RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Low	5755	4.06	30.00
High	5795	4.06	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	10.10	9.70	12.91	30.00	-17.09
High	5795	15.60	15.10	18.37	30.00	-11.63

Note: the power readings above were measured with gated method, and the measurement was taken only during the ON time. No duty cycle correction was necessary.

8.61.2. Maximum Power Spectral Density (PSD)

LIMITS

FCC §15.407 (a) (3)

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

For PSD, 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)
3.09	4.86	8.03

RESULTS

Antenna Gain and Limit

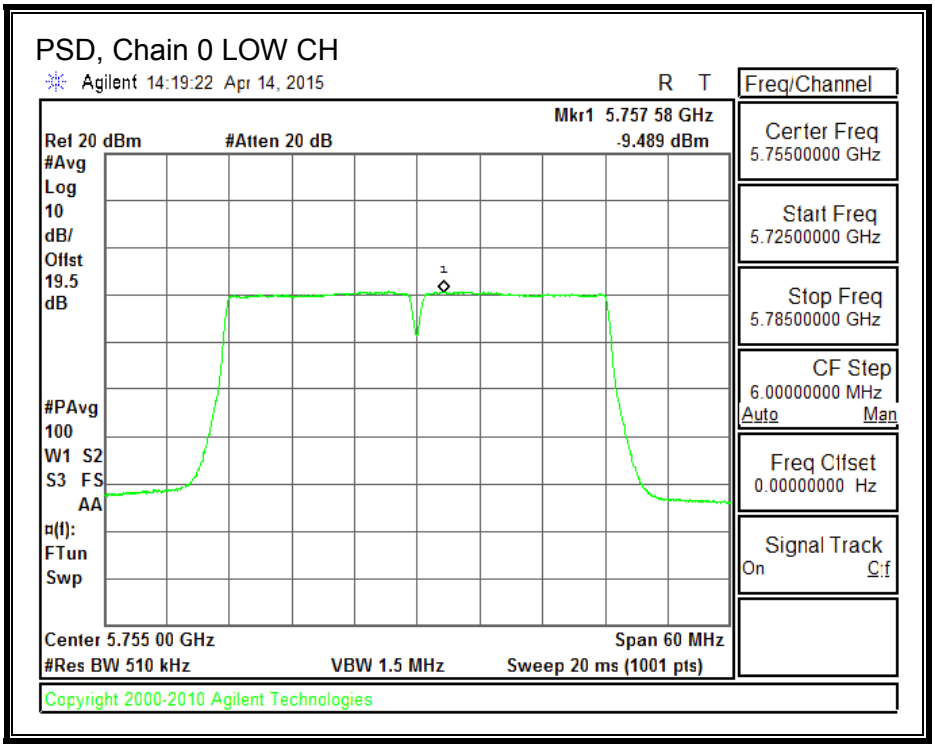
Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Low	5755	8.03	27.97
High	5795	8.03	27.97

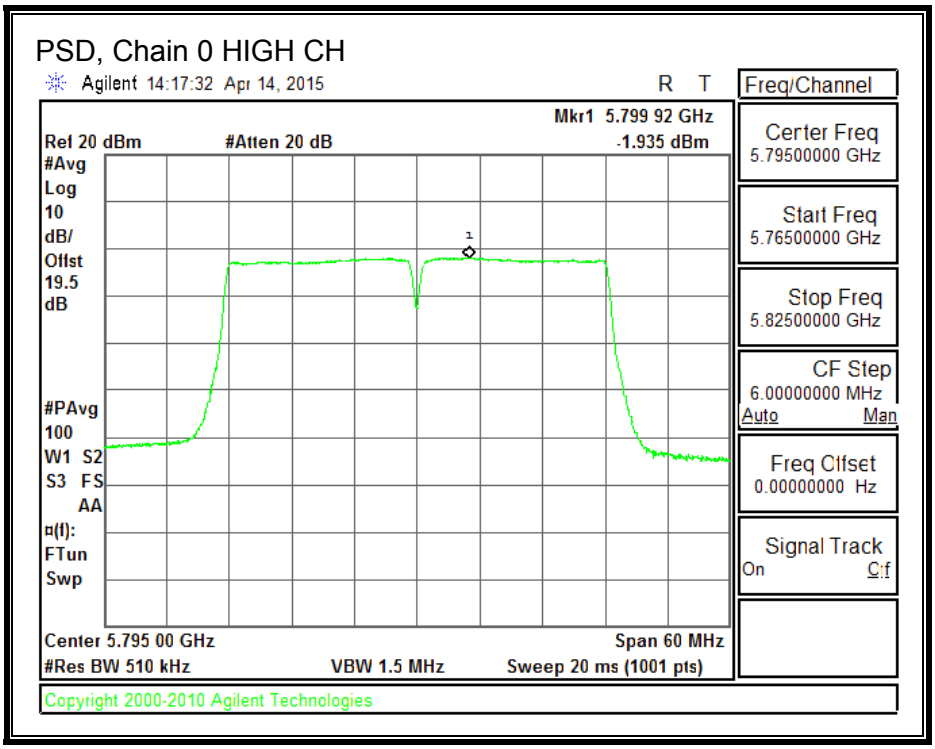
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD

PSD Results

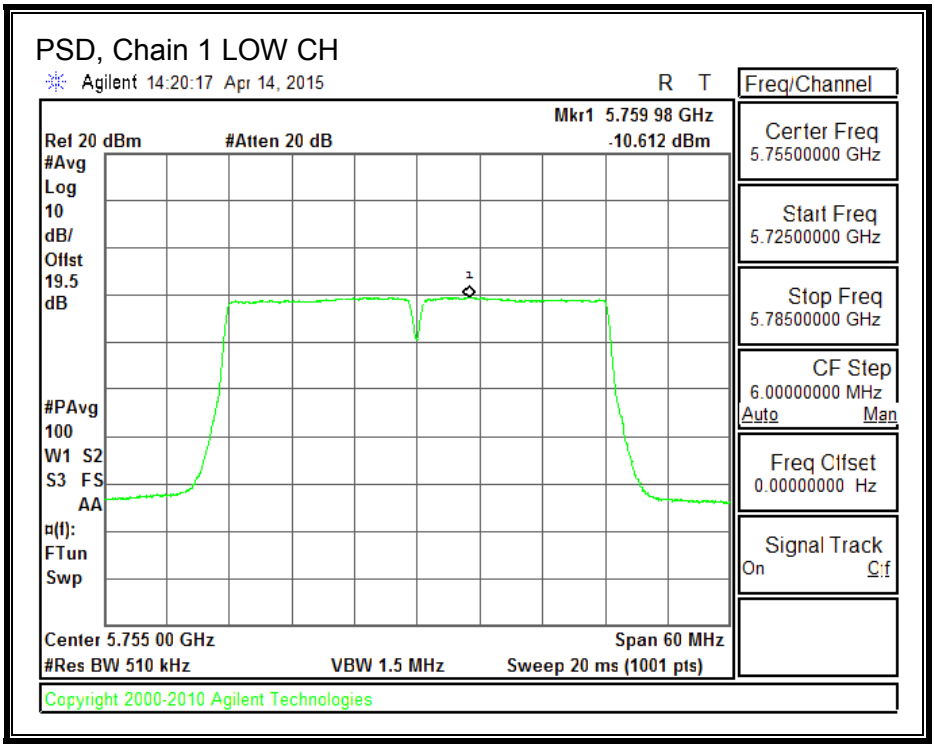
Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	-9.489	-10.612	-6.914	27.97	-34.88
High	5795	-1.935	-2.366	0.955	27.97	-27.01

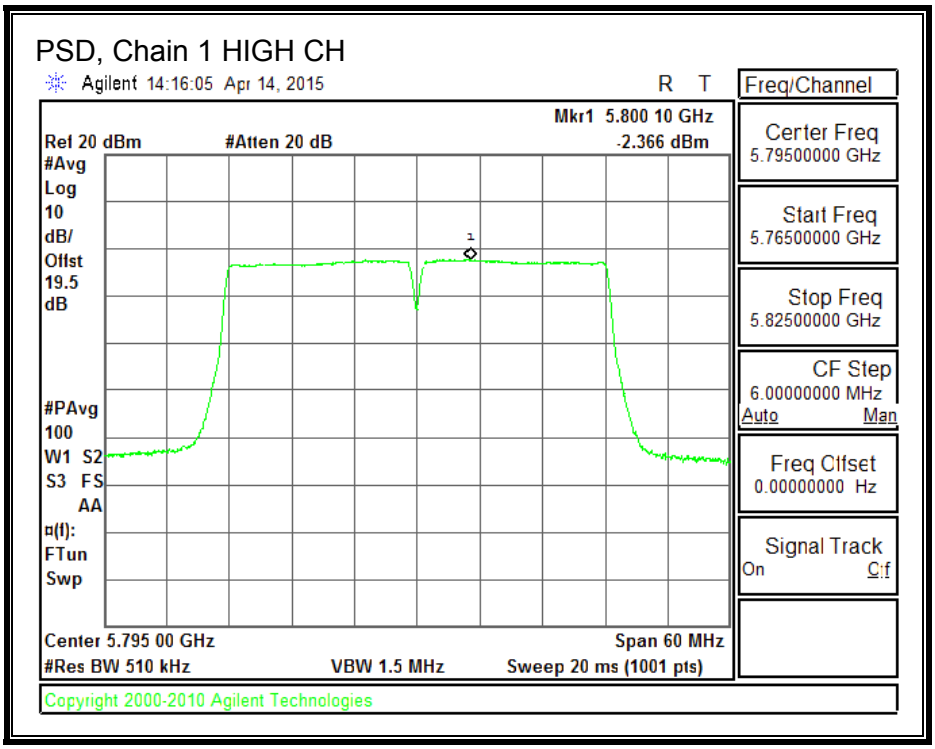
PSD, Chain 0





PSD, Chain 1





8.62. 802.11n HT40 TxBF 2TX MODE IN THE 5.8 GHz BAND

8.62.1. OUTPUT POWER

LIMITS

FCC §15.407 (a) (3)

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 2 Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
3.09	4.86	8.03

RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Low	5755	8.03	27.97
High	5795	8.03	27.97

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	9.20	8.90	12.06	27.97	-15.91
High	5795	15.30	15.10	18.21	27.97	-9.76

Note: the power readings above were measured with gated method, and the measurement was taken only during the ON time. No duty cycle correction was necessary.

8.62.2. Maximum Power Spectral Density (PSD)

LIMITS

FCC §15.407 (a) (3)

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

For PSD, 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)
3.09	4.86	8.03

RESULTS

Antenna Gain and Limit

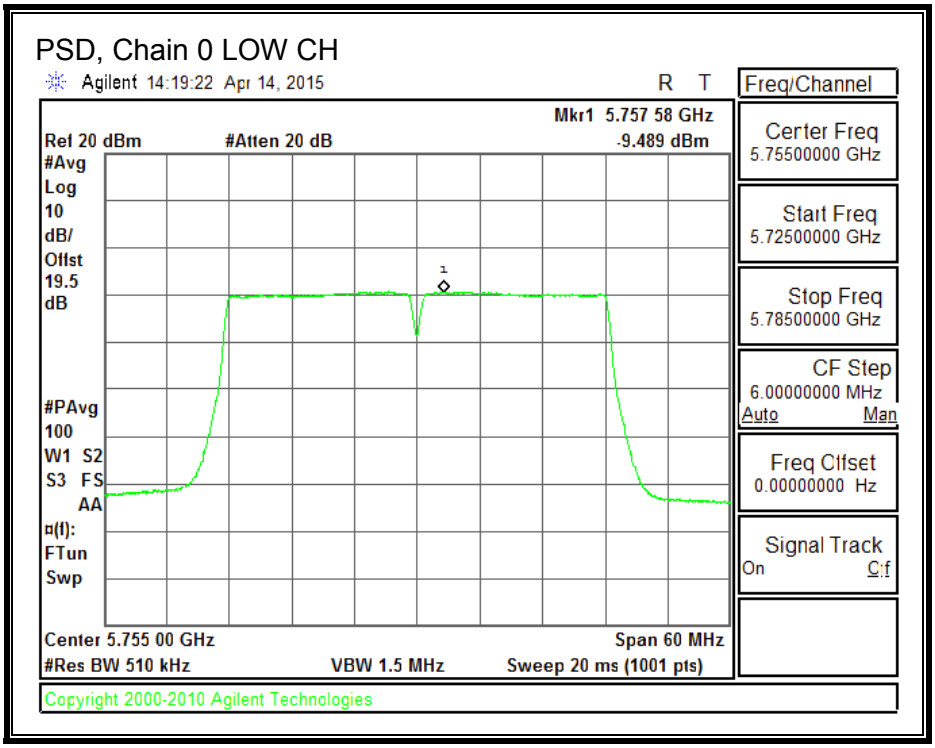
Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Low	5755	8.03	27.97
High	5795	8.03	27.97

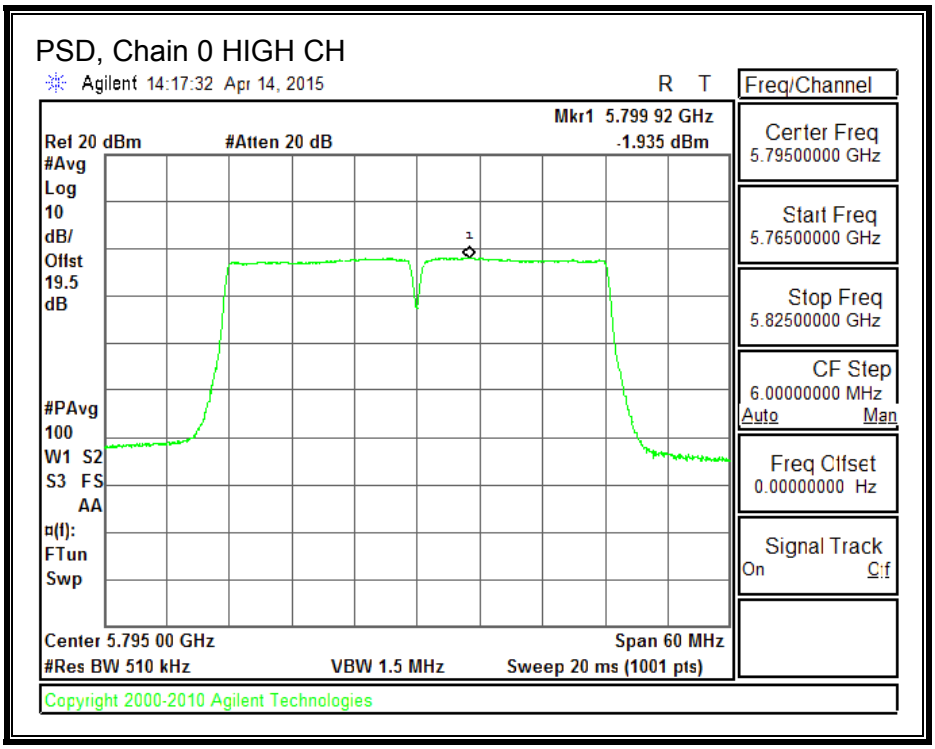
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD

PSD Results

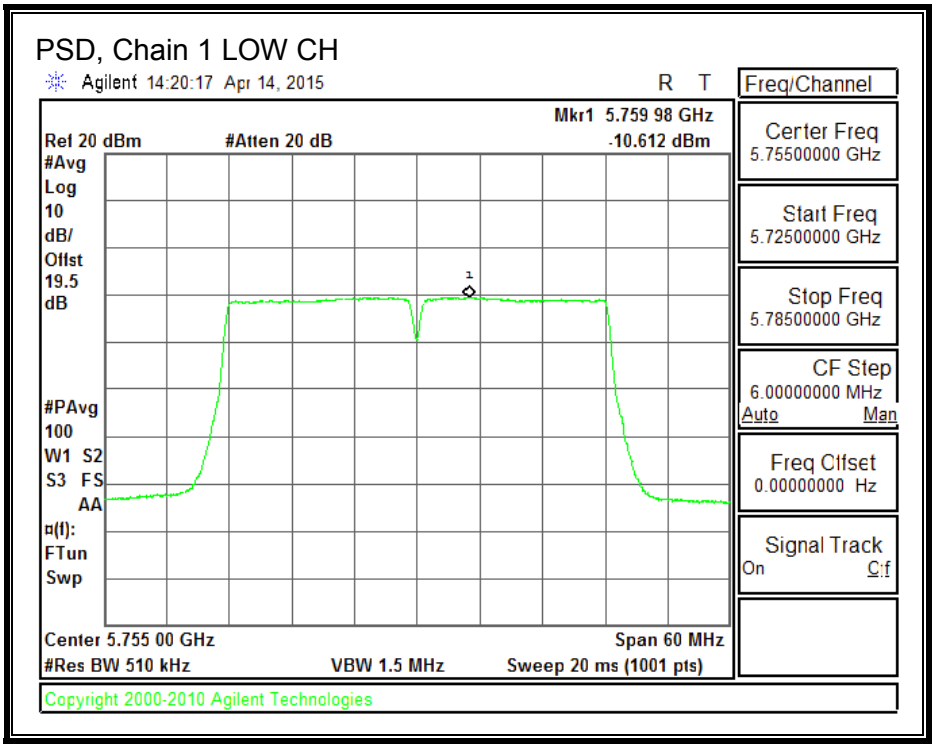
Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	-9.489	-10.612	-6.914	27.97	-34.88
High	5795	-1.935	-2.366	0.955	27.97	-27.01

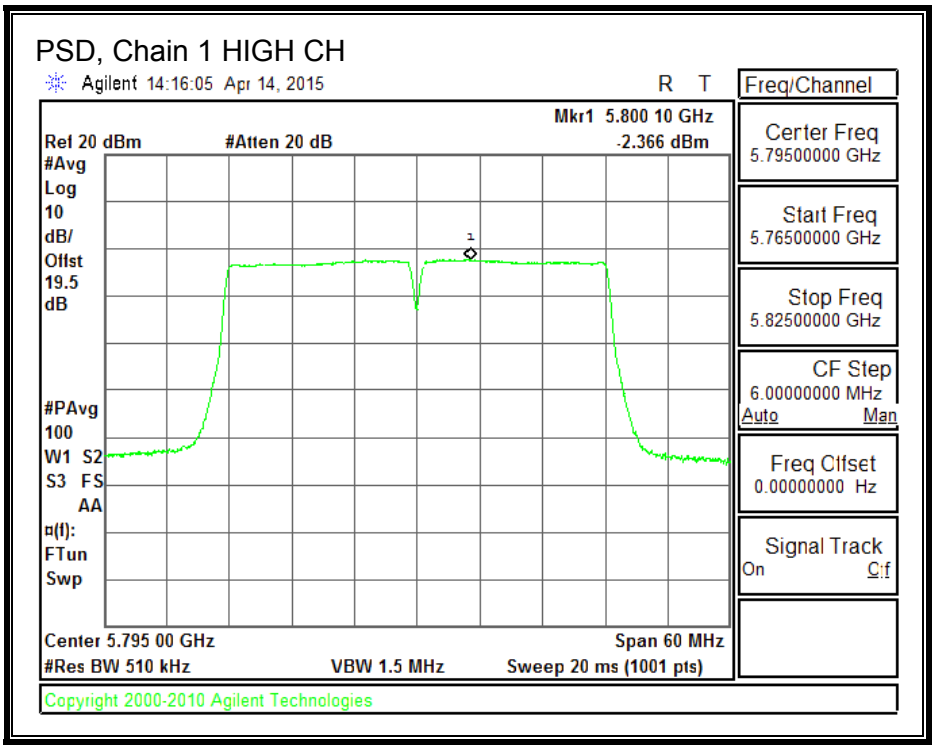
PSD, Chain 0





PSD, Chain 1





8.63. 802.11n HT40 CDD 3TX MODE IN THE 5.8 GHz BAND

8.63.1. 6 dB BANDWIDTH

LIMITS

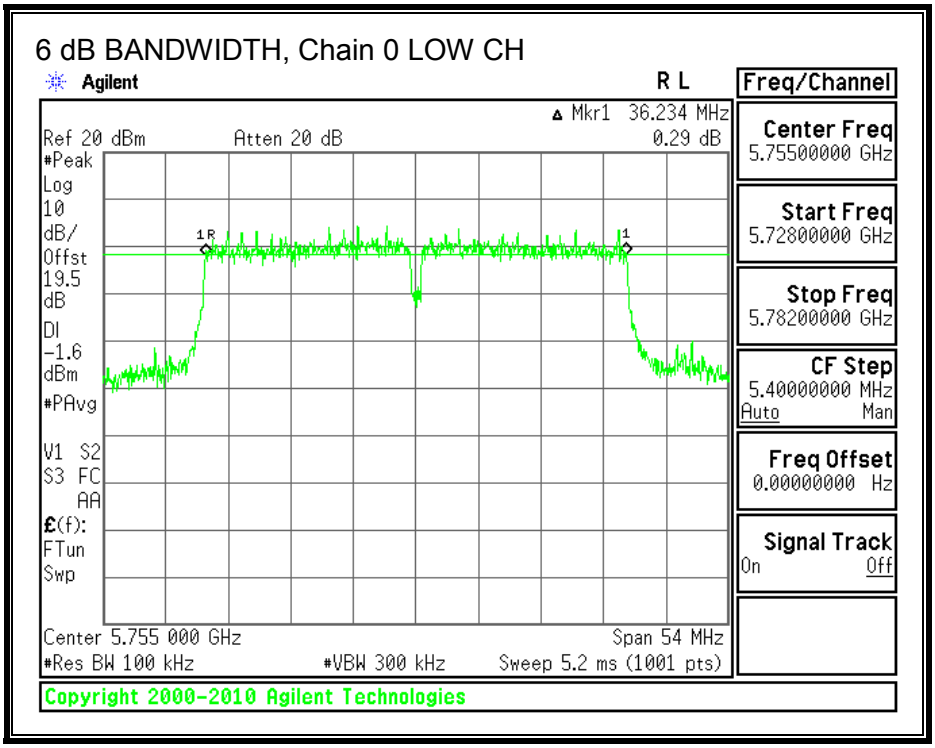
FCC §15.407 (e)

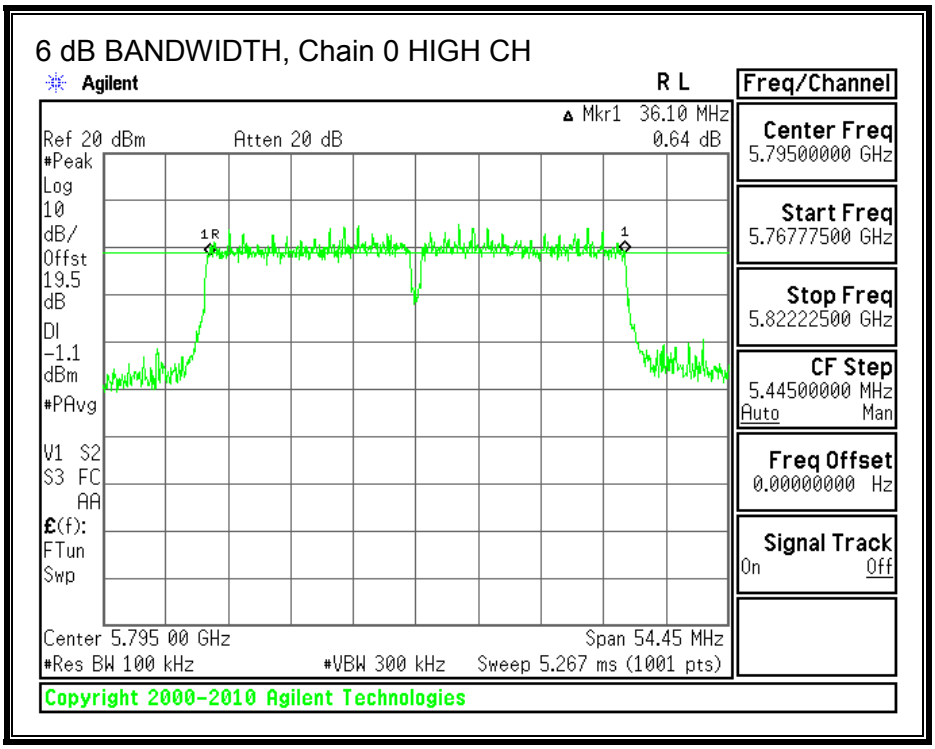
The minimum 6 dB bandwidth shall be at least 500 kHz.

RESULTS

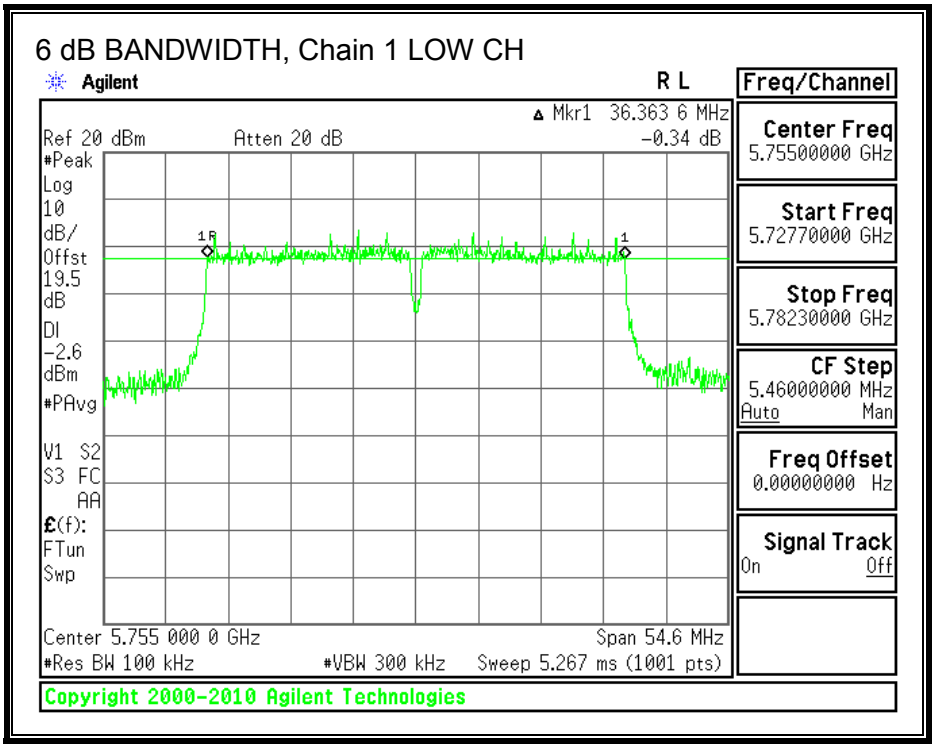
Channel	Frequency (MHz)	6 dB BW Chain 0 (MHz)	6 dB BW Chain 1 (MHz)	6 dB BW Chain 2 (MHz)	Minimum Limit (MHz)
Low	5755	36.2340	36.3636	36.0600	0.5
High	5795	36.1000	36.3200	36.1938	0.5

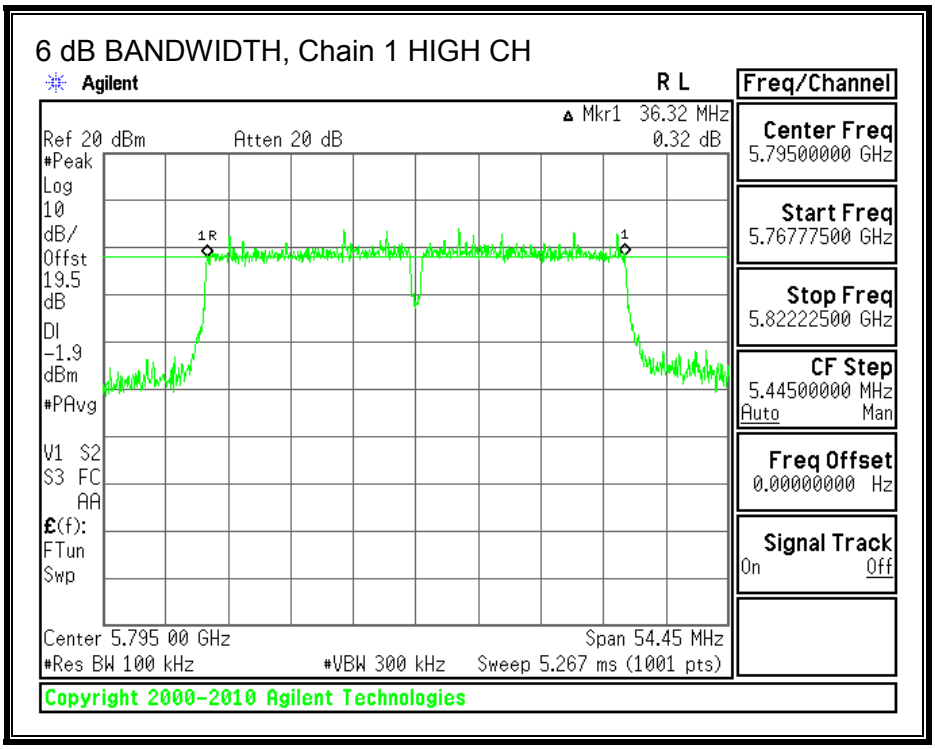
6 dB BANDWIDTH, Chain 0



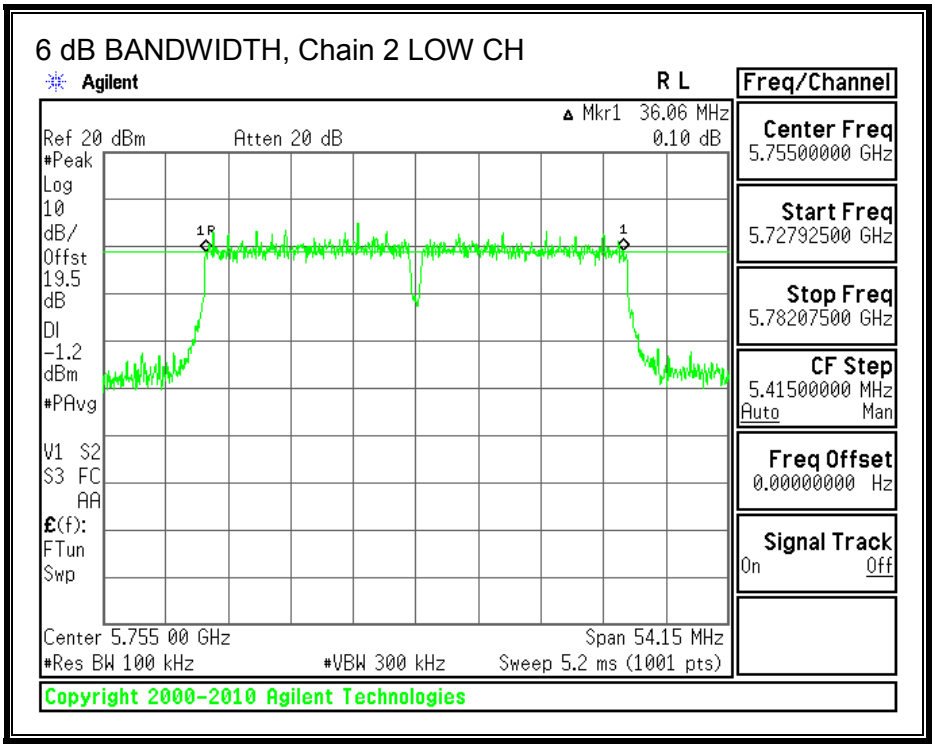


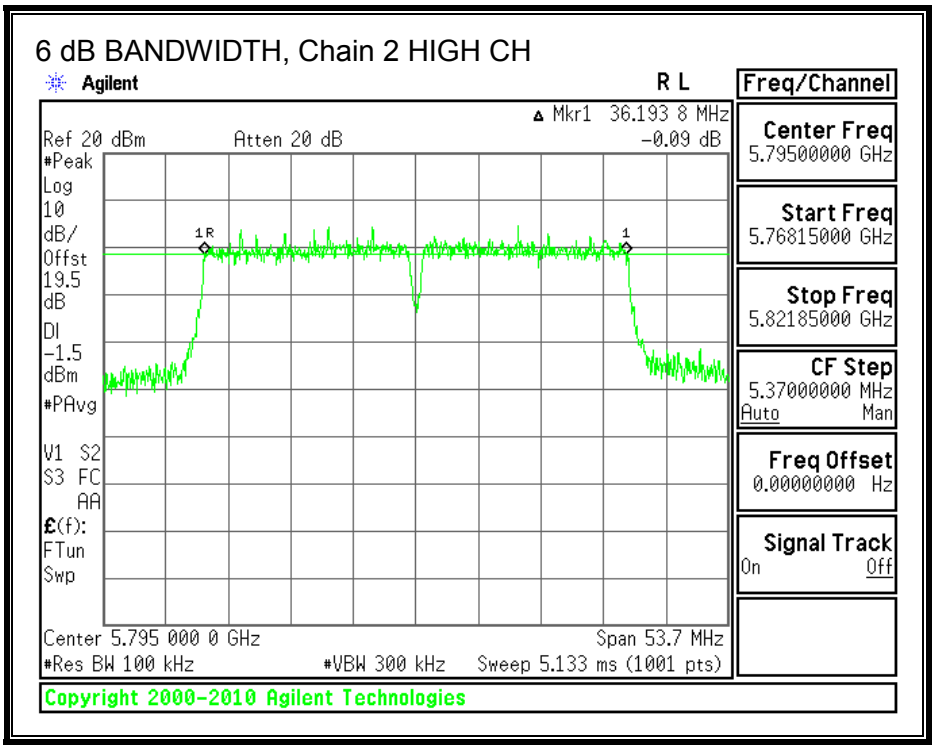
6 dB BANDWIDTH, Chain 1





6 dB BANDWIDTH, Chain 2





8.63.2. 99% BANDWIDTH

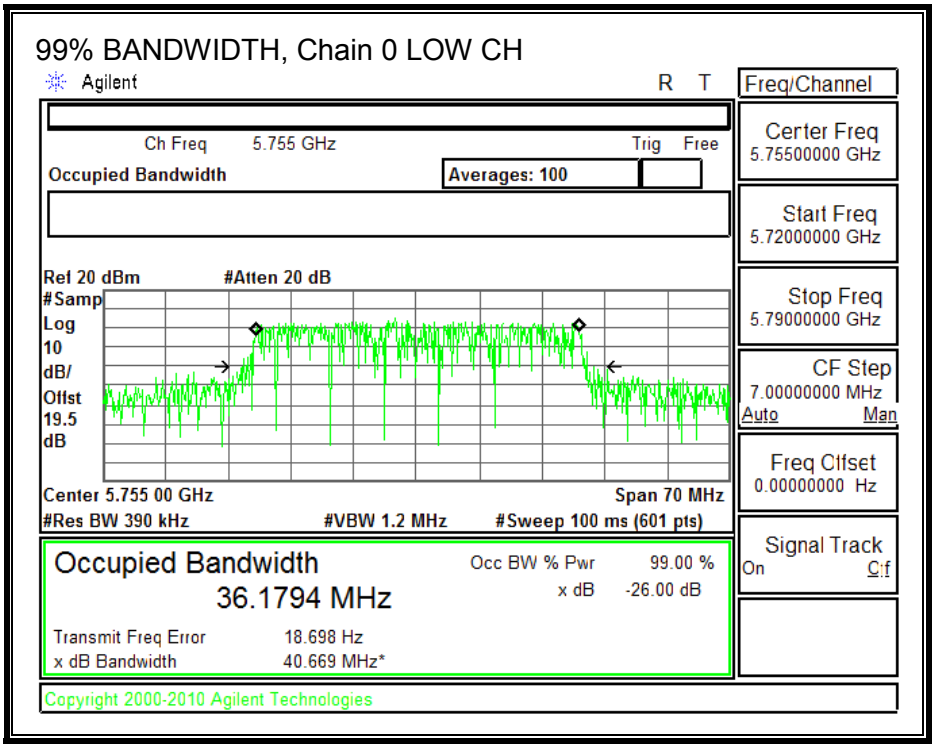
LIMITS

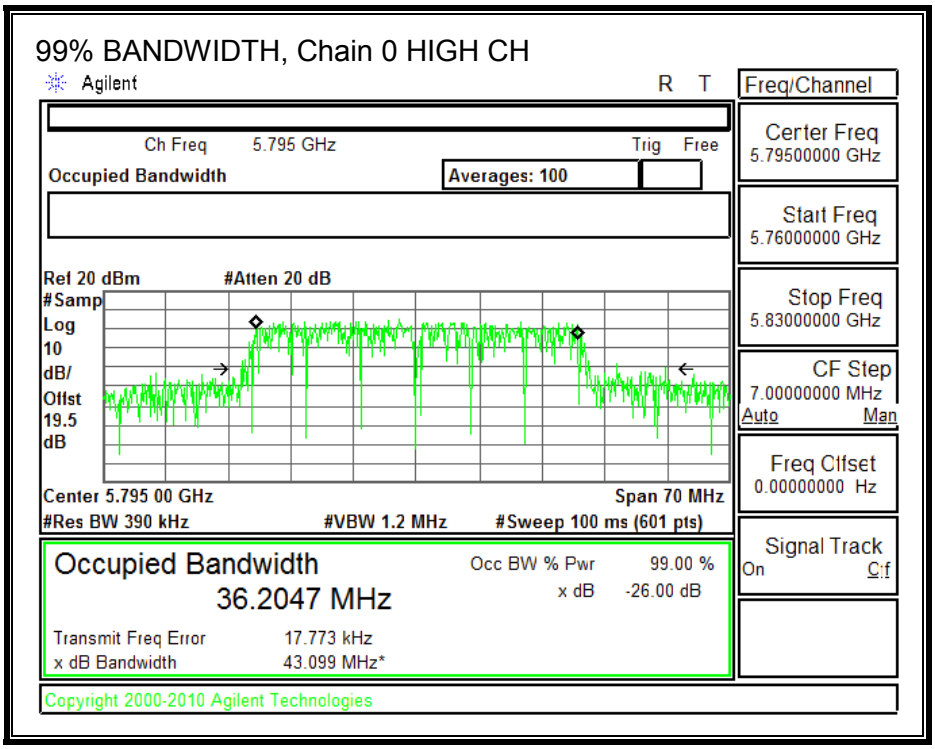
None; for reporting purposes only.

RESULTS

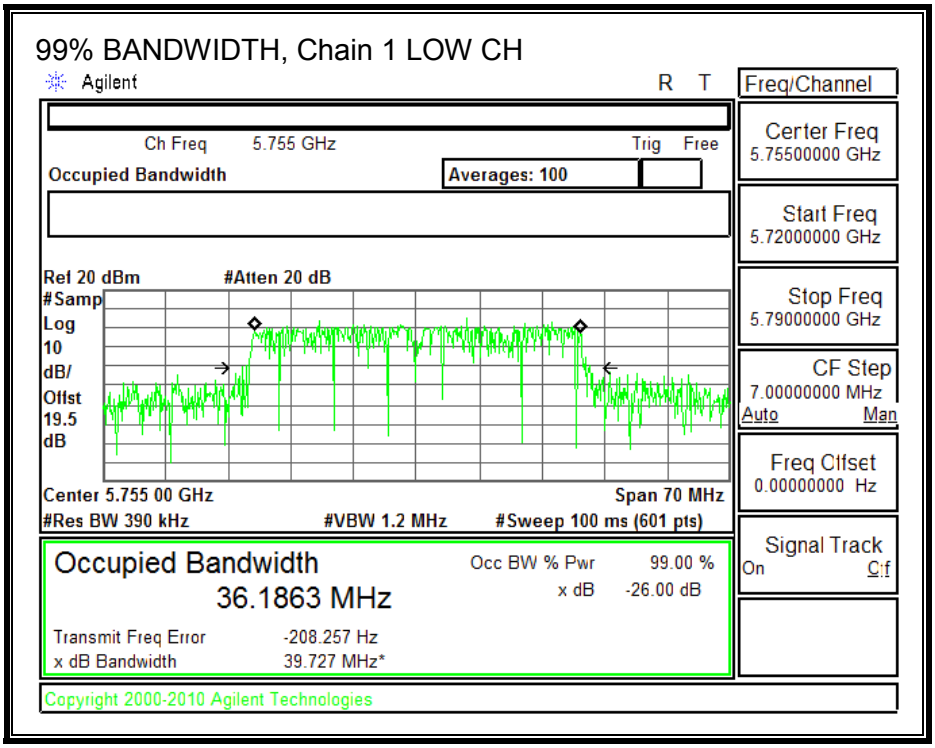
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)	99% BW Chain 2 (MHz)
Low	5755	36.1794	36.1863	36.1776
High	5795	36.2047	36.2001	36.2033

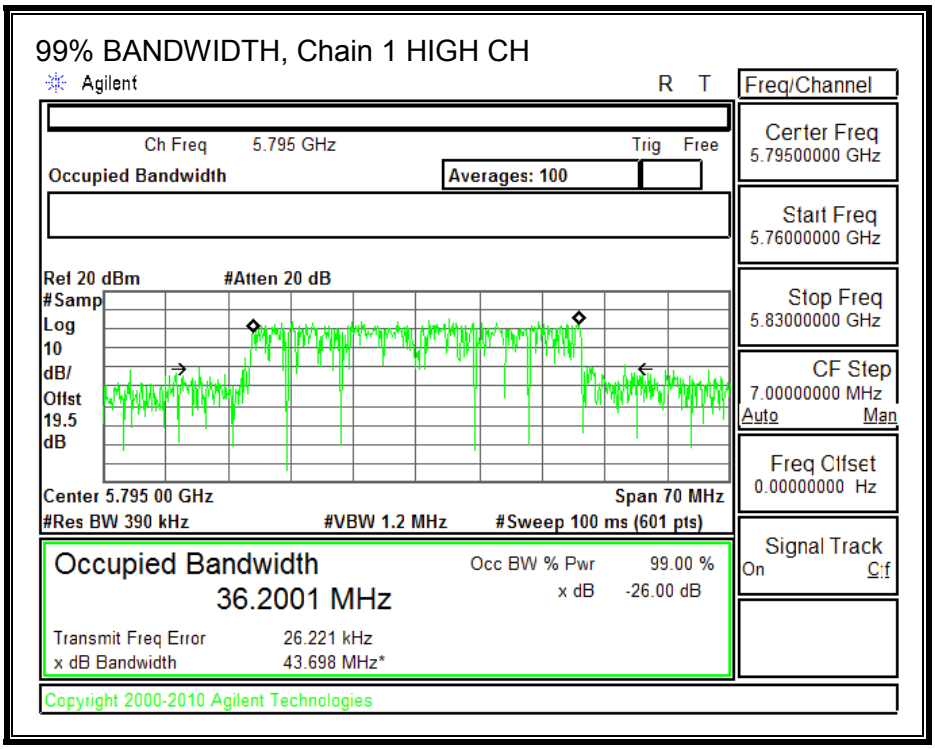
99% BANDWIDTH, Chain 0



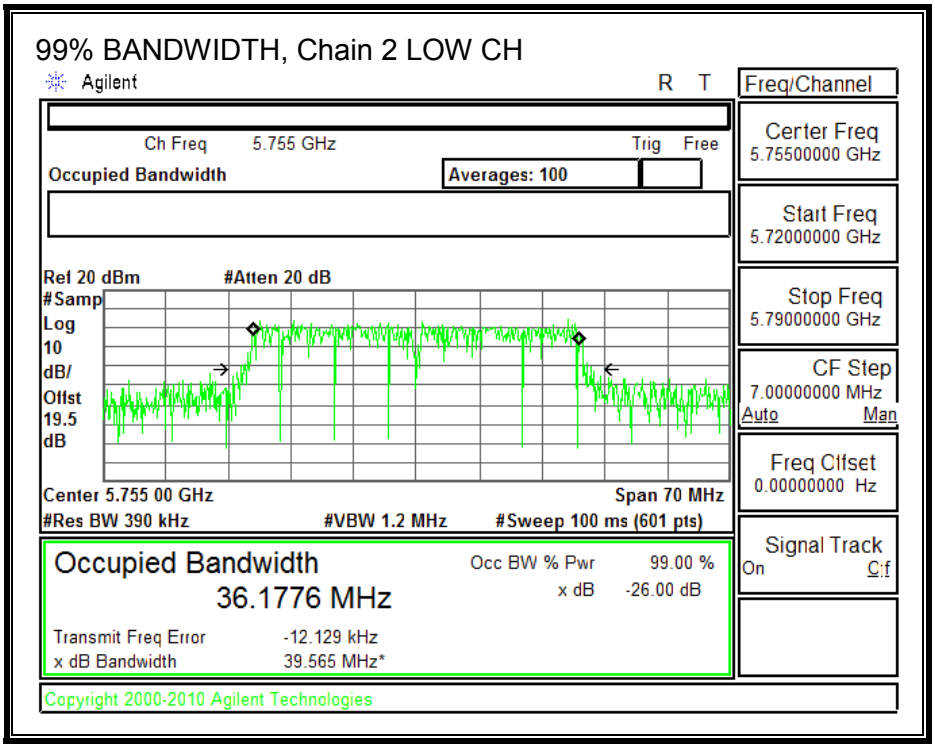


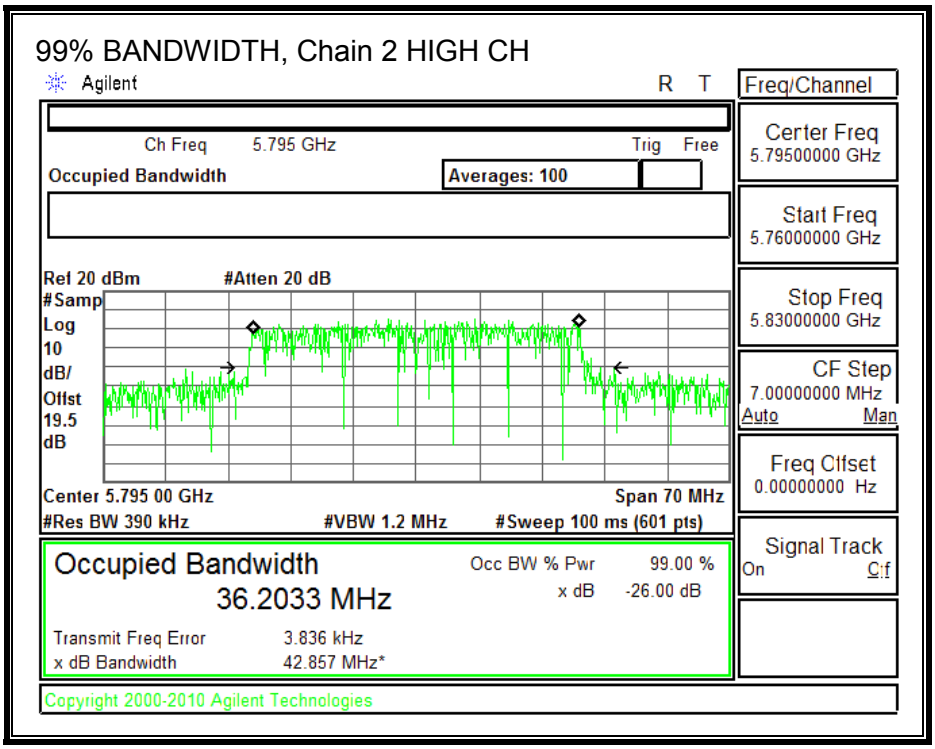
99% BANDWIDTH, Chain 1





99% BANDWIDTH, Chain 2





8.63.3. OUTPUT POWER

LIMITS

FCC §15.407 (a) (3)

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

Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Chain 2 Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)
3.09	1.95	4.86	4.47

RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Low	5755	4.47	30.00
High	5795	4.47	30.00

Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd Power

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Chain 2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	9.60	9.80	9.20	14.31	30.00	-15.69
High	5795	16.30	16.10	15.80	20.84	30.00	-9.16

Note: the power readings above were measured with gated method, and the measurement was taken only during the ON time. No duty cycle correction was necessary.

8.63.4. Maximum Power Spectral Density (PSD)

LIMITS

FCC §15.407 (a) (3)

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)	Chain 2 Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
3.09	1.95	4.86	9.15

RESULTS

Antenna Gain and Limit

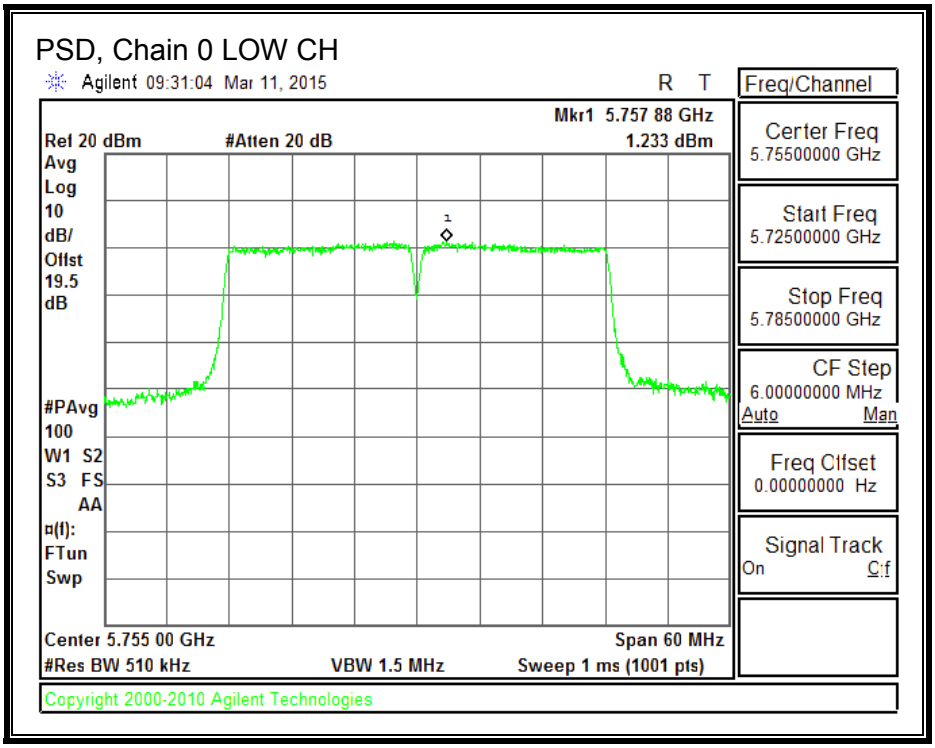
Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Low	5755	9.15	26.85
High	5795	9.15	26.85

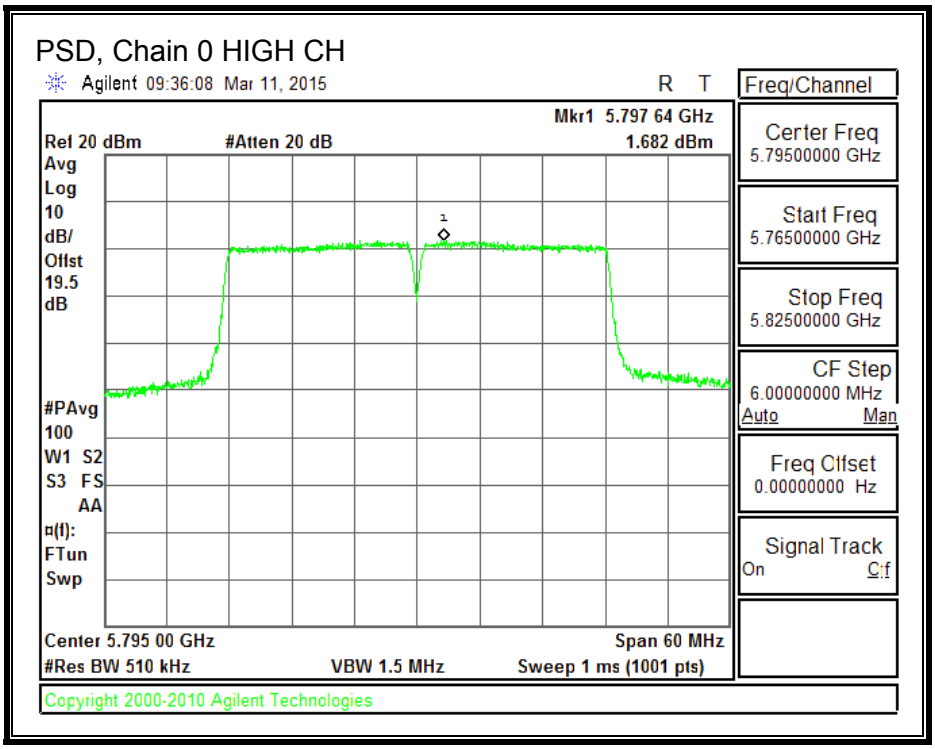
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD

PSD Results

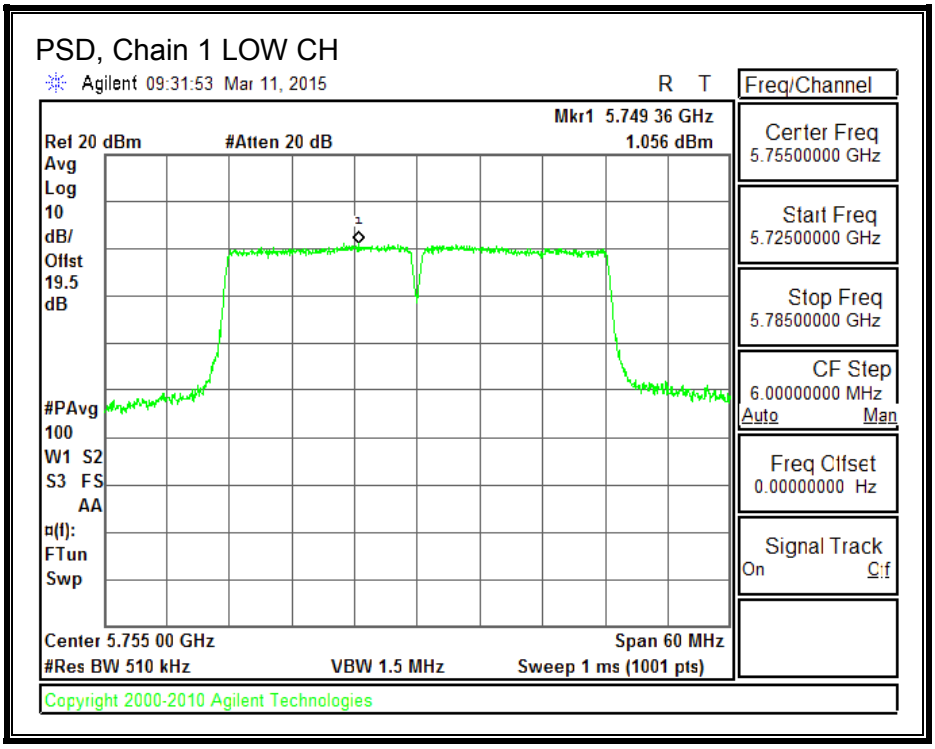
Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Chain 2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	1.233	1.056	0.875	5.92	26.85	-20.93
High	5795	1.682	1.612	1.682	6.52	26.85	-20.33

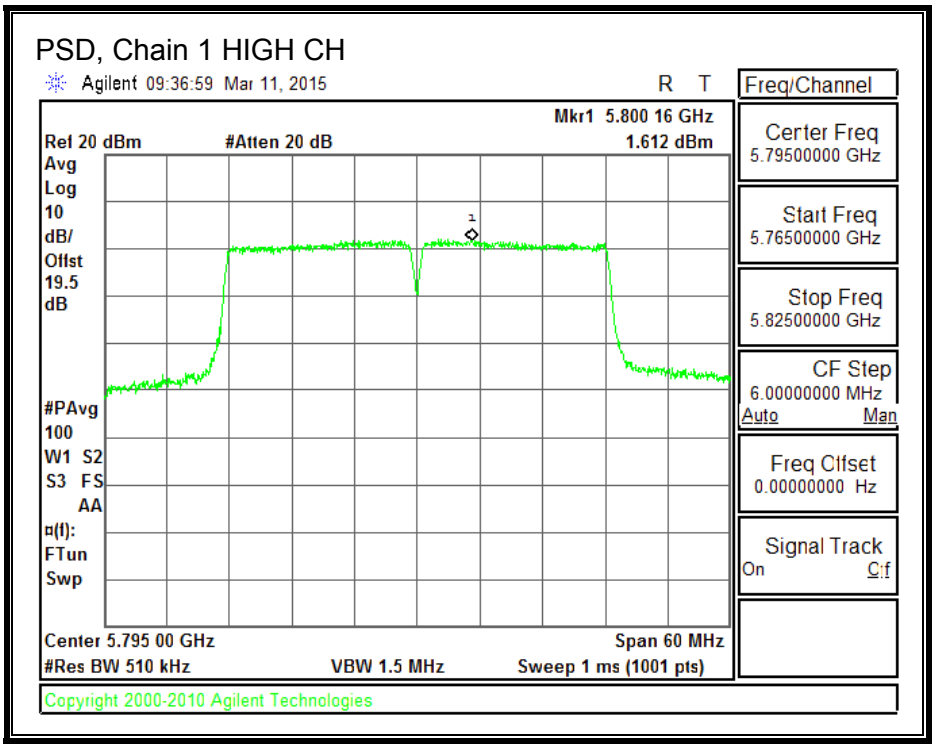
PSD, Chain 0



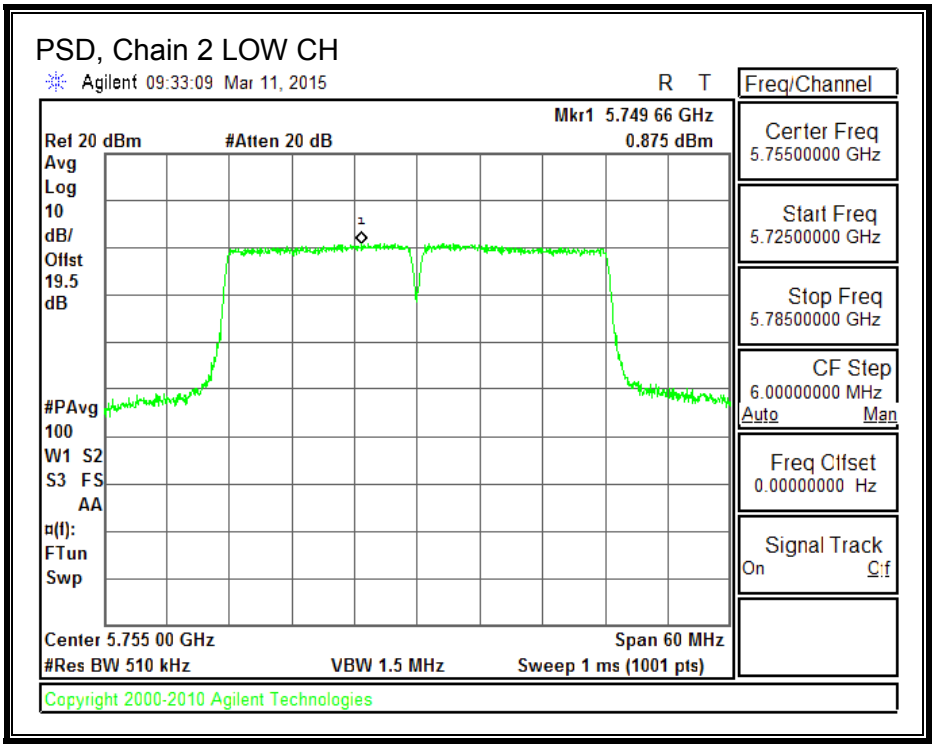


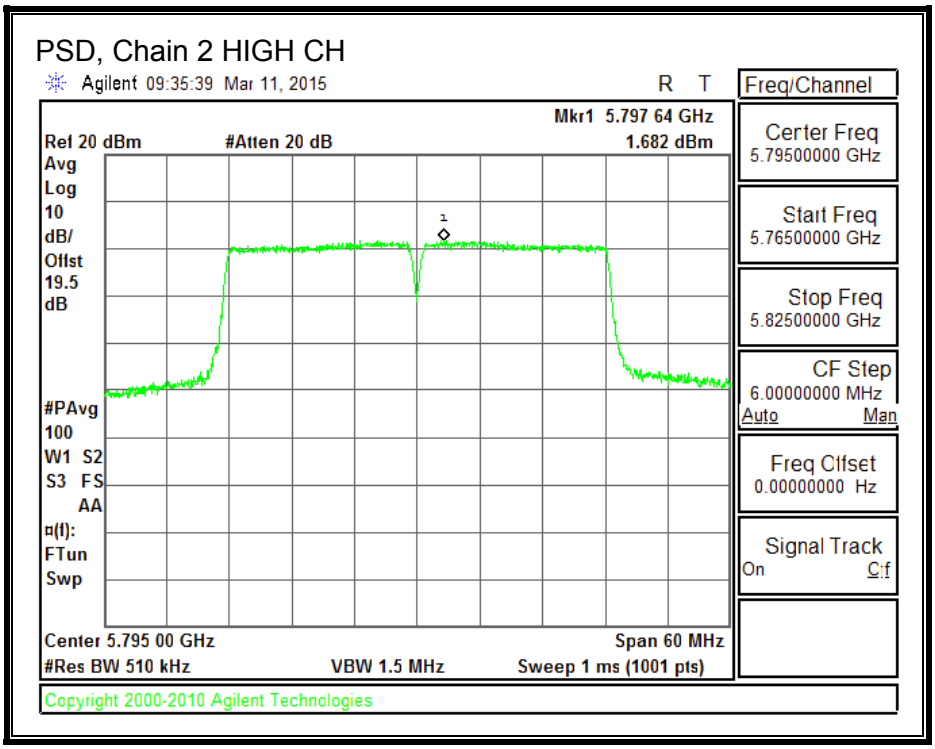
PSD, Chain 1





PSD, Chain 2





8.64. 802.11n HT40 TxBF 3TX MODE IN THE 5.8 GHz BAND

8.64.1. OUTPUT POWER

LIMITS

FCC §15.407 (a) (3)

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)	Chain 2 Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
3.09	1.95	4.86	9.15

RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Low	5755	8.15	27.85
High	5795	8.15	27.85

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Chain 2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	9.00	9.30	9.20	13.94	27.85	-13.91
High	5795	15.70	15.70	15.60	20.44	27.85	-7.41

Note: the power readings above were measured with gated method, and the measurement was taken only during the ON time. No duty cycle correction was necessary.

8.64.2. Maximum Power Spectral Density (PSD)

LIMITS

FCC §15.407 (a) (3)

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)	Chain 2 Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
3.09	1.95	4.86	9.15

RESULTS

Antenna Gain and Limit

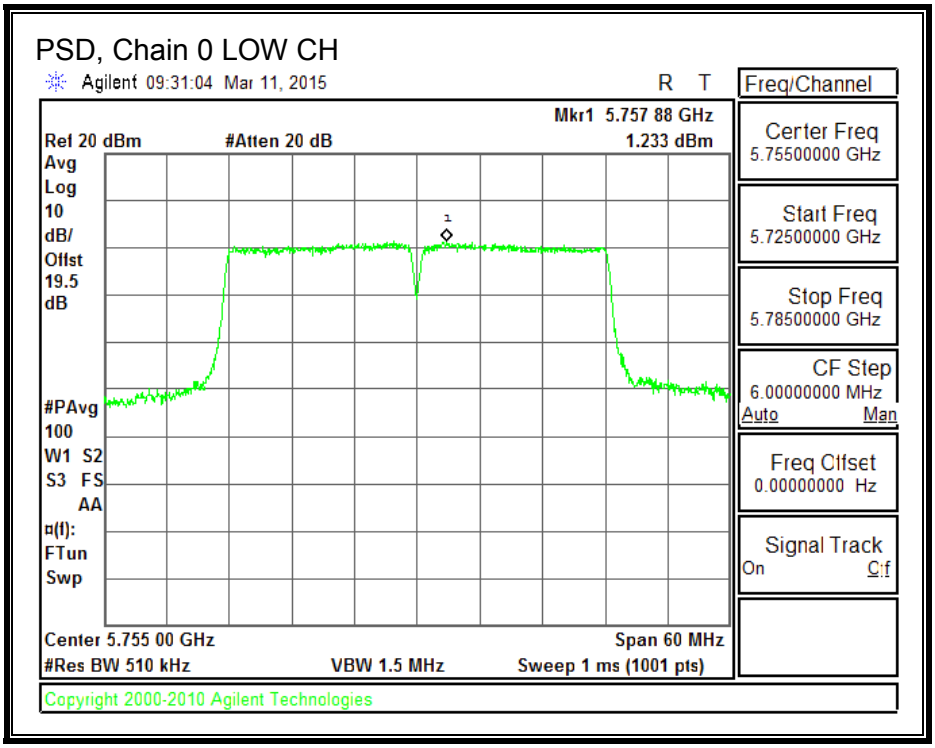
Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Low	5755	9.15	26.85
High	5795	9.15	26.85

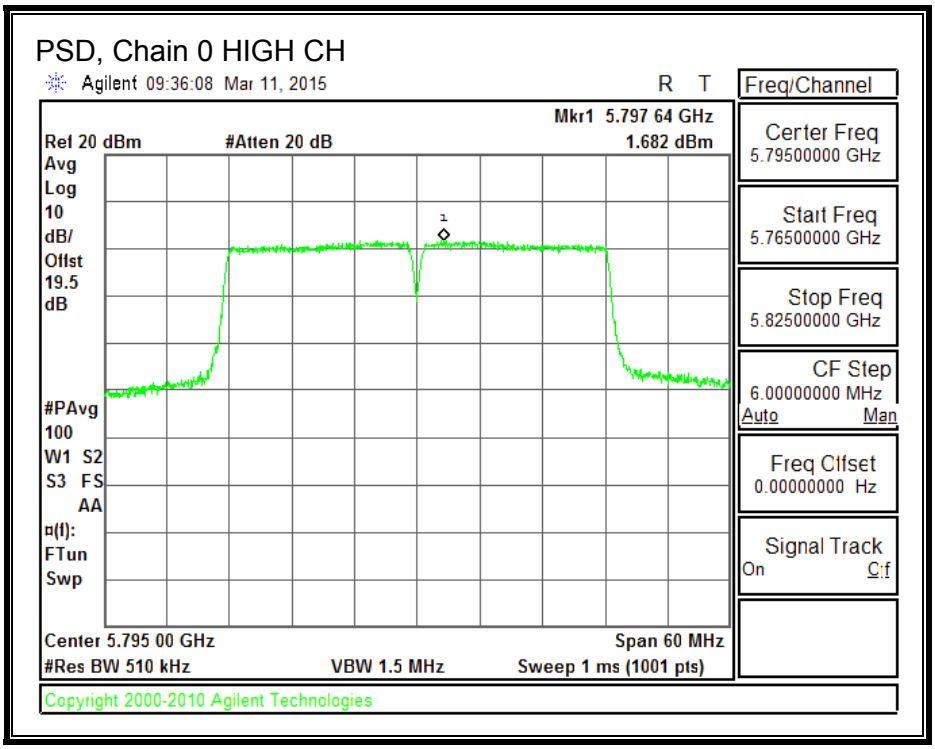
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD

PSD Results

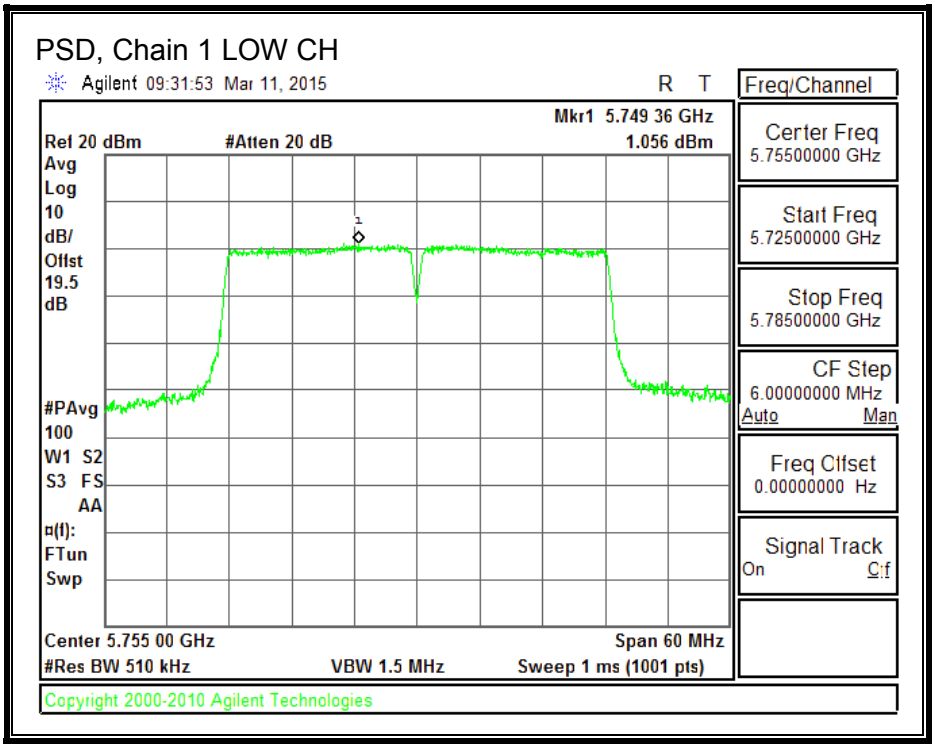
Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Chain 2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	1.233	1.056	0.875	5.92	26.85	-20.93
High	5795	1.682	1.612	1.682	6.52	26.85	-20.33

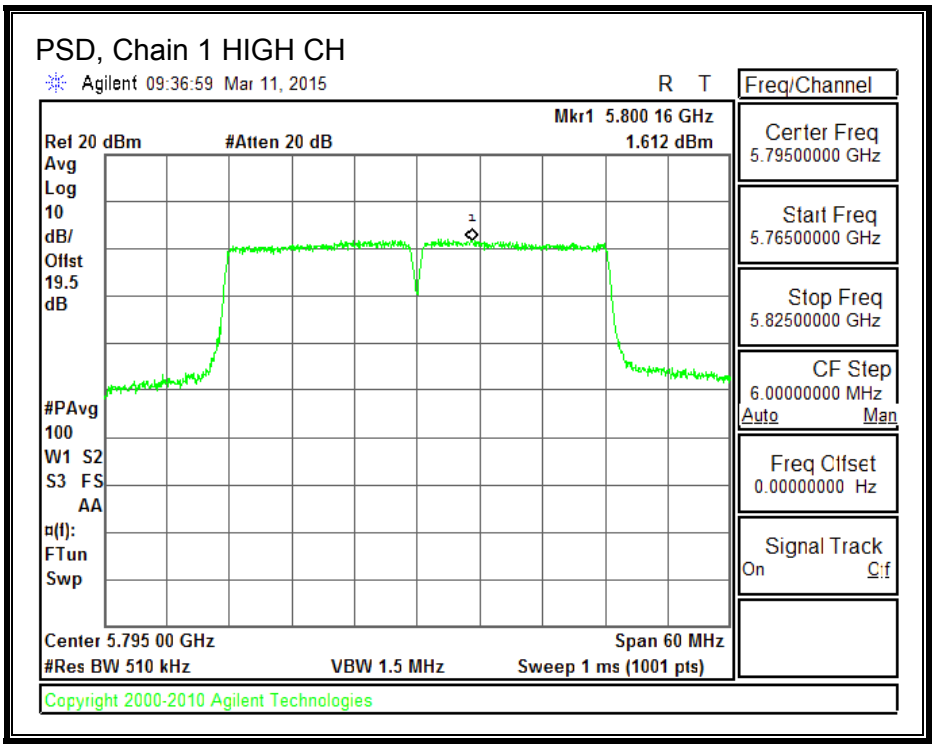
PSD, Chain 0



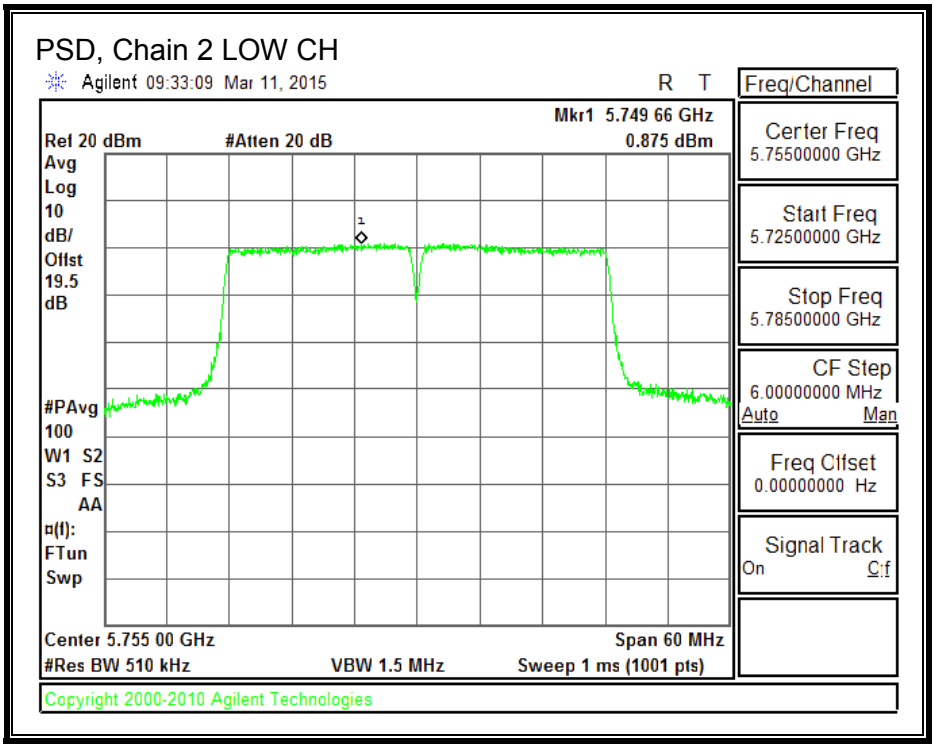


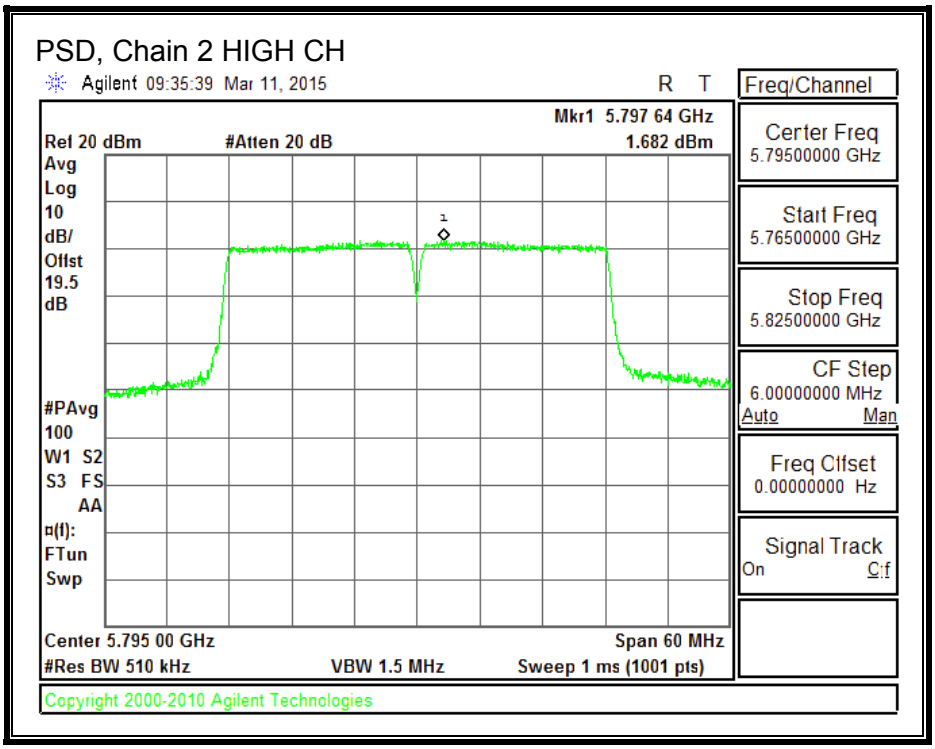
PSD, Chain 1





PSD, Chain 2





8.65. 802.11ac VHT80 1TX MODE IN THE 5.8 GHz BAND

8.65.1. OUTPUT POWER

LIMITS

FCC §15.407 (a) (3)

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

This is SISO mode, AG is the highest (worst-case) = 5.86 dBi

RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Mid	5775	5.86	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	9.10	9.10	30.00	-20.90

Note: the power readings above were measured with gated method, and the measurement was taken only during the ON time. No duty cycle correction was necessary.

8.66. 802.11ac VHT80 CDD 2TX MODE IN THE 5.8 GHz BAND

8.66.1. OUTPUT POWER

LIMITS

FCC §15.407 (a) (3)

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

Chain 0 Antenna Gain (dBi)	Chain 2 Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)
3.09	4.86	5.06

RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Mid	5775	5.06	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	7.90	7.70	10.81	30.00	-19.19

Note: the power readings above were measured with gated method, and the measurement was taken only during the ON time. No duty cycle correction was necessary.

8.66.2. Maximum Power Spectral Density (PSD)

LIMITS

FCC §15.407 (a) (3)

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

For PSD, 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)
3.09	4.86	8.03

RESULTS

Antenna Gain and Limit

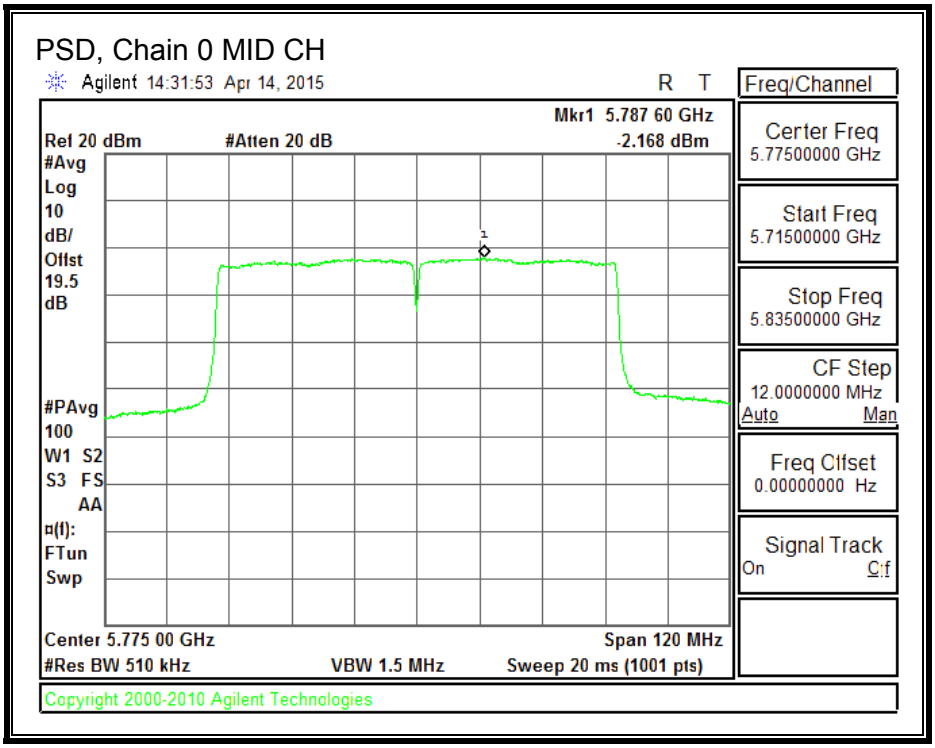
Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Mid	5775	8.03	27.97

Duty Cycle CF (dB)	0.18	Included in Calculations of Corr'd PSD

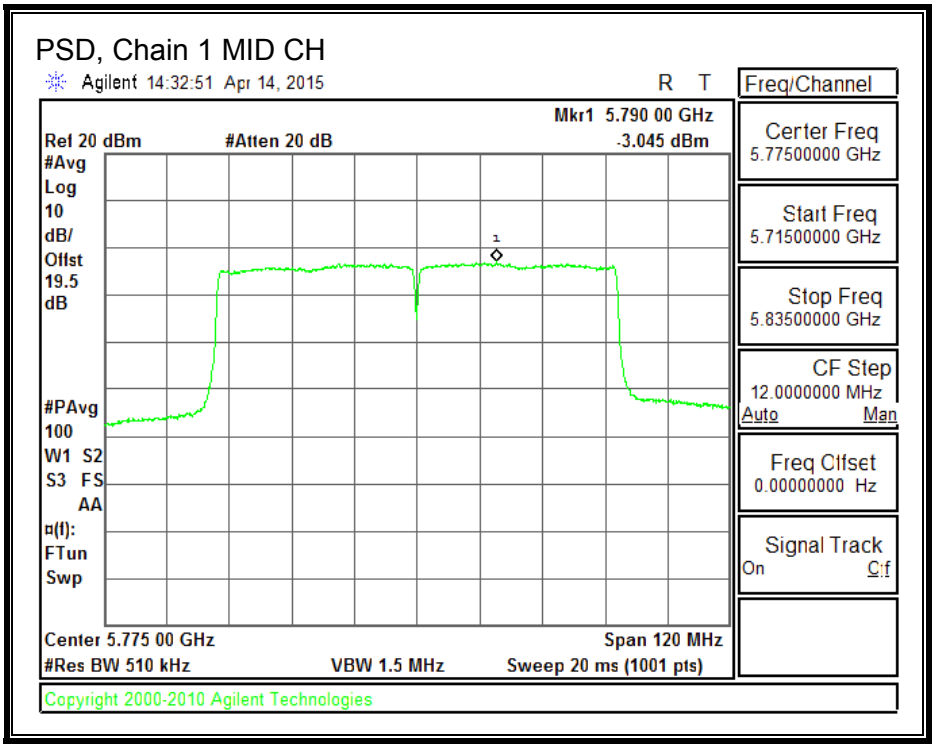
PSD Results

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	-2.168	-3.045	0.606	27.97	-27.36

PSD, Chain 0



PSD, Chain 1



8.67. 802.11ac VHT80 TxBF 2TX MODE IN THE 5.8 GHz BAND

8.67.1. OUTPUT POWER

LIMITS

FCC §15.407 (a) (3)

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 2 Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
3.09	4.86	8.03

RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Mid	5775	7.03	28.97

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	7.50	7.50	10.51	28.97	-18.46

Note: the power readings above were measured with gated method, and the measurement was taken only during the ON time. No duty cycle correction was necessary.

8.67.2. Maximum Power Spectral Density (PSD)

LIMITS

FCC §15.407 (a) (3)

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

For PSD, 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)
3.09	4.86	8.03

RESULTS

Antenna Gain and Limit

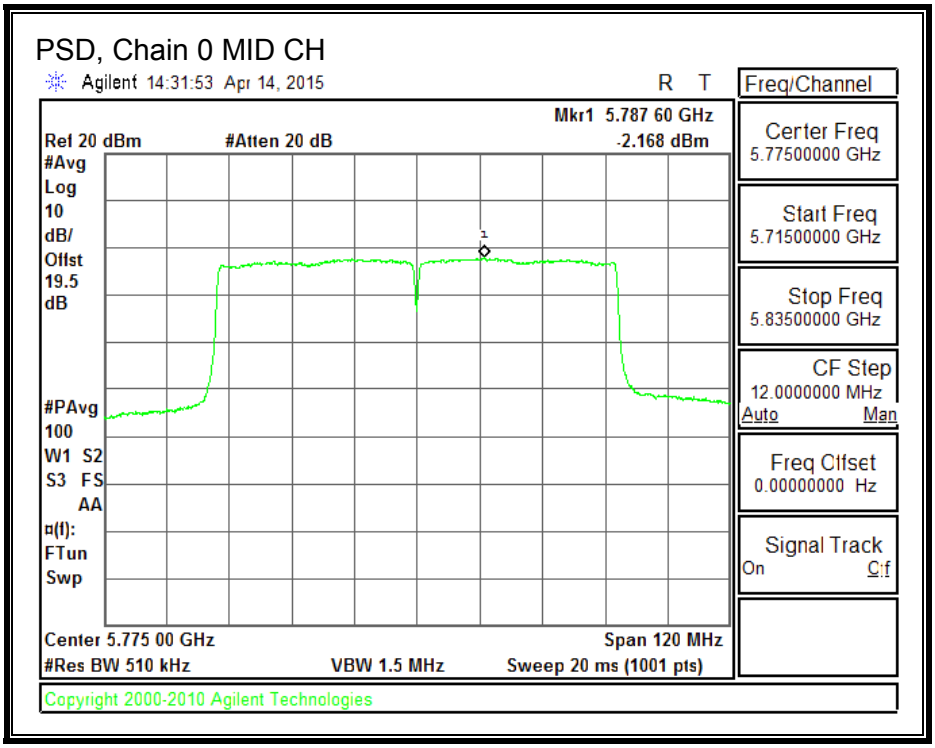
Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Mid	5755	8.03	27.97

Duty Cycle CF (dB)	0.18	Included in Calculations of Corr'd PSD

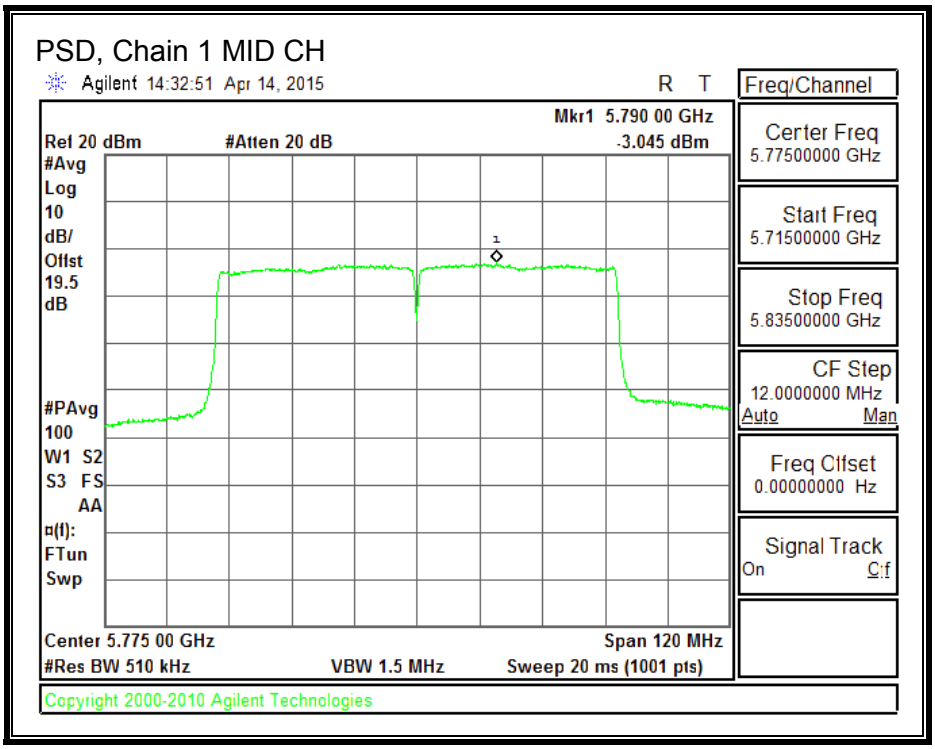
PSD Results

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	5755	-2.168	-3.050	0.604	27.97	-27.37

PSD, Chain 0



PSD, Chain 1



8.68. 802.11ac VHT80 CDD 3TX MODE IN THE 5.8 GHz BAND

8.68.1. 6 dB BANDWIDTH

LIMITS

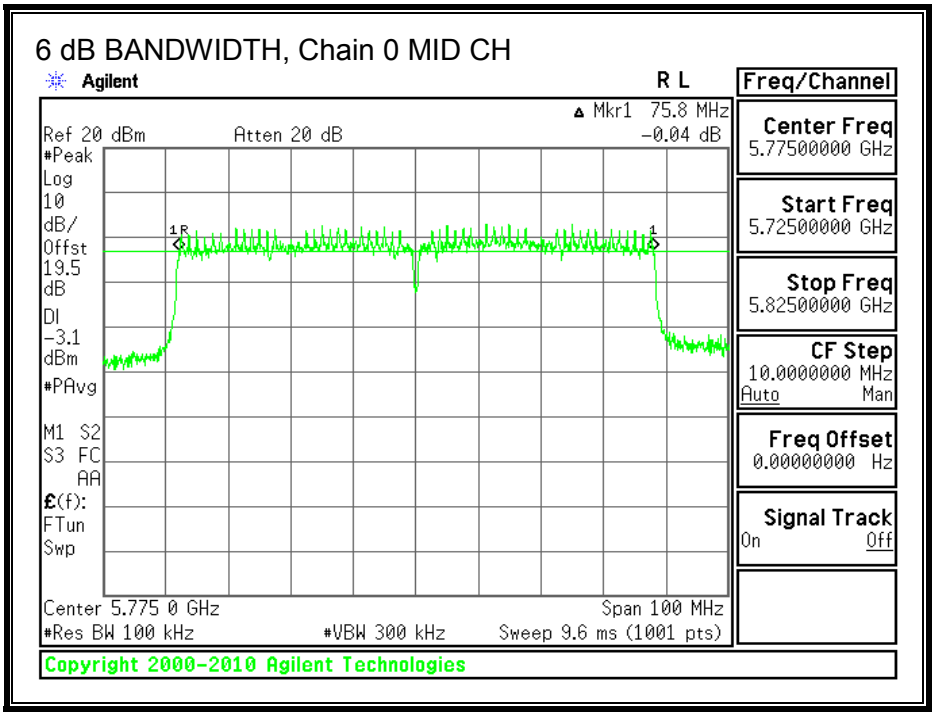
FCC §15.247 (a) (2)

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

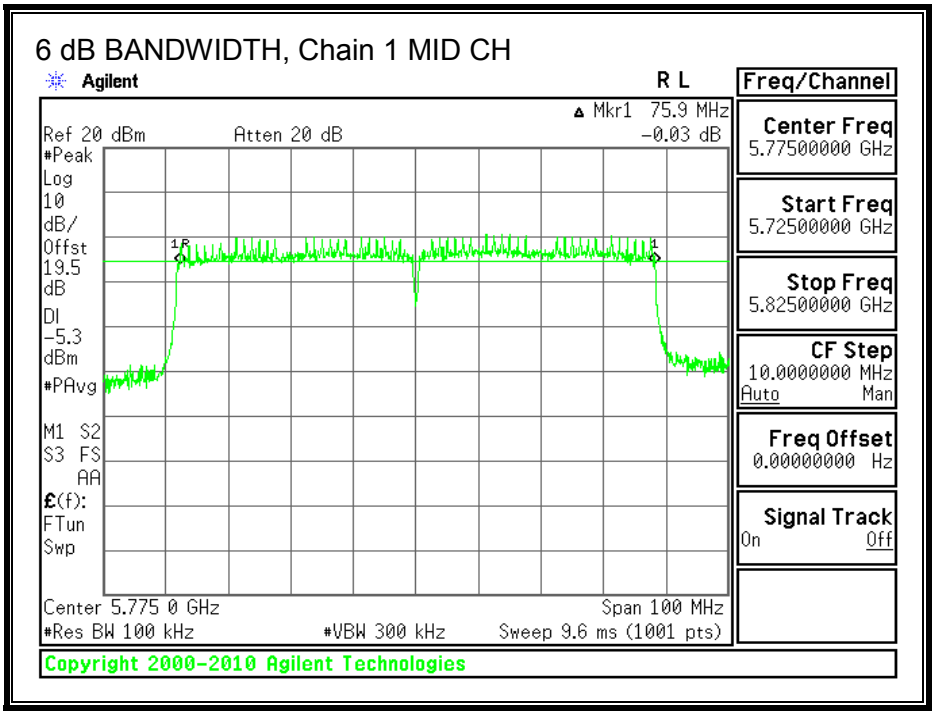
RESULTS

Channel	Frequency (MHz)	6 dB BW Chain 0 (MHz)	6 dB BW Chain 1 (MHz)	6 dB BW Chain 2 (MHz)	Minimum Limit (MHz)
Mid	5775	75.8	75.9	75.9	0.5

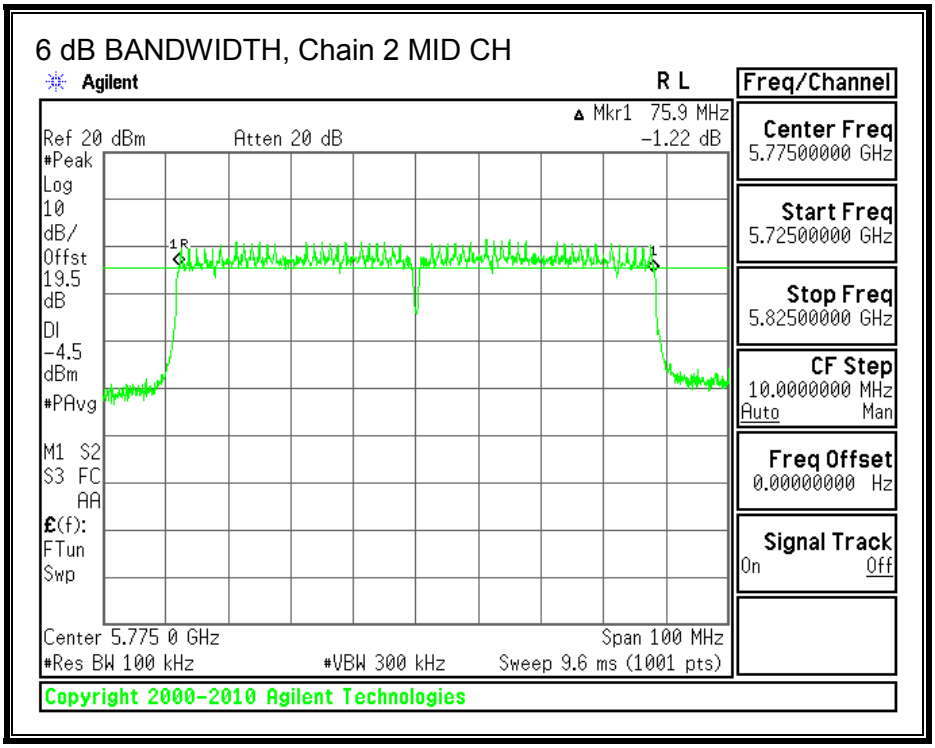
6 dB BANDWIDTH, Chain 0



6 dB BANDWIDTH, Chain 1



6 dB BANDWIDTH, Chain 2



8.68.2. 99% BANDWIDTH

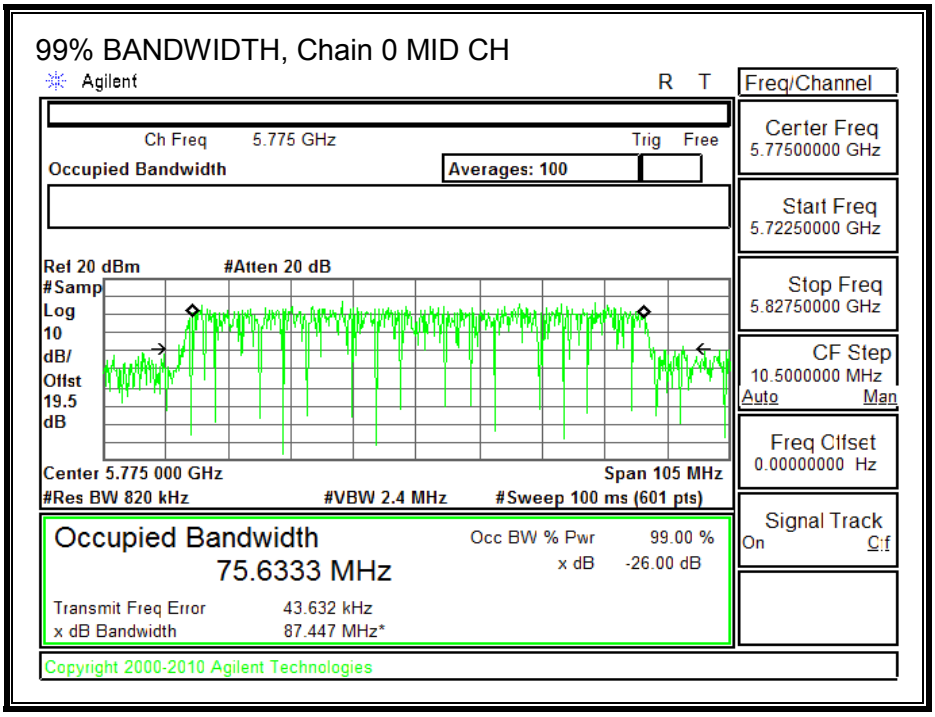
LIMITS

None; for reporting purposes only.

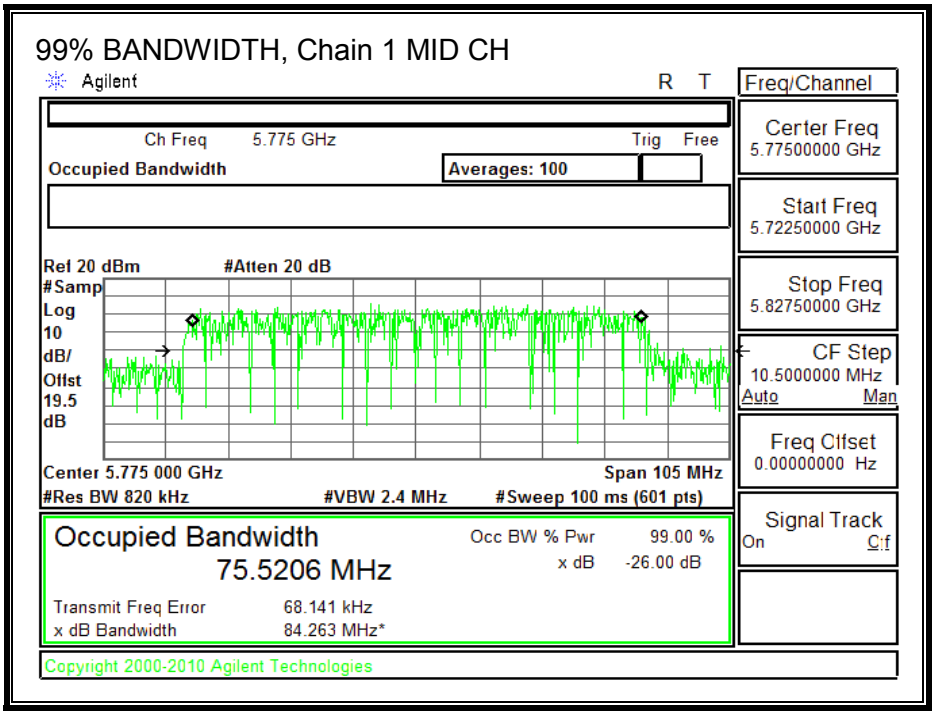
RESULTS

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)	99% BW Chain 2 (MHz)
Mid	5775	75.6333	75.5206	75.5922

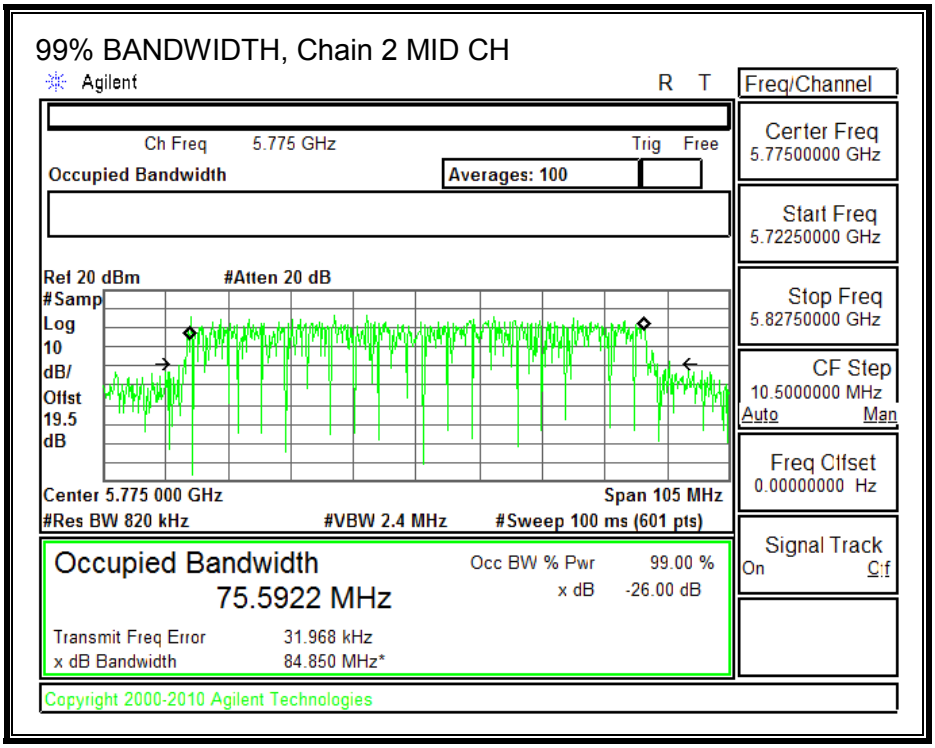
99% BANDWIDTH, Chain 0



99% BANDWIDTH, Chain 1



99% BANDWIDTH, Chain 2



8.68.3. OUTPUT POWER

LIMITS

FCC §15.407 (a) (3)

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

Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Chain 2 Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)
3.09	1.95	4.86	4.47

RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Mid	5775	3.47	30.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Chain 2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	7.20	6.90	6.90	11.77	30.00	-18.23

Note: the power readings above were measured with gated method, and the measurement was taken only during the ON time. No duty cycle correction was necessary.

8.68.4. Maximum Power Spectral Density (PSD)

LIMITS

FCC §15.407 (a) (3)

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)	Chain 2 Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
3.09	1.95	4.86	9.15

RESULTS

Antenna Gain and Limit

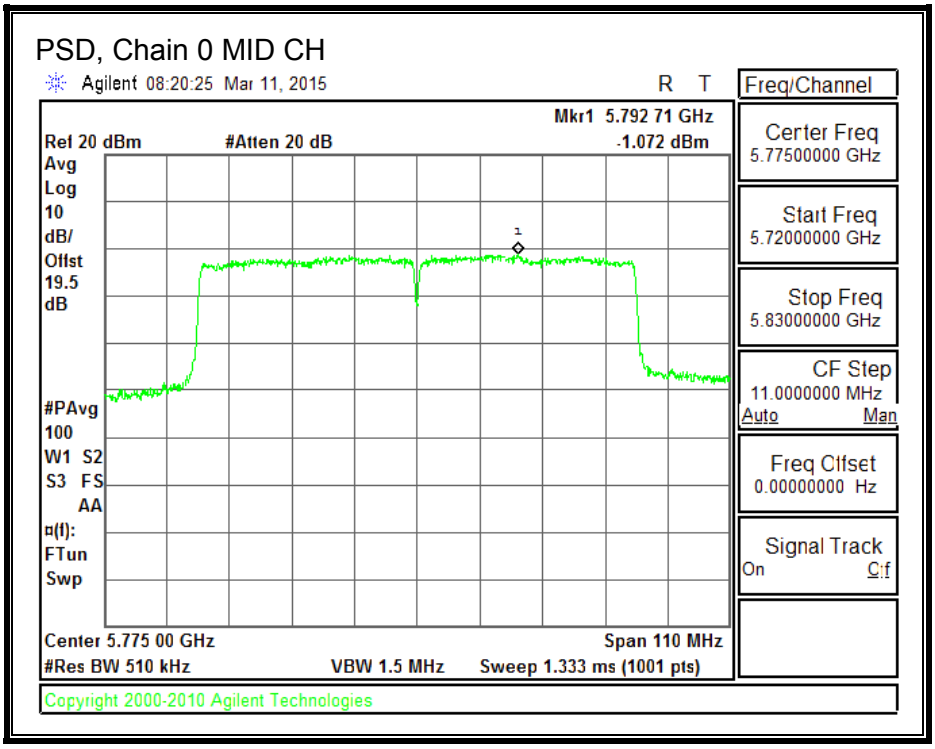
Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Mid	5775	9.15	26.85

Duty Cycle CF (dB)	0.18	Included in Calculations of Corr'd PSD

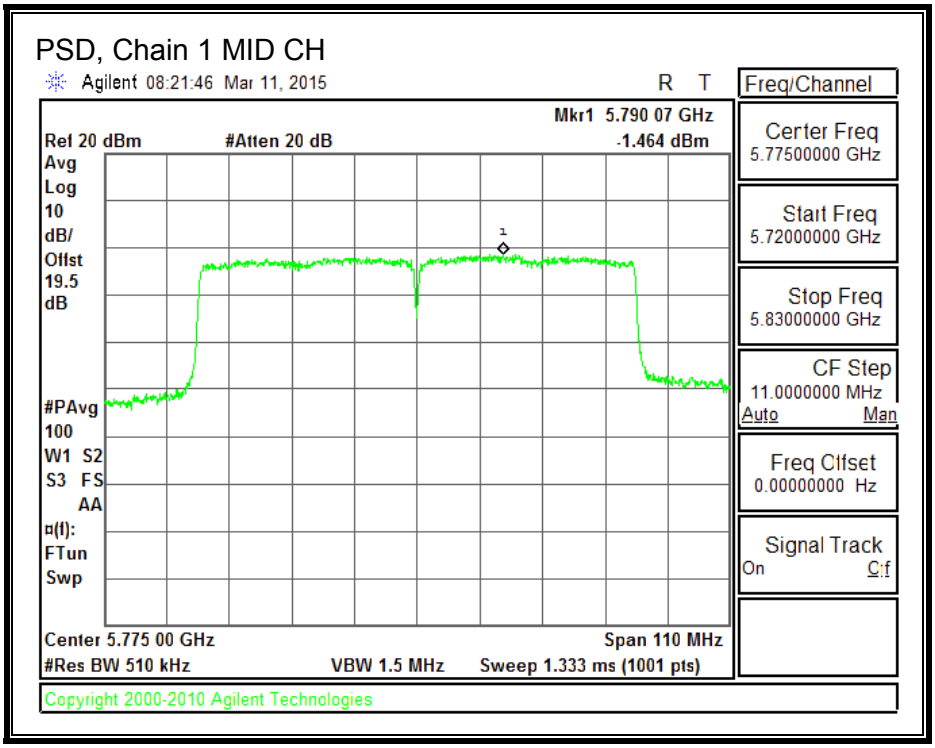
PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Chain 2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5775	-1.072	-1.464	-1.851	3.501	26.85	-23.35

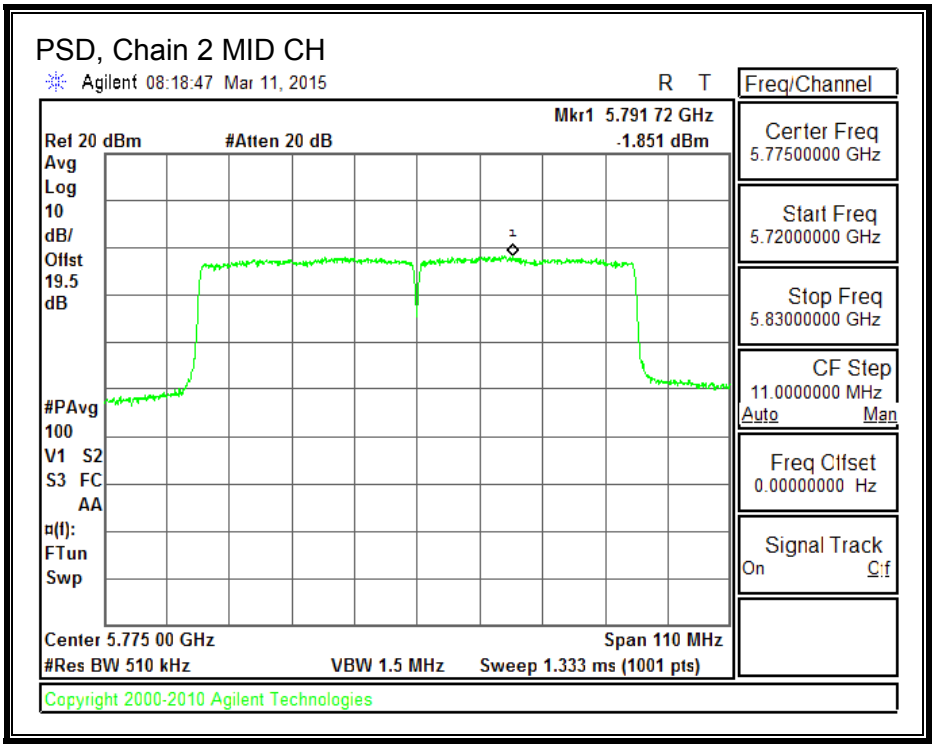
PSD, Chain 0



PSD, Chain 1



PSD, Chain 2



8.69. 802.11ac VHT80 TxBF 3TX MODE IN THE 5.8 GHz BAND

8.69.1. OUTPUT POWER

LIMITS

FCC §15.407 (a) (3)

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)	Chain 2 Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
3.09	1.95	4.86	9.15

RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Mid	5775	9.15	26.85

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Chain 2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	7.50	7.50	7.20	12.17	26.85	-14.68

Note: the power readings above were measured with gated method, and the measurement was taken only during the ON time. No duty cycle correction was necessary.

8.69.2. Maximum Power Spectral Density (PSD)

LIMITS

FCC §15.407 (a) (3)

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)	Chain 2 Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
3.09	1.95	4.86	9.15

RESULTS

Antenna Gain and Limit

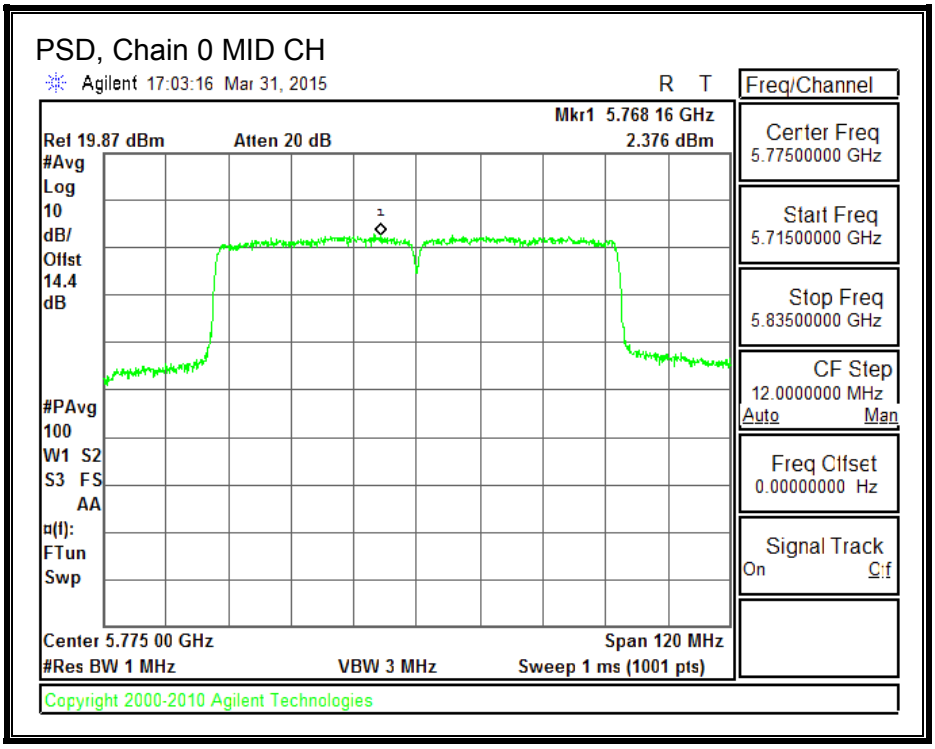
Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Mid	5775	9.15	26.85

Duty Cycle CF (dB)	0.18	Included in Calculations of Corr'd PSD

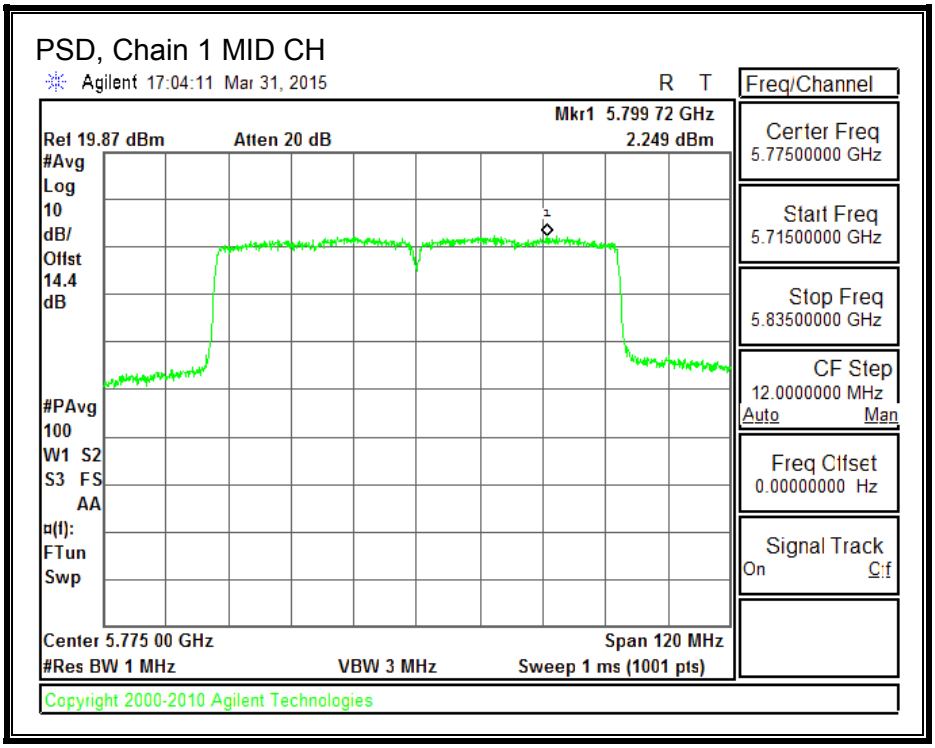
PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Chain 2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5775	2.376	2.249	2.121	7.201	26.85	-19.65

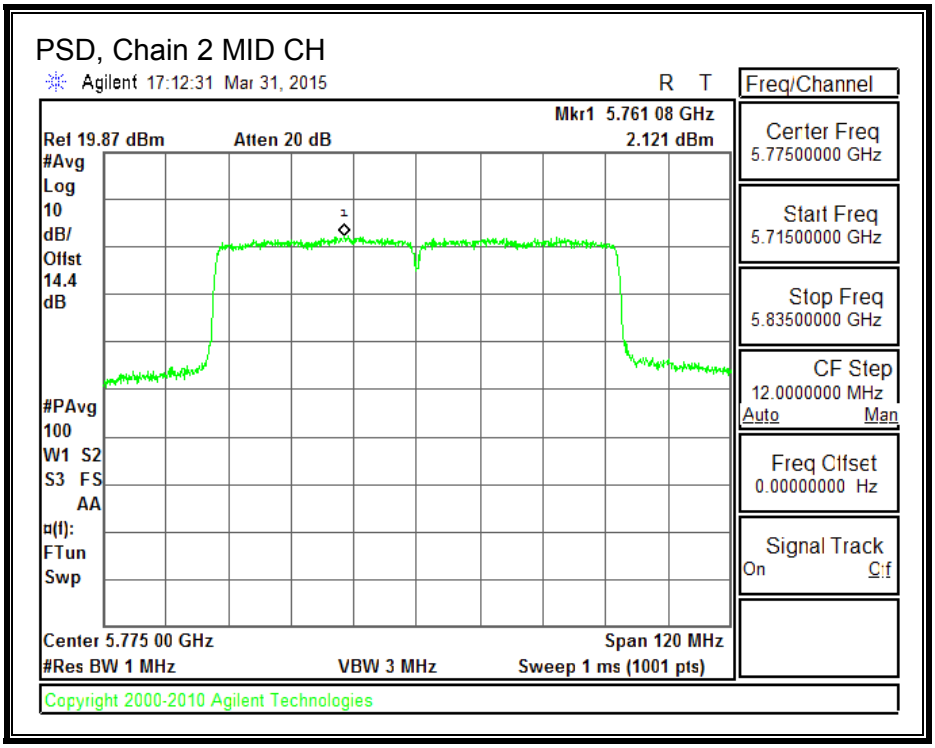
PSD, Chain 0



PSD, Chain 1



PSD, Chain 2



9. RADIATED TEST RESULTS

9.1. LIMITS AND PROCEDURE

LIMITS

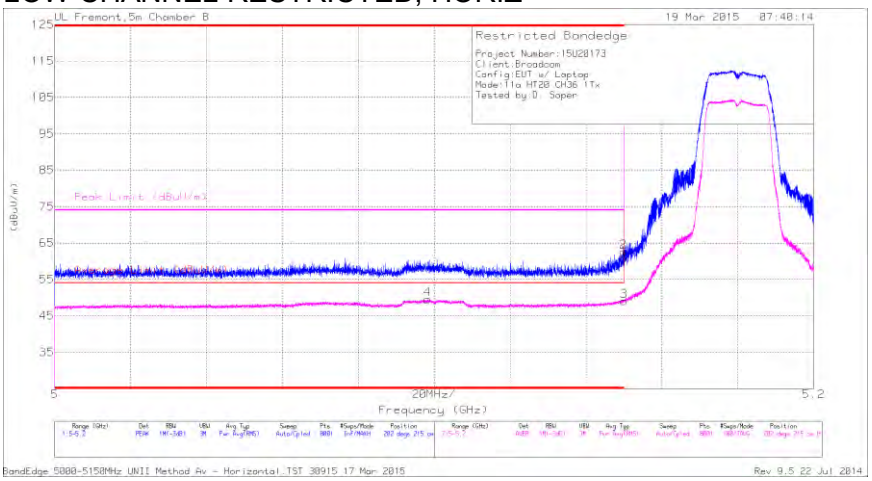
FCC §15.205 and §15.209

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

9.2. TX ABOVE 1 GHz 802.11a LEGACY MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

LOW CHANNEL RESTRICTED, HORIZ



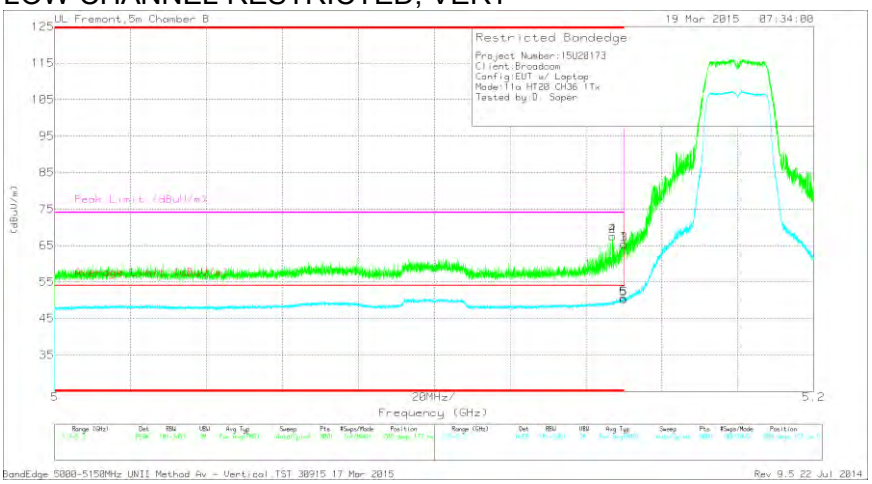
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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
4	* 5.098	33.1	RMS	34	-17.6	49.5	54	-4.5	-	-	202	215	H
1	* 5.15	44.54	PK	34.1	-17.8	60.84	-	-	74	-13.16	202	215	H
2	* 5.15	46.32	PK	34.1	-17.8	62.62	-	-	74	-11.38	202	215	H
3	* 5.15	32.77	RMS	34.1	-17.8	49.07	54	-4.93	-	-	202	215	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

LOW CHANNEL RESTRICTED, VERT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 5.15	48.99	PK	34.1	-17.8	65.29	-	-	74	-8.71	209	177	V
2	* 5.147	51.27	PK	34.1	-17.8	67.57	-	-	74	-6.43	209	177	V
3	* 5.15	48.99	PK	34.1	-17.8	65.29	-	-	74	-8.71	209	177	V
4	* 5.147	51.27	PK	34.1	-17.8	67.57	-	-	74	-6.43	209	177	V
5	* 5.15	34.01	RMS	34.1	-17.8	50.31	54	-3.69	-	-	209	177	V
6	* 5.15	34.39	RMS	34.1	-17.8	50.69	54	-3.31	-	-	209	177	V

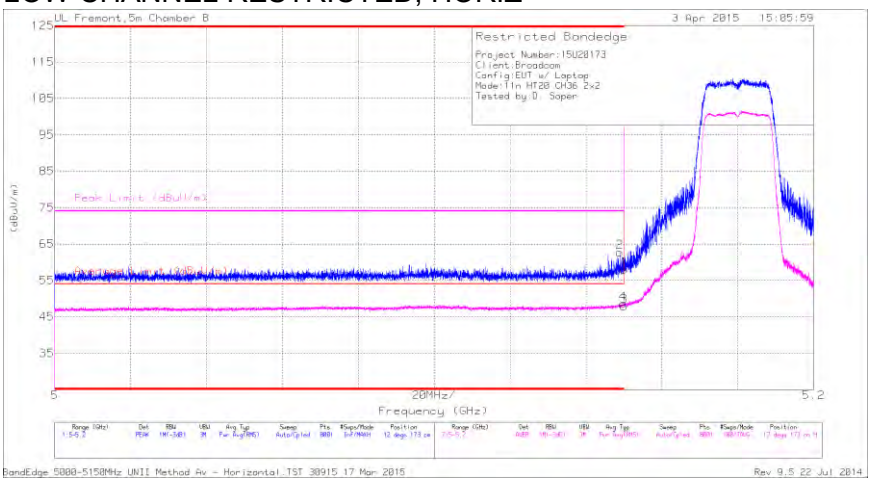
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

9.3. TX ABOVE 1 GHz 802.11n HT20 CDD 2TX MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

LOW CHANNEL RESTRICTED, HORIZ



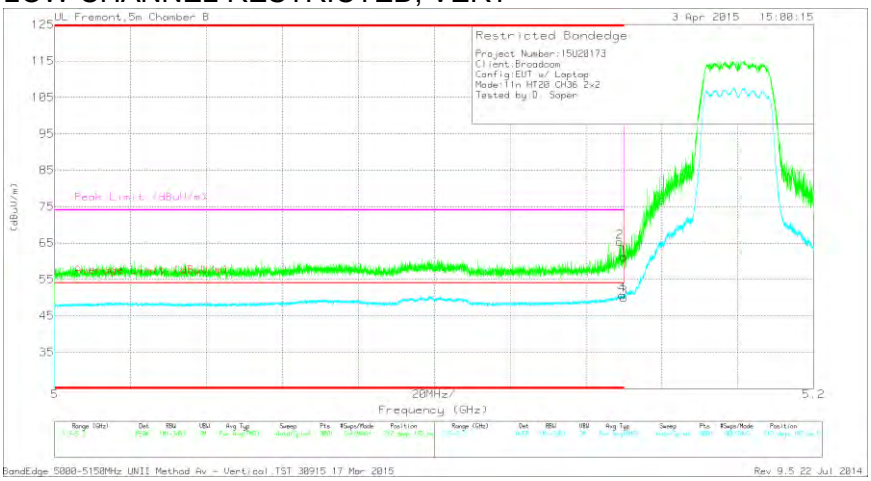
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 5.149	46.47	PK	34.1	-17.8	62.77	-	-	74	-11.23	12	173	H
1	* 5.15	41.74	PK	34.1	-17.8	58.04	-	-	74	-15.96	12	173	H
3	* 5.15	31.65	RMS	34.1	-17.8	47.95	54	-6.05	-	-	12	173	H
4	* 5.15	32.29	RMS	34.1	-17.8	48.59	54	-5.41	-	-	12	173	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

LOW CHANNEL RESTRICTED, VERT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 5.149	48.99	PK	34.1	-17.8	65.29	-	-	74	-8.71	212	182	V
1	* 5.15	44.87	PK	34.1	-17.8	61.17	-	-	74	-12.83	212	182	V
3	* 5.15	33.67	RMS	34.1	-17.8	49.97	54	-4.03	-	-	212	182	V
4	* 5.15	34.36	RMS	34.1	-17.8	50.66	54	-3.34	-	-	212	182	V

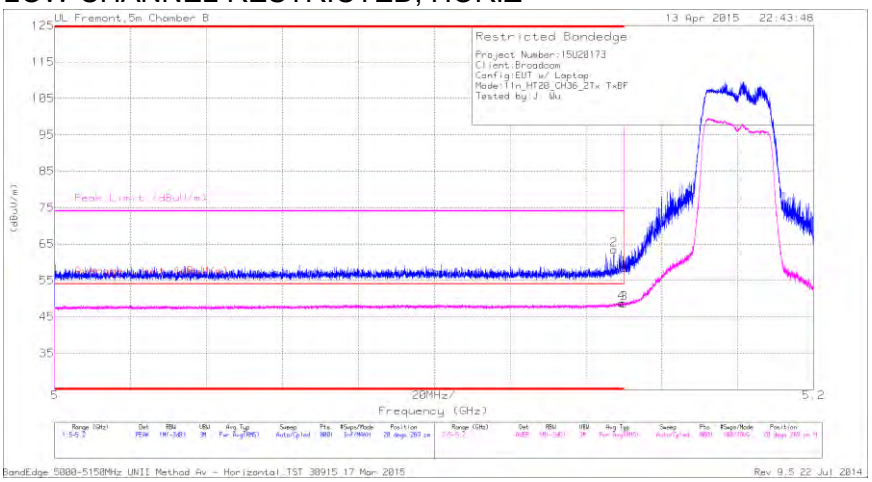
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

9.4. TX ABOVE 1 GHz 802.11n HT20 TxBF 2TX MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

LOW CHANNEL RESTRICTED, HORIZ



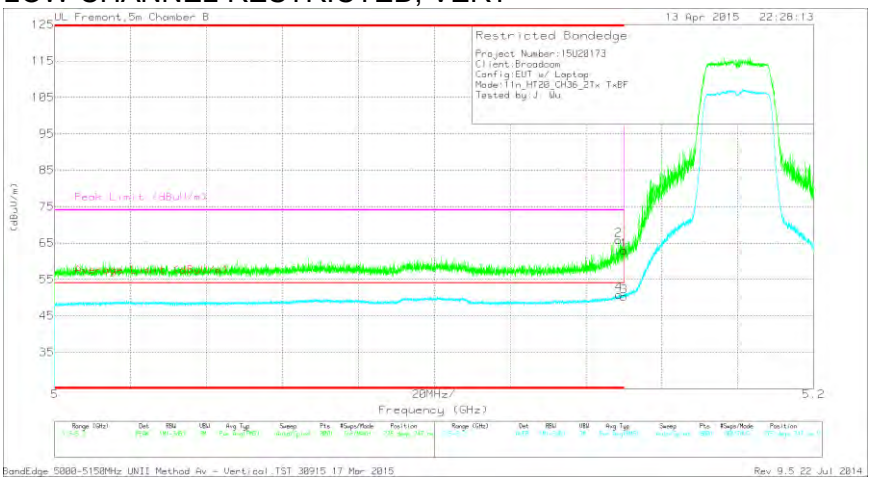
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	47.11	PK	34.1	-17.8	0	63.41	-	-	74	-10.59	20	269	H
4	* 5.149	31.99	RMS	34.1	-17.8	.52	48.81	54	-5.19	-	-	20	269	H
1	* 5.15	42.01	PK	34.1	-17.8	0	58.31	-	-	74	-15.69	20	269	H
3	* 5.15	31.91	RMS	34.1	-17.8	.52	48.73	54	-5.27	-	-	20	269	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

LOW CHANNEL RESTRICTED, VERT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 5.15	46.69	PK	34.1	-17.8	0	62.99	-	-	74	-11.01	275	247	V
2	* 5.149	49.56	PK	34.1	-17.8	0	65.86	-	-	74	-8.14	275	247	V
3	* 5.15	33.51	RMS	34.1	-17.8	.52	50.33	54	-3.67	-	-	275	247	V
4	* 5.149	34.03	RMS	34.1	-17.8	.52	50.85	54	-3.15	-	-	275	247	V

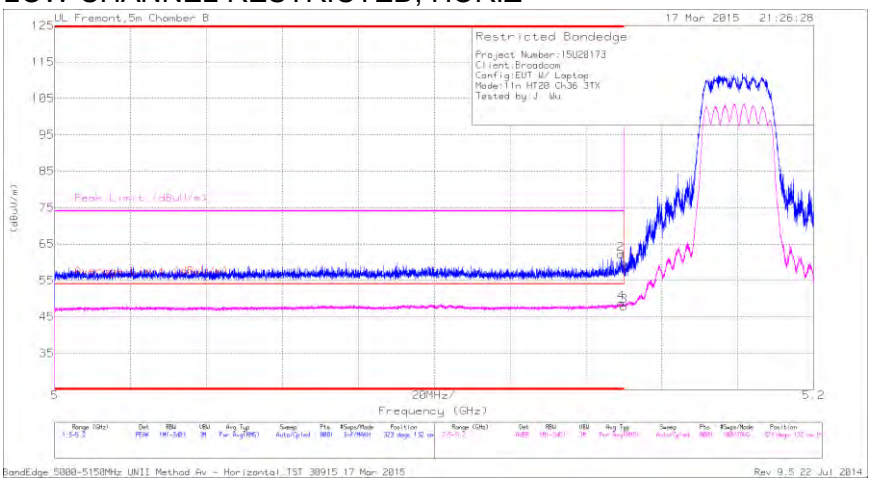
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

9.5. TX ABOVE 1 GHz 802.11n HT20 CDD 3TX MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

LOW CHANNEL RESTRICTED, HORIZ



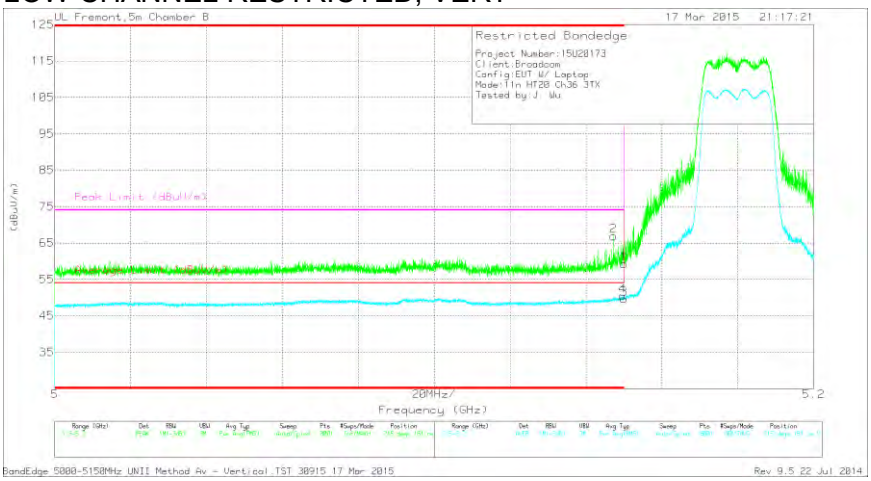
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	45.94	PK	34.1	-17.8	0	62.24	-	-	74	-11.76	323	132	H
4	* 5.149	32.51	RMS	34.1	-17.8	0	48.81	54	-5.19	-	-	323	132	H
1	* 5.15	43.43	PK	34.1	-17.8	0	59.73	-	-	74	-14.27	323	132	H
3	* 5.15	31.59	RMS	34.1	-17.8	0	47.89	54	-6.11	-	-	323	132	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

LOW CHANNEL RESTRICTED, VERT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 5.15	42.94	PK	34.1	-17.8	0	59.24	-	-	74	-14.76	215	181	V
2	* 5.147	50.57	PK	34.1	-17.8	0	66.87	-	-	74	-7.13	215	181	V
3	* 5.15	33.4	RMS	34.1	-17.8	0	49.7	54	-4.3	-	-	215	181	V
4	* 5.15	34.07	RMS	34.1	-17.8	0	50.37	54	-3.63	-	-	215	181	V

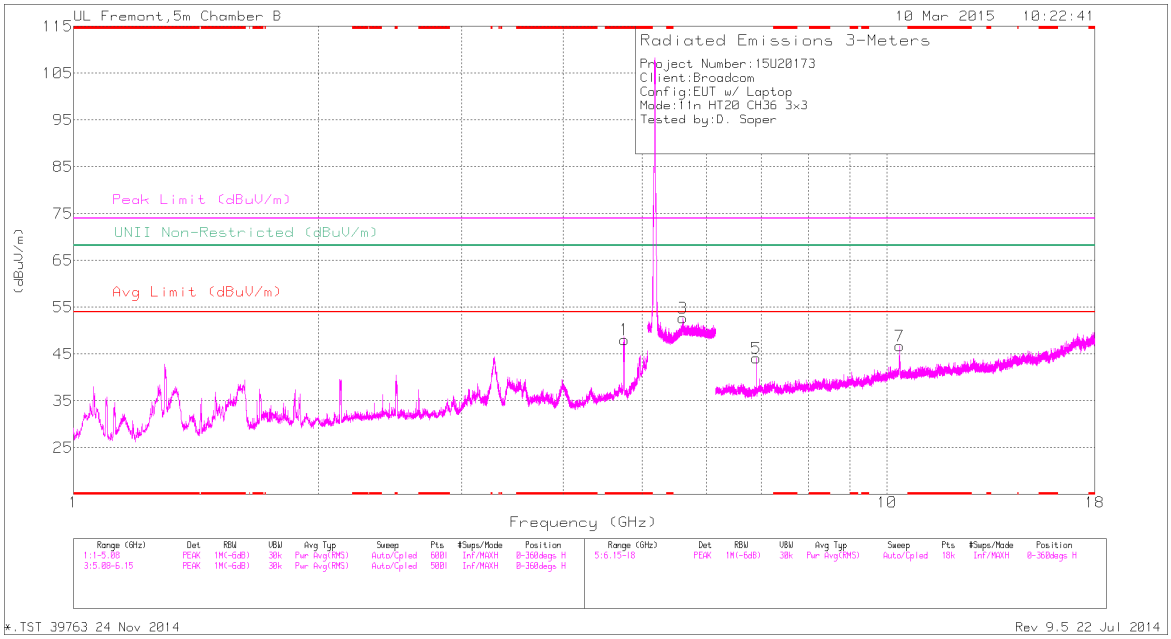
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

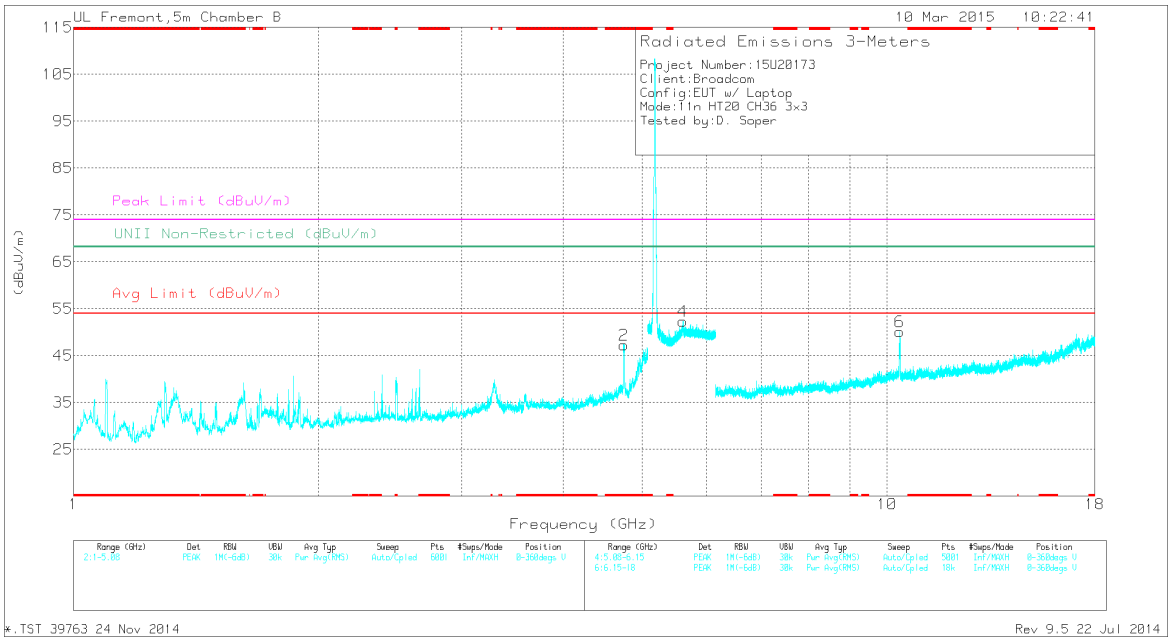
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL

HORIZONTAL



VERTICAL



Trace Markers

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	* 4.751	52.69	PK1	34	-29.5	0	57.19	-	-	74	-16.81	-	-	14	119	H
	* 4.751	43.55	AD1	34	-29.5	0	48.05	54	-5.95	-	-	-	-	14	119	H
2	* 4.751	52.56	PK1	34	-29.5	0	57.06	-	-	74	-16.94	-	-	199	256	V
	* 4.751	42.8	AD1	34	-29.5	0	47.3	54	-6.7	-	-	-	-	199	256	V
3	5.611	44	PK1	34.4	-18	0	60.4	-	-	-	-	68.2	-7.8	295	157	H
	5.611	34.25	AD1	34.4	-18	0	50.65	-	-	-	-	-	-	295	157	H
4	5.611	46.23	PK1	34.4	-18	0	62.63	-	-	-	-	68.2	-5.57	193	223	V
	6.906	42.66	PK1	35.2	-28	0	49.86	-	-	-	-	68.2	-18.34	278	112	H
5	10.36	43.83	PK1	37.3	-22.9	0	58.23	-	-	-	-	68.2	-9.97	3	115	V
6	10.361	43.14	PK1	37.3	-22.9	0	57.54	-	-	-	-	68.2	-10.66	283	139	H
7	10.361	32.33	PK	37.3	-22.9	0	46.73	-	-	-	-	68.2	-21.47	0-360	101	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

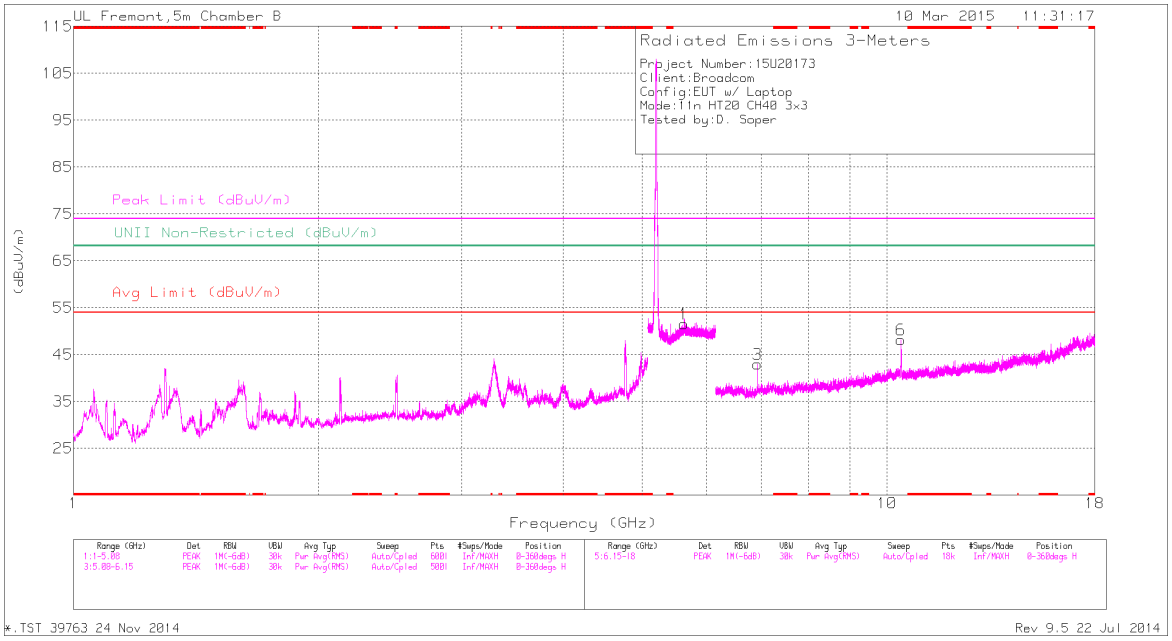
**-indicates frequency covered by BE tests

***-indicates frequency in the authorized band

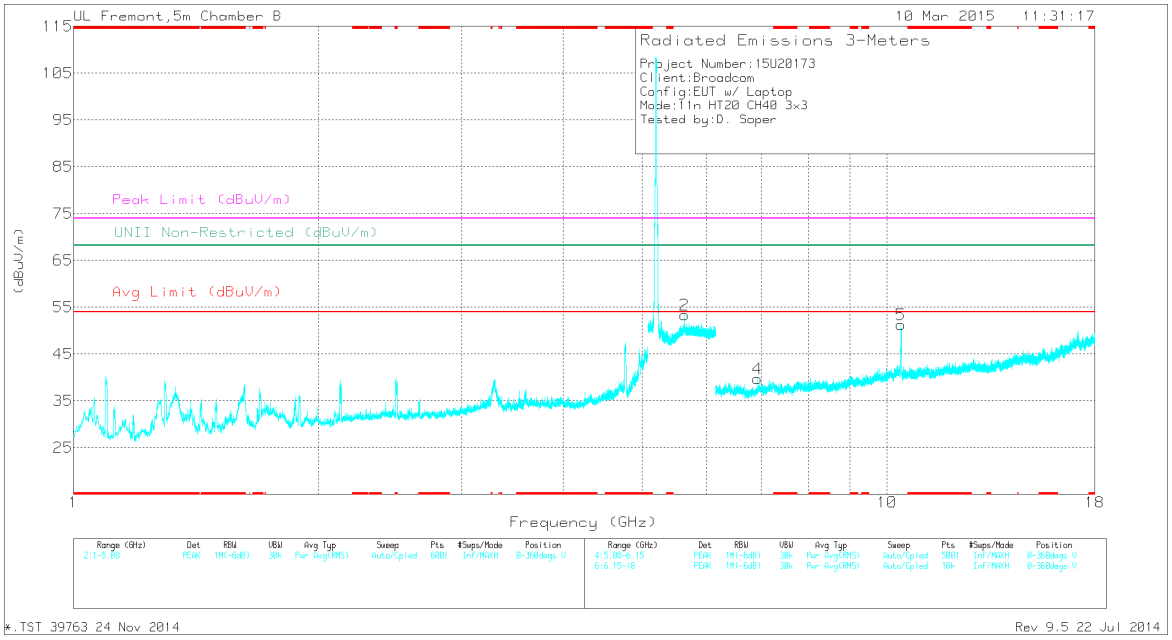
PK - Peak detector
PK1 - KDB789033 Method: Peak
AD1 - KDB789033 Method: AD Primary Power Average

MID CHANNEL

HORIZONTAL



VERTICAL



Trace Markers

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	5.633	45	PK1	34.4	-18	0	61.4	-	-	-	-	68.2	-6.8	27	155	H
2	5.633	46.2	PK1	34.4	-18	0	62.6	-	-	-	-	68.2	-5.6	198	223	V
3	6.933	41.28	PK1	35.2	-27.2	0	49.28	-	-	-	-	68.2	-18.92	274	103	H
4	6.933	39.88	PK1	35.2	-27.2	0	47.88	-	-	-	-	68.2	-20.32	156	339	V
5	10.396	46.54	PK1	37.4	-23.4	0	60.54	-	-	-	-	68.2	-7.66	32	105	V
6	10.401	43.78	PK1	37.4	-23.4	0	57.78	-	-	-	-	68.2	-10.42	279	137	H

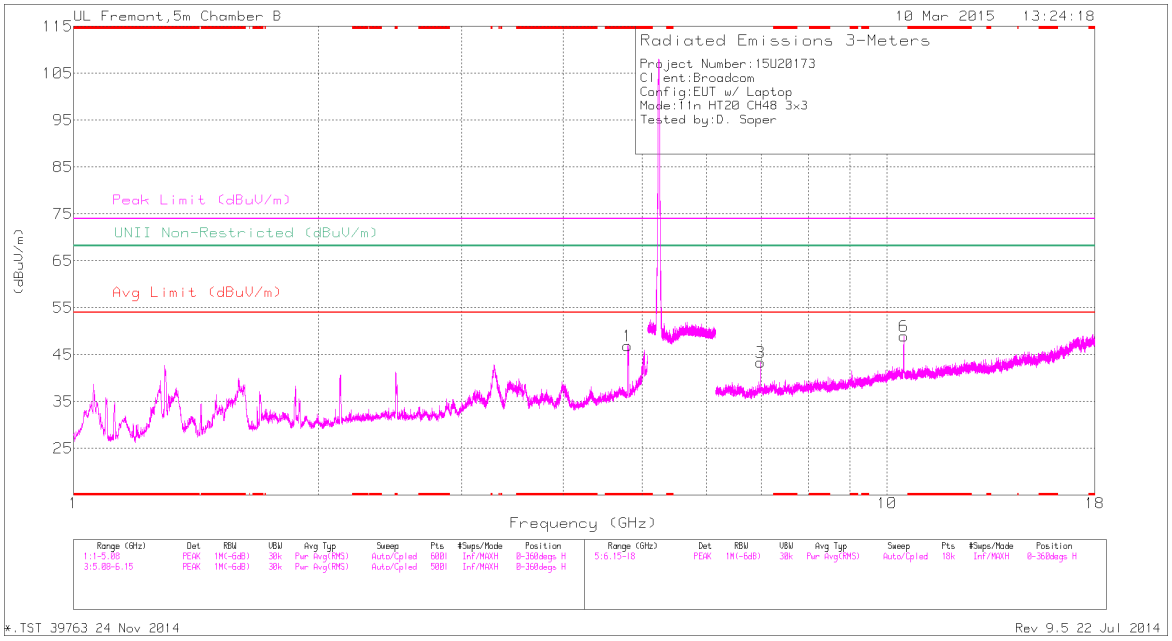
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

** - indicates frequency in the authorized band

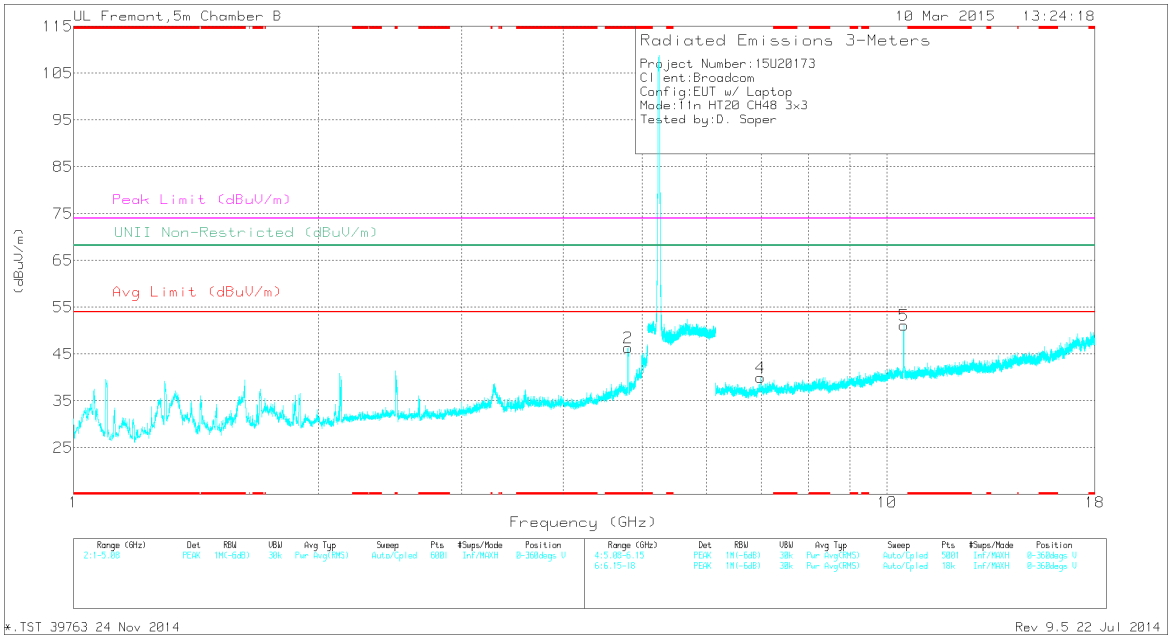
PK - Peak detector
PK1 - KDB789033 Method: Peak
AD1 - KDB789033 Method: AD Primary Power Average

HIGH CHANNEL

HORIZONTAL



VERTICAL



Trace Markers

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	* 4.796	50.66	PK1	33.9	-29.5	0	55.06	-	-	74	-18.94	-	-	10	119	H
	* 4.796	41.73	AD1	33.9	-29.5	0	46.13	54	-7.87	-	-	-	-	10	119	H
2	* 4.8	51.12	PK1	33.9	-29.5	0	55.52	-	-	74	-18.48	-	-	196	180	V
	* 4.8	41.05	AD1	33.9	-29.5	0	45.45	54	-8.55	-	-	-	-	196	180	V
3	6.987	40.92	PK1	35.3	-27.1	0	49.12	-	-	-	-	68.2	-19.08	274	168	H
4	6.987	39.19	PK1	35.3	-27.1	0	47.39	-	-	-	-	68.2	-20.81	229	210	V
6	10.48	45.91	PK1	37.3	-23.4	0	59.81	-	-	-	-	68.2	-8.39	33	105	V
5	10.481	44.14	PK1	37.3	-23.4	0	58.04	-	-	-	-	68.2	-10.16	279	107	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

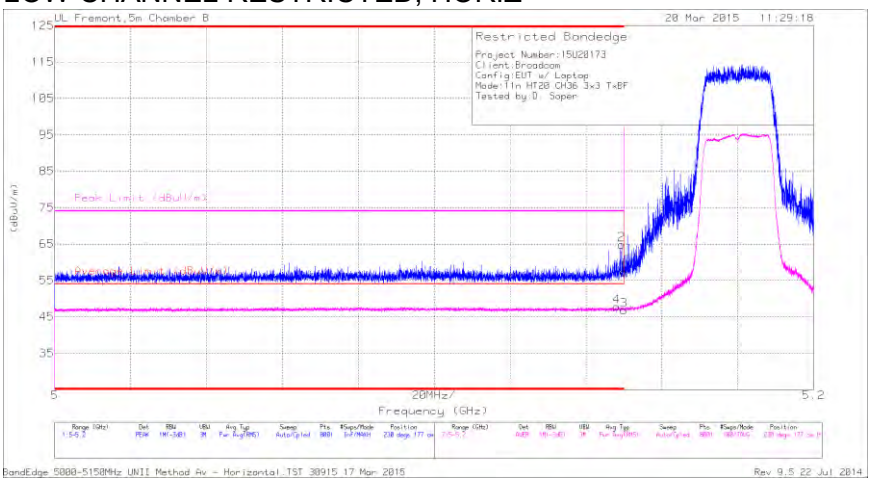
** - indicates frequency in authorized band

PK - Peak detector
PK1 - KDB789033 Method: Peak
AD1 - KDB789033 Method: AD Primary Power Average

9.6. TX ABOVE 1 GHz 802.11n HT20 TxBF 3TX MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

LOW CHANNEL RESTRICTED, HORIZ



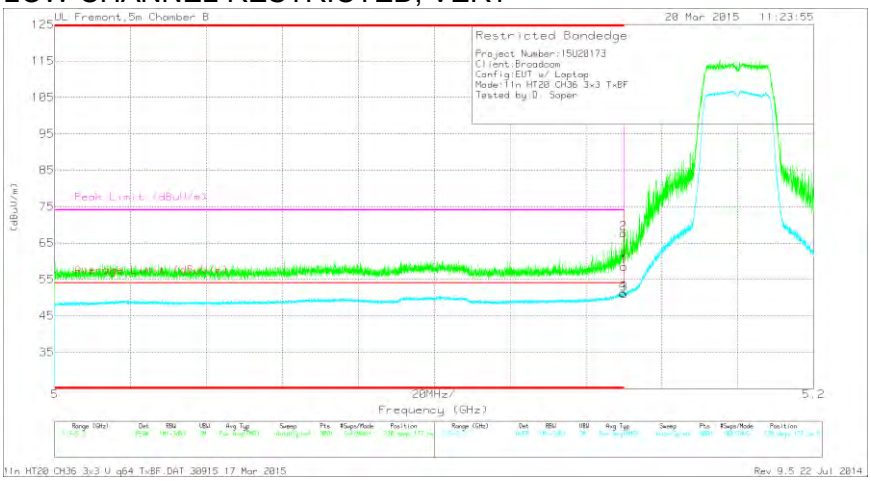
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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
4	* 5.148	31.52	RMS	34.1	-17.8	.52	48.34	54	-5.66	-	-	230	177	H
2	* 5.149	48.58	PK	34.1	-17.8	0	64.88	-	-	74	-9.12	230	177	H
1	* 5.15	40.93	PK	34.1	-17.8	0	57.23	-	-	74	-16.77	230	177	H
3	* 5.15	30.56	RMS	34.1	-17.8	.52	47.38	54	-6.62	-	-	230	177	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

LOW CHANNEL RESTRICTED, VERT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 5.15	42.14	PK	34.1	-17.8	0	58.44	-	-	74	-15.56	230	177	V
2	* 5.15	51.43	PK	34.1	-17.8	0	67.73	-	-	74	-6.27	230	177	V
3	* 5.15	33.89	RMS	34.1	-17.8	.52	50.71	54	-3.29	-	-	230	177	V
4	* 5.15	34.1	RMS	34.1	-17.8	.52	50.92	54	-3.08	-	-	230	177	V

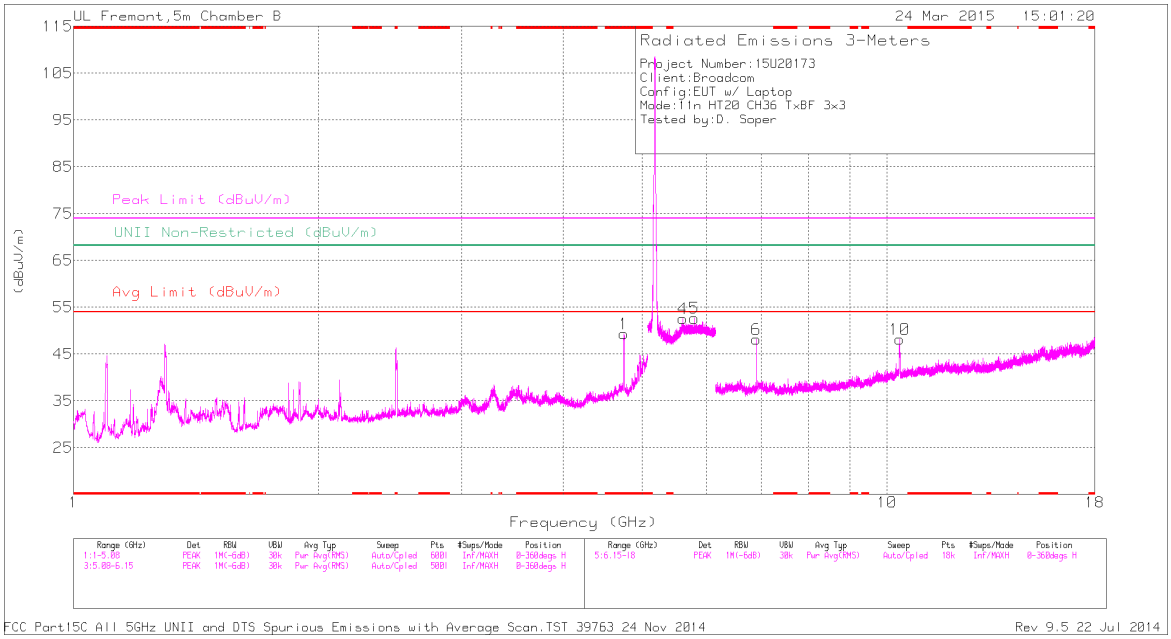
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

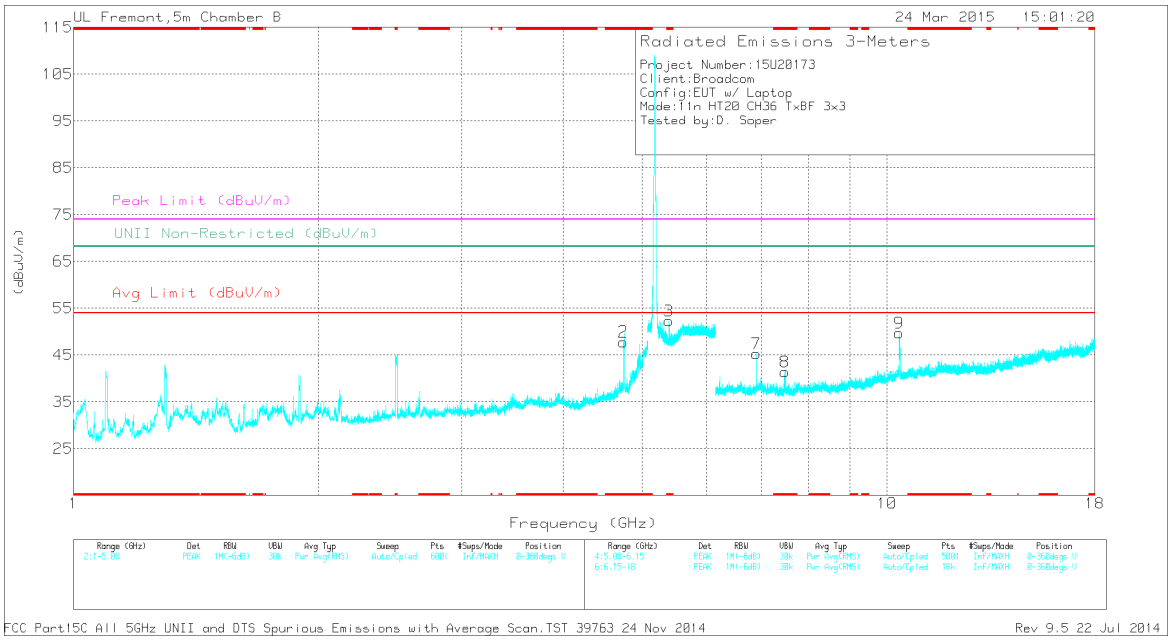
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL

HORIZONTAL



VERTICAL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fltr /Pad (dB)	DCCF	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	* 4.749	53.25	PK1	34.3	-29.6	0	57.95	-	-	74	-16.05	-	-	304	132	H
	* 4.75	42.59	AD1	34.3	-29.6	.52	47.81	54	-6.19	-	-	-	-	304	132	H
2	* 4.741	52.85	PK1	34.3	-29.7	0	57.45	-	-	74	-16.55	-	-	215	172	V
	* 4.744	42.72	AD1	34.3	-29.6	.52	47.94	54	-6.06	-	-	-	-	215	172	V
3	* 5.396	43.13	PK1	34.5	-17.9	0	59.73	-	-	74	-14.27	-	-	215	102	V
	* 5.396	34.32	AD1	34.5	-17.9	.52	51.44	54	-2.56	-	-	-	-	215	102	V
8	* 7.481	41.71	PK1	35.3	-26.6	0	50.41	-	-	74	-23.59	-	-	240	209	V
	* 7.483	27.06	AD1	35.3	-26.6	.52	36.28	54	-17.72	-	-	-	-	240	209	V
4	5.611	42.18	PK1	34.7	-18	0	58.88	-	-	-	-	68.2	-9.32	215	126	H
5	5.8	40.95	PK1	35.2	-17.4	0	58.75	-	-	-	-	68.2	-9.45	215	126	H
6	6.907	38.48	PK1	36.1	-27.9	0	46.68	-	-	-	-	68.2	-21.52	240	177	H
7	6.907	38.49	PK1	36.1	-28	0	46.59	-	-	-	-	68.2	-21.61	210	165	V
9	10.352	35.95	PK1	37.4	-22.7	0	50.65	-	-	-	-	68.2	-17.55	240	142	V
10	10.356	35.55	PK1	37.4	-22.7	0	50.15	-	-	-	-	68.2	-17.05	230	182	H

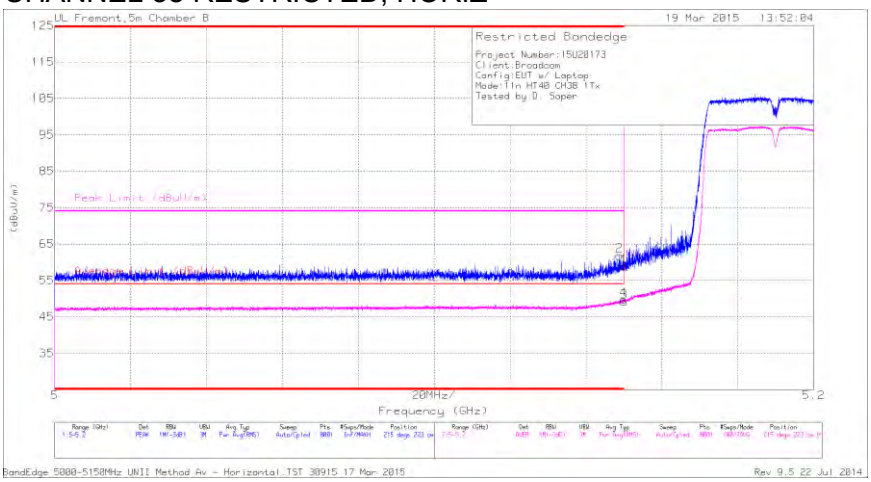
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
PK1 - KDB789033 Method: Peak
AD1 - KDB789033 Method: AD Primary Power Average

9.7. TX ABOVE 1 GHz 802.11n HT40 1TX MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (CHANNEL 38)

CHANNEL 38 RESTRICTED, HORIZ



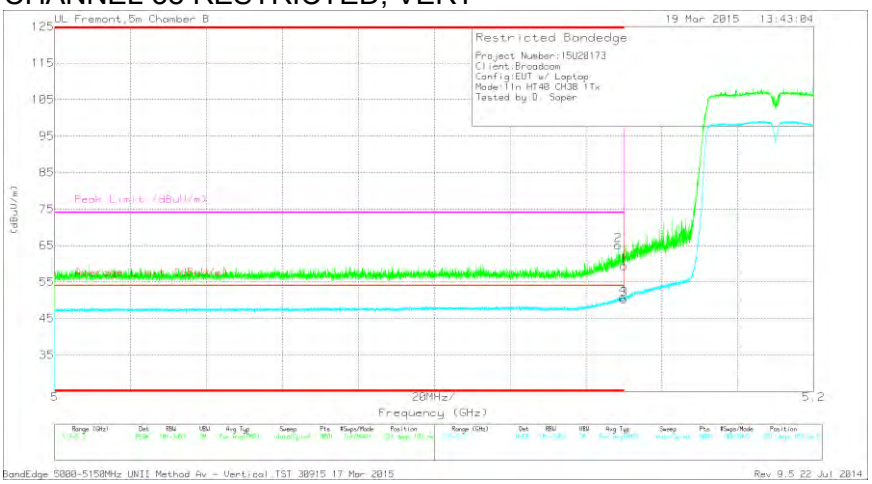
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	DC Corr	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	45.48	PK	34.1	-17.8	0	61.78	-	-	74	-12.22	215	223	H
1	* 5.15	42.59	PK	34.1	-17.8	0	58.89	-	-	74	-15.11	215	223	H
3	* 5.15	32.92	RMS	34.1	-17.8	.09	49.31	54	-4.69	-	-	215	223	H
4	* 5.15	33.38	RMS	34.1	-17.8	.09	49.77	54	-4.23	-	-	215	223	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

CHANNEL 38 RESTRICTED, VERT



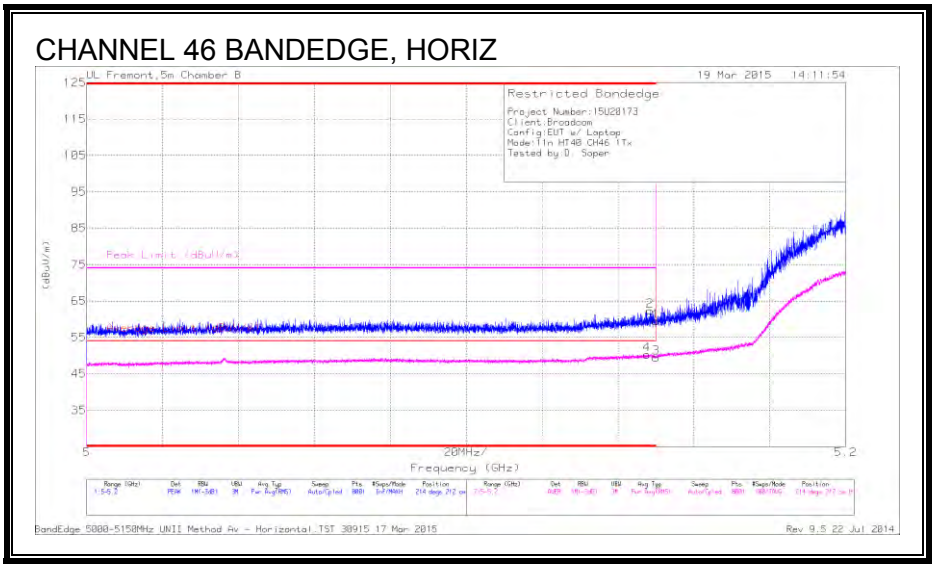
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	DC Corr	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	48.75	PK	34.1	-17.8	0	65.05	-	-	74	-8.95	221	103	V
1	* 5.15	43.12	PK	34.1	-17.8	0	59.42	-	-	74	-14.58	221	103	V
3	* 5.15	34.03	RMS	34.1	-17.8	.09	50.42	54	-3.58	-	-	221	103	V
4	* 5.15	34.46	RMS	34.1	-17.8	.09	50.85	54	-3.15	-	-	221	103	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (CHANNEL 46)



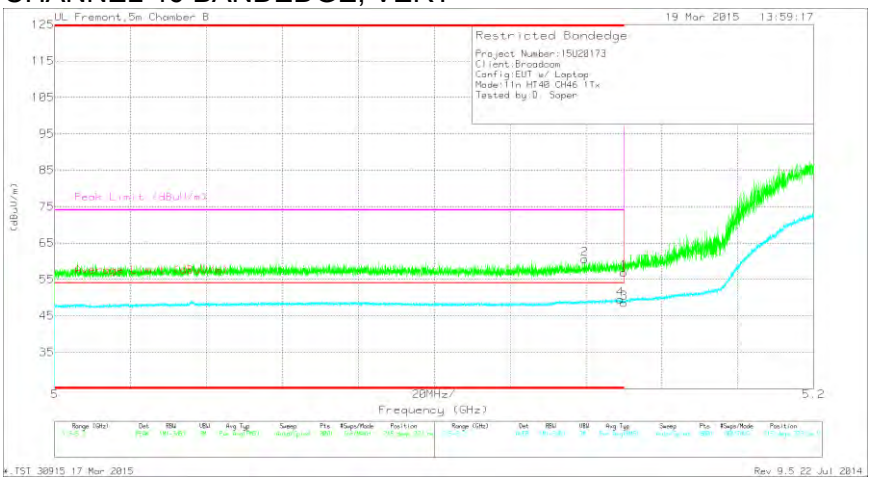
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	DC Corr	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 5.148	34.02	RMS	34.1	-17.8	0	50.32	54	-3.59	-	-	214	212	H
2	* 5.149	46.03	PK	34.1	-17.8	0	62.33	-	-	74	-11.67	214	212	H
1	* 5.15	43.19	PK	34.1	-17.8	.09	59.58	-	-	74	-14.51	214	212	H
3	* 5.15	33.1	RMS	34.1	-17.8	.09	50.3	54	-4.51	-	-	214	212	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

CHANNEL 46 BANDEDGE, VERT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 5.14	44.27	PK	34.1	-17.8	0	60.57	-	-	74	-13.43	215	223	V
4	* 5.149	33.27	RMS	34.1	-17.8	.09	49.67	54	-4.33	-	-	215	223	V
1	* 5.15	40.63	PK	34.1	-17.8	0	56.93	-	-	74	-17.07	215	223	V
3	* 5.15	32.3	RMS	34.1	-17.8	.09	48.7	54	-5.3	-	-	215	223	V

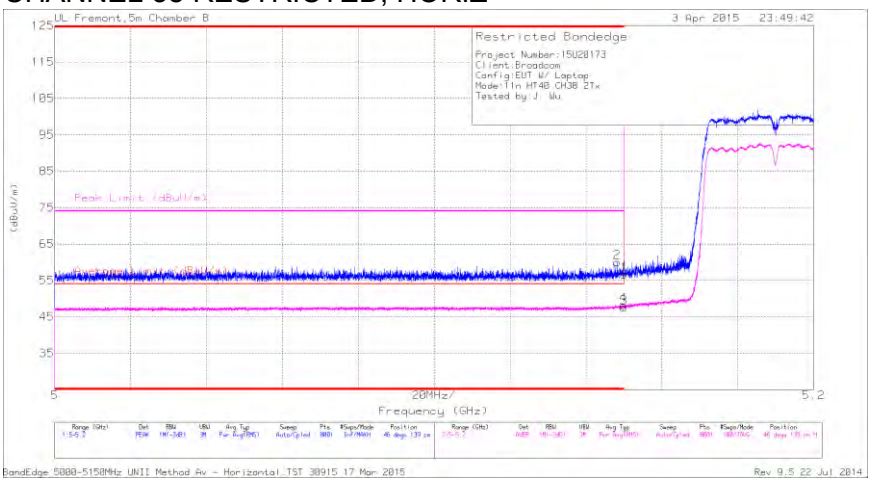
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

9.8. TX ABOVE 1 GHz 802.11n HT40 CDD 2TX MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (CHANNEL 38)

CHANNEL 38 RESTRICTED, HORIZ



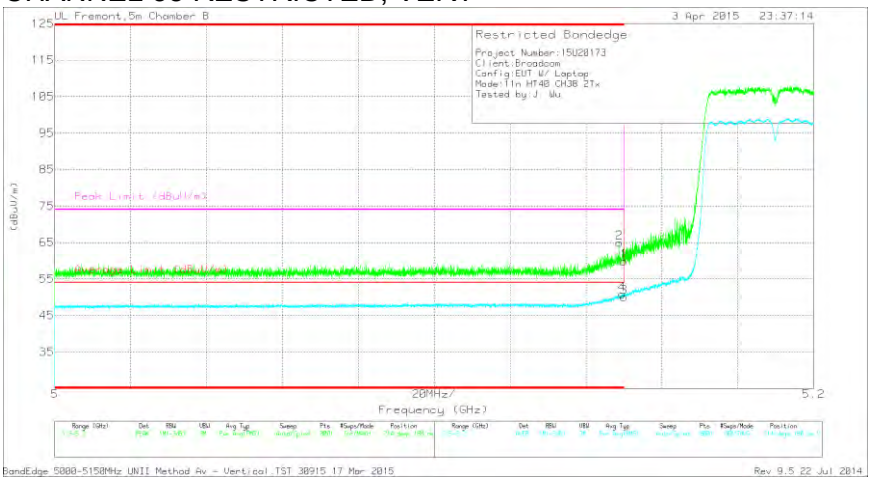
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	43.66	PK	34.1	-17.8	0	59.96	-	-	74	-14.04	46	139	H
1	* 5.15	40.36	PK	34.1	-17.8	0	56.66	-	-	74	-17.34	46	139	H
3	* 5.15	31.22	RMS	34.1	-17.8	.09	47.61	54	-6.39	-	-	46	139	H
4	* 5.15	31.85	RMS	34.1	-17.8	.09	48.24	54	-5.76	-	-	46	139	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

CHANNEL 38 RESTRICTED, VERT



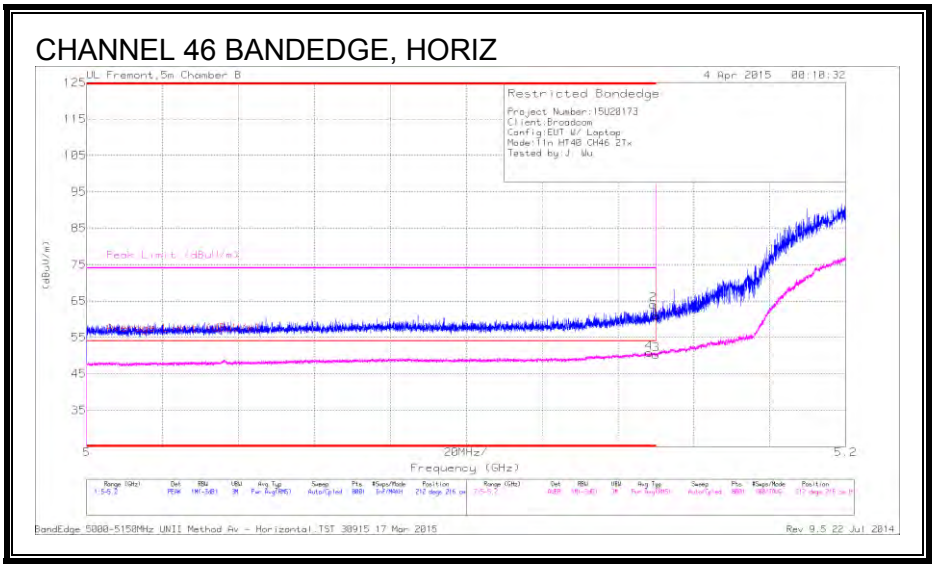
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	48.68	PK	34.1	-17.8	0	64.98	-	-	74	-9.02	214	180	V
1	* 5.15	43.55	PK	34.1	-17.8	0	59.85	-	-	74	-14.15	214	180	V
3	* 5.15	33.77	RMS	34.1	-17.8	.09	50.16	54	-3.84	-	-	214	180	V
4	* 5.15	34.54	RMS	34.1	-17.8	.09	50.93	54	-3.07	-	-	214	180	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (CHANNEL 46)



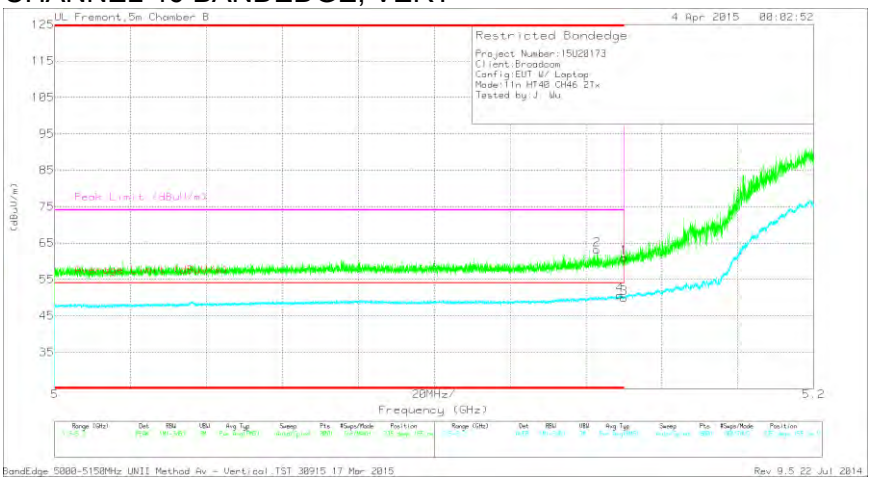
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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
4	* 5.148	34.54	RMS	34.1	-17.8	.09	50.93	54	-3.07	-	-	212	216	H
2	* 5.149	47.76	PK	34.1	-17.8	0	64.06	-	-	74	-9.94	212	216	H
1	* 5.15	44.64	PK	34.1	-17.8	0	60.94	-	-	74	-13.06	212	216	H
3	* 5.15	33.93	RMS	34.1	-17.8	.09	50.32	54	-3.68	-	-	212	216	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

CHANNEL 46 BANDEDGE, VERT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	44.73	PK	34.1	-17.8	0	61.03	-	-	74	-12.97	235	155	V
2	* 5.143	46.8	PK	34.1	-17.7	0	63.2	-	-	74	-10.8	235	155	V
3	* 5.15	33.56	RMS	34.1	-17.8	.09	49.95	54	-4.05	-	-	235	155	V
4	* 5.149	34.31	RMS	34.1	-17.8	.09	50.7	54	-3.3	-	-	235	155	V

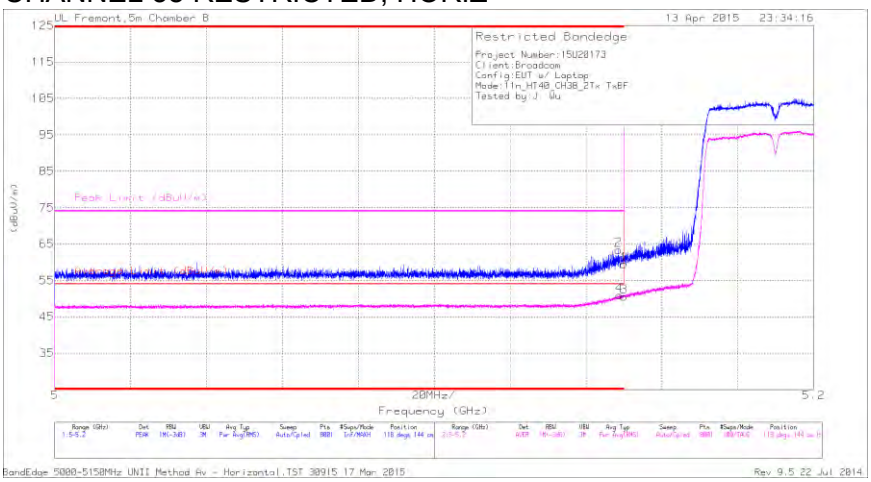
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

9.9. TX ABOVE 1 GHz 802.11n HT40 TxBF 2TX MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (CHANNEL 38)

CHANNEL 38 RESTRICTED, HORIZ



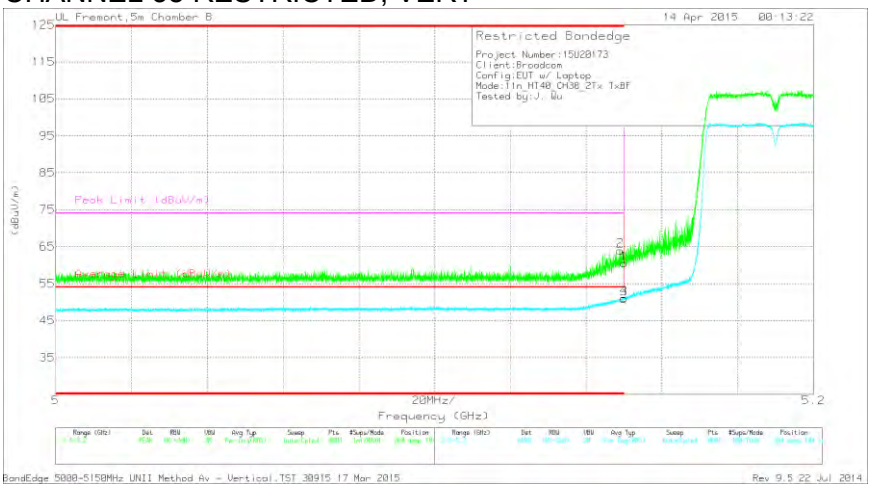
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	47.09	PK	34.1	-17.8	0	63.39	-	-	74	-10.61	118	144	H
4	* 5.149	33.97	RMS	34.1	-17.8	.66	50.93	54	-3.07	-	-	118	144	H
1	* 5.15	43.13	PK	34.1	-17.8	0	59.43	-	-	74	-14.57	118	144	H
3	* 5.15	33.62	RMS	34.1	-17.8	.66	50.58	54	-3.42	-	-	118	144	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

CHANNEL 38 RESTRICTED, VERT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	47.63	PK	34.1	-17.8	0	63.93	-	-	74	-10.07	304	184	V
1	* 5.15	44.16	PK	34.1	-17.8	0	60.46	-	-	74	-13.54	304	184	V
3	* 5.15	34.02	RMS	34.1	-17.8	.66	50.98	54	-3.02	-	-	304	184	V
4	* 5.15	34.16	RMS	34.1	-17.8	.66	51.12	54	-2.88	-	-	304	184	V

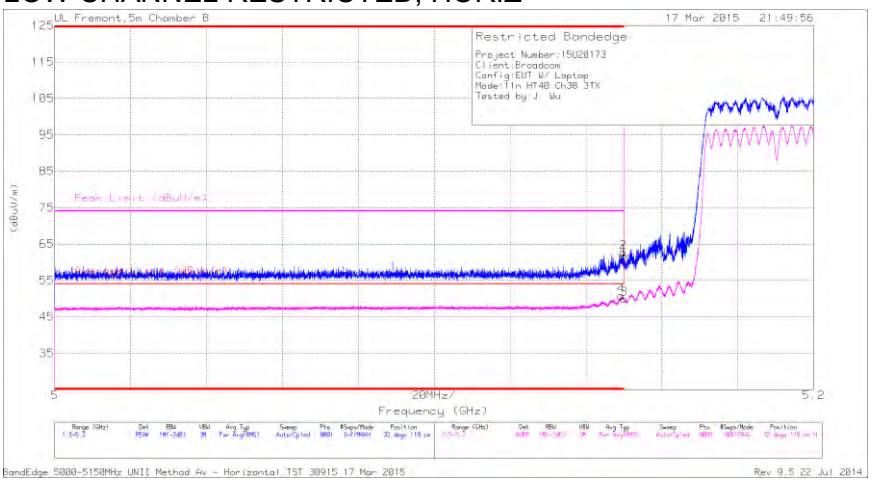
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

9.10. TX ABOVE 1 GHz 802.11n HT40 CDD 3TX MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

LOW CHANNEL RESTRICTED, HORIZ



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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
4	* 5.149	34.34	RMS	34.1	-17.8	.09	50.73	54	-3.27	-	-	32	118	H
1	* 5.15	45.41	PK	34.1	-17.8	0	61.71	-	-	74	-12.29	32	118	H
2	* 5.15	46.43	PK	34.1	-17.8	0	62.73	-	-	74	-11.27	32	118	H
3	* 5.15	33.48	RMS	34.1	-17.8	.09	49.87	54	-4.13	-	-	32	118	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

LOW CHANNEL RESTRICTED, VERT

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	47.91	PK	34.1	-17.8	0	64.21	-	-	74	-9.79	224	178	V
1	* 5.15	43.73	PK	34.1	-17.8	0	60.03	-	-	74	-13.97	224	178	V
3	* 5.15	33.55	RMS	34.1	-17.8	.09	49.94	54	-4.06	-	-	224	178	V
4	* 5.15	34.3	RMS	34.1	-17.8	.09	50.69	54	-3.31	-	-	224	178	V

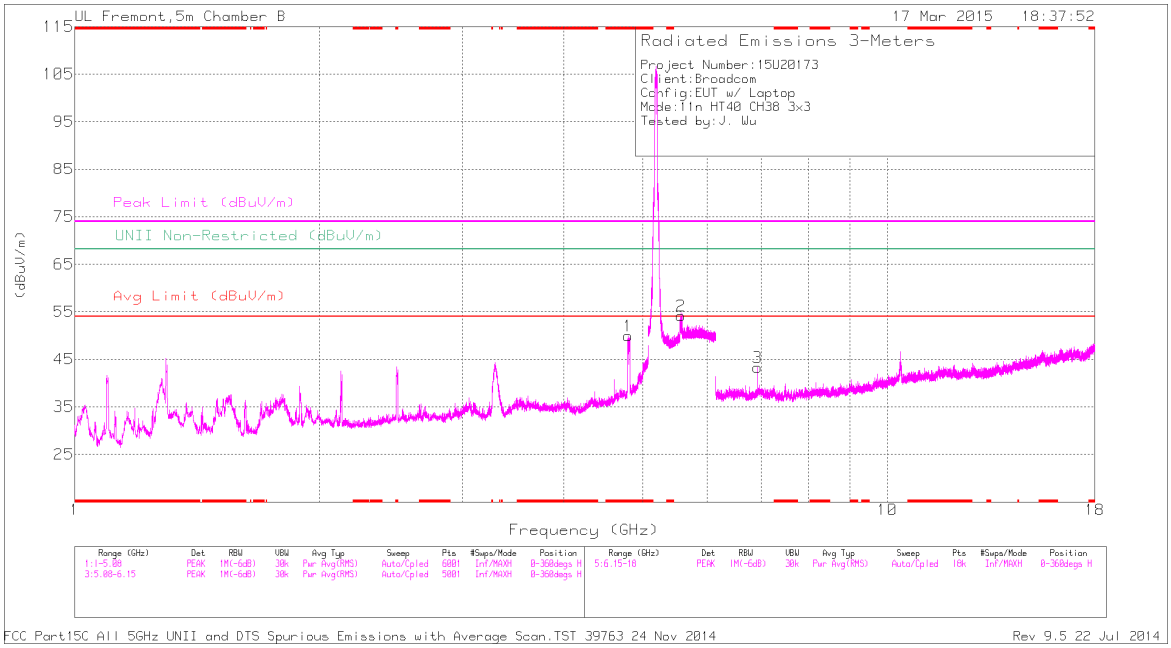
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

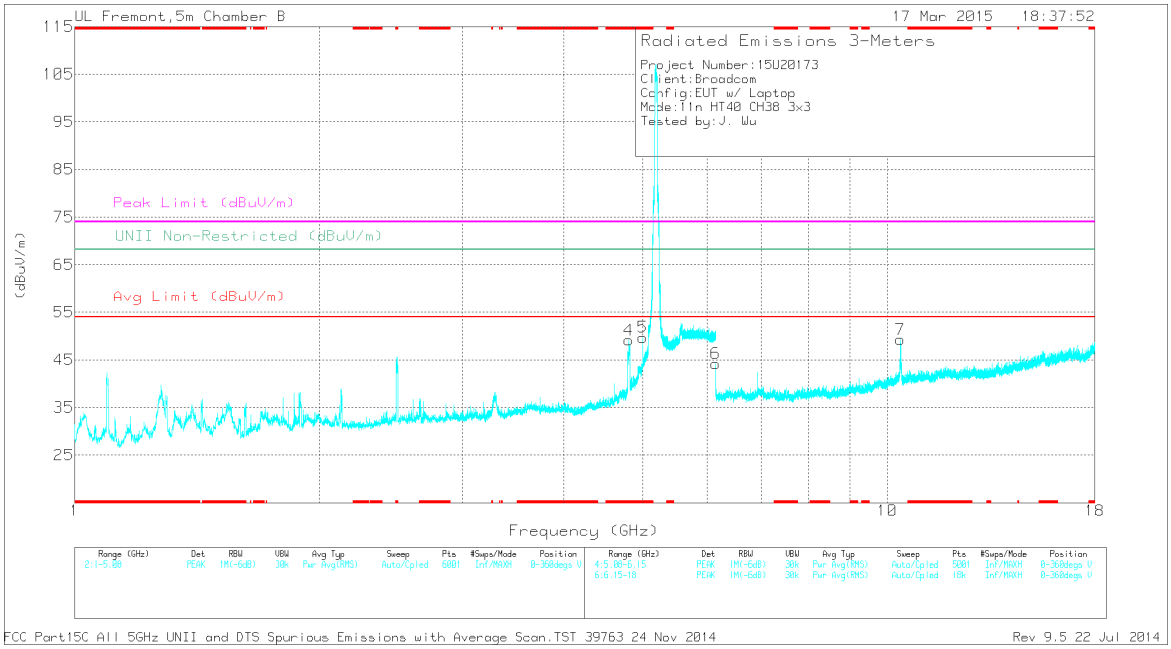
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL

HORIZONTAL



VERTICAL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 4.801	52.06	PK1	34.3	-29.5	0	56.86	-	-	74	-17.14	-	-	19	121	H
	* 4.801	42.67	AD1	34.3	-29.5	.09	47.47	54	-6.46	-	-	-	-	19	121	H
4	* 4.817	52.83	PK1	34.3	-29.6	0	57.53	-	-	74	-16.47	-	-	208	259	V
	* 4.811	43.84	AD1	34.3	-29.6	.09	48.54	54	-5.37	-	-	-	-	208	259	V
5	* 4.998	51.96	PK1	34	-28.1	0	57.86	-	-	74	-16.14	-	-	212	181	V
	* 4.998	43.93	AD1	34	-28.1	.09	49.83	54	-4.08	-	-	-	-	212	181	V
2	5.571	45.58	PK1	34.7	-18	0	62.28	-	-	-	-	68.2	-5.92	299	104	H
6	6.151	44.27	PK1	35.5	-28.3	0	51.47	-	-	-	-	68.2	-16.73	215	215	V
3	6.92	43.14	PK1	36.1	-27.5	0	51.74	-	-	-	-	68.2	-16.46	27	146	H
7	10.389	41.35	PK1	37.4	-23.4	0	55.35	-	-	-	-	68.2	-12.85	14	133	V

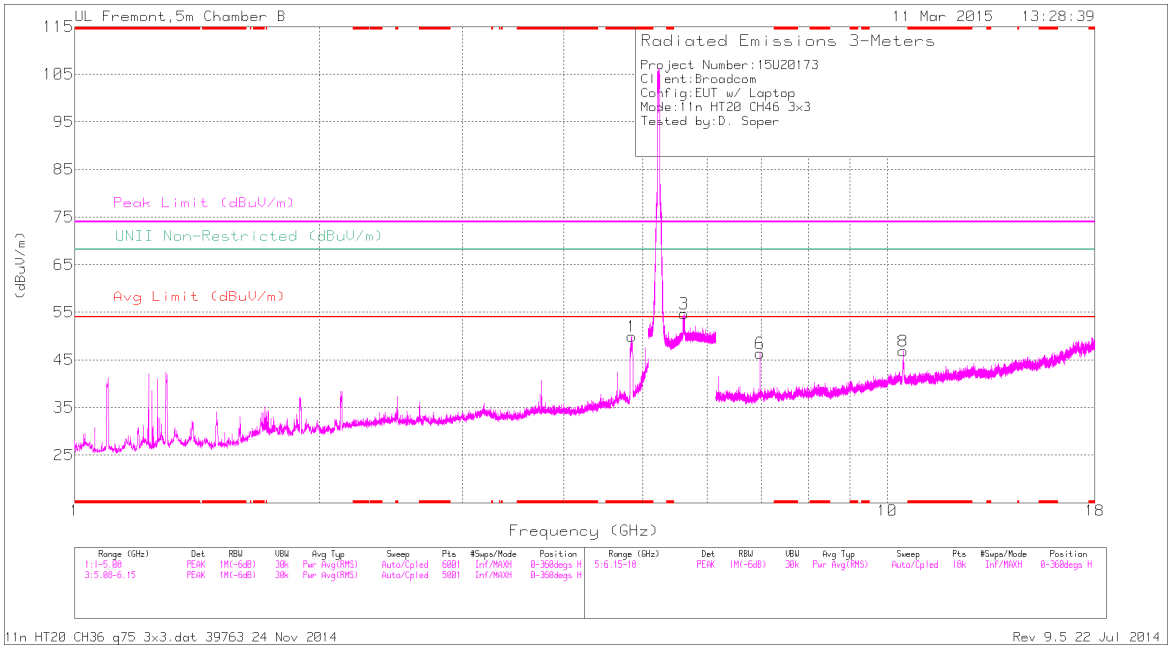
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

** - indicates frequency covered by BE test

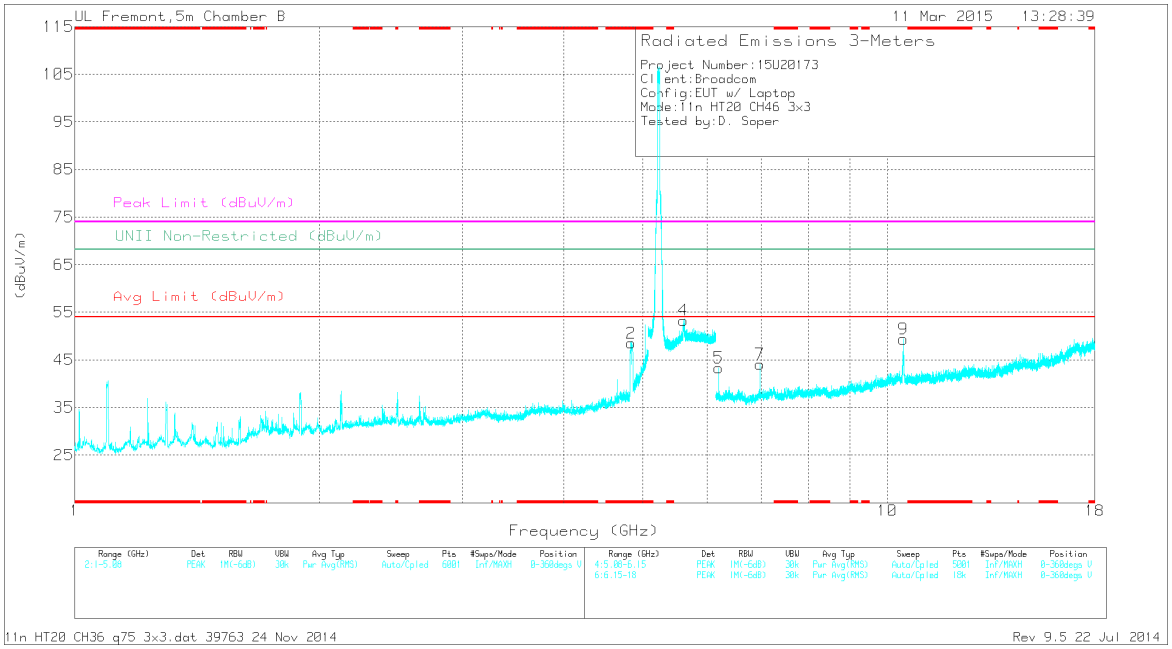
PK - Peak detector
PK1 - KDB789033 Method: Peak
AD1 - KDB789033 Method: AD Primary Power Average

HIGH CHANNEL

HORIZONTAL



VERTICAL



Trace Markers

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	* 4.846	52.99	PK1	33.9	-30		56.89	-	-	74	-17.11	-	-	356	101	H
	* 4.846	44.4	AD1	33.9	-30	.09	48.3	54	-5.6	-	-	-	-	356	101	H
2	* 4.841	53.95	PK1	33.9	-29.9		57.95	-	-	74	-16.05	-	-	209	181	V
	* 4.841	44.24	AD1	33.9	-29.9	.09	48.24	54	-5.66	-	-	-	-	209	181	V
4	5.612	47.33	PK1	34.4	-18		63.73	-	-	-	-	68.2	-4.47	213	228	V
3	5.624	46.22	PK1	34.4	-18		62.62	-	-	-	-	68.2	-5.58	2	192	H
5	6.199	43.32	PK1	35.3	-28.3		50.32	-	-	-	-	68.2	-17.88	208	206	V
6	6.973	42.86	PK1	35.3	-27.3		50.86	-	-	-	-	68.2	-17.34	40	104	H
7	6.973	42.15	PK1	35.3	-27.3		50.15	-	-	-	-	68.2	-18.05	54	293	V
8	10.457	41.95	PK1	37.3	-23.5		55.75	-	-	-	-	68.2	-12.45	284	138	H
9	10.459	40.2	PK1	37.3	-23.5		54	-	-	-	-	68.2	-14.2	358	123	V

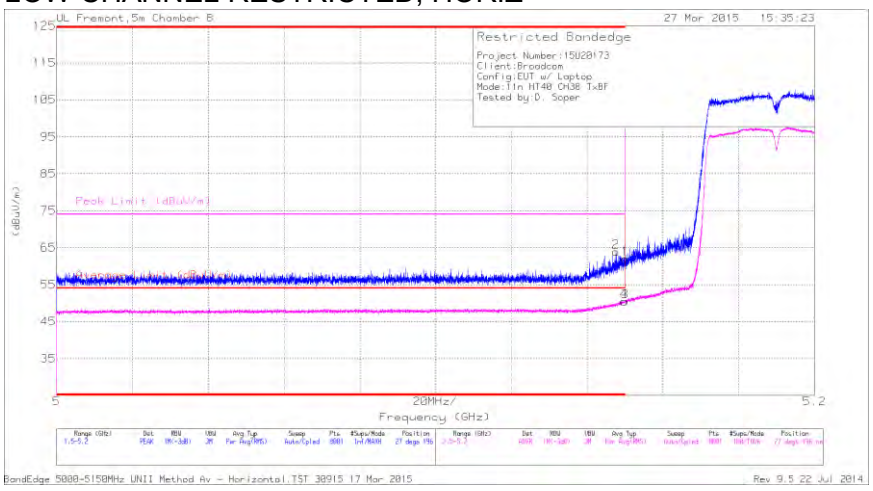
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
PK1 - KDB789033 Method: Peak
AD1 - KDB789033 Method: AD Primary Power Average

9.11. TX ABOVE 1 GHz 802.11n HT40 TxBF 3TX MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

LOW CHANNEL RESTRICTED, HORIZ



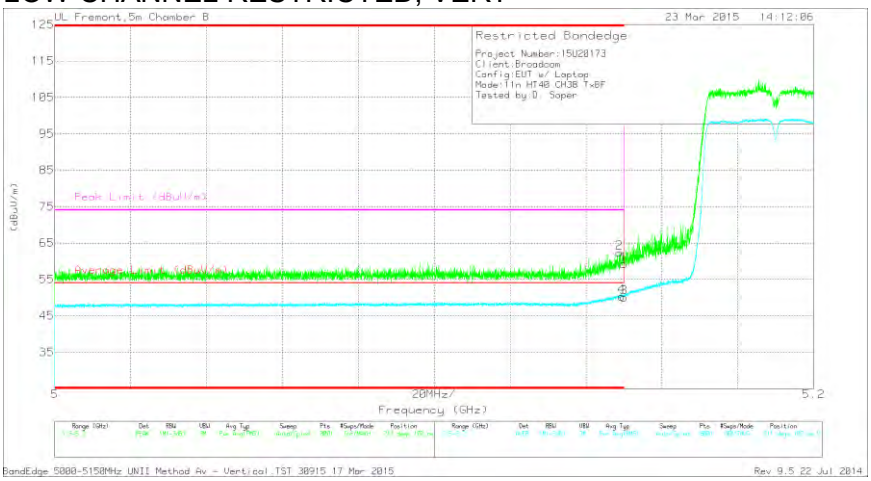
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	45.68	PK	34.1	-17.8	0	61.98	-	-	74	-12.02	27	196	H
2	* 5.148	47.58	PK	34.1	-17.8	0	63.88	-	-	74	-10.12	27	196	H
3	* 5.15	33.52	RMS	34.1	-17.8	.66	50.48	54	-3.52	-	-	27	196	H
4	* 5.15	33.54	RMS	34.1	-17.8	.66	50.5	54	-3.5	-	-	27	196	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

LOW CHANNEL RESTRICTED, VERT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 5.15	42.93	PK	34.1	-17.8	0	59.23	-	-	74	-14.77	211	102	V
2	* 5.149	46	PK	34.1	-17.8	0	62.3	-	-	74	-11.7	211	102	V
3	* 5.15	33.69	RMS	34.1	-17.8	.66	50.63	54	-3.35	-	-	211	102	V
4	* 5.149	33.99	RMS	34.1	-17.8	.66	50.93	54	-3.05	-	-	211	102	V

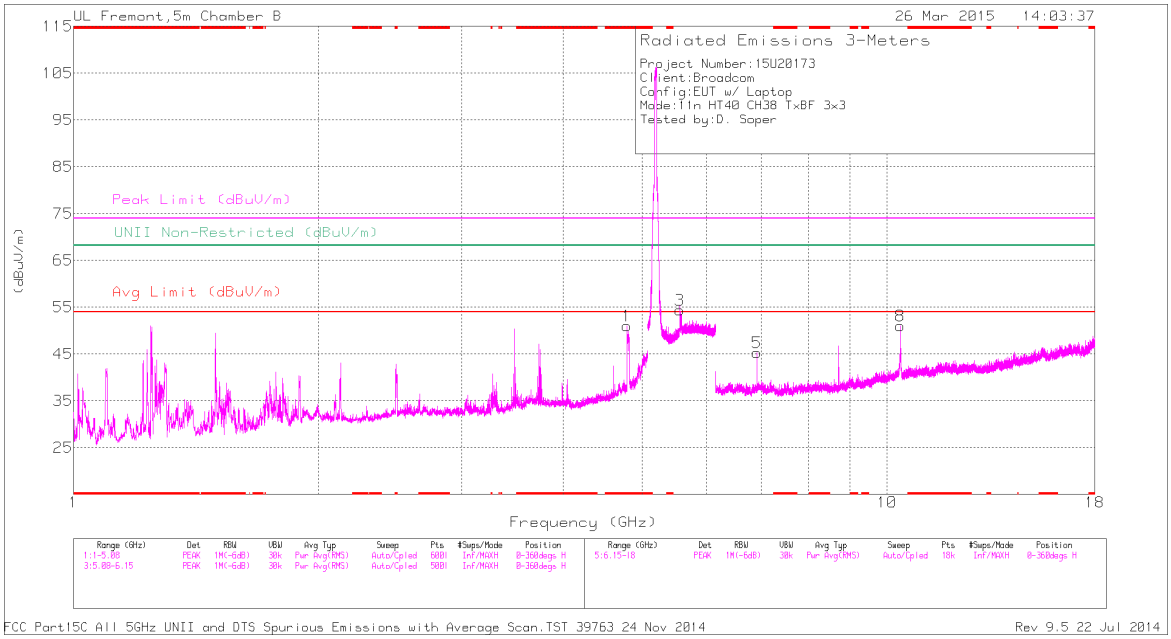
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

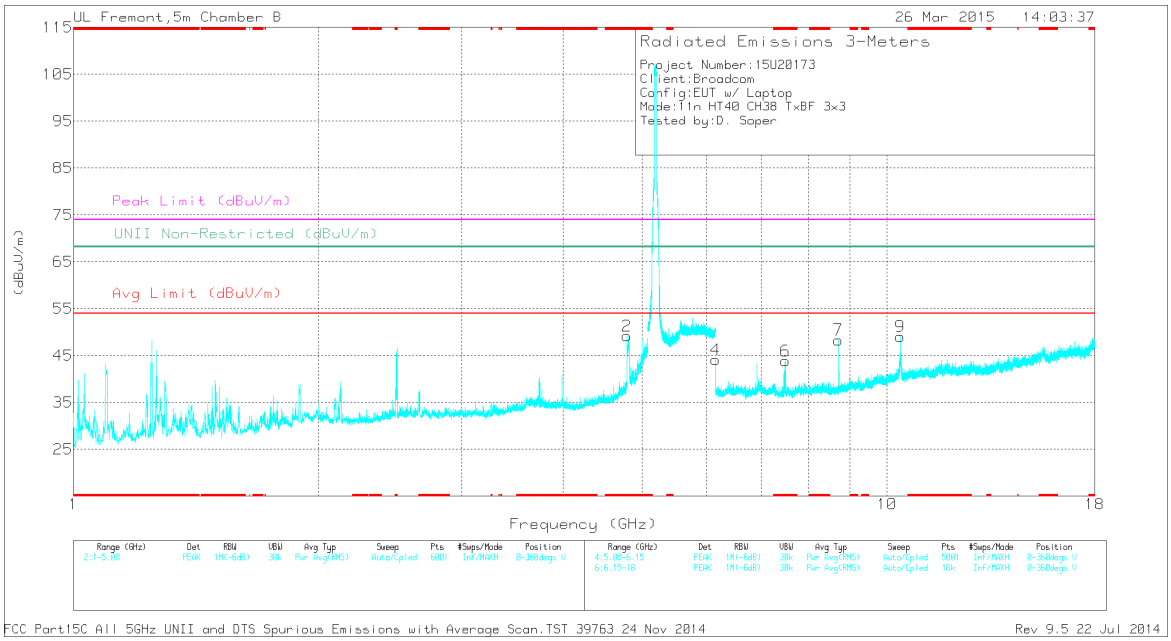
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL

HORIZONTAL



VERTICAL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 4.789	53.27	PK1	34.3	-29.4	0	58.17	-	-	74	-15.83	-	-	331	238	H
	* 4.79	40.14	AD1	34.3	-29.4	.66	45.68	54	-8.30	-	-	-	-	331	238	H
2	* 4.79	51.57	PK1	34.3	-29.4	0	56.47	-	-	74	-17.53	-	-	208	177	V
	* 4.79	37.1	AD1	34.3	-29.4	.66	42.64	54	-11.34	-	-	-	-	208	177	V
6	* 7.496	38.7	PK1	35.3	-26.7	0	47.3	-	-	74	-26.7	-	-	218	111	V
	* 7.495	26.64	AD1	35.3	-26.7	.66	35.88	54	-18.10	-	-	-	-	218	111	V
9	10.38	40.53	PK1	37.4	-23.3	0	54.63	-	-	-	-	68.2	-13.57	208	102	H
8	10.38	44.73	PK1	37.4	-23.3	0	58.83	-	-	-	-	68.2	-9.37	3	164	V
3	5.563	41.67	PK1	34.6	-18.1	0	58.17	-	-	-	-	68.2	-10.03	208	199	H
4	6.151	42.07	PK1	35.5	-28.3	0	49.27	-	-	-	-	68.2	-18.93	210	199	V
5	6.92	38.77	PK1	36.1	-27.5	0	47.37	-	-	-	-	68.2	-20.83	208	102	H
7	8.717	39.7	PK1	35.8	-26	0	49.5	-	-	-	-	68.2	-18.7	218	115	V

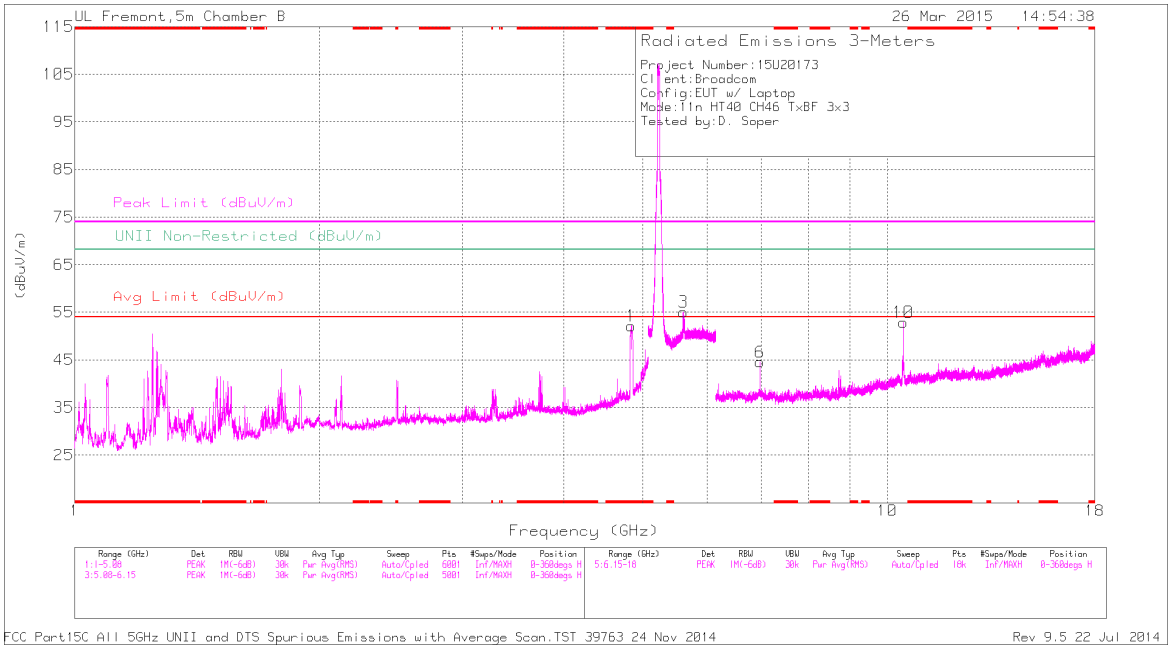
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

** - indicates frequency covered by BE measurement

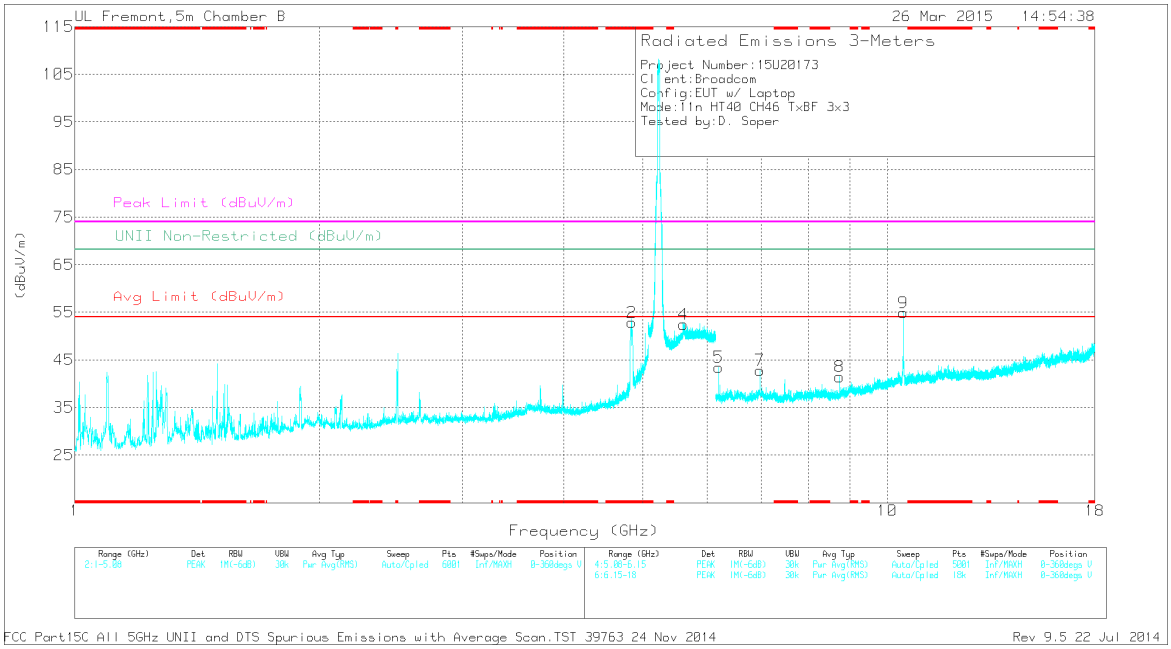
PK - Peak detector
PK1 - KDB789033 Method: Peak
AD1 - KDB789033 Method: AD Primary Power Average

HIGH CHANNEL

HORIZONTAL



VERTICAL



Trace Markers

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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
* 4.836	57.3	PK1	34.3	-29.9	0	61.7	-	-	74	-12.3	-	-	42	101	H
* 4.837	45.42	AD1	34.3	-29.9	.66	50.48	54	-3.52	-	-	-	-	42	101	H
* 4.846	55.64	PK1	34.2	-30	0	59.84	-	-	74	-14.16	-	-	212	182	V
* 4.846	45.86	AD1	34.2	-30	.66	50.72	54	-3.28	-	-	-	-	212	182	V
5.616	41.81	PK1	34.8	-18	0	58.61	-	-	-	-	68.2	-9.59	231	165	H
6.199	39.32	PK1	35.5	-28.3	0	46.52	-	-	-	-	68.2	-21.68	300	199	V
6.973	38.71	PK1	36	-27.3	0	47.41	-	-	-	-	68.2	-20.79	300	102	V
6.974	38.56	PK1	36	-27.3	0	47.26	-	-	-	-	68.2	-20.94	231	122	H
8.73	36.83	PK1	35.8	-25.9	0	46.73	-	-	-	-	68.2	-21.47	300	199	V
10.46	42.95	PK1	37.4	-23.5	0	56.85	-	-	-	-	68.2	-11.35	260	209	H
10.46	37.33	PK1	37.4	-23.5	0	51.23	-	-	-	-	68.2	-16.97	300	199	V

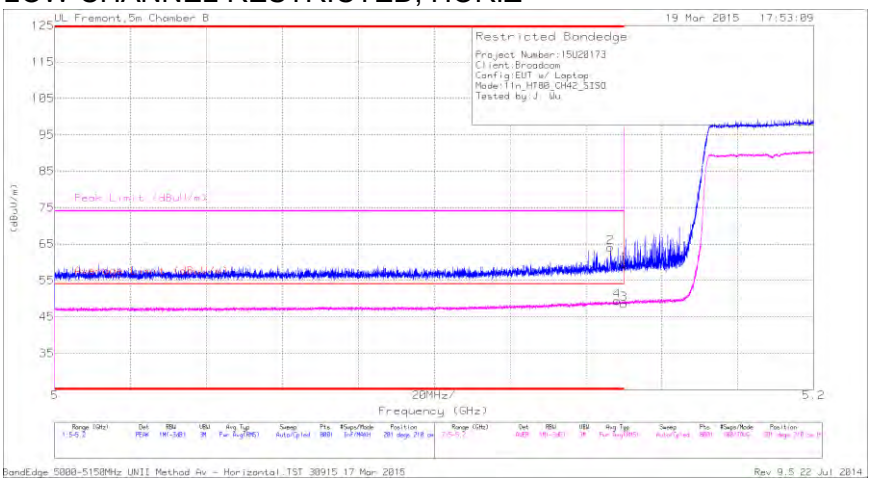
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
PK1 - KDB789033 Method: Peak
AD1 - KDB789033 Method: AD Primary Power Average

9.12. TX ABOVE 1 GHz 802.11ac VHT80 1TX MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

LOW CHANNEL RESTRICTED, HORIZ



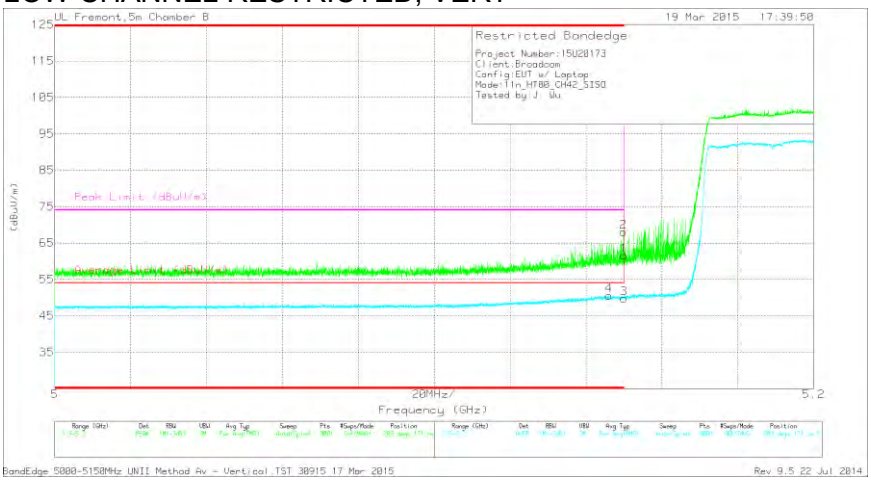
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	47.79	PK	34.1	-17.8	0	64.09	-	-	74	-9.91	201	210	H
4	* 5.148	33.12	RMS	34.1	-17.8	0	49.42	54	-4.58	-	-	201	210	H
1	* 5.15	43.22	PK	34.1	-17.8	.18	59.52	-	-	74	-14.48	201	210	H
3	* 5.15	32.24	RMS	34.1	-17.8	.18	48.54	54	-5.46	-	-	201	210	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

LOW CHANNEL RESTRICTED, VERT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 5.15	45.28	PK	34.1	-17.8	0	61.58	-	-	74	-12.42	203	171	V
2	* 5.15	51.7	PK	34.1	-17.8	0	68	-	-	74	-6	203	171	V
3	* 5.15	33.46	RMS	34.1	-17.8	.18	49.94	54	-4.06	-	-	203	171	V
4	* 5.146	34.22	RMS	34.1	-17.8	.18	50.7	54	-3.3	-	-	203	171	V

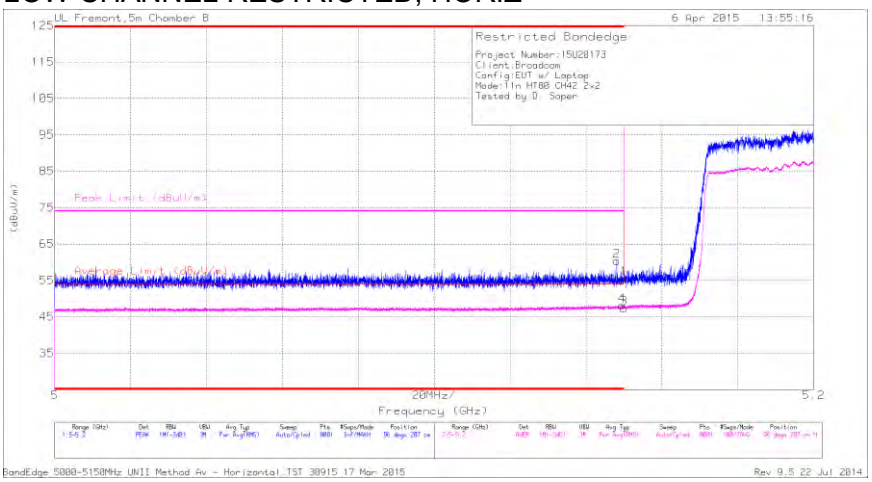
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

9.13. TX ABOVE 1 GHz 802.11ac VHT80 2TX MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

LOW CHANNEL RESTRICTED, HORIZ



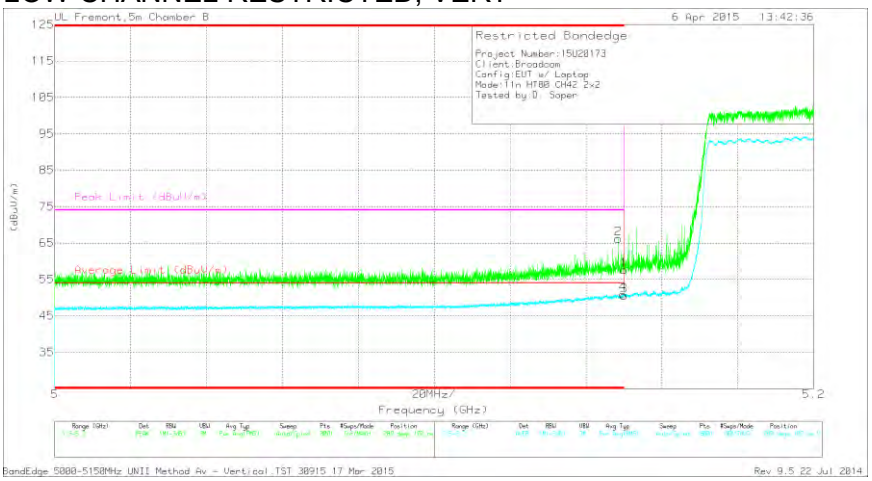
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 5.15	39.25	PK	34.1	-17.8	0	55.55	-	-	74	-18.45	96	207	H
2	* 5.148	44.09	PK	34.1	-17.8	0	60.39	-	-	74	-13.61	96	207	H
3	* 5.15	31.07	RMS	34.1	-17.8	.18	47.55	54	-6.45	-	-	96	207	H
4	* 5.15	31.72	RMS	34.1	-17.8	.18	48.2	54	-5.8	-	-	96	207	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

LOW CHANNEL RESTRICTED, VERT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	49.83	PK	34.1	-17.8	0	66.13	-	-	74	-7.87	289	102	V
1	* 5.15	41.32	PK	34.1	-17.8	0	57.62	-	-	74	-16.38	289	102	V
3	* 5.15	34.07	RMS	34.1	-17.8	.18	50.55	54	-3.45	-	-	289	102	V
4	* 5.15	34.45	RMS	34.1	-17.8	.18	50.93	54	-3.07	-	-	289	102	V

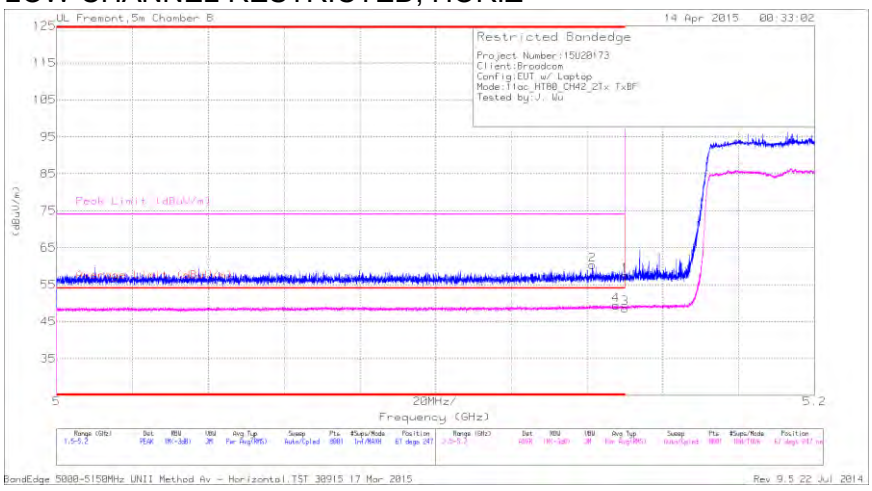
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

9.14. TX ABOVE 1 GHz 802.11ac VHT80 TxBF 2TX MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

LOW CHANNEL RESTRICTED, HORIZ



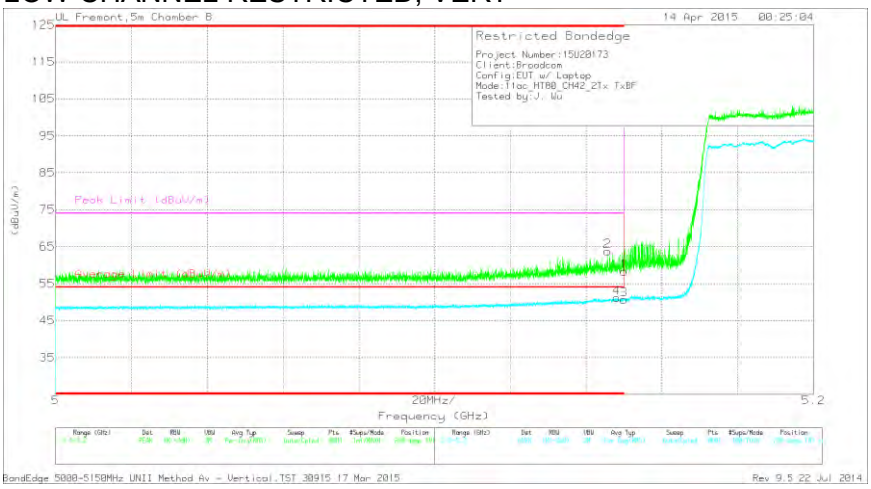
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.141	44.05	PK	34.1	-17.8	0	60.35	-	-	74	-13.65	67	247	H
4	* 5.148	31.78	RMS	34.1	-17.8	1.35	49.43	54	-4.57	-	-	67	247	H
1	* 5.15	41.25	PK	34.1	-17.8	0	57.55	-	-	74	-16.45	67	247	H
3	* 5.15	30.99	RMS	34.1	-17.8	1.35	48.64	54	-5.36	-	-	67	247	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

LOW CHANNEL RESTRICTED, VERT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 5.146	47.48	PK	34.1	-17.8	0	63.78	-	-	74	-10.22	289	181	V
4	* 5.148	33.5	RMS	34.1	-17.8	1.35	51.15	54	-2.85	-	-	289	181	V
1	* 5.15	42.04	PK	34.1	-17.8	0	58.34	-	-	74	-15.66	289	181	V
3	* 5.15	33.01	RMS	34.1	-17.8	1.35	50.66	54	-3.34	-	-	289	181	V

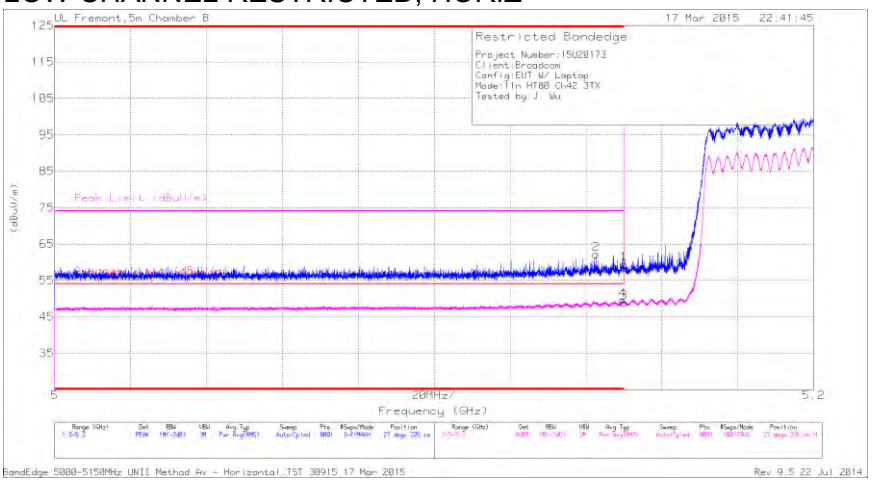
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

9.15. TX ABOVE 1 GHz 802.11ac VHT80 CDD 3TX MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

LOW CHANNEL RESTRICTED, HORIZ



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 5.143	45.85	PK	34.1	-17.7	0	62.25	-	-	74	-11.75	27	226	H
1	* 5.15	43.23	PK	34.1	-17.8	0	59.53	-	-	74	-14.47	27	226	H
3	* 5.15	32.46	RMS	34.1	-17.8	.18	48.94	54	-5.06	-	-	27	226	H
4	* 5.15	33.01	RMS	34.1	-17.8	.18	49.49	54	-4.51	-	-	27	226	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

LOW CHANNEL RESTRICTED, VERT

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	46.98	PK	34.1	-17.8	0	63.28	-	-	74	-10.72	217	175	V
1	* 5.15	42.97	PK	34.1	-17.8	0	59.27	-	-	74	-14.73	217	175	V
3	* 5.15	34.16	RMS	34.1	-17.8	.18	50.64	54	-3.36	-	-	217	175	V
4	* 5.15	34.54	RMS	34.1	-17.8	.18	51.02	54	-2.98	-	-	217	175	V

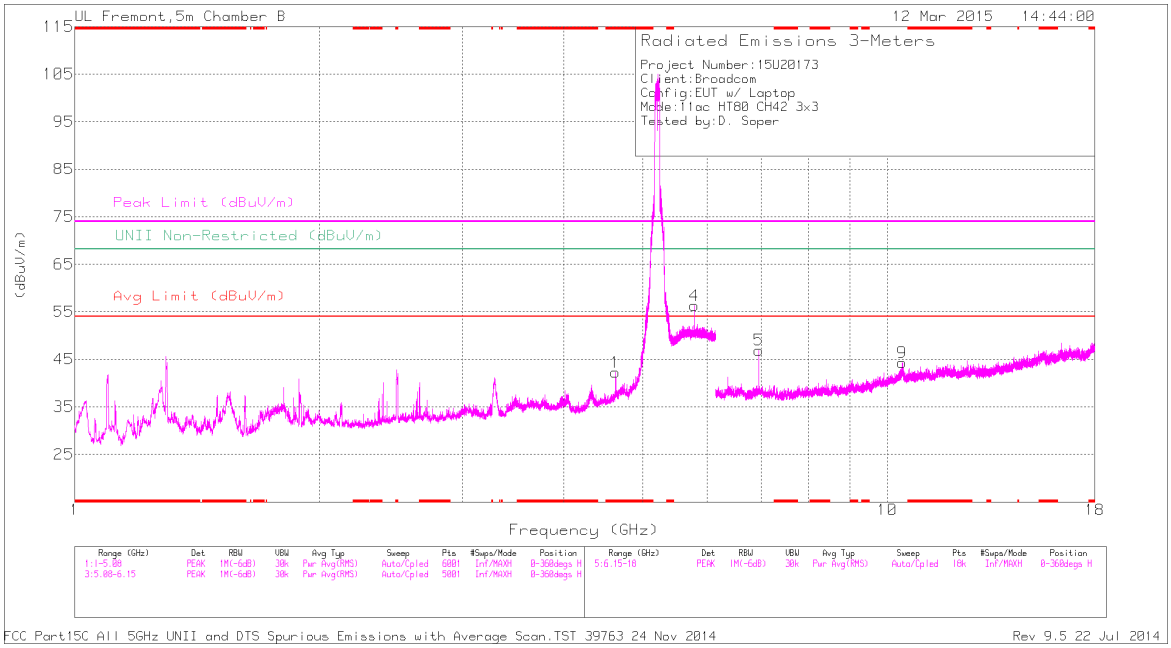
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

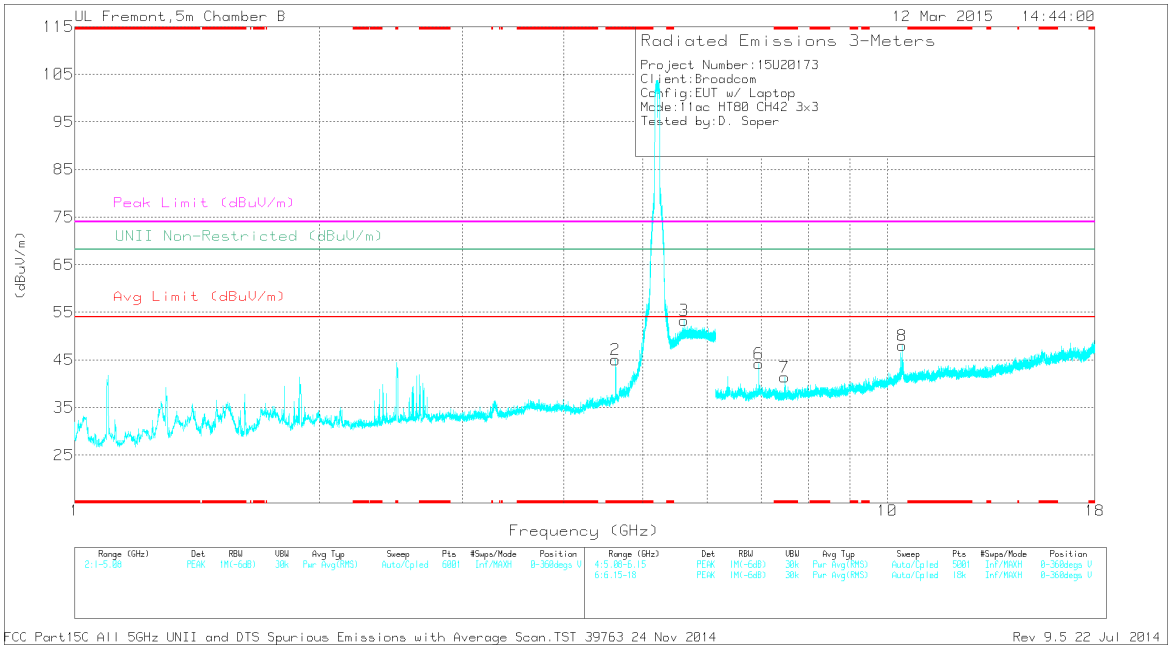
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL

HORIZONTAL



VERTICAL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 4.631	43.75	PK1	34.1	-29.1	0	48.75	-	-	74	-25.25	-	-	21	190	H
	* 4.631	36.3	AD 1	34.1	-29.1	.18	41.4	54	-12.0	-	-	-	-	21	190	H
2	* 4.631	46.26	PK1	34.1	-29.1	0	51.26	-	-	74	-22.74	-	-	230	116	V
	* 4.631	39.88	AD 1	34.1	-29.1	.18	44.98	54	-8.82	-	-	-	-	230	116	V
7	* 7.473	37.26	PK1	35.3	-26.7	0	45.86	-	-	74	-28.14	-	-	199	361	V
	* 7.476	26.3	AD 1	35.3	-26.7	.18	35	54	-18.2	-	-	-	-	199	361	V
3	5.625	42.02	PK1	34.8	-18	0	58.82	-	-	-	-	68.2	-9.38	220	180	V
4	5.79	40.49	PK1	35.2	-17.4	0	58.29	-	-	-	-	68.2	-9.91	230	102	H
5	6.945	39	PK1	36.1	-27.3	0	47.8	-	-	-	-	68.2	-20.4	222	119	V
6	6.949	38.37	PK1	36.1	-27.3	0	47.17	-	-	-	-	68.2	-21.03	225	102	H
8	10.432	37.5	PK1	37.4	-23.5	0	51.4	-	-	-	-	68.2	-16.8	215	199	H
9	10.432	37.17	PK1	37.4	-23.5	0	51.07	-	-	-	-	68.2	-17.13	199	102	V

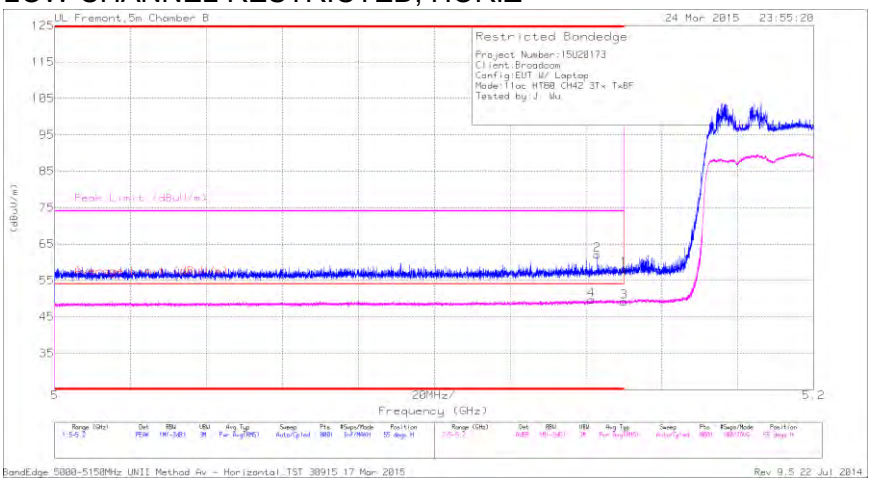
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
PK1 - KDB789033 Method: Peak
AD1 - KDB789033 Method: AD Primary Power Average

9.16. TX ABOVE 1 GHz 802.11ac VHT80 TxBF 3TX MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

LOW CHANNEL RESTRICTED, HORIZ



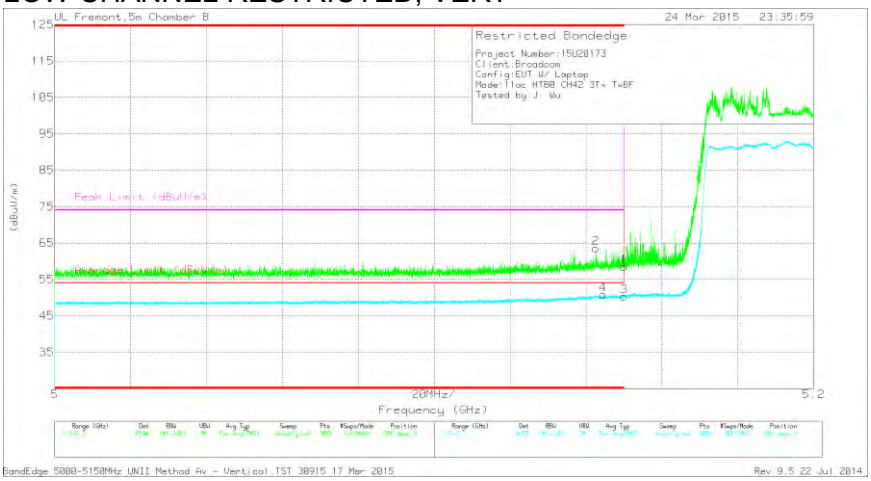
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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
4	* 5.142	31.94	RMS	34.1	-17.7	1.35	49.69	54	-4.31	-	-	55	161	H
2	* 5.143	45.73	PK	34.1	-17.7	0	62.13	-	-	74	-11.87	55	161	H
1	* 5.15	41.8	PK	34.1	-17.8	0	58.1	-	-	74	-15.9	55	161	H
3	* 5.15	31.47	RMS	34.1	-17.8	1.35	49.12	54	-4.88	-	-	55	161	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

LOW CHANNEL RESTRICTED, VERT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 5.143	47.17	PK	34.1	-17.7	0	63.57	-	-	74	-10.43	206	172	V
4	* 5.145	33.1	RMS	34.1	-17.8	1.35	50.75	54	-3.25	-	-	206	172	V
1	* 5.15	42.22	PK	34.1	-17.8	0	58.52	-	-	74	-15.48	206	172	V
3	* 5.15	32.68	RMS	34.1	-17.8	1.35	50.33	54	-3.67	-	-	206	172	V

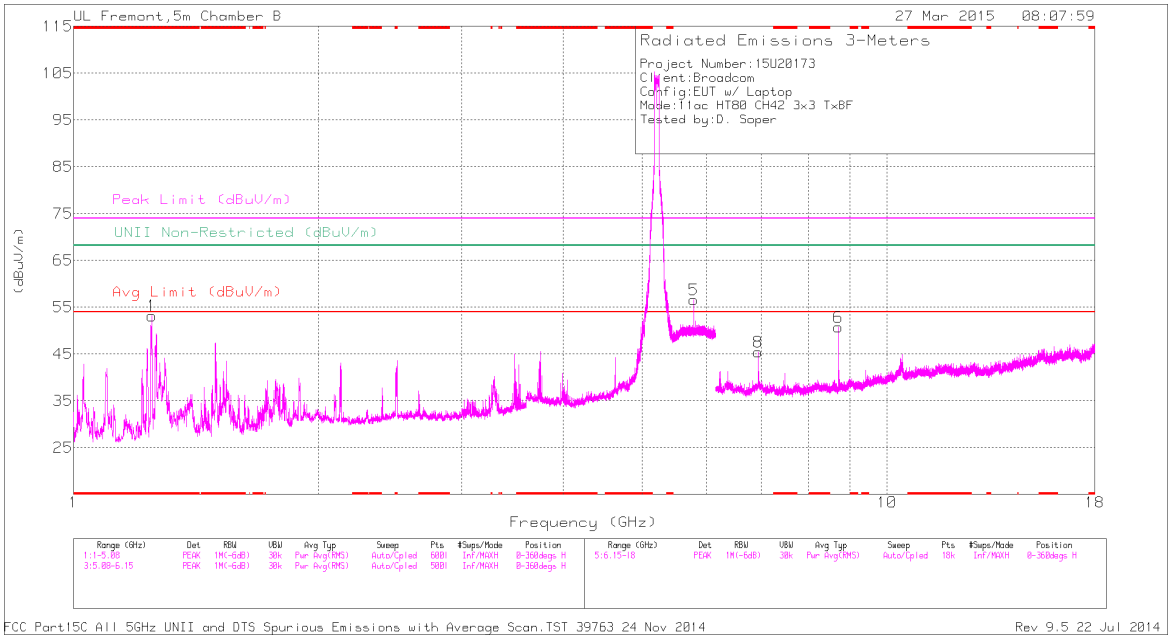
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

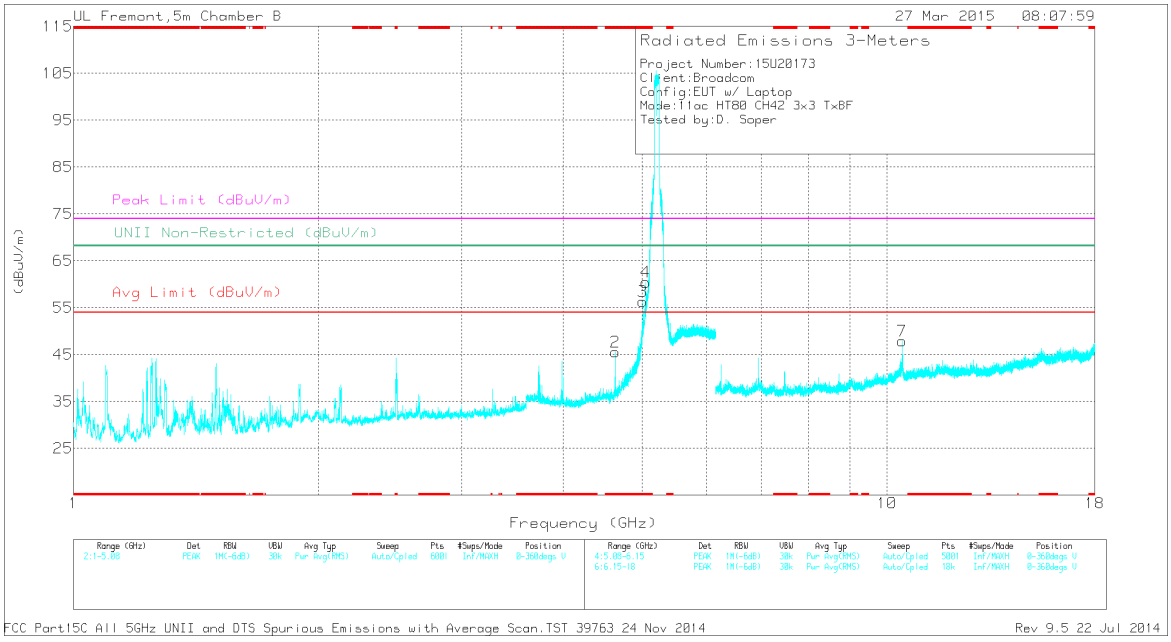
HARMONICS AND SPURIOUS EMISSIONS,

LOW CHANNEL

HORIZONTAL



VERTICAL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 1.249	66.82	PK1	28.9	-34.2	0	61.52	-	-	74	-12.48	-	-	157	151	H
	* 1.249	42.13	AD1	29	-34.2	1.35	38.28	54	-15.72	-	-	-	-	157	151	H
2	* 4.631	42.11	PK1	34.1	-29.1	0	47.11	-	-	74	-26.89	-	-	167	116	V
	* 4.631	33.5	AD1	34.1	-29.1	1.35	39.85	54	-14.15	-	-	-	-	167	116	V
3	** 5.008	50.62	PK	34	-28.3	0	56.32	-	-	74	-17.68	-	-	0-360	101	V
4	** 5.053	54.44	PK	34	-28	0	60.44	-	-	74	-13.56	-	-	0-360	101	V
5	5.789	45	PK1	35.2	-17.4	0	62.8	-	-	-	-	68.2	-5.4	354	118	H
8	6.947	42.46	PK1	36.1	-27.3	0	51.26	-	-	-	-	68.2	-16.94	354	154	H
6	8.707	36.21	PK1	35.8	-26.1	0	45.91	-	-	-	-	68.2	-22.29	354	196	H
7	10.439	39.93	PK1	37.4	-23.6	0	53.73	-	-	-	-	68.2	-14.47	40	154	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

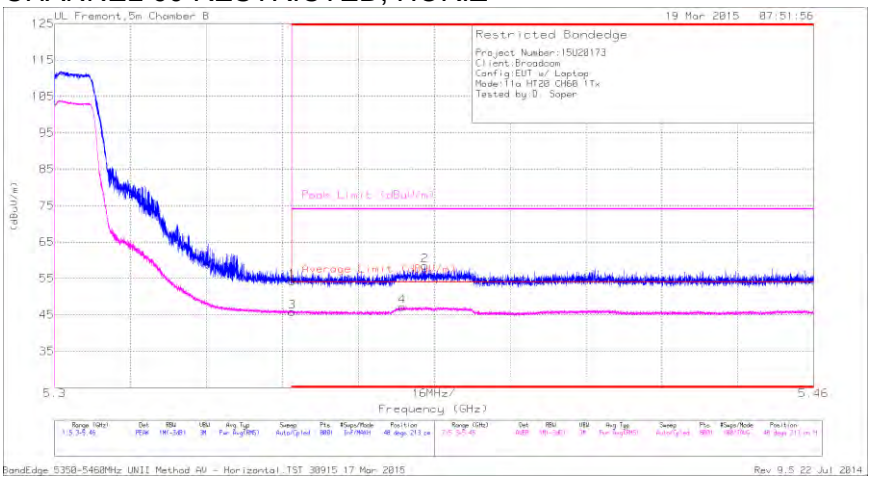
** - indicates frequency covered by BE measurement

PK - Peak detector
PK1 - KDB789033 Method: Peak
AD1 - KDB789033 Method: AD Primary Power Average

9.17. TX ABOVE 1 GHz 802.11a 1TX MODE IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE (CHANNEL 60)

CHANNEL 60 RESTRICTED, HORIZ



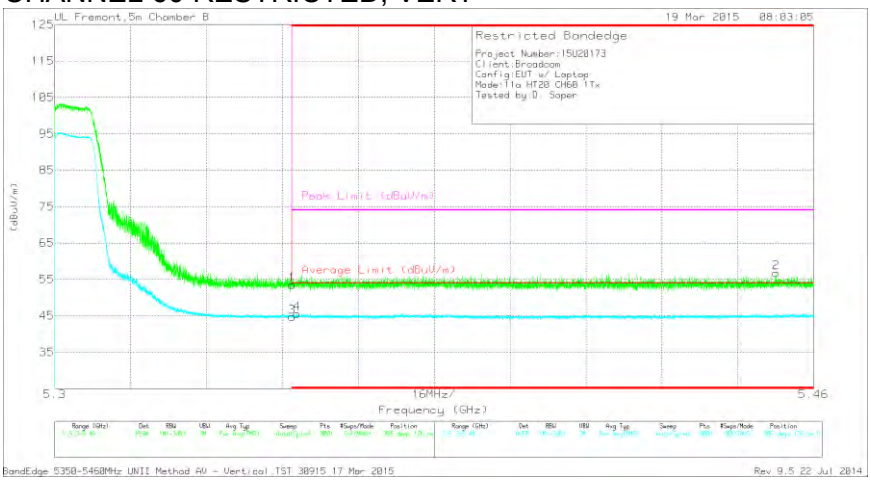
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	37.6	PK	34.4	-17.7	54.3	-	-	74	-19.7	48	213	H
3	* 5.35	29.09	RMS	34.4	-17.7	45.79	54	-8.21	-	-	48	213	H
4	* 5.373	30.55	RMS	34.4	-17.7	47.25	54	-6.75	-	-	48	213	H
2	* 5.378	41.84	PK	34.4	-17.8	58.44	-	-	74	-15.56	48	213	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

CHANNEL 60 RESTRICTED, VERT



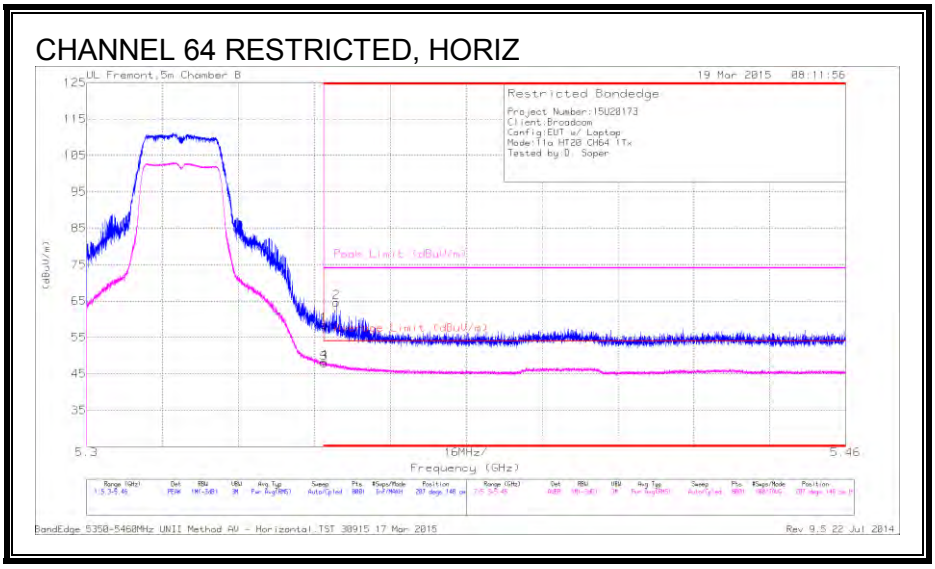
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	36.84	PK	34.4	-17.7	53.54	-	-	74	-20.46	305	126	V
3	* 5.35	28.06	RMS	34.4	-17.7	44.76	54	-9.24	-	-	305	126	V
4	* 5.351	28.87	RMS	34.4	-17.7	45.57	54	-8.43	-	-	305	126	V
2	* 5.452	40.41	PK	34.5	-18.1	56.81	-	-	74	-17.19	305	126	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (CHANNEL 64)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	41.78	PK	34.4	-17.7	58.48	-	-	74	-15.52	207	148	H
3	* 5.35	31.21	RMS	34.4	-17.7	47.91	54	-6.09	-	-	207	148	H
4	* 5.35	31.55	RMS	34.4	-17.7	48.25	54	-5.75	-	-	207	148	H
2	* 5.353	47.93	PK	34.4	-17.7	64.63	-	-	74	-9.37	207	148	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

CHANNEL 64 RESTRICTED, VERT

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	43.11	PK	34.4	-17.7	59.81	-	-	74	-14.19	200	154	V
3	* 5.35	32.87	RMS	34.4	-17.7	49.57	54	-4.43	-	-	200	154	V
4	* 5.351	33.4	RMS	34.4	-17.7	50.1	54	-3.9	-	-	200	154	V
2	* 5.352	50.72	PK	34.4	-17.7	67.42	-	-	74	-6.58	200	154	V

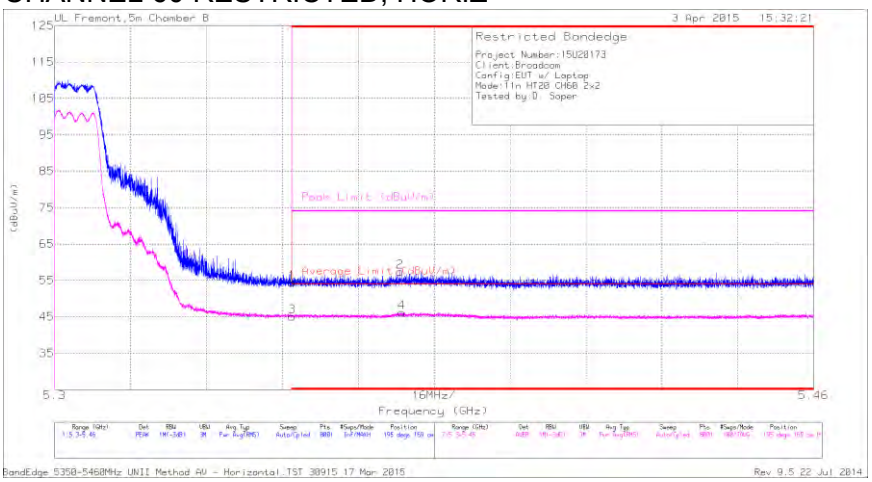
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

9.18. TX ABOVE 1 GHz 802.11n HT20 CDD 2TX MODE IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE (CHANNEL 60)

CHANNEL 60 RESTRICTED, HORIZ



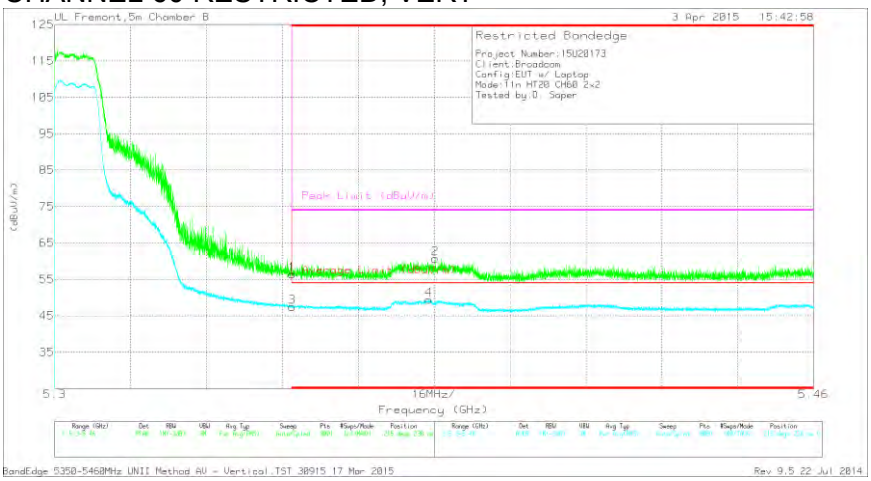
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	37.72	PK	34.4	-17.7	54.42	-	-	74	-19.58	195	169	H
3	* 5.35	28.32	RMS	34.4	-17.7	45.02	54	-8.98	-	-	195	169	H
2	* 5.373	40.67	PK	34.4	-17.7	57.37	-	-	74	-16.63	195	169	H
4	* 5.373	29.49	RMS	34.4	-17.7	46.19	54	-7.81	-	-	195	169	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

CHANNEL 60 RESTRICTED, VERT



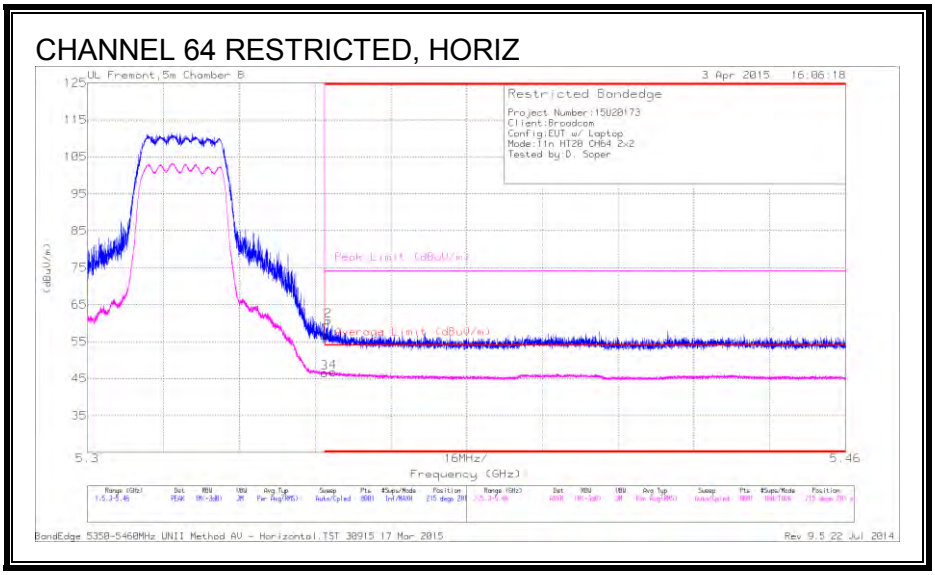
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	39.65	PK	34.4	-17.7	56.35	-	-	74	-17.65	215	238	V
3	* 5.35	30.76	RMS	34.4	-17.7	47.46	54	-6.54	-	-	215	238	V
4	* 5.379	32.84	RMS	34.4	-17.8	49.44	54	-4.56	-	-	215	238	V
2	* 5.38	44.15	PK	34.4	-17.8	60.75	-	-	74	-13.25	215	238	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (CHANNEL 64)



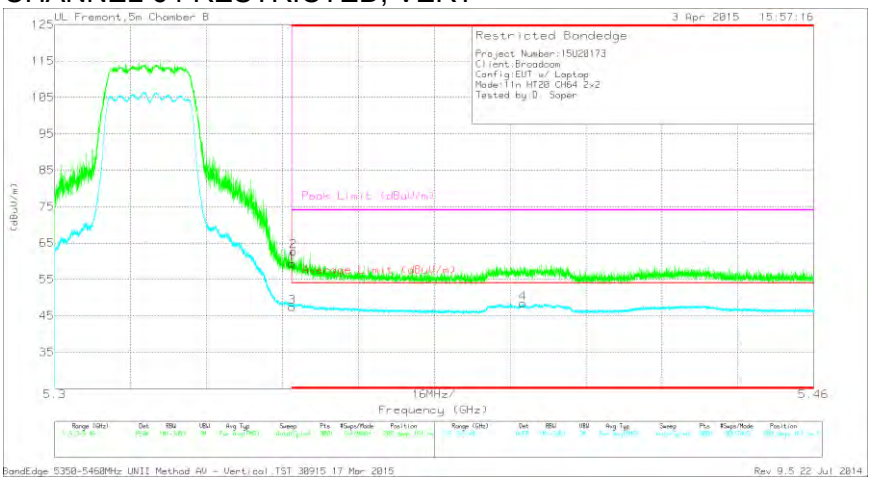
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	39.99	PK	34.4	-17.7	56.69	-	-	74	-17.31	215	281	H
3	* 5.35	29.86	RMS	34.4	-17.7	46.56	54	-7.44	-	-	215	281	H
2	* 5.351	44	PK	34.4	-17.7	60.7	-	-	74	-13.3	215	281	H
4	* 5.352	30.09	RMS	34.4	-17.7	46.79	54	-7.21	-	-	215	281	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

CHANNEL 64 RESTRICTED, VERT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	42.71	PK	34.4	-17.7	59.41	-	-	74	-14.59	209	161	V
2	* 5.35	45.99	PK	34.4	-17.7	62.69	-	-	74	-11.31	209	161	V
3	* 5.35	30.78	RMS	34.4	-17.7	47.48	54	-6.52	-	-	209	161	V
4	* 5.399	31.89	RMS	34.5	-18	48.39	54	-5.61	-	-	209	161	V

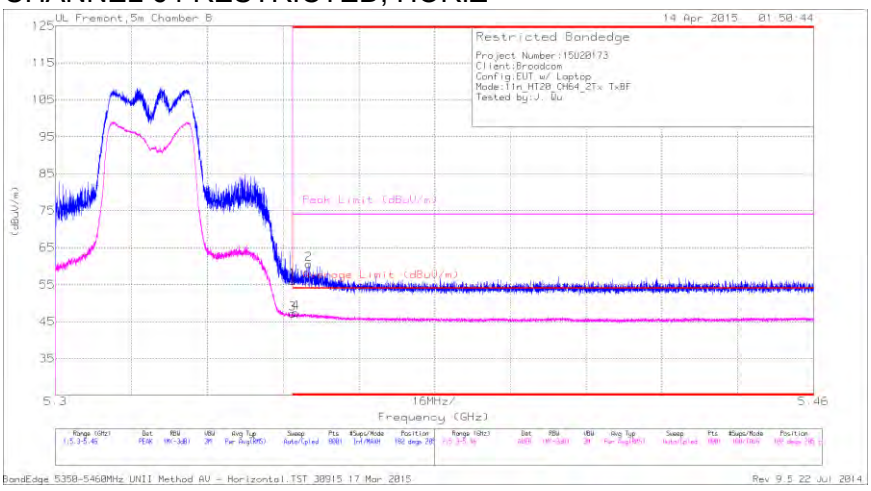
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

9.19. TX ABOVE 1 GHz 802.11n HT20 TxBF 2TX MODE IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE (CHANNEL 64)

CHANNEL 64 RESTRICTED, HORIZ



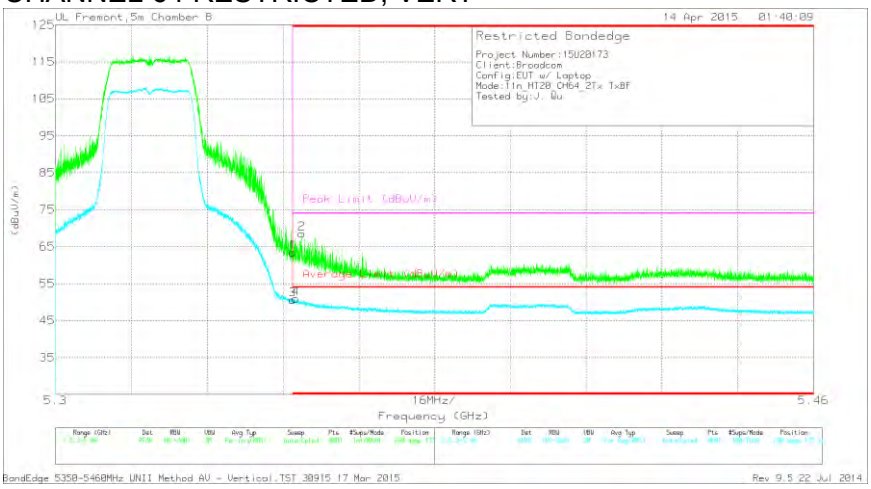
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	39.41	PK	34.4	-17.7	0	56.11	-	-	74	-17.89	182	205	H
3	* 5.35	29.9	RMS	34.4	-17.7	.52	47.12	54	-6.88	-	-	182	205	H
4	* 5.351	30.19	RMS	34.4	-17.7	.52	47.41	54	-6.59	-	-	182	205	H
2	* 5.353	43.87	PK	34.4	-17.7	0	60.57	-	-	74	-13.43	182	205	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

CHANNEL 64 RESTRICTED, VERT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	46.74	PK	34.4	-17.7	0	63.44	-	-	74	-10.56	290	175	V
3	* 5.35	33.41	RMS	34.4	-17.7	.52	50.63	54	-3.37	-	-	290	175	V
4	* 5.351	33.69	RMS	34.4	-17.7	.52	50.91	54	-3.09	-	-	290	175	V
2	* 5.352	51.82	PK	34.4	-17.7	0	68.52	-	-	74	-5.48	290	175	V

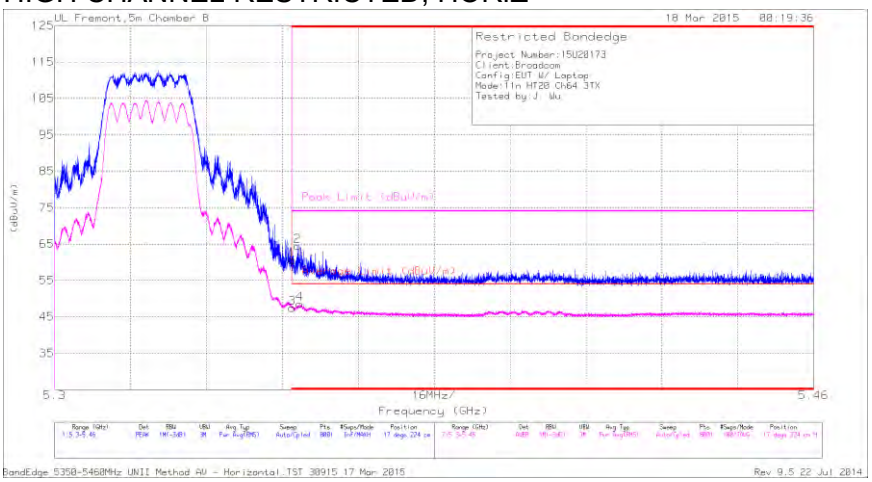
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

9.20. TX ABOVE 1 GHz 802.11n HT20 CDD 3TX MODE IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE (HIGH CHANNEL)

HIGH CHANNEL RESTRICTED, HORIZ



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	43.89	PK	34.4	-17.7	0	60.59	-	-	74	-13.41	17	224	H
3	* 5.35	30.69	RMS	34.4	-17.7	0	47.39	54	-6.61	-	-	17	224	H
2	* 5.351	47.72	PK	34.4	-17.7	0	64.42	-	-	74	-9.58	17	224	H
4	* 5.352	31.81	RMS	34.4	-17.7	0	48.51	54	-5.49	-	-	17	224	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

HIGH CHANNEL RESTRICTED, VERT

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	49.13	PK	34.4	-17.7	0	65.83	-	-	74	-8.17	217	168	V
2	* 5.35	51.53	PK	34.4	-17.7	0	68.23	-	-	74	-5.77	217	168	V
3	* 5.35	33.42	RMS	34.4	-17.7	0	50.12	54	-3.88	-	-	217	168	V
4	* 5.35	34.01	RMS	34.4	-17.7	0	50.71	54	-3.29	-	-	217	168	V

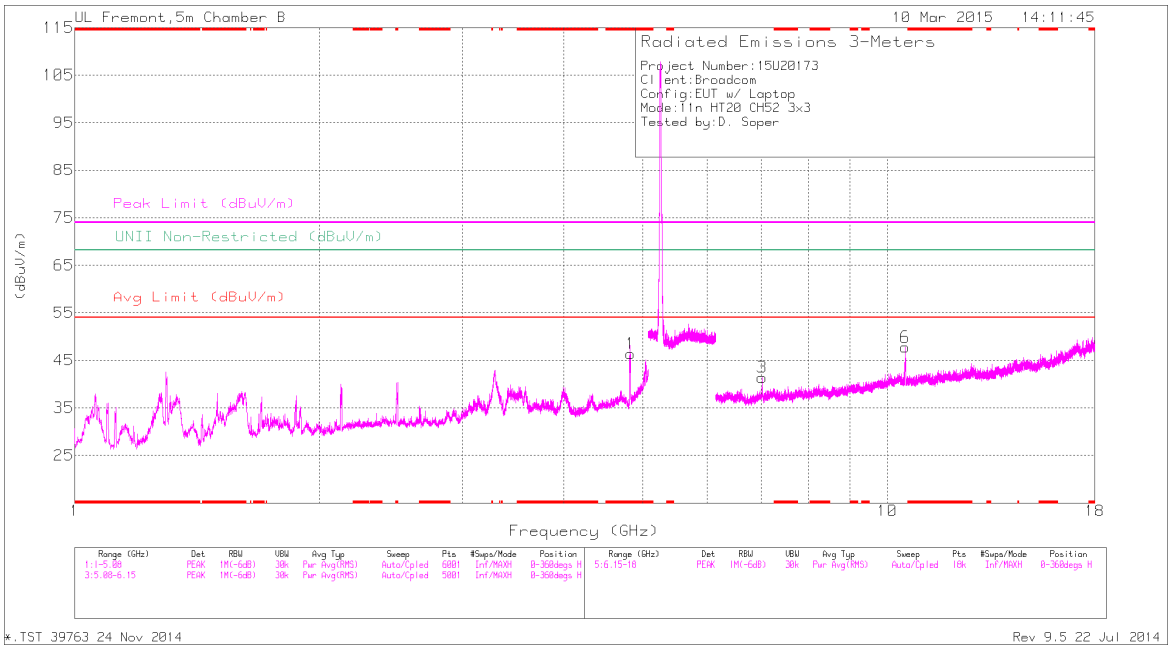
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

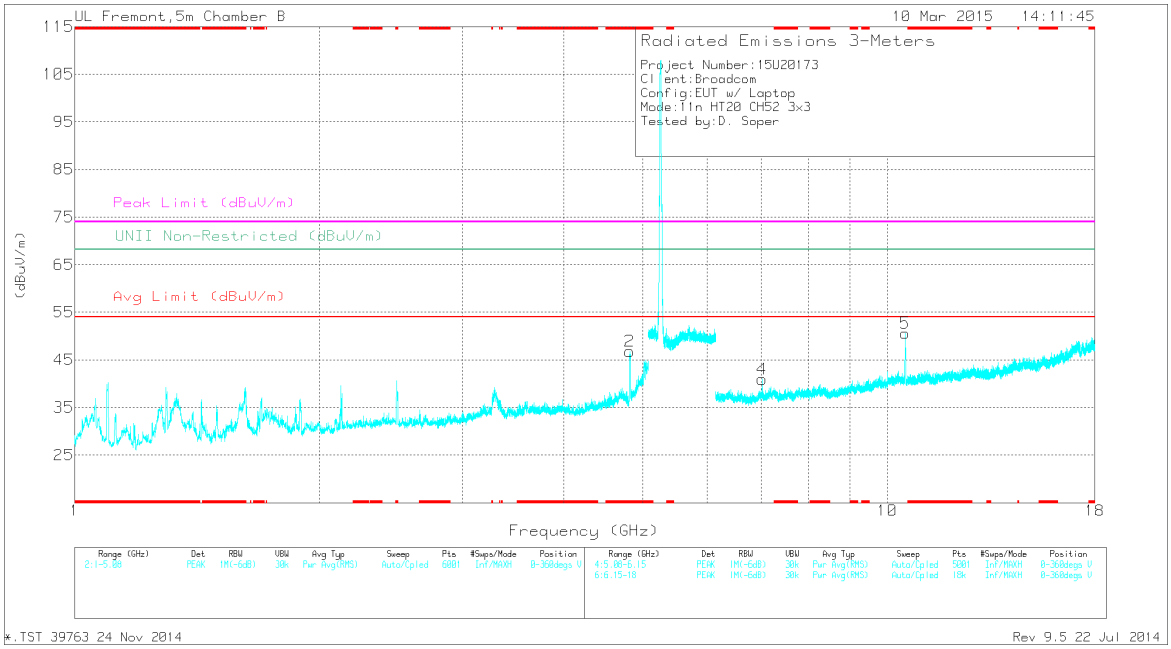
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL

HORIZONTAL



VERTICAL



Trace Markers

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	* 4.828	49.77	PK1	33.9	-29.7	0	53.97	-	-	74	-20.03	-	-	3	154	H
	* 4.828	40.76	AD1	33.9	-29.8	0	44.86	54	-9.14	-	-	-	-	3	154	H
2	* 4.82	50.74	PK1	33.9	-29.7	0	54.94	-	-	74	-19.06	-	-	203	253	V
	* 4.821	41.76	AD1	33.9	-29.7	0	45.96	54	-8.04	-	-	-	-	203	253	V
3	7.013	41.87	PK1	35.3	-27.4	0	49.77	-	-	-	-	68.2	-18.43	279	228	H
4	7.013	40.23	PK1	35.3	-27.4	0	48.13	-	-	-	-	68.2	-20.07	146	109	V
5	10.521	43.23	PK1	37.3	-23.2	0	57.33	-	-	-	-	68.2	-10.87	283	115	H
6	10.521	44.7	PK1	37.3	-23.2	0	58.8	-	-	-	-	68.2	-9.4	36	103	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
PK1 - KDB789033 Method: Peak
AD1 - KDB789033 Method: AD Primary Power Average

MID CHANNEL

HORIZONTAL

VERTICAL