7.37. 802.11n HT40 CHAIN 0 MODE IN THE 5.8 GHz BAND

7.37.1. 6 dB BANDWIDTH

LIMITS

FCC §15.407 (e)

IC RSS-247 (6.2.4) (1)

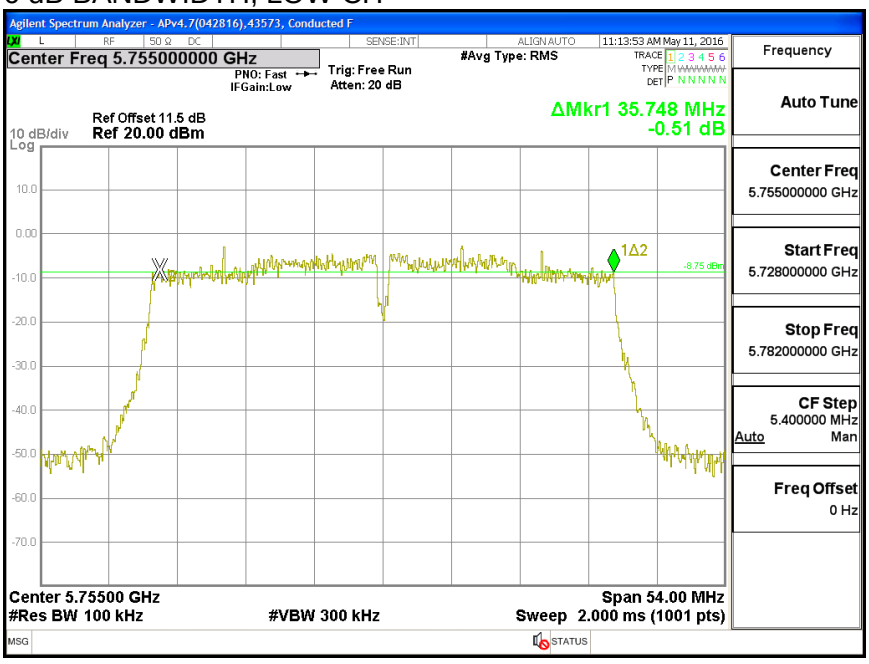
The minimum 6 dB bandwidth shall be at least 500 kHz.

RESULTS

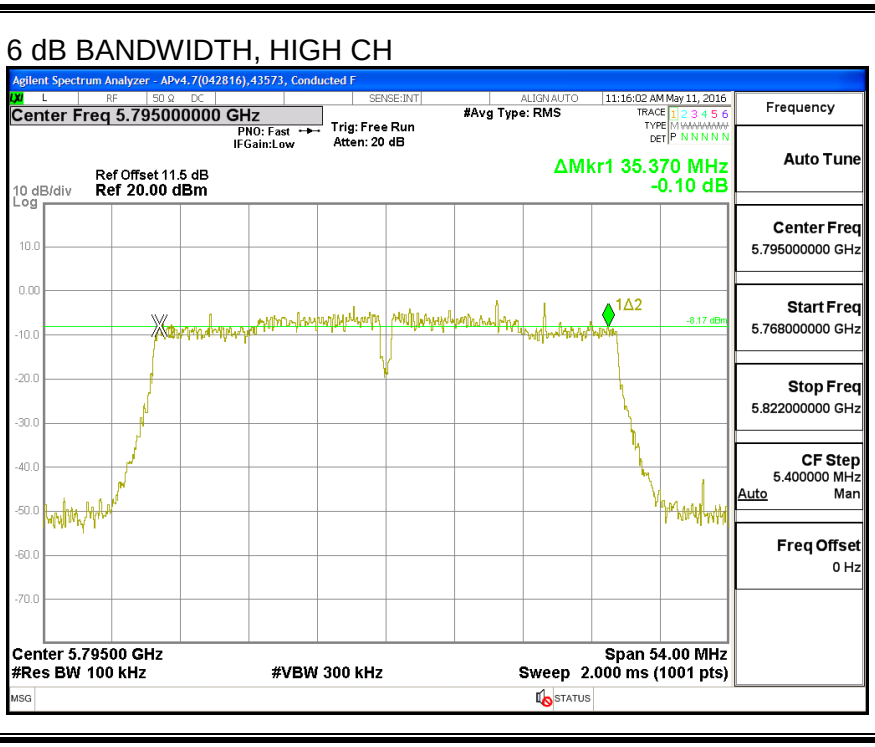
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	35.75	0.5
High	5795	35.37	0.5

6 dB BANDWIDTH

6 dB BANDWIDTH, LOW CH



6 dB BANDWIDTH, HIGH CH



7.37.2. 26 dB BANDWIDTH

LIMITS

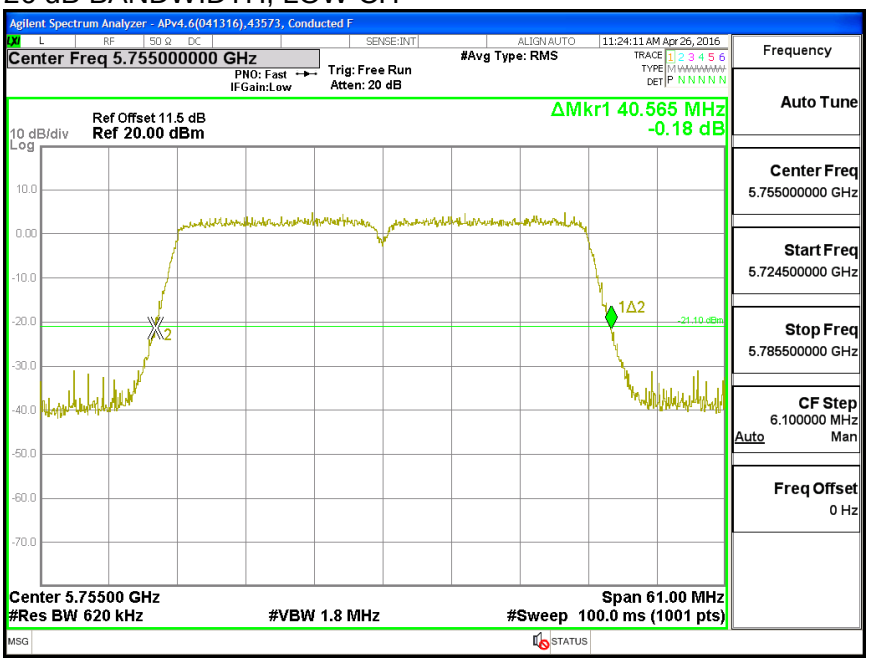
None, for reporting purposes only.

RESULTS

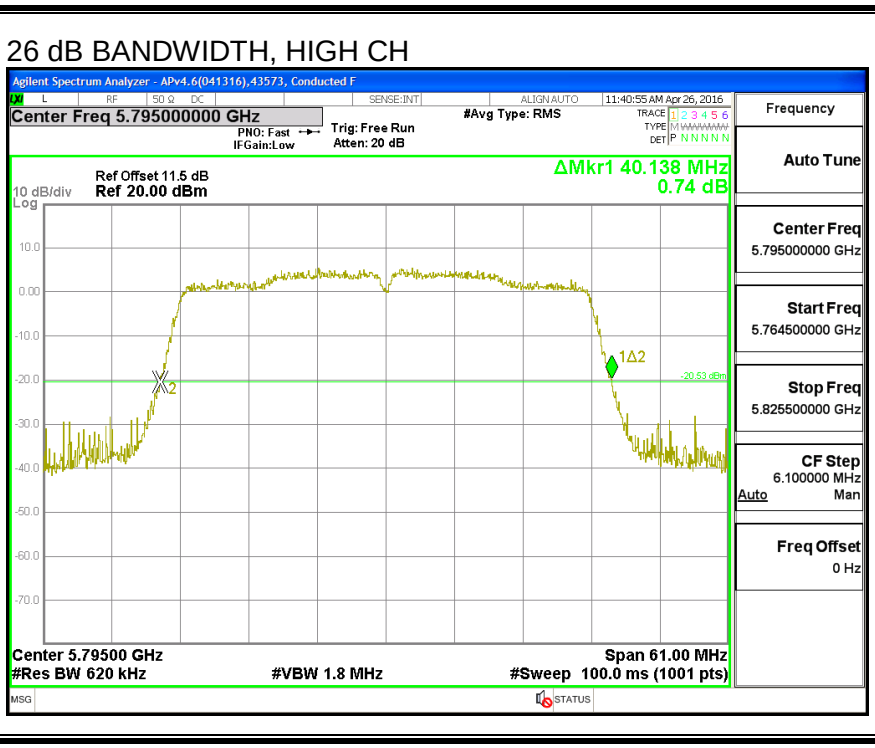
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
Low	5755	40.57
High	5795	40.14

26 dB BANDWIDTH

26 dB BANDWIDTH, LOW CH



26 dB BANDWIDTH, HIGH CH



7.37.3. 99% BANDWIDTH

LIMITS

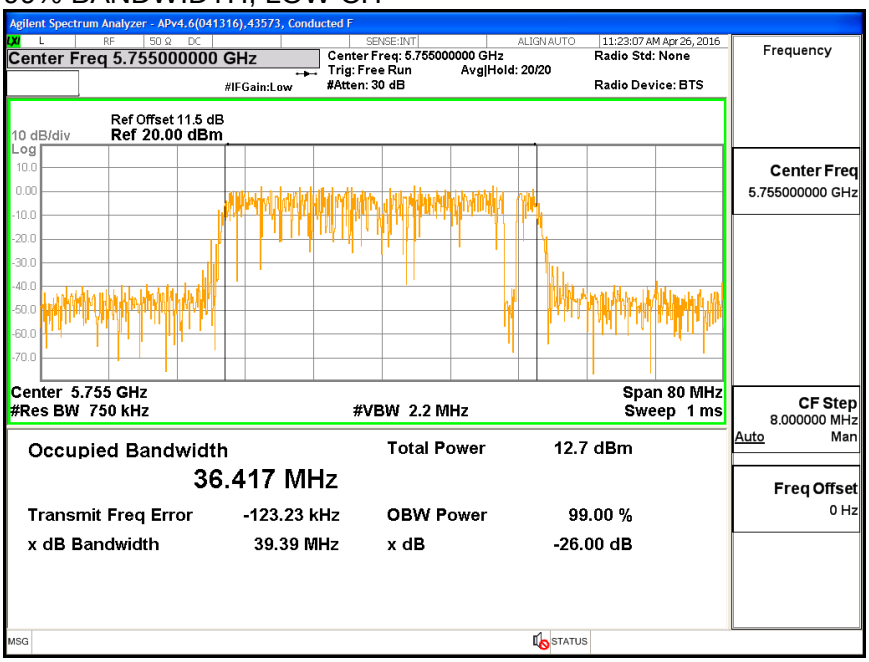
None; for reporting purposes only.

RESULTS

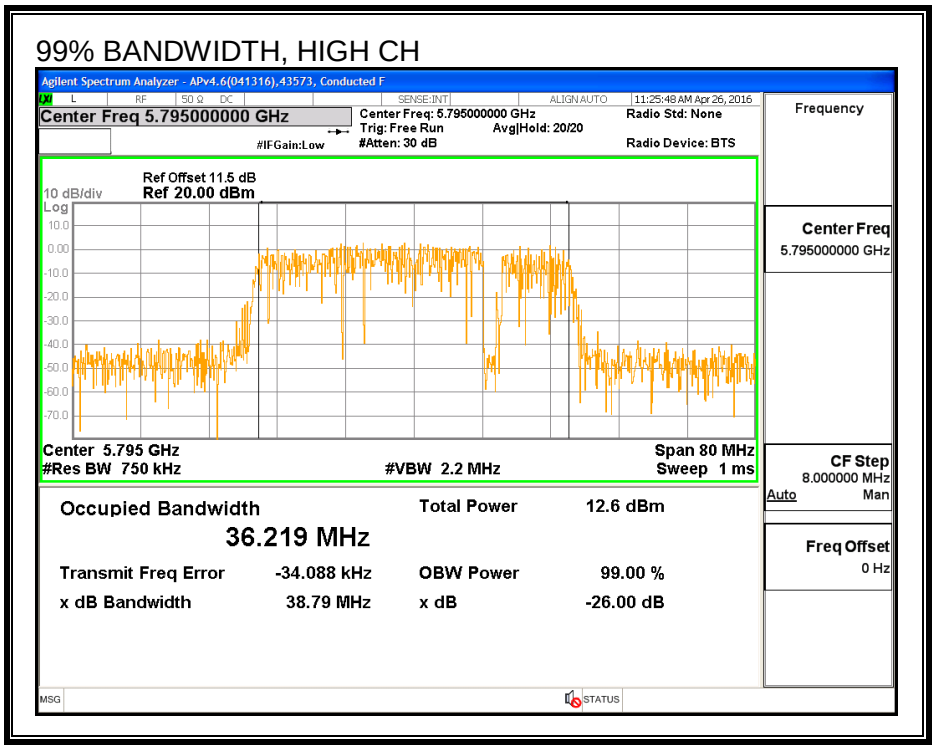
Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5755	36.417
High	5795	36.219

99% BANDWIDTH

99% BANDWIDTH, LOW CH



99% BANDWIDTH, HIGH CH



7.37.4. AVERAGE POWER

LIMITS

None; for reporting purposes only.

TEST PROCEDURE

Measurements perform using a wideband gated RF power meter.

RESULTS

ID:	43573	Date:	6/11/16

Channel	Frequency (MHz)	Power (dBm)
Low	5755	17.00
High	5795	16.91

7.37.5. OUTPUT POWER

LIMITS

FCC §15.407 (a) (3)

IC RSS-247 (6.2.4) (1)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

TEST PROCEDURE

Measurements perform using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

DIRECTIONAL ANTENNA GAIN

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

RESULTS

ID:	43573	Date:	6/11/16

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Low	5755	-2.73	30.00
High	5795	-2.73	30.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	17.00	17.00	30.00	-13.00
High	5795	16.91	16.91	30.00	-13.09

7.37.6. PSD

LIMITS

FCC §15.407 (a) (3)

IC RSS-247 (6.2.4) (1)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density 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

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Low	5755	-2.73	30.00
High	5795	-2.73	30.00

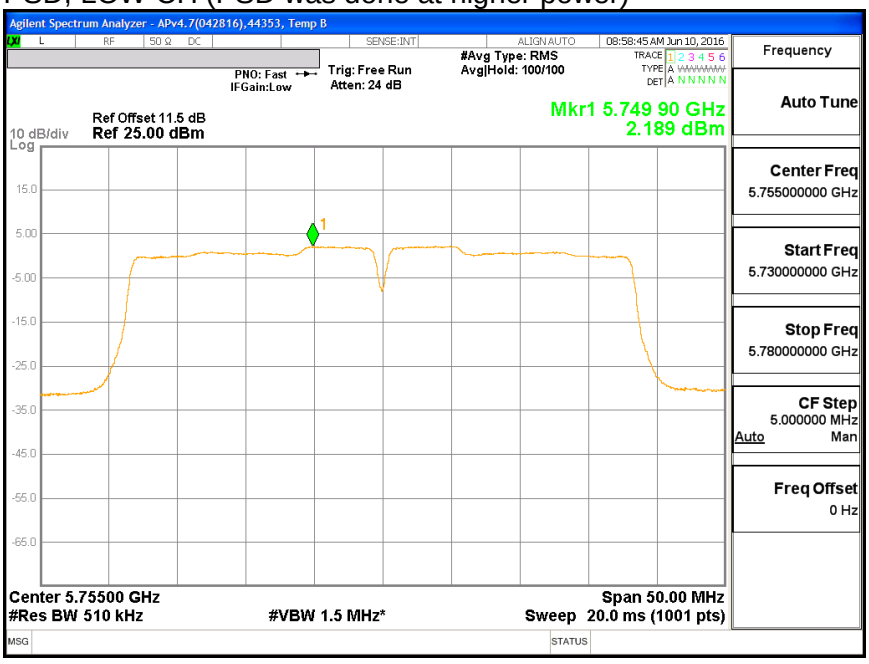
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD

PSD Results

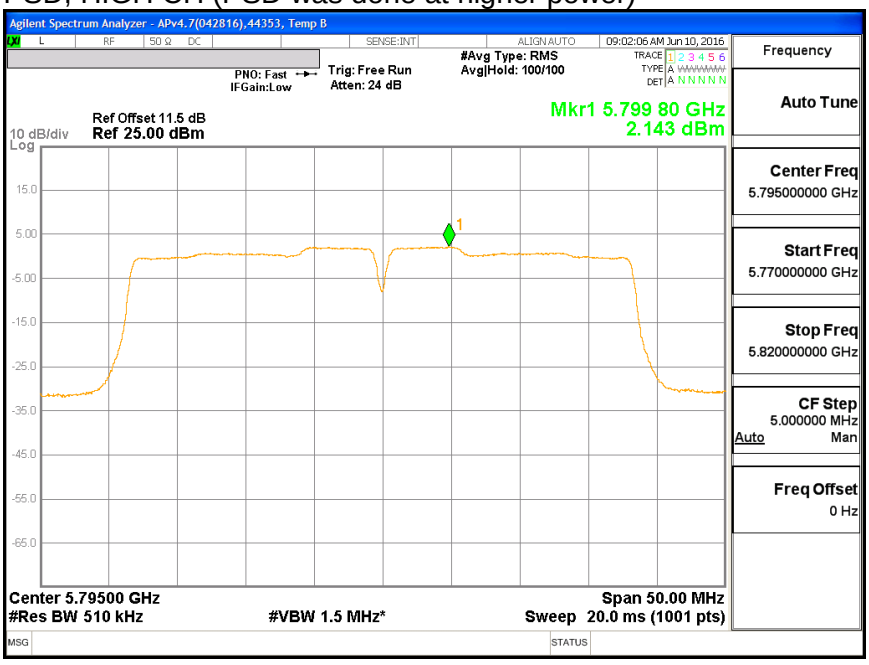
Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	2.19	2.19	30.00	-27.81
High	5795	2.14	2.14	30.00	-27.86

PSD

PSD, LOW CH (PSD was done at higher power)



PSD, HIGH CH (PSD was done at higher power)



7.38. 802.11n HT40 CHAIN 1 MODE IN THE 5.8 GHz BAND

7.38.1. 6 dB BANDWIDTH

LIMITS

FCC §15.407 (e)

IC RSS-247 (6.2.4) (1)

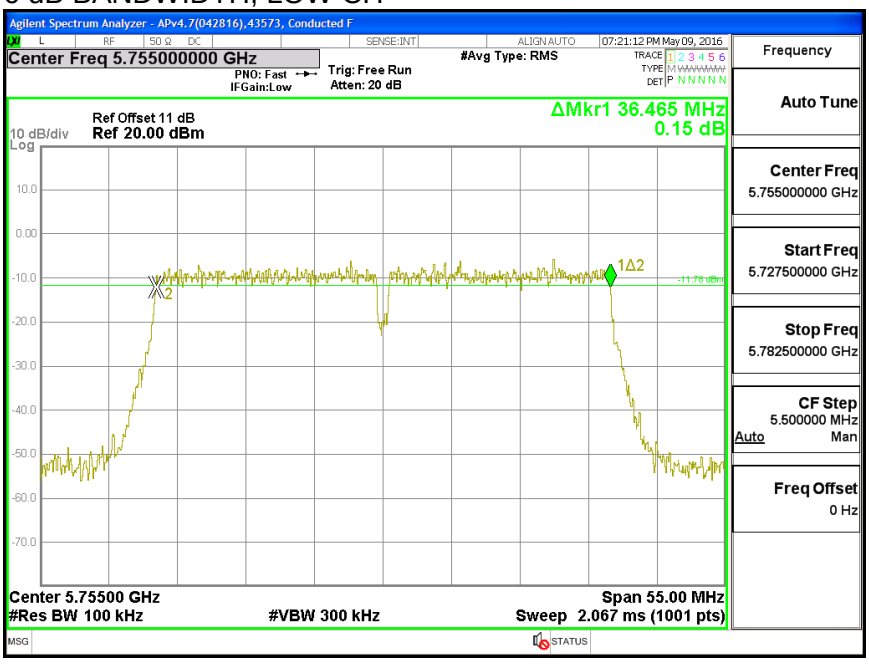
The minimum 6 dB bandwidth shall be at least 500 kHz.

RESULTS

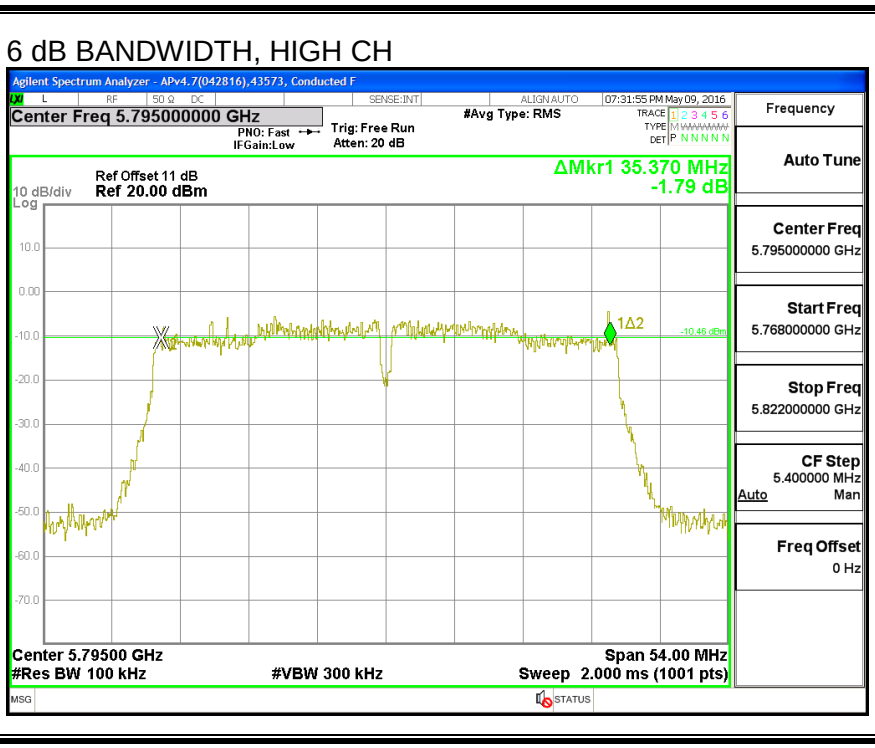
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	36.47	0.5
High	5795	35.37	0.5

6 dB BANDWIDTH

6 dB BANDWIDTH, LOW CH



6 dB BANDWIDTH, HIGH CH



7.38.2. 26 dB BANDWIDTH

LIMITS

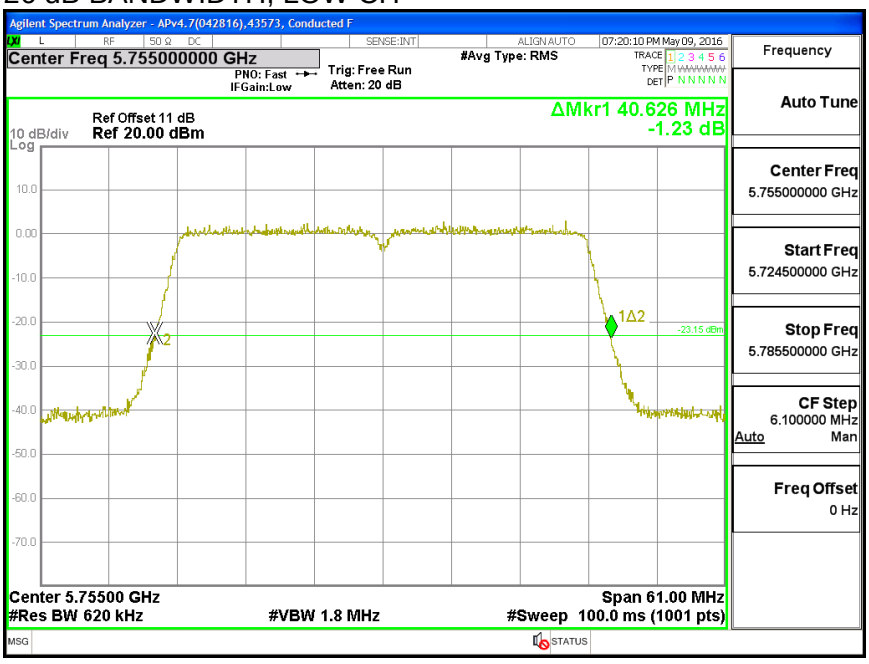
None, for reporting purposes only.

RESULTS

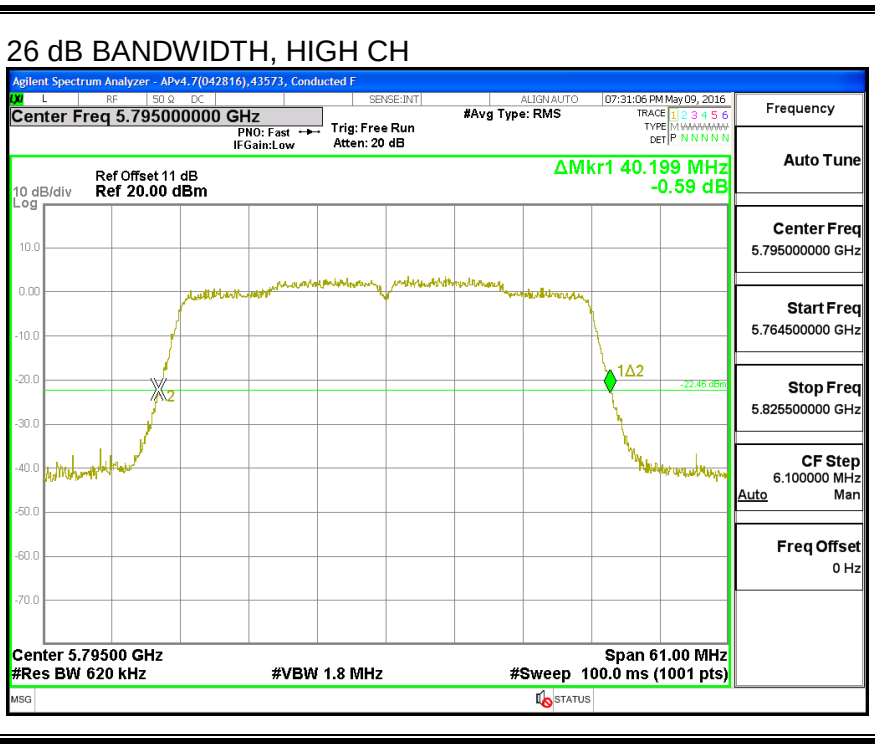
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
Low	5755	40.63
High	5795	40.20

26 dB BANDWIDTH

26 dB BANDWIDTH, LOW CH



26 dB BANDWIDTH, HIGH CH



7.38.3. 99% BANDWIDTH

LIMITS

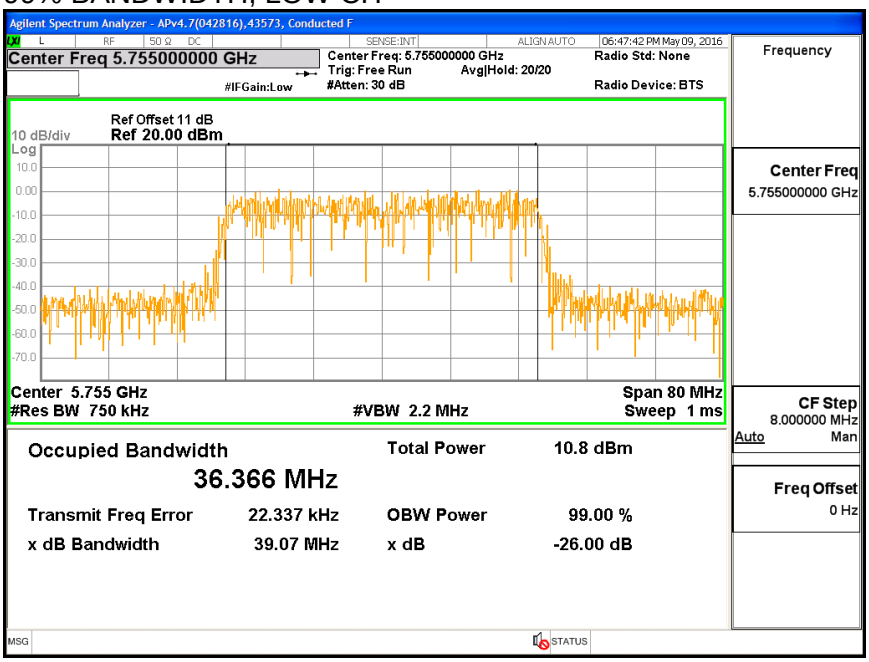
None; for reporting purposes only.

RESULTS

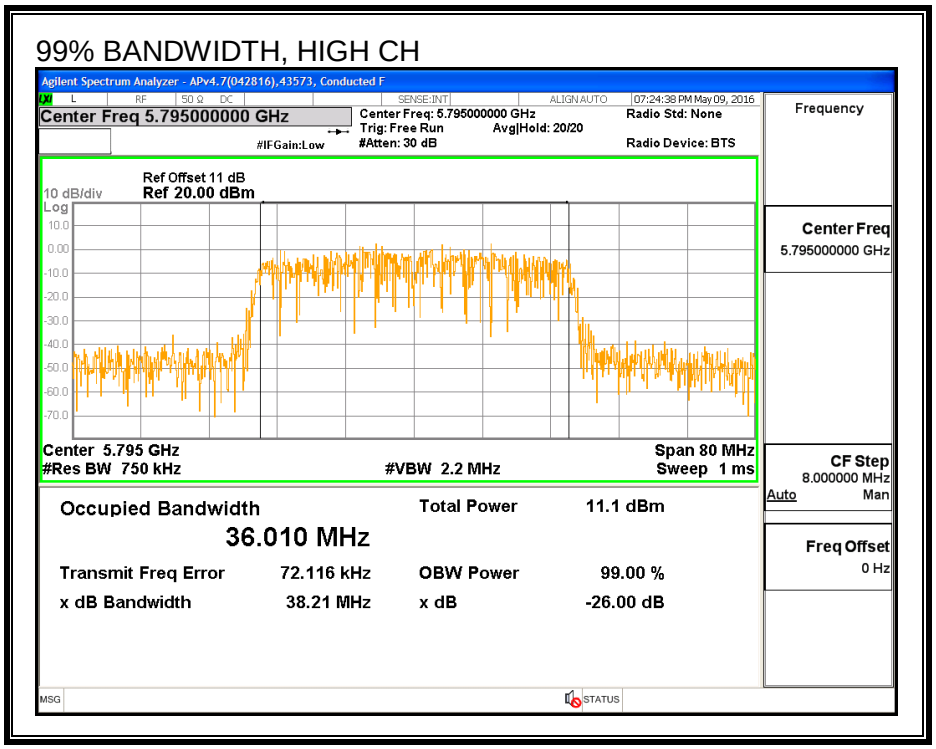
Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5755	36.366
High	5795	36.010

99% BANDWIDTH

99% BANDWIDTH, LOW CH



99% BANDWIDTH, HIGH CH



7.38.4. AVERAGE POWER

LIMITS

None; for reporting purposes only.

TEST PROCEDURE

Measurements perform using a wideband gated RF power meter.

RESULTS

ID:	43573	Date:	6/11/16

Channel	Frequency (MHz)	Power (dBm)
Low	5755	19.00
High	5795	18.94

7.38.5. OUTPUT POWER

LIMITS

FCC §15.407 (a) (3)

IC RSS-247 (6.2.4) (1)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

TEST PROCEDURE

Measurements perform using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

DIRECTIONAL ANTENNA GAIN

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

RESULTS

ID:	43573	Date:	6/11/16

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Low	5755	-5.52	30.00
High	5795	-5.52	30.00

Output Power Results

Channel	Frequency (MHz)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	19.00	19.00	30.00	-11.00
High	5795	18.94	18.94	30.00	-11.06

7.38.6. PSD

LIMITS

FCC §15.407 (a) (3)

IC RSS-247 (6.2.4) (1)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density 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

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Low	5755	-5.52	30.00
High	5795	-5.52	30.00

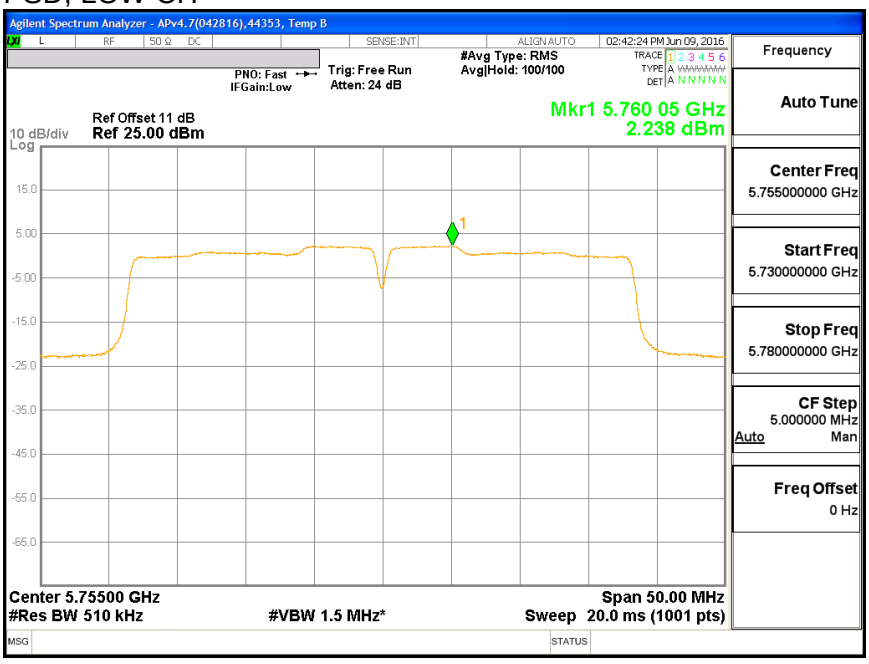
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD

PSD Results

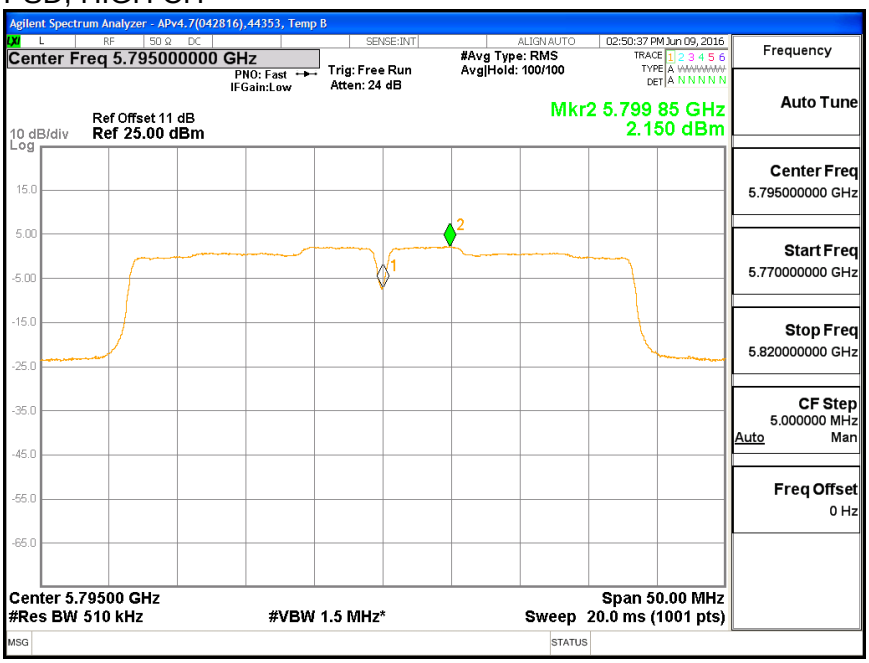
Channel	Frequency (MHz)	Chain 1 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	2.24	2.24	30.00	-27.76
High	5795	2.15	2.15	30.00	-27.85

PSD

PSD, LOW CH



PSD, HIGH CH



7.39. 802.11n HT40 2Tx CDD MODE IN THE 5.8 GHz BAND

7.39.1. 6 dB BANDWIDTH

LIMITS

FCC §15.407 (e)

IC RSS-247 (6.2.4) (1)

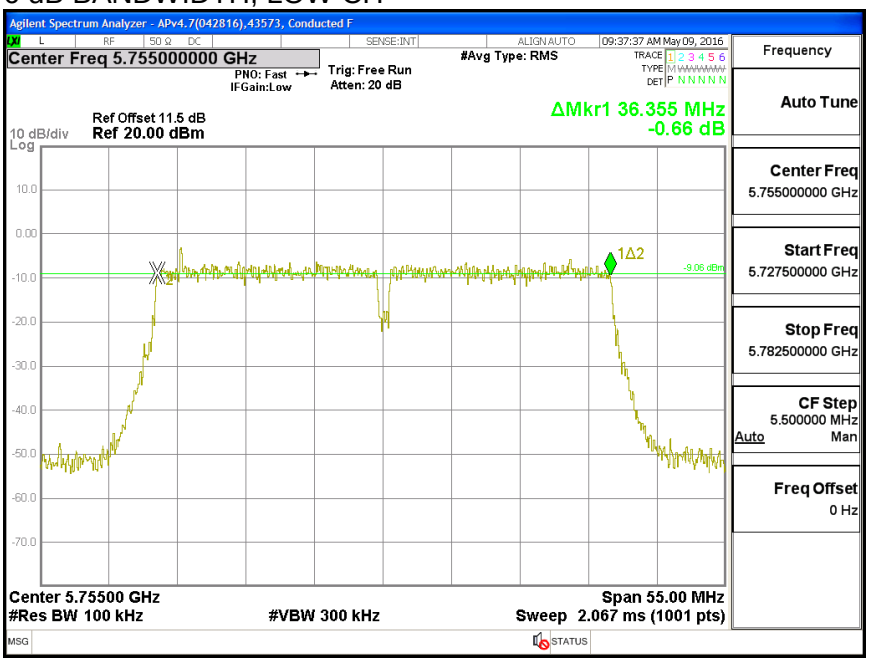
The minimum 6 dB bandwidth shall be at least 500 kHz.

RESULTS

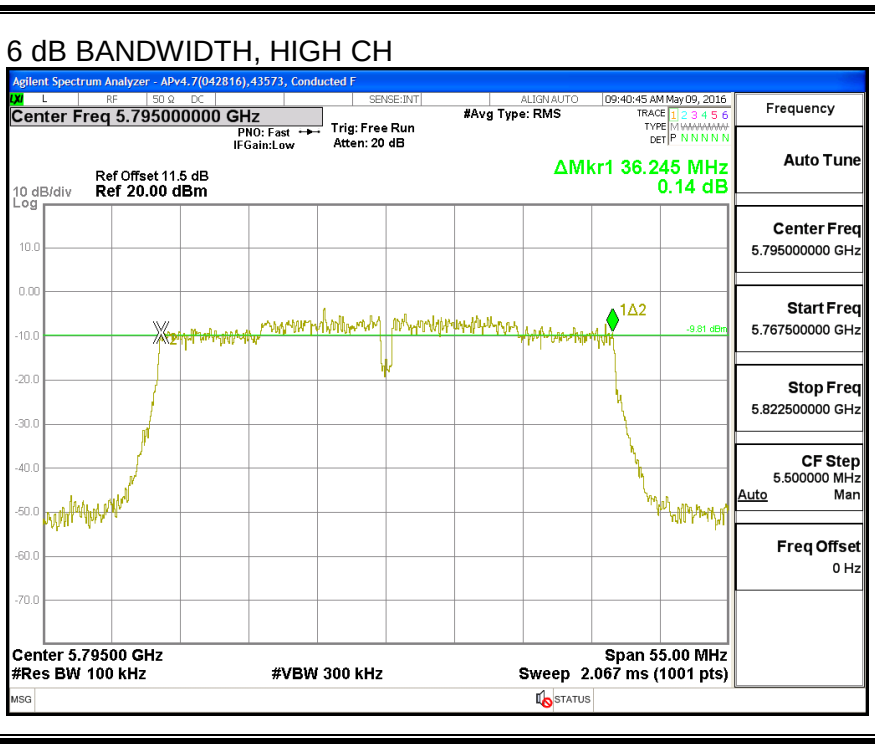
Channel	Frequency (MHz)	6 dB BW Chain 0 (MHz)	6 dB BW Chain 1 (MHz)	Minimum Limit (MHz)
Low	5755	36.36	36.41	0.5
High	5795	36.25	36.08	0.5

6 dB BANDWIDTH, CHAIN 0

6 dB BANDWIDTH, LOW CH

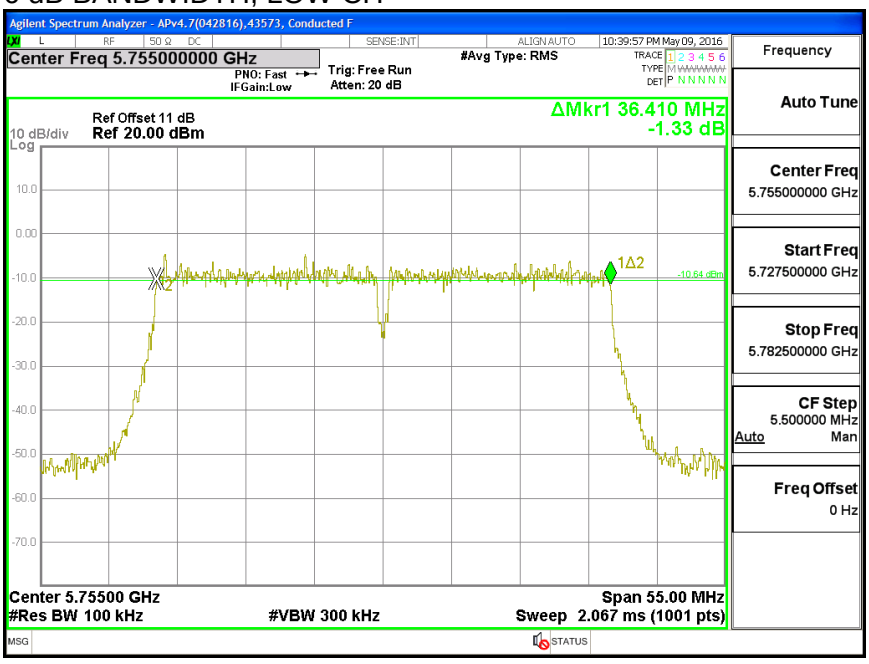


6 dB BANDWIDTH, HIGH CH

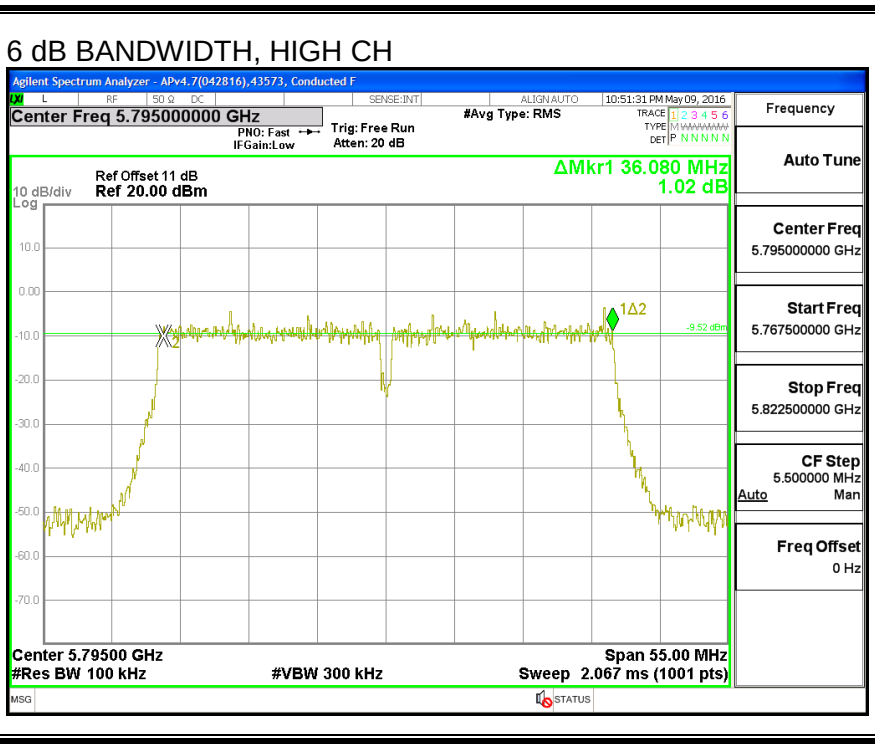


6 dB BANDWIDTH, CHAIN 1

6 dB BANDWIDTH, LOW CH



6 dB BANDWIDTH, HIGH CH



7.39.2. 26 dB BANDWIDTH

LIMITS

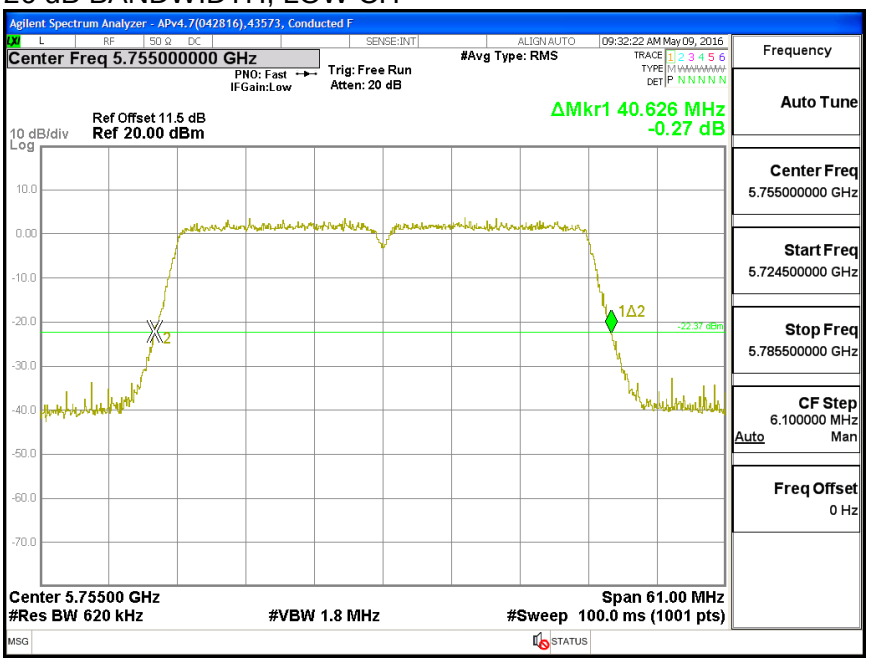
None, for reporting purposes only.

RESULTS

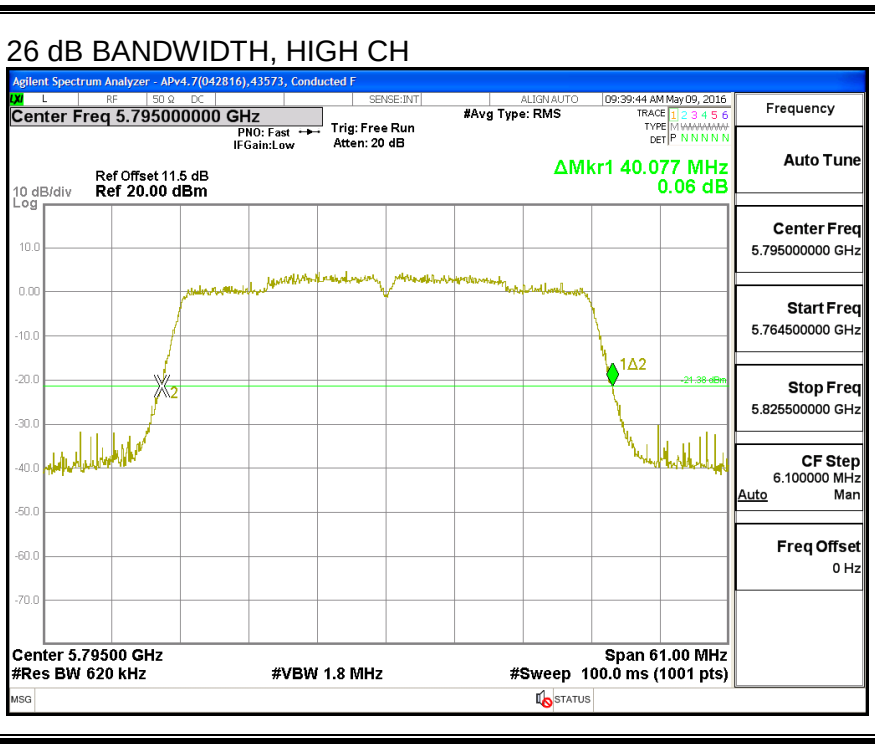
Channel	Frequency (MHz)	26 dB BW Chain 0 (MHz)	26 dB BW Chain 1 (MHz)
Low	5755	40.63	40.20
High	5795	40.08	40.08

26 dB BANDWIDTH, CHAIN 0

26 dB BANDWIDTH, LOW CH

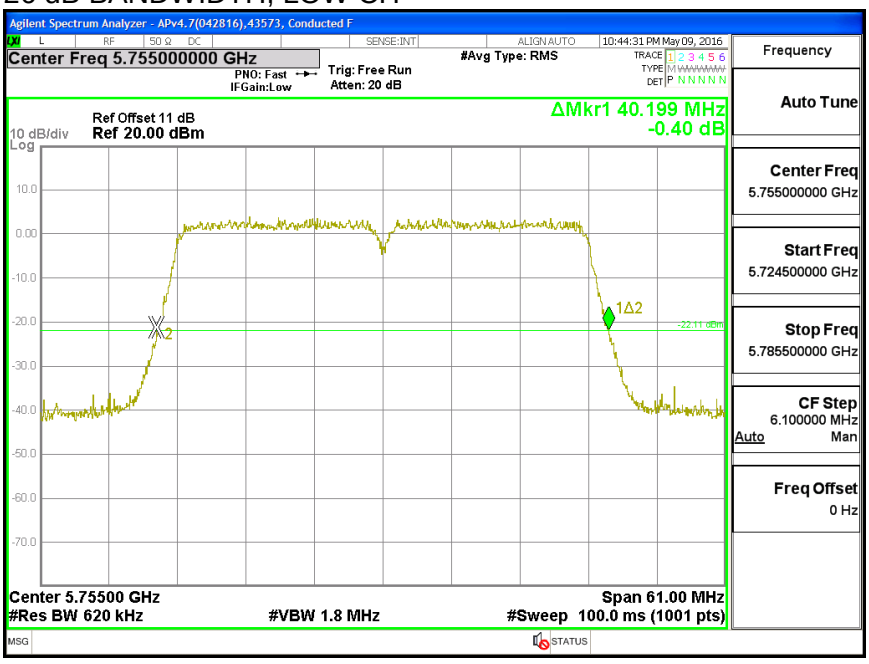


26 dB BANDWIDTH, HIGH CH

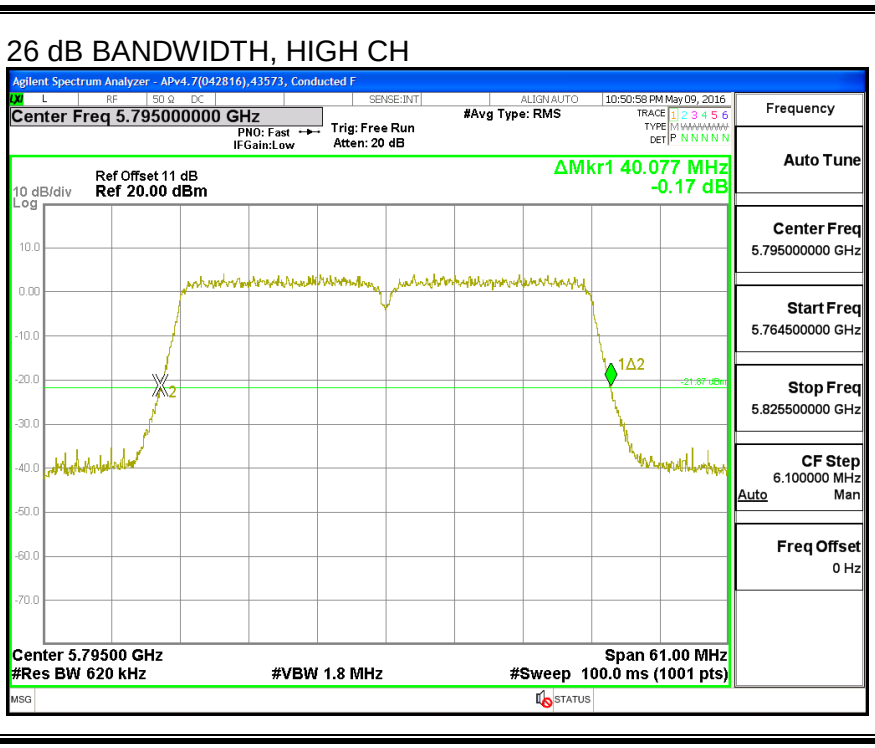


26 dB BANDWIDTH, CHAIN 1

26 dB BANDWIDTH, LOW CH



26 dB BANDWIDTH, HIGH CH



7.39.3. 99% BANDWIDTH

LIMITS

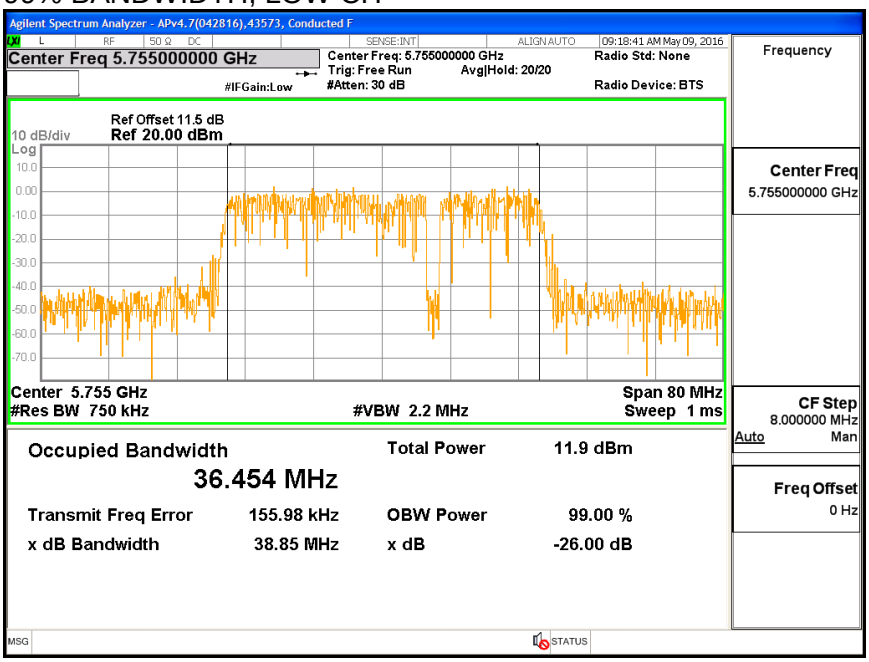
None; for reporting purposes only.

RESULTS

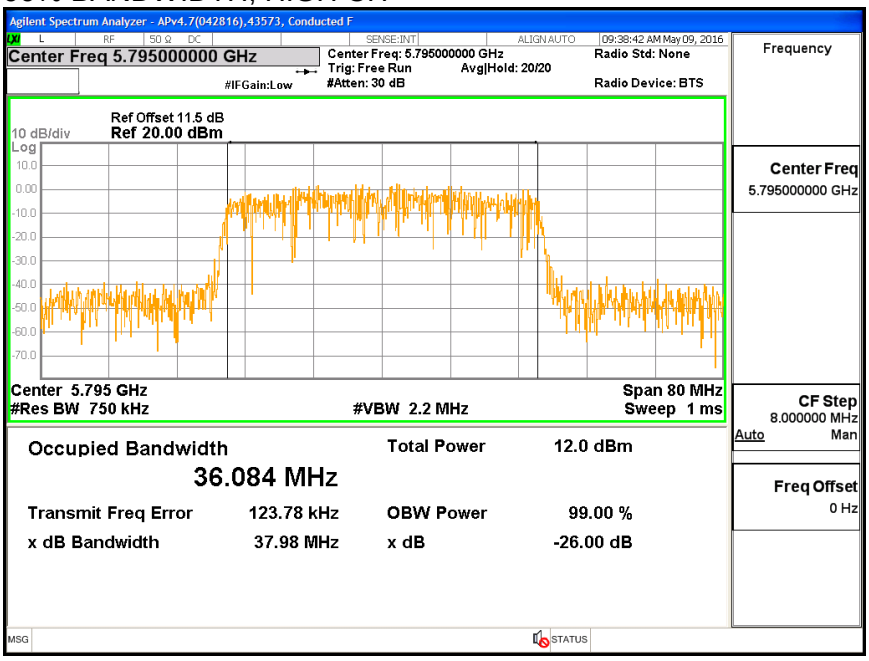
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5755	36.454	36.379
High	5795	36.084	36.411

99% BANDWIDTH, CHAIN 0

99% BANDWIDTH, LOW CH

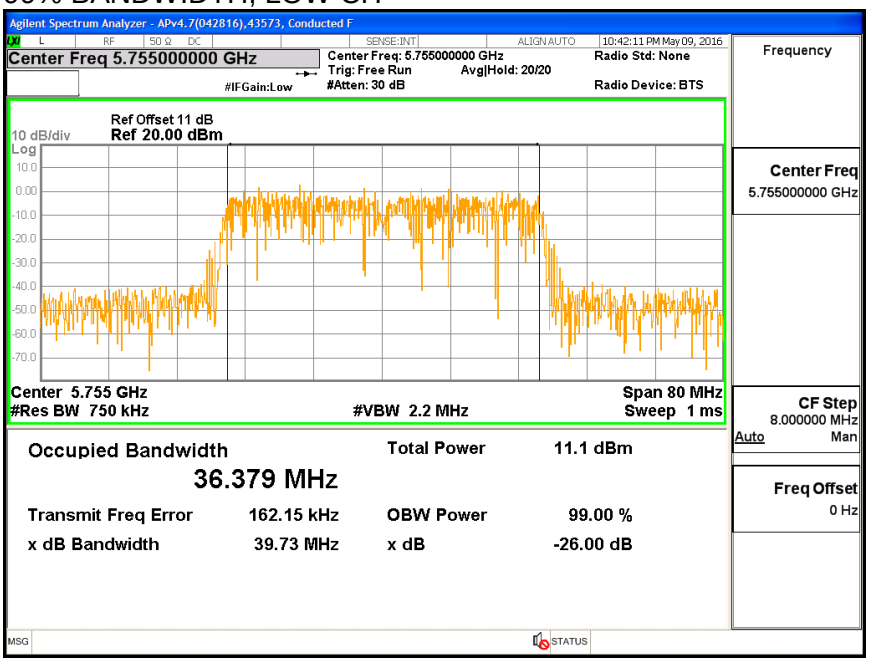


99% BANDWIDTH, HIGH CH

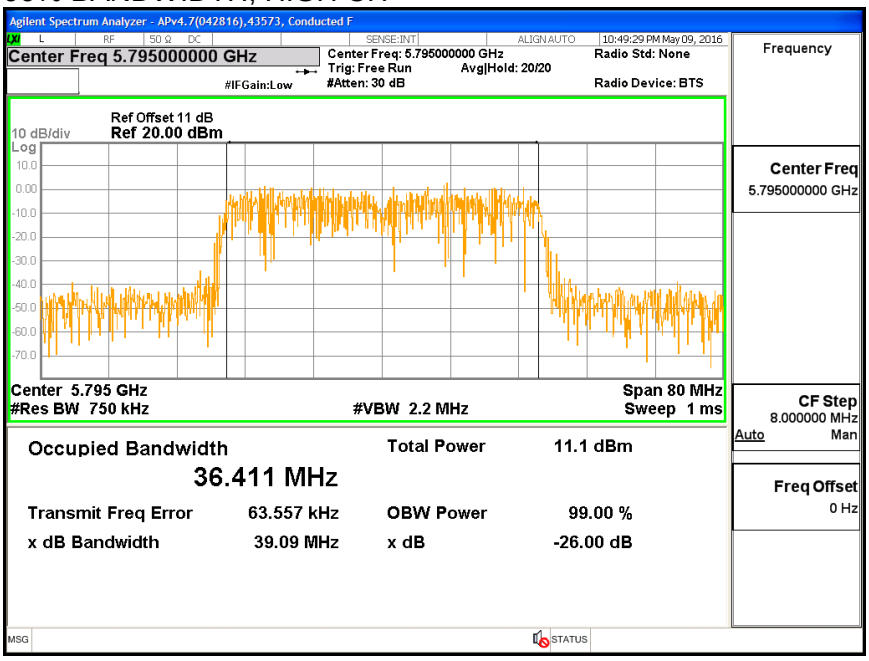


99% BANDWIDTH, CHAIN 1

99% BANDWIDTH, LOW CH



99% BANDWIDTH, HIGH CH



7.39.4. AVERAGE POWER

LIMITS

None; for reporting purposes only.

TEST PROCEDURE

Measurements perform using a wideband gated RF power meter.

RESULTS

ID:	43573	Date:	6/11/16

Channel	Frequency (MHz)	Chain 0 Power (dBm)	Chain 1 Power (dBm)	Total Power (dBm)
Low	5755	16.79	19.00	21.04
High	5795	16.87	19.00	21.07

7.39.5. OUTPUT POWER

LIMITS

FCC §15.407 (a) (3)

IC RSS-247 (6.2.4) (1)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

TEST PROCEDURE

Measurements perform using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

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)
-2.73	-5.52	-3.90

RESULTS

ID:	43573	Date:	6/11/16

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Low	5755	-3.90	30.00
High	5795	-3.90	30.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	16.79	19.00	21.04	30.00	-8.96
High	5795	16.87	19.00	21.07	30.00	-8.93

7.39.6. PSD

LIMITS

FCC §15.407 (a) (3)

IC RSS-247 (6.2.4) (1)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density 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 correlated and the antenna gain is unequal among the chains. The directional gain is:

Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
-2.73	-5.52	-1.00

RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Low	5755	-1.00	30.00
High	5795	-1.00	30.00

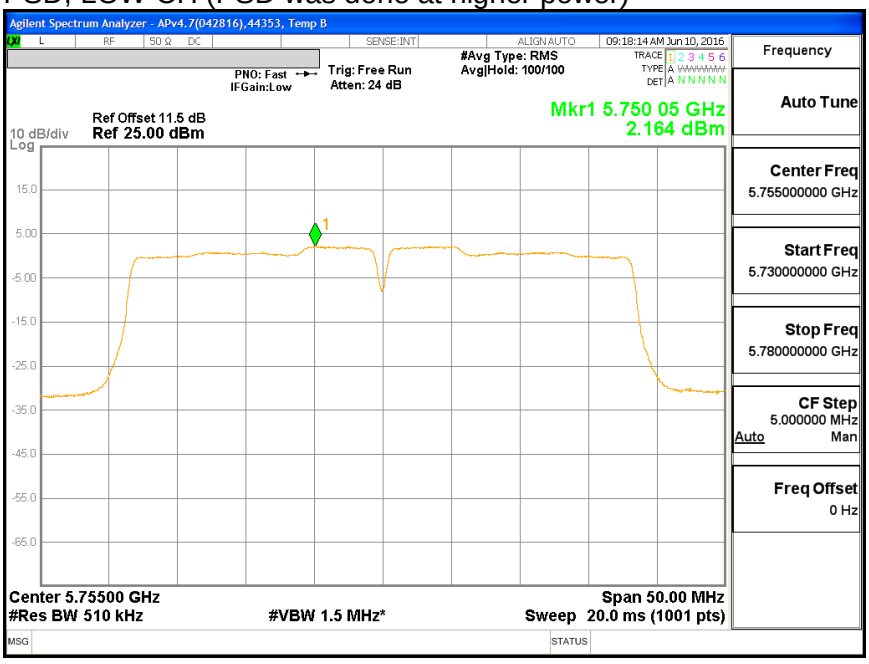
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD

PSD Results

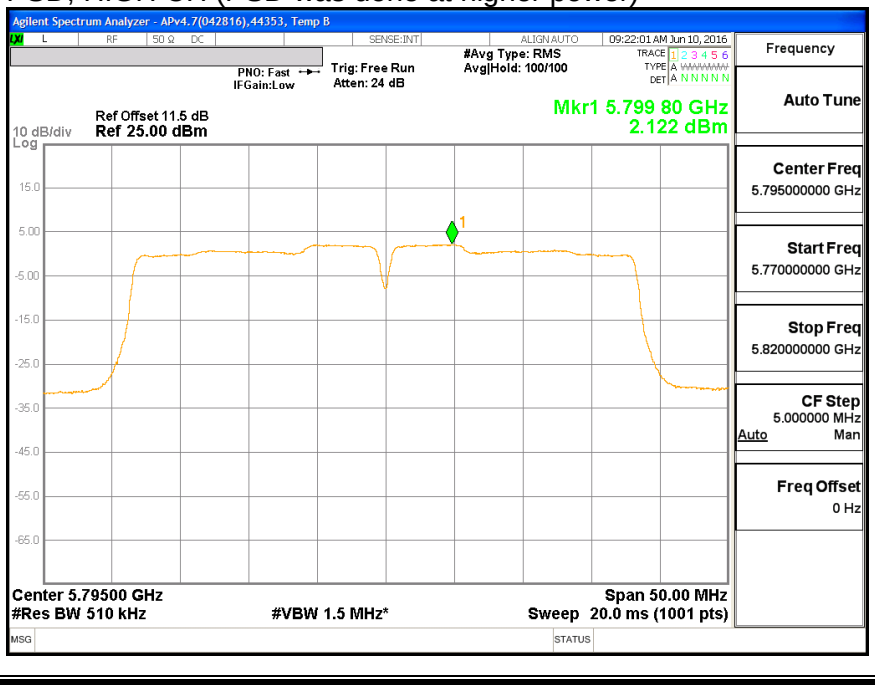
Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	2.16	2.24	5.21	30.00	-24.79
High	5795	2.12	2.30	5.22	30.00	-24.78

PSD, CHAIN 0

PSD, LOW CH (PSD was done at higher power)

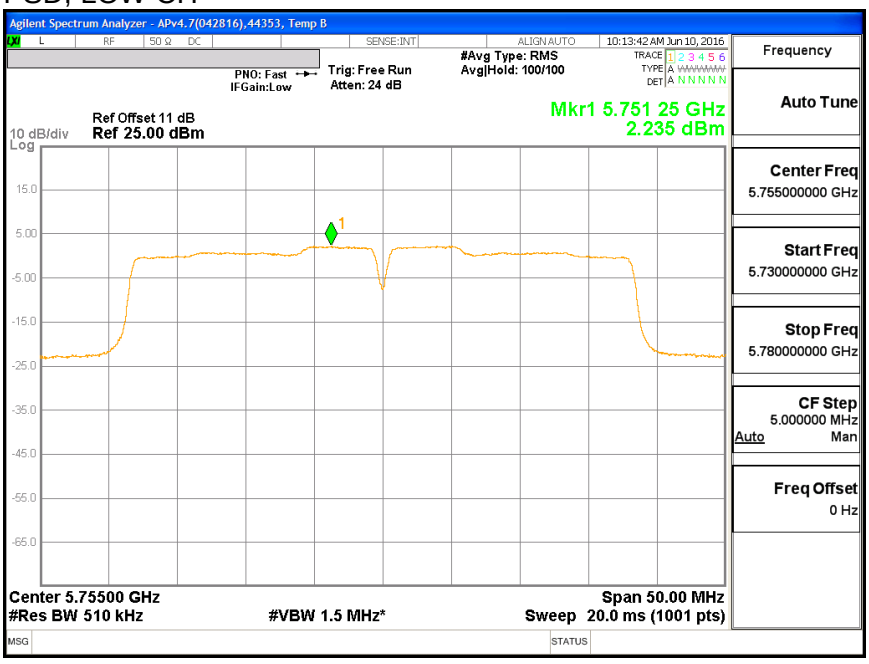


PSD, HIGH CH (PSD was done at higher power)

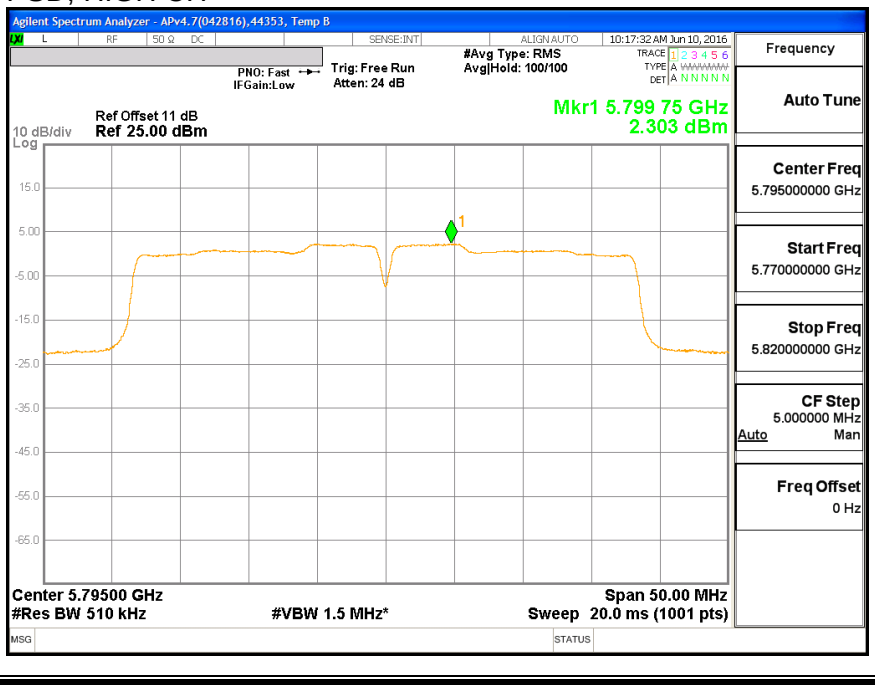


PSD, CHAIN 1

PSD, LOW CH



PSD, HIGH CH



7.40. 802.11ac VHT80 CHAIN 0 MODE IN THE 5.8 GHz BAND

7.40.1. 6 dB BANDWIDTH

LIMITS

FCC §15.407 (e)

IC RSS-247 (6.2.4) (1)

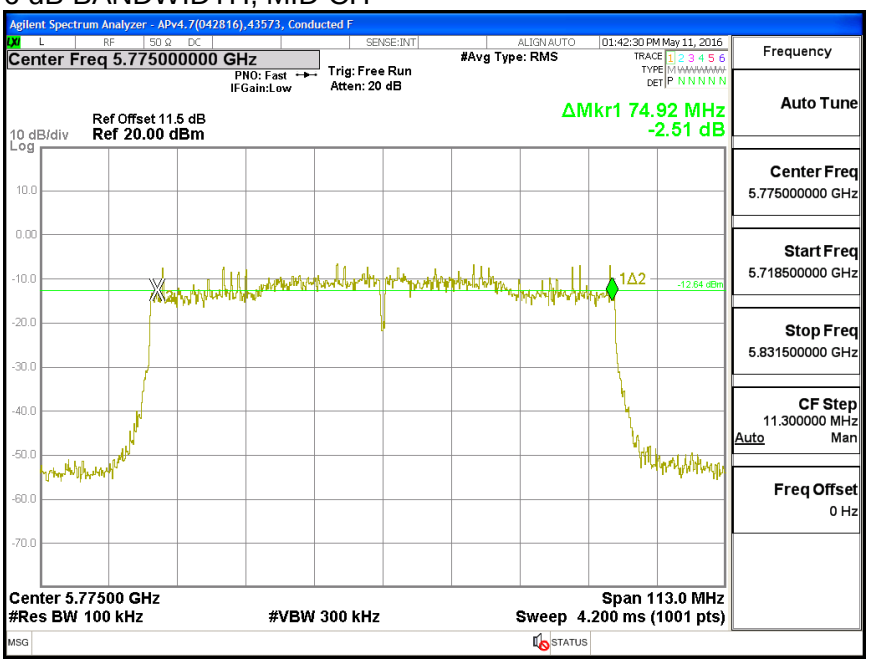
The minimum 6 dB bandwidth shall be at least 500 kHz.

RESULTS

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	74.92	0.5

6 dB BANDWIDTH

6 dB BANDWIDTH, MID CH



7.40.2. 26 dB BANDWIDTH

LIMITS

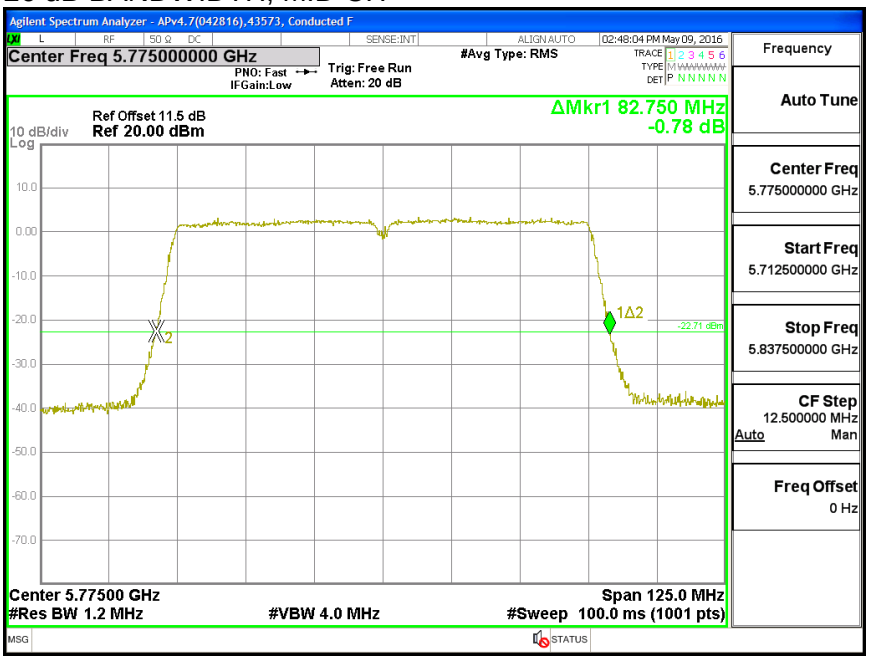
None, for reporting purposes only.

RESULTS

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
Mid	5775	82.75

26 dB BANDWIDTH

26 dB BANDWIDTH, MID CH



7.40.3. 99% BANDWIDTH

LIMITS

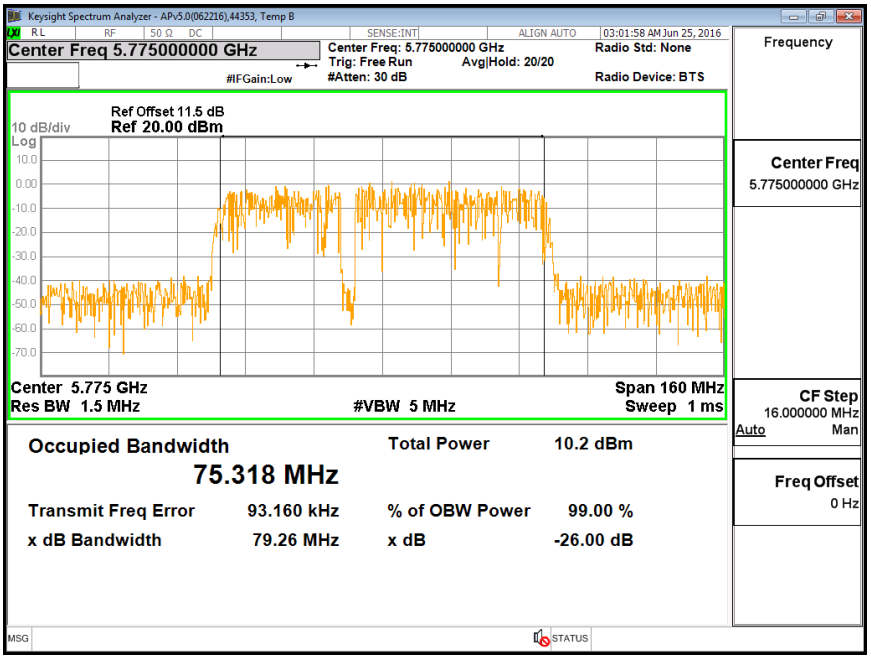
None; for reporting purposes only.

RESULTS

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5775	75.318

99% BANDWIDTH

BANDWIDTH MID CH



7.40.4. AVERAGE POWER

LIMITS

None; for reporting purposes only.

TEST PROCEDURE

Measurements perform using a wideband gated RF power meter.

RESULTS

ID:	43573	Date:	6/11/16

Channel	Frequency (MHz)	Power (dBm)
Mid	5775	16.96

7.40.5. OUTPUT POWER

LIMITS

FCC §15.407 (a) (3)

IC RSS-247 (6.2.4) (1)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

TEST PROCEDURE

Measurements perform using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

DIRECTIONAL ANTENNA GAIN

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

RESULTS

ID:	43573	Date:	6/11/16

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Mid	5775	-2.73	30.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	16.96	16.96	30.00	-13.04

7.40.6. PSD

LIMITS

FCC §15.407 (a) (3)

IC RSS-247 (6.2.4) (1)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density 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

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Mid	5775	-2.73	30.00

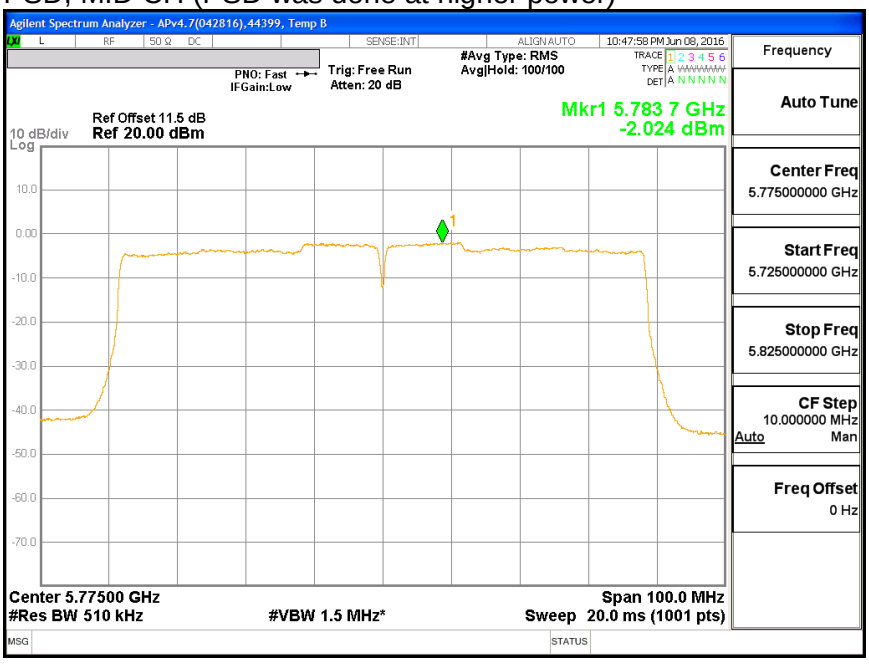
Duty Cycle CF (dB)	0.16	Included in Calculations of Corr'd PSD

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5775	-2.02	-1.86	30.00	-31.86

PSD

PSD, MID CH (PSD was done at higher power)



7.41. 802.11ac VHT80 CHAIN 1 MODE IN THE 5.8 GHz BAND

7.41.1. 6 dB BANDWIDTH

LIMITS

FCC §15.407 (e)

IC RSS-247 (6.2.4) (1)

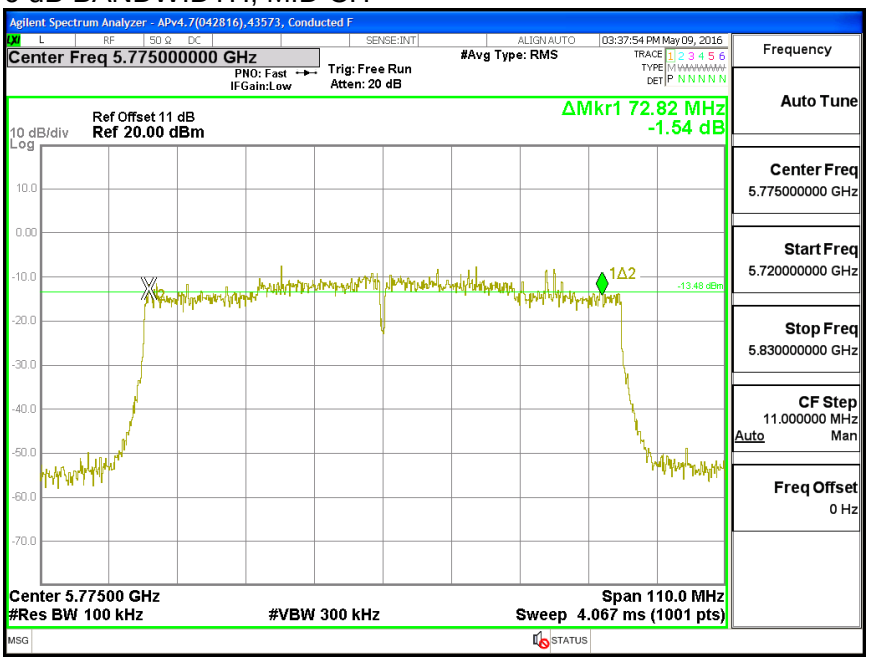
The minimum 6 dB bandwidth shall be at least 500 kHz.

RESULTS

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	72.82	0.5

6 dB BANDWIDTH

6 dB BANDWIDTH, MID CH



7.41.2. 26 dB BANDWIDTH

LIMITS

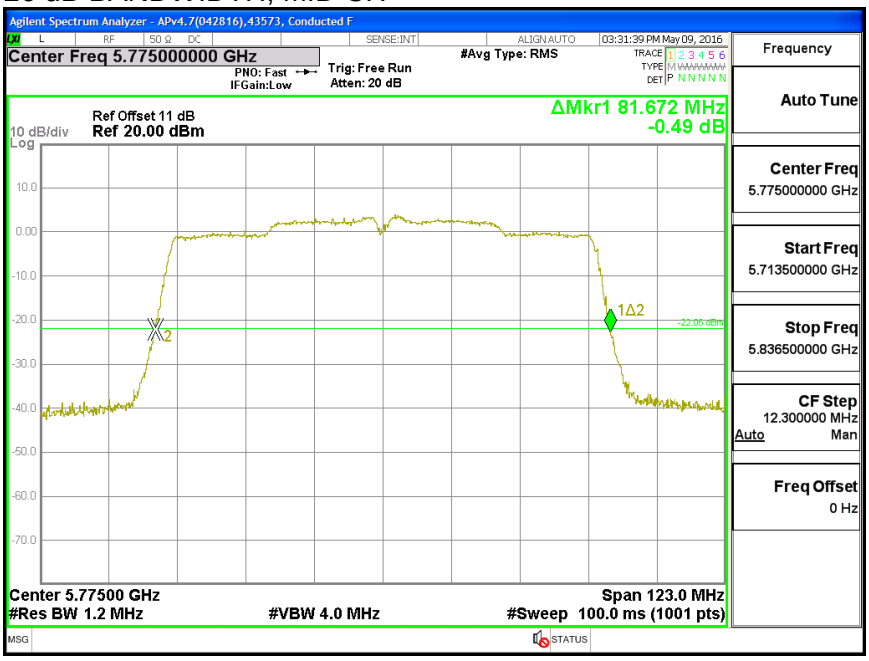
None, for reporting purposes only.

RESULTS

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
Mid	5775	81.67

26 dB BANDWIDTH

26 dB BANDWIDTH, MID CH



7.41.3. 99% BANDWIDTH

LIMITS

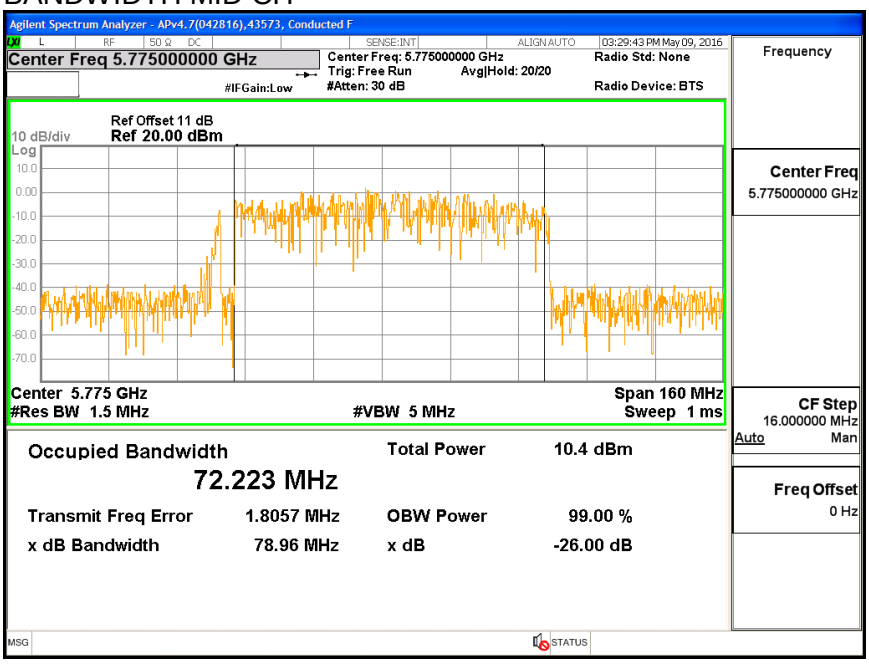
None; for reporting purposes only.

RESULTS

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5775	72.223

99% BANDWIDTH

BANDWIDTH MID CH



7.41.4. AVERAGE POWER

LIMITS

None; for reporting purposes only.

TEST PROCEDURE

Measurements perform using a wideband gated RF power meter.

RESULTS

ID:	43573	Date:	6/11/16

Channel	Frequency (MHz)	Power (dBm)
Mid	5775	18.84

7.41.5. OUTPUT POWER

LIMITS

FCC §15.407 (a) (3)

IC RSS-247 (6.2.4) (1)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

TEST PROCEDURE

Measurements perform using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

DIRECTIONAL ANTENNA GAIN

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

RESULTS

ID:	43573	Date:	6/11/16

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Mid	5775	-5.52	30.00

Output Power Results

Channel	Frequency (MHz)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	18.84	18.84	30.00	-11.16

7.41.6. PSD

LIMITS

FCC §15.407 (a) (3)

IC RSS-247 (6.2.4) (1)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density 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

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Mid	5775	-5.52	30.00

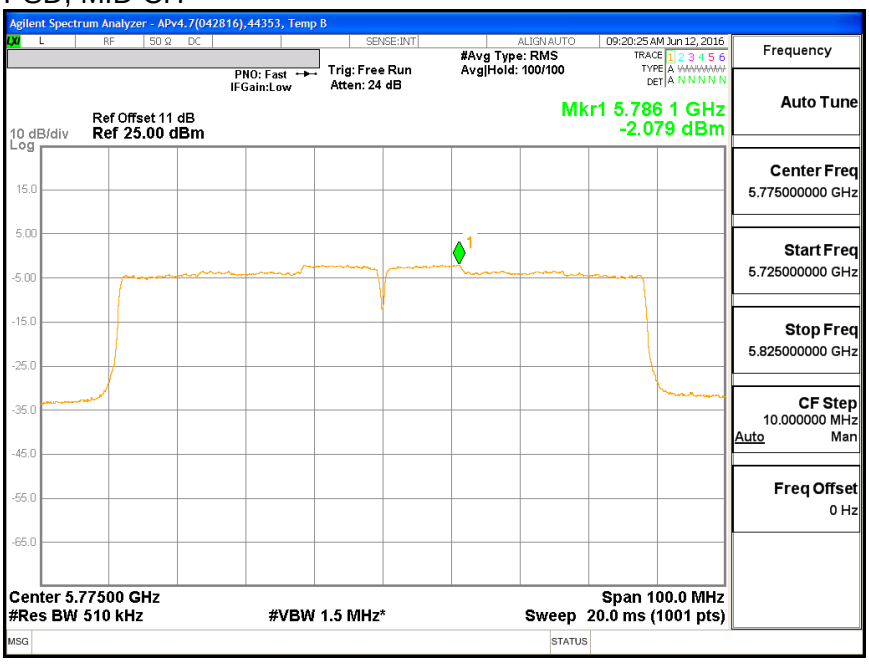
Duty Cycle CF (dB)	0.16	Included in Calculations of Corr'd PSD

PSD Results

Channel	Frequency (MHz)	Chain 1 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5775	-2.08	-1.92	30.00	-31.92

PSD

PSD, MID CH



7.42. 802.11ac VHT80 2Tx CDD MODE IN THE 5.8 GHz BAND

7.42.1. 6 dB BANDWIDTH

LIMITS

FCC §15.407 (e)

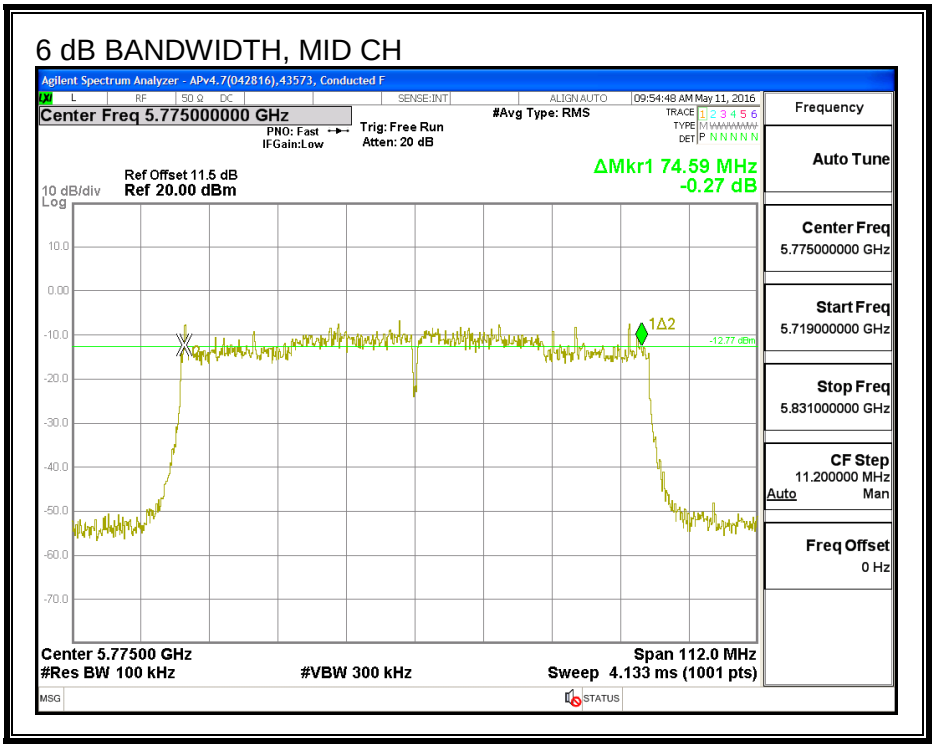
IC RSS-247 (6.2.4) (1)

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

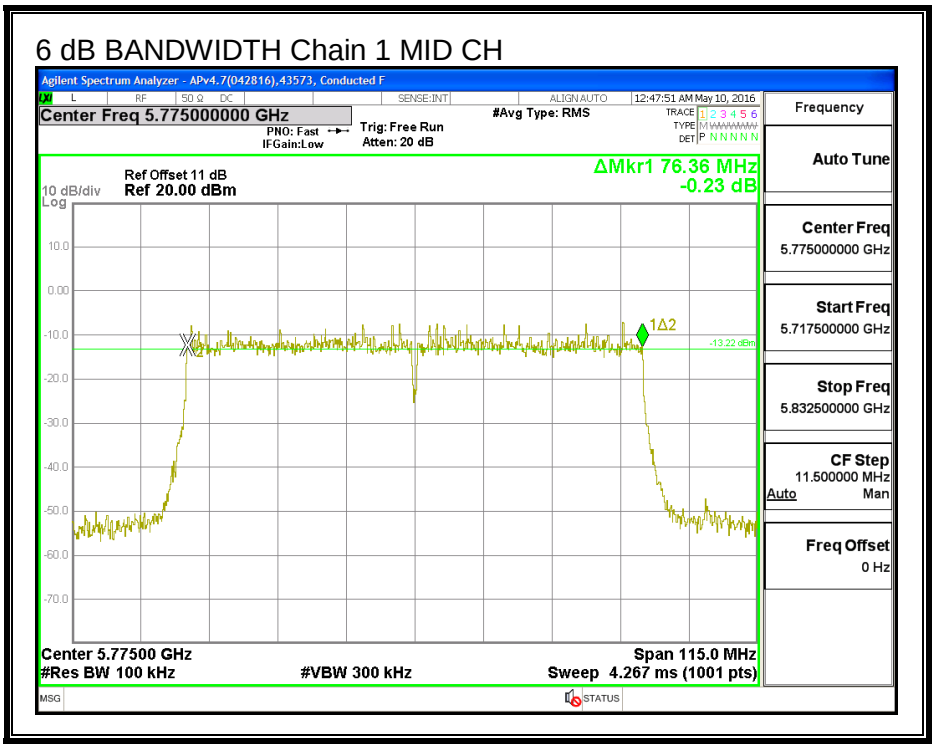
RESULTS

Channel	Frequency (MHz)	6 dB BW Chain 0 (MHz)	6 dB BW Chain 1 (MHz)	Minimum Limit (MHz)
Mid	5775	74.59	76.36	0.5

6 dB BANDWIDTH, CHAIN 0



6 DB BANDWIDTH, CHAIN 1



7.42.2. 26 dB BANDWIDTH

LIMITS

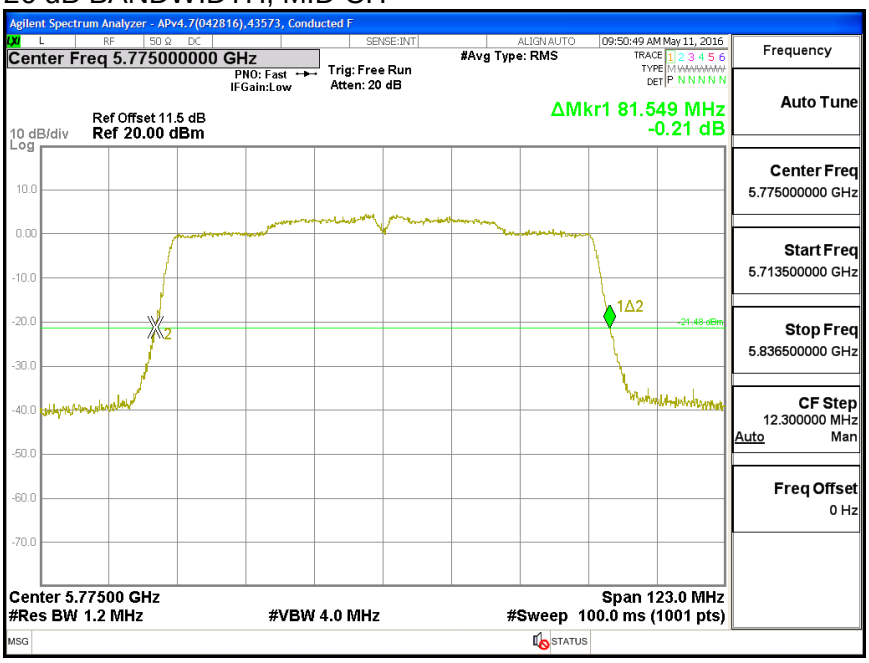
None, for reporting purposes only.

RESULTS

Channel	Frequency (MHz)	26 dB BW Chain 0 (MHz)	26 dB BW Chain 1 (MHz)
Mid	5775	81.55	82.46

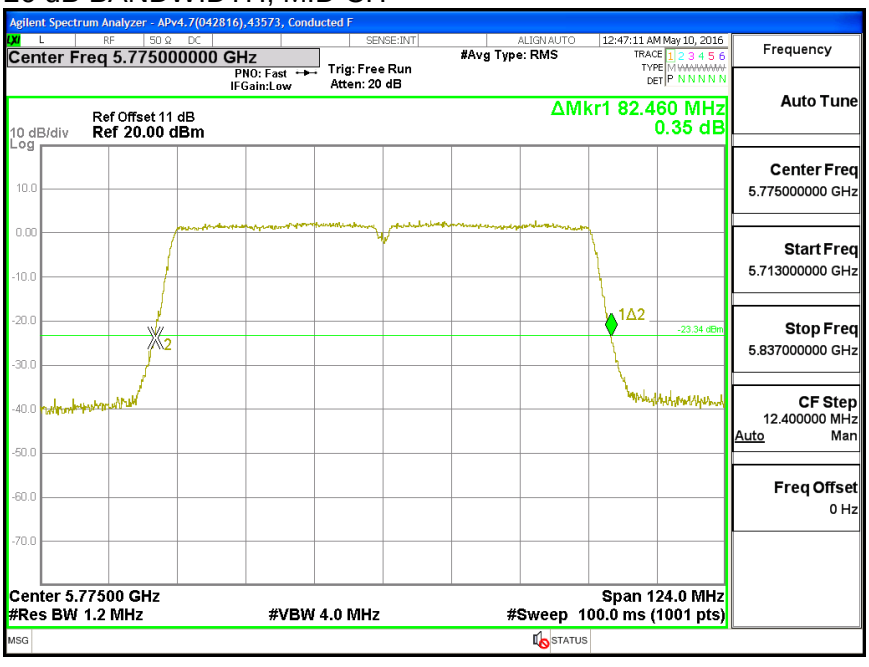
26 dB BANDWIDTH, CHAIN 0

26 dB BANDWIDTH, MID CH



26 dB BANDWIDTH, CHAIN 1

26 dB BANDWIDTH, MID CH



7.42.3. 99% BANDWIDTH

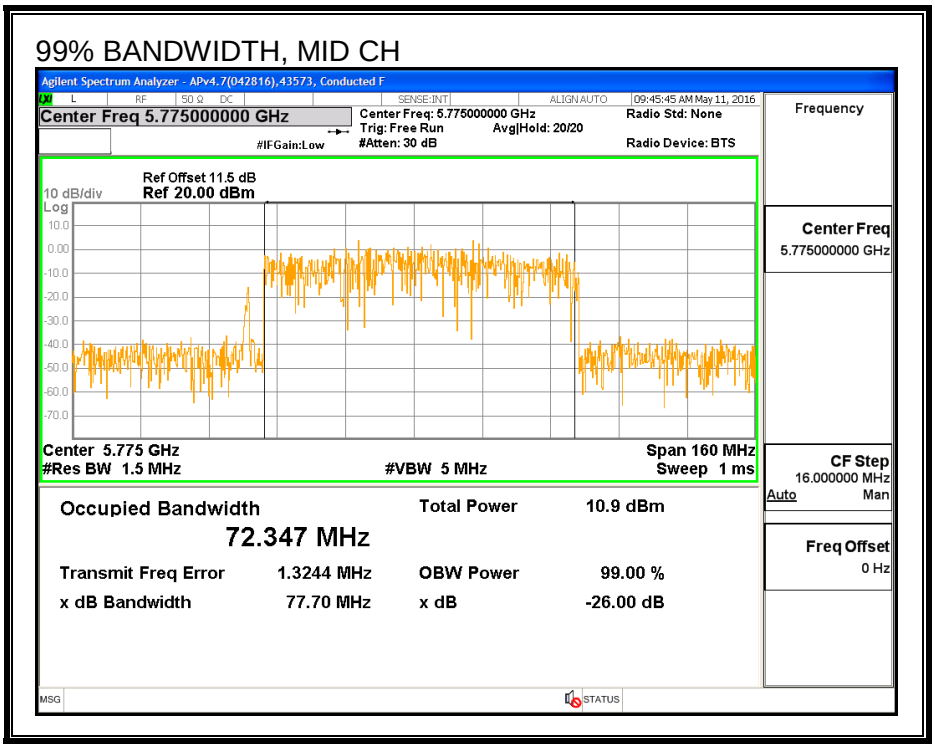
LIMITS

None; for reporting purposes only.

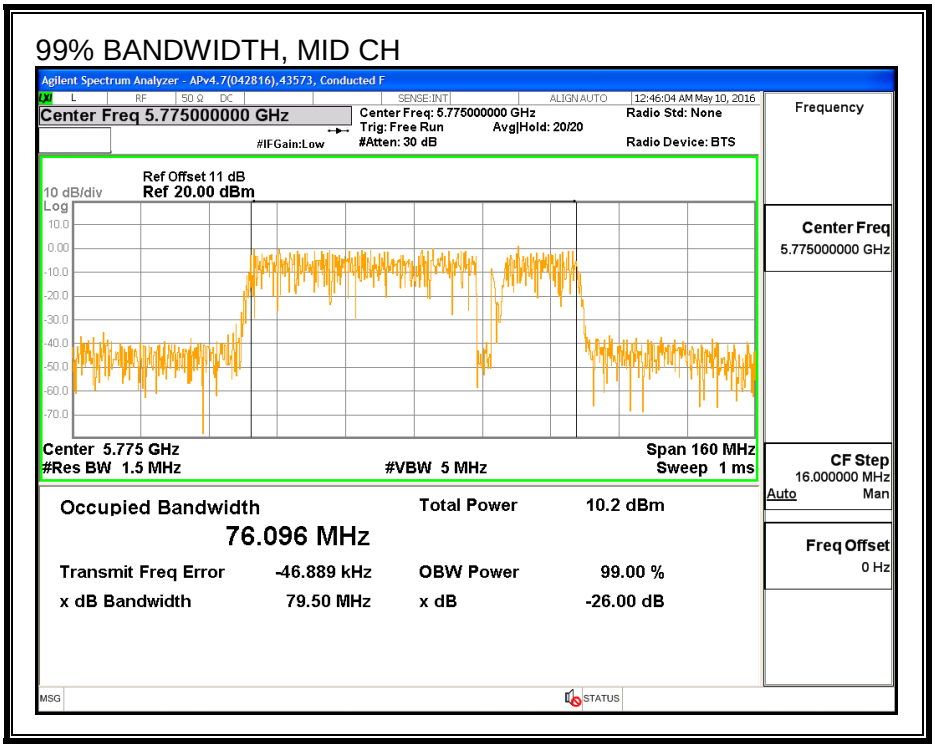
RESULTS

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Mid	5775	72.347	76.096

99% BANDWIDTH, CHAIN 0



99% BANDWIDTH, CHAIN 1



7.42.4. AVERAGE POWER

LIMITS

None; for reporting purposes only.

TEST PROCEDURE

Measurements perform using a wideband gated RF power meter.

RESULTS

ID:	43573	Date:	6/11/16

Channel	Frequency (MHz)	Chain 0 Power (dBm)	Chain 1 Power (dBm)	Total Power (dBm)
Mid	5775	16.82	18.46	20.73

7.42.5. OUTPUT POWER

LIMITS

FCC §15.407 (a) (3)

IC RSS-247 (6.2.4) (1)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

TEST PROCEDURE

Measurements perform using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

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)
-2.73	-5.52	-3.90

RESULTS

ID:	43573	Date:	6/11/16

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Mid	5775	-3.90	30.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	16.82	18.46	20.73	30.00	-9.27

7.42.6. PSD

LIMITS

FCC §15.407 (a) (3)

IC RSS-247 (6.2.4) (1)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density 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 correlated and the antenna gain is unequal among the chains. The directional gain is:

Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
-2.73	-5.52	-1.00

RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Mid	5775	-1.00	30.00

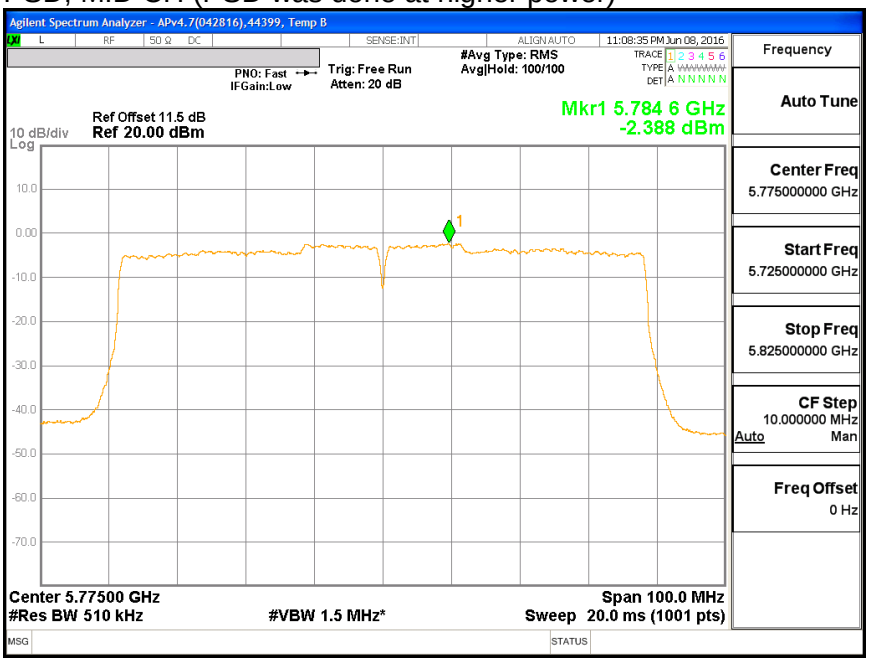
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5775	-2.39	-2.56	0.74	30.00	-29.26

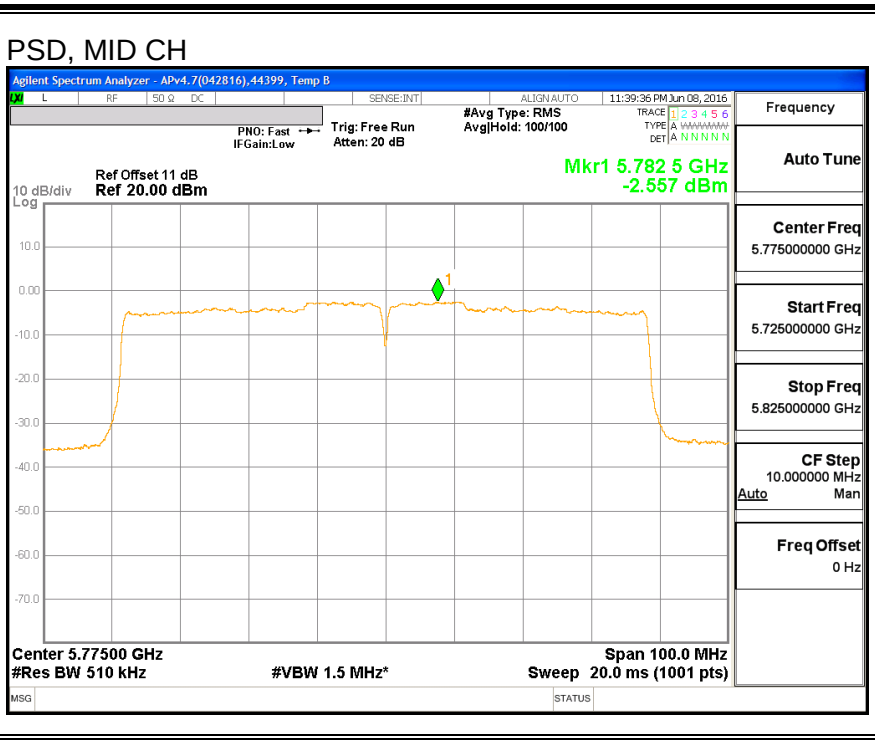
PSD, CHAIN 0

PSD, MID CH (PSD was done at higher power)



PSD, CHAIN 1

PSD, MID CH



8. RADIATED TEST RESULTS

8.1. LIMITS AND PROCEDURE

LIMITS

FCC §15.205 and §15.209

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

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

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

For pre-scans above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30KHz for peak measurements.

For final measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 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.

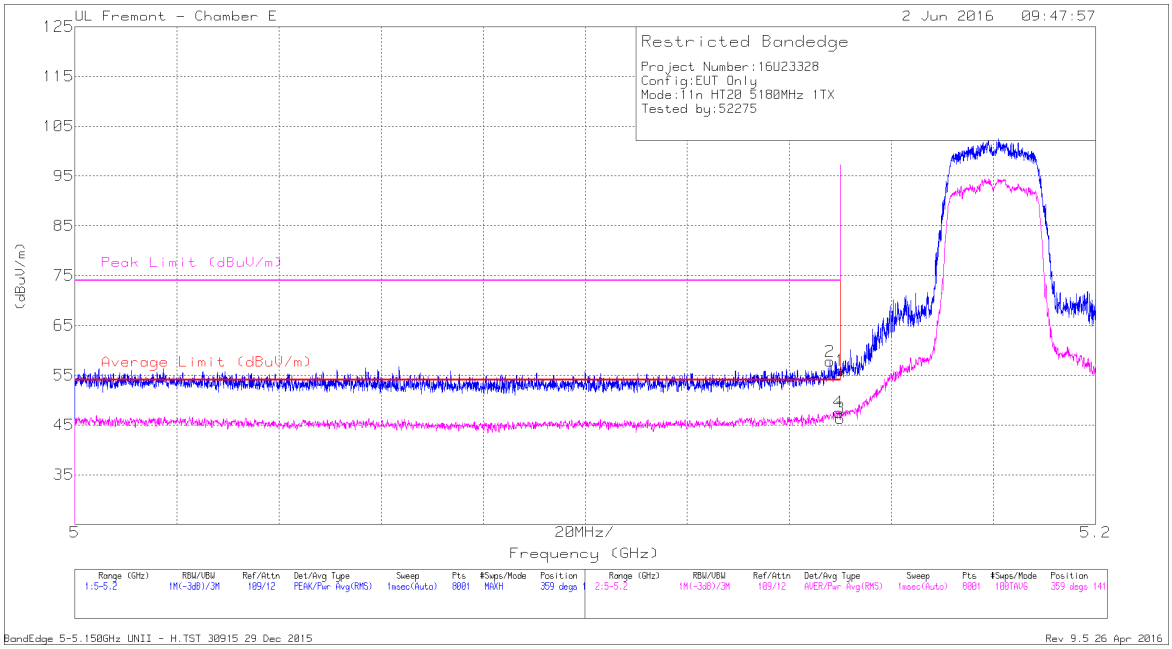
The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized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

Radiated emission were performed with the EUT set to transmit at the channel with highest output power as worst-case scenario.

8.2. 802.11n HT20 1Tx MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE, CHAIN 0 (LOW CHANNEL)

LOW CHANNEL HORIZONTAL PLOT

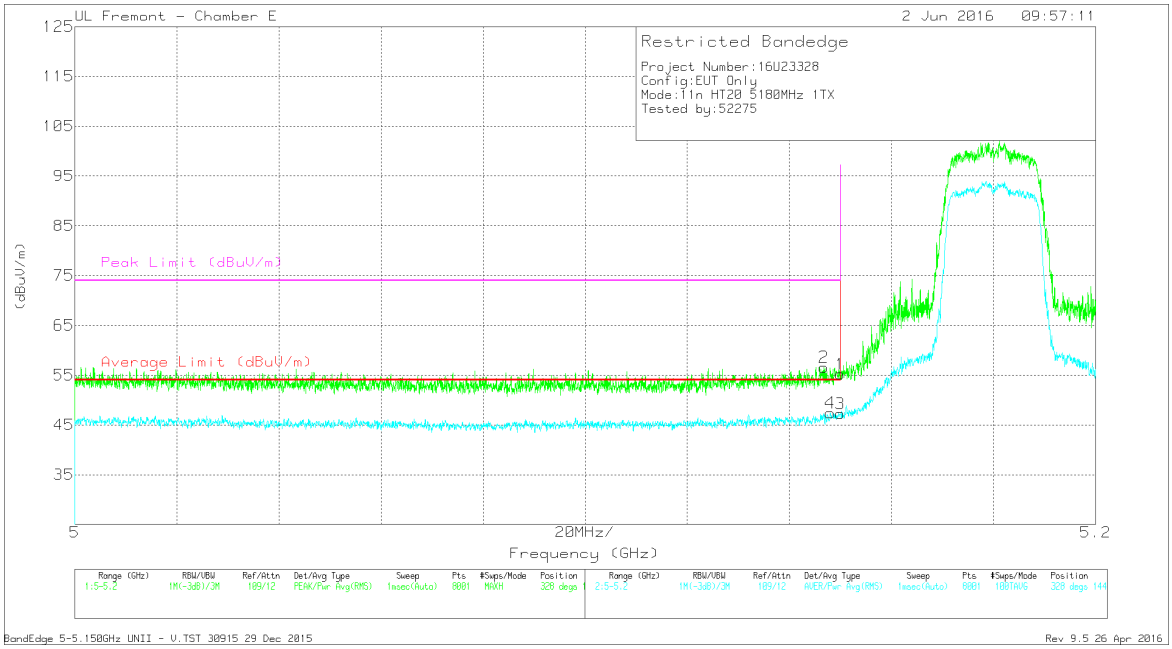


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT711 (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
2	* 5.148	42.59	Pk	34.1	-18.9	57.79	-	-	74	-16.21	359	141	H
4	* 5.15	32.48	RMS	34.1	-19	47.58	54	-6.42	-	-	359	141	H
1	5.15	40.86	Pk	34.1	-19	55.96	-	-	74	-18.04	359	141	H
3	5.15	31.24	RMS	34.1	-19	46.34	54	-7.66	-	-	359	141	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

LOW CHANNEL VERTICAL PLOT



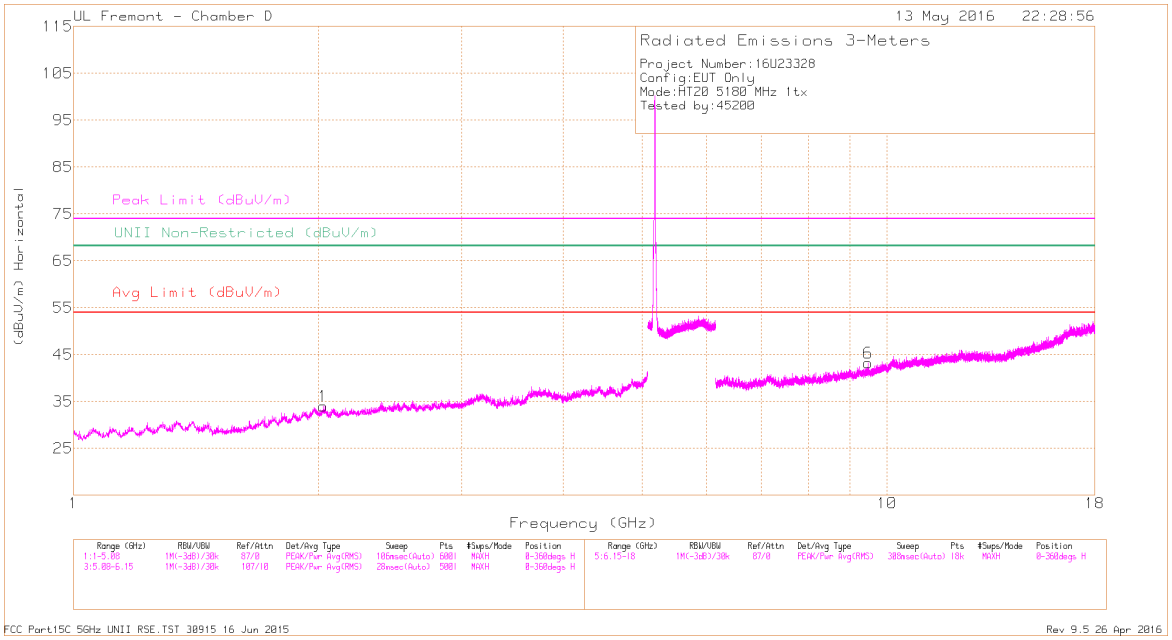
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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
2	* 5.147	41.38	Pk	34.1	-18.9	56.58	-	-	74	-17.42	328	144	V
4	* 5.148	32.23	RMS	34.1	-18.9	47.43	54	-6.57	-	-	328	144	V
1	5.15	40.12	Pk	34.1	-19	55.22	-	-	74	-18.78	328	144	V
3	5.15	32.14	RMS	34.1	-19	47.24	54	-6.76	-	-	328	144	V

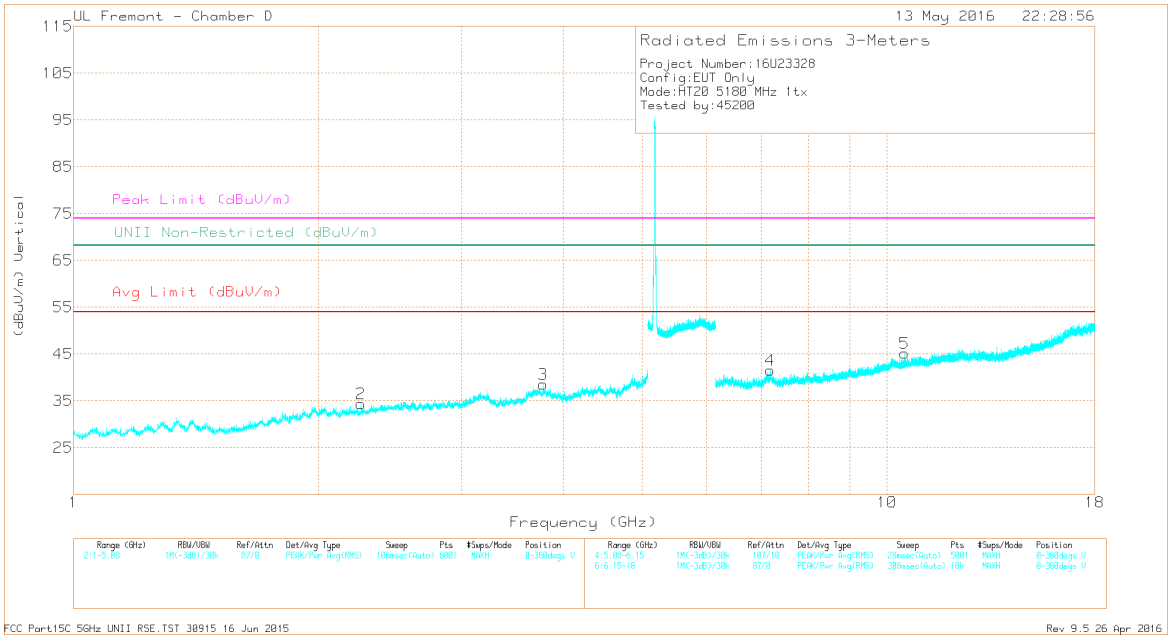
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL PLOT



LOW CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.254	39.3	PK-U	31.5	-30.7	40.1	-	-	74	-33.9	-	-	20	362	V
	* 2.254	29.15	ADR	31.5	-30.7	30.15	54	-23.85	-	-	-	-	20	362	V
3	* 3.78	38.13	PK-U	33.5	-28.5	43.13	-	-	74	-30.87	-	-	146	114	V
	* 3.78	27.57	ADR	33.5	-28.5	32.77	54	-21.23	-	-	-	-	146	114	V
6	* 9.47	33.18	PK-U	36.6	-21.3	48.48	-	-	74	-25.52	-	-	302	176	H
	* 9.467	22.99	ADR	36.6	-21.3	38.49	54	-15.51	-	-	-	-	302	176	H
1	2.028	39.46	PK-U	31.4	-30.4	40.46	-	-	-	-	68.2	-27.74	280	197	H
4	7.181	35.73	PK-U	35.7	-23.5	47.93	-	-	-	-	68.2	-20.27	173	268	V
5	10.51	33.61	PK-U	37.7	-21.2	50.11	-	-	-	-	68.2	-18.09	60	151	V

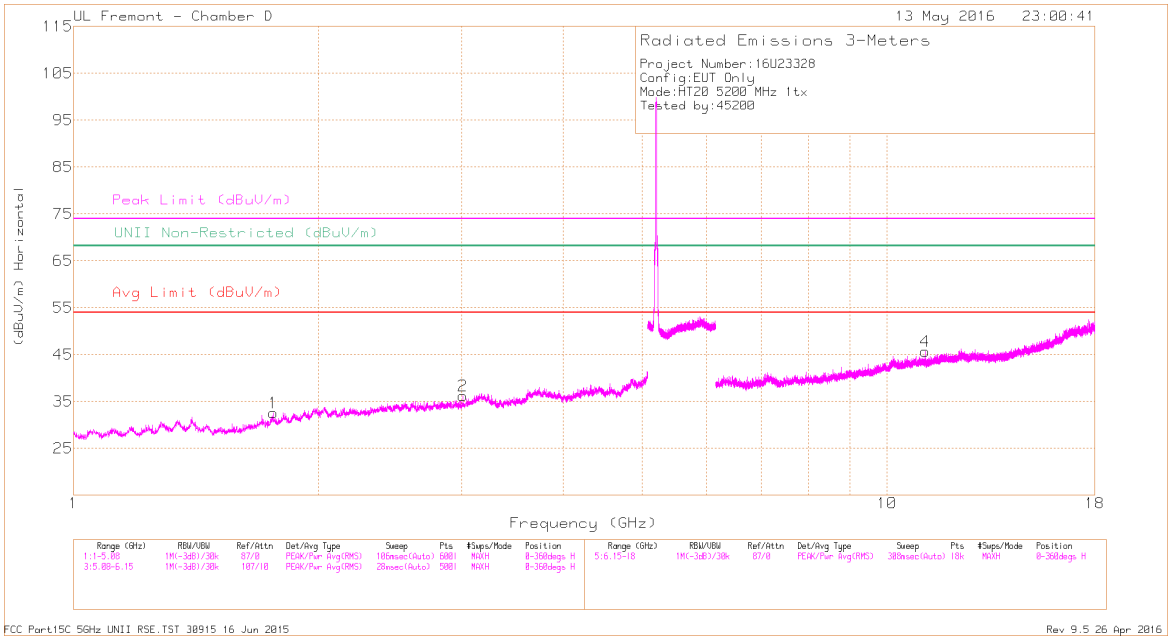
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

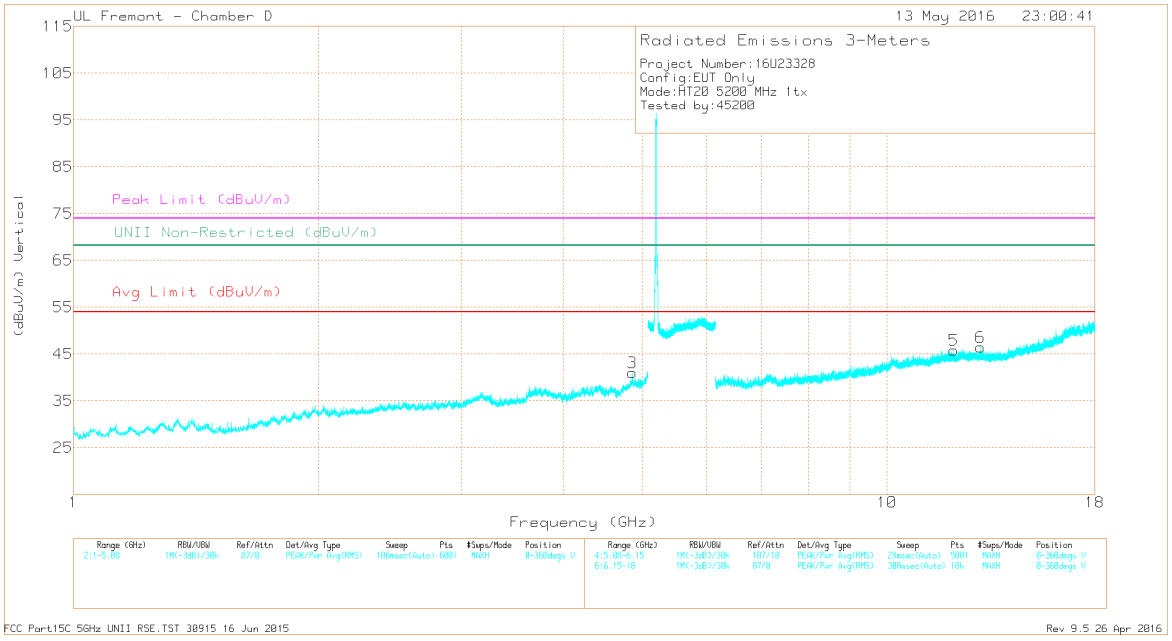
ADR - U-NII AD primary method, RMS average

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL HORIZONTAL PLOT



MID CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 4.864	36.62	PK-U	34.1	-25.2	45.52	-	-	74	-28.48	-	-	276	211	V
	* 4.863	26.58	ADR	34.1	-25.2	35.68	54	-18.32	-	-	-	-	276	211	V
4	* 11.132	33.51	PK-U	38.1	-21.3	50.31	-	-	74	-23.69	-	-	154	165	H
	* 11.131	23.59	ADR	38.1	-21.3	40.59	54	-13.41	-	-	-	-	154	165	H
5	* 12.074	33.7	PK-U	39	-21.4	51.3	-	-	74	-22.7	-	-	216	351	V
	* 12.071	23.9	ADR	39	-21.4	41.7	54	-12.3	-	-	-	-	216	351	V
1	1.761	40.4	PK-U	29.7	-30.8	39.3	-	-	-	-	68.2	-28.9	80	119	H
2	3.012	39.28	PK-U	32.7	-30.1	41.88	-	-	-	-	68.2	-26.32	140	285	H
6	13.03	34.33	PK-U	39.1	-21.6	51.83	-	-	-	-	68.2	-16.37	31	213	V

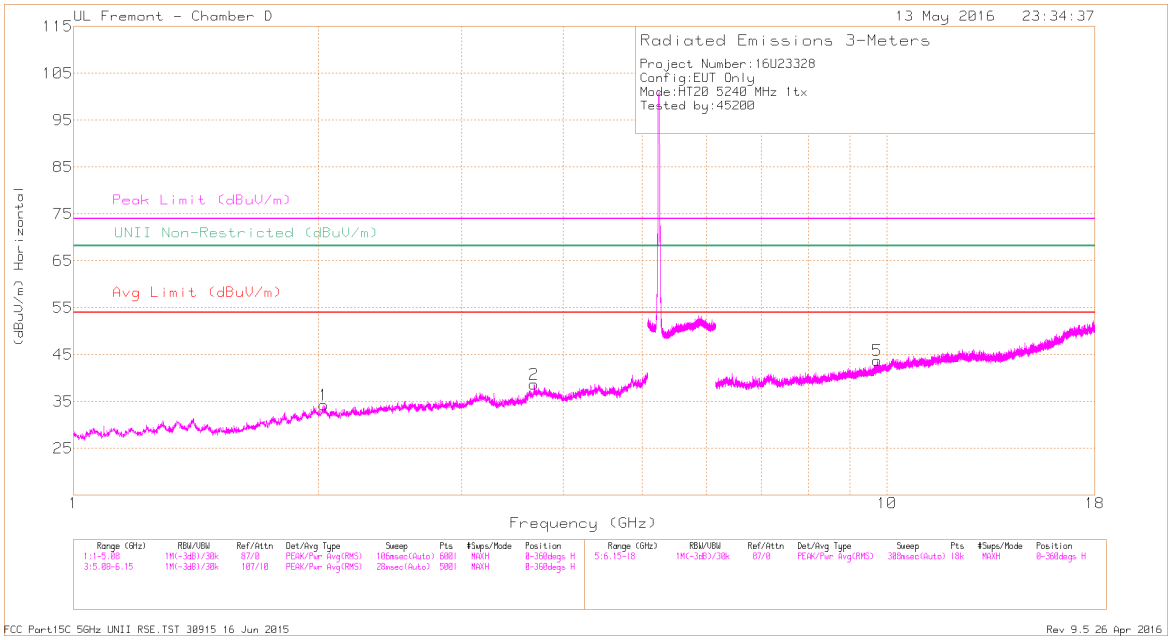
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

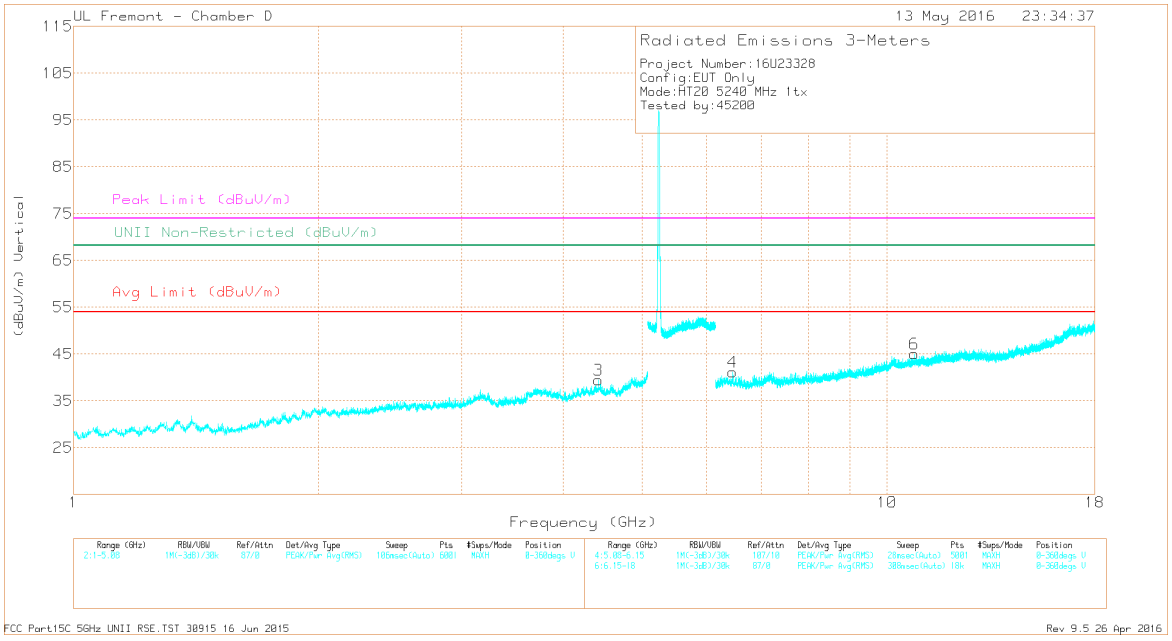
ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.683	39.24	PK-U	33.5	-28.9	43.84	-	-	74	-30.16	-	-	5	198	H
	* 3.682	27.54	ADR	33.5	-28.9	32.34	54	-21.66	-	-	-	-	5	198	H
6	* 10.806	32.91	PK-U	37.9	-20.6	50.21	-	-	74	-23.79	-	-	37	335	V
	* 10.808	22.54	ADR	37.9	-20.6	40.04	54	-13.96	-	-	-	-	37	335	V
1	2.029	40.06	PK-U	31.4	-30.4	41.06	-	-	-	-	68.2	-27.14	154	199	H
3	4.417	37.96	PK-U	33.9	-27.1	44.76	-	-	-	-	68.2	-23.44	28	322	V
4	6.453	36.15	PK-U	35.7	-25.6	46.25	-	-	-	-	68.2	-21.95	8	359	V
5	9.715	33.9	PK-U	36.8	-21.7	49	-	-	-	-	68.2	-19.2	360	112	H

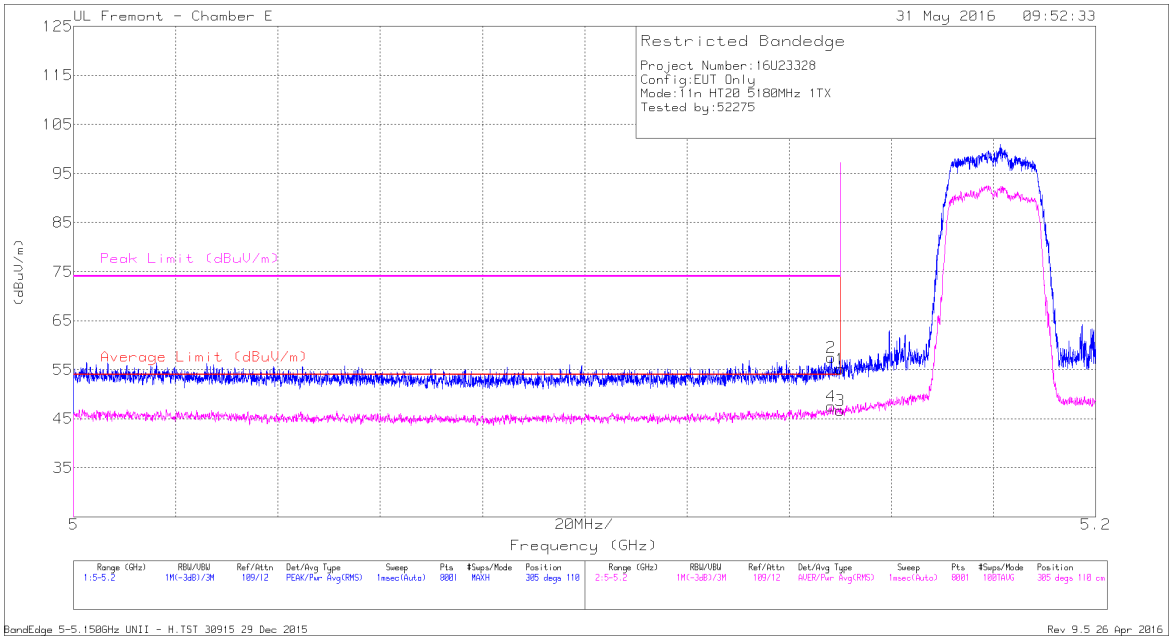
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

RESTRICTED BANDEDGE, CHAIN 1 (LOW CHANNEL)

LOW CHANNEL HORIZONTAL PLOT

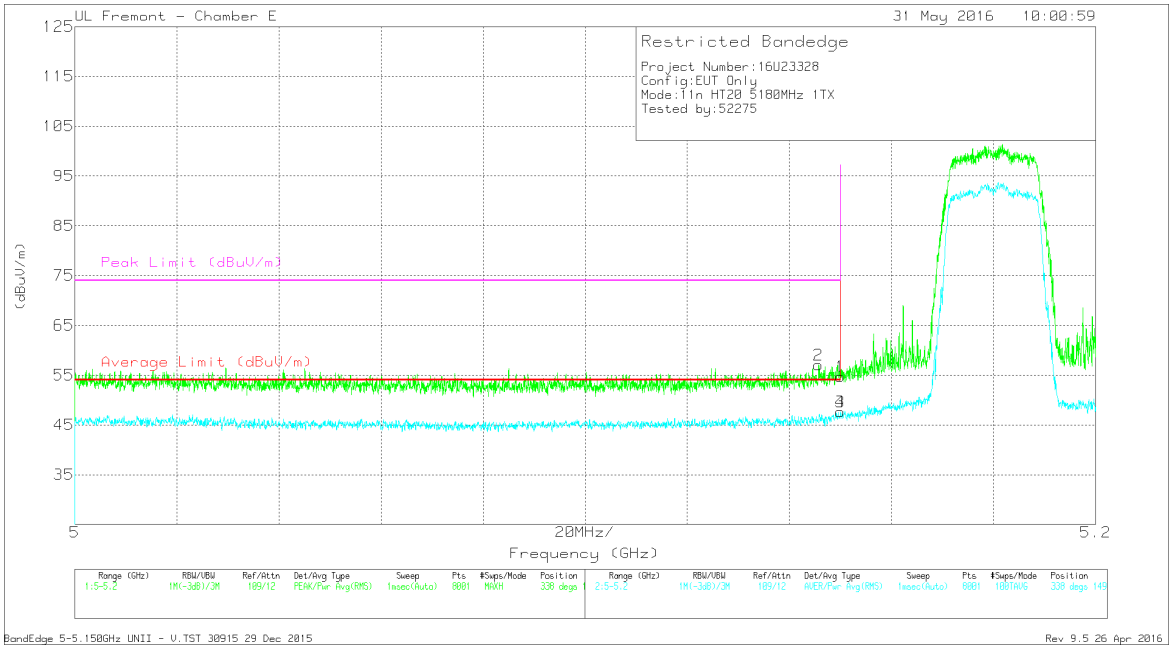


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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
2	* 5.148	42.28	Pk	34.1	-18.9	57.48	-	-	74	-16.52	305	110	H
4	* 5.148	32.4	RMS	34.1	-18.9	47.6	54	-6.4	-	-	305	110	H
1	5.15	39.98	Pk	34.1	-19	55.08	-	-	74	-18.92	305	110	H
3	5.15	31.59	RMS	34.1	-19	46.69	54	-7.31	-	-	305	110	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

LOW CHANNEL VERTICAL PLOT



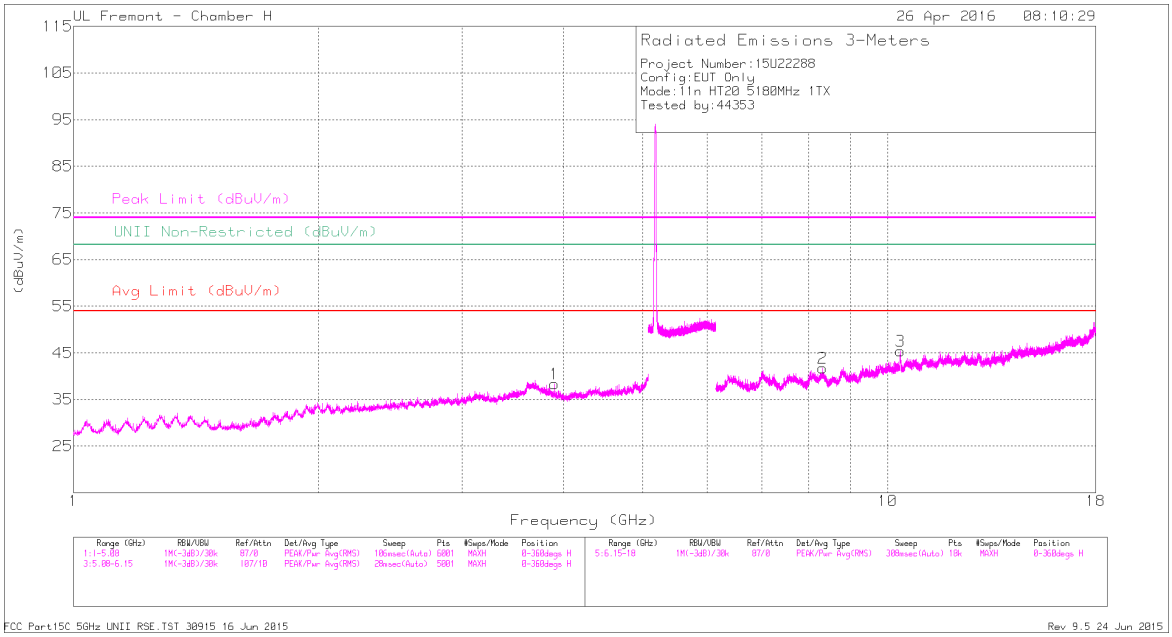
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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
2	* 5.146	41.83	Pk	34.1	-18.9	57.03	-	-	74	-16.97	338	149	V
4	* 5.15	32.52	RMS	34.1	-19	47.62	54	-6.38	-	-	338	149	V
1	5.15	39.6	Pk	34.1	-19	54.7	-	-	74	-19.3	338	149	V
3	5.15	32.53	RMS	34.1	-19	47.63	54	-6.37	-	-	338	149	V

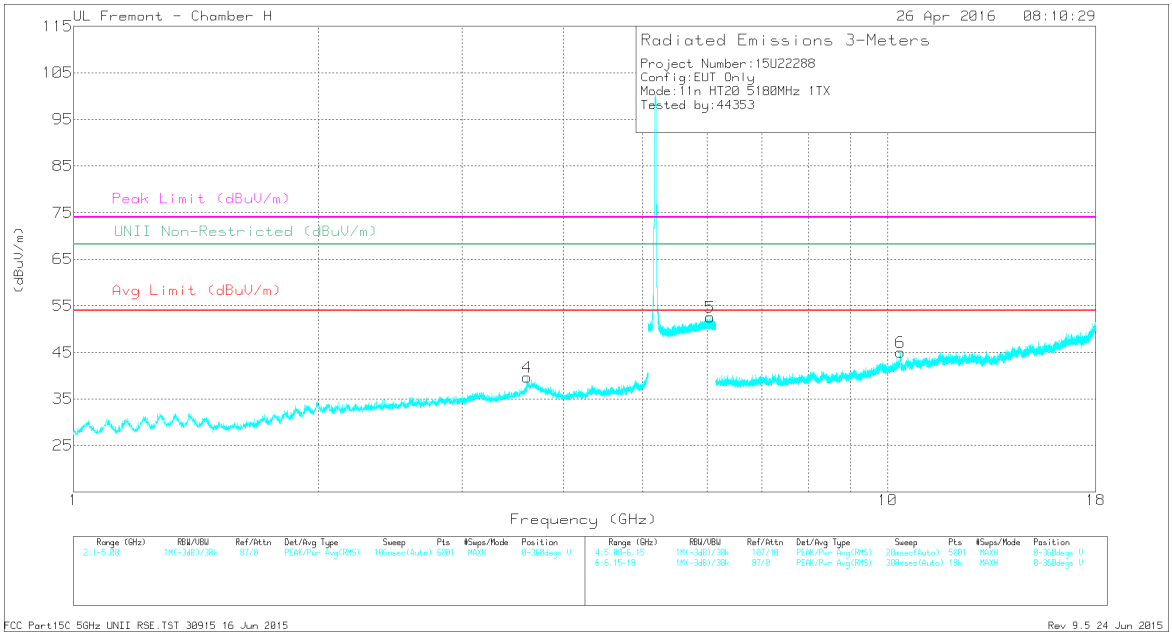
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS

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)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.897	39.33	PK-U	33.6	-28.6	44.33	-	-	74	-29.67	-	-	1	202	H
	* 3.895	27.98	ADR	33.6	-28.6	32.98	54	-21.02	-	-	-	-	1	202	H
4	* 3.61	39.25	PK-U	34.9	-28.7	45.45	-	-	74	-28.55	-	-	1	100	V
	* 3.608	27.86	ADR	34.9	-28.7	34.06	54	-19.94	-	-	-	-	1	100	V
2	* 8.315	34.74	PK-U	35.9	-23.1	47.54	-	-	74	-26.46	-	-	1	100	H
	* 8.313	23.83	ADR	35.9	-23.1	36.63	54	-17.37	-	-	-	-	1	100	H
5	6.055	41.3	PK-U	35.4	-18.1	58.6	-	-	-	-	68.2	-9.6	1	201	V
6	10.362	39.82	PK-U	37.7	-21.9	55.62	-	-	-	-	68.2	-12.58	171	207	V
3	10.363	42.2	PK-U	37.7	-21.9	58	-	-	-	-	68.2	-10.2	202	120	H

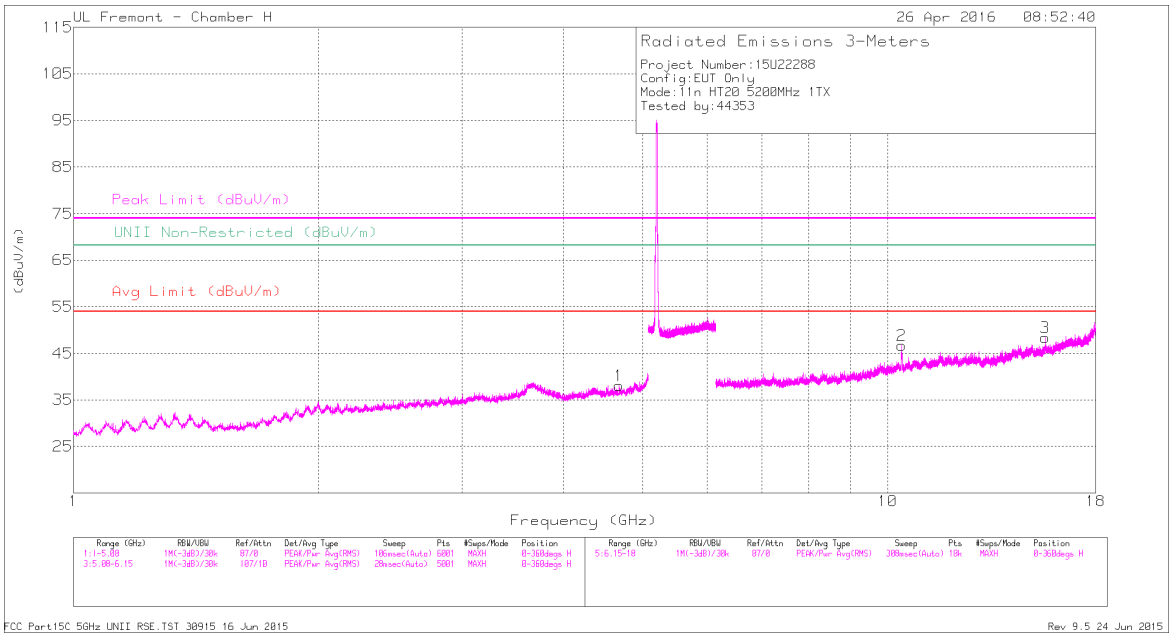
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

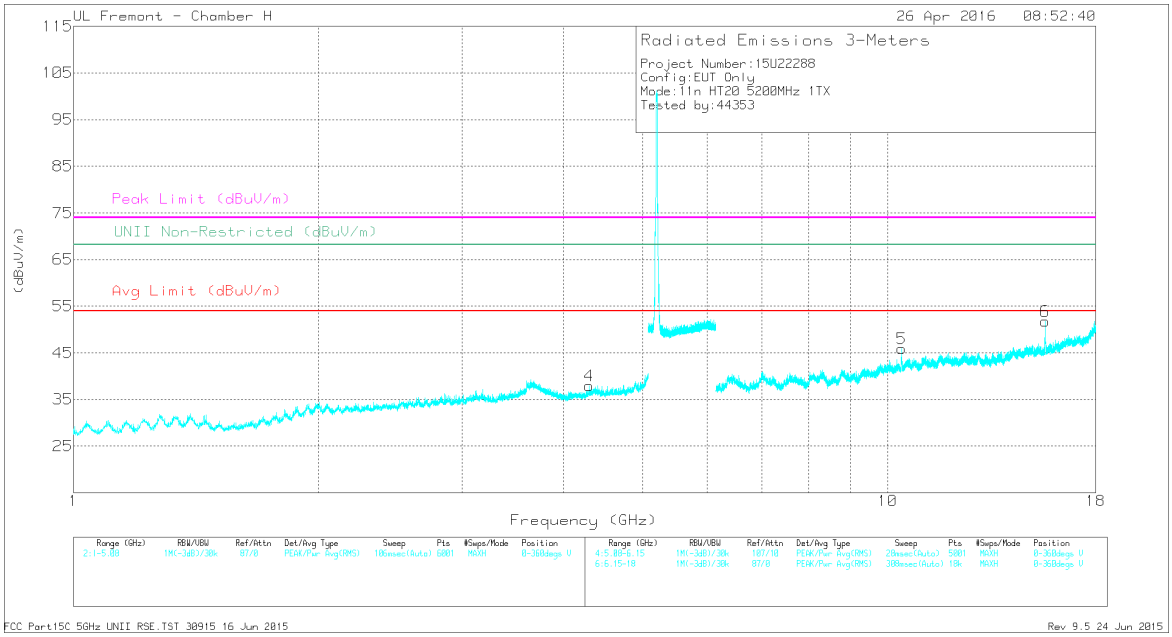
ADR - U-NII AD primary method, RMS average

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL HORIZONTAL PLOT



MID 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)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.676	39	PK-U	34	-28	45	-	-	74	-29	-	-	1	202	H
	* 4.676	27.5	ADR	34	-28	33.5	54	-20.5	-	-	-	-	1	202	H
4	* 4.301	38.5	PK-U	33.4	-27.3	44.6	-	-	74	-29.4	-	-	1	202	V
	* 4.299	26.73	ADR	33.4	-27.3	32.83	54	-21.17	-	-	-	-	1	202	V
3	* 15.596	35.24	PK-U	40.3	-20.1	55.44	-	-	74	-18.56	-	-	273	246	H
	* 15.6	23.66	ADR	40.3	-20	43.96	54	-10.04	-	-	-	-	273	246	H
6	* 15.608	38.26	PK-U	40.3	-20	58.56	-	-	74	-15.44	-	-	251	107	V
	* 15.6	26.73	ADR	40.3	-20	47.03	54	-6.97	-	-	-	-	251	107	V
2	10.401	40.73	PK-U	37.7	-22	56.43	-	-	-	-	68.2	-11.77	259	165	V
5	10.403	42.63	PK-U	37.7	-22	58.33	-	-	-	-	68.2	-9.87	193	133	H

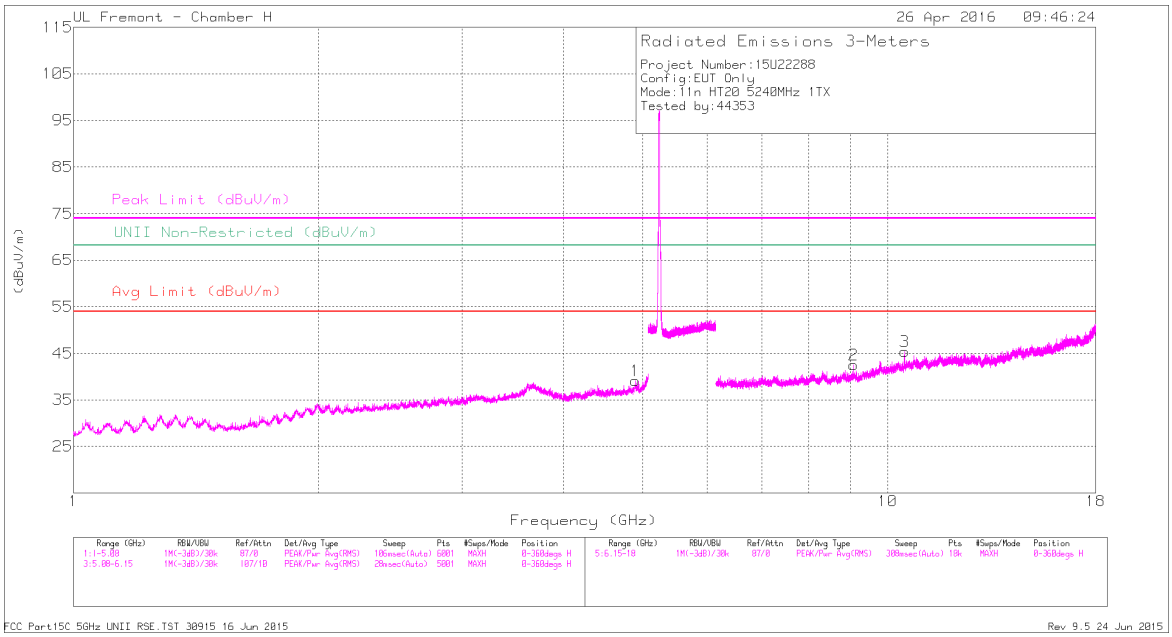
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

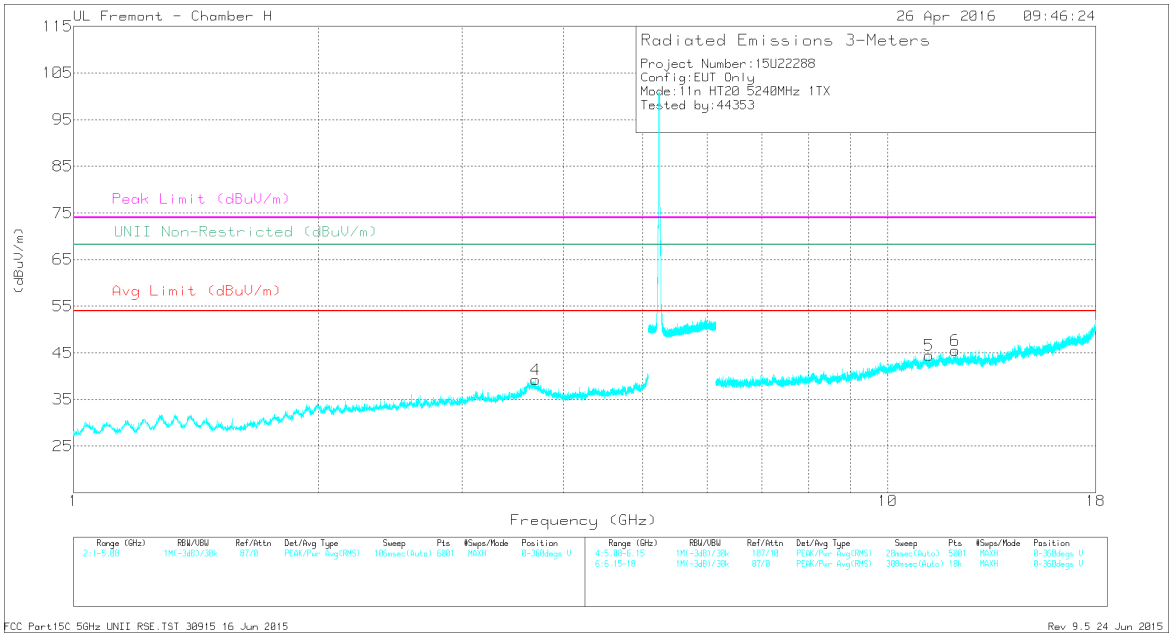
ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL HORIZONTAL PLOT



HIGH 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)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.898	39.03	PK-U	34	-27	46.03	-	-	74	-27.97	-	-	360	100	H
	* 4.897	27.73	ADR	34	-27	34.73	54	-19.27	-	-	-	-	360	100	H
4	* 3.698	38.94	PK-U	34.9	-28.3	45.54	-	-	74	-28.46	-	-	360	201	V
	* 3.696	27.52	ADR	34.9	-28.3	34.12	54	-19.88	-	-	-	-	360	201	V
2	* 9.082	35.76	PK-U	36.3	-23.1	48.96	-	-	74	-25.04	-	-	360	100	H
	* 9.084	23.94	ADR	36.3	-23.1	37.14	54	-16.86	-	-	-	-	360	100	H
5	* 11.241	33.99	PK-U	38.5	-22	50.49	-	-	74	-23.51	-	-	360	100	V
	* 11.241	22.98	ADR	38.5	-22	39.48	54	-14.52	-	-	-	-	360	100	V
6	* 12.107	33.37	PK-U	39.3	-21.3	51.37	-	-	74	-22.63	-	-	360	100	V
	* 12.108	22.25	ADR	39.3	-21.3	40.25	54	-13.75	-	-	-	-	360	100	V
3	10.485	34.4	PK-U	37.7	-22.2	49.9	-	-	-	-	68.2	-18.3	360	202	H

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

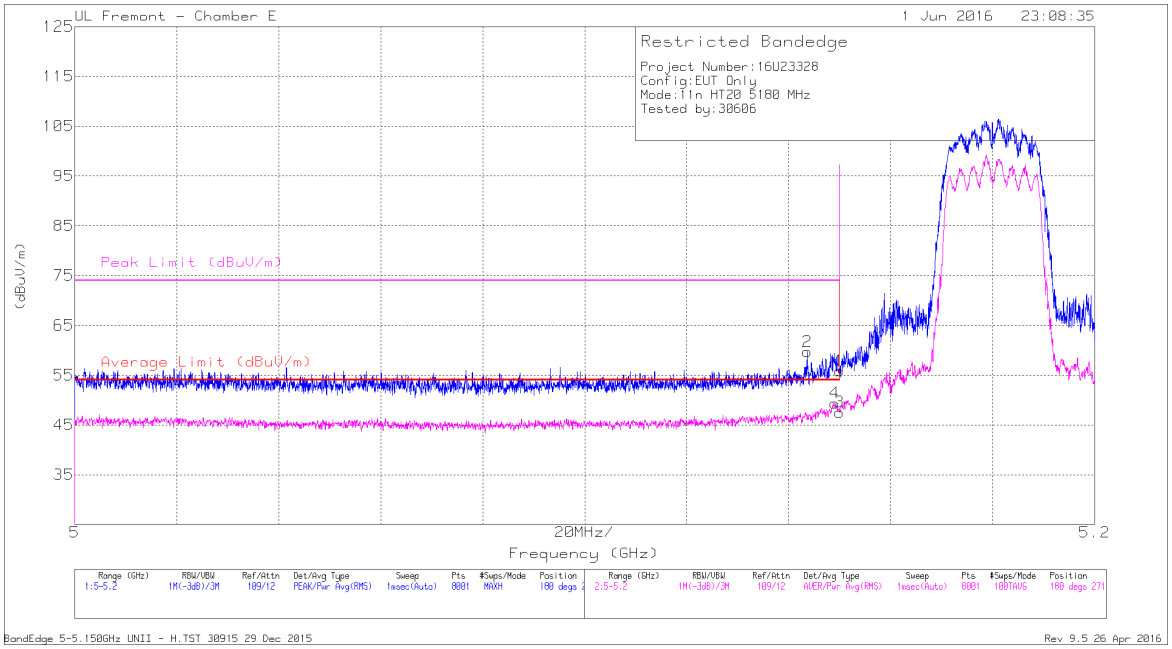
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

8.3. 802.11n HT20 2Tx CDD MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

LOW CHANNEL HORIZONTAL PLOT

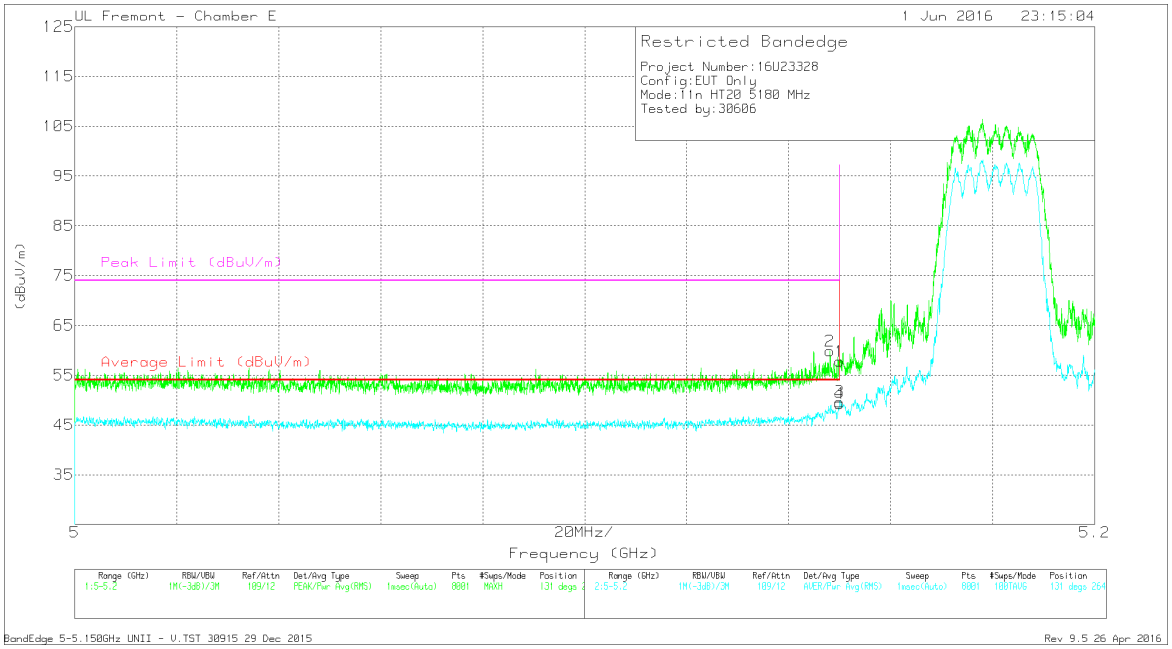


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.144	44.51	Pk	34.1	-18.9	0	59.71	-	-	74	-14.29	180	271	H
4	* 5.149	34.21	RMS	34.1	-18.9	0	49.41	54	-4.59	-	-	180	271	H
1	5.15	40.75	Pk	34.1	-19	0	55.85	-	-	74	-18.15	180	271	H
3	5.15	32.48	RMS	34.1	-19	0	47.58	54	-6.42	-	-	180	271	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

LOW CHANNEL VERTICAL PLOT



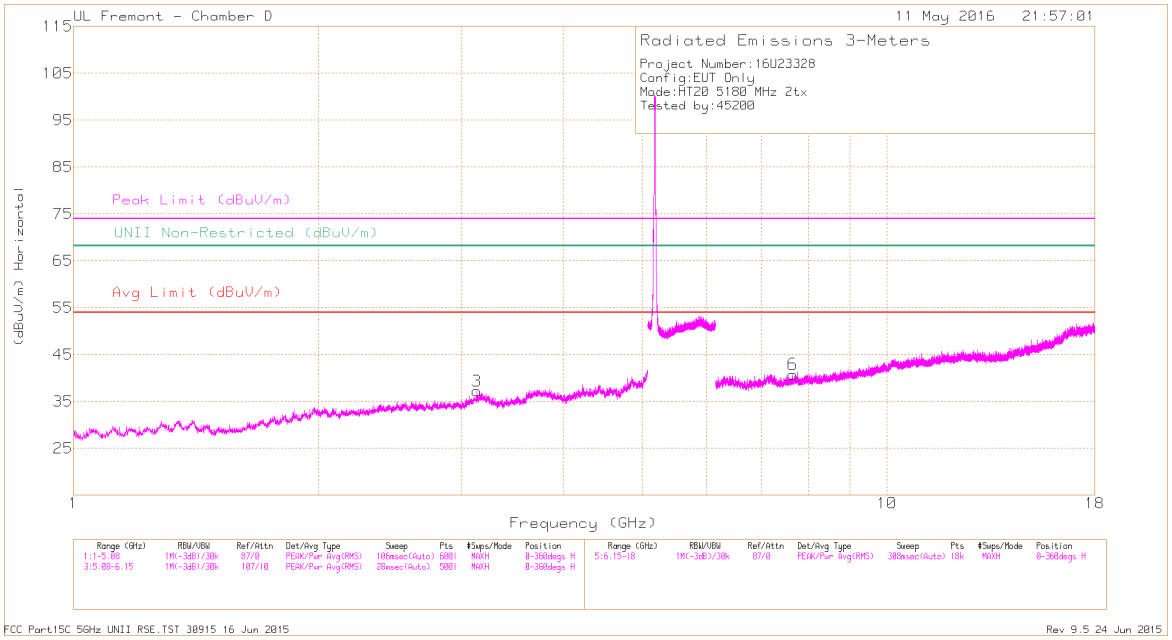
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.148	44.66	Pk	34.1	-18.9	0	59.86	-	-	74	-14.14	131	264	V
4	* 5.15	34.21	RMS	34.1	-19	0	49.31	54	-4.69	-	-	131	264	V
1	5.15	42.69	Pk	34.1	-19	0	57.79	-	-	74	-16.21	131	264	V
3	5.15	34.53	RMS	34.1	-19	0	49.63	54	-4.37	-	-	131	264	V

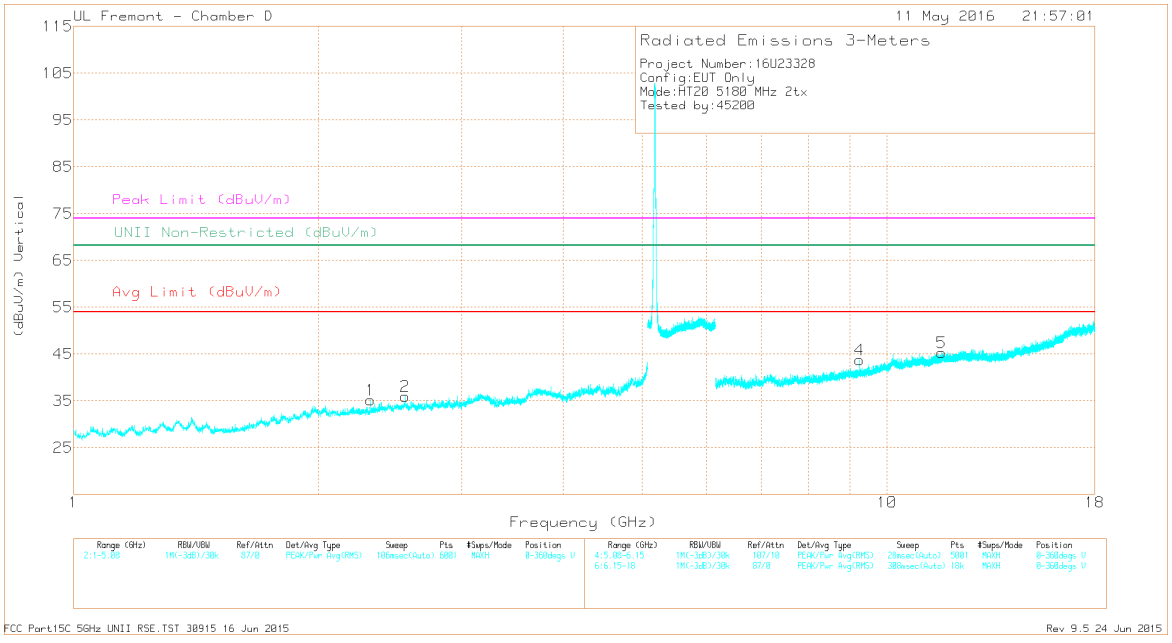
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL PLOT



LOW CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr /Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.316	39.9	PK-U	31.5	-30.4	41	-	-	74	-33	-	-	151	133	V
	* 2.316	27.82	ADR	31.5	-30.4	28.92	54	-25.08	-	-	-	-	151	133	V
6	* 7.658	37.07	PK-U	35.8	-24.8	48.07	-	-	74	-25.93	-	-	141	292	H
	* 7.653	24.34	ADR	35.8	-24.8	35.34	54	-18.66	-	-	-	-	141	292	H
5	* 11.664	33.69	PK-U	38.6	-20.5	51.79	-	-	74	-22.21	-	-	32	142	V
	* 11.663	22.1	ADR	38.6	-20.5	40.2	54	-13.8	-	-	-	-	32	142	V
2	2.558	40.34	PK-U	32.2	-29.6	42.94	-	-	-	-	68.2	-25.26	193	272	V
3	3.132	38.9	PK-U	33.4	-28.5	43.8	-	-	-	-	68.2	-24.4	358	253	H
4	9.258	33.78	PK-U	36.3	-21.4	48.68	-	-	-	-	68.2	-19.52	335	114	V

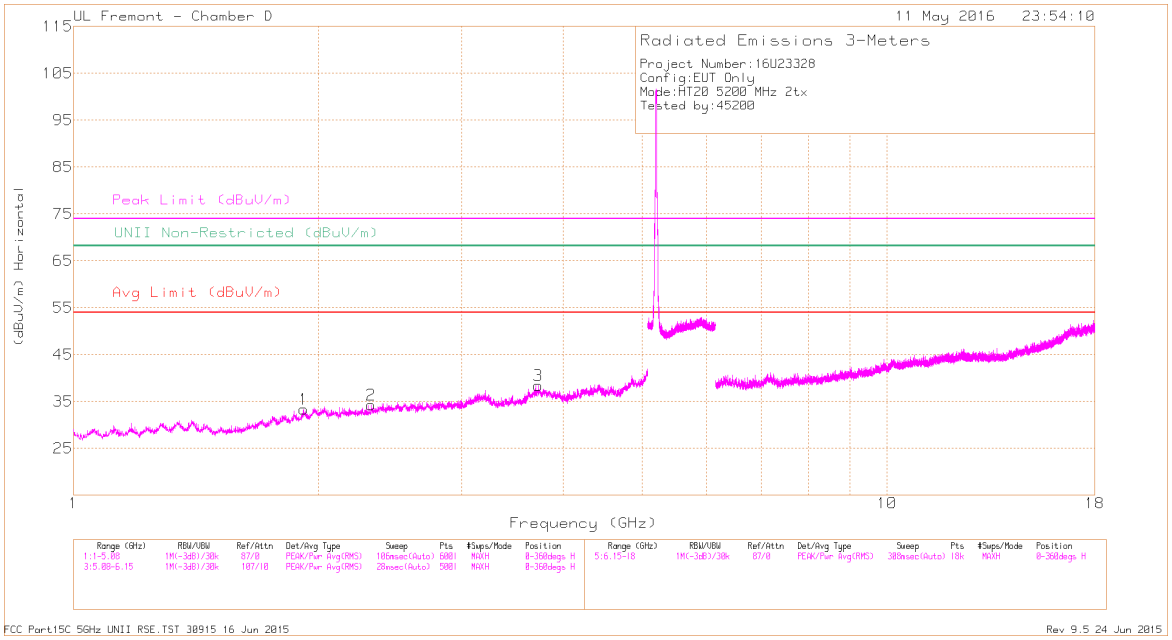
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

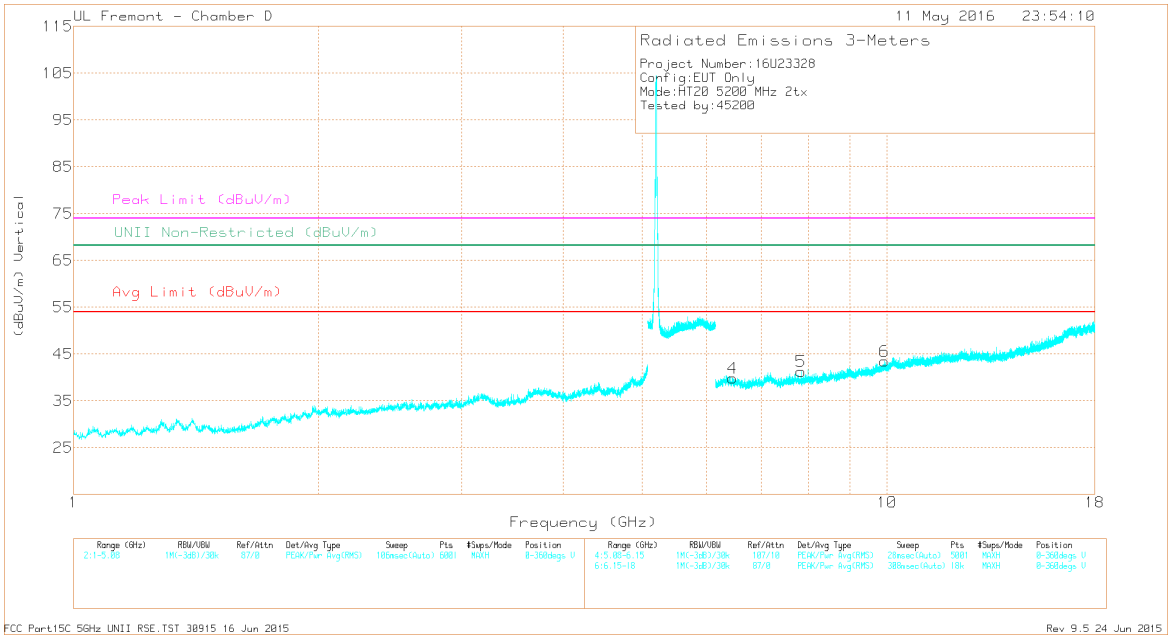
ADR - U-NII AD primary method, RMS average

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL HORIZONTAL PLOT



MID CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr /Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.323	40.07	PK-U	31.6	-30.3	41.37	-	-	74	-32.63	-	-	113	158	H
	* 2.321	28.27	ADR	31.6	-30.4	29.47	54	-24.53	-	-	-	-	113	158	H
3	* 3.728	38.78	PK-U	33.5	-28.9	43.38	-	-	74	-30.62	-	-	226	241	H
	* 3.727	27.55	ADR	33.5	-28.9	32.15	54	-21.85	-	-	-	-	226	241	H
1	1.918	40.96	PK-U	31	-31.1	40.86	-	-	-	-	68.2	-27.34	174	150	H
4	6.458	37.37	PK-U	35.6	-25.4	47.57	-	-	-	-	68.2	-20.63	300	213	V
5	7.837	35.83	PK-U	35.9	-24.4	47.33	-	-	-	-	68.2	-20.87	229	233	V
6	9.922	33.63	PK-U	37.1	-21	49.73	-	-	-	-	68.2	-18.47	267	203	V

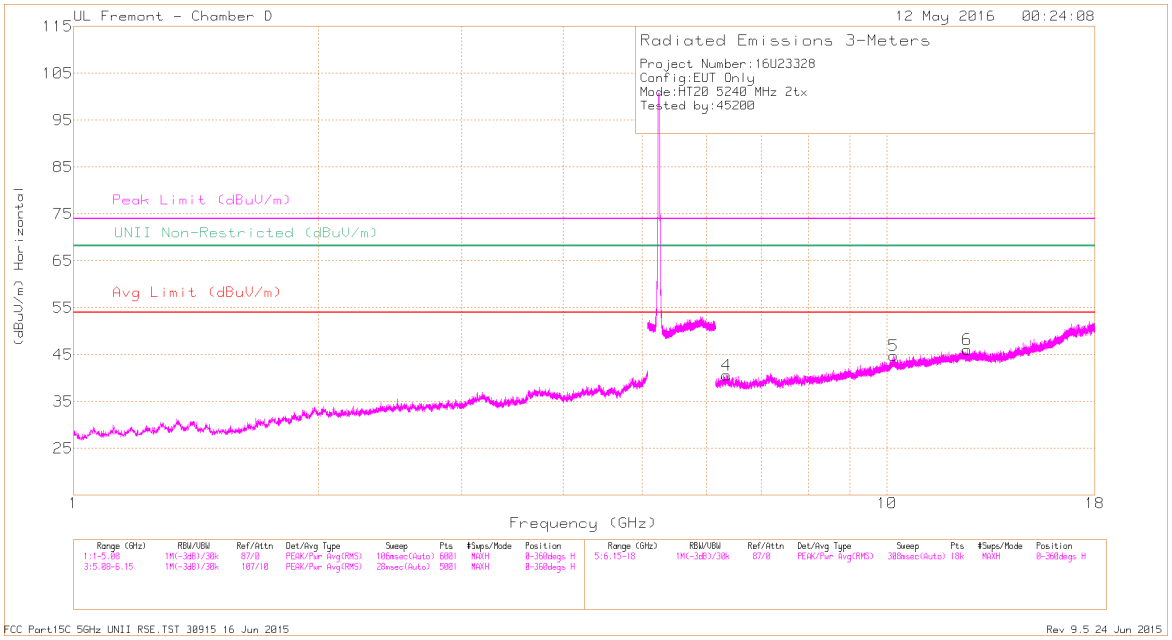
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

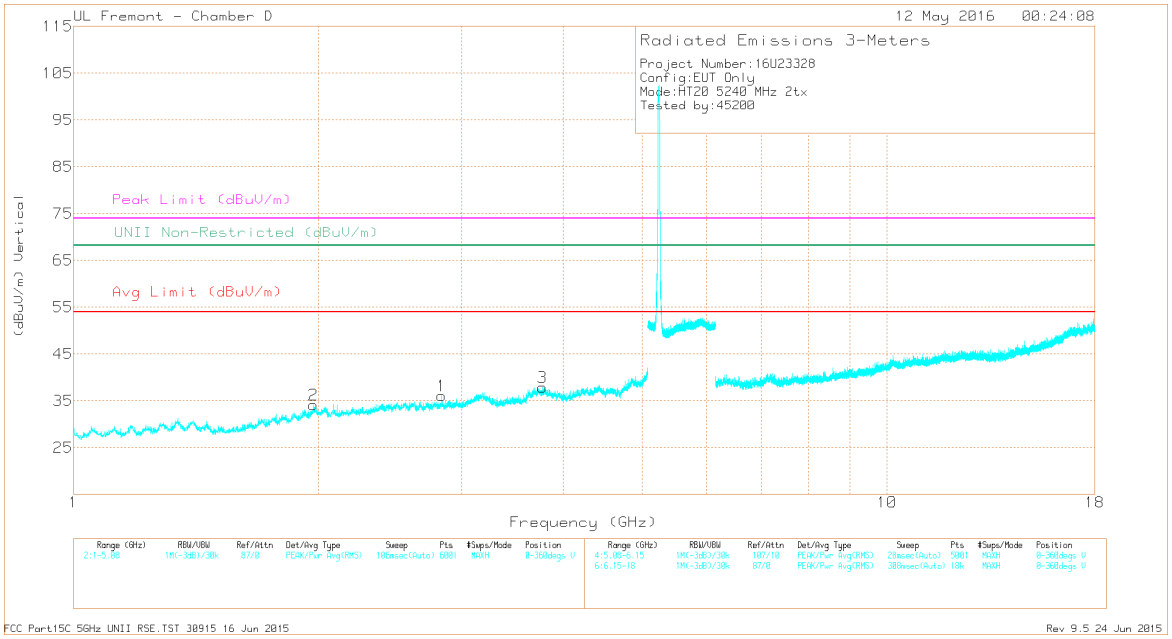
ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr /Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.834	39.43	PK-U	32.3	-29.1	42.63	-	-	74	-31.37	-	-	77	273	V
	* 2.836	27.24	ADR	32.3	-29.1	30.44	54	-23.56	-	-	-	-	77	273	V
3	* 3.772	38.78	PK-U	33.5	-28.6	43.68	-	-	74	-30.32	-	-	207	352	V
	* 3.774	26.68	ADR	33.5	-28.6	31.58	54	-22.42	-	-	-	-	207	352	V
6	* 12.547	35.43	PK-U	39.1	-21.7	52.83	-	-	74	-21.17	-	-	243	114	H
	* 12.547	23.06	ADR	39.1	-21.7	40.46	54	-13.54	-	-	-	-	243	114	H
2	1.973	40.8	PK-U	31.4	-30.7	41.5	-	-	-	-	68.2	-26.7	2	371	V
4	6.348	36.96	PK-U	35.7	-25.5	47.16	-	-	-	-	68.2	-21.04	287	166	H
5	10.183	33.48	PK-U	37.4	-20.2	50.68	-	-	-	-	68.2	-17.52	63	177	H

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

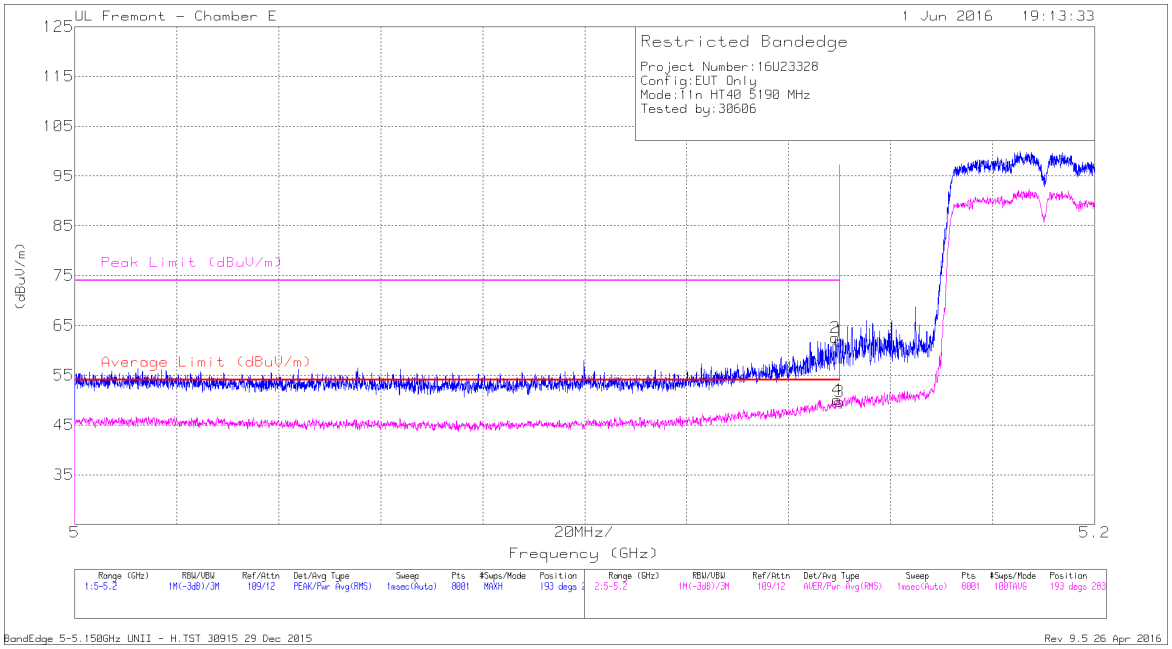
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

8.4. 802.11n HT40 1Tx MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE, CHAIN 0 (LOW CHANNEL)

LOW CHANNEL HORIZONTAL PLOT

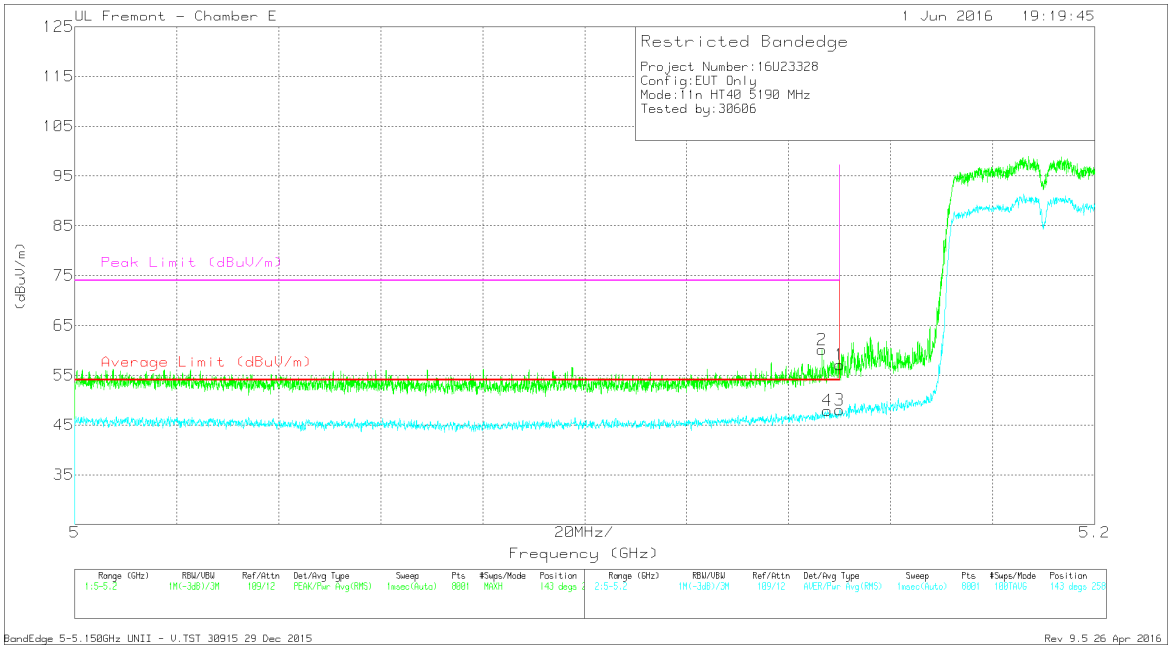


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.149	47.35	Pk	34.1	-18.9	0	62.55	-	-	74	-11.45	193	283	H
4	* 5.15	34.96	RMS	34.1	-19	0	50.06	54	-3.94	-	-	193	283	H
1	5.15	46.74	Pk	34.1	-19	0	61.84	-	-	74	-12.16	193	283	H
3	5.15	34.59	RMS	34.1	-19	0	49.69	54	-4.31	-	-	193	283	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

LOW CHANNEL VERTICAL PLOT



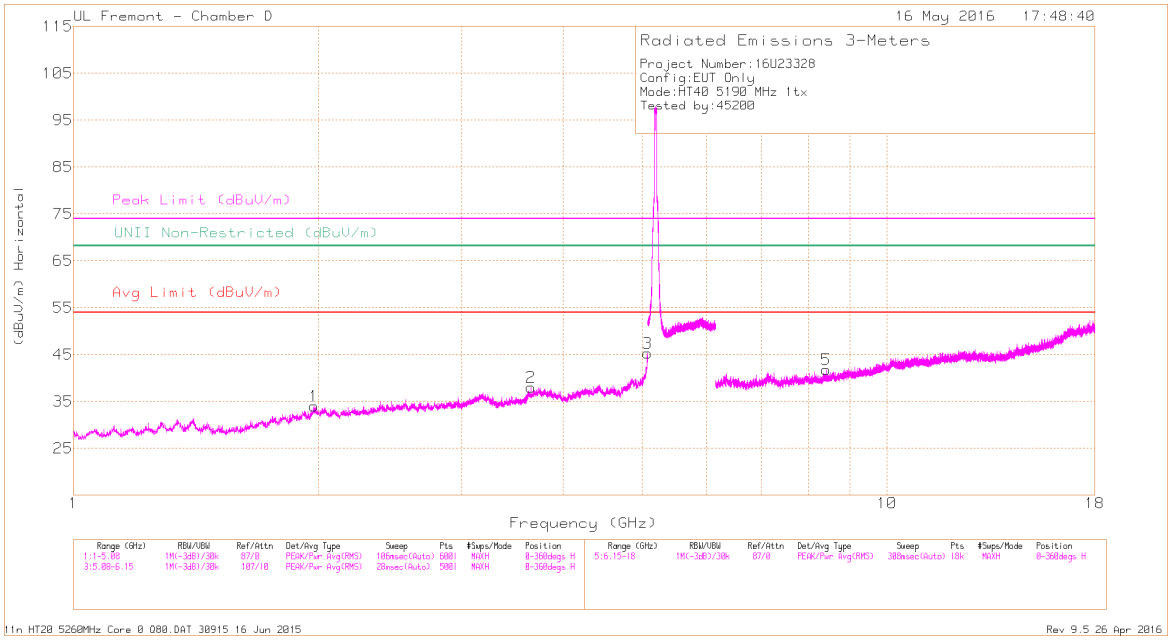
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.147	44.93	Pk	34.1	-18.9	0	60.13	-	-	74	-13.87	143	258	V
4	* 5.148	32.73	RMS	34.1	-18.9	0	47.93	54	-6.07	-	-	143	258	V
1	5.15	42.01	Pk	34.1	-19	0	57.11	-	-	74	-16.89	143	258	V
3	5.15	32.93	RMS	34.1	-19	0	48.03	54	-5.97	-	-	143	258	V

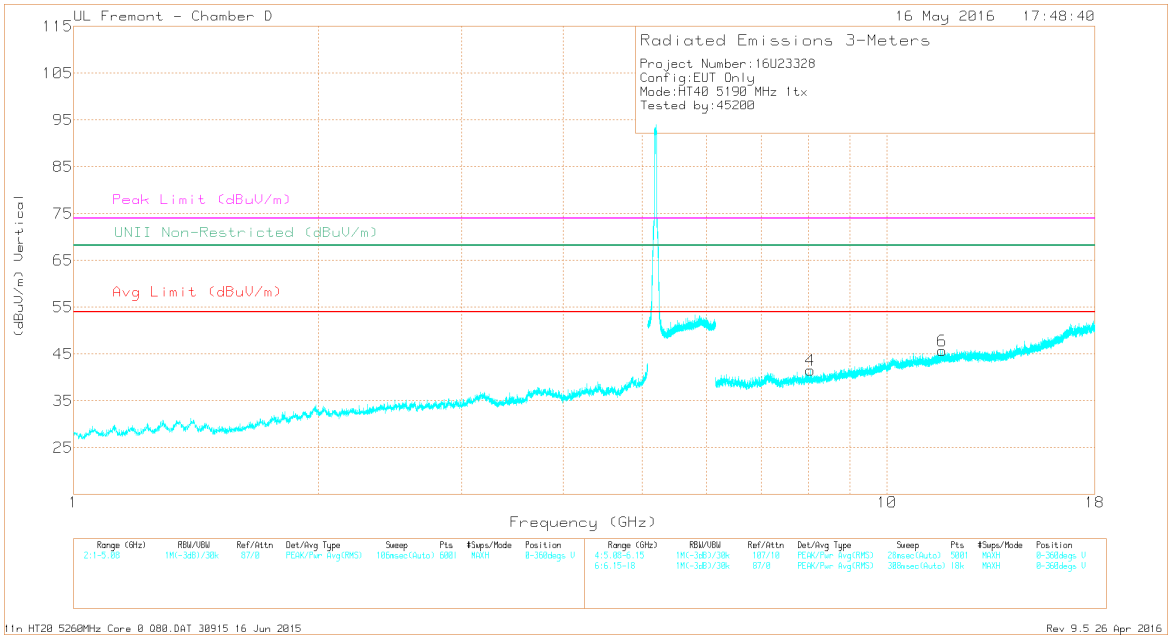
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL PLOT



LOW CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.078	45.15	PK-U	34	-24.2	54.95	-	-	74	-19.05	-	-	151	292	H
	* 5.077	31.39	ADR	34	-24.4	40.99	54	-13.01	-	-	-	-	151	292	H
3	* 3.647	37.51	PK-U	33.4	-28.9	42.01	-	-	74	-31.99	-	-	235	283	H
	* 3.65	27.62	ADR	33.4	-29	32.02	54	-21.98	-	-	-	-	235	283	H
5	* 8.424	35.96	PK-U	35.8	-23.6	48.16	-	-	74	-25.84	-	-	34	158	H
	* 8.424	24.73	ADR	35.8	-23.7	36.83	54	-17.17	-	-	-	-	34	158	H
4	* 8.052	35.48	PK-U	35.8	-24.1	47.18	-	-	74	-26.82	-	-	5	182	V
	* 8.053	24.77	ADR	35.8	-24.1	36.47	54	-17.53	-	-	-	-	5	182	V
6	* 11.679	32.91	PK-U	38.6	-20.6	50.91	-	-	74	-23.09	-	-	258	134	V
	* 11.677	23.33	ADR	38.6	-20.5	41.43	54	-12.57	-	-	-	-	258	134	V
1	1.978	40.12	PK-U	31.4	-30.6	40.92	-	-	-	-	68.2	-27.28	44	166	H

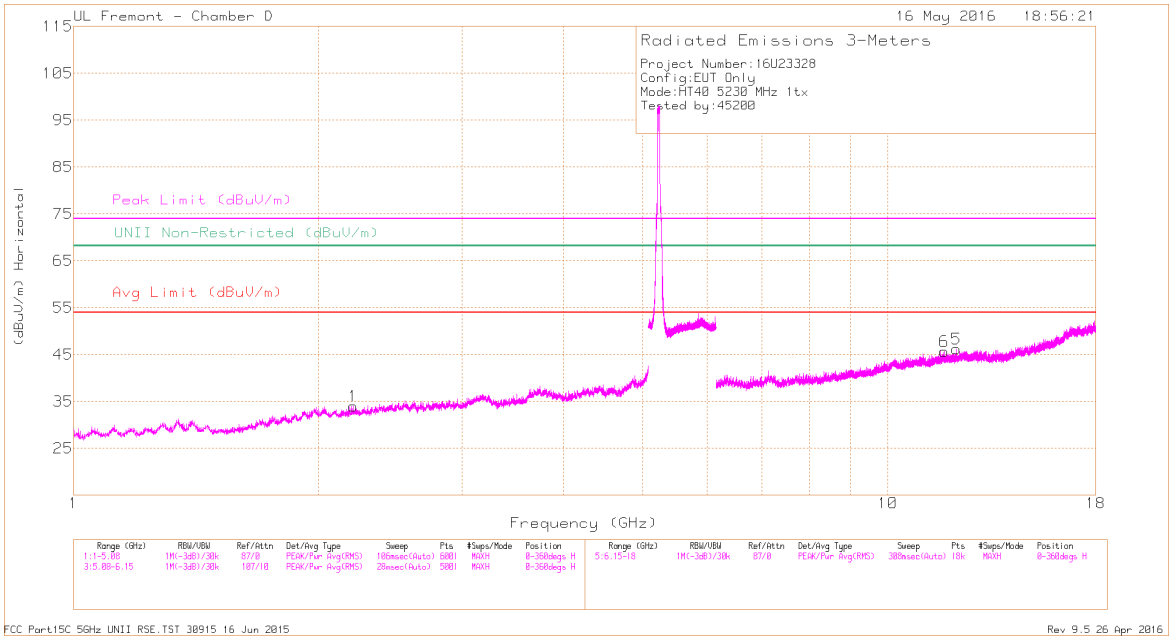
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

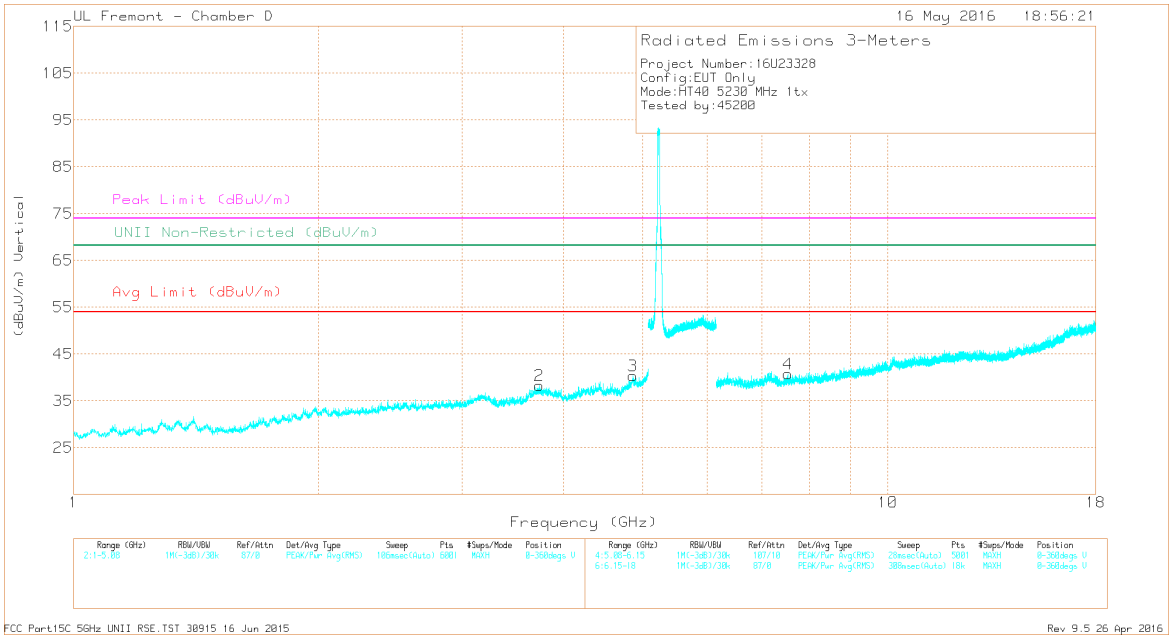
ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.206	39.86	PK-U	31.6	-30.8	40.66	-	-	74	-33.34	-	-	40	270	H
	* 2.204	28.58	ADR	31.6	-30.8	29.38	54	-24.62	-	-	-	-	40	270	H
2	* 3.733	38.29	PK-U	33.5	-28.8	42.99	-	-	74	-31.01	-	-	243	176	V
	* 3.733	27.84	ADR	33.5	-28.8	32.54	54	-21.46	-	-	-	-	243	176	V
3	* 4.863	36.75	PK-U	34.1	-25.2	45.65	-	-	74	-28.35	-	-	150	131	V
	* 4.864	25.96	ADR	34.1	-25.2	34.86	54	-19.14	-	-	-	-	150	131	V
5	* 12.147	33.31	PK-U	39	-21.1	51.21	-	-	74	-22.79	-	-	328	341	H
	* 12.148	23.71	ADR	39	-21.1	41.61	54	-12.39	-	-	-	-	328	341	H
6	* 11.73	33.38	PK-U	38.7	-20.7	51.38	-	-	74	-22.62	-	-	108	118	H
	* 11.73	23.42	ADR	38.7	-20.7	41.42	54	-12.58	-	-	-	-	108	118	H
4	* 7.534	34.91	PK-U	35.7	-24.4	46.21	-	-	74	-27.79	-	-	156	105	V
	* 7.535	24.48	ADR	35.7	-24.4	35.78	54	-18.22	-	-	-	-	156	105	V

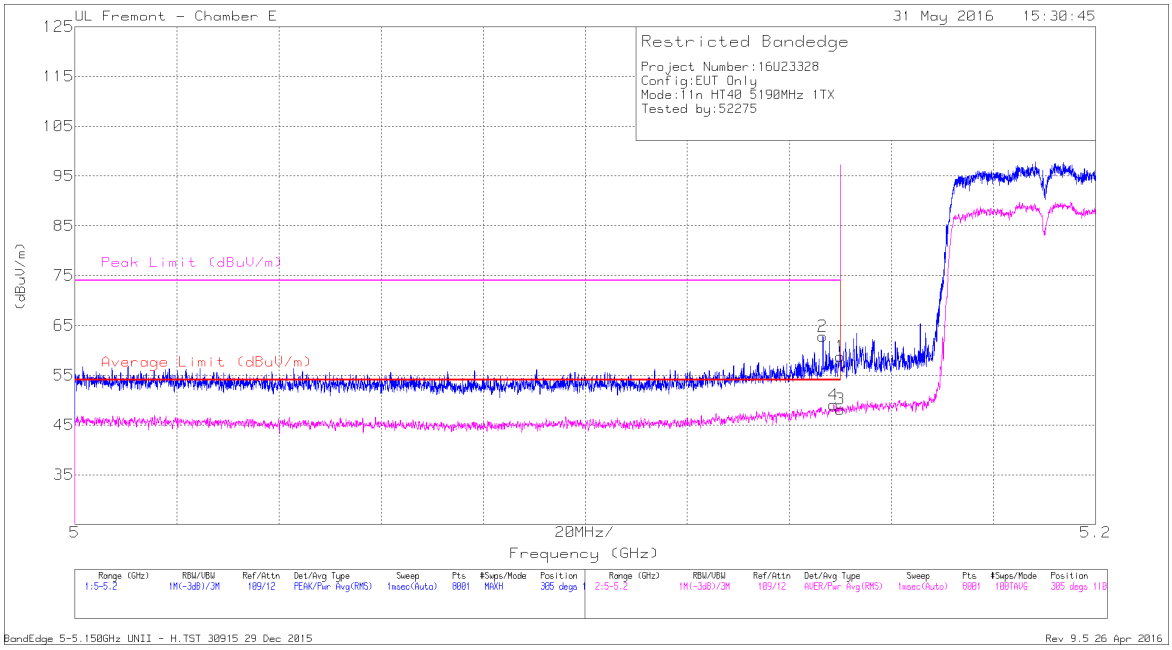
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

RESTRICTED BANDEDGE, CHAIN 1 (LOW CHANNEL)

LOW CHANNEL HORIZONTAL PLOT

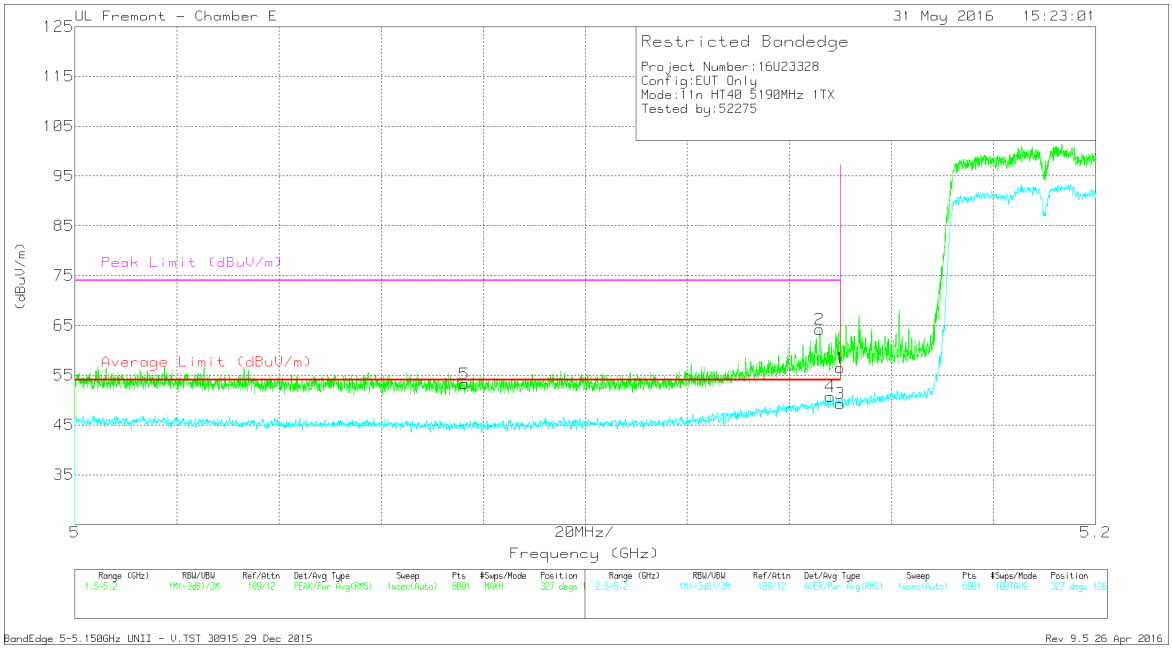


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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
2	* 5.147	47.64	Pk	34.1	-18.9	62.84	-	-	74	-11.16	305	110	H
4	* 5.149	33.86	RMS	34.1	-18.9	49.06	54	-4.94	-	-	305	110	H
1	5.15	43.69	Pk	34.1	-19	58.79	-	-	74	-15.21	305	110	H
3	5.15	33.08	RMS	34.1	-19	48.18	54	-5.82	-	-	305	110	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

LOW CHANNEL VERTICAL PLOT



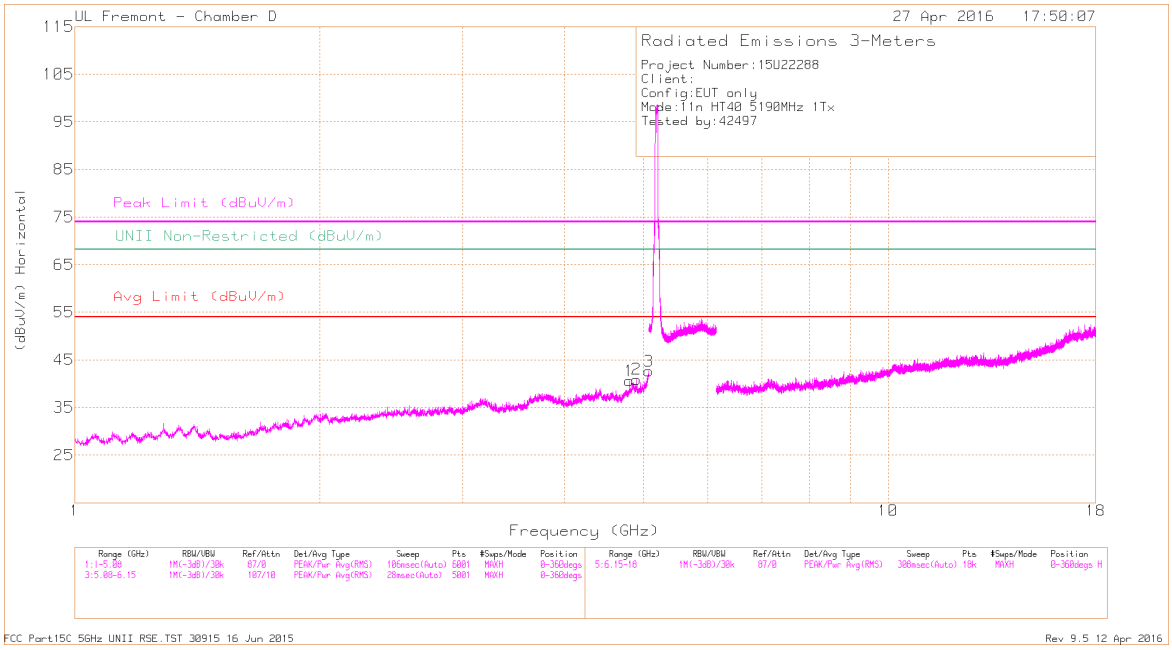
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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
2	* 5.146	49	Pk	34.1	-18.9	64.2	-	-	74	-9.8	327	126	V
5	* 5.076	38.03	Pk	34	-18.8	53.23	-	-	74	-20.77	327	126	V
4	* 5.148	35.52	RMS	34.1	-18.9	50.72	54	-3.28	-	-	327	126	V
1	5.15	41.34	Pk	34.1	-19	56.44	-	-	74	-17.56	327	126	V
3	5.15	34.18	RMS	34.1	-19	49.28	54	-4.72	-	-	327	126	V

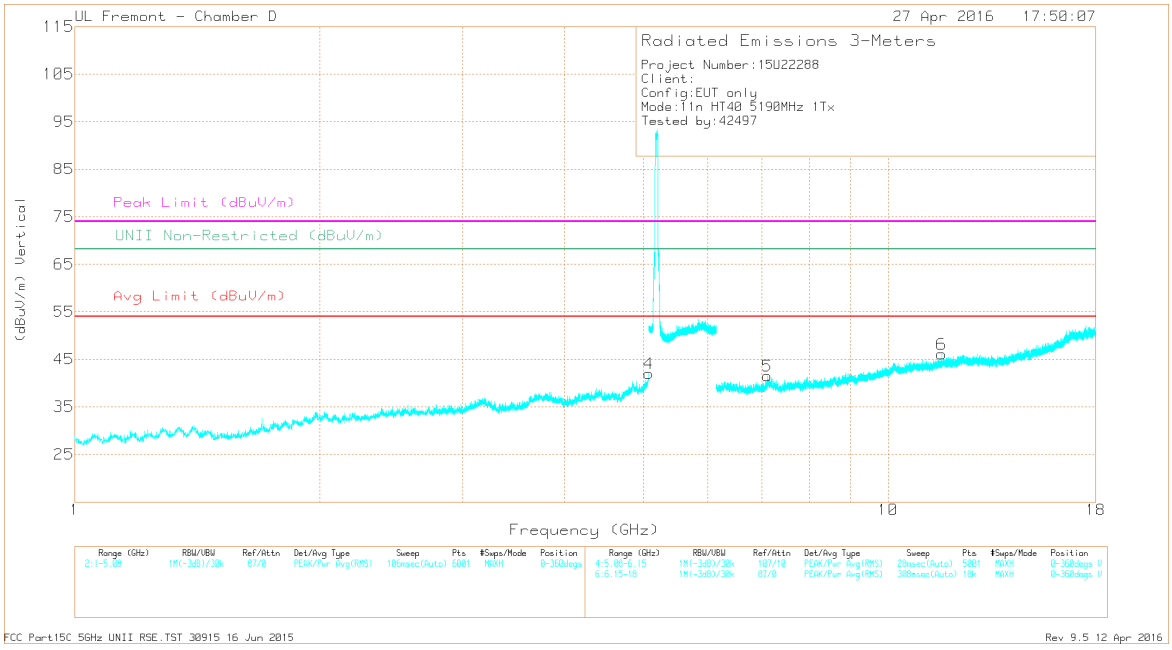
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL PLOT



LOW CHANNEL VERTICAL PLOT



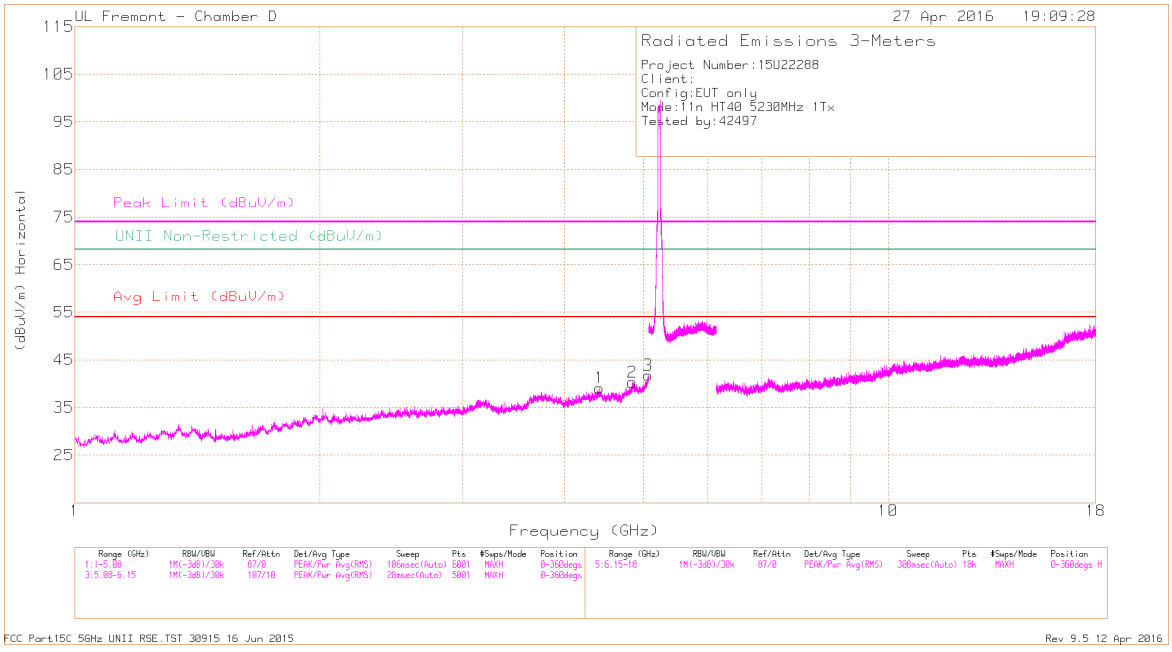
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.807	37.57	PK-U	34.1	-27.4	44.27	-	-	74	-29.73	-	-	110	163	H
	* 4.809	27.37	ADR	34.1	-27.4	34.07	54	-19.93	-	-	-	-	110	163	H
2	* 4.902	36.84	PK-U	34.1	-25.6	45.34	-	-	74	-28.66	-	-	323	247	H
	* 4.904	26.25	ADR	34.1	-25.7	34.65	54	-19.35	-	-	-	-	323	247	H
3	* 5.078	38.64	PK-U	34	-24.2	48.44	-	-	74	-25.56	-	-	181	107	H
	* 5.078	28	ADR	34	-24.3	37.7	54	-16.3	-	-	-	-	181	107	H
4	* 5.077	38.16	PK-U	34	-24.4	47.76	-	-	74	-26.24	-	-	191	134	V
	* 5.077	27.92	ADR	34	-24.5	37.42	54	-16.58	-	-	-	-	191	134	V
6	* 11.633	33.66	PK-U	38.5	-21	51.16	-	-	74	-22.84	-	-	13	155	V
	* 11.631	22.96	ADR	38.5	-21	40.46	54	-13.54	-	-	-	-	13	155	V
5	7.099	35.43	PK-U	35.8	-24.9	46.33	-	-	-	-	68.2	-21.87	344	129	V

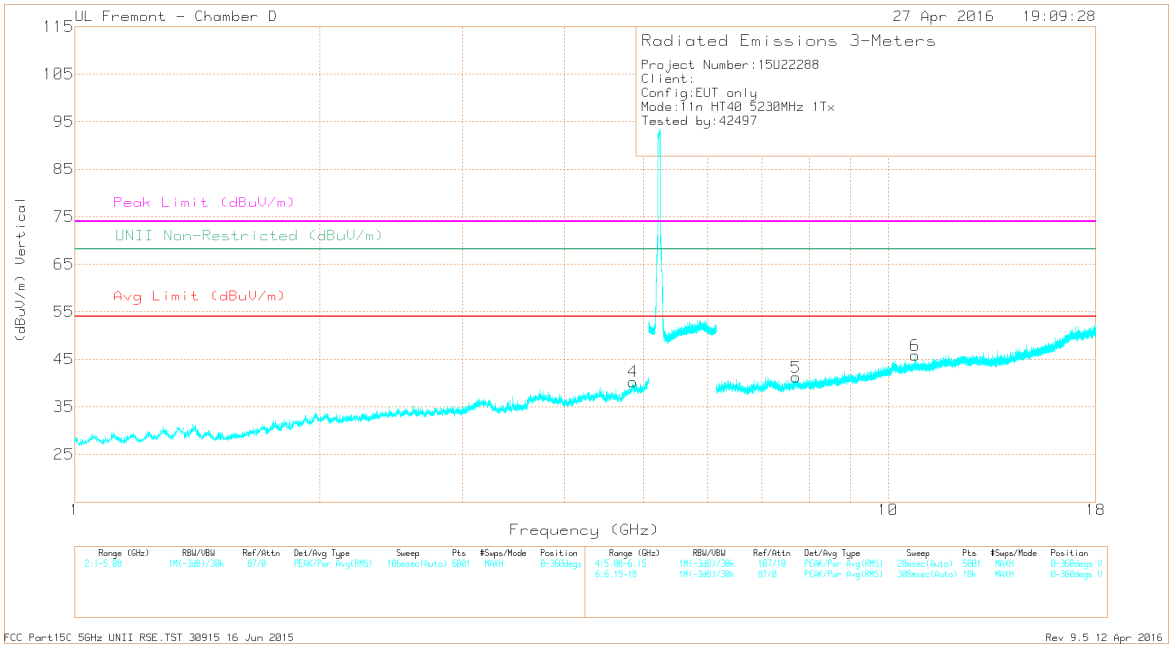
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



DATA

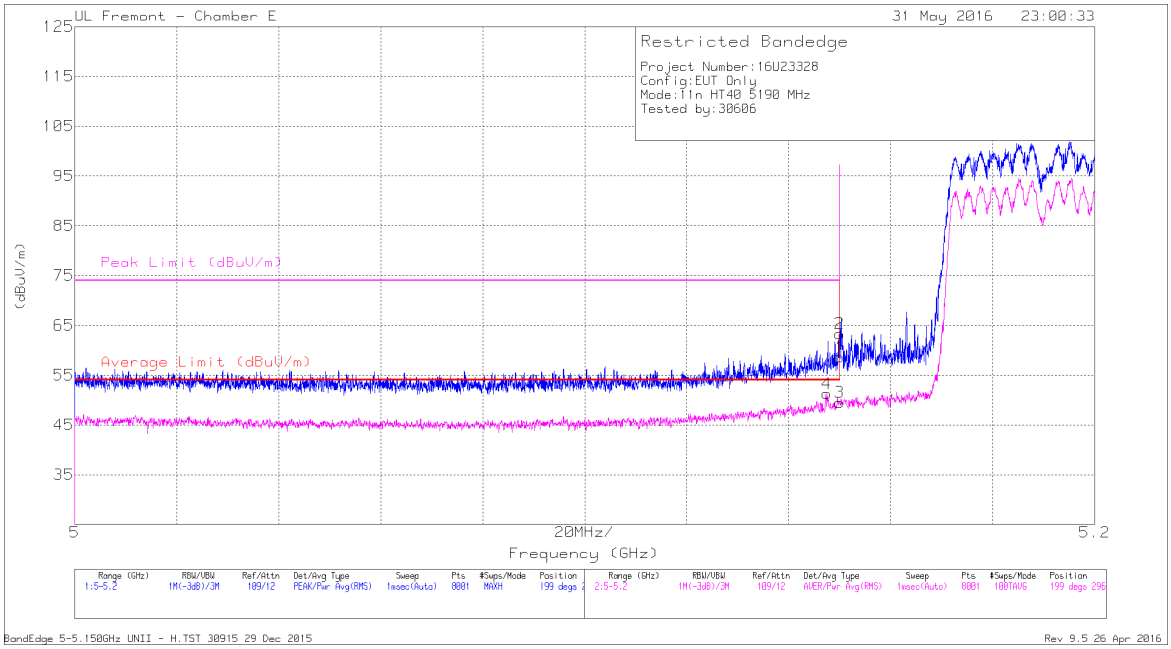
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 4.851	36.89	PK-U	34.1	-25.5	45.49	-	-	74	-28.51	-	-	135	132	H
	* 4.85	26.24	ADR	34.1	-25.5	34.84	54	-19.16	-	-	-	-	135	132	H
3	* 5.068	38.69	PK-U	34	-25.3	47.39	-	-	74	-26.61	-	-	104	218	H
	* 5.069	28.07	ADR	34	-25.3	36.77	54	-17.23	-	-	-	-	104	218	H
4	* 4.853	37.51	PK-U	34.1	-25.4	46.21	-	-	74	-27.79	-	-	103	207	V
	* 4.854	26.43	ADR	34.1	-25.4	35.13	54	-18.87	-	-	-	-	103	207	V
5	* 7.703	35.36	PK-U	35.8	-24.2	46.96	-	-	74	-27.04	-	-	23	275	V
	* 7.703	24.82	ADR	35.8	-24.2	36.42	54	-17.58	-	-	-	-	23	275	V
6	* 10.79	33.03	PK-U	37.9	-20.5	50.43	-	-	74	-23.57	-	-	355	399	V
	* 10.793	22.68	ADR	37.9	-20.5	40.08	54	-13.92	-	-	-	-	355	399	V
1	4.42	36.86	PK-U	33.9	-27.1	43.66	-	-	-	-	68.2	-24.54	19	129	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

8.5. 802.11n HT40 2Tx CDD MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

LOW CHANNEL HORIZONTAL PLOT

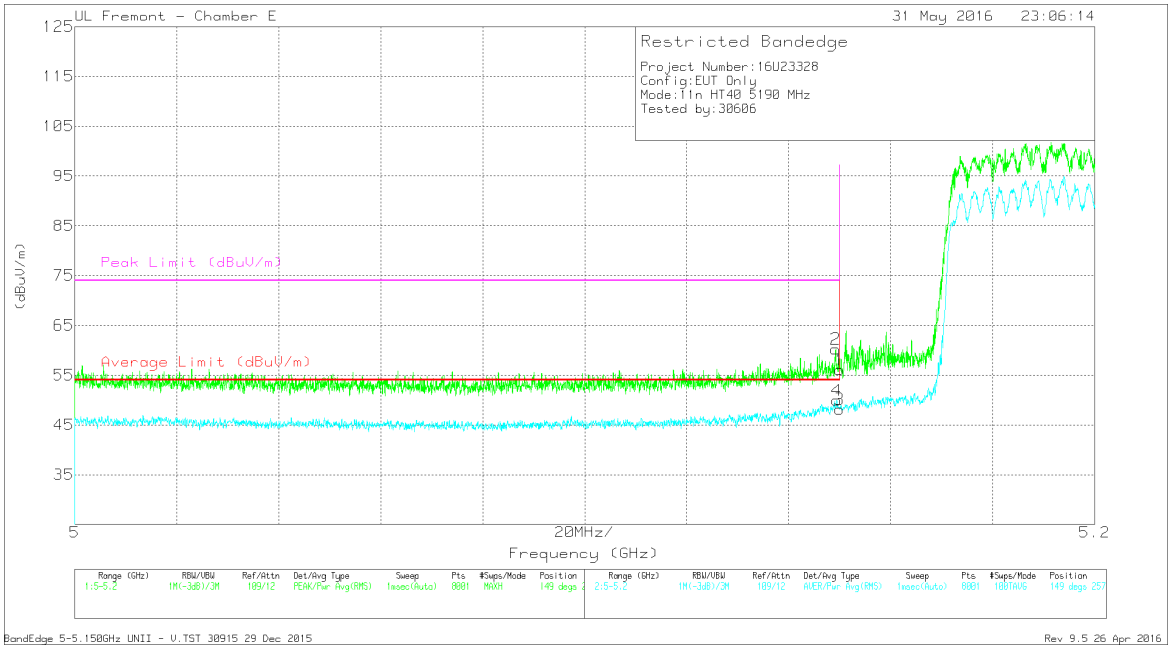


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.15	48.24	Pk	34.1	-19	0	63.34	-	-	74	-10.66	199	296	H
4	* 5.147	36.07	RMS	34.1	-18.9	0	51.27	54	-2.73	-	-	199	296	H
1	5.15	43.55	Pk	34.1	-19	0	58.65	-	-	74	-15.35	199	296	H
3	5.15	34.43	RMS	34.1	-19	0	49.53	54	-4.47	-	-	199	296	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

LOW CHANNEL VERTICAL PLOT



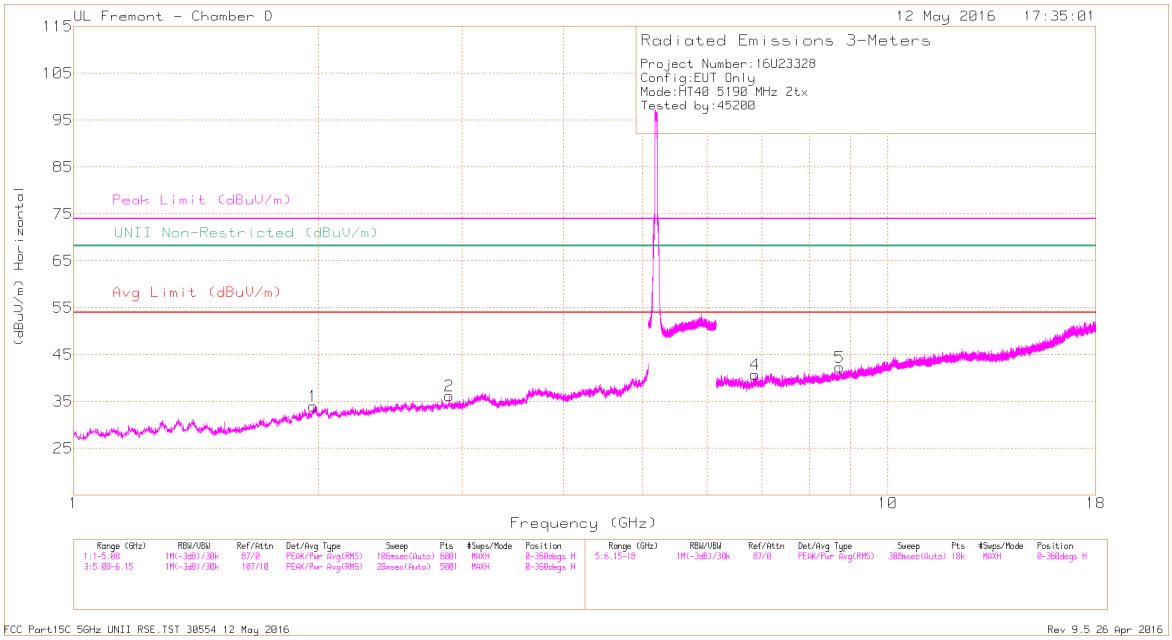
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.149	45.05	Pk	34.1	-18.9	0	60.25	-	-	74	-13.75	149	257	V
4	* 5.149	34.86	RMS	34.1	-19	0	49.96	54	-4.04	-	-	149	257	V
1	5.15	40.99	Pk	34.1	-19	0	56.09	-	-	74	-17.91	149	257	V
3	5.15	33.05	RMS	34.1	-19	0	48.15	54	-5.85	-	-	149	257	V

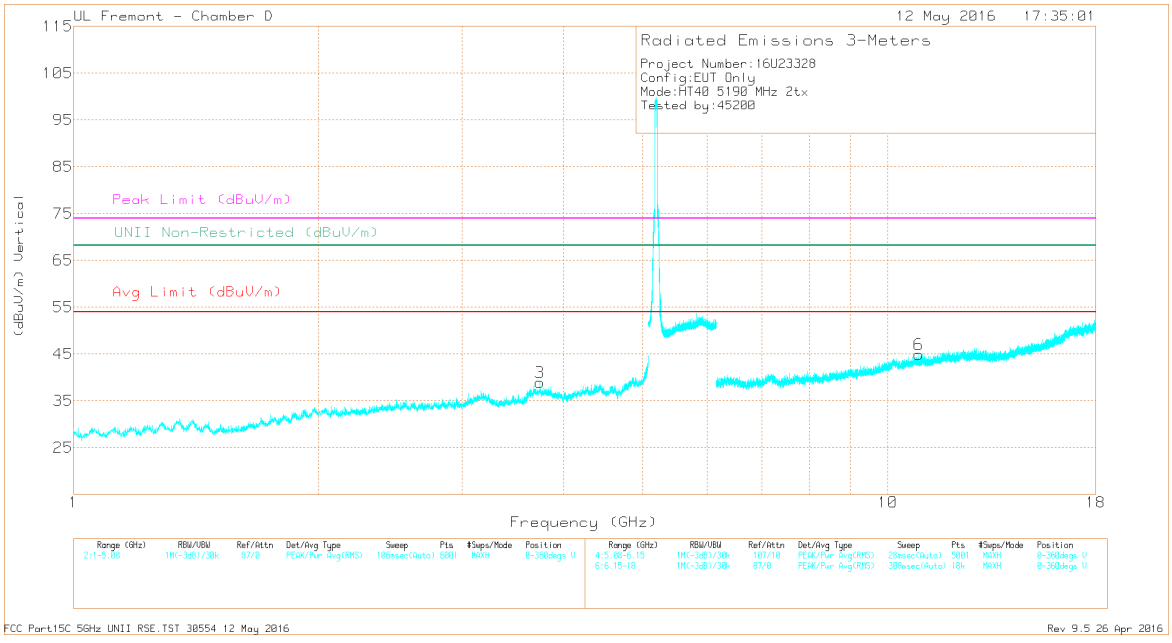
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL PLOT



LOW CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.891	38.62	PK-U	32.3	-29.1	41.82	-	-	74	-32.18	-	-	66	226	H
	* 2.894	27.64	ADR	32.3	-29	30.94	54	-23.06	-	-	-	-	66	226	H
3	* 3.736	37.98	PK-U	33.5	-28.8	42.68	-	-	74	-31.32	-	-	236	284	V
	* 3.74	27.32	ADR	33.5	-28.9	31.92	54	-22.08	-	-	-	-	236	284	V
6	* 10.914	33.8	PK-U	38	-21.1	50.7	-	-	74	-23.3	-	-	260	170	V
	* 10.917	22.8	ADR	38	-21.1	39.7	54	-14.3	-	-	-	-	260	170	V
1	1.968	39.69	PK-U	31.3	-30.7	40.29	-	-	-	-	68.2	-27.91	329	358	H
4	6.867	35.43	PK-U	35.7	-25.5	45.63	-	-	-	-	68.2	-22.57	130	368	H
5	8.723	34.93	PK-U	36	-22.8	48.13	-	-	-	-	68.2	-20.07	83	305	H

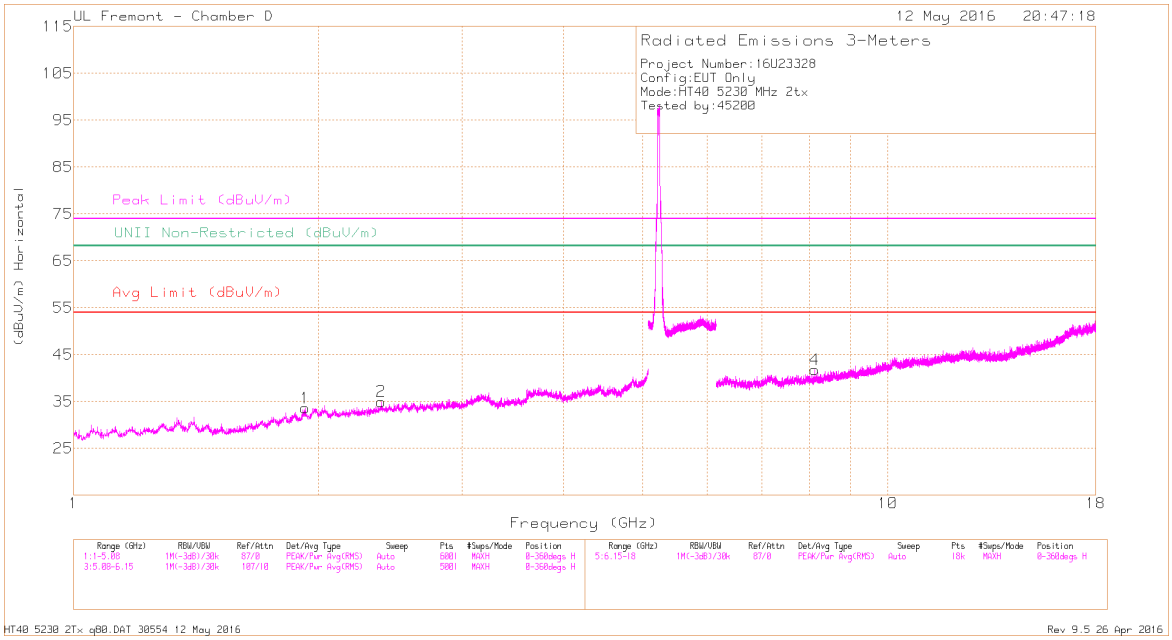
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

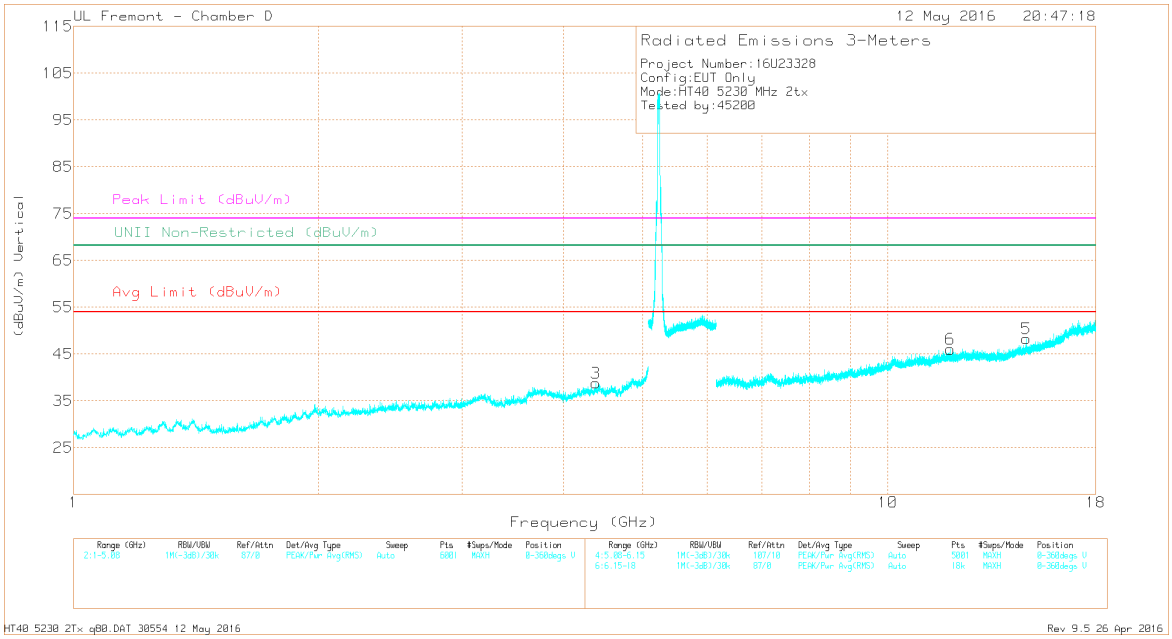
ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



DATA

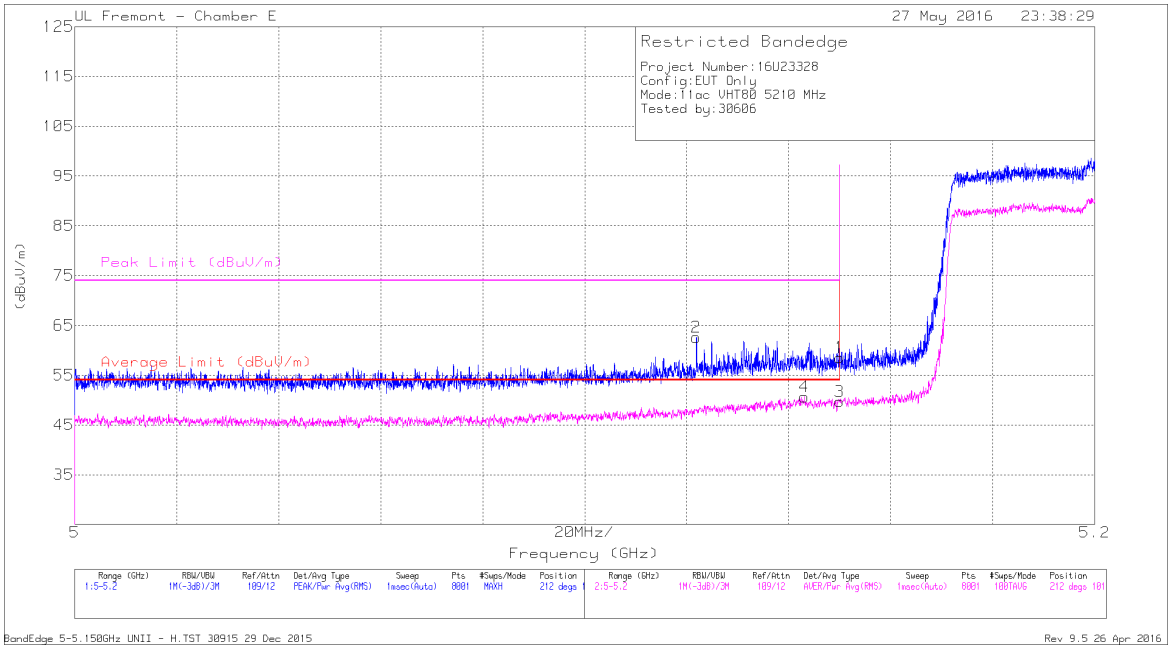
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.388	39.73	PK-U	32.1	-30.3	41.53	-	-	74	-32.47	-	-	157	306	H
	* 2.388	28.99	ADR	32.1	-30.3	30.79	54	-23.21	-	-	-	-	157	306	H
3	* 4.382	36.96	PK-U	33.9	-27.6	43.26	-	-	74	-30.74	-	-	220	146	V
	* 4.383	27.19	ADR	33.9	-27.6	33.49	54	-20.51	-	-	-	-	220	146	V
4	* 8.133	35.14	PK-U	35.8	-23.5	47.44	-	-	74	-26.56	-	-	265	175	H
	* 8.134	24.76	ADR	35.8	-23.5	37.06	54	-16.94	-	-	-	-	265	175	H
6	* 11.939	34.99	PK-U	38.8	-21.6	52.19	-	-	74	-21.81	-	-	113	206	V
	* 11.94	24.02	ADR	38.8	-21.6	41.22	54	-12.78	-	-	-	-	113	206	V
1	1.927	39.76	PK-U	31	-31	39.76	-	-	-	-	68.2	-28.44	13	130	H
5	14.793	34.71	PK-U	39.7	-21.8	52.61	-	-	-	-	68.2	-15.59	91	213	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

8.6. 802.11ac VHT80 1Tx MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE, CHAIN 0 (LOW CHANNEL, CH 42)

LOW CHANNEL HORIZONTAL PLOT

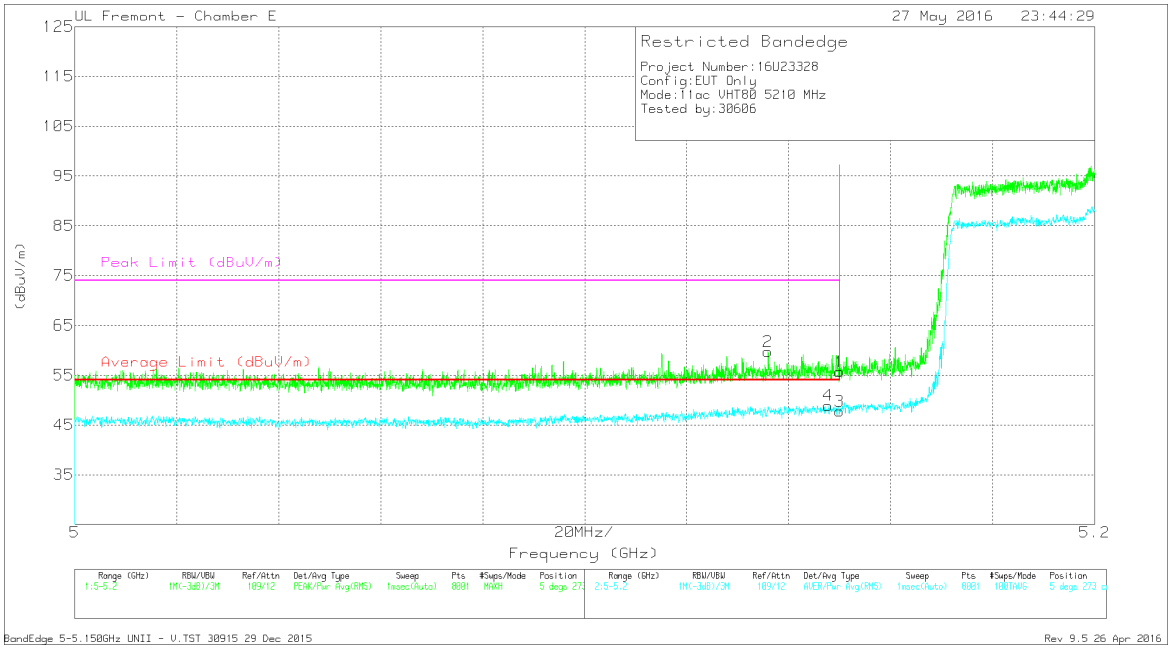


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.122	47.51	Pk	34	-18.9	0	62.61	-	-	74	-11.39	212	101	H
4	* 5.143	35.45	RMS	34.1	-18.9	.16	50.81	54	-3.19	-	-	212	101	H
1	5.15	43.46	Pk	34.1	-19	0	58.56	-	-	74	-15.44	212	101	H
3	5.15	34.6	RMS	34.1	-19	.16	49.86	54	-4.14	-	-	212	101	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

LOW CHANNEL VERTICAL PLOT



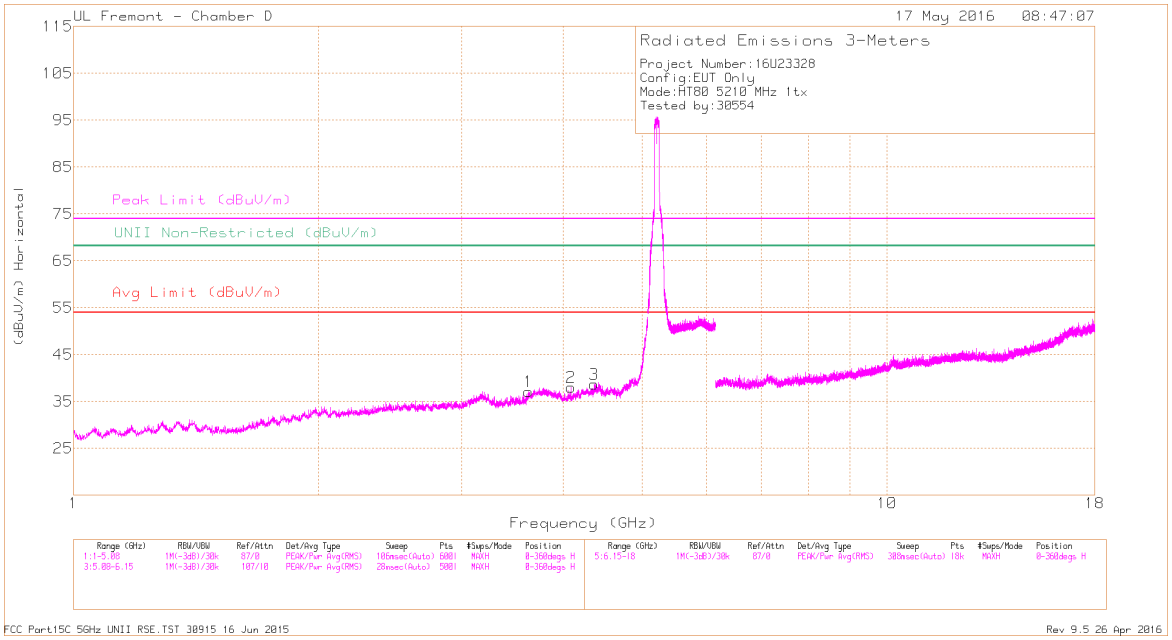
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.136	44.42	Pk	34.1	-18.8	0	59.72	-	-	74	-14.28	5	273	V
4	* 5.148	33.72	RMS	34.1	-18.9	.16	49.08	54	-4.92	-	-	5	273	V
1	5.15	40.6	Pk	34.1	-19	0	55.7	-	-	74	-18.3	5	273	V
3	5.15	32.64	RMS	34.1	-19	.16	47.90	54	-6.10	-	-	5	273	V

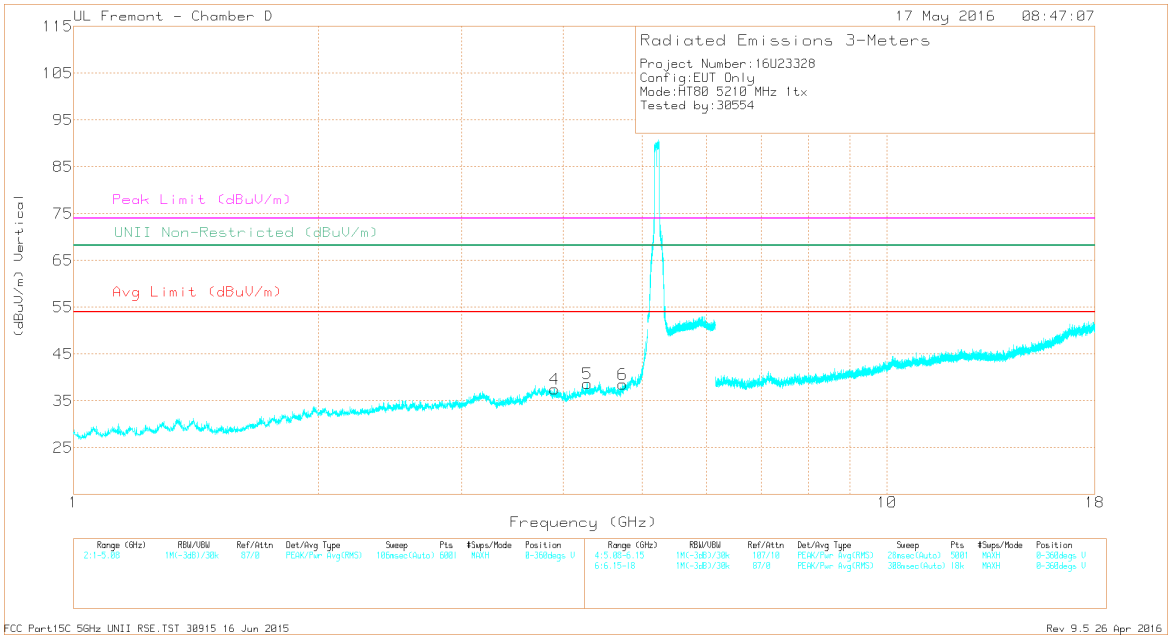
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL PLOT



LOW CHANNEL VERTICAL PLOT



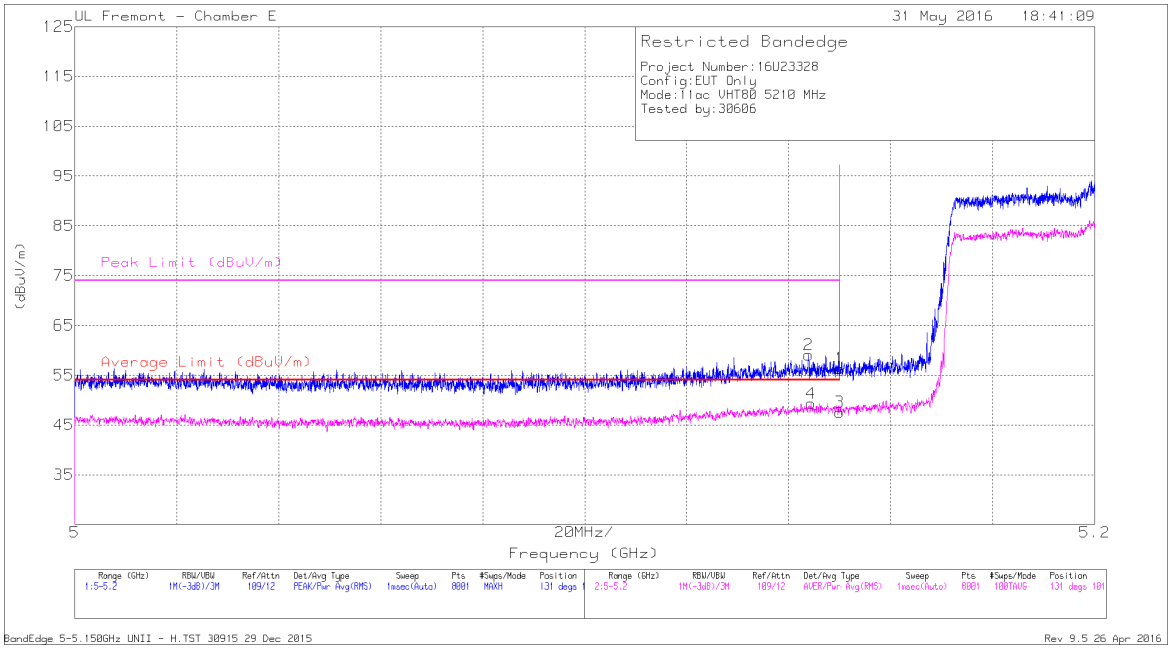
DATA

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.624	38.3	PK-U	33.4	-28.8	0	42.9	-	-	74	-31.1	-	-	103	102	H
	* 3.623	28.1	ADR	33.3	-28.8	.16	32.76	54	-21.24	-	-	-	-	103	102	H
2	* 4.089	38.04	PK-U	33.5	-28.6	0	42.94	-	-	74	-31.06	-	-	213	156	H
	* 4.088	27.36	ADR	33.5	-28.6	.16	32.42	54	-21.58	-	-	-	-	213	156	H
3	* 4.364	36.96	PK-U	33.8	-27.9	0	42.86	-	-	74	-31.14	-	-	127	334	H
	* 4.363	27.3	ADR	33.8	-27.9	.16	33.36	54	-20.64	-	-	-	-	127	334	H
4	* 3.898	38.09	PK-U	33.5	-28.7	0	42.89	-	-	74	-31.11	-	-	71	225	V
	* 3.899	28.03	ADR	33.5	-28.7	.16	32.99	54	-21.01	-	-	-	-	71	225	V
5	* 4.281	37.27	PK-U	33.5	-27.7	0	43.07	-	-	74	-30.93	-	-	114	230	V
	* 4.279	27.2	ADR	33.5	-27.6	.16	33.26	54	-20.74	-	-	-	-	114	230	V
6	* 4.729	37.91	PK-U	34	-27.6	0	44.31	-	-	74	-29.69	-	-	55	115	V
	* 4.725	27.93	ADR	34	-27.6	.16	34.49	54	-19.51	-	-	-	-	55	115	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

RESTRICTED BANDEDGE, CHAIN 1 (LOW CHANNEL, CH 42)

LOW CHANNEL HORIZONTAL PLOT

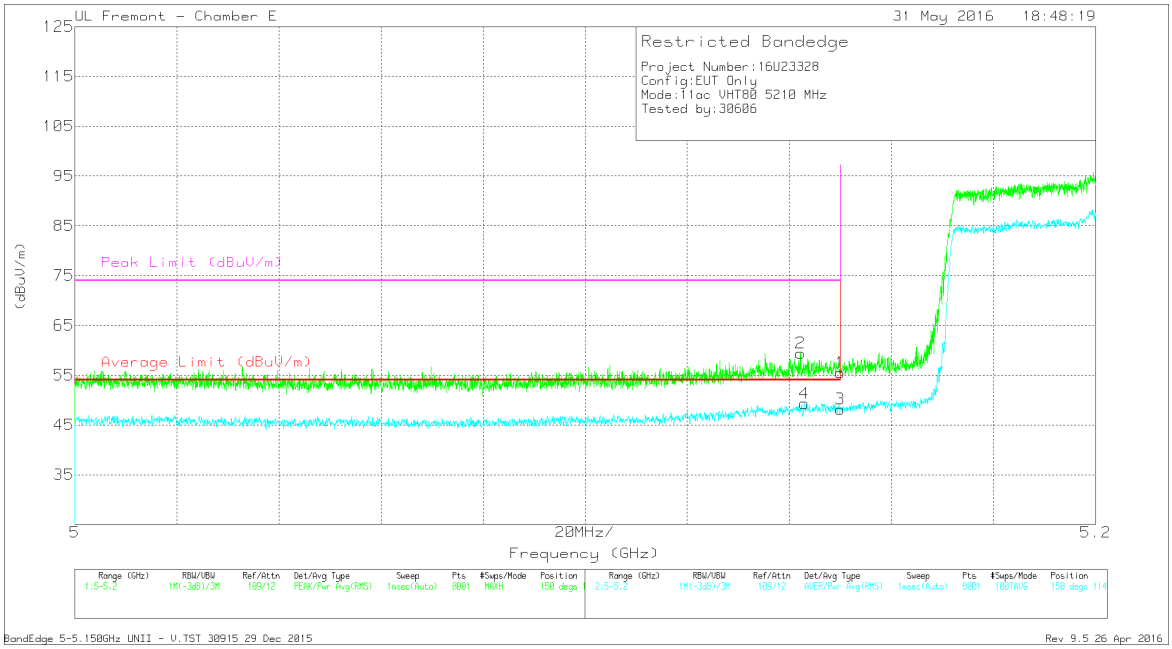


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.144	43.88	Pk	34.1	-18.9	0	59.08	-	-	74	-14.92	131	101	H
4	* 5.144	33.98	RMS	34.1	-18.9	.16	49.34	54	-4.66	-	-	131	101	H
1	5.15	41.27	Pk	34.1	-19	0	56.37	-	-	74	-17.63	131	101	H
3	5.15	32.29	RMS	34.1	-19	.16	47.55	54	-6.45	-	-	131	101	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

LOW CHANNEL VERTICAL PLOT



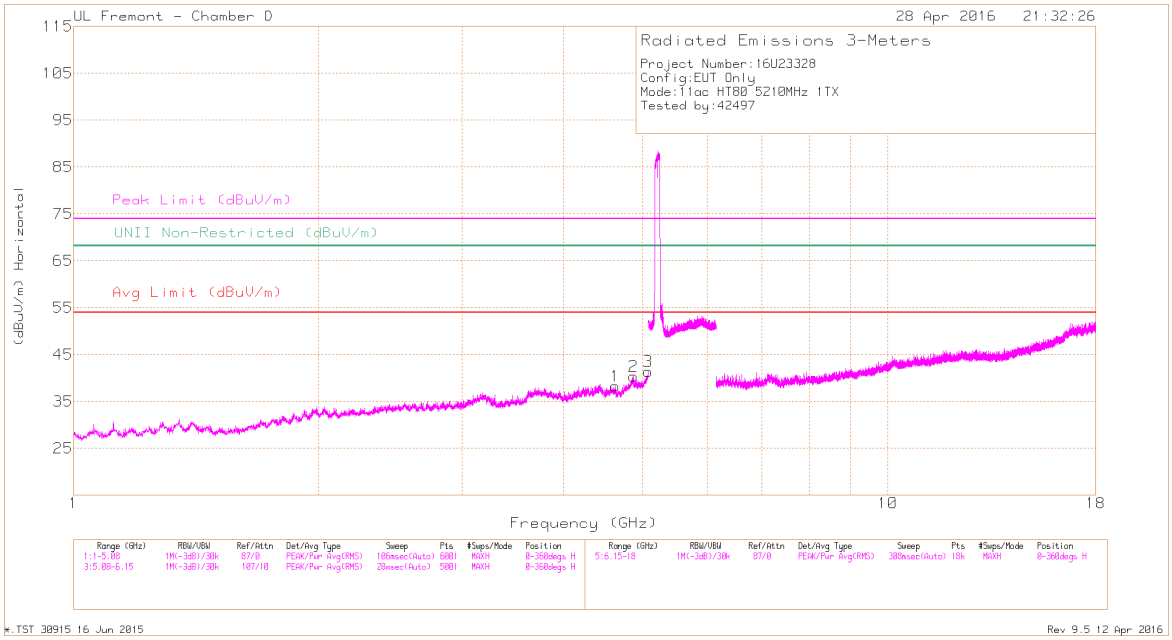
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.142	44.23	Pk	34.1	-18.9	0	59.43	-	-	74	-14.57	150	114	V
4	* 5.143	33.94	RMS	34.1	-18.9	.16	49.3	54	-4.7	-	-	150	114	V
1	5.15	40.42	Pk	34.1	-19	0	55.52	-	-	74	-18.48	150	114	V
3	5.15	32.92	RMS	34.1	-19	.16	48.18	54	-5.82	-	-	150	114	V

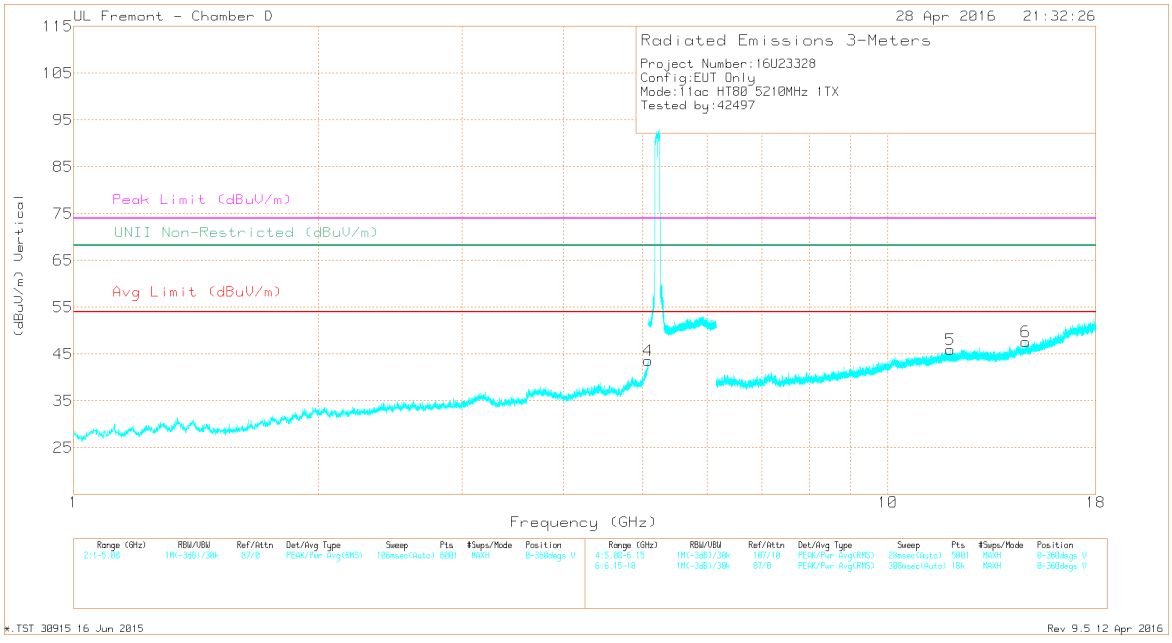
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL PLOT



LOW CHANNEL VERTICAL PLOT



DATA

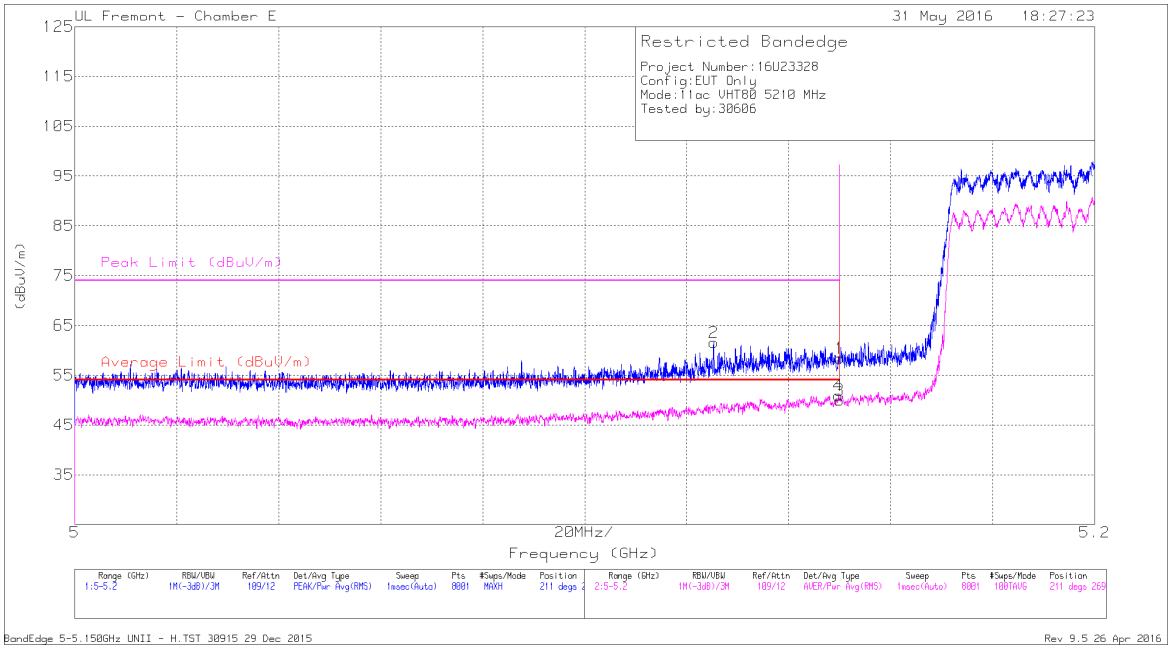
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.629	37	PK-U	34.1	-26.6	0	44.5	-	-	74	-29.5	-	-	321	377	H
	* 4.63	26.39	ADR	34.1	-26.6	.16	34.05	54	-19.95	-	-	-	-	321	377	H
2	* 4.868	36.2	PK-U	34.1	-25.2	0	45.1	-	-	74	-28.9	-	-	254	211	H
	* 4.87	25.87	ADR	34.1	-25.2	.16	34.93	54	-19.07	-	-	-	-	254	211	H
3	* 5.078	37.9	PK-U	34	-24.3	0	47.6	-	-	74	-26.4	-	-	229	114	H
	* 5.077	27.33	ADR	34	-24.4	.16	37.09	54	-16.91	-	-	-	-	229	114	H
4	* 5.077	41.05	PK-U	34	-24.5	0	50.55	-	-	74	-23.45	-	-	3	116	V
	* 5.078	30.09	ADR	34	-24.3	.16	39.95	54	-14.21	-	-	-	-	3	116	V
5	* 11.935	35.14	PK-U	38.8	-21.6	0	52.34	-	-	74	-21.66	-	-	42	178	V
	* 11.936	23.49	ADR	38.8	-21.6	.16	40.84	54	-13.16	-	-	-	-	42	178	V
6	14.779	34.65	PK-U	39.7	-21.8	0	52.55	-	-	-	-	68.2	-15.65	335	368	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

8.7. 802.11ac VHT80 2Tx CDD MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL, CH 42)

LOW CHANNEL HORIZONTAL PLOT

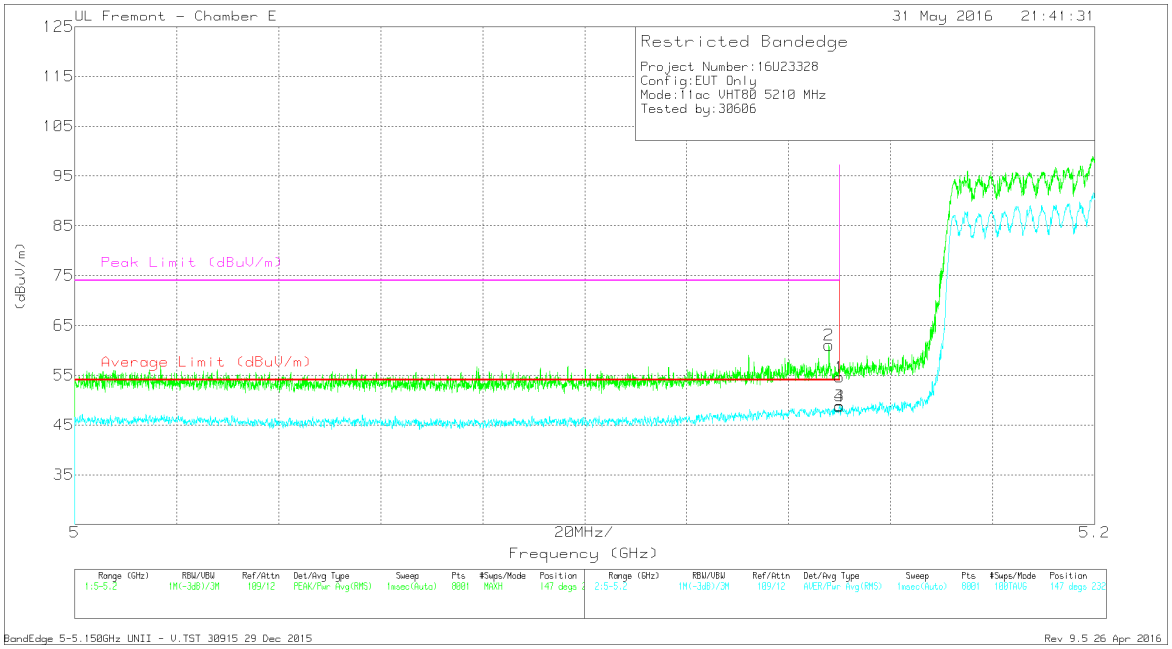


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.125	46.34	Pk	34.1	-18.9	0	61.54	-	-	74	-12.46	211	269	H
4	* 5.15	35.82	RMS	34.1	-19	.2	51.12	54	-2.88	-	-	211	269	H
1	5.15	43.31	Pk	34.1	-19	0	58.41	-	-	74	-15.59	211	269	H
3	5.15	34.88	RMS	34.1	-19	.2	50.18	54	-3.82	-	-	211	269	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

LOW CHANNEL VERTICAL PLOT



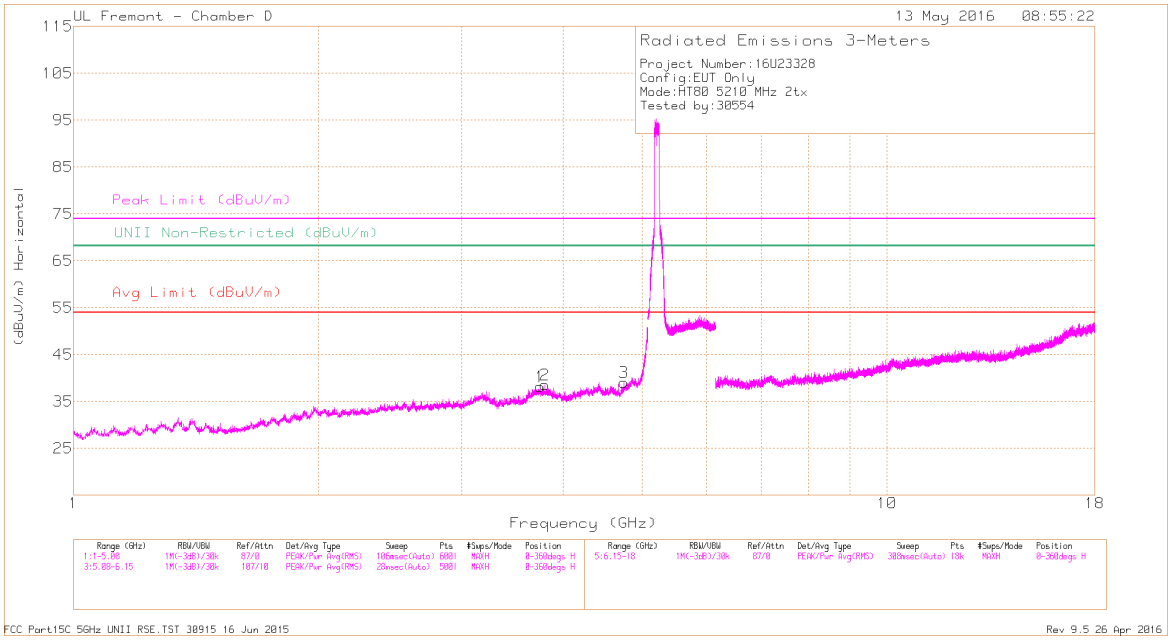
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.148	45.84	Pk	34.1	-18.9	0	61.04	-	-	74	-12.96	147	232	V
4	* 5.15	33.39	RMS	34.1	-19	.2	48.69	54	-5.31	-	-	147	232	V
1	5.15	39.51	Pk	34.1	-19	0	54.61	-	-	74	-19.39	147	232	V
3	5.15	33.54	RMS	34.1	-19	.2	48.84	54	-5.16	-	-	147	232	V

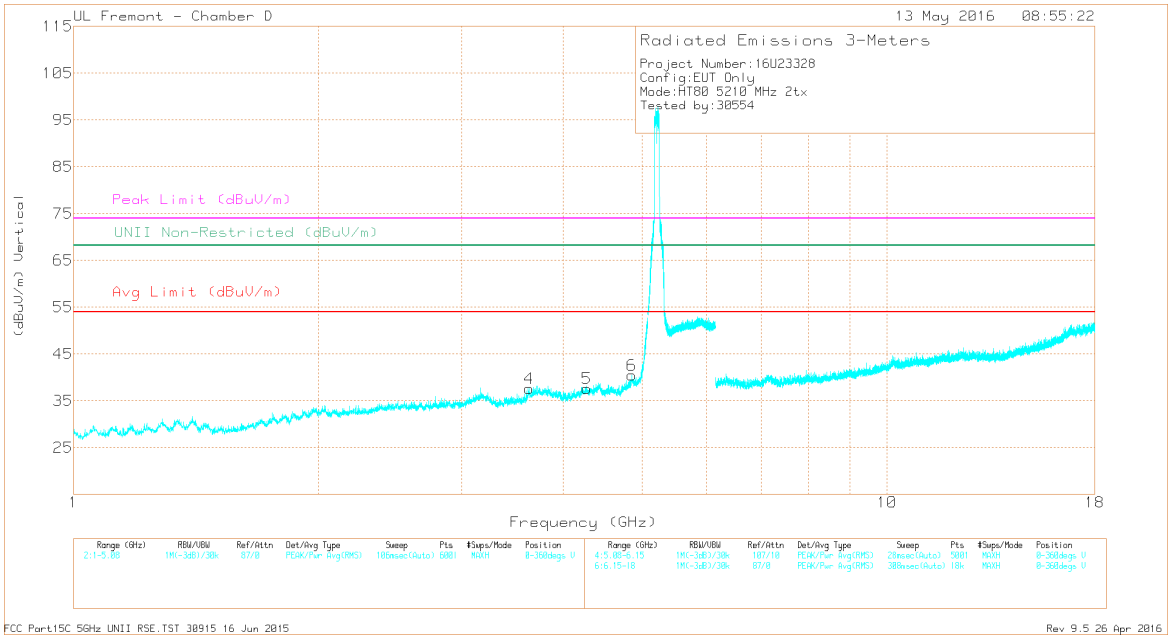
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL PLOT



LOW CHANNEL VERTICAL PLOT



DATA

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.745	38.01	PK-U	33.5	-28.8	0	42.71	-	-	74	-31.29	-	-	115	132	H
	* 3.744	28.08	ADR	33.5	-28.8	.2	32.98	54	-21.02	-	-	-	-	115	132	H
3	* 4.748	37.66	PK-U	34	-27.3	0	44.36	-	-	74	-29.64	-	-	328	189	H
	* 4.748	27.99	ADR	34	-27.3	.2	34.89	54	-19.11	-	-	-	-	328	189	H
2	* 3.795	38.35	PK-U	33.6	-28.5	0	43.45	-	-	74	-30.55	-	-	314	265	H
	* 3.794	28.06	ADR	33.6	-28.5	.2	33.36	54	-20.64	-	-	-	-	314	265	H
4	* 3.629	38.11	PK-U	33.4	-28.9	0	42.61	-	-	74	-31.39	-	-	224	247	V
	* 3.626	27.95	ADR	33.4	-28.8	.2	32.75	54	-21.25	-	-	-	-	224	247	V
5	* 4.269	37.72	PK-U	33.5	-27.5	0	43.72	-	-	74	-30.28	-	-	165	221	V
	* 4.27	27.23	ADR	33.5	-27.5	.2	33.43	54	-20.57	-	-	-	-	165	221	V
6	* 4.855	38.24	PK-U	34.1	-25.4	0	46.94	-	-	74	-27.06	-	-	174	147	V
	* 4.858	26.7	ADR	34.1	-25.3	.2	35.7	54	-18.3	-	-	-	-	174	147	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

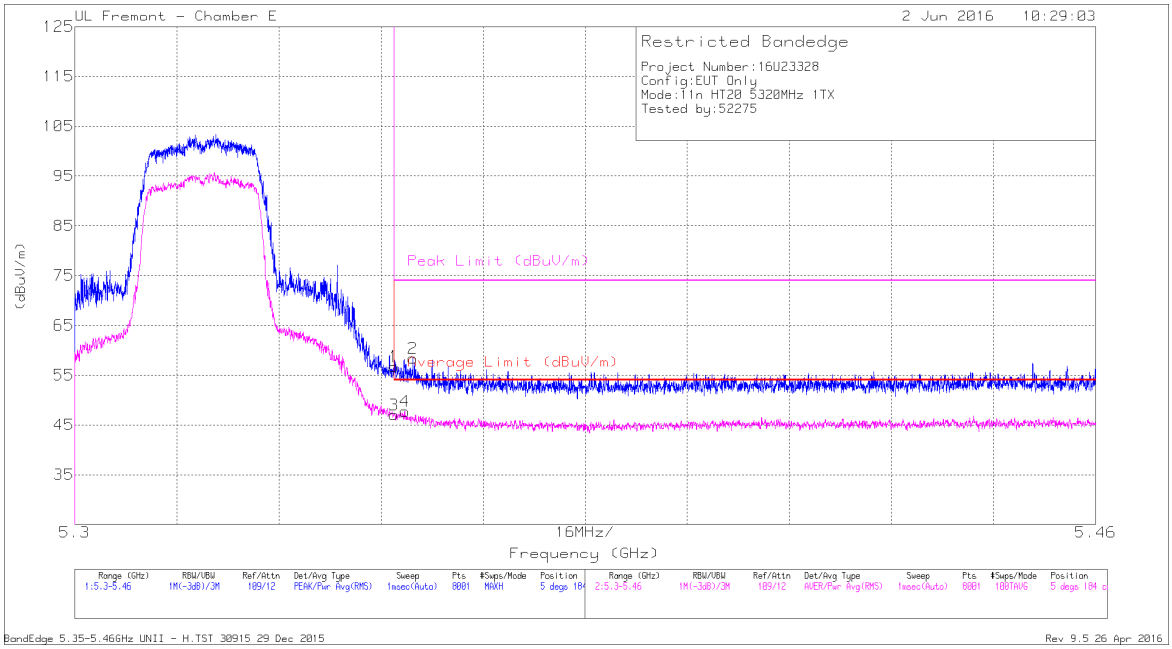
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

8.8. 802.11n HT20 1Tx MODE IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE, CHAIN 0 (HIGH CHANNEL)

HIGH CHANNEL HORIZONTAL PLOT

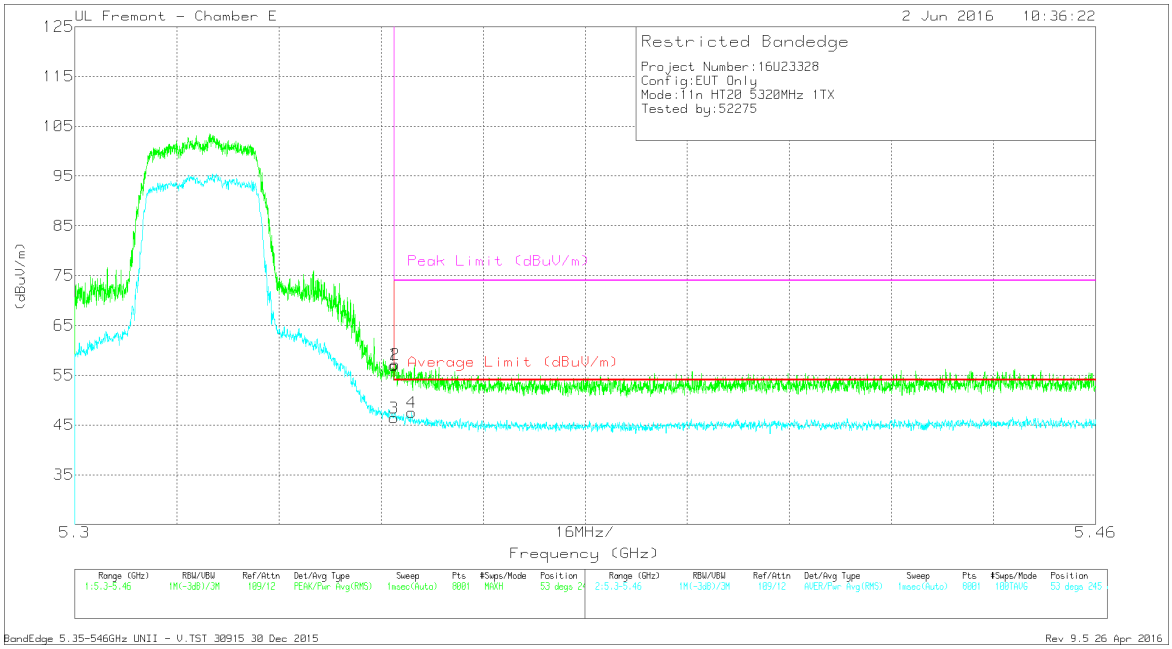


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	* 5.35	41.92	Pk	34.4	-19.6	56.72	-	-	74	-17.28	5	184	H
2	* 5.353	43.56	Pk	34.4	-19.6	58.36	-	-	74	-15.64	5	184	H
3	* 5.35	32.22	RMS	34.4	-19.6	47.02	54	-6.98	-	-	5	184	H
4	* 5.352	32.91	RMS	34.4	-19.6	47.71	54	-6.29	-	-	5	184	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

HIGH CHANNEL VERTICAL PLOT



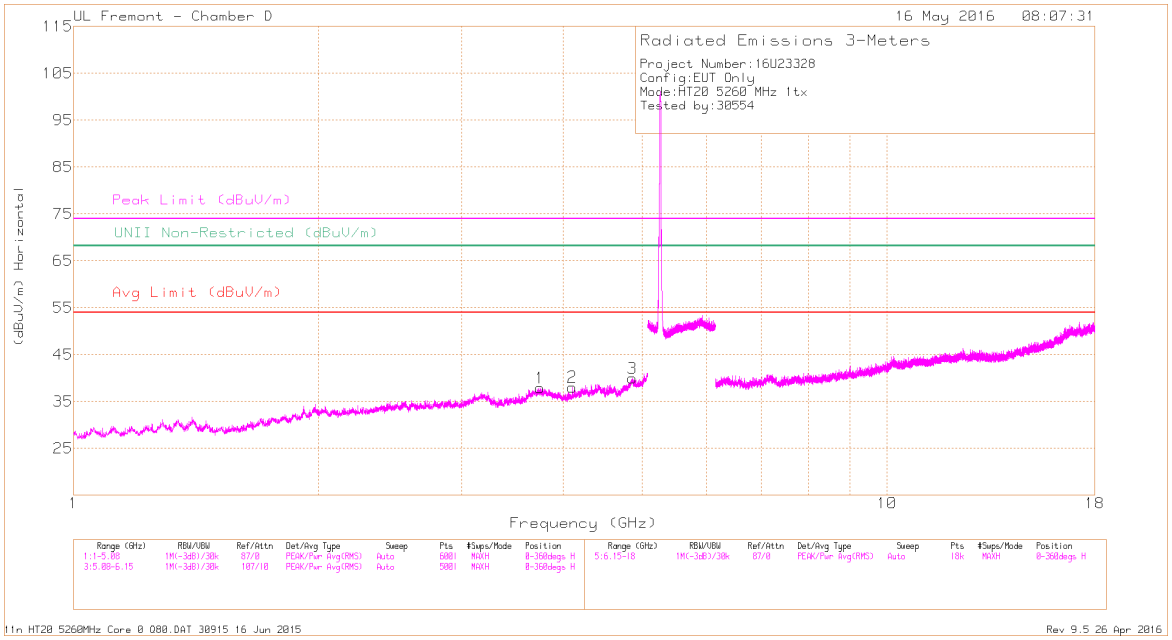
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT711 (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	* 5.35	42.16	Pk	34.4	-19.6	56.96	-	-	74	-17.04	53	245	V
2	* 5.35	42.37	Pk	34.4	-19.6	57.17	-	-	74	-16.83	53	245	V
3	* 5.35	31.62	RMS	34.4	-19.6	46.42	54	-7.58	-	-	53	245	V
4	* 5.353	32.69	RMS	34.4	-19.6	47.49	54	-6.51	-	-	53	245	V

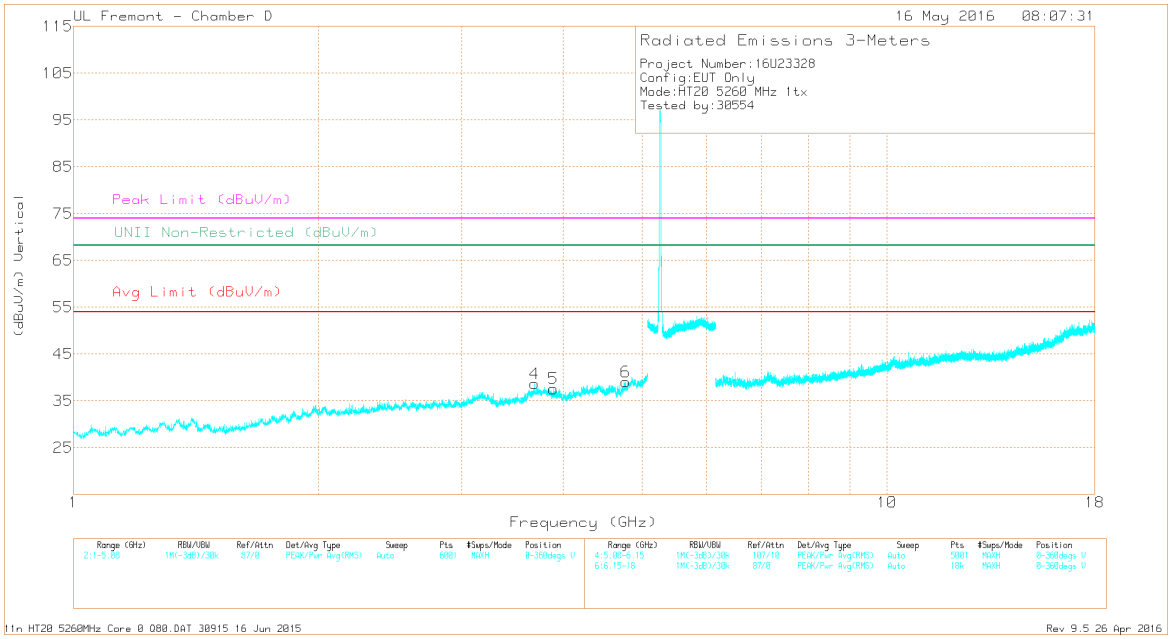
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL PLOT



LOW CHANNEL VERTICAL PLOT



DATA

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.746	38.16	PK-U	33.5	-28.8	42.86	-	-	74	-31.14	-	-	61	267	H
	* 3.745	28.15	ADR	33.5	-28.8	32.85	54	-21.15	-	-	-	-	61	267	H
2	* 4.098	37.53	PK-U	33.6	-28.5	42.63	-	-	74	-31.37	-	-	157	321	H
	* 4.097	27.63	ADR	33.6	-28.6	32.63	54	-21.37	-	-	-	-	157	321	H
3	* 4.865	37.36	PK-U	34.1	-25.2	46.26	-	-	74	-27.74	-	-	119	141	H
	* 4.864	26.47	ADR	34.1	-25.2	35.37	54	-18.63	-	-	-	-	119	141	H
4	* 3.687	38.74	PK-U	33.5	-29	43.24	-	-	74	-30.76	-	-	221	306	V
	* 3.686	27.89	ADR	33.5	-29	32.39	54	-21.61	-	-	-	-	227	306	V
5	* 3.894	38.4	PK-U	33.5	-28.8	43.1	-	-	74	-30.9	-	-	336	197	V
	* 3.894	27.83	ADR	33.5	-28.8	32.53	54	-21.47	-	-	-	-	336	197	V
6	* 4.768	37.5	PK-U	34	-27.2	44.3	-	-	74	-29.7	-	-	121	223	V
	* 4.769	27.55	ADR	34	-27.2	34.35	54	-19.65	-	-	-	-	121	223	V

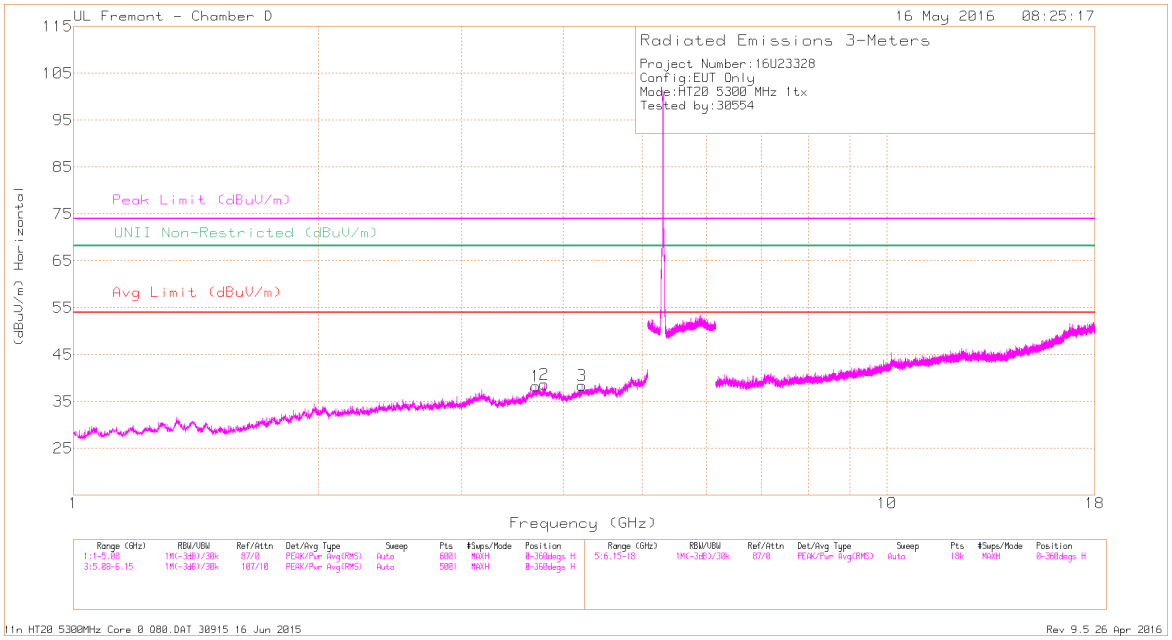
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

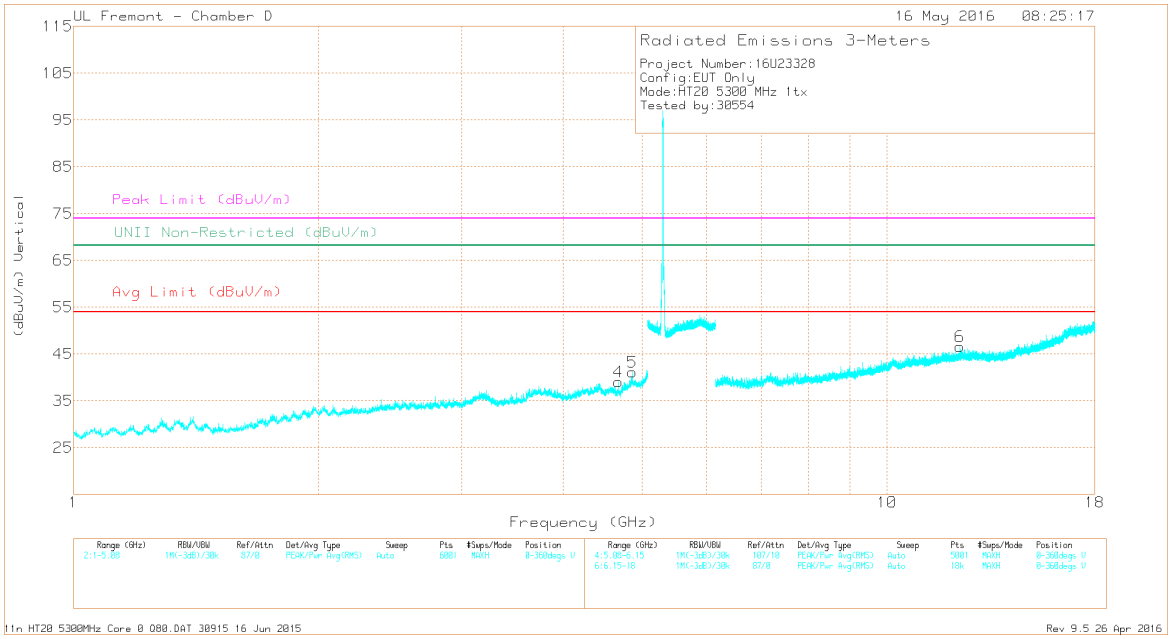
ADR - U-NII AD primary method, RMS average

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL HORIZONTAL PLOT



MID CHANNEL VERTICAL PLOT



DATA

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.696	37.97	PK-U	33.5	-29	42.47	-	-	74	-31.53	-	-	50	306	H
	* 3.697	28.3	ADR	33.5	-29	32.8	54	-21.2	-	-	-	-	50	306	H
2	* 3.79	37.93	PK-U	33.5	-28.5	42.93	-	-	74	-31.07	-	-	116	212	H
	* 3.793	27.88	ADR	33.5	-28.5	32.88	54	-21.12	-	-	-	-	116	212	H
3	* 4.216	37.74	PK-U	33.5	-27.6	43.64	-	-	74	-30.36	-	-	331	146	H
	* 4.215	27.46	ADR	33.5	-27.6	33.36	54	-20.64	-	-	-	-	331	146	H
4	* 4.673	38.13	PK-U	34.1	-27.7	44.53	-	-	74	-29.47	-	-	303	381	V
	* 4.674	28.1	ADR	34.1	-27.7	34.5	54	-19.5	-	-	-	-	303	381	V
5	* 4.863	36.42	PK-U	34.1	-25.2	45.32	-	-	74	-28.68	-	-	164	179	V
	* 4.864	26.95	ADR	34.1	-25.2	35.85	54	-18.15	-	-	-	-	164	179	V
6	* 12.286	34.15	PK-U	39	-21.4	51.75	-	-	74	-22.25	-	-	245	221	V
	* 12.285	24.38	ADR	39	-21.4	41.98	54	-12.02	-	-	-	-	245	221	V

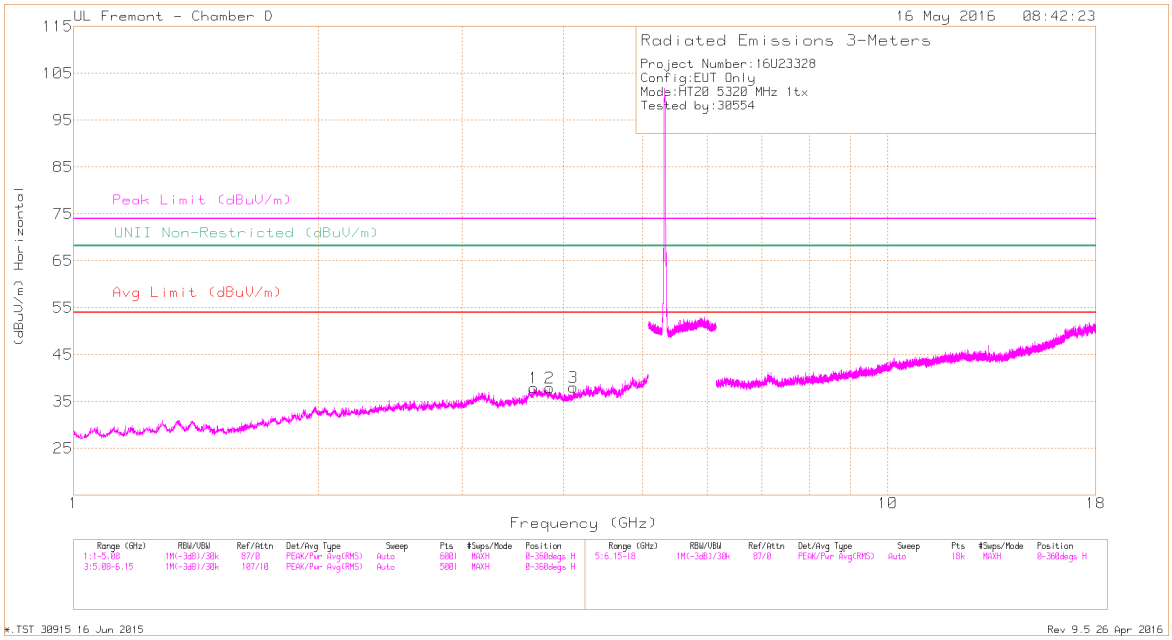
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

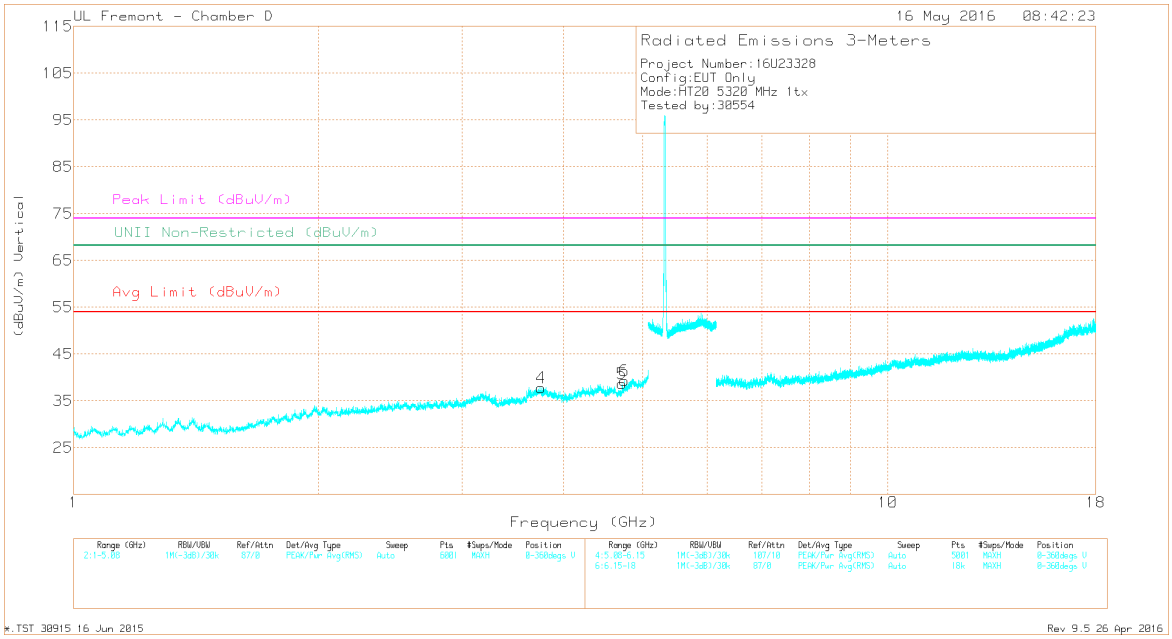
ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



DATA

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.672	37.9	PK-U	33.5	-29	42.4	-	-	74	-31.6	-	-	56	327	H
	* 3.671	27.89	ADR	33.4	-28.9	32.39	54	-21.61	-	-	-	-	56	327	H
2	* 3.845	38	PK-U	33.5	-28.6	42.9	-	-	74	-31.1	-	-	107	112	H
	* 3.845	28.1	ADR	33.5	-28.6	33	54	-21	-	-	-	-	107	112	H
3	* 4.11	37.97	PK-U	33.6	-28.4	43.17	-	-	74	-30.83	-	-	226	222	H
	* 4.11	27.48	ADR	33.6	-28.4	32.68	54	-21.32	-	-	-	-	226	222	H
4	* 3.749	38.39	PK-U	33.5	-28.8	43.09	-	-	74	-30.91	-	-	357	316	V
	* 3.746	27.69	ADR	33.5	-28.8	32.39	54	-21.61	-	-	-	-	357	316	V
5	* 4.715	38.45	PK-U	34	-27.8	44.65	-	-	74	-29.35	-	-	284	221	V
	* 4.713	28.08	ADR	34	-27.8	34.28	54	-19.72	-	-	-	-	284	221	V
6	* 4.747	37.79	PK-U	34	-27.3	44.49	-	-	74	-29.51	-	-	64	146	V
	* 4.746	27.58	ADR	34	-27.3	34.28	54	-19.72	-	-	-	-	64	146	V

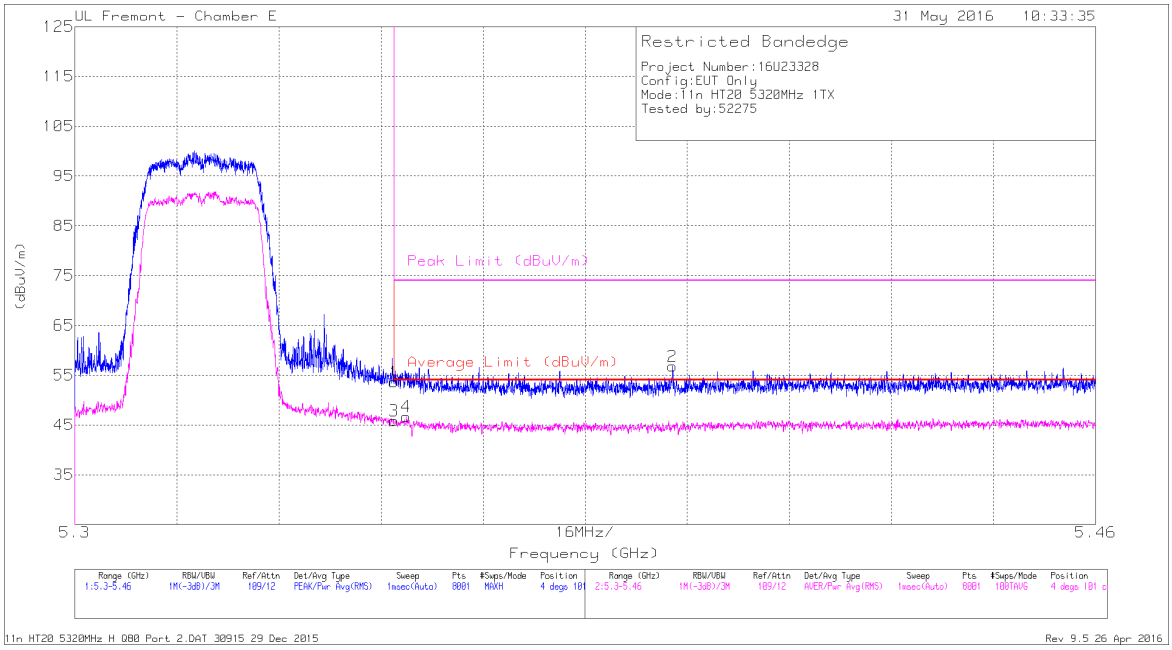
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

RESTRICTED BANDEDGE, CHAIN 1 (HIGH CHANNEL)

HIGH CHANNEL HORIZONTAL PLOT

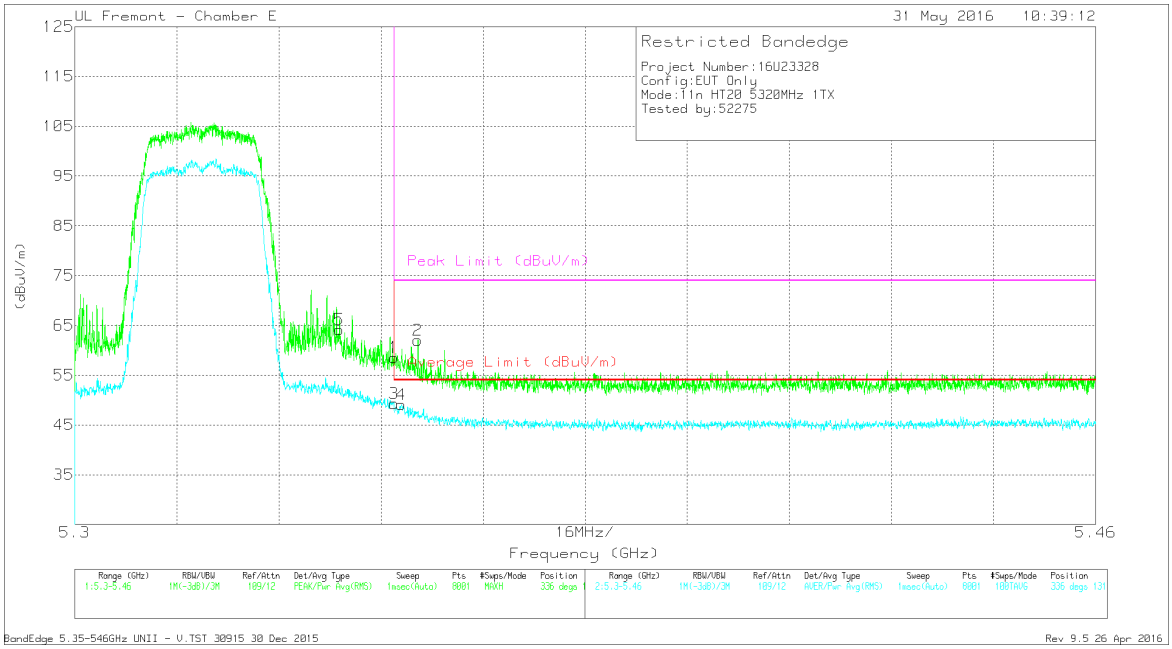


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	* 5.35	38.81	Pk	34.4	-19.6	53.61	-	-	74	-20.39	4	101	H
2	* 5.394	41.89	Pk	34.4	-19.5	56.79	-	-	74	-17.21	4	101	H
3	* 5.35	31.03	RMS	34.4	-19.6	45.83	54	-8.17	-	-	4	101	H
4	* 5.352	31.89	RMS	34.4	-19.6	46.69	54	-7.31	-	-	4	101	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

HIGH CHANNEL VERTICAL PLOT



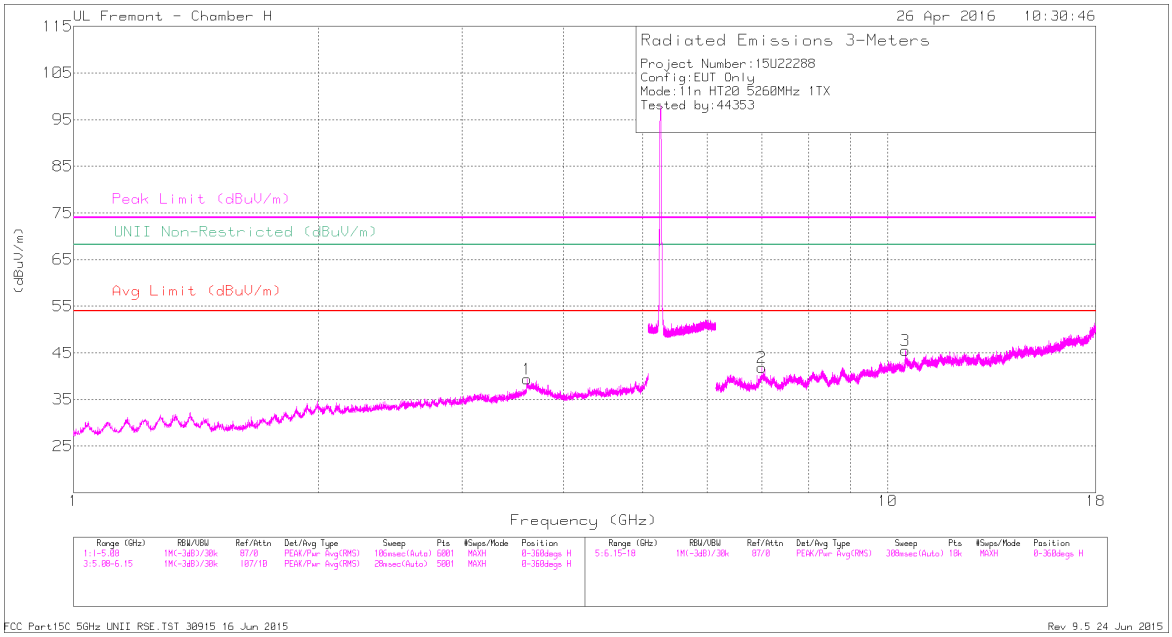
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	* 5.35	43.76	Pk	34.4	-19.6	58.56	-	-	74	-15.44	336	131	V
2	* 5.354	47.22	Pk	34.4	-19.6	62.02	-	-	74	-11.98	336	131	V
3	* 5.35	34.51	RMS	34.4	-19.6	49.31	54	-4.69	-	-	336	131	V
4	* 5.351	34.31	RMS	34.4	-19.6	49.11	54	-4.89	-	-	336	131	V
5	5.341	49.26	Pk	34.4	-19.5	64.16	-	-	-	-	336	131	V

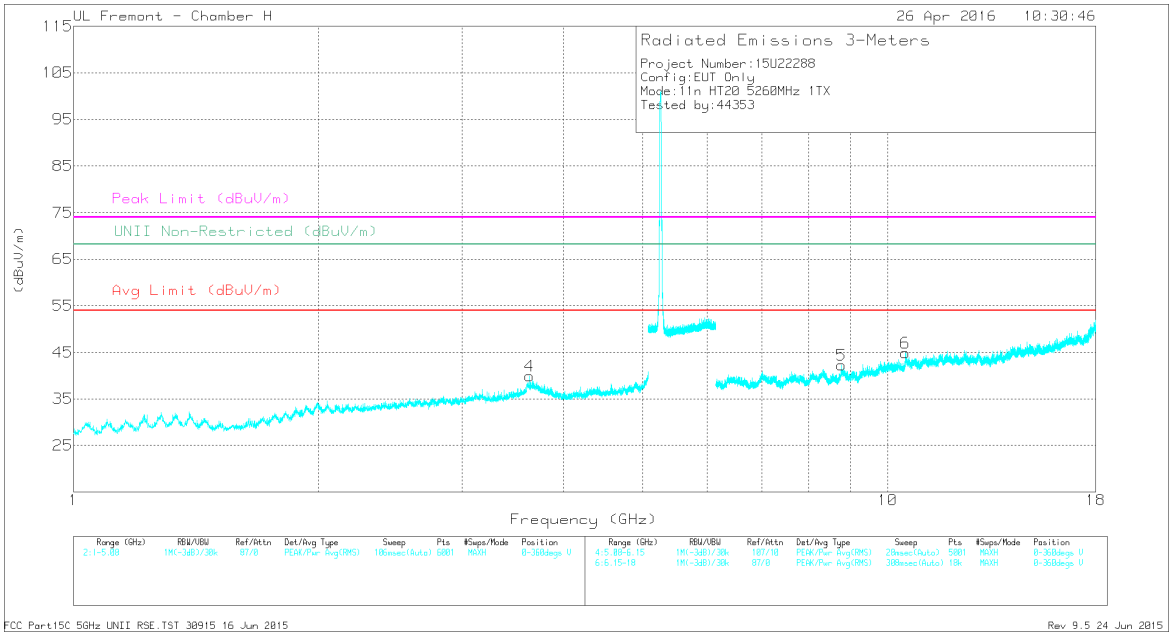
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS

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)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.607	39.96	PK-U	34.9	-28.8	46.06	-	-	74	-27.94	-	-	360	100	H
	* 3.609	27.68	ADR	34.9	-28.7	33.88	54	-20.12	-	-	-	-	360	100	H
4	* 3.635	38.76	PK-U	34.9	-28.5	45.16	-	-	74	-28.84	-	-	360	201	V
	* 3.634	27.51	ADR	34.9	-28.5	33.91	54	-20.09	-	-	-	-	360	201	V
2	7.003	37.36	PK-U	35.7	-25.1	47.96	-	-	-	-	68.2	-20.24	360	100	H
5	8.767	36.04	PK-U	36.1	-24.1	48.04	-	-	-	-	68.2	-20.16	10	201	V
3	10.519	41.01	PK-U	37.8	-21.6	57.21	-	-	-	-	68.2	-10.99	10	154	H
6	10.522	39.2	PK-U	37.8	-21.6	55.4	-	-	-	-	68.2	-12.8	1	208	V

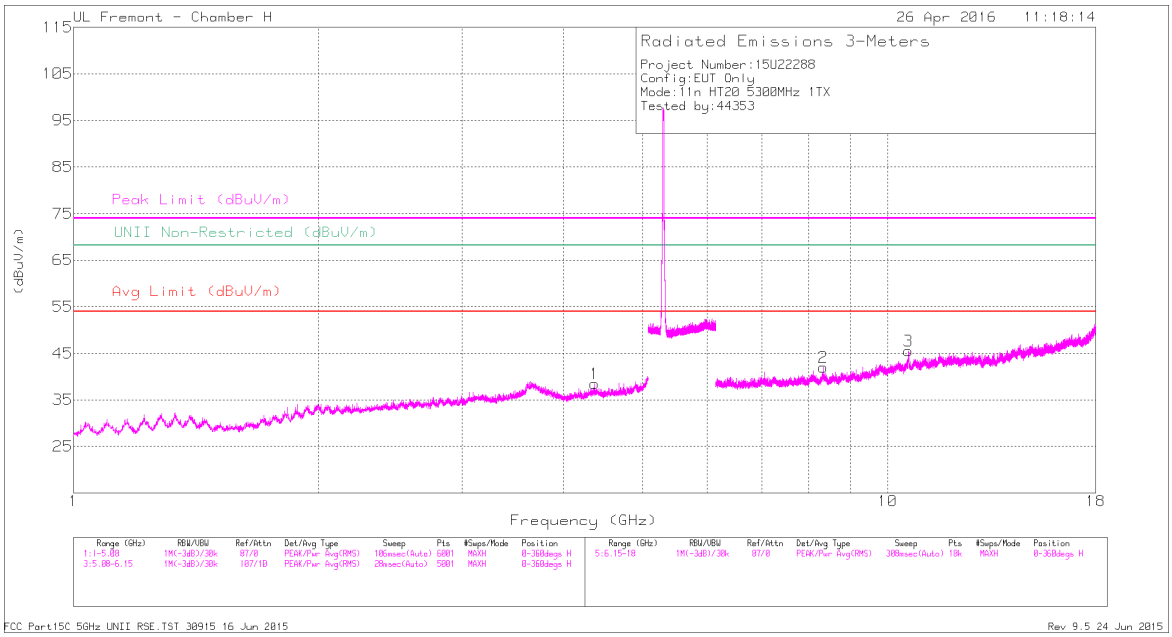
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

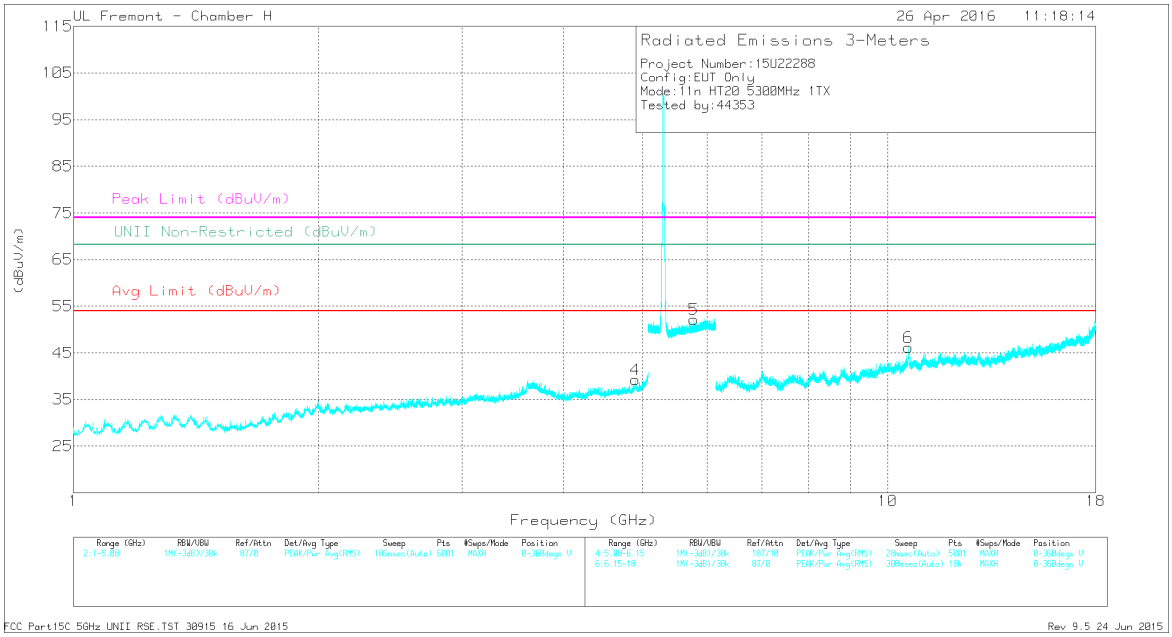
ADR - U-NII AD primary method, RMS average

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL HORIZONTAL PLOT



MID 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)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.363	38.44	PK-U	33.6	-27.1	44.94	-	-	74	-29.06	-	-	2	201	H
	* 4.364	26.74	ADR	33.6	-27.1	33.24	54	-20.76	-	-	-	-	2	201	H
4	* 4.901	38.8	PK-U	34	-27	45.8	-	-	74	-28.2	-	-	2	201	V
	* 4.901	27.57	ADR	34	-27	34.57	54	-19.43	-	-	-	-	2	201	V
2	* 10.602	42.36	PK-U	38	-21.6	58.76	-	-	74	-15.24	-	-	14	150	H
	* 10.601	27.48	ADR	38	-21.5	43.98	54	-10.02	-	-	-	-	14	150	H
3	* 8.325	34.71	PK-U	35.9	-23	47.61	-	-	74	-26.39	-	-	2	201	H
	* 8.325	23.97	ADR	35.9	-23	36.87	54	-17.13	-	-	-	-	2	201	H
6	* 10.605	40.74	PK-U	38	-21.6	57.14	-	-	74	-16.86	-	-	2	184	V
	* 10.605	25.61	ADR	38	-21.6	42.01	54	-11.99	-	-	-	-	2	184	V
5	5.778	41.35	PK-U	34.9	-18.5	57.75	-	-	-	-	68.2	-10.45	2	201	V

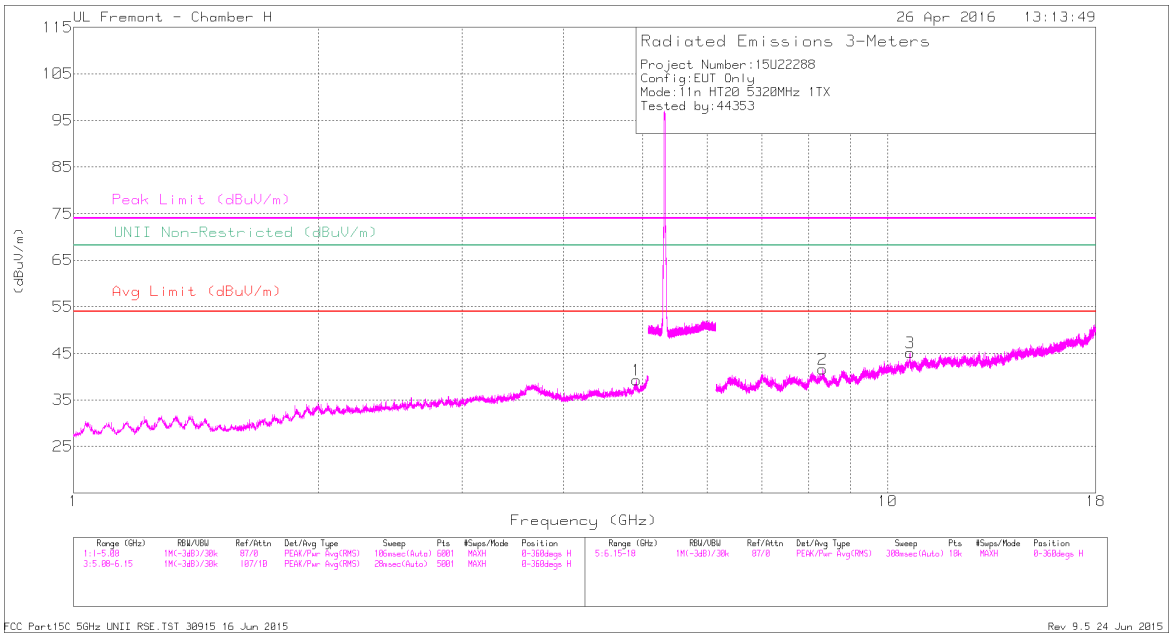
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

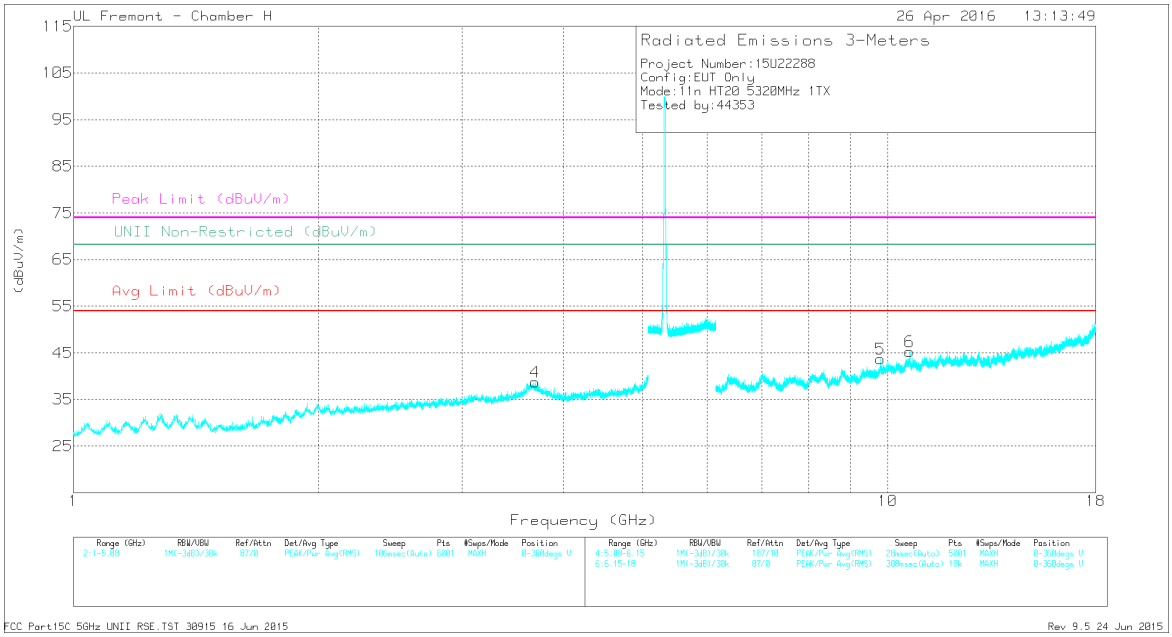
ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL HORIZONTAL PLOT



HIGH 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)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.917	38.24	PK-U	34	-27.1	45.14	-	-	74	-28.86	-	-	1	202	H
	* 4.916	27.24	ADR	34	-27.1	34.14	54	-19.86	-	-	-	-	1	202	H
4	* 3.689	38.26	PK-U	34.9	-28.2	44.96	-	-	74	-29.04	-	-	1	202	V
	* 3.692	27.31	ADR	34.9	-28.2	34.01	54	-19.99	-	-	-	-	1	202	V
2	* 8.318	34.79	PK-U	35.9	-23	47.69	-	-	74	-26.31	-	-	1	202	H
	* 8.316	23.92	ADR	35.9	-23.1	36.72	54	-17.28	-	-	-	-	1	202	H
3	* 10.64	40.52	PK-U	38	-21.9	56.62	-	-	74	-17.38	-	-	14	144	H
	* 10.64	26.71	ADR	38	-21.9	42.81	54	-11.19	-	-	-	-	14	144	H
6	* 10.643	39.15	PK-U	38	-22	55.15	-	-	74	-18.85	-	-	360	208	V
	* 10.639	25.77	ADR	38	-21.9	41.87	54	-12.13	-	-	-	-	360	208	V
5	9.783	34.53	PK-U	37.3	-22.1	49.73	-	-	-	-	68.2	-18.47	360	200	V

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

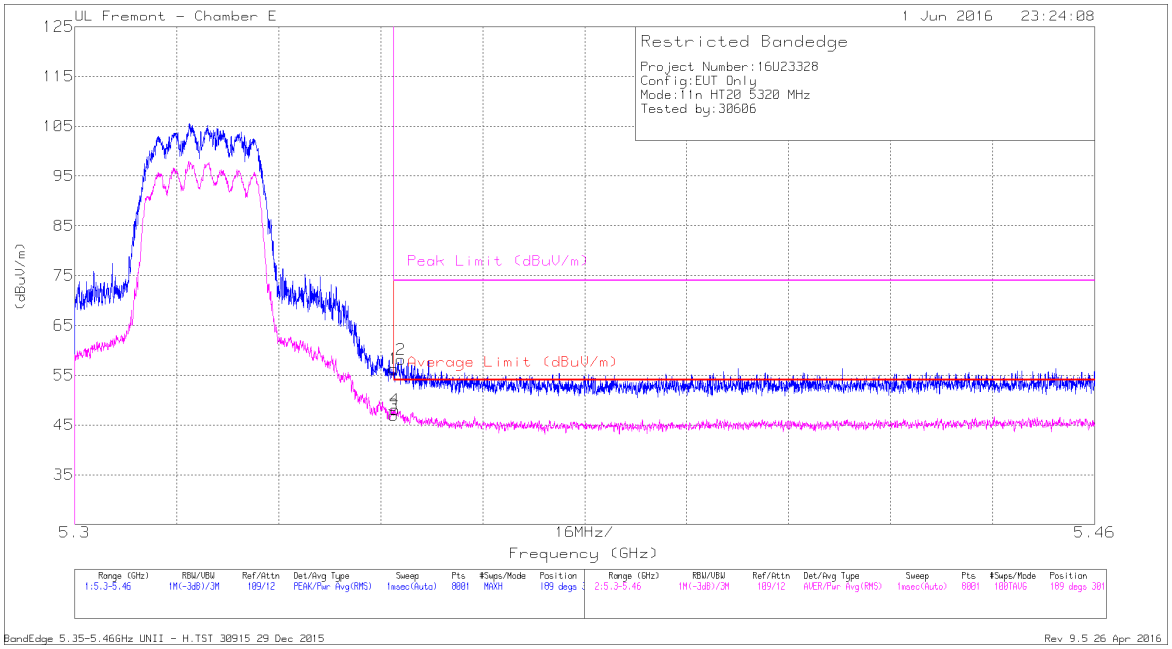
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

8.9. 802.11n HT20 2Tx CDD MODE IN THE 5.3 GHz

BAND RESTRICTED BANDEDGE (HIGH CHANNEL)

HIGH CHANNEL HORIZONTAL PLOT

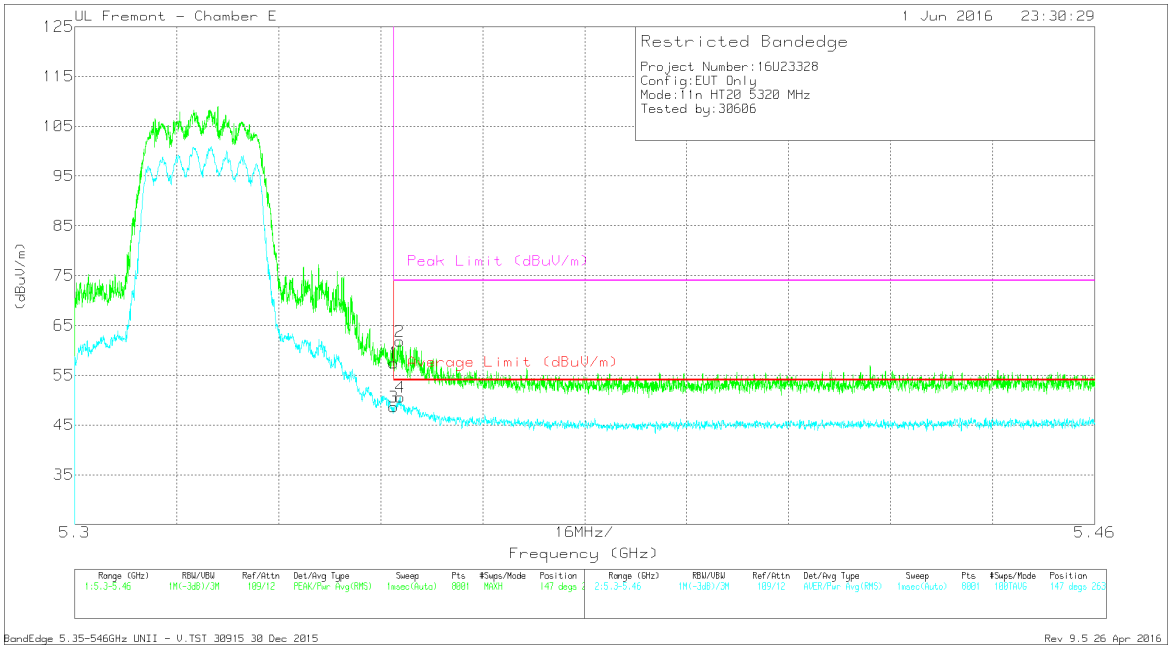


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	41.47	Pk	34.4	-19.6	0	56.27	-	-	74	-17.73	189	301	H
3	* 5.35	32.14	RMS	34.4	-19.6	0	46.94	54	-7.06	-	-	189	301	H
4	* 5.35	33.28	RMS	34.4	-19.6	0	48.08	54	-5.92	-	-	189	301	H
2	* 5.351	43.33	Pk	34.4	-19.6	0	58.13	-	-	74	-15.87	189	301	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

HIGH CHANNEL VERTICAL PLOT



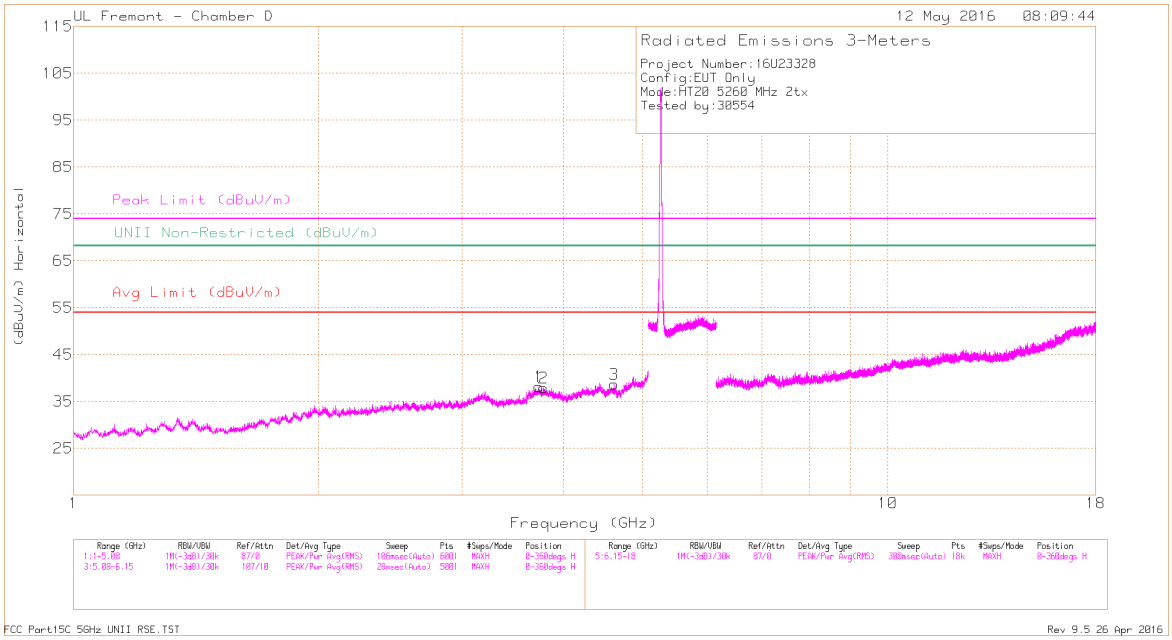
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	42.64	Pk	34.4	-19.6	0	57.44	-	-	74	-16.56	147	263	V
3	* 5.35	33.8	RMS	34.4	-19.6	0	48.6	54	-5.4	-	-	147	263	V
2	* 5.351	46.98	Pk	34.4	-19.6	0	61.78	-	-	74	-12.22	147	263	V
4	* 5.351	35.77	RMS	34.4	-19.6	0	50.57	54	-3.43	-	-	147	263	V

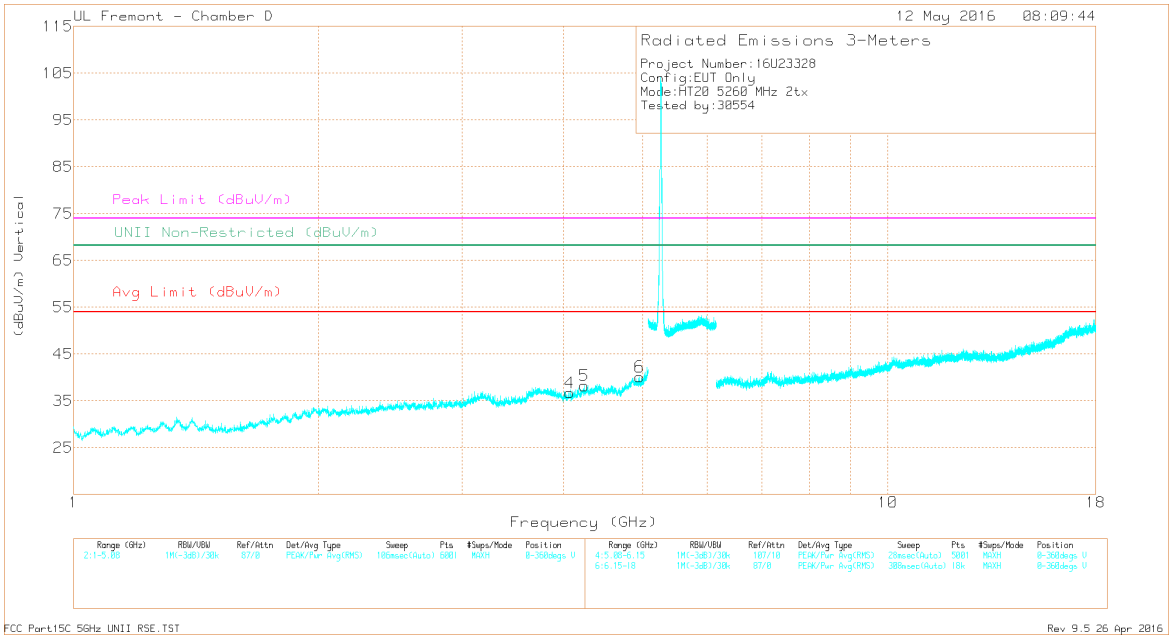
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL PLOT



LOW CHANNEL VERTICAL PLOT



DATA

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.727	37.62	PK-U	33.5	-28.9	42.22	-	-	74	-31.78	-	-	332	165	H
	* 3.728	28.02	ADR	33.5	-28.9	32.62	54	-21.38	-	-	-	-	332	165	H
2	* 3.776	37.91	PK-U	33.5	-28.6	42.81	-	-	74	-31.19	-	-	264	244	H
	* 3.774	27.84	ADR	33.5	-28.6	32.74	54	-21.26	-	-	-	-	264	244	H
3	* 4.613	36.74	PK-U	34.2	-26.5	44.44	-	-	74	-29.56	-	-	225	163	H
	* 4.612	26.51	ADR	34.2	-26.5	34.21	54	-19.79	-	-	-	-	225	163	H
4	* 4.064	37.88	PK-U	33.5	-28.6	42.78	-	-	74	-31.22	-	-	157	214	V
	* 4.066	27.71	ADR	33.5	-28.6	32.61	54	-21.39	-	-	-	-	157	214	V
5	* 4.236	36.95	PK-U	33.5	-27.4	43.05	-	-	74	-30.95	-	-	68	175	V
	* 4.237	27.18	ADR	33.5	-27.4	33.28	54	-20.72	-	-	-	-	68	175	V
6	* 4.959	38.26	PK-U	34.1	-26.6	45.76	-	-	74	-28.24	-	-	115	127	V
	* 4.957	27.69	ADR	34.1	-26.6	35.19	54	-18.81	-	-	-	-	115	127	V

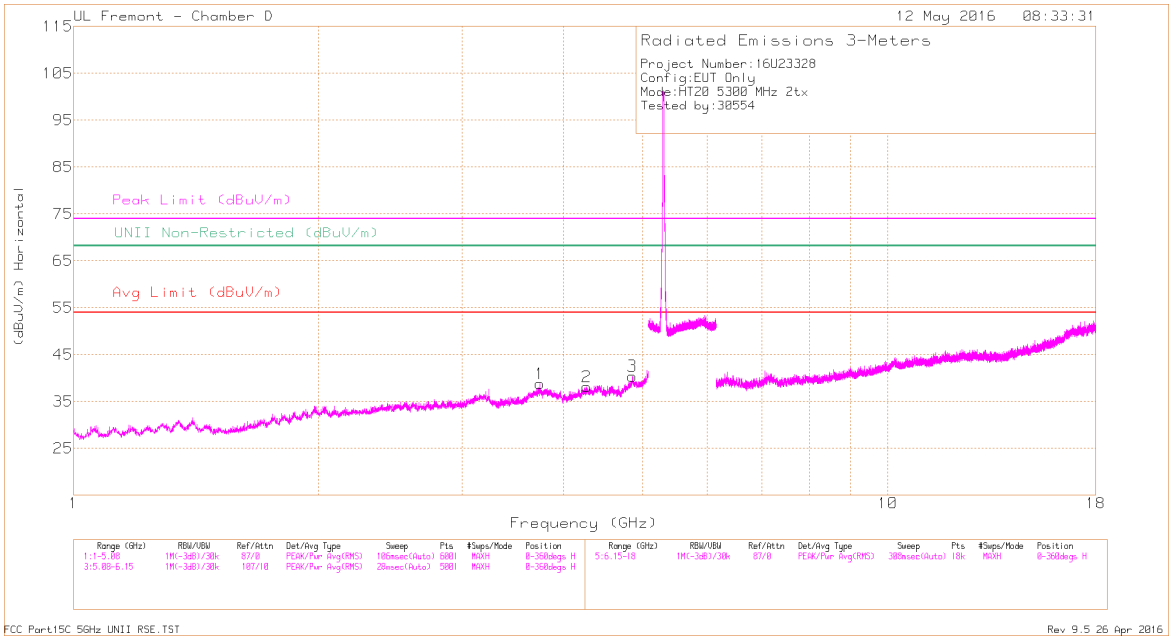
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

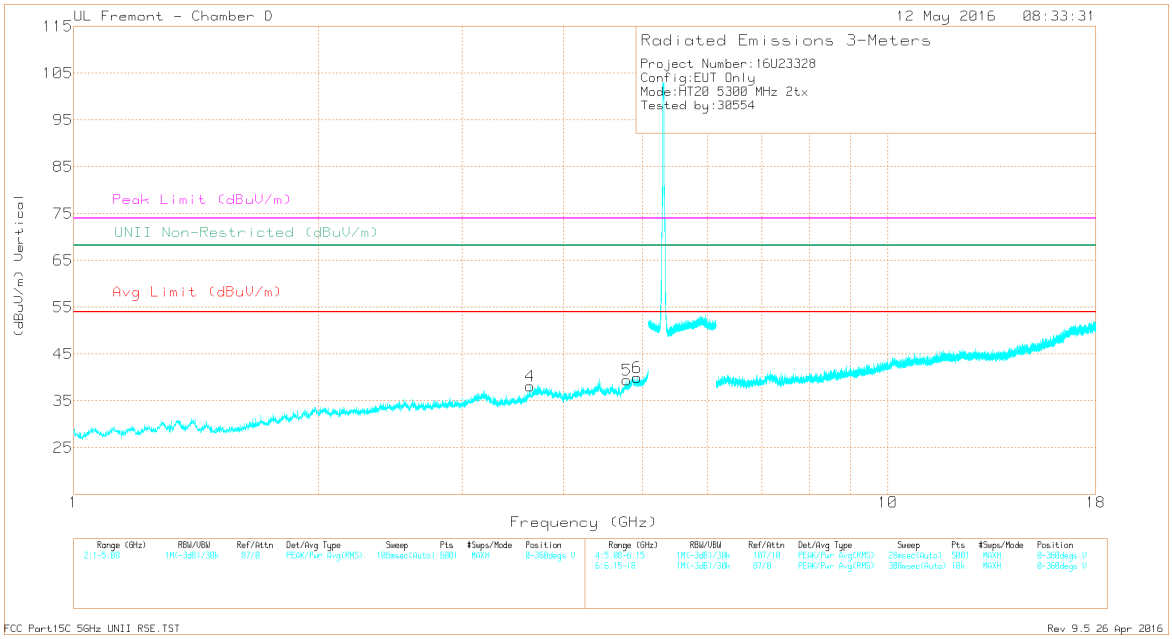
ADR - U-NII AD primary method, RMS average

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL HORIZONTAL PLOT



MID CHANNEL VERTICAL PLOT



DATA

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.739	38.54	PK-U	33.5	-28.9	43.14	-	-	74	-30.86	-	-	36	112	H
	* 3.74	28.07	ADR	33.5	-28.9	32.67	54	-21.33	-	-	-	-	36	112	H
2	* 4.264	36.96	PK-U	33.5	-27.4	43.06	-	-	74	-30.94	-	-	68	135	H
	* 4.264	27.15	ADR	33.5	-27.4	33.25	54	-20.75	-	-	-	-	68	135	H
3	* 4.853	37.19	PK-U	34.1	-25.4	45.89	-	-	74	-28.11	-	-	112	147	H
	* 4.853	26.88	ADR	34.1	-25.4	35.58	54	-18.42	-	-	-	-	112	147	H
4	* 3.635	37.99	PK-U	33.4	-28.8	42.59	-	-	74	-31.41	-	-	224	221	V
	* 3.632	28	ADR	33.4	-28.8	32.6	54	-21.4	-	-	-	-	224	221	V
5	* 4.781	37.33	PK-U	34	-27.3	44.03	-	-	74	-29.97	-	-	35	232	V
	* 4.78	27.58	ADR	34	-27.3	34.28	54	-19.72	-	-	-	-	35	232	V
6	* 4.923	36.63	PK-U	34.1	-26.3	44.43	-	-	74	-29.57	-	-	165	187	V
	* 4.924	26.9	ADR	34.1	-26.3	34.7	54	-19.3	-	-	-	-	165	187	V

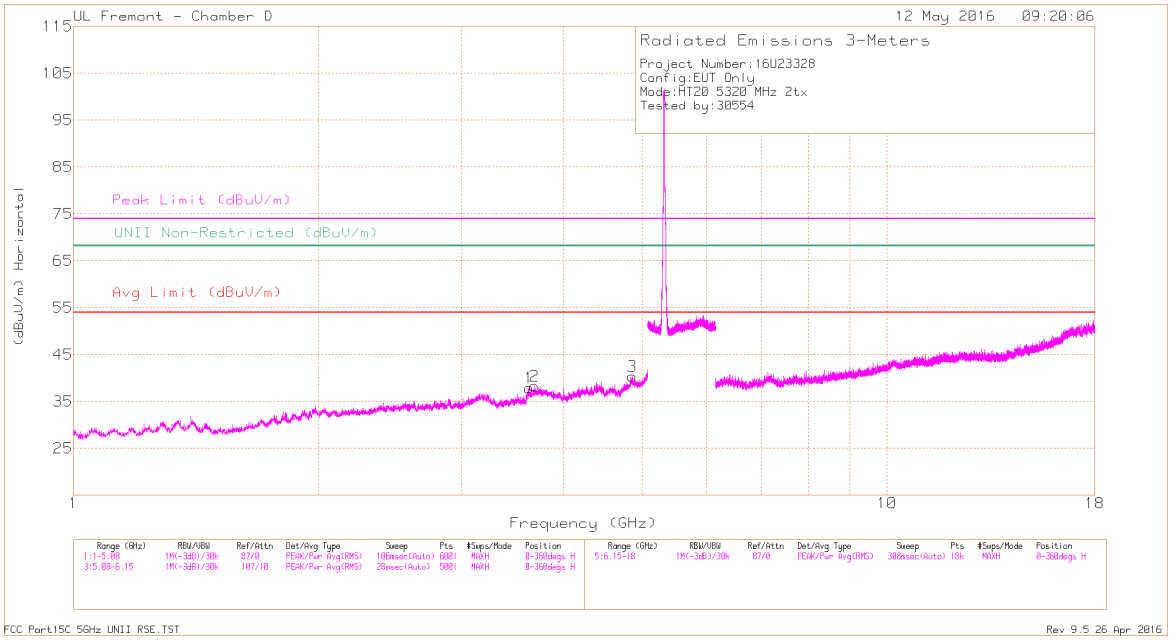
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

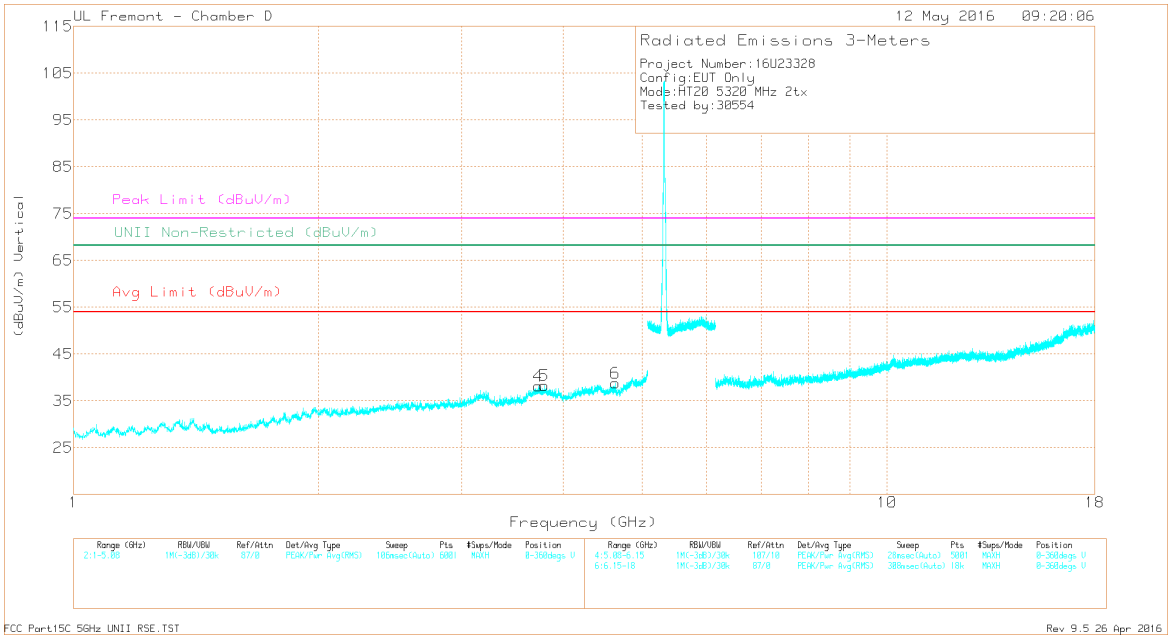
ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



DATA

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.631	38.07	PK-U	33.4	-28.9	42.57	-	-	74	-31.43	-	-	115	132	H
	* 3.63	27.96	ADR	33.4	-28.9	32.46	54	-21.54	-	-	-	-	115	132	H
2	* 3.689	38.46	PK-U	33.5	-29	42.96	-	-	74	-31.04	-	-	328	189	H
	* 3.687	28.02	ADR	33.5	-29	32.52	54	-21.48	-	-	-	-	328	189	H
3	* 4.864	36.56	PK-U	34.1	-25.2	45.46	-	-	74	-28.54	-	-	314	265	H
	* 4.864	26.62	ADR	34.1	-25.2	35.52	54	-18.48	-	-	-	-	314	265	H
4	* 3.725	38.4	PK-U	33.5	-28.9	43	-	-	74	-31	-	-	224	247	V
	* 3.724	28.03	ADR	33.5	-28.9	32.63	54	-21.37	-	-	-	-	224	247	V
5	* 3.792	37.97	PK-U	33.5	-28.5	42.97	-	-	74	-31.03	-	-	165	221	V
	* 3.792	27.97	ADR	33.5	-28.5	32.97	54	-21.03	-	-	-	-	165	221	V
6	* 4.63	37.75	PK-U	34.1	-26.6	45.25	-	-	74	-28.75	-	-	174	147	V
	* 4.632	27.05	ADR	34.1	-26.7	34.45	54	-19.55	-	-	-	-	174	147	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

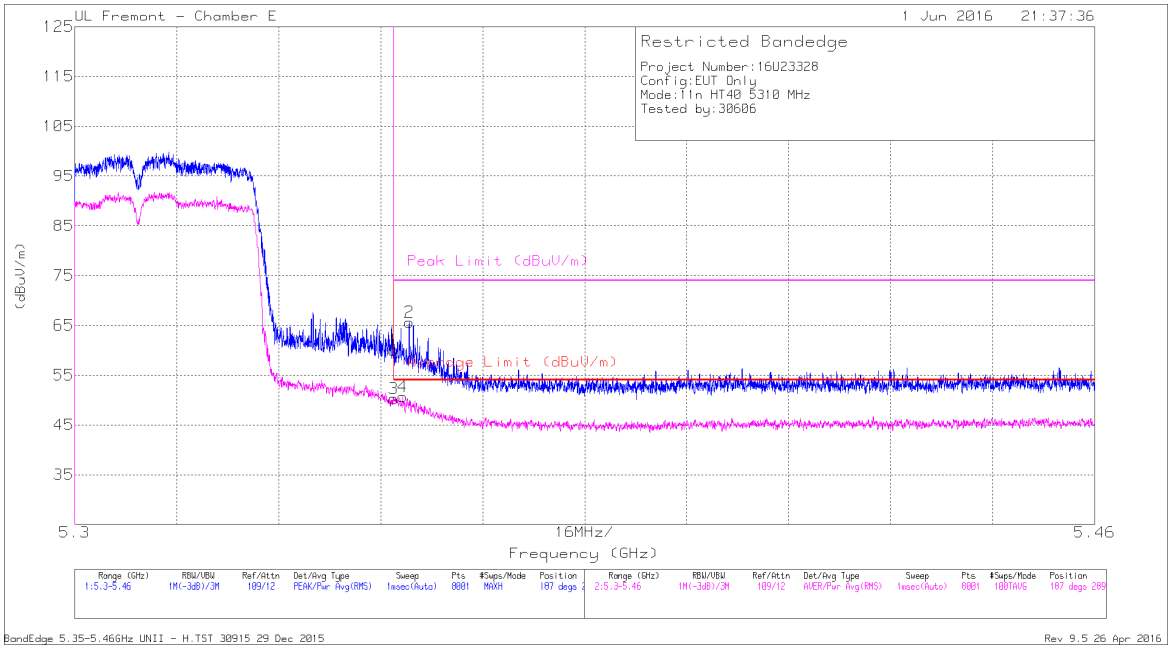
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

8.10. 802.11n HT40 1Tx MODE IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE,CHAIN 0 (HIGH CHANNEL)

HIGH CHANNEL HORIZONTAL PLOT

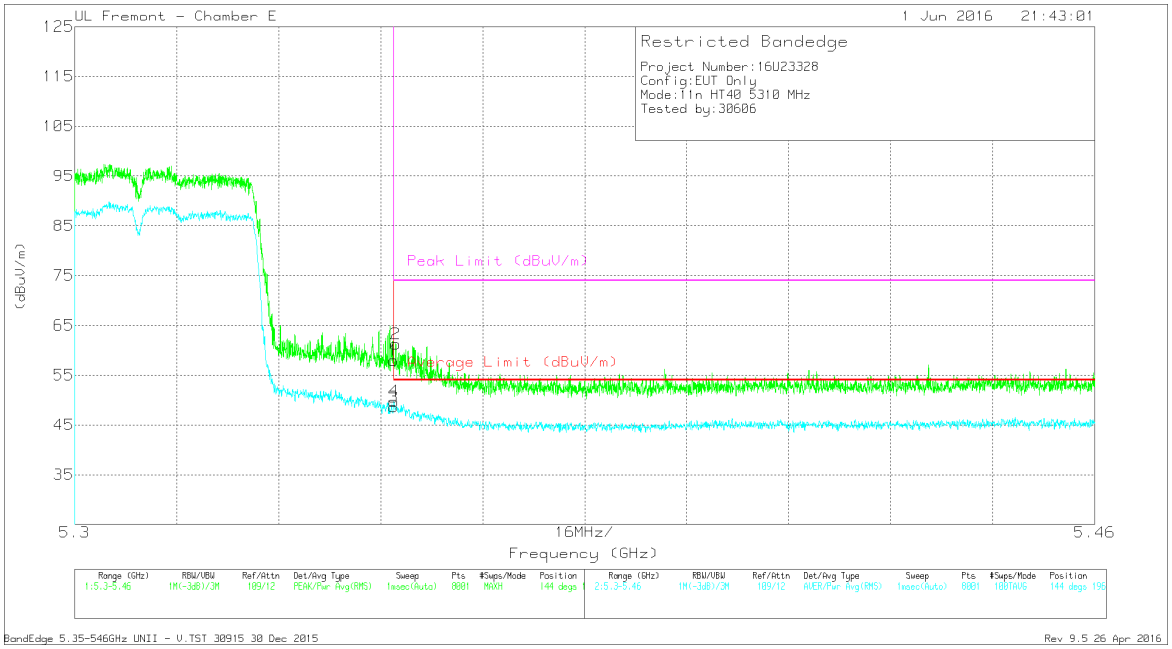


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	45.25	Pk	34.4	-19.6	0	60.05	-	-	74	-13.95	187	289	H
3	* 5.35	35.47	RMS	34.4	-19.6	0	50.27	54	-3.73	-	-	187	289	H
4	* 5.351	35.88	RMS	34.4	-19.6	0	50.68	54	-3.32	-	-	187	289	H
2	* 5.352	50.84	Pk	34.4	-19.6	0	65.64	-	-	74	-8.36	187	289	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

HIGH CHANNEL VERTICAL PLOT



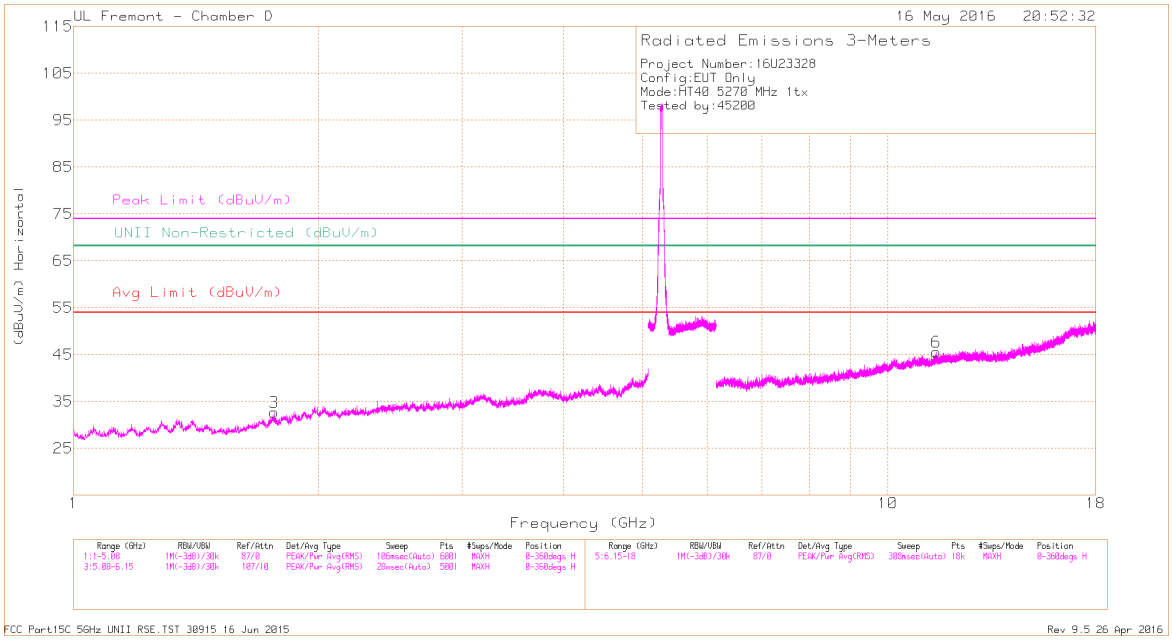
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	43.18	Pk	34.4	-19.6	0	57.98	-	-	74	-16.02	144	196	V
2	* 5.35	46.48	Pk	34.4	-19.6	0	61.28	-	-	74	-12.72	144	196	V
3	* 5.35	33.79	RMS	34.4	-19.6	0	48.59	54	-5.41	-	-	144	196	V
4	* 5.35	34.95	RMS	34.4	-19.6	0	49.75	54	-4.25	-	-	144	196	V

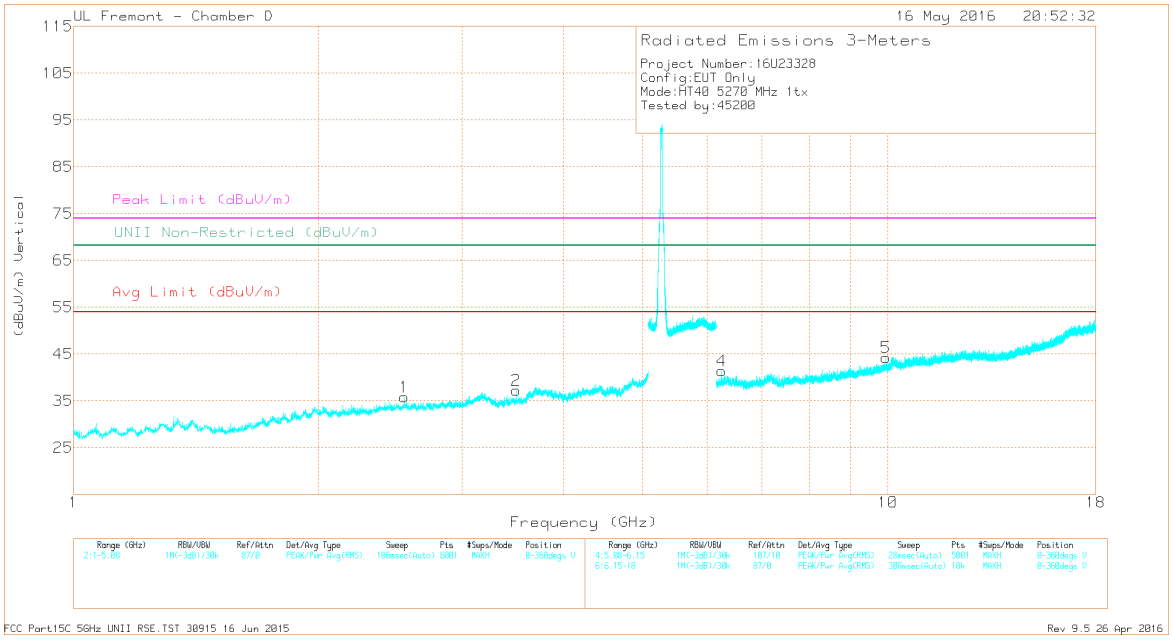
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL PLOT



LOW CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 11.461	33.52	PK-U	38.4	-21.2	50.72	-	-	74	-23.28	-	-	301	257	H
	* 11.462	23.78	ADR	38.4	-21.2	40.98	54	-13.02	-	-	-	-	301	257	H
3	1.762	39.38	PK-U	29.7	-30.8	38.28	-	-	-	-	68.2	-29.92	27	135	H
2	2.547	39.2	PK-U	32.2	-29.6	41.8	-	-	-	-	68.2	-26.4	313	284	V
1	3.497	37.98	PK-U	33	-28.5	42.48	-	-	-	-	68.2	-25.72	214	339	V
4	6.253	37.36	PK-U	35.6	-26	46.96	-	-	-	-	68.2	-21.24	106	162	V
5	9.939	33.45	PK-U	37.2	-21	49.65	-	-	-	-	68.2	-18.55	265	328	V

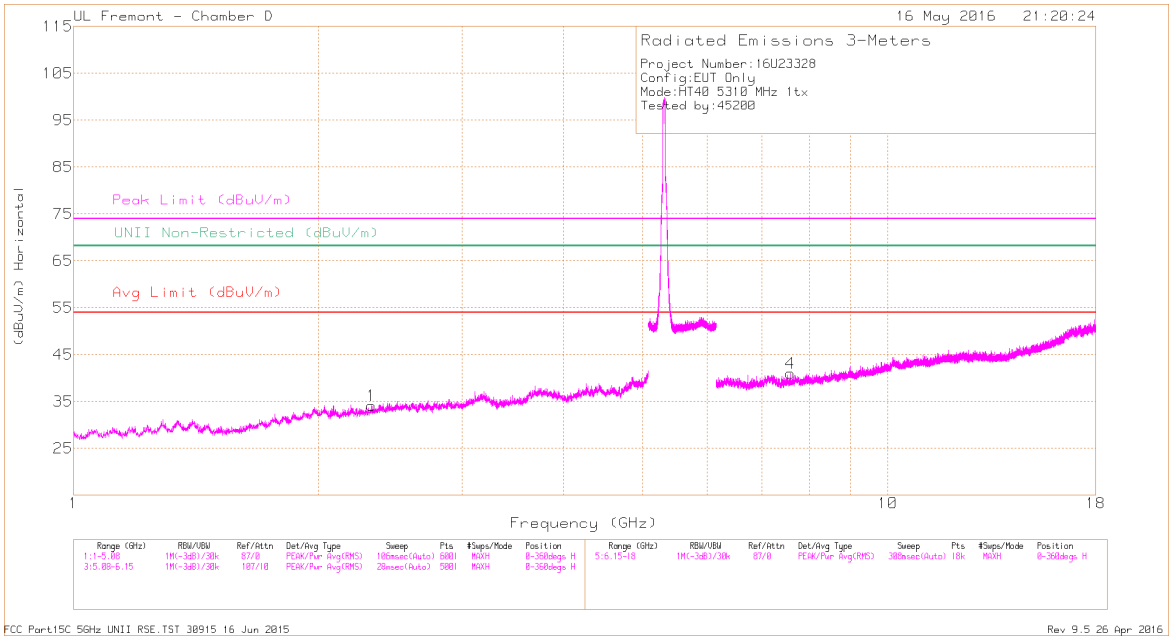
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

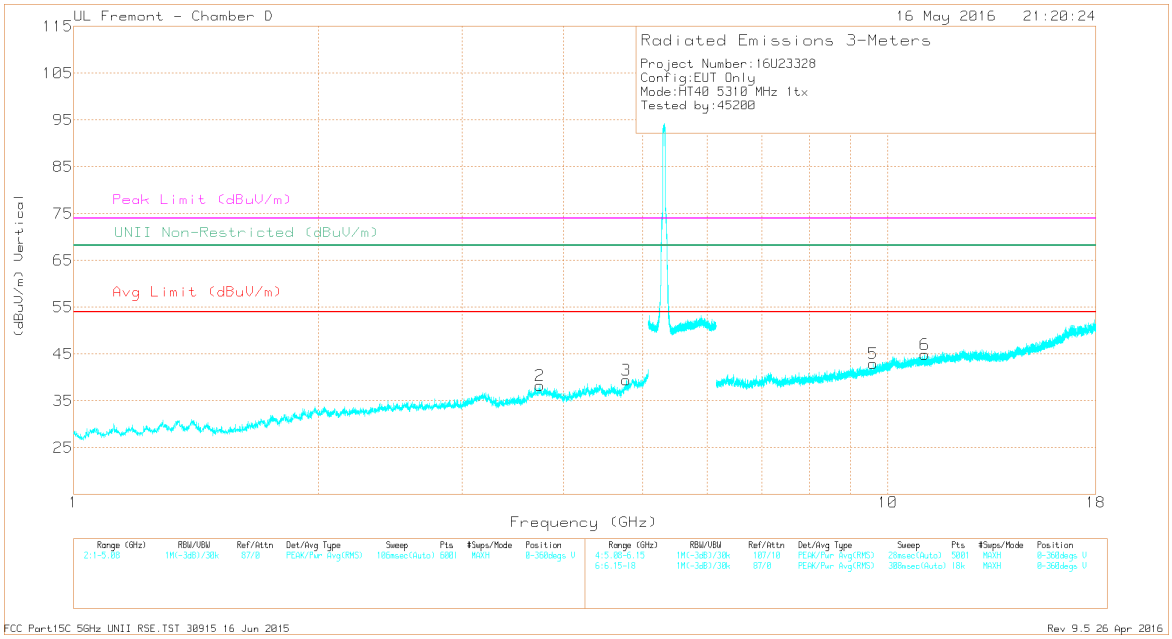
ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



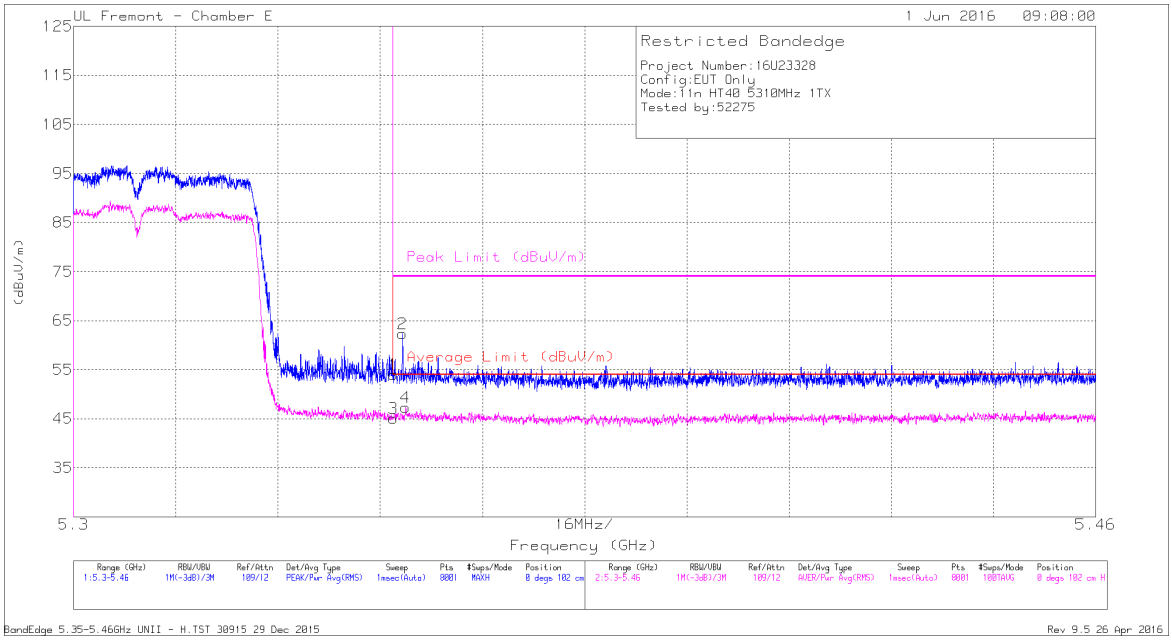
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.32	39.57	PK-U	31.6	-30.4	40.77	-	-	74	-33.23	-	-	298	115	H
	* 2.318	28.79	ADR	31.5	-30.4	29.89	54	-24.11	-	-	-	-	298	115	H
2	* 3.736	38.46	PK-U	33.5	-28.8	43.16	-	-	74	-30.84	-	-	210	223	V
	* 3.737	27.87	ADR	33.5	-28.8	32.57	54	-21.43	-	-	-	-	210	223	V
3	* 4.773	37.37	PK-U	34	-27.2	44.17	-	-	74	-29.83	-	-	79	312	V
	* 4.772	27.42	ADR	34	-27.2	34.22	54	-19.78	-	-	-	-	79	312	V
4	* 7.588	35.62	PK-U	35.8	-25.1	46.32	-	-	74	-27.68	-	-	265	165	H
	* 7.591	25.62	ADR	35.8	-25	36.42	54	-17.58	-	-	-	-	265	165	H
6	* 11.098	33.97	PK-U	38	-21.2	50.77	-	-	74	-23.23	-	-	59	305	V
	* 11.095	23.73	ADR	38	-21.2	40.53	54	-13.47	-	-	-	-	59	305	V
5	9.592	34.47	PK-U	36.7	-21.8	49.37	-	-	-	-	68.2	-18.83	114	154	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

RESTRICTED BANDEDGE, CHAIN 1 (HIGH CHANNEL)

HIGH CHANNEL HORIZONTAL PLOT

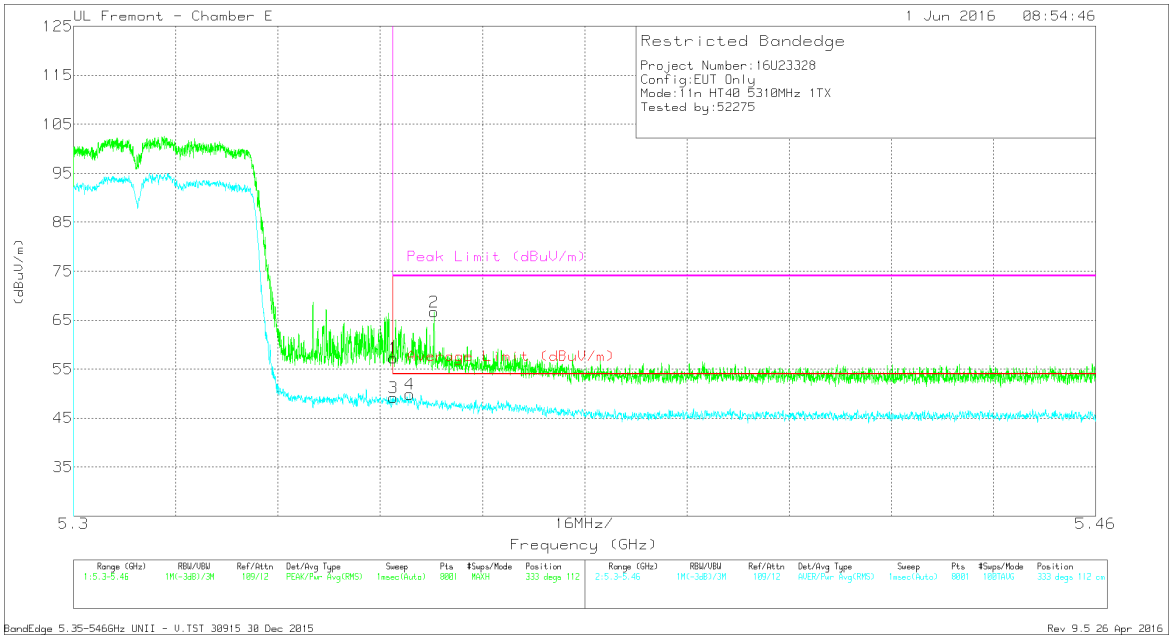


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	* 5.35	39.27	Pk	34.4	-19.6	54.07	-	-	74	-19.93	0	102	H
2	* 5.352	47.57	Pk	34.4	-19.6	62.37	-	-	74	-11.63	0	102	H
3	* 5.35	30.26	RMS	34.4	-19.6	45.06	54	-8.94	-	-	0	102	H
4	* 5.352	32.52	RMS	34.4	-19.6	47.32	54	-6.68	-	-	0	102	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

HIGH CHANNEL VERTICAL PLOT



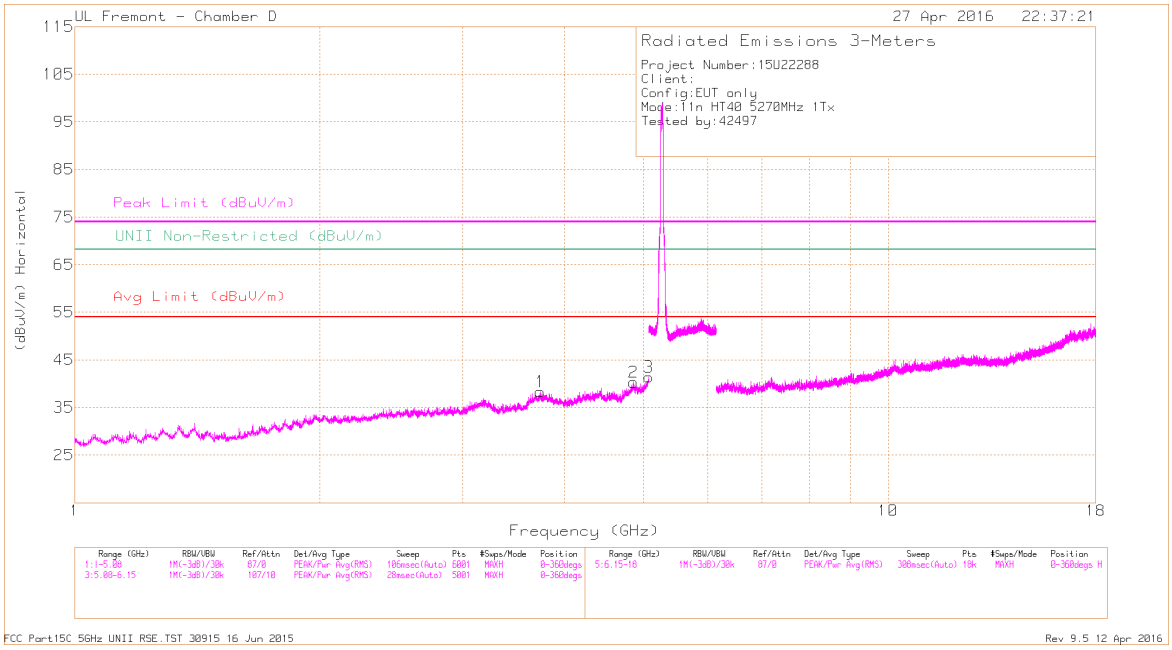
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	* 5.35	42.41	Pk	34.4	-19.6	57.21	-	-	74	-16.79	333	112	V
2	* 5.356	51.87	Pk	34.4	-19.6	66.67	-	-	74	-7.33	333	112	V
3	* 5.35	34.32	RMS	34.4	-19.6	49.12	54	-4.88	-	-	333	112	V
4	* 5.353	35.06	RMS	34.4	-19.6	49.86	54	-4.14	-	-	333	112	V

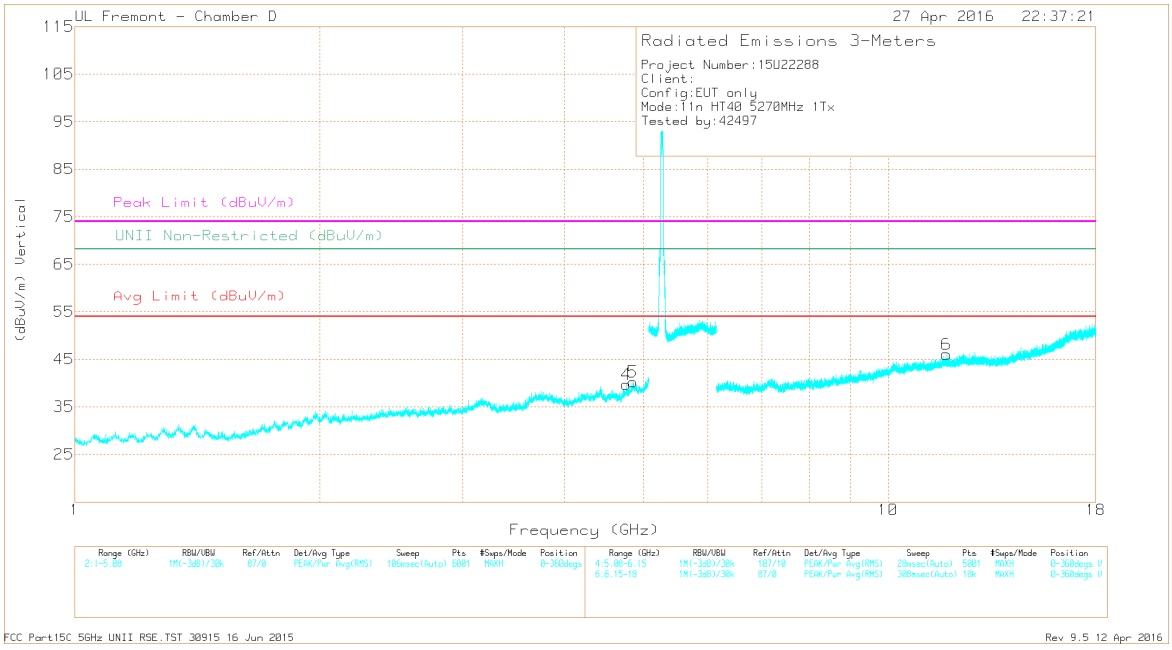
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL PLOT



LOW CHANNEL VERTICAL PLOT



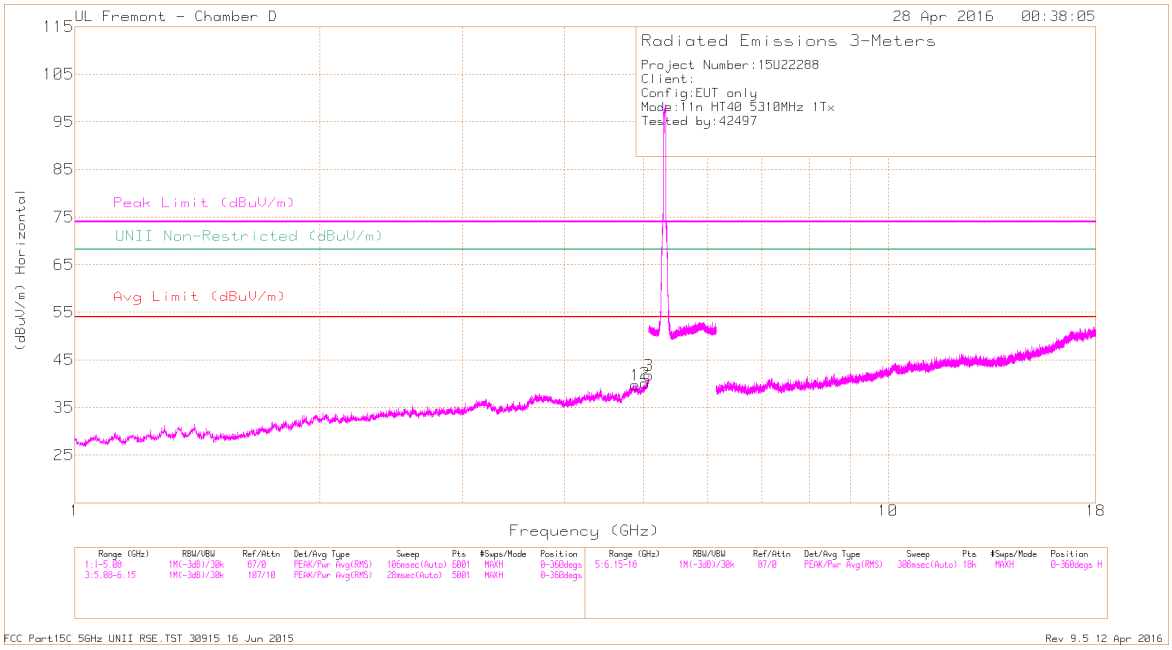
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.735	38.32	PK-U	33.5	-28.8	43.02	-	-	74	-30.98	-	-	124	119	H
	* 3.736	27.58	ADR	33.5	-28.8	32.28	54	-21.72	-	-	-	-	124	119	H
2	* 4.865	36.69	PK-U	34.1	-25.2	45.59	-	-	74	-28.41	-	-	50	193	H
	* 4.865	25.91	ADR	34.1	-25.2	34.81	54	-19.19	-	-	-	-	50	193	H
3	* 5.078	38.89	PK-U	34	-24.3	48.59	-	-	74	-25.41	-	-	11	155	H
	* 5.079	27.5	ADR	34	-24.1	37.4	54	-16.6	-	-	-	-	11	155	H
4	* 4.766	37.1	PK-U	34	-27.2	43.9	-	-	74	-30.1	-	-	320	152	V
	* 4.766	27.01	ADR	34	-27.2	33.81	54	-20.19	-	-	-	-	320	152	V
5	* 4.858	38.13	PK-U	34.1	-25.3	46.93	-	-	74	-27.07	-	-	3	295	V
	* 4.86	26.11	ADR	34.1	-25.2	35.01	54	-18.99	-	-	-	-	3	295	V
6	* 11.792	33.84	PK-U	38.7	-21	51.54	-	-	74	-22.46	-	-	231	370	V
	* 11.794	23.3	ADR	38.7	-21	41	54	-13	-	-	-	-	231	370	V

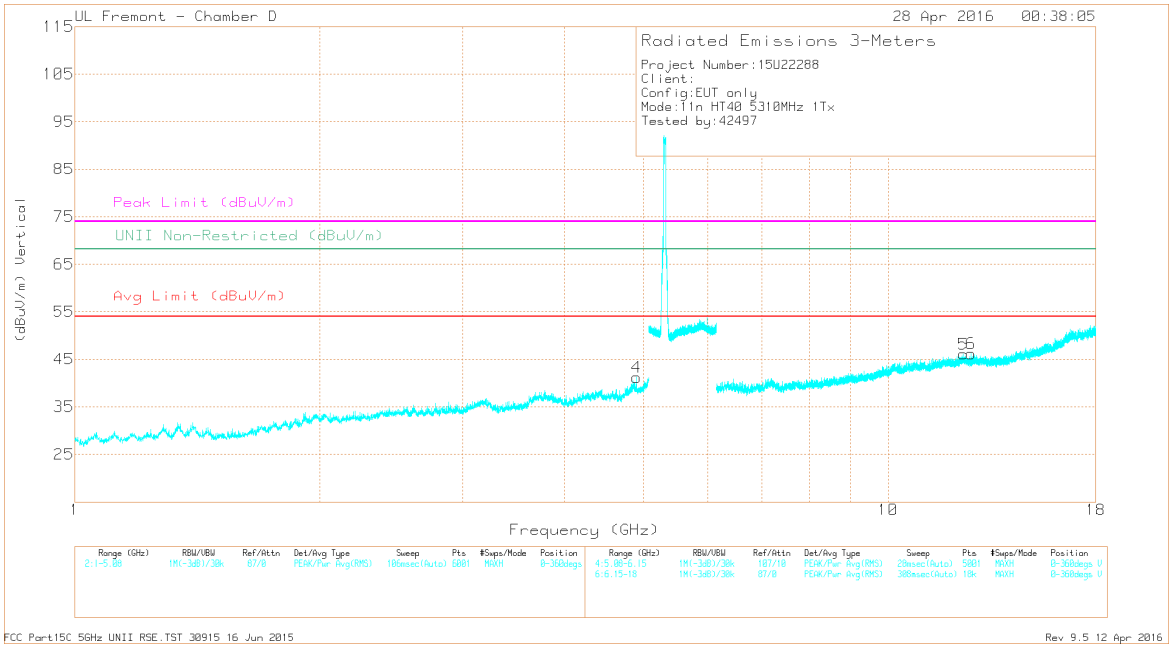
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.888	36.37	PK-U	34.1	-25.3	45.17	-	-	74	-28.83	-	-	325	151	H
	* 4.888	25.71	ADR	34.1	-25.3	34.51	54	-19.49	-	-	-	-	325	151	H
2	* 5.022	37.22	PK-U	34	-25.7	45.52	-	-	74	-28.48	-	-	272	353	H
	* 5.023	26.88	ADR	34	-25.7	35.18	54	-18.82	-	-	-	-	272	353	H
3	* 5.08	37.2	PK-U	34	-24	47.2	-	-	74	-26.8	-	-	350	328	H
	* 5.077	27.02	ADR	34	-24.4	36.62	54	-17.38	-	-	-	-	350	328	H
4	* 4.908	36.9	PK-U	34.1	-25.8	45.2	-	-	74	-28.8	-	-	53	266	V
	* 4.906	26.49	ADR	34.1	-25.8	34.79	54	-19.21	-	-	-	-	53	266	V
5	* 12.373	34.42	PK-U	39	-20.8	52.62	-	-	74	-21.38	-	-	216	210	V
	* 12.375	23.36	ADR	39	-20.8	41.56	54	-12.44	-	-	-	-	216	210	V
6	* 12.651	35.25	PK-U	39.1	-21.8	52.55	-	-	74	-21.45	-	-	256	328	V
	* 12.65	23.73	ADR	39.1	-21.7	41.13	54	-12.87	-	-	-	-	256	328	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average