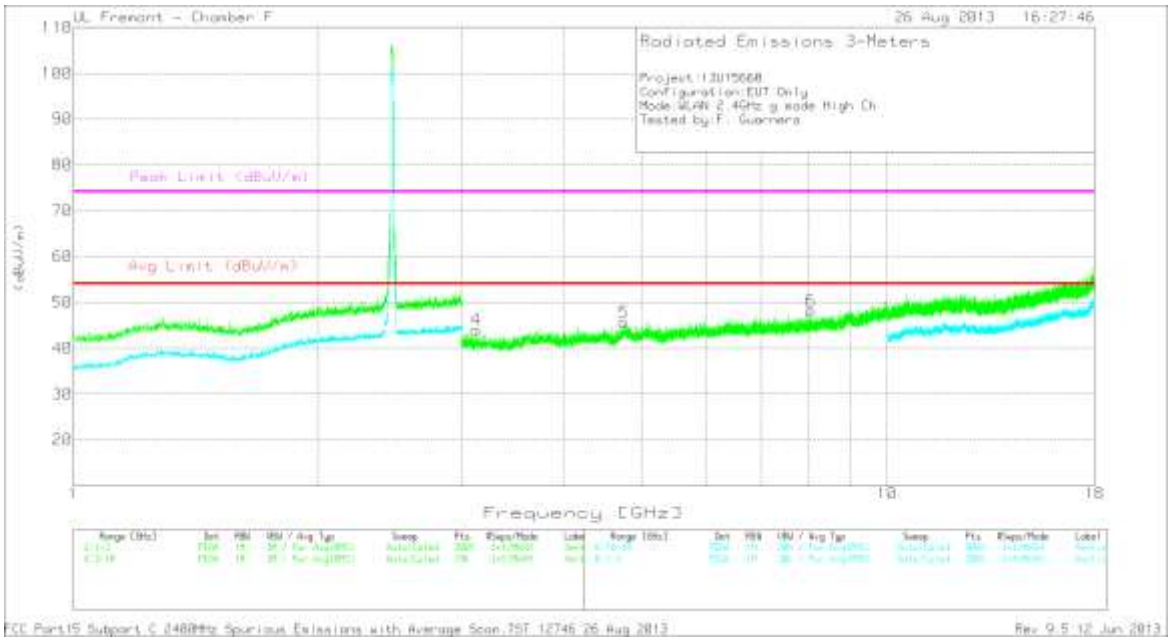
PK - Peak detector

HARMONICS AND SPURIOUS EMISSIONS CH11

HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



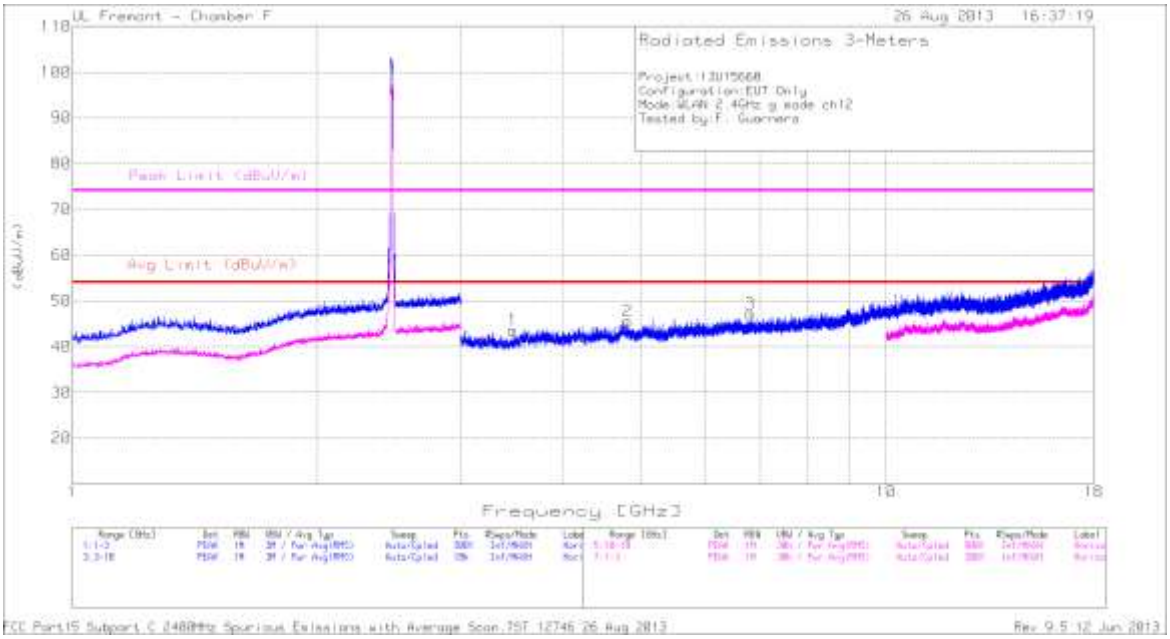
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /3GHz HPF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.78	40.27	PK	33.6	-28.9	44.97	53.97	-9	74	-29.03	0-360	201	H
2	4.38	41.03	PK	33.6	-29.3	45.33	53.97	-8.64	74	-28.67	0-360	201	H
3	6.961	38.34	PK	35.7	-26.6	47.44	53.97	-6.53	74	-26.56	0-360	201	H
4	3.123	40.3	PK	33.3	-29.6	44	53.97	-9.97	74	-30	0-360	199	V
5	4.746	39.99	PK	34.1	-28.5	45.59	53.97	-8.38	74	-28.41	0-360	199	V
6	8.055	37.23	PK	36	-25.1	48.13	53.97	-5.84	74	-25.87	0-360	199	V

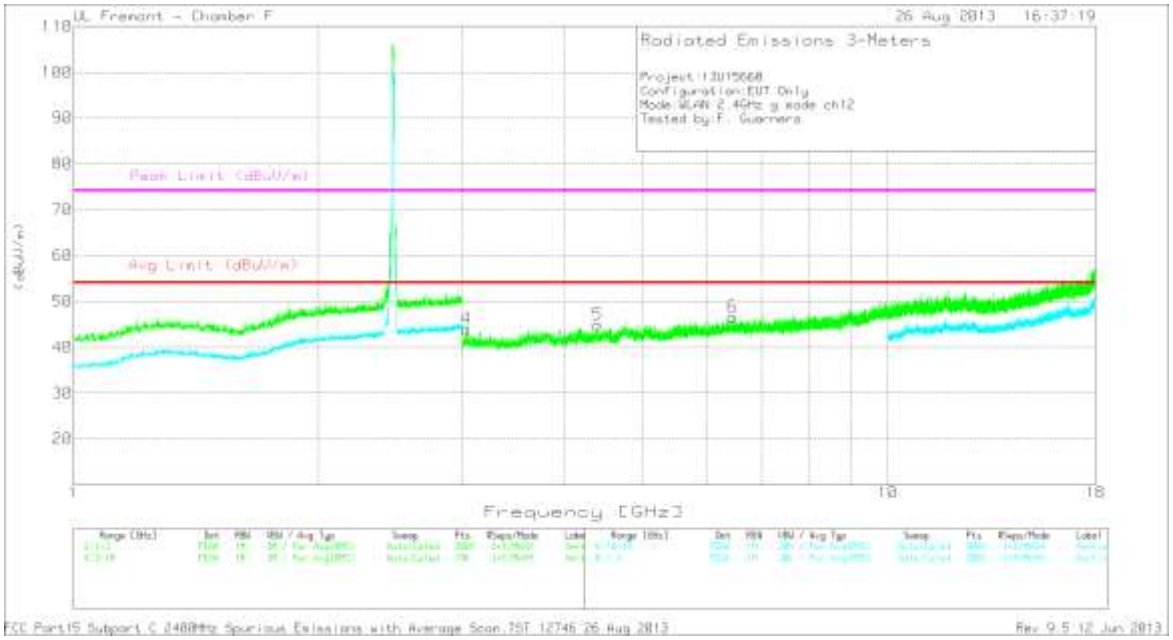
PK - Peak detector

HARMONICS AND SPURIOUS EMISSIONS CH12

CHANNEL 12 HORITONTAL PLOT



CHANNEL 12 VERTICAL PLOT



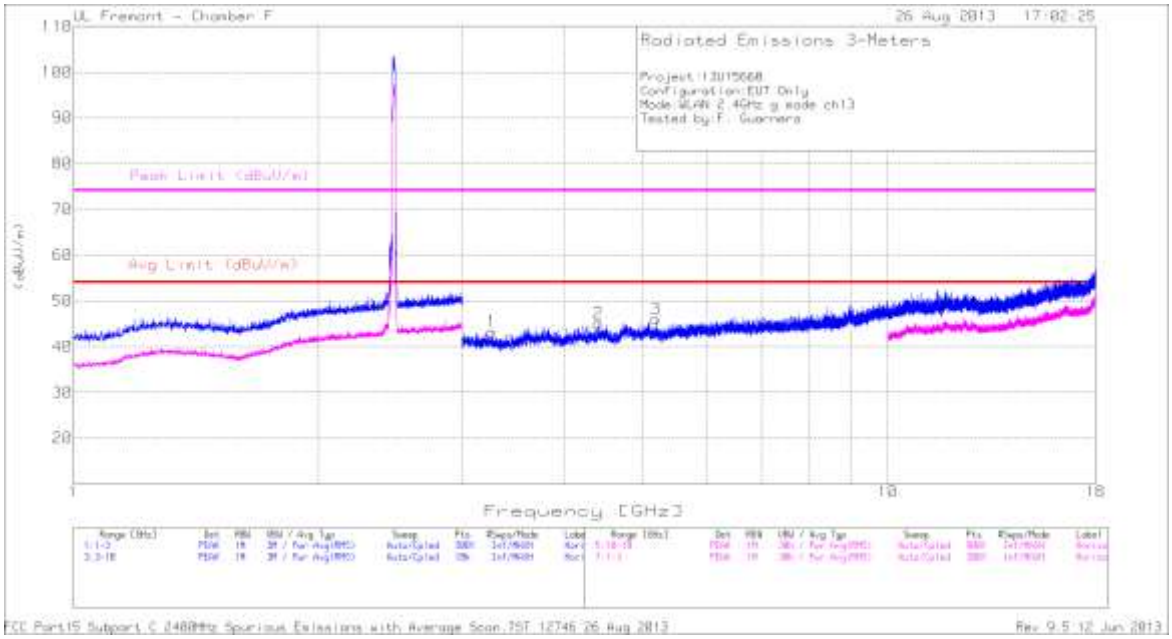
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /3GHz HPF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.477	39.32	PK	33.1	-28.8	43.62	53.97	-10.35	74	-30.38	0-360	201	H
2	4.812	38.72	PK	34.1	-27.3	45.52	53.97	-8.45	74	-28.48	0-360	201	H
3	6.808	38.77	PK	35.7	-27.3	47.17	53.97	-6.8	74	-26.83	0-360	101	H
4	3.036	39.68	PK	33.2	-28.8	44.08	53.97	-9.89	74	-29.92	0-360	199	V
5	4.402	40.25	PK	33.7	-29	44.95	53.97	-9.02	74	-29.05	0-360	199	V
6	6.449	38.07	PK	35.8	-27.2	46.67	53.97	-7.3	74	-27.33	0-360	100	V

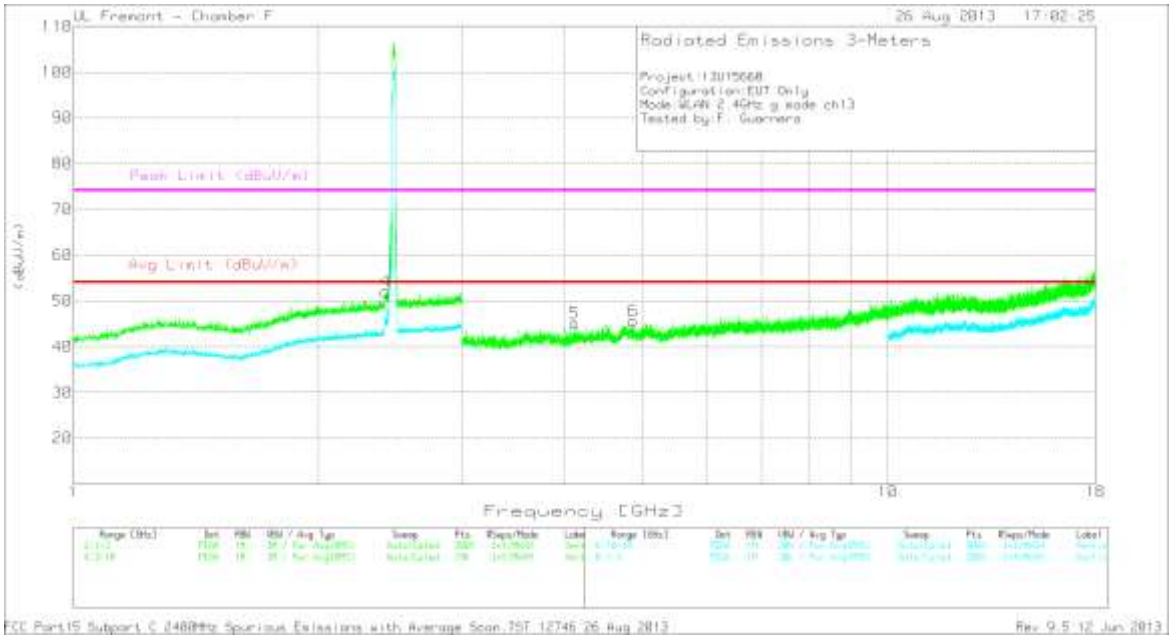
PK - Peak detector

HARMONICS AND SPURIOUS EMISSIONS CH13

HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /10dB Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.262	39.02	PK	33.1	-28.9	43.22	53.97	-10.75	74	-30.78	0-360	101	H
2	4.413	40.15	PK	33.7	-28.8	45.05	53.97	-8.92	74	-28.95	0-360	101	H
3	5.194	39.12	PK	34.3	-27.4	46.02	53.97	-7.95	74	-27.98	0-360	201	H

PK - Peak detector

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /3GHz HPF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
*4	2.418	42.34	PK	32.2	-22.5	52.04	-	-	-	-	0-360	199	V
5	4.122	40.44	PK	33.4	-28.8	45.04	53.97	-8.93	74	-28.96	0-360	199	V
6	4.867	39.79	PK	34	-28.2	45.59	53.97	-8.38	74	-28.41	0-360	199	V

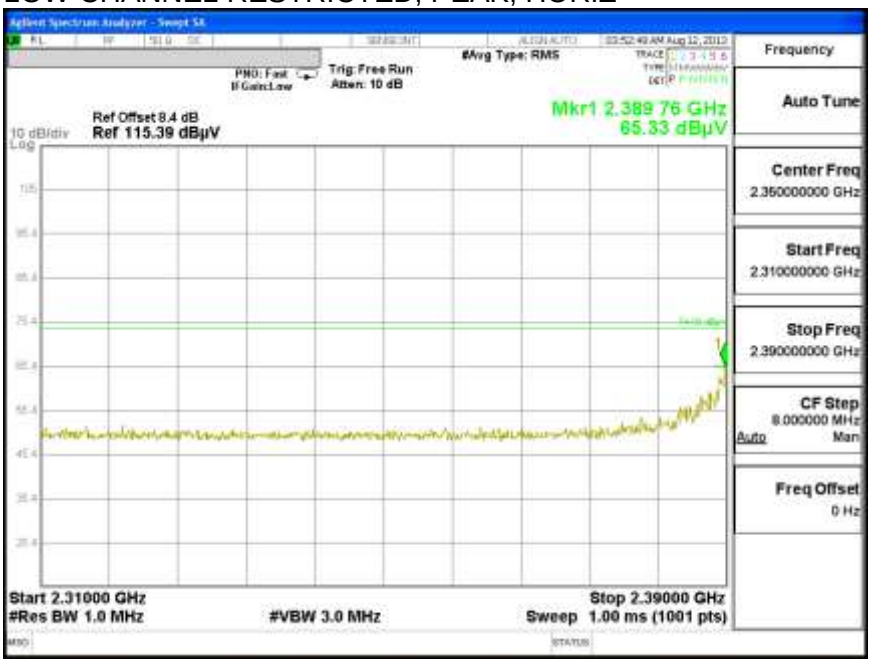
PK - Peak detector

*Not in Restricted Band

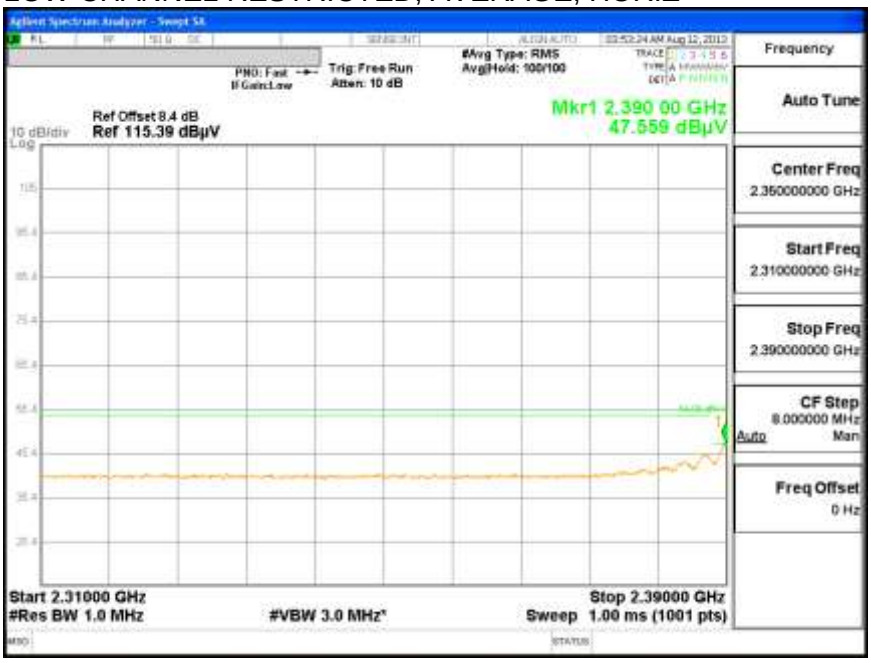
9.2.3. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 2.4 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL) CH1

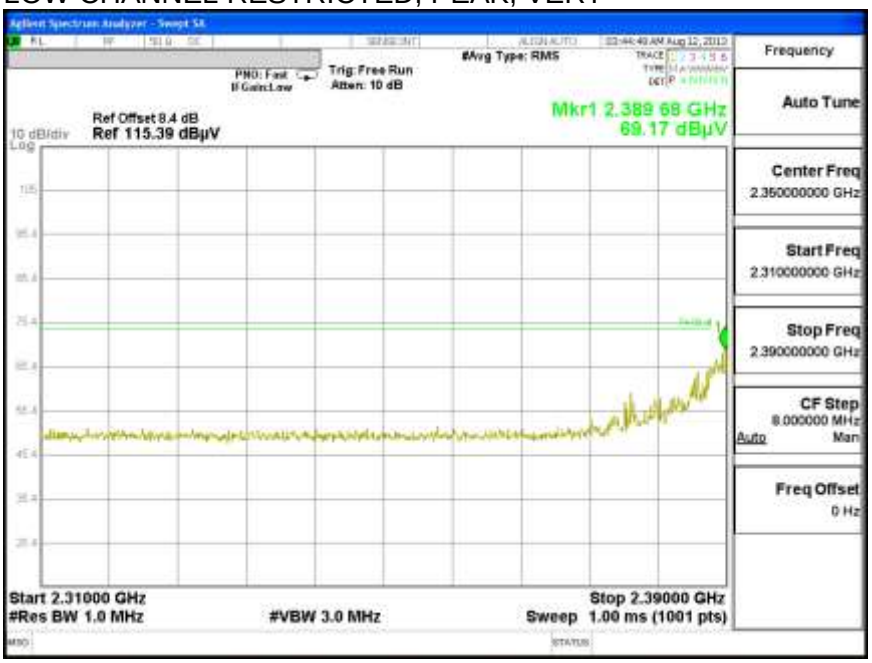
LOW CHANNEL RESTRICTED, PEAK, HORIZ



LOW CHANNEL RESTRICTED, AVERAGE, HORIZ



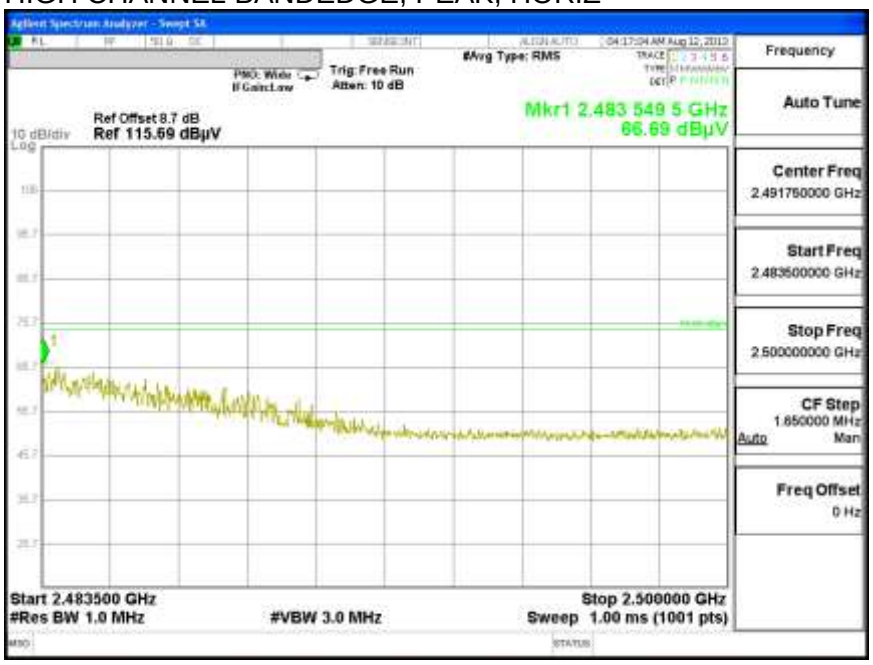
LOW CHANNEL RESTRICTED, PEAK, VERT



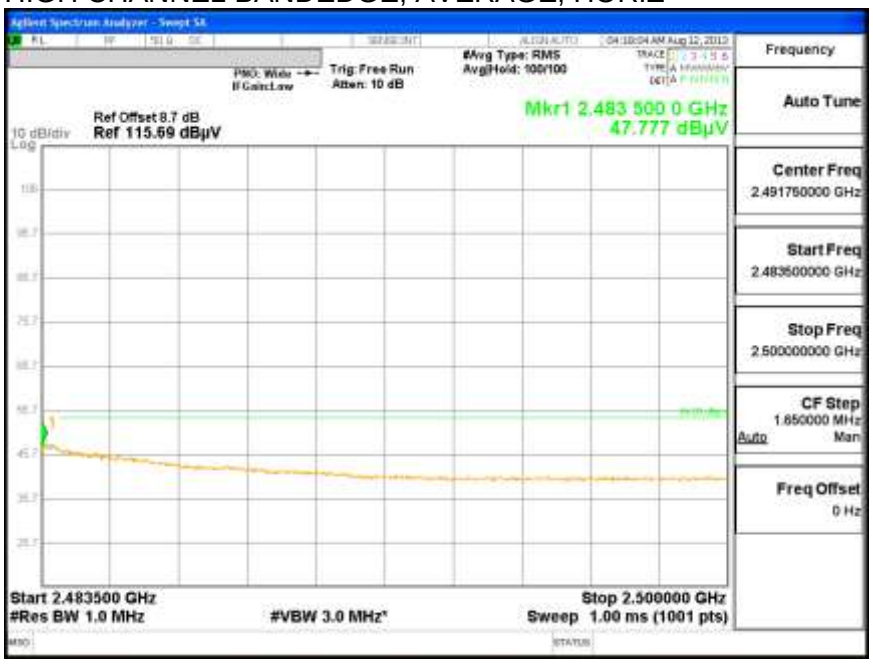
LOW CHANNEL RESTRICTED, AVERAGE, VERT

AUTHORIZED BANDEDGE (HIGH CHANNEL) CH11

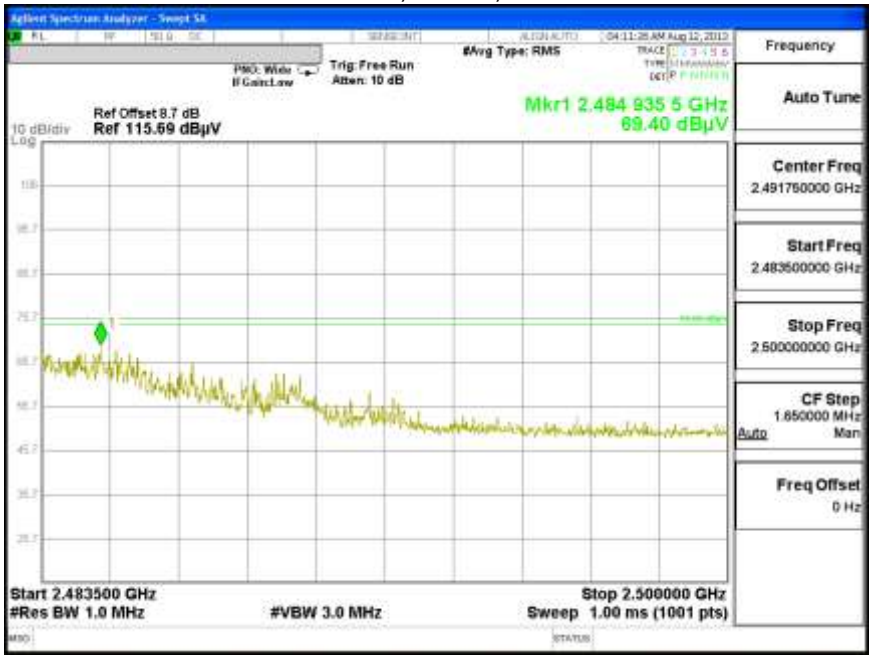
HIGH CHANNEL BANDEDGE, PEAK, HORIZ



HIGH CHANNEL BANDEDGE, AVERAGE, HORIZ



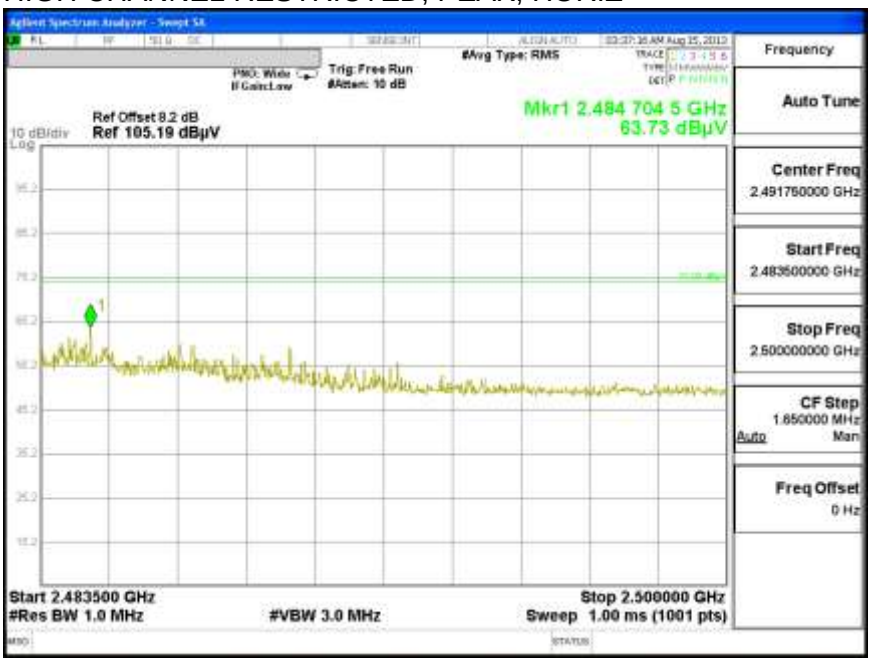
HIGH CHANNEL BANDEDGE, PEAK, VERT



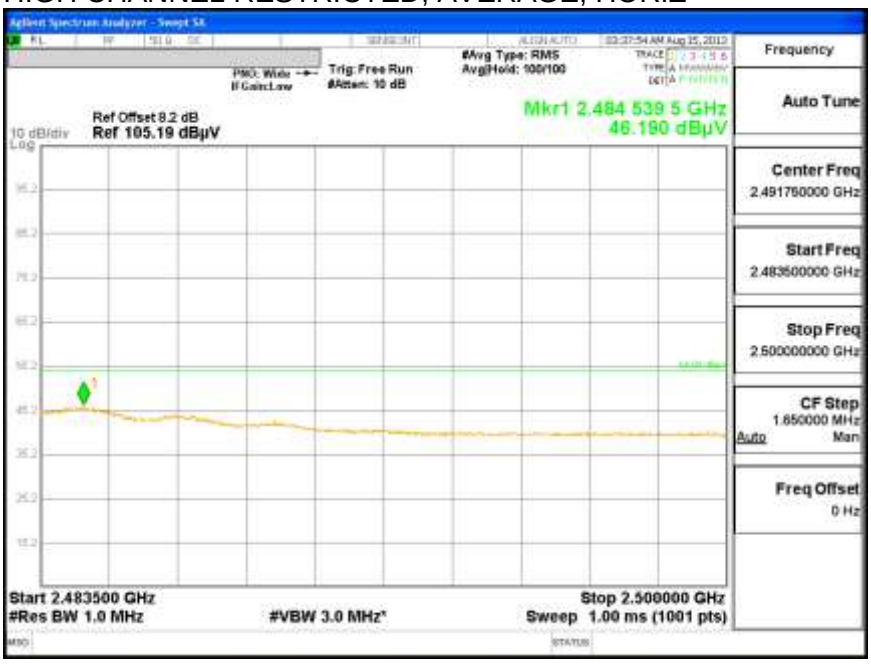
HIGH CHANNEL BANDEDGE, AVERAGE, VERT

RESTRICTED BANDEDGE CH12

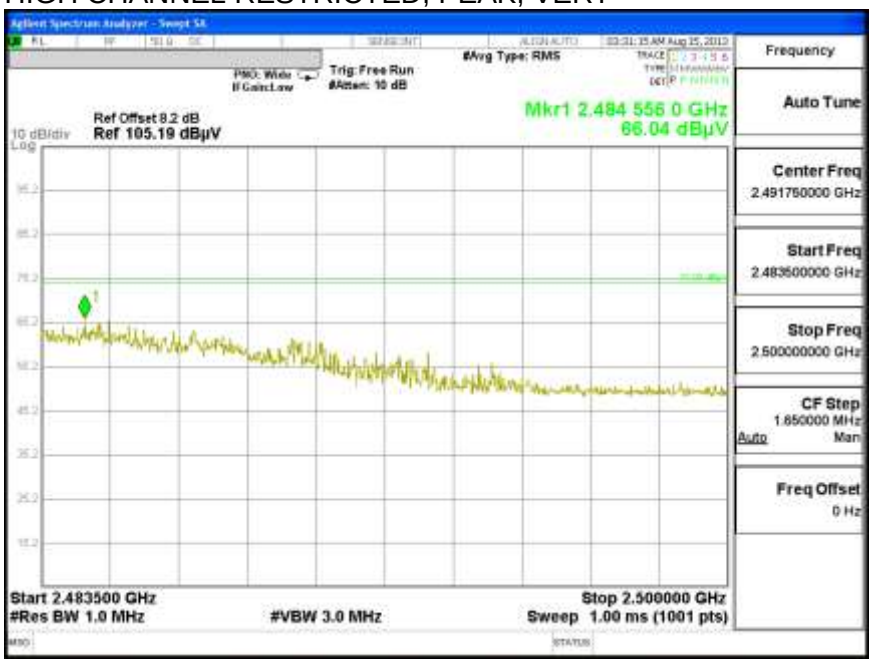
HIGH CHANNEL RESTRICTED, PEAK, HORIZ



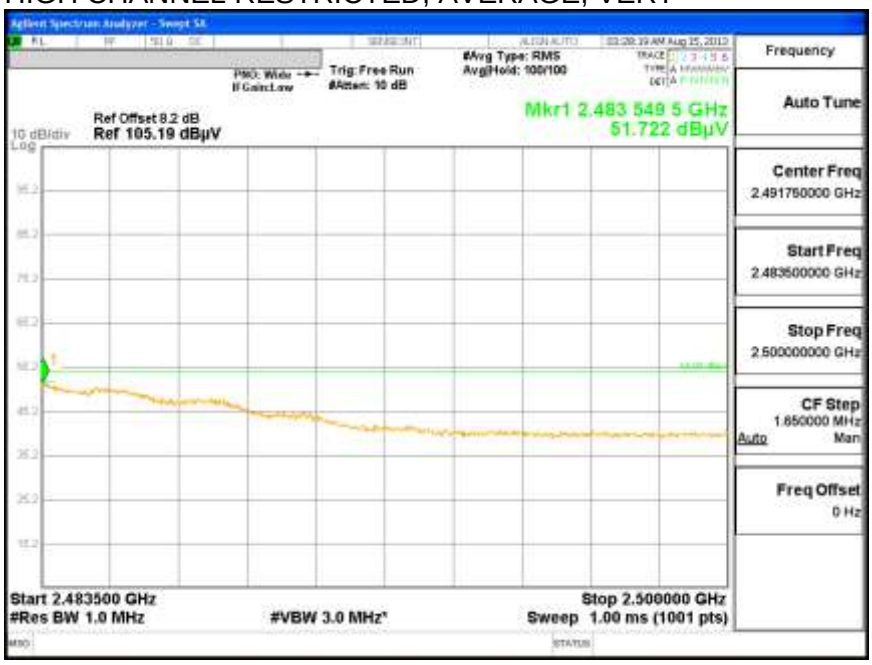
HIGH CHANNEL RESTRICTED, AVERAGE, HORIZ



HIGH CHANNEL RESTRICTED, PEAK, VERT

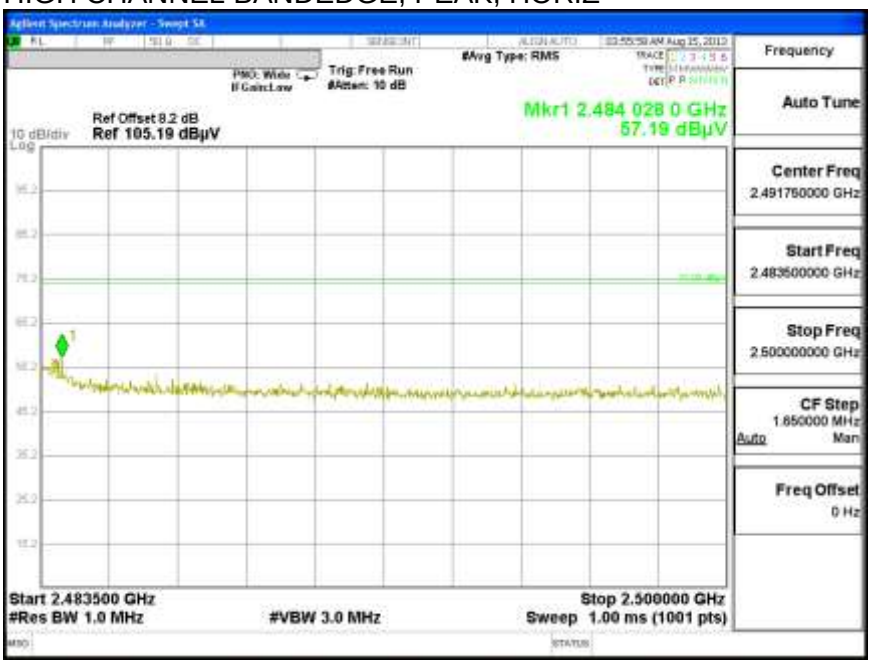


HIGH CHANNEL RESTRICTED, AVERAGE, VERT

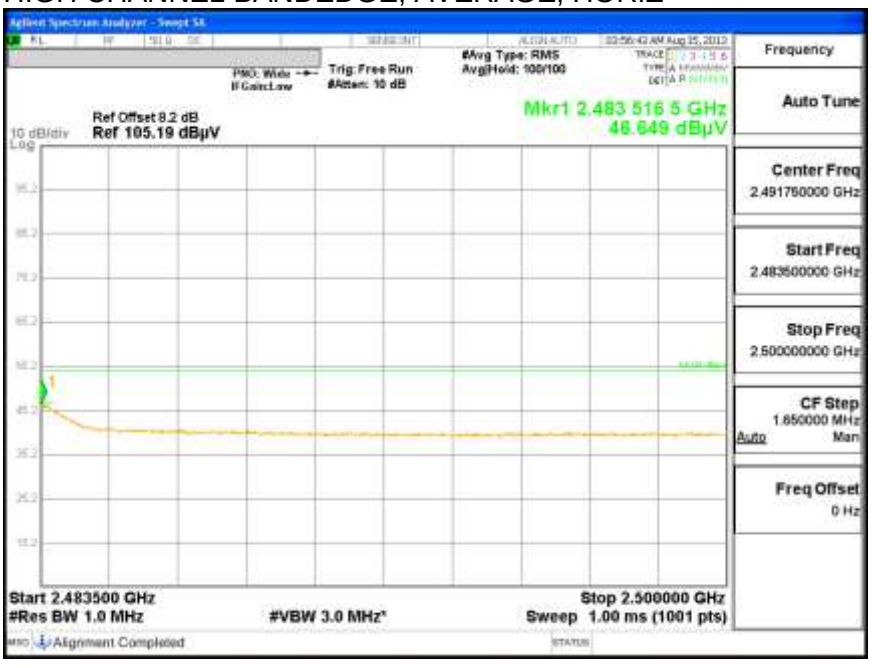


AUTHORIZED BANDEDGE CH13

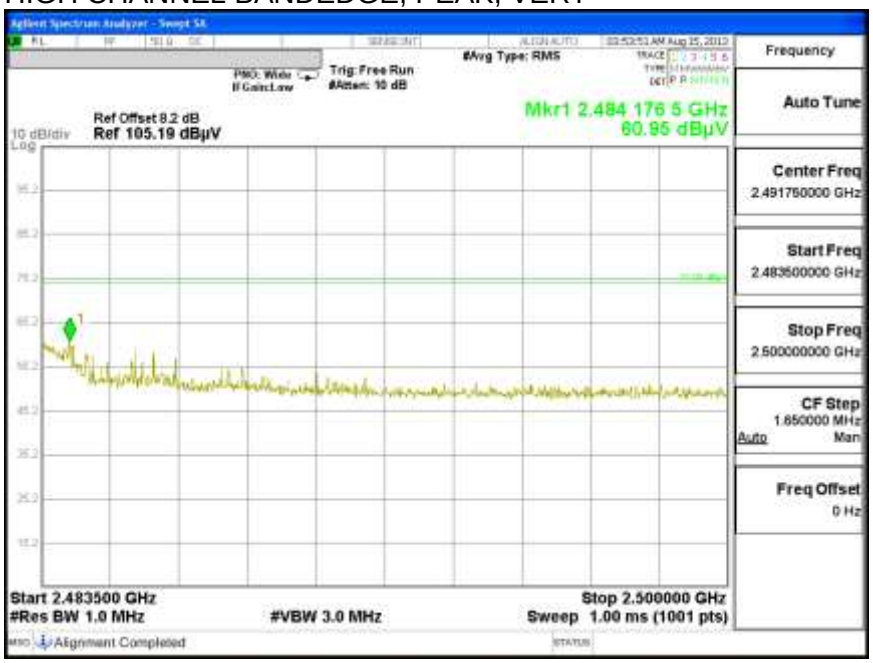
HIGH CHANNEL BANDEDGE, PEAK, HORIZ



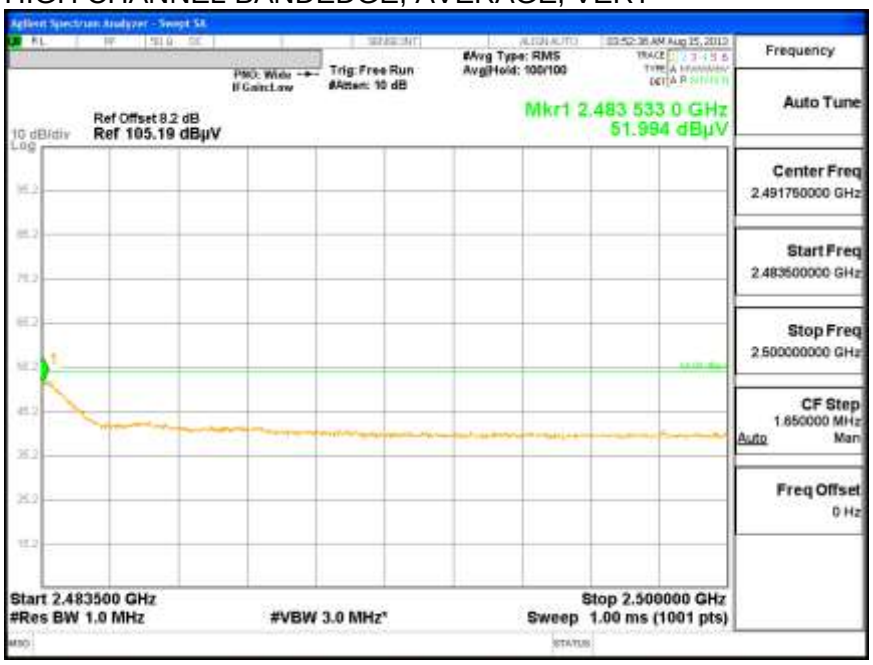
HIGH CHANNEL BANDEDGE, AVERAGE, HORIZ



HIGH CHANNEL BANDEDGE, PEAK, VERT

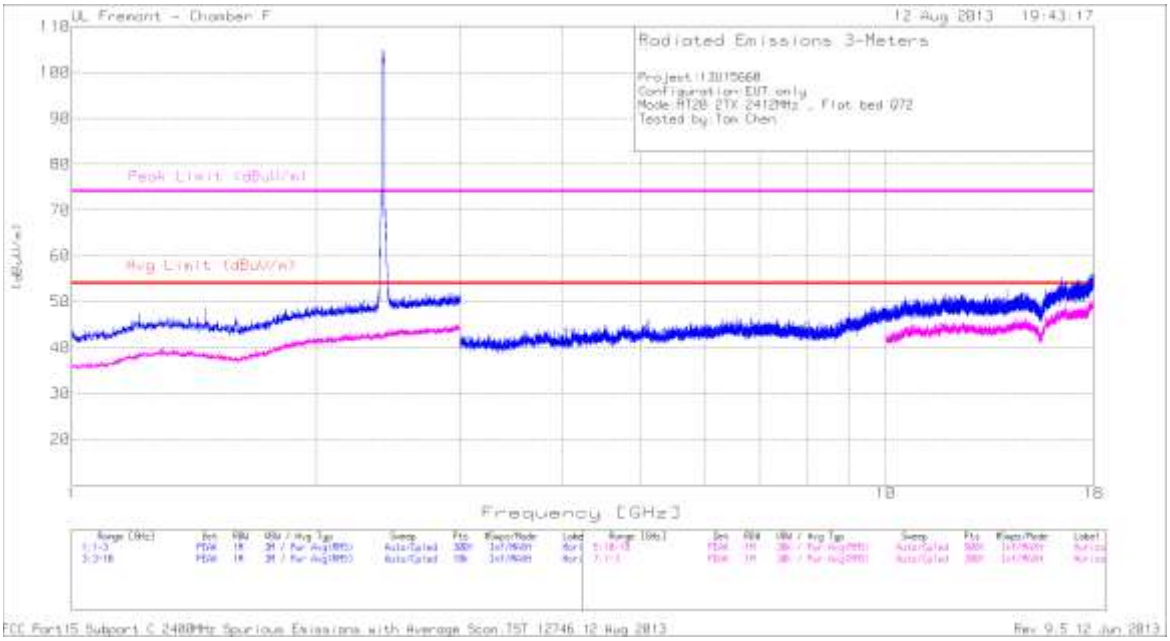


HIGH CHANNEL BANDEDGE, AVERAGE, VERT

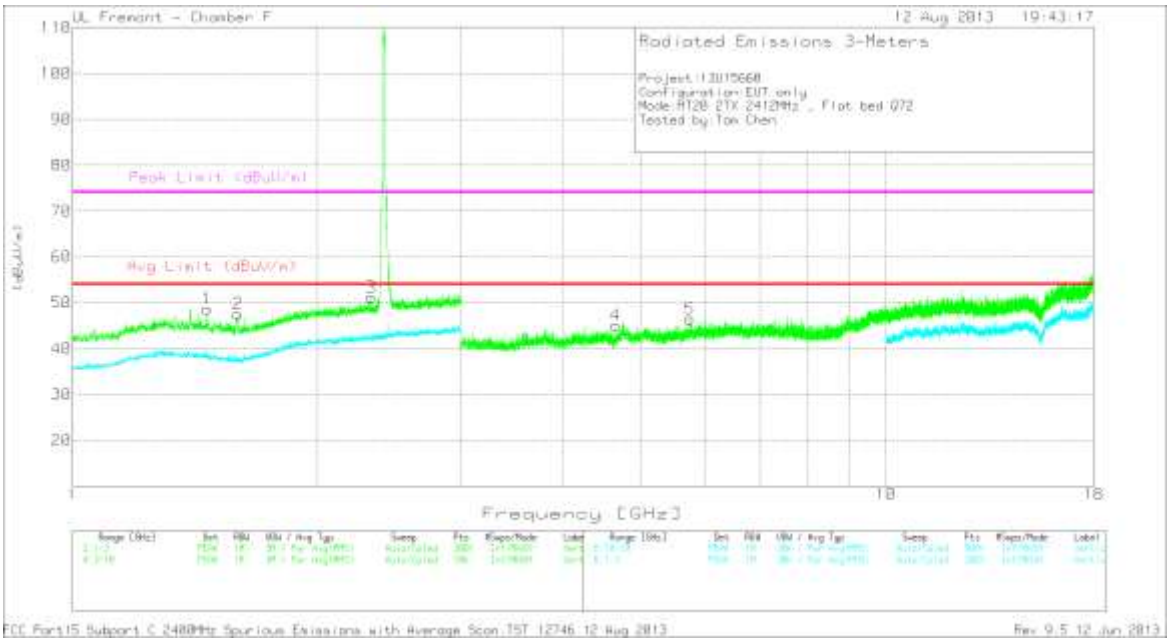


HARMONICS AND SPURIOUS EMISSIONS CH1

LOW CHANNEL HORIZONTAL PLOT



LOW CHANNEL VERTICAL PLOT



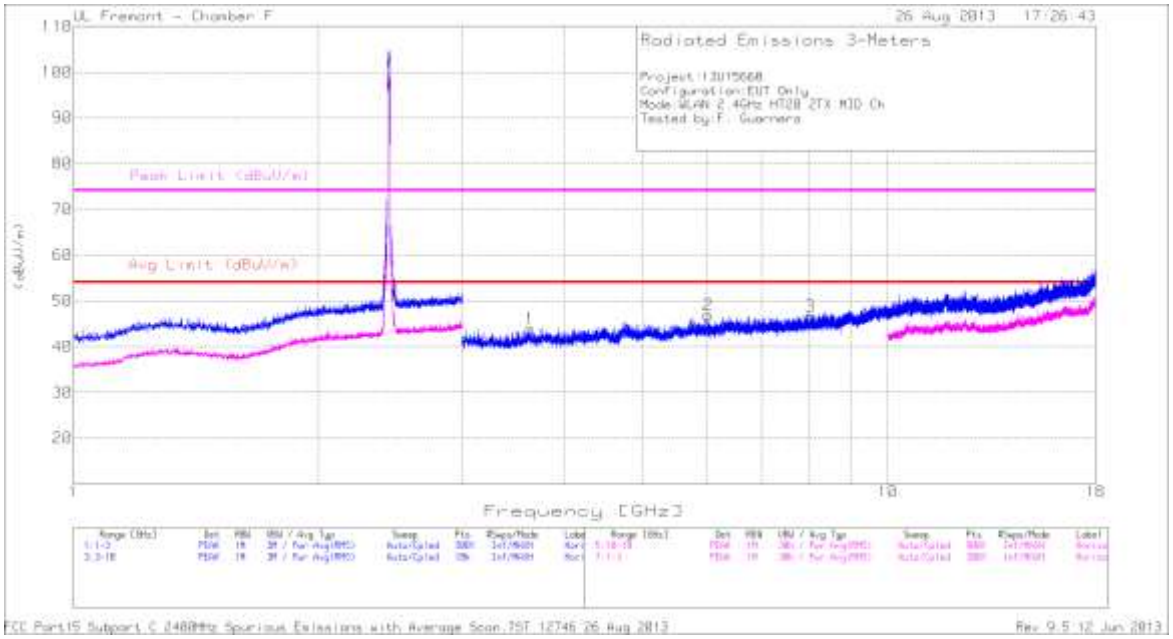
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.463	44.14	PK	28.9	-24.4	48.64	53.97	-5.33	74	-25.36	0-360	201	V
2	1.597	43.73	PK	28	-24.2	47.53	53.97	-6.44	74	-26.47	0-360	101	V
3	2.327	41.85	PK	32	-22.7	51.15	53.97	-2.82	74	-22.85	0-360	101	V
4	4.653	39.79	PK	34.1	-28.8	45.09	53.97	-8.88	74	-28.91	0-360	101	V
5	5.738	38.76	PK	34.9	-27.2	46.46	53.97	-7.51	74	-27.54	0-360	201	V

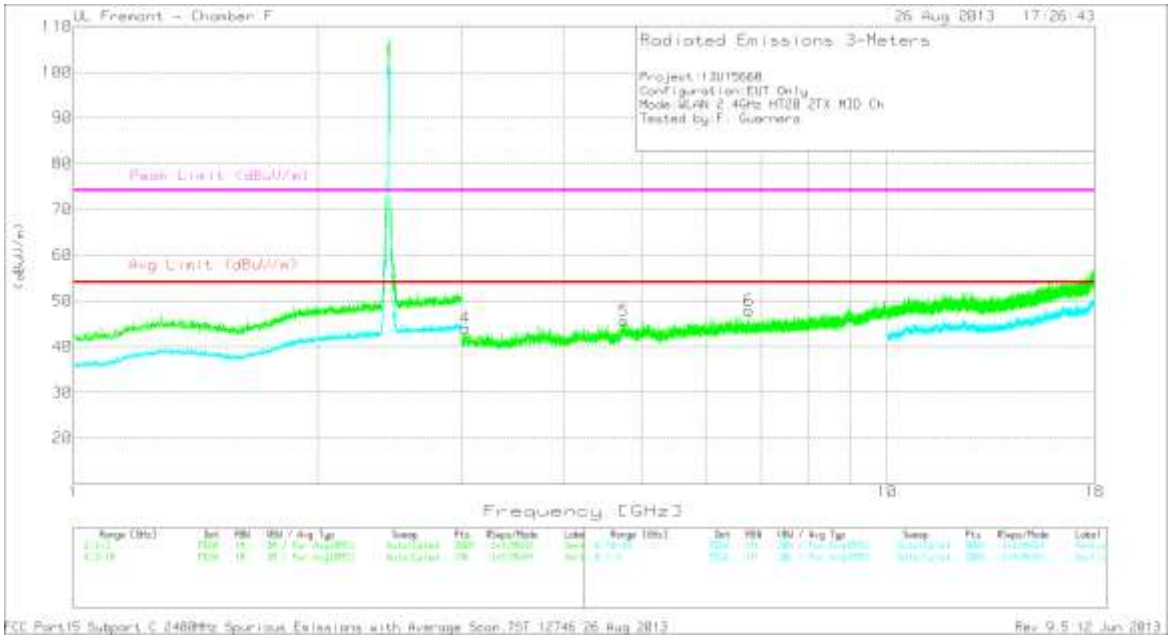
PK - Peak detector

HARMONICS AND SPURIOUS EMISSIONS CH6

MID CHANNEL HORITONTAL PLOT



MID CHANNEL VERTICAL PLOT



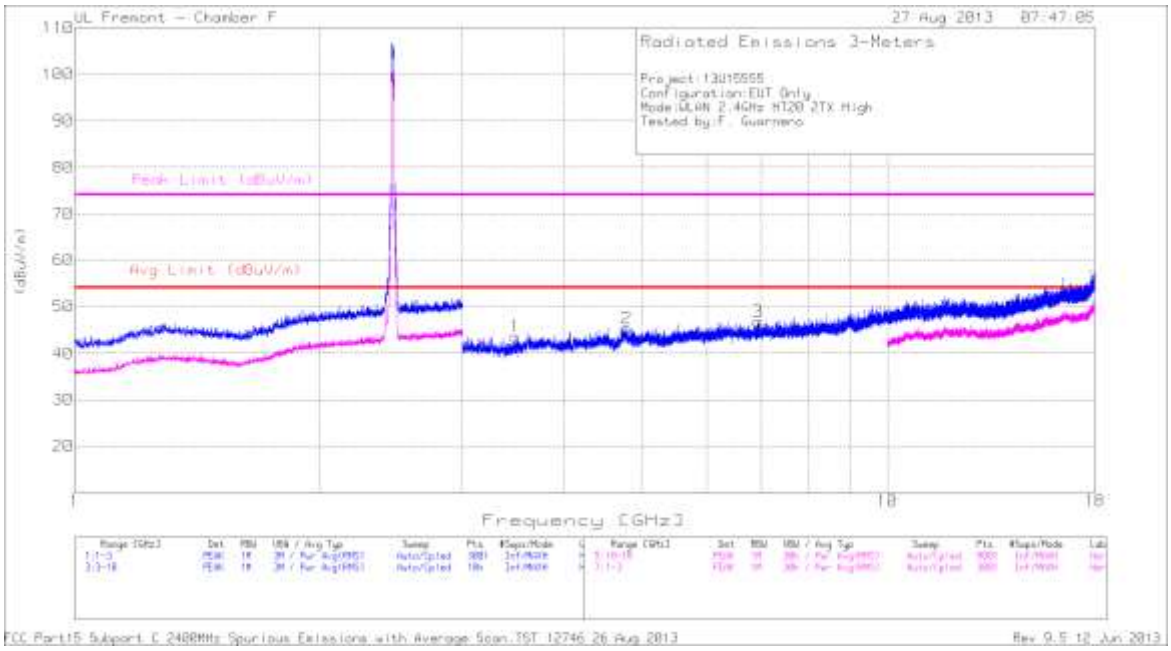
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /3GHz HPF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.636	39.51	PK	33.7	-29.4	43.81	53.97	-10.16	74	-30.19	0-360	100	H
2	6.013	39.06	PK	35.3	-27.5	46.86	53.97	-7.11	74	-27.14	0-360	201	H
3	8.033	35.81	PK	36	-25.2	46.61	53.97	-7.36	74	-27.39	0-360	100	H
4	3.03	39.45	PK	33.2	-28.7	43.95	53.97	-10.02	74	-30.05	0-360	100	V
5	4.747	40.04	PK	34.1	-28.5	45.64	53.97	-8.33	74	-28.36	0-360	100	V
6	6.762	39.12	PK	35.8	-27.1	47.82	53.97	-6.15	74	-26.18	0-360	199	V

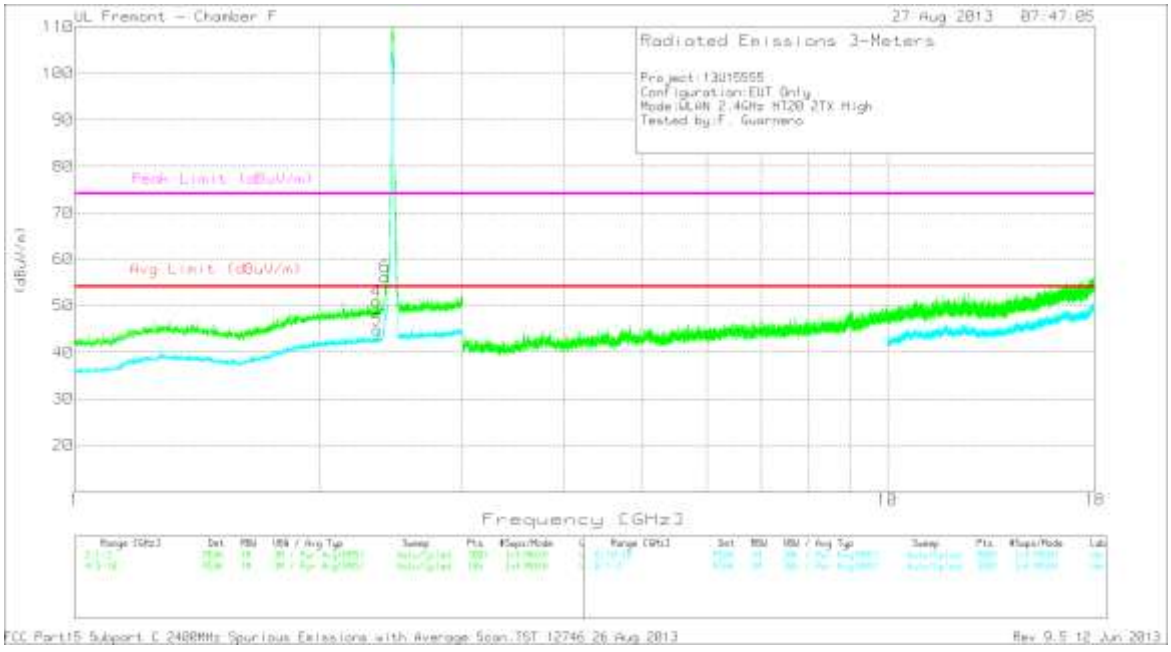
PK - Peak detector

HARMONICS AND SPURIOUS EMISSIONS CH11

HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /3GHz HPF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.486	39.16	PK	33.1	-28.7	43.56	53.97	-10.41	74	-30.44	0-360	100	H
2	4.78	39.25	PK	34.1	-28	45.35	53.97	-8.62	74	-28.65	0-360	199	H
3	6.927	38.2	PK	35.7	-27.1	46.8	53.97	-7.17	74	-27.2	0-360	100	H

PK - Peak detector

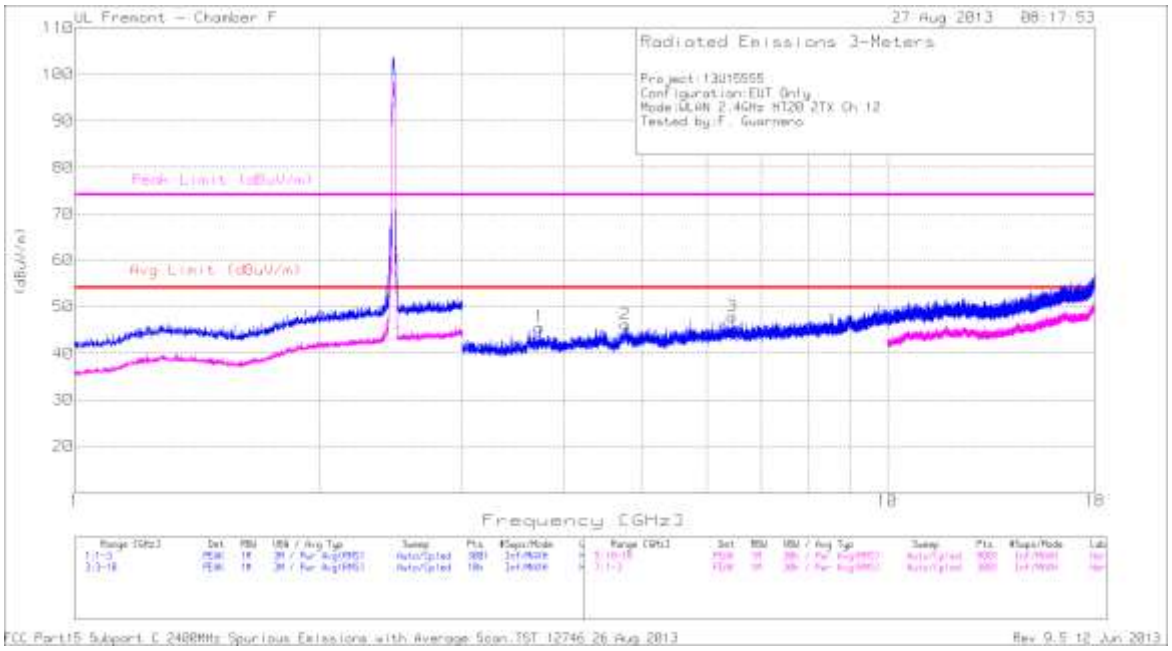
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /10dB Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	2.354	41.24	PK	32.1	-22.4	50.94	-	-	74	-23.06	0-360	100	V
5	2.359	35.17	PK (VB)	32.1	-22.4	44.87	53.97	-9.1	-	-	0-360	101	V
*6	2.411	46.6	PK	32.2	-22.6	56.2	53.97	-	-	-	0-360	201	V

PK - Peak detector

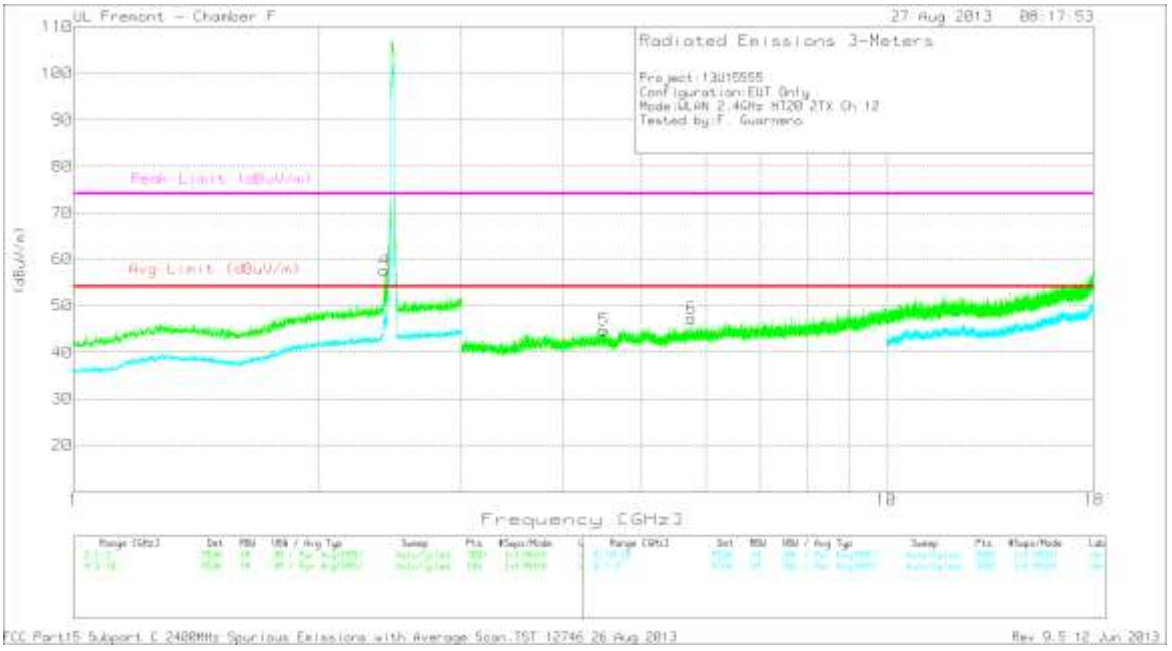
*Not in Restricted Band

HARMONICS AND SPURIOUS EMISSIONS CH12

CHANNEL 12 HORITONTAL PLOT



CHANNEL 12 VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /10dB Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.732	41.36	PK	33.5	-29.2	45.66	53.97	-8.31	74	-28.34	0-360	199	H
2	4.762	40.3	PK	34.1	-28.2	46.2	53.97	-7.77	74	-27.8	0-360	199	H
3	6.445	39.32	PK	35.8	-27.2	47.92	53.97	-6.05	74	-26.08	0-360	100	H

PK - Peak detector

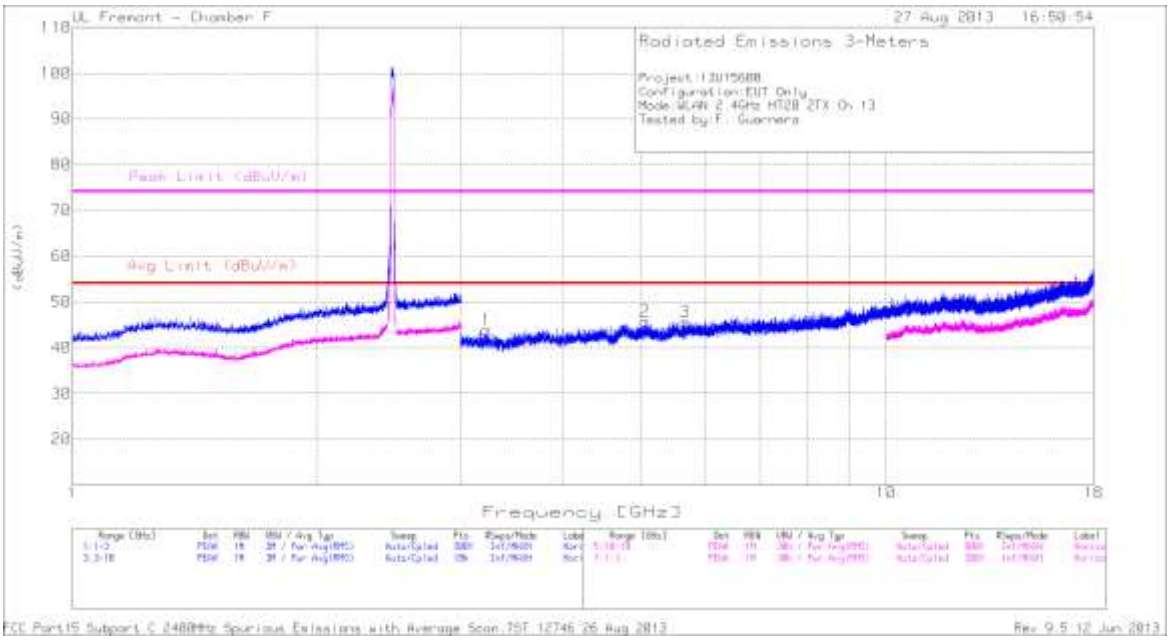
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /3GHz HPF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
*4	2.413	47.92	PK	32.2	-22.5	57.62	-	-	-	-	0-360	200	V
5	4.493	39.18	PK	33.9	-28.3	44.78	53.97	-9.19	74	-29.22	0-360	200	V
6	5.758	39.28	PK	35	-27	47.28	53.97	-6.69	74	-26.72	0-360	100	V

PK - Peak detector

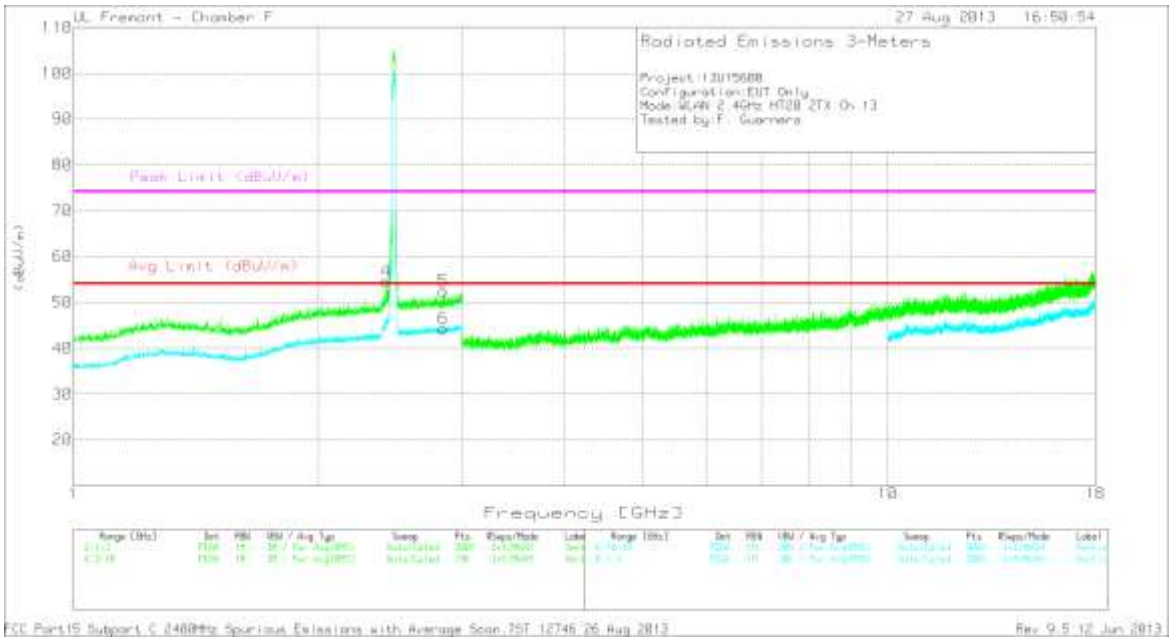
*Not in Restricted Band

HARMONICS AND SPURIOUS EMISSIONS CH13

HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /3GHz HPF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.227	39.52	PK	33.2	-28.9	43.82	53.97	-10.15	74	-30.18	0-360	100	H
2	5.054	38.8	PK	34.1	-27.2	45.7	53.97	-8.27	74	-28.3	0-360	199	H
3	5.662	38.3	PK	34.8	-27.5	45.6	53.97	-8.37	74	-28.4	0-360	100	H

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /10dB Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
*4	2.419	44.93	PK	32.2	-22.5	54.63	-	-	-	-	0-360	200	V
5	2.844	41.57	PK	32.8	-21.9	52.47	-	-	74	-21.53	0-360	200	V
6	2.845	33.41	PK (VB)	32.8	-21.9	44.31	53.97	-9.66	-	-	0-360	201	V

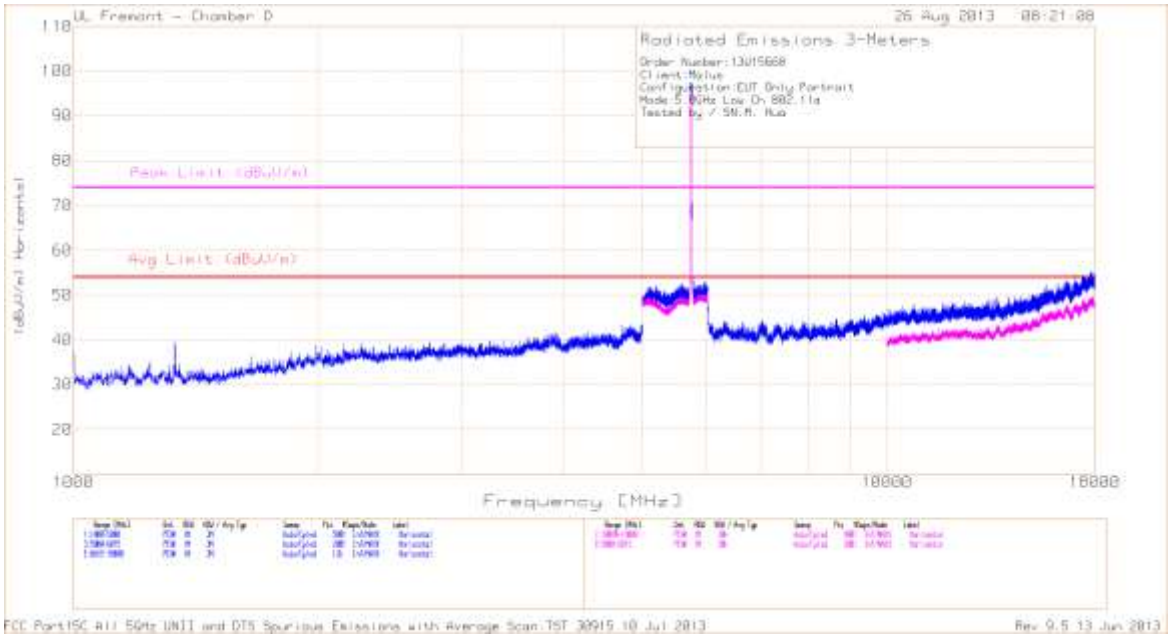
PK - Peak detector

*Not in Restricted Band

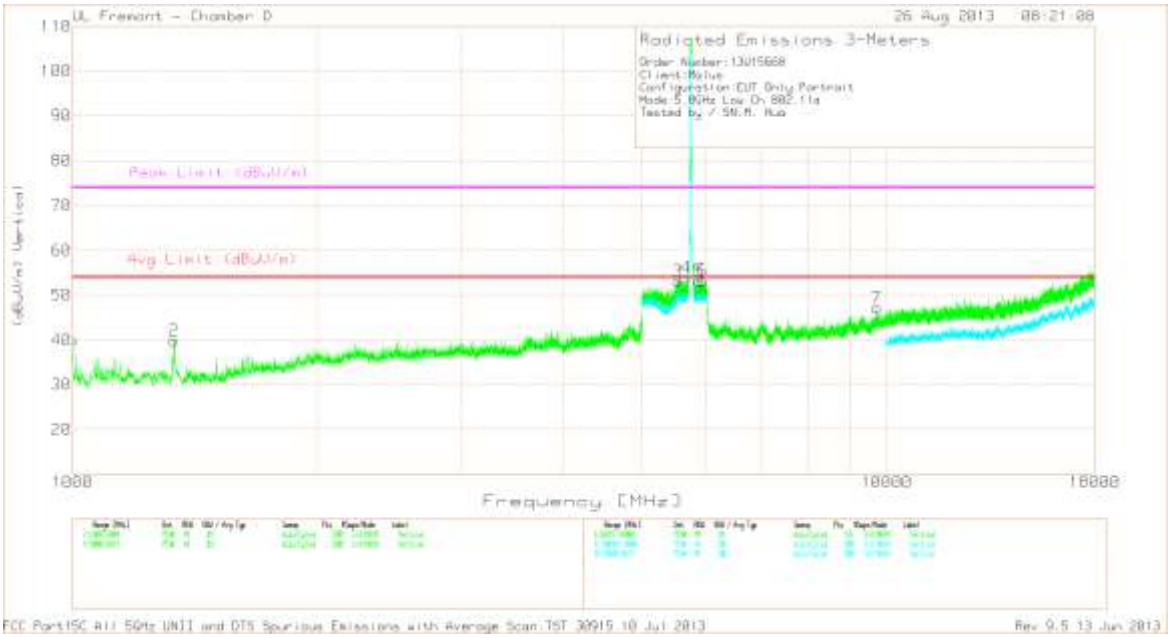
9.2.4. TX ABOVE 1 GHz 802.11a MODE IN THE 5.8 GHz BAND

HARMONICS AND SPURIOUS EMISSIONS CH149

LOW CHANNEL HORIZONTAL PLOT



LOW CHANNEL VERTICAL PLOT



DATA

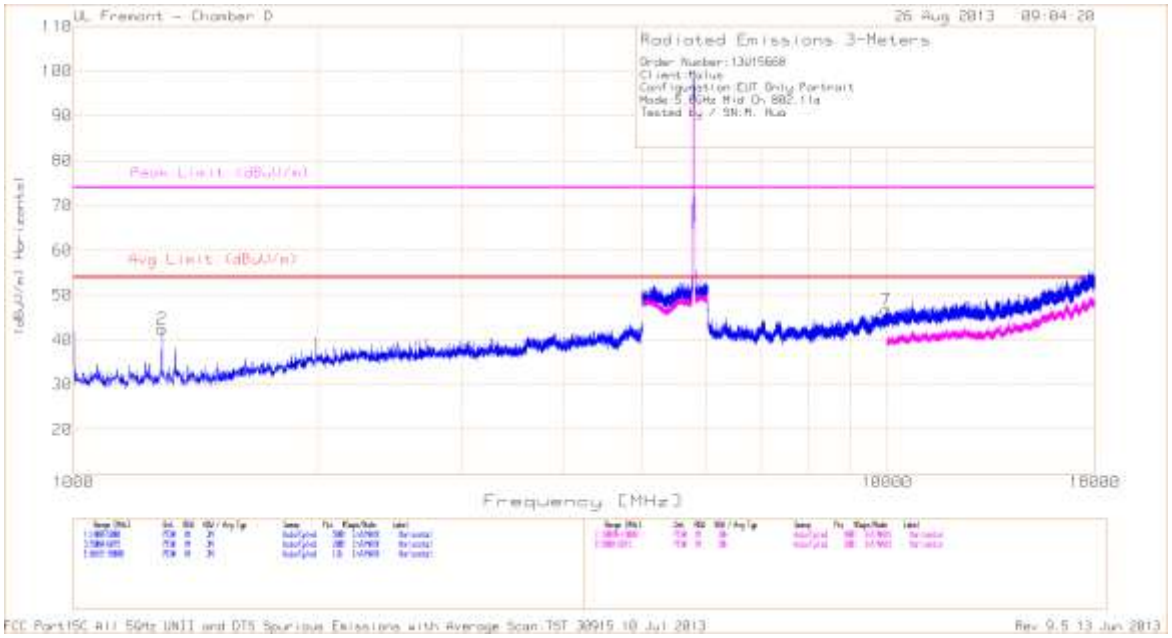
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl/ Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarity
1	1.001	47.89	PK	27.7	-35.6	39.99	53.97	-13.98	74	-34.01	201	V
2	1.333	46.05	PK	28.5	-34.7	39.85	53.97	-14.12	74	-34.15	201	V
3	*5.533	39.65	PK	34.9	-21.4	53.15	--	--	--	--	200	V
4	*5.663	40.28	PK	35.1	-21.5	53.88	--	--	--	--	200	V
5	*5.892	38.65	PK	35.5	-21	53.15	--	--	--	--	200	V
6	*5.939	38.75	PK	35.6	-21	53.35	--	--	--	--	200	V
7	*9.714	35.55	PK	37.4	-25.8	47.15	--	--	--	--	200	V

PK - Peak detector

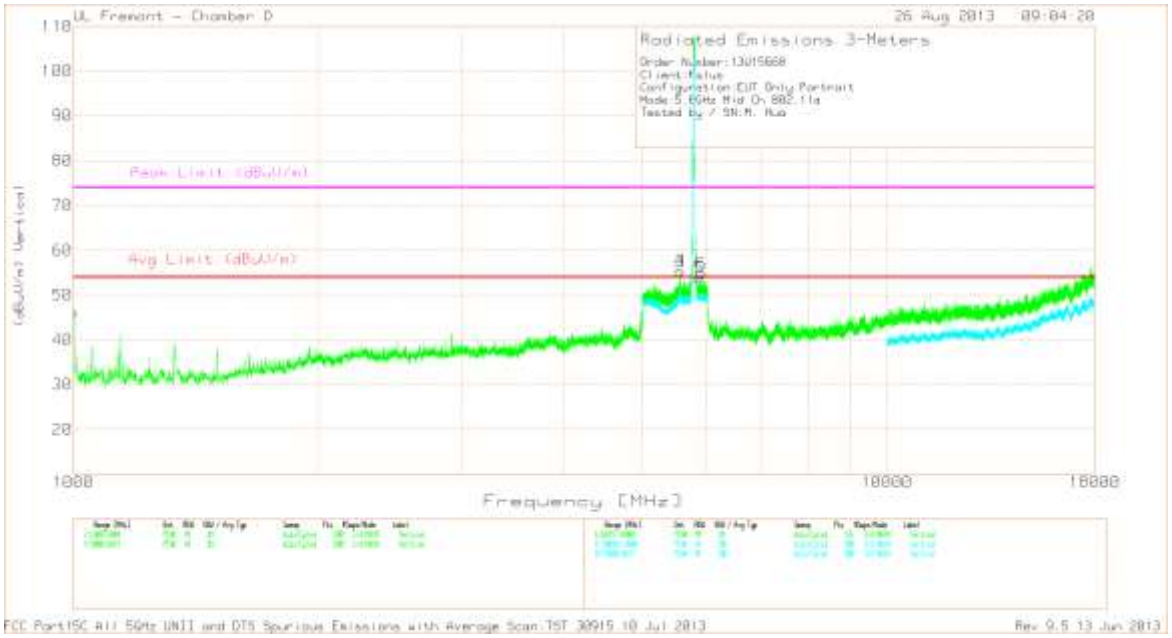
* Non-Restricted Band

HARMONICS AND SPURIOUS EMISSIONS CH157

MID CHANNEL HORITONTAL PLOT



MID CHANNEL VERTICAL PLOT



DATA

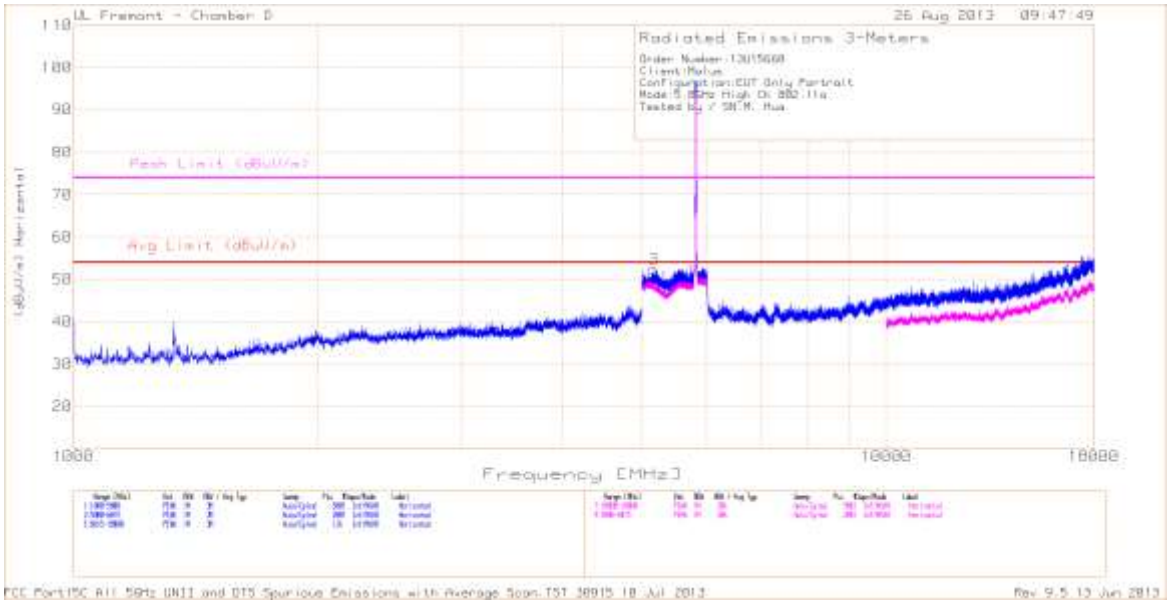
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl/ Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarity
1	1	54.16	PK	27.7	-35.6	46.26	53.97	-7.71	74	-27.74	200	V
2	1.284	48.83	PK	28.5	-34.9	42.43	53.97	-11.54	74	-31.57	201	H
3	*5.566	41.79	PK	34.9	-21.4	55.29	-	-	-	-	201	V
4	*5.568	41.84	PK	34.9	-21.4	55.34	-	-	-	-	100	V
5	*5.873	39.53	PK	35.5	-21.1	53.93	-	-	-	-	100	V
6	*5.911	39.97	PK	35.6	-20.8	54.77	-	-	-	-	201	V
7	*9.974	34.53	PK	37.8	-25.6	46.73	-	-	-	-	201	H

PK - Peak detector

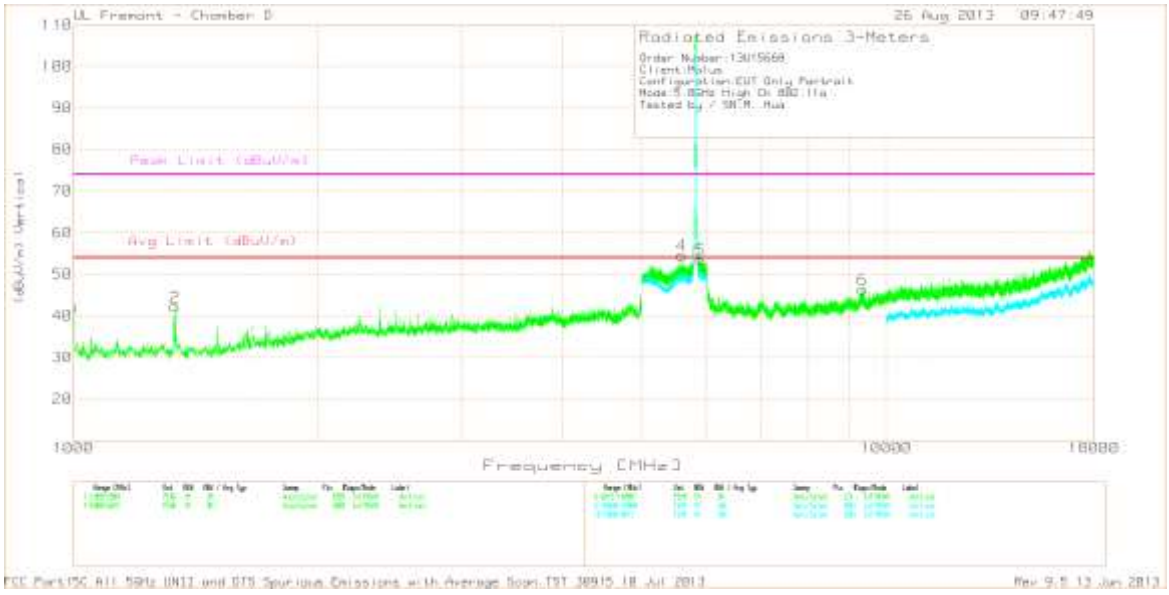
*Not in Restricted Band

HARMONICS AND SPURIOUS EMISSIONS CH165

HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl/ Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarity
1	1	50.12	PK	27.7	-35.6	42.22	53.97	-11.75	74	-31.78	201	V
2	1.334	48.42	PK	28.5	-34.7	42.22	53.97	-11.75	74	-31.78	100	V
3	*5.173	39.37	PK	34.6	-21.5	52.47	-	-	74	-21.53	201	H
4	*5.597	40.87	PK	35	-21.3	54.57	-	-	74	-19.43	100	V
5	*5.904	38.93	PK	35.5	-20.9	53.53	-	-	74	-20.47	201	V
6	9.346	35.38	PK	37	-26	46.38	53.97	-7.59	74	-27.62	200	V

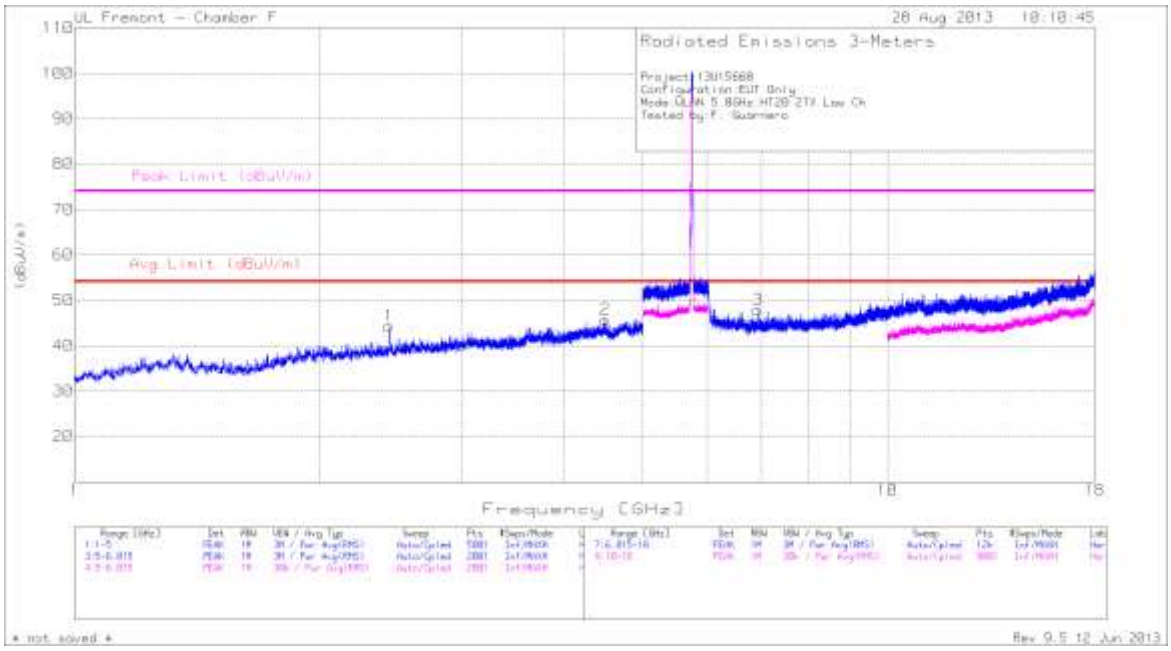
PK - Peak detector

*Not in Restricted Band

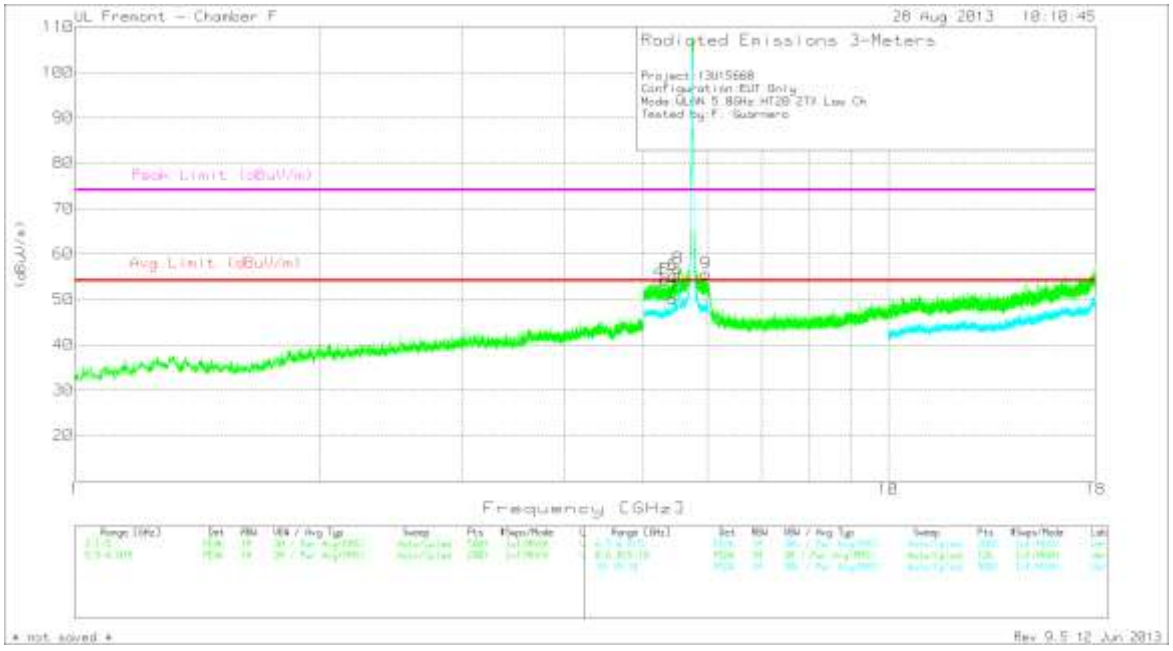
9.2.5. TX ABOVE 1 GHz 802.11n HT20 2TX MODE IN THE 5.8 GHz BAND

HARMONICS AND SPURIOUS EMISSIONS CH149

LOW CHANNEL HORIZONTAL PLOT



LOW CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /5GHz LPF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.436	42.76	PK	32.3	-30.7	44.36	53.97	-9.61	74	-29.64	0-360	199	H
2	4.496	39.33	PK	33.9	-27.5	45.73	53.97	-8.24	74	-28.27	0-360	100	H
3	6.932	38.77	PK	35.7	-26.6	47.87	53.97	-6.1	74	-26.13	0-360	199	H

PK - Peak detector

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/ 10dB Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
*4	5.226	38.78	PK	34.3	-19.2	53.88	-	-	-	-	0-360	199	V
*5	5.32	39.14	PK	34.5	-19.3	54.34	-	-	-	-	0-360	100	V
6	5.441	40.27	PK	34.7	-19.7	55.27	-	-	74	-18.73	0-360	199	V
7	5.439	35.18	PK (VB)	34.7	-19.7	50.18	53.97	-3.79	-	-	0-360	200	V
*8	5.52	41.42	PK	34.7	-19.4	56.72	-	-	-	-	0-360	100	V
*9	5.965	39.05	PK	35.3	-18.7	55.65	-	-	-	-	0-360	100	V

PK - Peak detector

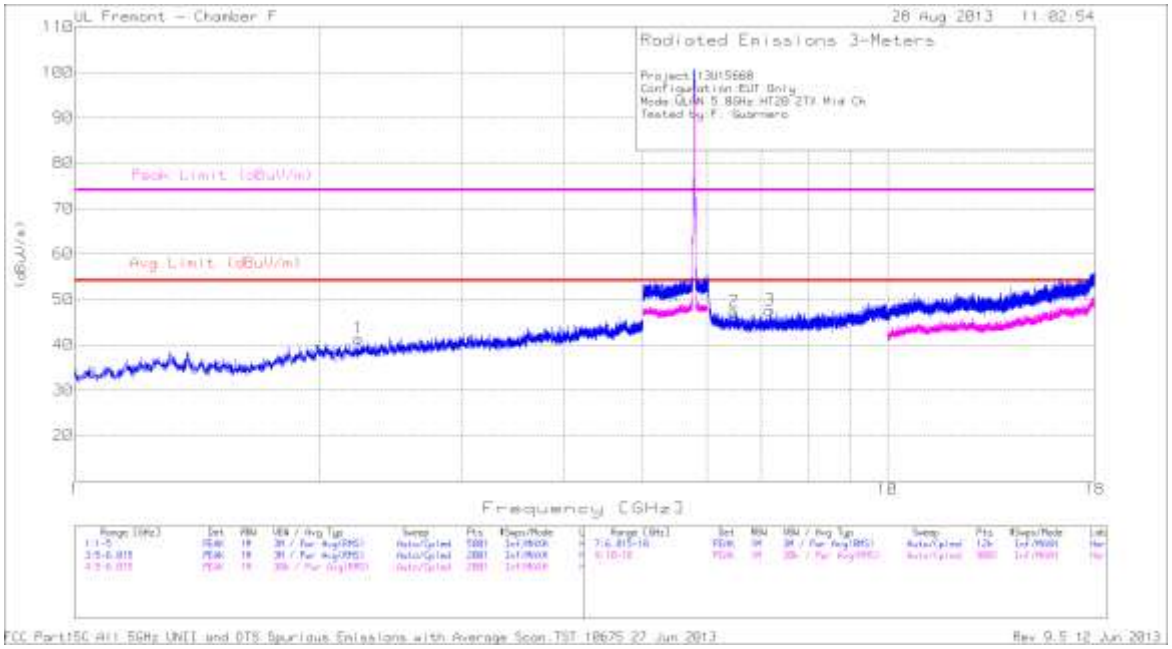
*Not in Restricted Band

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/ 10dB Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5.442	32.79	MAv1	34.7	-19.7	47.79	53.97	-6.18	-	-	208	295	V

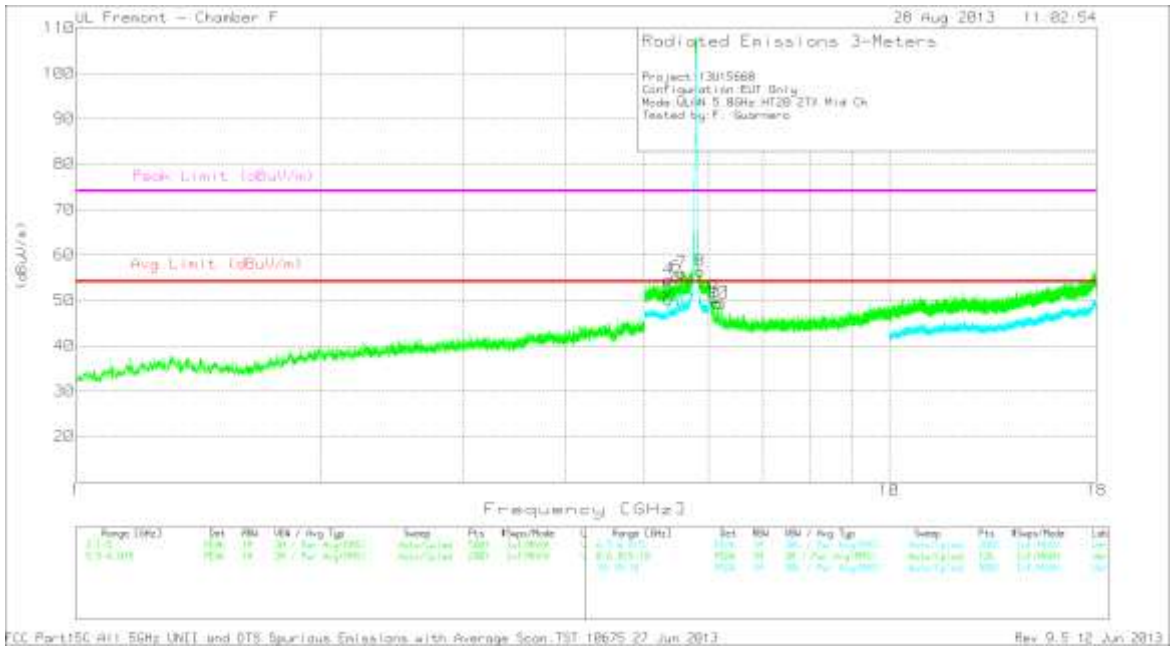
MAv1 - KDB558074 v02 10.2.3.2/8.2.1 Option 1 Maximum RMS Average

HARMONICS AND SPURIOUS EMISSIONS CH157

MID CHANNEL HORITONTAL PLOT



MID CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /5GHz LPF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.234	40.15	PK	31.9	-30.7	41.35	53.97	-12.62	74	-32.65	0-360	200	H
2	6.477	38.19	PK	35.8	-26.7	47.29	53.97	-6.68	74	-26.71	0-360	101	H
3	7.171	38.34	PK	35.7	-26.4	47.64	53.97	-6.33	74	-26.36	0-360	101	H

PK - Peak detector

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/ 10dB Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.361	39.39	PK	34.6	-19.4	54.59	-	-	74	-19.41	0-360	101	V
5	5.356	35.09	PK (VB)	34.6	-19.3	50.39	53.97	-3.58	-	-	0-360	199	V
*6	5.481	40.32	PK	34.7	-19.8	55.22	-	-	-	-	0-360	101	V
*7	5.561	40.41	PK	34.7	-19.1	56.01	-	-	-	-	0-360	101	V
*8	5.858	39.84	PK	35.2	-18.6	56.44	-	-	-	-	0-360	101	V
*9	6.093	41.22	PK	35.4	-26	50.62	-	--	-	-	0-360	100	V
*10	6.154	39.65	PK	35.4	-25.7	49.35	-	-	-	-	0-360	100	V
*11	6.218	40.41	PK	35.5	-26.5	49.41	-	-	-	-	0-360	199	V

PK - Peak detector

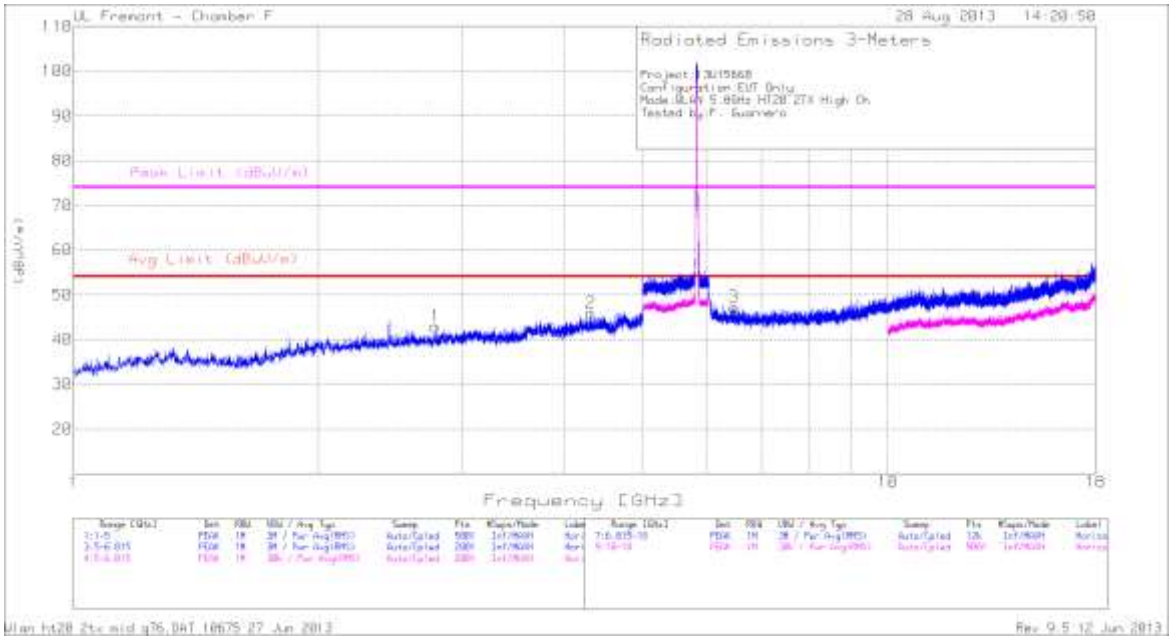
*Not in Restricted Band

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/ 10dB Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5.349	32.29	MAv1	34.5	-19.3	47.49	53.97	-6.48	-	-	61	337	V

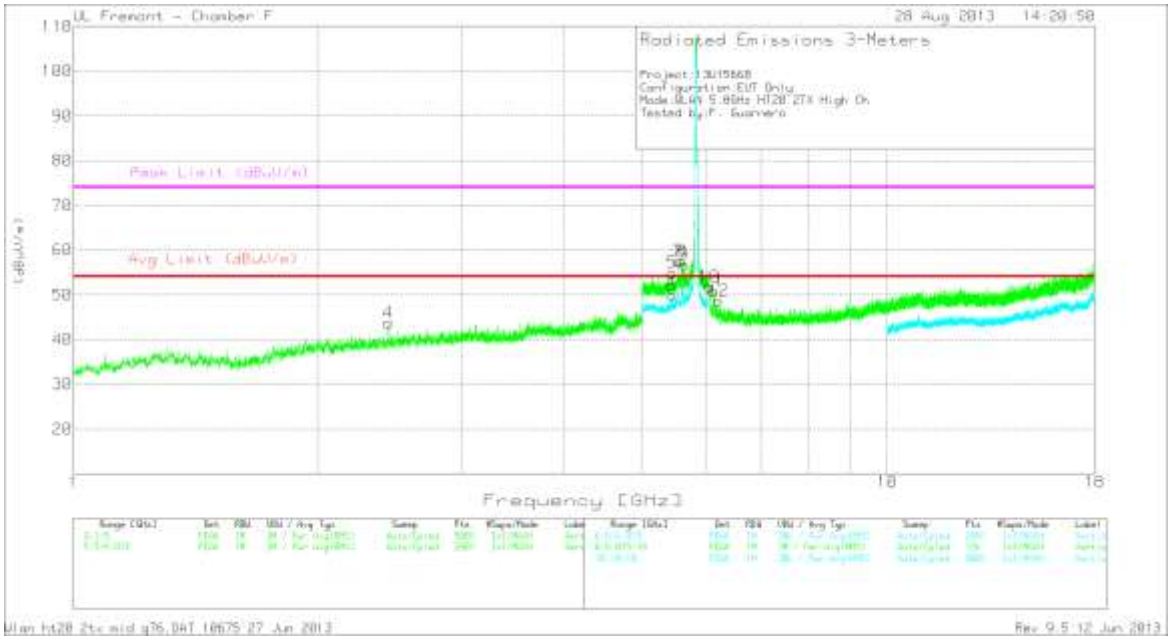
MAv1 - KDB558074 v02 10.2.3.2/8.2.1 Option 1 Maximum RMS Average

HARMONICS AND SPURIOUS EMISSIONS CH165

HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /5GHz LPF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.78	40.53	PK	32.7	-30.3	42.93	53.97	-11.04	74	-31.07	0-360	337	H
2	4.318	40.8	PK	33.5	-28.4	45.9	53.97	-8.07	74	-28.1	0-360	237	H
3	6.469	38.44	PK	35.8	-26.9	47.34	53.97	-6.63	74	-26.66	0-360	199	H

PK - Peak detector

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /10dB Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	2.438	42.16	PK	32.3	-30.7	43.76	53.97	-10.21	74	-30.24	0-360	200	V
5	5.442	39.98	PK	34.7	-19.7	54.98	-	-	74	-19.02	0-360	199	V
6	5.437	34.95	PK (VB)	34.7	-19.7	49.95	53.97	-4.02	-	-	0-360	200	V
*7	5.531	42.17	PK	34.7	-19.3	57.57	-	-	-	-	0-360	199	V
*8	5.595	41.66	PK	34.7	-18.8	57.56	-	-	-	-	0-360	199	V
*9	5.631	40.97	PK	34.8	-18.9	56.87	-	-	-	-	0-360	100	V
*10	6.055	40.28	PK	35.4	-23.9	51.78	-	-	-	-	0-360	100	V
*11	6.13	40.69	PK	35.4	-25.2	50.89	-	-	-	-	0-360	201	V
*12	6.208	39.78	PK	35.5	-26.6	48.68	-	-	-	-	0-360	201	V

PK - Peak detector

*Not in Restricted Band

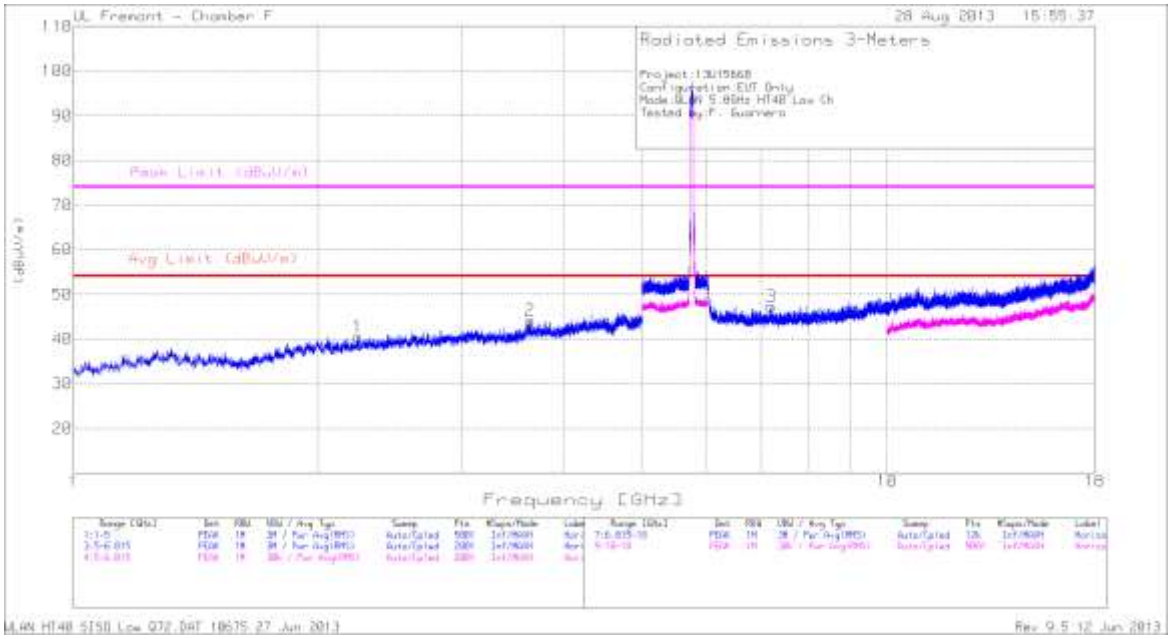
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/ 10dB Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5.436	34.29	MAv1	34.7	-19.7	49.29	53.97	-4.68	-	-	220	325	V

MAv1 - KDB558074 v02 10.2.3.2/8.2.1 Option 1 Maximum RMS Average

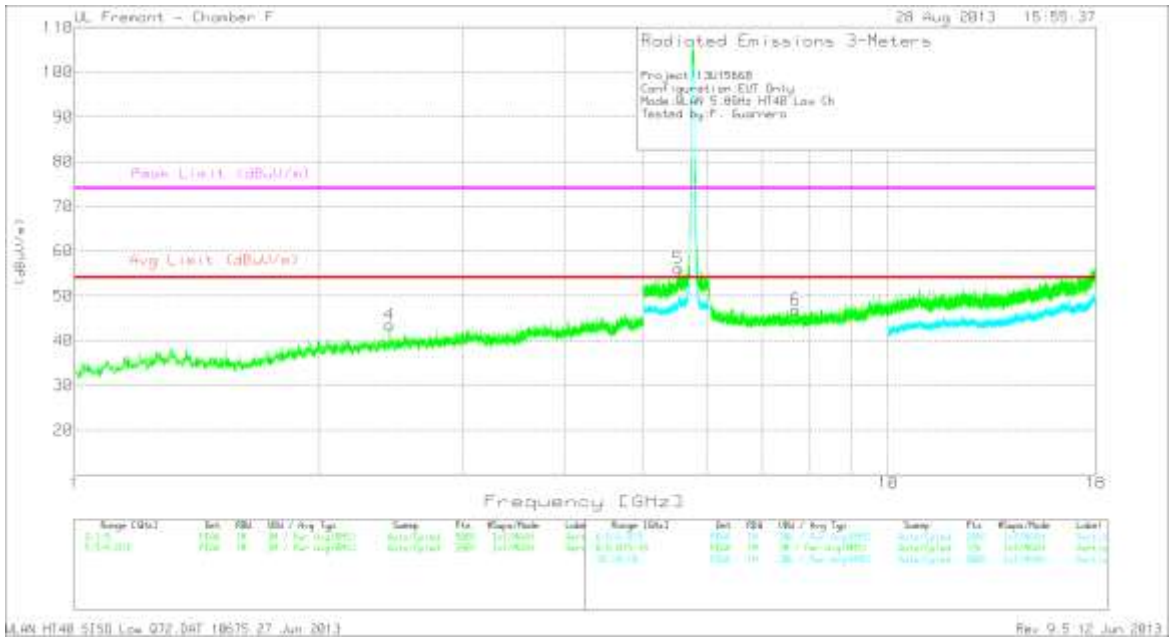
9.2.6. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.8 GHz BAND

HARMONICS AND SPURIOUS EMISSIONS CH151

LOW CHANNEL HORIZONTAL PLOT



LOW CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /5GHz LPF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.236	39.31	PK	31.9	-30.7	40.51	53.97	-13.46	74	-33.49	0-360	325	H
2	3.645	40.01	PK	33.6	-29.4	44.21	53.97	-9.76	74	-29.79	0-360	226	H
3	7.206	37.42	PK	35.7	-25.8	47.32	53.97	-6.65	74	-26.68	0-360	199	H

PK - Peak detector

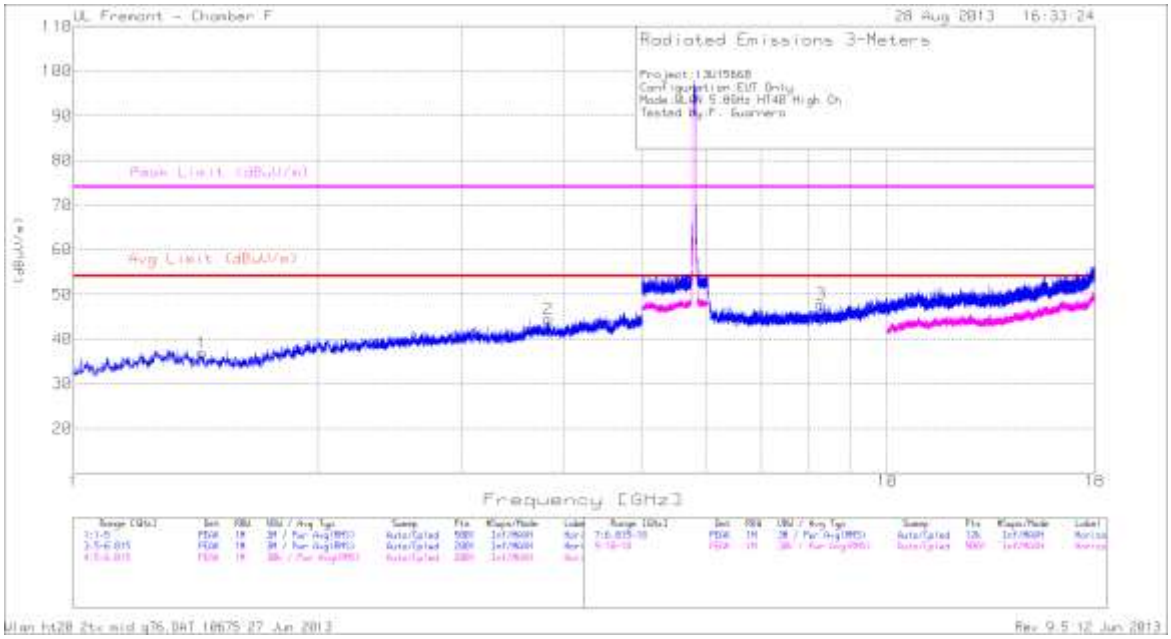
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /10dB Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	2.439	41.9	PK	32.3	-30.7	43.5	53.97	-10.47	74	-30.5	0-360	201	V
*5	5.524	40.81	PK	34.7	-19.4	56.11	-	-	-	-	0-360	100	V
6	7.697	36.91	PK	35.9	-25.9	46.91	53.97	-7.06	74	-27.09	0-360	101	V

PK - Peak detector

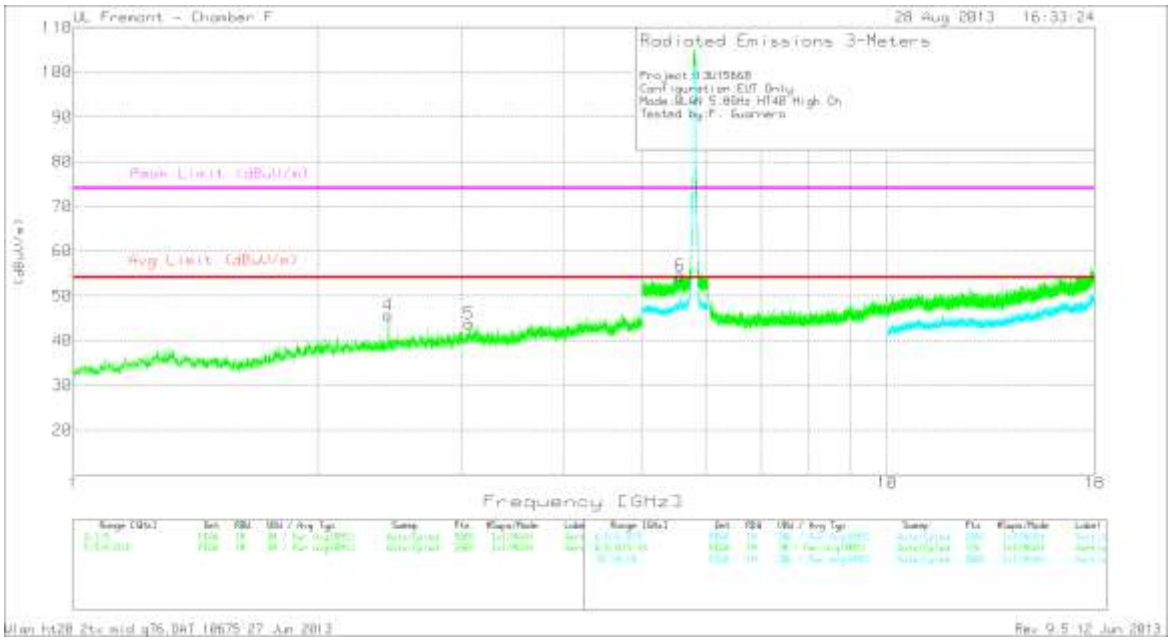
*Not in Restricted Band

HARMONICS AND SPURIOUS EMISSIONS CH157

HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/ m)	Amp/ Cbl/5 GHz LPF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.438	39.88	PK	29	-32	36.88	53.97	-17.09	74	-37.12	0-360	100	H
2	3.837	39.99	PK	33.5	-29	44.49	53.97	-9.48	74	-29.51	0-360	100	H
3	8.293	36.95	PK	36	-25.1	47.85	53.97	-6.12	74	-26.15	0-360	199	H

PK - Peak detector

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/ m)	Amp/ Cbl/10 dB Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	2.438	44.07	PK	32.3	-30.7	45.67	53.97	-8.3	74	-28.33	0-360	200	V
5	3.066	39.93	PK	33.3	-29.4	43.83	53.97	-10.14	74	-30.17	0-360	200	V
*6	5.569	39.02	PK	34.7	-19.1	54.62	-	-	-	-	0-360	100	V

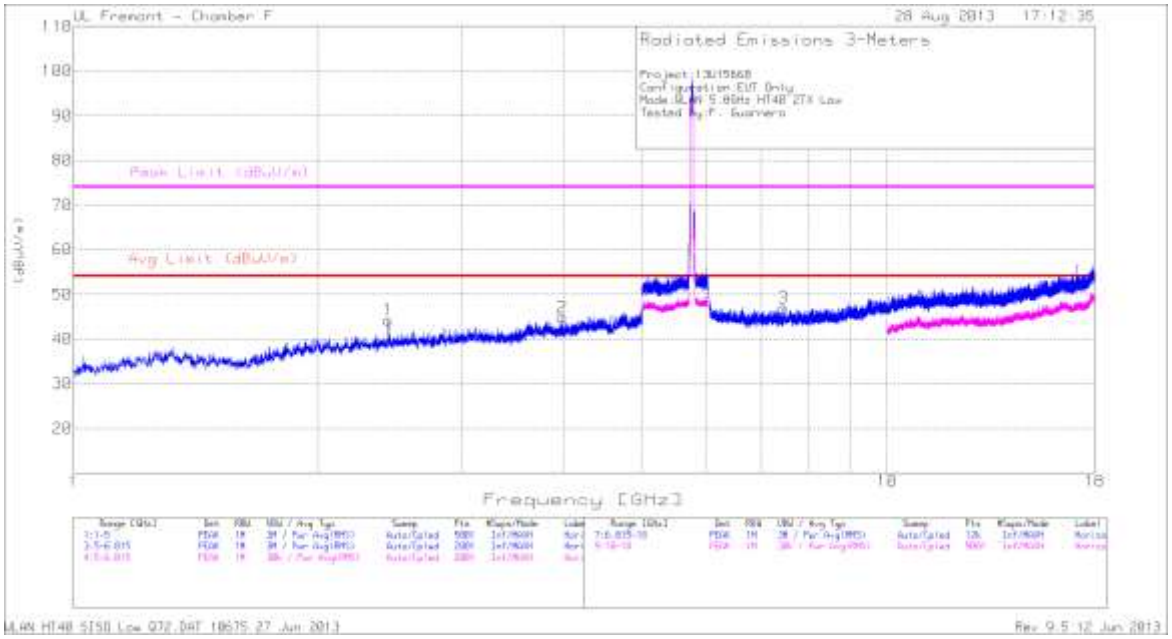
PK - Peak detector

*Not in Restricted Band

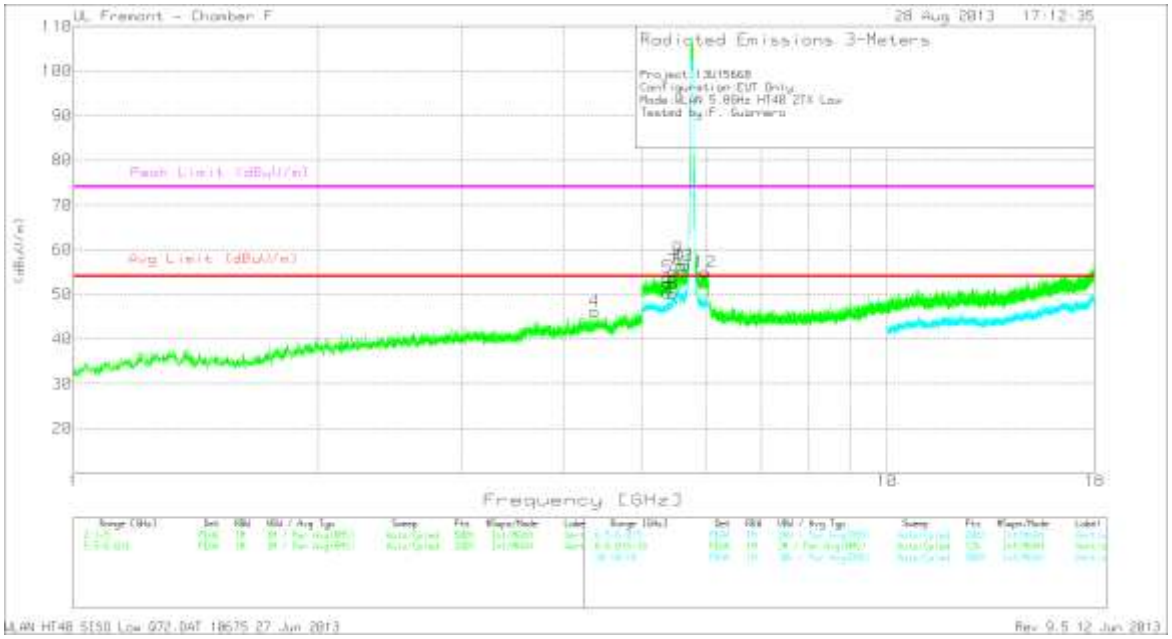
9.2.7. TX ABOVE 1 GHz 802.11n HT40 2TX MODE IN THE 5.8 GHz BAND

HARMONICS AND SPURIOUS EMISSIONS CH149

LOW CHANNEL HORIZONTAL PLOT



LOW CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /5GHz LPF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.437	42.74	PK	32.3	-30.7	44.34	53.97	-9.63	74	-29.66	0-360	199	H
2	3.988	40.34	PK	33.5	-29	44.84	53.97	-9.13	74	-29.16	0-360	100	H
3	7.46	37.21	PK	35.8	-26	47.01	53.97	-6.96	74	-26.99	0-360	100	H

PK - Peak detector

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /10dB Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	4.369	41.67	PK	33.6	-29.1	46.17	53.97	-7.8	74	-27.83	0-360	100	V
5	5.371	38.61	PK	34.6	-19.4	53.81	-	-	74	-20.19	0-360	100	V
6	5.371	35.2	PK (VB)	34.6	-19.4	50.4	53.97	-3.57	-	-	0-360	201	V
7	5.455	40.35	PK	34.7	-19.8	55.25	-	-	74	-18.75	0-360	199	V
8	5.458	35.37	PK (VB)	34.7	-19.8	50.27	53.97	-3.7	-	-	0-360	201	V
*9	5.534	42.5	PK	34.7	-19.3	57.9	-	-	-	-	0-360	199	V
*10	5.594	40.48	PK	34.7	-18.8	56.38	-	-	-	-	0-360	100	V
*11	5.652	40.69	PK	34.8	-18.9	56.59	-	-	-	-	0-360	100	V
*12	5.983	38.37	PK	35.3	-18.7	54.97	-	-	-	-	0-360	199	V

PK - Peak detector

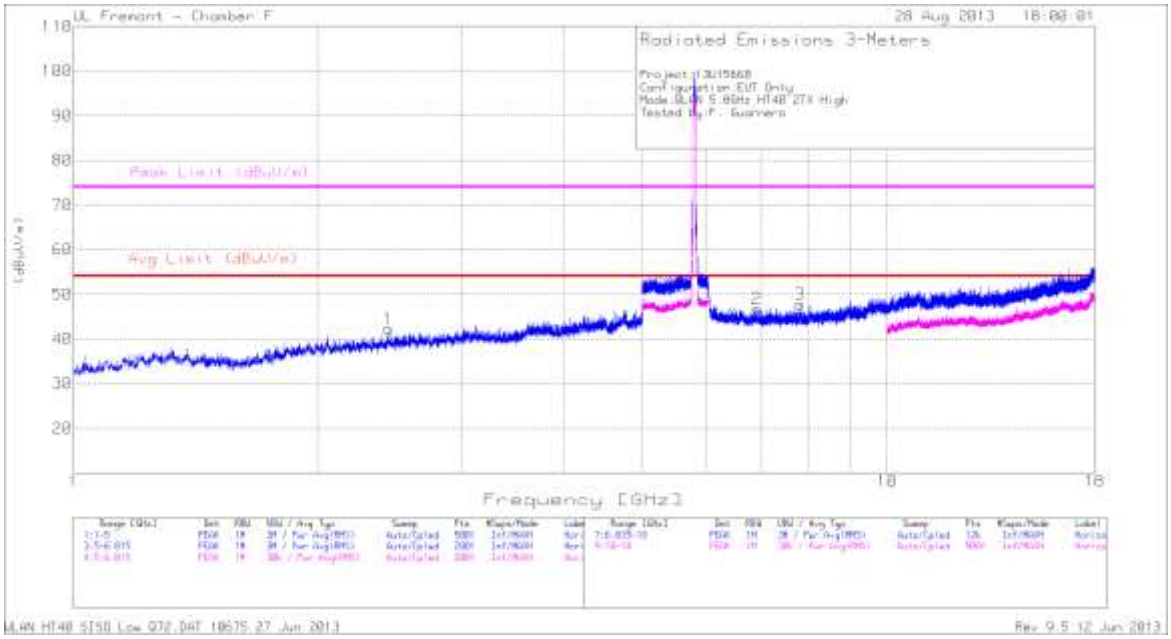
*Not in Restricted Band

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/ 10dB Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5.371	34.67	MAv1	34.6	-19.4	49.87	53.97	-4.1	-	-	226	335	V
5.457	32.85	MAv1	34.7	-19.8	47.75	53.97	-6.22	-	-	222	327	V

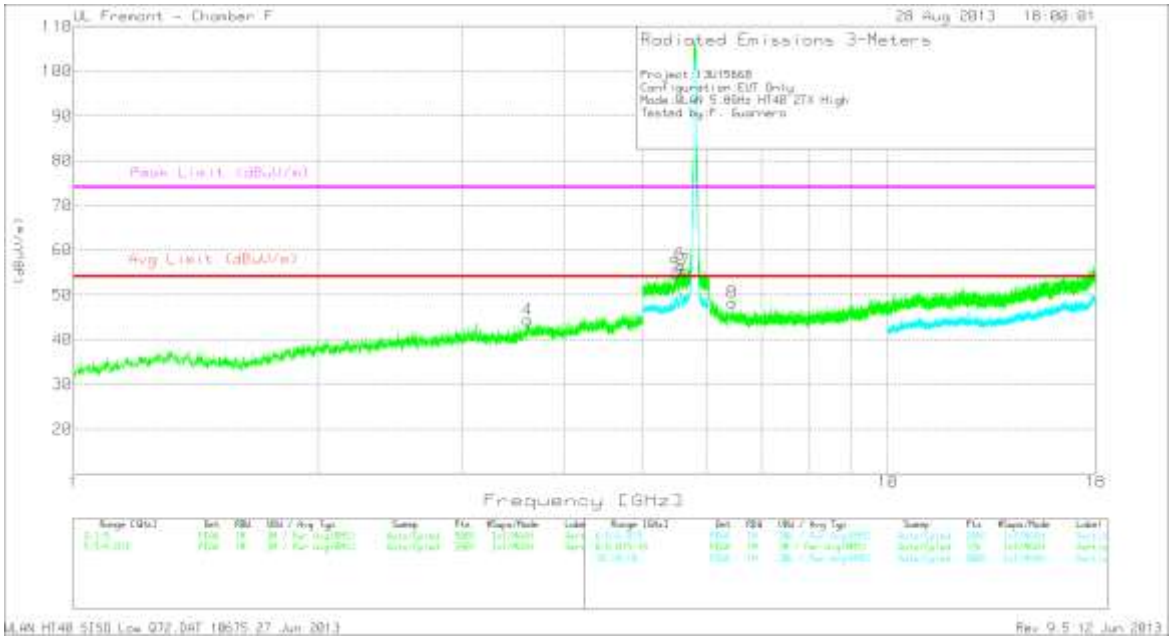
MAv1 - KDB558074 v02 10.2.3.2/8.2.1 Option 1 Maximum RMS Average

HARMONICS AND SPURIOUS EMISSIONS CH159

HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /5GHz LPF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.438	40.7	PK	32.3	-30.7	42.3	53.97	-11.67	74	-31.7	0-360	227	H
2	6.92	37.97	PK	35.7	-26.9	46.77	53.97	-7.2	74	-27.23	0-360	199	H
3	7.82	37.01	PK	35.9	-25.1	47.81	53.97	-6.16	74	-26.19	0-360	199	H

PK - Peak detector

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl /10dB Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	3.611	40.01	PK	33.7	-29.3	44.41	53.97	-9.56	74	-29.59	0-360	201	V
*5	5.496	39.57	PK	34.7	-19.6	54.67	-	-	-	-	0-360	199	V
*6	5.559	41.26	PK	34.7	-19.1	56.86	-	-	-	-	0-360	100	V
*7	5.635	39.44	PK	34.8	-18.9	55.34	-	-	-	-	0-360	100	V
*8	6.44	39.51	PK	35.8	-27	48.31	-	-	-	-	0-360	200	V

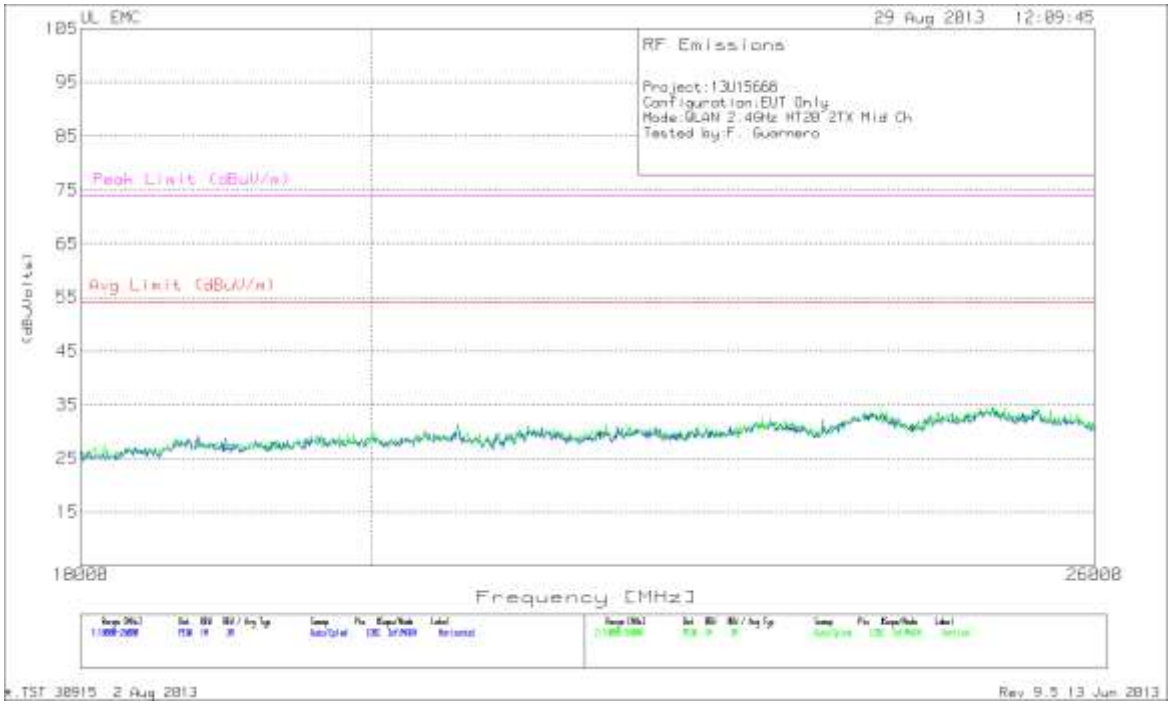
PK - Peak detector

*Not in Restricted Band

9.3. WORST-CASE ABOVE 18 GHz

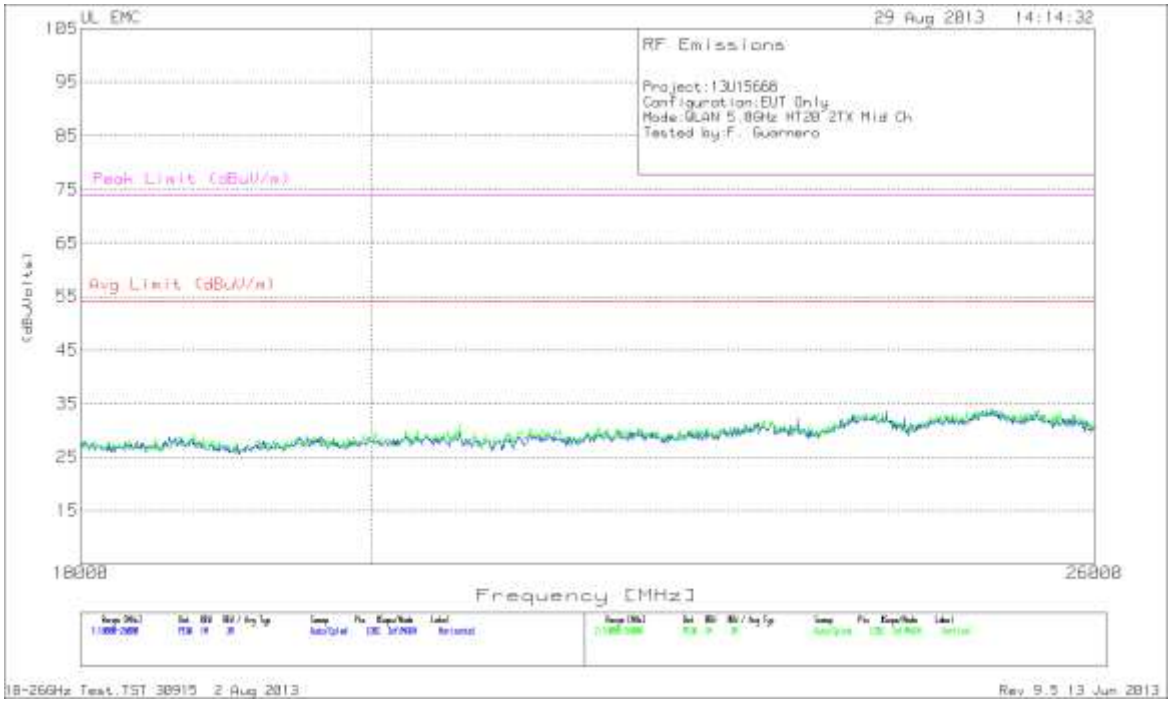
SPURIOUS EMISSIONS 18 TO 26 GHz (WORST-CASE CONFIGURATION, HORIZONTAL & VERTICAL)

2.4 GHz BAND



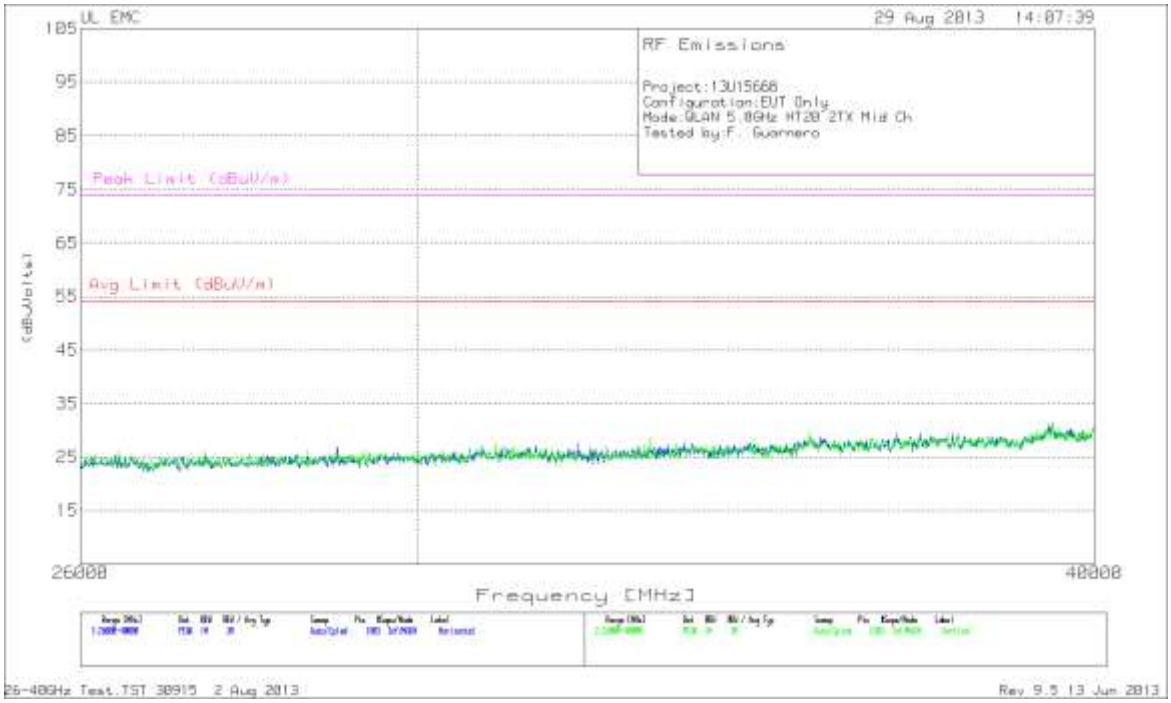
SPURIOUS EMISSIONS 18 TO 26 GHz (WORST-CASE CONFIGURATION, HORIZONTAL & VERTICAL)

5.8 GHz BAND



SPURIOUS EMISSIONS 26 TO 40 GHz (WORST-CASE CONFIGURATION, HORIZONTAL & VERTICAL)

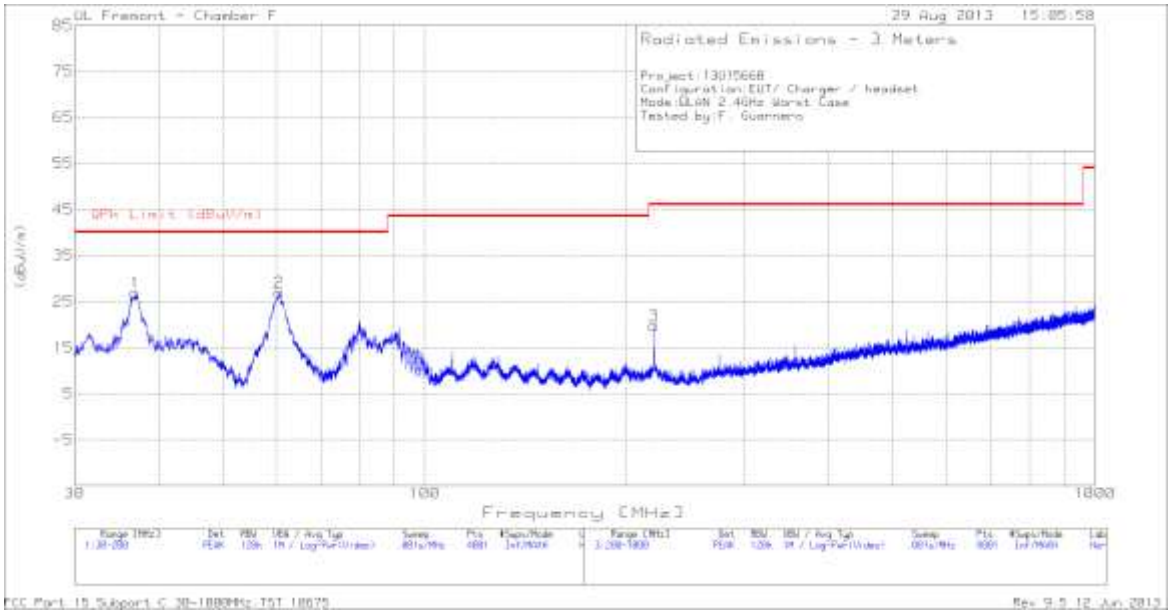
5.8 GHz BAND



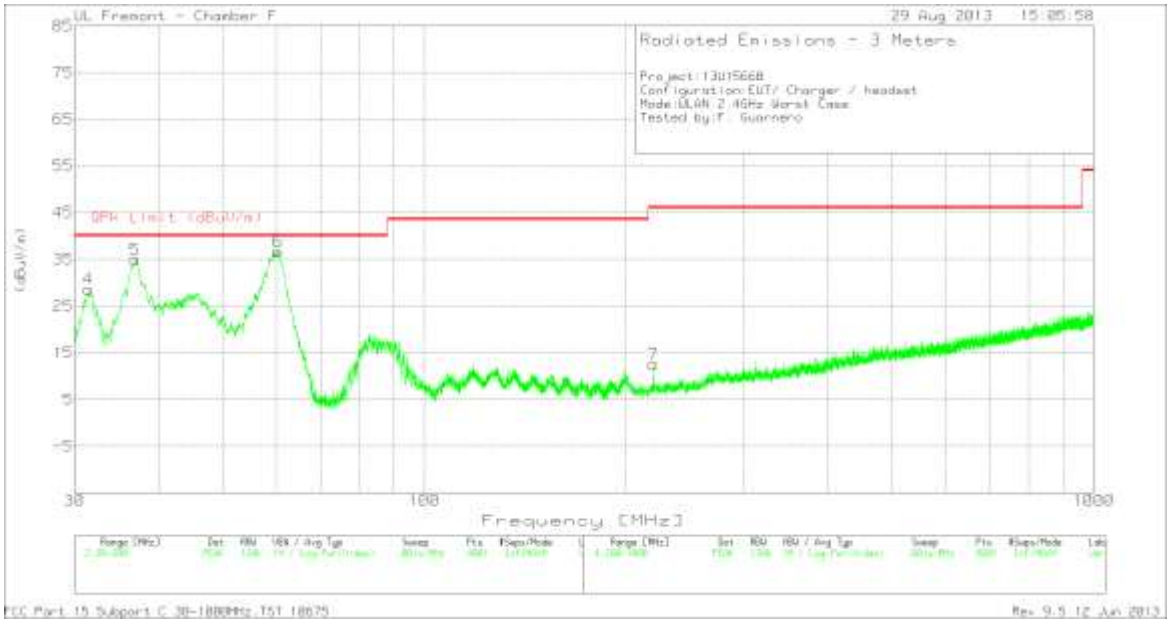
9.4. WORST-CASE BELOW 1 GHz

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

HORIZONTAL PLOT



VERTICAL PLOT



Data

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	36.97	42.84	PK	16.1	-32	26.94	40	-13.06	0-360	400	H
2	60.6425	51.41	PK	7.5	-31.9	27.01	40	-12.99	0-360	400	H
3	219.8	39.98	PK	10.8	-31	19.78	46.02	-26.24	0-360	100	H
4	31.445	40.59	PK	20.2	-32.1	28.69	40	-11.31	0-360	100	V
5	36.97	50.91	PK	16.1	-32	35.01	40	-4.99	0-360	100	V
6	60.3875	61.18	PK	7.4	-31.9	36.68	40	-3.32	0-360	100	V
7	219.9	32.81	PK	10.8	-31	12.61	46.02	-33.41	0-360	200	V

PK - Peak detector

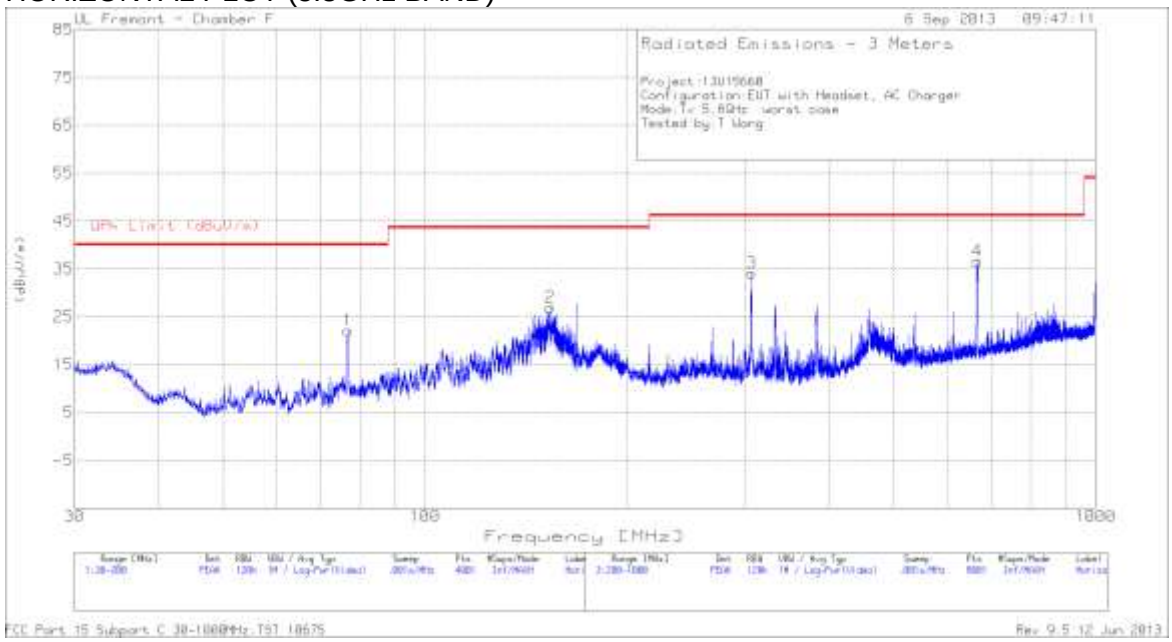
Radiated Emissions

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
36.9974	46.97	QP	16.1	-32	31.07	40	-8.93	103	100	V
60.3981	57.68	QP	7.4	-31.9	33.18	40	-6.82	0	100	V

QP - Quasi-Peak detector

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

HORIZONTAL PLOT (5.8GHz BAND)



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

VERTICAL PLOT (5.8GHz BAND)

Data

Trace Markers

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	76.7075	46.02	PK	7.8	-31.7	22.12	40	-17.88	0-360	300	H
2	153.6325	45.76	PK	12.5	-31.3	26.96	43.52	-16.56	0-360	300	H
5	76.58	48.76	PK	7.8	-31.7	24.86	40	-15.14	0-360	100	V
6	167.9975	47.02	PK	12	-31.3	27.72	43.52	-15.8	0-360	100	V
3	306.9	51.38	PK	13.6	-30.8	34.18	46.02	-11.84	0-360	200	H
4	666.1	46.83	PK	19.8	-30	36.63	46.02	-9.39	0-360	100	H
7	333.1	43.84	PK	14	-30.6	27.24	46.02	-18.78	0-360	200	V
8	666.1	42.51	PK	19.8	-30	32.31	46.02	-13.71	0-360	200	V

PK - Peak detector

FCC Part 15 Subpart C 30-1000MHz.TST 10675 Rev 9.5 12 Jun 2013

10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 7.2.2

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

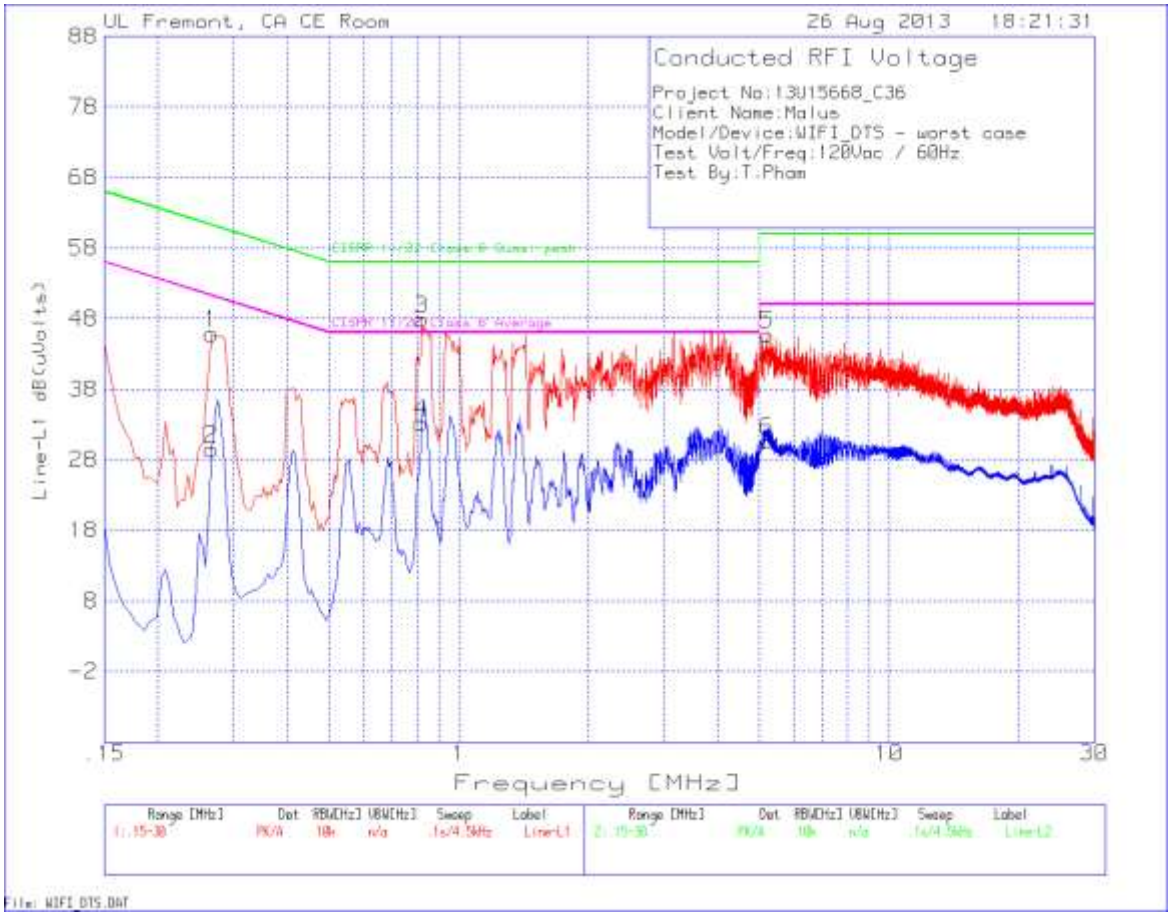
The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.4.

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

LINE 1 RESULTS

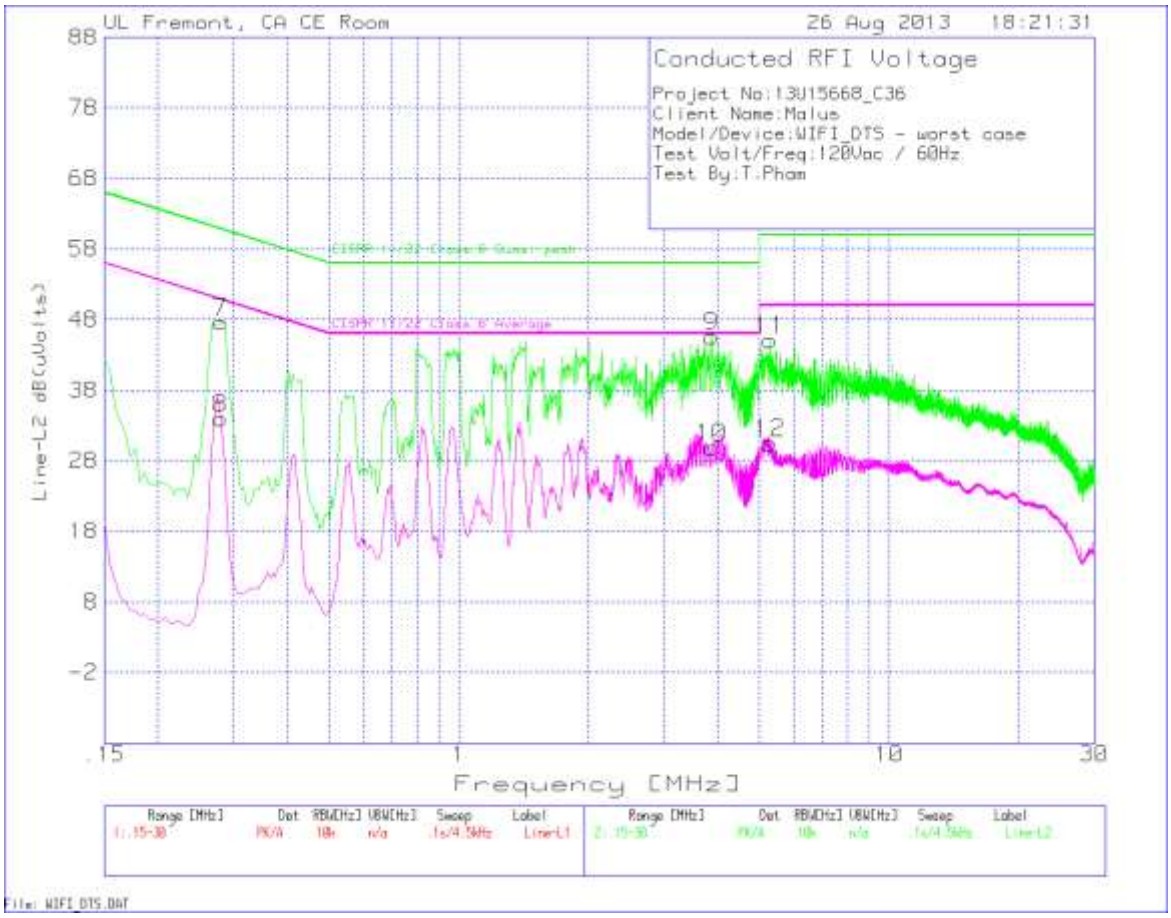


Line-L1 .15 - 30MHz

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1 (dB)	LC Cables 1&3 (dB)	Corrected Reading dB(uVolts)	CISPR 11/22 Class B Quasi-peak	Margin to Limit (dB)	CISPR 11/22 Class B Average	Margin to Limit (dB)
1	.267	45.76	PK	.1	0	45.86	61.2	-15.34	-	-
2	.267	29.35	Av	.1	0	29.45	-	-	51.2	-21.75
3	.8205	47.74	PK	.1	0	47.84	56	-8.16	-	-
4	.8205	33.16	Av	.1	0	33.26	-	-	46	-12.74
5	5.2035	45.46	PK	.1	.1	45.66	60	-14.34	-	-
6	5.2035	30.37	Av	.1	.1	30.57	-	-	50	-19.43

LINE 2 RESULTS



Line-L2 .15 - 30MHz

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2 (dB)	LC Cables 2&3 (dB)	Corrected Reading dB(uVolts)	CISPR 11/22 Class B Quasi-peak	Margin to Limit (dB)	CISPR 11/22 Class B Average	Margin to Limit (dB)
7	.2805	47.58	PK	.1	0	47.68	60.8	-13.12	-	-
8	.2805	33.9	Av	.1	0	34	-	-	50.8	-16.8
9	3.867	45.35	PK	.1	.1	45.55	56	-10.45	-	-
10	3.867	29.71	Av	.1	.1	29.91	-	-	46	-16.09
11	5.298	44.91	PK	.1	.1	45.11	60	-14.89	-	-
12	5.298	30.29	Av	.1	.1	30.49	-	-	50	-19.51

PK - Peak detector
Av - average detection