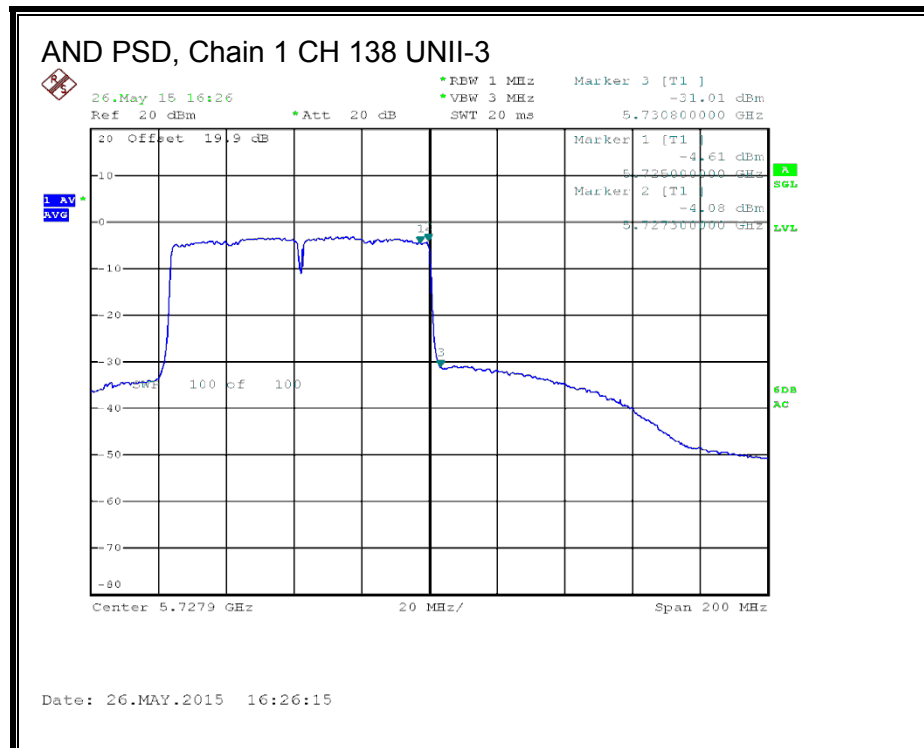
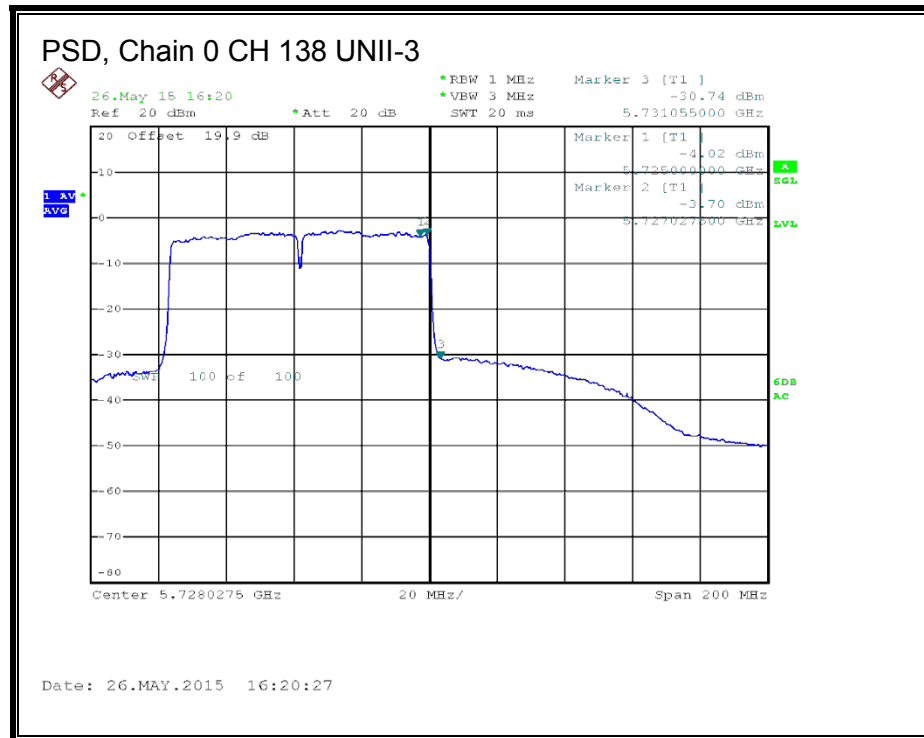




8.34.4. AVERAGE OUTPUT POWER (WHOLE FUNDAMENTAL)

LIMITS

None; for reporting purposes only.

TEST PROCEDURE

The transmitter output is connected to a power meter.

RESULTS

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)
138	5690	19.10	18.80	21.96

8.35. 802.11ac VHT80 TxBF 2Tx MODE IN THE 5.6 GHz BAND

8.35.1. OUTPUT POWER AND PSD

LIMITS

FCC §15.407 (a) (2)

For the band 5.47–5.725 GHz, the maximum conducted output power over the frequency band of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26-dB emission bandwidth in MHz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1-MHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the peak 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 Power and 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)
6.00	6.00	9.01

RESULTS

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm)
Low	5530	81.70	9.01	9.01	20.99	7.99
Mid	5610	81.20	9.01	9.01	20.99	7.99

Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd PSD
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Output Power Results

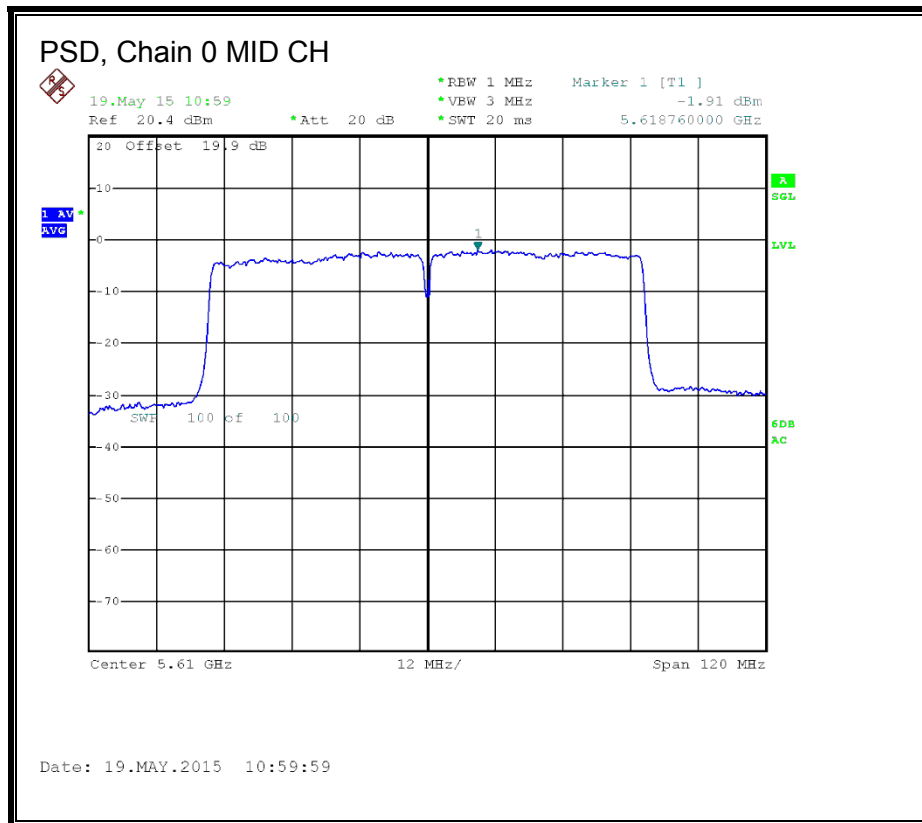
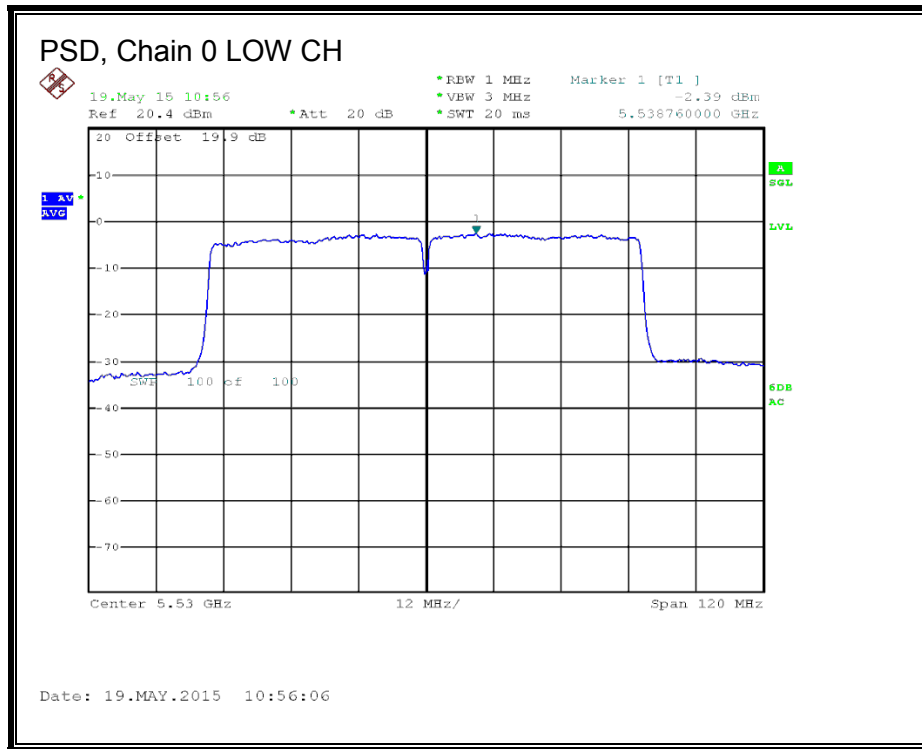
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	14.87	14.85	17.87	20.99	-3.12
Mid	5610	17.20	17.30	20.26	20.99	-0.73

PSD Results

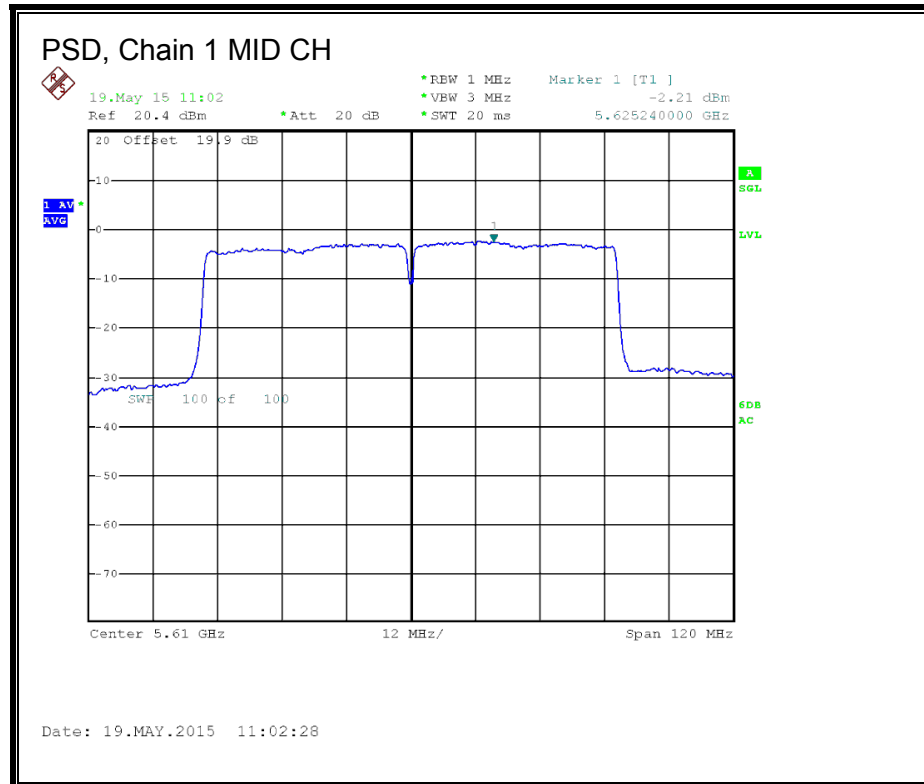
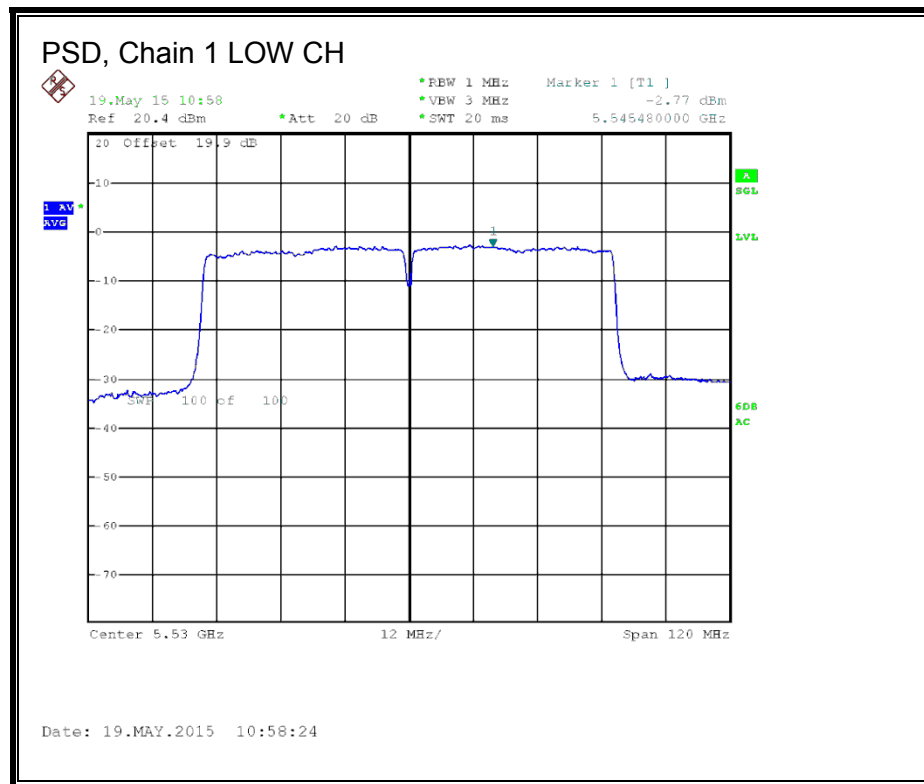
Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5530	-2.39	-2.77	0.62	7.99	-7.37
Mid	5610	-1.91	-2.21	1.14	7.99	-6.85

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.

PSD, Chain 0



PSD, Chain 1



STRADDLE CHANNEL 138 RESULTS

UNII-2C BAND

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm)
138	5690	75.80	9.01	9.01	20.99	7.99

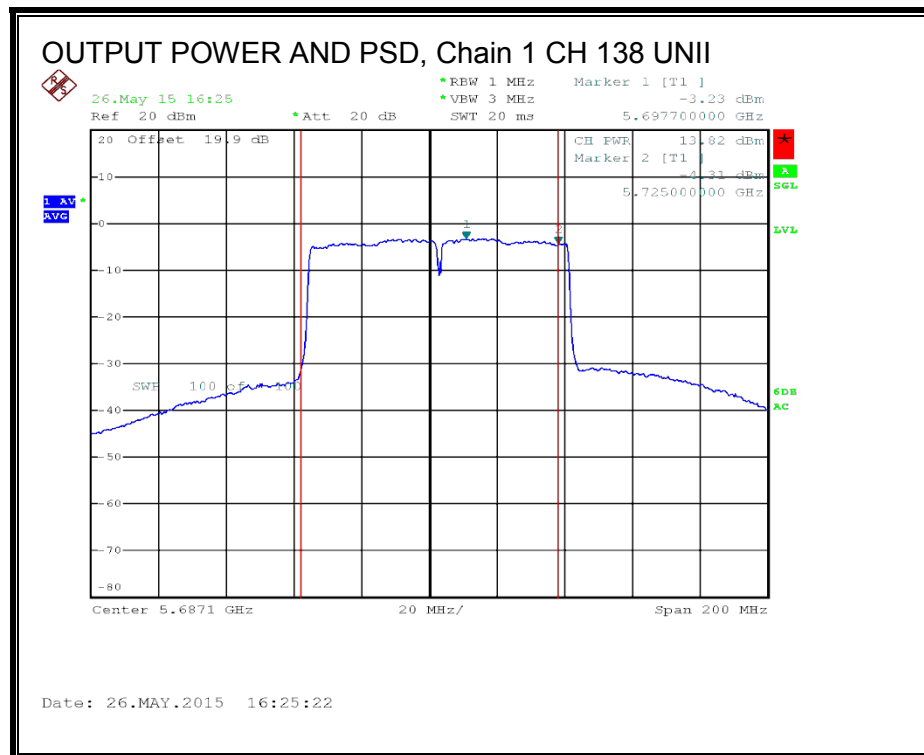
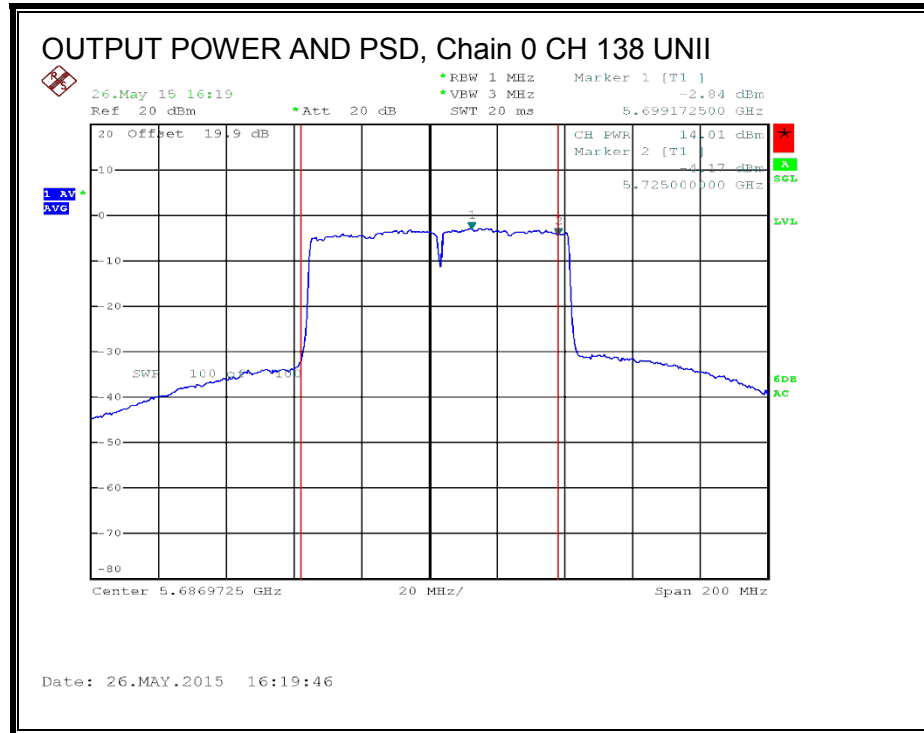
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
138	5690	14.01	13.82	17.12	20.99	-3.87

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)
138	5690	-2.84	-3.23	0.17	7.99	-7.82



UNII-3 BAND

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm)
138	5690	7.71	7.71	28.29	28.29

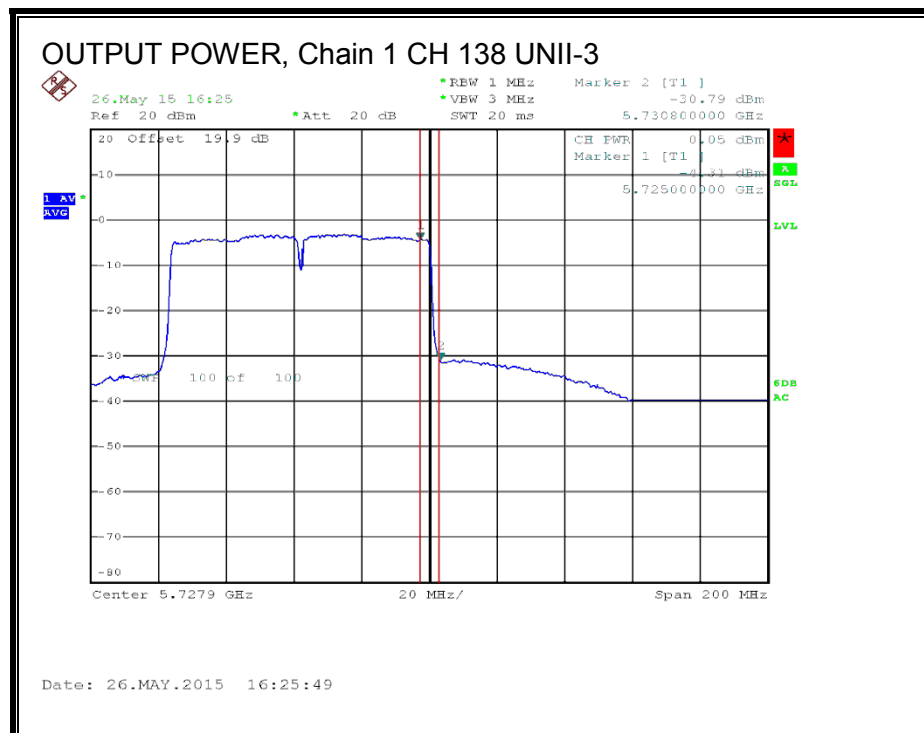
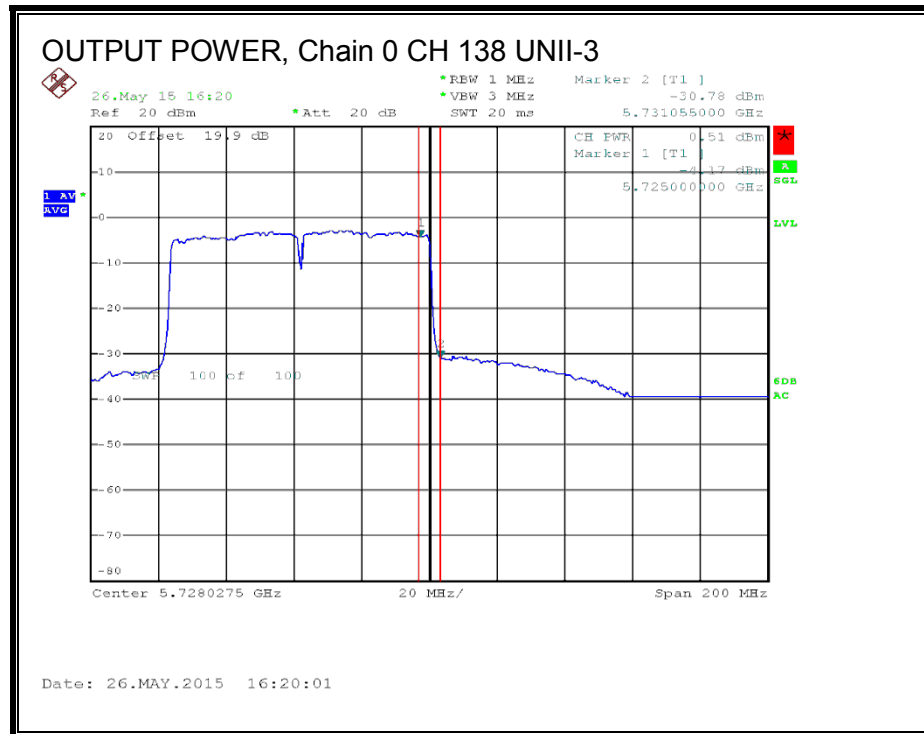
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd Power & PSD
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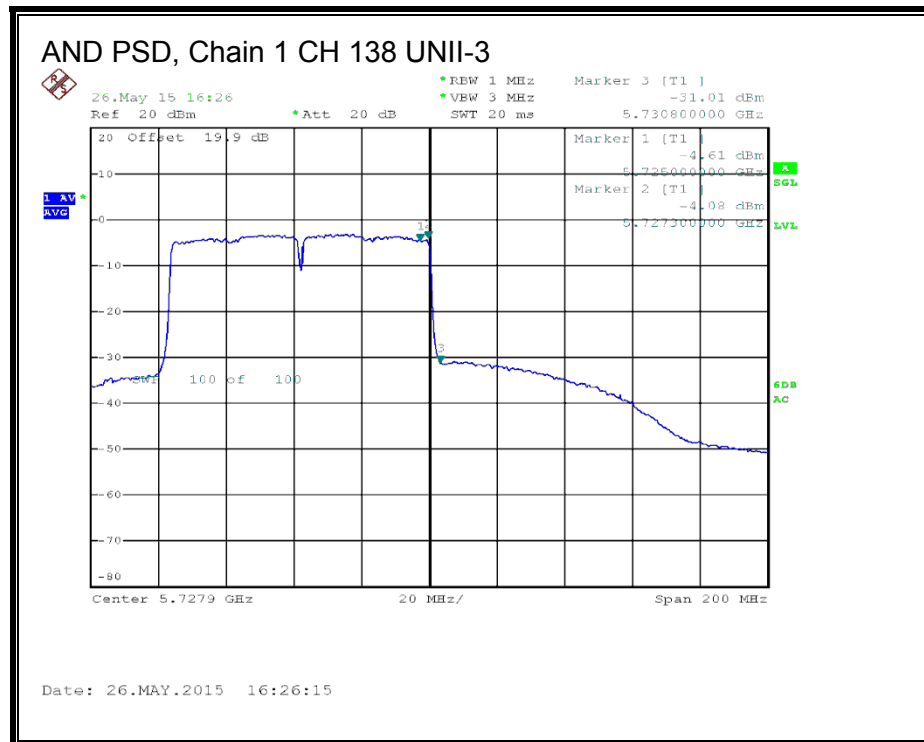
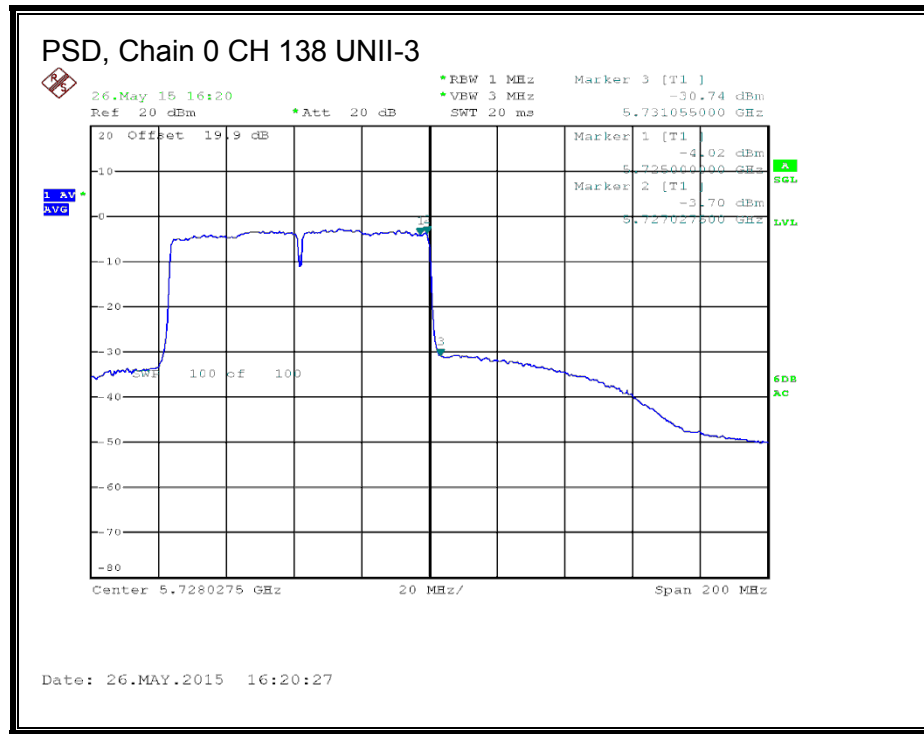
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
138	5690	0.51	0.05	3.49	28.29	-24.80

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)
138	5690	-3.70	-4.08	-0.69	28.29	-28.98





8.35.2. AVERAGE OUTPUT POWER (WHOLE FUNDAMENTAL)

LIMITS

None; for reporting purposes only.

TEST PROCEDURE

The transmitter output is connected to a power meter.

RESULTS

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)
138	5690	19.10	18.80	21.96

8.36. 802.11a LEGACY MODE IN THE 5.8 GHz BAND

8.36.1. 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) = 4.7 dBi

RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low	5745	4.70	30.00
Mid	5785	4.70	30.00
High	5825	4.70	30.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	18.72	18.72	30.00	-11.28
Mid	5785	20.52	20.52	30.00	-9.48
High	5825	20.15	20.15	30.00	-9.85

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.

8.37. 802.11n HT20 CDD SISO MODE IN THE 5.8 GHz BAND

8.37.1. 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) = 4.7 dBi

RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low	5745	4.70	30.00
High	5825	4.70	30.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	18.10	18.10	30.00	-11.90
High	5825	19.92	19.92	30.00	-10.08

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

8.38. 802.11n HT20 CDD 2Tx MODE IN THE 5.8 GHz BAND

8.38.1. 6 dB BANDWIDTH

LIMITS

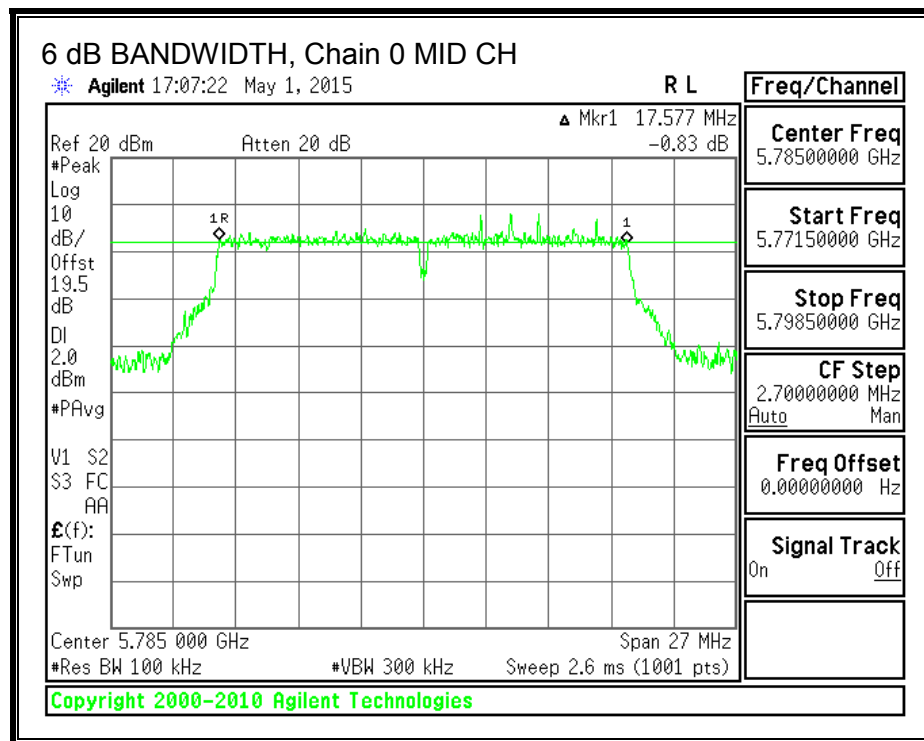
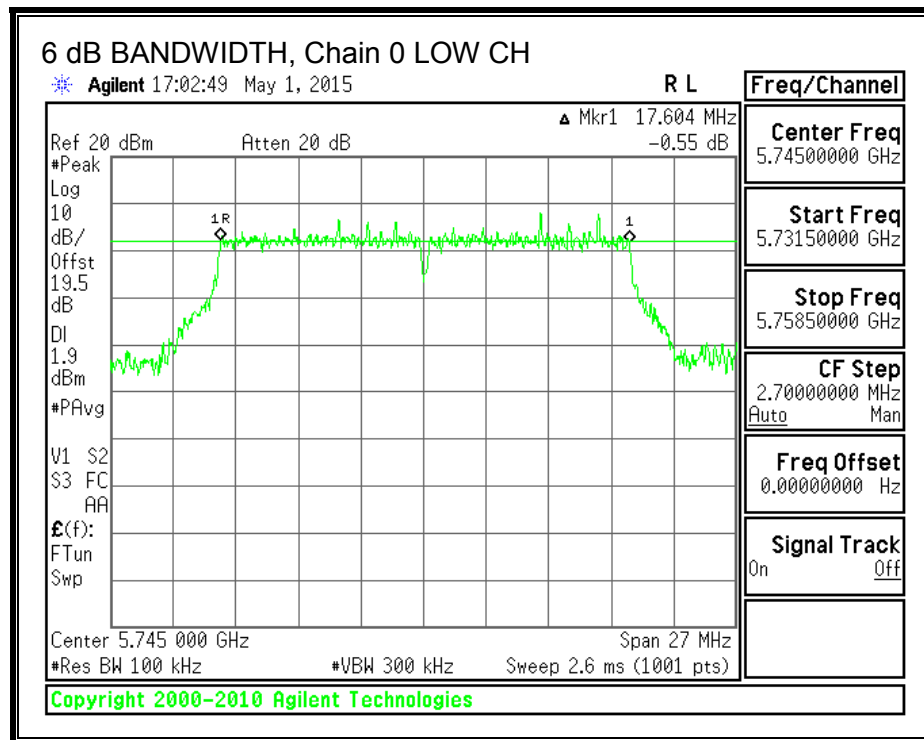
FCC §15.407 (e)

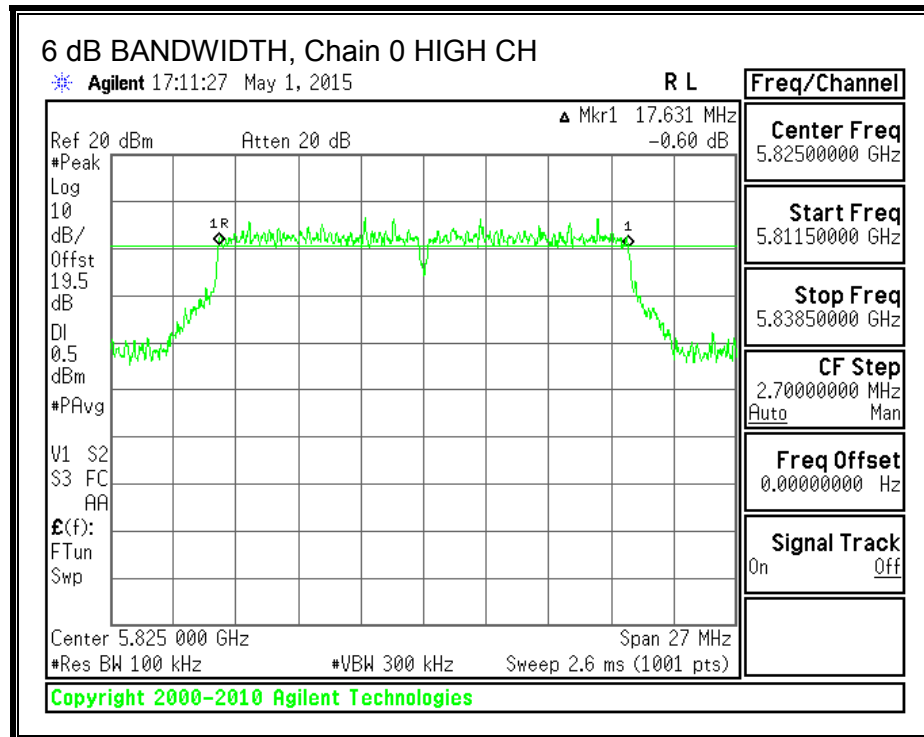
The minimum 6 dB bandwidth shall be at least 500 kHz.

RESULTS

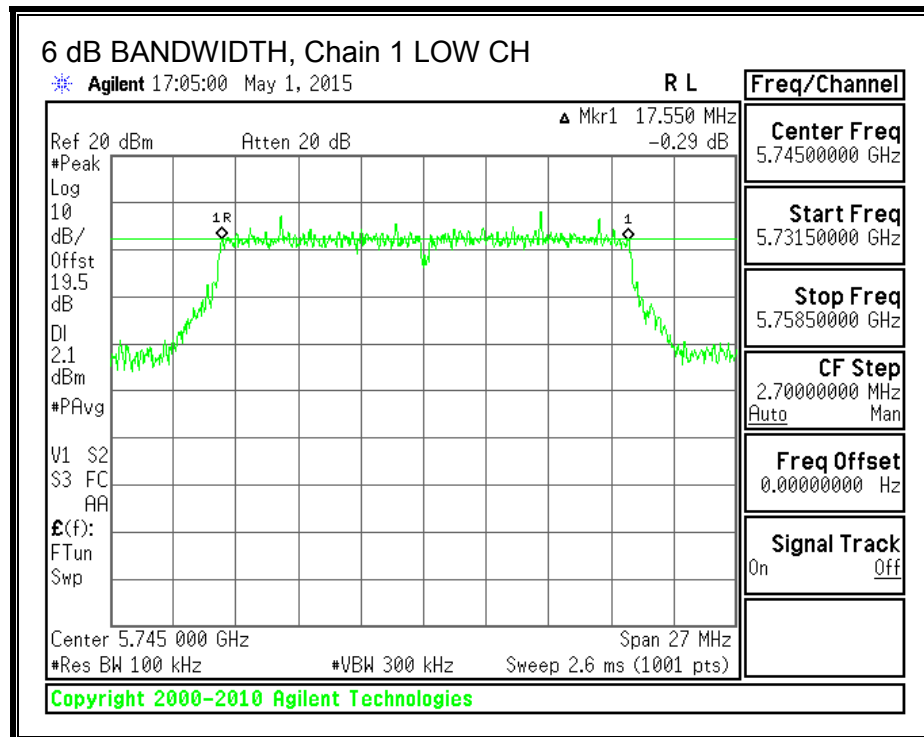
Channel	Frequency (MHz)	6 dB BW Chain 0 (MHz)	6 dB BW Chain 1 (MHz)	Minimum Limit (MHz)
Low	5745	17.604	17.550	0.5
Mid	5785	17.577	17.604	0.5
High	5825	17.631	17.394	0.5

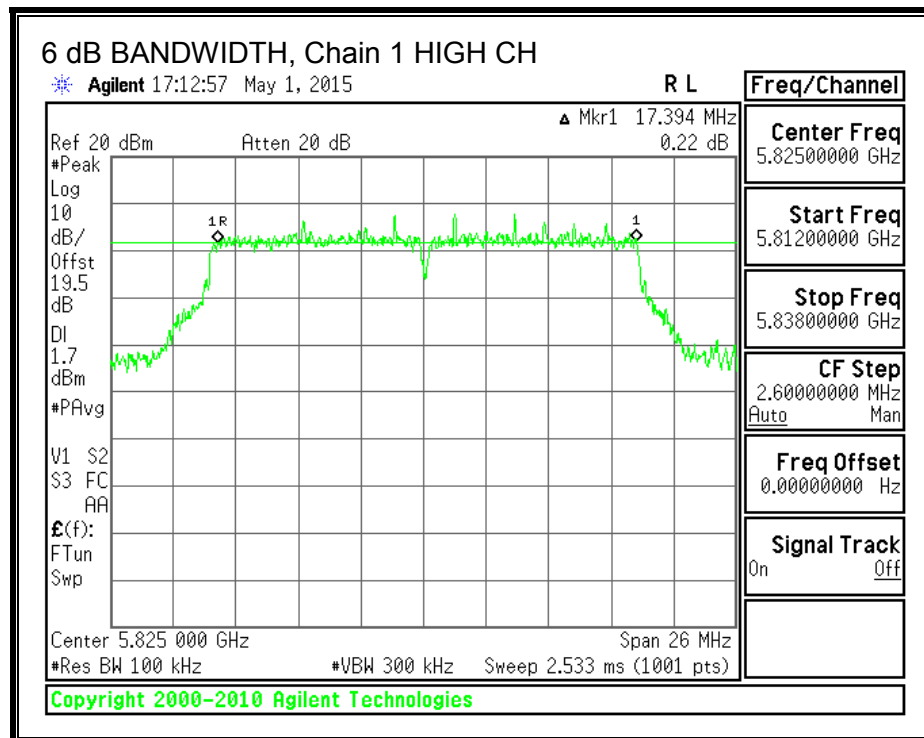
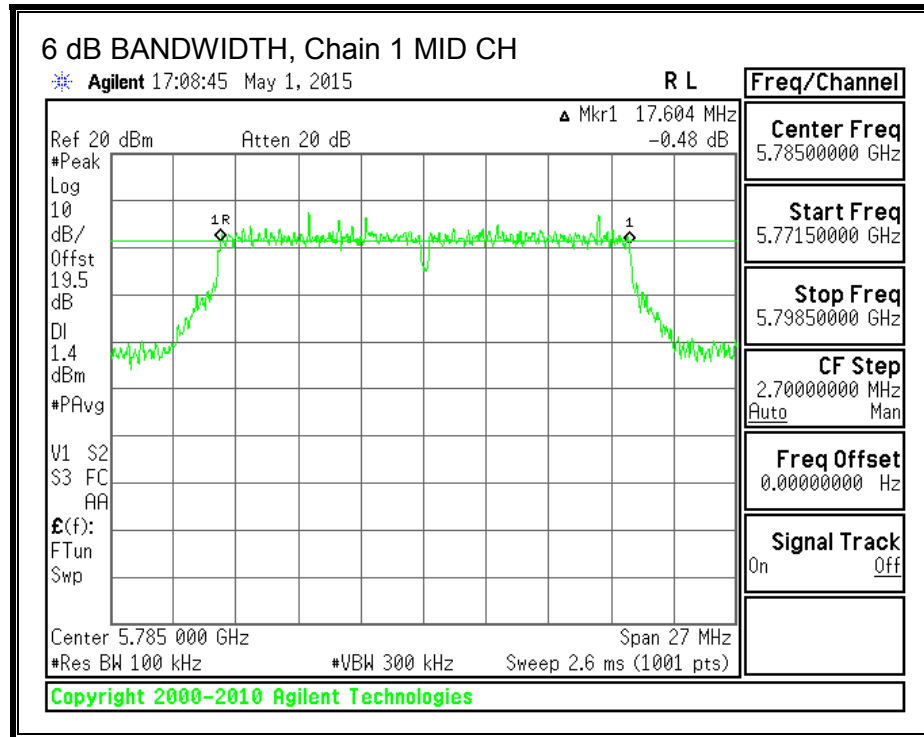
6 dB BANDWIDTH, Chain 0





6 dB BANDWIDTH, Chain 1





8.38.2. 99% BANDWIDTH

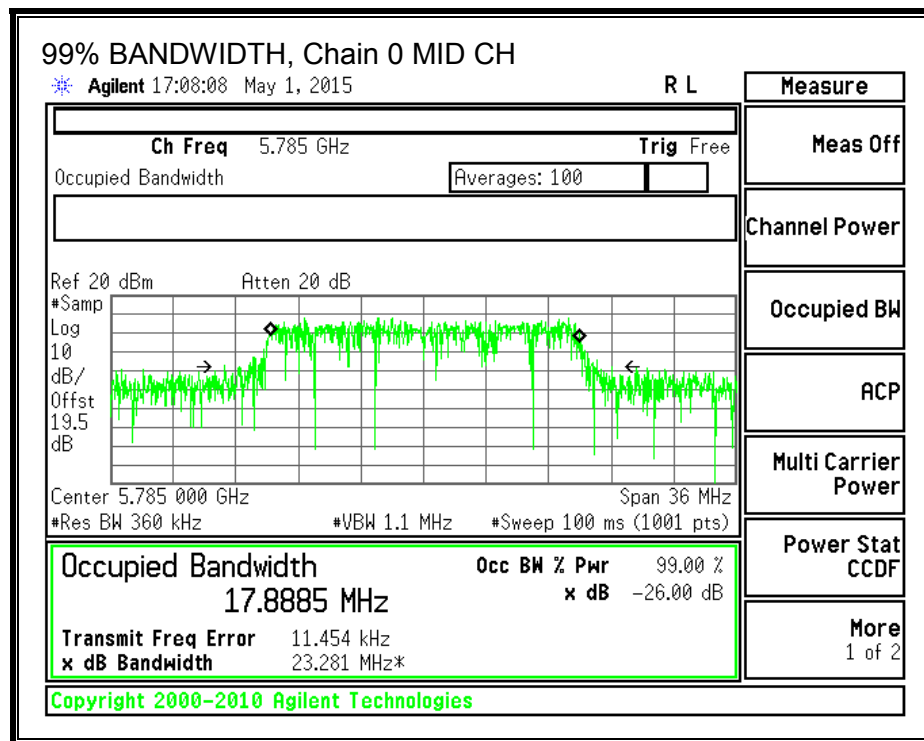
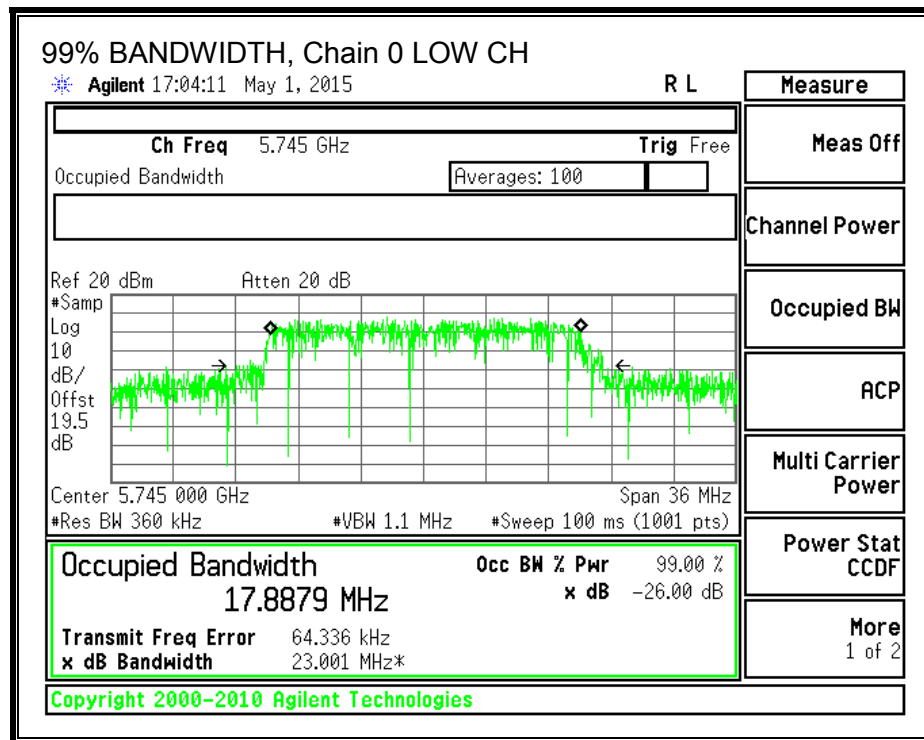
LIMITS

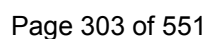
None; for reporting purposes only.

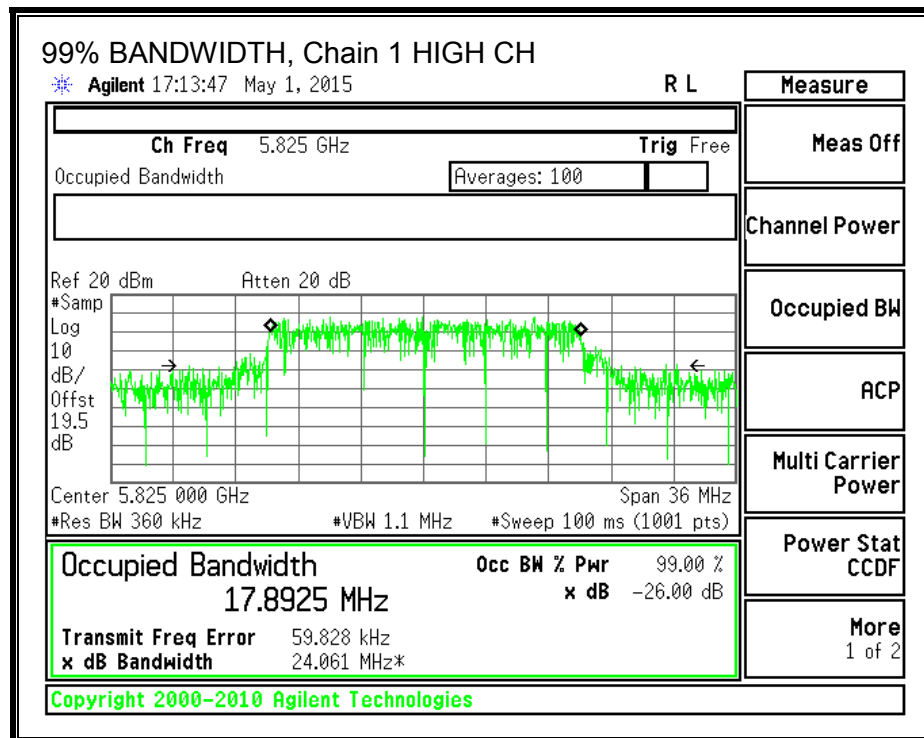
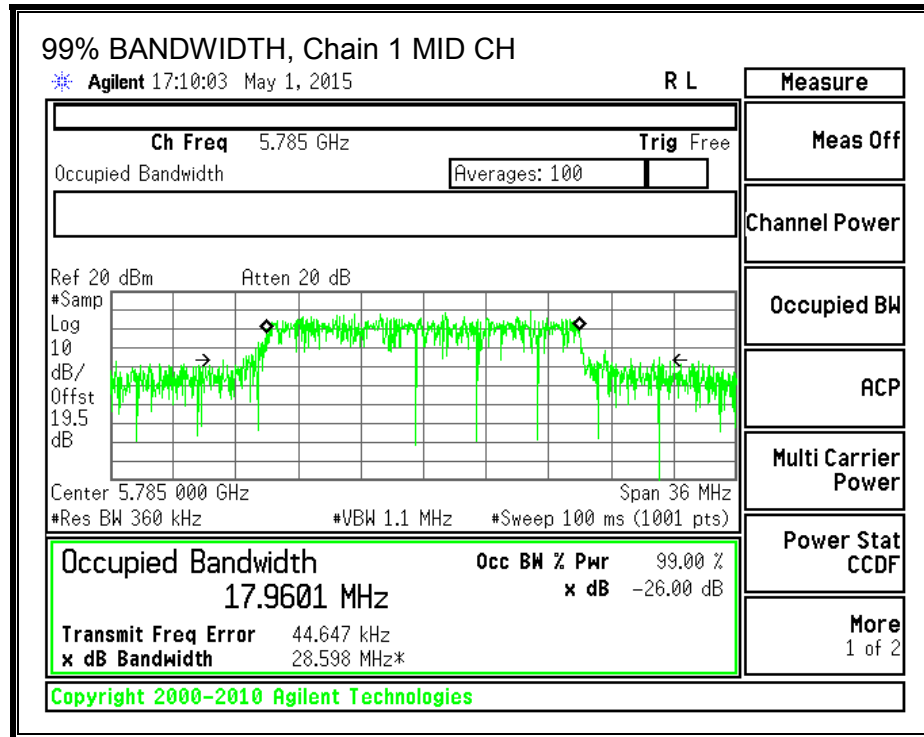
RESULTS

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5745	17.8879	17.9534
Mid	5785	17.8885	17.9601
High	5825	17.9594	17.8925

99% BANDWIDTH, Chain 0







8.38.3. 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)	Uncorrelated Chains Directional Gain (dBi)
4.70	4.70	4.70

RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Low	5745	4.70	30.00
Mid	5785	4.70	30.00
High	5825	4.70	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	5745	17.30	17.30	20.31	30.00	-9.69
Mid	5785	18.80	19.00	21.91	30.00	-8.09
High	5825	18.76	19.00	21.89	30.00	-8.11

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.

8.38.4. 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)	Correlated Chains Directional Gain (dBi)
4.70	4.70	7.71

RESULTS

Antenna Gain and Limit

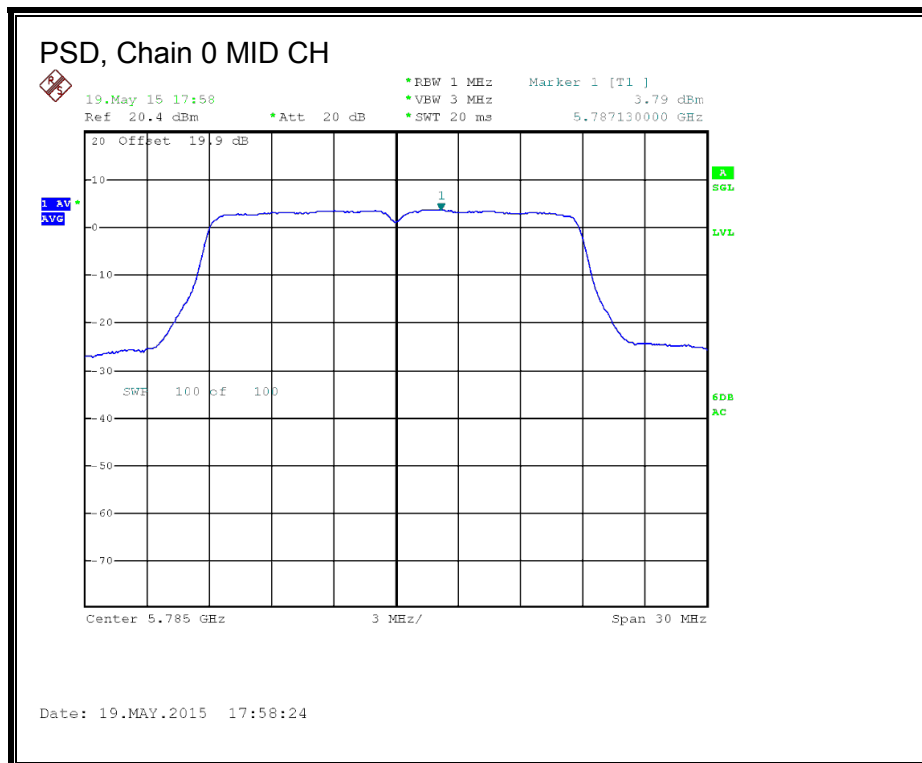
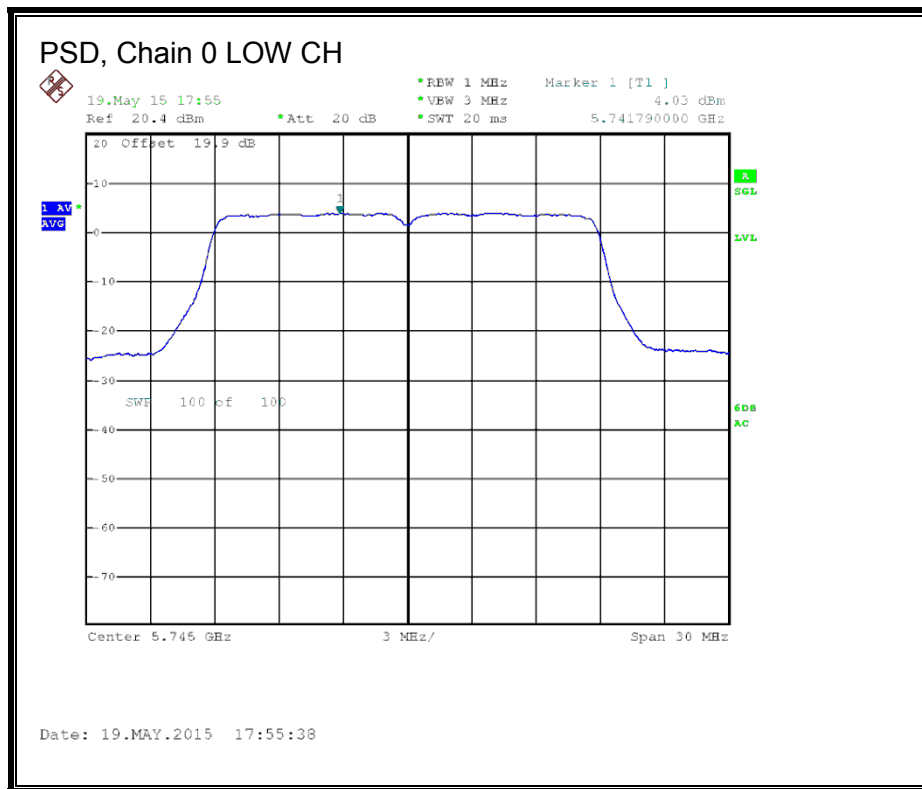
Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Low	5745	7.71	28.29
Mid	5785	7.71	28.29
High	5825	7.71	28.29

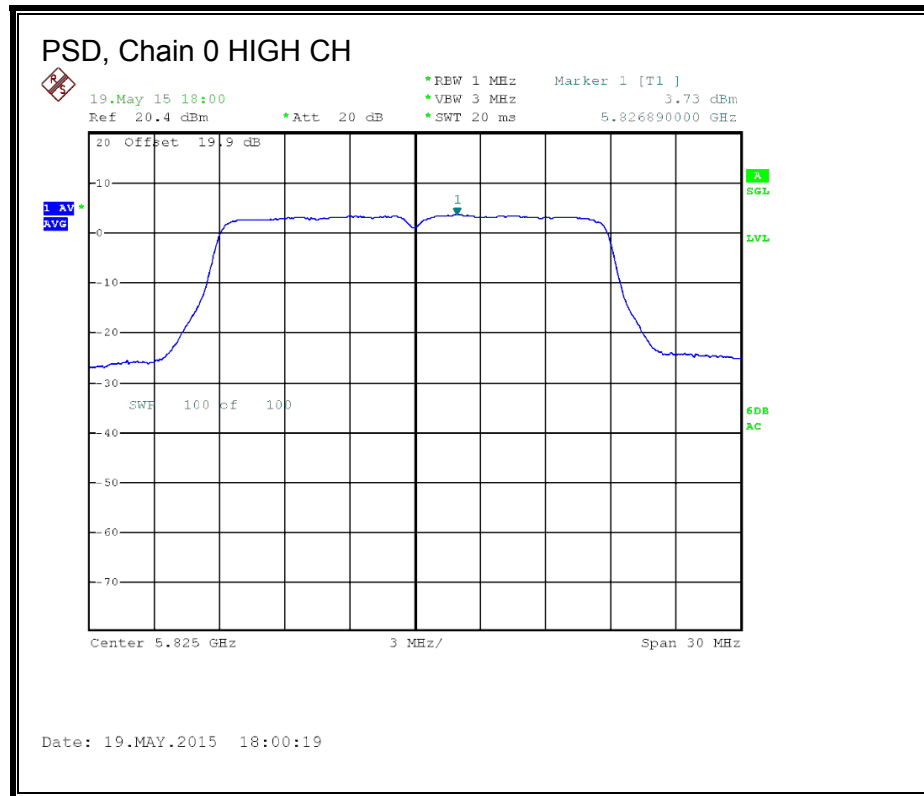
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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PSD Results

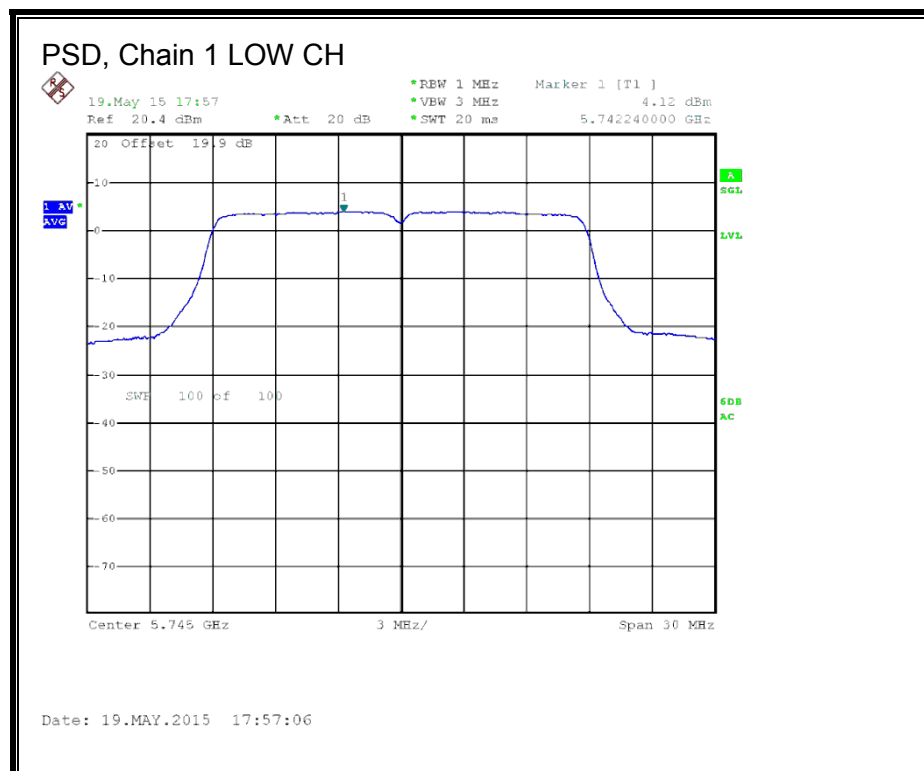
Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5745	4.030	4.120	7.09	28.29	-21.20
Mid	5785	3.790	3.000	6.42	28.29	-21.87
High	5825	3.730	3.290	6.53	28.29	-21.76

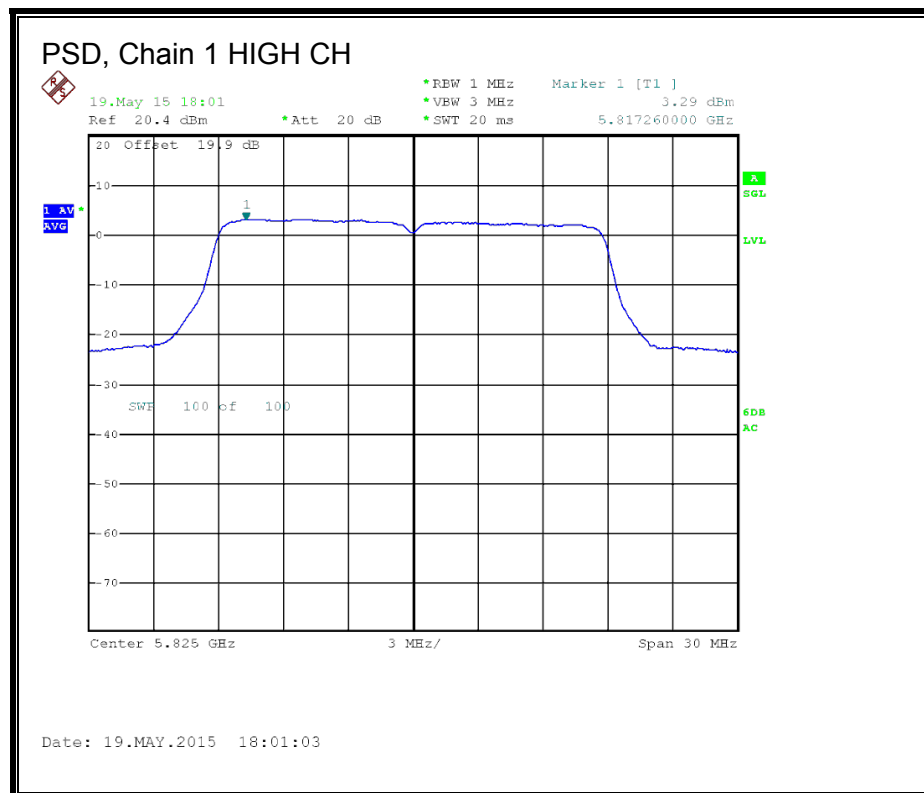
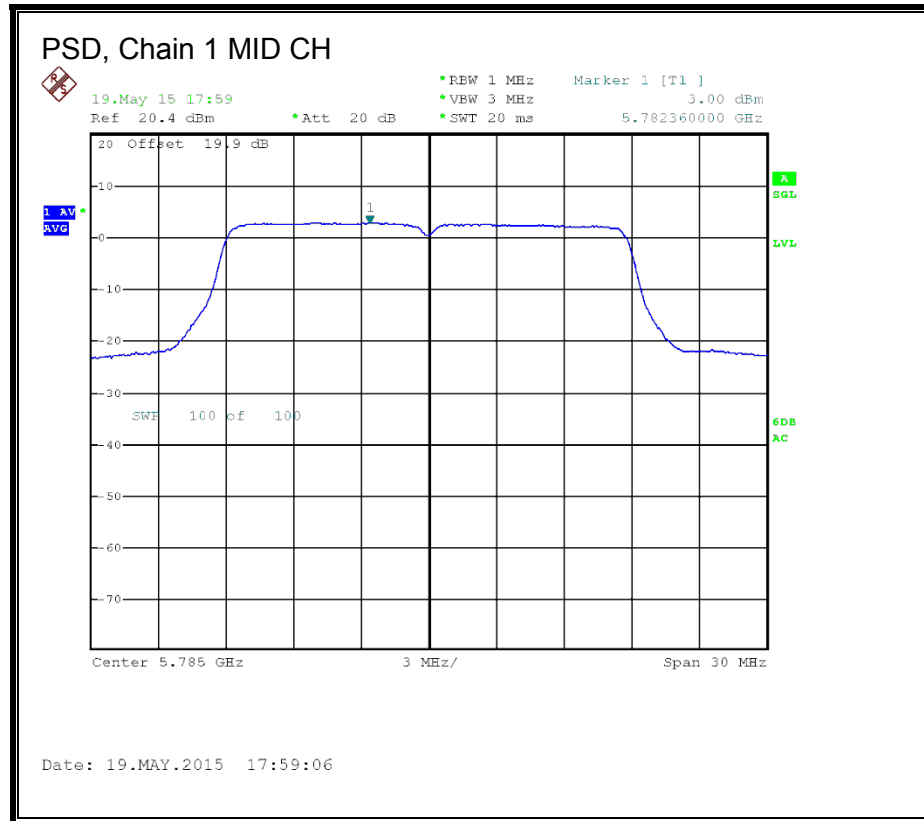
PSD, Chain 0





PSD, Chain 1





8.39. 802.11n HT20 TxBF 2Tx MODE IN THE 5.8 GHz BAND

8.39.1. 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 equal among the chains. The directional gain is:

Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
4.70	4.70	7.71

RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Low	5745	7.71	28.29
153	5765	7.71	28.29
Mid	5785	7.71	28.29
High	5825	7.71	28.29

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	5745	16.80	16.80	19.81	28.29	-8.48
153	5765	20.22	20.20	23.22	28.29	-5.07
Mid	5785	18.80	19.00	21.91	28.29	-6.38
High	5825	17.20	17.10	20.16	28.29	-8.13

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.

8.39.2. 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)	Correlated Chains Directional Gain (dBi)
4.70	4.70	7.71

RESULTS

Antenna Gain and Limit

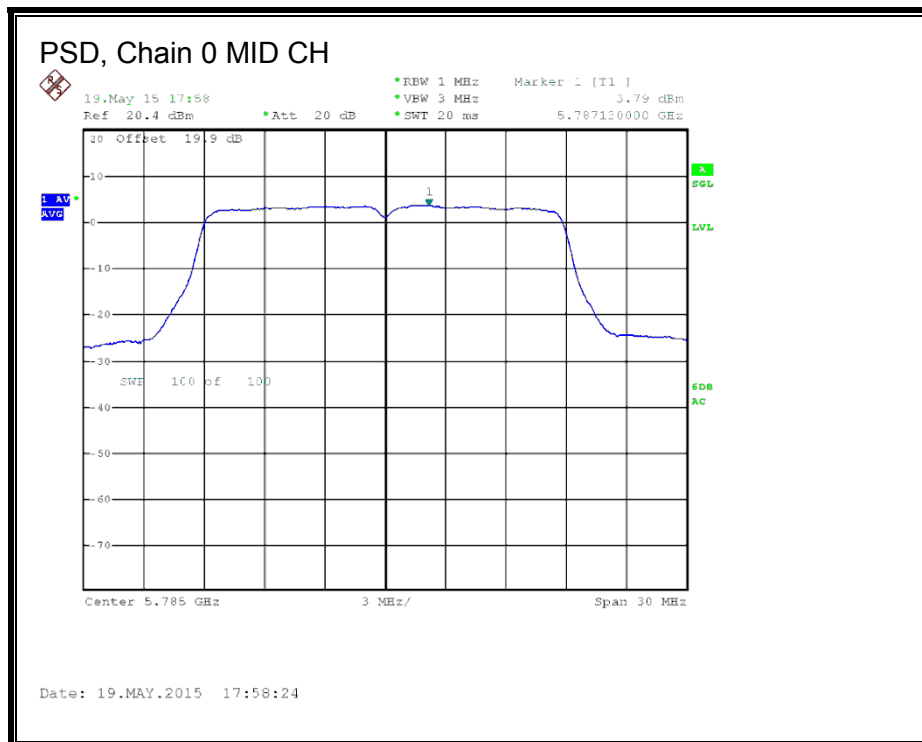
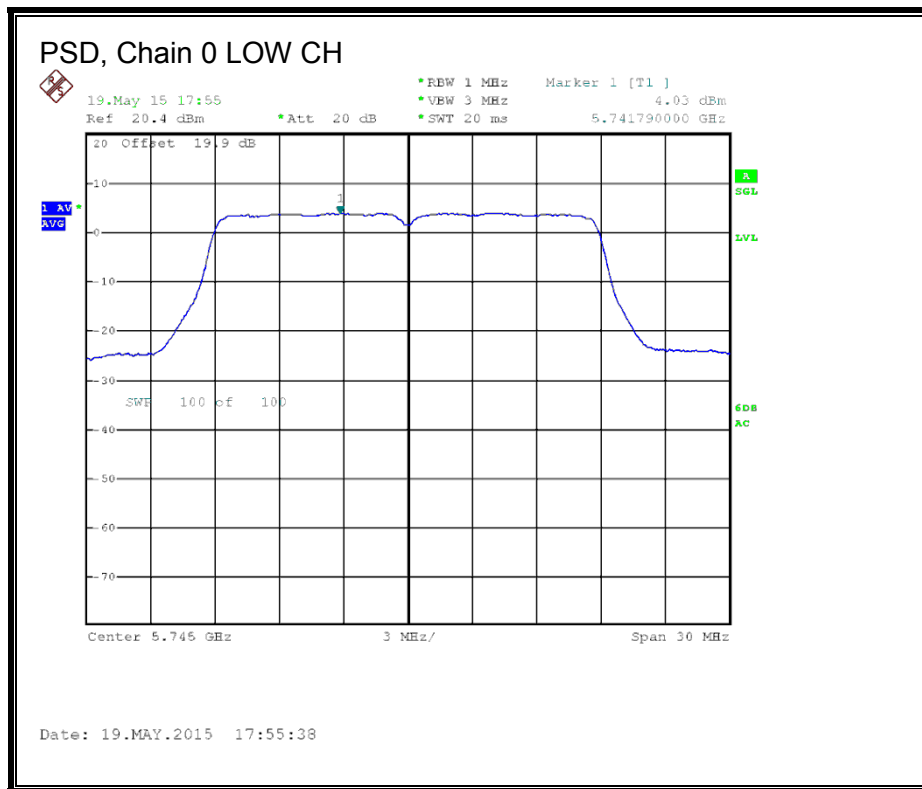
Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Low	5745	7.71	28.29
Mid	5785	7.71	28.29
High	5825	7.71	28.29

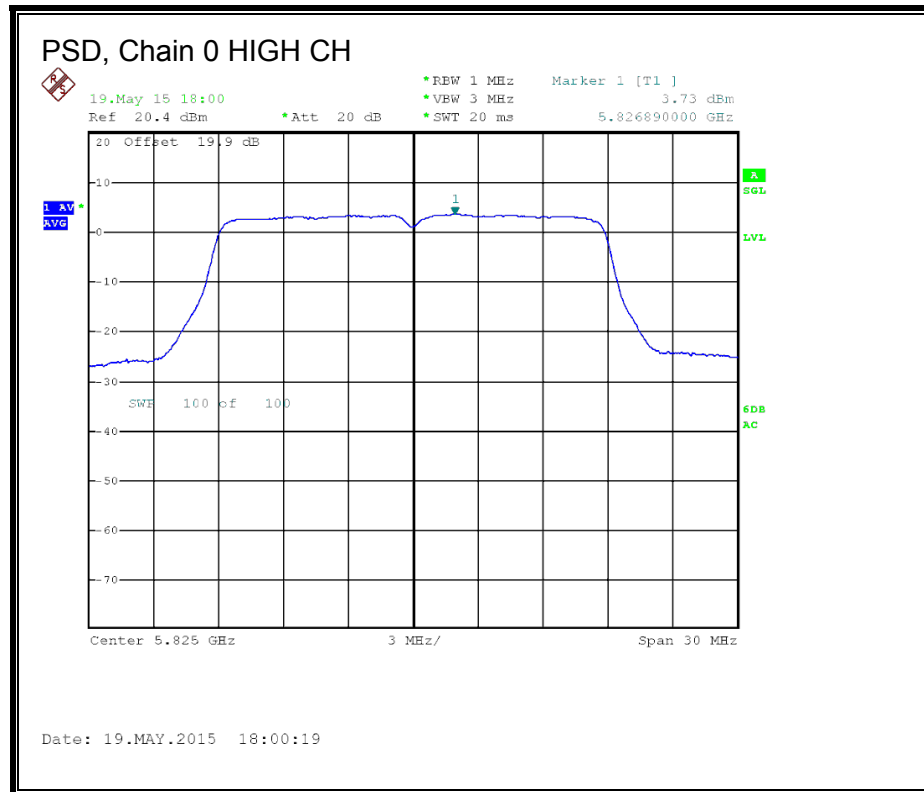
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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PSD Results

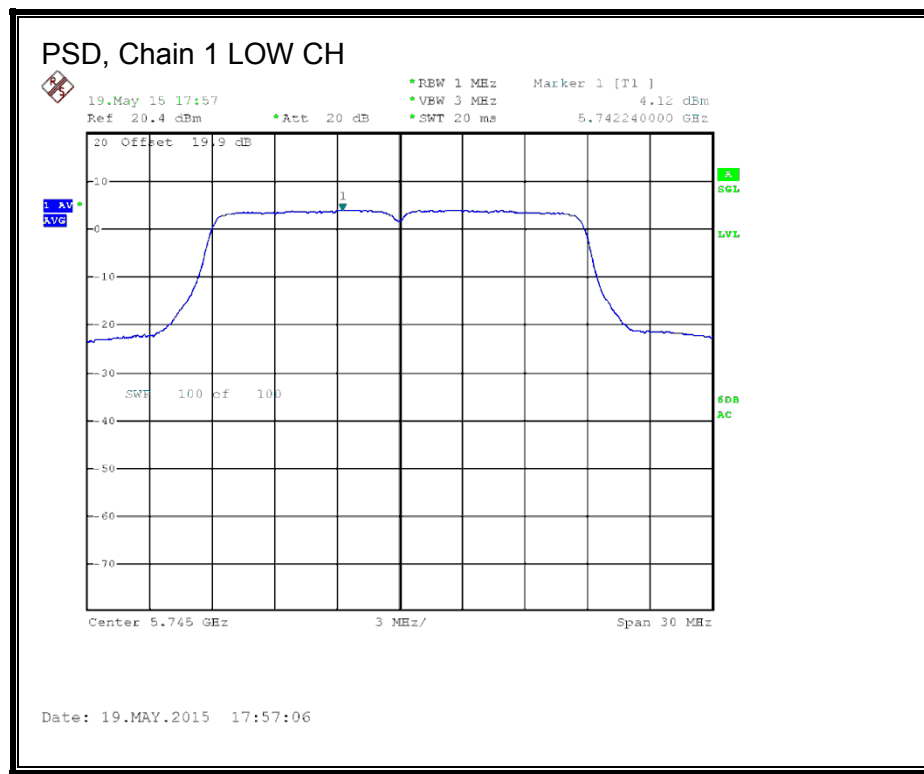
Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5745	4.030	4.120	7.09	28.29	-21.20
Mid	5785	3.790	3.000	6.42	28.29	-21.87
High	5825	3.730	3.290	6.53	28.29	-21.76

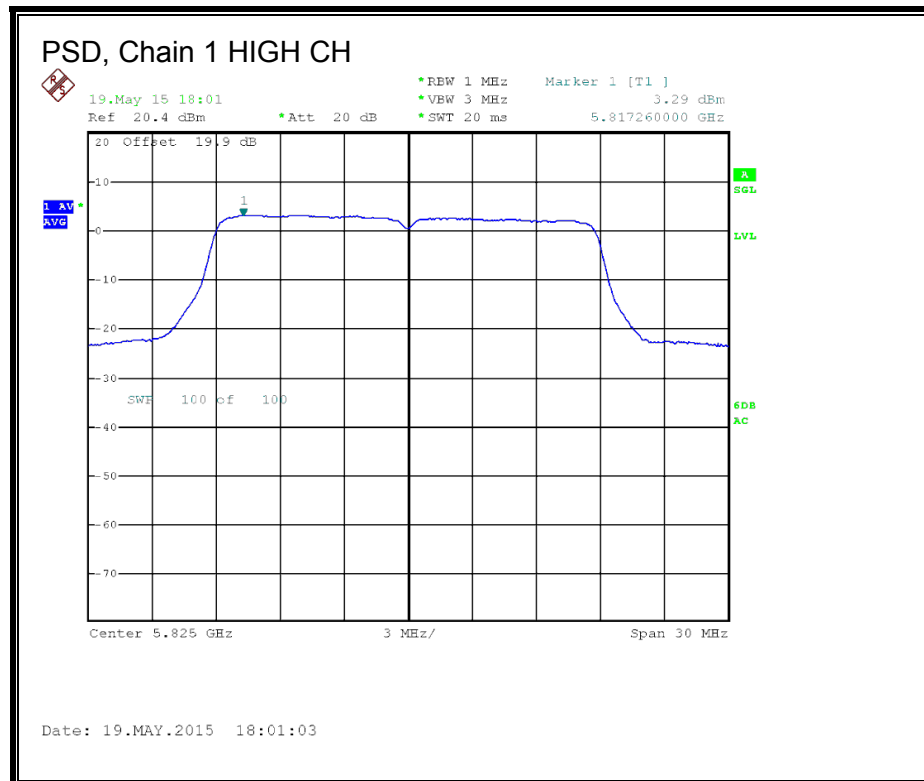
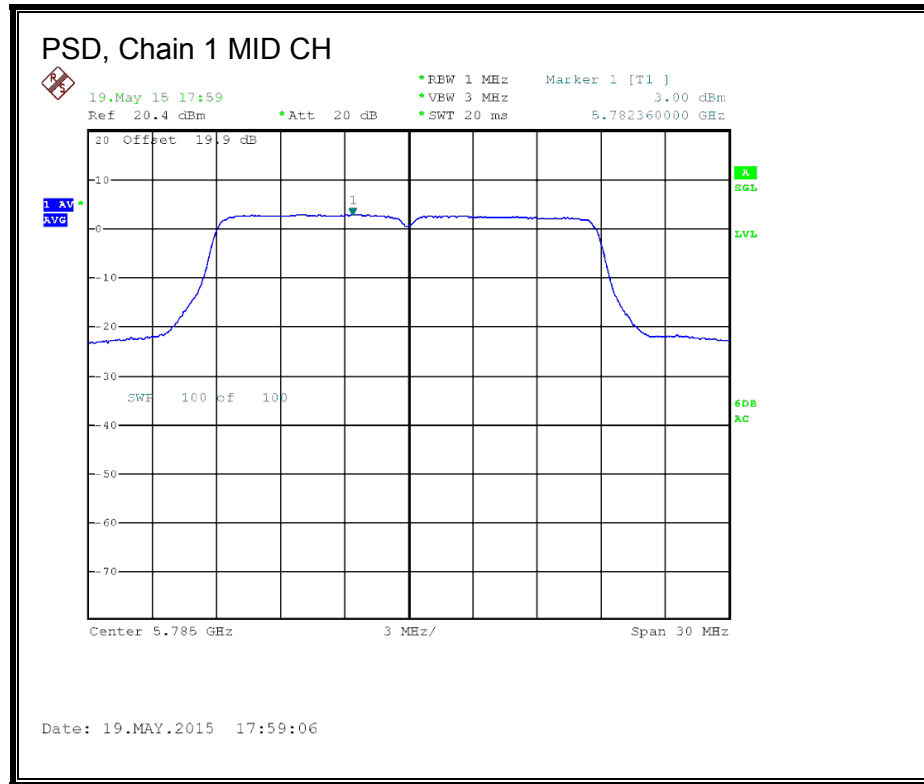
PSD, Chain 0





PSD, Chain 1





8.40. 802.11n HT40 1Tx MODE IN THE 5.8 GHz BAND

8.40.1. 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) = 4.7 dBi

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Low	5755	4.70	30.00
High	5795	4.70	30.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	17.10	17.10	30.00	-12.90
High	5795	19.55	19.55	30.00	-10.45

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.

8.41. 802.11n HT40 CDD 2Tx MODE IN THE 5.8 GHz BAND

8.41.1. 6 dB BANDWIDTH

LIMITS

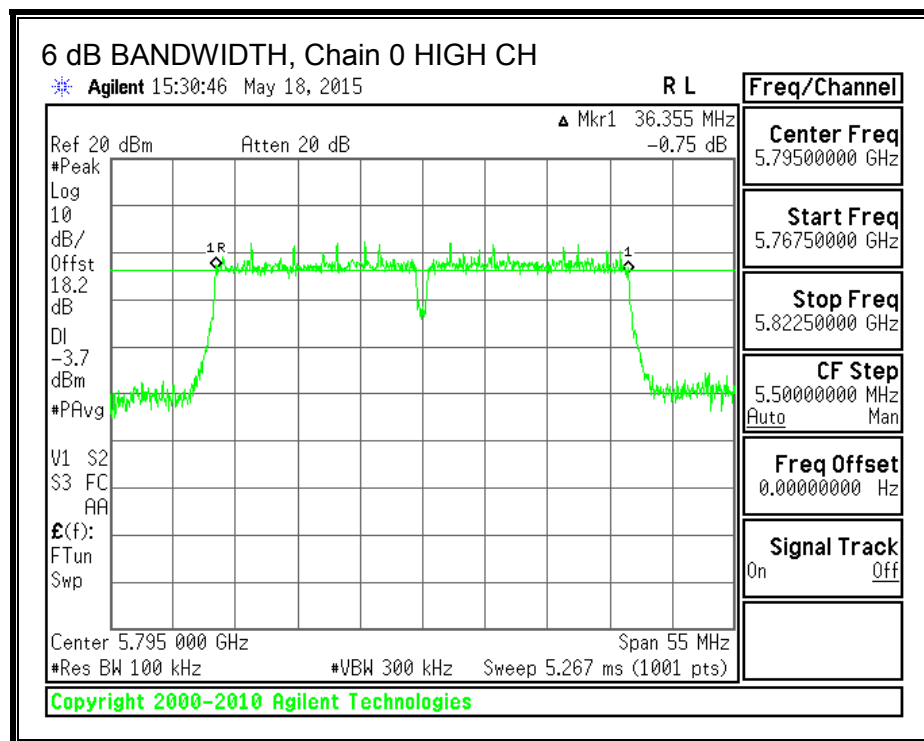
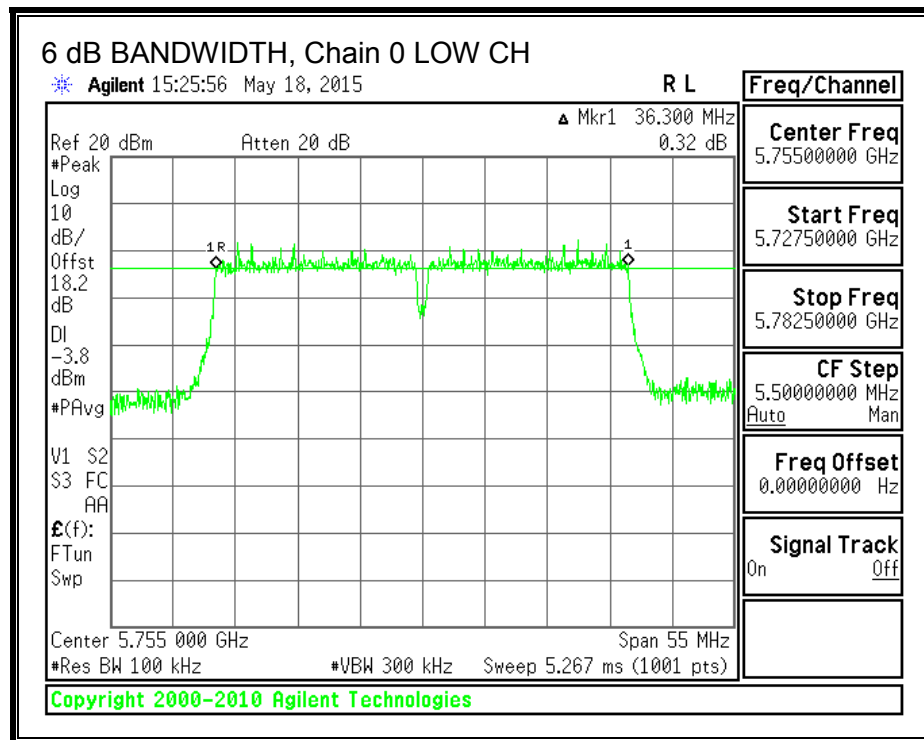
FCC §15.407 (e)

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

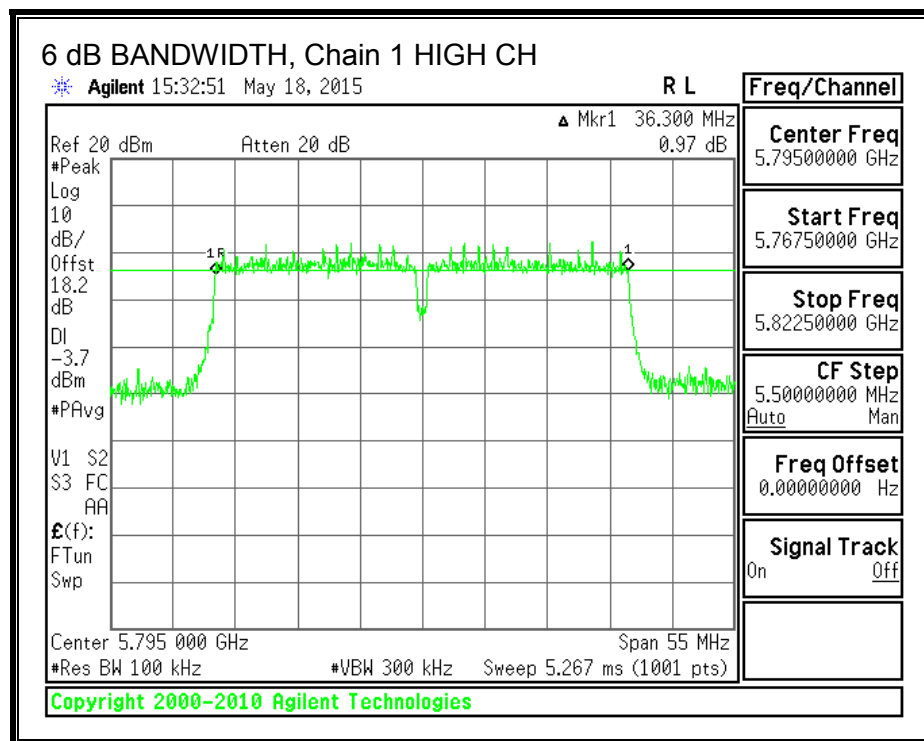
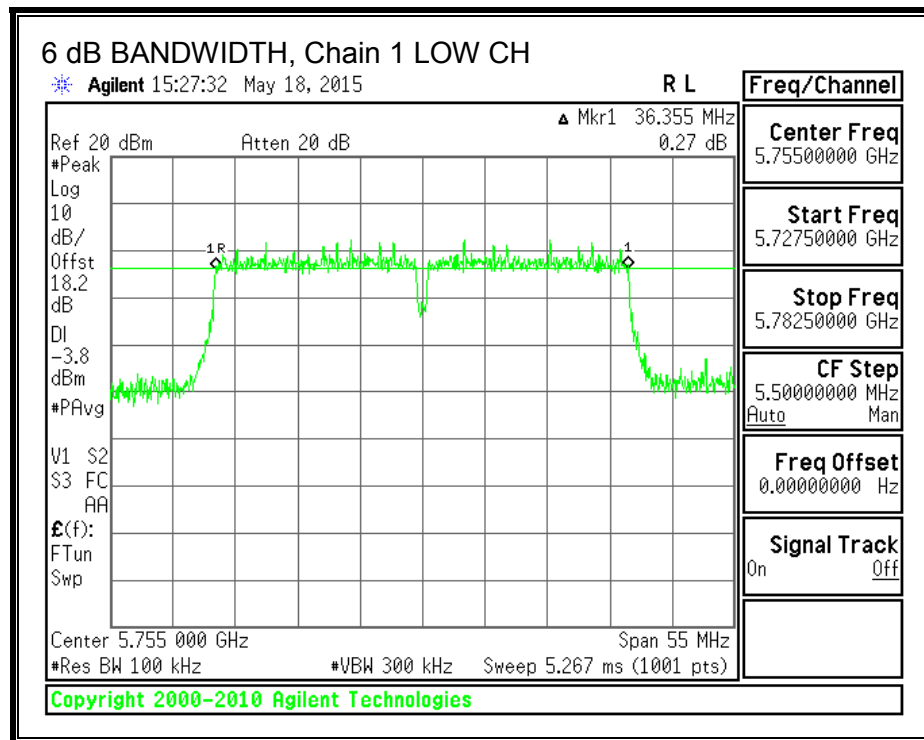
RESULTS

Channel	Frequency (MHz)	6 dB BW Chain 0 (MHz)	6 dB BW Chain 1 (MHz)	Minimum Limit (MHz)
Low	5755	36.300	36.355	0.5
High	5795	36.355	36.300	0.5

6 dB BANDWIDTH, Chain 0



6 dB BANDWIDTH, Chain 1



8.41.2. 99% BANDWIDTH

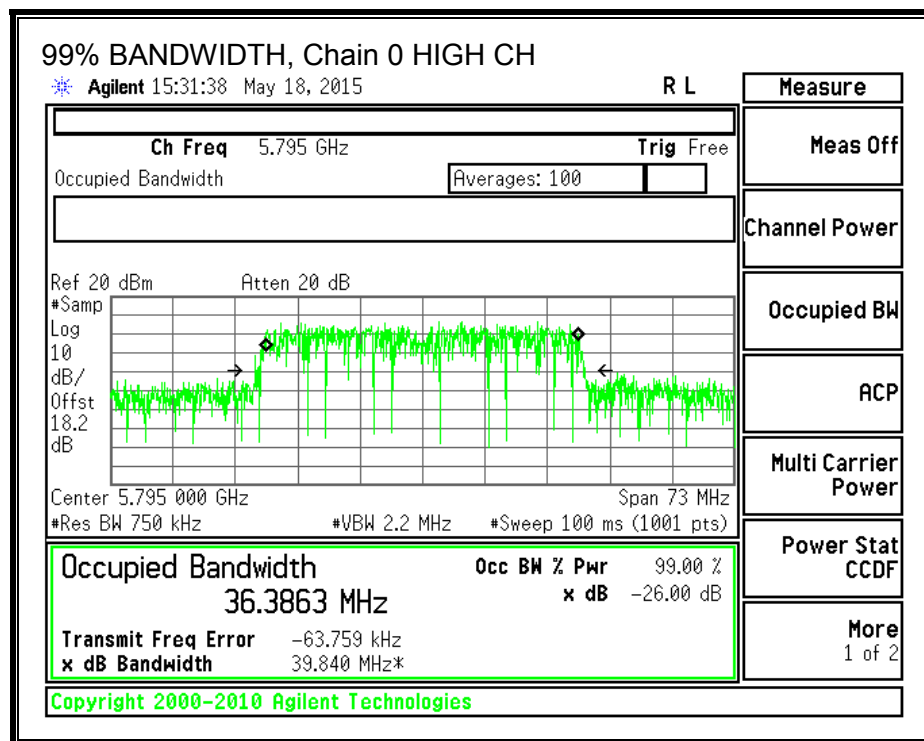
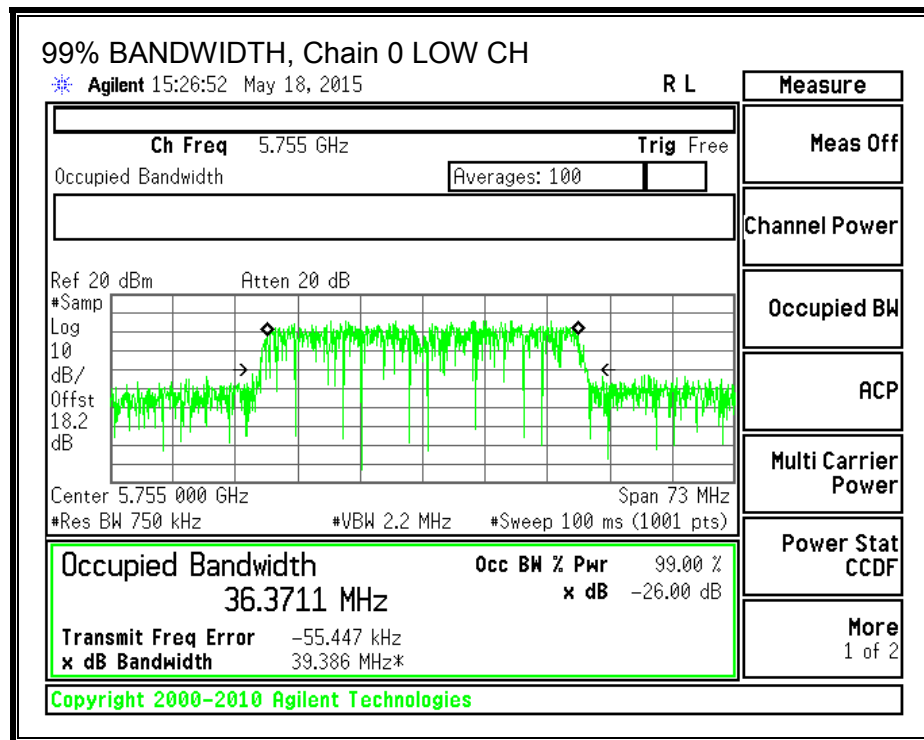
LIMITS

None; for reporting purposes only.

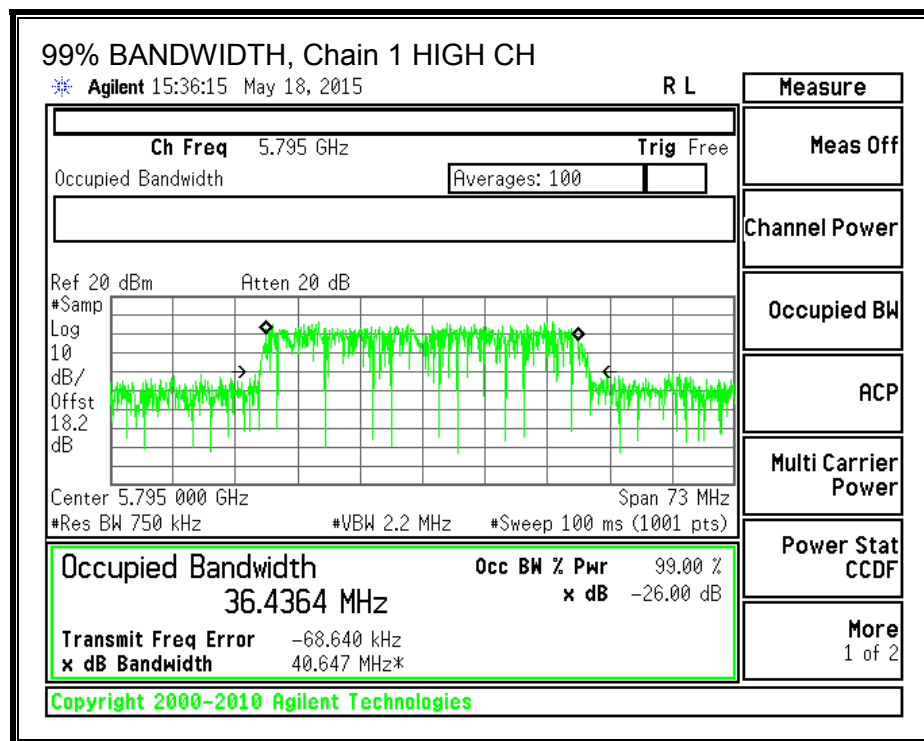
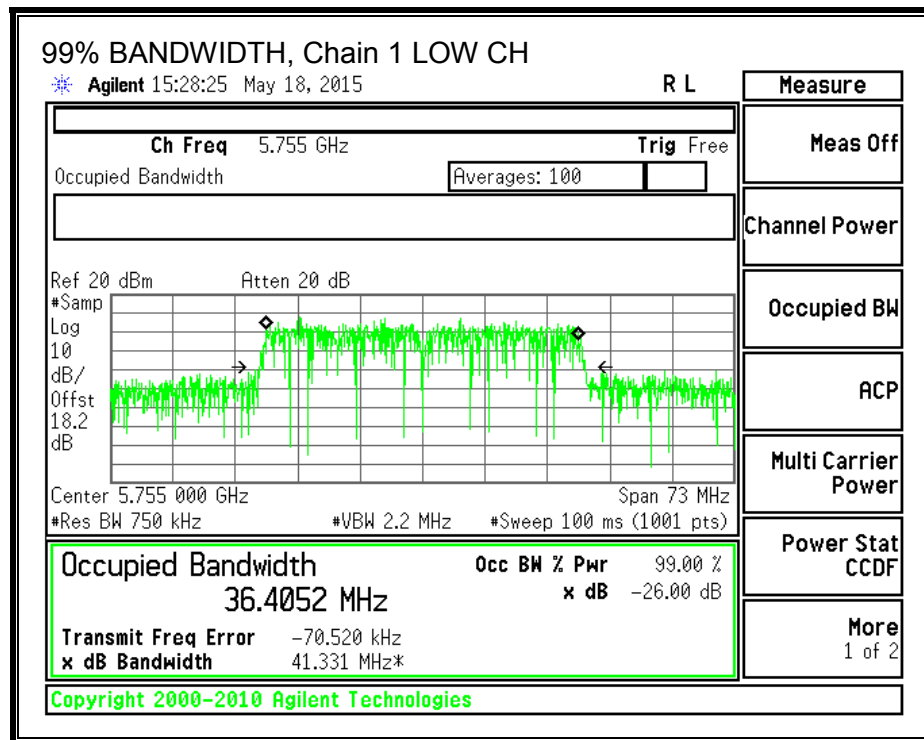
RESULTS

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5755	36.3711	36.4052
High	5795	36.3863	36.4364

99% BANDWIDTH, Chain 0



99% BANDWIDTH, Chain 1



8.41.3. 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)	Uncorrelated Chains Directional Gain (dBi)
4.70	4.70	4.70

RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Low	5755	4.70	30.00
High	5795	4.70	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)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	15.30	15.20	18.26	30.00	-11.74
High	5795	19.10	19.05	22.09	30.00	-7.91

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.

8.41.4. 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)	Correlated Chains Directional Gain (dBi)
4.70	4.70	7.71

RESULTS

Antenna Gain and Limit

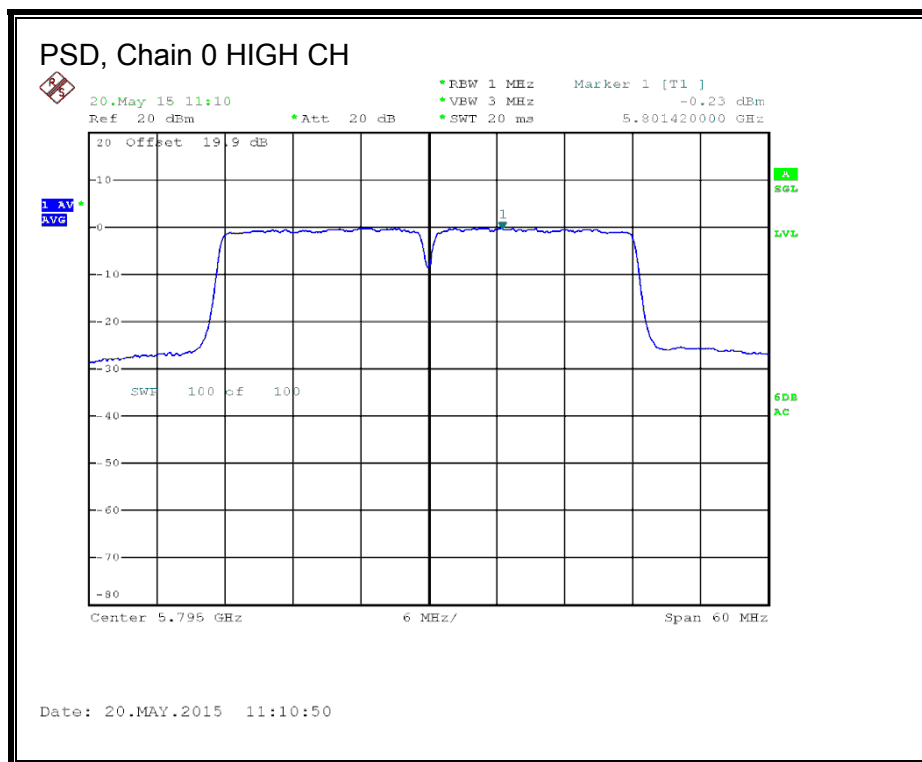
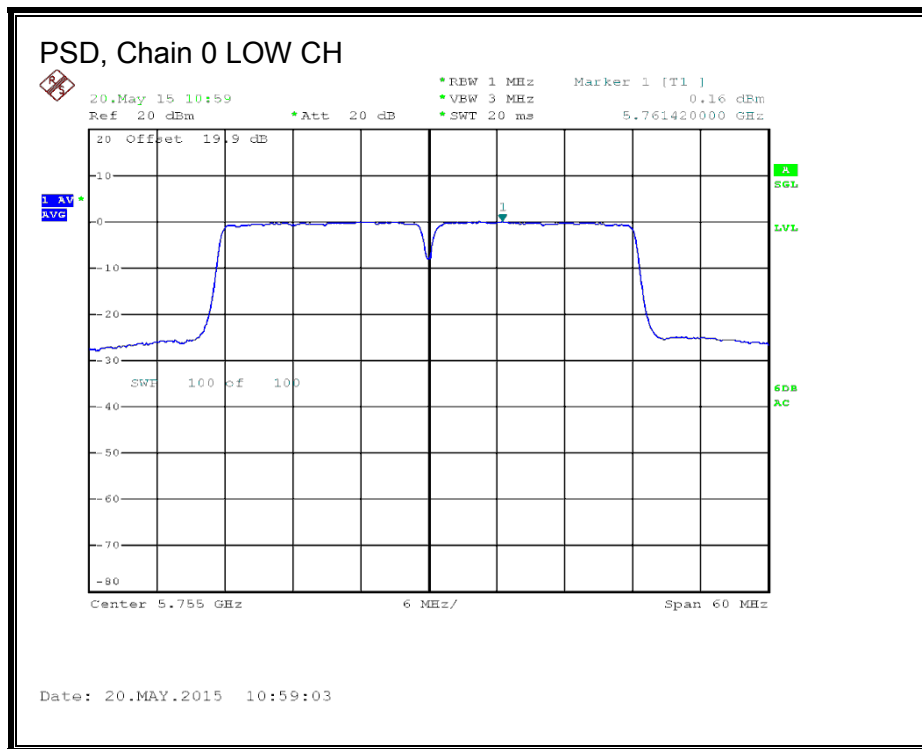
Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Low	5755	7.71	28.29
High	5795	7.71	28.29

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

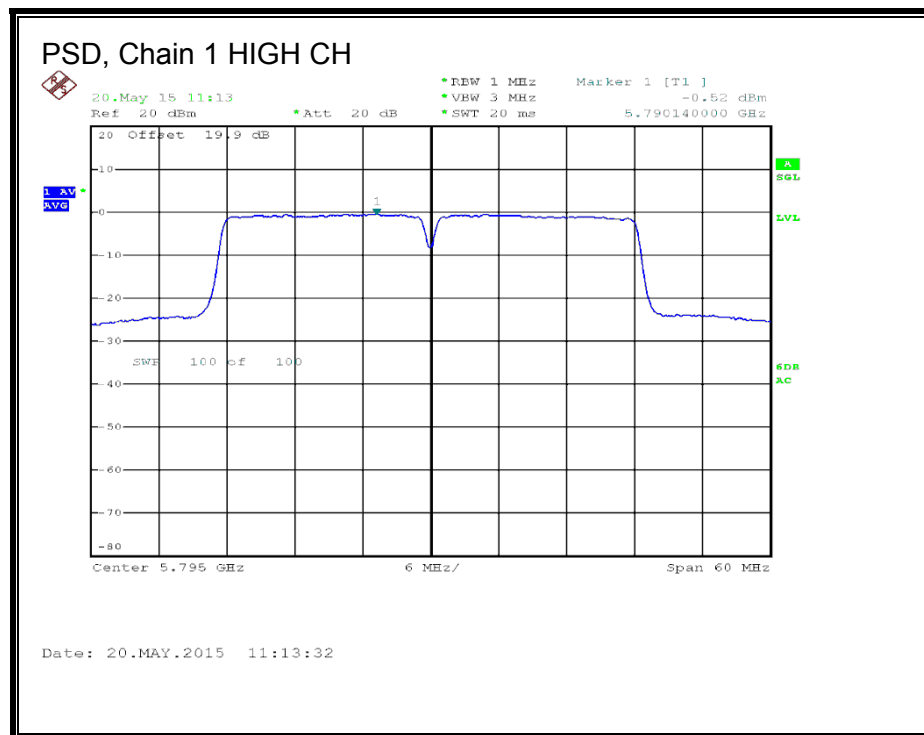
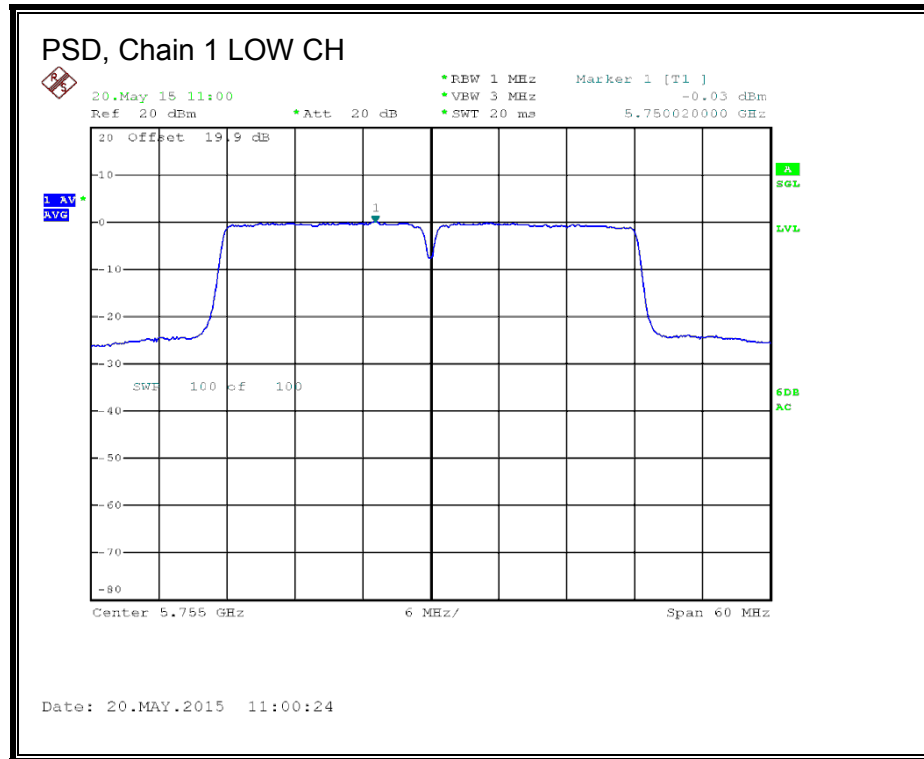
PSD Results

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	0.160	-0.030	3.17	28.29	-25.12
High	5795	-0.230	-0.520	2.73	28.29	-25.56

PSD, Chain 0



PSD, Chain 1



8.42. 802.11n HT40 TxBF 2Tx MODE IN THE 5.8 GHz BAND

8.42.1. 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 equal among the chains. The directional gain is:

Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
4.70	4.70	7.71

RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Low	5755	7.71	28.29
High	5795	7.71	28.29

Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd Power
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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	15.00	14.80	17.91	28.29	-10.38
High	5795	18.91	18.56	21.75	28.29	-6.54

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.

8.42.2. 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)	Correlated Chains Directional Gain (dBi)
4.70	4.70	7.71

RESULTS

Antenna Gain and Limit

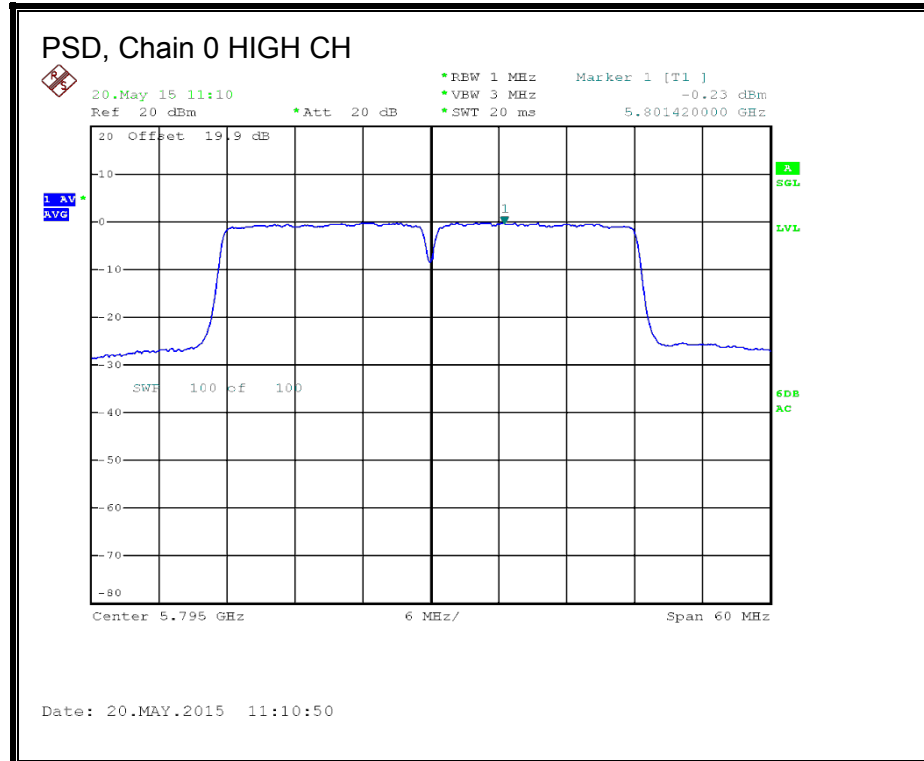
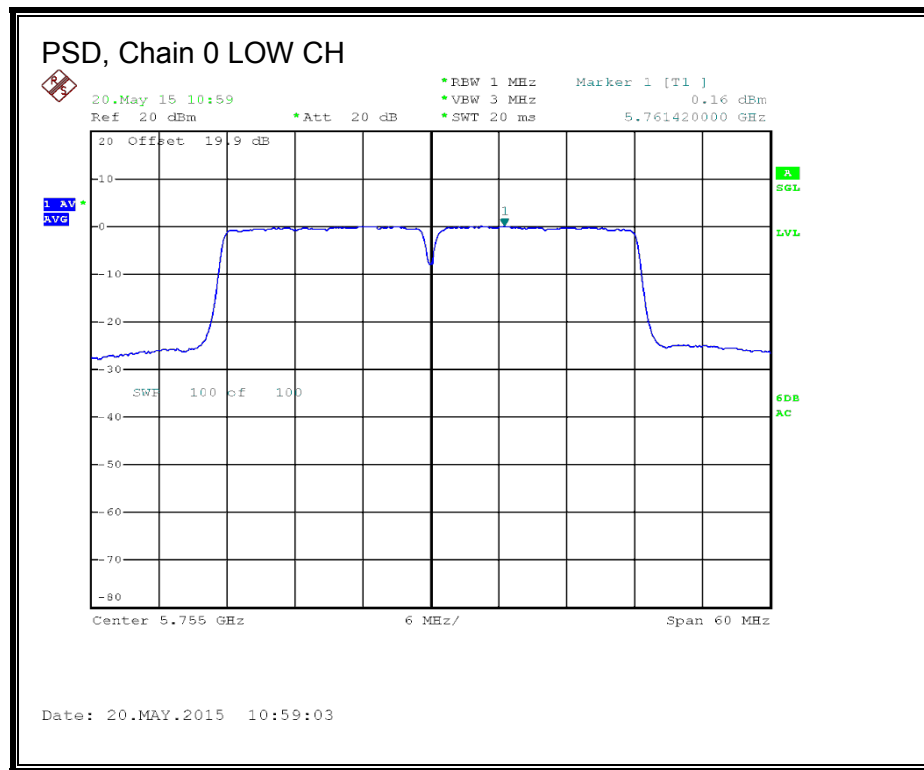
Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Low	5755	7.71	28.29
High	5795	7.71	28.29

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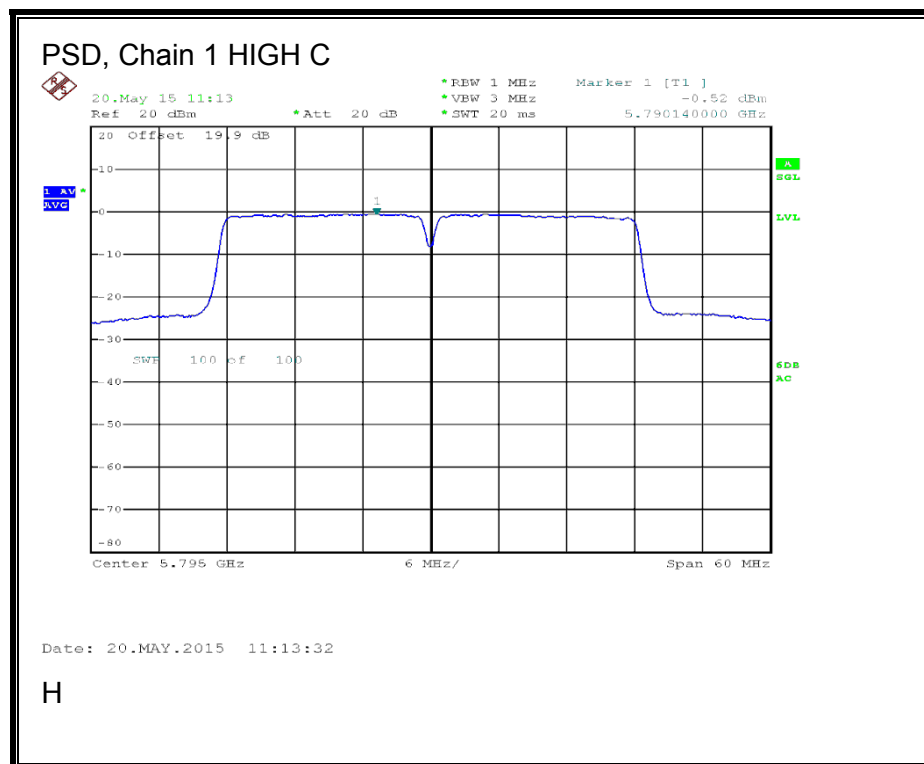
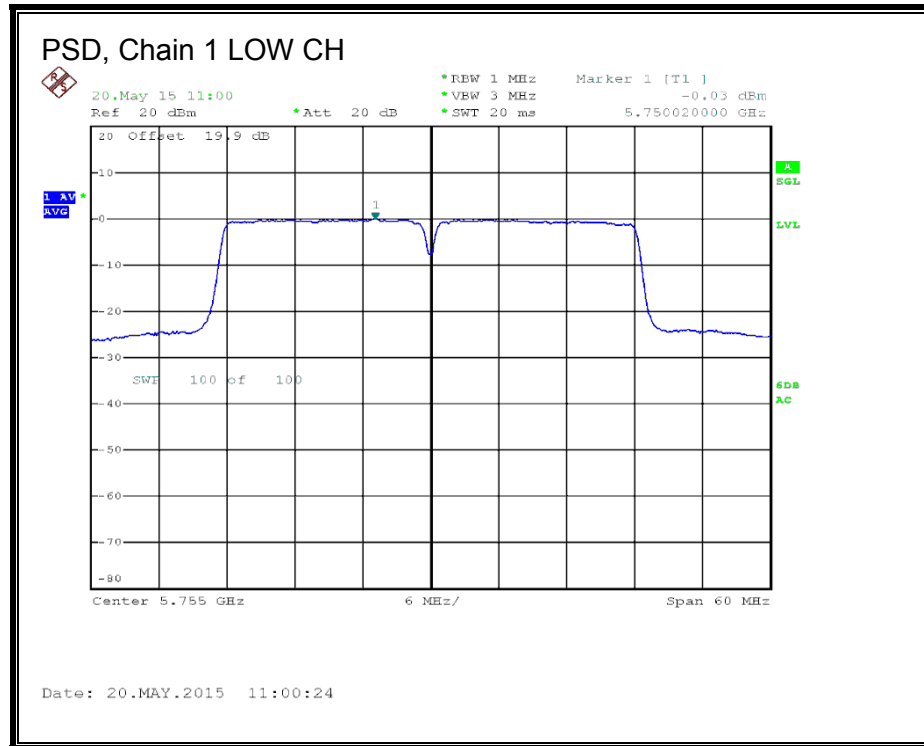
PSD Results

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	0.160	-0.030	3.17	28.29	-25.12
High	5795	-0.230	-0.520	2.73	28.29	-25.56

PSD, Chain 0



PSD, Chain 1



8.43. 802.11ac VHT80 1Tx MODE IN THE 5.8 GHz BAND

8.43.1. 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) = 4.7 dBi

RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Mid	5775	4.70	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	17.13	17.13	30.00	-12.87

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.

8.44. 802.11ac VHT80 CDD 2Tx MODE IN THE 5.8 GHz BAND

8.44.1. 6 dB BANDWIDTH

LIMITS

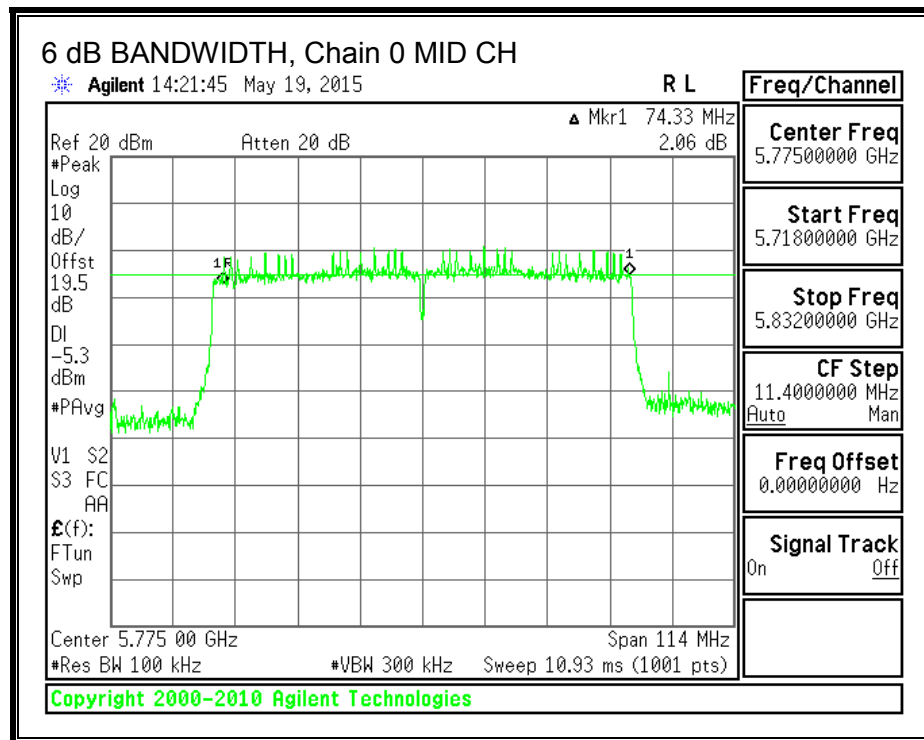
FCC §15.247 (a) (2)

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

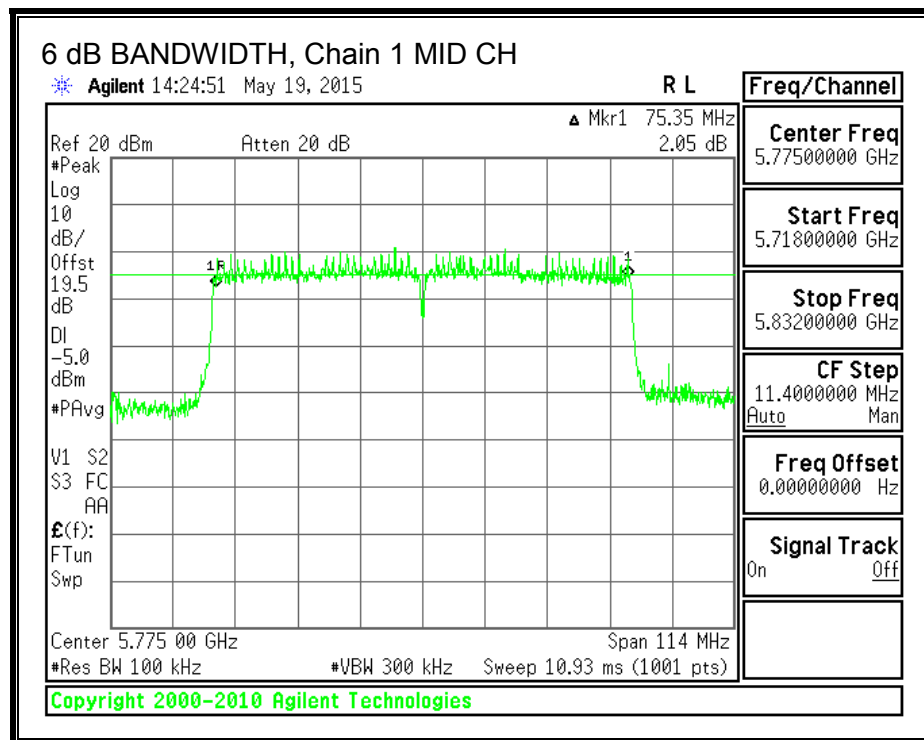
RESULTS

Channel	Frequency (MHz)	6 dB BW Chain 0 (MHz)	6 dB BW Chain 1 (MHz)	Minimum Limit (MHz)
Mid	5775	74.33	75.35	0.5

6 dB BANDWIDTH, Chain 0



6 dB BANDWIDTH, Chain 1



8.44.2. 99% BANDWIDTH

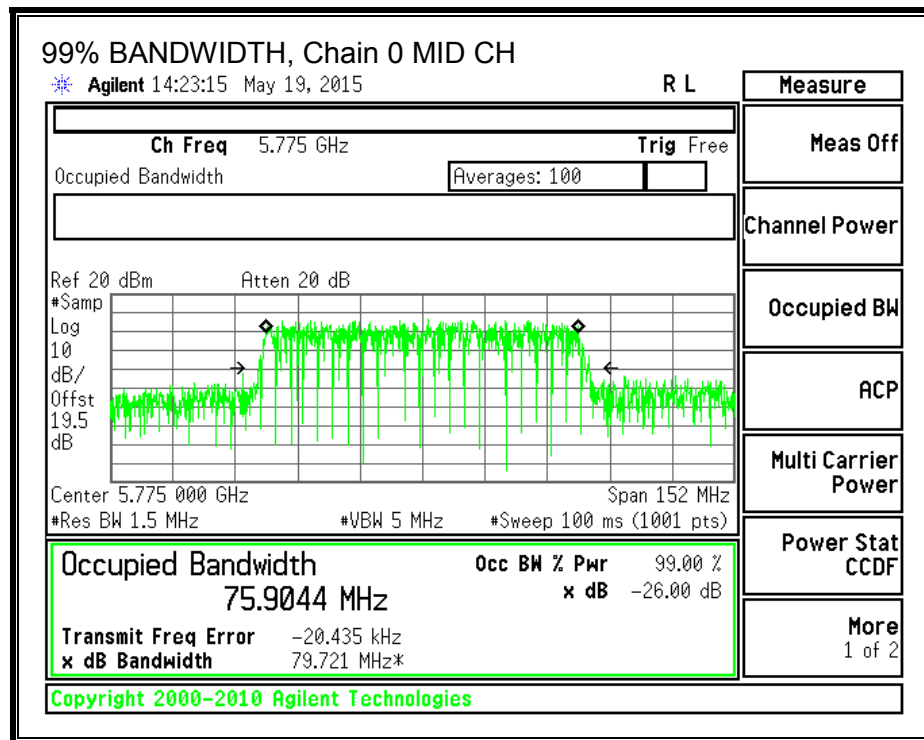
LIMITS

None; for reporting purposes only.

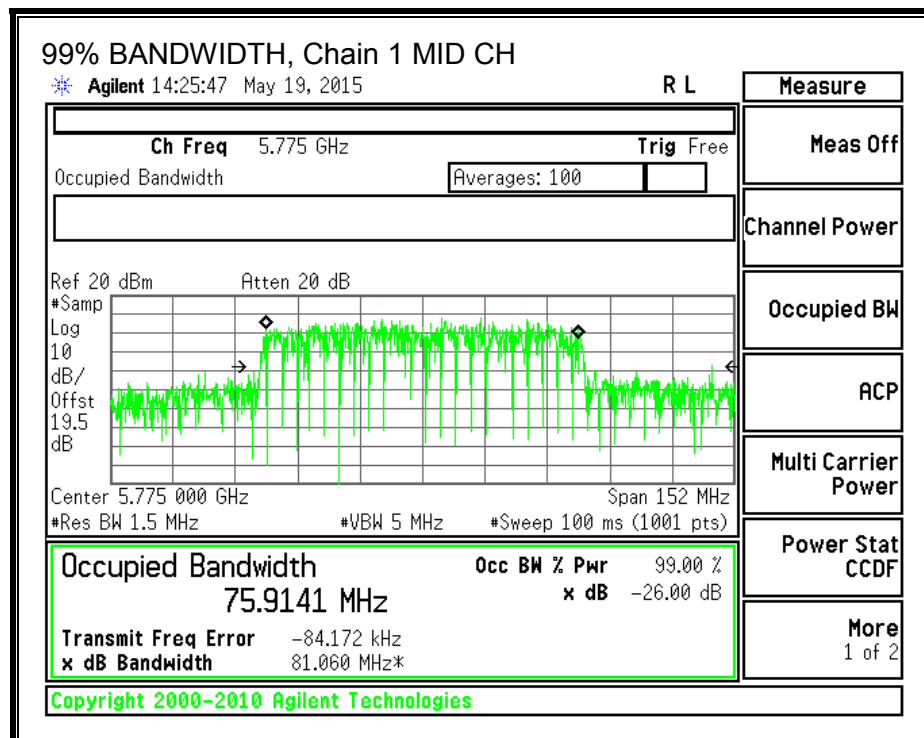
RESULTS

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Mid	5775	75.9044	75.9141

99% BANDWIDTH, Chain 0



99% BANDWIDTH, Chain 1



8.44.3. 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)	Uncorrelated Chains Directional Gain (dBi)
4.70	4.70	4.70

RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Mid	5775	4.70	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	15.72	15.35	18.55	30.00	-11.45

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.

8.44.4. 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)	Correlated Chains Directional Gain (dBi)
4.70	4.70	7.71

RESULTS

Antenna Gain and Limit

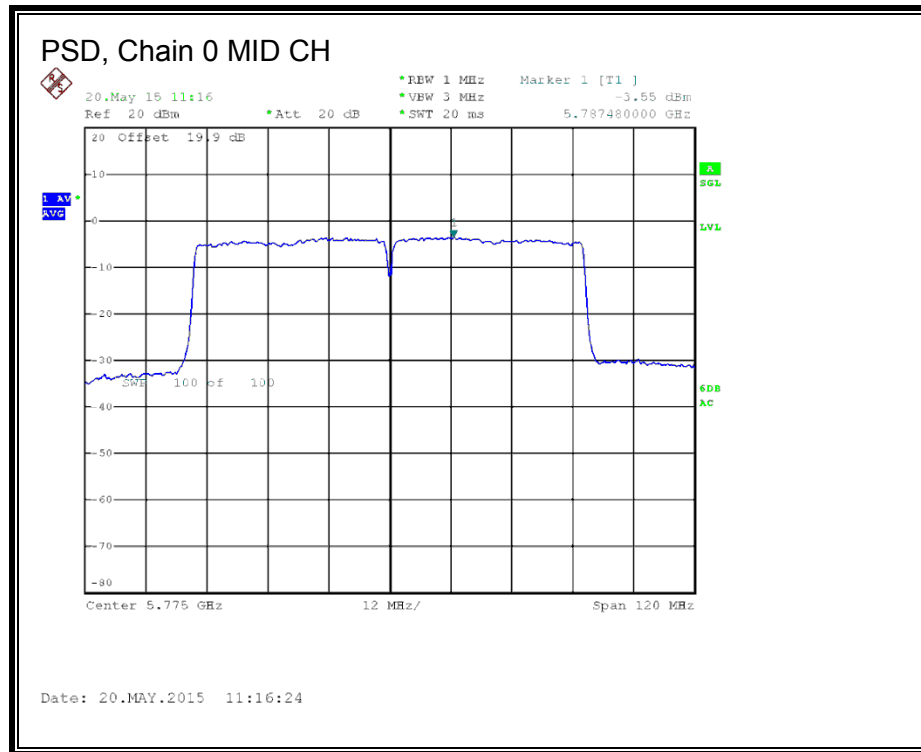
Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Mid	5775	7.71	28.29

Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd PSD
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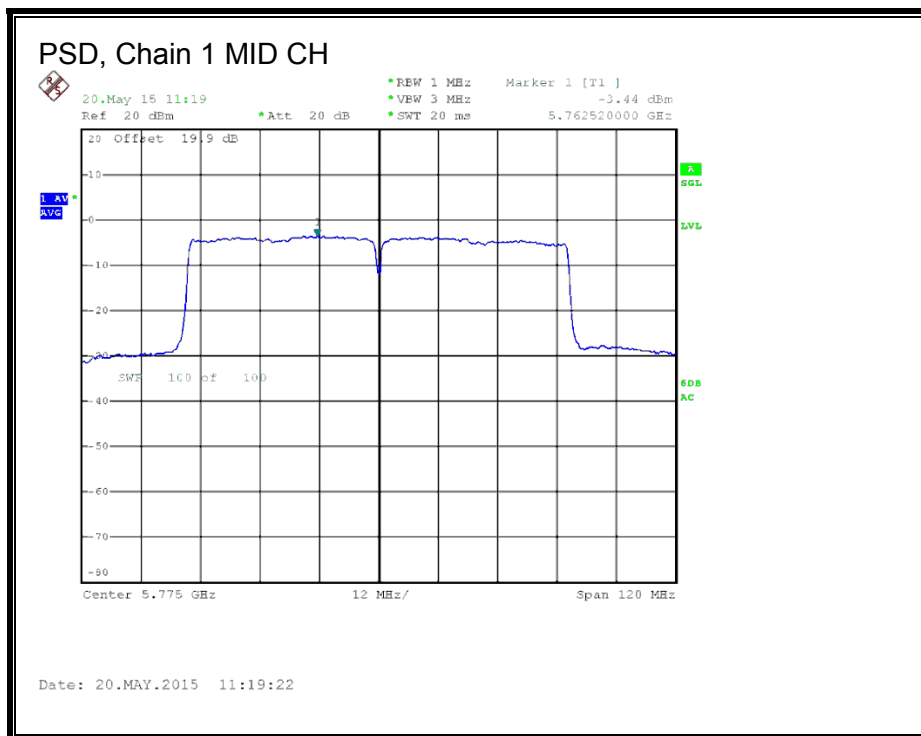
PSD Results

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	-3.55	-3.44	-0.29	28.29	-28.58

PSD, Chain 0



PSD, Chain 1



8.45. 802.11ac VHT80 TxBF 2Tx MODE IN THE 5.8 GHz BAND

8.45.1. 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)	Correlated Chains Directional Gain (dBi)
4.70	4.70	7.71

RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Mid	5775	7.71	28.29

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	14.60	14.40	17.51	28.29	-10.78

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.

8.45.2. 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)	Correlated Chains Directional Gain (dBi)
4.70	4.70	7.71

RESULTS

Antenna Gain and Limit

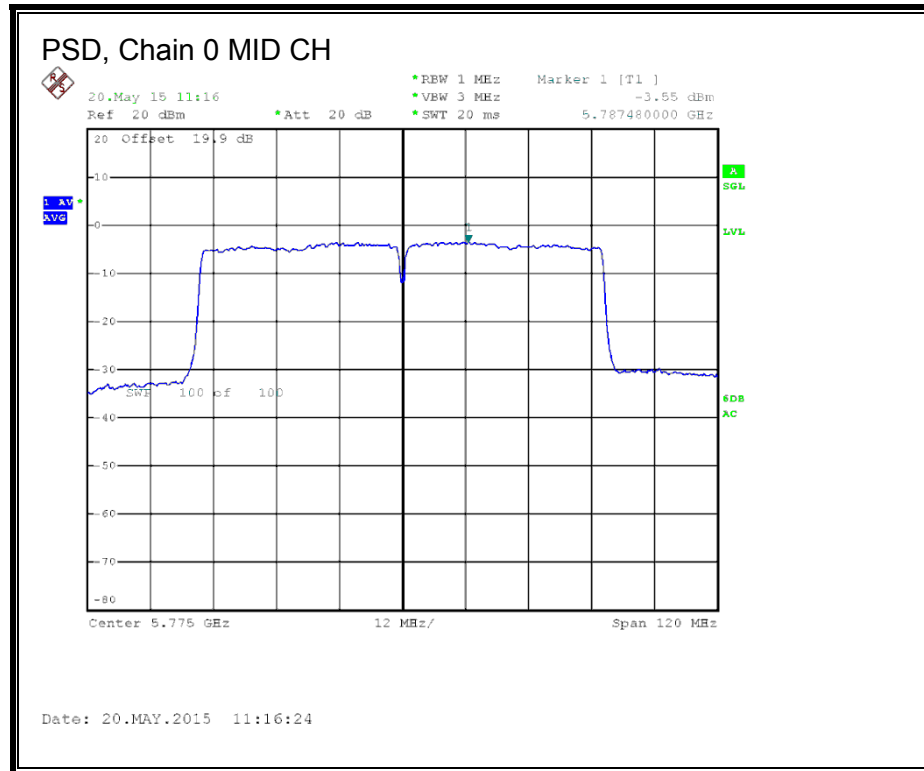
Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Mid	5775	7.71	28.29

Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd PSD
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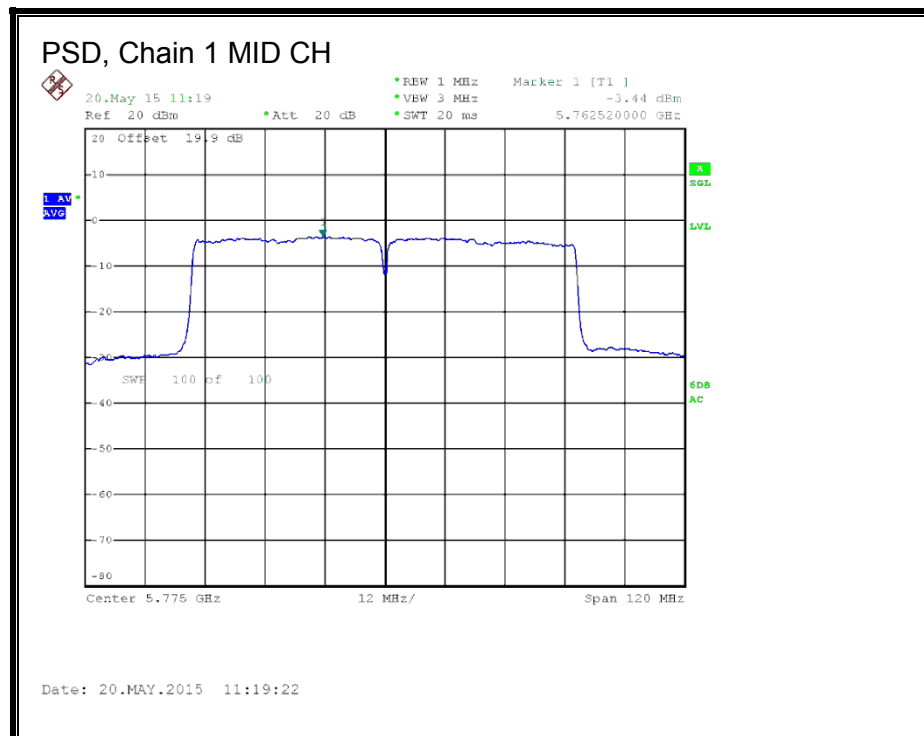
PSD Results

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	-3.55	-3.44	-0.29	28.29	-28.58

PSD, Chain 0



PSD, Chain 1

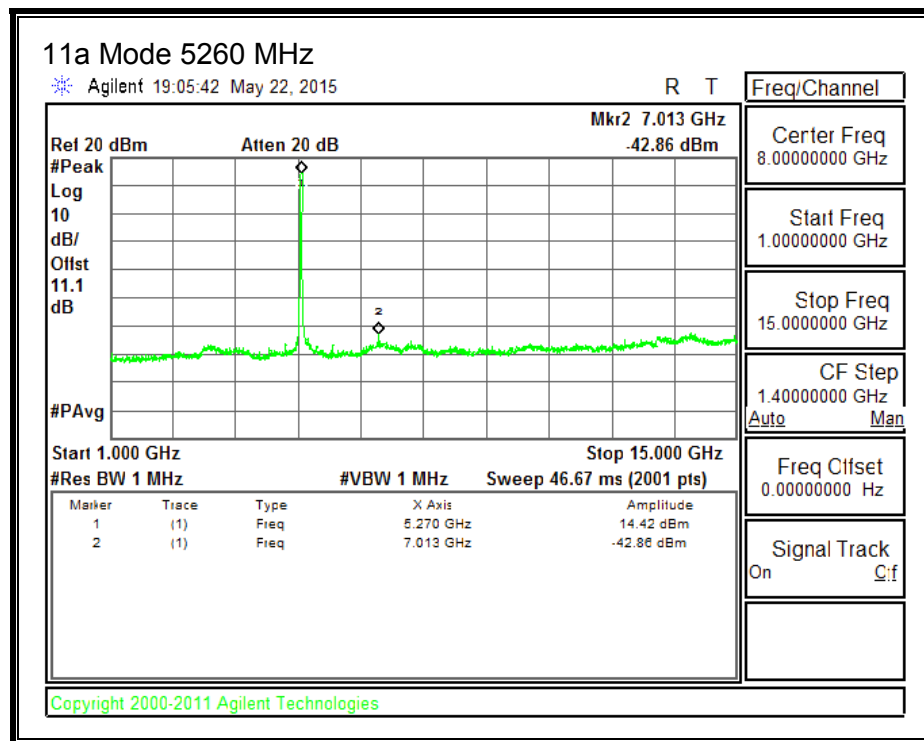
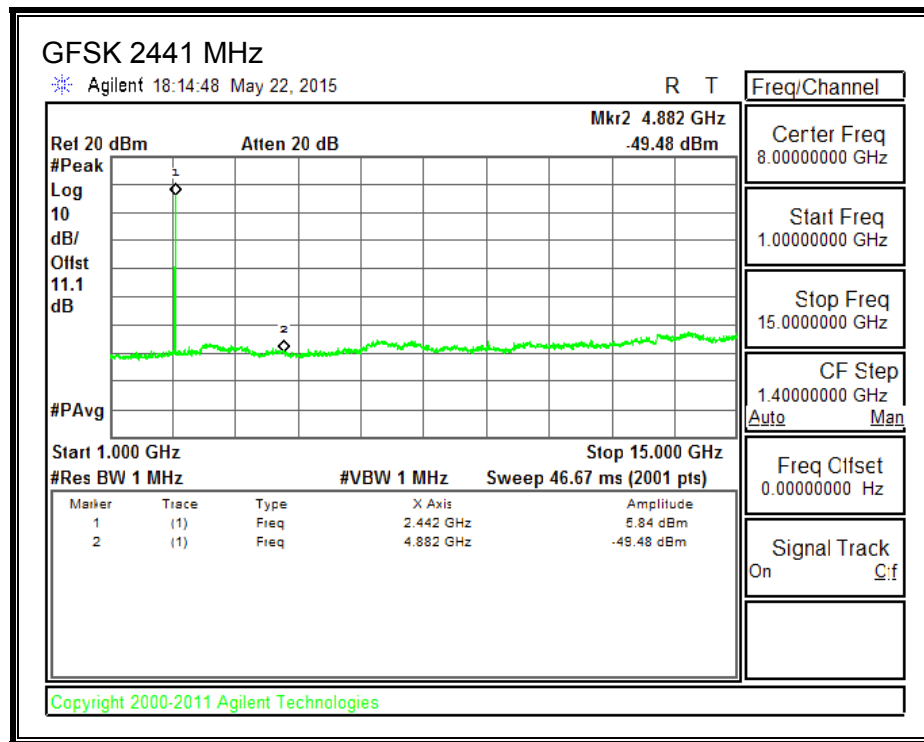


8.46. COLOCATION

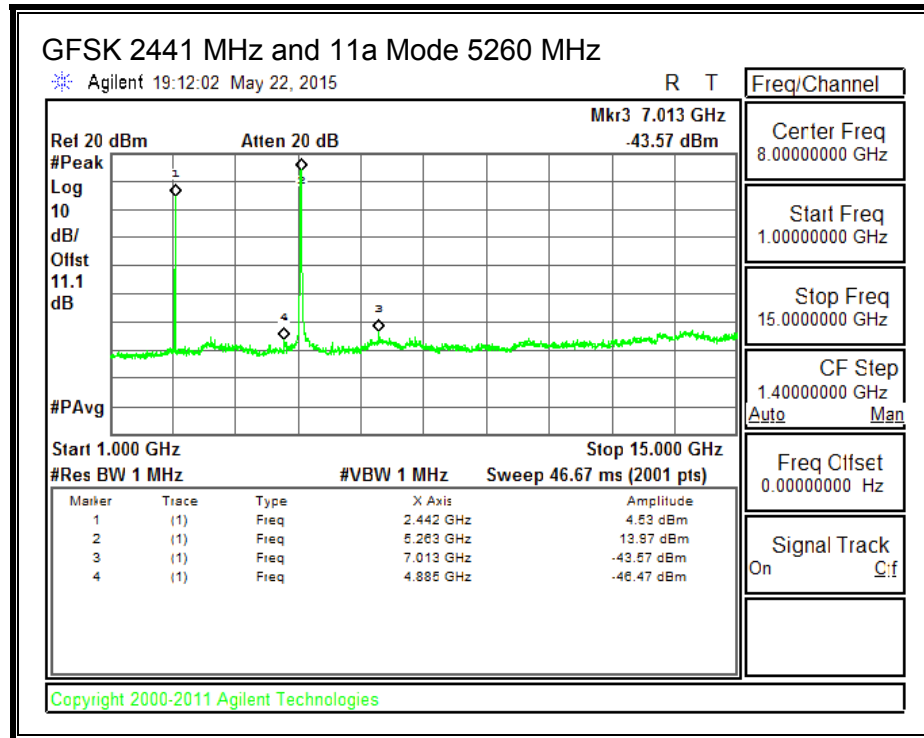
The below table shows potential intermodulation frequencies due to Bluetooth and 5GHz WLAN simultaneous transmission.

Modes	A	B	A + B	A - B	2A + B	A + 2B	A - 2B
GFSK + 11a 5.3 band	2441	5260	7701	2819	10142	12961	8079
GFSK + 11a 5.6 band	2441	5580	8021	3139	10462	13601	8719
GFSK + 11a 5.8 band	2441	5785	8226	3344	10667	14011	9129

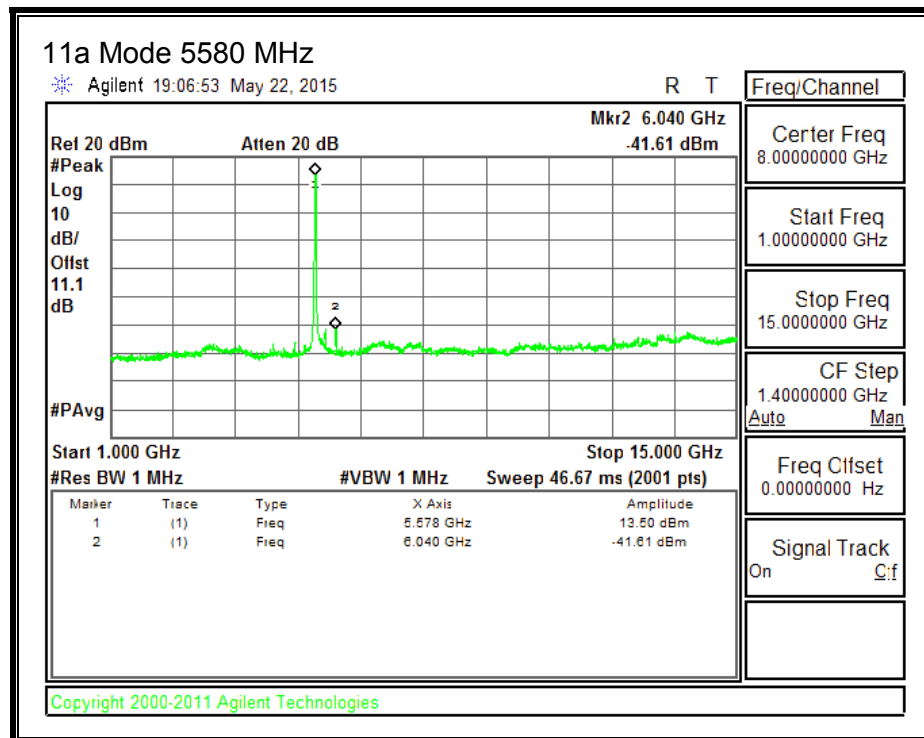
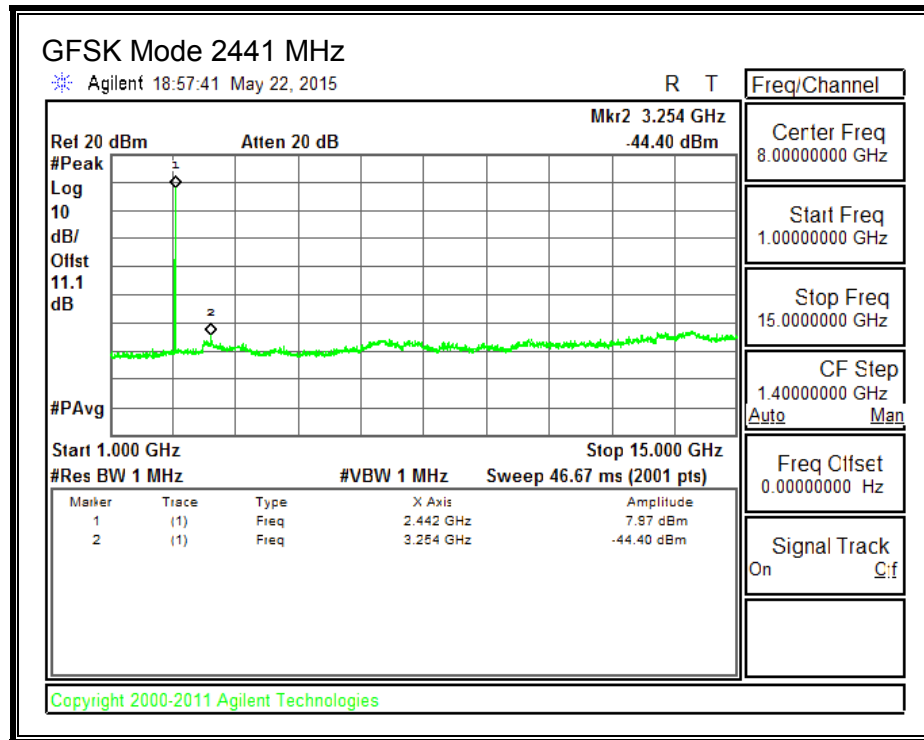
GFSK and 802.11a Mode 5.3 GHz



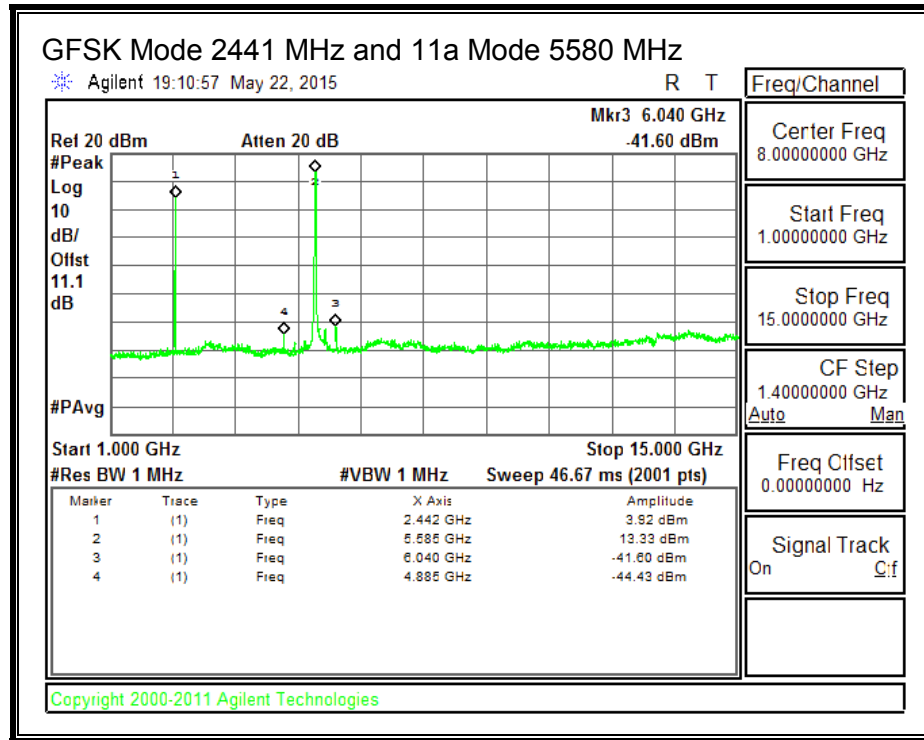
Colocation



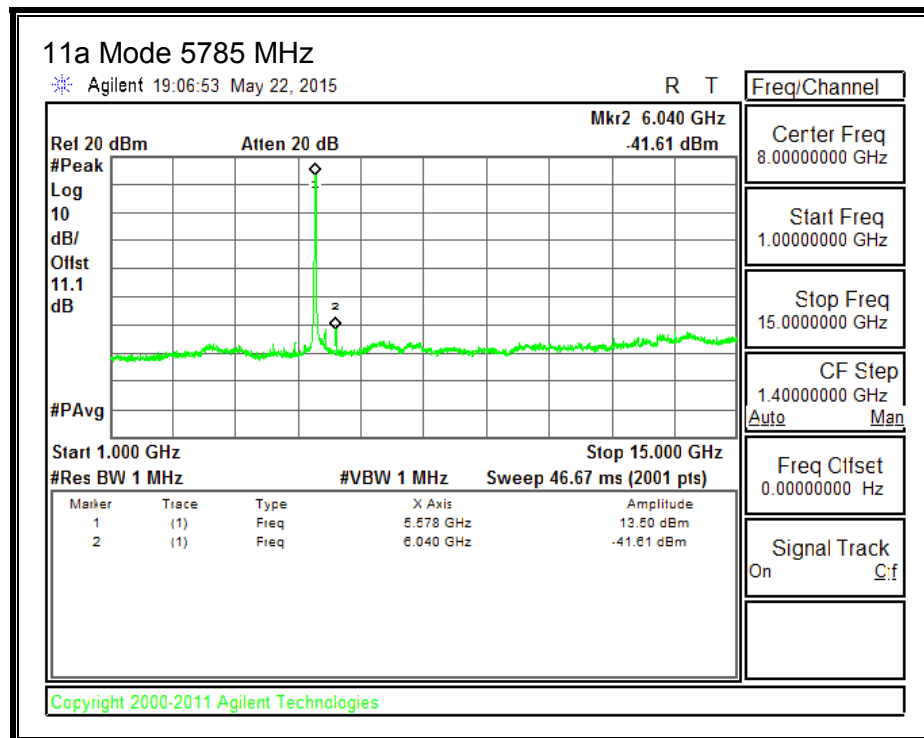
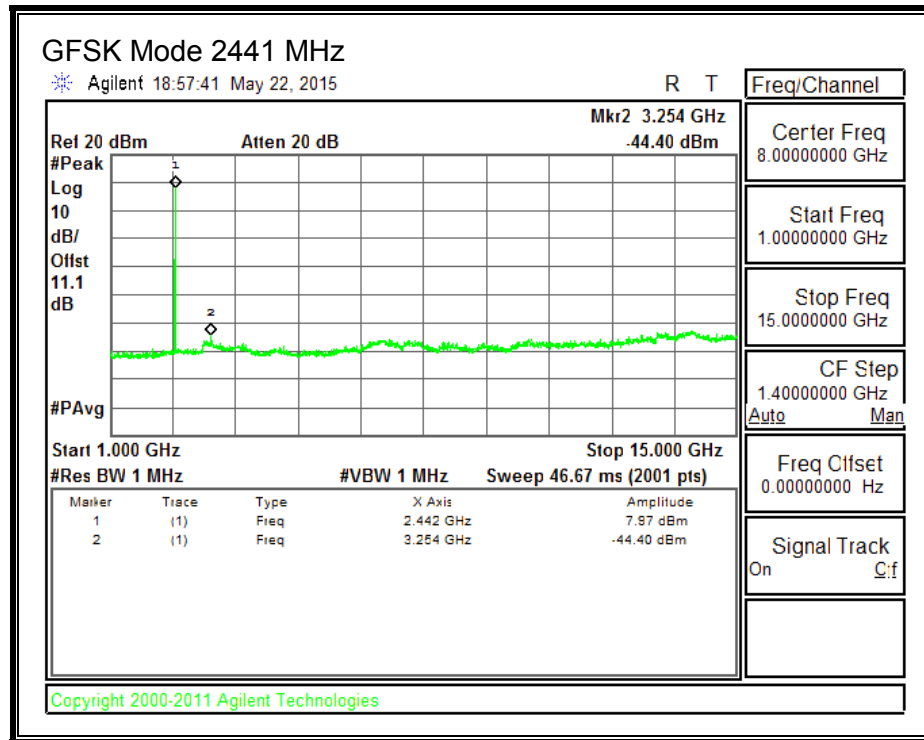
GFSK Mode and 802.11a Mode 5.6 GHz



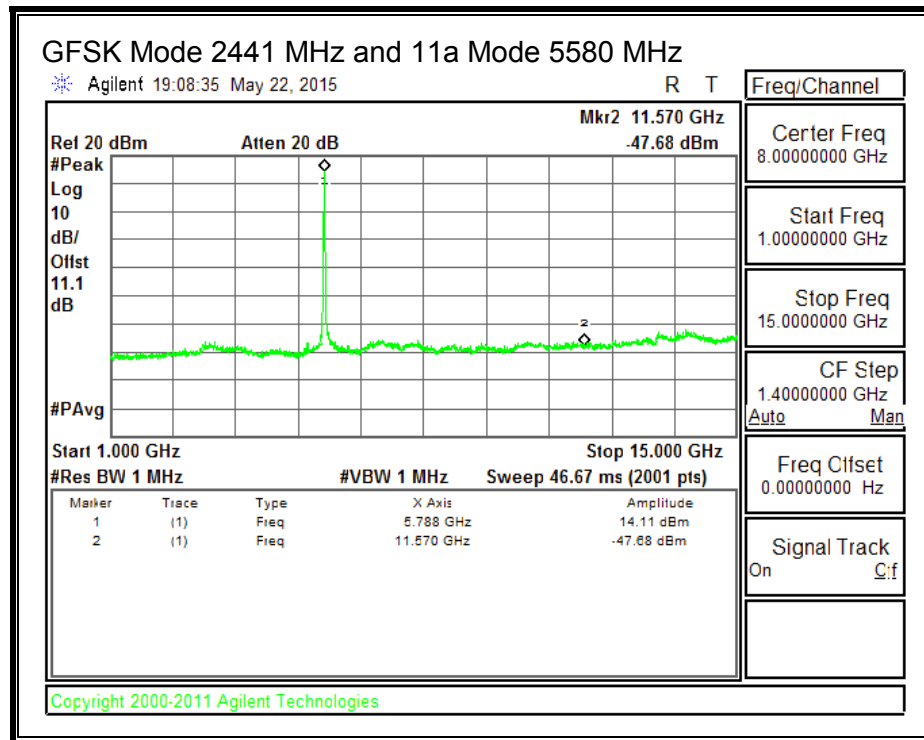
Colocation



GFSK Mode and 11a Mode 5.8 GHz



Colocation



For the co-located test, no other emissions were found after having been investigated from the conducted measurement with all different combination frequencies between BT & 5GHz bands.

9. RADIATED TEST RESULTS

9.1. LIMITS AND PROCEDURE

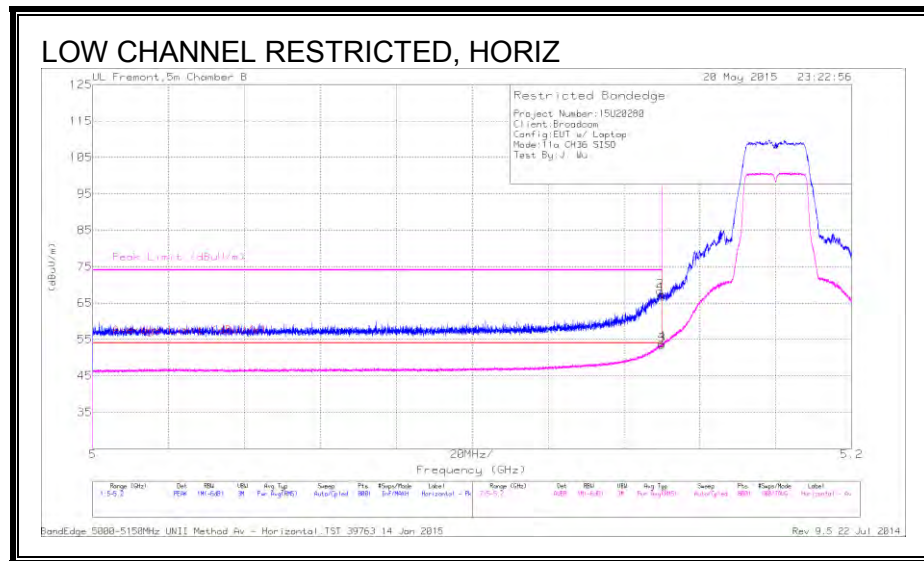
LIMITS

FCC §15.205 and §15.209

Frequency Range (MHz)	Field Strength Limit (μ V/m) at 3 m	Field Strength Limit (dB μ V/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)



Trace Markers

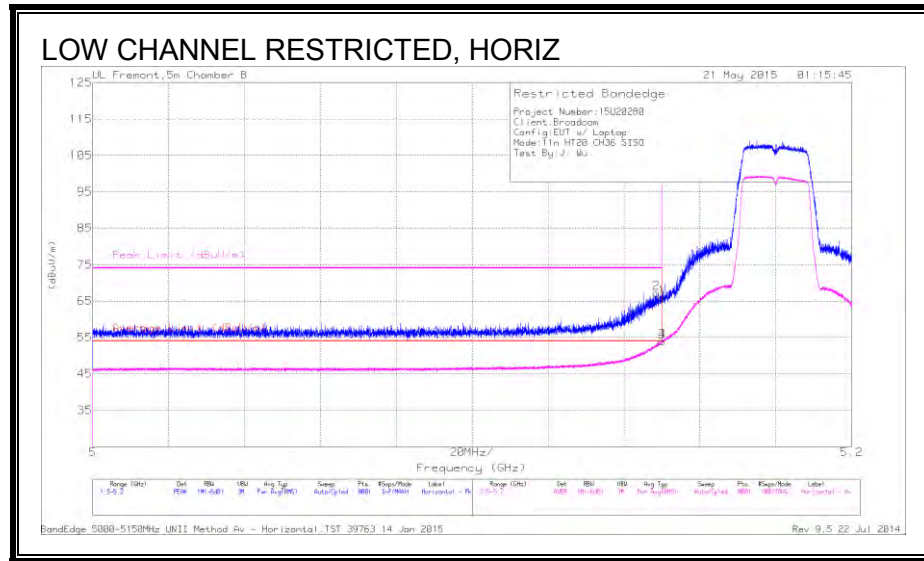
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	25.06	PK	34.1	8.1	0	67.26	-	-	74	-6.74	284	197	H
2	5.15	26.14	PK	34.1	8.1	0	68.34	-	-	74	-5.66	284	197	H
3	5.15	11.17	RMS	34.1	8.1	0	53.37	54	-63	-	-	284	197	H
4	5.15	11.45	RMS	34.1	8.1	0	53.65	54	-35	-	-	284	197	H

* - 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 1TX MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



Trace Markers

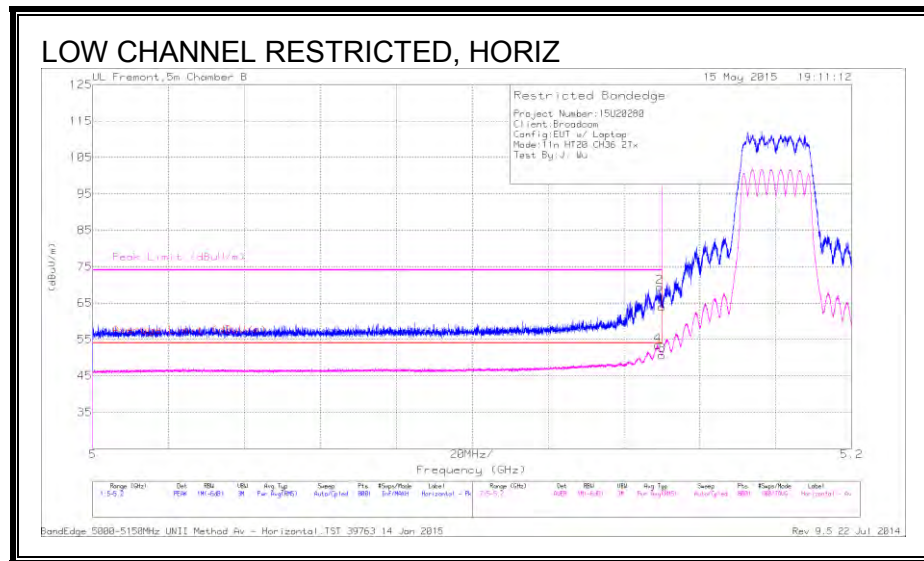
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.149	24.95	PK	34.1	8.1	0	67.15	-	-	74	-6.85	261	388	H
1	5.15	23.73	PK	34.1	8.1	0	65.93	-	-	74	-8.07	261	388	H
3	5.15	11.75	RMS	34.1	8.1	0	53.95	54	-0.05	-	-	261	388	H
4	5.15	11.72	RMS	34.1	8.1	0	53.92	54	-0.08	-	-	261	388	H

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

PK - Peak detector
RMS - RMS detection

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

RESTRICTED BANDEDGE (LOW CHANNEL)



Trace Markers

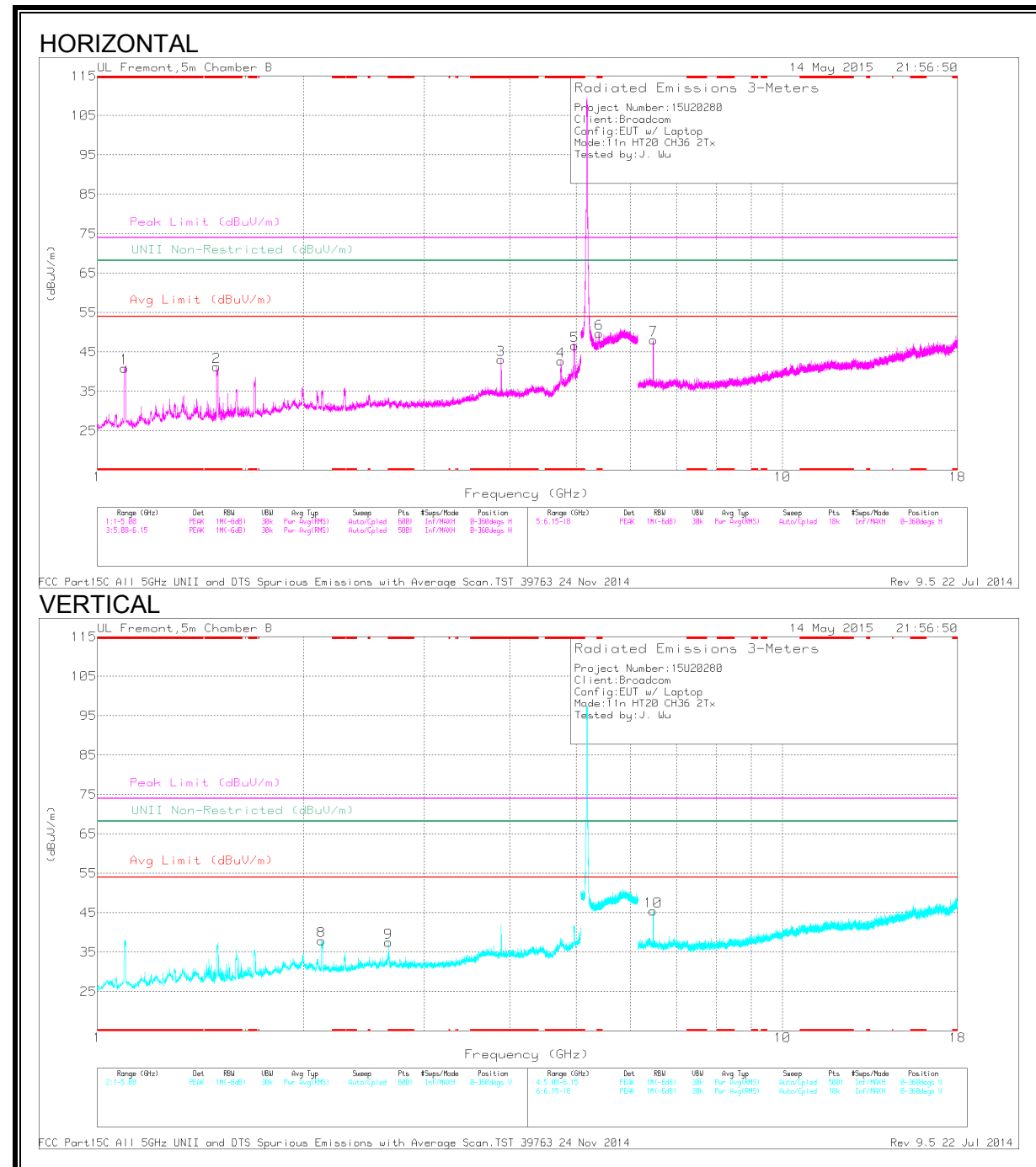
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.149	27.17	PK	34.1	8.1	0	69.37	-	-	74	-4.63	294	184	H
4	5.149	11.19	RMS	34.1	8.1	0	53.39	54	-61	-	-	294	184	H
1	5.15	21.71	PK	34.1	8.1	0	63.91	-	-	74	-10.09	294	184	H
3	5.15	8.43	RMS	34.1	8.1	0	50.63	54	-3.37	-	-	294	184	H

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

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.1	56.46	PK1	27.6	-34	0	50.06	-	-	74	-23.94	-	-	63	251	H
	* 1.098	48.62	AD1	27.6	-34	0	42.22	54	-11.78	-	-	-	-	63	251	H
2	* 1.496	53.33	PK1	28.7	-34.1	0	47.93	-	-	74	-26.07	-	-	138	327	H
	* 1.496	39.28	AD1	28.7	-34.1	0	33.88	54	-20.12	-	-	-	-	138	327	H
3	* 3.885	45.92	PK1	33.5	-31.2	0	48.22	-	-	74	-25.78	-	-	35	256	H
	* 3.885	40.72	AD1	33.5	-31.2	0	43.02	54	-10.98	-	-	-	-	35	256	H
4	* 4.745	45.62	PK1	34.3	-29.6	0	50.32	-	-	74	-23.68	-	-	276	205	H
	* 4.748	35.47	AD1	34.3	-29.6	0	40.17	54	-13.83	-	-	-	-	276	205	H
5	* 4.959	52.16	PK1	34.1	-28.7	0	57.56	-	-	74	-16.44	-	-	283	194	H
	* 4.956	42.59	AD1	34.1	-28.8	0	47.89	54	-6.11	-	-	-	-	283	194	H
9	* 2.657	46.78	PK1	32.7	-31.8	0	47.68	-	-	74	-26.32	-	-	6	235	V
	* 2.656	28.61	AD1	32.7	-31.8	0	29.51	54	-24.49	-	-	-	-	6	235	V
6	* 5.399	42.36	PK1	34.5	-18	0	58.86	-	-	74	-15.14	-	-	289	208	H
	* 5.4	32.57	AD1	34.5	-18	0	49.07	54	-4.93	-	-	-	-	289	208	H
8	2.128	34.71	AD1	31.6	-32.7	0	33.61	-	-	-	-	-	-	284	201	V
	2.132	48.68	PK1	31.6	-32.6	0	47.68	-	-	-	-	68.2	-20.52	284	201	V
7	6.475	49.01	PK1	35.8	-29.2	0	55.61	-	-	-	-	68.2	-12.59	302	161	H
	6.475	45.7	AD1	35.8	-29.2	0	52.3	-	-	-	-	-	-	302	161	H
10	6.475	43.82	PK1	35.8	-29.2	0	50.42	-	-	-	-	68.2	-17.78	182	159	V
	6.475	38.21	AD1	35.8	-29.2	0	44.81	-	-	-	-	-	-	182	159	V

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

** - indicates frequency covered by BE tests

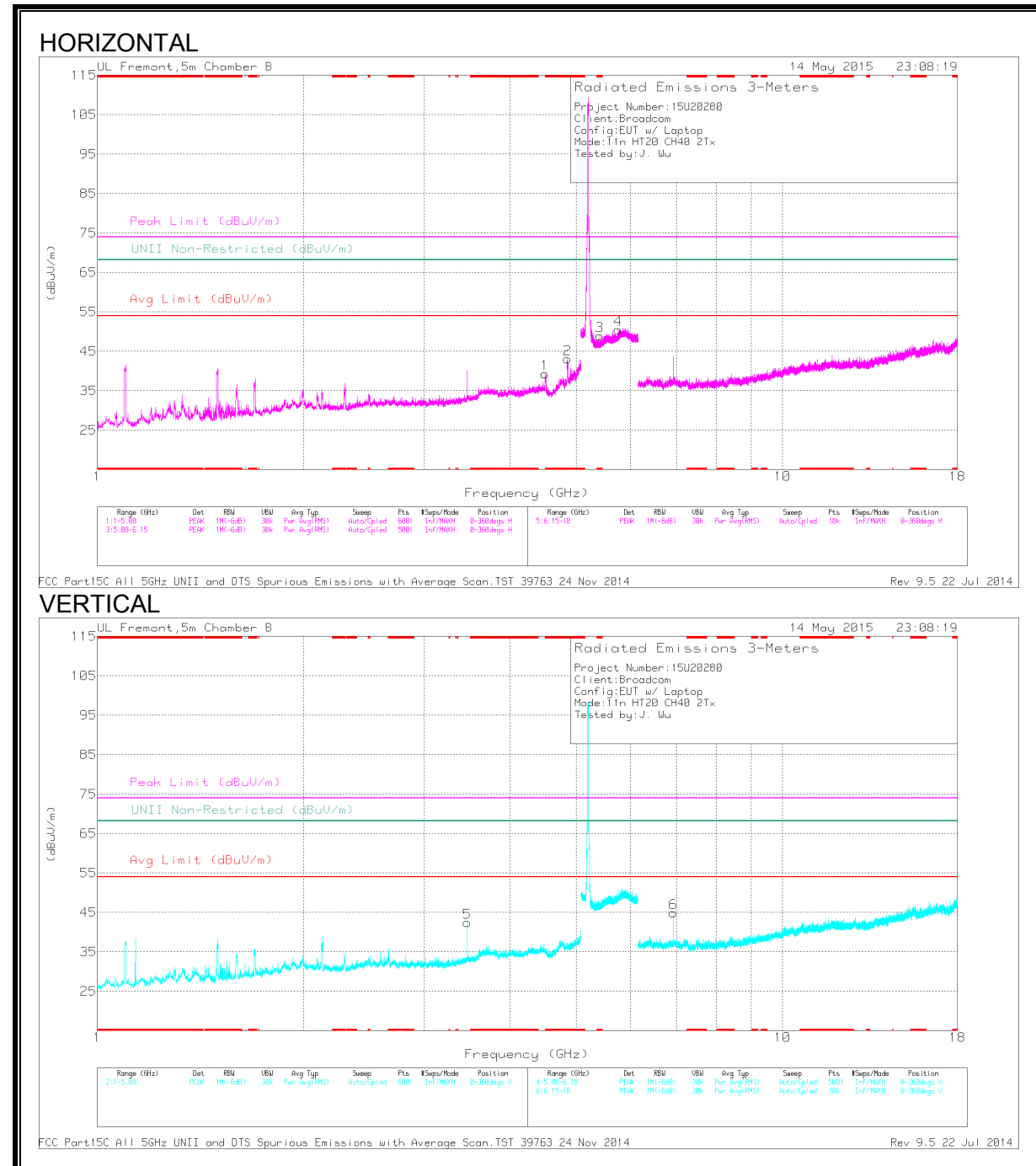
*** - indicates frequency in the authorized band

PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

MID CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.504	42.95	PK1	34	-30.1	0	46.85	-	-	74	-27.15	-	-	279	202	H
	* 4.512	32.52	AD1	34	-30.2	0	36.32	54	-17.68	-	-	-	-	279	202	H
2	* 4.86	46.45	PK1	34.2	-30	0	50.65	-	-	74	-23.35	-	-	301	201	H
	* 4.853	37.34	AD1	34.2	-30	0	41.54	54	-12.46	-	-	-	-	301	201	H
3	* 5.407	39.97	PK1	34.5	-18	0	56.47	-	-	74	-17.53	-	-	287	208	H
	* 5.402	28.74	AD1	34.5	-17.9	0	45.34	54	-8.66	-	-	-	-	287	208	H
5	3.467	45.82	PK1	33.4	-31.1	0	48.12	-	-	-	-	68.2	-20.08	51	266	V
4	5.754	39.98	PK1	35.1	-17.7	0	57.38	-	-	-	-	68.2	-10.82	245	359	H
6	6.934	41.51	PK1	36.1	-27.2	0	50.41	-	-	-	-	68.2	-17.79	278	246	V

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

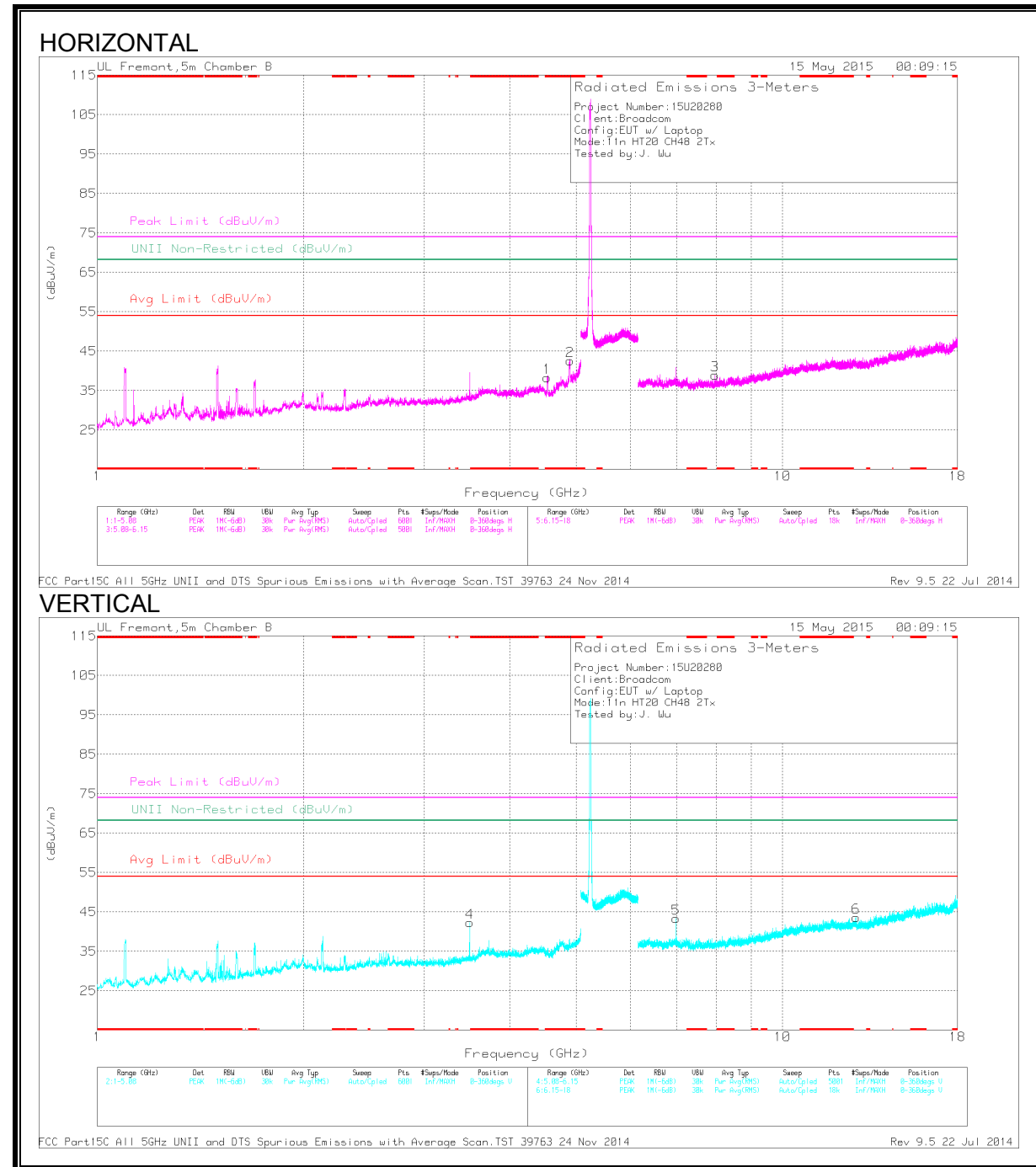
** - indicates frequency in the authorized band

PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

HIGH CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.534	44.04	PK1	34	-30.5	0	47.54	-	-	74	-26.46	-	-	282	201	H
	* 4.542	34	AD1	34	-30.5	0	37.5	54	-16.5	-	-	-	-	282	201	H
2	* 4.884	46.86	PK1	34.2	-29.7	0	51.36	-	-	74	-22.64	-	-	296	198	H
	* 4.891	37.62	AD1	34.2	-29.6	0	42.22	54	-11.78	-	-	-	-	296	198	H
4	3.493	45.27	PK1	33.5	-31.2	0	47.57	-	-	-	-	68.2	-20.63	51	263	V
5	6.987	40.66	PK1	36	-27.1	0	49.56	-	-	-	-	68.2	-18.64	279	198	V
3	7.97	37.1	PK1	35.6	-26.6	0	46.1	-	-	-	-	68.2	-22.1	124	293	H
6	12.803	33.32	PK1	38.8	-22.2	0	49.92	-	-	-	-	68.2	-18.28	171	113	V

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

** - indicates frequency in authorized band

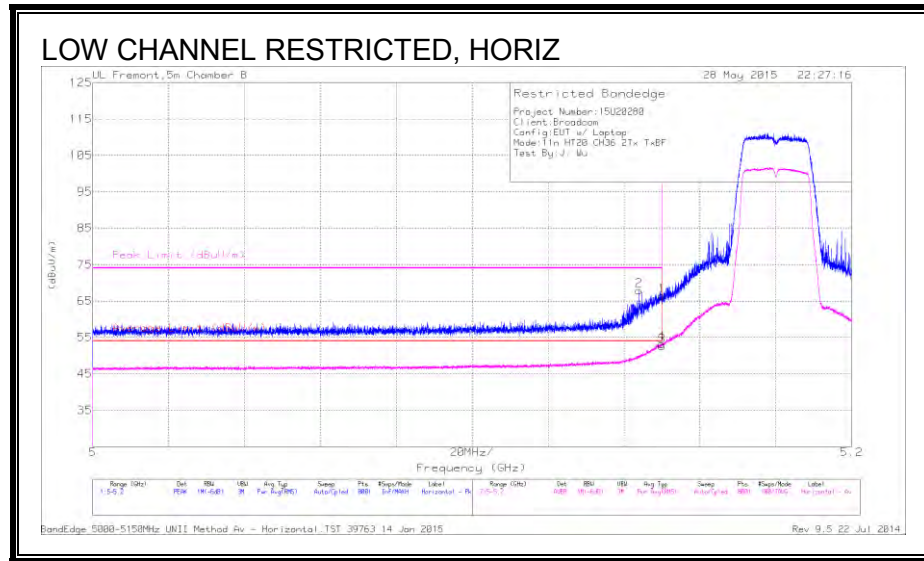
PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

9.5. TX ABOVE 1 GHz 802.11ac HT20 TxBF 2TX MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



Trace Markers

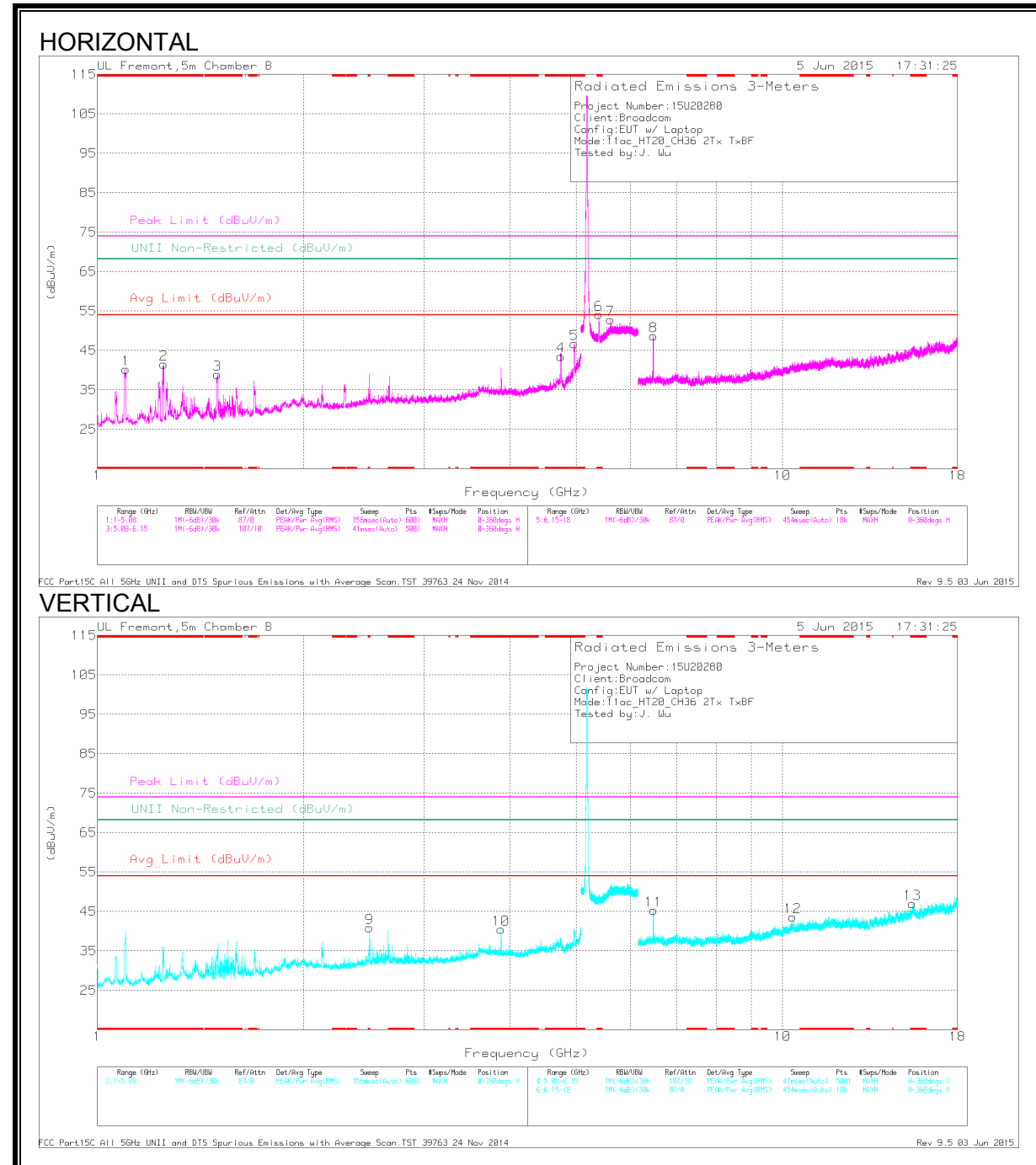
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.144	25.67	PK	34.1	8.2	0	67.97	-	-	74	-6.03	59	234	H
1	5.15	24.24	PK	34.1	8.1	0	66.44	-	-	74	-7.56	59	234	H
3	5.15	10.5	RMS	34.1	8.1	.2	52.9	54	-1.1	-	-	59	234	H
4	5.15	11.01	RMS	34.1	8.1	.2	53.41	54	-.59	-	-	59	234	H

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

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



Trace Markers

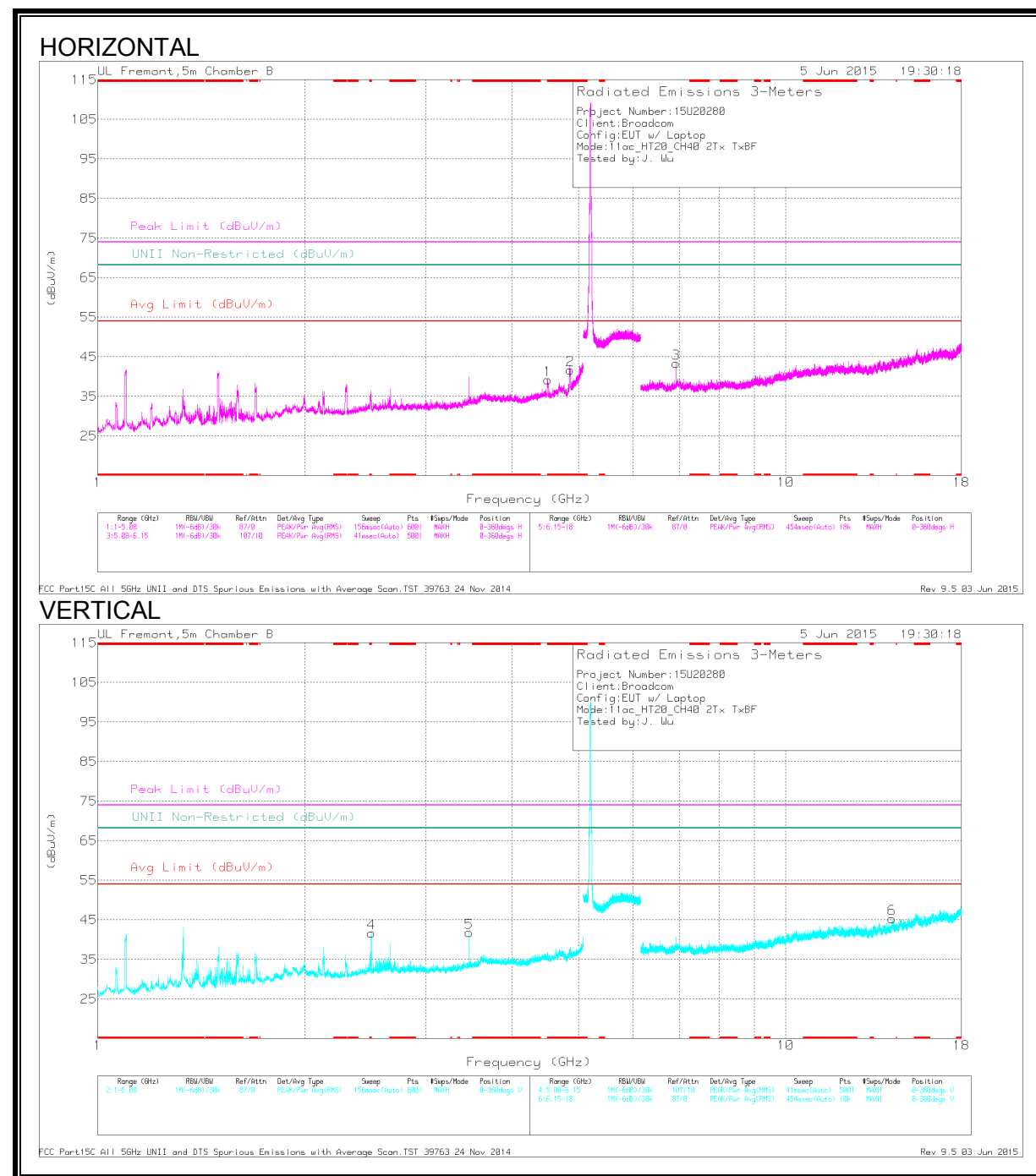
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.097	53.65	PK3	27.6	-34	0	47.25	-	-	74	-26.75	-	-	320	124	H
* 1.098	37.18	ADR	27.6	-34	.2	30.98	54	-23.02	-	-	-	-	320	124	H
* 1.25	56.13	PK3	29	-34.2	0	50.93	-	-	74	-23.07	-	-	26	303	H
* 1.248	33.93	ADR	28.9	-34.2	.2	28.83	54	-25.17	-	-	-	-	26	303	H
* 1.493	55.31	PK3	28.7	-34.1	0	49.91	-	-	74	-24.09	-	-	183	143	H
* 1.497	35	ADR	28.7	-34.1	.2	29.8	54	-24.2	-	-	-	-	183	143	H
* 4.749	49.58	PK3	34.3	-29.6	0	54.28	-	-	74	-19.72	-	-	283	165	H
* 4.745	38.43	ADR	34.3	-29.6	.2	43.33	54	-10.67	-	-	-	-	283	165	H
* 4.958	50.26	PK3	34.1	-28.7	0	55.66	-	-	74	-18.34	-	-	272	206	H
* 4.959	38.51	ADR	34.1	-28.7	.2	44.11	54	-9.89	-	-	-	-	272	206	H
* 2.496	52.72	PK3	32.5	-32	0	53.22	-	-	74	-20.78	-	-	186	243	V
* 2.495	30.34	ADR	32.5	-32	.2	31.04	54	-22.96	-	-	-	-	186	243	V
* 3.885	44.36	PK3	33.5	-31.2	0	46.66	-	-	74	-27.34	-	-	350	260	V
* 3.885	37.41	ADR	33.5	-31.2	.2	39.91	54	-14.09	-	-	-	-	350	260	V
* 5.392	46.03	PK3	34.5	-17.9	0	62.63	-	-	74	-11.37	-	-	288	186	H
* 5.388	35.41	ADR	34.5	-17.9	.2	52.21	54	-1.79	-	-	-	-	288	186	H
* 15.478	34.46	PK3	40.9	-21.1	0	54.26	-	-	74	-19.74	-	-	18	118	V
* 15.478	22.65	ADR	40.9	-21.1	.2	42.65	54	-11.35	-	-	-	-	18	118	V
5.613	45.02	PK3	34.7	-18	0	61.72	-	-	74	-12.28	68.2	-6.48	274	178	H
6.475	48.02	PK3	35.8	-29.2	0	54.62	-	-	74	-19.38	68.2	-13.58	304	309	H
6.475	46.8	PK3	35.8	-29.2	0	53.4	-	-	74	-20.6	68.2	-14.8	349	250	V
10.359	35.19	PK3	37.4	-22.8	0	49.79	-	-	74	-24.21	68.2	-18.41	147	169	V

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

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL



Trace Markers

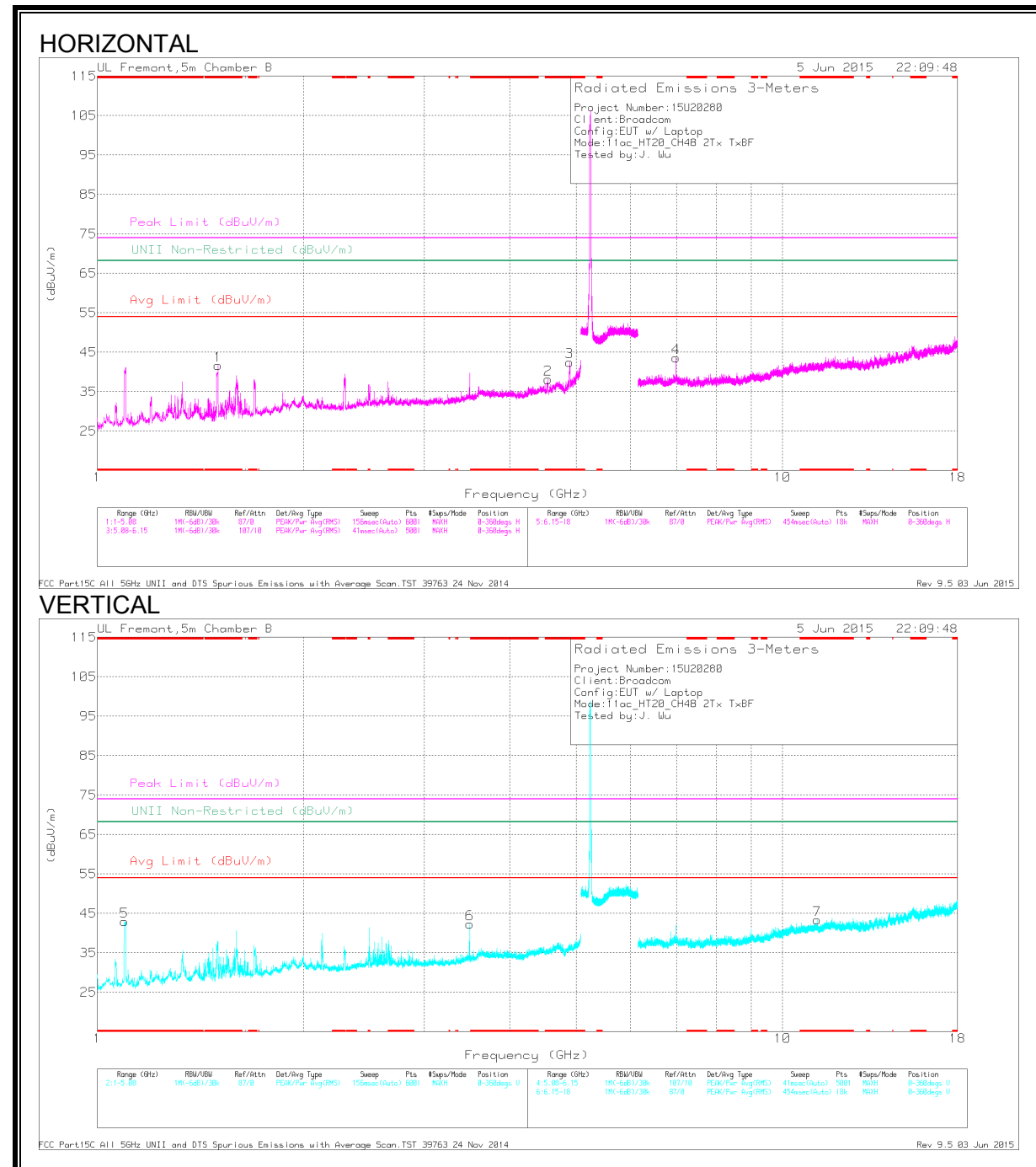
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.51	45.93	PK3	34	-30.1	0	49.83	-	-	74	-24.17	-	-	269	219	H
	* 4.512	35.26	ADR	34	-30.2	.2	39.26	54	-14.74	-	-	-	-	269	219	H
2	* 4.854	45.24	PK3	34.2	-30	0	49.44	-	-	74	-24.56	-	-	269	216	H
	* 4.853	36.12	ADR	34.2	-30	.2	40.52	54	-13.48	-	-	-	-	269	216	H
4	* 2.494	53.14	PK3	32.5	-32	0	53.64	-	-	74	-20.36	-	-	193	195	V
	* 2.497	30.37	ADR	32.5	-32	.2	31.07	54	-22.93	-	-	-	-	193	195	V
5	3.467	45.89	PK3	33.4	-31.1	0	48.19	-	-	-	-	68.2	-20.01	300	195	V
3	6.933	41.21	PK3	36.1	-27.2	0	50.11	-	-	-	-	68.2	-18.09	304	146	H
6	14.279	34.33	PK3	39.4	-21.6	0	52.13	-	-	-	-	68.2	-16.07	76	267	V

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

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.495	55.18	PK3	28.7	-34.1	0	49.78	-	-	74	-24.22	-	-	14	217	H
	* 1.497	42.4	ADR	28.7	-34.1	.2	37.2	54	-16.8	-	-	-	-	14	217	H
2	* 4.547	45.58	PK3	34	-30.5	0	49.08	-	-	74	-24.92	-	-	284	214	H
	* 4.549	35.16	ADR	34	-30.5	.2	38.86	54	-15.14	-	-	-	-	284	214	H
3	* 4.891	46.35	PK3	34.2	-29.6	0	50.95	-	-	74	-23.05	-	-	276	193	H
	* 4.891	36.82	ADR	34.2	-29.6	.2	41.62	54	-12.38	-	-	-	-	276	193	H
5	* 1.098	56.26	PK3	27.6	-34	0	49.86	-	-	74	-24.14	-	-	293	354	V
	* 1.097	47.37	ADR	27.6	-34	.2	41.17	54	-12.83	-	-	-	-	293	354	V
7	* 11.233	34.07	PK3	37.9	-21.9	0	50.07	-	-	74	-23.93	-	-	140	212	V
	* 11.23	22.45	ADR	37.9	-21.9	.2	38.65	54	-15.35	-	-	-	-	140	212	V
6	3.493	45.48	PK3	33.5	-31.2	0	47.78	-	-	-	-	68.2	-20.42	300	187	V
4	6.987	41.41	PK3	36	-27.1	0	50.31	-	-	-	-	68.2	-17.89	303	174	H

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

** - indicates frequency in the authorized band

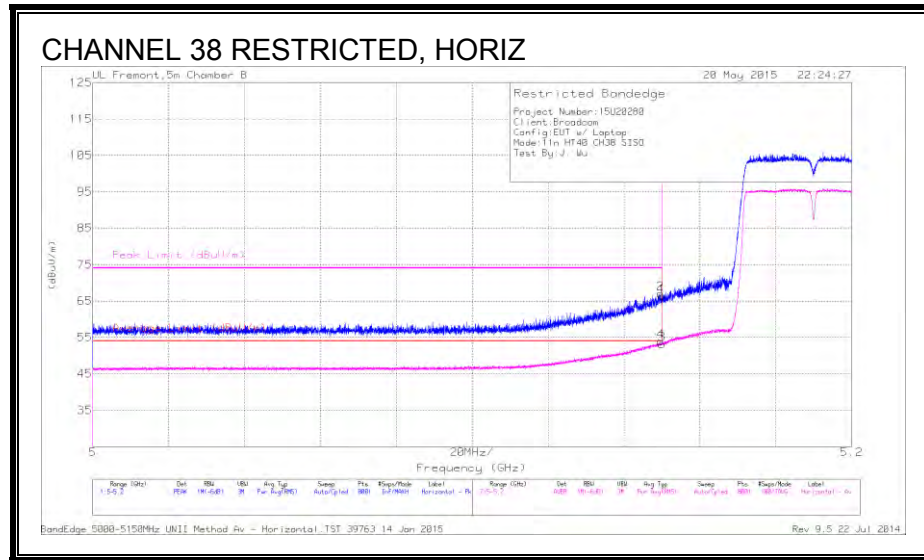
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

RESTRICTED BANDEDGE (CHANNEL 38)



Trace Markers

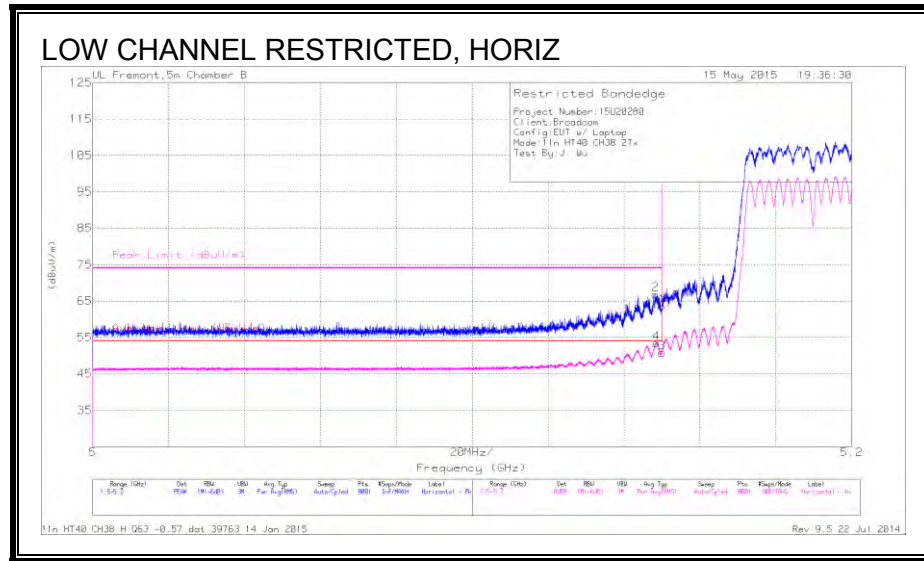
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	24.14	PK	34.1	8.1	0	66.34	-	-	74	-7.66	280	182	H
2	5.15	24.82	PK	34.1	8.1	0	67.02	-	-	74	-6.98	280	182	H
3	5.15	10.86	RMS	34.1	8.1	.09	53.15	54	-.85	-	-	280	182	H
4	5.15	11.55	RMS	34.1	8.1	.09	53.84	54	-.16	-	-	280	182	H

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

PK - Peak detector
RMS - RMS detection

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

RESTRICTED BANDEDGE (LOW CHANNEL)



Trace Markers

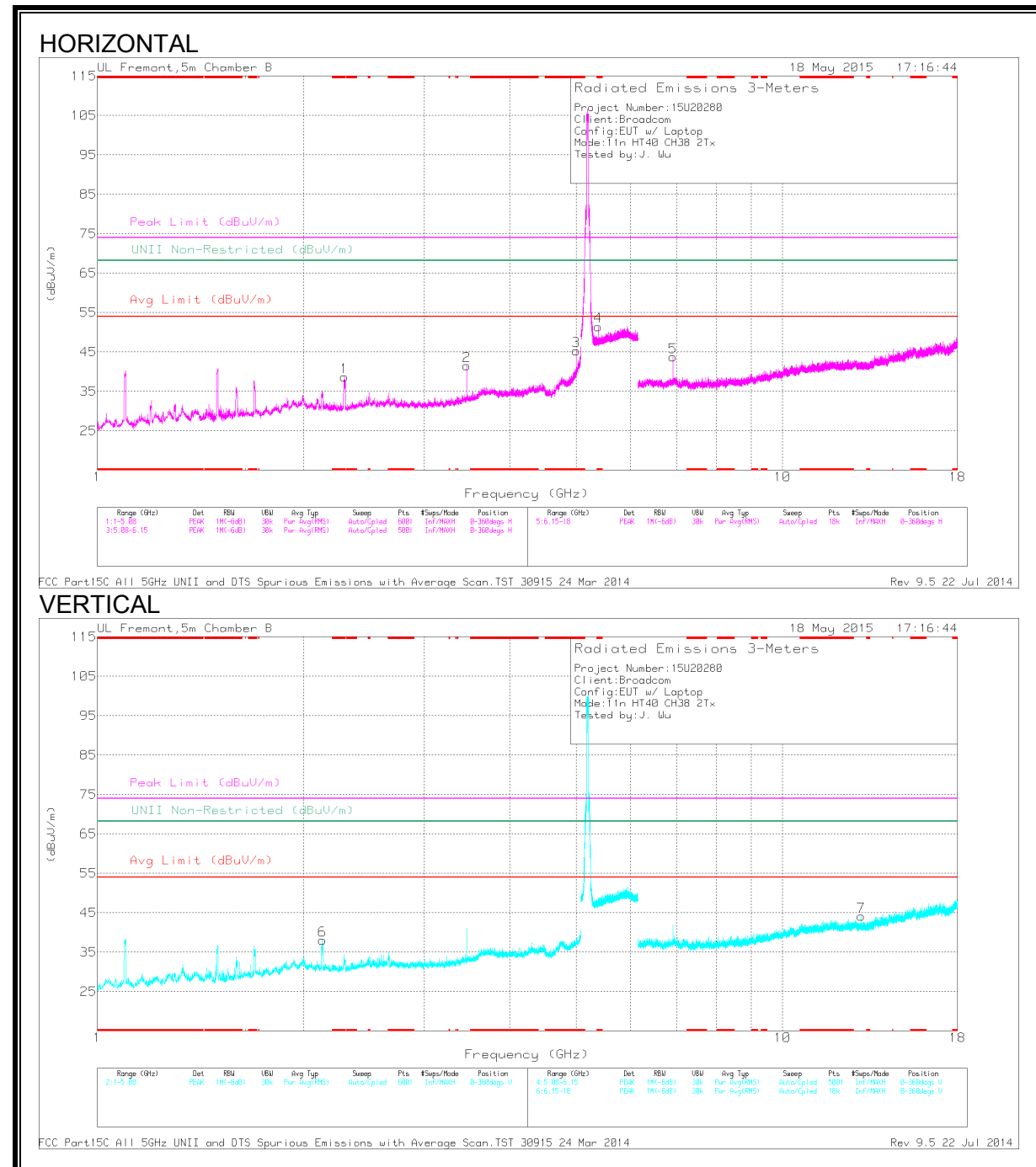
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT345 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.148	24.59	PK	34.1	8.1	0	66.79	-	-	74	-7.21	287	172	H
4	5.149	11.23	RMS	34.1	8.1	.09	53.52	54	-.48	-	-	287	172	H
1	5.15	21.43	PK	34.1	8.1	0	63.63	-	-	74	-10.37	287	172	H
3	5.15	8.56	RMS	34.1	8.1	.09	50.85	54	-3.15	-	-	287	172	H

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

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.296	47.02	PK1	31.5	-32.8	0	45.72	-	-	74	-28.28	-	-	112	254	H
	* 2.295	34.72	AD1	31.5	-32.7	.09	33.61	54	-20.39	-	-	-	-	112	254	H
3	* 4.998	46.76	PK1	34	-28.1	0	52.66	-	-	74	-21.34	-	-	271	172	H
	* 4.998	38.94	AD1	34	-28.1	.09	44.93	54	-9.07	-	-	-	-	271	172	H
4	* 5.382	44.43	PK1	34.4	-20.1	0	58.73	-	-	74	-15.27	-	-	265	203	H
	* 5.382	35.44	AD1	34.4	-20.1	.09	49.83	54	-4.17	-	-	-	-	265	203	H
6	2.128	47.92	PK1	31.6	-32.7	0	46.82	-	-	-	-	68.2	-21.38	283	205	V
2	3.46	44.87	PK1	33.3	-31.1	0	47.07	-	-	-	-	68.2	-21.13	134	117	H
5	6.92	41.28	PK1	36.1	-27.5	0	49.88	-	-	-	-	68.2	-18.32	51	212	H
7	13.032	32.96	PK1	38.8	-22.1	0	49.66	-	-	-	-	68.2	-18.54	194	192	V

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

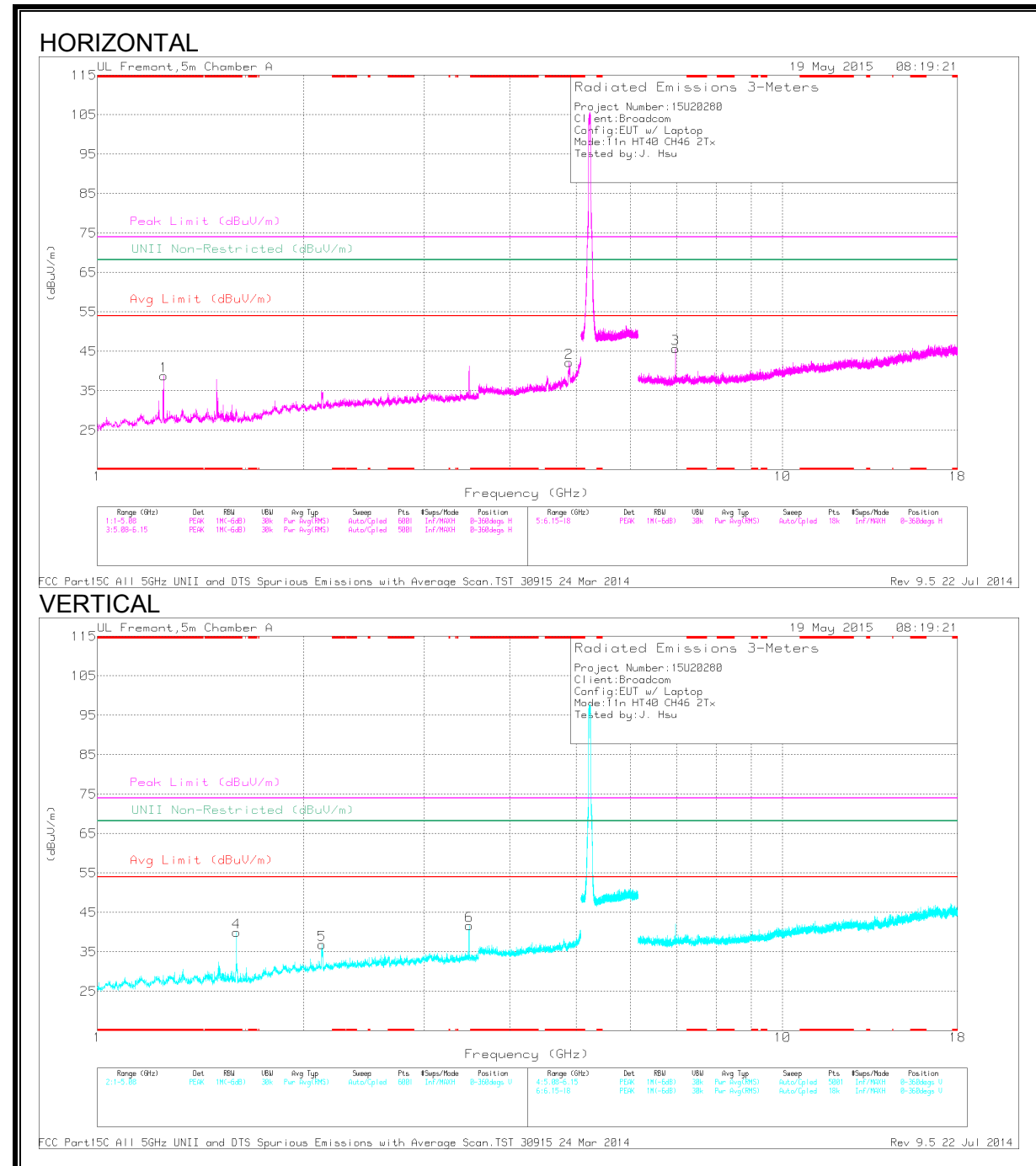
** - indicates frequency covered by BE test

PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

HIGH CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.25	50.92	PK1	28.4	-35.7	0	43.62	-	-	74	-30.38	-	-	223	328	H
	* 1.248	32.11	AD1	28.4	-35.7	.09	24.9	54	-29.1	-	-	-	-	223	328	H
2	* 4.882	44.73	PK1	33.9	-30.3	0	48.33	-	-	74	-25.67	-	-	358	245	H
	* 4.881	36.3	AD1	33.9	-30.3	.09	39.99	54	-14.01	-	-	-	-	358	245	H
4	* 1.595	52.57	PK1	27.9	-35.3	0	45.17	-	-	74	-28.83	-	-	222	105	V
	* 1.596	33.8	AD1	27.9	-35.3	.09	26.49	54	-27.51	-	-	-	-	222	105	V
5	2.13	51.21	PK1	31.4	-34.7	0	47.91	-	-	-	-	68.2	-20.29	259	202	V
6	3.487	46.16	PK1	33.1	-32.6	0	46.66	-	-	-	-	68.2	-21.54	352	143	V
3	6.973	41.83	PK1	35.6	-27	0	50.43	-	-	-	-	68.2	-17.77	2	213	H

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

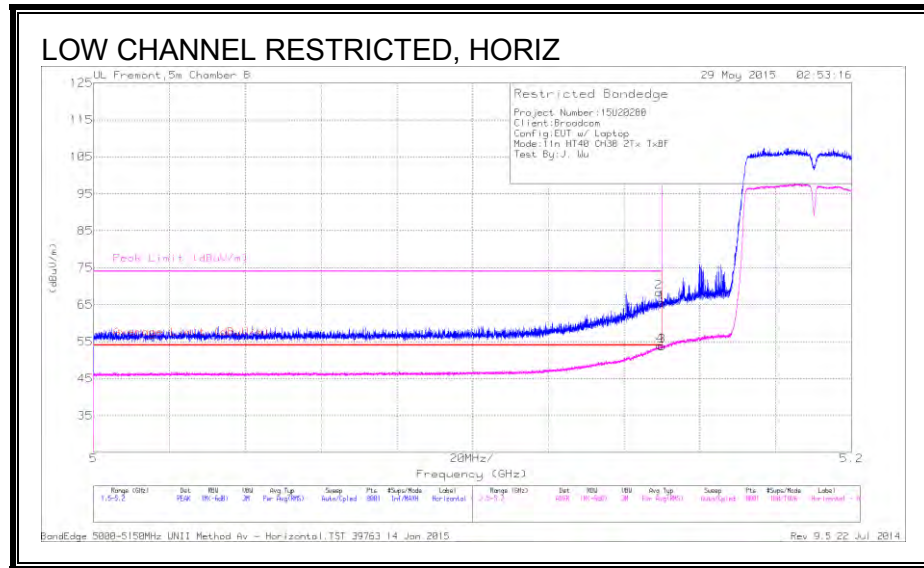
PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

9.8. TX ABOVE 1 GHz 802.11ac HT40 TxBF 2TX MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



Trace Markers

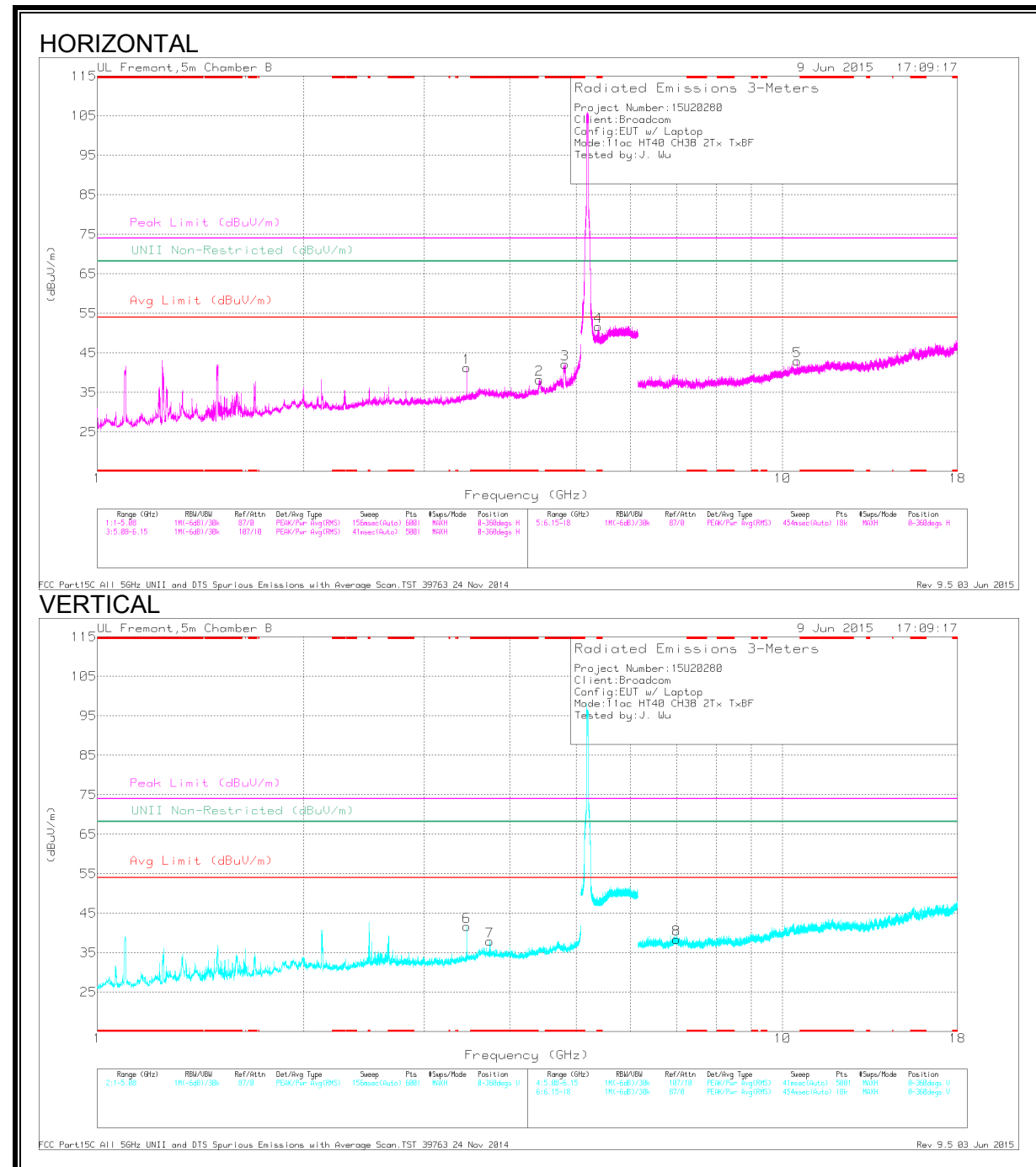
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.149	26.15	PK	34.1	8.1	0	68.35	-	-	74	-5.65	79	255	H
1	5.15	23.36	PK	34.1	8.1	0	65.56	-	-	74	-8.44	79	255	H
3	5.15	11.47	RMS	34.1	8.1	.16	53.83	54	-17	-	-	79	255	H
4	5.15	11.54	RMS	34.1	8.1	.16	53.9	54	-1	-	-	79	255	H

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

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 4.797	47.76	PK3	34.3	-29.5	0	52.56	-	-	74	-21.44	-	-	271	198	H
	* 4.823	37.7	ADR	34.3	-29.7	.16	42.46	54	-11.54	-	-	-	-	271	198	H
7	* 3.733	41.6	PK3	33.5	-31	0	44.1	-	-	74	-29.9	-	-	289	123	V
	* 3.734	29.19	ADR	33.5	-31	.16	31.85	54	-22.15	-	-	-	-	289	123	V
4	* 5.383	43.59	PK3	34.4	-17.8	0	60.19	-	-	74	-13.81	-	-	281	184	H
	* 5.382	34.95	ADR	34.4	-17.8	.16	51.71	54	-2.29	-	-	-	-	281	184	H
1	3.46	45.57	PK3	33.3	-31.1	0	47.77	-	-	-	-	68.2	-20.43	74	361	H
6	3.46	45.89	PK3	33.3	-31.1	0	48.09	-	-	-	-	68.2	-20.11	44	260	V
2	4.412	42.66	PK3	33.9	-29.9	0	46.66	-	-	-	-	68.2	-21.54	91	227	H
8	7.006	38.43	PK3	36	-27.2	0	47.23	-	-	-	-	68.2	-20.97	205	298	V
5	10.506	35.72	PK3	37.5	-23.4	0	49.82	-	-	-	-	68.2	-18.38	39	121	H

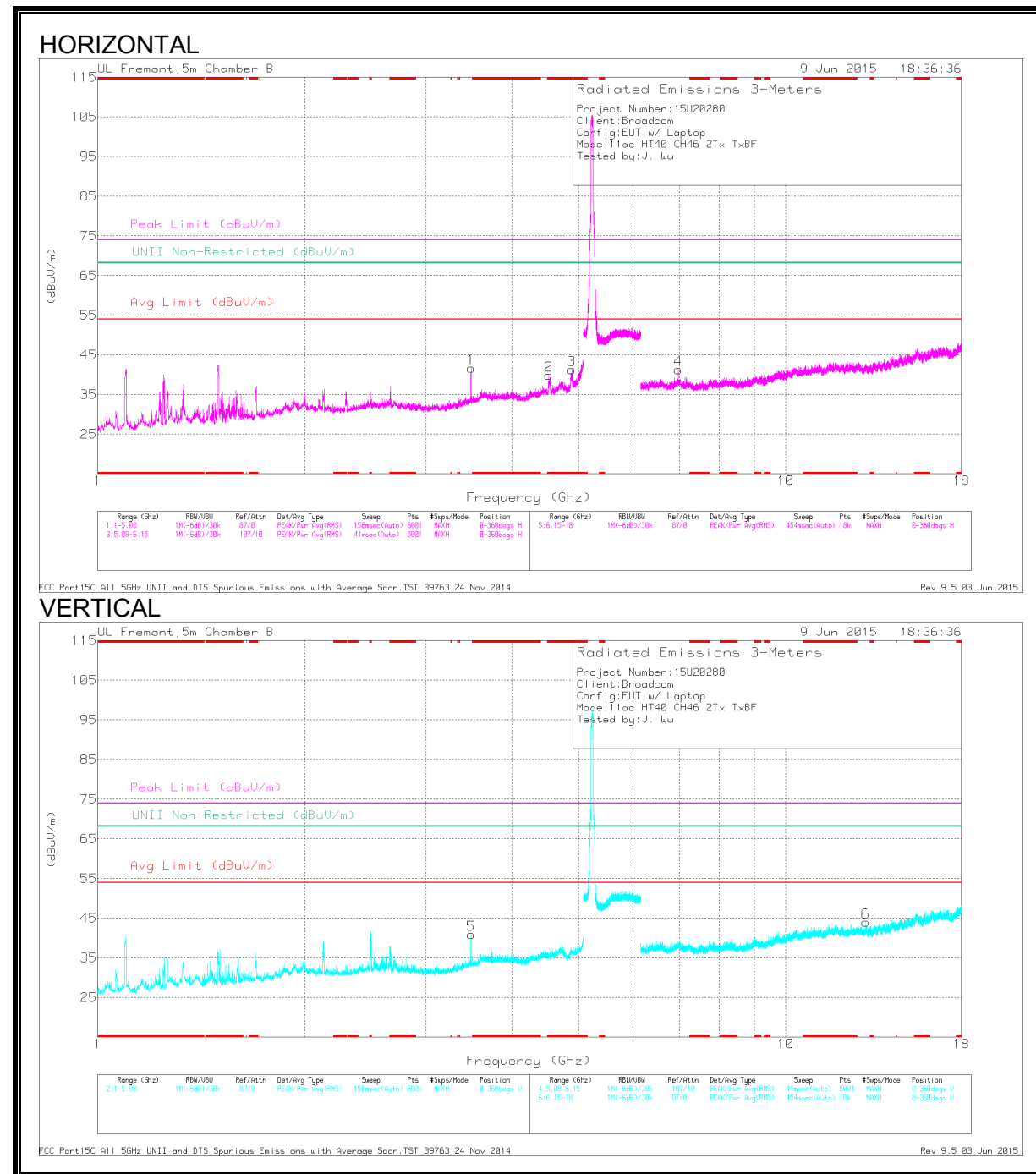
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

** - indicates frequency covered by BE measurement

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 4.538	45.5	PK3	34	-30.5	0	49	-	-	74	-25	-	-	275	196	H
	* 4.537	34.37	ADR	34	-30.5	.16	38.03	54	-15.97	-	-	-	-	275	196	H
3	* 4.888	45.46	PK3	34.2	-29.7	0	49.96	-	-	74	-24.04	-	-	284	213	H
	* 4.881	34.23	ADR	34.2	-29.8	.16	38.79	54	-15.21	-	-	-	-	284	213	H
1	3.487	46.3	PK3	33.5	-31.1	0	48.7	-	-	-	-	68.2	-19.5	80	261	H
5	3.487	46.09	PK3	33.5	-31.1	0	48.49	-	-	-	-	68.2	-19.71	44	295	V
4	6.974	40.72	PK3	36	-27.3	0	49.42	-	-	-	-	68.2	-18.78	286	163	H
6	13.063	33.63	PK3	38.7	-22.2	0	50.13	-	-	-	-	68.2	-18.07	72	162	V

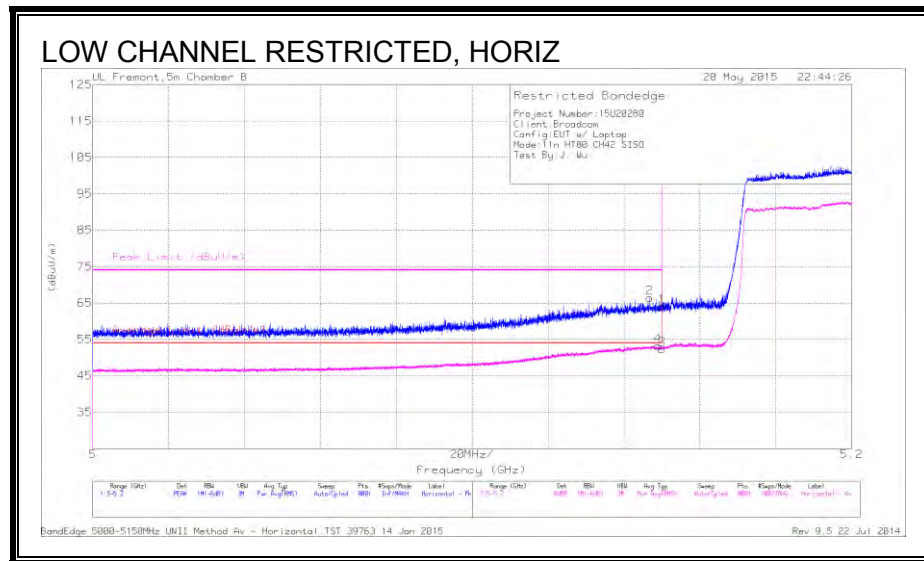
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

RESTRICTED BANDEGE (LOW CHANNEL)



Trace Markers

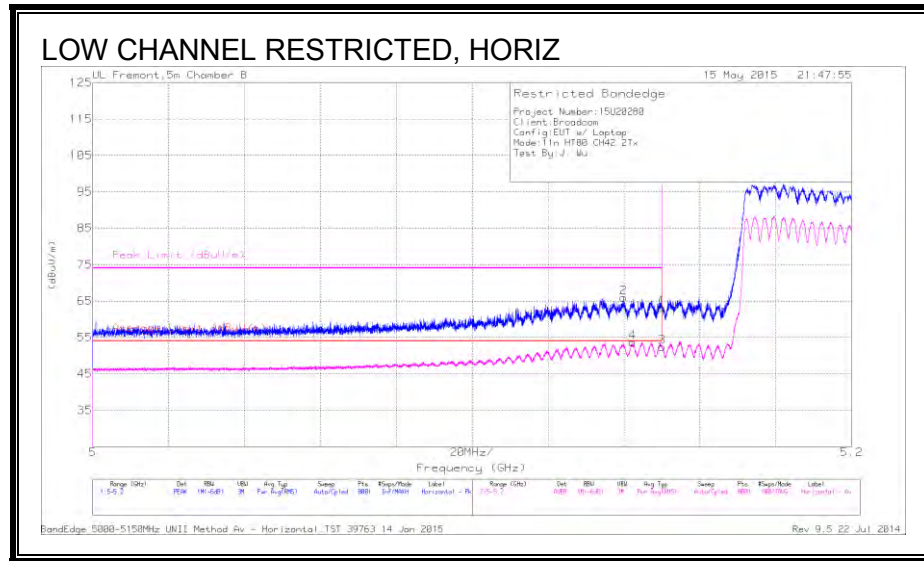
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.147	24.2	PK	34.1	8.1	0	66.4	-	-	74	-7.6	292	197	H
4	5.149	10.95	RMS	34.1	8.1	.19	53.34	54	-66	-	-	292	197	H
1	5.15	21.85	PK	34.1	8.1	0	64.05	-	-	74	-9.95	292	197	H
3	5.15	10.02	RMS	34.1	8.1	.19	52.41	54	-1.59	-	-	292	197	H

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

PK - Peak detector
RMS - RMS detection

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

RESTRICTED BANDEGE (LOW CHANNEL)



Trace Markers

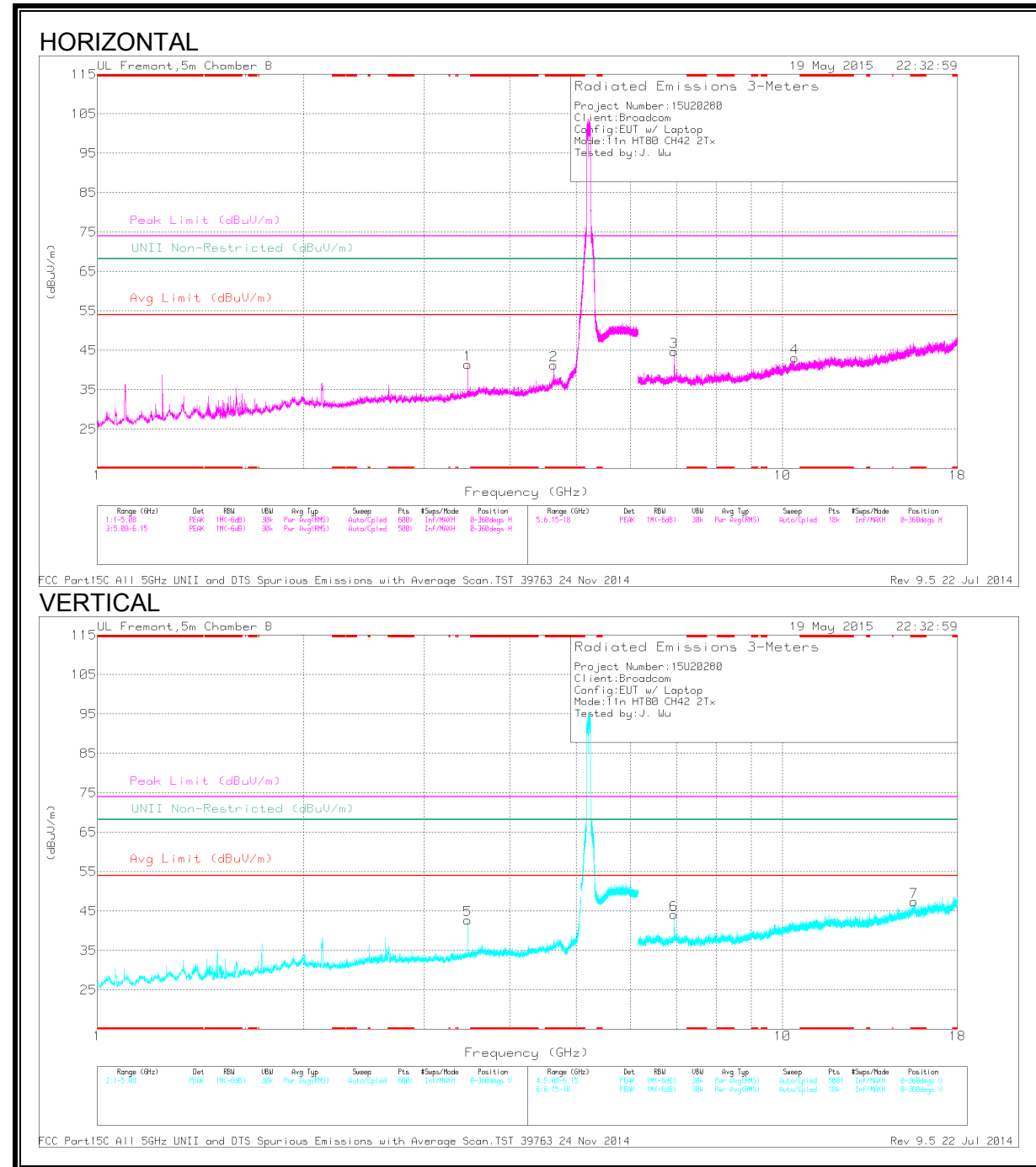
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.14	23.65	PK	34.1	8.2	0	65.95	-	-	74	-8.05	96	289	H
4	5.142	11.1	RMS	34.1	8.2	.19	53.59	54	-41	-	-	96	289	H
1	5.15	20.94	PK	34.1	8.1	0	63.14	-	-	74	-10.86	96	289	H
3	5.15	10.01	RMS	34.1	8.1	.19	52.4	54	-1.6	-	-	96	289	H

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

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 4.631	43.49	PK1	34.1	-29.1	0	48.49	-	-	74	-25.51	-	-	302	194	H
	* 4.631	36.63	AD1	34.1	-29.1	.19	41.82	54	-12.18	-	-	-	-	302	194	H
7	* 15.541	33.73	PK1	40.8	-20	0	54.53	-	-	74	-19.47	-	-	317	280	V
	* 15.54	22.12	AD1	40.8	-20	.19	43.11	54	-10.89	-	-	-	-	317	280	V
1	3.473	46.11	PK1	33.4	-31.1	0	48.41	-	-	-	-	68.2	-19.79	145	193	V
5	3.474	44.25	PK1	33.4	-31.1	0	46.55	-	-	-	-	68.2	-21.65	141	235	H
3	6.947	42.92	PK1	36.1	-27.3	0	51.72	-	-	-	-	68.2	-16.48	300	153	H
6	6.947	41.42	PK1	36.1	-27.3	0	50.22	-	-	-	-	68.2	-17.98	276	201	V
4	10.422	35.22	PK1	37.4	-23.4	0	49.22	-	-	-	-	68.2	-18.98	76	199	H

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

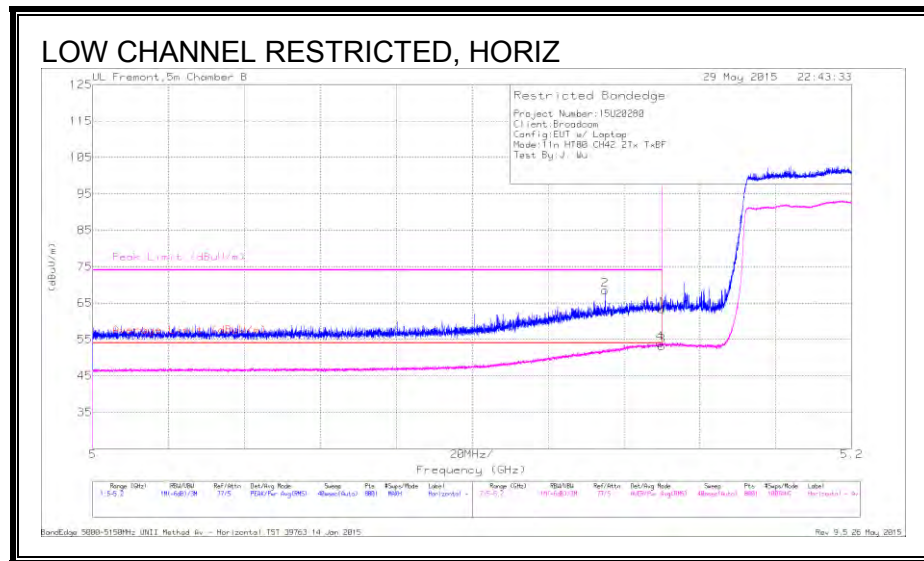
PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

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

RESTRICTED BANDEDGE (LOW CHANNEL)



Trace Markers

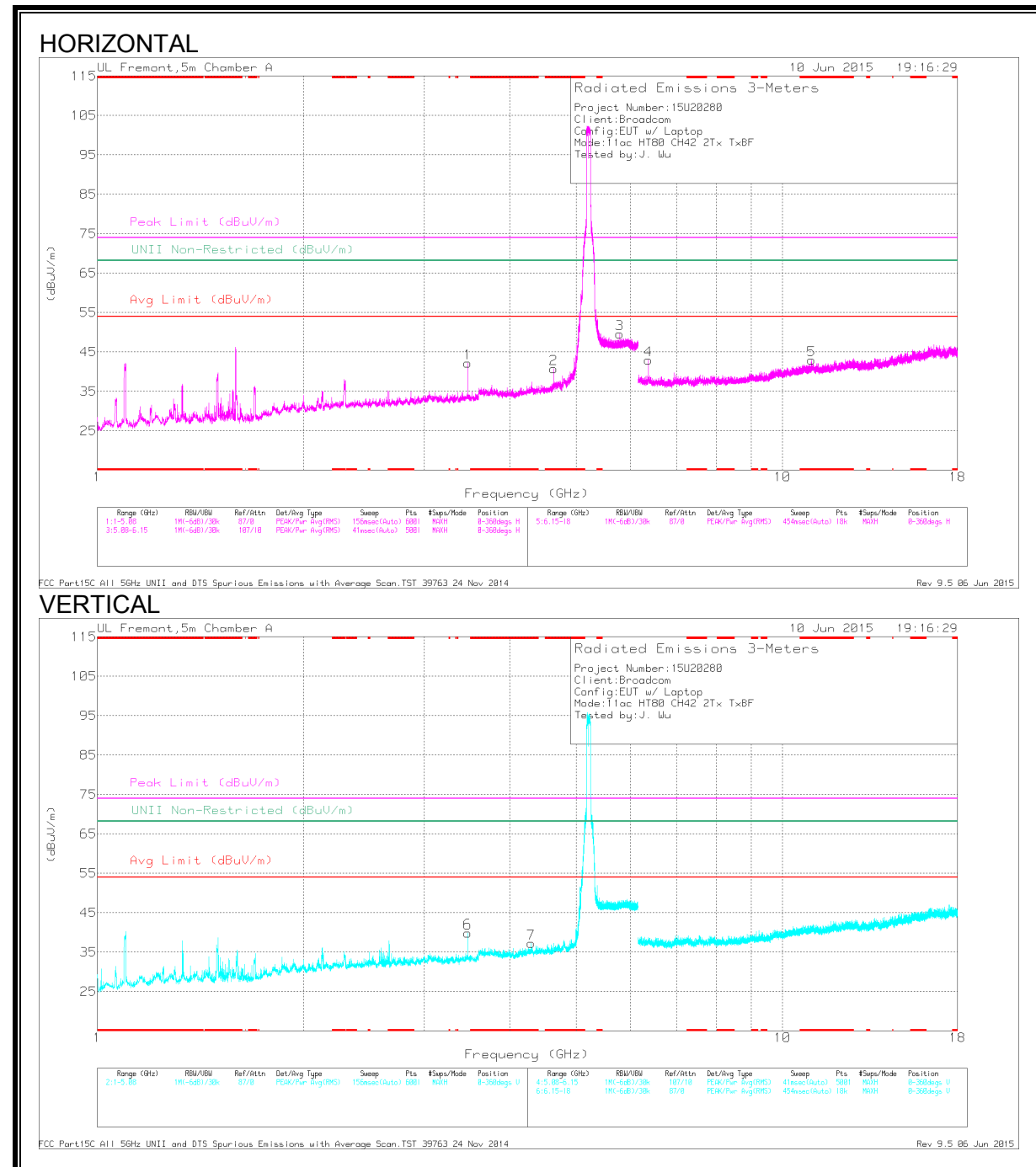
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.135	26.19	Pk	34.1	8.2	0	68.49	-	-	74	-5.51	81	195	H
1	5.15	21.12	Pk	34.1	8.1	0	63.32	-	-	74	-10.68	81	195	H
3	5.15	10.4	RMS	34.1	8.1	.52	53.12	54	-.88	-	-	81	195	H
4	5.15	11.16	RMS	34.1	8.1	.52	53.88	54	-.12	-	-	81	195	H

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

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS,

LOW CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 4.631	45.67	PK3	34.1	-30.9	0	48.87	-	-	74	-25.13	-	-	206	212	H
	* 4.631	38.65	ADR	34.1	-30.9	.52	42.37	54	-11.63	-	-	-	-	206	212	H
7	* 4.302	41.51	PK3	33.5	-30.8	0	44.21	-	-	74	-29.79	-	-	284	100	V
	* 4.303	29.93	ADR	33.5	-30.8	.52	33.15	54	-20.85	-	-	-	-	284	100	V
5	* 11.017	34.71	PK3	37.9	-23	0	49.61	-	-	74	-24.39	-	-	261	202	H
	* 11.019	23.12	ADR	37.9	-23	.52	38.54	54	-15.46	-	-	-	-	261	202	H
1	3.473	48.11	PK3	33	-32.6	0	48.51	-	-	-	-	68.2	-19.69	19	311	H
6	3.474	45.68	PK3	33	-32.6	0	46.08	-	-	-	-	68.2	-22.12	230	202	V
3	5.789	43.35	PK3	34.9	-20.4	0	57.85	-	-	-	-	68.2	-10.35	233	182	H
4	6.368	41.22	PK3	35.5	-27.9	0	48.82	-	-	-	-	68.2	-19.38	237	194	H

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

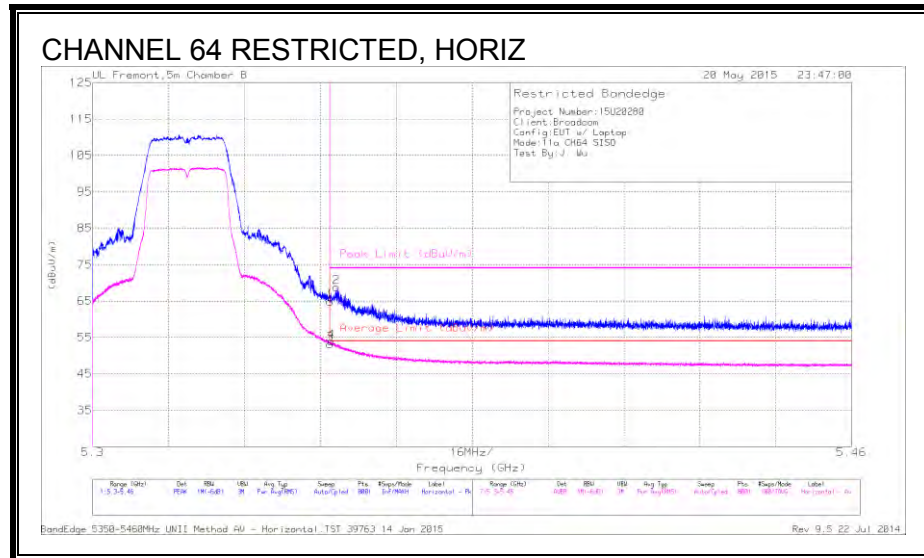
** - indicates frequency covered by BE measurement

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

RESTRICTED BANDEDGE (CHANNEL 64)



Trace Markers

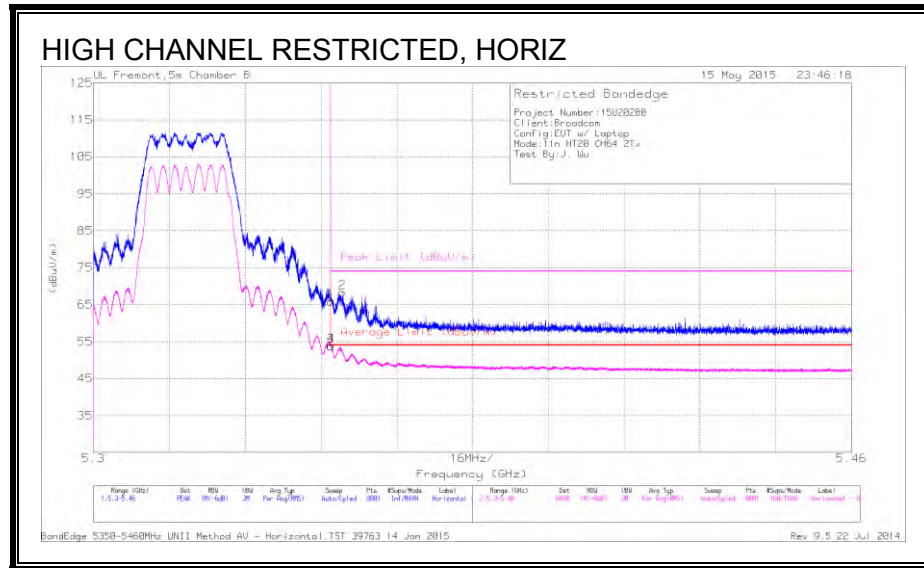
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	22.07	PK	34.4	8.4	0	64.87	-	-	74	-9.13	289	205	H
3	5.35	10.38	RMS	34.4	8.4	0	53.18	54	-82	-	-	289	205	H
4	5.35	11.09	RMS	34.4	8.4	0	53.89	54	-11	-	-	289	205	H
2	5.351	25.97	PK	34.4	8.4	0	68.77	-	-	74	-5.23	289	205	H

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

PK - Peak detector
RMS - RMS detection

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

RESTRICTED BANDEDGE (HIGH CHANNEL)



Trace Markers

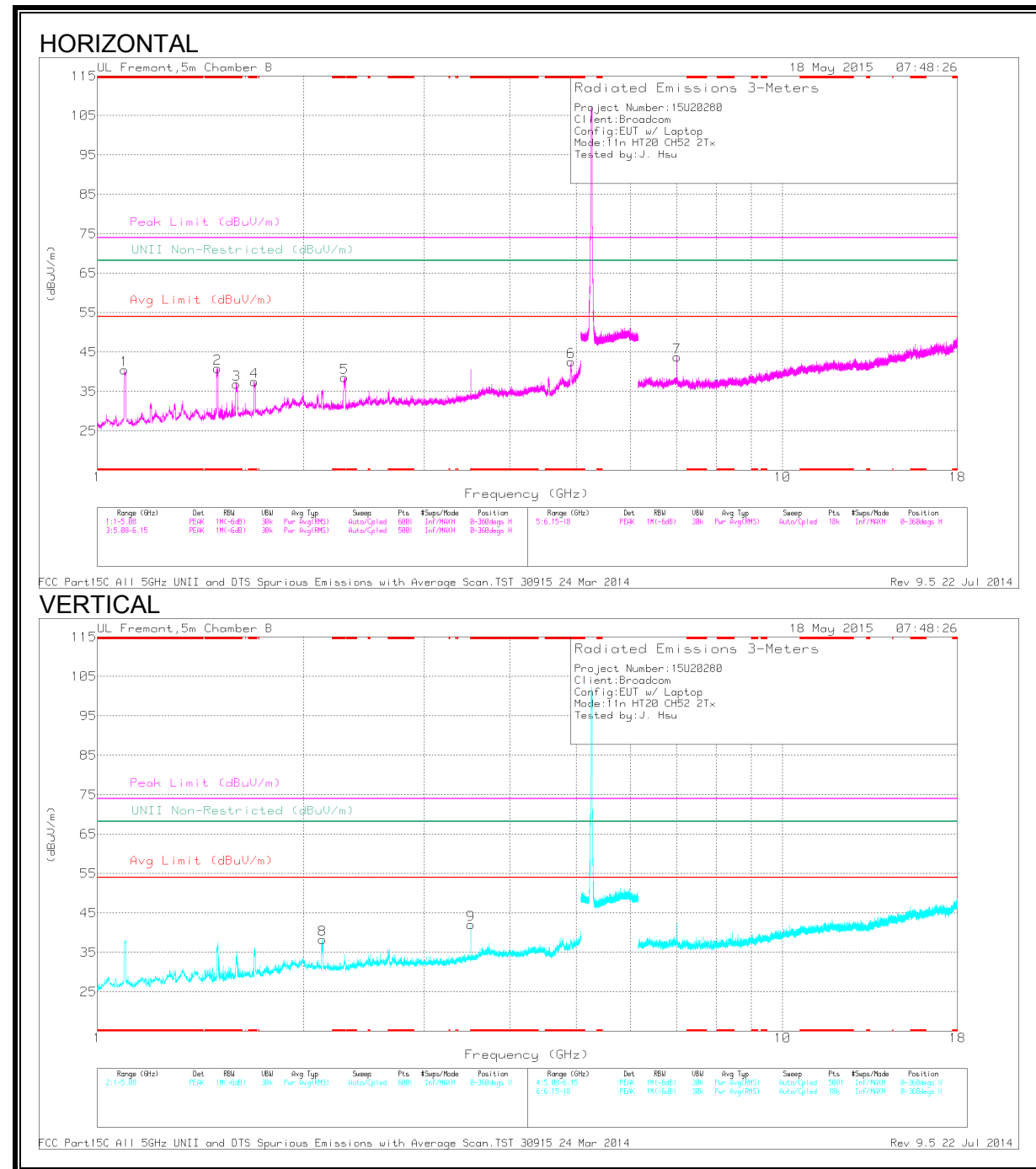
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	23.07	PK	34.4	8.4	0	65.87	-	-	74	-8.13	269	159	H
3	5.35	11.01	RMS	34.4	8.4	0	53.81	54	-19	-	-	269	159	H
4	5.35	11.02	RMS	34.4	8.4	0	53.82	54	-18	-	-	269	159	H
2	5.353	25.45	PK	34.4	8.4	0	68.25	-	-	74	-5.75	269	159	H

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

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.096	53.71	PK1	27.6	-34	0	47.31	-	-	74	-26.69	-	-	316	136	H
	* 1.097	45.08	AD1	27.6	-34	0	38.68	54	-15.32	-	-	-	-	316	136	H
2	* 1.498	53.32	PK1	28.7	-34.1	0	47.92	-	-	74	-26.08	-	-	30	150	H
	* 1.497	42.16	AD1	28.7	-34.1	0	36.76	54	-17.24	-	-	-	-	30	150	H
3	* 1.595	44.09	PK1	28.8	-32.8	0	40.09	-	-	74	-33.91	-	-	268	316	H
	* 1.593	31.03	AD1	28.8	-32.9	0	26.93	54	-27.07	-	-	-	-	268	316	H
4	* 1.695	47.77	PK1	29.7	-32.9	0	44.57	-	-	74	-29.43	-	-	57	239	H
	* 1.696	36.29	AD1	29.7	-32.9	0	33.09	54	-20.91	-	-	-	-	57	239	H
5	* 2.295	44.75	PK1	31.5	-32.7	0	43.55	-	-	74	-30.45	-	-	106	335	H
	* 2.29	32.39	AD1	31.5	-32.7	0	31.19	54	-22.81	-	-	-	-	106	335	H
6	* 4.91	45.43	PK1	34.1	-29.2	0	50.33	-	-	74	-23.67	-	-	273	213	H
	* 4.909	34.88	AD1	34.1	-29.2	0	39.78	54	-14.22	-	-	-	-	273	213	H
9	* 3.507	45.86	PK1	33.6	-31.4	0	48.06	-	-	74	-25.94	-	-	198	238	V
	* 3.507	41.11	AD1	33.6	-31.4	0	43.31	54	-10.69	-	-	-	-	198	238	V
8	2.129	44.27	PK1	31.6	-32.7	0	43.17	-	-	-	-	68.2	-25.03	271	229	V
7	7.012	38.5	PK1	36	-27.4	0	47.1	-	-	-	-	68.2	-21.1	203	226	H

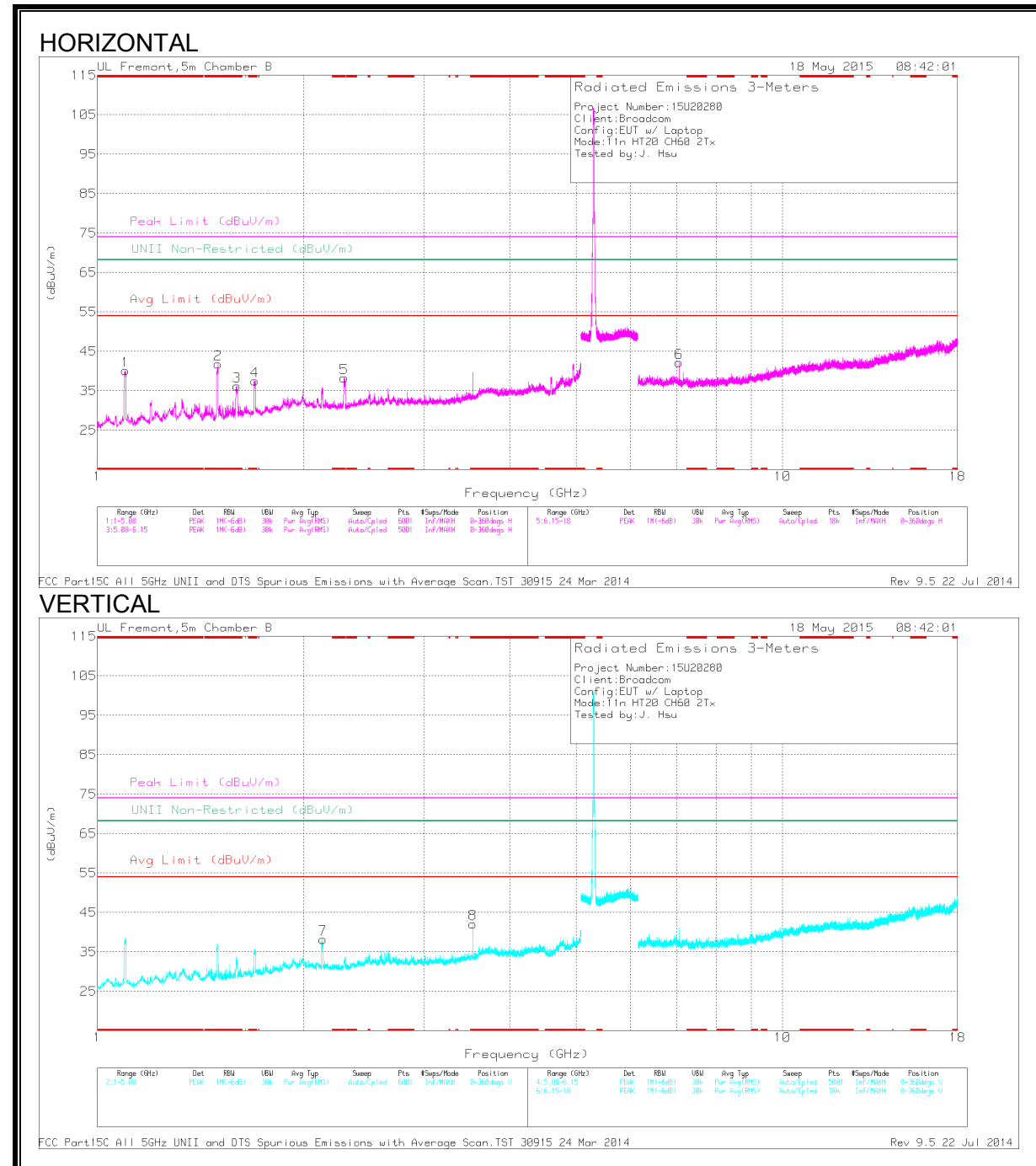
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

MID CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.1	53.23	PK1	27.6	-34	0	46.83	-	-	74	-27.17	-	-	313	132	H
	* 1.098	44.51	AD1	27.6	-34	0	38.11	54	-15.89	-	-	-	-	313	132	H
2	* 1.499	53.66	PK1	28.6	-34	0	48.26	-	-	74	-25.74	-	-	42	222	H
	* 1.5	41.22	AD1	28.6	-34	0	35.82	54	-18.18	-	-	-	-	42	222	H
3	* 1.598	50.65	PK1	28.8	-32.8	0	46.65	-	-	74	-27.35	-	-	205	198	H
	* 1.6	35.23	AD1	28.8	-32.8	0	31.23	54	-22.77	-	-	-	-	205	198	H
4	* 1.697	49.14	PK1	29.7	-32.9	0	45.94	-	-	74	-28.06	-	-	68	251	H
	* 1.696	37.31	AD1	29.7	-32.9	0	34.11	54	-19.89	-	-	-	-	68	251	H
5	* 2.292	47.24	PK1	31.5	-32.7	0	46.04	-	-	74	-27.96	-	-	113	251	H
	* 2.294	34.49	AD1	31.5	-32.7	0	33.29	54	-20.71	-	-	-	-	113	251	H
8	* 3.533	45.58	PK1	33.7	-31.6	0	47.68	-	-	74	-26.32	-	-	201	210	V
	* 3.533	40.17	AD1	33.7	-31.6	0	42.27	54	-11.73	-	-	-	-	201	210	V
7	2.134	42.91	PK1	31.5	-32.6	0	41.81	-	-	-	-	68.2	-26.39	118	238	V
6	7.066	40.98	PK1	35.8	-28.2	0	48.58	-	-	-	-	68.2	-19.62	61	155	H

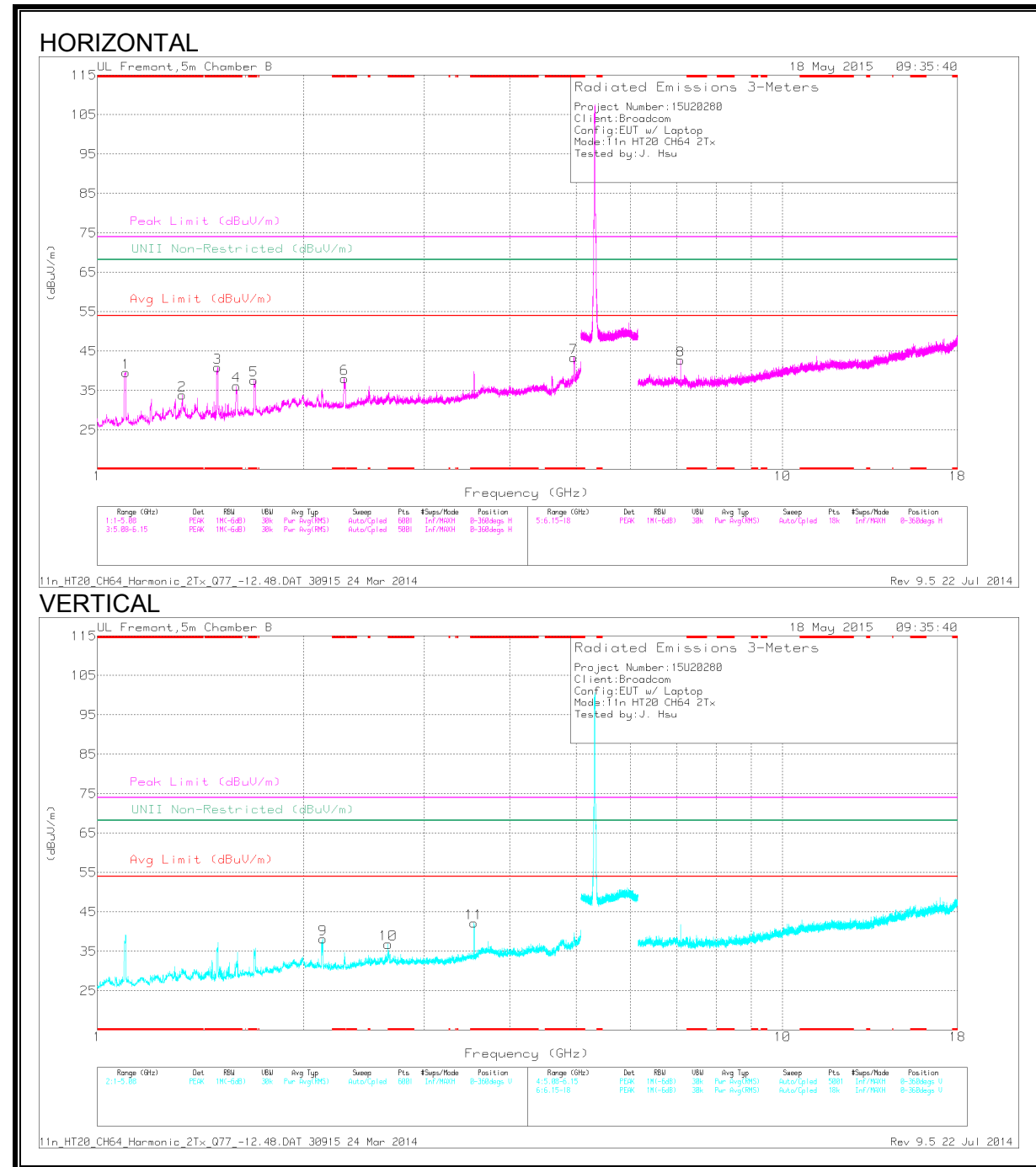
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

HIGH CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.098	53.02	PK1	27.6	-34	0	46.62	-	-	74	-27.38	-	-	312	126	H
	* 1.098	44.4	AD1	27.6	-34	0	38	54	-16	-	-	-	-	312	126	H
2	* 1.329	46.82	PK1	29.4	-33.5	0	42.72	-	-	74	-31.28	-	-	120	298	H
	* 1.333	31.22	AD1	29.4	-33.5	0	27.12	54	-26.88	-	-	-	-	120	298	H
4	* 1.598	50.2	PK1	28.8	-32.8	0	46.2	-	-	74	-27.8	-	-	212	262	H
	* 1.597	34.68	AD1	28.8	-32.8	0	30.68	54	-23.32	-	-	-	-	212	262	H
3	* 1.499	55.4	PK1	28.6	-34	0	50	-	-	74	-24	-	-	15	220	H
	* 1.497	42.54	AD1	28.7	-34.1	0	37.14	54	-16.86	-	-	-	-	15	220	H
5	* 1.696	48.66	PK1	29.7	-32.9	0	45.46	-	-	74	-28.54	-	-	64	254	H
	* 1.696	37.33	AD1	29.7	-32.9	0	34.13	54	-19.87	-	-	-	-	64	254	H
7	* 4.961	46.44	PK1	34.1	-28.7	0	51.84	-	-	74	-22.16	-	-	298	211	H
	* 4.961	36.12	AD1	34.1	-28.7	0	41.52	54	-12.48	-	-	-	-	298	211	H
6	* 2.292	46.97	PK1	31.5	-32.7	0	45.77	-	-	74	-28.23	-	-	109	256	H
	* 2.295	34.79	AD1	31.5	-32.7	0	33.59	54	-20.41	-	-	-	-	109	256	H
10	* 2.659	50.36	PK1	32.7	-31.8	0	51.26	-	-	74	-22.74	-	-	205	336	V
	* 2.655	29	AD1	32.7	-31.8	0	29.9	54	-24.1	-	-	-	-	205	336	V
11	* 3.547	44.92	PK1	33.7	-31.6	0	47.02	-	-	74	-26.98	-	-	203	264	V
	* 3.547	40.08	AD1	33.7	-31.6	0	42.18	54	-11.82	-	-	-	-	203	264	V
9	2.132	44.76	PK1	31.6	-32.6	0	43.76	-	-	-	-	68.2	-24.44	300	221	V
8	7.094	39.02	PK1	35.6	-28.5	0	46.12	-	-	-	-	68.2	-22.08	236	212	H

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

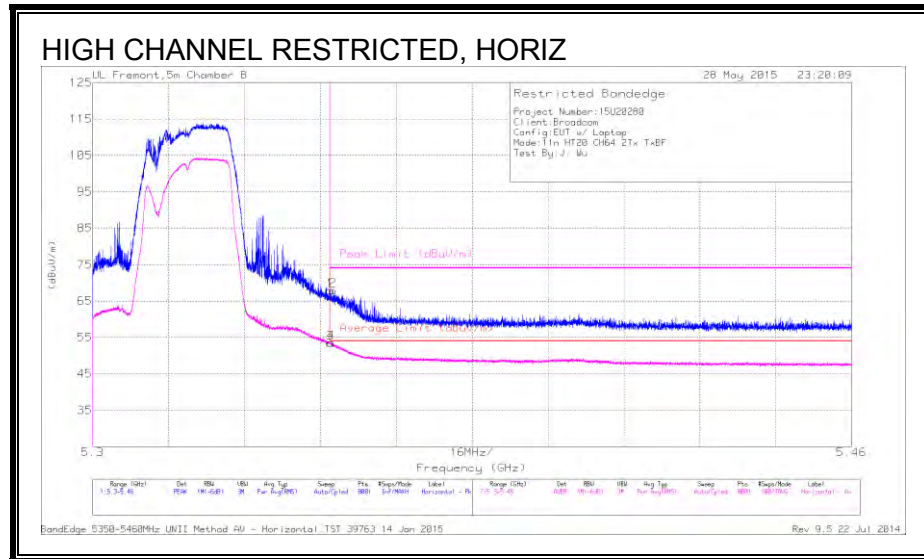
PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

9.14. TX ABOVE 1 GHz 802.11ac HT20 TxBF 2TX MODE IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE (HIGH CHANNEL)



Trace Markers

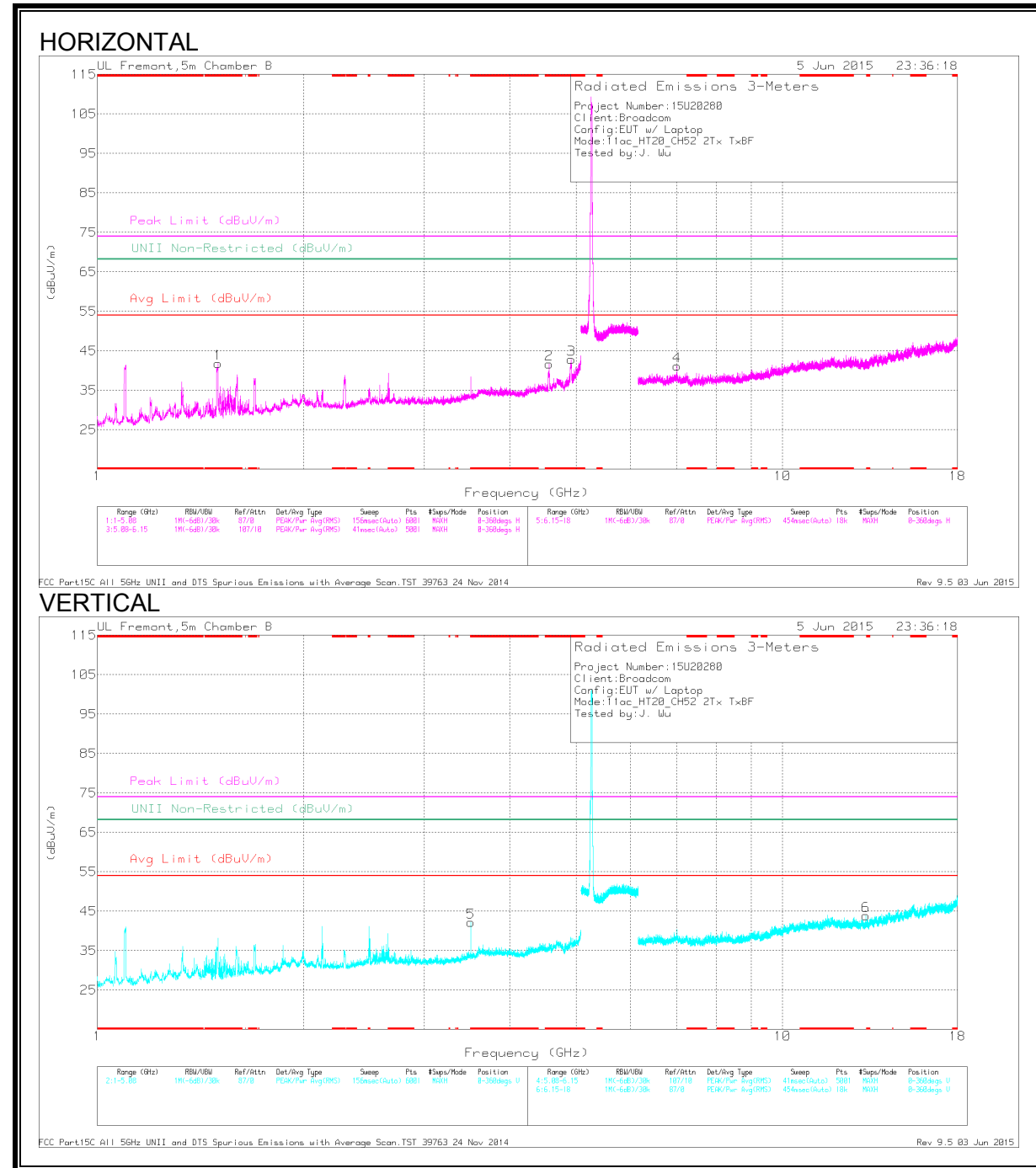
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	25.1	PK	34.4	8.4	0	67.9	-	-	74	-6.1	279	168	H
3	5.35	10.55	RMS	34.4	8.4	.2	53.55	54	-.45	-	-	279	168	H
4	5.35	10.48	RMS	34.4	8.4	.2	53.48	54	-.52	-	-	279	168	H
2	5.351	25.17	PK	34.4	8.4	0	67.97	-	-	74	-6.03	279	168	H

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

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



Trace Markers

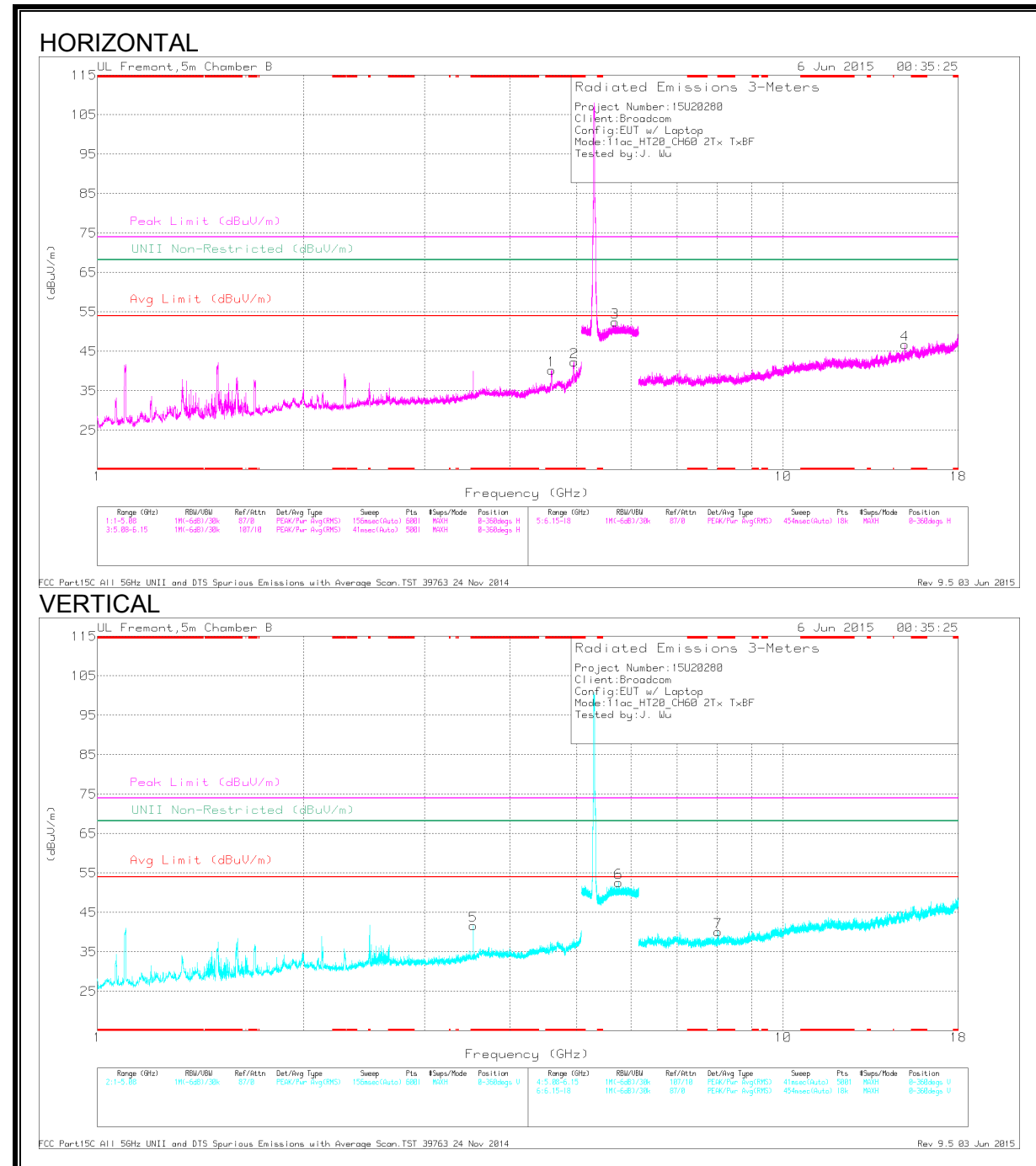
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.498	54.96	PK3	28.7	-34.1	0	49.56	-	-	74	-24.44	-	-	33	312	H
	* 1.497	41.94	ADR	28.7	-34.1	.2	36.74	54	-17.26	-	-	-	-	33	312	H
2	* 4.564	47.34	PK3	34	-30.4	0	50.94	-	-	74	-23.06	-	-	280	196	H
	* 4.565	35.78	ADR	34	-30.4	.2	39.58	54	-14.42	-	-	-	-	280	196	H
3	* 4.918	48.15	PK3	34.1	-29.1	0	53.15	-	-	74	-20.85	-	-	275	188	H
	* 4.917	36.8	ADR	34.1	-29.1	.2	42	54	-12	-	-	-	-	275	188	H
5	* 3.507	45.1	PK3	33.6	-31.4	0	47.3	-	-	74	-26.7	-	-	152	149	V
	* 3.507	39.47	ADR	33.6	-31.4	.2	41.87	54	-12.13	-	-	-	-	152	149	V
4	7.014	41.86	PK3	36	-27.4	0	50.46	-	-	-	-	68.2	-17.74	306	159	H
6	13.228	34.33	PK3	38.7	-22.8	0	50.23	-	-	-	-	68.2	-17.97	120	230	V

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

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL



Trace Markers

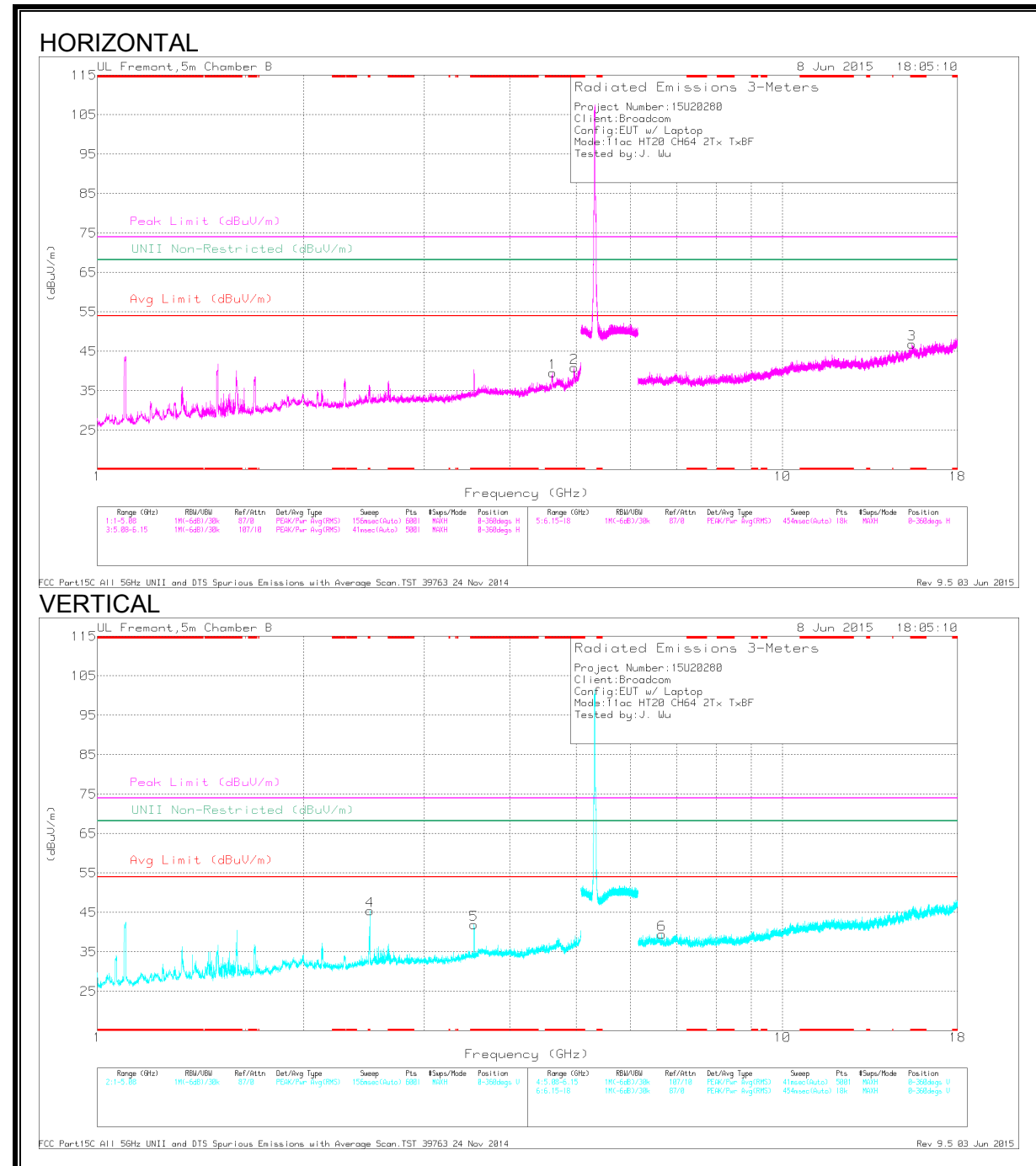
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.599	46.27	PK3	34	-29.6	0	50.67	-	-	74	-23.33	-	-	281	237	H
	* 4.596	35.93	ADR	34	-29.7	.2	40.43	54	-13.57	-	-	-	-	281	237	H
2	* 4.947	47.4	PK3	34.1	-29	0	52.5	-	-	74	-21.5	-	-	272	208	H
	* 4.947	37.24	ADR	34.1	-29	.2	42.54	54	-11.46	-	-	-	-	272	208	H
5	* 3.533	45.77	PK3	33.7	-31.6	0	47.87	-	-	74	-26.13	-	-	153	174	V
	* 3.533	40.13	ADR	33.7	-31.6	.2	42.43	54	-11.57	-	-	-	-	153	174	V
7	* 8.028	37.59	PK3	35.6	-26.4	0	46.79	-	-	74	-27.21	-	-	257	164	V
	* 8.031	25.8	ADR	35.6	-26.4	.2	35.2	54	-18.8	-	-	-	-	257	164	V
3	5.687	42.13	PK3	34.9	-17.9	0	59.13	-	-	-	-	68.2	-9.07	277	130	H
	5.757	41.76	PK3	35.1	-17.6	0	59.26	-	-	-	-	68.2	-8.94	271	210	V
4	15.046	33.45	PK3	40.1	-21.1	0	52.45	-	-	-	-	68.2	-15.75	112	193	H

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

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.613	45.57	PK3	34	-29.2	0	50.37	-	-	74	-23.63	-	-	95	258	H
	* 4.617	34.49	ADR	34	-29.2	.2	39.49	54	-14.51	-	-	-	-	95	258	H
2	* 4.968	46.28	PK3	34.1	-28.5	0	51.88	-	-	74	-22.12	-	-	290	208	H
	* 4.966	35.07	ADR	34.1	-28.6	.2	40.77	54	-13.23	-	-	-	-	290	208	H
4	* 2.491	52.66	PK3	32.5	-32	0	53.16	-	-	74	-20.84	-	-	200	300	V
	* 2.495	30.59	ADR	32.5	-32	.2	31.29	54	-22.71	-	-	-	-	200	300	V
5	* 3.547	44.75	PK3	33.7	-31.6	0	46.85	-	-	74	-27.15	-	-	309	213	V
	* 3.547	38.55	ADR	33.7	-31.6	.2	40.85	54	-13.15	-	-	-	-	309	213	V
3	* 15.446	34.39	PK3	40.8	-21.2	0	53.99	-	-	74	-20.01	-	-	360	115	H
	* 15.444	22.43	ADR	40.8	-21.1	.2	42.33	54	-11.67	-	-	-	-	360	115	H
6	6.665	39.29	PK3	35.9	-28.7	0	46.49	-	-	-	-	68.2	-21.71	160	387	V

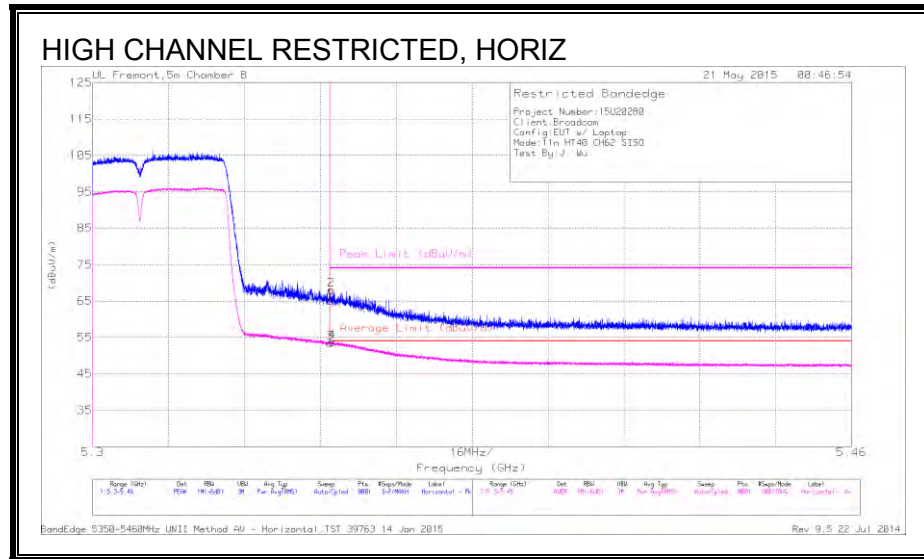
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.15. TX ABOVE 1 GHz 802.11n HT40 1TX MODE IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE (HIGH CHANNEL)



Trace Markers

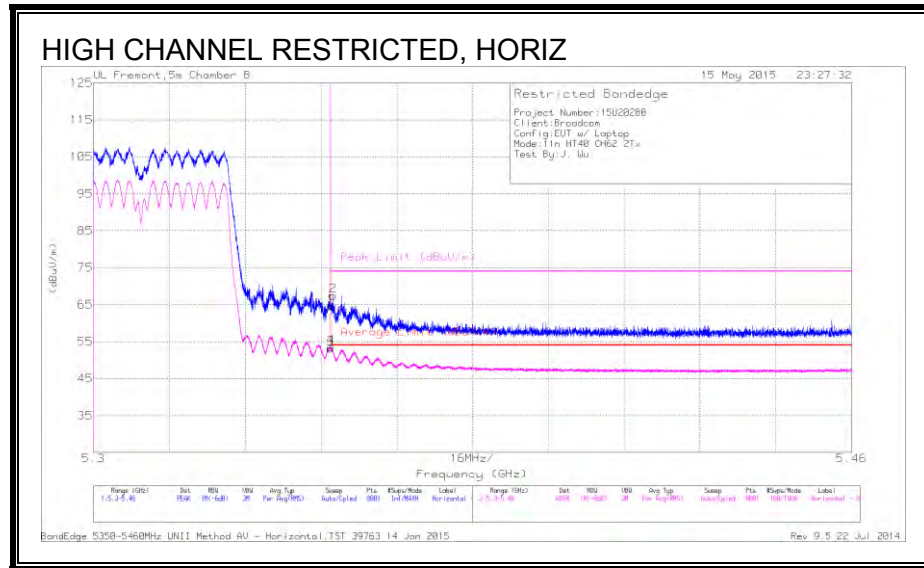
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	22.21	PK	34.4	8.4	0	65.01	-	-	74	-8.99	272	179	H
2	5.35	25.19	PK	34.4	8.4	0	67.99	-	-	74	-6.01	272	179	H
3	5.35	10.66	RMS	34.4	8.4	.09	53.55	54	-45	-	-	272	179	H
4	5.351	10.89	RMS	34.4	8.4	.09	53.78	54	-22	-	-	272	179	H

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

PK - Peak detector
RMS - RMS detection

9.16. TX ABOVE 1 GHz 802.11n HT40 CDD 2TX MODE IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE (HIGH CHANNEL)



Trace Markers

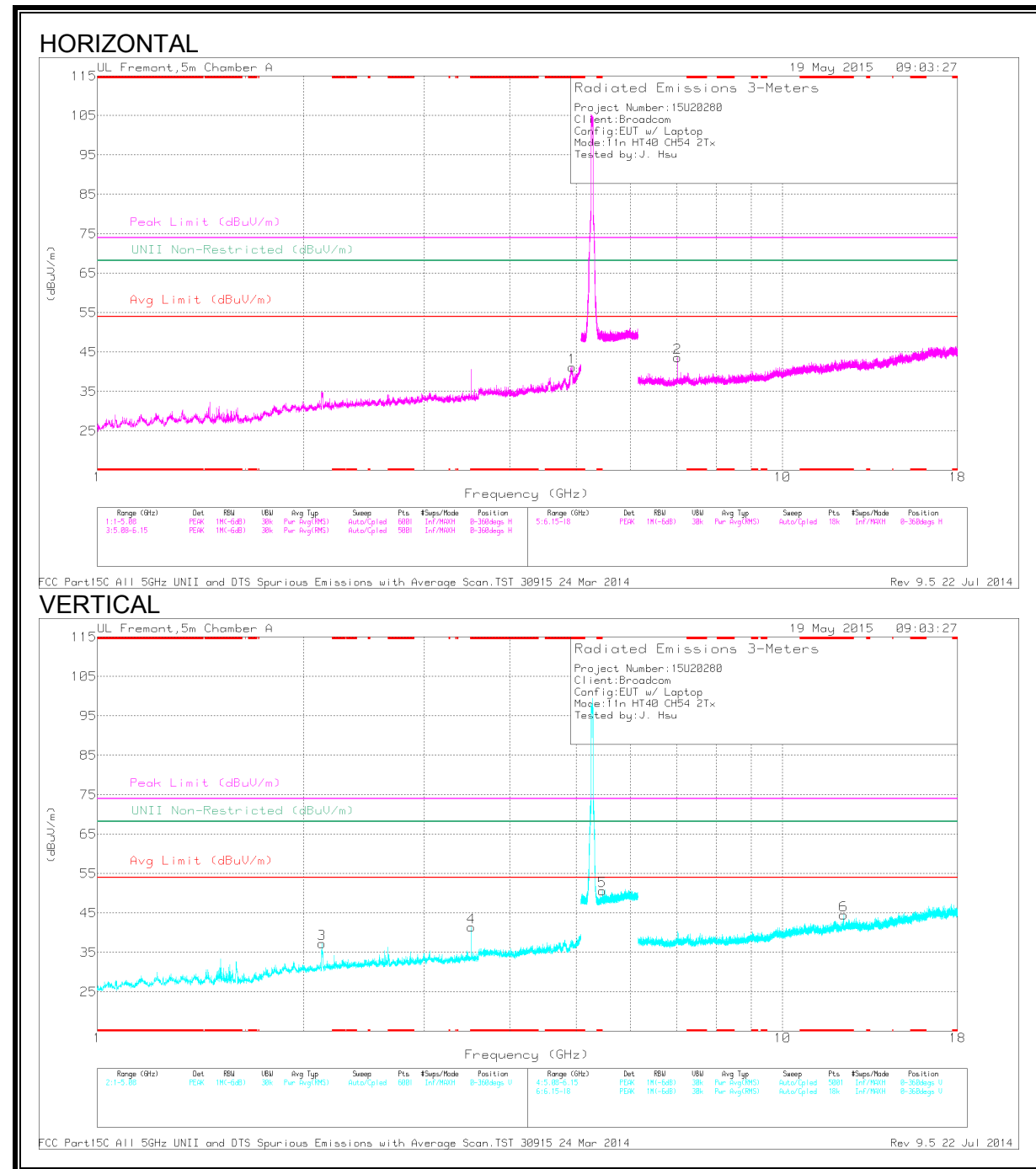
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	21.81	PK	34.4	8.4	0	64.61	-	-	74	-9.39	274	158	H
3	5.35	10.27	RMS	34.4	8.4	.09	53.16	54	-.84	-	-	274	158	H
4	5.35	10.62	RMS	34.4	8.4	.09	53.51	54	-.49	-	-	274	158	H
2	5.351	24.6	PK	34.4	8.4	0	67.4	-	-	74	-6.6	274	158	H

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

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.933	45.07	PK1	33.9	-29.9	0	49.07	-	-	74	-24.93	-	-	341	214	H
	* 4.933	34.45	AD1	33.9	-29.9	.09	38.54	54	-15.46	-	-	-	-	341	214	H
4	* 3.513	47.51	PK1	33.1	-33	0	47.61	-	-	74	-26.39	-	-	252	274	V
	* 3.513	41.69	AD1	33.1	-33	.09	41.88	54	-12.12	-	-	-	-	252	274	V
6	* 12.273	34.52	PK1	38.9	-23.1	0	50.32	-	-	74	-23.68	-	-	33	205	V
	* 12.273	22.82	AD1	38.9	-23.1	.09	38.71	54	-15.29	-	-	-	-	33	205	V
3	2.127	50.07	PK1	31.4	-34.8	0	46.67	-	-	-	-	68.2	-21.53	258	195	V
5	5.46	43.23	PK1	34.5	-20.8	0	56.93	-	-	-	-	68.2	-11.27	161	118	V
2	7.027	40.02	PK1	35.6	-26.7	0	48.92	-	-	-	-	68.2	-19.28	1	226	H

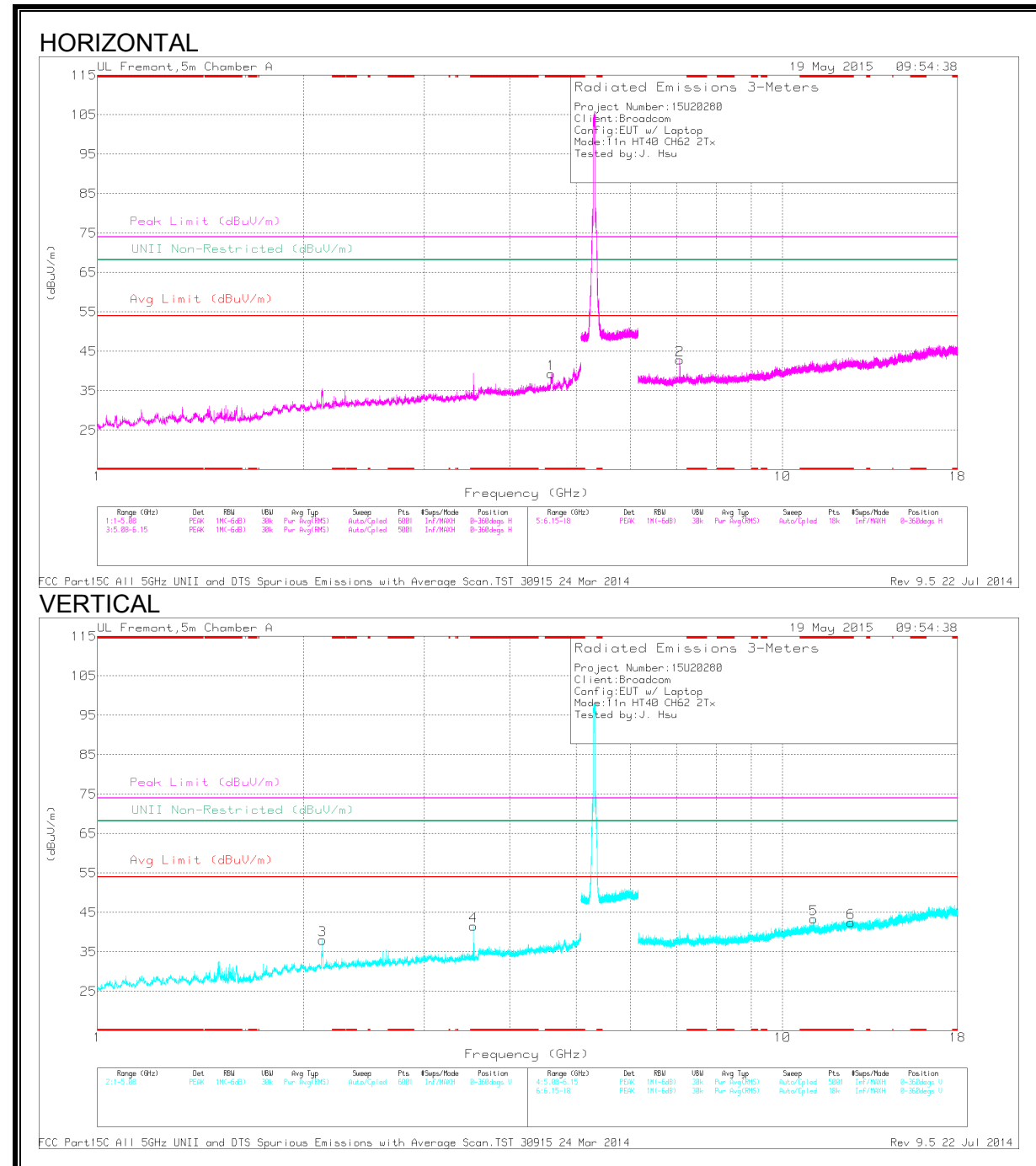
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

HIGH CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.597	44.85	PK1	34	-31.5	0	47.35	-	-	74	-26.65	-	-	341	212	H
	* 4.598	34.19	AD1	34	-31.5	.09	36.78	54	-17.22	-	-	-	-	341	212	H
4	* 3.54	46.11	PK1	33.1	-33.2	0	46.01	-	-	74	-27.99	-	-	350	169	V
	* 3.54	40.54	AD1	33.1	-33.2	.09	40.53	54	-13.47	-	-	-	-	350	169	V
5	* 11.1	34.43	PK1	37.9	-23.1	0	49.23	-	-	74	-24.77	-	-	81	338	V
	* 11.097	23.24	AD1	37.9	-23.1	.09	38.13	54	-15.87	-	-	-	-	81	338	V
6	* 12.582	34.21	PK1	39.1	-23.3	0	50.01	-	-	74	-23.99	-	-	337	299	V
	* 12.585	22.91	AD1	39.1	-23.3	.09	38.8	54	-15.2	-	-	-	-	337	299	V
3	2.129	50.96	PK1	31.4	-34.7	0	47.66	-	-	-	-	68.2	-20.54	3	174	V
2	7.08	41.15	PK1	35.6	-27.2	0	49.55	-	-	-	-	68.2	-18.65	2	206	H

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

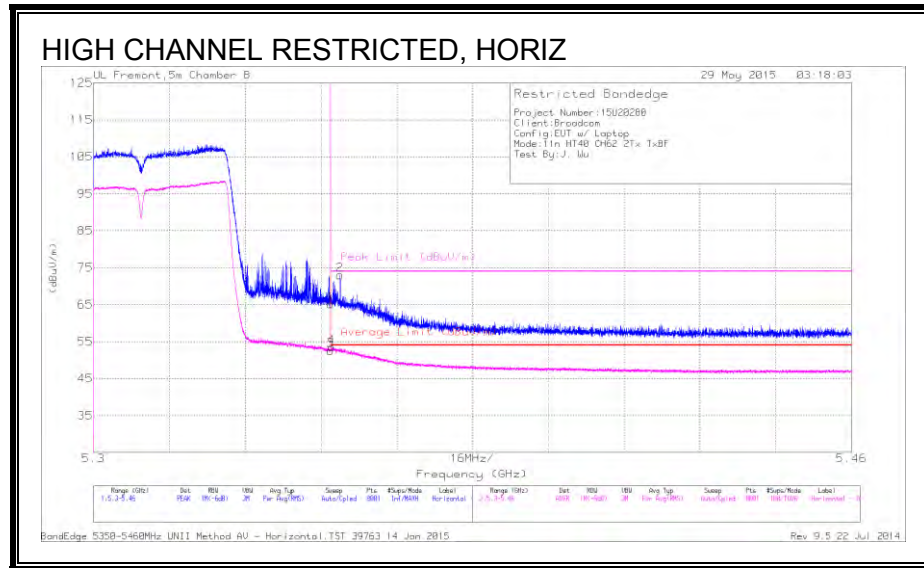
PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

9.17. TX ABOVE 1 GHz 802.11ac HT40 TxBF 2TX MODE IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE (HIGH CHANNEL)



Trace Markers

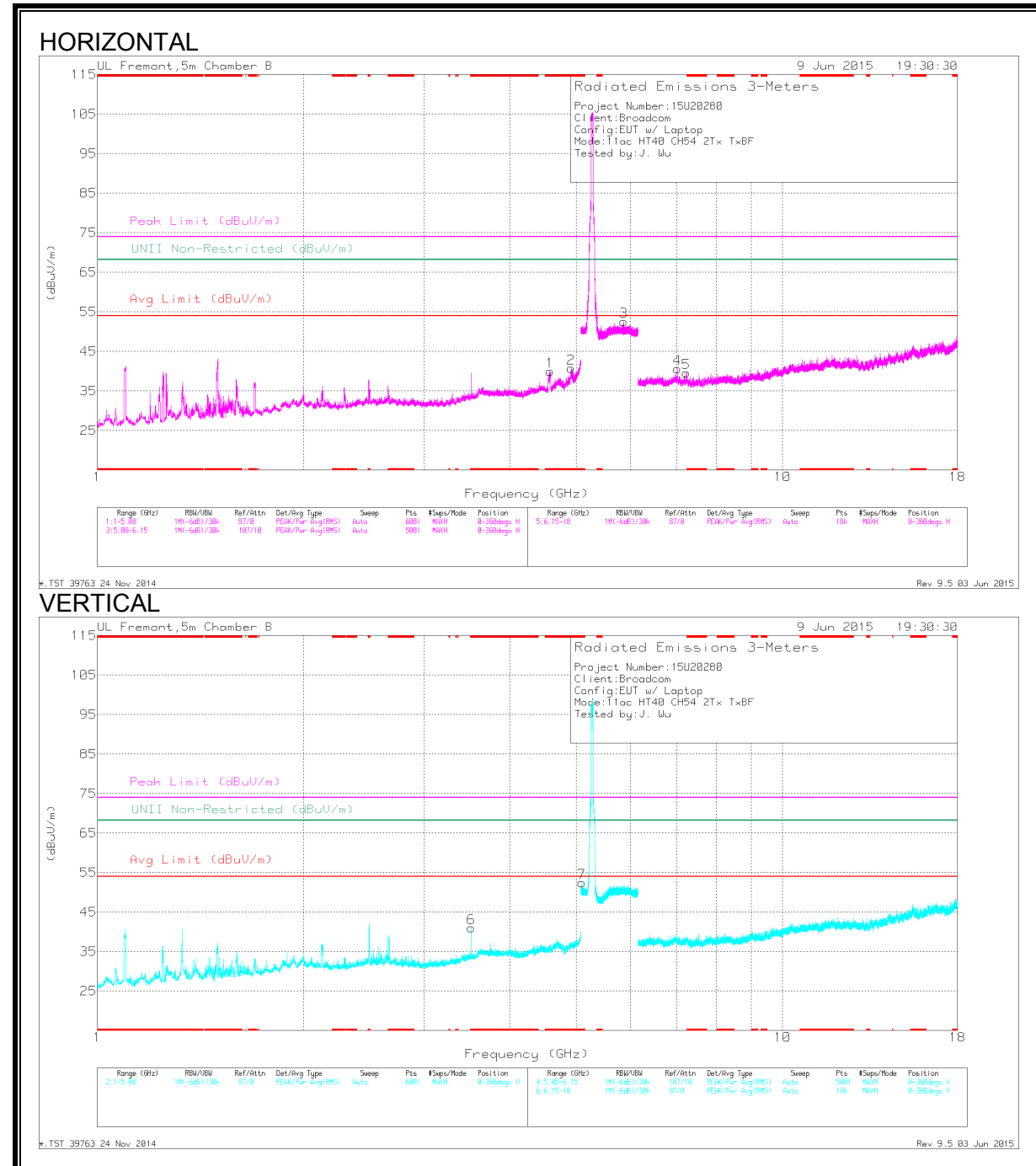
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	22.28	PK	34.4	8.4	0	65.08	-	-	74	-8.92	77	312	H
3	5.35	9.62	RMS	34.4	8.4	.16	52.58	54	-1.42	-	-	77	312	H
4	5.35	10.55	RMS	34.4	8.4	.16	53.51	54	-.49	-	-	77	312	H
2	5.352	30.21	PK	34.4	8.4	0	73.01	-	-	74	-9.99	77	312	H

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

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



Trace Markers

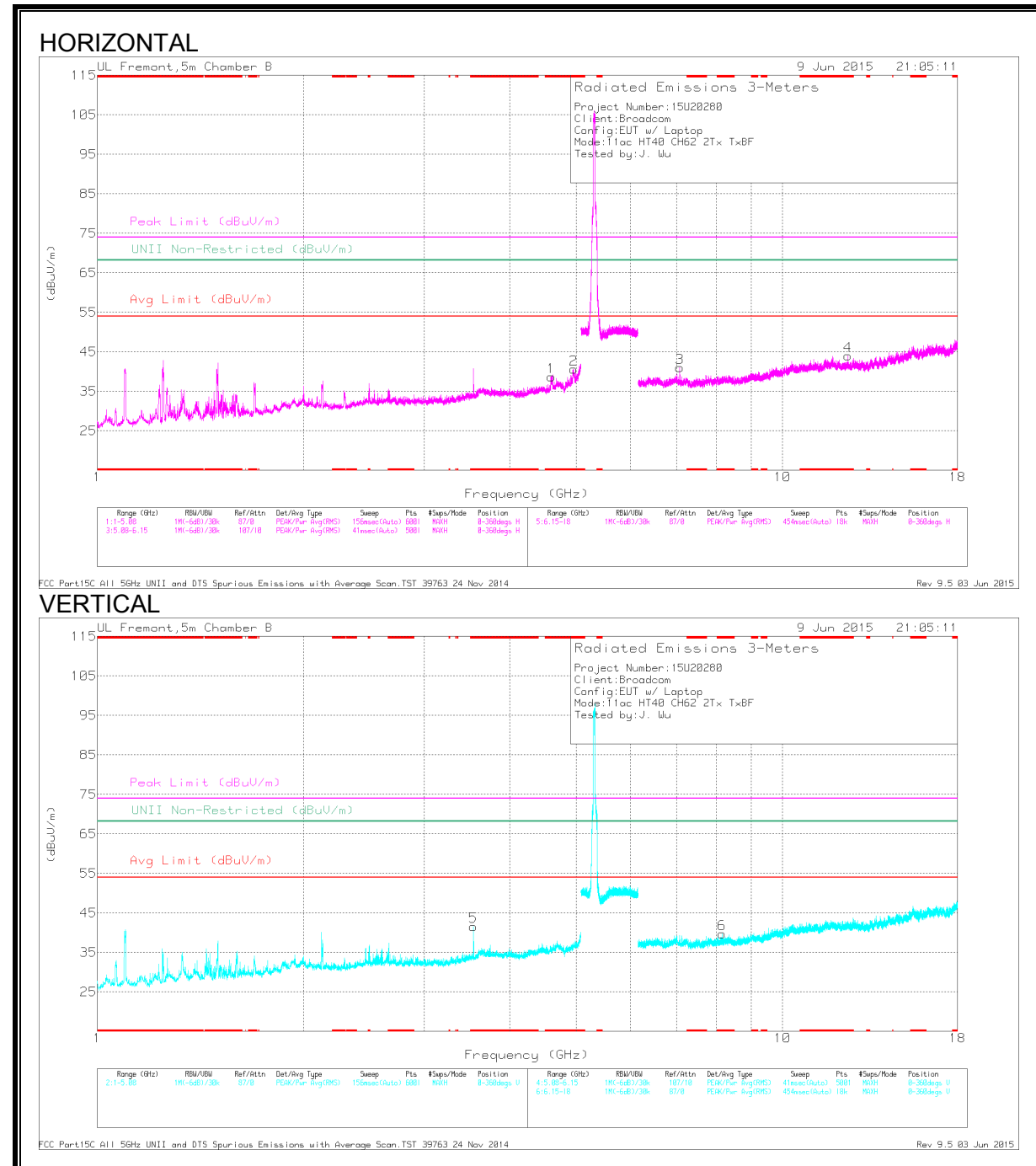
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.582	46.42	PK3	34	-30.1	0	50.32	-	-	74	-23.68	-	-	277	214	H
	* 4.581	35.75	ADR	34	-30.2	.16	39.71	54	-14.29	-	-	-	-	277	214	H
2	* 4.928	45.56	PK3	34.1	-29.1	0	50.56	-	-	74	-23.44	-	-	272	211	H
	* 4.919	35.19	ADR	34.1	-29.1	.16	40.35	54	-13.65	-	-	-	-	272	211	H
6	* 3.513	44.73	PK3	33.6	-31.5	0	46.83	-	-	74	-27.17	-	-	355	270	V
	* 3.513	38.29	ADR	33.6	-31.6	.16	40.45	54	-13.55	-	-	-	-	355	270	V
7	* 5.092	42.29	PK3	34	-17.6	0	58.69	-	-	74	-15.31	-	-	87	120	V
	* 5.091	30.67	ADR	34	-17.6	.16	47.23	54	-6.77	-	-	-	-	87	120	V
3	5.863	40.77	PK3	35.4	-17.3	0	58.87	-	-	-	-	68.2	-9.33	104	200	H
4	7.027	40.5	PK3	35.9	-27.9	0	48.5	-	-	-	-	68.2	-19.7	284	189	H
5	7.235	37.15	PK3	35.3	-26	0	46.45	-	-	-	-	68.2	-21.75	221	102	H

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

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.589	44.16	PK3	34	-29.9	0	48.26	-	-	74	-25.74	-	-	265	213	H
	* 4.598	32.97	ADR	34	-29.6	.16	37.53	54	-16.47	-	-	-	-	265	213	H
2	* 4.956	45.94	PK3	34.1	-28.8	0	51.24	-	-	74	-22.76	-	-	272	209	H
	* 4.956	35.41	ADR	34.1	-28.8	.16	40.87	54	-13.13	-	-	-	-	272	209	H
5	* 3.54	45.25	PK3	33.7	-31.7	0	47.25	-	-	74	-26.75	-	-	359	199	V
	* 3.54	39.2	ADR	33.7	-31.7	.16	41.36	54	-12.64	-	-	-	-	359	199	V
4	* 12.464	34.32	PK3	38.6	-22.6	0	50.32	-	-	74	-23.68	-	-	212	102	H
	* 12.465	22.72	ADR	38.6	-22.6	.16	38.88	54	-15.12	-	-	-	-	212	102	H
6	* 8.155	38.06	PK3	35.7	-26.4	0	47.36	-	-	74	-26.64	-	-	348	200	V
	* 8.155	25.97	ADR	35.7	-26.4	.16	35.43	54	-18.57	-	-	-	-	348	200	V
3	7.08	40.85	PK3	35.7	-28.4	0	48.15	-	-	-	-	68.2	-20.05	281	199	H

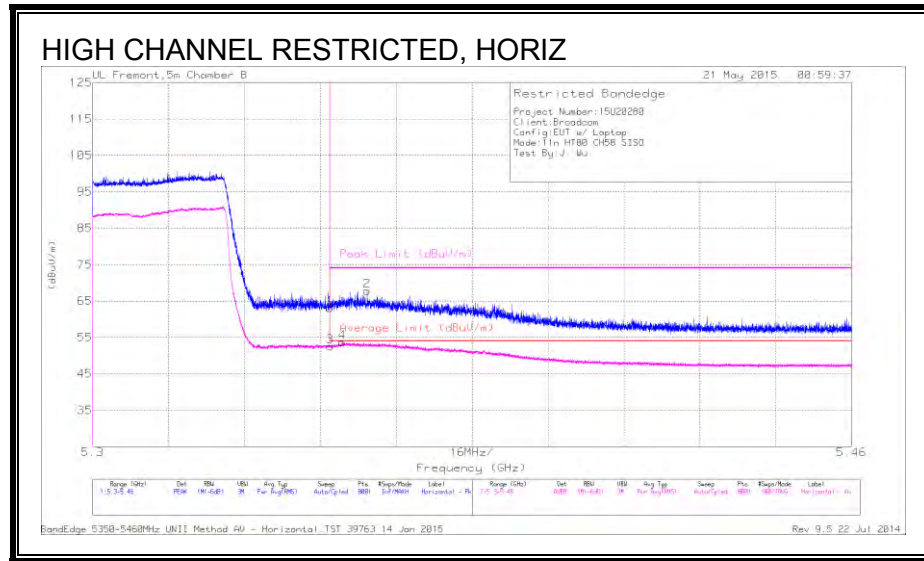
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.18. TX ABOVE 1 GHz 802.11ac VHT80 1TX MODE IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE (HIGH CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Bypass (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	20.32	PK	34.4	8.4	0	63.12	-	-	74	-10.88	271	392	H
3	5.35	9.58	RMS	34.4	8.4	.19	52.57	54	-1.43	-	-	271	392	H
4	5.353	10.73	RMS	34.4	8.4	.19	53.72	54	-.28	-	-	271	392	H
2	5.358	24.96	PK	34.4	8.4	0	67.76	-	-	74	-6.24	271	392	H

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

PK - Peak detector
RMS - RMS detection