

8.5.9. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

1TX Antenna 4 MODE

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5530	82.40	-3.80	24.00	11.00
High	5610	82.20	-3.80	24.00	11.00
138	5690	82.20	-3.80	24.00	11.00

Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd Power (CH 138) & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	17.44	17.44	24.00	-6.56
High	5610	19.42	19.42	24.00	-4.58
138	5690	18.92	19.12	24.00	-4.88

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	2.16	2.36	11.00	-8.64
High	5610	5.65	5.85	11.00	-5.15
138	5690	2.54	2.74	11.00	-8.26



1TX Antenna 5 MODE

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5530	82.60	-3.90	24.00	11.00
High	5610	82.40	-3.90	24.00	11.00
138	5690	82.40	-3.90	24.00	11.00

Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd Power (CH 142) & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	17.36	17.36	24.00	-6.64
High	5610	19.38	19.38	24.00	-4.62
138	5690	18.88	19.08	24.00	-4.92

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	1.96	2.16	11.00	-8.84
High	5610	3.34	3.54	11.00	-7.46
138	5690	2.69	2.89	11.00	-8.11



2TX Antenna 4 + Antenna 5 CDD MODE

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/ 1MHz)
Low	5530	82.20	-3.85	-0.84	24.00	11.00
High	5610	82.20	-3.85	-0.84	24.00	11.00
138	5690	82.00	-3.85	-0.84	24.00	11.00

Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd Power (CH 138) & PSD
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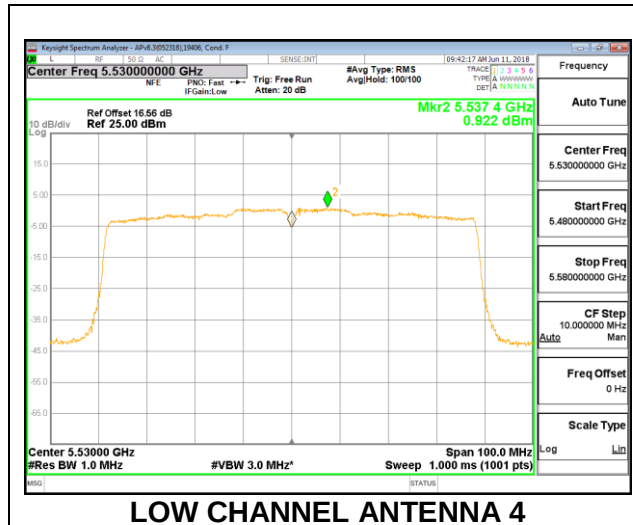
Output Power Results

Channel	Frequency (MHz)	Antenna 4 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	16.48	16.42	19.46	24.00	-4.54
High	5610	19.32	19.36	22.35	24.00	-1.65
138	5690	18.90	18.98	22.15	24.00	-1.85

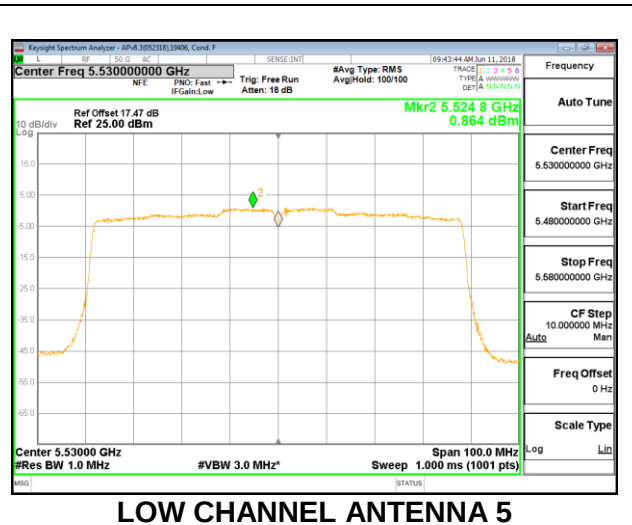
PSD Results

Channel	Frequency (MHz)	Antenna 4 Meas PSD (dBm/ 1MHz)	Antenna 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	0.92	0.86	4.10	11.00	-6.90
High	5610	3.32	3.38	6.56	11.00	-4.44
138	5690	2.66	2.84	5.96	11.00	-5.04

LOW CHANNEL

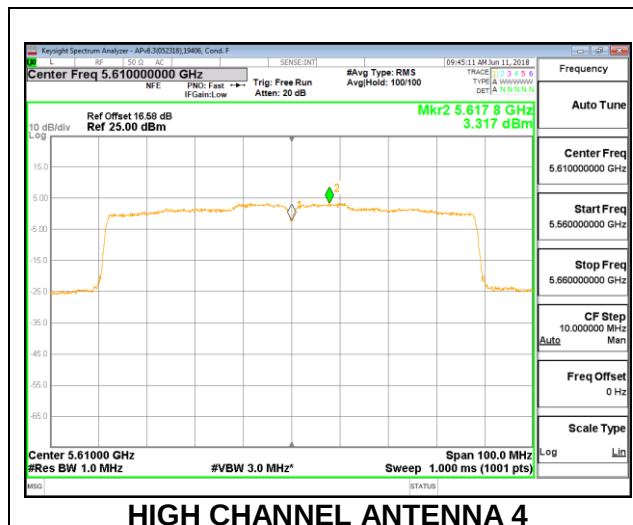


LOW CHANNEL ANTENNA 4

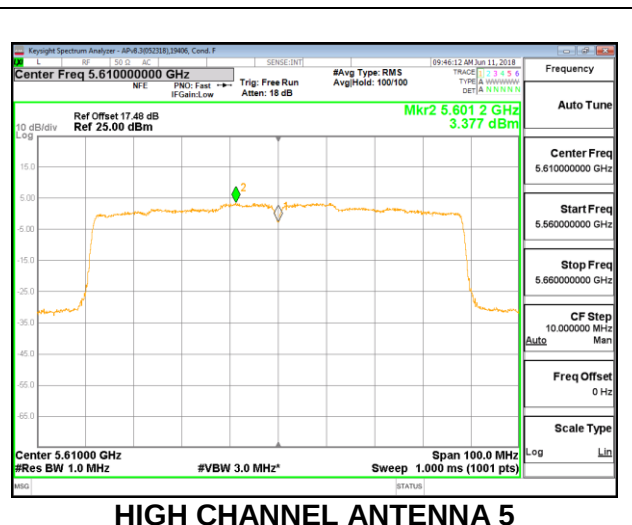


LOW CHANNEL ANTENNA 5

HIGH CHANNEL

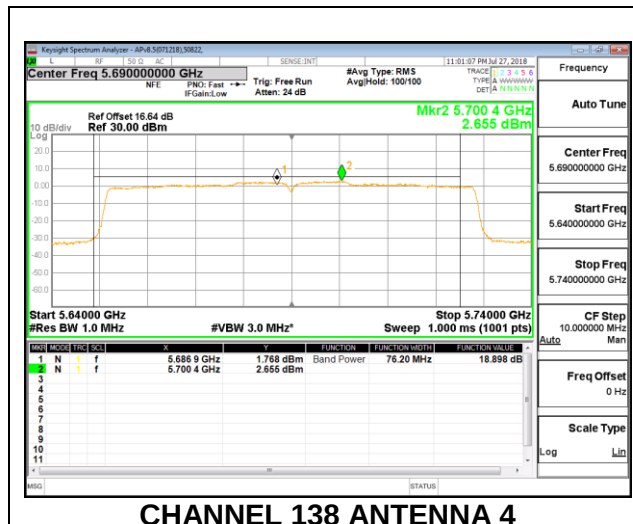


HIGH CHANNEL ANTENNA 4

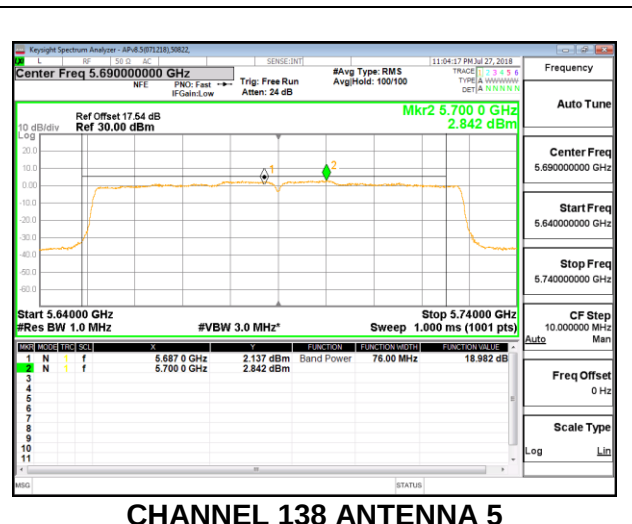


HIGH CHANNEL ANTENNA 5

CHANNEL 138



CHANNEL 138 ANTENNA 4



CHANNEL 138 ANTENNA 5

8.5.10. 802.11n HT20 MODE IN THE 5.8 GHz BAND

1TX Antenna 4 MODE

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5745	-3.70	30.00	30.00
Mid	5785	-3.70	30.00	30.00
High	5825	-3.70	30.00	30.00
144	5720	-3.70	30.00	30.00

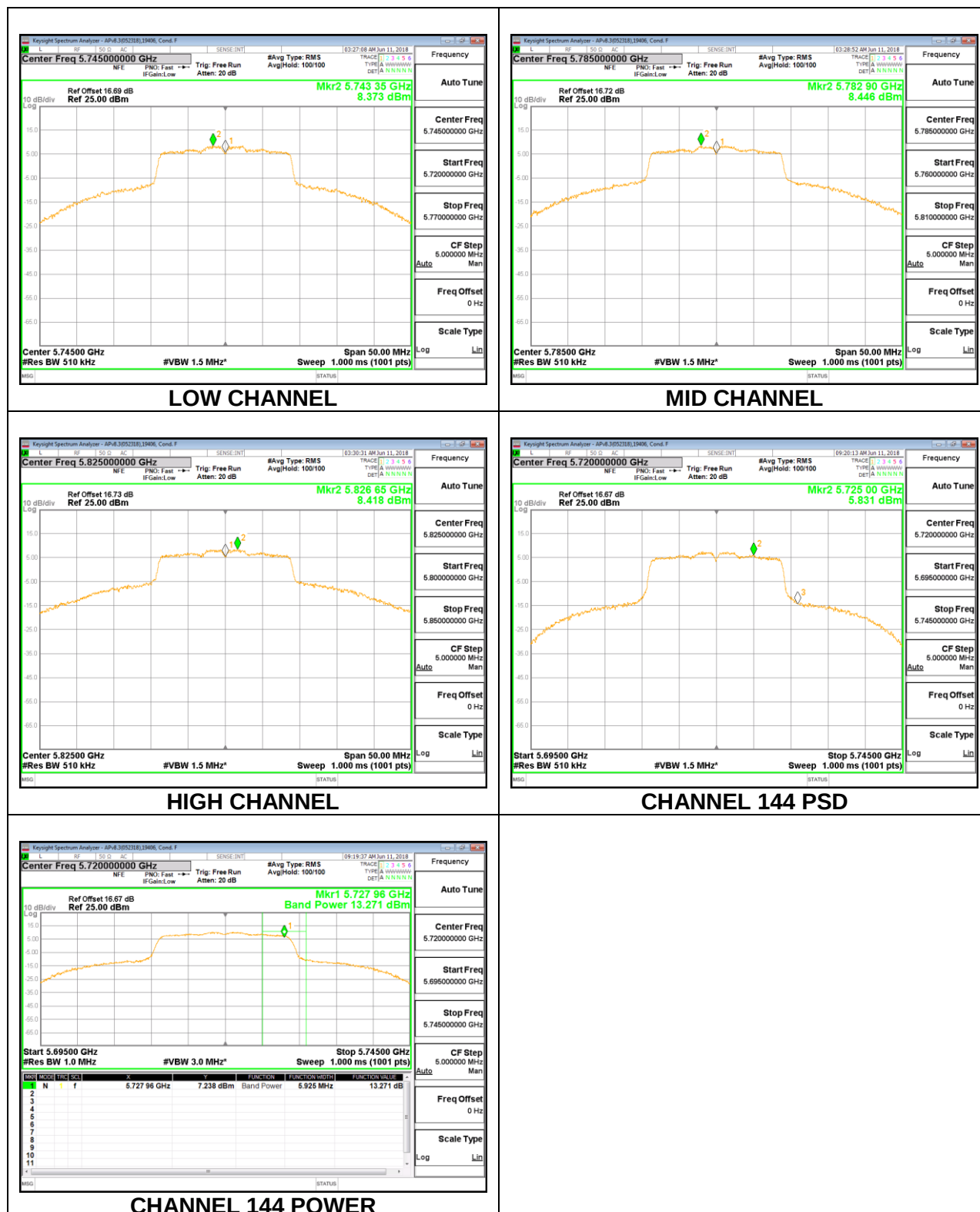
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power (CH 144) & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.330	21.330	30.00	-8.67
Mid	5785	21.490	21.490	30.00	-8.51
High	5825	21.420	21.420	30.00	-8.58
144	5720	13.271	13.271	30.00	-16.73

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	8.37	8.37	30.00	-21.63
Mid	5785	8.45	8.45	30.00	-21.55
High	5825	8.42	8.42	30.00	-21.58
144	5720	5.83	5.83	30.00	-24.17



1TX Antenna 5 MODE

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5745	-4.90	30.00	30.00
Mid	5785	-4.90	30.00	30.00
High	5825	-4.90	30.00	30.00
144	5720	-4.90	30.00	30.00

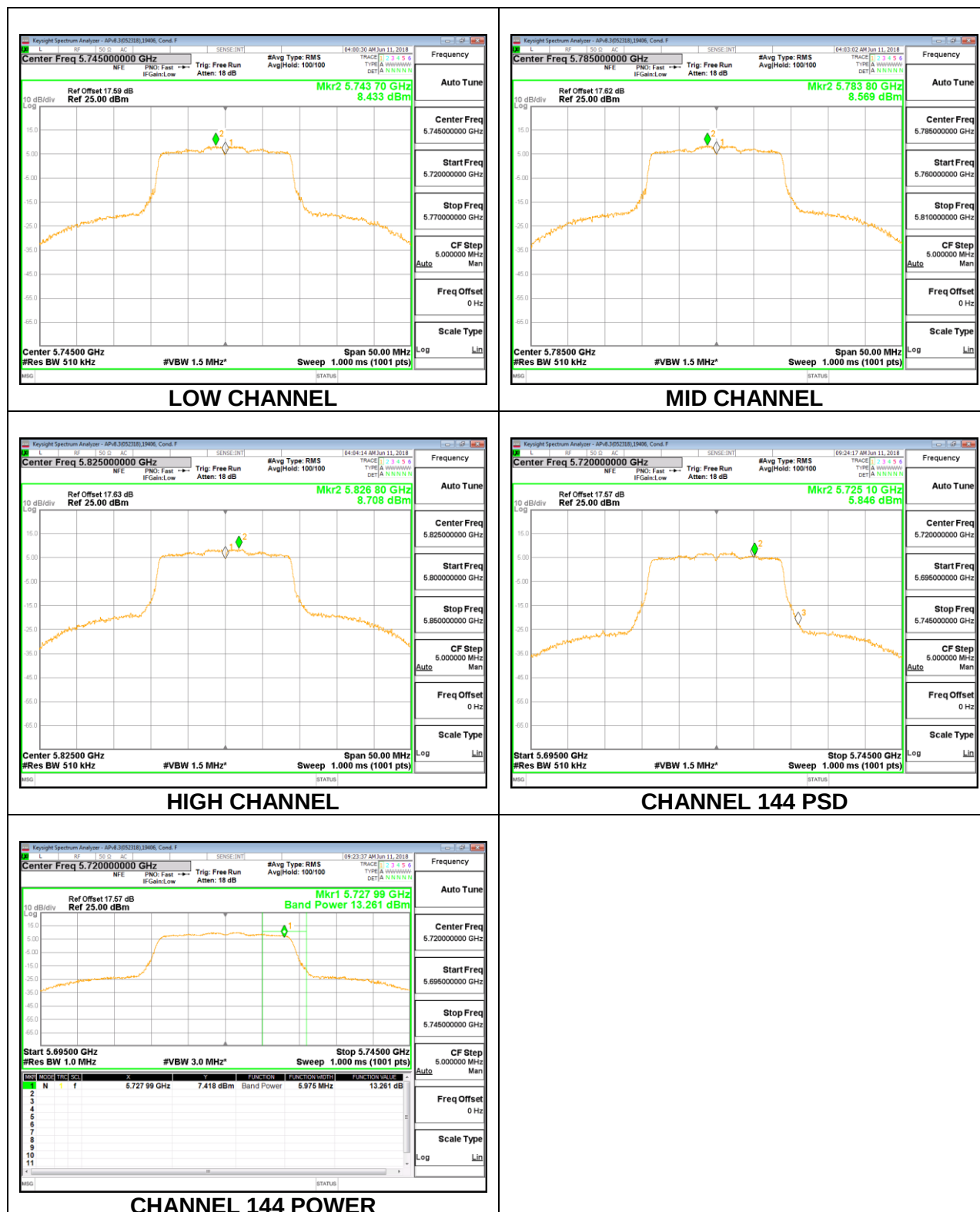
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power (CH 144) & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.330	21.330	30.00	-8.67
Mid	5785	21.410	21.410	30.00	-8.59
High	5825	21.450	21.450	30.00	-8.55
144	5720	13.261	13.261	30.00	-16.74

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	8.43	8.43	30.00	-21.57
Mid	5785	8.57	8.57	30.00	-21.43
High	5825	8.71	8.71	30.00	-21.29
144	5720	5.85	5.85	30.00	-24.15



2TX Antenna 4 + Antenna 5 CDD MODE

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5745	-4.26	-1.27	30.00	30.00
Mid	5785	-4.26	-1.27	30.00	30.00
High	5825	-4.26	-1.27	30.00	30.00
144	5720	-4.26	-1.27	30.00	30.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power (CH 144) & PSD
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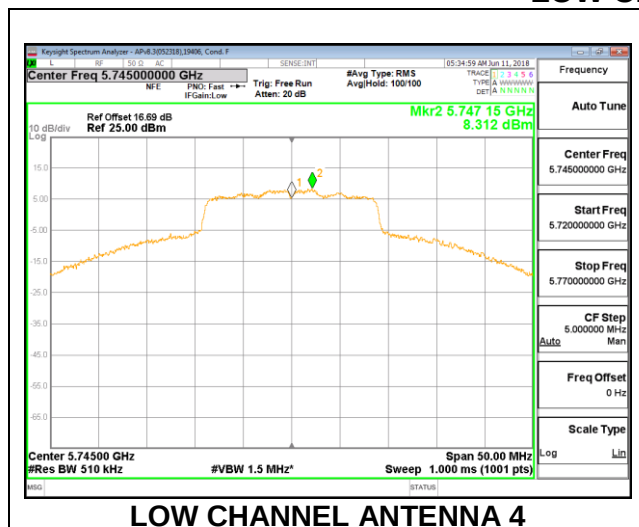
Output Power Results

Channel	Frequency (MHz)	Antenna 4 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.33	21.42	24.39	30.00	-5.61
Mid	5785	21.40	21.42	24.42	30.00	-5.58
High	5825	21.39	21.49	24.45	30.00	-5.55
144	5720	10.23	10.50	13.38	30.00	-16.62

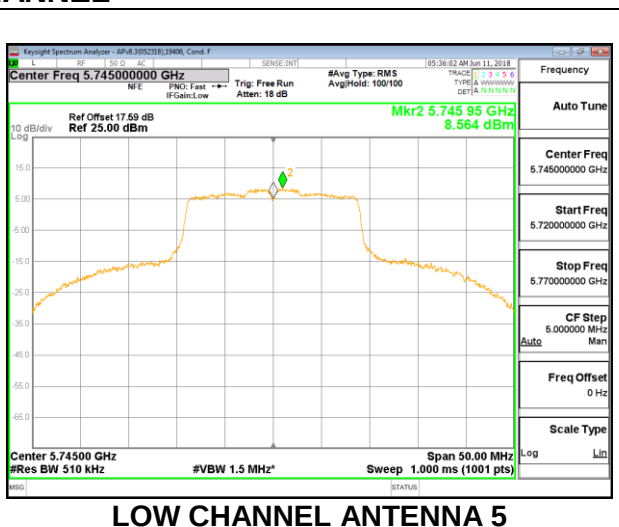
PSD Results

Channel	Frequency (MHz)	Antenna 4 Meas PSD (dBm/ 1MHz)	Antenna 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	8.31	8.56	11.45	30.00	-18.55
Mid	5785	8.45	8.49	11.48	30.00	-18.52
High	5825	8.47	8.67	11.58	30.00	-18.42
144	5720	3.02	3.03	6.04	30.00	-23.96

LOW CHANNEL

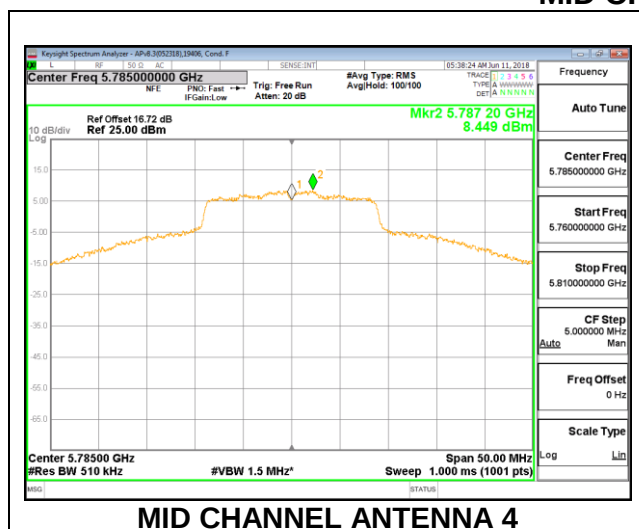


LOW CHANNEL ANTENNA 4

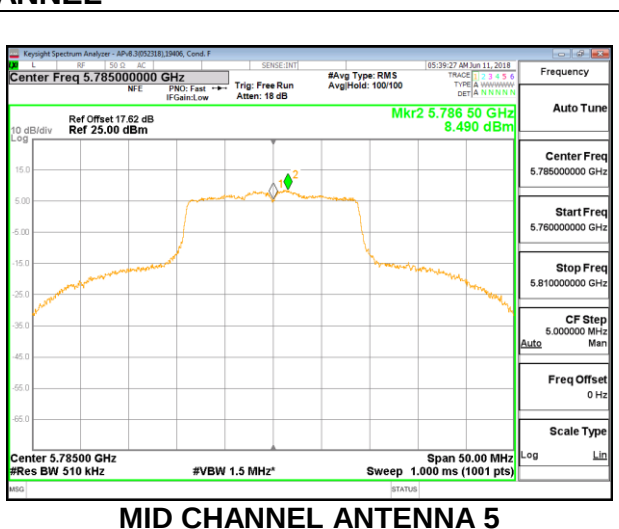


LOW CHANNEL ANTENNA 5

MID CHANNEL

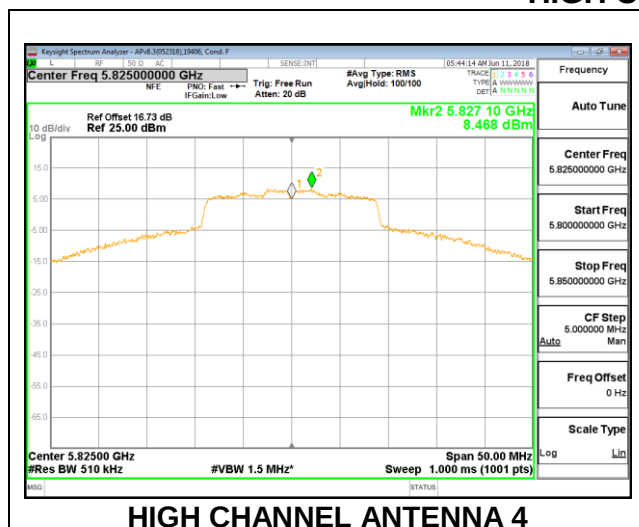


MID CHANNEL ANTENNA 4

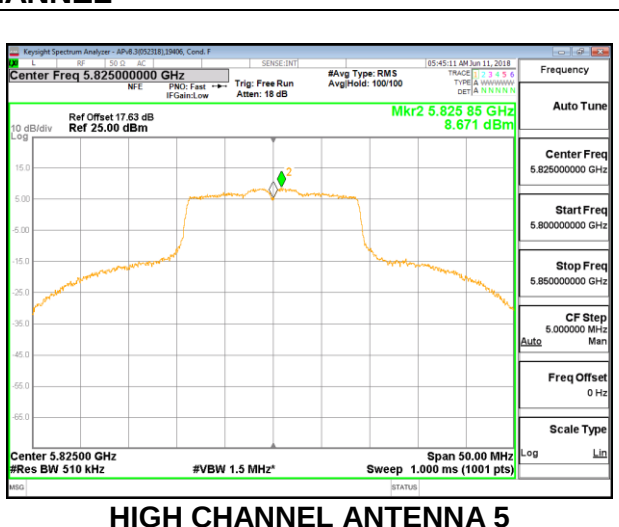


MID CHANNEL ANTENNA 5

HIGH CHANNEL

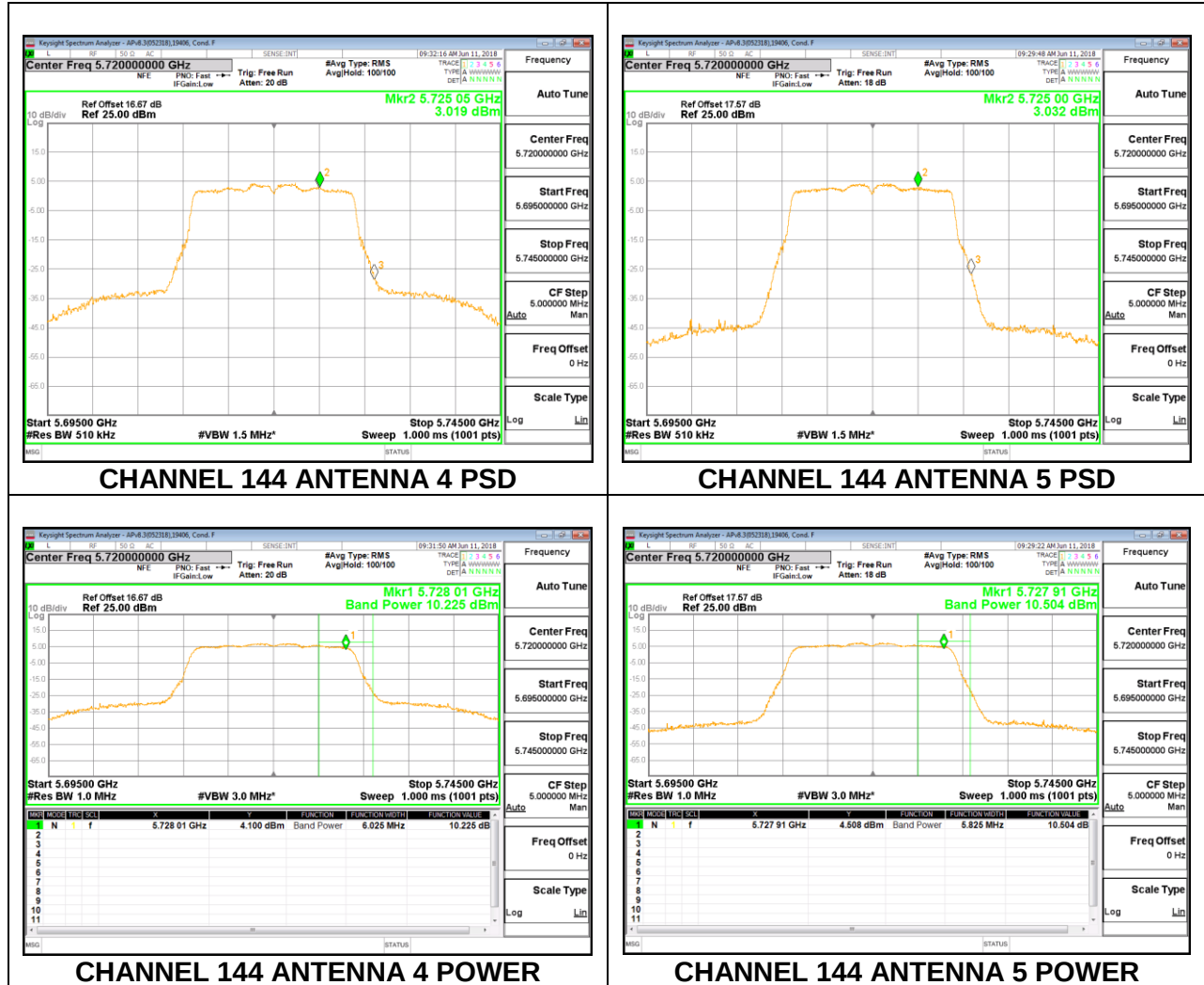


HIGH CHANNEL ANTENNA 4



HIGH CHANNEL ANTENNA 5

CHANNEL 144



8.5.11. 802.11n HT40 MODE IN THE 5.8 GHz BAND

1TX Antenna 4 MODE

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5755	-3.70	30.00	30.00
High	5795	-3.70	30.00	30.00
142	5710	-3.70	30.00	30.00

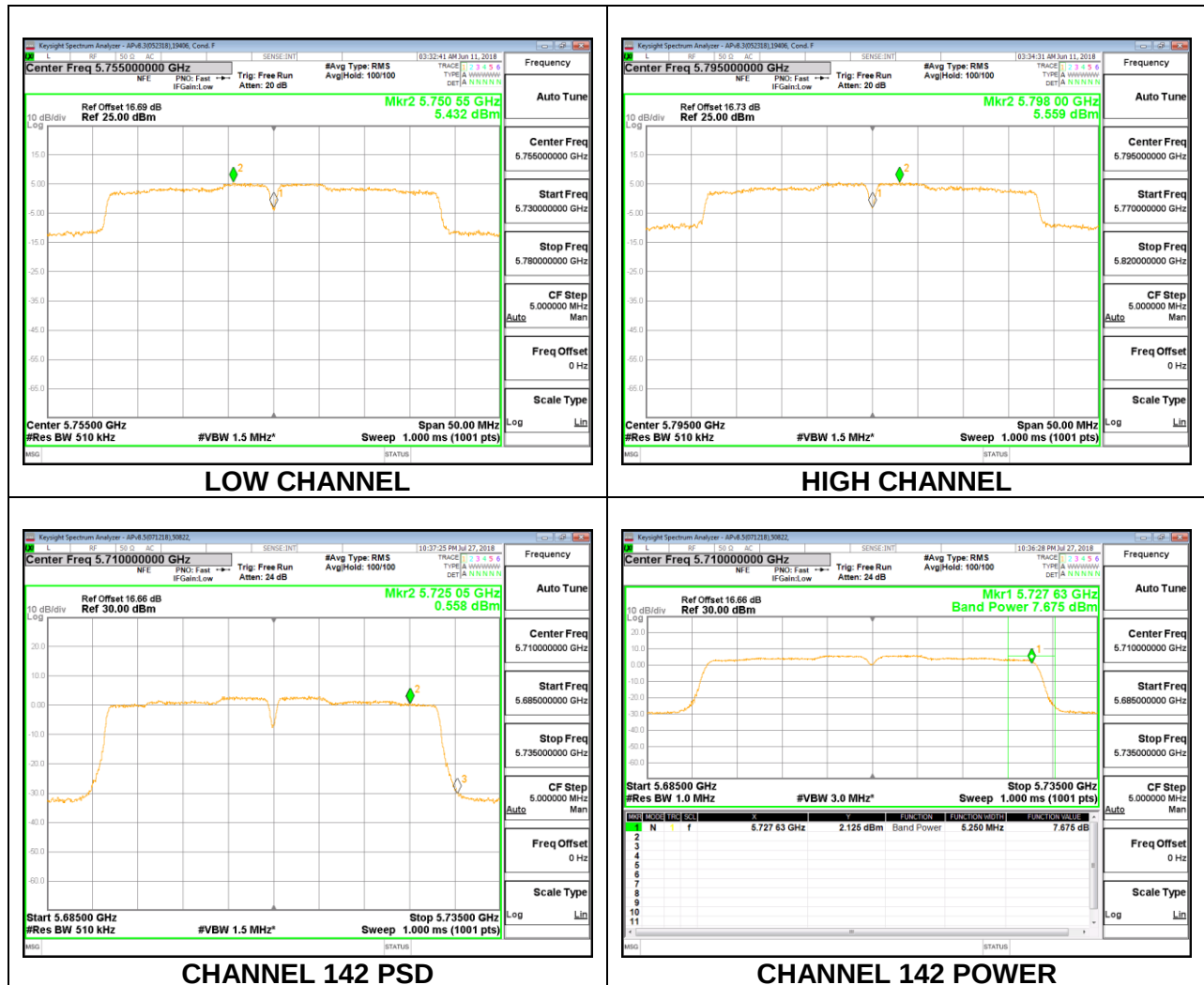
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power (CH 142) & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	19.31	19.31	30.00	-10.69
High	5795	19.43	19.43	30.00	-10.57
142	5710	7.675	7.675	30.00	-22.33

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	5.43	5.43	30.00	-24.57
High	5795	5.56	5.56	30.00	-24.44
142	5710	0.56	0.56	30.00	-29.44



1TX Antenna 5 MODE

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5755	-4.90	30.00	30.00
High	5795	-4.90	30.00	30.00
142	5710	-4.90	30.00	30.00

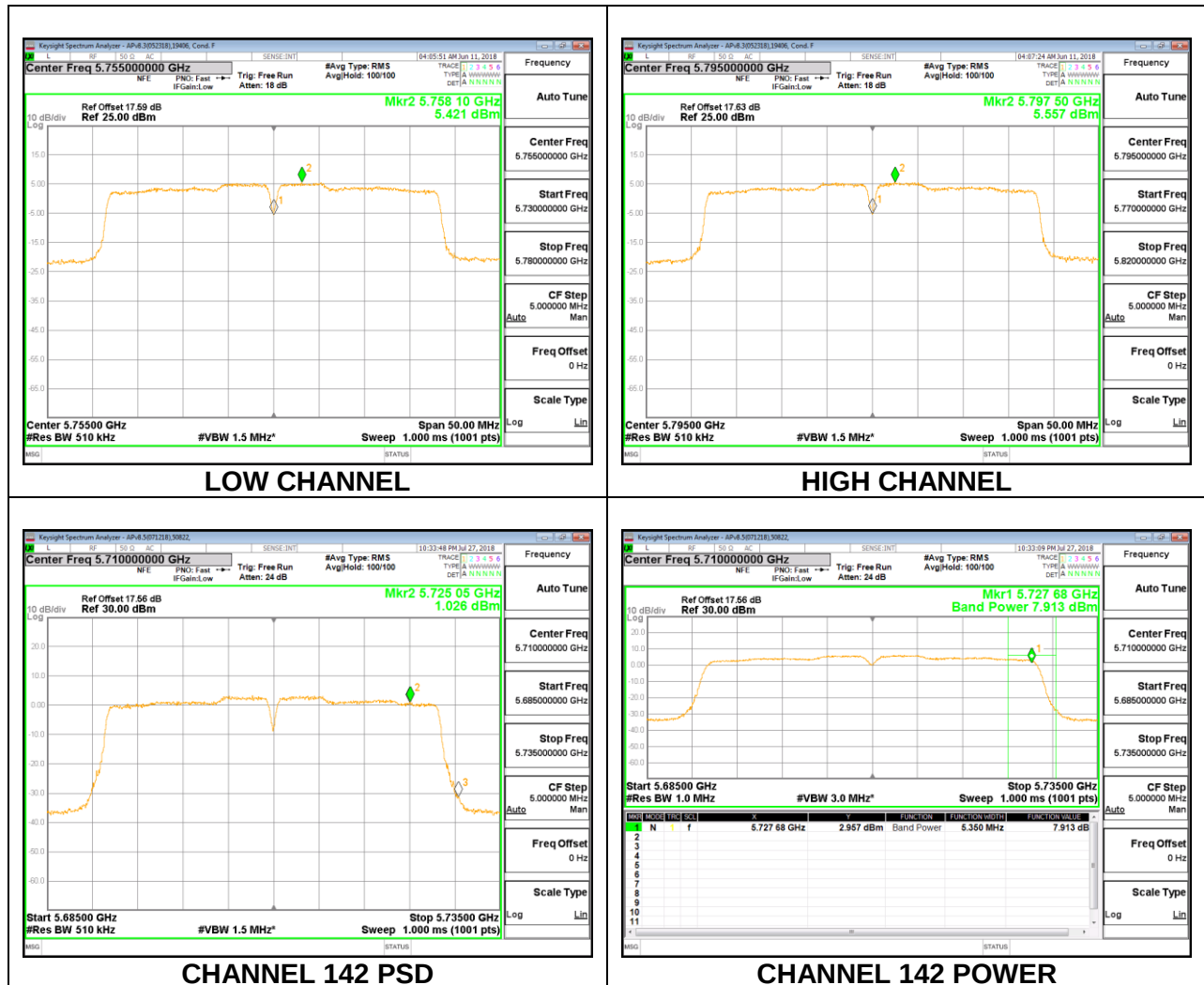
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power (CH 142) & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	19.37	19.37	30.00	-10.63
High	5795	19.33	19.33	30.00	-10.67
142	5710	7.91	7.91	30.00	-22.09

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	5.42	5.42	30.00	-24.58
High	5795	5.56	5.56	30.00	-24.44
142	5710	1.03	1.03	30.00	-28.97



2TX Antenna 4 + Antenna 5 CDD MODE

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5755	-4.26	-1.27	30.00	30.00
High	5795	-4.26	-1.27	30.00	30.00
142	5710	-4.26	-1.27	30.00	30.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power (CH 142) & PSD
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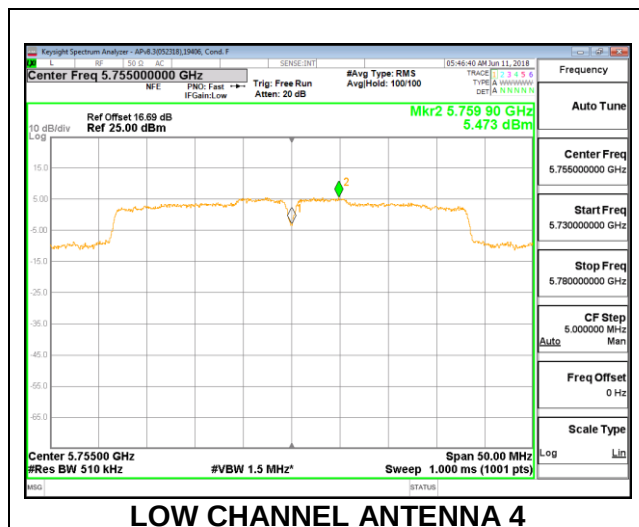
Output Power Results

Channel	Frequency (MHz)	ANT 4 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	19.36	19.38	22.38	30.00	-7.62
High	5795	19.40	19.43	22.43	30.00	-7.57
142	5710	7.86	7.92	10.90	30.00	-19.10

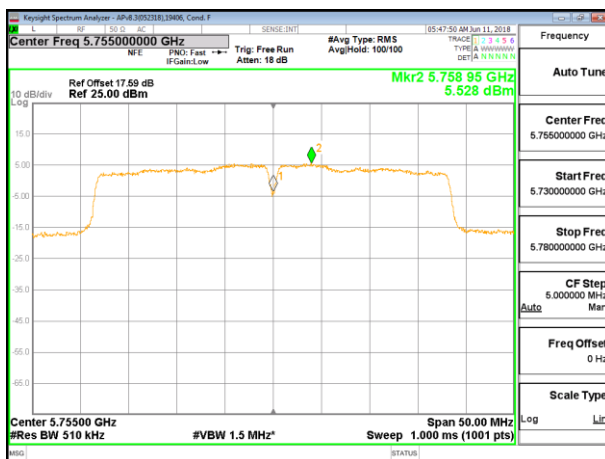
PSD Results

Channel	Frequency (MHz)	ANT 4 Meas PSD (dBm/ 1MHz)	ANT 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	5.47	5.53	8.51	30.00	-21.49
High	5795	5.61	5.95	8.79	30.00	-21.21
142	5710	0.88	0.87	3.88	30.00	-26.12

LOW CHANNEL

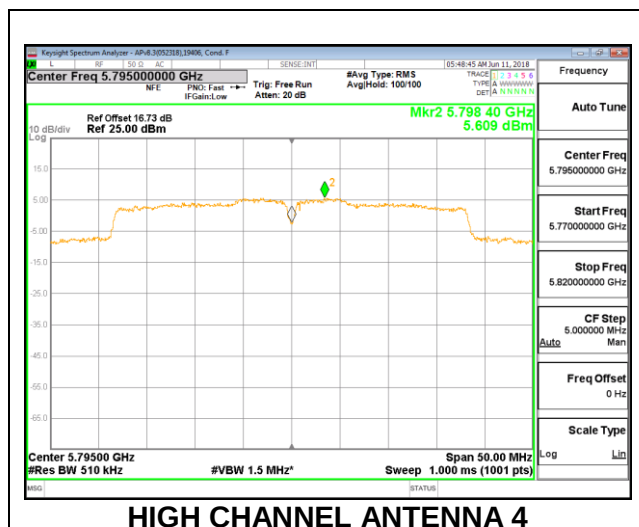


LOW CHANNEL ANTENNA 4

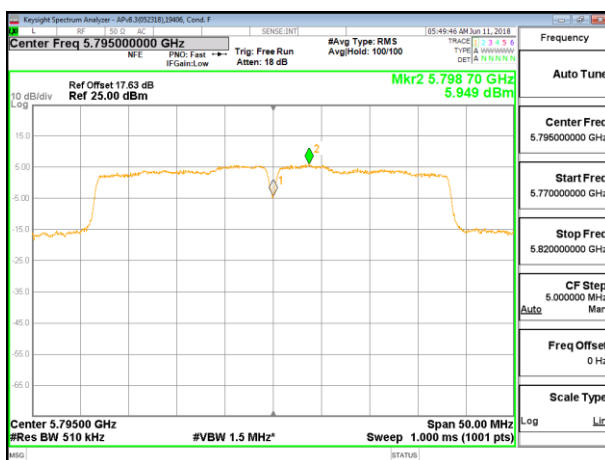


LOW CHANNEL ANTENNA 5

HIGH CHANNEL

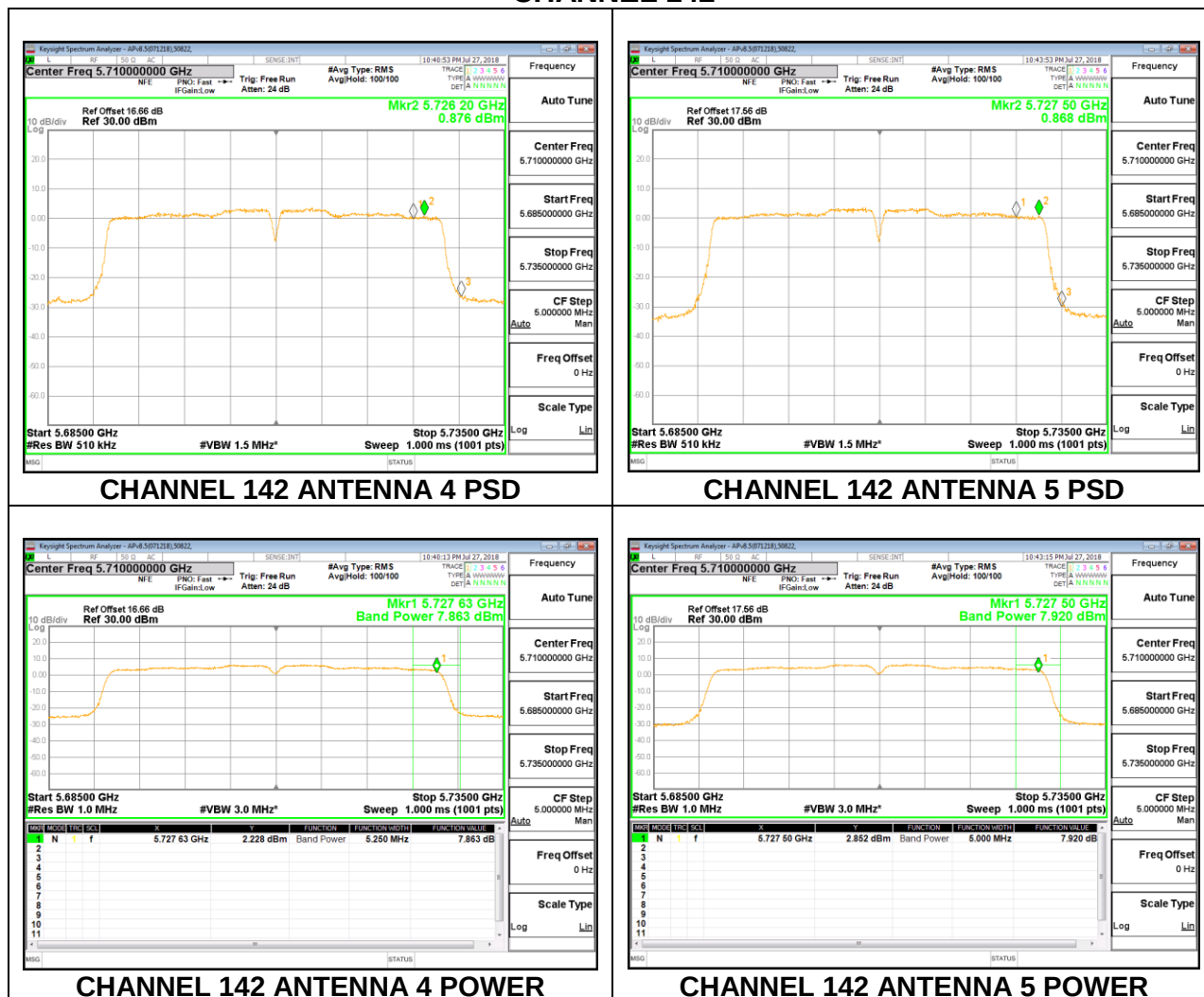


HIGH CHANNEL ANTENNA 4



HIGH CHANNEL ANTENNA 5

CHANNEL 142



8.5.12. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

1TX Antenna 4 MODE

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5775	-3.70	30.00	30.00
138	5690	-3.70	30.00	30.00

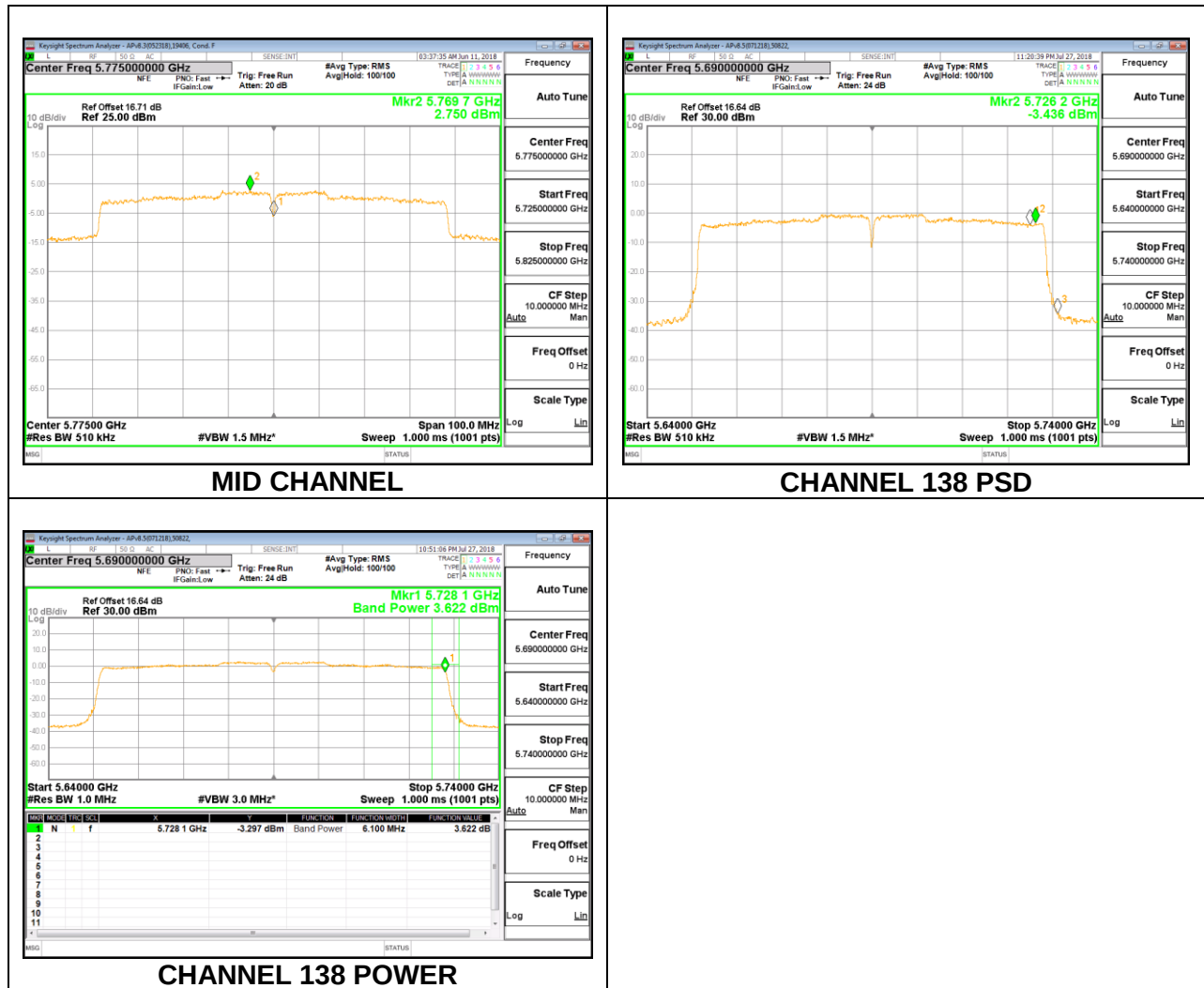
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd Power (CH 138) & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	19.48	19.48	30.00	-10.52
138	5690	3.62	3.82	30.00	-26.18

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5775	2.75	2.95	30.00	-27.05
138	5690	-3.44	-3.24	30.00	-33.24



1TX Antenna 5 MODE

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5775	-4.90	30.00	30.00
138	5690	-4.90	30.00	30.00

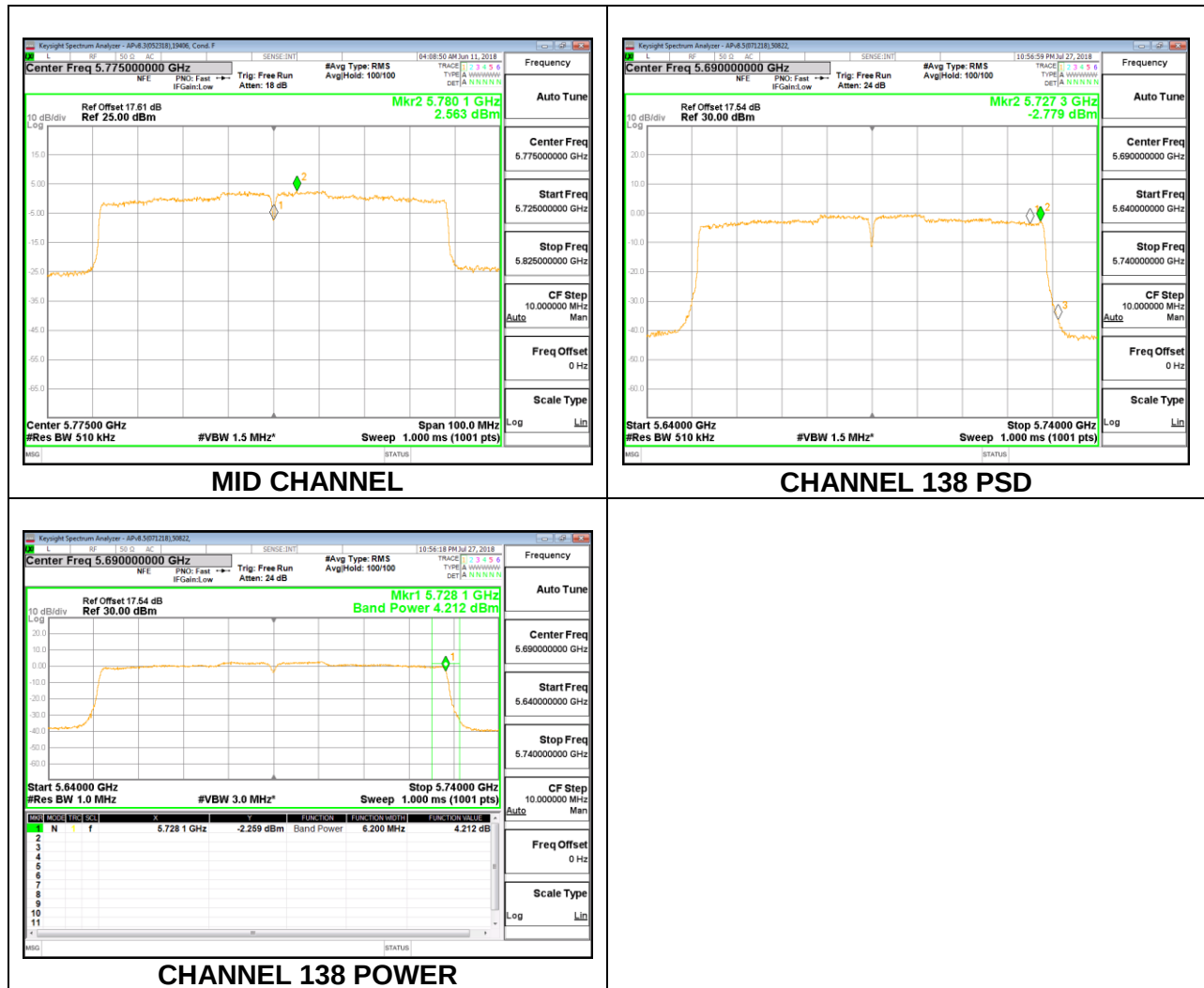
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd Power (CH 138) & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	19.34	19.34	30.00	-10.66
138	5690	4.21	4.41	30.00	-25.59

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5775	2.56	2.76	30.00	-27.24
138	5690	-2.78	-2.58	30.00	-32.58



2TX Antenna 4 + Antenna 5 CDD MODE

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5755	-4.26	-1.27	30.00	30.00
138	5690	-4.26	-1.27	30.00	30.00

Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd Power (CH 138) & PSD
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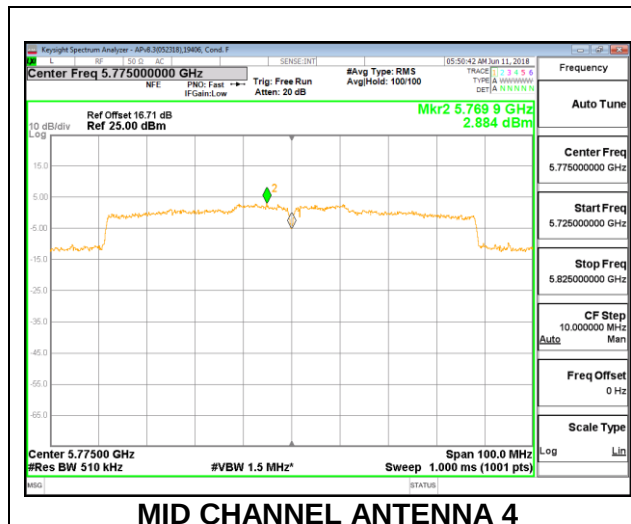
Output Power Results

Channel	Frequency (MHz)	ANT 4 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	19.39	19.31	22.36	30.00	-7.64
138	5690	4.09	4.32	7.41	30.00	-22.59

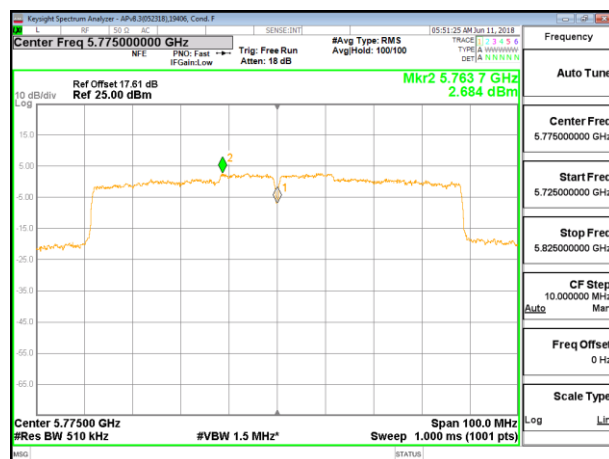
PSD Results

Channel	Frequency (MHz)	ANT 4 Meas PSD (dBm/ 1MHz)	ANT 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5755	2.88	2.68	6.00	30.00	-24.00
138	5690	-3.03	-2.93	0.23	30.00	-29.77

MID CHANNEL

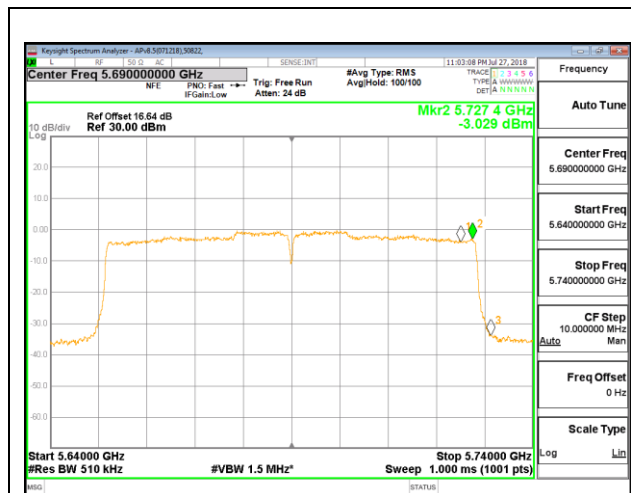


MID CHANNEL ANTENNA 4

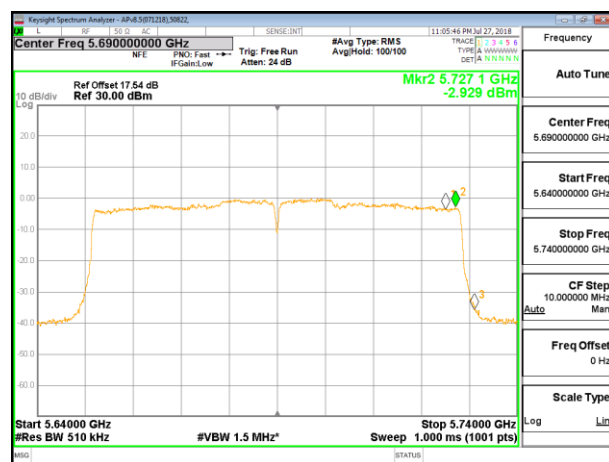


MID CHANNEL ANTENNA 5

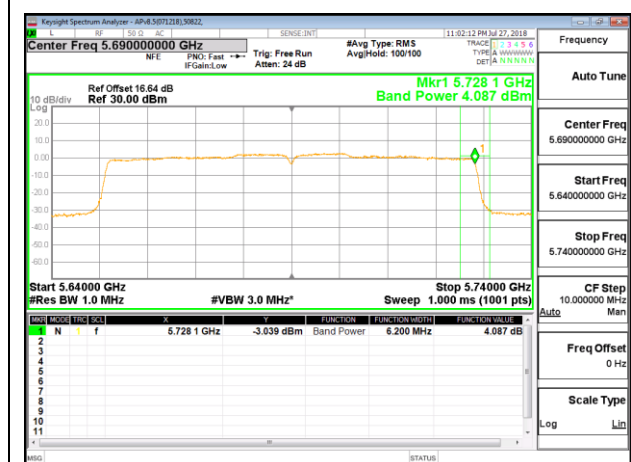
CHANNEL 138



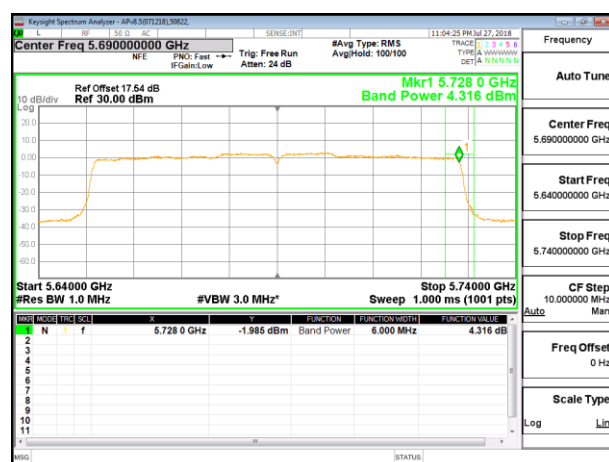
CHANNEL 138 ANTENNA 4 PSD



CHANNEL 138 ANTENNA 5 PSD



CHANNEL 138 ANTENNA 4



CHANNEL 138 ANTENNA 5

9. RADIATED TEST RESULTS

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
0.009-0.490	2400/F(kHz) @ 300 m	-
0.490-1.705	24000/F(kHz) @ 30 m	-
1.705 - 30	30 @ 30m	-
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

TEST PROCEDURE

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

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

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

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

The spectrum from 30 MHz to 1GHz and 18GHz to 40 GHz is investigated with the transmitter set to transmit at the channel with highest output power as worst-case scenario. 1GHz to 18GHz was set to the lowest, middle, and highest channels in the 5 GHz bands.

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.

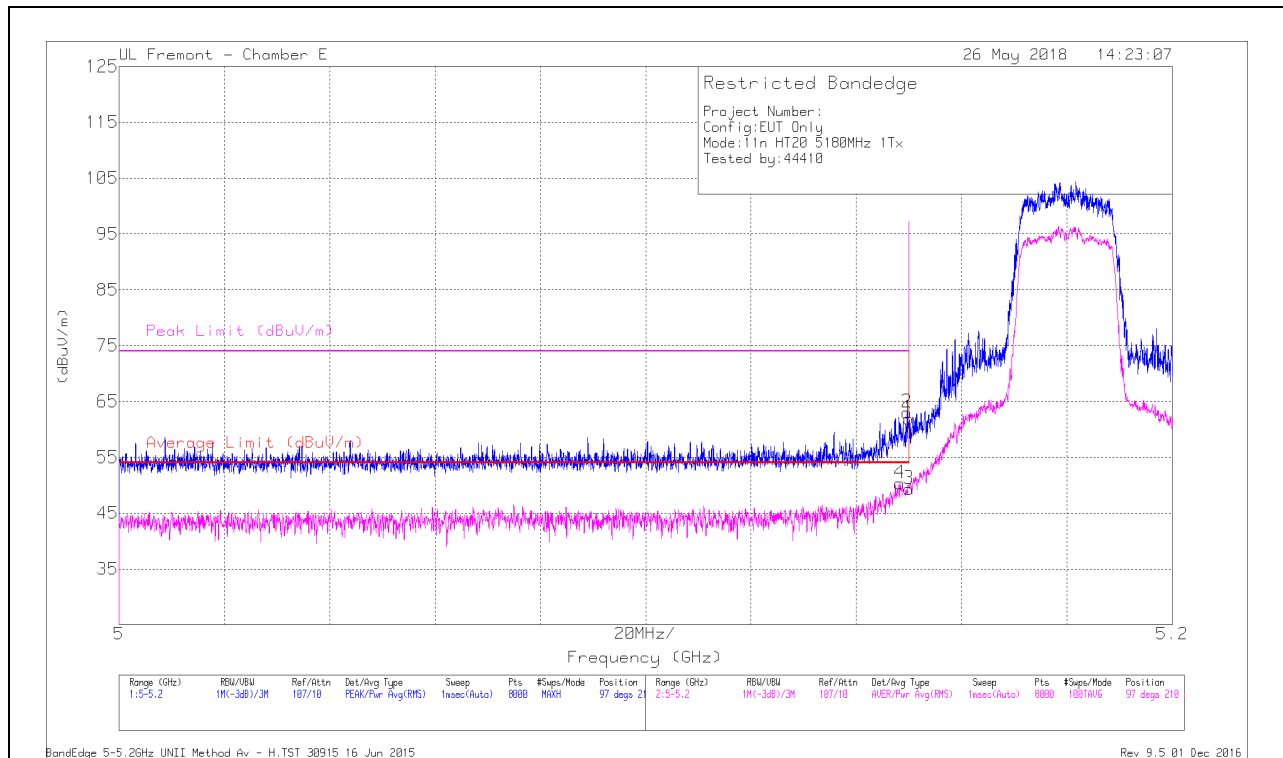
9.1. TRANSMITTER ABOVE 1 GHz

9.1.1. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.2 GHz BAND

1TX Antenna 4 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



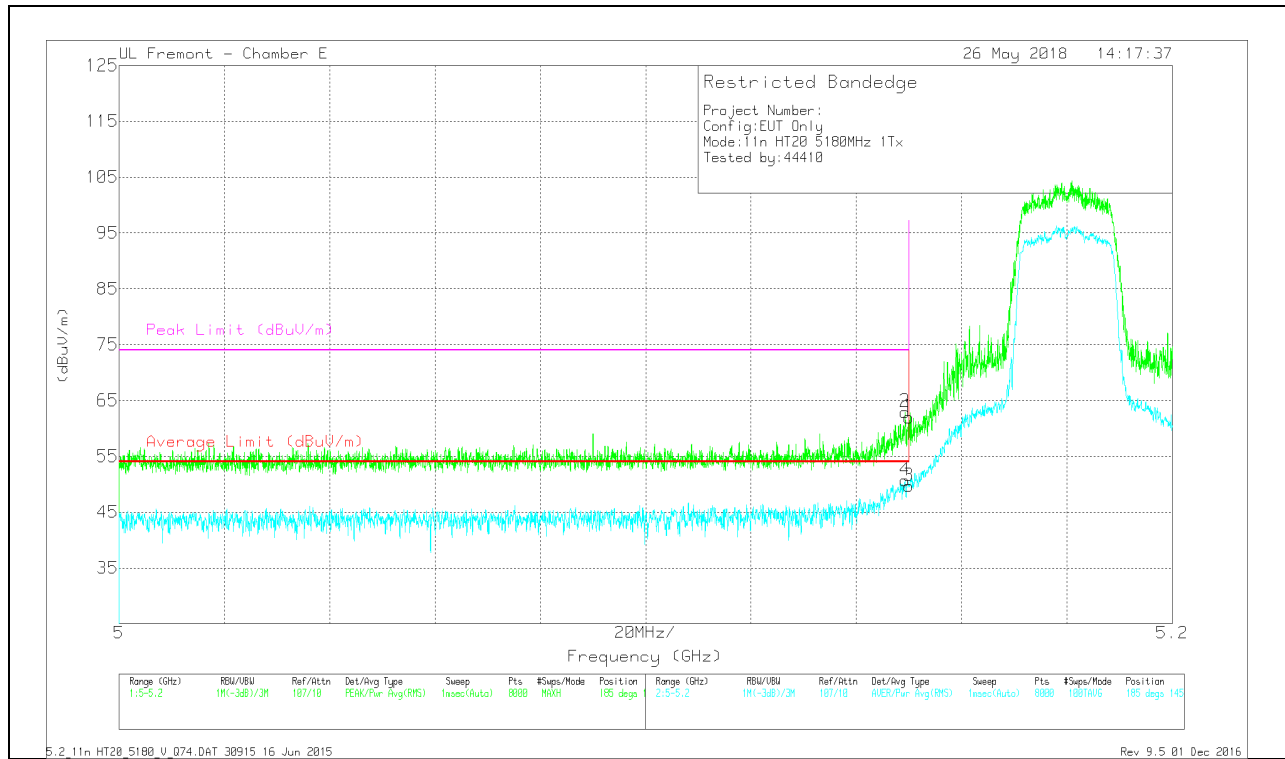
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	46.94	Pk	34.8	-19.8	61.94	-	-	74	-12.06	97	210	H
2	* 5.15	48.06	Pk	34.8	-19.8	63.06	-	-	74	-10.94	97	210	H
3	* 5.15	34.37	RMS	34.8	-19.8	49.37	54	-4.63	-	-	97	210	H
4	* 5.148	35.37	RMS	34.8	-19.8	50.37	54	-3.63	-	-	97	210	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dBm)	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	* 5.149	47.94	Pk	34.8	-19.8	62.94	-	-	74	-11.06	185	145	V
4	* 5.149	35.7	RMS	34.8	-19.8	50.7	54	-3.3	-	-	185	145	V
1	* 5.15	47.01	Pk	34.8	-19.8	62.01	-	-	74	-11.99	185	145	V
3	* 5.15	34.72	RMS	34.8	-19.8	49.72	54	-4.28	-	-	185	145	V

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

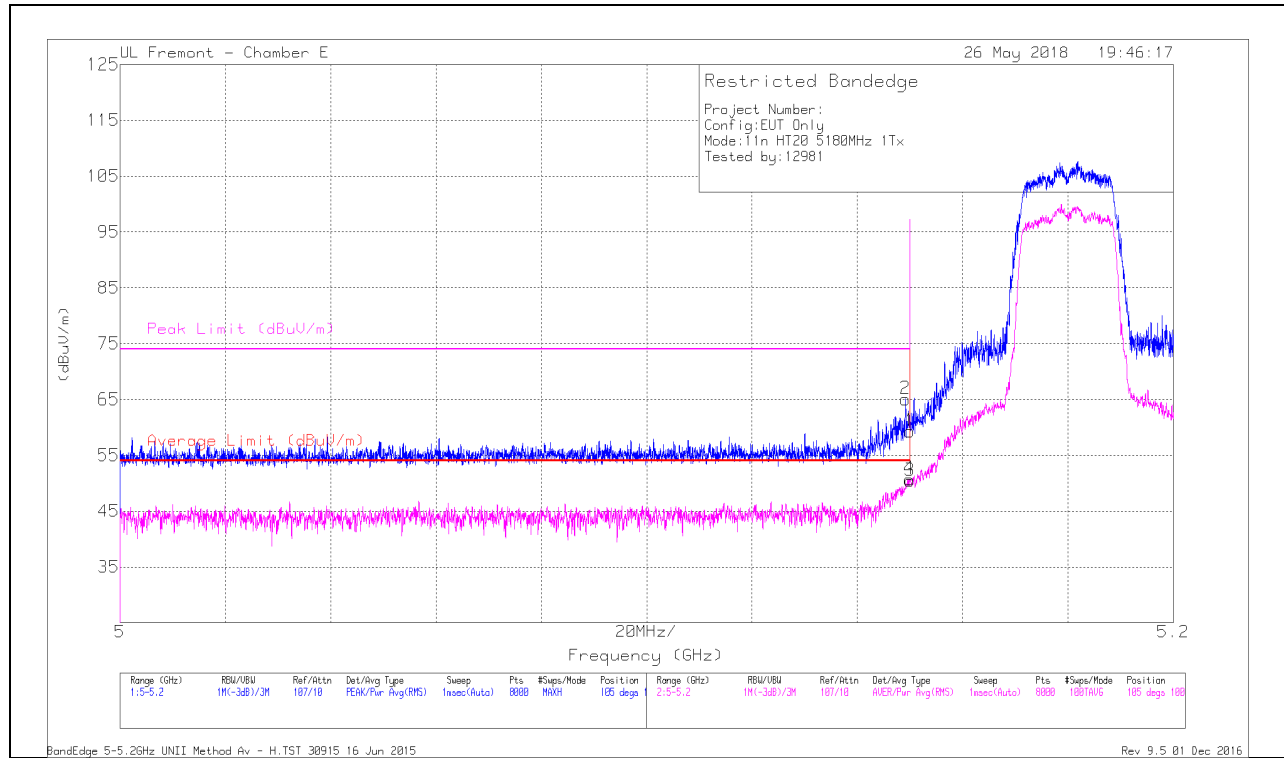
Pk - Peak detector

RMS - RMS detection

1TX Antenna 5 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



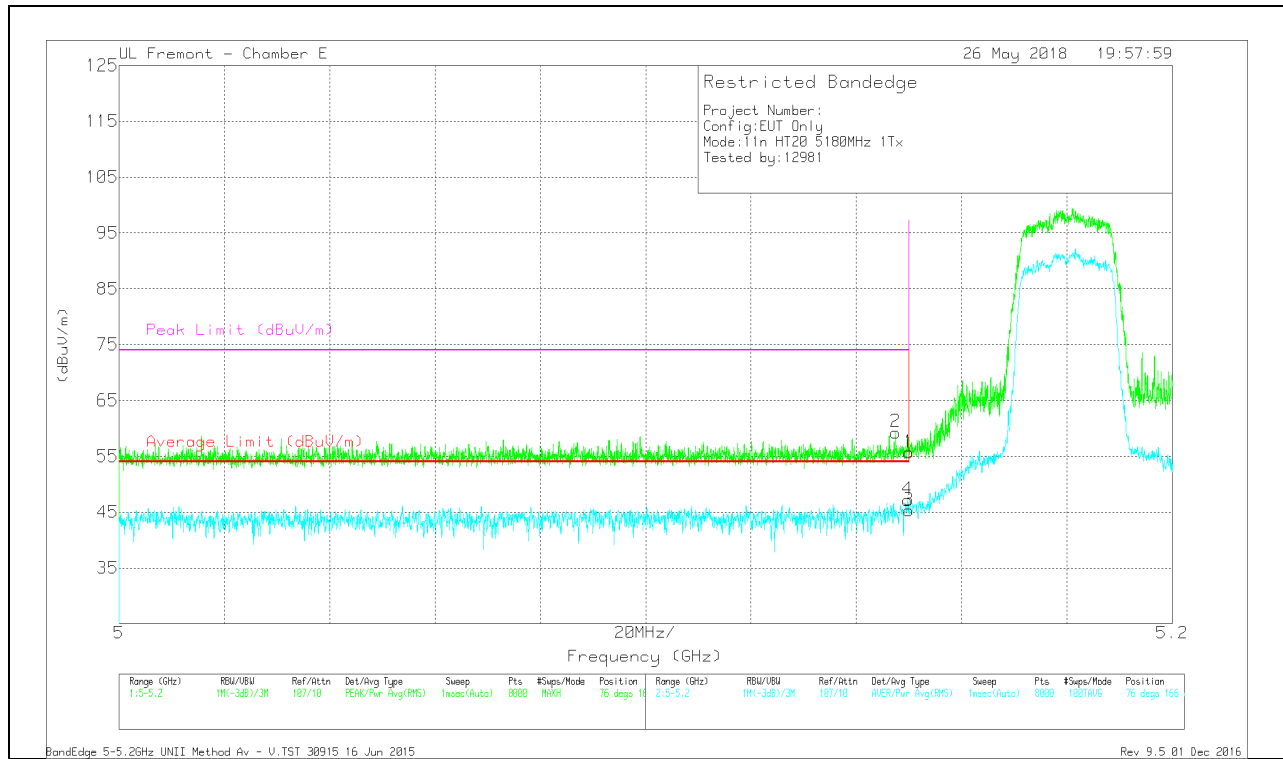
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.149	50.06	Pk	34.8	-19.8	65.06	-	-	74	-8.94	105	100	H
1	* 5.15	44.32	Pk	34.8	-19.8	59.32	-	-	74	-14.68	105	100	H
3	* 5.15	35.43	RMS	34.8	-19.8	50.43	54	-3.57	-	-	105	100	H
4	* 5.15	35.73	RMS	34.8	-19.8	50.73	54	-3.27	-	-	105	100	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

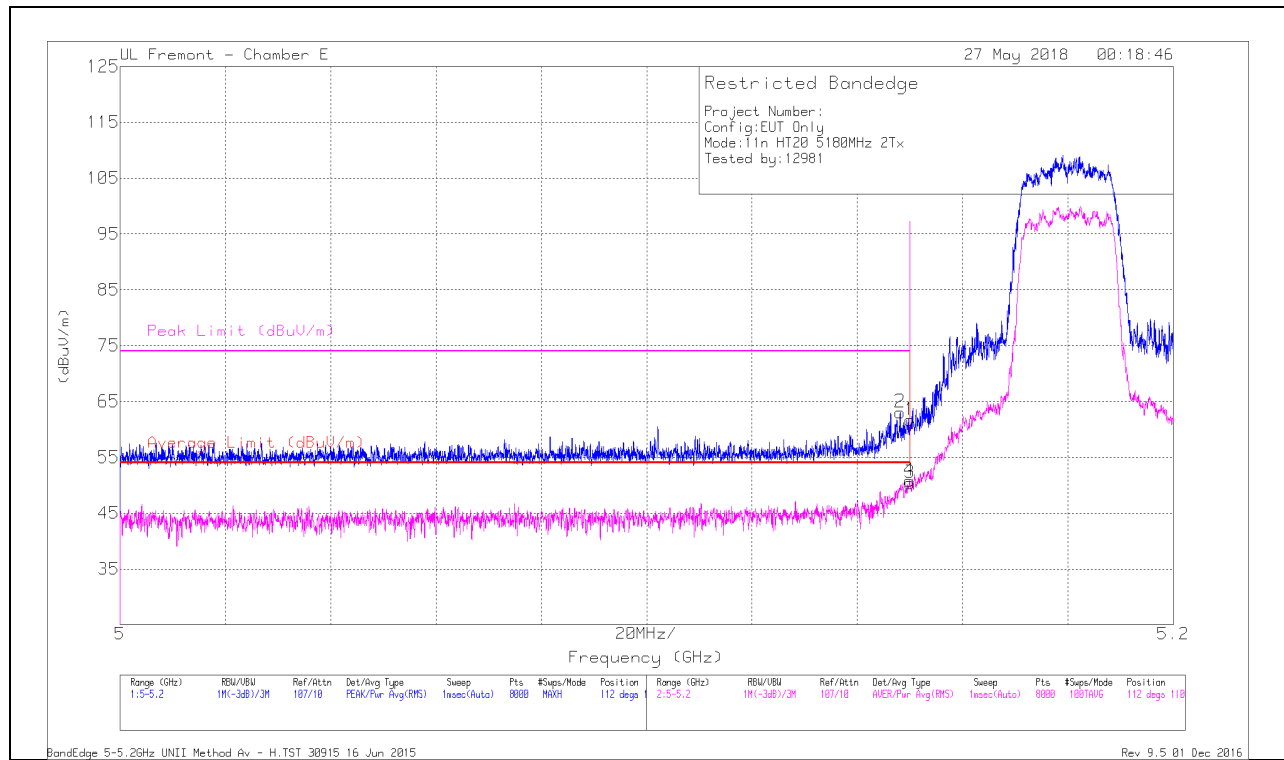


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.147	44.31	Pk	34.8	-19.8	59.31	-	-	74	-14.69	76	166	V
1	* 5.15	40.71	Pk	34.8	-19.8	55.71	-	-	74	-18.29	76	166	V
3	* 5.15	30.33	RMS	34.8	-19.8	45.33	54	-8.67	-	-	76	166	V
4	* 5.15	32.19	RMS	34.8	-19.8	47.19	54	-6.81	-	-	76	166	V

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

Pk - Peak detector

RMS - RMS detection

2TX Antenna 4 + Antenna 5 CDD MODE**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

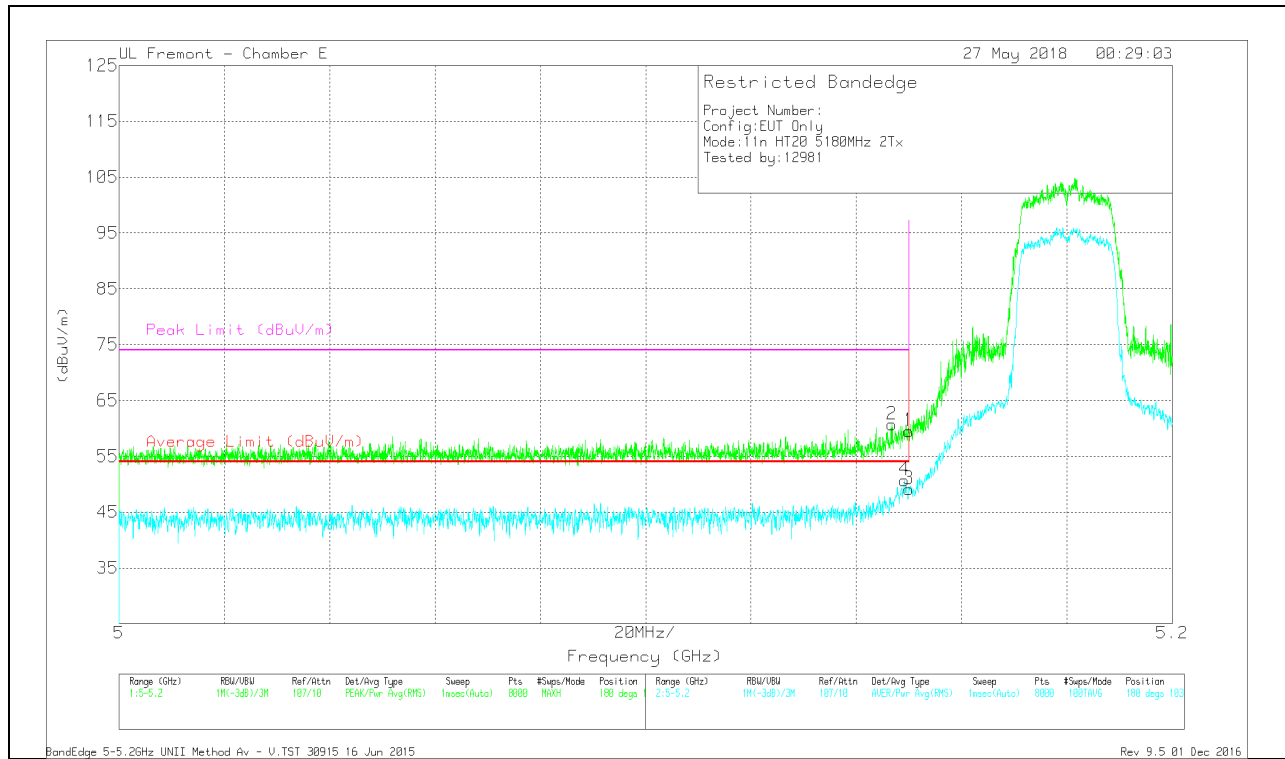
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.148	48.06	Pk	34.8	-19.8	63.06	-	-	74	-10.94	112	110	H
1	* 5.15	46.69	Pk	34.8	-19.8	61.69	-	-	74	-12.31	112	110	H
3	* 5.15	35.4	RMS	34.8	-19.8	50.4	54	-3.6	-	-	112	110	H
4	* 5.15	35.79	RMS	34.8	-19.8	50.79	54	-3.21	-	-	112	110	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dBm)	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	* 5.147	45.82	Pk	34.7	-19.8	60.72	-	-	74	-13.28	180	103	V
4	* 5.149	35.74	RMS	34.8	-19.8	50.74	54	-3.26	-	-	180	103	V
1	* 5.15	44.54	Pk	34.8	-19.8	59.54	-	-	74	-14.46	180	103	V
3	* 5.15	34.15	RMS	34.8	-19.8	49.15	54	-4.85	-	-	180	103	V

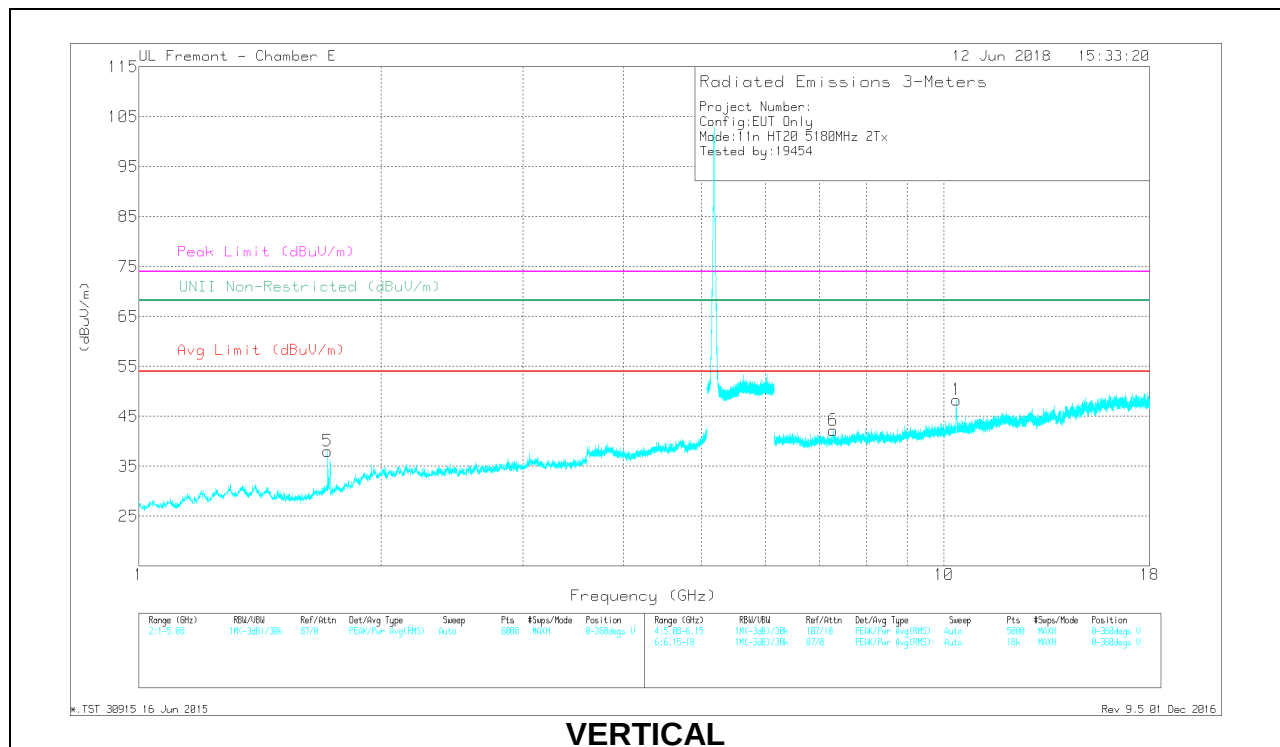
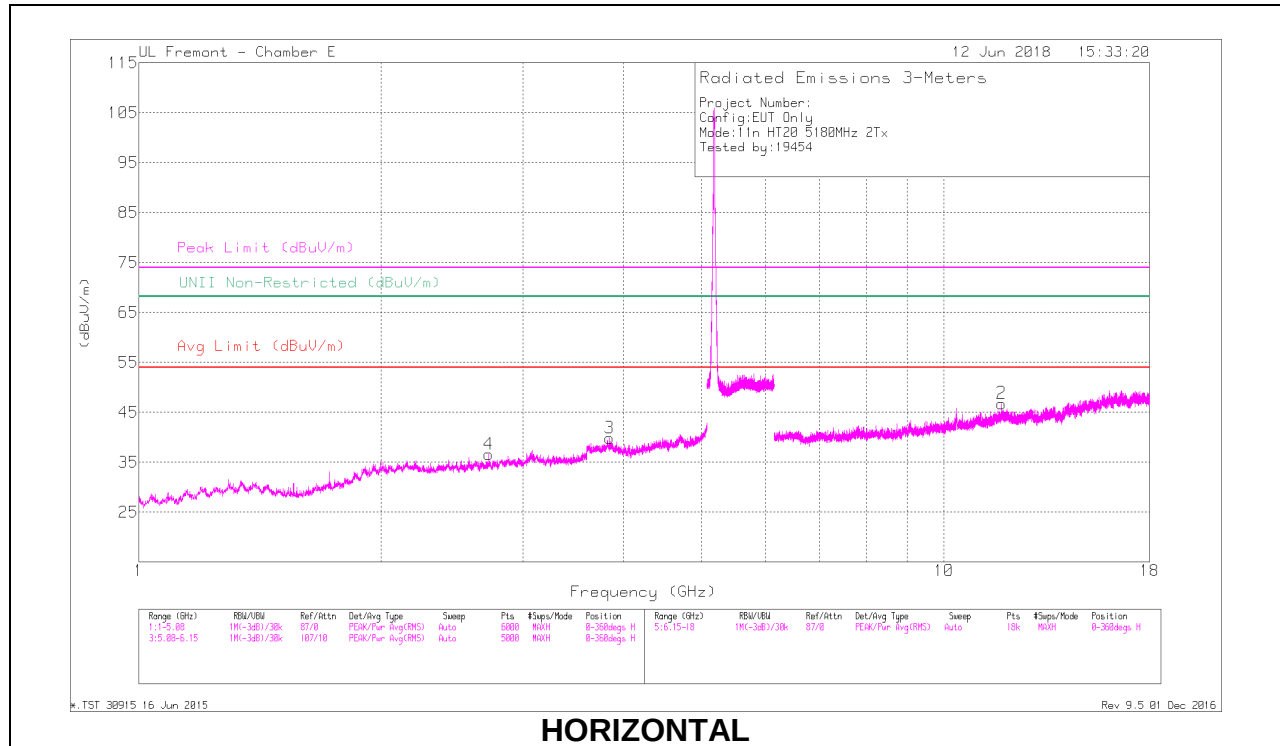
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

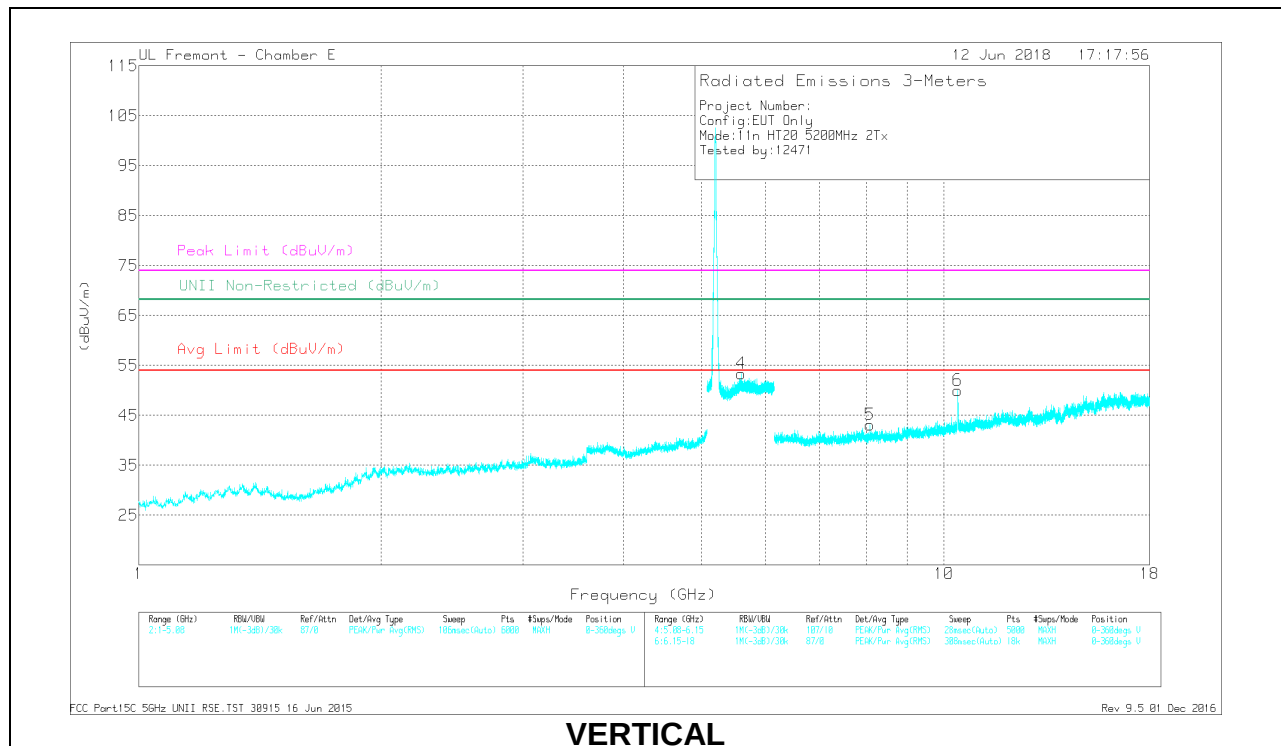
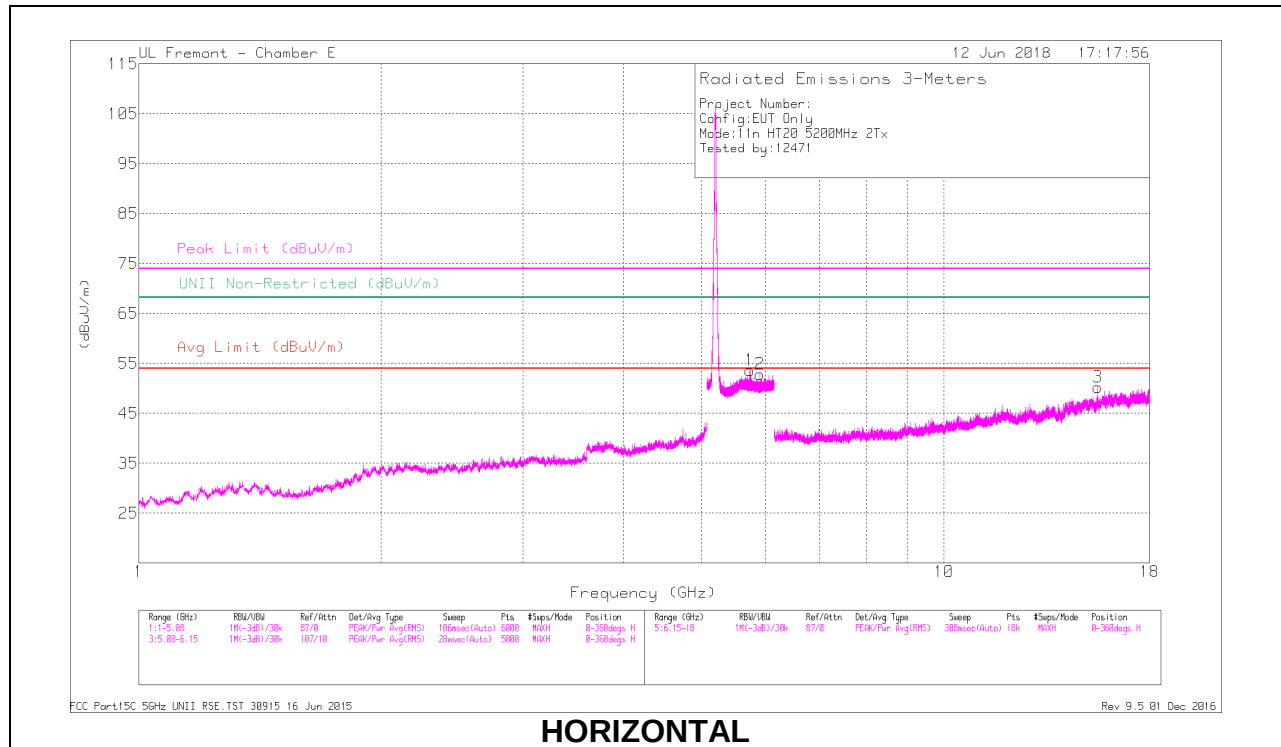
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dBm)	Amp/Cbl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unli Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 2.721	42.61	PK-U	32.5	-31.9	43.21	-	-	74	-30.79	-	-	160	309	H
	* 2.722	30.05	ADR	32.5	-31.9	30.65	54	-23.35	-	-	-	-	160	309	H
3	* 3.846	41.84	PK-U	33.7	-28.7	46.84	-	-	74	-27.16	-	-	352	203	H
	* 3.847	28.73	ADR	33.7	-28.7	33.73	54	-20.27	-	-	-	-	352	203	H
2	* 11.795	36.9	PK-U	39.5	-23.4	53	-	-	74	-21	-	-	181	107	H
	* 11.793	24.35	ADR	39.4	-23.4	40.35	54	-13.65	-	-	-	-	181	107	H
6	* 7.285	39.51	PK-U	36	-26	49.51	-	-	74	-24.49	-	-	127	124	V
	* 7.284	26.43	ADR	36	-26	36.43	54	-17.57	-	-	-	-	127	124	V
5	1.715	43.91	PK-U	28.5	-33.5	38.91	-	-	-	-	68.2	-29.29	26	287	V
1	10.359	43.44	PK-U	37.7	-23.3	57.84	-	-	-	-	68.2	-10.36	171	164	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



RADIATED EMISSIONS

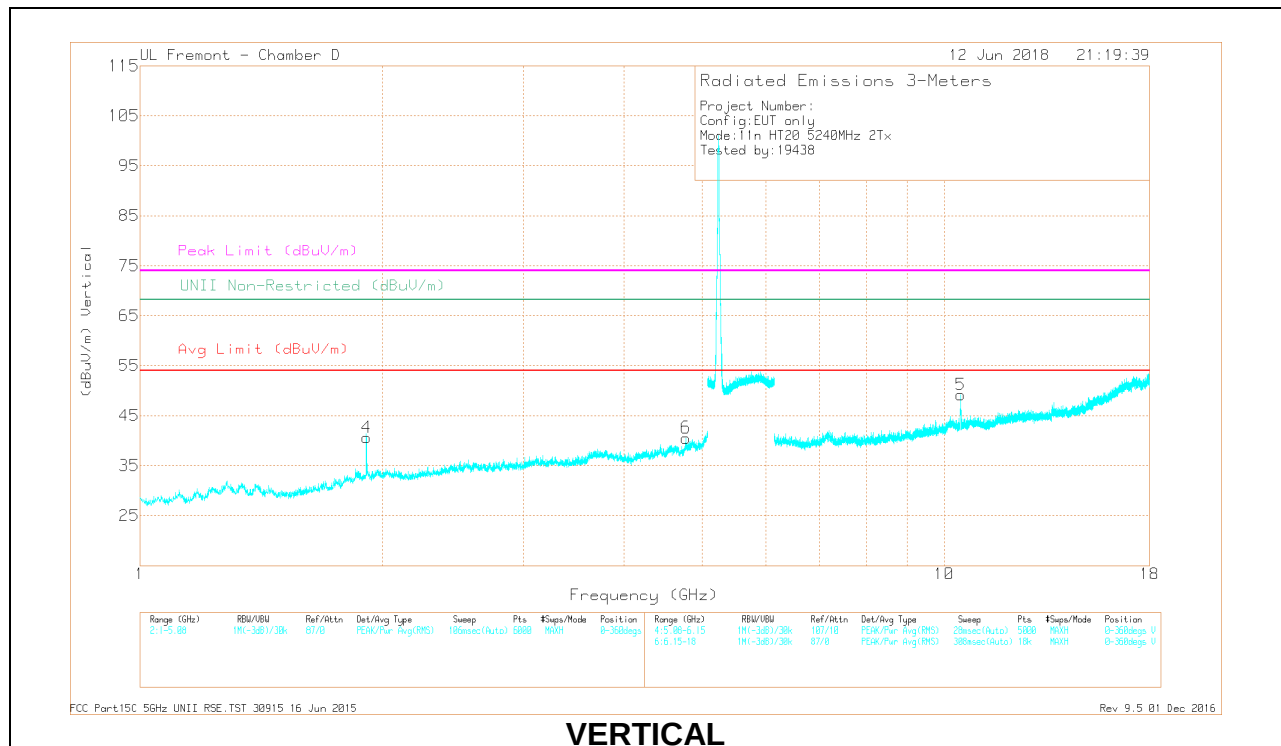
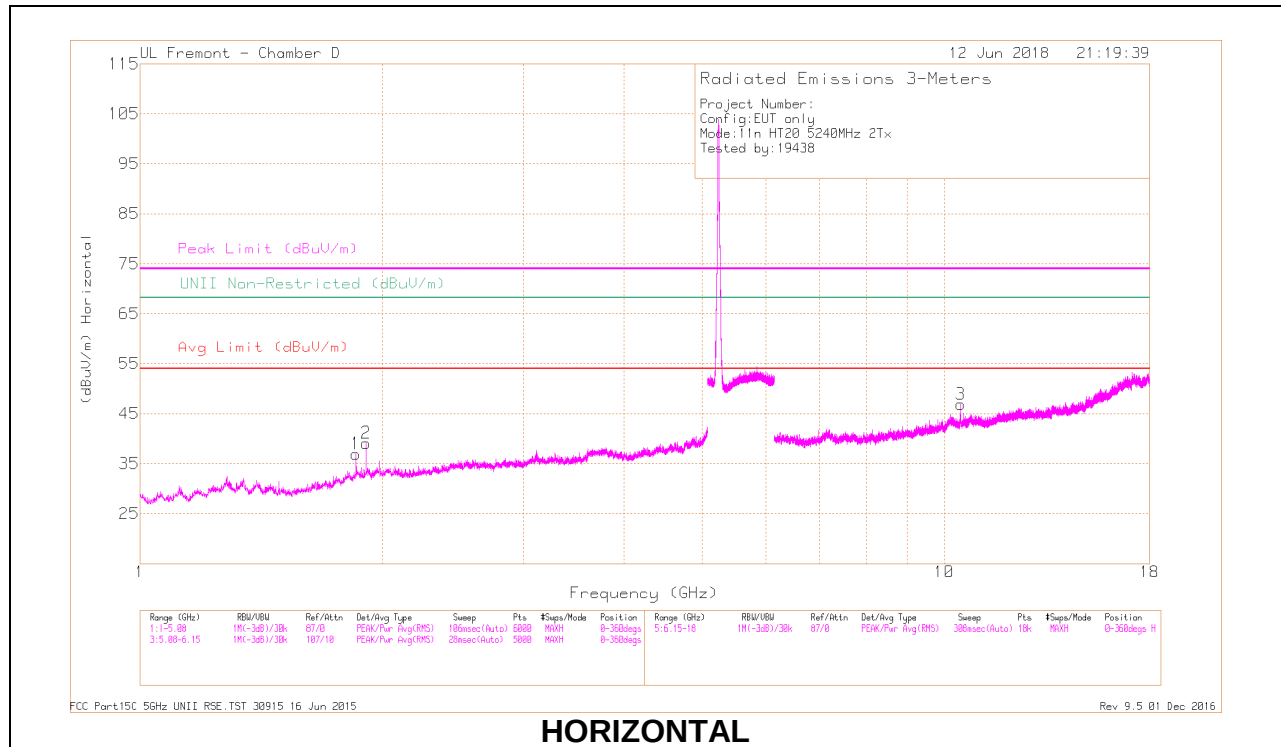
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dBm)	Amp/Cbl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unfil Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 15.512	36.35	PK-U	41	-21.8	55.55	-	-	74	-18.45	-	-	339	103	H
	* 15.51	23.73	ADR	41	-21.8	42.93	54	-11.07	-	-	-	-	339	103	H
5	* 8.097	38.56	PK-U	36.5	-26.1	48.96	-	-	74	-25.04	-	-	139	378	V
	* 8.096	26.03	ADR	36.5	-26.1	36.43	54	-17.57	-	-	-	-	139	378	V
4	5.604	44.56	PK-U	35	-19.5	60.06	-	-	-	-	68.2	-8.14	276	112	V
1	5.742	44.22	PK-U	35.2	-19.4	60.02	-	-	-	-	68.2	-8.18	0	296	H
2	5.906	44.13	PK-U	35.2	-19.7	59.63	-	-	-	-	68.2	-8.57	261	241	H
6	10.401	43.68	PK-U	37.7	-23.2	58.18	-	-	-	-	68.2	-10.02	356	139	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/CBIfiltr/Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 4.768	37.73	PK-U	34.5	-27	45.23	-	-	74	-28.77	-	-	145	105	V
	* 4.776	26.42	ADR	34.5	-27	33.92	54	-20.08	-	-	-	-	145	105	V
1	1.864	40.74	PK-U	31.3	-31.1	40.94	-	-	-	-	68.2	-27.26	20	280	H
2	1.912	41.34	PK-U	31.5	-31	41.84	-	-	-	-	68.2	-26.36	238	330	V
4	1.919	40.28	PK-U	31.5	-30.8	40.96	-	-	-	-	68.2	-27.22	293	209	H
5	10.48	35.73	PK-U	37.5	-20.9	52.33	-	-	-	-	68.2	-15.67	285	204	H
3	10.488	39.46	PK-U	37.5	-20.9	56.06	-	-	-	-	68.2	-12.14	156	248	V

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

PK-U - U-NII: Maximum Peak

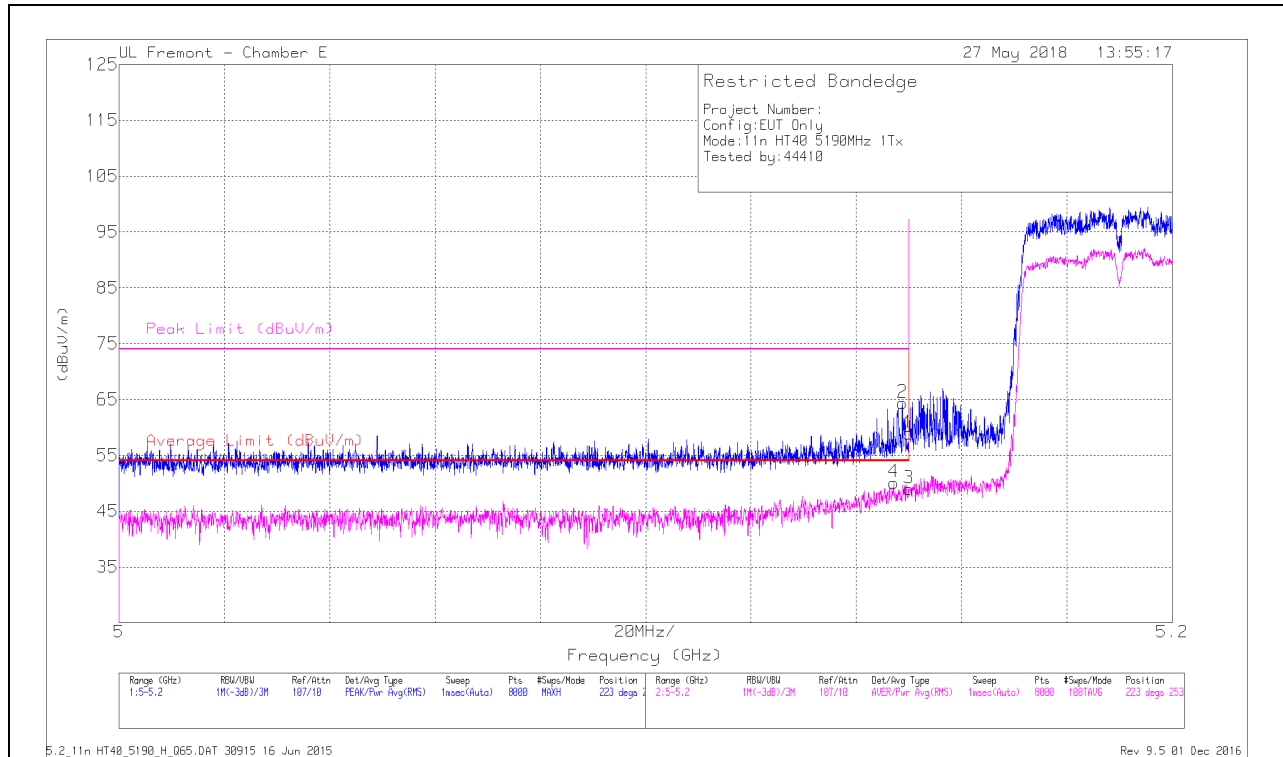
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 4 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



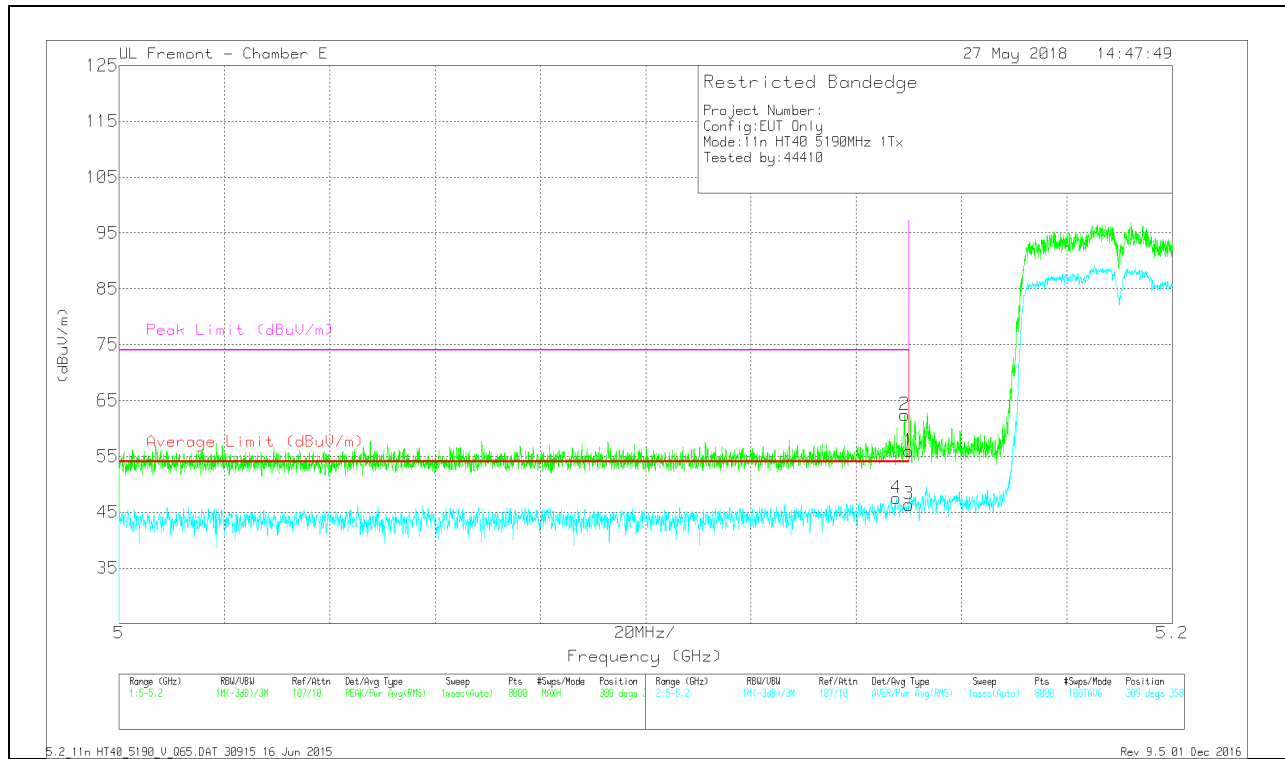
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dBm)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	43.96	Pk	34.8	-19.8	0	58.96	-	-	74	-15.04	223	253	H
2	* 5.149	49.4	Pk	34.8	-19.8	0	64.4	-	-	74	-9.6	223	253	H
3	* 5.15	34.04	RMS	34.8	-19.8	0	49.04	54	-4.96	-	-	223	253	H
4	* 5.147	35.24	RMS	34.7	-19.8	0	50.14	54	-3.86	-	-	223	253	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T346 (dBm)	Ampl/CollFtr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	40.94	PK	34.8	-19.8	0	55.94	-	-	74	-18.06	309	358	V
2	* 5.149	47.42	PK	34.8	-19.8	0	62.42	-	-	74	-11.58	309	358	V
3	* 5.15	31.38	RMS	34.8	-19.8	0	46.38	54	-7.62	-	-	309	358	V
4	* 5.148	32.5	RMS	34.8	-19.8	0	47.5	54	-6.5	-	-	309	358	V

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

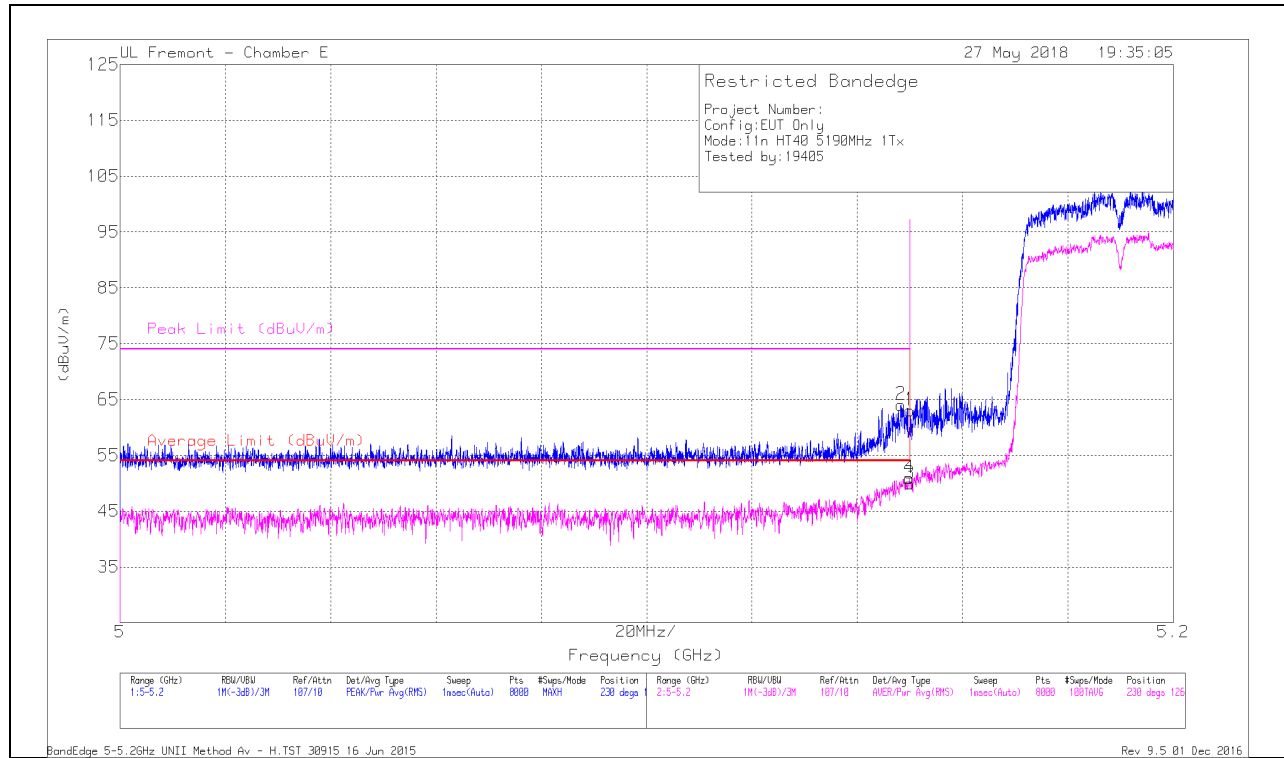
Pk - Peak detector

RMS - RMS detection

1TX Antenna 5 MODE

BANDEDGE (LOW CHANNEL)

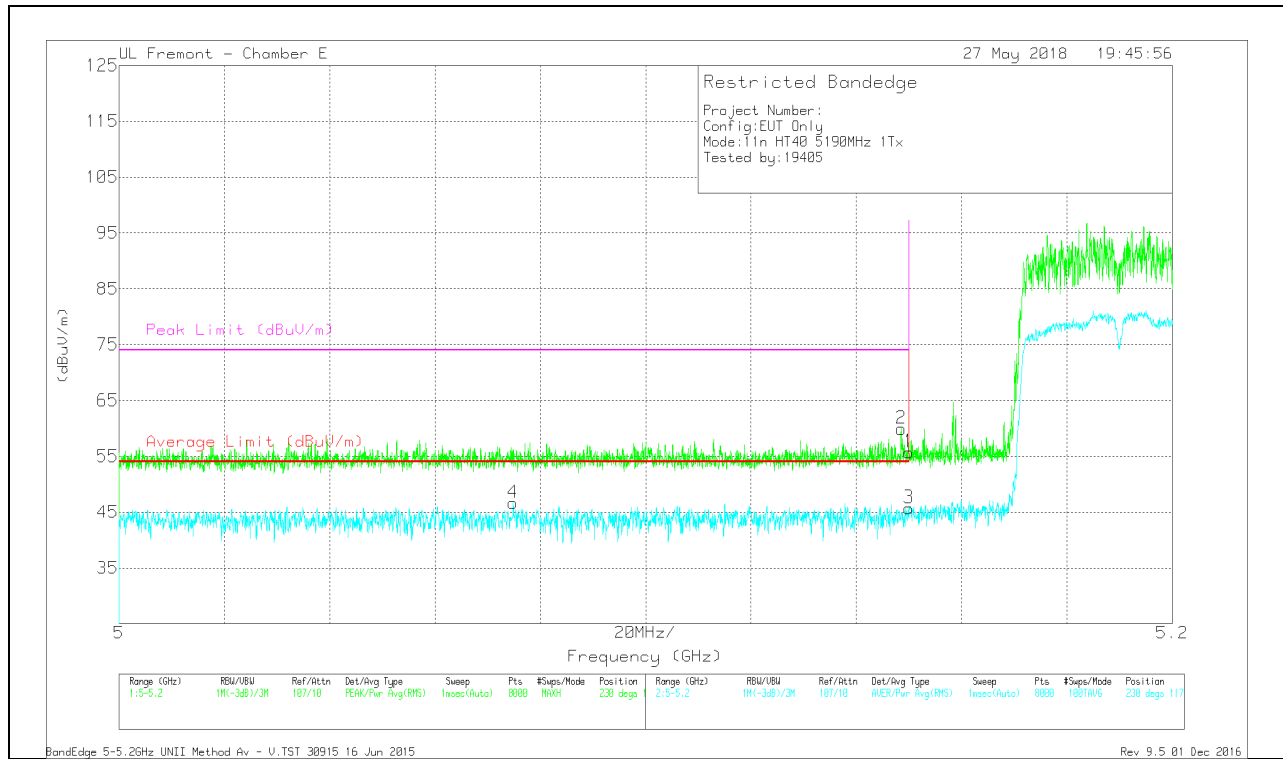
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Ampl/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	48.08	Pk	34.8	-19.8	63.08	-	-	74	-10.92	230	126	H
2	* 5.148	49.05	Pk	34.8	-19.8	64.05	-	-	74	-9.95	230	126	H
3	* 5.15	34.94	RMS	34.8	-19.8	49.94	54	-4.06	-	-	230	126	H
4	* 5.15	35.94	RMS	34.8	-19.8	50.94	54	-3.06	-	-	230	126	H

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

VERTICAL RESULT

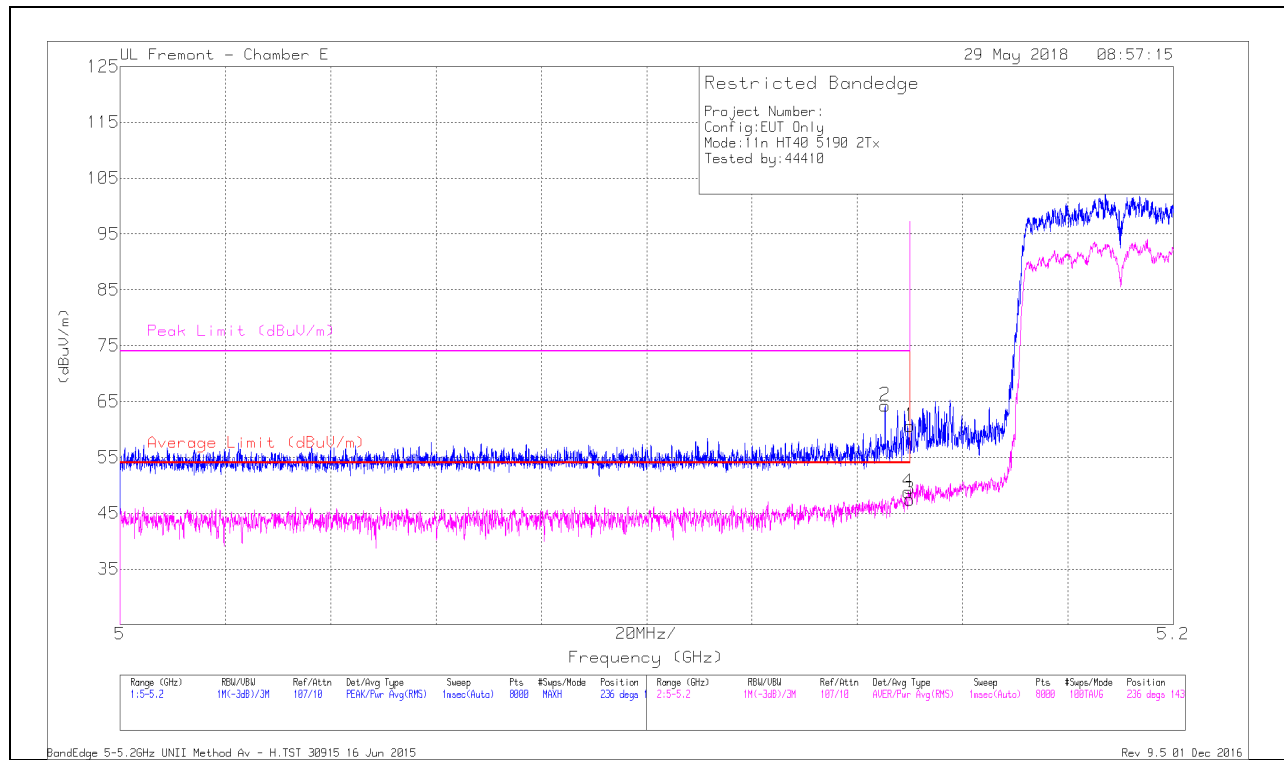


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Ampl/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	40.75	Pk	34.8	-19.8	55.75	-	-	74	-18.25	230	117	V
2	* 5.149	44.93	Pk	34.8	-19.8	59.93	-	-	74	-14.07	230	117	V
3	* 5.15	30.72	RMS	34.8	-19.8	45.72	54	-8.28	-	-	230	117	V
4	* 5.075	31.85	RMS	34.6	-19.8	46.65	54	-7.35	-	-	230	117	V

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

Pk - Peak detector

RMS - RMS detection

2TX Antenna 4 + Antenna 5 CDD MODE**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

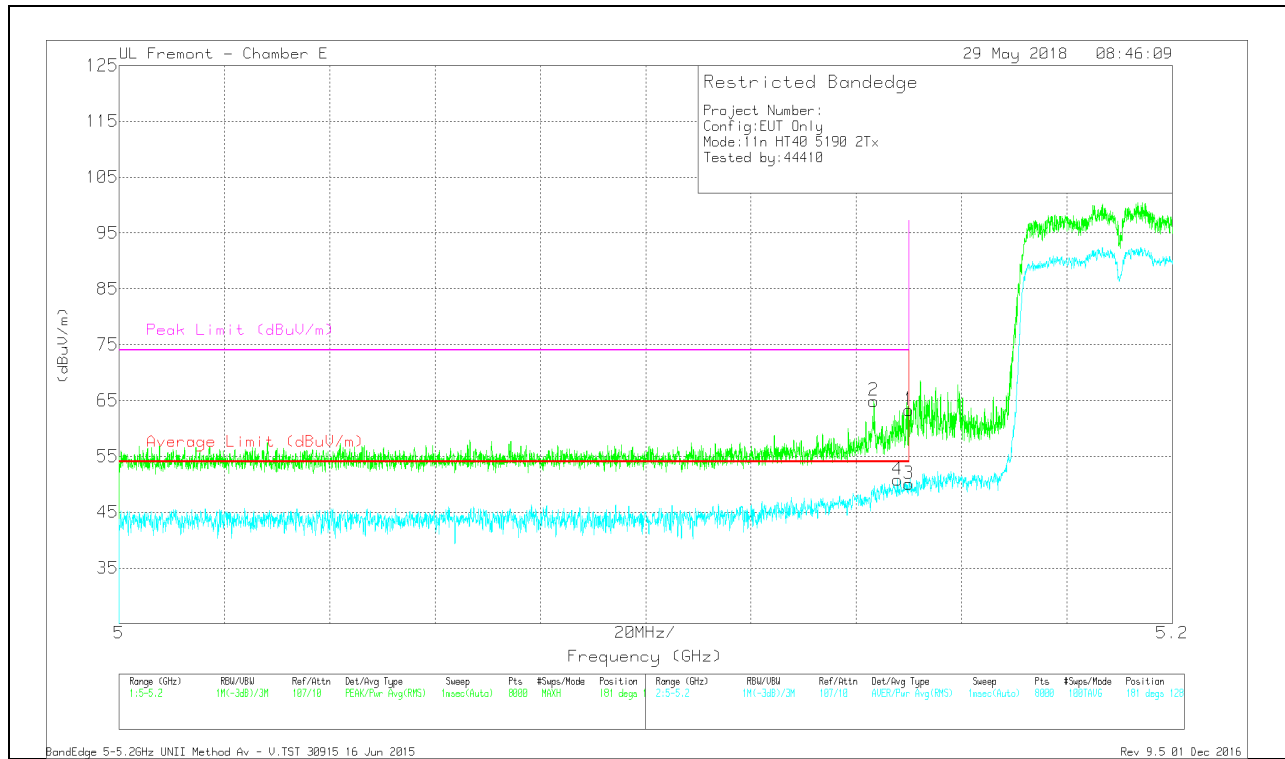
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Ampl/Cbl/Filr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	45.62	Pk	34.8	-19.8	60.62	-	-	74	-13.38	236	143	H
2	* 5.145	49.38	Pk	34.7	-19.8	64.28	-	-	74	-9.72	236	143	H
3	* 5.15	32.46	RMS	34.8	-19.8	47.46	54	-6.54	-	-	236	143	H
4	* 5.15	33.82	RMS	34.8	-19.8	48.82	54	-5.18	-	-	236	143	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Ampl/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	48.29	Pk	34.8	-19.8	63.29	-	-	74	-10.71	181	128	V
2	* 5.143	50.03	Pk	34.7	-19.8	64.93	-	-	74	-9.07	181	128	V
3	* 5.15	35.09	RMS	34.8	-19.8	50.09	54	-3.91	-	-	181	128	V
4	* 5.148	35.79	RMS	34.8	-19.8	50.79	54	-3.21	-	-	181	128	V

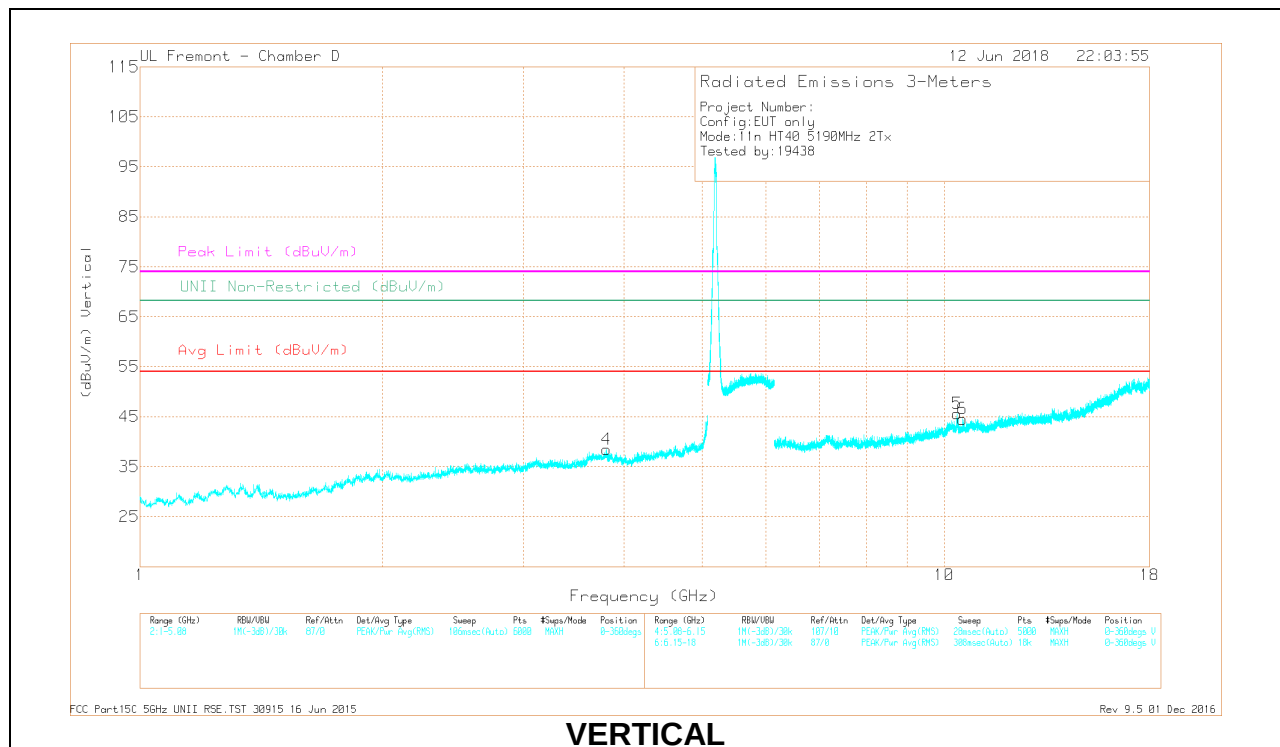
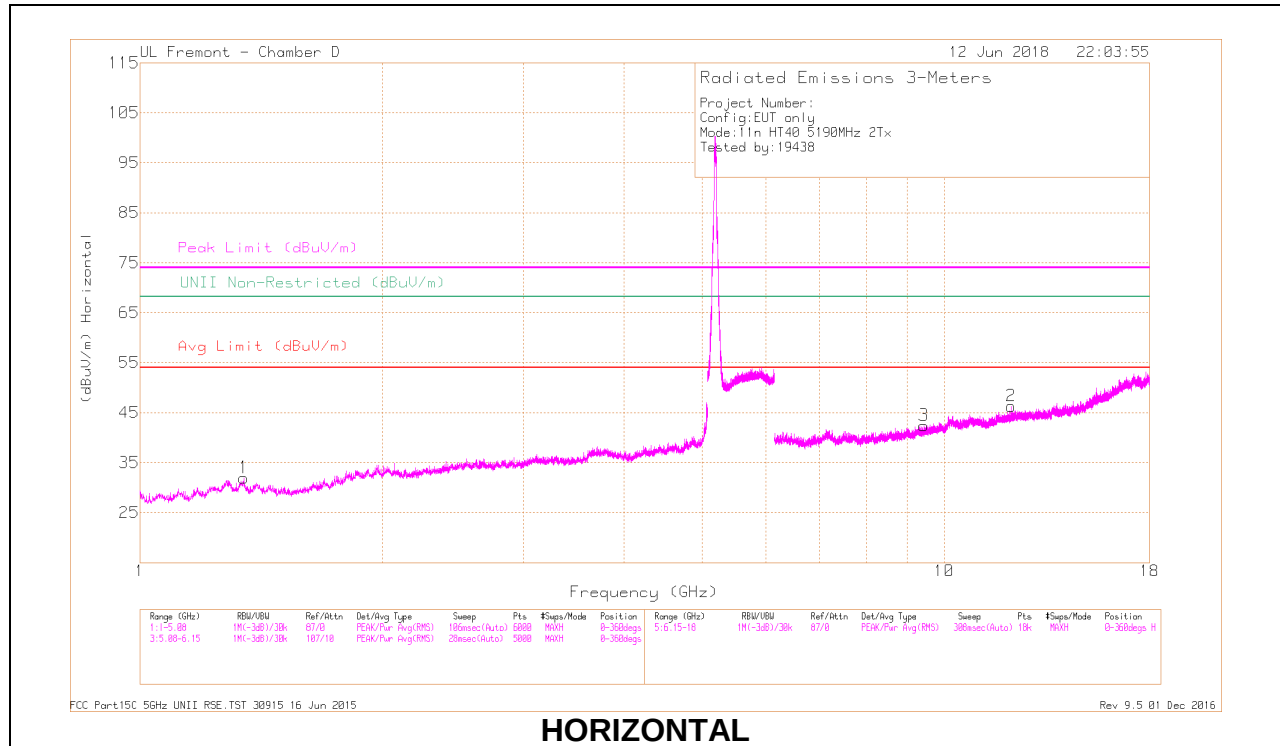
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

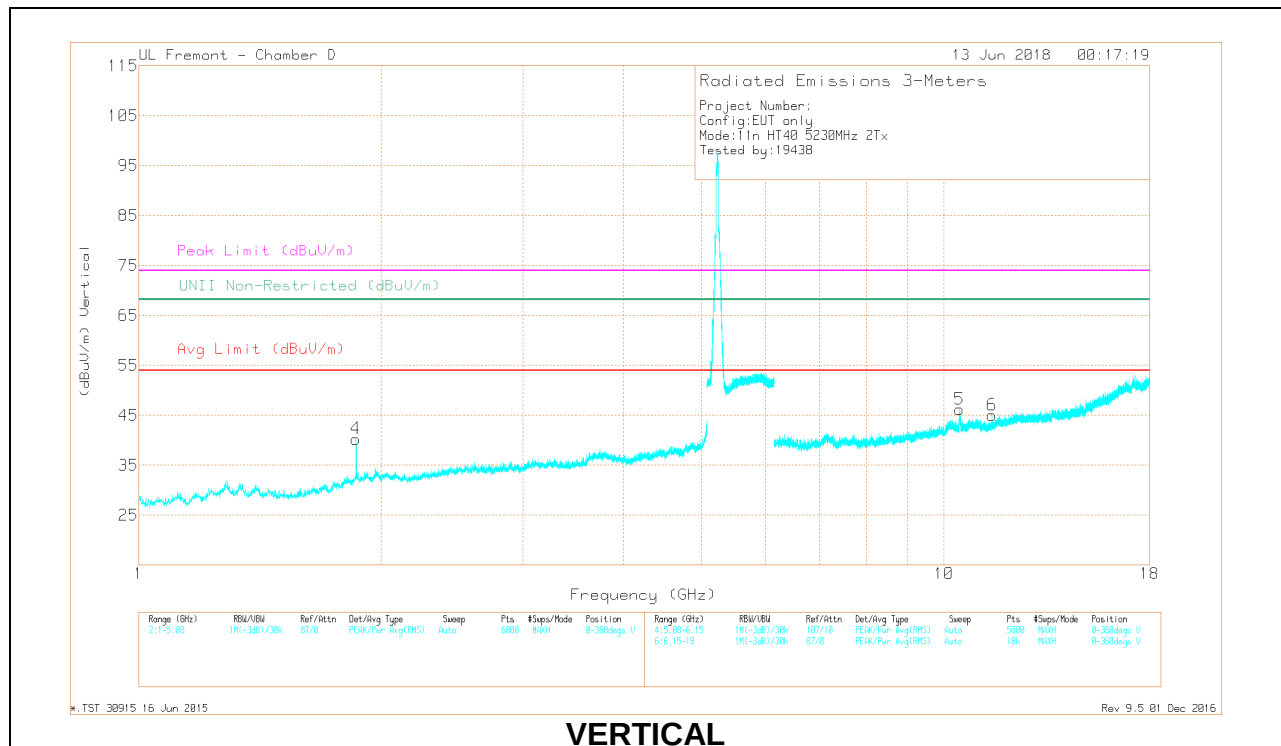
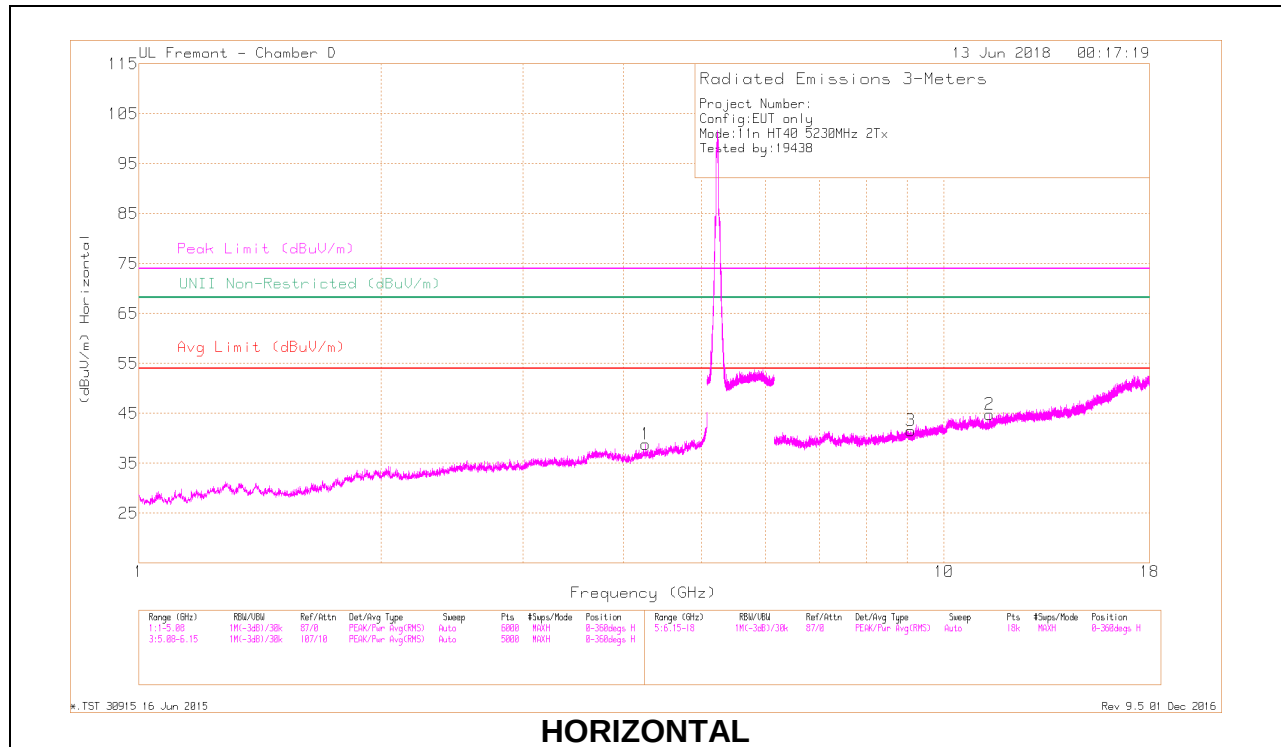
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unfil Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.335	41.01	PK-U	29	-30.9	39.11	-	-	74	-34.89	-	-	90	143	H
	* 1.34	29.43	ADR	28.9	-31.4	26.93	54	-27.07	-	-	-	-	90	143	H
4	* 3.798	37.84	PK-U	33.6	-28.3	43.14	-	-	74	-30.86	-	-	183	283	V
	* 3.793	26.91	ADR	33.6	-28.4	32.11	54	-21.89	-	-	-	-	183	283	V
2	* 12.086	33.55	PK-U	38.9	-21	51.45	-	-	74	-22.55	-	-	279	357	H
	* 12.087	22.43	ADR	38.9	-20.9	40.43	54	-13.57	-	-	-	-	279	357	H
3	* 9.432	33.29	PK-U	36.6	-21.4	48.49	-	-	74	-25.51	-	-	305	300	H
	* 9.417	22.6	ADR	36.6	-21.6	37.6	54	-16.4	-	-	-	-	305	300	H
5	10.377	32.87	PK-U	37.5	-20.9	49.47	-	-	-	-	68.2	-18.73	220	220	V
6	10.556	33.79	PK-U	37.7	-20.6	50.89	-	-	-	-	68.2	-17.31	220	155	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Filt/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	* 4.246	37.6	PK-U	33.8	-27.2	44.2	-	-	74	-29.8	-	-	128	193	H
	* 4.279	26.43	ADR	33.9	-27.5	32.83	54	-21.17	-	-	-	-	128	193	H
2	* 11.377	33.15	PK-U	37.9	-20.7	50.35	-	-	74	-23.65	-	-	156	279	H
	* 11.376	22.21	ADR	37.9	-20.7	39.41	54	-14.59	-	-	-	-	156	279	H
3	* 9.096	34.31	PK-U	36.3	-22.5	48.11	-	-	74	-25.89	-	-	259	130	H
	* 9.098	23.08	ADR	36.3	-22.5	36.88	54	-17.12	-	-	-	-	259	130	H
6	* 11.481	33.31	PK-U	38	-20.8	50.51	-	-	74	-23.49	-	-	236	137	V
	* 11.487	22.3	ADR	38	-20.8	39.5	54	-14.5	-	-	-	-	236	137	V
4	1.865	41.01	PK-U	31.3	-31.1	41.21	-	-	-	-	68.2	-26.99	252	193	V
5	10.461	34.35	PK-U	37.5	-20.7	51.15	-	-	-	-	68.2	-17.05	296	207	V

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

PK-U - U-NII: Maximum Peak

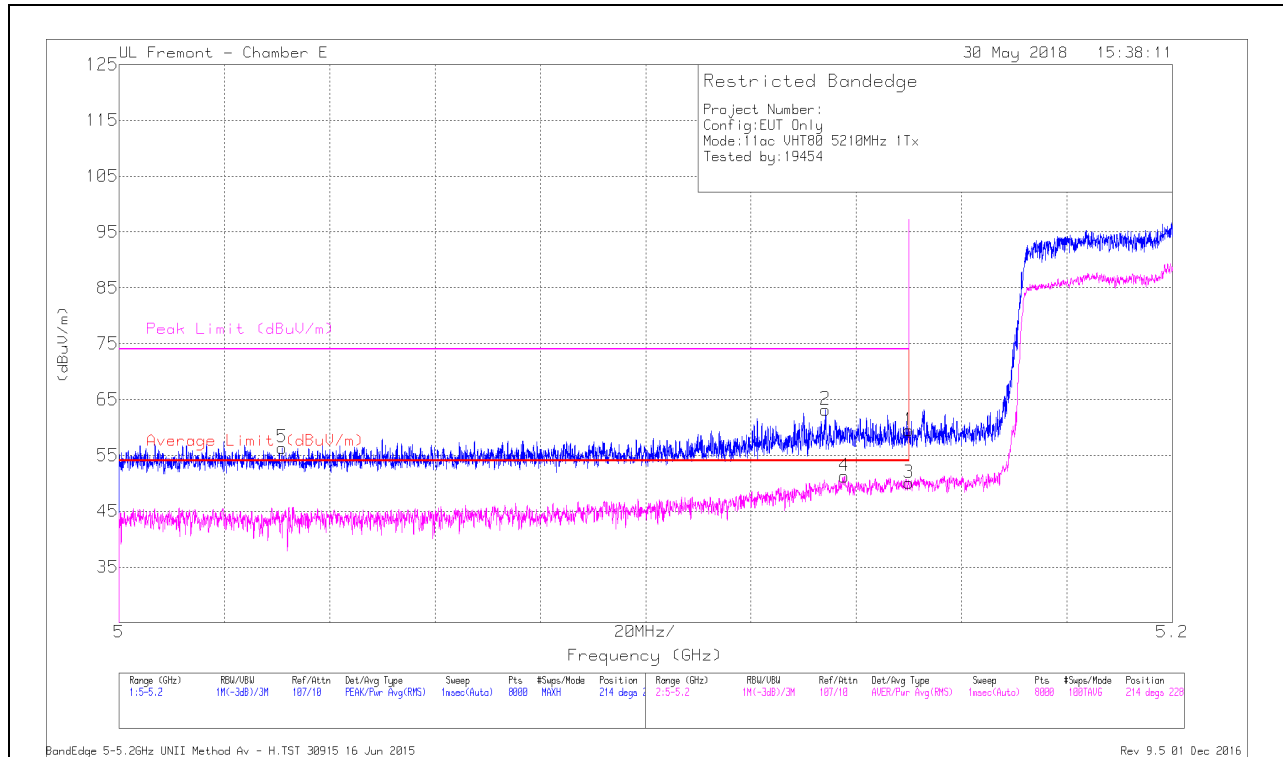
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 4 MODE

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



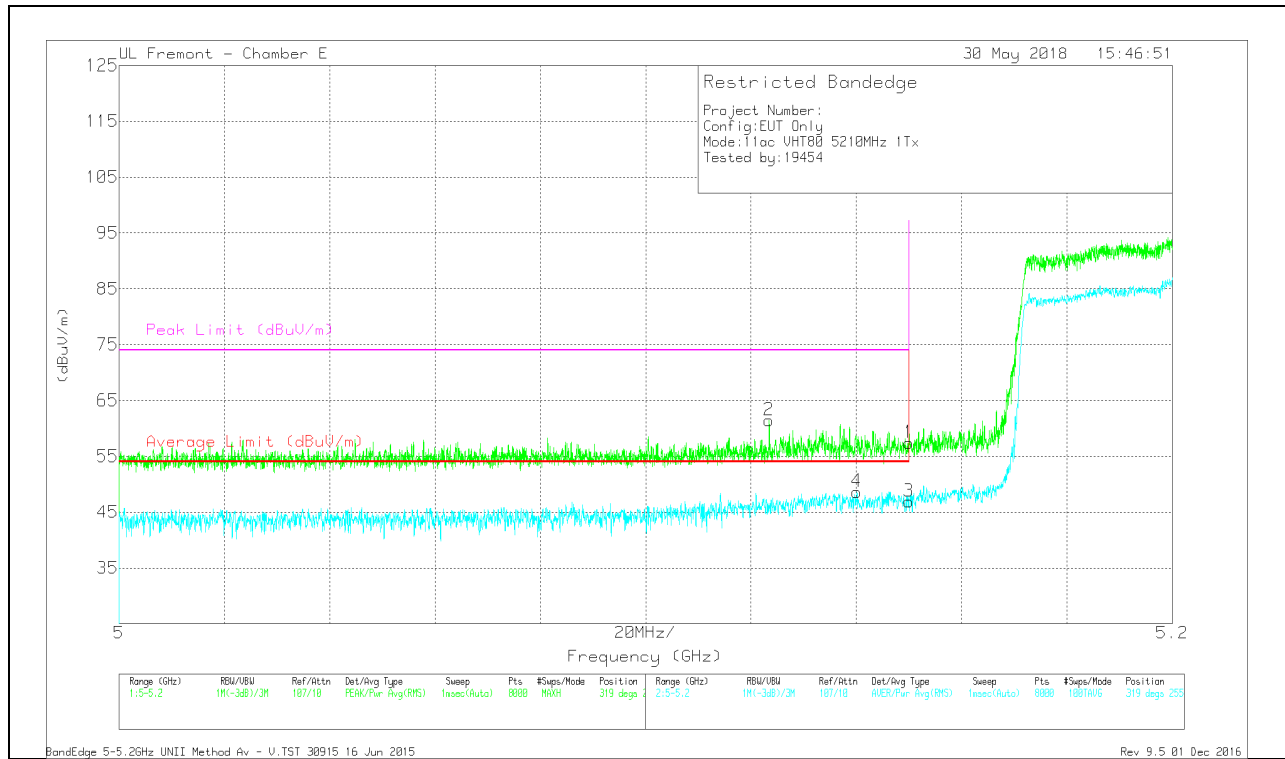
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (dBm)	Amp/Chl/Filt/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	44.5	Pk	34.8	-19.8	0	59.5	-	-	74	-14.5	214	228	H
2	* 5.134	48.38	Pk	34.7	-19.9	0	63.18	-	-	74	-10.82	214	228	H
5	* 5.031	41.97	Pk	34.6	-20.2	0	56.37	-	-	74	-17.63	214	228	H
3	* 5.15	35.05	RMS	34.8	-19.8	.20	50.25	54	-3.75	-	-	214	228	H
4	* 5.138	36.35	RMS	34.7	-19.8	.20	51.45	54	-2.55	-	-	214	228	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Ampl/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	42.4	Pk	34.8	-19.8	0	57.4	-	-	74	-16.6	319	255	V
2	* 5.123	46.63	Pk	34.7	-19.9	0	61.43	-	-	74	-12.57	319	255	V
3	* 5.15	31.9	RMS	34.8	-19.8	.20	47.10	54	-6.90	-	-	319	255	V
4	* 5.14	33.75	RMS	34.7	-19.8	.20	48.85	54	-5.15	-	-	319	255	V

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

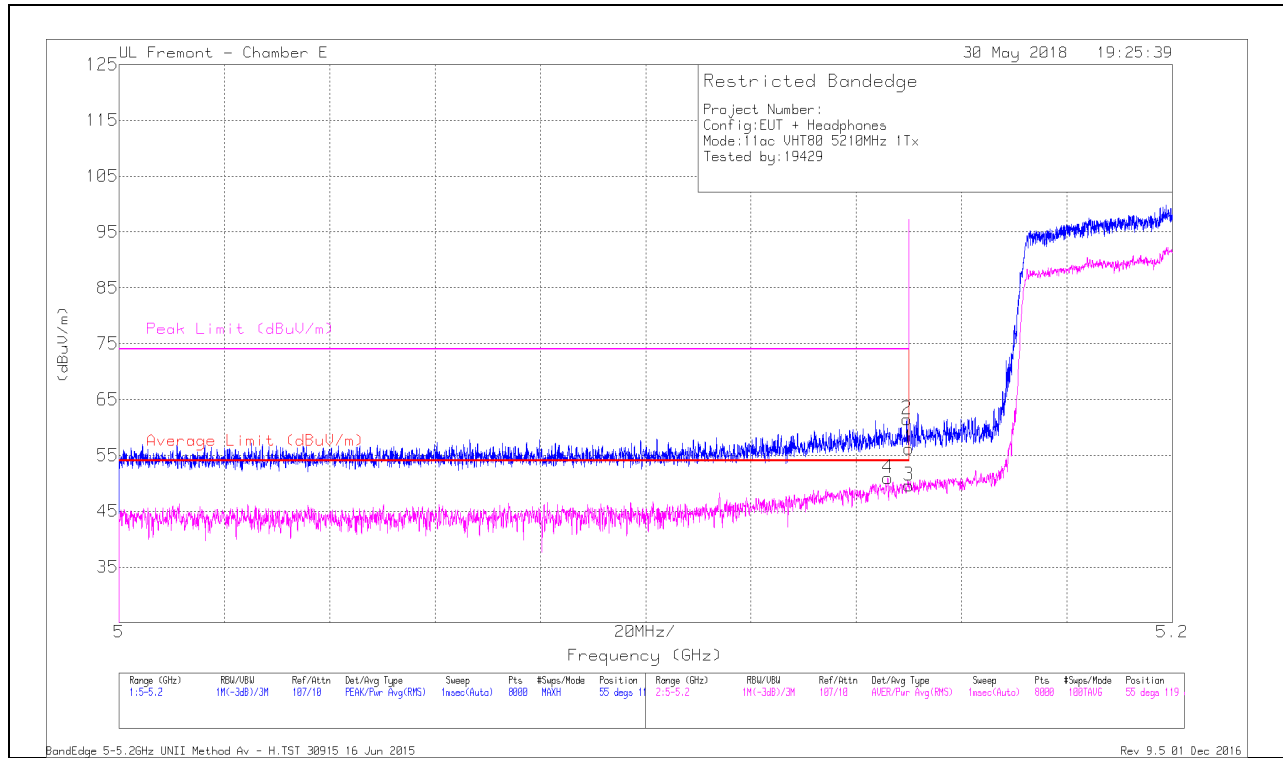
Pk - Peak detector

RMS - RMS detection

1TX Antenna 5 MODE

BANDEDGE (MID CHANNEL)

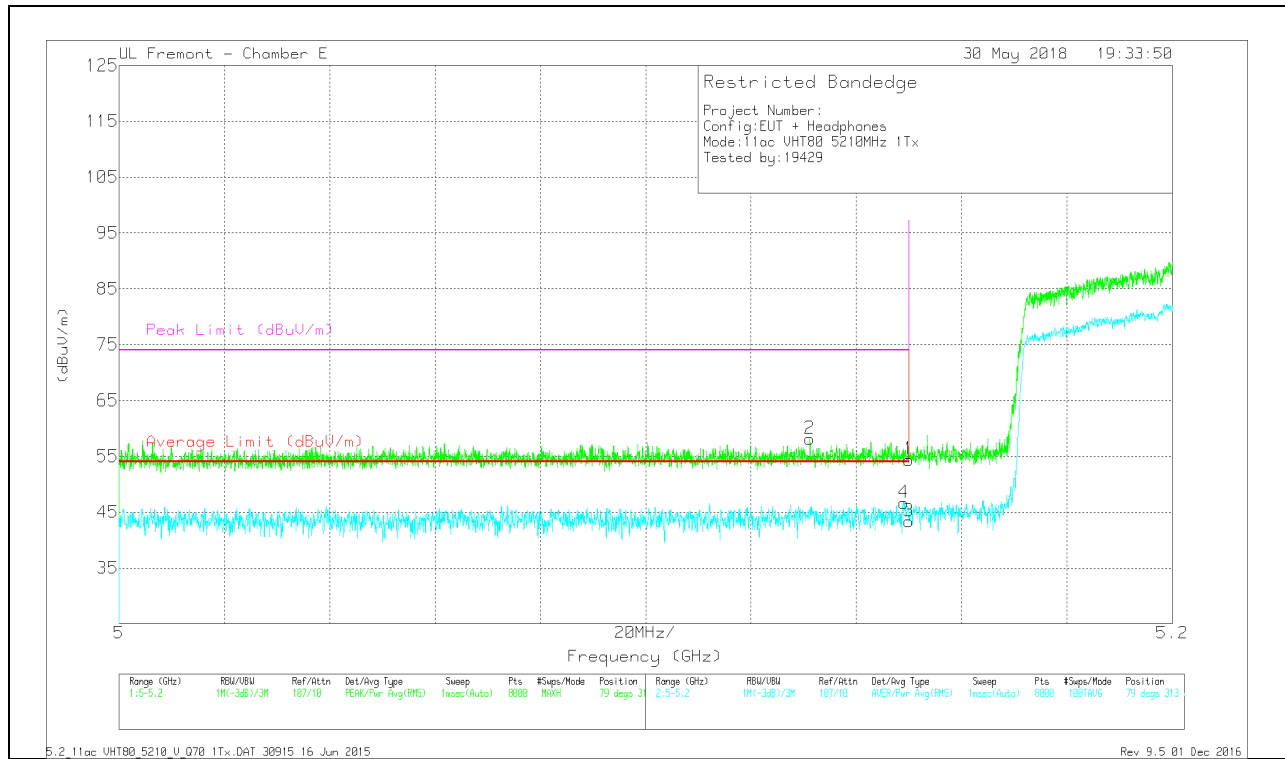
HORIZONTAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T346 (dBm)	Amp/CBI/Ftr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 5.146	35.84	RMS	34.7	-19.8	.20	50.94	54	-3.06	-	-	55	119	H
1	* 5.15	41.25	Pk	34.8	-19.8	0	56.25	-	-	74	-17.75	55	119	H
2	* 5.15	46.48	Pk	34.8	-19.8	0	61.48	-	-	74	-12.52	55	119	H
3	* 5.15	34.41	RMS	34.8	-19.8	.20	49.61	54	-4.39	-	-	55	119	H

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

VERTICAL RESULT

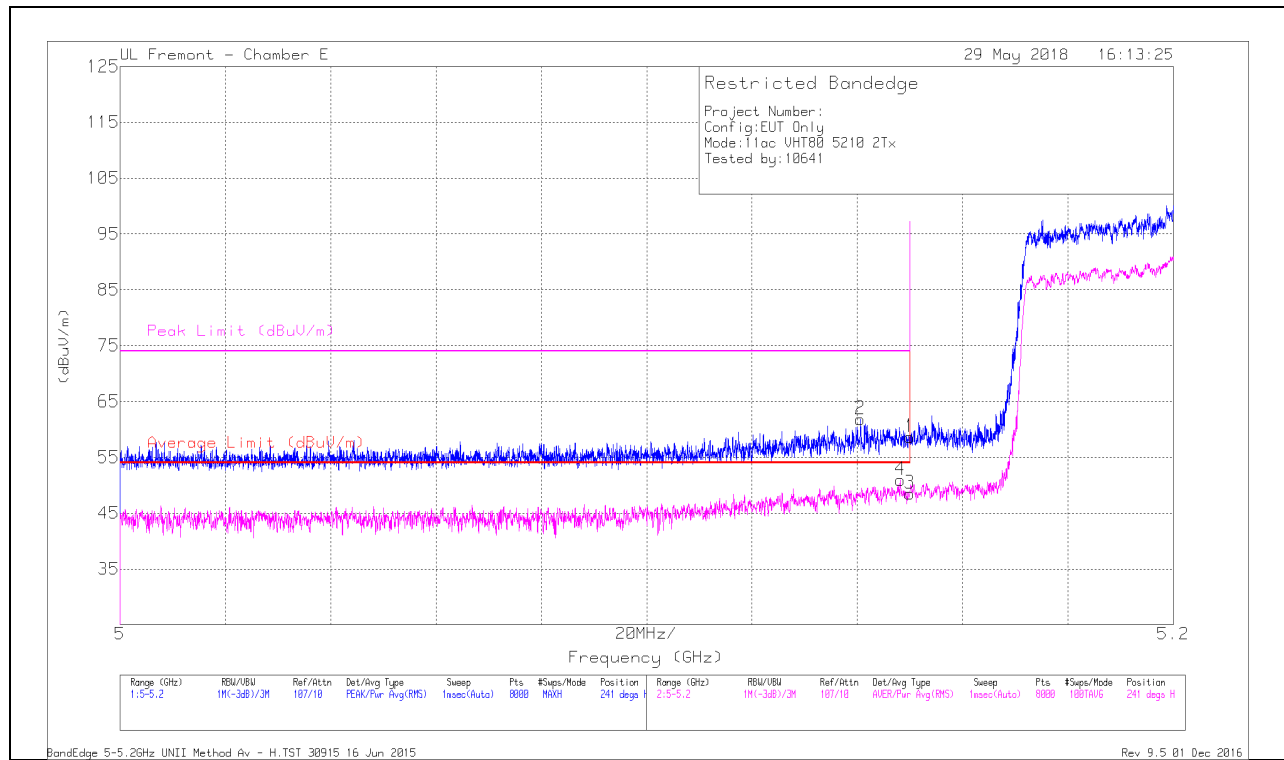


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dBm)	Amp/ChlFtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	39.42	Pk	34.8	-19.8	0	54.42	-	-	74	-19.58	79	313	V
2	* 5.131	43.32	Pk	34.7	-19.9	0	58.12	-	-	74	-15.88	79	313	V
3	* 5.15	28.36	RMS	34.8	-19.8	20	43.56	54	-10.44	-	-	79	313	V
4	* 5.149	31.66	RMS	34.8	-19.8	20	46.86	54	-7.14	-	-	79	313	V

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

Pk - Peak detector

RMS - RMS detection

2TX Antenna 4 + Antenna 5 CDD MODE**BANDEDGE (MID CHANNEL)****HORIZONTAL RESULT**

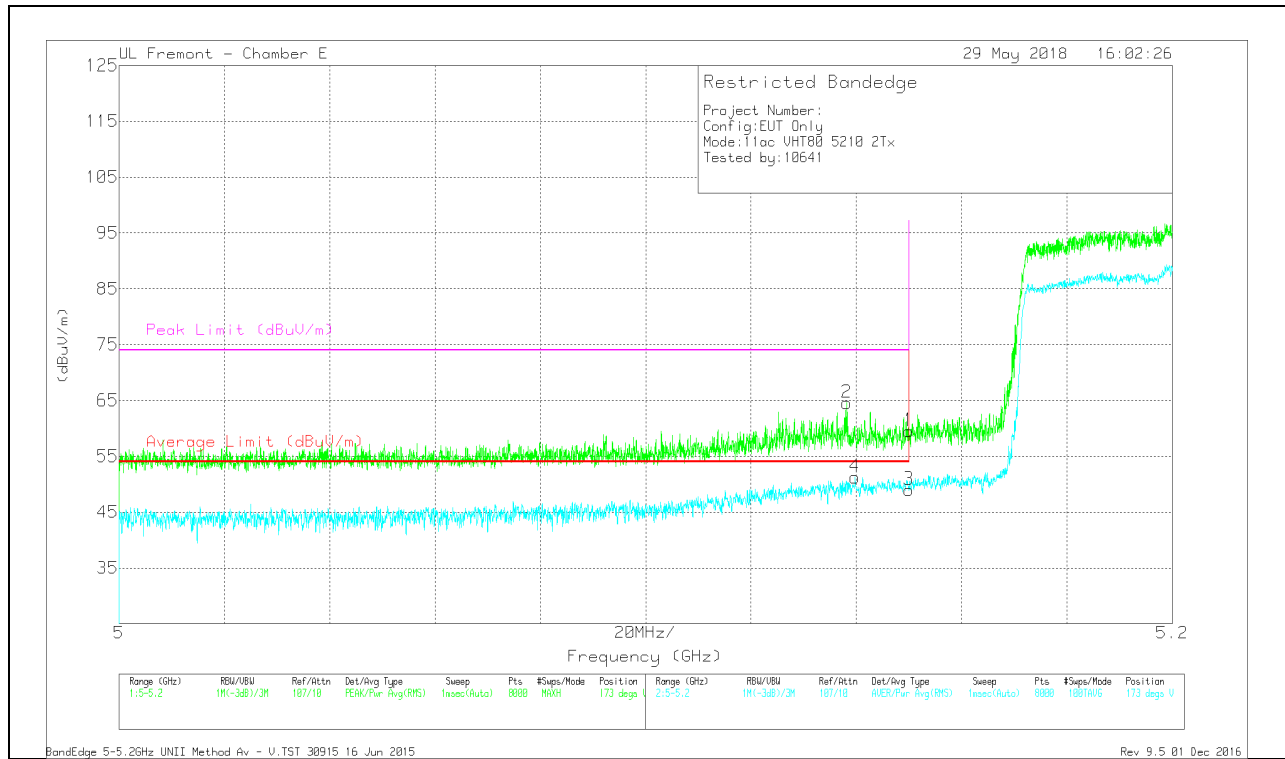
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Ampl/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.141	46.95	Pk	34.7	-19.8	0	61.85	-	-	74	-12.15	241	125	H
4	* 5.148	35.98	RMS	34.8	-19.8	.20	51.18	54	-2.82	-	-	241	125	H
1	* 5.15	43.65	Pk	34.8	-19.8	0	58.65	-	-	74	-15.35	241	125	H
3	* 5.15	33.54	RMS	34.8	-19.8	.20	48.74	54	-5.26	-	-	241	125	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dBm)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.138	49.67	Pk	34.7	-19.8	0	64.57	-	-	74	-9.43	173	132	V
4	* 5.14	36.36	RMS	34.7	-19.8	.20	51.46	54	-2.54	-	-	173	132	V
1	* 5.15	44.53	Pk	34.8	-19.8	0	59.53	-	-	74	-14.47	173	132	V
3	* 5.15	34.01	RMS	34.8	-19.8	.20	49.21	54	-4.79	-	-	173	132	V

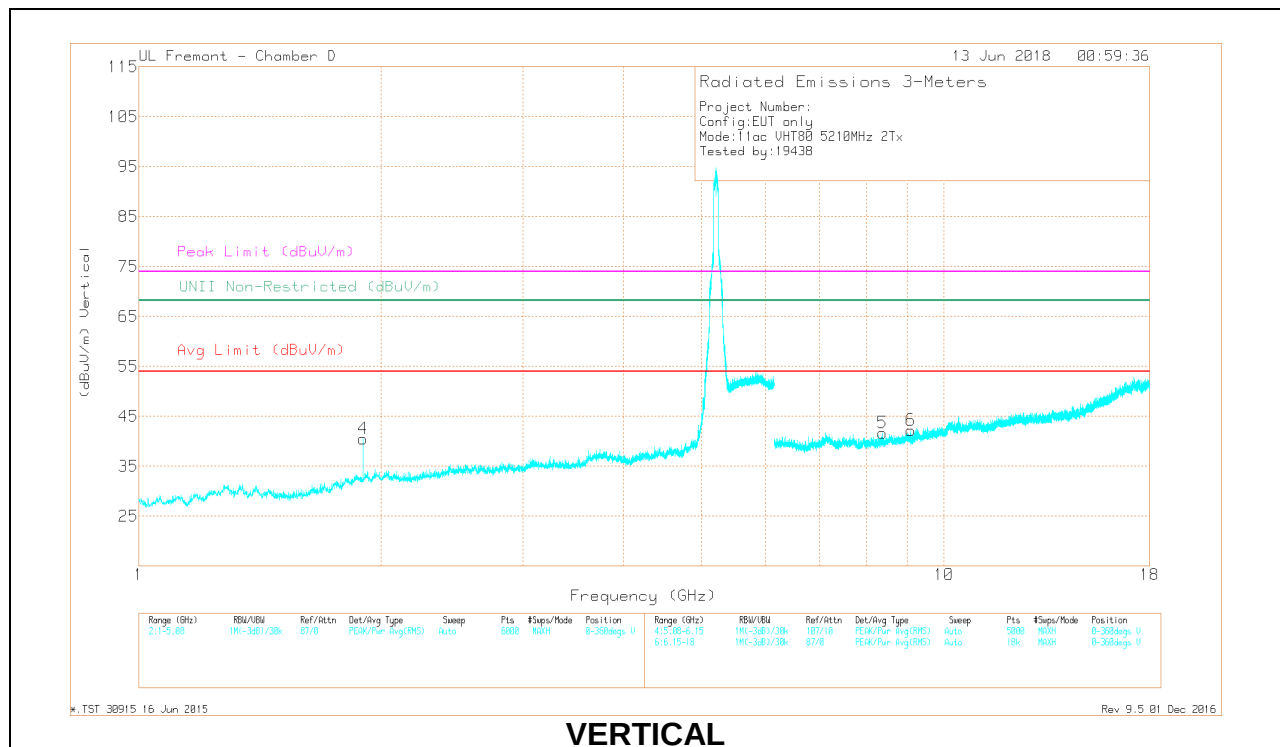
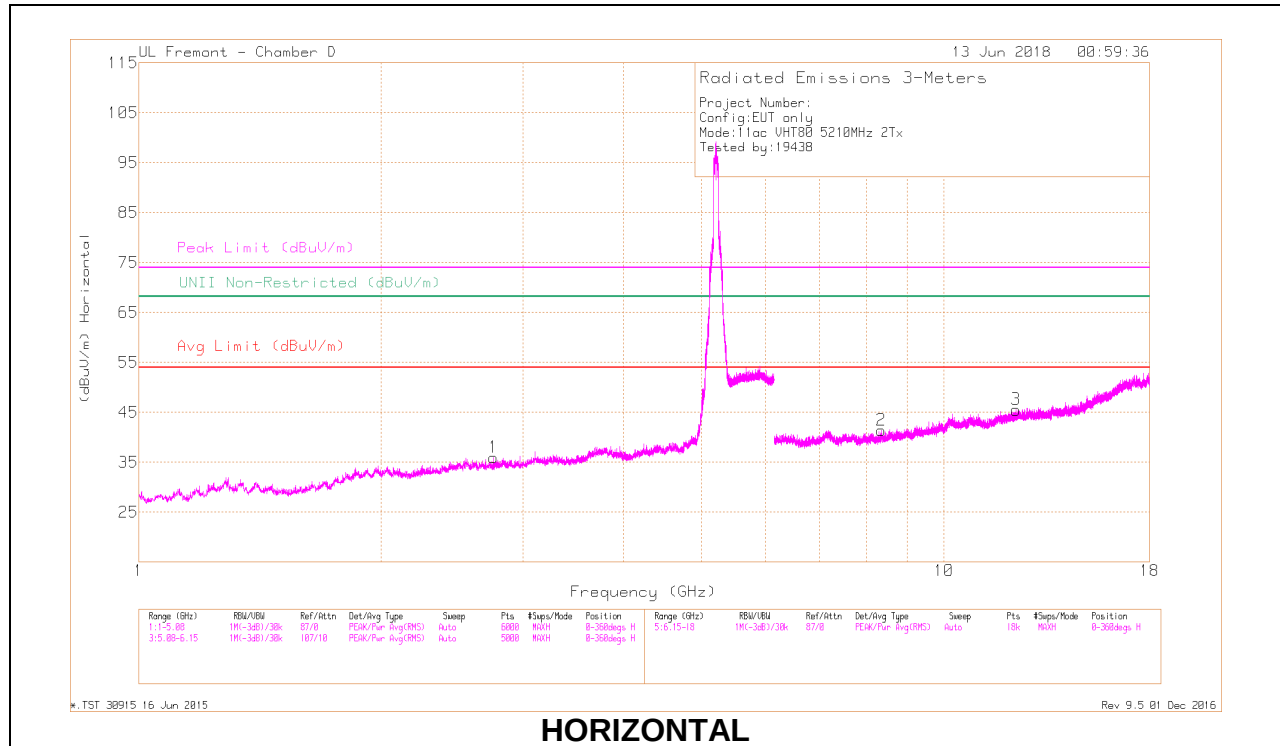
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Filt/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	* 2.737	40.68	PK-U	32.5	-30	0	43.18	-	-	74	-30.82	-	-	69	131	H
	* 2.774	27.96	ADR	32.5	-29.5	.20	31.16	54	-22.84	-	-	-	-	69	131	H
2	* 8.346	34.87	PK-U	35.8	-23.1	0	47.57	-	-	74	-26.43	-	-	234	343	H
	* 8.334	23.78	ADR	35.9	-23.4	.20	36.48	54	-17.52	-	-	-	-	234	343	H
3	* 12.274	33.43	PK-U	38.9	-20.5	0	51.83	-	-	74	-22.17	-	-	148	229	H
	* 12.3	22.57	ADR	38.9	-20.7	.20	40.97	54	-13.03	-	-	-	-	148	229	H
5	* 8.388	34.73	PK-U	35.9	-23.2	0	47.43	-	-	74	-26.57	-	-	202	281	V
	* 8.407	23.68	ADR	35.9	-23.4	.20	36.38	54	-17.62	-	-	-	-	202	281	V
6	* 9.104	34.13	PK-U	36.3	-22.4	0	48.03	-	-	74	-25.97	-	-	90	149	V
	* 9.114	23.27	ADR	36.3	-22.5	.20	37.27	54	-16.73	-	-	-	-	90	149	V
4	1.879	42.11	PK-U	31.4	-31.1	0	42.41	-	-	-	-	68.2	-25.79	169	272	V

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

PK-U - U-NII: Maximum Peak

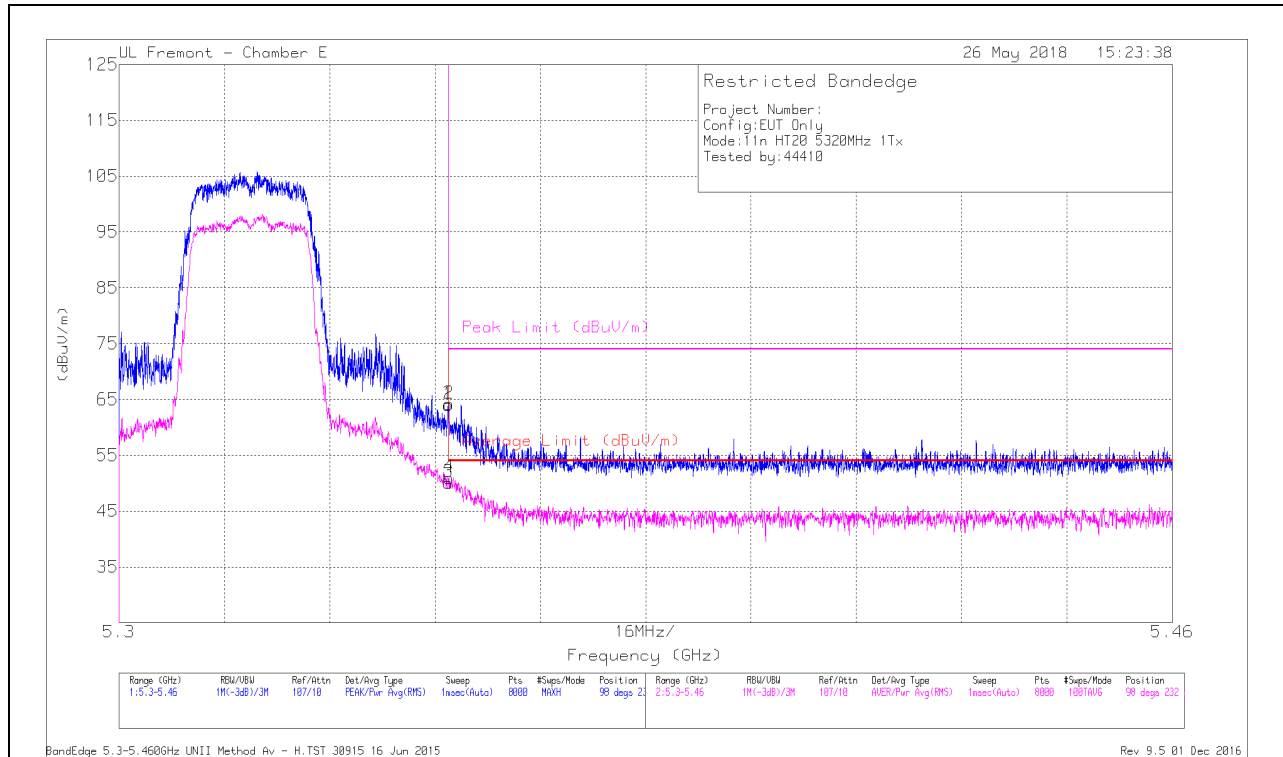
ADR - U-NII AD primary method, RMS average

9.1.4. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.3 GHz BAND

1TX Antenna 4 MODE

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



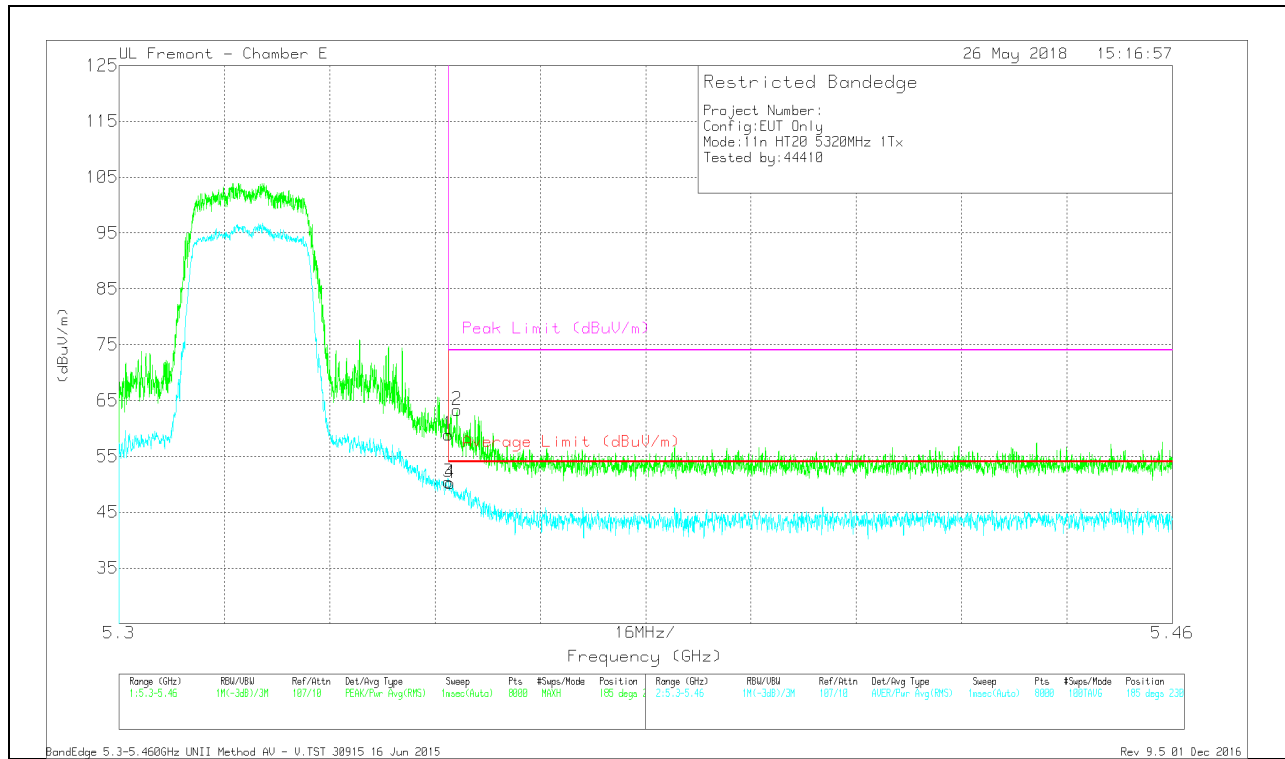
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Ampl/Cbl/Filtr/Pad (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	48.97	Pk	35	-19.9	64.07	-	-	74	-9.93	98	232	H
2	* 5.35	49.11	Pk	35	-19.9	64.21	-	-	74	-9.79	98	232	H
3	* 5.35	35.04	RMS	35	-19.9	50.14	54	-3.86	-	-	98	232	H
4	* 5.35	35.9	RMS	35	-19.9	51	54	-3	-	-	98	232	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dBm)	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	* 5.35	43.84	Pk	35	-19.9	58.94	-	-	74	-15.06	185	230	V
3	* 5.35	35.35	RMS	35	-19.9	50.45	54	-3.55	-	-	185	230	V
4	* 5.35	35.12	RMS	35	-19.9	50.22	54	-3.78	-	-	185	230	V
2	* 5.351	48.2	Pk	35	-19.9	63.3	-	-	74	-10.7	185	230	V

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

Pk - Peak detector

RMS - RMS detection