

UNII-3 BAND

Antenna Gain and Limit

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	5.92	3.56	6.57	30.00	29.43

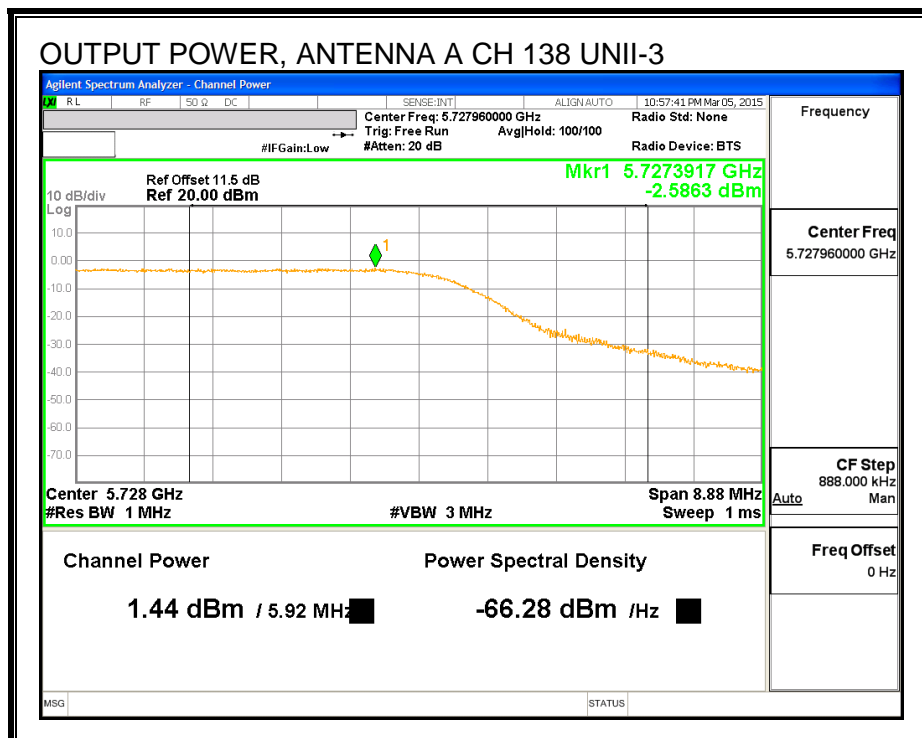
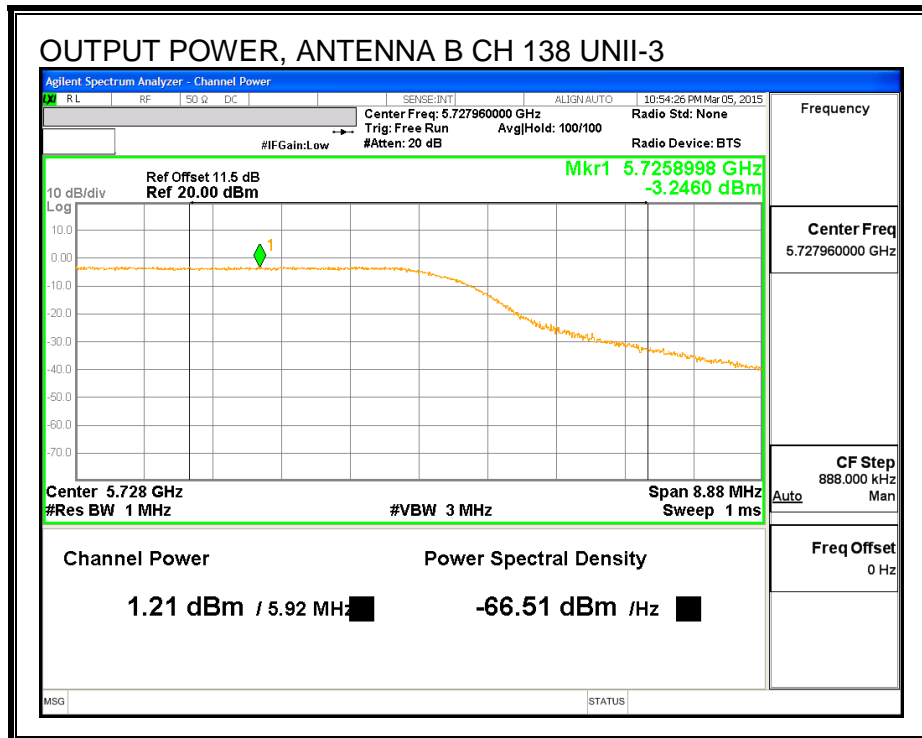
Duty Cycle CF (dB)	0.21	Included in Calculations of Corr'd Power & PSD
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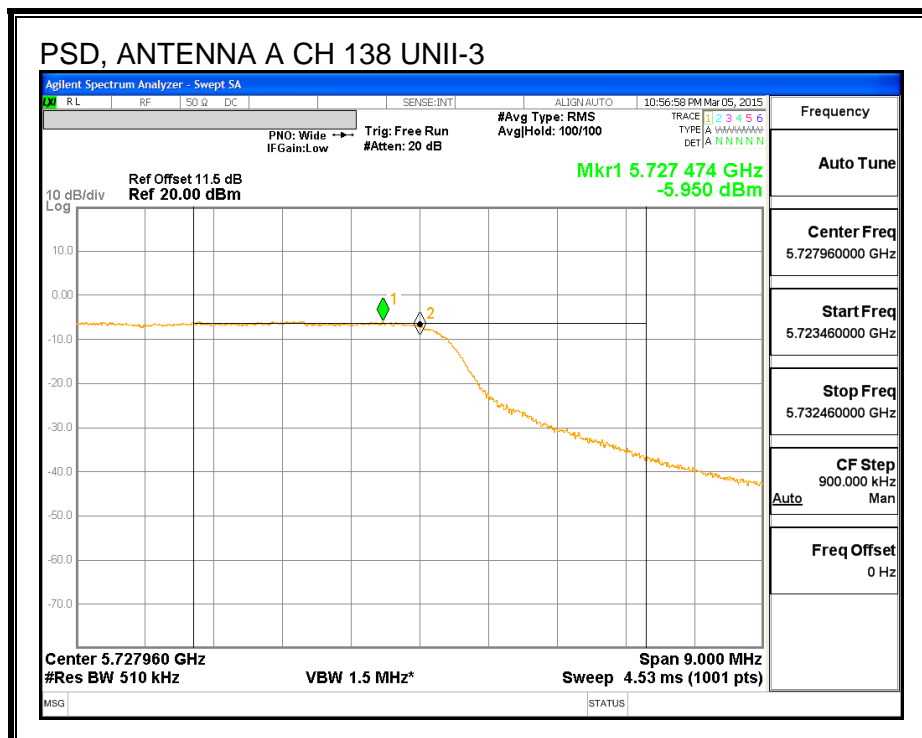
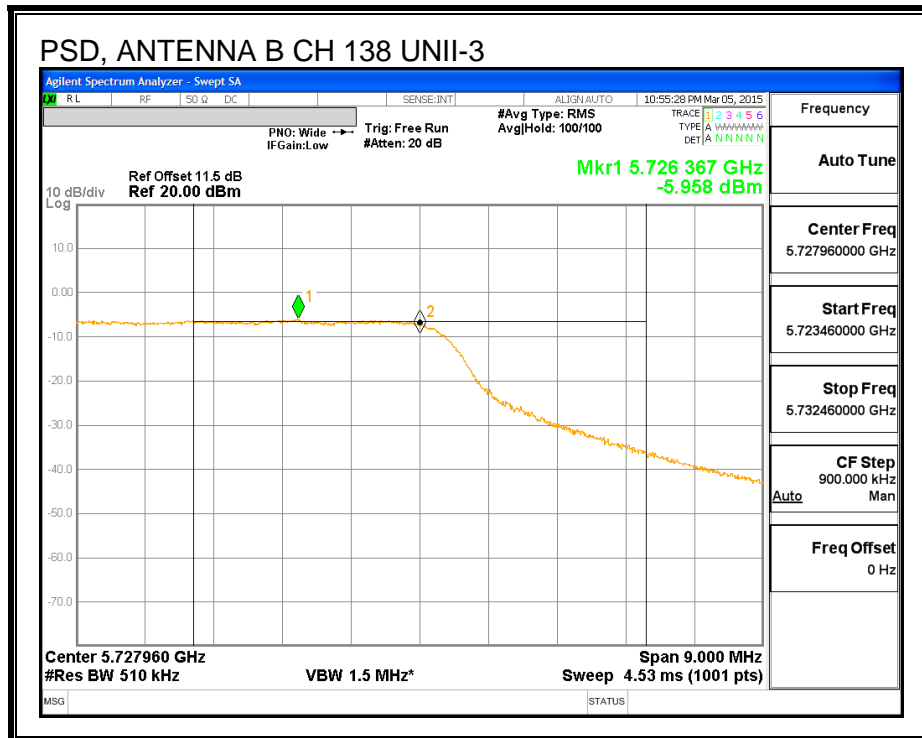
Output Power Results

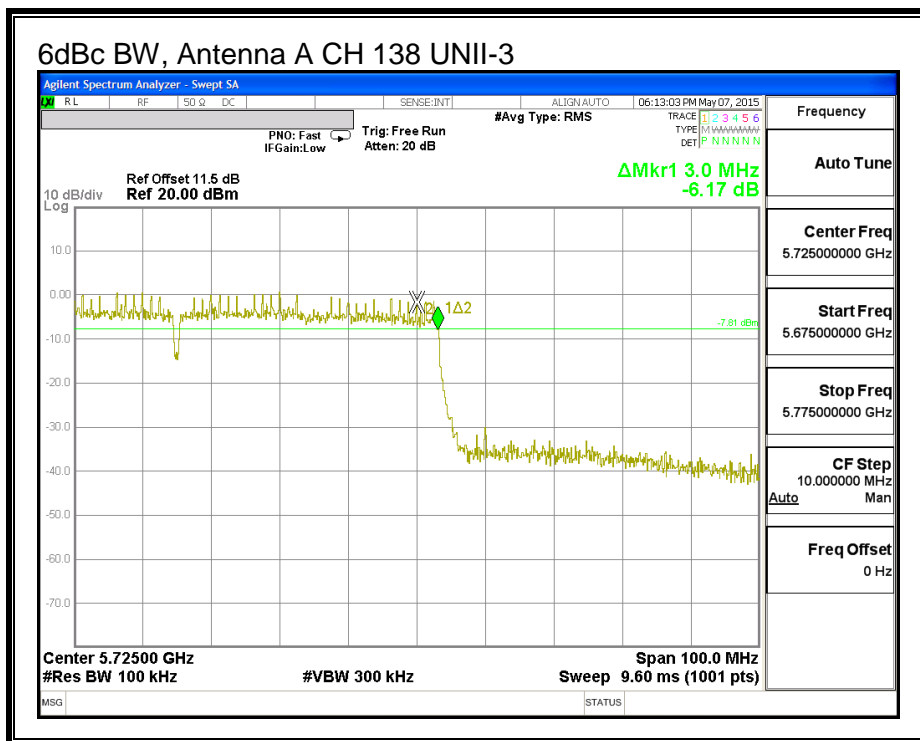
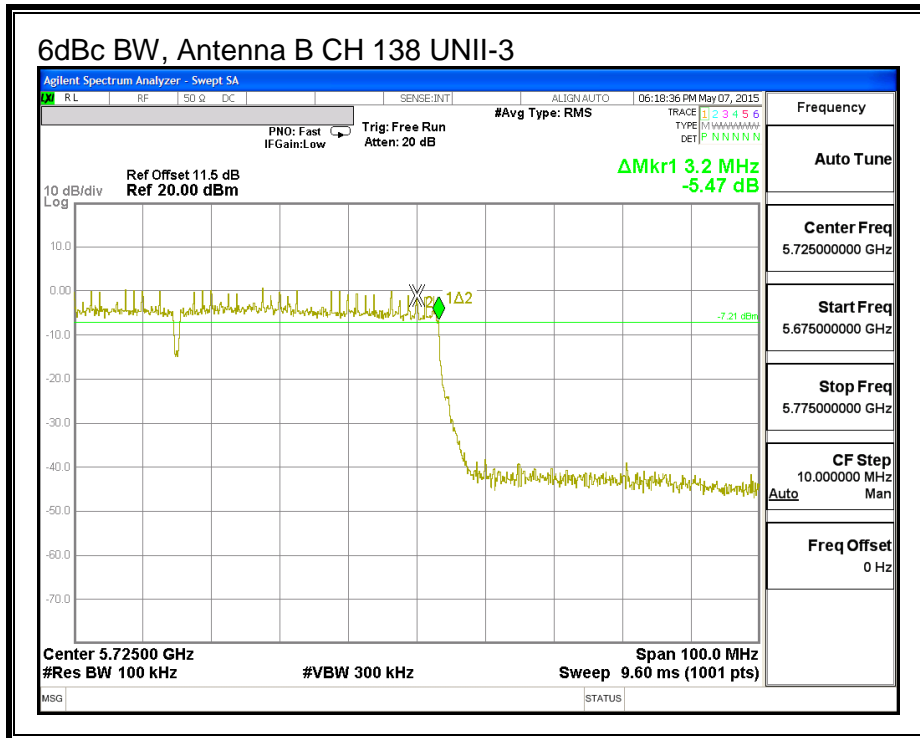
Channel	Frequency (MHz)	Antenna B Meas Power (dBm)	Antenna A Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
138	5690	1.21	1.44	4.55	30.00	-25.45

PSD Results

Channel	Frequency (MHz)	Antenna B Meas PSD (dBm)	Antenna A Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
138	5690	-5.96	-5.95	-2.73	29.43	-32.16







8.25. 802.11n HT20 SISO MODE IN THE 5.8 GHz BAND

8.25.1. 6 dB BANDWIDTH

LIMITS

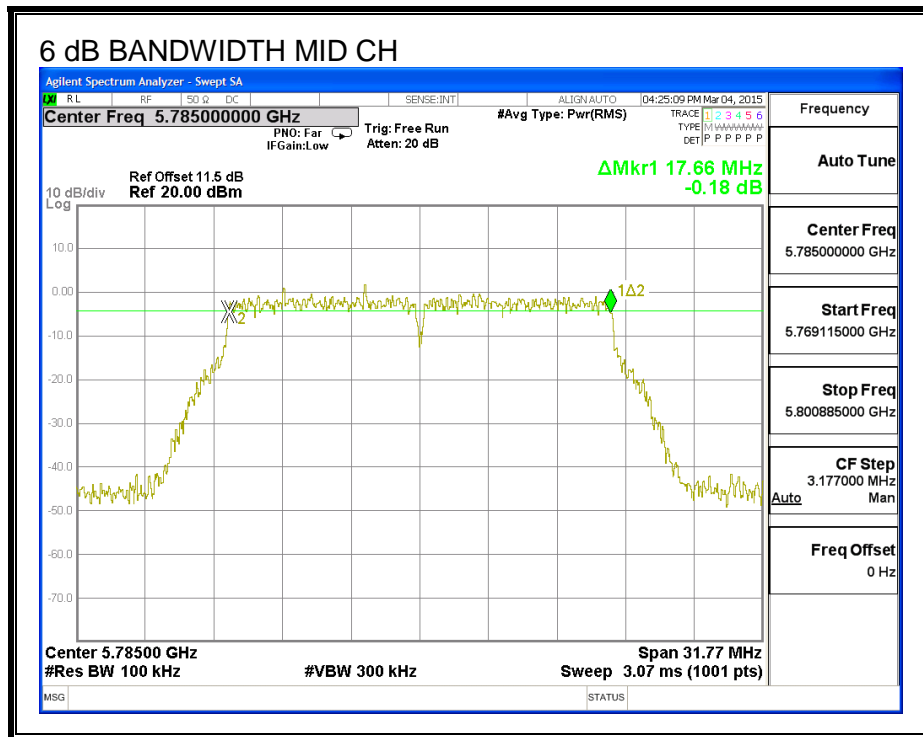
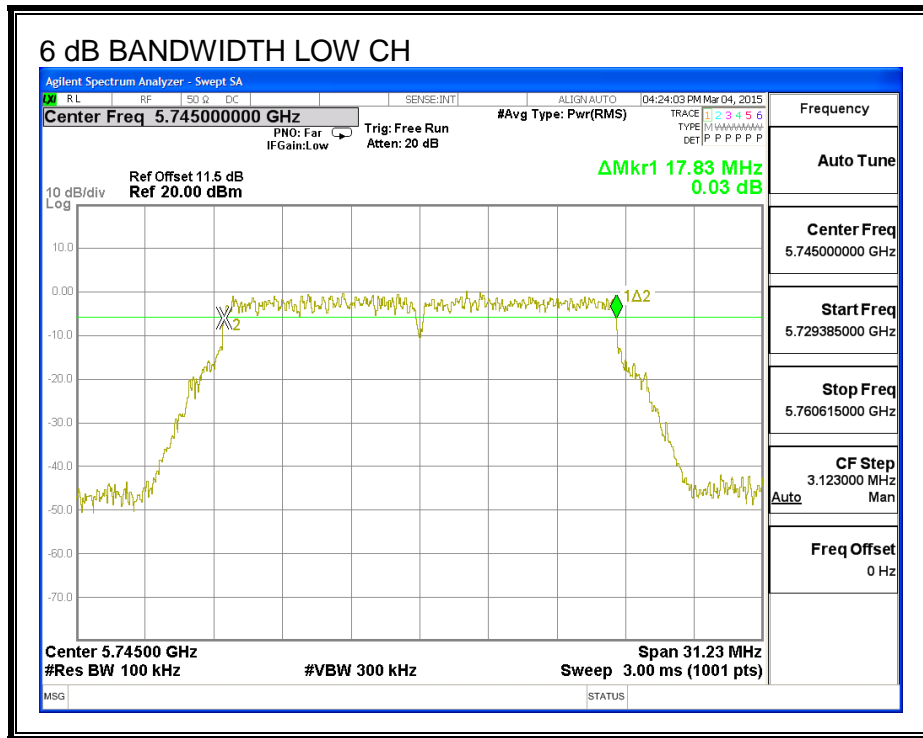
FCC §15.407 (e)

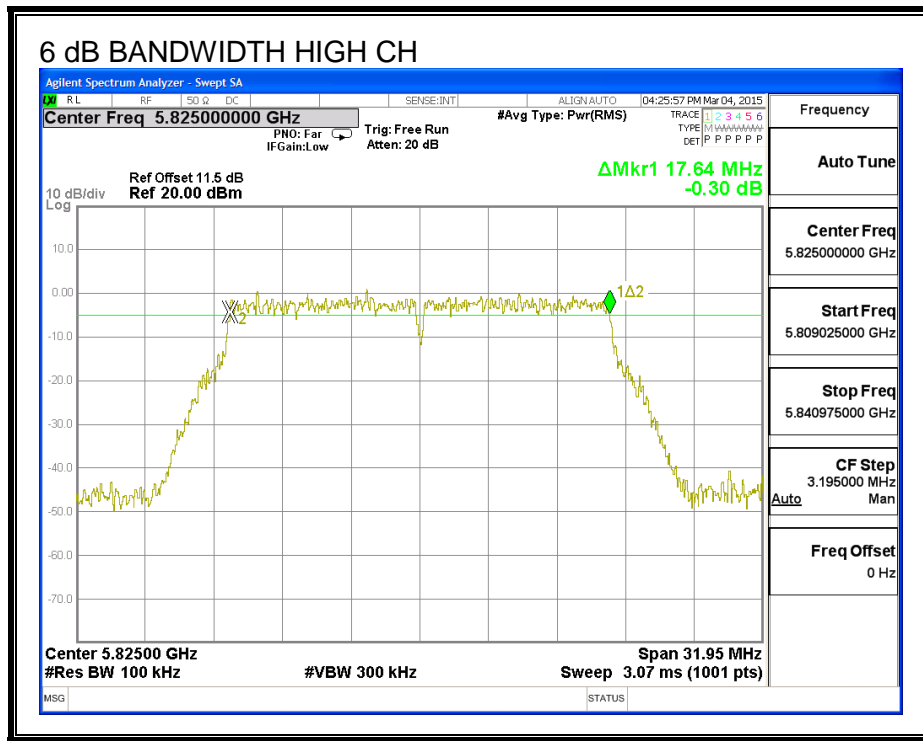
The minimum 6 dB bandwidth shall be at least 500 kHz.

RESULTS

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	17.83	0.5
Mid	5785	17.66	0.5
High	5825	17.64	0.5

6 dB BANDWIDTH





8.25.2. 26 dB BANDWIDTH

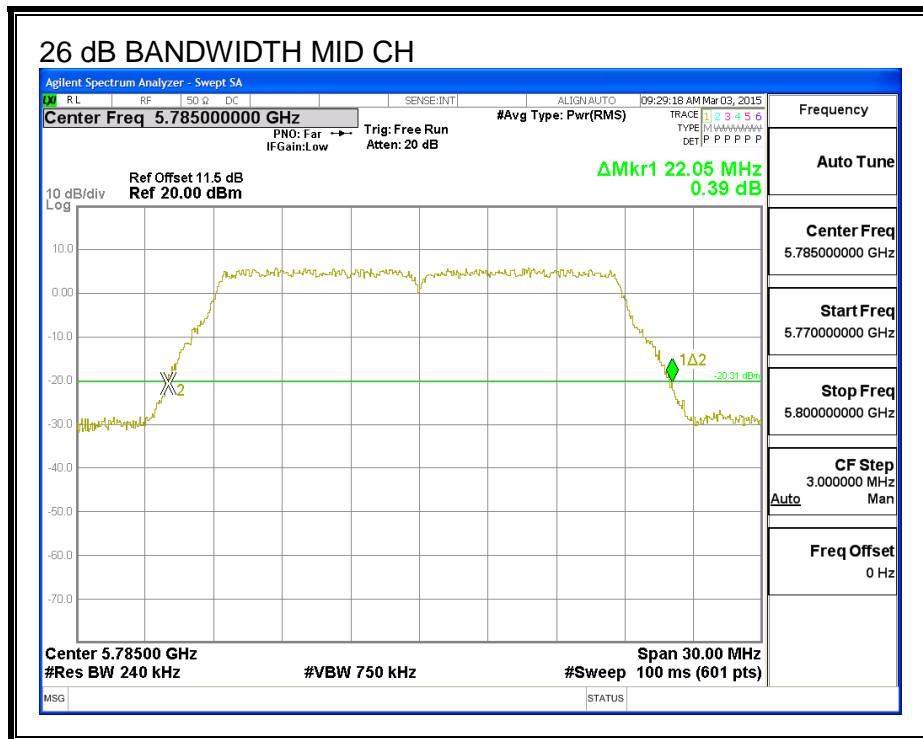
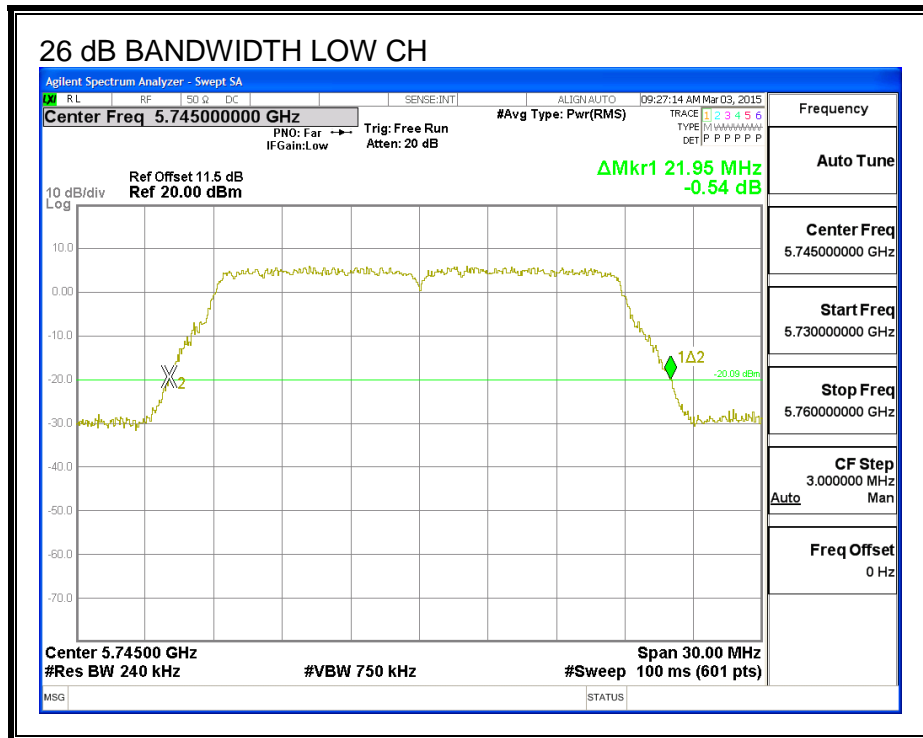
LIMITS

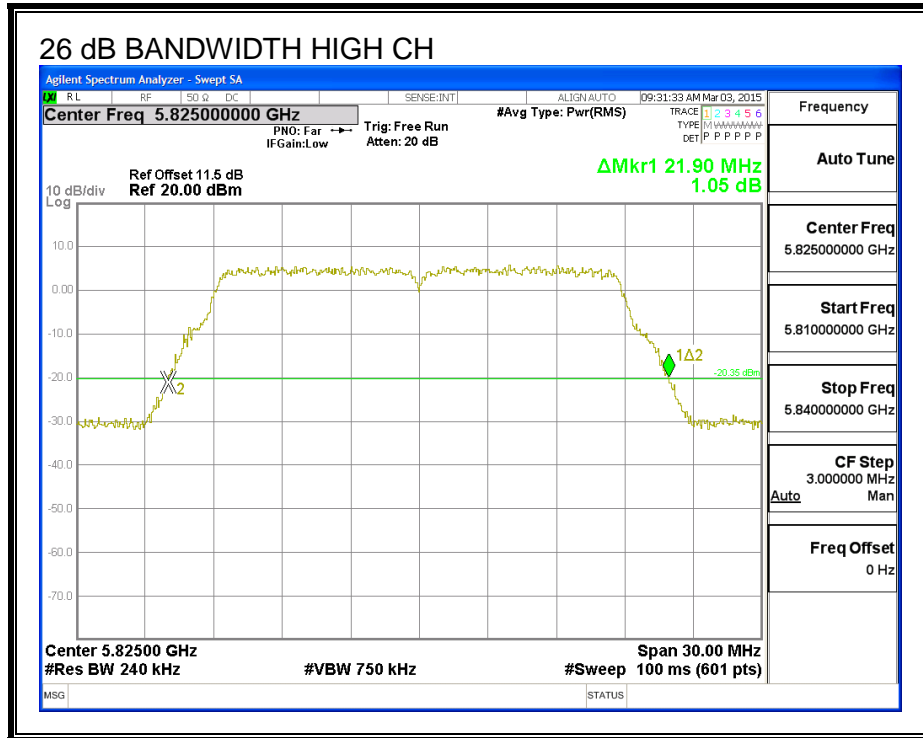
None, for reporting purposes only

RESULTS

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
Low	5745	21.95
Mid	5785	22.05
High	5825	21.90

26 dB BANDWIDTH





8.25.3. 99% BANDWIDTH

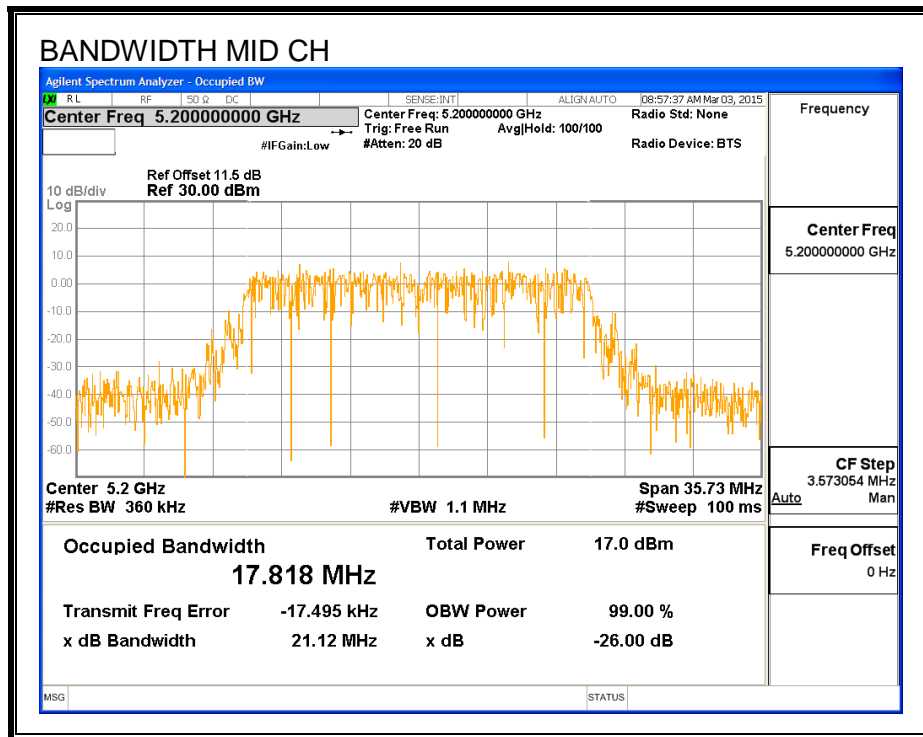
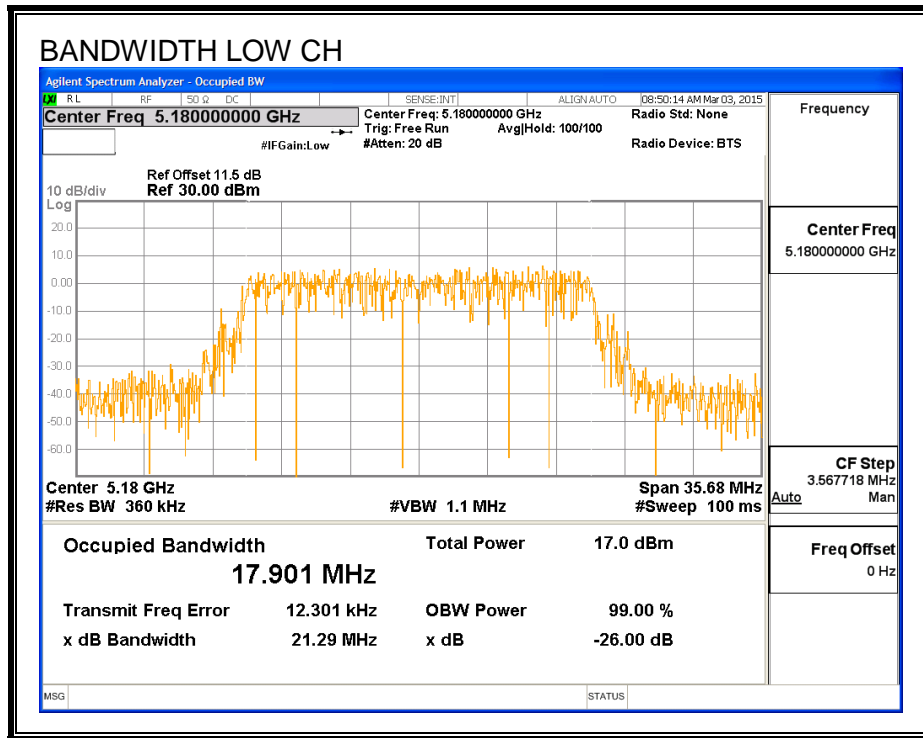
LIMITS

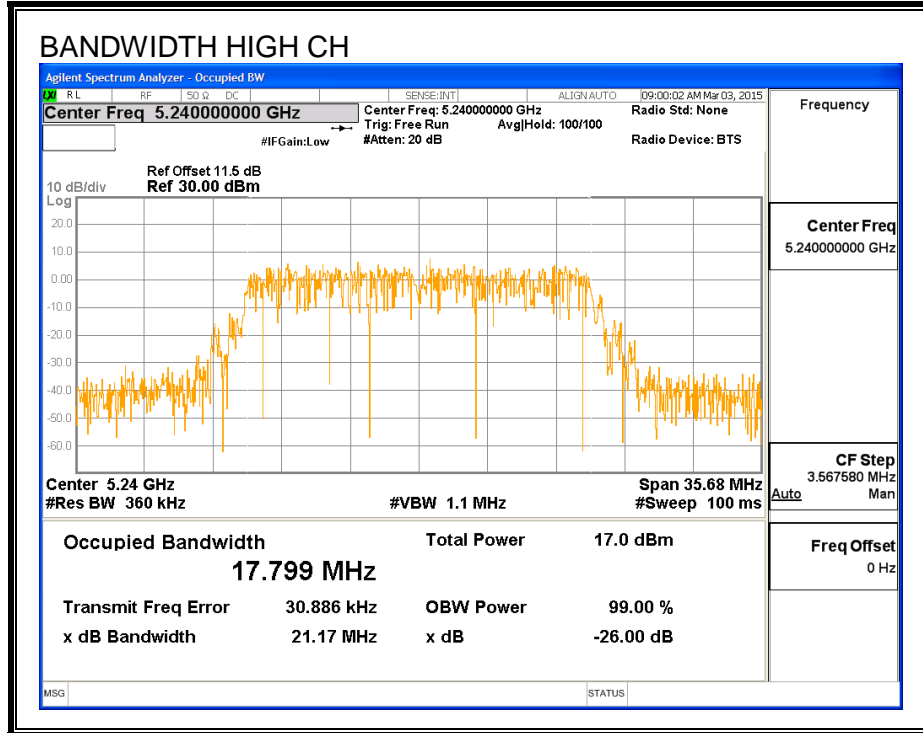
None; for reporting purposes only.

RESULTS

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5745	17.901
Mid	5785	17.818
High	5825	17.799

99% BANDWIDTH





8.25.4. AVERAGE POWER

LIMITS

None; for reporting purposes only.

RESULTS

Channel	Frequency (MHz)	Power (dBm)
Low	5745	15.97
Mid	5785	16.92
High	5825	15.77

8.25.5. 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

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

RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low	5745	3.70	30.00
Mid	5785	3.70	30.00
High	5825	3.70	30.00

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

Channel	Frequency (MHz)	Antenna B Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	15.97	15.97	30.00	-14.03
Mid	5785	16.92	16.92	30.00	-13.08
High	5825	15.77	15.77	30.00	-14.23

8.25.6. 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

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

RESULTS

Antenna Gain and Limits

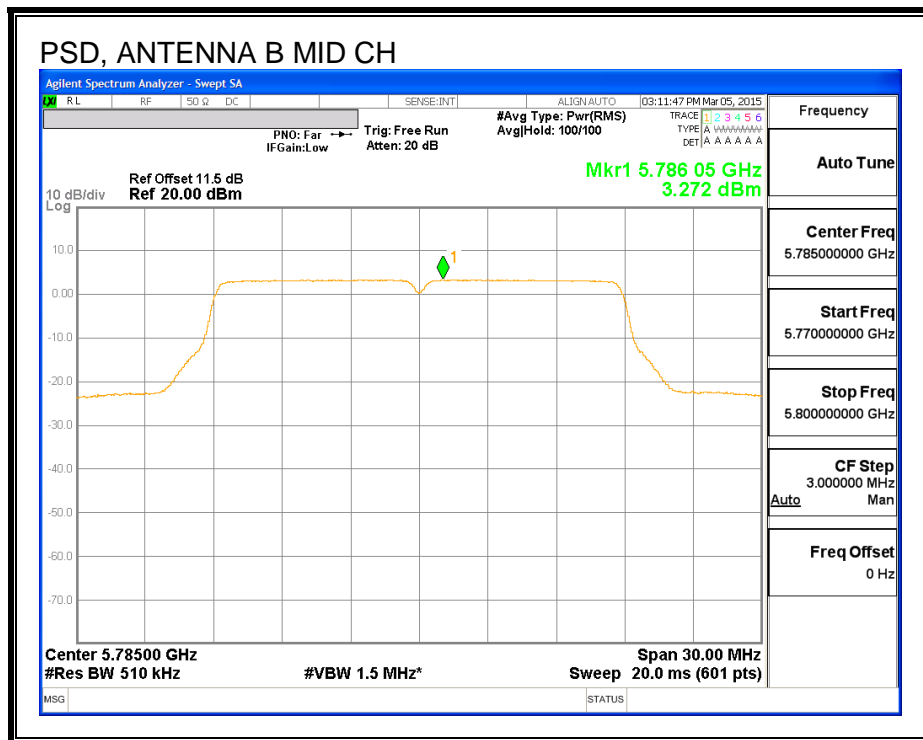
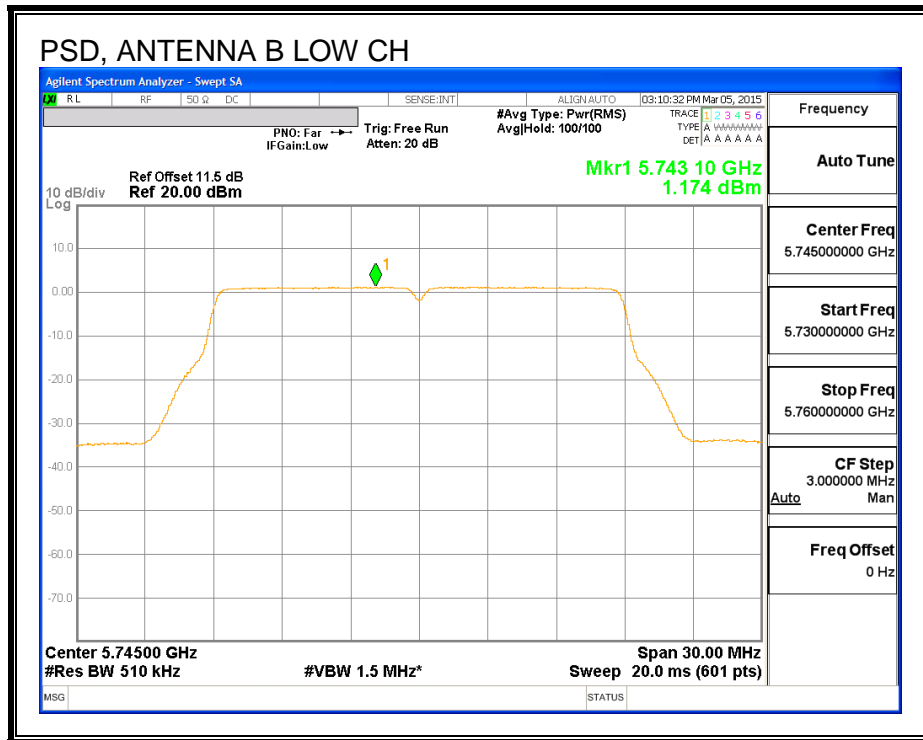
Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Low	5745	3.70	30.00
Mid	5785	3.70	30.00
High	5825	3.70	30.00

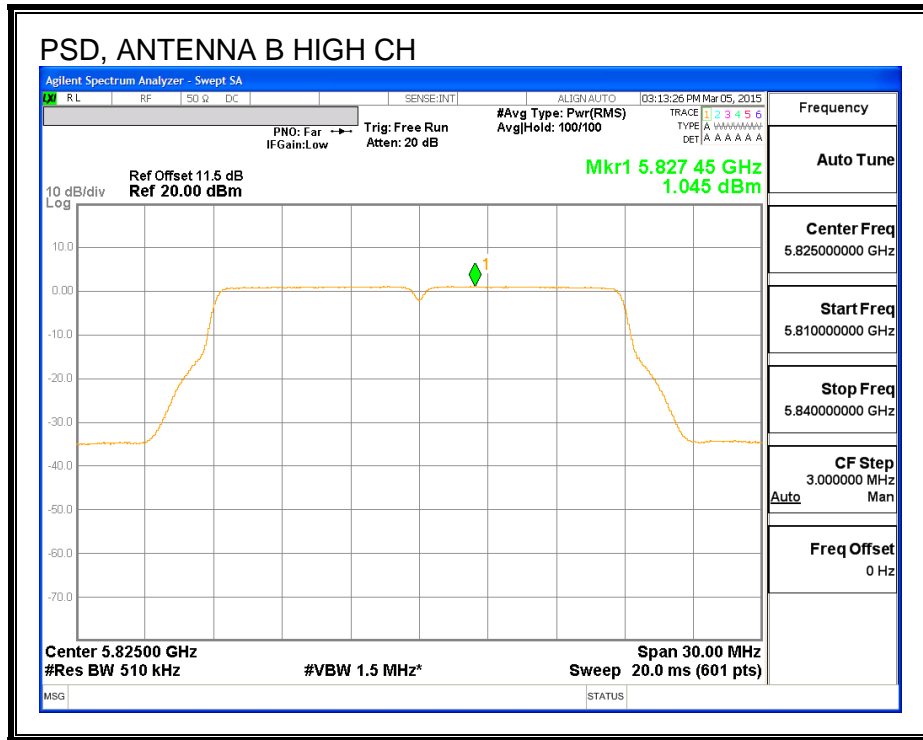
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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PSD Results

Channel	Frequency (MHz)	Antenna B Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5745	1.17	1.17	30.00	-28.83
Mid	5785	3.27	3.27	30.00	-26.73
High	5825	1.05	1.05	30.00	-28.96

PSD, ANTENNA B





8.26. 802.11n HT20 2Tx CDD MODE IN THE 5.8 GHz BAND

8.26.1. 6 dB BANDWIDTH

LIMITS

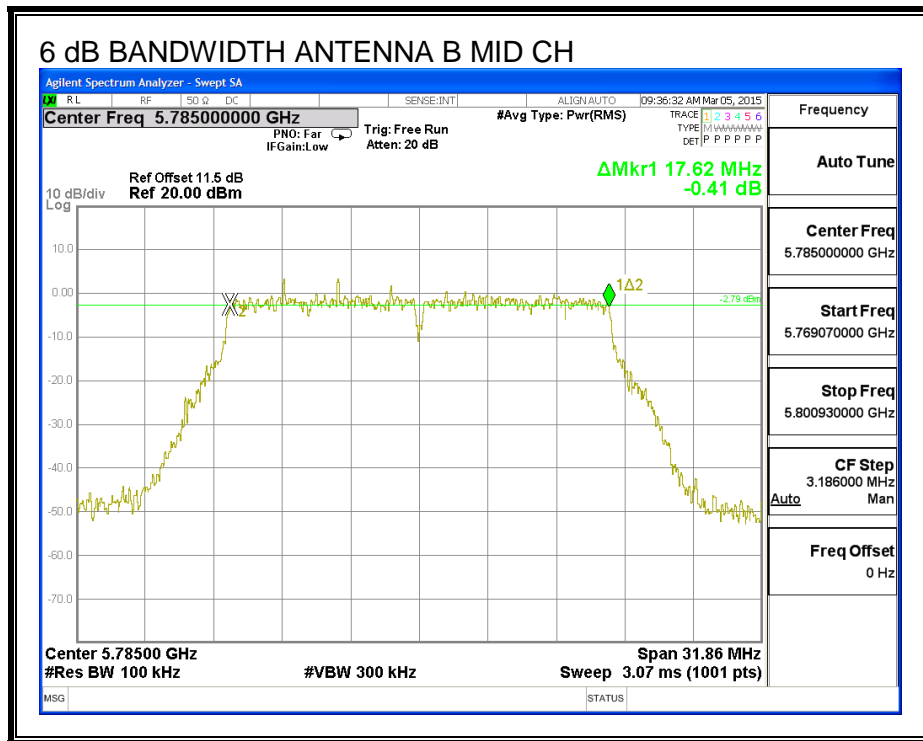
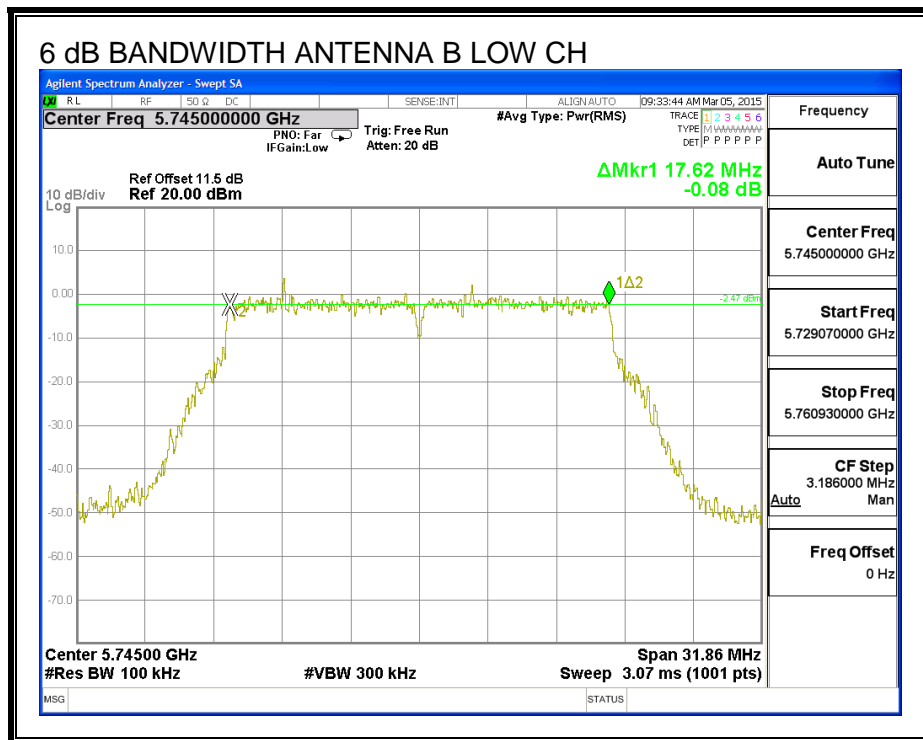
FCC §15.407 (e)

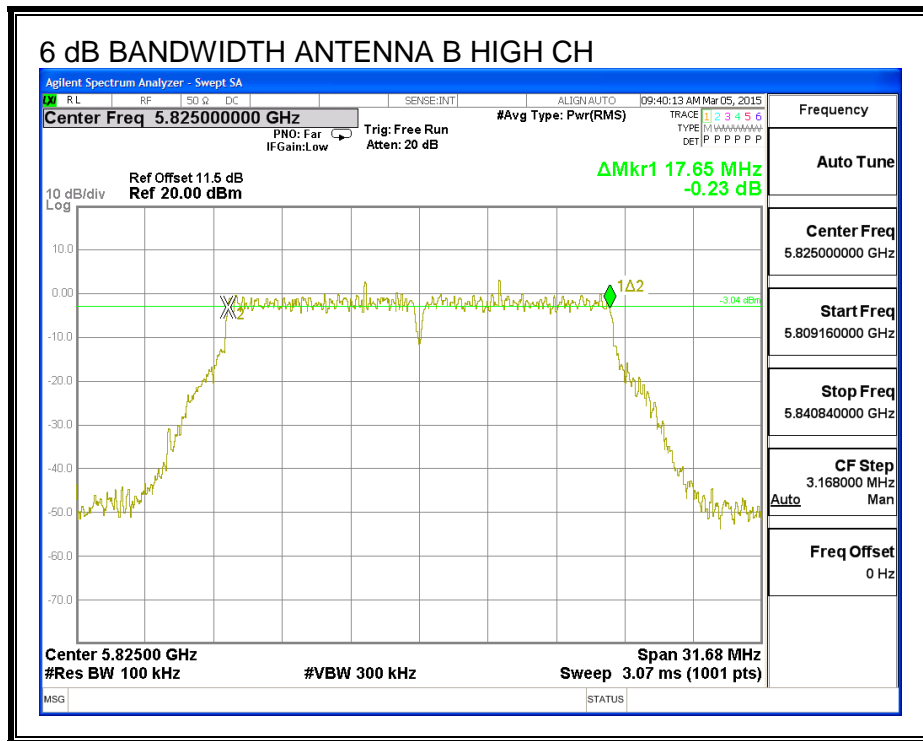
The minimum 6 dB bandwidth shall be at least 500 kHz.

RESULTS

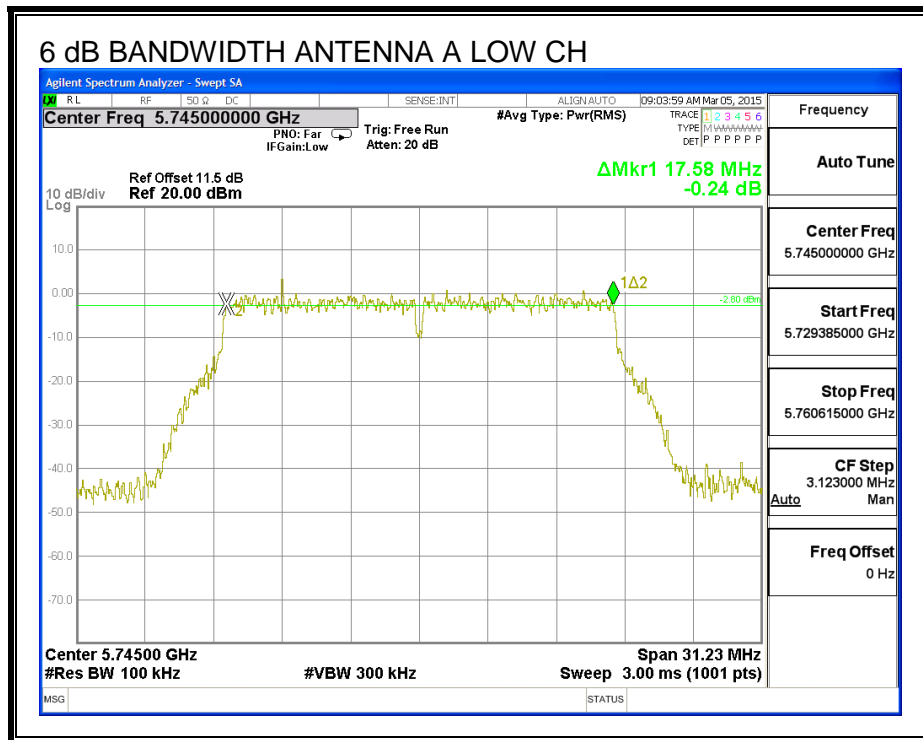
Channel	Frequency (MHz)	6 dB BW Antenna B (MHz)	6 dB BW Antenna A (MHz)	Minimum Limit (MHz)
Low	5745	17.6	17.6	0.5
Mid	5785	17.6	17.6	0.5
High	5825	17.7	17.6	0.5

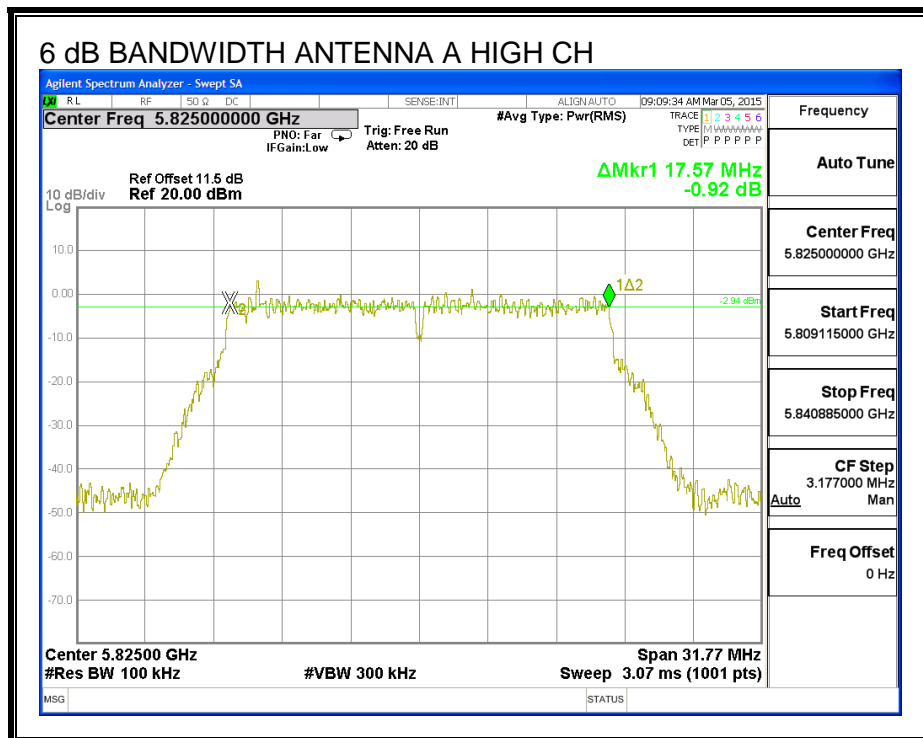
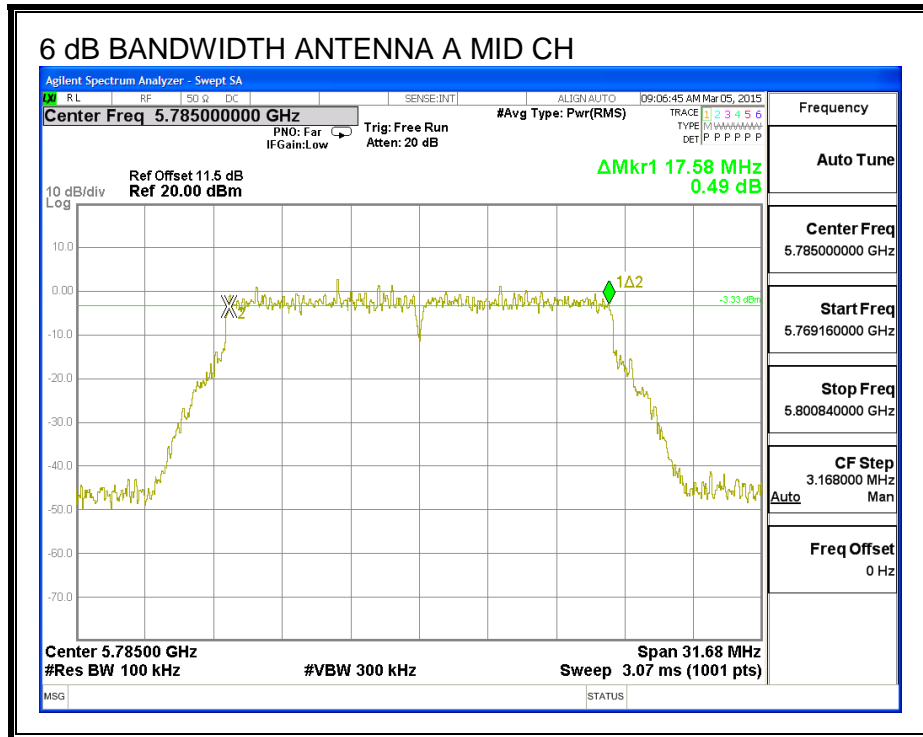
6 dB BANDWIDTH, ANTENNA B





6 dB BANDWIDTH, ANTENNA A





8.26.2. 26 dB BANDWIDTH

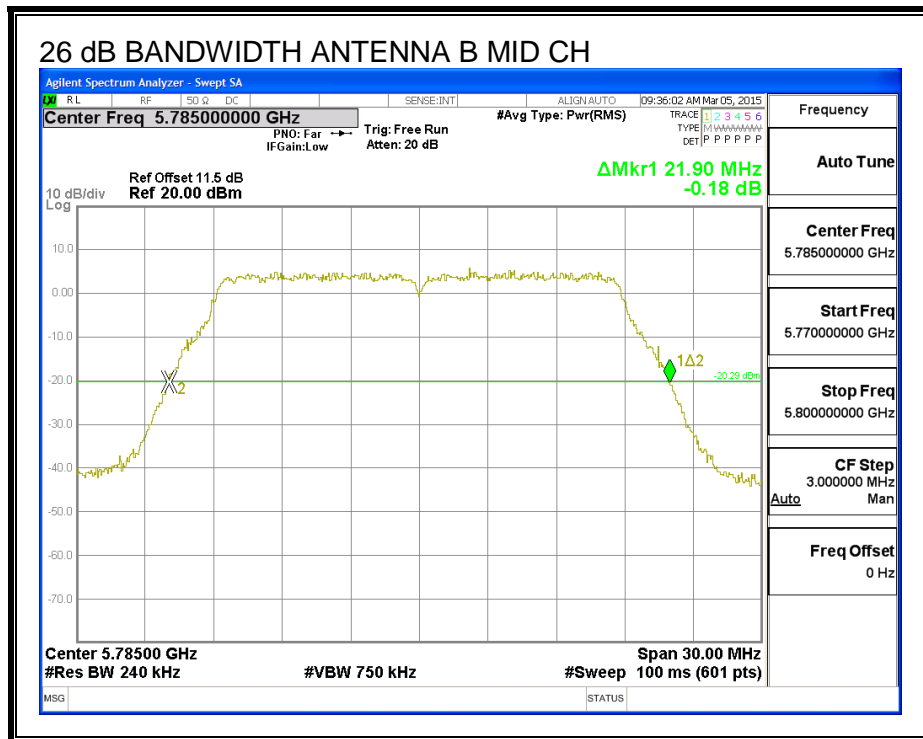
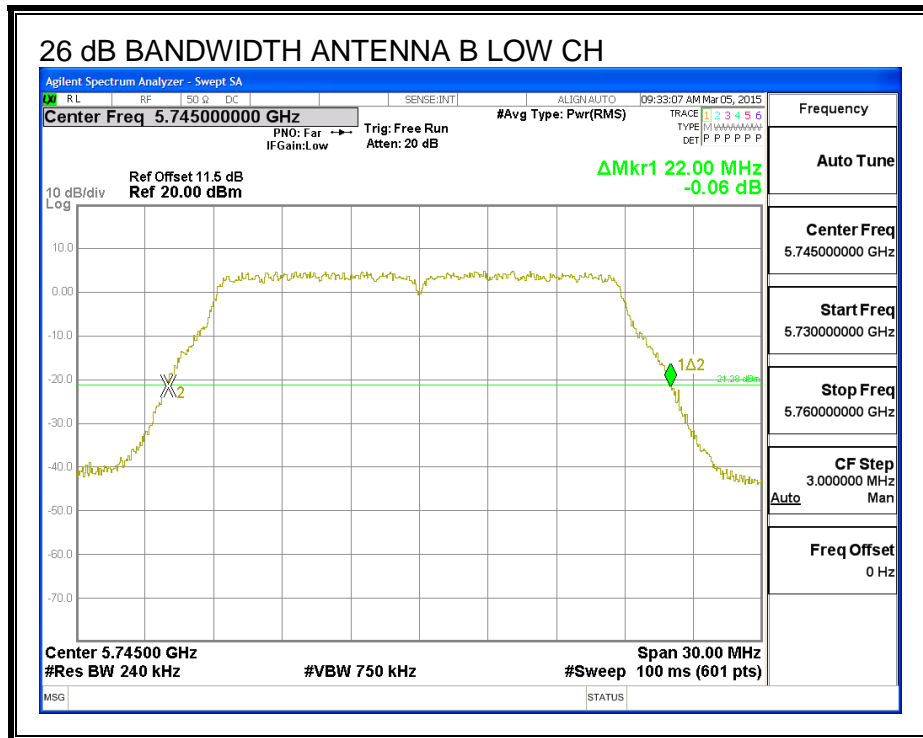
LIMITS

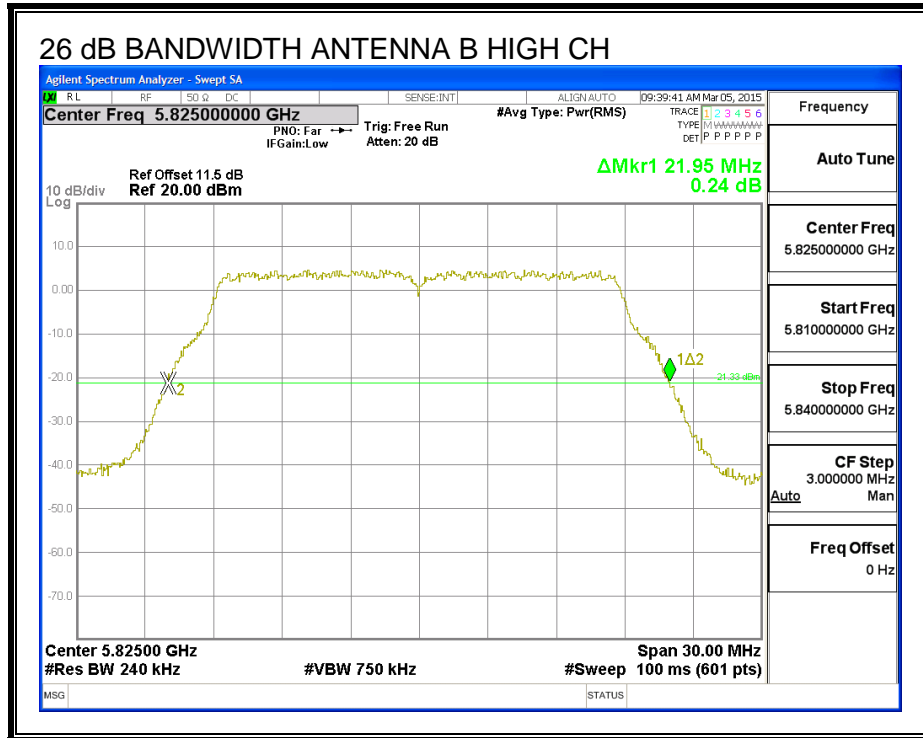
None, for reporting purposes only.

RESULTS

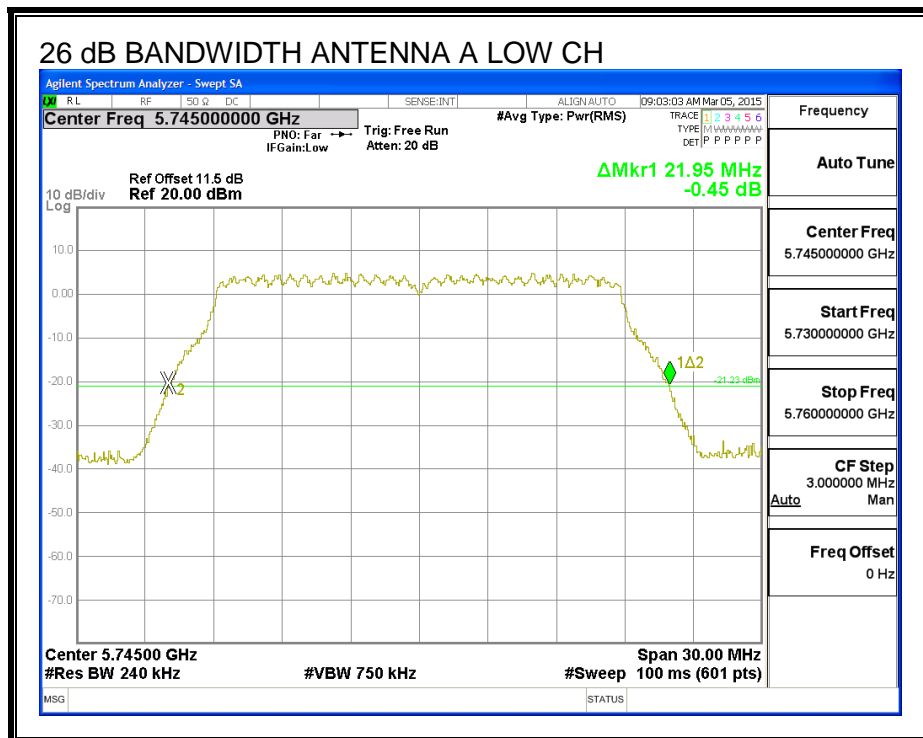
Channel	Frequency (MHz)	26 dB BW Antenna B (MHz)	26 dB BW Antenna A (MHz)
Low	5745	22.00	21.95
Mid	5785	21.90	22.00
High	5825	21.95	21.75

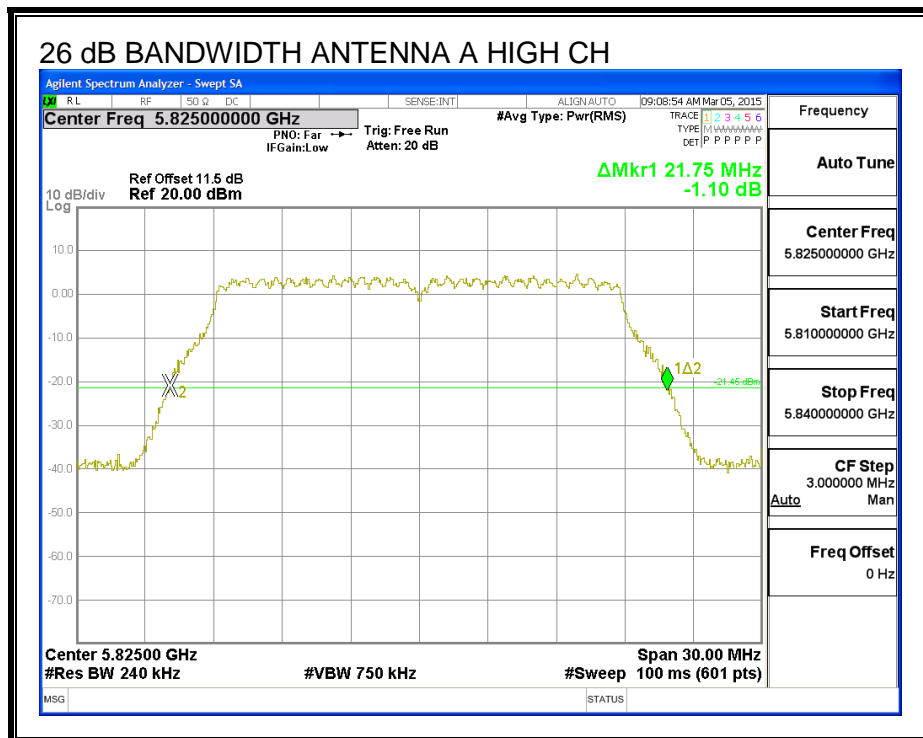
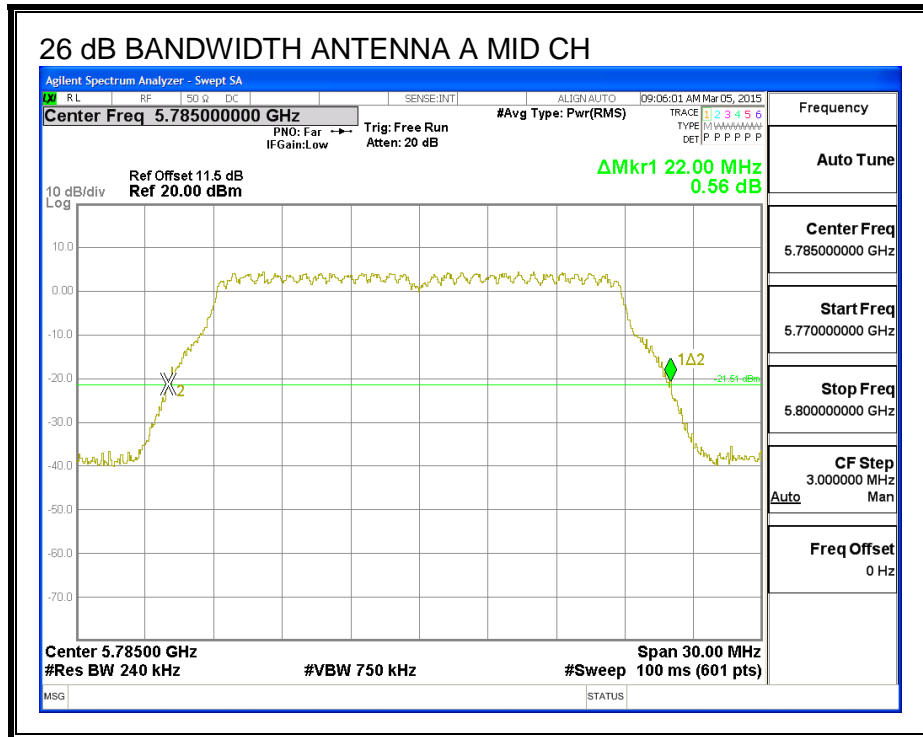
26 dB BANDWIDTH, ANTENNA B





26 dB BANDWIDTH, ANTENNA A





8.26.3. 99% BANDWIDTH

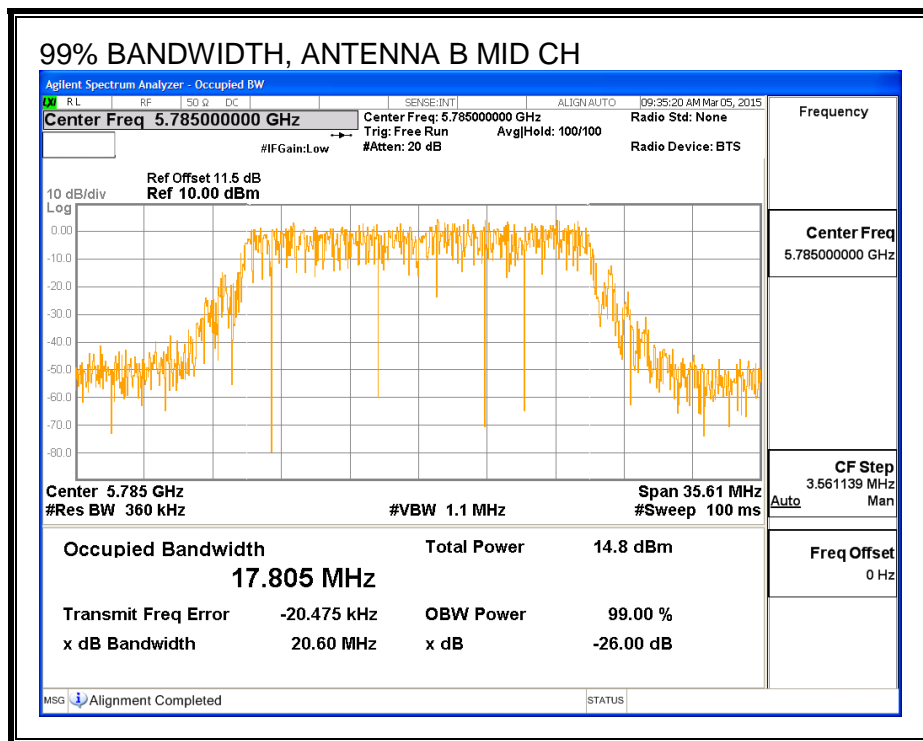
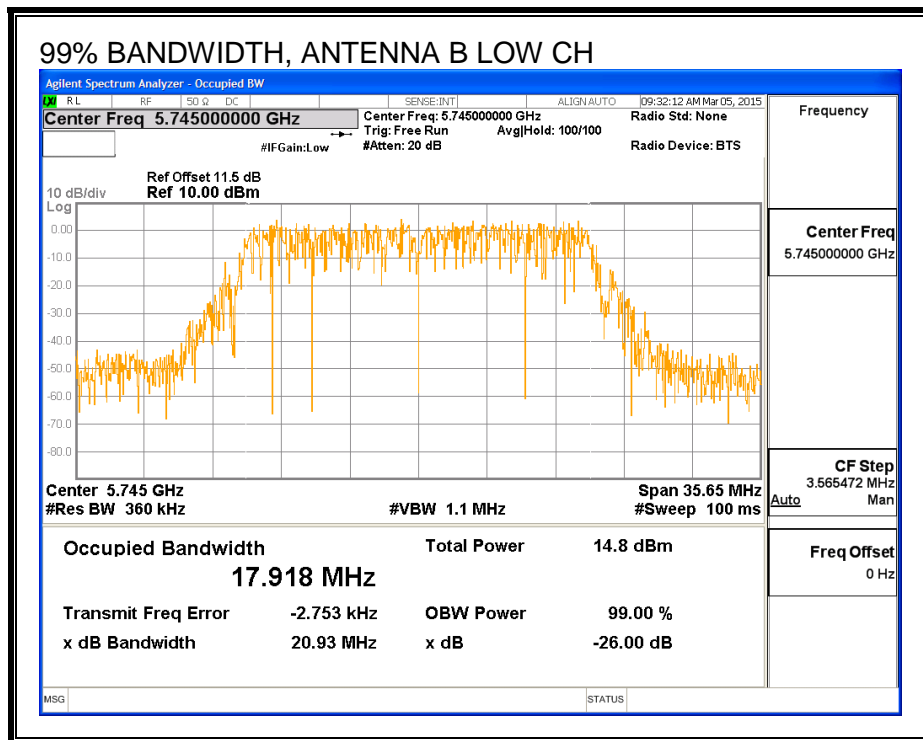
LIMITS

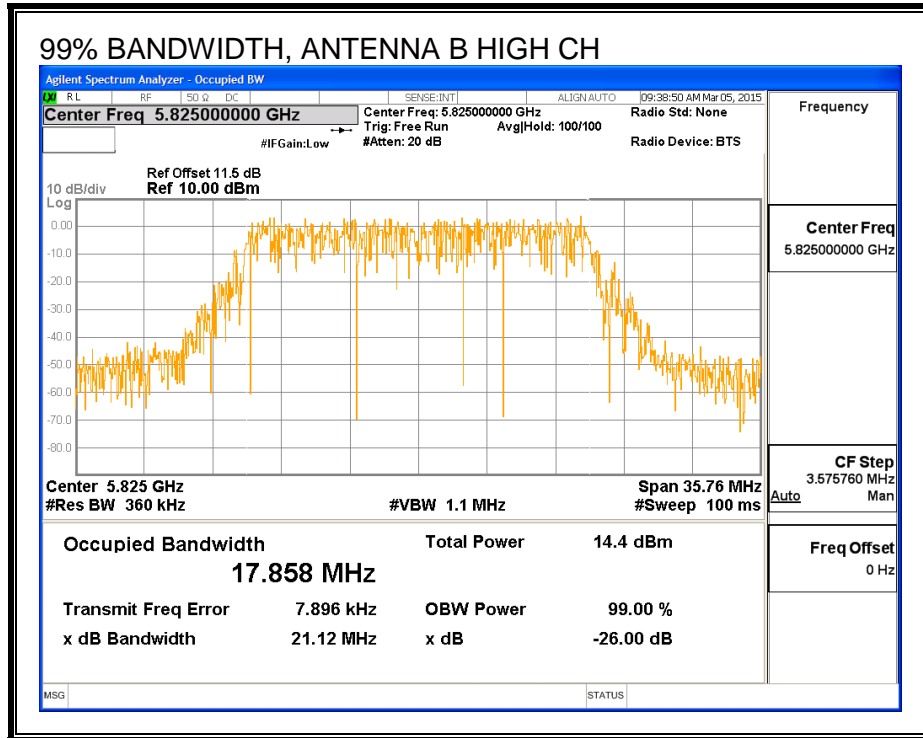
None; for reporting purposes only.

RESULTS

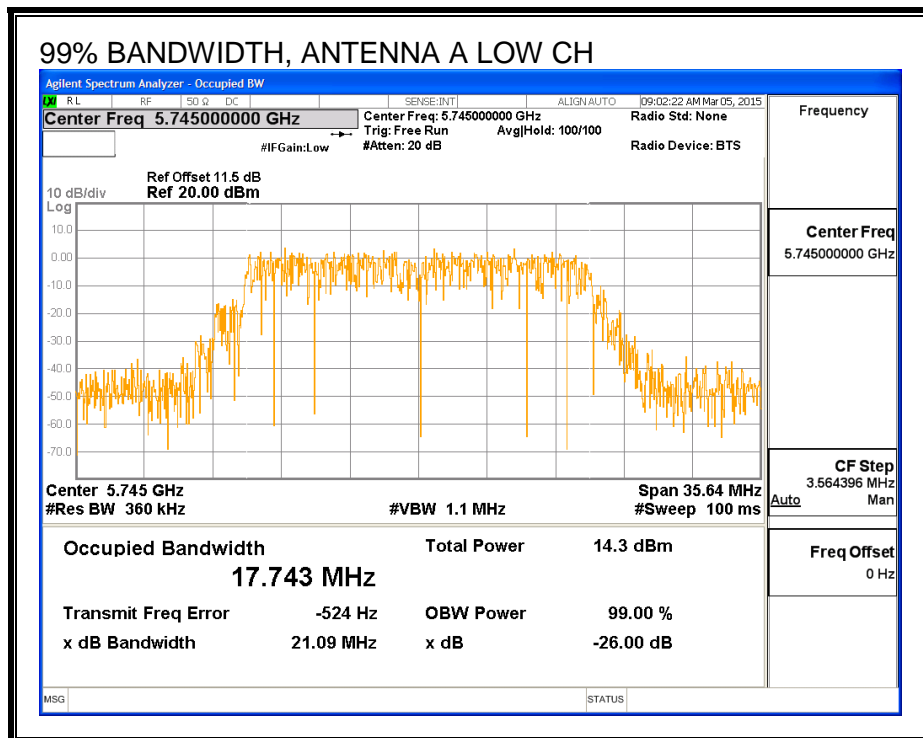
Channel	Frequency (MHz)	99% BW Antenna B (MHz)	99% BW Antenna A (MHz)
Low	5745	17.918	17.743
Mid	5785	17.805	17.814
High	5825	17.858	17.790

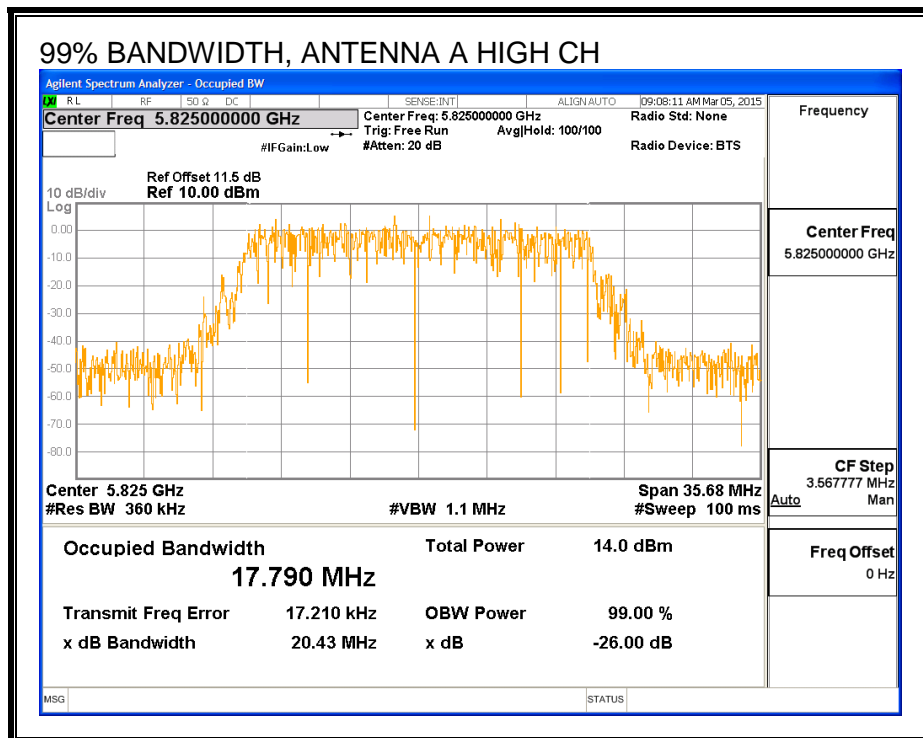
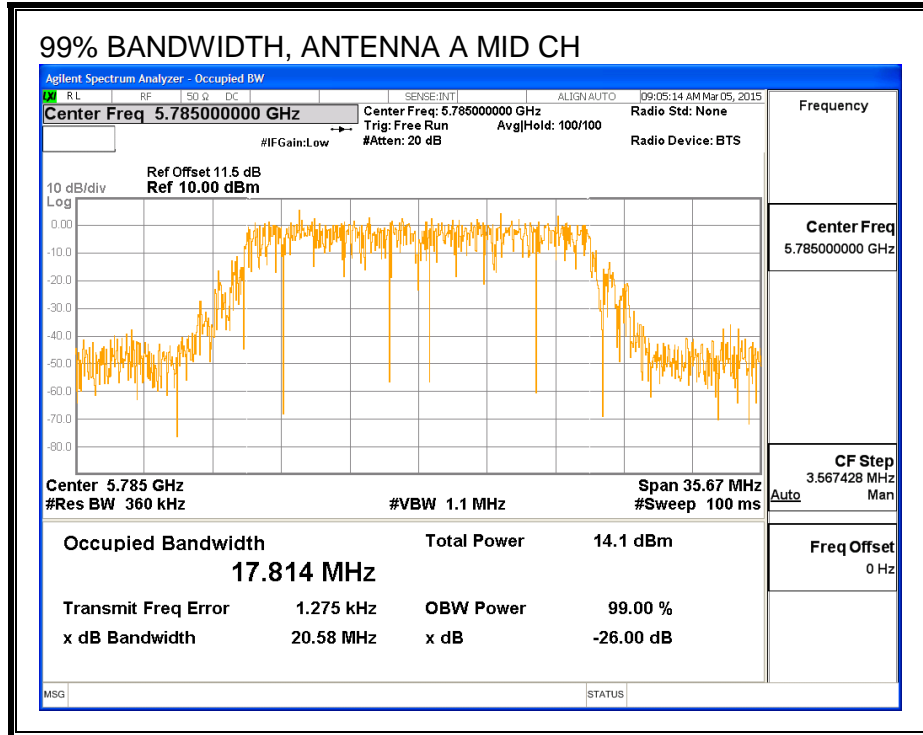
99% BANDWIDTH, ANTENNA B





99% BANDWIDTH, ANTENNA A





8.26.4. AVERAGE POWER

LIMITS

None; for reporting purposes only.

RESULTS

Channel	Frequency (MHz)	Antenna B Power (dBm)	Antenna A Power (dBm)	Total Power (dBm)
Low	5745	14.91	14.73	17.83
Mid	5785	16.78	16.92	19.86
High	5825	14.76	14.83	17.81

8.26.5. 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:

Antenna B Antenna Gain (dBi)	Antenna A Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)
3.70	3.40	3.55

RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low	5745	3.55	30.00
Mid	5785	3.55	30.00
High	5825	3.55	30.00

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

Channel	Frequency (MHz)	Antenna B Meas Power (dBm)	Antenna A Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	14.91	14.73	17.83	30.00	-12.17
Mid	5785	16.78	16.92	19.86	30.00	-10.14
High	5825	14.76	14.83	17.81	30.00	-12.19

8.26.6. 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:

Antenna B Antenna Gain (dBi)	Antenna A Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
3.70	3.40	6.56

RESULTS

Antenna Gain and Limits

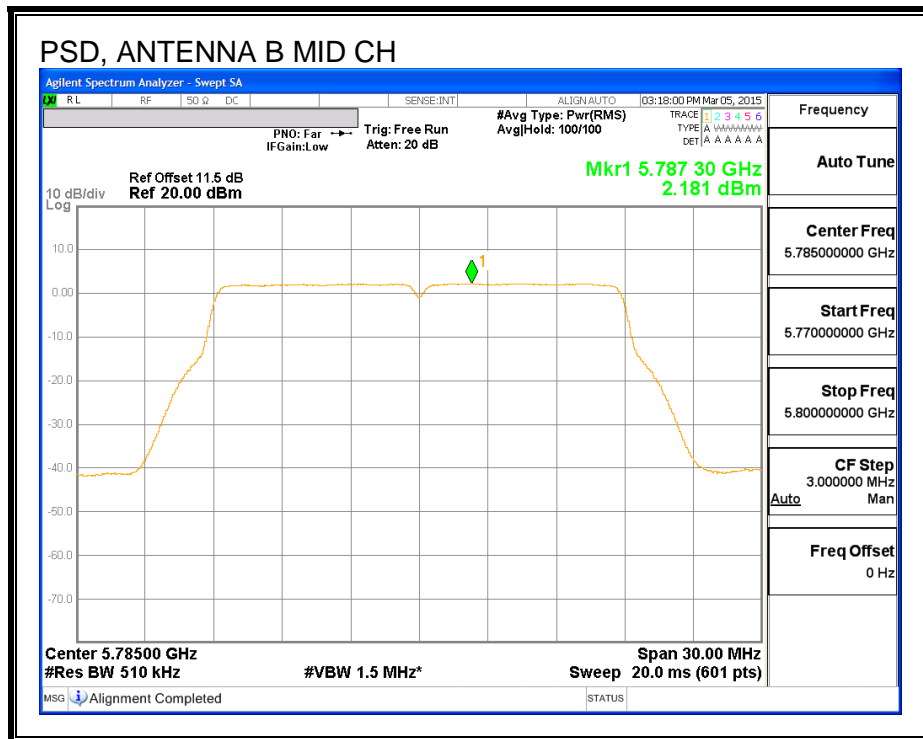
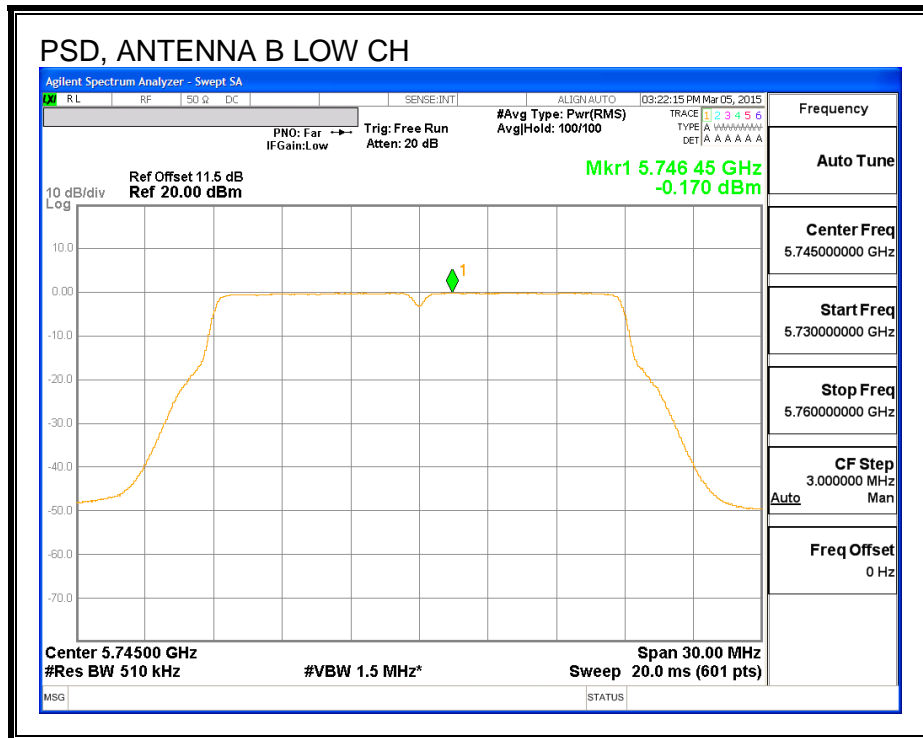
Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Low	5745	6.56	29.44
Mid	5785	6.56	29.44
High	5825	6.56	29.44

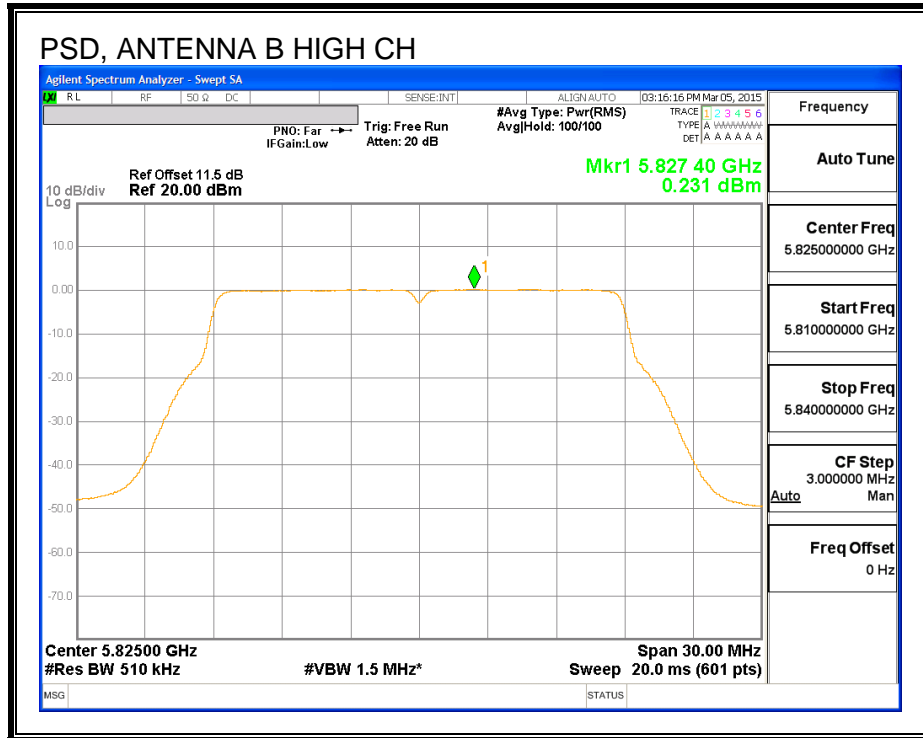
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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PSD Results

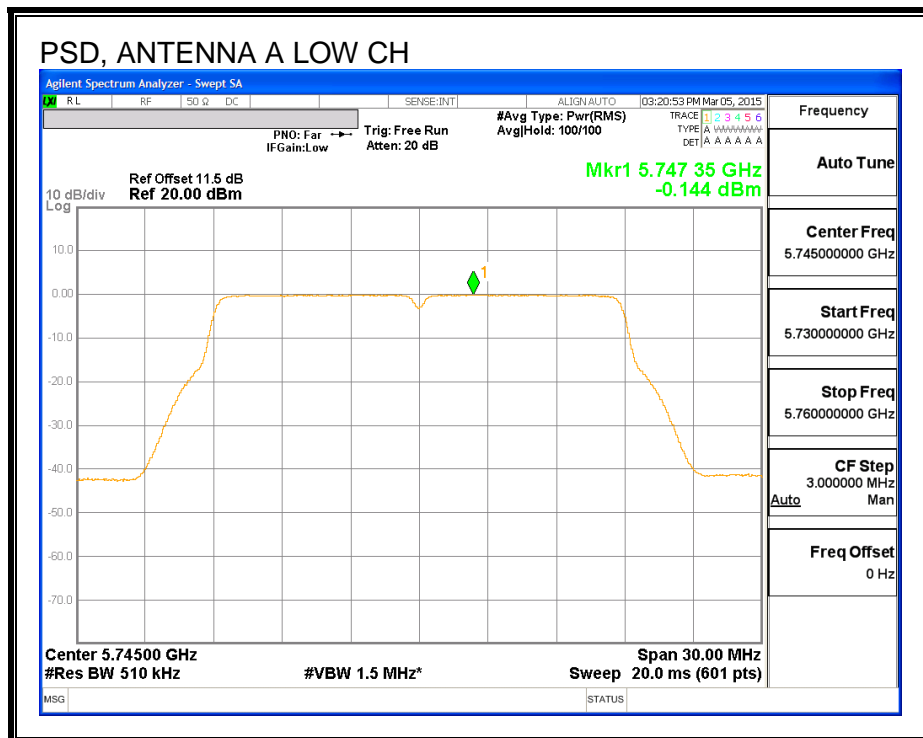
Channel	Frequency (MHz)	Antenna B Meas PSD (dBm)	Antenna A Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5745	-0.17	-0.14	2.85	29.44	-26.59
Mid	5785	2.18	2.06	5.13	29.44	-24.31
High	5825	0.23	0.20	3.22	29.44	-26.22

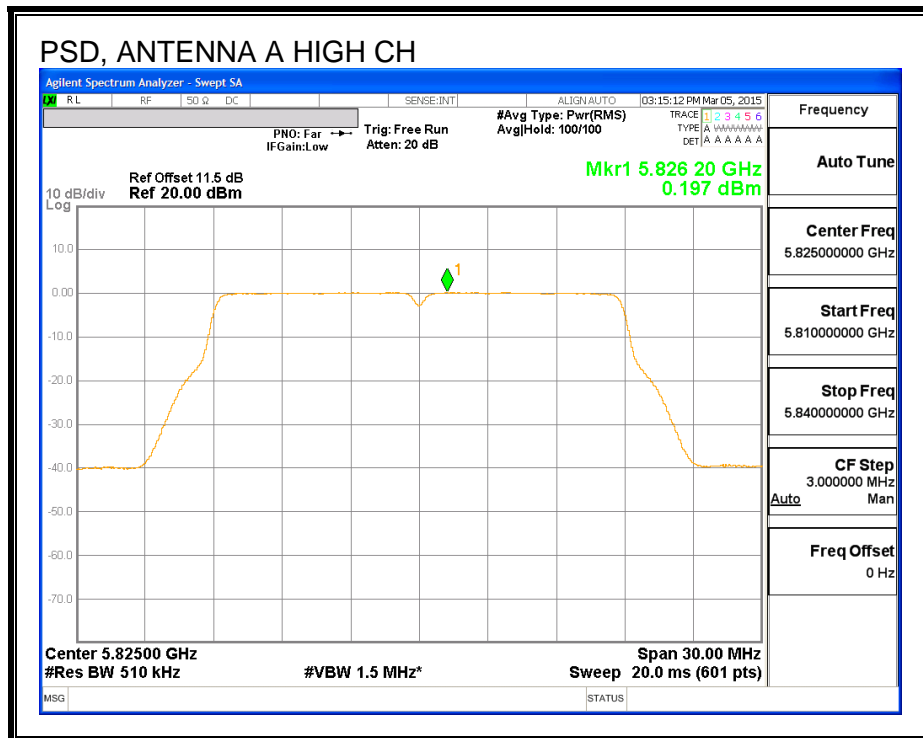
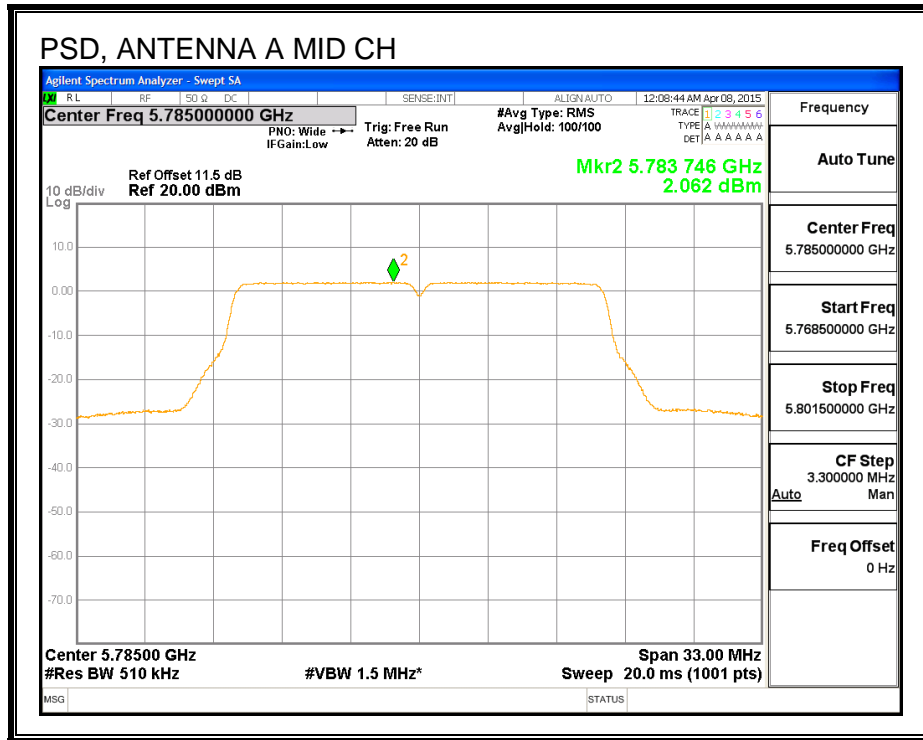
PSD, ANTENNA B





PSD, ANTENNA A





8.27. 802.11n HT40 SISO MODE IN THE 5.8 GHz BAND

8.27.1. 6 dB BANDWIDTH

LIMITS

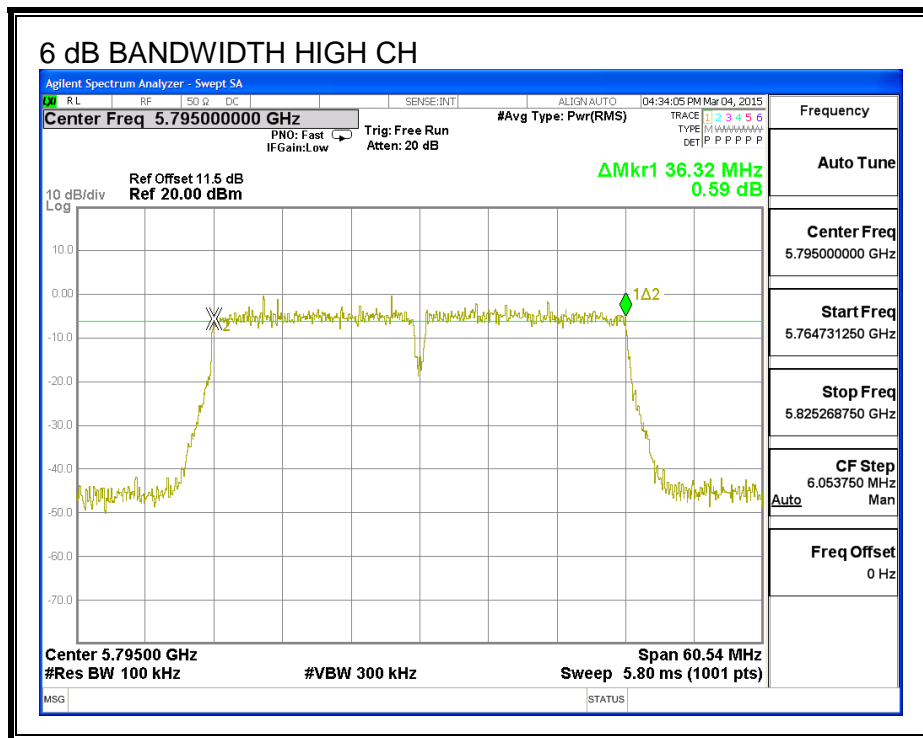
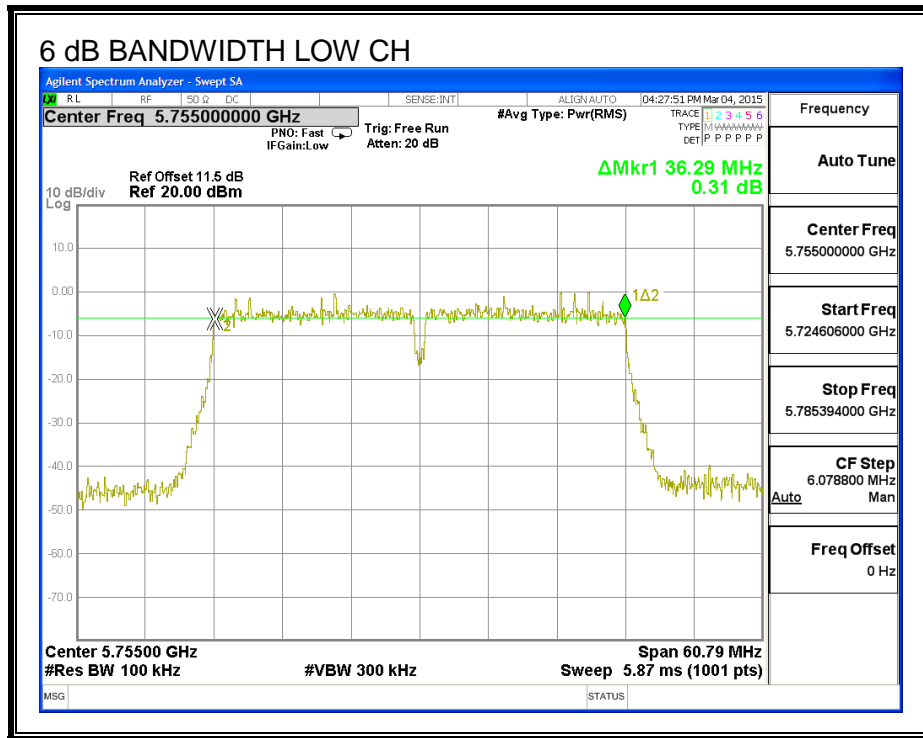
FCC §15.407 (e)

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

RESULTS

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	36.29	0.5
High	5795	36.32	0.5

6 dB BANDWIDTH



8.27.2. 26 dB BANDWIDTH

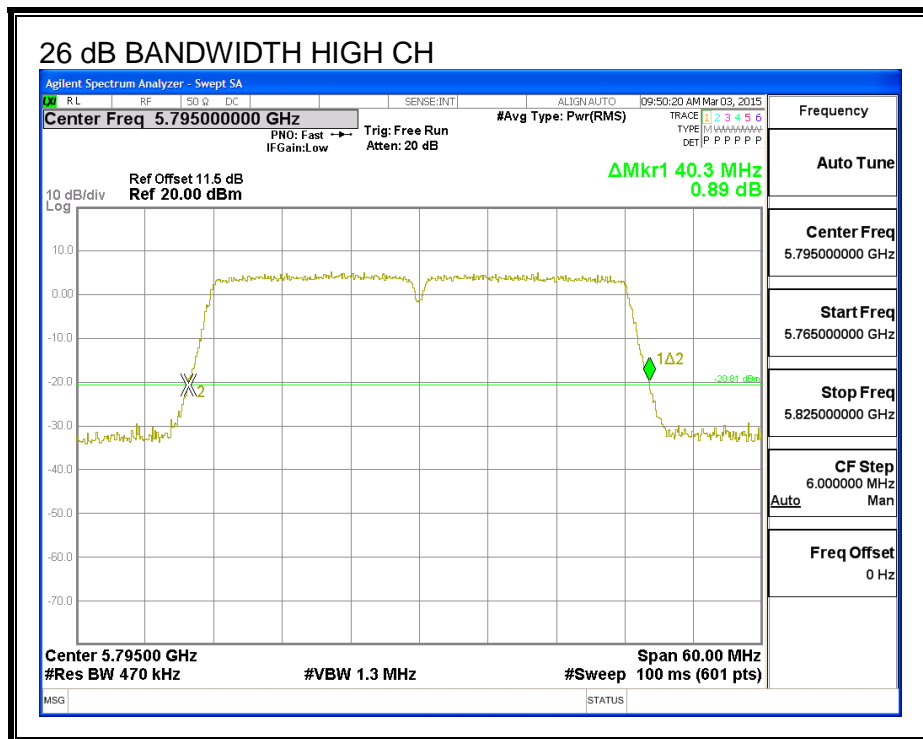
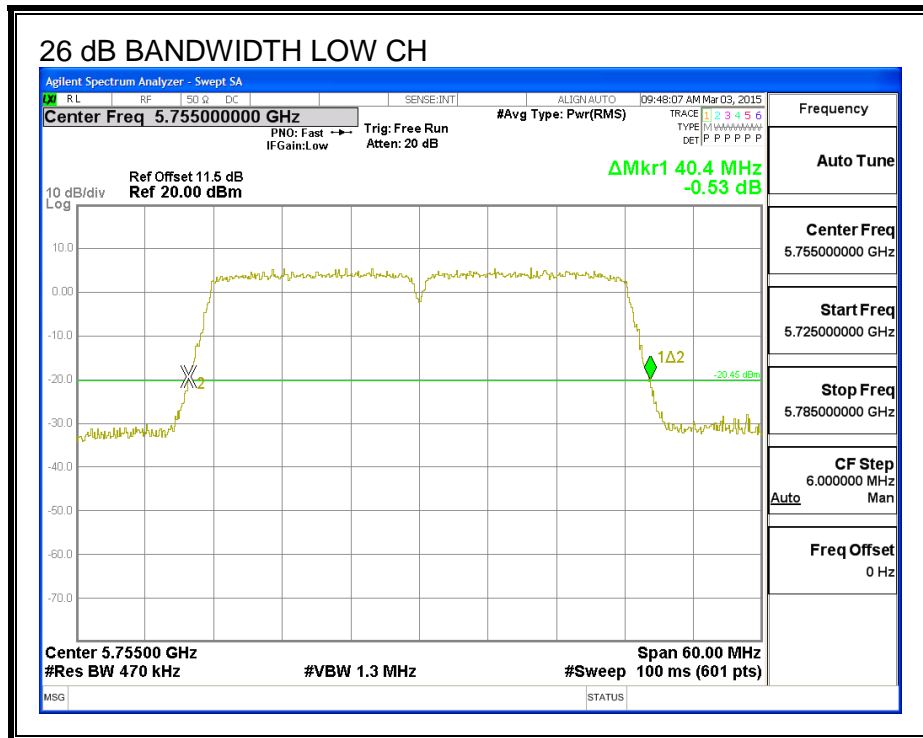
LIMITS

None, for reporting purposes only.

RESULTS

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
Low	5755	40.40
High	5795	40.30

26 dB BANDWIDTH



8.27.3. 99% BANDWIDTH

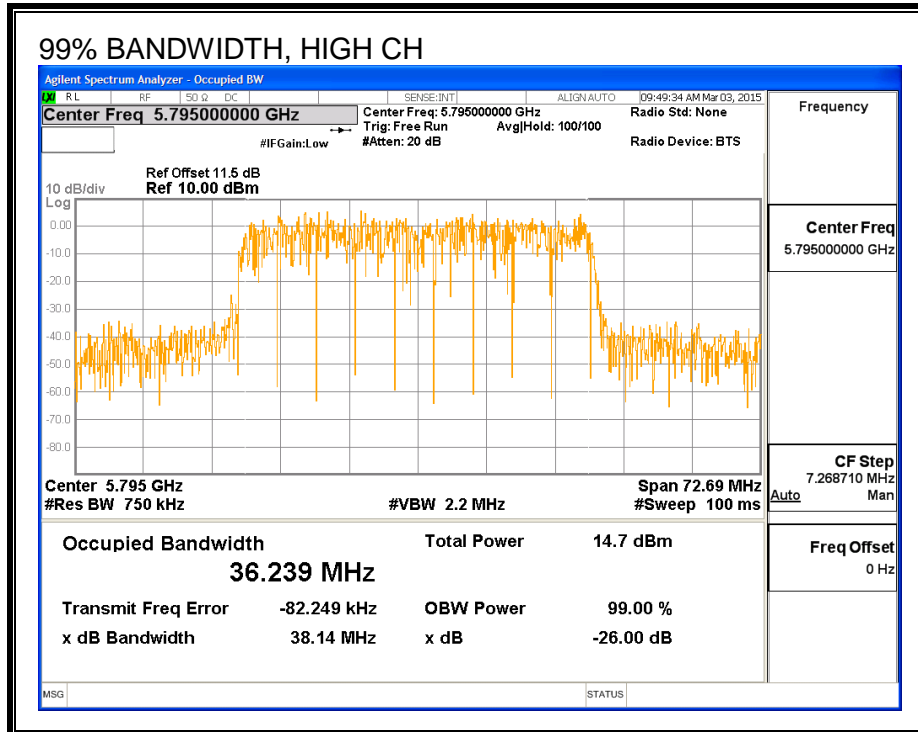
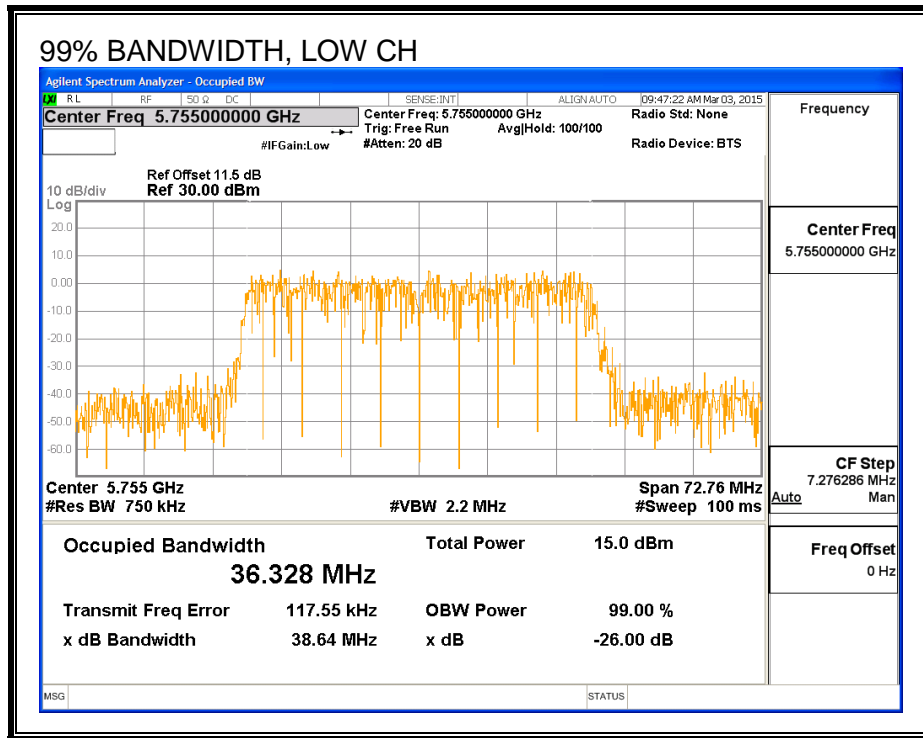
LIMITS

None; for reporting purposes only.

RESULTS

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5755	36.3280
High	5795	36.2390

99% BANDWIDTH



8.27.4. AVERAGE POWER

LIMITS

None; for reporting purposes only.

RESULTS

Channel	Frequency (MHz)	Power (dBm)
Low	5755	14.36
High	5795	16.00

8.27.5. 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

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

RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Low	5755	3.70	30.00
High	5795	3.70	30.00

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

Channel	Frequency (MHz)	Antenna B Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	14.36	14.36	30.00	-15.65
High	5795	16.00	16.00	30.00	-14.00

8.27.6. 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

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

RESULTS

Antenna Gain and Limits

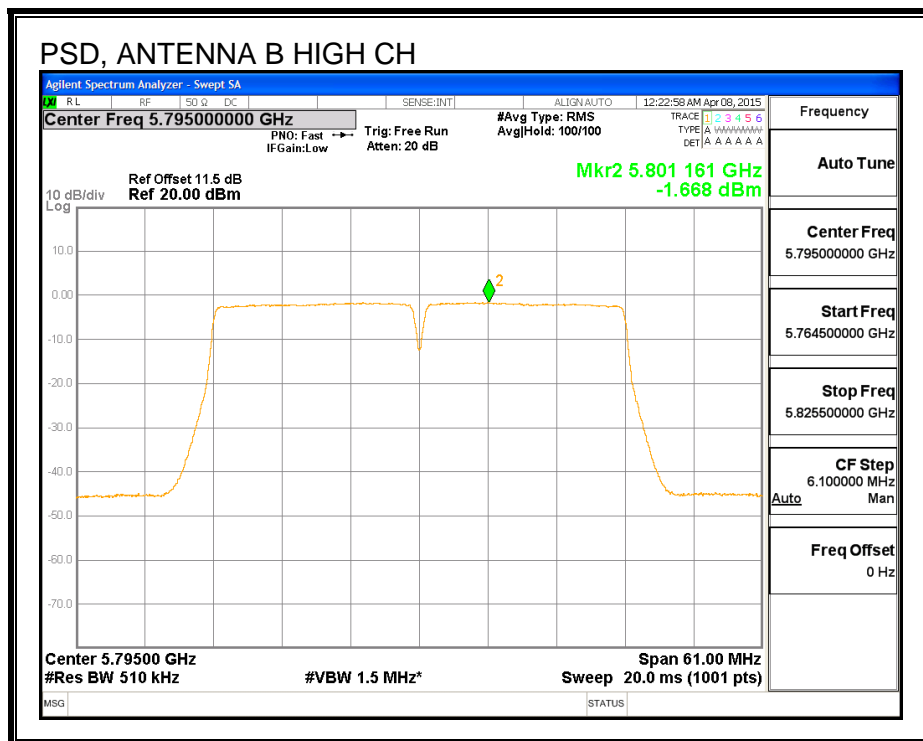
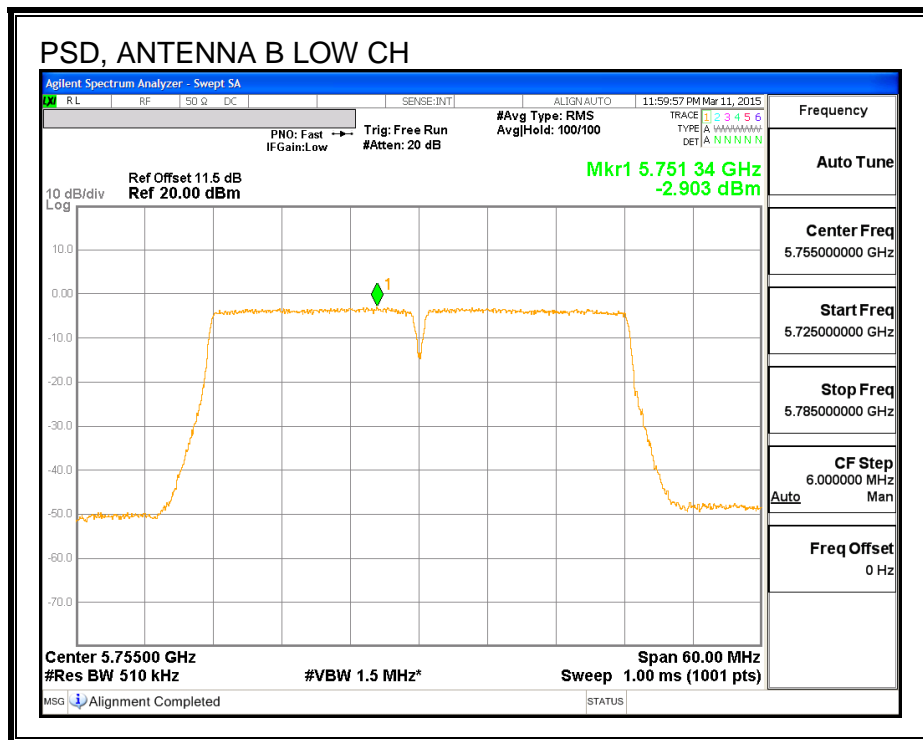
Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Low	5755	3.70	30.00
High	5795	3.70	30.00

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

PSD Results

Channel	Frequency (MHz)	Antenna B Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	-2.90	-2.90	30.00	-32.90
High	5795	-1.67	-1.67	30.00	-31.67

PSD, ANTENNA B



8.28. 802.11n HT40 2Tx CDD MODE IN THE 5.8 GHz BAND

8.28.1. 6 dB BANDWIDTH

LIMITS

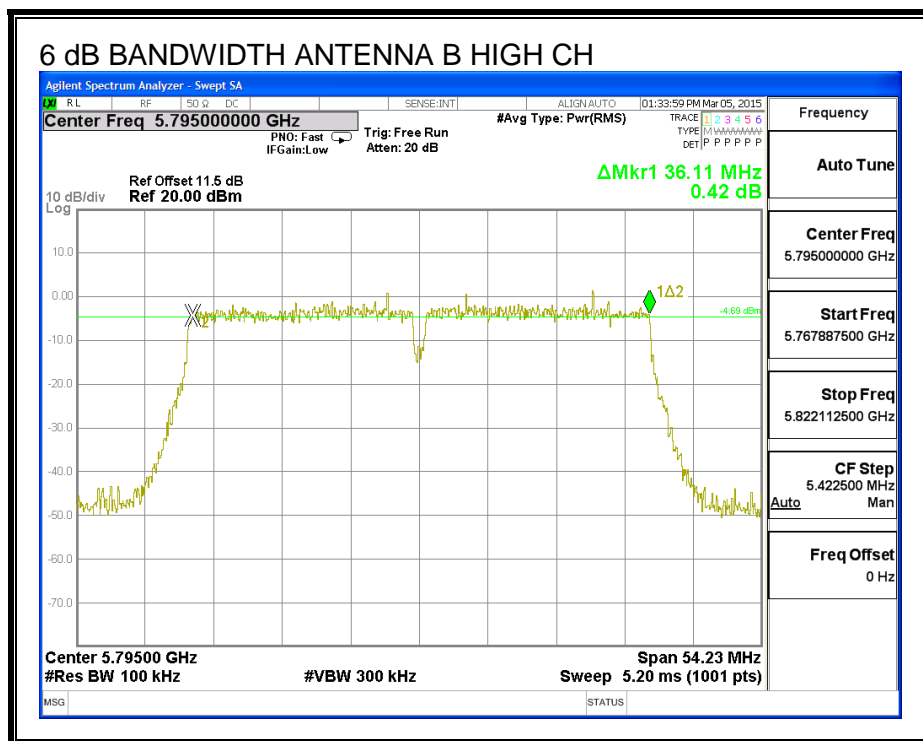
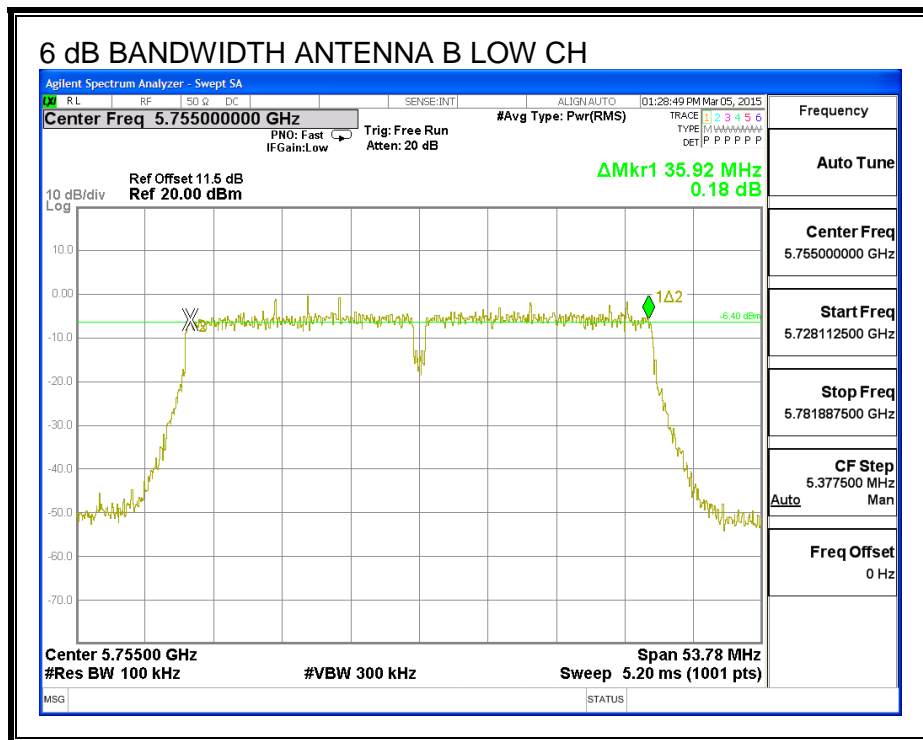
FCC §15.407 (e)

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

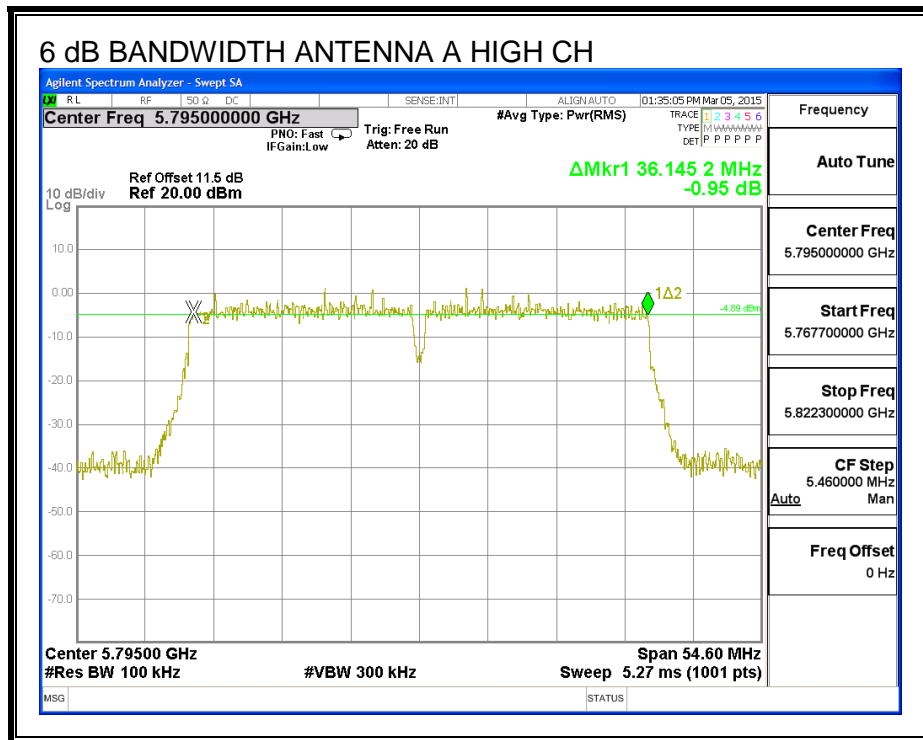
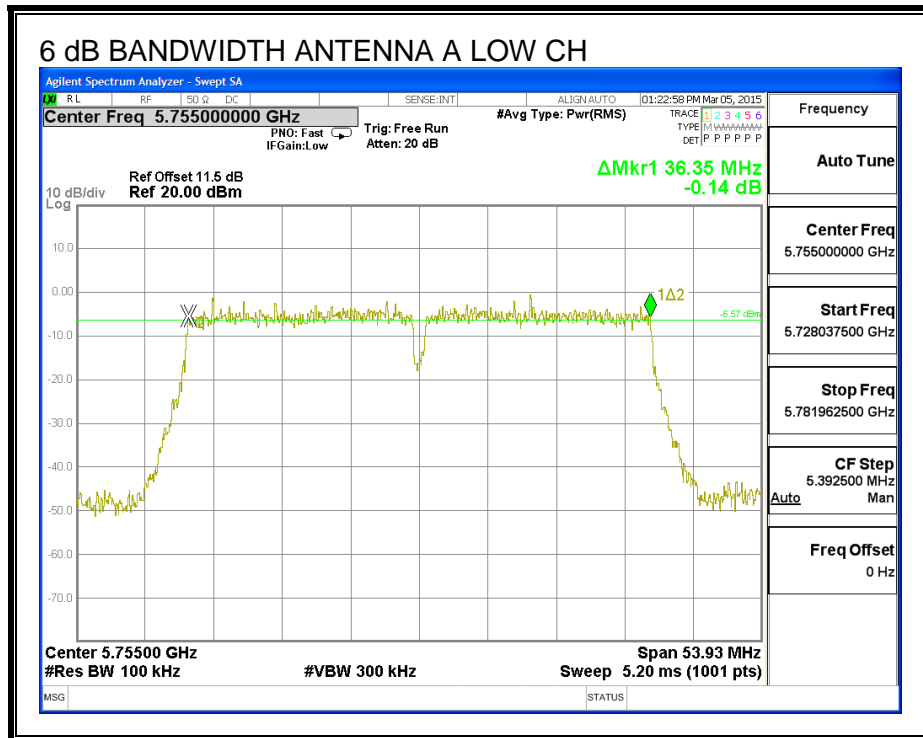
RESULTS

Channel	Frequency (MHz)	6 dB BW Antenna B (MHz)	6 dB BW Antenna A (MHz)	Minimum Limit (MHz)
Low	5755	35.92	36.35	0.5
High	5795	36.11	36.15	0.5

6 dB BANDWIDTH, ANTENNA B



6 dB BANDWIDTH, ANTENNA A



8.28.2. 26 dB BANDWIDTH

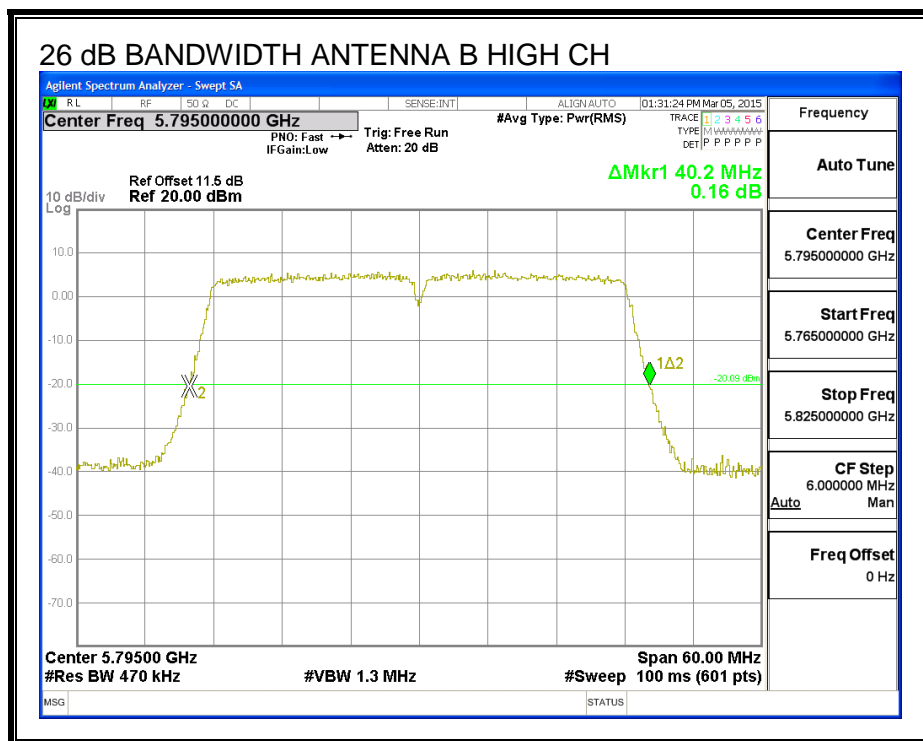
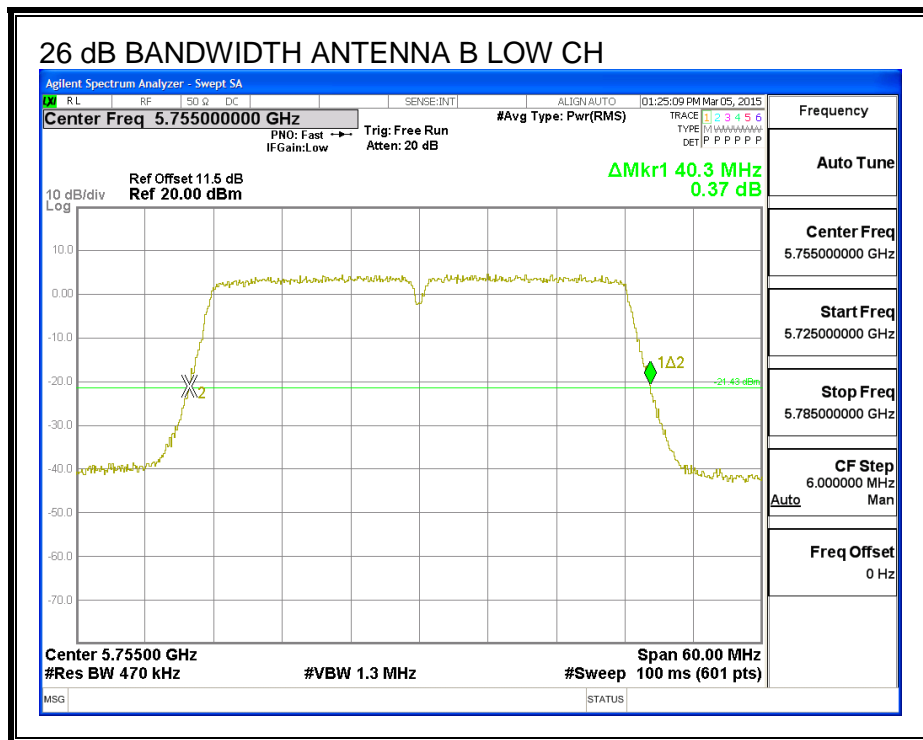
LIMITS

None, for reporting purposes only.

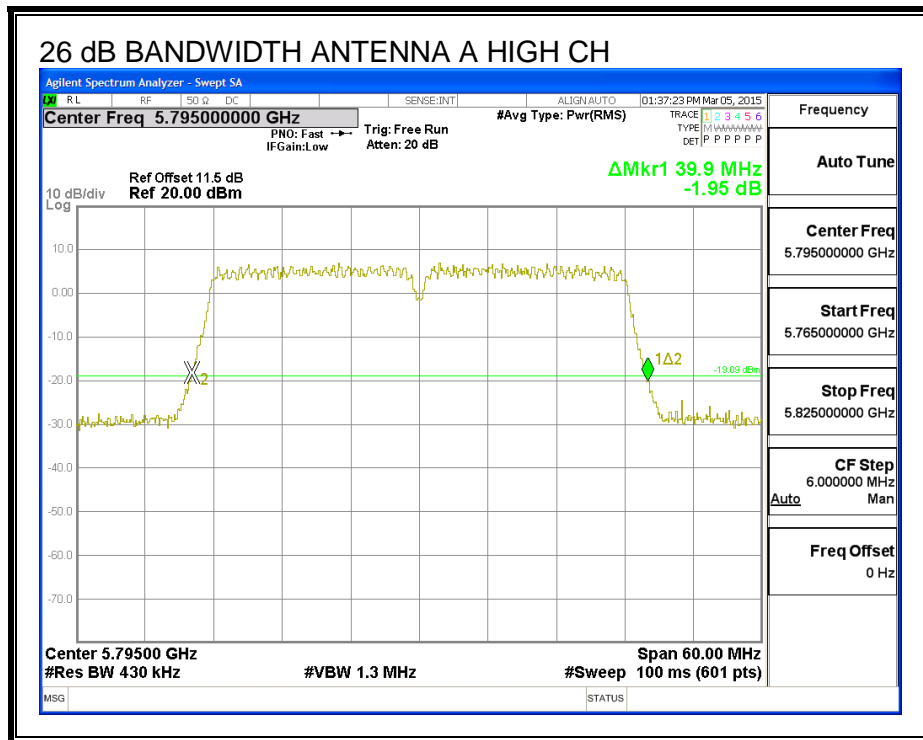
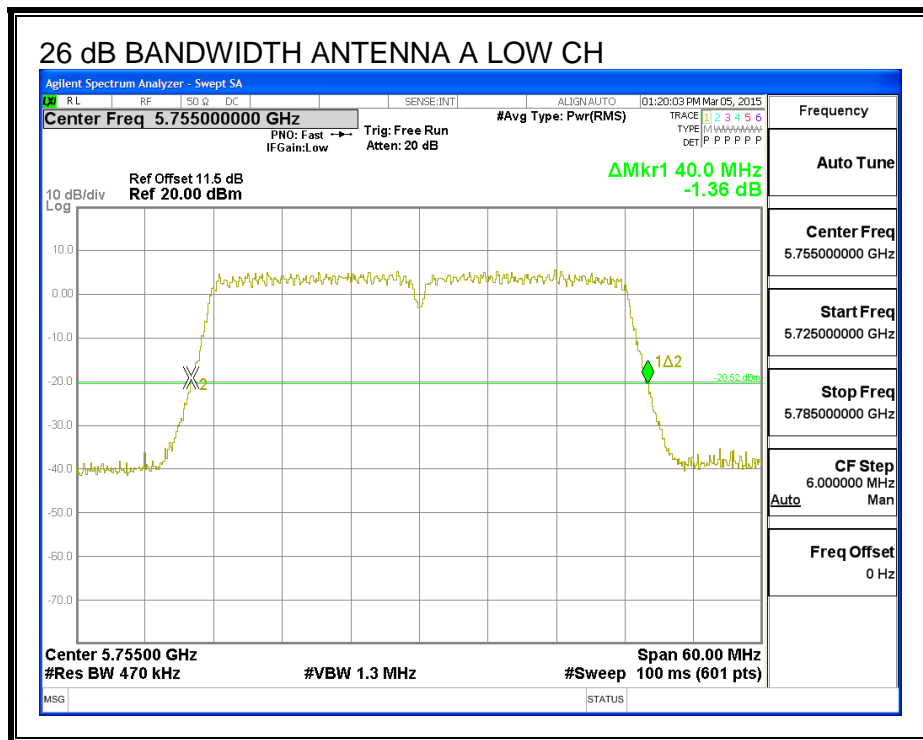
RESULTS

Channel	Frequency (MHz)	26 dB BW Antenna B (MHz)	26 dB BW Antenna A (MHz)
Low	5755	40.30	40.00
High	5795	40.20	39.90

26 dB BANDWIDTH, ANTENNA B



26 dB BANDWIDTH, ANTENNA A



8.28.3. 99% BANDWIDTH

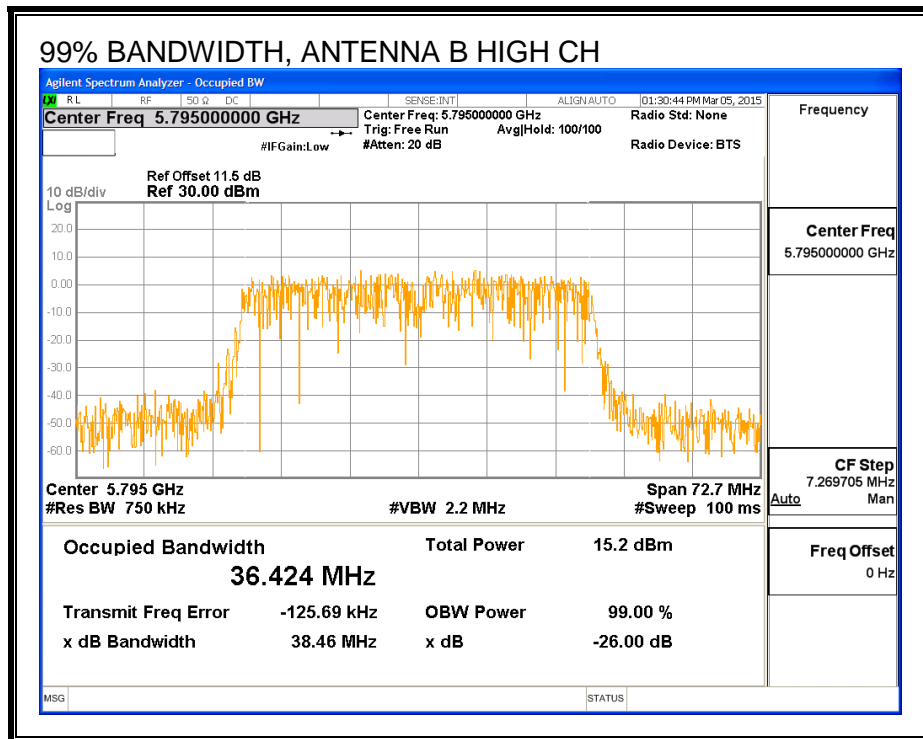
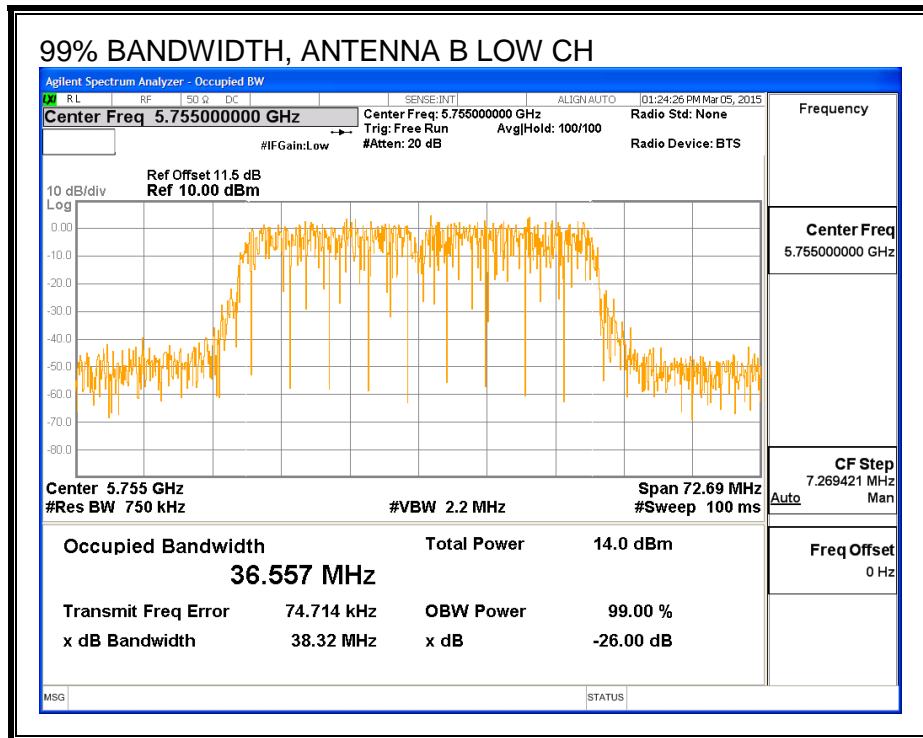
LIMITS

None; for reporting purposes only.

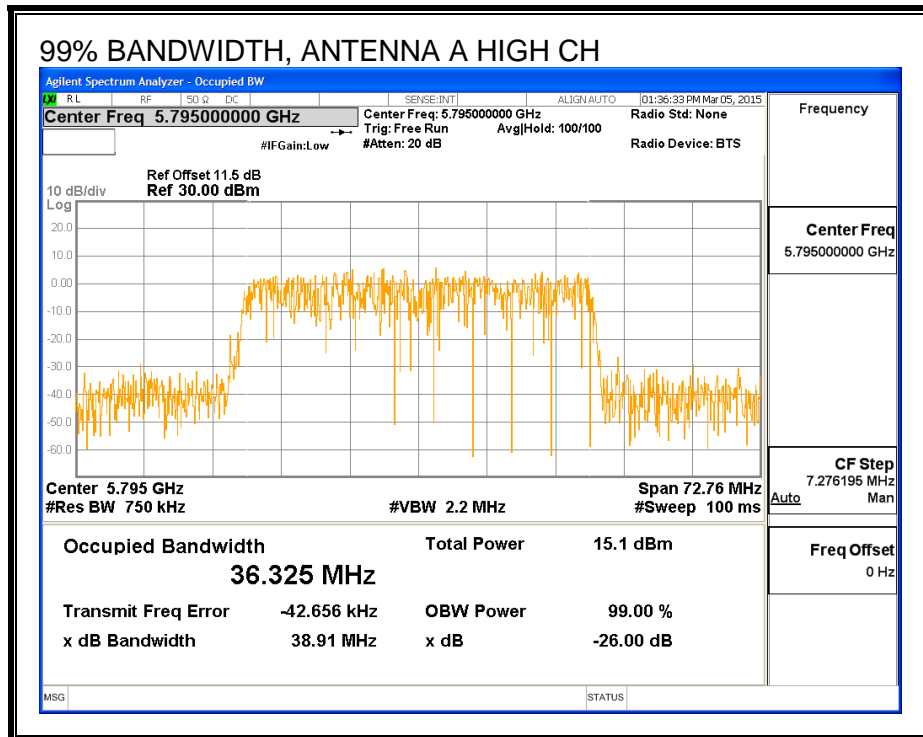
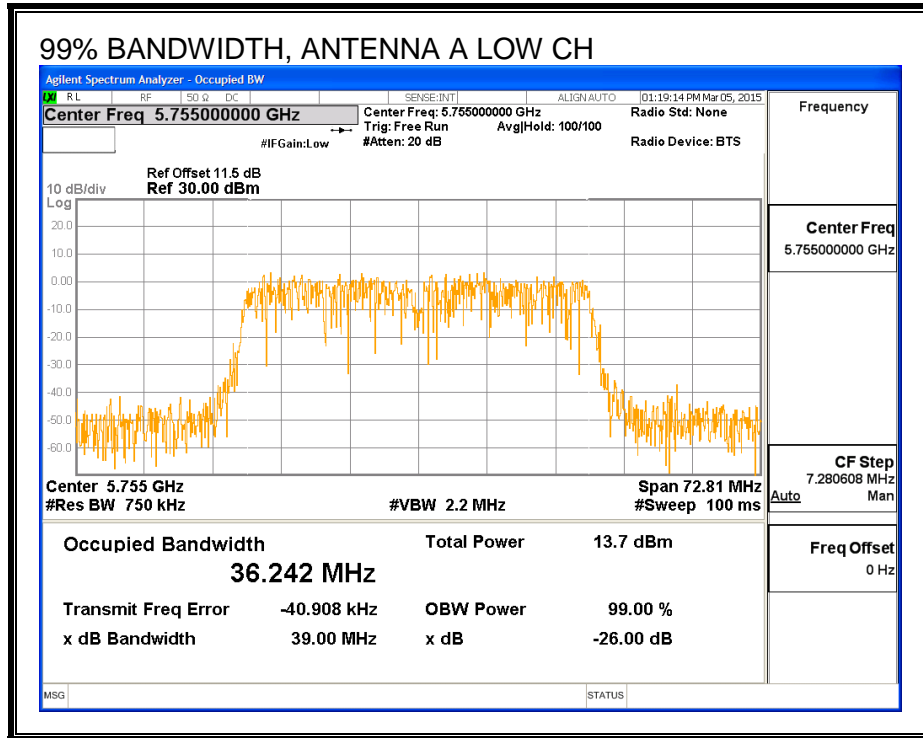
RESULTS

Channel	Frequency (MHz)	99% BW Antenna B (MHz)	99% BW Antenna A (MHz)
Low	5755	36.557	36.242
High	5795	36.424	36.325

99% BANDWIDTH, ANTENNA B



99% BANDWIDTH, ANTENNA A



8.28.4. AVERAGE POWER

LIMITS

None; for reporting purposes only.

RESULTS

Channel	Frequency (MHz)	Antenna B Power (dBm)	Antenna A Power (dBm)	Total Power (dBm)
Low	5755	13.75	13.92	16.85
High	5795	15.02	15.05	18.05

8.28.5. 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:

Antenna B Antenna Gain (dBi)	Antenna A Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)
3.70	3.40	3.55

RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Low	5755	3.55	30.00
High	5795	3.55	30.00

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

Channel	Frequency (MHz)	Antenna B Meas Power (dBm)	Antenna A Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	13.75	13.92	16.85	30.00	-13.15
High	5795	15.02	15.05	18.05	30.00	-11.95

8.28.6. 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:

Antenna B Antenna Gain (dBi)	Antenna A Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
3.70	3.40	6.56

RESULTS

Antenna Gain and Limit

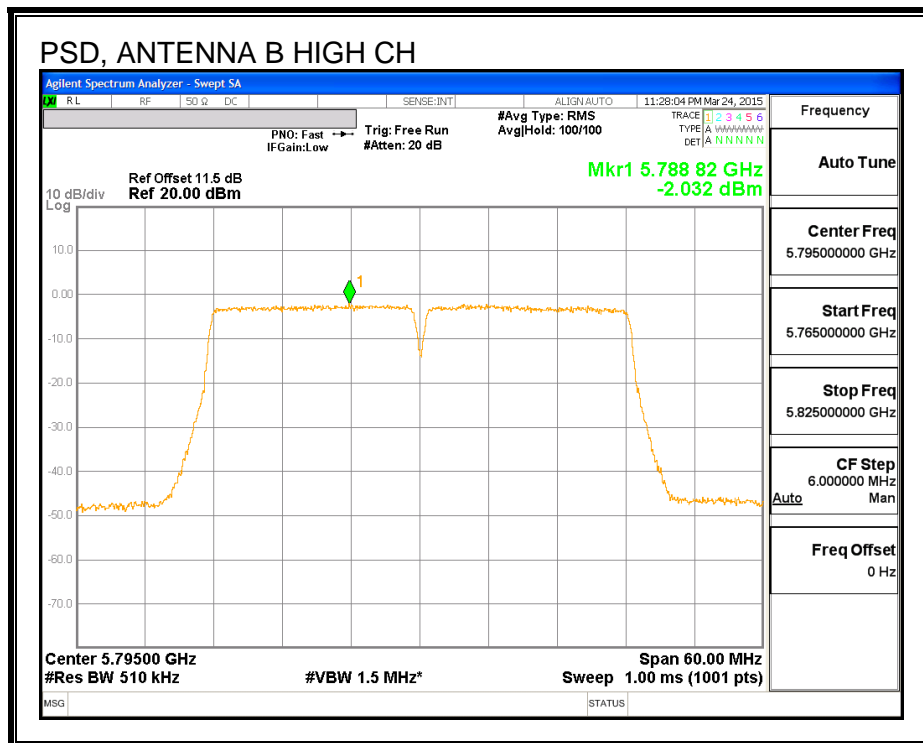
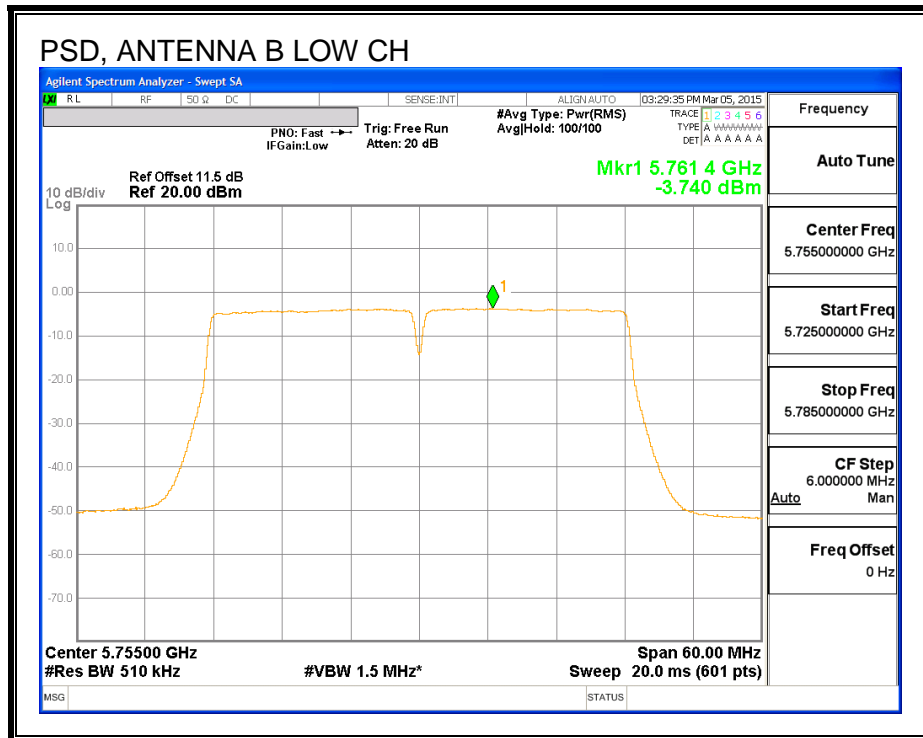
Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Low	5755	6.56	29.44
High	5795	6.56	29.44

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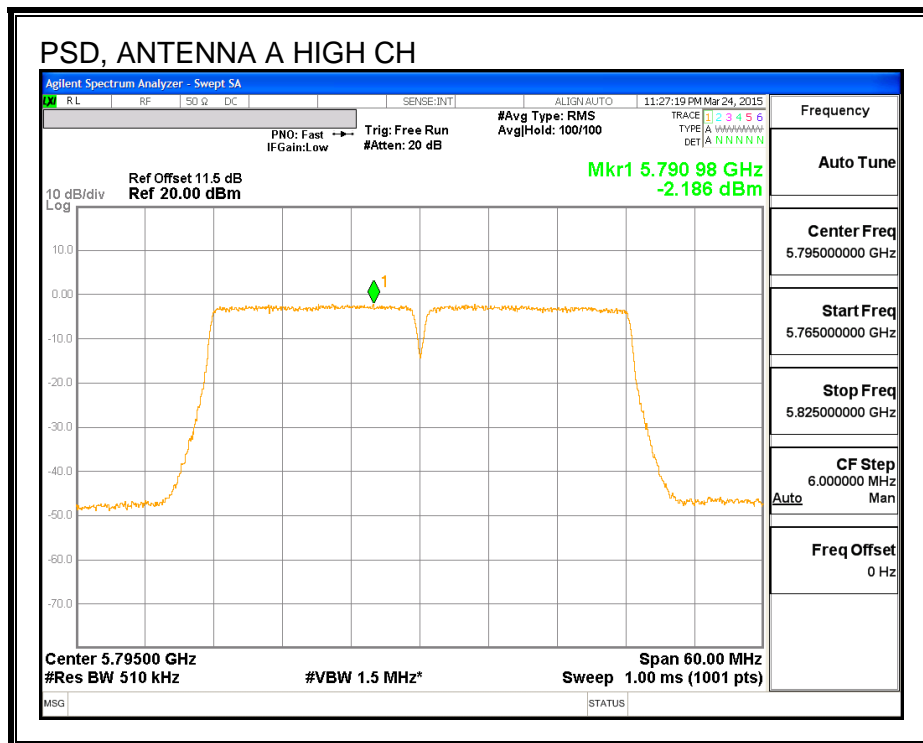
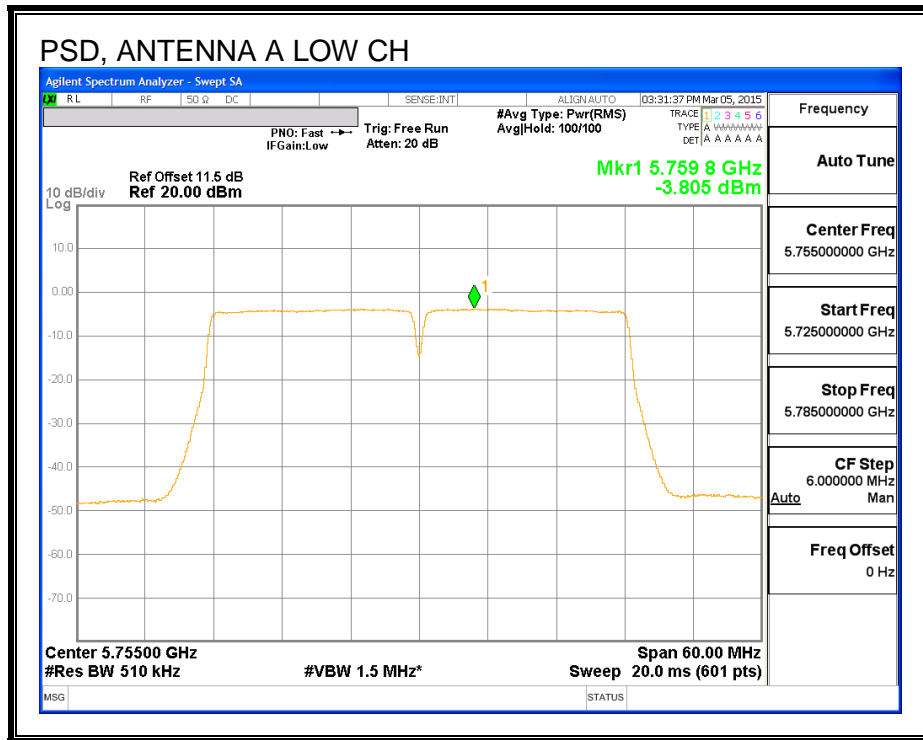
PSD Results

Channel	Frequency (MHz)	Antenna B Meas PSD (dBm)	Antenna A Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	-3.74	-3.81	-0.76	29.44	-30.20
High	5795	-2.03	-2.19	0.90	29.44	-28.54

PSD, ANTENNA B



PSD, ANTENNA A



8.29. 802.11ac VHT80 SISO MODE IN THE 5.8 GHz BAND

8.29.1. 6 dB BANDWIDTH

LIMITS

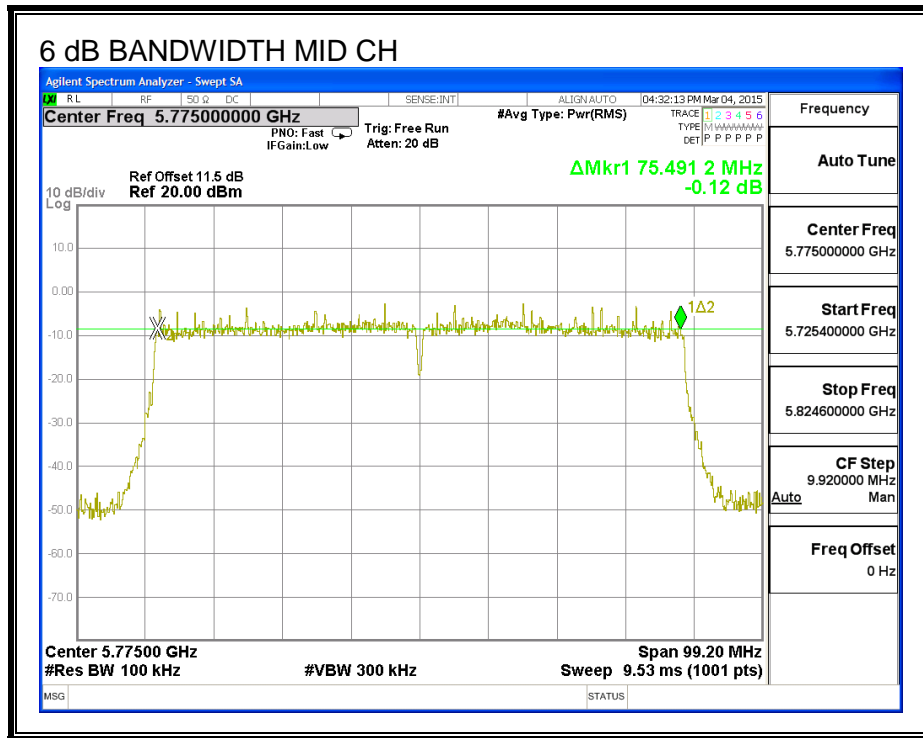
FCC §15.407 (e)

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

RESULTS

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	75.491	0.5

6 dB BANDWIDTH



8.29.2. 26 dB BANDWIDTH

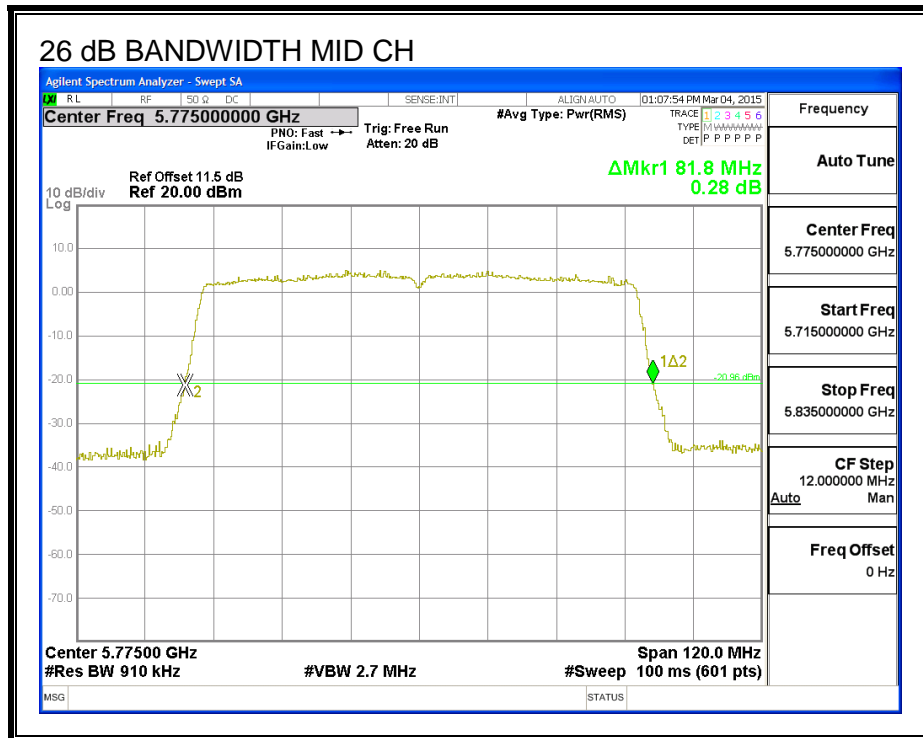
LIMITS

None, for reporting purposes only.

RESULTS

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
Mid	5775	81.80

26 dB BANDWIDTH



8.29.3. 99% BANDWIDTH

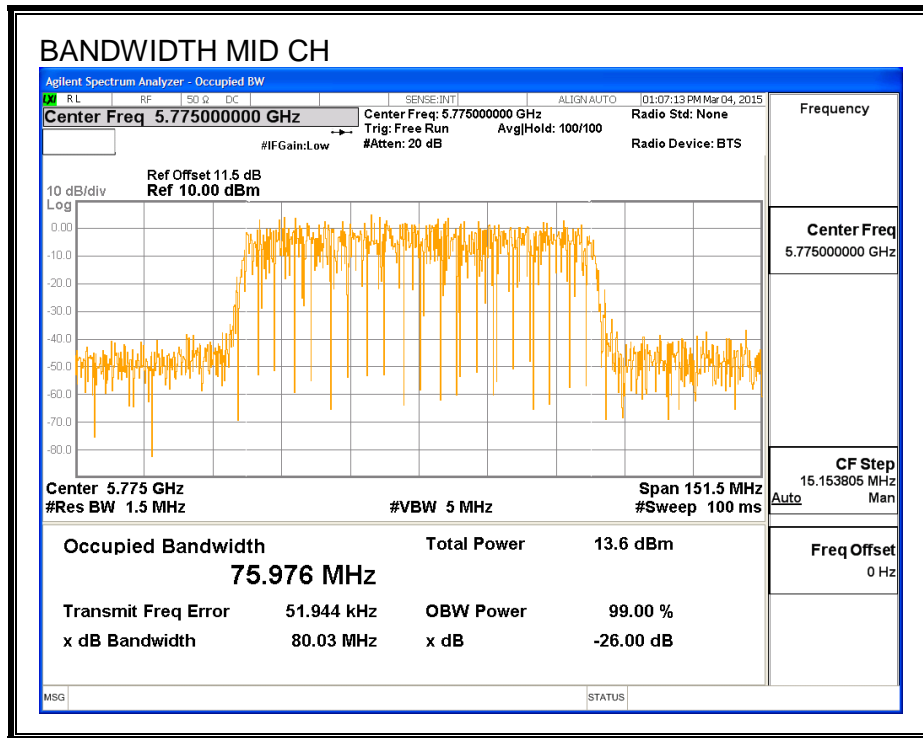
LIMITS

None; for reporting purposes only.

RESULTS

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5775	75.976

99% BANDWIDTH



8.29.4. AVERAGE POWER

LIMITS

None; for reporting purposes only.

RESULTS

Channel	Frequency (MHz)	Power (dBm)
Mid	5775	13.81

8.29.5. 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

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

RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Mid	5775	3.70	30.00

Duty Cycle CF (dB)	0.21	Included in Calculations of Corr'd Power
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Output Power Results

Channel	Frequency (MHz)	Antenna B Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	13.81	14.02	30.00	-15.98

8.29.6. 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

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

RESULTS

Antenna Gain and Limits

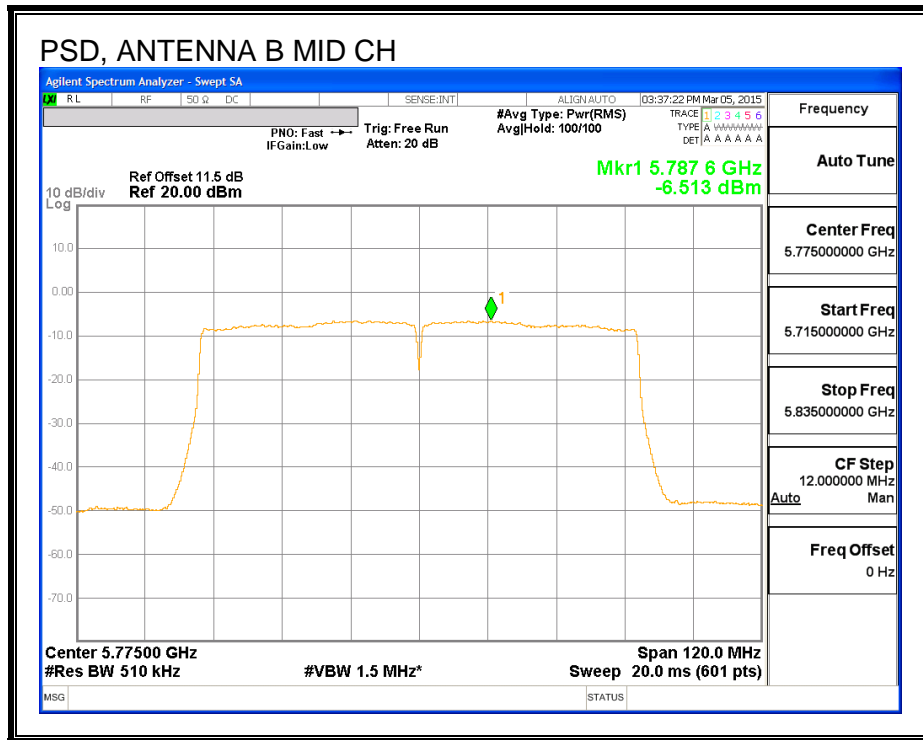
Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Mid	5775	3.70	30.00

Duty Cycle CF (dB)	0.21	Included in Calculations of Corr'd PSD
---------------------------	------	---

PSD Results

Channel	Frequency (MHz)	Antenna B Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5775	-6.51	-6.30	30.00	-36.30

PSD, ANTENNA B



8.30. 802.11ac VHT80 2Tx CDD MODE IN THE 5.8 GHz BAND

8.30.1. 6 dB BANDWIDTH

LIMITS

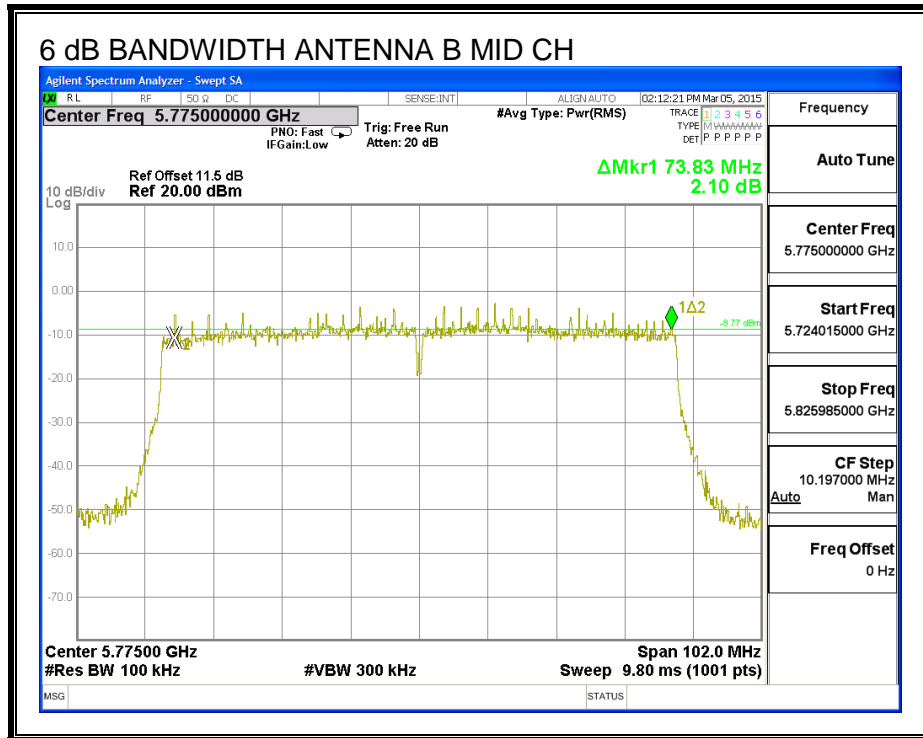
FCC §15.407 (e)

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

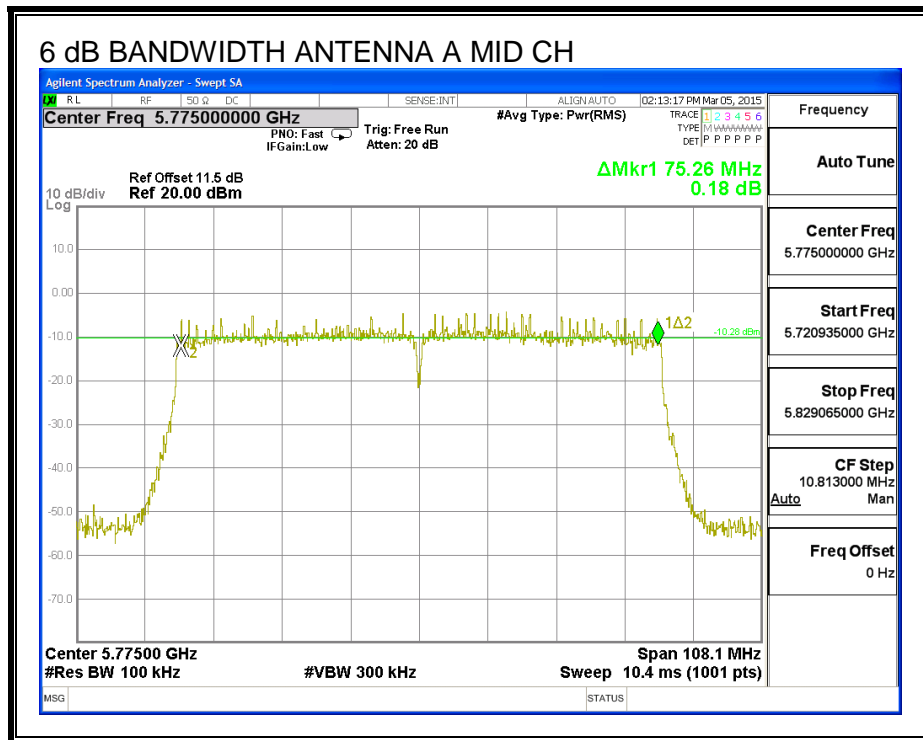
RESULTS

Channel	Frequency (MHz)	6 dB BW Antenna B (MHz)	6 dB BW Antenna A (MHz)	Minimum Limit (MHz)
Mid	5775	73.83	75.26	0.5

6 dB BANDWIDTH, ANTENNA B



6 dB BANDWIDTH, ANTENNA A



8.30.2. 26 dB BANDWIDTH

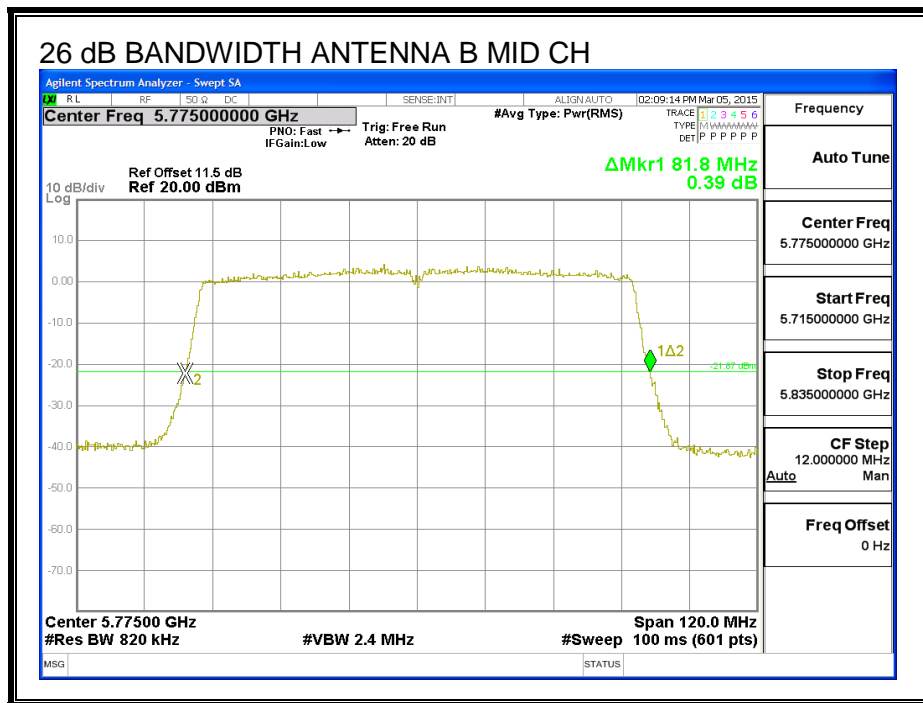
LIMITS

None, for reporting purposes only.

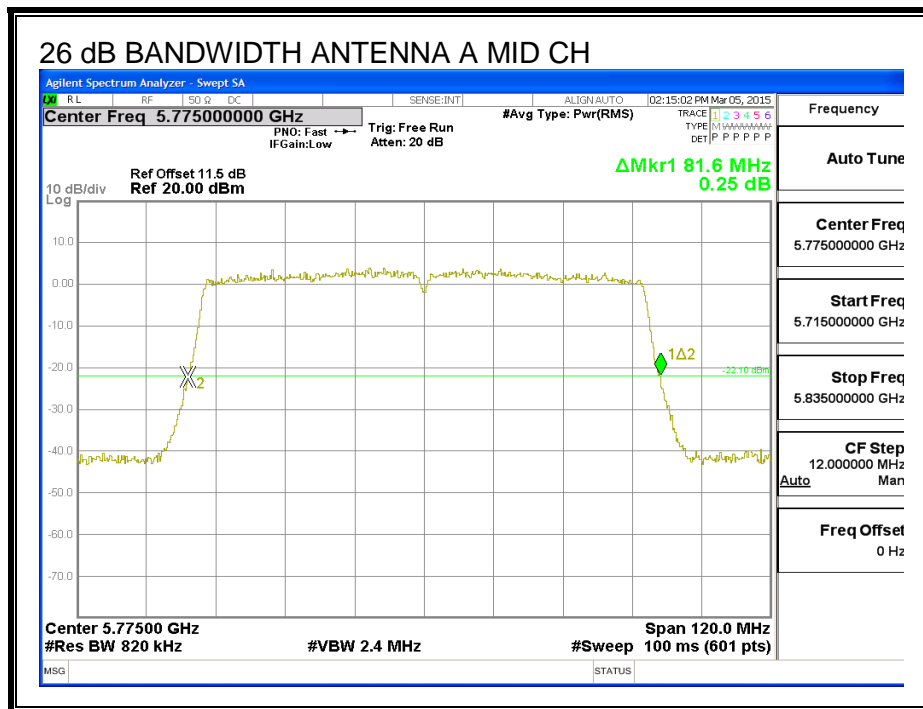
RESULTS

Channel	Frequency (MHz)	26 dB BW Antenna B (MHz)	26 dB BW Antenna A (MHz)
Mid	5775	81.80	81.60

26 dB BANDWIDTH, ANTENNA B



26 dB BANDWIDTH, ANTENNA A



8.30.3. 99% BANDWIDTH

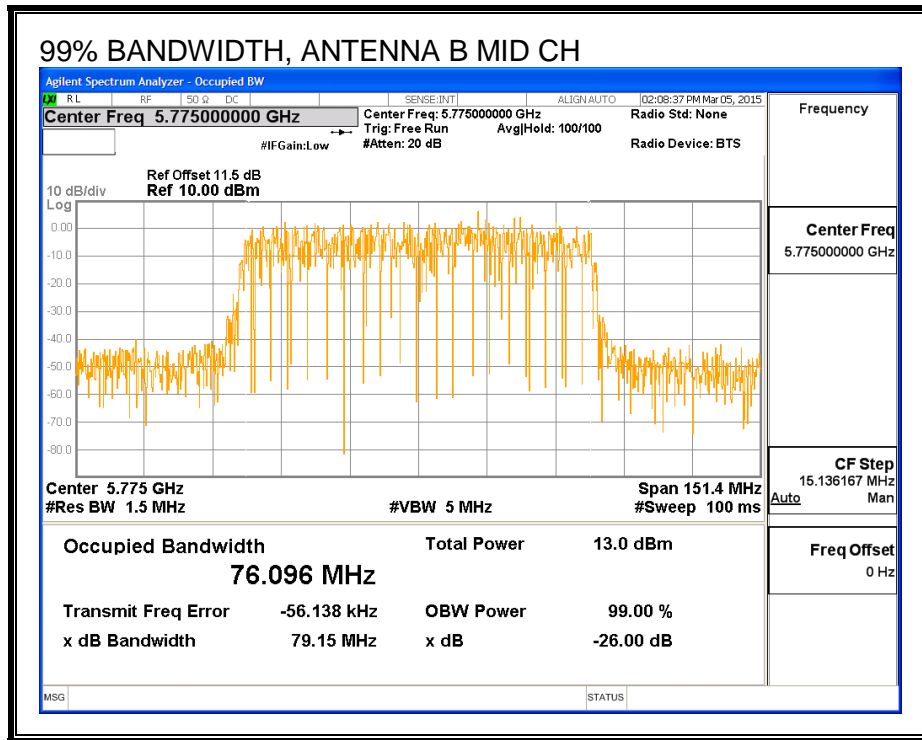
LIMITS

None; for reporting purposes only.

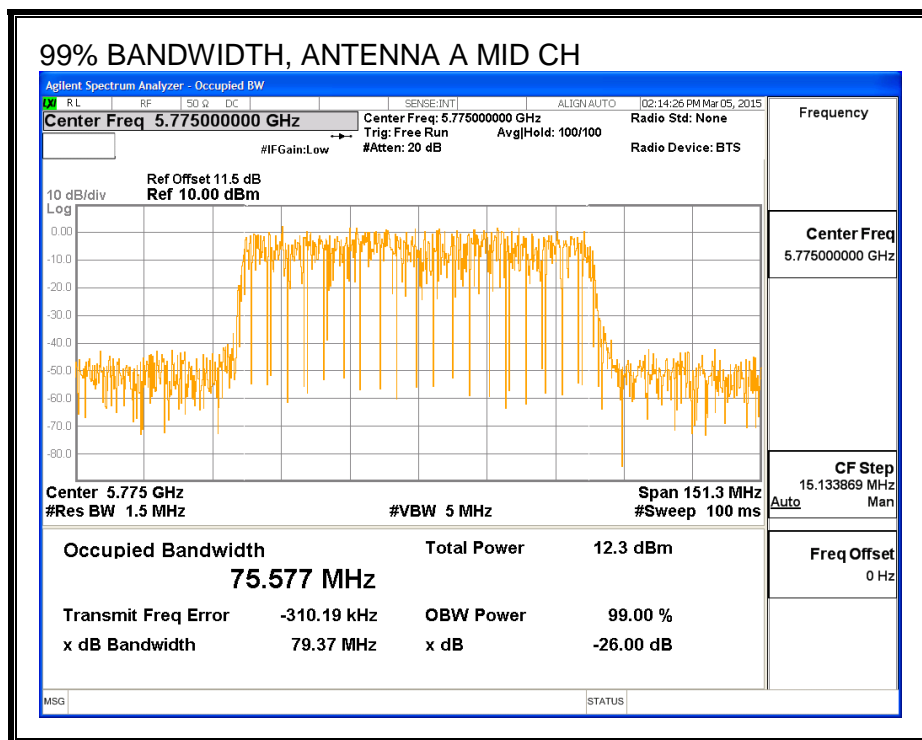
RESULTS

Channel	Frequency (MHz)	99% BW Antenna B (MHz)	99% BW Antenna A (MHz)
Mid	5775	76.096	75.577

99% BANDWIDTH, ANTENNA B



99% BANDWIDTH, ANTENNA A



8.30.4. AVERAGE POWER

LIMITS

None; for reporting purposes only.

RESULTS

Channel	Frequency (MHz)	Antenna B Power (dBm)	Antenna A Power (dBm)	Total Power (dBm)
Mid	5775	12.81	12.83	15.83

8.30.5. 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:

Antenna B Antenna Gain (dBi)	Antenna A Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)
3.70	3.40	3.55

RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Mid	5775	3.55	30.00

Duty Cycle CF (dB)	0.21	Included in Calculations of Corr'd Power
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna B Meas Power (dBm)	Antenna A Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	12.81	12.83	16.04	30.00	-13.96

8.30.6. 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:

Antenna B Antenna Gain (dBi)	Antenna A Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
3.70	3.40	6.56

RESULTS

Antenna Gain and Limit

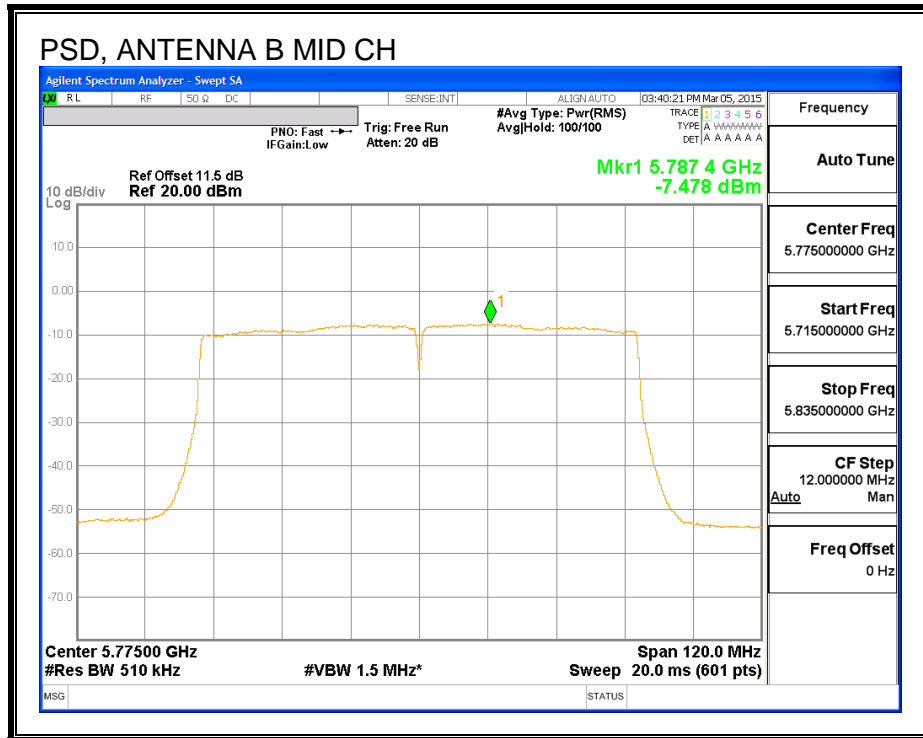
Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Mid	5775	6.56	29.44

Duty Cycle CF (dB)	0.21	Included in Calculations of Corr'd PSD
---------------------------	------	---

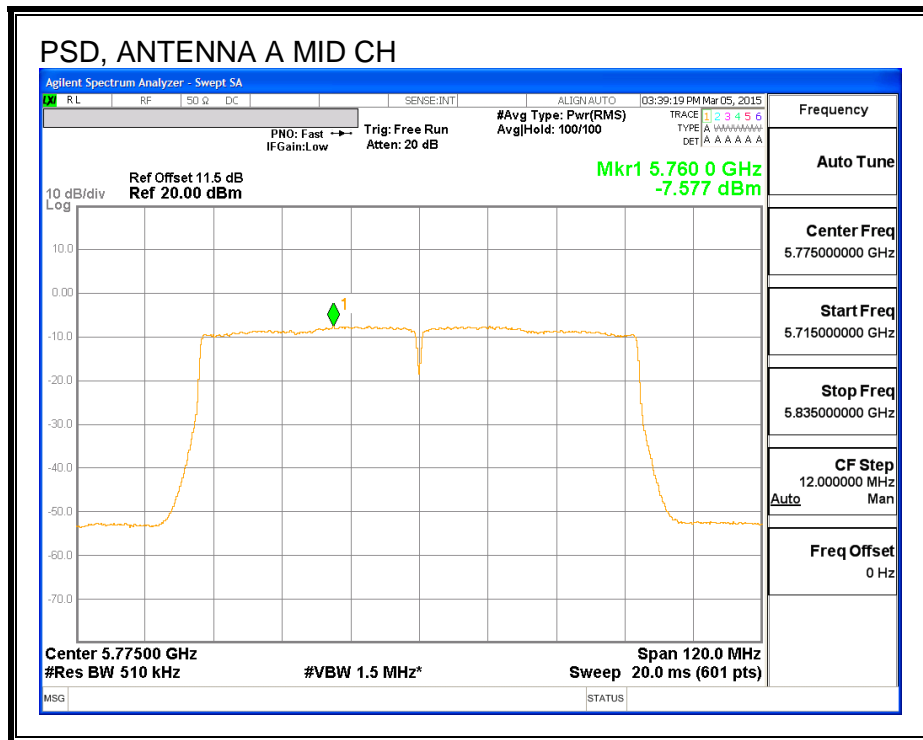
PSD Results

Channel	Frequency (MHz)	Antenna B Meas PSD (dBm)	Antenna A Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5775	-7.48	-7.58	-4.31	29.44	-33.75

PSD, ANTENNA B



PSD, ANTENNA A



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

TEST PROCEDURE

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

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

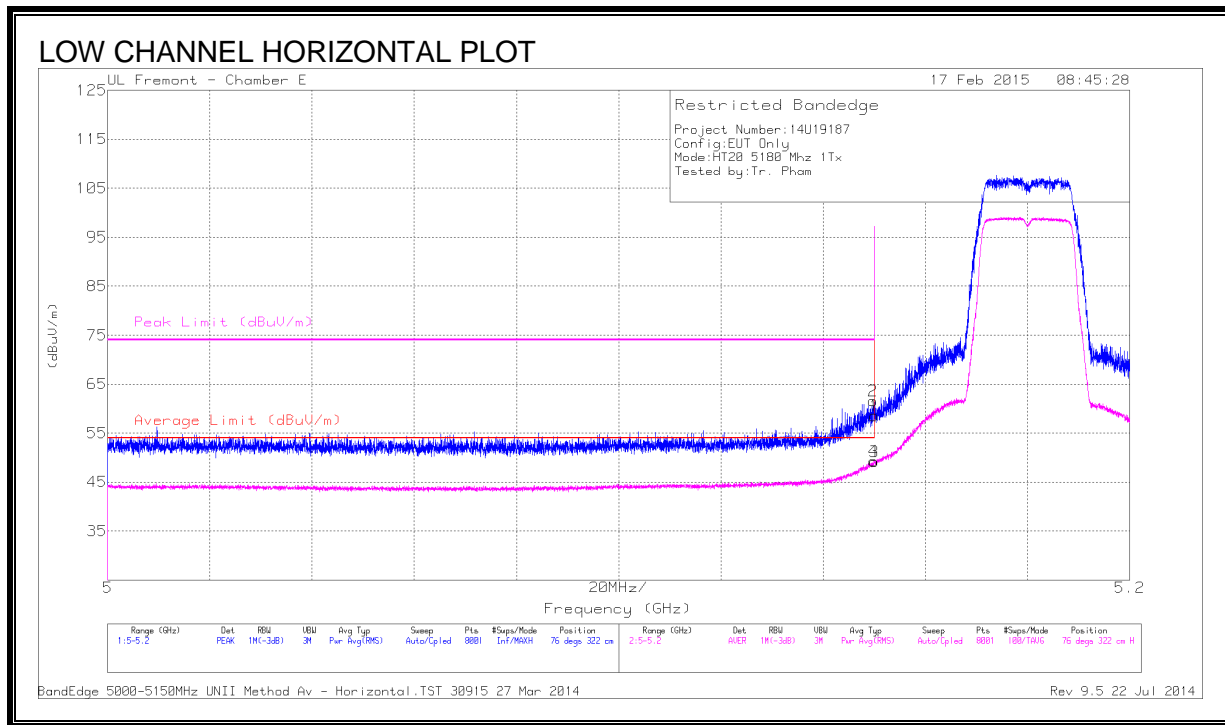
For measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for average measurements.

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

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

9.2. 802.11n HT20 SISO MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEGE (LOW CHANNEL)



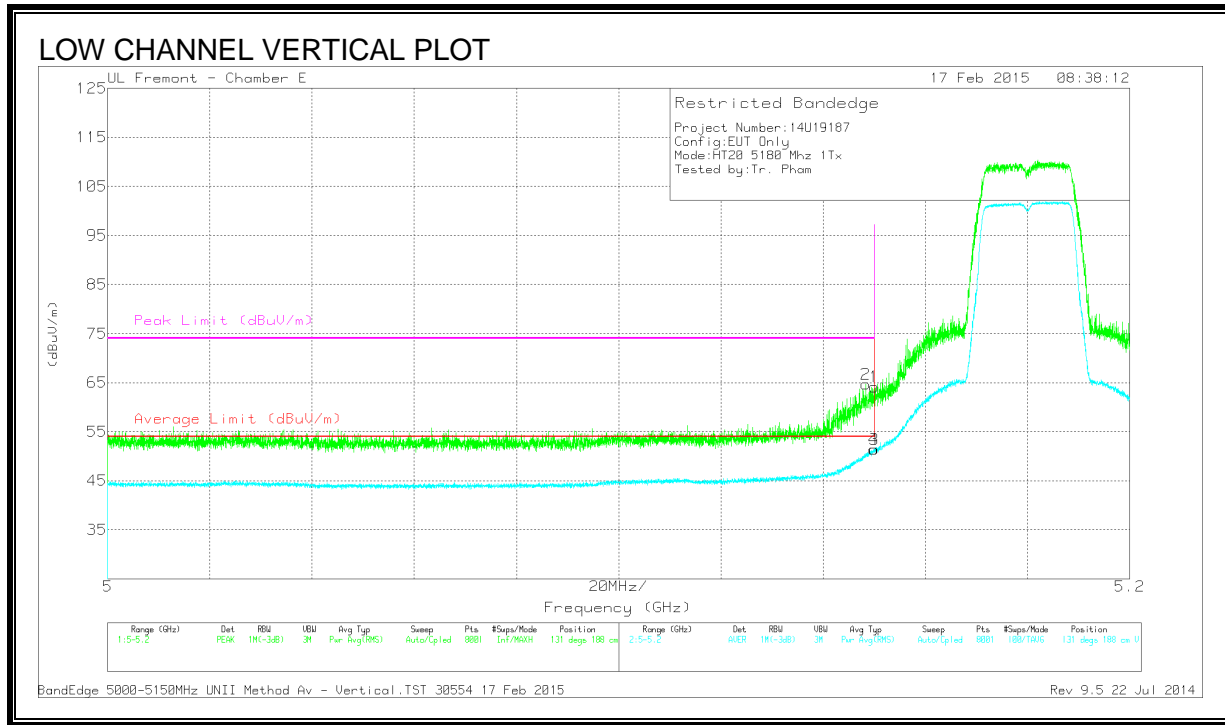
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	46.05	PK	34	-21.5	58.55	-	-	74	-15.45	76	322	H
2	* 5.15	49.13	PK	34	-21.5	61.63	-	-	74	-12.37	76	322	H
3	* 5.15	36.66	RMS	34	-21.5	49.16	54	-4.84	-	-	76	322	H
4	* 5.15	36.8	RMS	34	-21.5	49.3	54	-4.7	-	-	76	322	H

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

PK - Peak detector

RMS - RMS detection



DATA

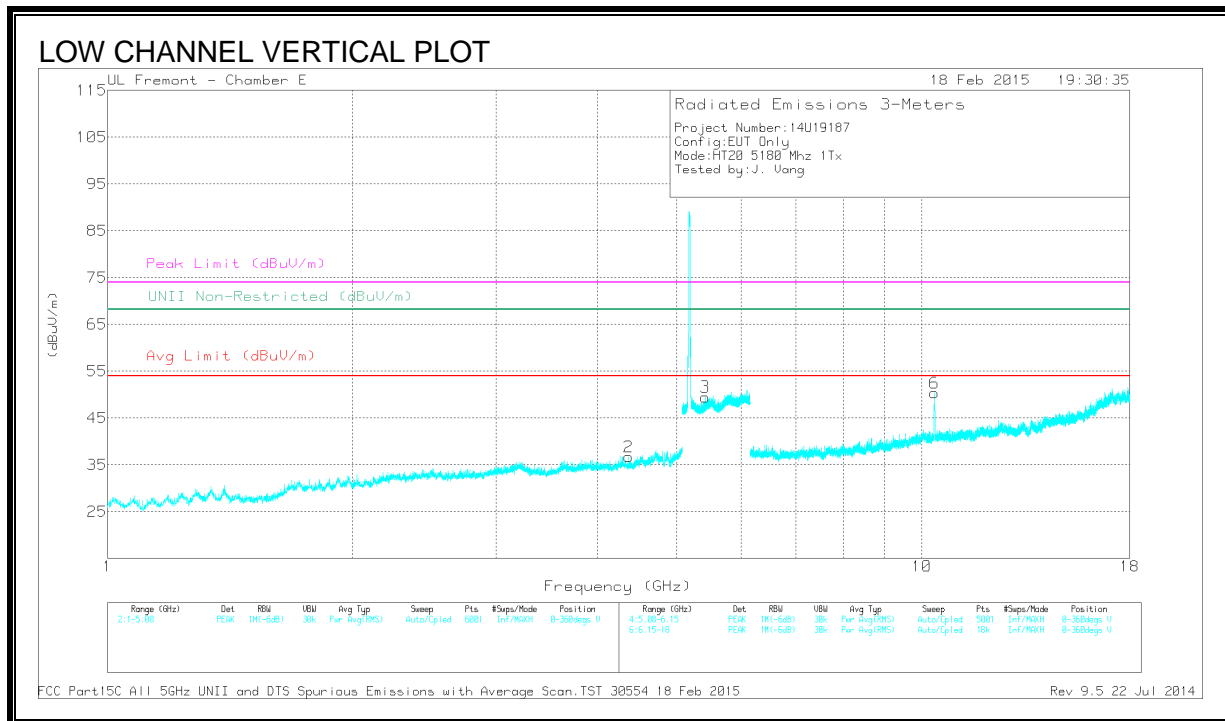
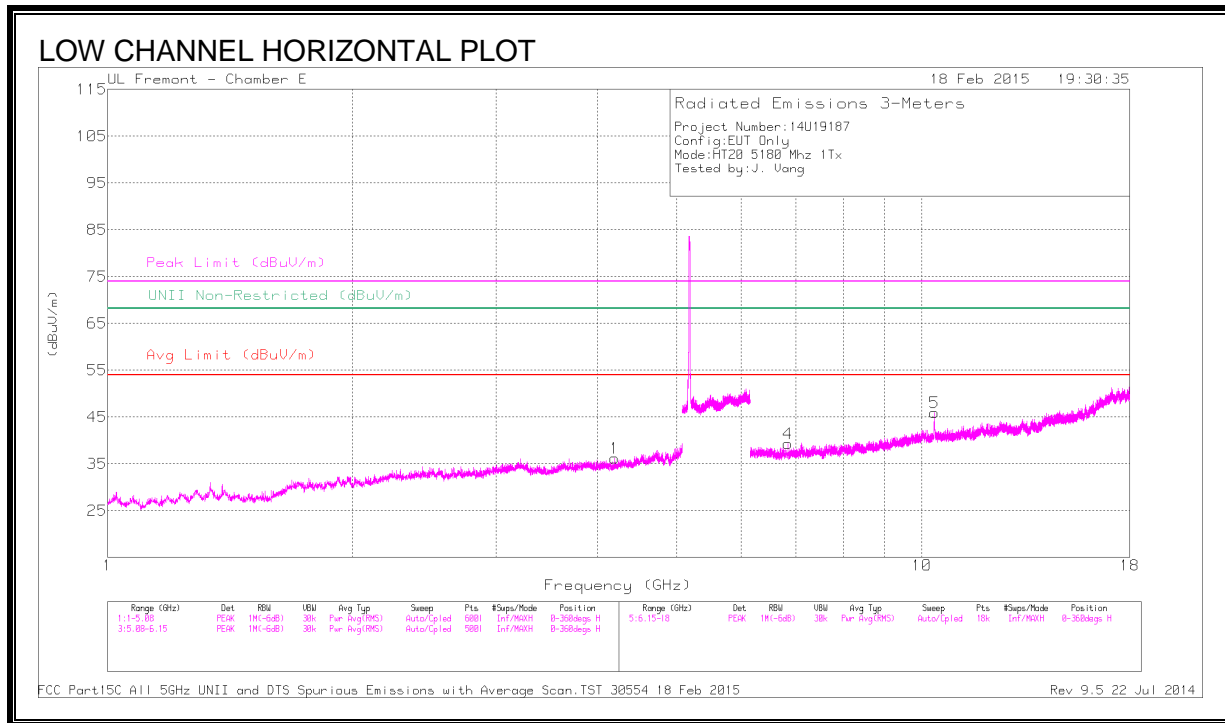
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	51.64	PK	34	-21.5	64.14	-	-	74	-9.86	131	188	V
2	* 5.148	52.18	PK	34	-21.5	64.68	-	-	74	-9.32	131	188	V
3	* 5.15	38.96	RMS	34	-21.5	51.46	54	-2.54	-	-	131	188	V
4	* 5.15	38.91	RMS	34	-21.5	51.41	54	-2.59	-	-	131	188	V

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

PK - Peak detector

RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

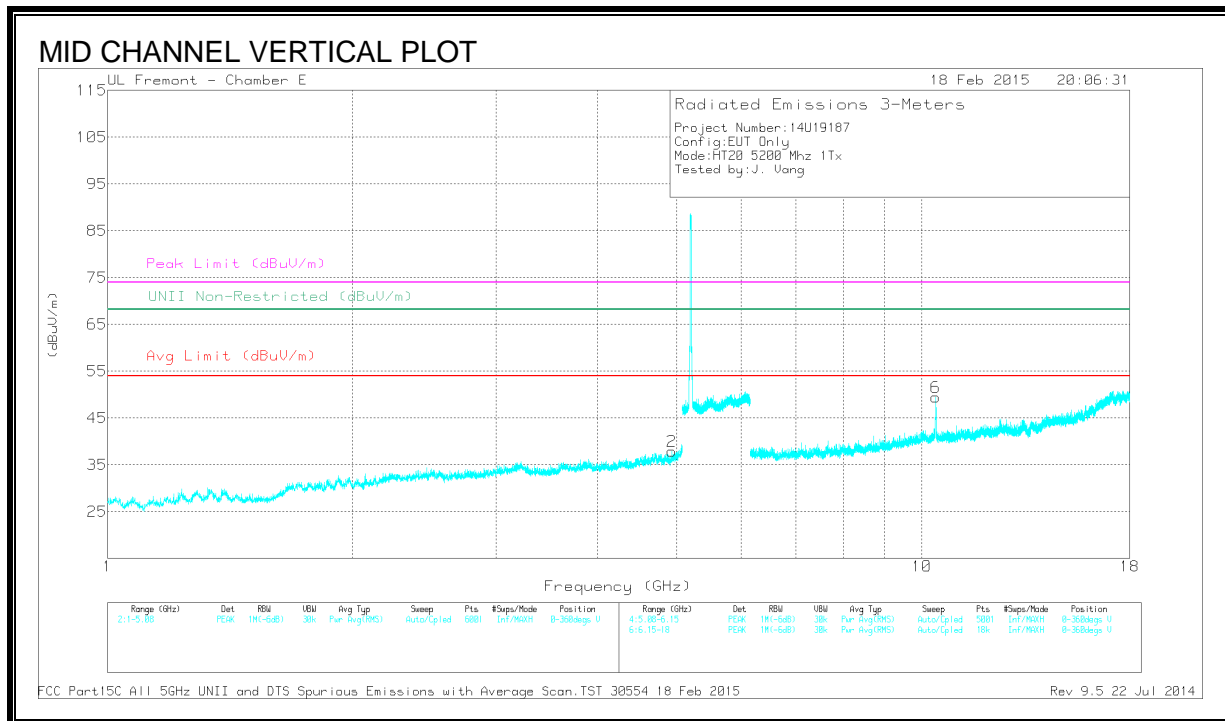
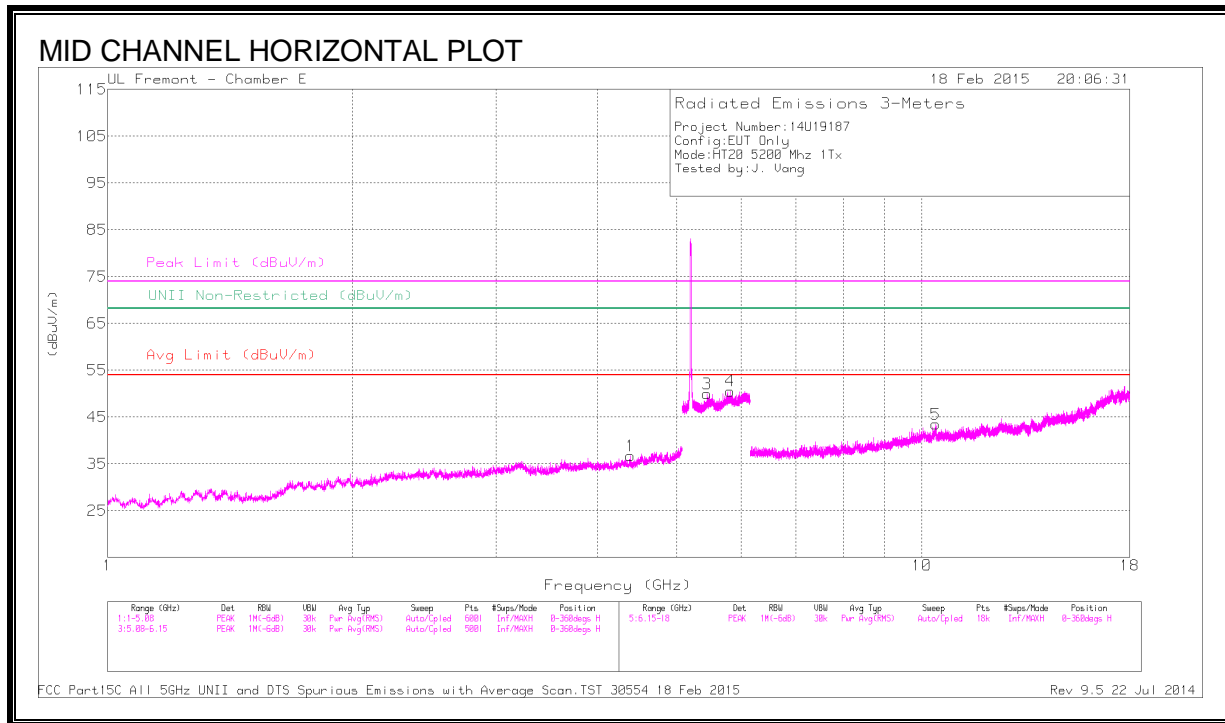
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.197	41.1	PK1	33.2	-31.6	42.7	-	-	74	-31.3	-	-	184	381	H
	* 4.195	30.12	AD1	33.2	-31.6	31.72	54	-22.28	-	-	-	-	184	381	H
2	* 4.367	40.71	PK1	33.5	-31	43.21	-	-	74	-30.79	-	-	112	175	V
	* 4.367	29.54	AD1	33.5	-31	32.04	54	-21.96	-	-	-	-	112	175	V
3	* 5.423	43.33	PK1	34.3	-21.1	56.53	-	-	74	-17.47	-	-	226	160	V
	* 5.425	31.48	AD1	34.3	-21.1	44.68	54	-9.32	-	-	-	-	226	160	V
4	6.847	39.9	PK1	35.2	-28.9	46.2	-	-	-	-	68.2	-22	252	101	H
5	10.361	41.39	PK1	37.3	-23.8	54.89	-	-	-	-	68.2	-13.31	101	353	H
6	10.365	46.53	PK1	37.3	-23.7	60.13	-	-	-	-	68.2	-8.07	32	200	V

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

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

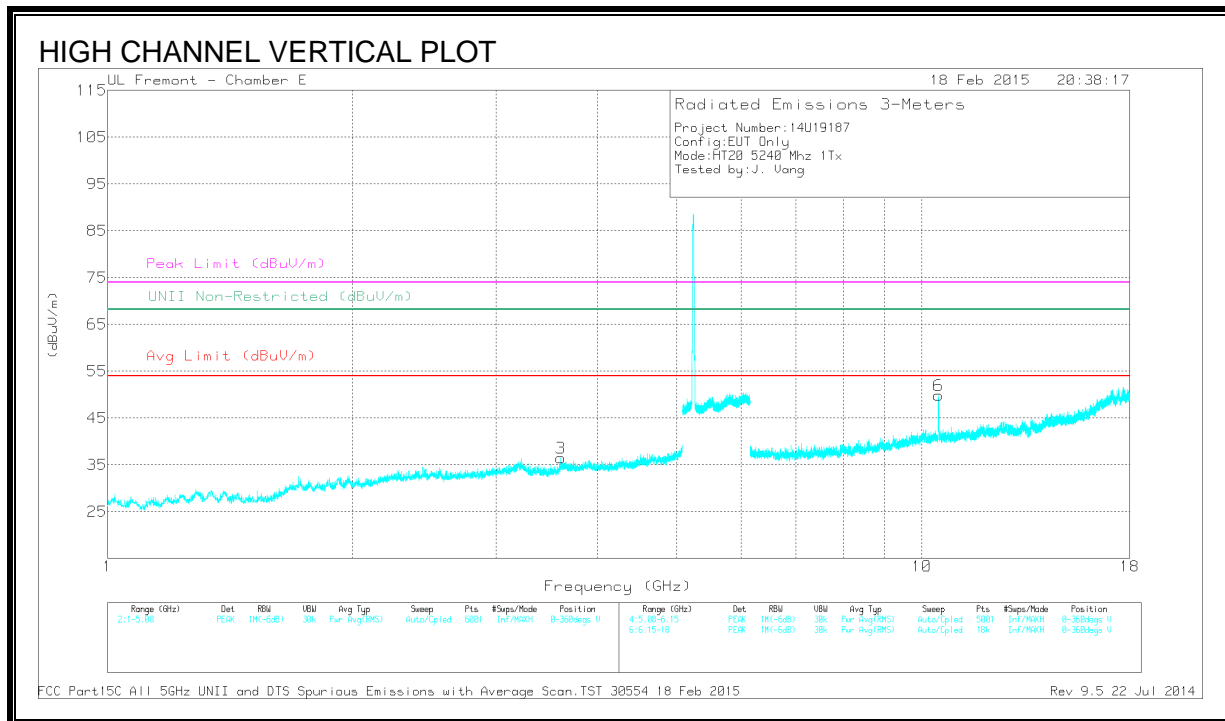
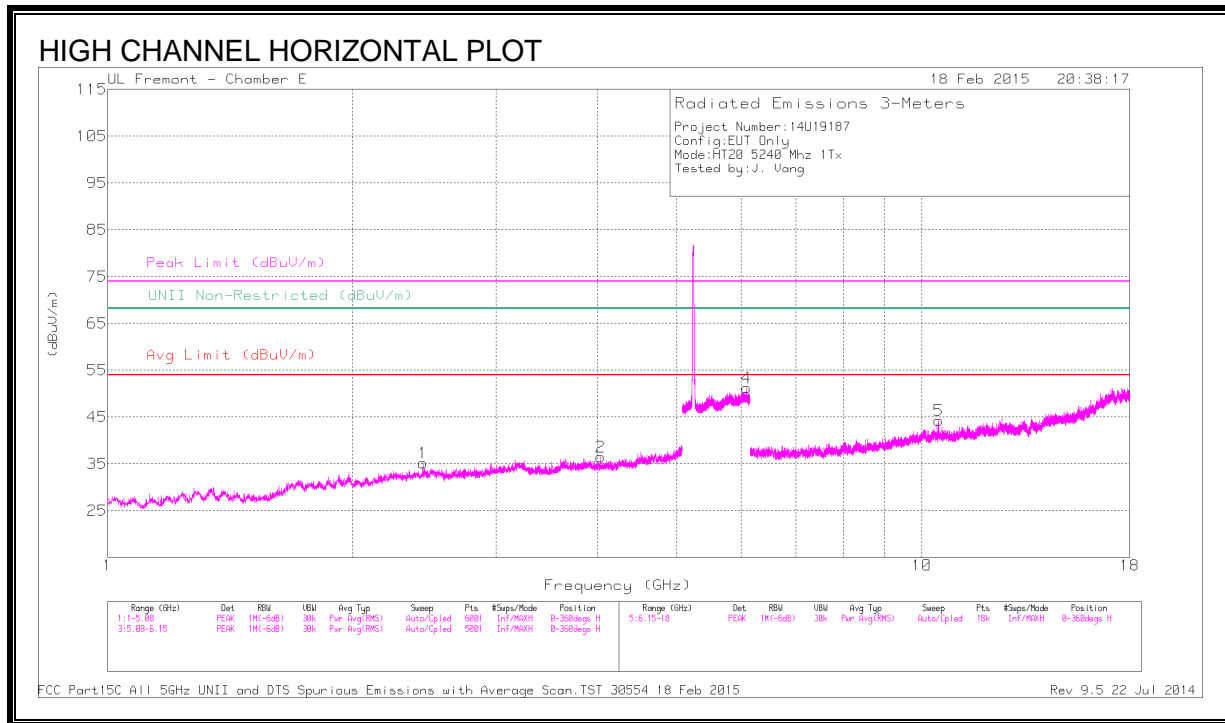
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.388	41.6	PK1	33.5	-31.3	43.8	-	-	74	-30.2	-	-	310	122	H
	* 4.387	29.9	AD1	33.5	-31.3	32.1	54	-21.9	-	-	-	-	310	122	H
2	* 4.93	40.02	PK1	33.9	-29.8	44.12	-	-	74	-29.88	-	-	320	130	V
	* 4.932	28.83	AD1	33.9	-29.8	32.93	54	-21.07	-	-	-	-	320	130	V
3	* 5.445	43.58	PK1	34.3	-20.9	56.98	-	-	74	-17.02	-	-	65	100	H
	* 5.446	31.54	AD1	34.3	-20.9	44.94	54	-9.06	-	-	-	-	65	100	H
4	5.819	43.03	PK1	34.7	-20.3	57.43	-	-	-	-	68.2	-10.77	65	100	H
5	10.402	40.06	PK1	37.4	-24.2	53.26	-	-	-	-	68.2	-14.94	103	200	H
6	10.402	45.93	PK1	37.4	-24.2	59.13	-	-	-	-	68.2	-9.07	36	200	V

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

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 4.032	41.54	PK1	33.1	-31.4	43.24	-	-	74	-30.76	-	-	105	400	H
	* 4.034	30.2	AD1	33.1	-31.4	31.9	54	-22.1	-	-	-	-	105	400	H
3	* 3.603	42.37	PK1	32.8	-31.1	44.07	-	-	74	-29.93	-	-	108	101	V
	* 3.602	30.02	AD1	32.8	-31.2	31.62	54	-22.38	-	-	-	-	108	101	V
1	2.437	42.38	PK1	32.1	-33.1	41.38	-	-	-	-	68.2	-26.82	0	101	H
4	6.086	42.84	PK1	35.1	-20.2	57.74	-	-	-	-	68.2	-10.46	70	101	H
6	10.48	41.39	PK1	37.3	-24.3	54.39	-	-	-	-	68.2	-13.81	334	232	H
5	10.48	45.67	PK1	37.3	-24.3	58.67	-	-	-	-	68.2	-9.53	91	212	V

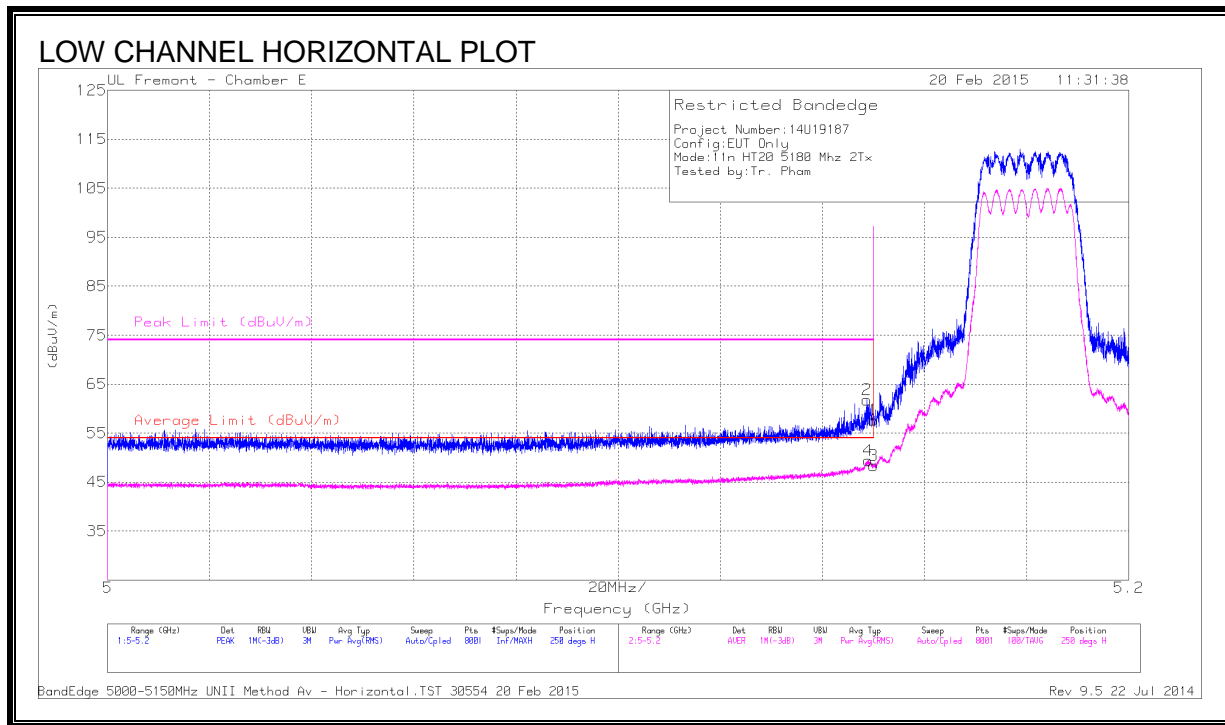
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

9.3. 802.11n HT20 2Tx CDD MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEGE (LOW CHANNEL)



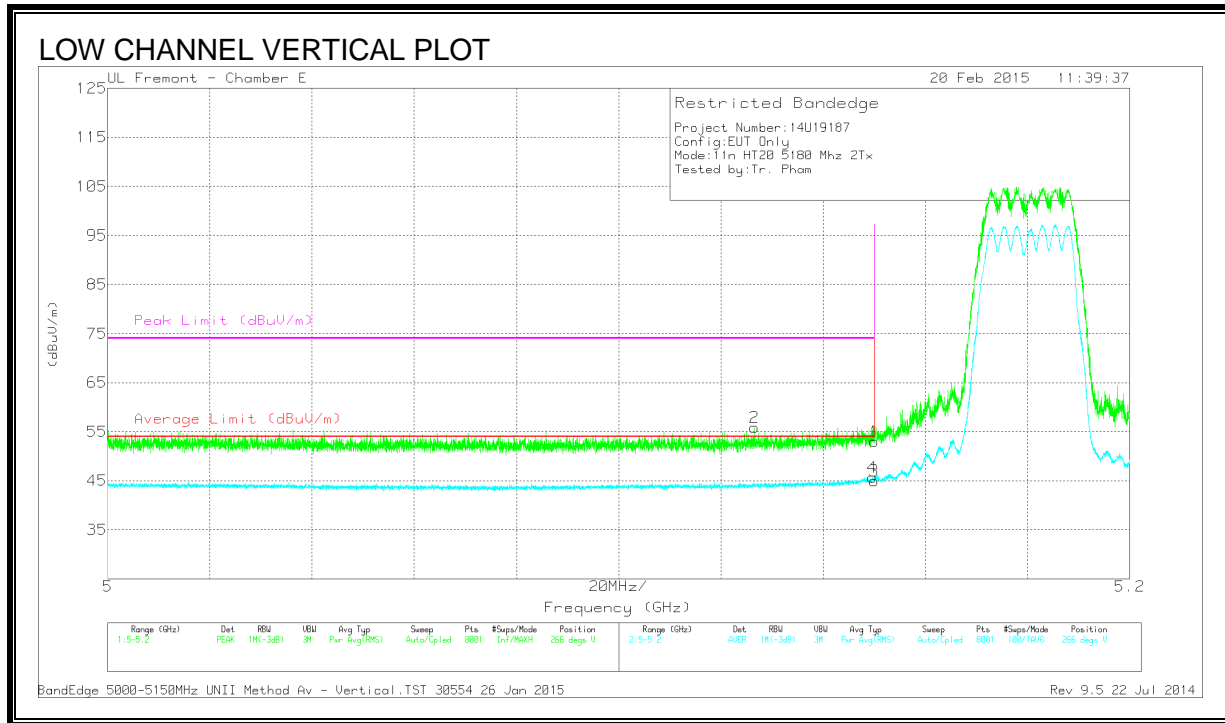
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	45.18	PK	34	-21.5	57.68	-	-	74	-16.32	250	150	H
2	* 5.149	49.28	PK	34	-21.5	61.78	-	-	74	-12.22	250	150	H
3	* 5.15	35.87	RMS	34	-21.5	48.37	54	-5.63	-	-	250	150	H
4	* 5.149	36.96	RMS	34	-21.5	49.46	54	-4.54	-	-	250	150	H

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

PK - Peak detector

RMS - RMS detection



DATA

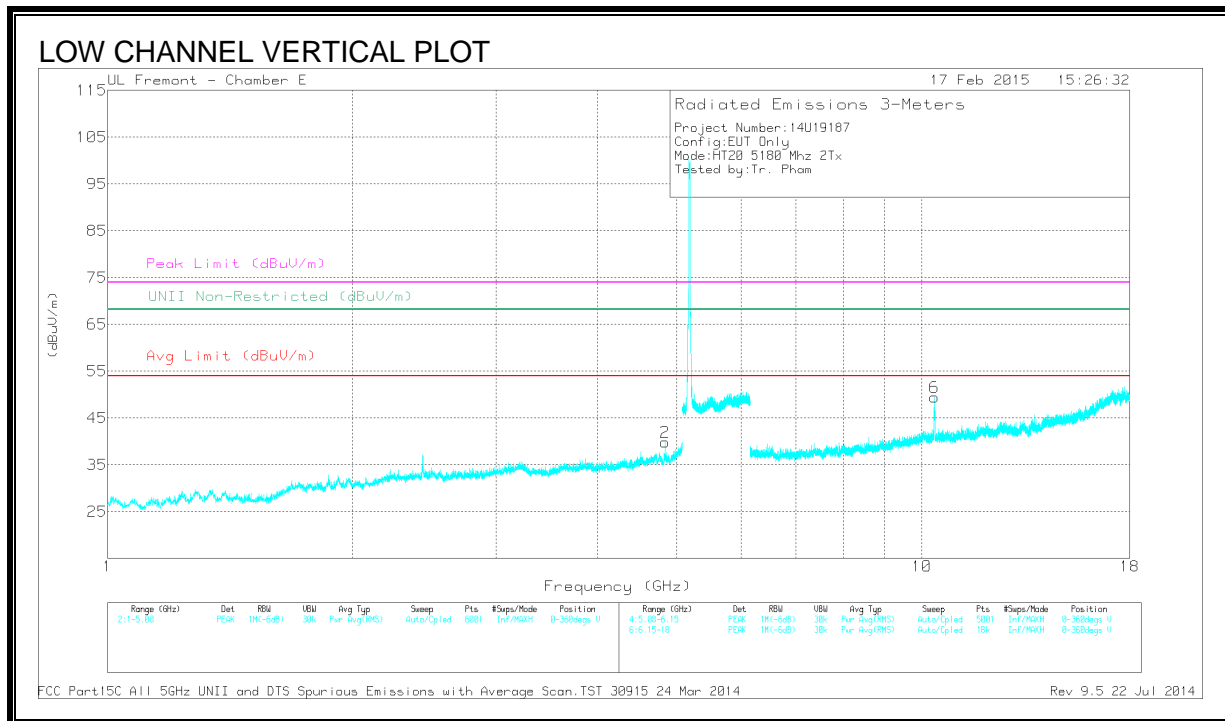
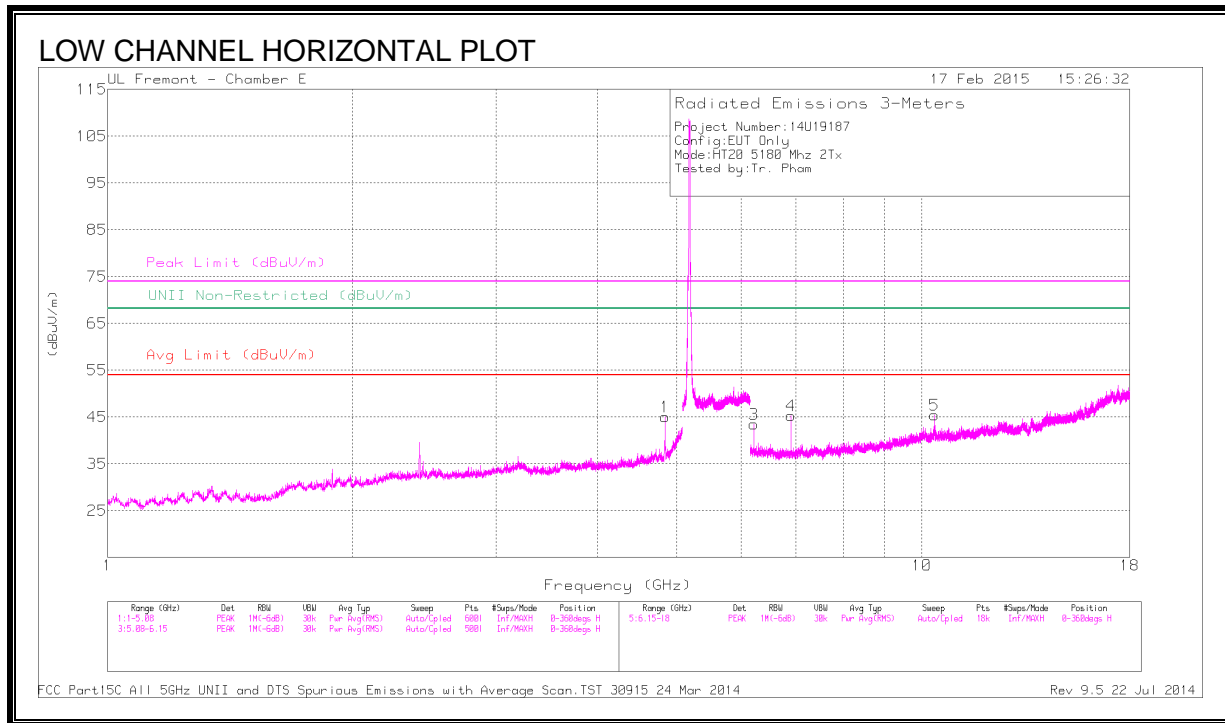
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.127	43.59	PK	34	-21.7	55.89	-	-	74	-18.11	266	148	V
1	* 5.15	40.54	PK	34	-21.5	53.04	-	-	74	-20.96	266	148	V
3	* 5.15	32.51	RMS	34	-21.5	45.01	54	-8.99	-	-	266	148	V
4	* 5.15	33.16	RMS	34	-21.5	45.66	54	-8.34	-	-	266	148	V

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

PK - Peak detector

RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

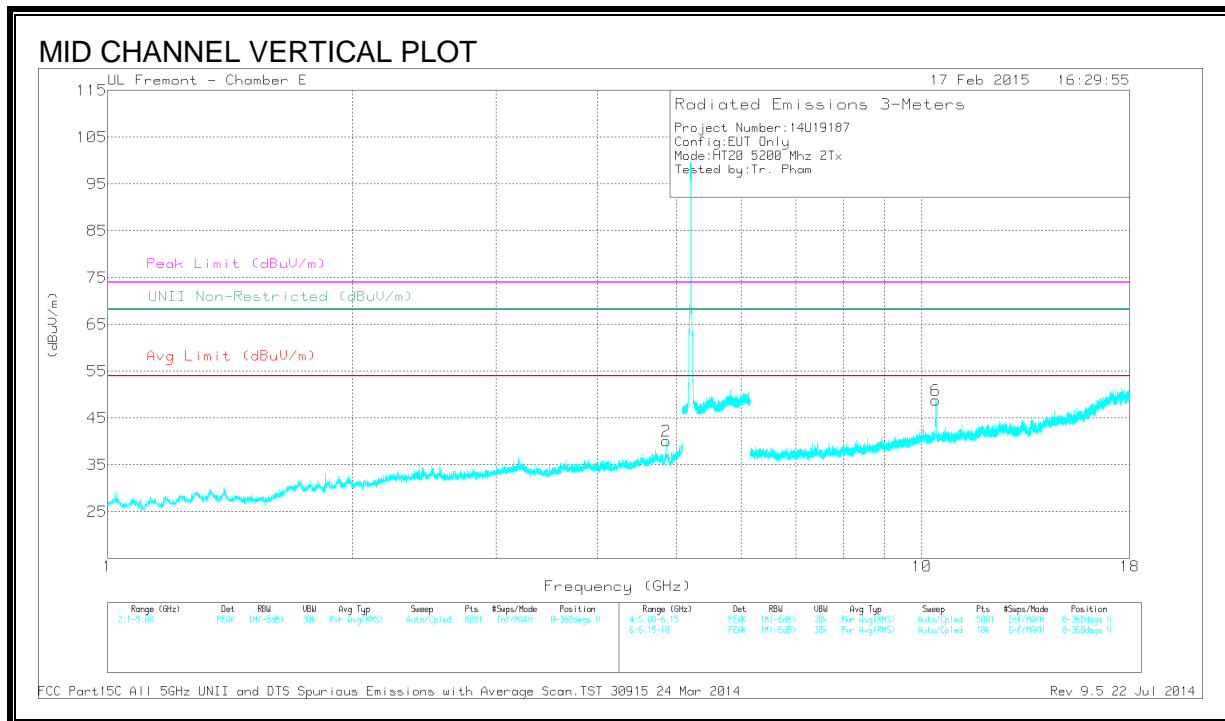
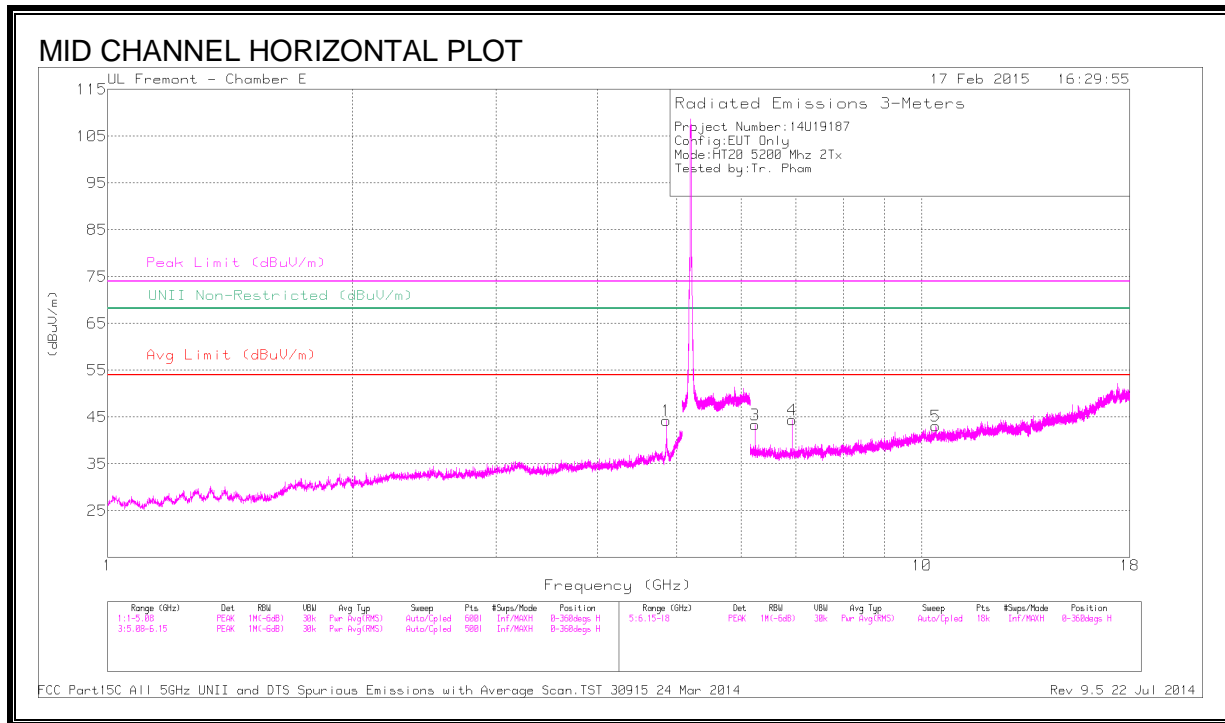
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.835	46.45	PK1	33.9	-30.3	50.05	-	-	74	-23.95	-	-	286	284	H
	* 4.835	39.14	AD1	33.9	-30.3	42.74	54	-11.26	-	-	-	-	286	284	H
2	* 4.834	43.38	PK1	33.9	-30.3	46.98	-	-	74	-27.02	-	-	320	180	V
	* 4.835	33.39	AD1	33.9	-30.3	36.99	54	-17.01	-	-	-	-	320	180	V
5	6.216	44.8	PK1	35.3	-29.5	50.6	-	-	-	-	68.2	-17.6	311	194	H
6	6.907	45.2	PK1	35.2	-28.8	51.6	-	-	-	-	68.2	-16.6	256	104	H
3	10.358	39.82	PK1	37.3	-23.9	53.22	-	-	-	-	68.2	-14.98	248	331	H
4	10.358	46.16	PK1	37.3	-23.9	59.56	-	-	-	-	68.2	-8.64	0	202	V

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

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

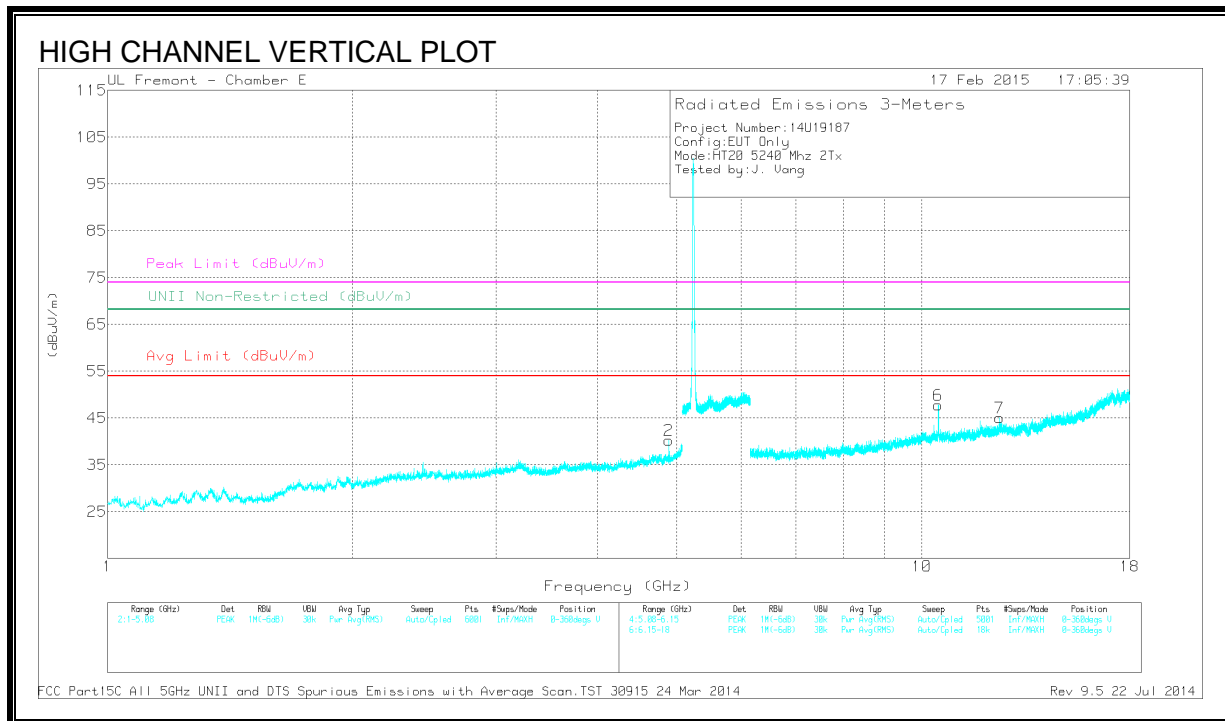
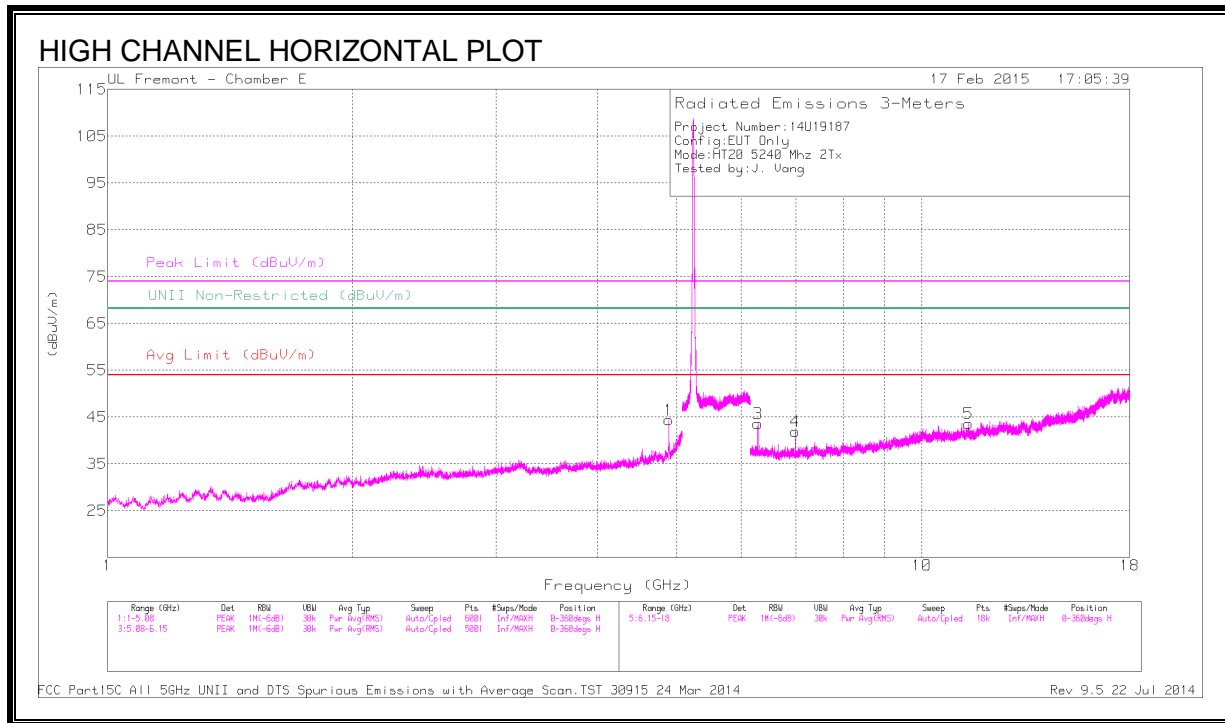
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.853	46.92	PK1	33.9	-30.5	50.32	-	-	74	-23.68	-	-	312	307	H
	* 4.853	39.87	AD1	33.9	-30.5	43.27	54	-10.73	-	-	-	-	312	307	H
2	* 4.854	43.2	PK1	33.9	-30.5	46.6	-	-	74	-27.4	-	-	311	181	V
	* 4.853	34.49	AD1	33.9	-30.5	37.89	54	-16.11	-	-	-	-	311	181	V
3	6.24	43.42	PK1	35.3	-29.7	49.02	-	-	-	-	68.2	-19.18	298	184	H
4	6.933	42.55	PK1	35.2	-28.4	49.35	-	-	-	-	68.2	-18.85	252	101	H
6	10.392	36.89	PK1	37.4	-24.2	50.09	-	-	-	-	68.2	-18.11	96	200	V
5	10.405	37.63	PK1	37.4	-24.2	50.83	-	-	-	-	68.2	-17.37	96	200	H

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

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.891	47.72	PK1	33.8	-30.1	51.42	-	-	74	-22.58	-	-	309	304	H
	* 4.891	41.81	AD1	33.8	-30.1	45.51	54	-8.49	-	-	-	-	309	304	H
2	* 4.891	43.16	PK1	33.8	-30.1	46.86	-	-	74	-27.14	-	-	316	174	V
	* 4.891	35.07	AD1	33.8	-30.1	38.77	54	-15.23	-	-	-	-	316	174	V
5	* 11.405	36.33	PK1	37.5	-23.8	50.03	-	-	74	-23.97	-	-	57	101	H
	* 11.407	25.09	AD1	37.5	-23.8	38.79	54	-15.21	-	-	-	-	57	101	H
7	* 12.462	36.6	PK1	38.6	-23.6	51.6	-	-	74	-22.4	-	-	7	116	V
	* 12.459	25.13	AD1	38.6	-23.6	40.13	54	-13.87	-	-	-	-	7	116	V
3	6.288	43.11	PK1	35.3	-29.3	49.11	-	-	-	-	68.2	-19.09	291	200	H
4	6.987	41.29	PK1	35.3	-28.3	48.29	-	-	-	-	68.2	-19.91	308	101	H
6	10.479	37.03	PK1	37.3	-24.3	50.03	-	-	-	-	68.2	-18.17	57	101	V

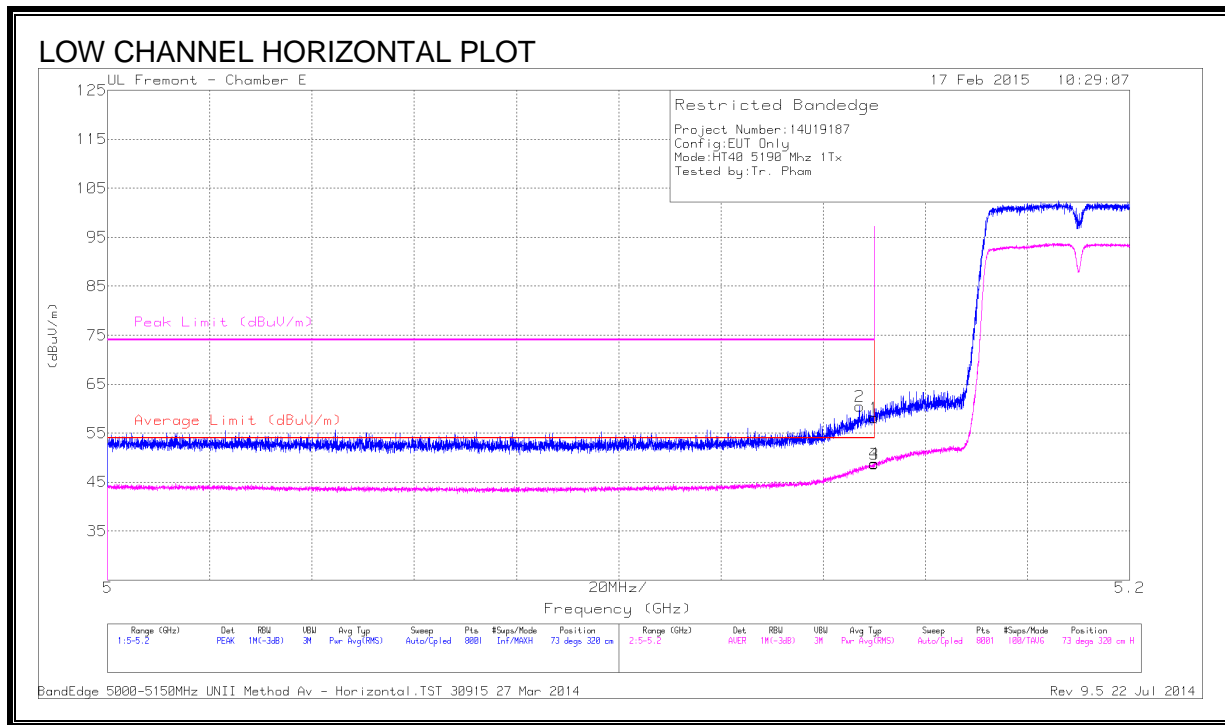
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

9.4. 802.11n HT40 SISO MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEGE (LOW CHANNEL)



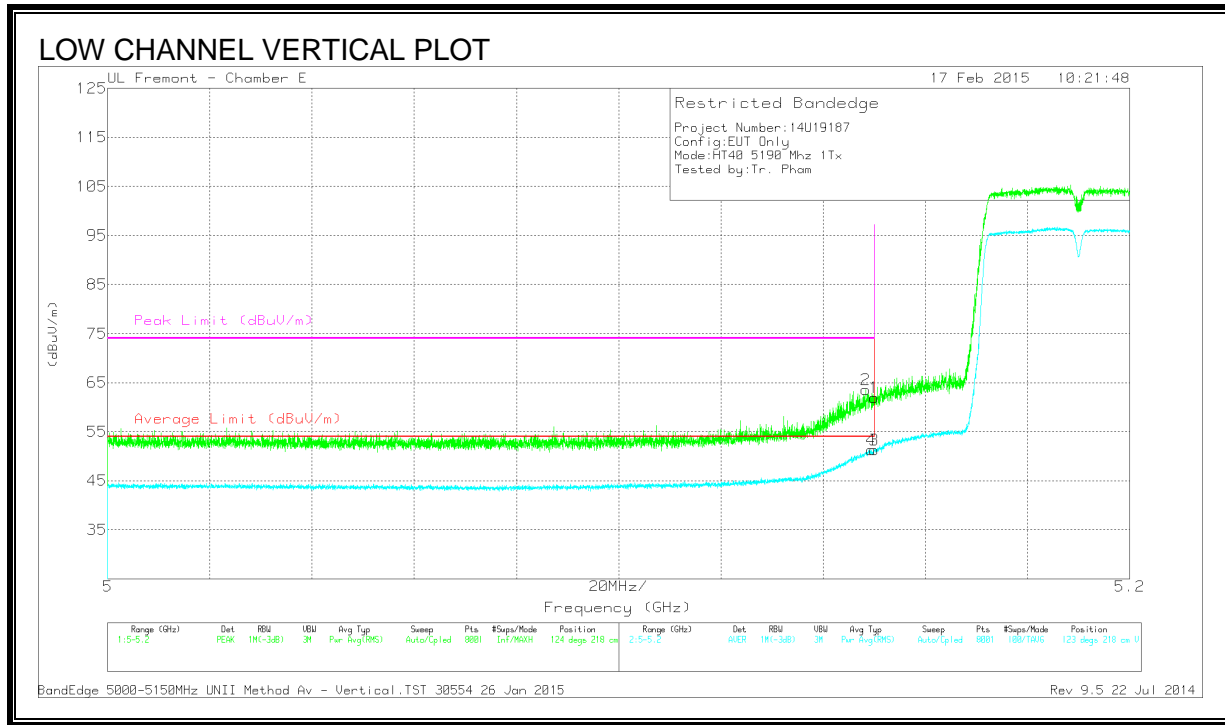
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	45.65	PK	34	-21.5	58.15	-	-	74	-15.85	73	320	H
2	* 5.147	48.05	PK	34	-21.6	60.45	-	-	74	-13.55	73	320	H
3	* 5.15	36.13	RMS	34	-21.5	48.63	54	-5.37	-	-	73	320	H
4	* 5.15	36.3	RMS	34	-21.5	48.8	54	-5.2	-	-	73	320	H

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

PK - Peak detector

RMS - RMS detection



DATA

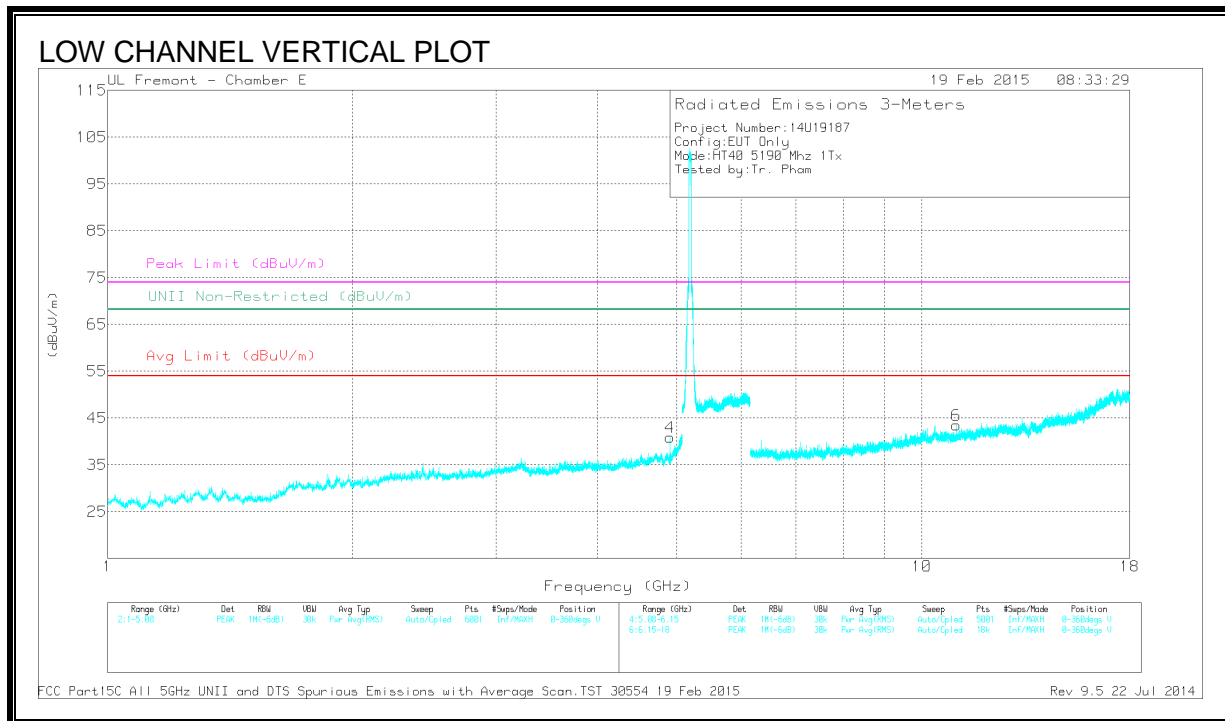
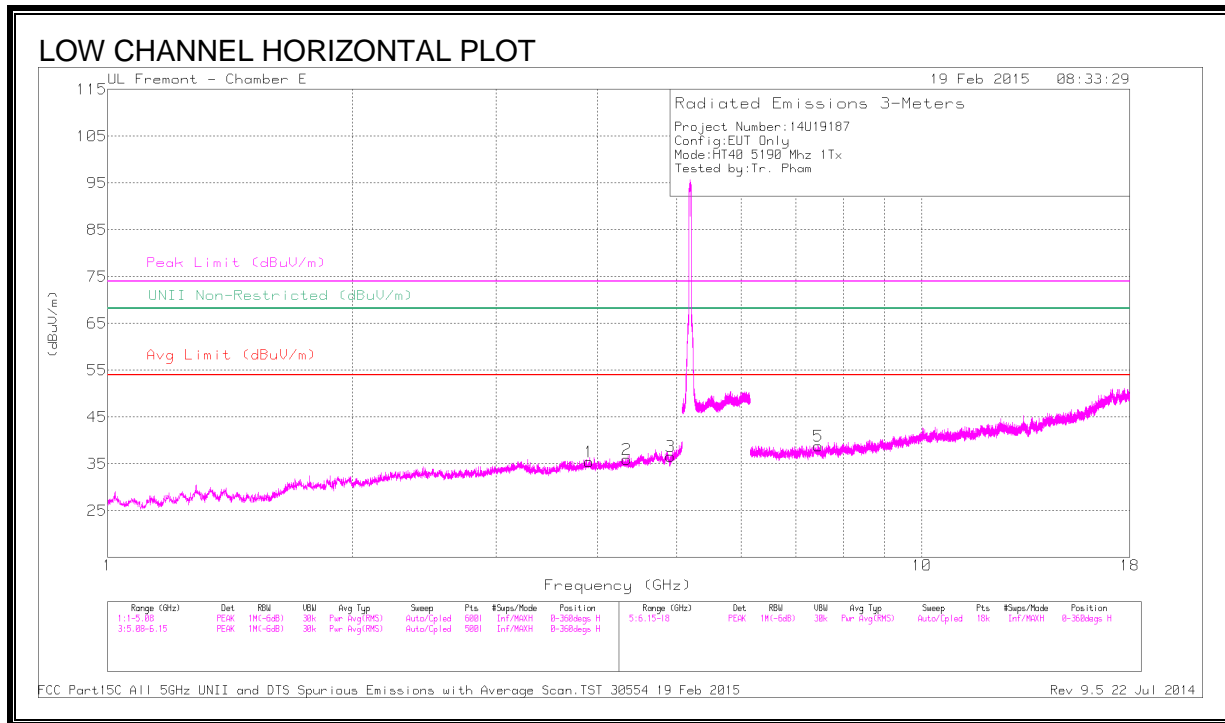
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	49.43	PK	34	-21.5	61.93	-	-	74	-12.07	124	218	V
2	* 5.148	51.06	PK	34	-21.5	63.56	-	-	74	-10.44	124	218	V
3	* 5.15	38.82	RMS	34	-21.5	51.32	54	-2.68	-	-	123	218	V
4	* 5.149	38.81	RMS	34	-21.5	51.31	54	-2.69	-	-	123	218	V

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

PK - Peak detector

RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

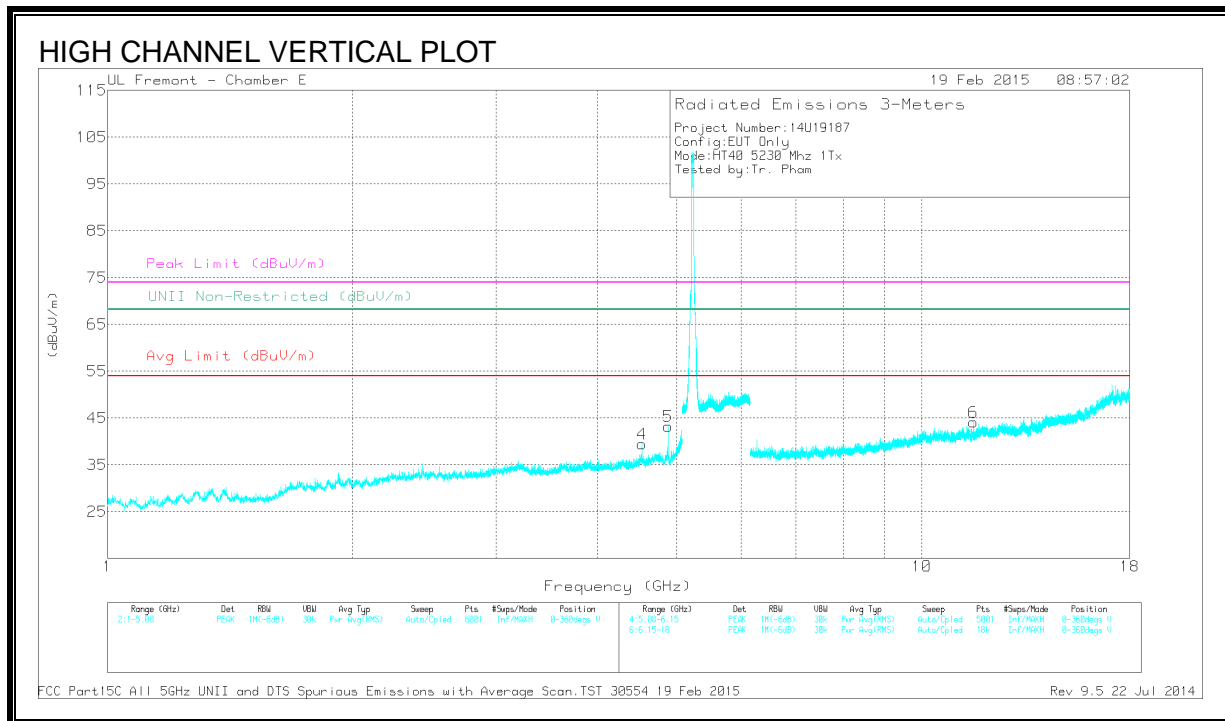
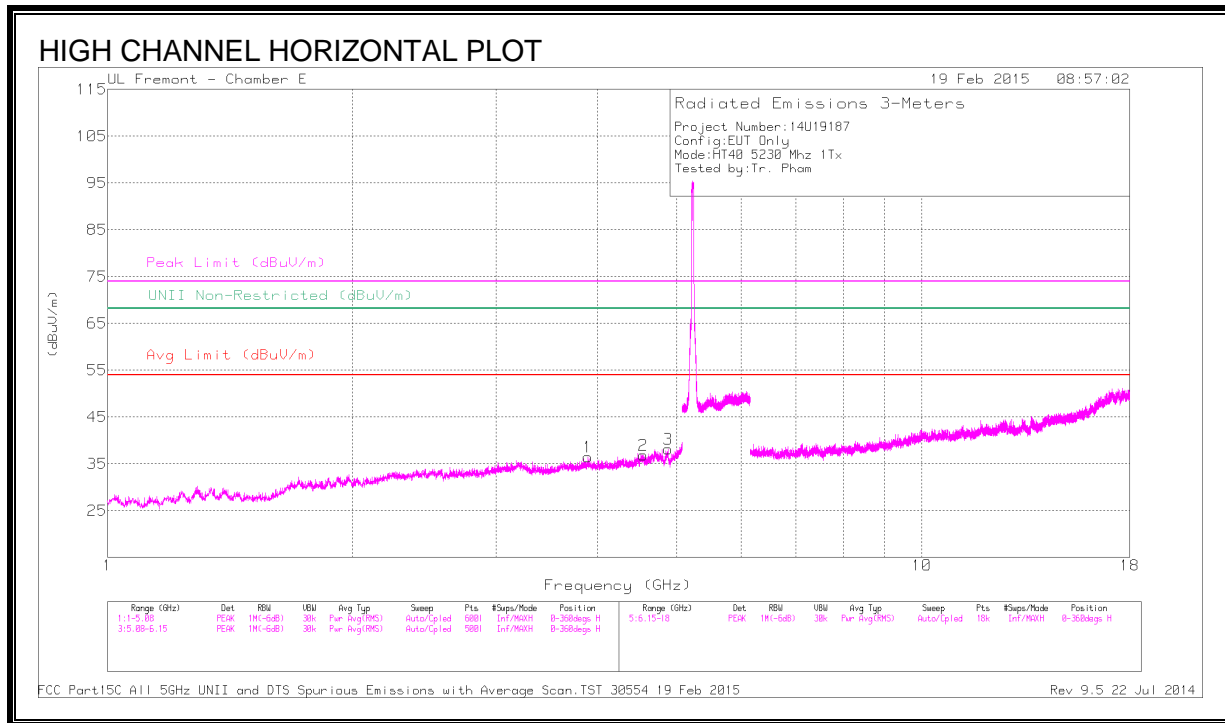
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.903	41.19	PK1	33.1	-30.5	43.79	-	-	74	-30.21	-	0	101	H
	* 3.904	29.96	AD1	33.1	-30.5	32.56	54	-21.44	-	-	-	0	101	H
2	* 4.341	42.01	PK1	33.5	-30.9	44.61	-	-	74	-29.39	-	0	101	H
	* 4.341	29.93	AD1	33.5	-30.9	32.53	54	-21.47	-	-	-	0	101	H
3	* 4.91	39.78	PK1	33.8	-29.6	43.98	-	-	74	-30.02	-	0	101	H
	* 4.91	28.83	AD1	33.8	-29.6	33.03	54	-20.97	-	-	-	0	101	H
4	* 4.901	45.53	PK1	33.8	-29.7	49.63	-	-	74	-24.37	-	127	199	V
	* 4.902	36.4	AD1	33.8	-29.7	40.5	54	-13.5	-	-	-	127	199	V
5	* 7.459	39.61	PK1	35.4	-28.7	46.31	-	-	74	-27.69	-	127	199	H
	* 7.459	28.53	AD1	35.4	-28.7	35.23	54	-18.77	-	-	-	127	199	H
6	* 11.021	37.41	PK1	37.3	-23.9	50.81	-	-	74	-23.19	-	127	199	V
	* 11.022	25.69	AD1	37.3	-23.9	39.09	54	-14.91	-	-	-	127	199	V

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

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.891	41.71	PK1	33.1	-30.4	44.41	-	-	74	-29.59	0	101	H
	* 3.891	30.01	AD1	33.1	-30.4	32.71	54	-21.29	-	-	0	101	H
2	* 4.549	42.37	PK1	33.8	-30.5	45.67	-	-	74	-28.33	0	101	H
	* 4.549	30.34	AD1	33.8	-30.5	33.64	54	-20.36	-	-	0	101	H
3	* 4.882	42.34	PK1	33.8	-30.2	45.94	-	-	74	-28.06	0	101	H
	* 4.881	30.96	AD1	33.9	-30.2	34.66	54	-19.34	-	-	0	101	H
4	* 4.533	43.69	PK1	33.8	-30.5	46.99	-	-	74	-27.01	138	176	H
	* 4.533	30.62	AD1	33.8	-30.5	33.92	54	-20.08	-	-	138	176	H
5	* 4.881	46.82	PK1	33.9	-30.2	50.52	-	-	74	-23.48	134	199	V
	* 4.881	39.87	AD1	33.9	-30.2	43.57	54	-10.43	-	-	134	199	V
6	* 11.568	36.97	PK1	37.6	-24.6	49.97	-	-	74	-24.03	134	199	V
	* 11.568	25.81	AD1	37.6	-24.5	38.91	54	-15.09	-	-	134	199	V

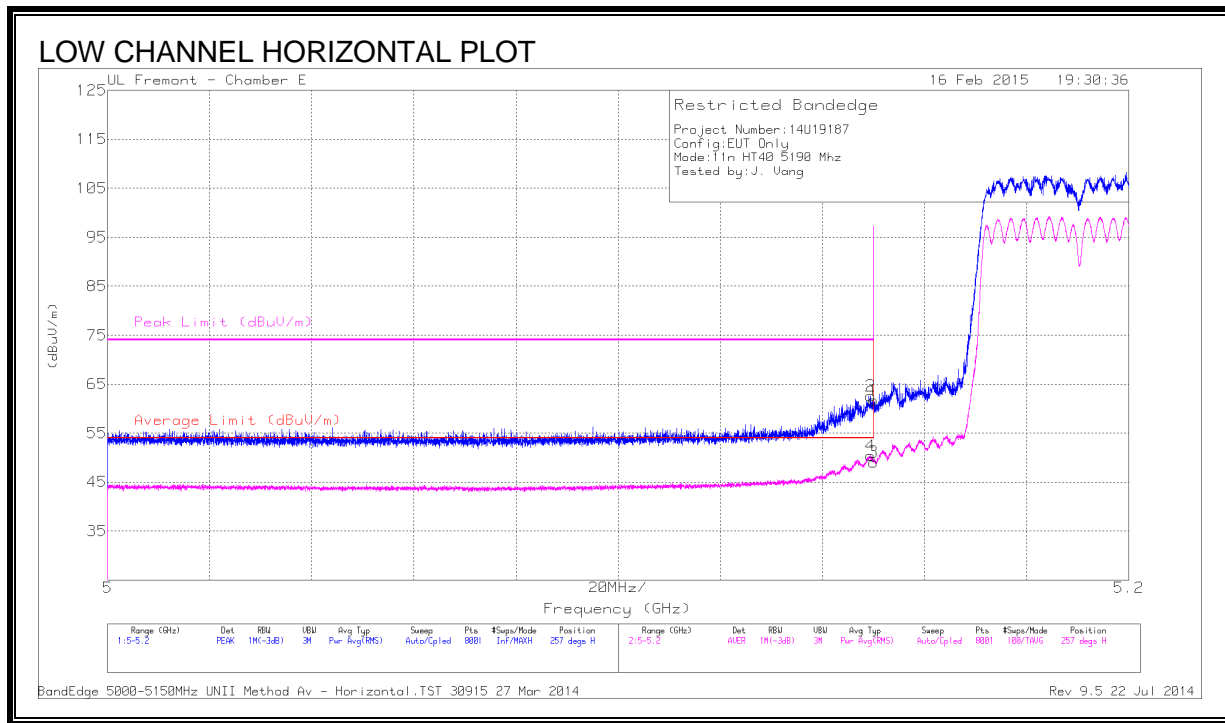
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

9.5. 802.11n HT40 2Tx CDD MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEGE (LOW CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	49.24	PK	34	-21.5	61.74	-	-	74	-12.26	257	170	H
2	* 5.149	50.14	PK	34	-21.5	62.64	-	-	74	-11.36	257	170	H
3	* 5.15	36.61	RMS	34	-21.5	49.11	54	-4.89	-	-	257	170	H
4	* 5.149	37.87	RMS	34	-21.5	50.37	54	-3.63	-	-	257	170	H

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

PK - Peak detector

RMS - RMS detection