

1TX Chain 1

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	40.5	4.2	24.00	11.00
Mid	5550	40.4	4.2	24.00	11.00
High	5670	40.6	4.2	24.00	11.00
142	5710	35.25	4.2	24.00	11.00

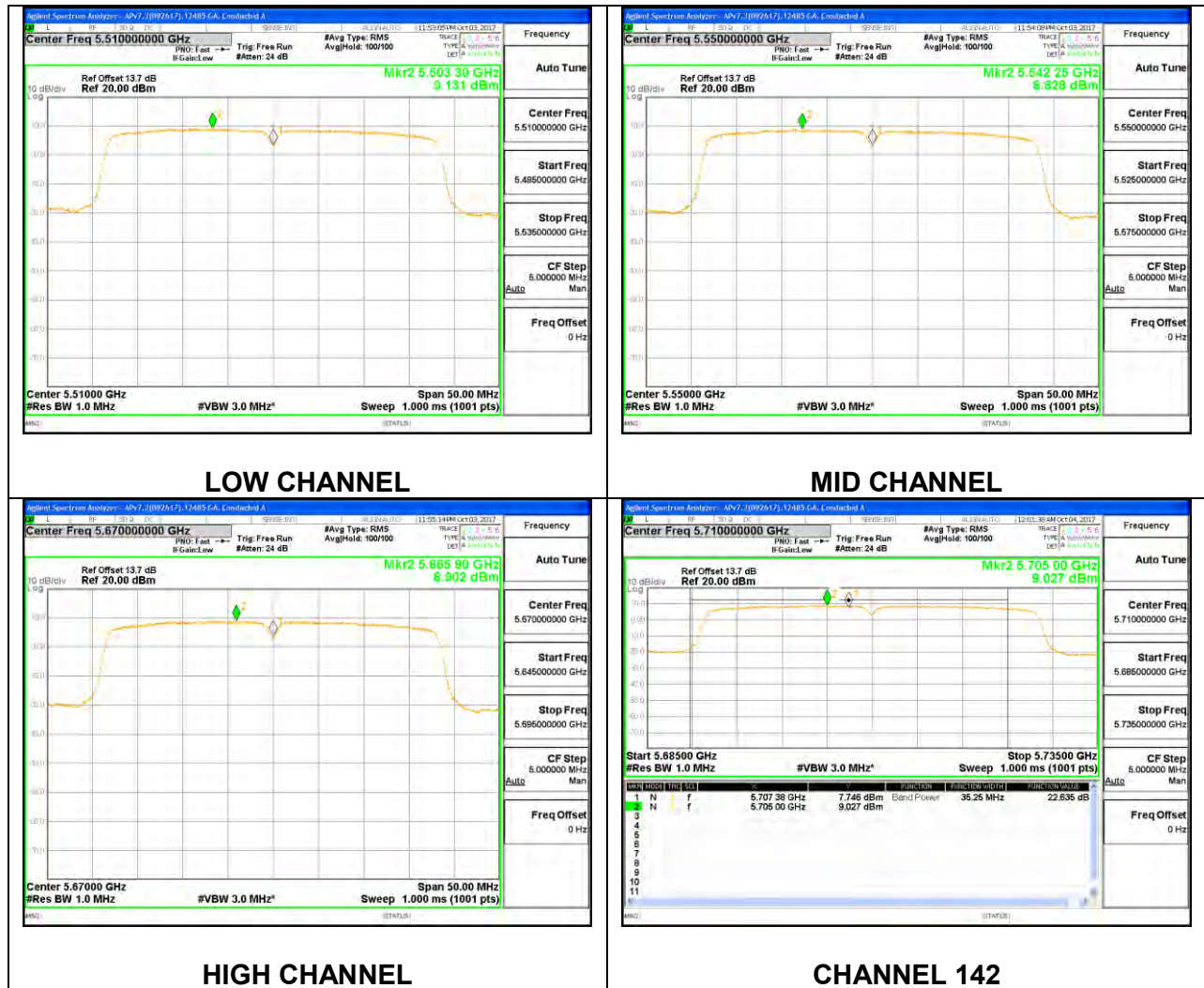
Duty Cycle CF (dB)	0.12	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	19.38	19.38	24.00	-4.62
Mid	5550	22.91	22.91	24.00	-1.09
High	5670	22.71	22.71	24.00	-1.29
142	5710	22.64	22.76	24.00	-1.24

PSD Results

Channel	Frequency (MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	9.13	9.25	11.00	-1.75
Mid	5550	8.83	8.95	11.00	-2.05
High	5670	8.90	9.02	11.00	-1.98
142	5710	9.03	9.15	11.00	-1.85



2TX Chain 0 + Chain 1 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	5510	40.50	4.90	7.88	24.00	9.12
Mid	5550	40.40	4.90	7.88	24.00	9.12
High	5670	40.70	4.90	7.88	24.00	9.12
138	5710	33.02	4.90	7.88	24.00	9.12

Duty Cycle CF (dB)	0.14	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	17.38	18.03	20.73	24.00	-3.27
Mid	5550	18.60	18.81	21.72	24.00	-2.28
High	5670	19.34	18.63	22.01	24.00	-1.99
138	5710	20.08	19.18	22.80	24.00	-1.20

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	3.35	4.22	6.95	9.12	-2.17
Mid	5550	4.22	4.89	7.72	9.12	-1.40
High	5670	5.33	5.44	8.53	9.12	-0.59
138	5710	6.44	5.44	9.12	9.12	0.00

LOW CHANNEL

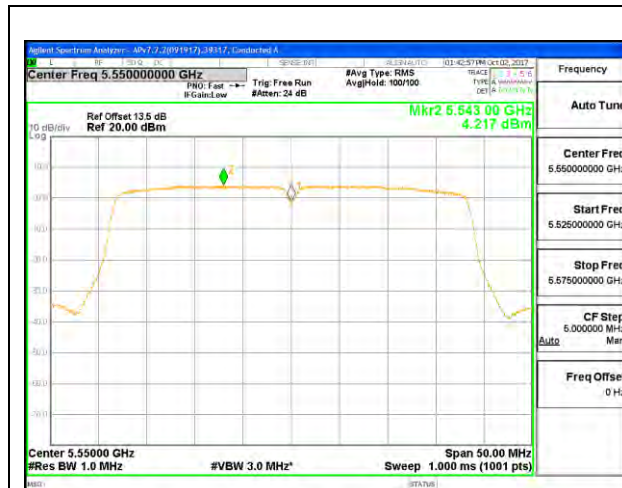


LOW CHANNEL CHAIN 0



LOW CHANNEL CHAIN 1

MID CHANNEL

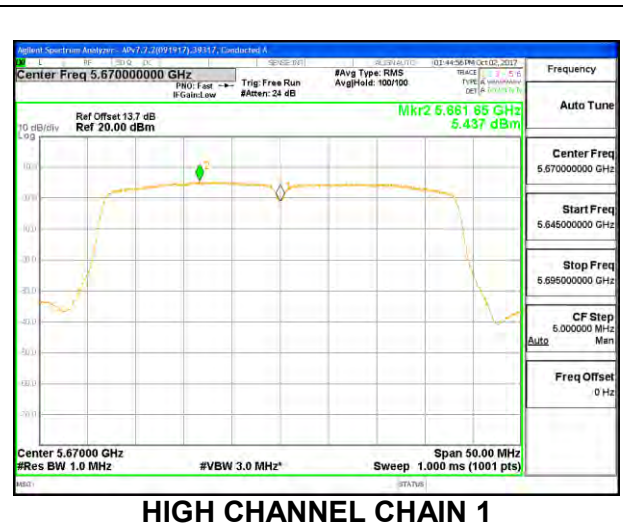
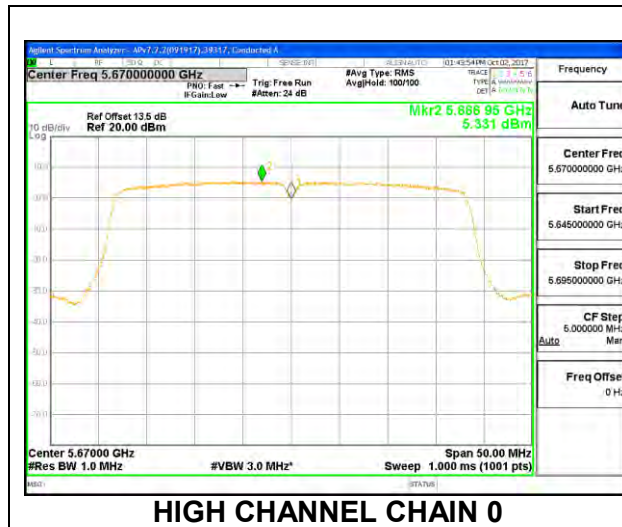


MID CHANNEL CHAIN 0

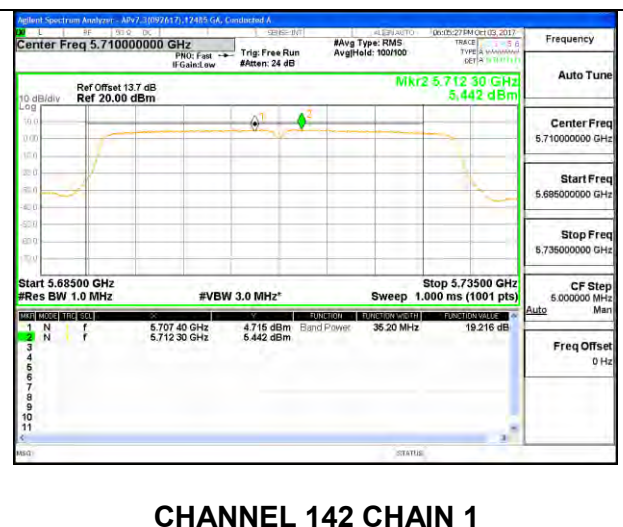
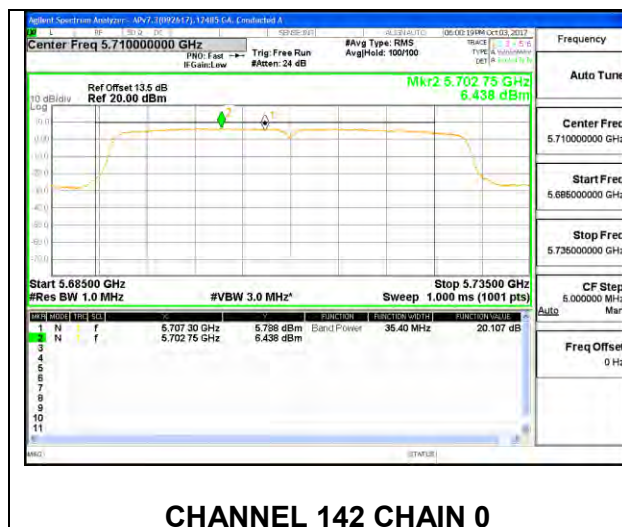


MID CHANNEL CHAIN 1

HIGH CHANNEL



CHANNEL 142



8.5.12. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

1TX Chain 0

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	84.8	5.5	24.00	11.00
High	5610	84.8	5.5	24.00	11.00
138	5690	77.10	5.50	24.00	11.00

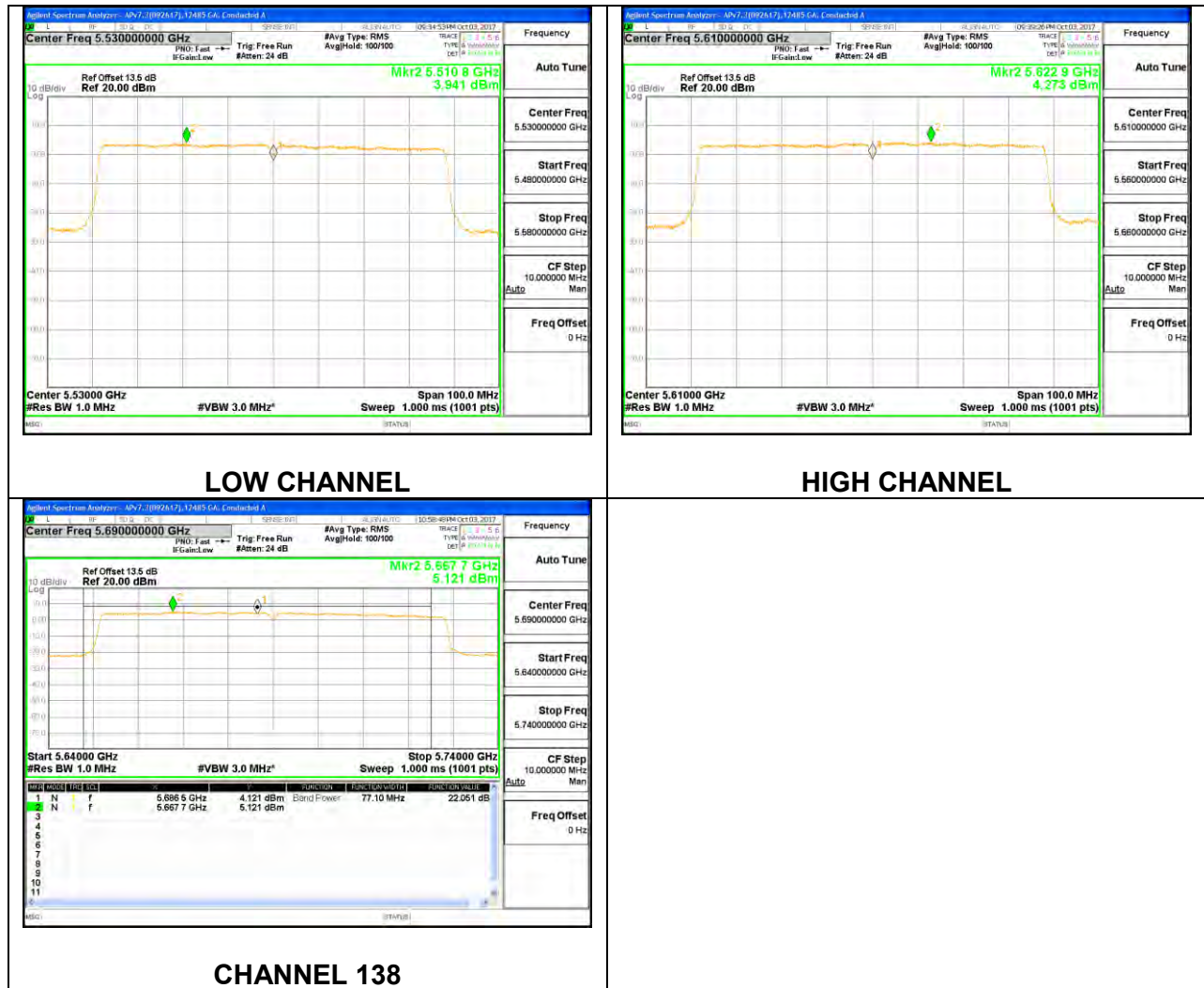
Duty Cycle CF (dB)	0.24	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.04	15.04	24.00	-8.96
High	5610	21.45	21.45	24.00	-2.55
138	5690	22.05	22.29	24.00	-1.71

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm)	PSD Margin (dB)
Low	5530	3.94	4.18	11.00	-6.82
High	5610	4.27	4.51	11.00	-6.49
138	5690	5.12	5.36	11.00	-5.64



1TX Chain 1

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	84.2	4.2	24.00	11.00
High	5610	84.2	4.2	24.00	11.00
138	5690	77.10	4.2	24.00	11.00

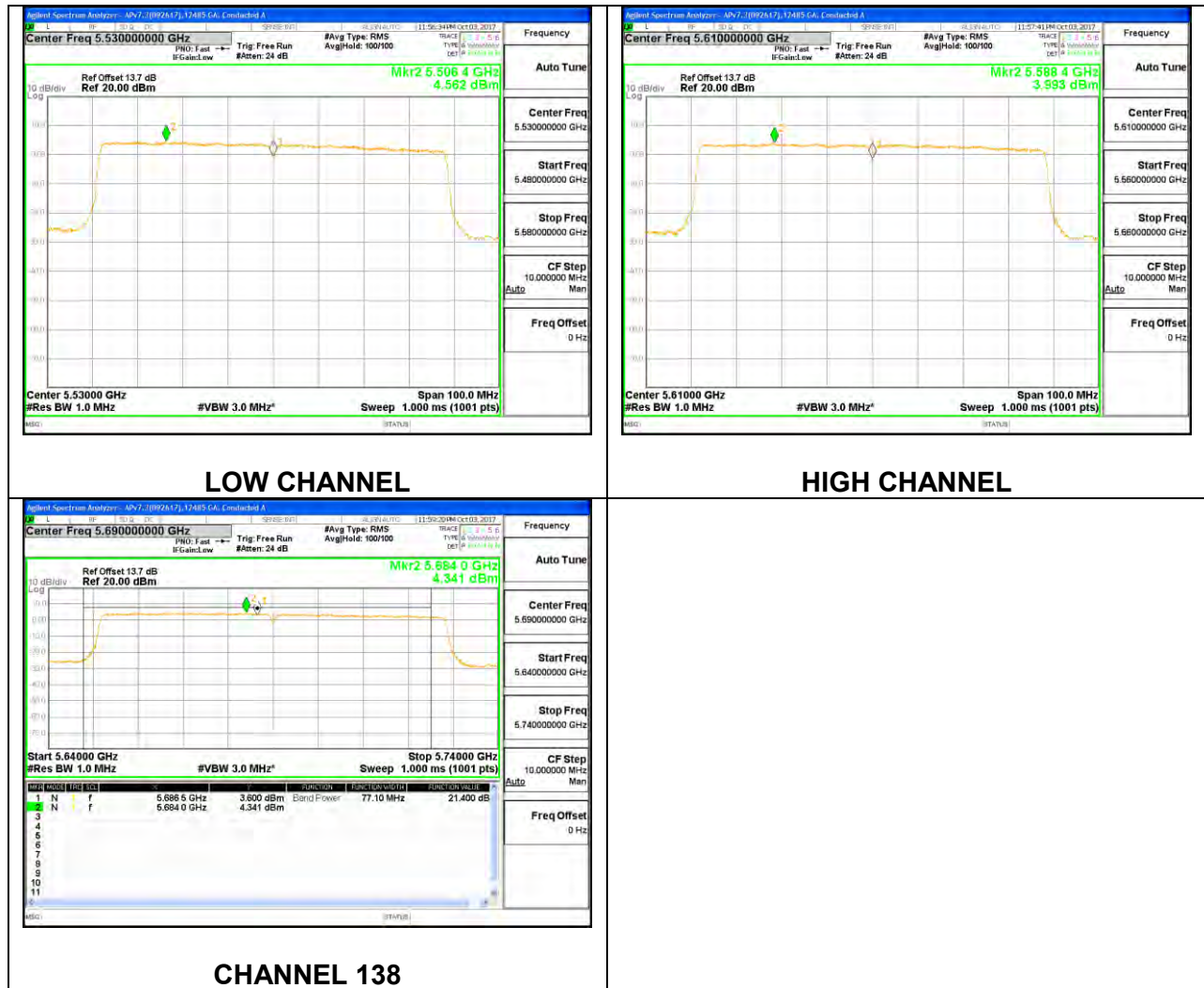
Duty Cycle CF (dB)	0.25	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.09	15.09	24.00	-8.91
High	5610	21.32	21.32	24.00	-2.68
138	5690	21.40	21.65	24.00	-2.35

PSD Results

Channel	Frequency (MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	4.56	4.81	11.00	-6.19
High	5610	3.99	4.24	11.00	-6.76
138	5690	4.34	4.59	11.00	-6.41



2TX Chain 0 + Chain 1 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	83.60	4.90	7.88	24.00	9.12
High	5610	83.60	4.90	7.88	24.00	9.12
138	5690	76.80	4.90	7.88	24.00	9.12

Duty Cycle CF (dB)	0.24	Included in Calculations of Corr'd PSD
--------------------	------	--

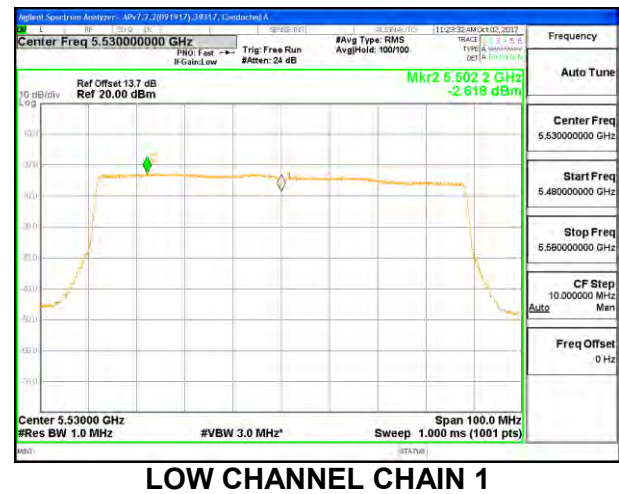
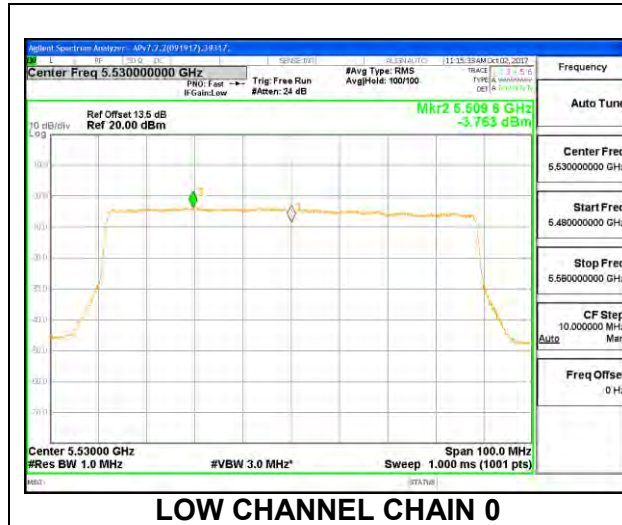
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	13.74	14.17	16.97	24.00	-7.03
High	5610	20.10	20.20	23.16	24.00	-0.84
138	5690	20.88	20.59	23.99	24.00	-0.01

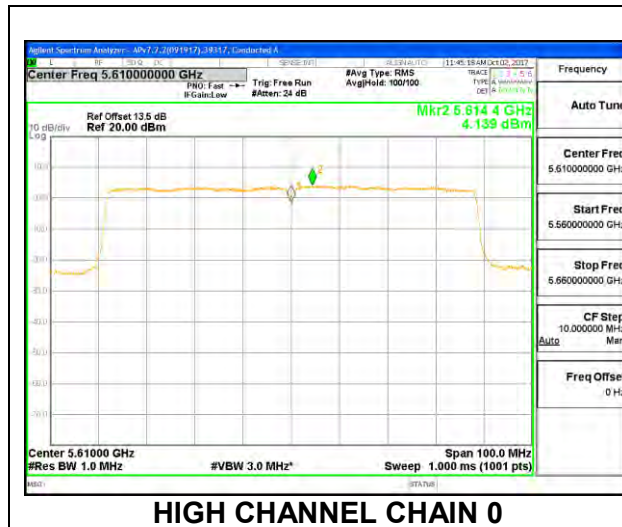
PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm)	PSD Margin (dB)
Low	5530	-3.76	-2.62	0.10	9.12	-9.02
High	5610	3.09	3.20	6.40	9.12	-2.72
138	5690	3.67	3.50	6.83	9.12	-2.29

LOW CHANNEL



HIGH CHANNEL



CHANNEL 138



CHANNEL 138 CHAIN 0



CHANNEL 138 CHAIN 1

8.5.13. 802.11a MODE IN THE 5.8 GHz BAND

1TX Chain 0

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500kHz)
Low	5745	5.50	30.00	30.00
Mid	5785	5.50	30.00	30.00
High	5825	5.50	30.00	30.00
144	5720	5.50	30.00	30.00

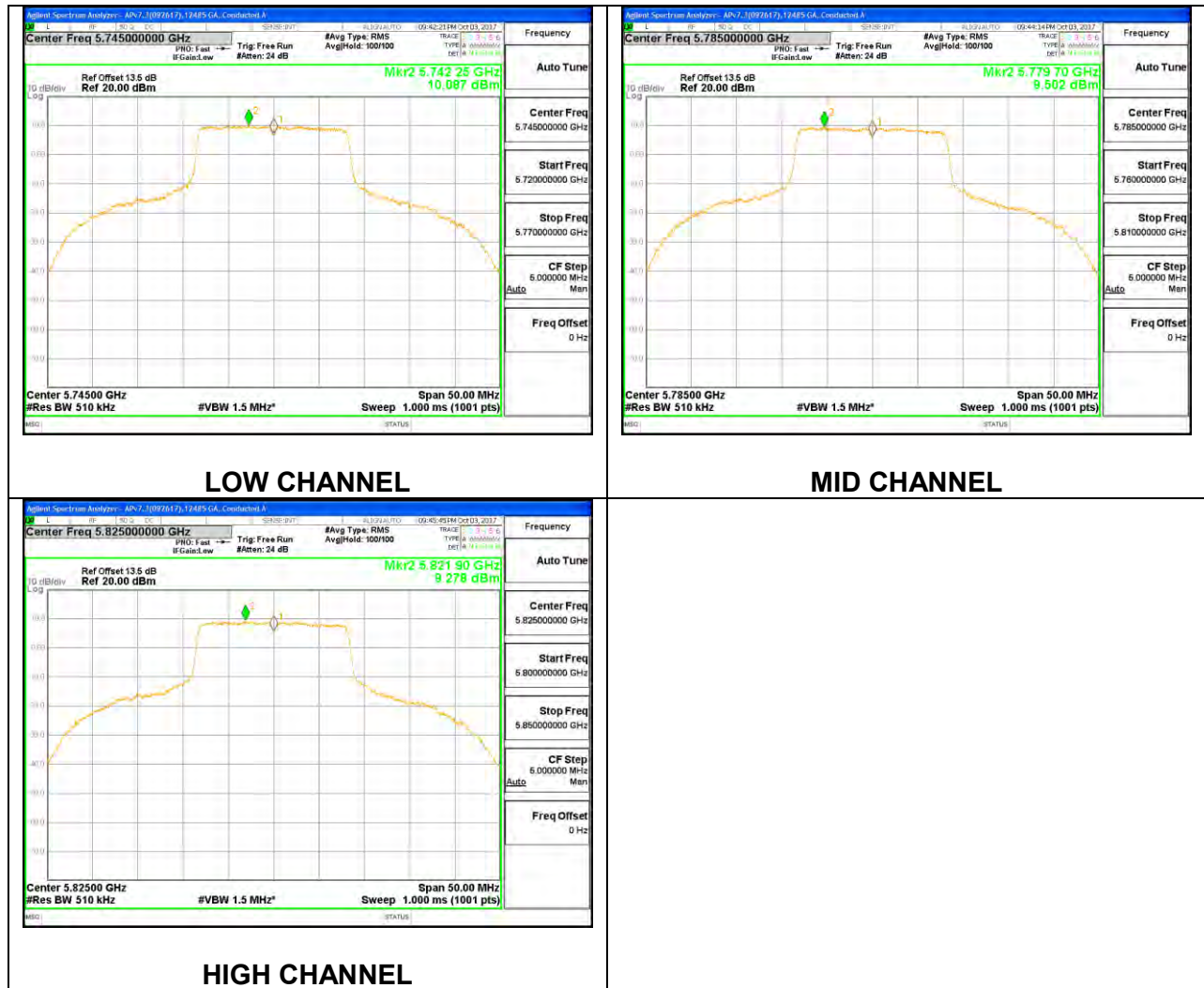
Duty Cycle CF (dB)	0.12	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

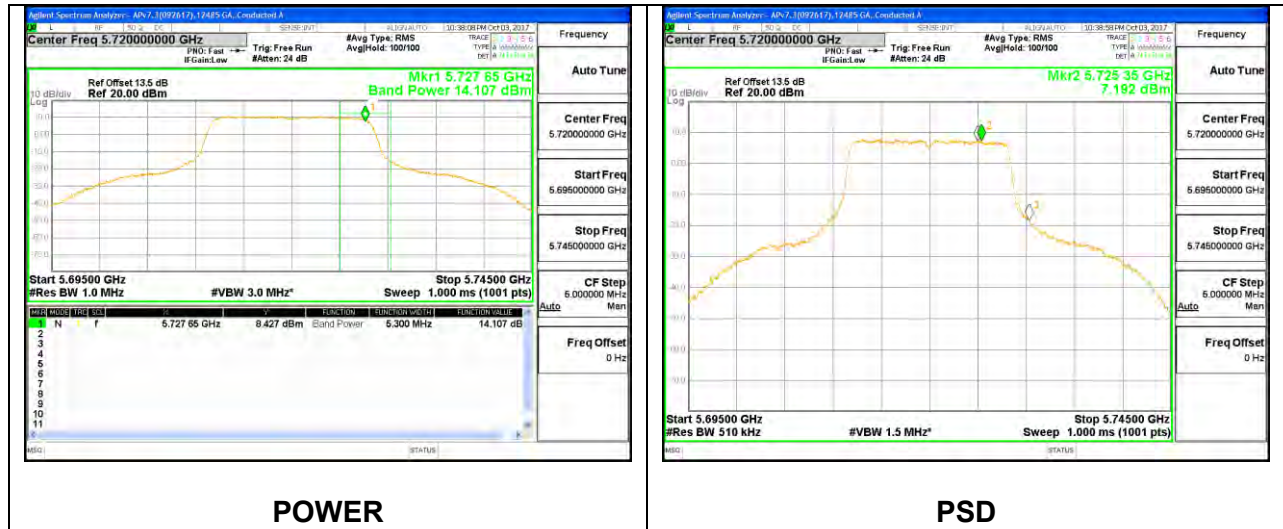
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	22.85	22.85	30.00	-7.15
Mid	5785	22.72	22.72	30.00	-7.28
High	5825	22.64	22.64	30.00	-7.36
144	5720	14.11	14.23	30.00	-15.77

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/500kHz)	Total Corr'd PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	PSD Margin (dB)
Low	5745	10.087	10.207	30.00	-19.79
Mid	5785	9.502	9.622	30.00	-20.38
High	5825	9.278	9.398	30.00	-20.60
144	5720	7.192	7.312	30.00	-22.69



CHANNEL 144



1TX Chain 1

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500kHz)
Low	5745	4.20	30.00	30.00
Mid	5785	4.20	30.00	30.00
High	5825	4.20	30.00	30.00
144	5720	4.20	30.00	30.00

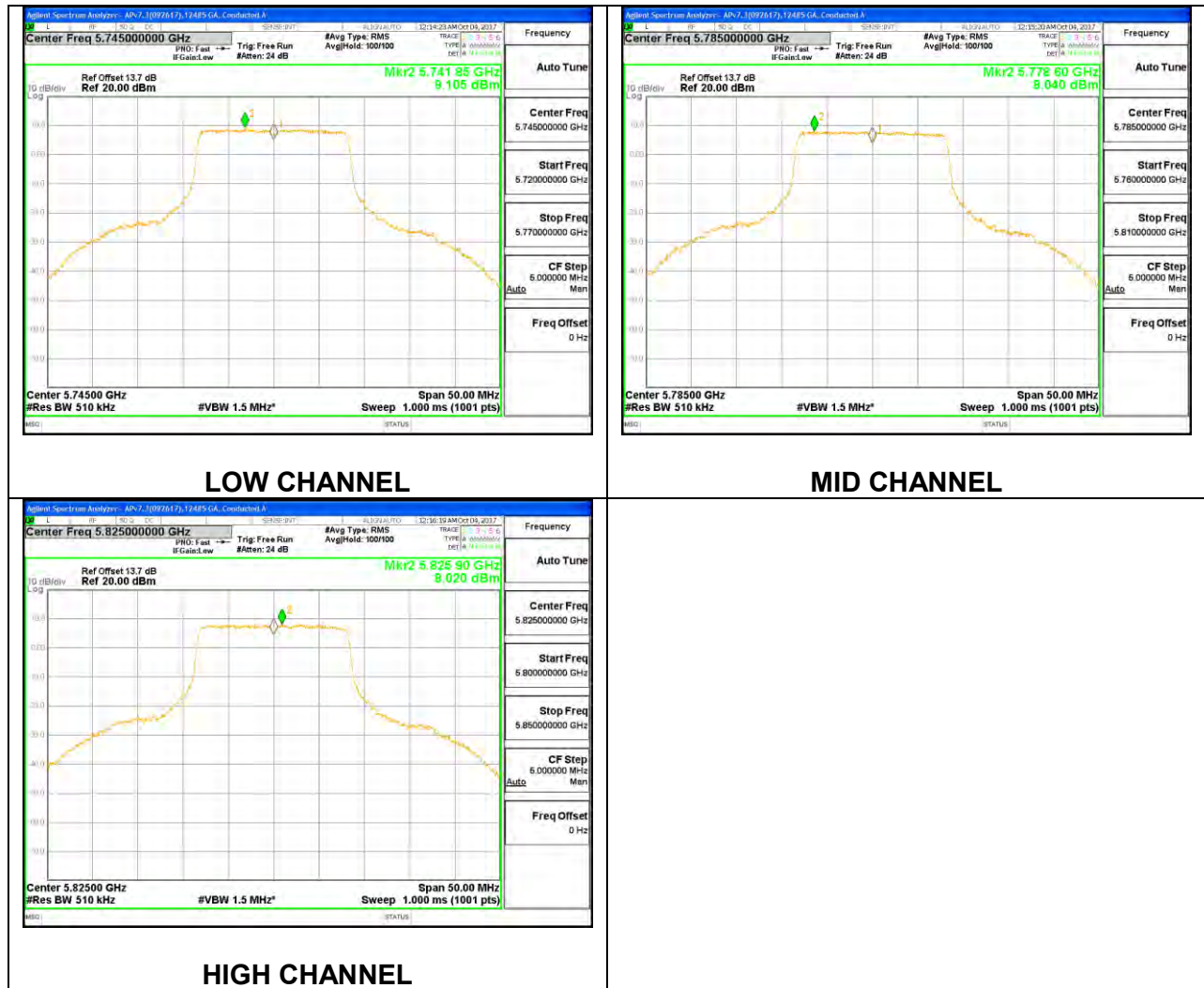
Duty Cycle CF (dB)	0.25	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

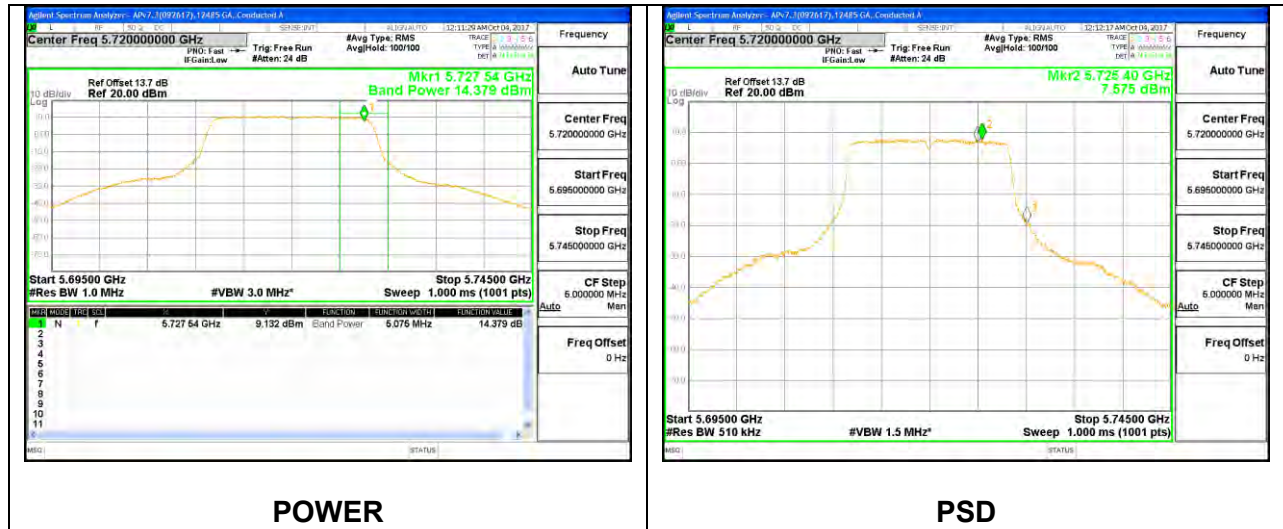
Channel	Frequency (MHz)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	22.32	22.32	30.00	-7.68
Mid	5785	21.97	21.97	30.00	-8.03
High	5825	22.18	22.18	30.00	-7.82
144	5720	14.38	14.63	30.00	-15.37

PSD Results

Channel	Frequency (MHz)	Chain 1 Meas PSD (dBm/500kHz)	Total Corr'd PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	PSD Margin (dB)
Low	5745	9.11	9.36	30.00	-20.65
Mid	5785	8.04	8.29	30.00	-21.71
High	5825	8.02	8.27	30.00	-21.73
144	5720	7.58	7.83	30.00	-22.18



CHANNEL 144



8.5.14. 802.11n HT20 MODE IN THE 5.8 GHz BAND

1TX Chain 0

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500kHz)
Low	5745	5.50	30.00	30.00
Mid	5785	5.50	30.00	30.00
High	5825	5.50	30.00	30.00
144	5720	5.50	30.00	30.00

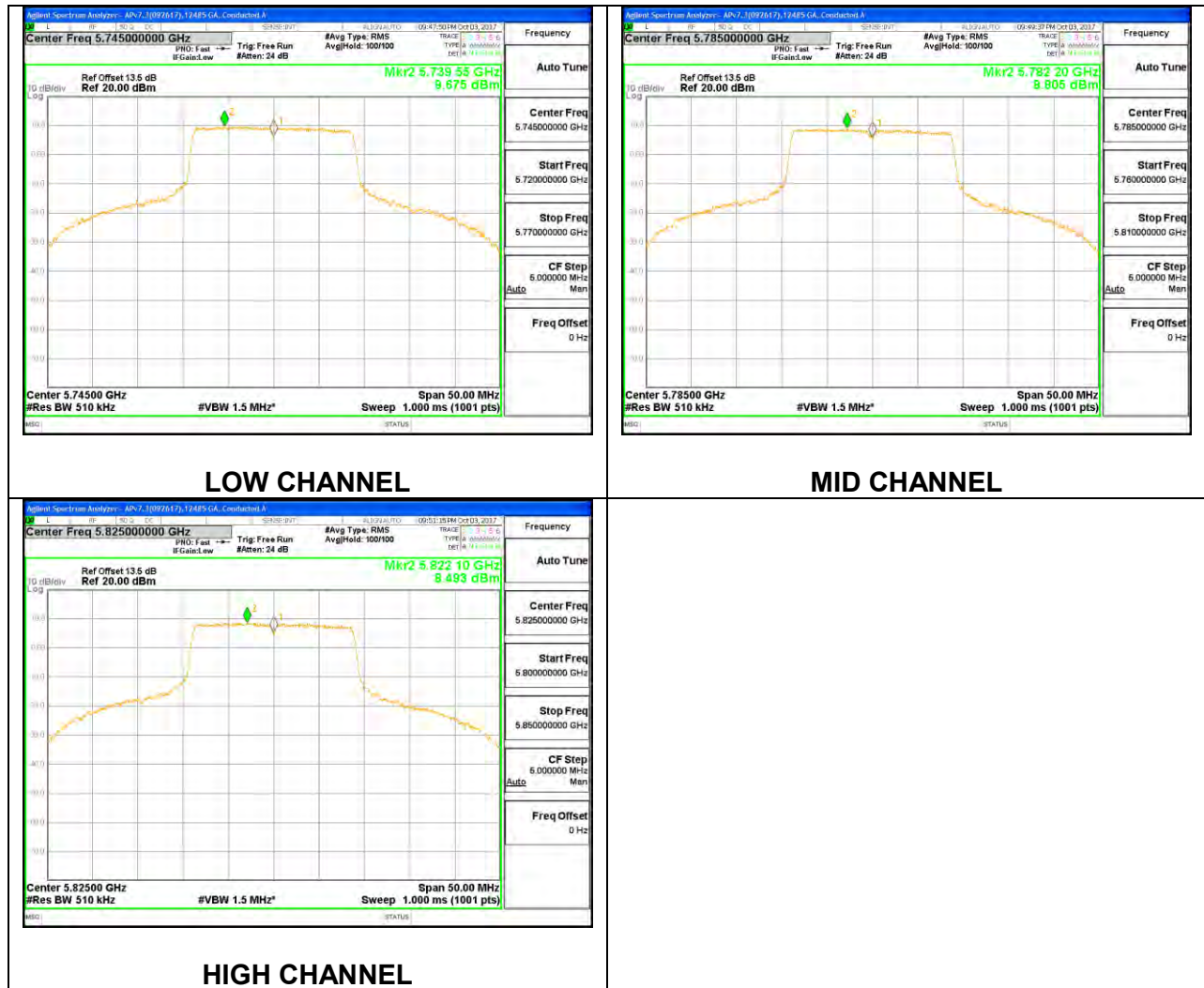
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

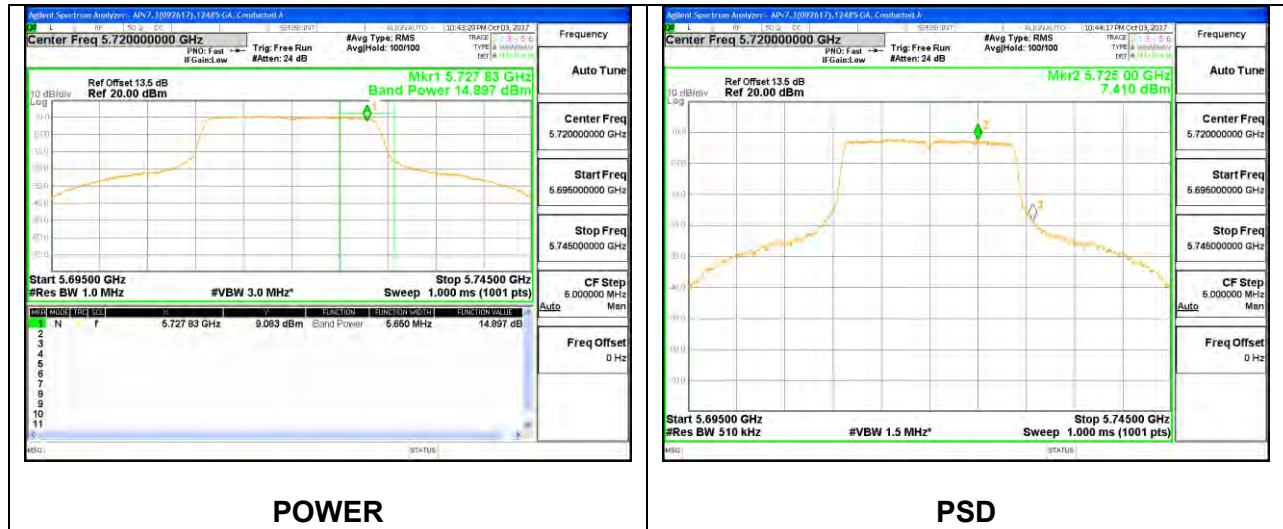
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	22.94	22.94	30.00	-7.06
Mid	5785	22.78	22.78	30.00	-7.22
High	5825	22.72	22.72	30.00	-7.28
144	5720	14.90	14.90	30.00	-15.10

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/500kHz)	Total Corr'd PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	PSD Margin (dB)
Low	5745	9.68	9.68	30.00	-20.33
Mid	5785	8.81	8.81	30.00	-21.20
High	5825	8.49	8.49	30.00	-21.51
144	5720	7.41	7.41	30.00	-22.59



CHANNEL 144



1TX Chain 1

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500kHz)
Low	5745	4.20	30.00	30.00
Mid	5785	4.20	30.00	30.00
High	5825	4.20	30.00	30.00
144	5720	4.20	30.00	30.00

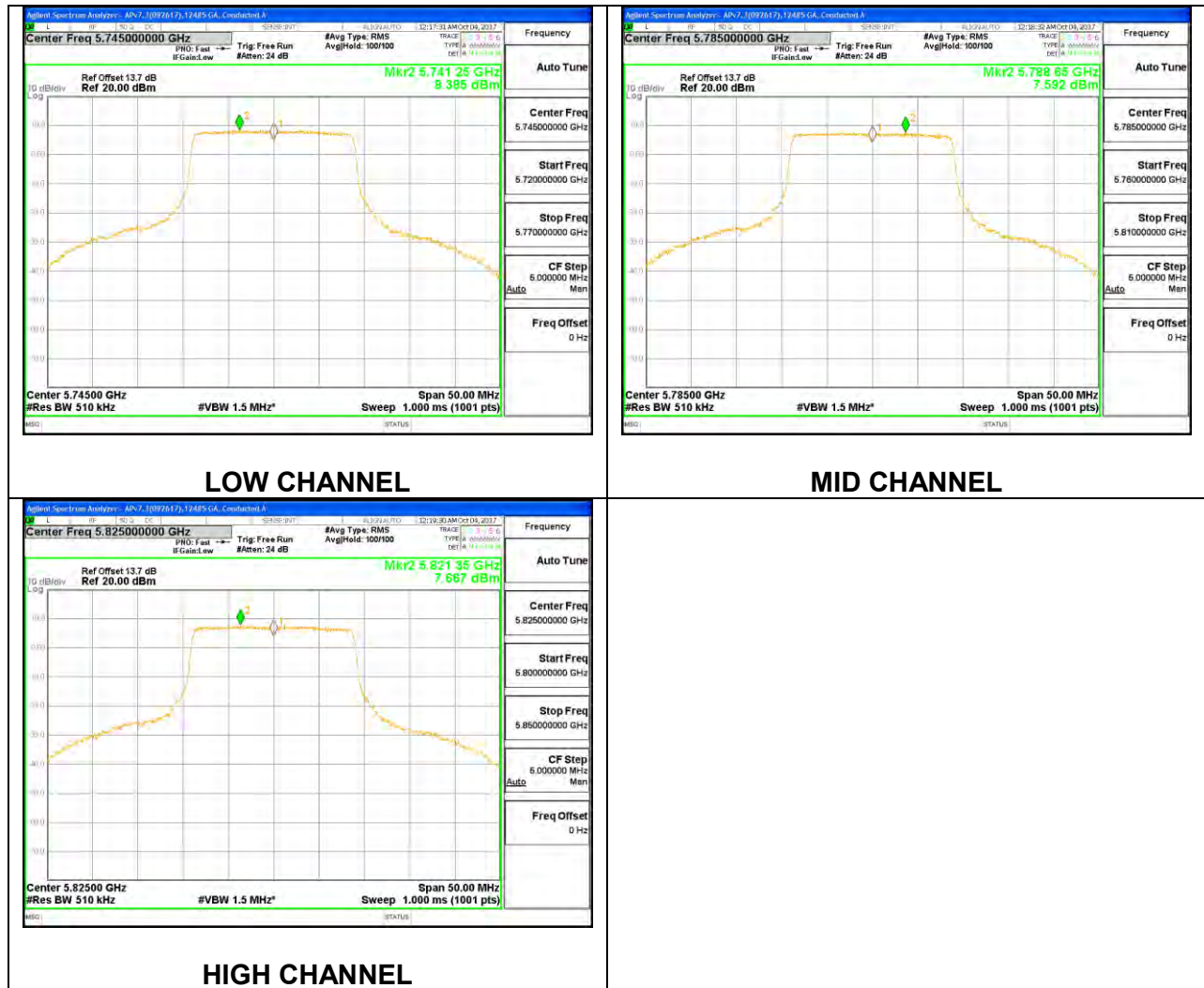
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

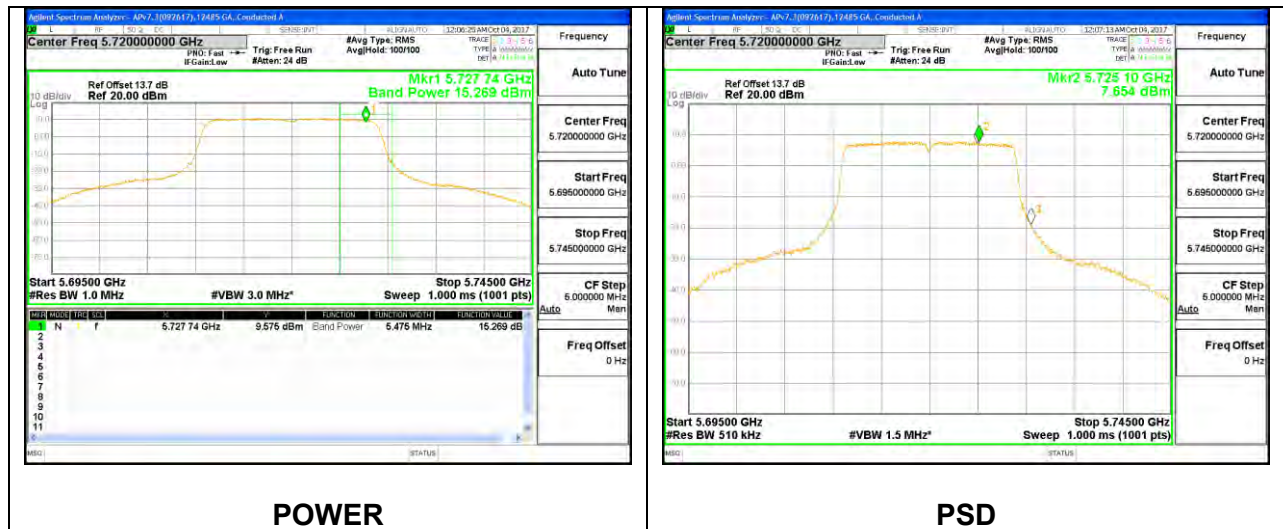
Channel	Frequency (MHz)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	22.17	22.17	30.00	-7.83
Mid	5785	21.82	21.82	30.00	-8.18
High	5825	21.98	21.98	30.00	-8.02
144	5720	15.29	15.29	30.00	-14.71

PSD Results

Channel	Frequency (MHz)	Chain 1 Meas PSD (dBm/500kHz)	Total Corr'd PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	PSD Margin (dB)
Low	5745	8.39	8.39	30.00	-21.62
Mid	5785	7.59	7.59	30.00	-22.41
High	5825	7.67	7.67	30.00	-22.33
144	5720	7.65	7.65	30.00	-22.35



CHANNEL 144



2TX Chain 0 + Chain 1 CDD MODE

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	Power Limit (dBm)	PSD Limit (dBm/500kHz)
Low	5745	4.90	7.88	30.00	28.12
Mid	5785	4.90	7.88	30.00	28.12
High	5825	4.90	7.88	30.00	28.12
144	5720	4.90	7.88	30.00	28.12

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

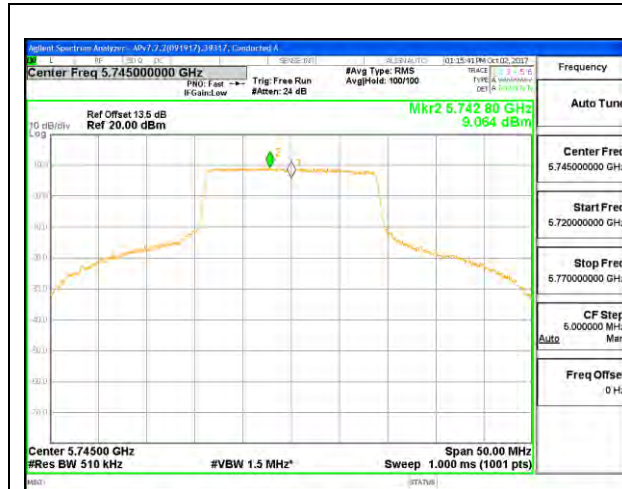
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	23.16	22.45	25.83	30.00	-4.17
Mid	5785	22.95	22.09	25.55	30.00	-4.45
High	5825	22.86	22.24	25.57	30.00	-4.43
144	5720	9.10	9.13	12.13	30.00	-17.87

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/500kHz)	Chain 1 Meas PSD (dBm/500kHz)	Total Corr'd PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	PSD Margin (dB)
Low	5745	9.064	8.737	11.914	28.12	-16.21
Mid	5785	8.624	8.234	11.444	28.12	-16.68
High	5825	8.317	7.894	11.121	28.12	-17.00
144	5720	1.170	1.231	4.211	28.12	-23.91

LOW CHANNEL

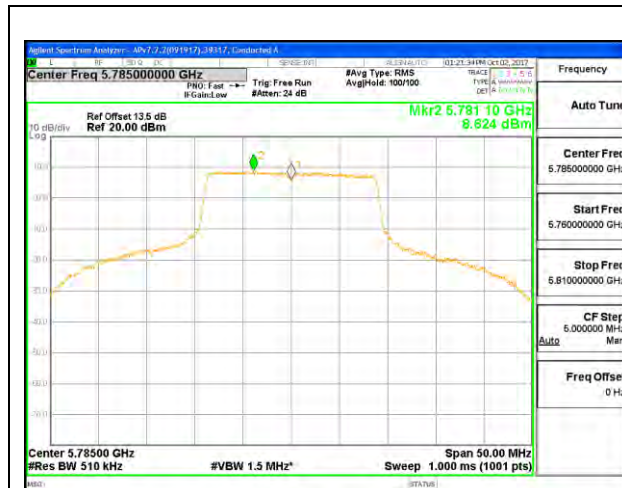


LOW CHANNEL CHAIN 0



LOW CHANNEL CHAIN 1

MID CHANNEL

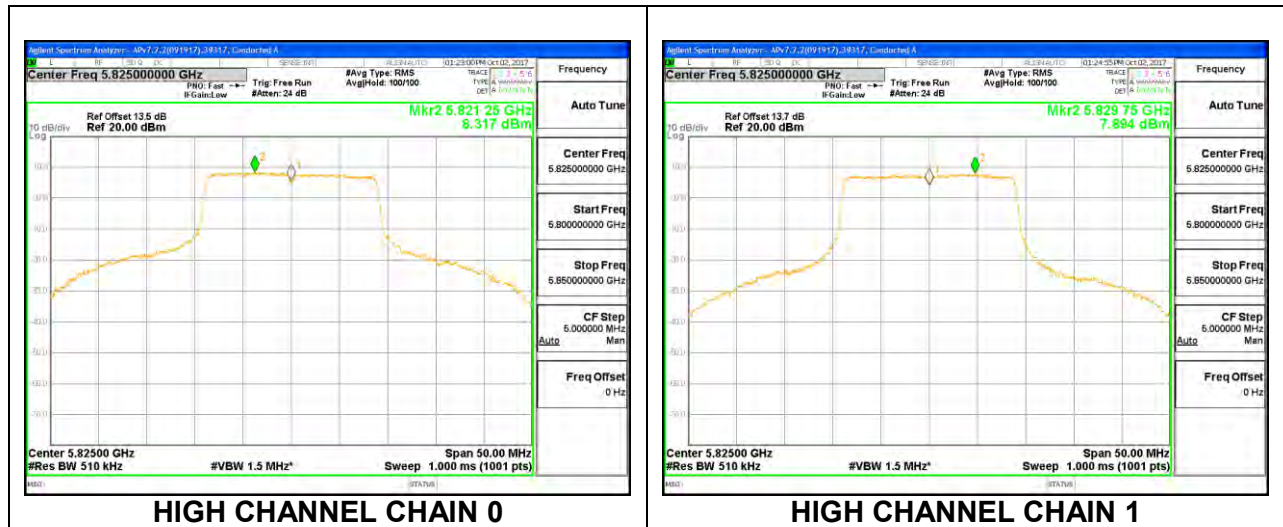


MID CHANNEL CHAIN 0

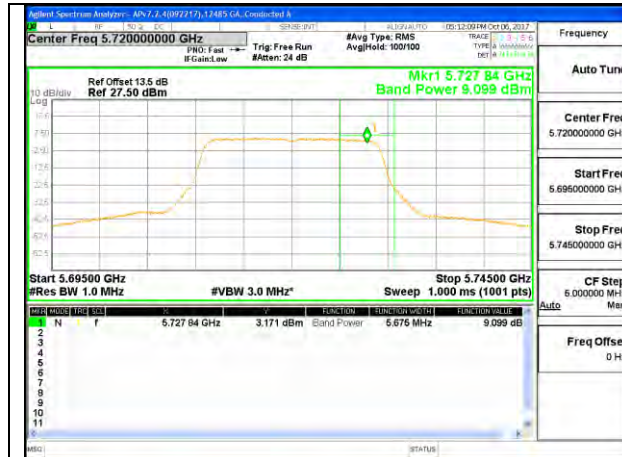


MID CHANNEL CHAIN 1

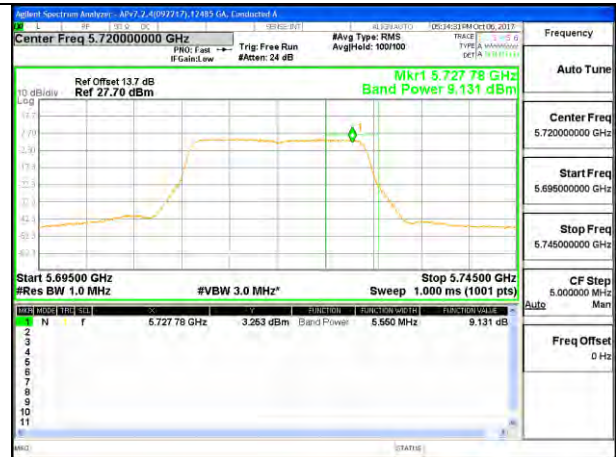
HIGH CHANNEL



CHANNEL 144



CHANNEL 144 CHAIN 0 (POWER)



CHANNEL 144 CHAIN 1 (POWER)



CHANNEL 144 CHAIN 0 (PSD)



CHANNEL 144 CHAIN 1 (PSD)

8.5.15. 802.11n HT40 MODE IN THE 5.8 GHz BAND

1TX Chain 0

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500kHz)
Low	5755	5.50	30.00	30.00
High	5795	5.50	30.00	30.00
142	5710	5.50	30.00	30.00

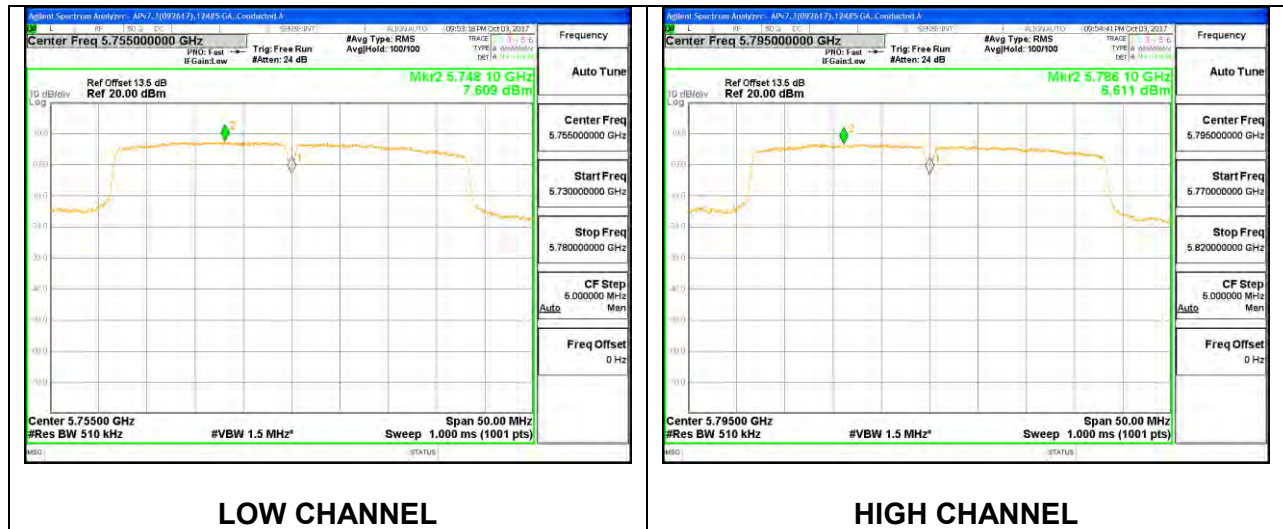
Duty Cycle CF (dB)	0.17	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

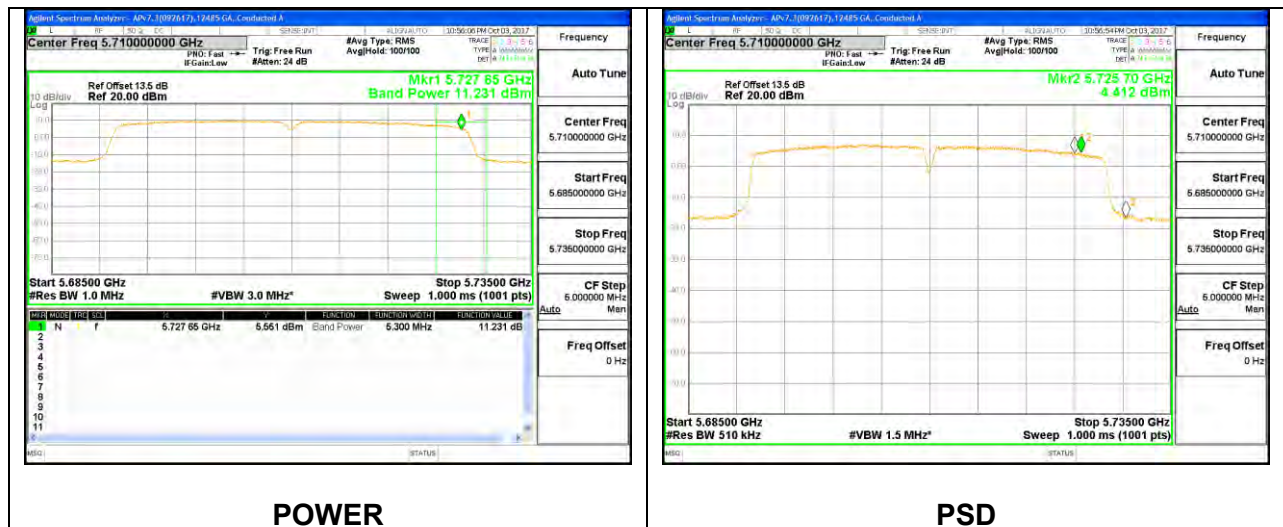
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	23.50	23.50	30.00	-6.50
High	5795	23.18	23.18	30.00	-6.82
142	5710	11.23	11.40	30.00	-18.60

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/500kHz)	Total Corr'd PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	PSD Margin (dB)
Low	5755	7.609	7.779	30.00	-22.22
High	5795	6.611	6.781	30.00	-23.22
142	5710	4.412	4.582	30.00	-25.42



CHANNEL 142



1TX Chain 1

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500kHz)
Low	5755	4.20	30.00	30.00
High	5795	4.20	30.00	30.00
142	5710	4.20	30.00	30.00

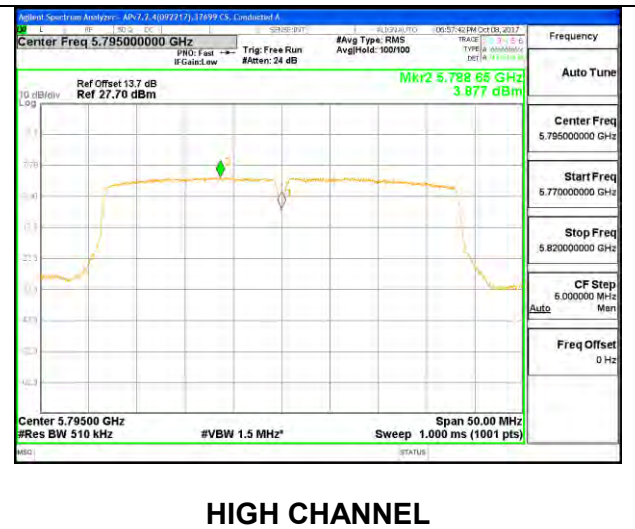
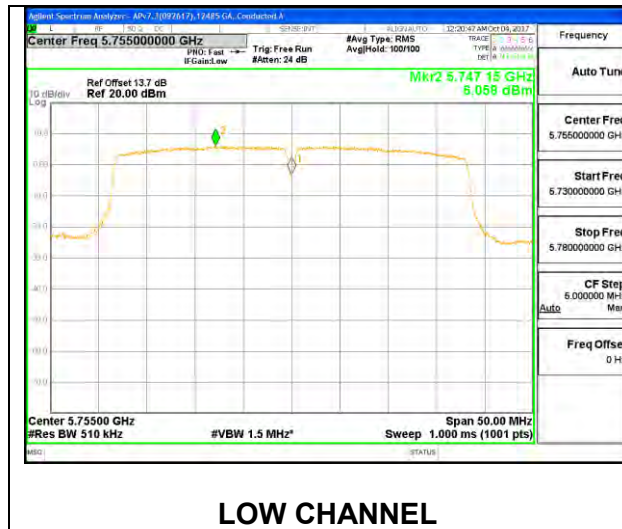
Duty Cycle CF (dB)	0.12	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

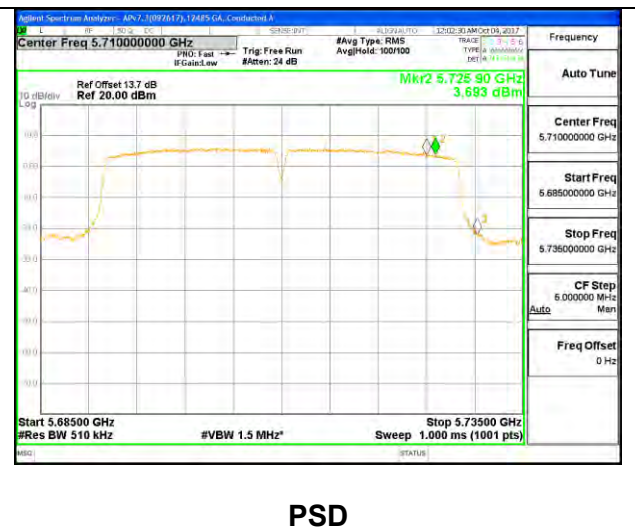
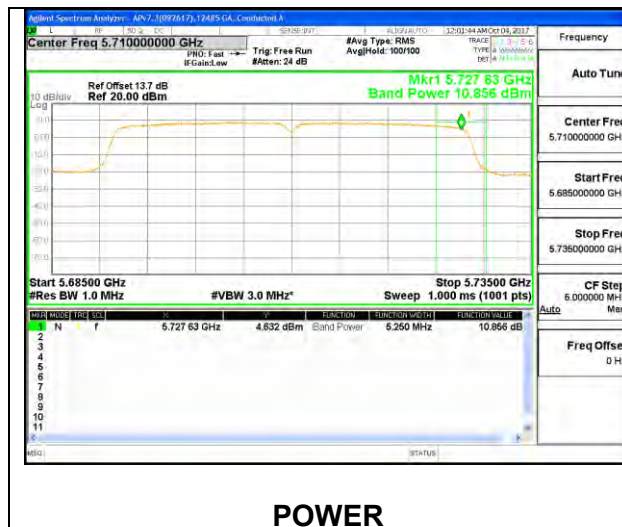
Channel	Frequency (MHz)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	22.56	22.56	30.00	-7.44
High	5795	22.39	22.39	30.00	-7.61
142	5710	10.86	10.98	30.00	-19.02

PSD Results

Channel	Frequency (MHz)	Chain 1 Meas PSD (dBm/500kHz)	Total Corr'd PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	PSD Margin (dB)
Low	5755	6.058	6.178	30.00	-23.82
High	5795	3.877	3.997	30.00	-26.00
142	5710	3.693	3.813	30.00	-26.19



CHANNEL 142



2TX Chain 0 + Chain 1 CDD MODE

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	Power Limit (dBm)	PSD Limit (dBm/500kHz)
Low	5755	4.90	7.88	30.00	28.12
High	5795	4.90	7.88	30.00	28.12
142	5710	4.90	7.88	30.00	28.12

Duty Cycle CF (dB)	0.14	Included in Calculations of Corr'd PSD
--------------------	------	--

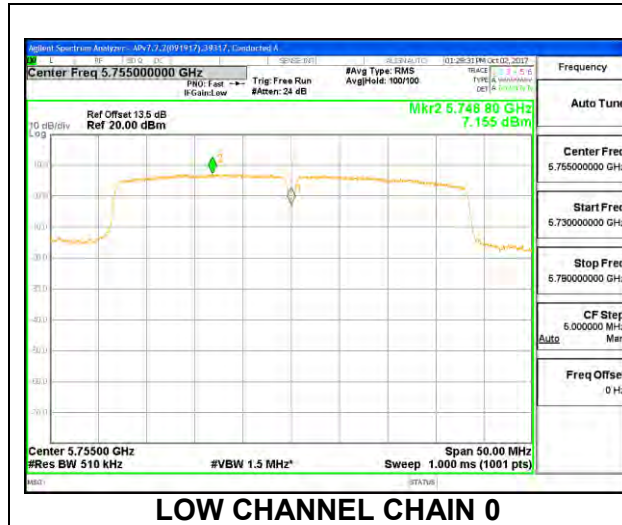
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	23.75	22.78	26.30	30.00	-3.70
High	5795	23.41	22.53	26.00	30.00	-4.00
142	5710	7.69	7.63	10.81	30.00	-19.19

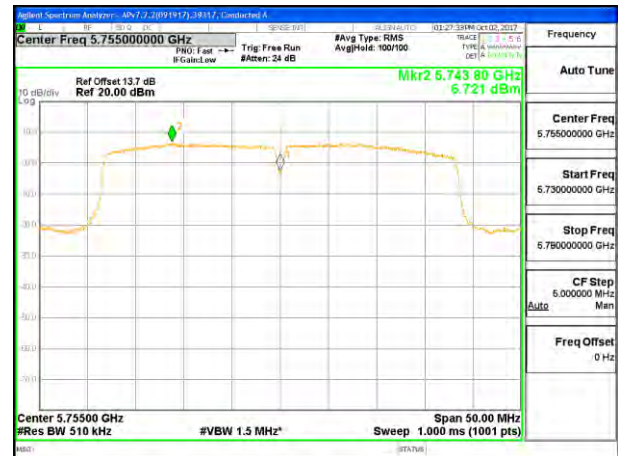
PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/500kHz)	Chain 1 Meas PSD (dBm/500kHz)	Total Corr'd PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	PSD Margin (dB)
Low	5755	7.155	6.721	10.09	28.12	-18.03
High	5795	6.306	5.827	9.22	28.12	-18.90
142	5710	0.907	1.018	4.11	28.12	-24.01

LOW CHANNEL

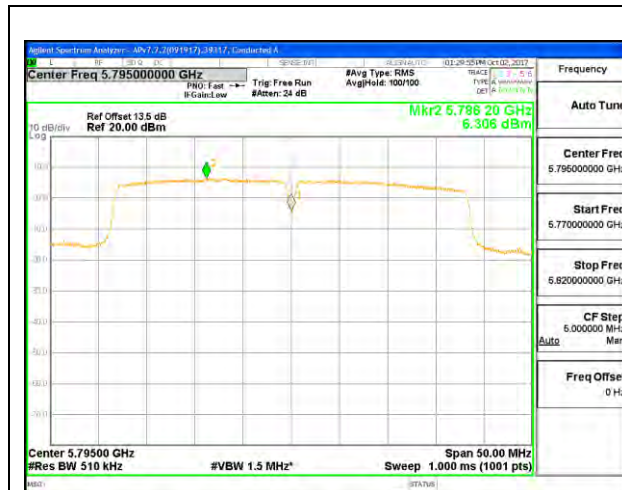


LOW CHANNEL CHAIN 0

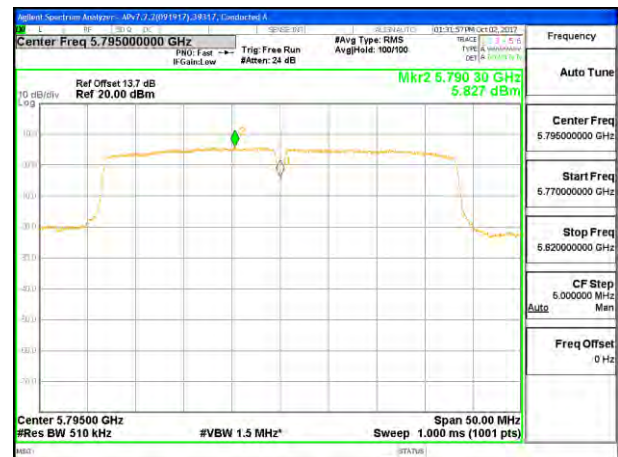


LOW CHANNEL CHAIN 1

HIGH CHANNEL

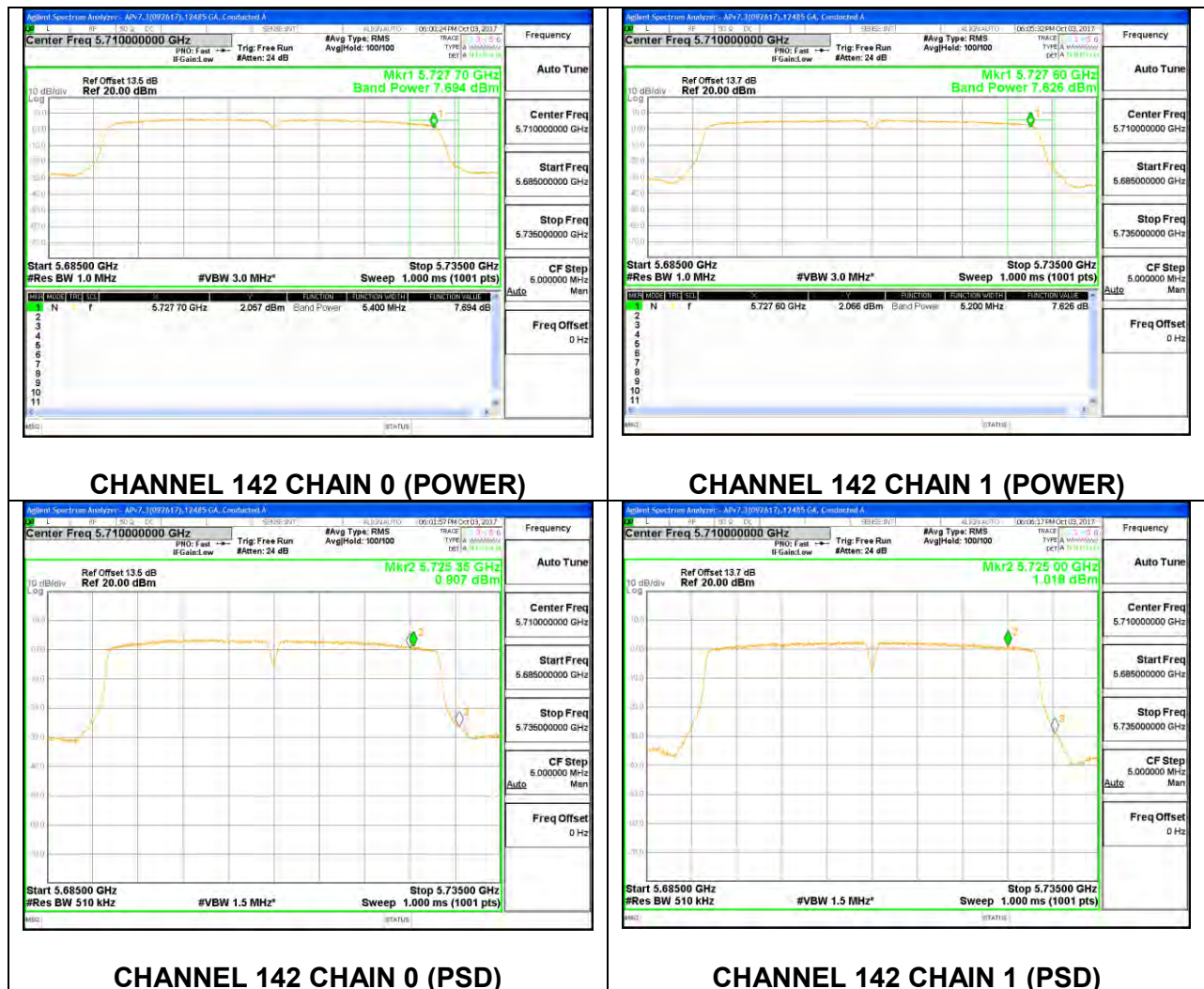


HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1

CHANNEL 142



8.5.16. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

1TX Chain 0

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500kHz)
Mid	5775	5.50	30.00	30.00
138	5690	5.50	30.00	30.00

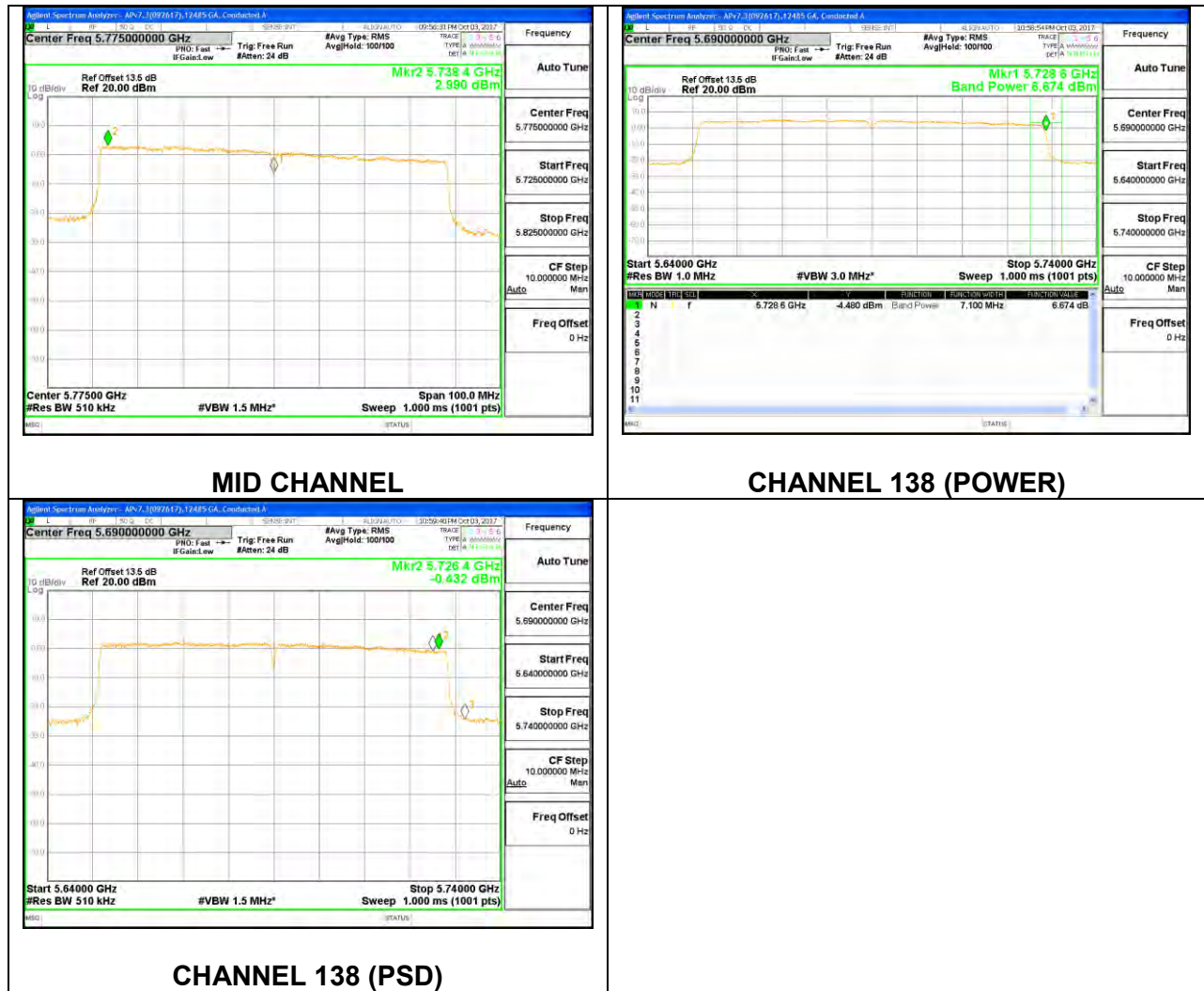
Duty Cycle CF (dB)	0.24	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.71	21.71	30.00	-8.29
138	5690	6.67	6.91	30.00	-23.09

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/500kHz)	Total Corr'd PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	PSD Margin (dB)
Mid	5775	2.990	3.230	30.00	-26.77
138	5690	-0.432	-0.192	30.00	-30.19



1TX Chain 1

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500kHz)
Mid	5775	4.20	30.00	30.00
138	5690	4.20	30.00	30.00

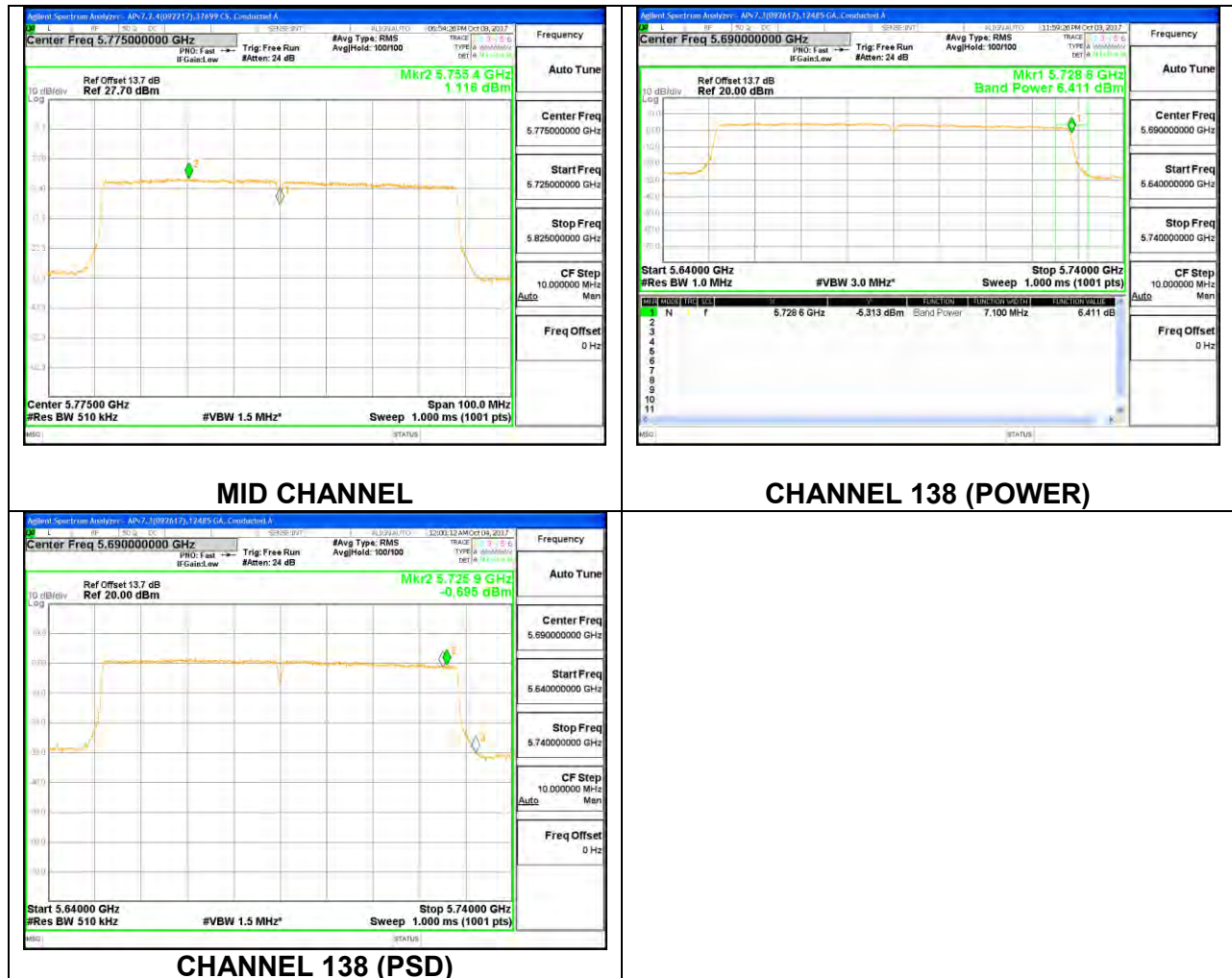
Duty Cycle CF (dB)	0.25	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.12	21.12	30.00	-8.88
138	5690	6.41	6.66	30.00	-23.34

PSD Results

Channel	Frequency (MHz)	Chain 1 Meas PSD (dBm/500kHz)	Total Corr'd PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	PSD Margin (dB)
Mid	5775	1.116	1.366	30.00	-28.63
138	5690	-0.695	-0.445	30.00	-30.45



2TX Chain 0 + Chain 1 CDD MODE

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	Power Limit (dBm)	PSD Limit (dBm/500kHz)
Mid	5755	4.90	7.88	30.00	28.12
138	5690	4.90	7.88	30.00	28.12

Duty Cycle CF (dB)	0.24	Included in Calculations of Corr'd PSD
--------------------	------	--

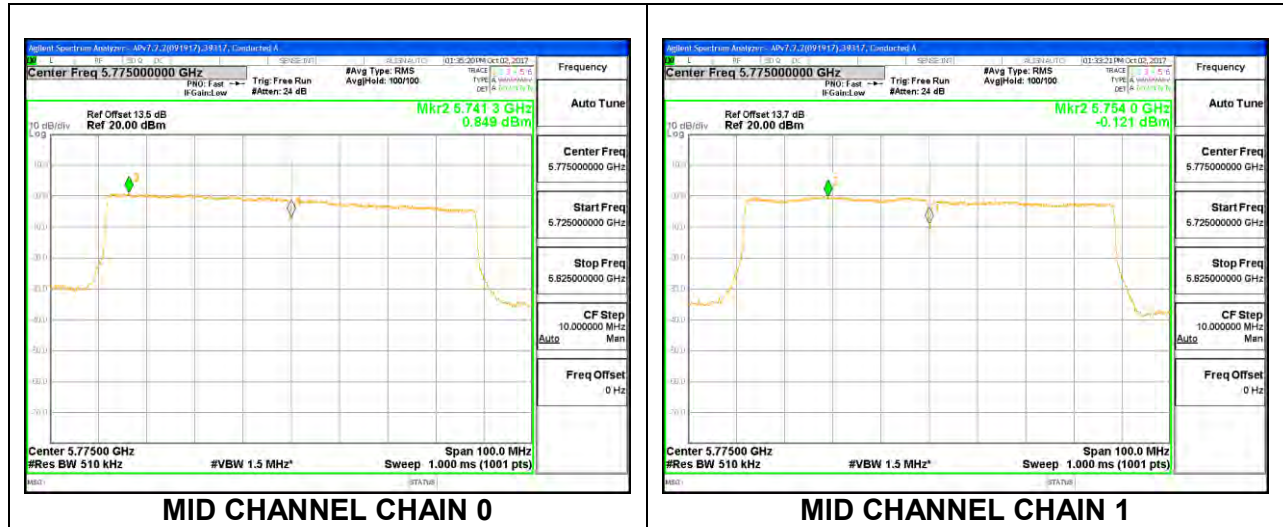
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	21.89	21.23	24.58	30.00	-5.42
138	5690	5.83	6.02	9.18	30.00	-20.82

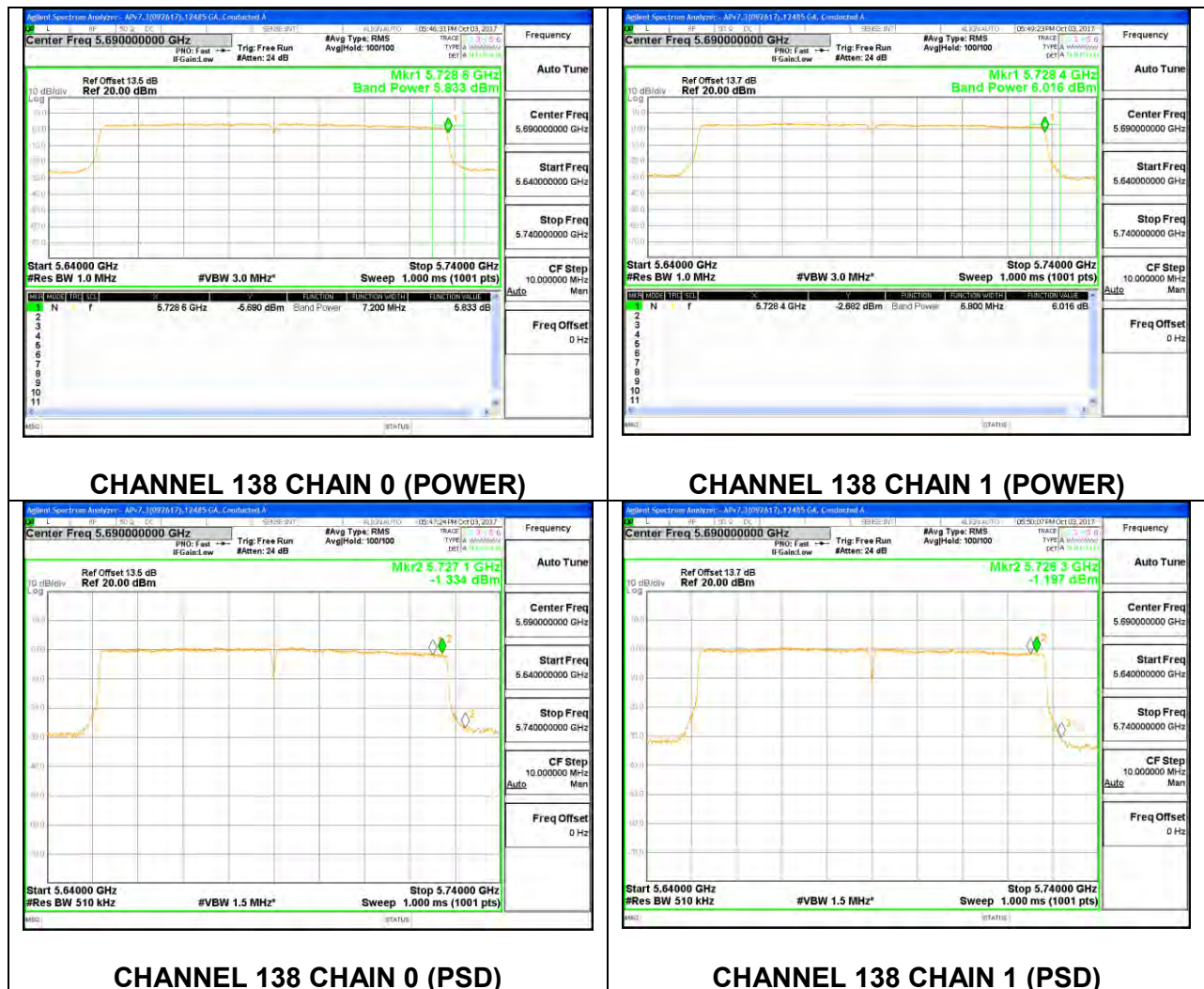
PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/500kHz)	Chain 1 Meas PSD (dBm/500kHz)	Total Corr'd PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	PSD Margin (dB)
Mid	5755	0.849	-0.121	3.641	28.12	-24.48
138	5690	-1.334	-1.197	1.985	28.12	-26.13

MID CHANNEL



CHANNEL 138



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
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.

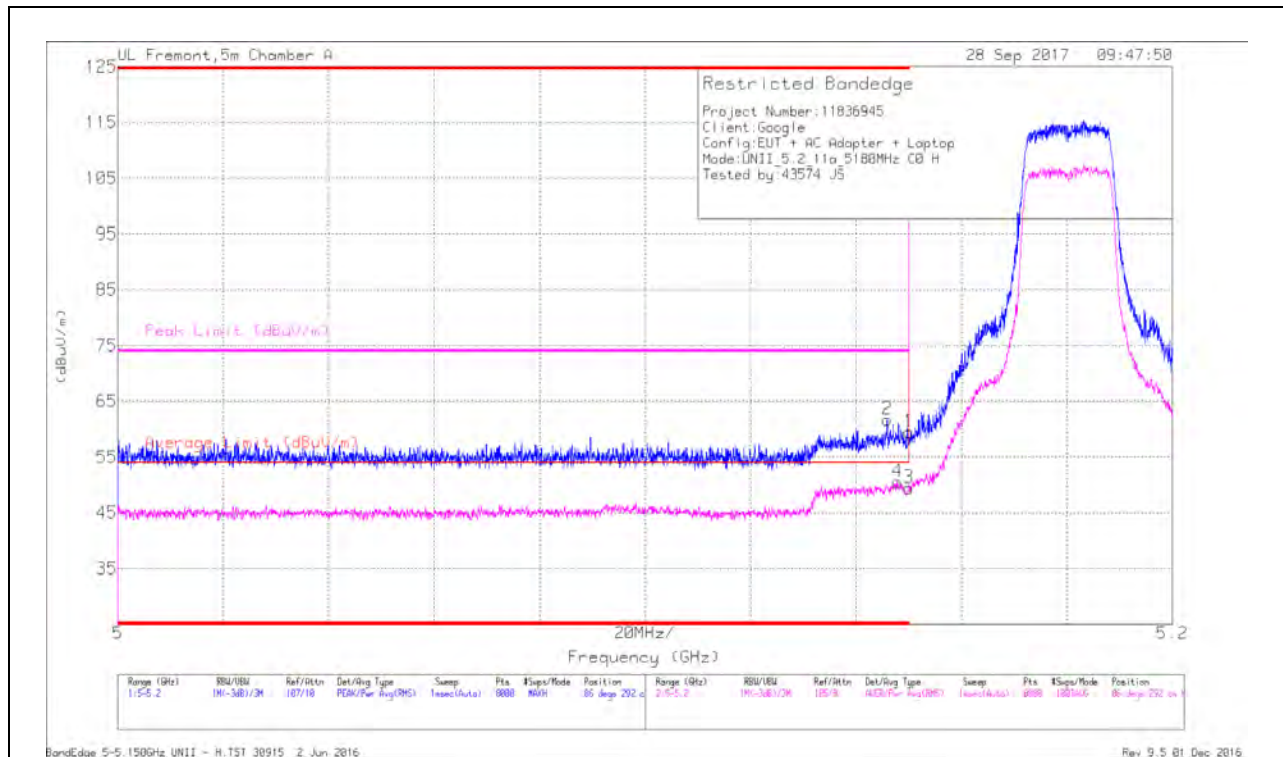
9.1. TRANSMITTER ABOVE 1 GHz

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

1TX Chain 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



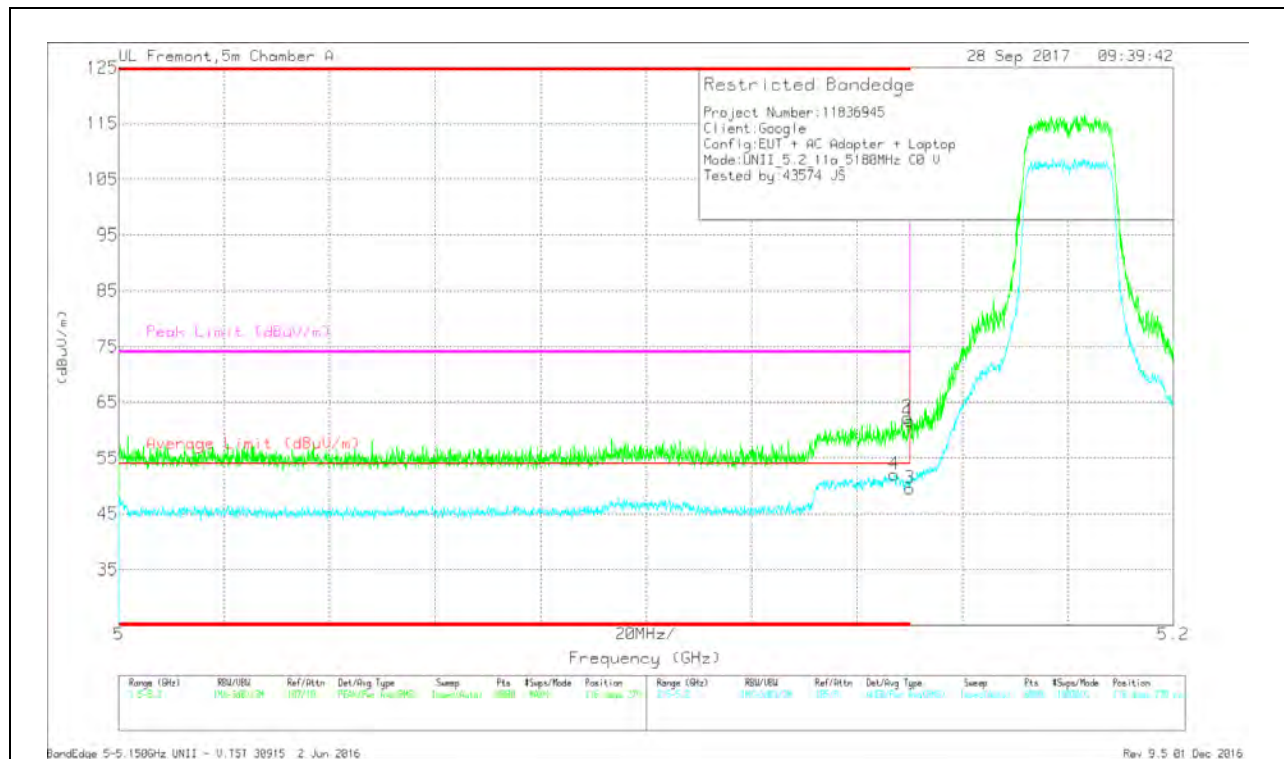
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T882 (dBm)	Amp/CbWftr/Pd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.146	45.26	Pk	34.4	-18	0	61.66	-	-	74	-12.34	86	292	H
4	* 5.148	34.02	RMS	34.4	-18	-12	50.54	54	-3.46	-	-	86	292	H
1	* 5.15	43.08	Pk	34.4	-18	0	59.48	-	-	74	-14.52	86	292	H
3	* 5.15	32.96	RMS	34.4	-18	-12	49.48	54	-4.52	-	-	86	292	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 T862 (dBm)	Amp/Cb/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degr)	Height (cm)	Polarity
4	* 5.147	35.56	RMS	34.4	-	.12	52.08	54	-1.92	-	-	116	279	V
1	* 5.15	45.29	Pk	34.4	-18	0	61.69	-	-	74	-12.31	116	279	V
2	* 5.15	45.82	Pk	34.4	-18	0	62.22	-	-	74	-11.78	116	279	V
3	* 5.15	33.03	RMS	34.4	-18	.12	49.55	54	-4.45	-	-	116	279	V

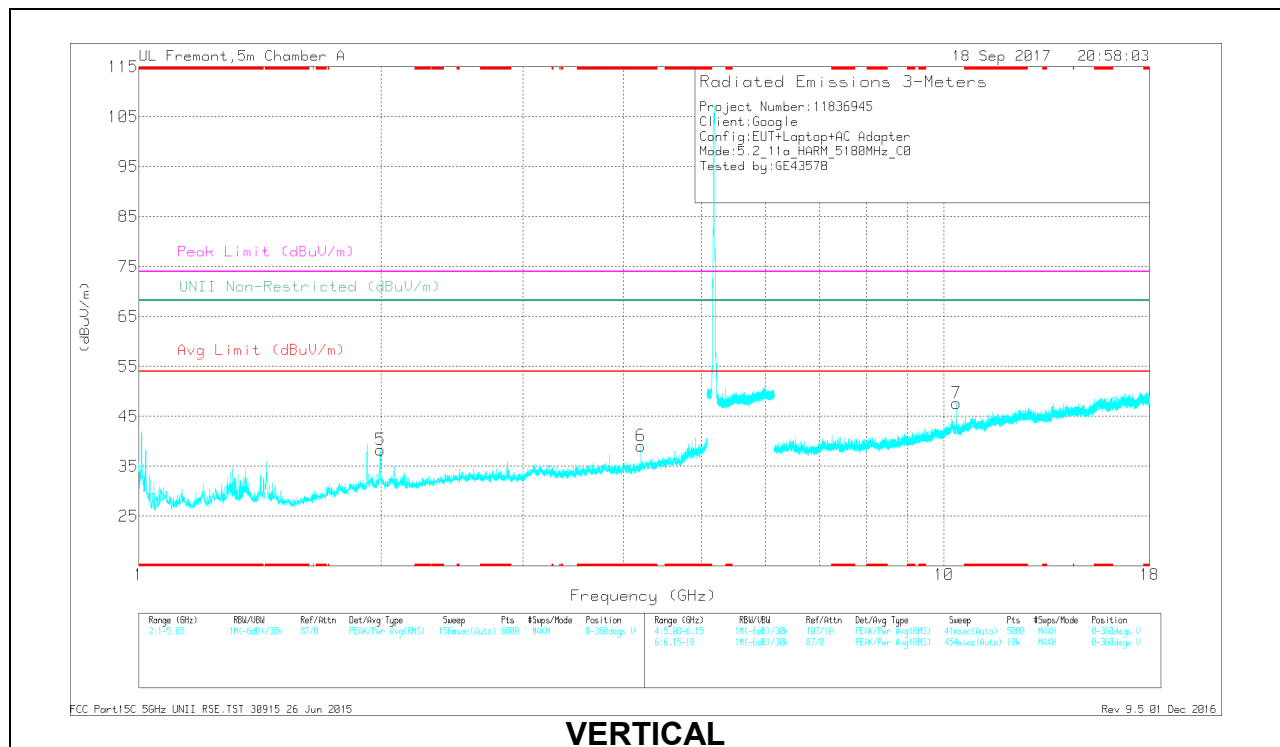
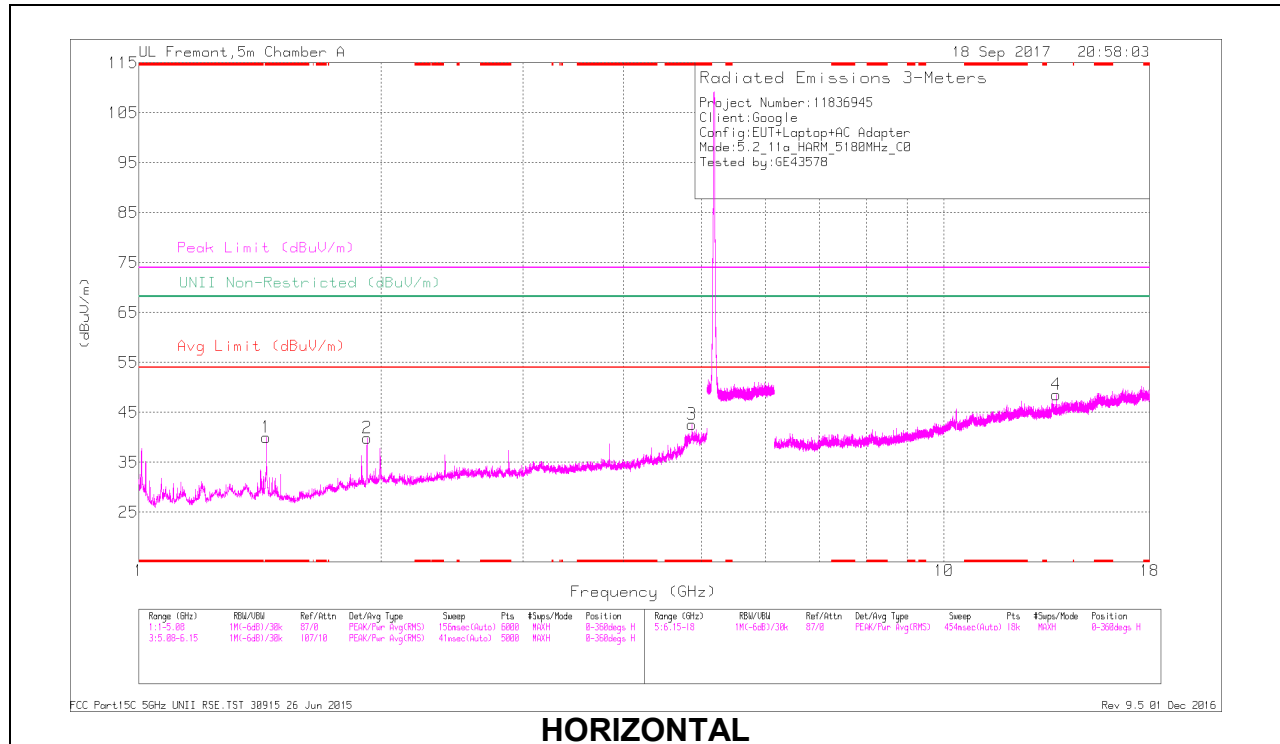
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

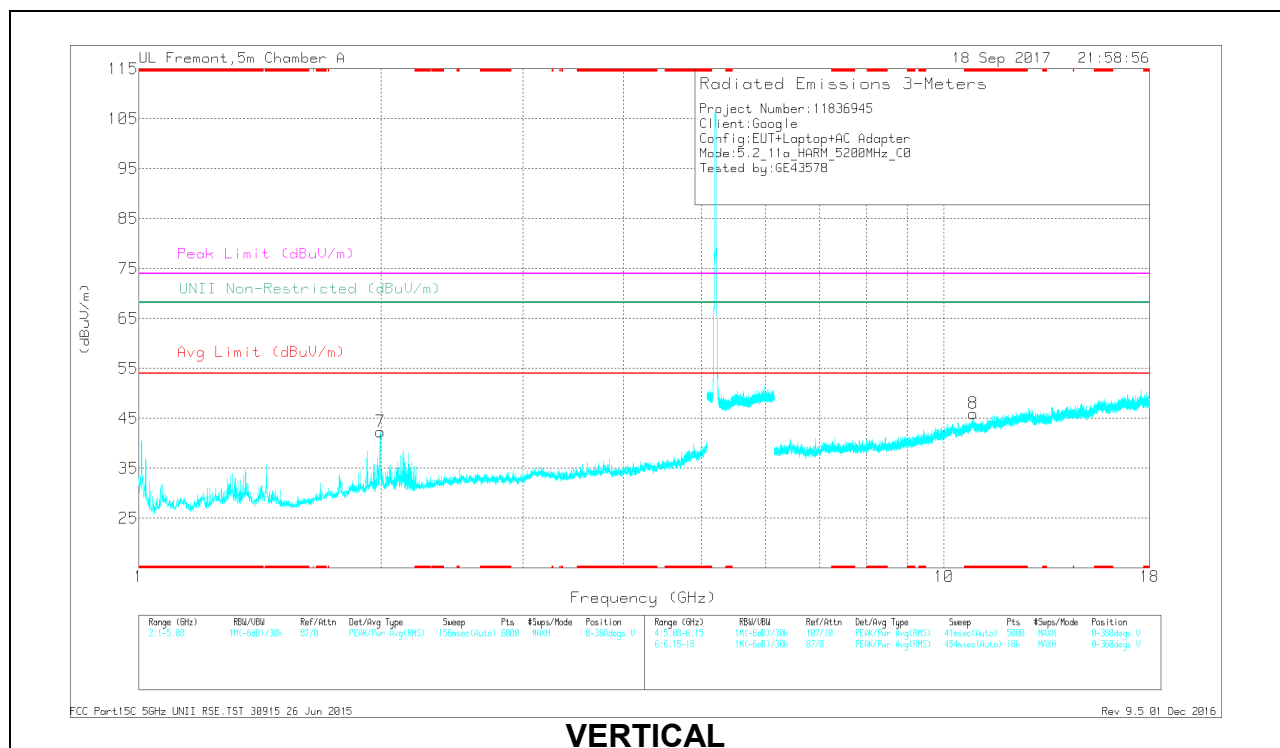
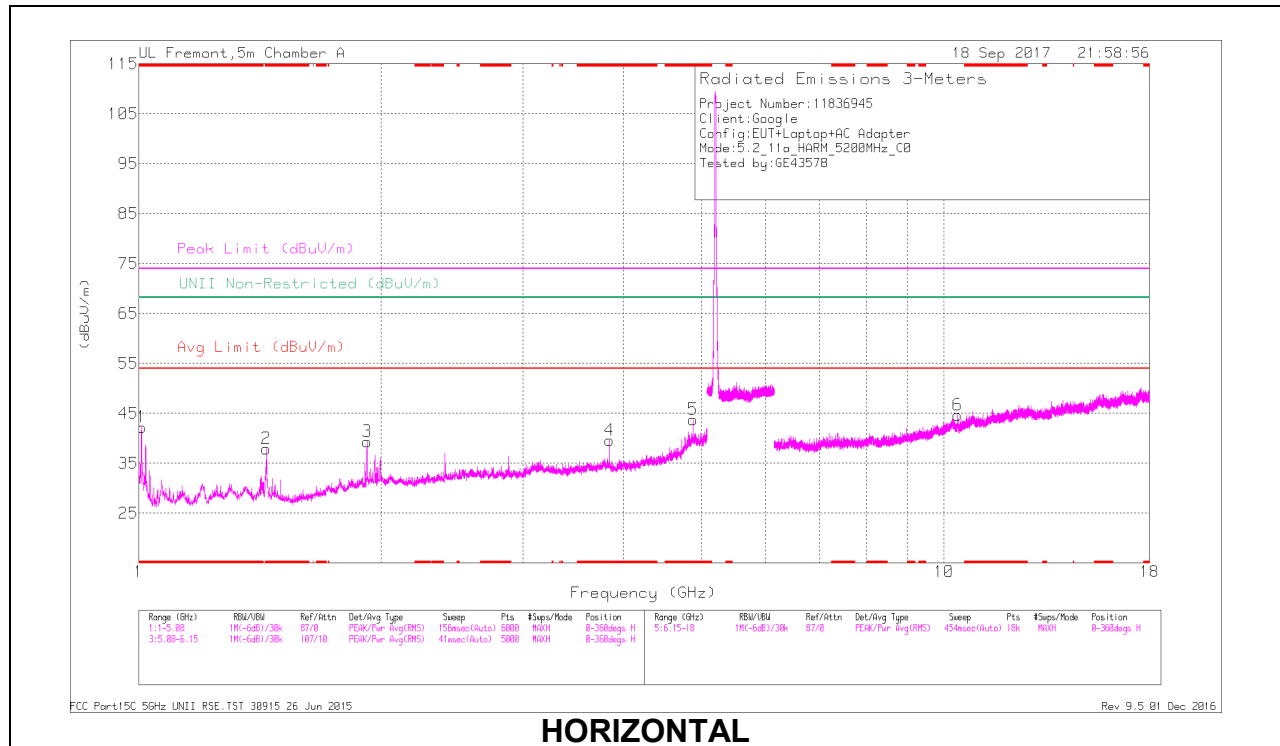
LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 1962 (dBm)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNR Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.44	51.92	PK-U	28.7	-32.6	0	48.02	-	-	74	-25.98	-	-	187	102	H
	* 1.44	41.68	ADR	28.7	-32.6	.12	37.88	54	-16.12	-	-	-	-	187	102	H
3	* 4.86	43.07	PK-U	34.1	-27.3	0	49.87	-	-	74	-24.13	-	-	226	247	H
	* 4.86	33.85	ADR	34.1	-27.3	.12	40.77	54	-13.23	-	-	-	-	226	247	H
6	* 4.199	37.54	PK-U	33.4	-28.6	0	42.34	-	-	74	-31.66	-	-	36	259	V
	* 4.2	25.49	ADR	33.4	-28.6	.12	30.41	54	-23.59	-	-	-	-	36	259	V
2	1.92	45.07	PK-U	31.2	-32.7	0	43.57	-	-	-	-	68.2	-24.63	0	199	H
5	1.994	51.17	PK-U	31.4	-31.9	0	50.67	-	-	-	-	68.2	-17.53	242	224	V
7	10.36	36.48	PK-U	37.5	-20.5	0	53.48	-	-	-	-	68.2	-14.72	302	113	V
4	13.797	33.2	PK-U	39.3	-19.8	0	52.7	-	-	-	-	68.2	-15.5	200	102	H

MID CHANNEL RESULTS



RADIATED EMISSIONS

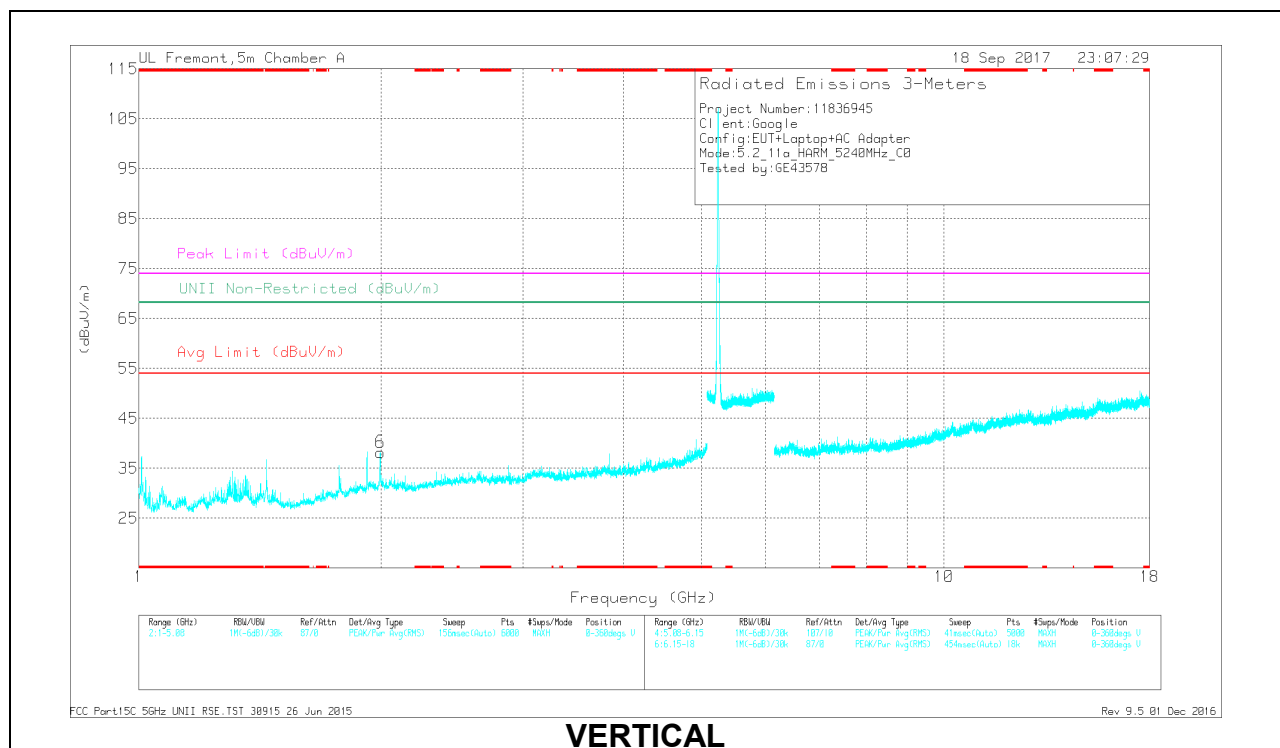
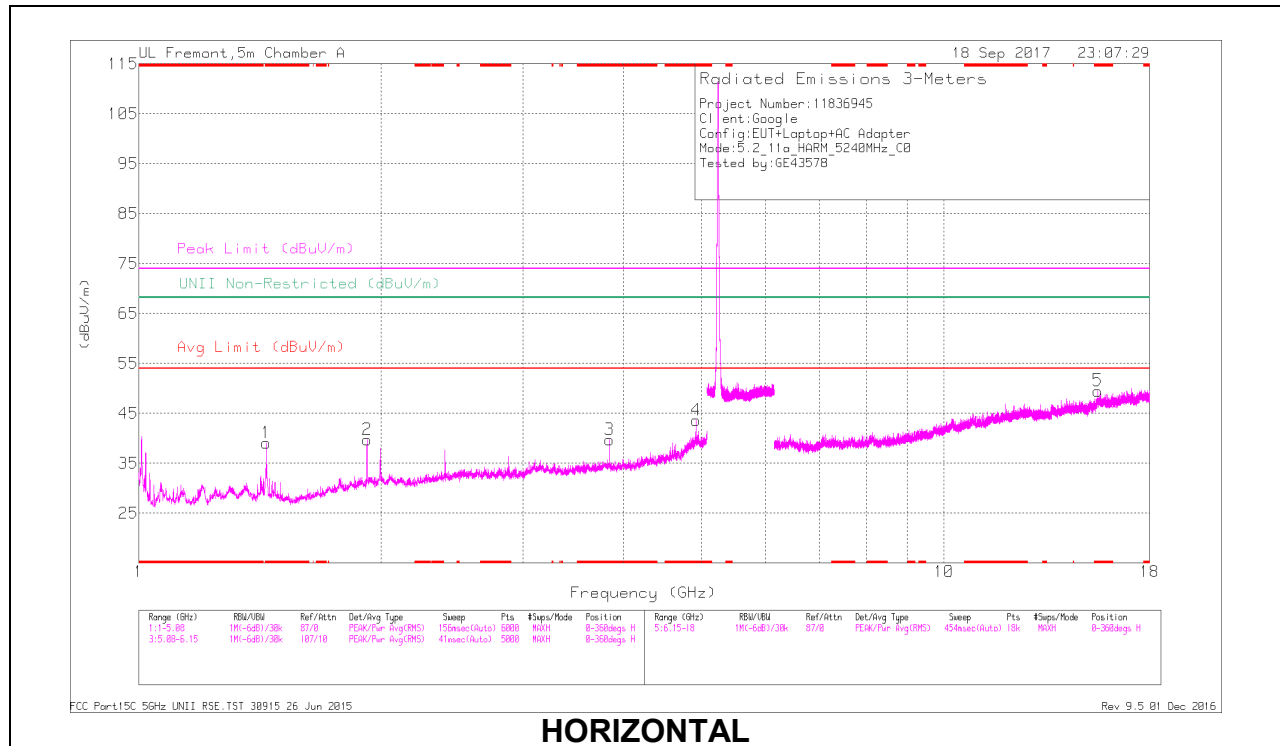
Marker	Frequency (GHz)	Meter Reading (dBμV)	Det	AF T662 (dB/m)	Amp/Cali/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBμV/m)	Avg Limit (dBμV/m)	Margin (dB)	Peak Limit (dBμV/m)	PK Margin (dB)	Unli Non-Restricted (dBμV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.008	53.65	PK-U	27.8	-33.5	0	47.95	-	-	74	-26.05	-	-	217	147	H
	* 1.008	45.2	ADR	27.8	-33.5	.12	39.62	54	-14.38	-	-	-	-	217	147	H
2	* 1.44	53.6	PK-U	28.7	-32.6	0	49.7	-	-	74	-24.3	-	-	141	232	H
	* 1.44	41.33	ADR	28.7	-32.6	.12	37.55	54	-16.45	-	-	-	-	141	232	H
4	* 3.84	40.66	PK-U	33	-29.1	0	44.56	-	-	74	-29.44	-	-	241	203	H
	* 3.84	33.77	ADR	33	-29.1	.12	37.79	54	-16.21	-	-	-	-	241	203	H
5	* 4.88	44.11	PK-U	34.1	-27.3	0	50.91	-	-	74	-23.09	-	-	225	201	H
	* 4.88	34.18	ADR	34.1	-27.3	.12	41.1	54	-12.9	-	-	-	-	225	201	H
8	* 10.866	32.7	PK-U	37.9	-18.9	0	51.7	-	-	74	-22.3	-	-	161	201	V
	* 10.866	20.11	ADR	37.9	-18.9	.12	39.23	54	-14.77	-	-	-	-	161	201	V
3	1.92	45.15	PK-U	31.2	-32.7	0	43.65	-	-	-	-	68.2	-24.55	2	203	H
7	1.996	53.39	PK-U	31.4	-31.8	0	52.99	-	-	-	-	68.2	-15.21	242	201	V
6	10.409	34.17	PK-U	37.6	-20.7	0	51.07	-	-	-	-	68.2	-17.13	45	201	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBμV)	Det	AF T662 (dB/m)	Amp/Cali/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBμV/m)	Avg Limit (dBμV/m)	Margin (dB)	Peak Limit (dBμV/m)	PK Margin (dB)	UNI Non-Restricted (dBμV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 1.44	52.49	PK-U	28.7	-32.6	0	48.59	-	-	74	-25.41	-	-	189	102	H
	* 1.44	41.82	ADR	28.7	-32.6	.12	38.04	54	-15.96	-	-	-	-	189	102	H
3	* 3.84	41.14	PK-U	33	-29.1	0	45.04	-	-	74	-28.96	-	-	243	201	H
	* 3.84	33.59	ADR	33	-29.1	.12	37.61	54	-16.39	-	-	-	-	243	201	H
4	* 4.92	41.91	PK-U	34.1	-27	0	49.01	-	-	74	-24.99	-	-	214	107	H
	* 4.92	33.01	ADR	34.1	-27	.12	40.23	54	-13.77	-	-	-	-	214	107	H
5	* 15.525	32.35	PK-U	40	-17.1	0	55.25	-	-	74	-18.75	-	-	100	102	H
	* 15.524	20.22	ADR	40	-17.1	.12	43.24	54	-10.76	-	-	-	-	100	102	H
2	1.92	45.24	PK-U	31.2	-32.7	0	43.74	-	-	-	-	69.2	-24.46	0	199	H
6	1.994	50.44	PK-U	31.4	-31.9	0	49.94	-	-	-	-	69.2	-18.26	241	234	V

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

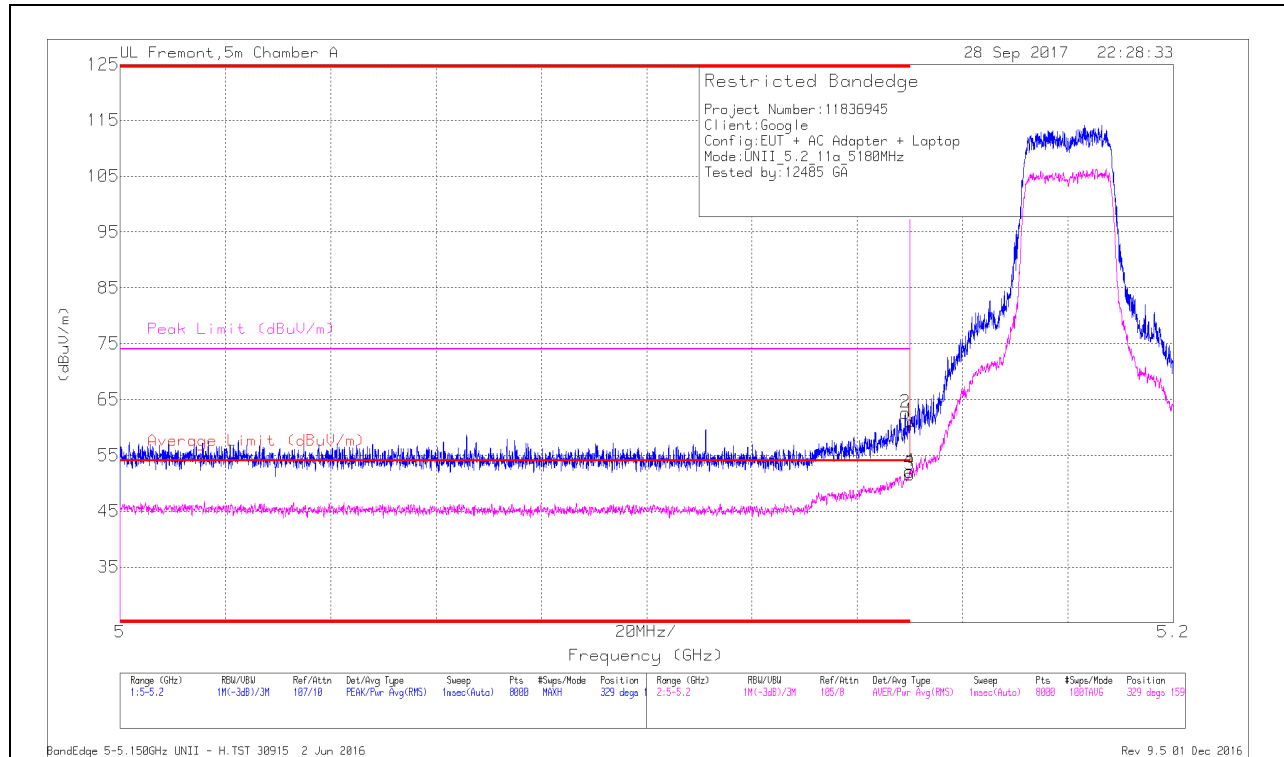
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

1TX Chain 1

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



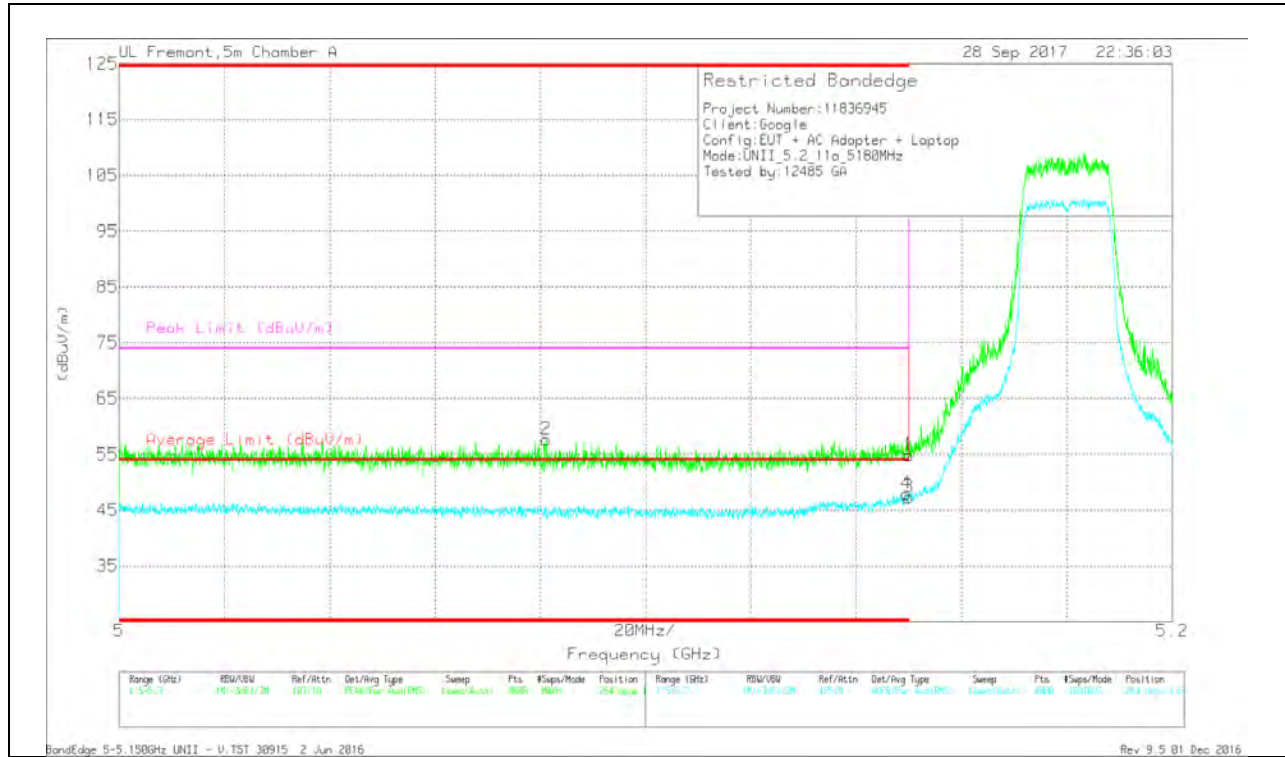
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T662 (dBm)	Amp/CbI/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.149	46.21	Pk	34.4	-18	0	62.61	-	-	74	-11.39	329	159	H
1	* 5.15	44.71	Pk	34.4	-18	0	61.11	-	-	74	-12.89	329	159	H
3	* 5.15	35.03	RMS	34.4	-18	.14	51.57	54	-2.43	-	-	329	159	H
4	* 5.15	35.57	RMS	34.4	-18	.14	52.11	54	-1.89	-	-	329	159	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 T862 (dBm)	Amp/CbI/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Dege)	Height (cm)	Polarity
2	* 5.081	41.15	Pk	34.4	-17.9	0	57.65	-	-	74	-16.35	264	135	V
4	* 5.149	31.37	RMS	34.4	-18	.14	47.91	54	-6.09	-	-	264	135	V
1	* 5.15	38.45	Pk	34.4	-18	0	54.85	-	-	74	-19.15	264	135	V
3	* 5.15	30.8	RMS	34.4	-18	.14	47.34	54	-6.66	-	-	264	135	V

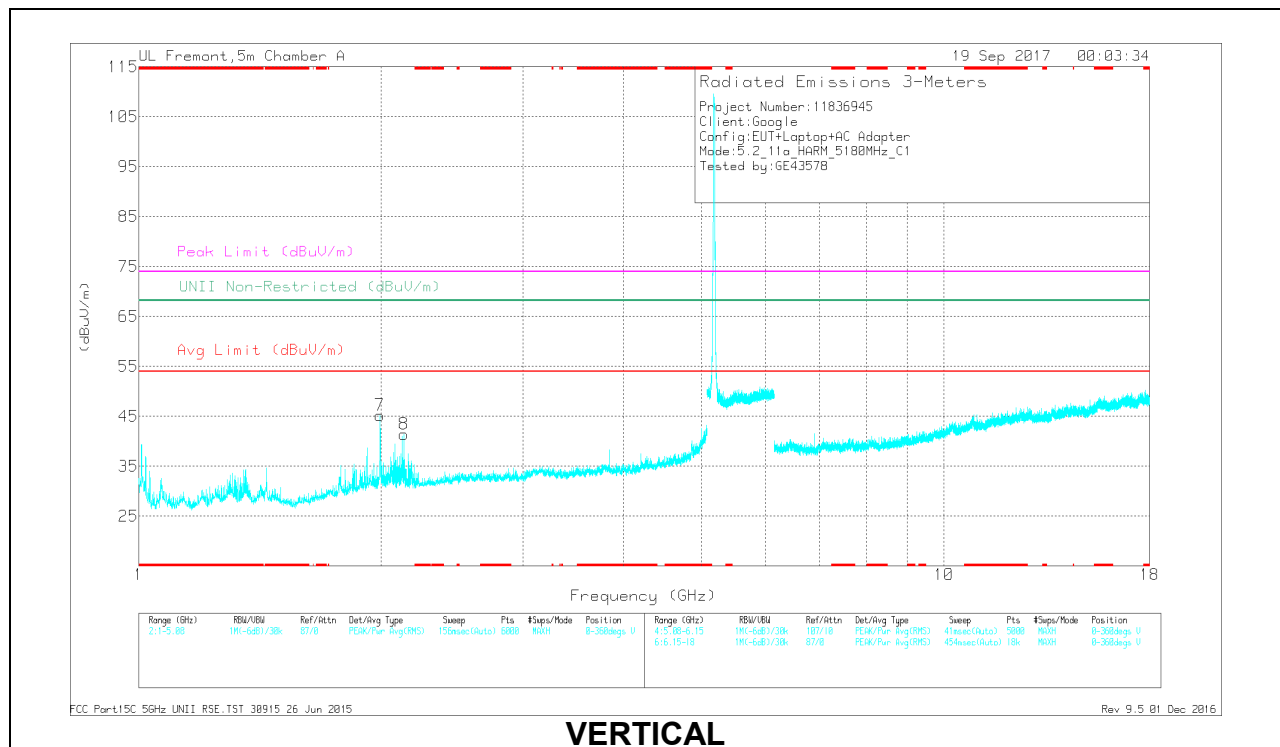
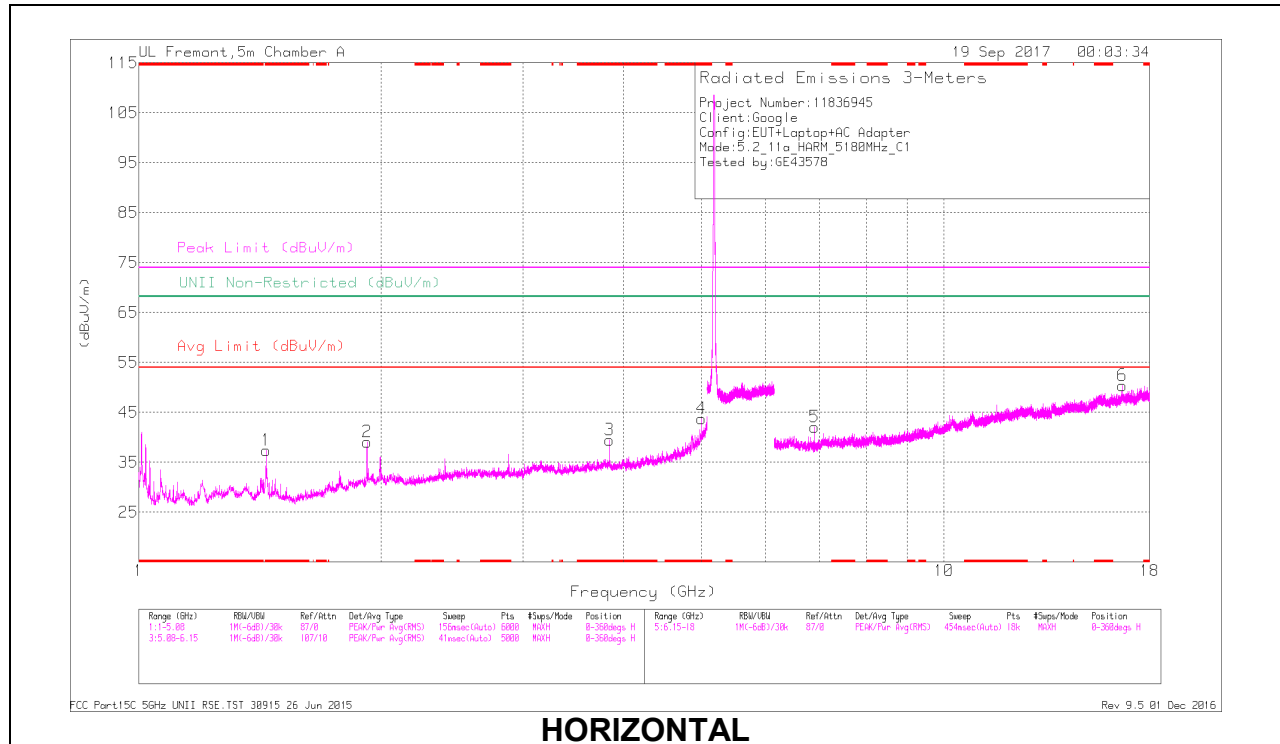
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

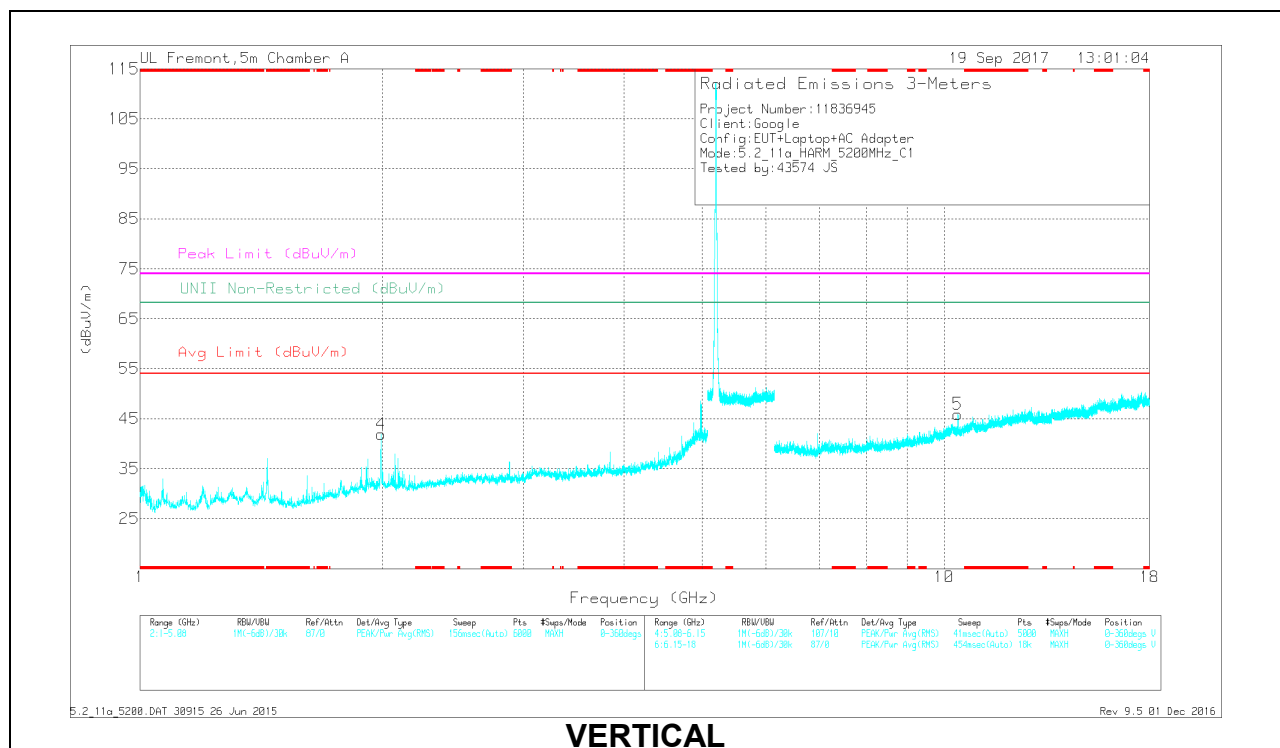
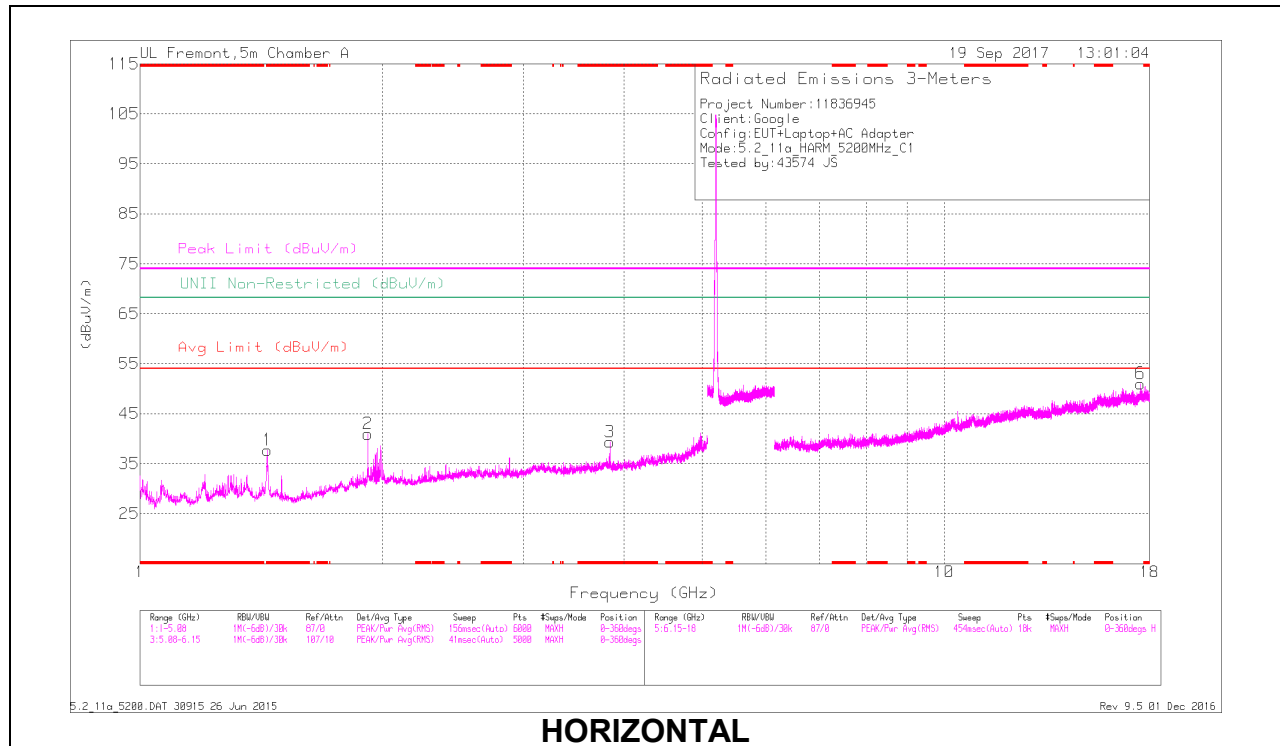
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	A1 T62 (dBm)	Amp/Cable/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 1.44	50.47	PK-U	28.7	-32.6	0	46.57	-	-	74	-27.43	-	-	138	182	H
	* 1.44	40.78	ADR	28.7	-32.6	.14	37.02	54	-16.98	-	-	-	-	138	182	H
3	* 3.84	41.73	PK-U	33	-29.1	0	45.63	-	-	74	-28.37	-	-	248	197	H
	* 3.84	34	ADR	33	-29.1	.14	38.04	54	-15.96	-	-	-	-	248	197	H
4	* 5	44.34	PK-U	34.3	-26.6	0	52.04	-	-	74	-21.96	-	-	259	179	H
	* 5	34.17	ADR	34.3	-26.6	.14	42.01	54	-11.99	-	-	-	-	259	179	H
2	1.92	45.18	PK-U	31.2	-32.7	0	43.68	-	-	-	-	68.2	-24.52	84	199	H
7	1.993	56.82	PK-U	31.4	-31.9	0	56.32	-	-	-	-	68.2	-11.88	237	186	V
8	2.136	47.69	PK-U	31.1	-31.8	0	46.99	-	-	-	-	68.2	-21.21	225	200	V
5	6.907	39.74	PK-U	35.6	-24.5	0	47.84	-	-	-	-	68.2	-20.36	166	102	H
6	16.663	31.87	PK-U	41.6	-18.5	0	54.97	-	-	-	-	68.2	-13.23	70	199	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



RADIATED EMISSIONS

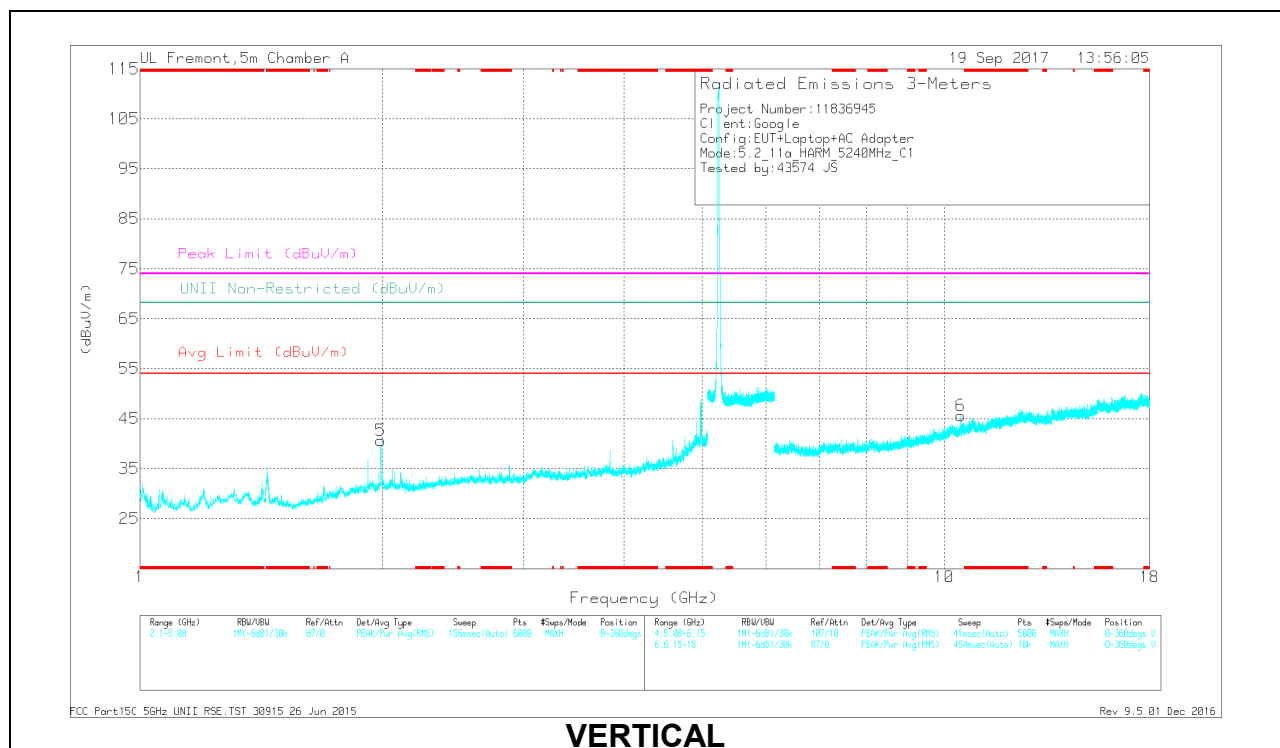
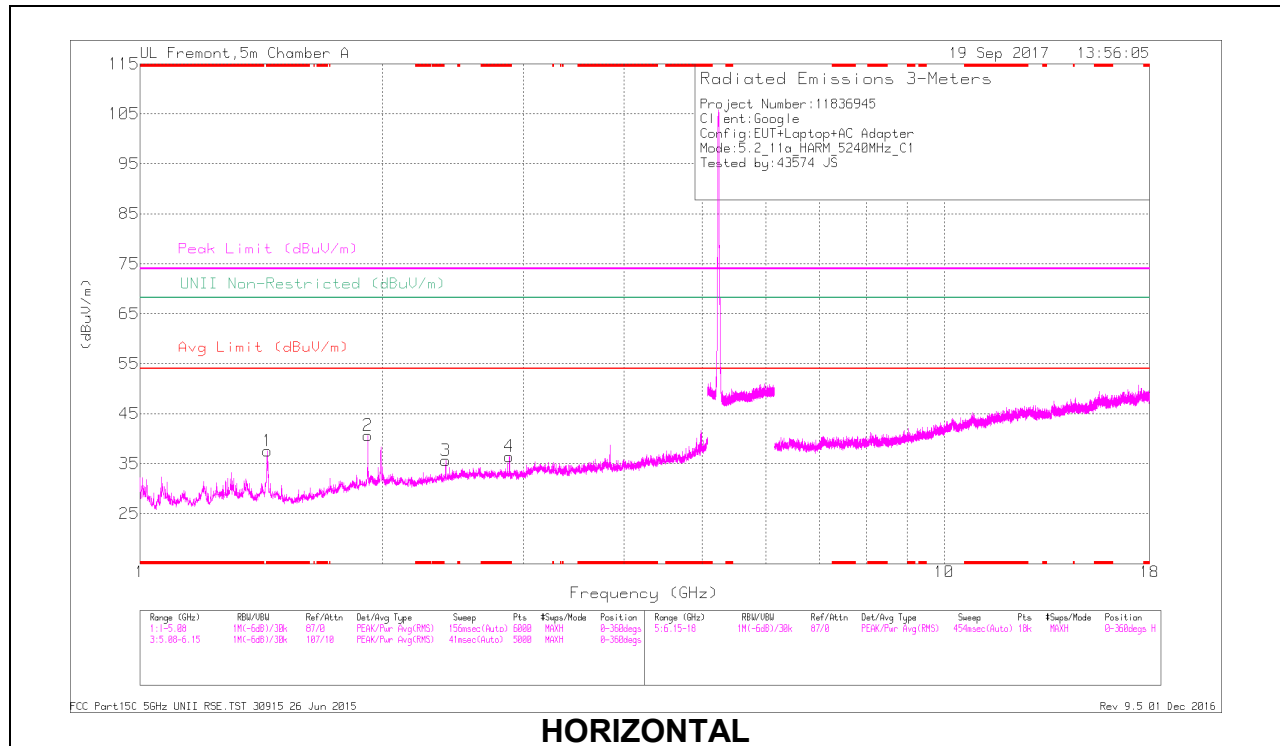
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cts/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unli Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.44	50.82	PK-U	28.7	-32.6	0	46.92	-	-	74	-27.08	-	-	284	183	H
	* 1.44	33.83	ADR	28.7	-32.6	-14	30.07	54	-23.93	-	-	-	-	284	183	H
3	* 3.84	40.91	PK-U	33	-29.1	0	44.81	-	-	74	-29.19	-	-	312	231	H
	* 3.84	33.34	ADR	33	-29.1	-14	37.38	54	-16.62	-	-	-	-	312	231	H
2	1.92	46.18	PK-U	31.2	-32.7	0	44.68	-	-	-	-	68.2	-23.52	333	123	H
4	1.995	52.55	PK-U	31.4	-31.8	0	52.15	-	-	-	-	68.2	-16.05	160	268	V
5	10.395	32.48	PK-U	37.6	-20.7	0	49.38	-	-	-	-	68.2	-18.82	86	154	V
6	17.533	32.68	PK-U	41.2	-18.4	0	55.48	-	-	-	-	68.2	-12.72	321	174	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cts/Filt/Pad (dB)	DC Corr (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
1	* 1.44	52.77	PK-U	28.7	-32.6	0	48.87	-	-	74	-25.13	-	-	107	169	H
	* 1.44	38.88	ADR	28.7	-32.6	-14	35.3	54	-18.88	-	-	-	-	107	169	H
4	* 2.88	41.49	PK-U	32.2	-30.6	0	43.09	-	-	74	-30.91	-	-	326	122	H
	* 2.88	33.76	ADR	32.2	-30.6	-14	35.50	54	-18.50	-	-	-	-	326	122	H
2	1.92	46.06	PK-U	31.2	-32.7	0	44.56	-	-	-	-	68.2	-23.64	329	126	H
5	1.993	51.29	PK-U	31.4	-31.9	0	50.79	-	-	-	-	68.2	-17.41	158	273	V
3	2.4	41.78	PK-U	31.8	-31.5	0	42.08	-	-	-	-	68.2	-26.12	273	202	H
6	10.477	31.76	PK-U	37.6	-20.7	0	48.66	-	-	-	-	68.2	-19.54	190	242	V

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

PK-U - U-NII: Maximum Peak

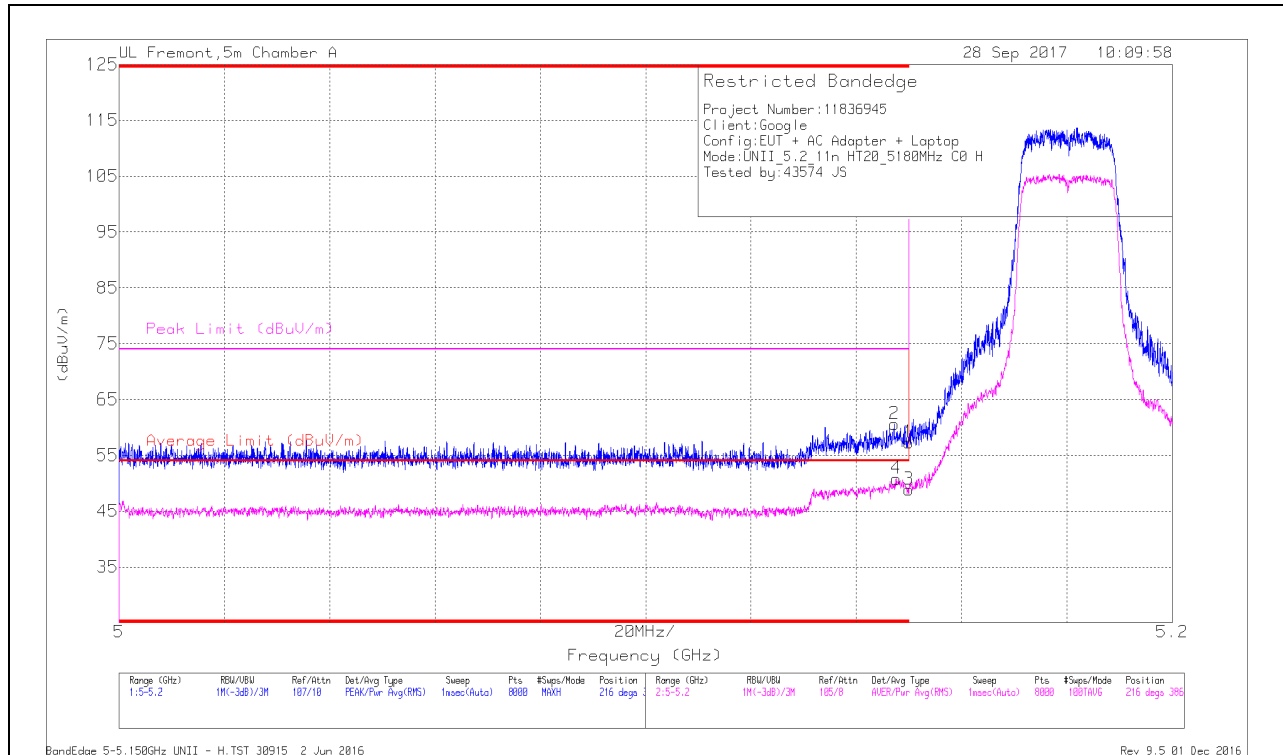
ADR - U-NII AD primary method, RMS average

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

1TX Chain 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



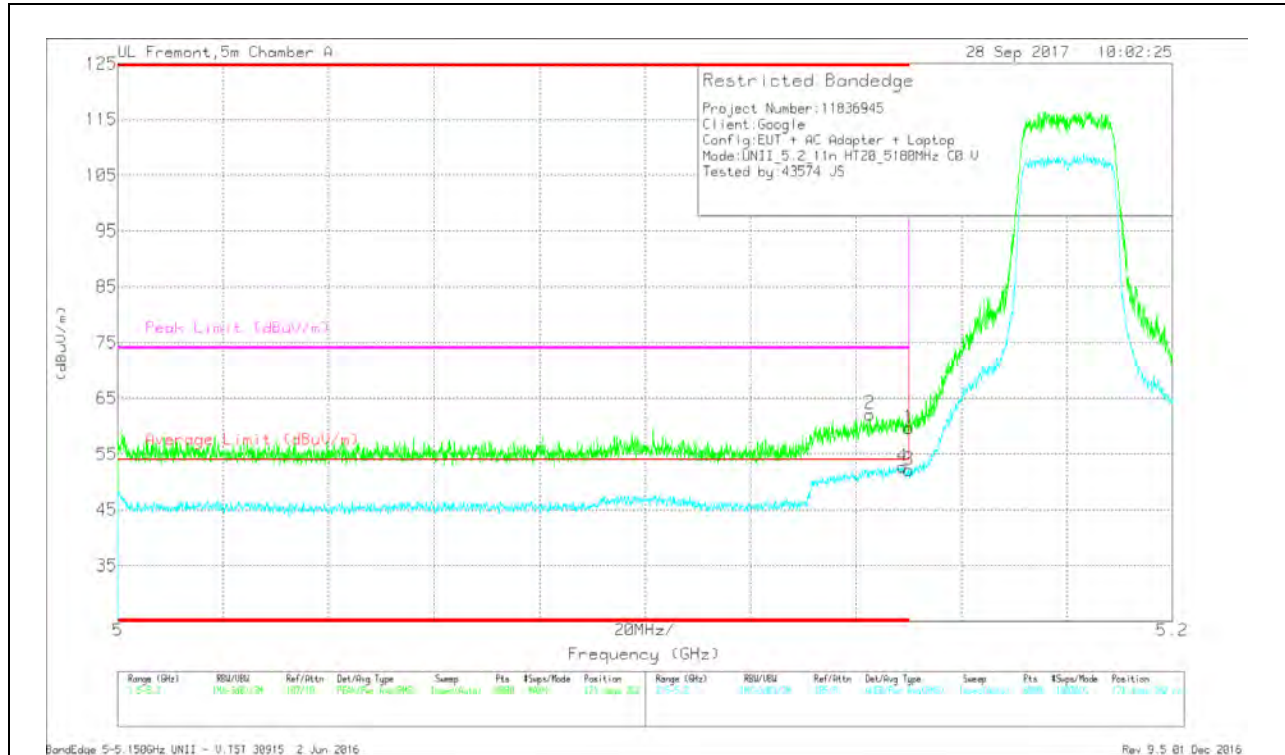
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/Chl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.15	40.88	Pk	34.4	-18	0	57.28	-	-	74	-16.72	216	386	H
2	* 5.147	44.2	Pk	34.4	-18	0	60.6	-	-	74	-13.4	216	386	H
3	* 5.15	32.43	RMS	34.4	-18	0	48.83	54	-6.17	-	-	216	386	H
4	* 5.148	34.37	RMS	34.4	-18	0	50.77	54	-3.23	-	-	216	386	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 T662 (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
1	* 5.15	43.3	Pk	34.4	-18	0	59.7	-	-	74	-14.3	121	362	V
2	* 5.143	45.75	Pk	34.4	-18	0	62.15	-	-	74	-11.85	121	362	V
3	* 5.15	35.77	RMS	34.4	-18	0	52.17	54	-1.83	-	-	121	362	V
4	* 5.149	36.37	RMS	34.4	-18	0	52.77	54	-1.23	-	-	121	362	V

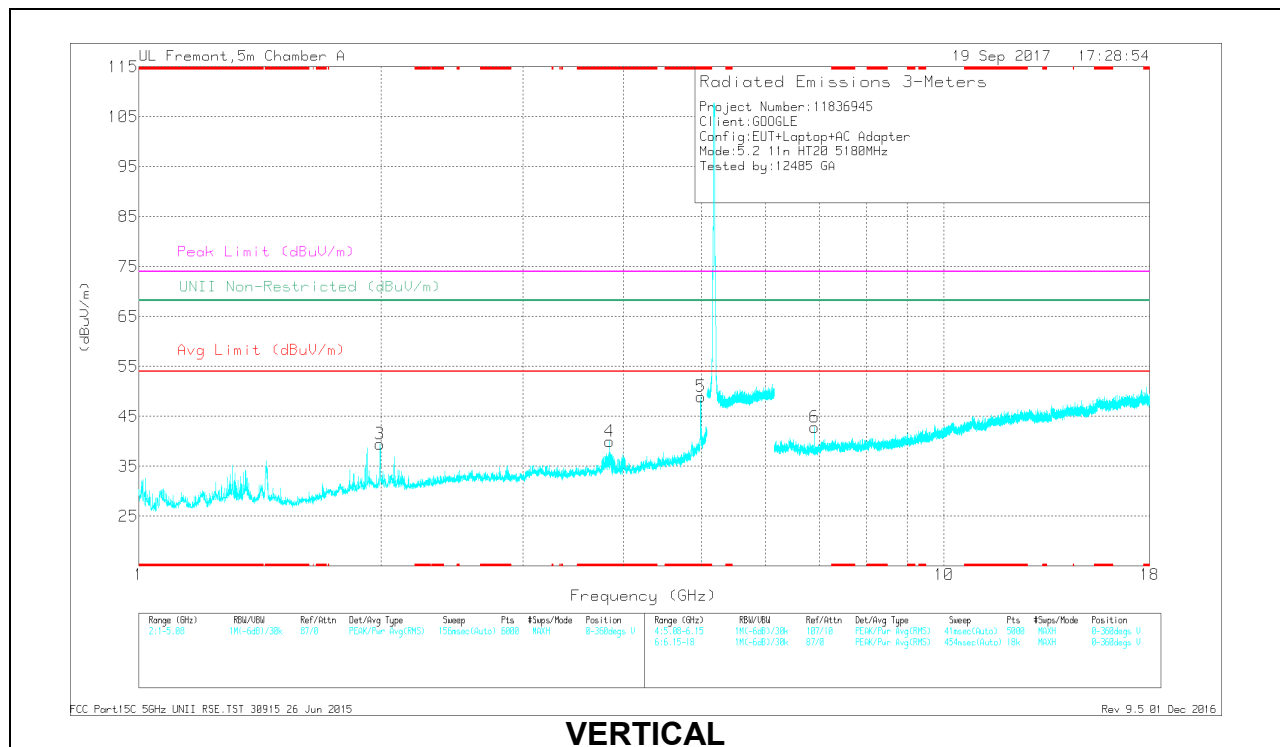
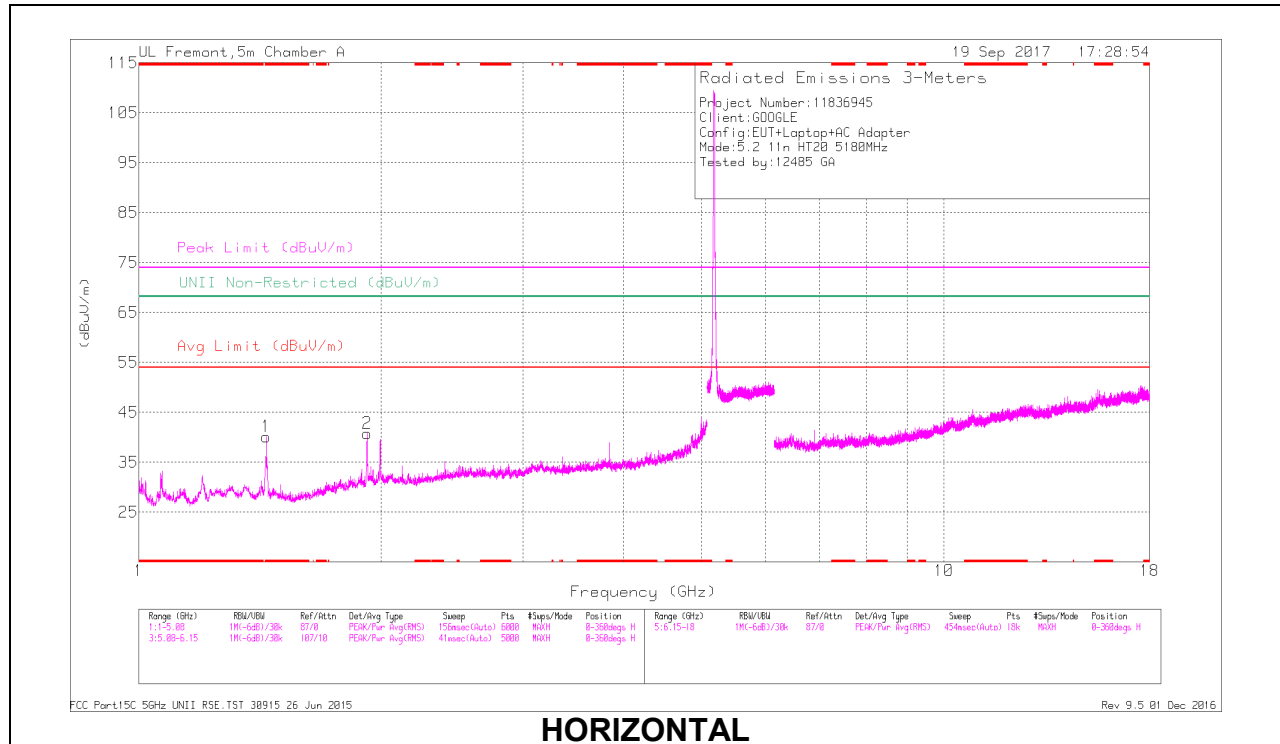
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

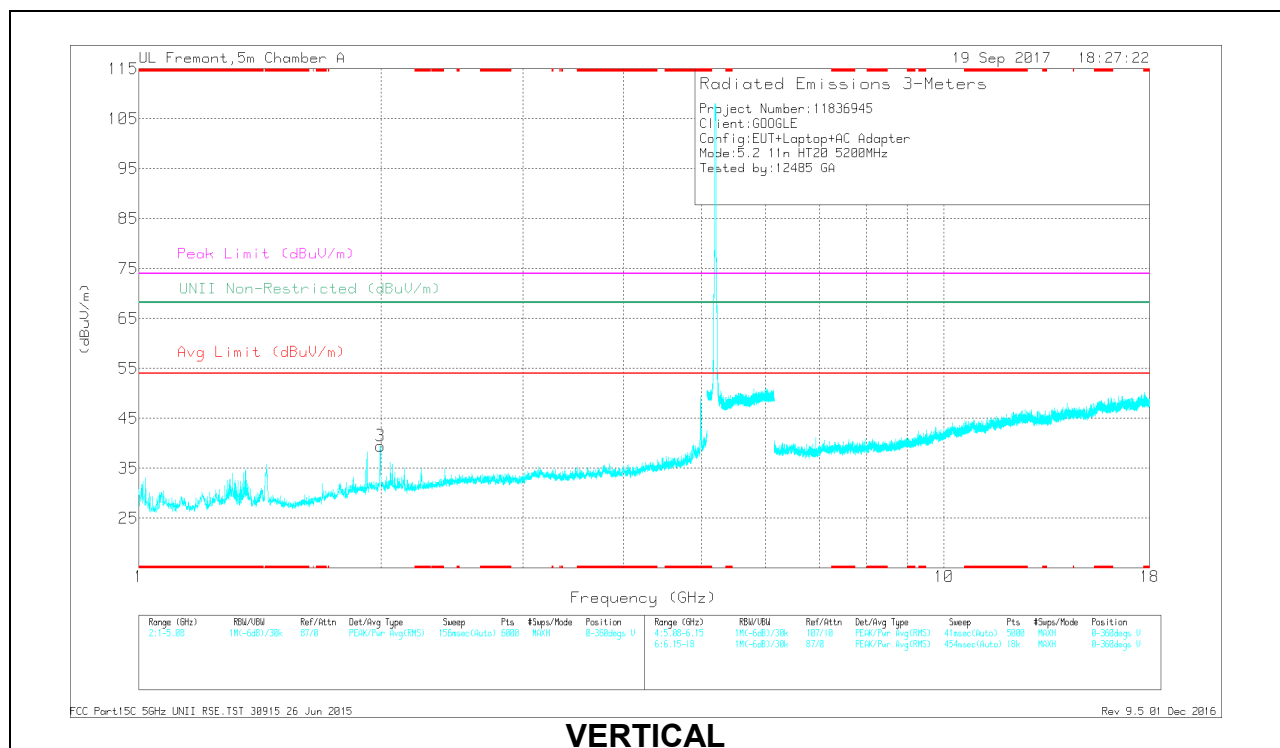
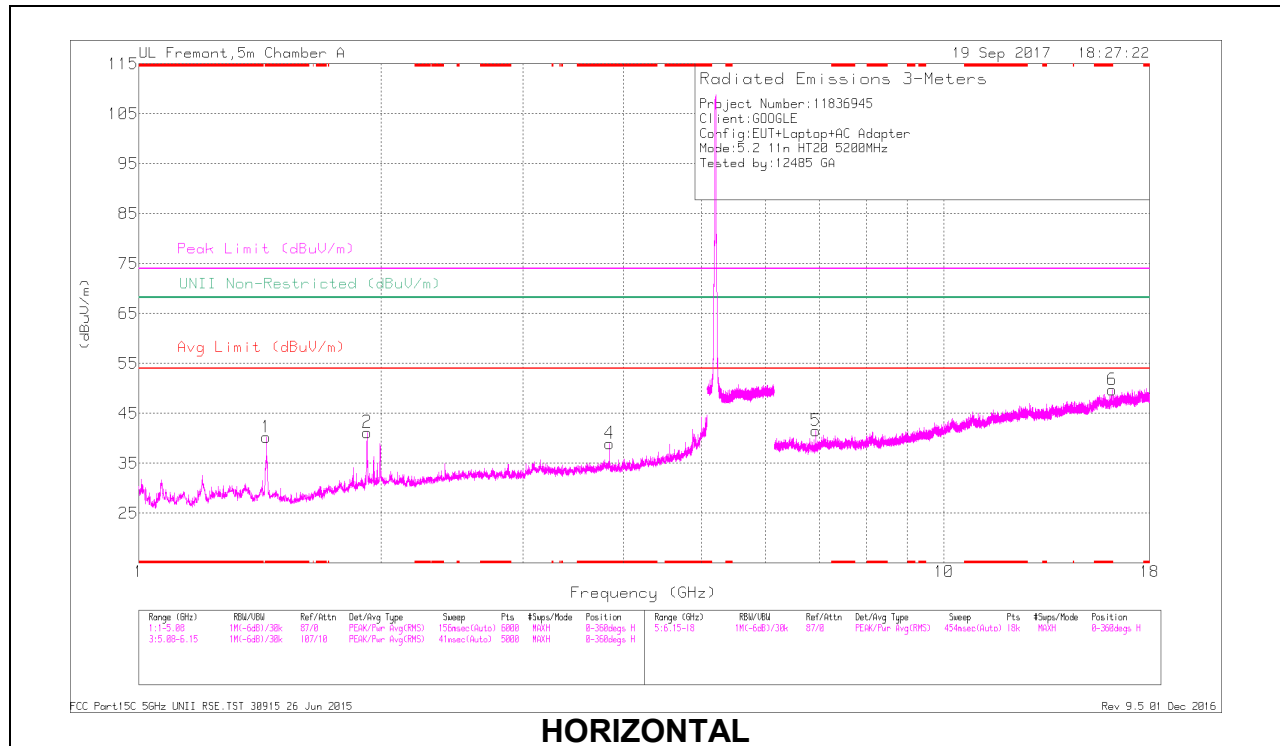
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	AmpCoeffTrPad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNR Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.44	53.56	PK-U	28.7	-32.6	0	49.68	-	-	74	-24.32	-	-	354	101	H
	* 1.44	42.91	ADR	28.7	-32.6	0	39.01	54	-14.99	-	-	-	-	354	101	H
4	* 3.84	39.31	PK-U	33	-29.1	0	43.21	-	-	74	-30.79	-	-	83	102	V
	* 3.84	30.6	ADR	33	-29.1	0	34.5	54	-19.5	-	-	-	-	83	102	V
5	* 4.989	47.62	PK-U	34.3	-26.7	0	55.22	-	-	74	-18.78	-	-	128	199	V
	* 4.989	37.51	ADR	34.3	-26.7	0	45.11	54	-8.89	-	-	-	-	128	199	V
2	1.92	48.43	PK-U	31.2	-32.7	0	46.93	-	-	-	-	68.2	-21.27	64	102	H
3	1.993	55.58	PK-U	31.4	-31.9	0	55.08	-	-	-	-	68.2	-13.12	143	289	V
6	6.907	36.81	PK-U	35.6	-24.5	0	47.91	-	-	-	-	68.2	-20.29	264	216	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

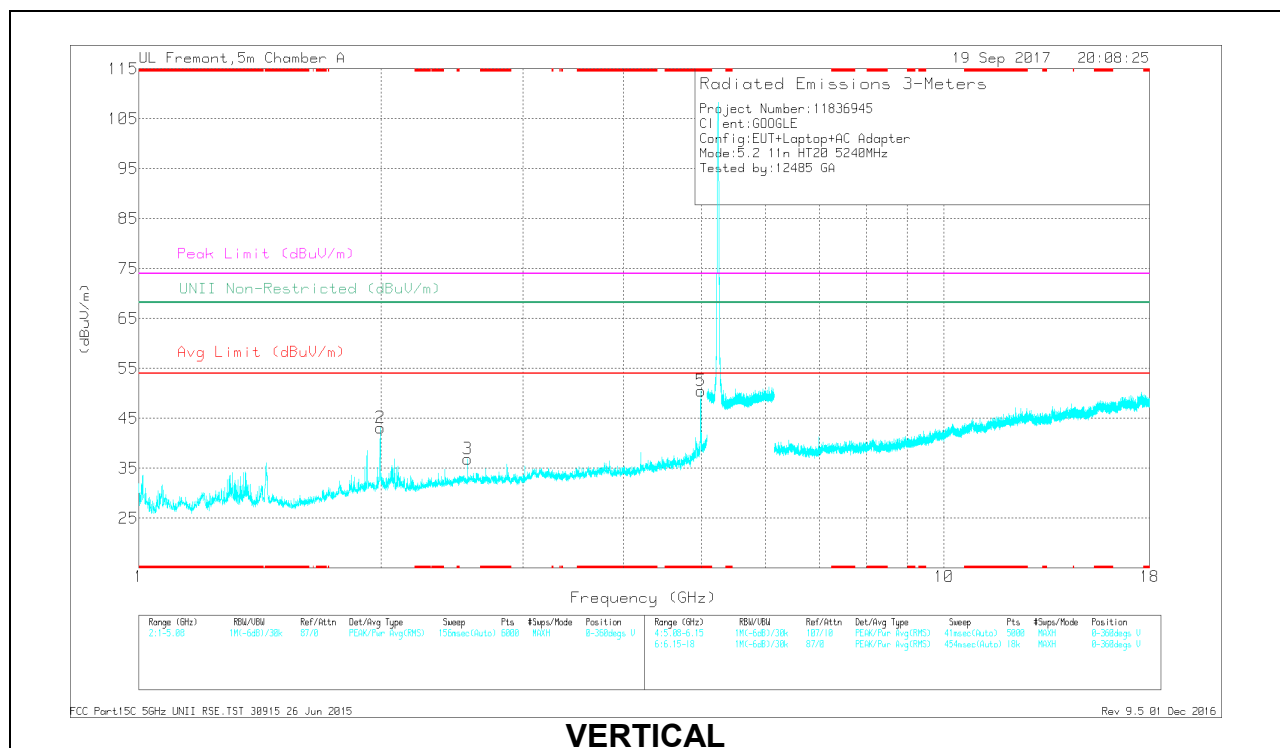
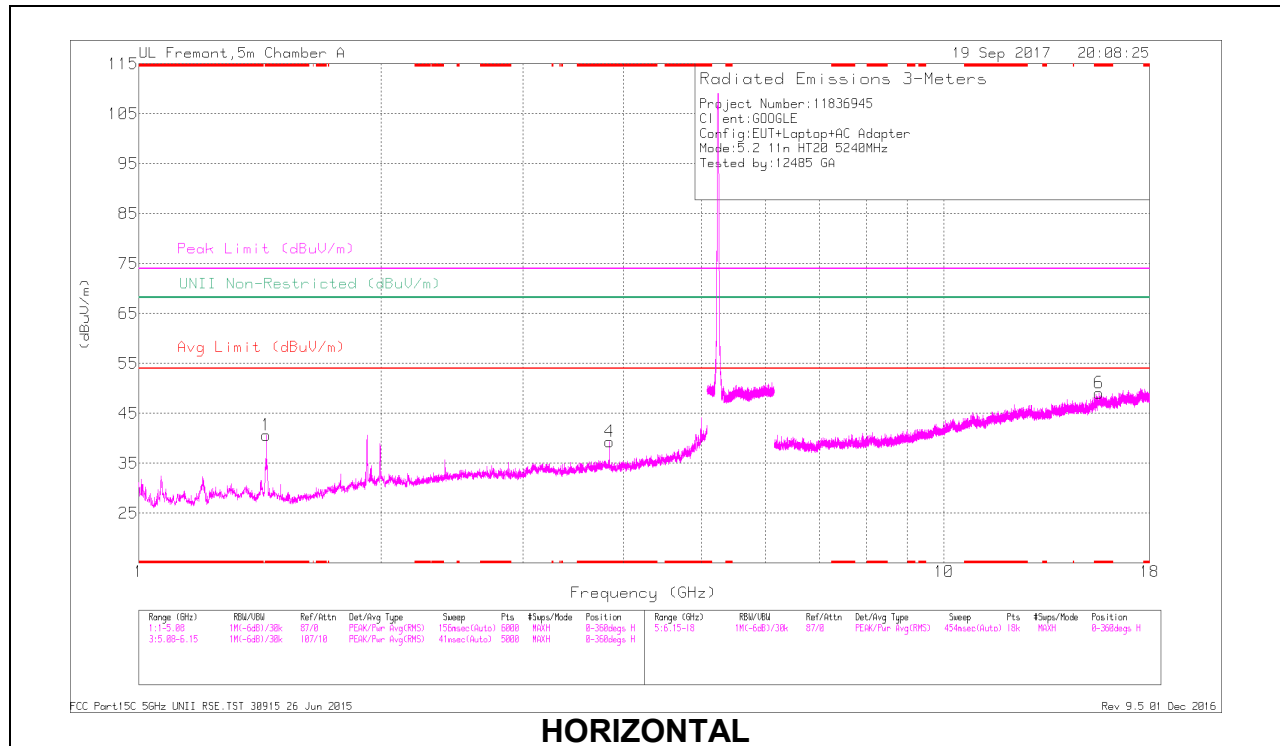
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T662 (dB/m)	Amp/Cable/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNR Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 1.44	52.49	PK-U	28.7	-32.6	0	48.59	-	-	74	-25.41	-	-	354	133	H
	* 1.44	41.04	ADR	28.7	-32.6	0	37.14	54	-16.86	-	-	-	-	354	133	H
4	* 3.84	40.68	PK-U	33	-29.1	0	44.58	-	-	74	-29.42	-	-	284	104	H
	* 3.84	34.12	ADR	33	-29.1	0	38.02	54	-15.98	-	-	-	-	284	104	H
6	* 16.169	32.25	PK-U	40.6	-18.6	0	54.25	-	-	74	-19.75	-	-	212	218	H
	* 16.165	20.91	ADR	40.6	-18.6	0	43.01	54	-10.99	-	-	-	-	212	218	H
2	1.92	47.86	PK-U	31.2	-32.7	0	46.36	-	-	-	-	68.2	-21.84	64	106	H
3	1.994	48.24	PK-U	31.4	-31.9	0	47.74	-	-	-	-	68.2	-20.46	218	232	V
5	6.933	37.29	PK-U	35.6	-24.6	0	48.29	-	-	-	-	68.2	-19.91	217	219	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T662 (dB/m)	Amp/Cable/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNR Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 1.44	52.88	PK-U	28.7	-32.6	0	48.98	-	-	74	-25.02	-	-	355	104	H
	* 1.44	42.5	ADR	28.7	-32.6	0	38.6	54	-15.4	-	-	-	-	355	104	H
4	* 3.84	40.7	PK-U	33	-29.1	0	44.6	-	-	74	-29.4	-	-	280	117	H
	* 3.84	33	ADR	33	-29.1	0	36.9	54	-17.1	-	-	-	-	280	117	H
5	* 4.989	47.08	PK-U	34.3	-26.7	0	54.68	-	-	74	-19.32	-	-	126	181	V
	* 4.989	37.31	ADR	34.3	-26.7	0	44.91	54	-9.09	-	-	-	-	126	181	V
6	* 15.575	31.86	PK-U	40	-17.6	0	54.26	-	-	74	-19.74	-	-	88	379	H
	* 15.572	20.57	ADR	40	-17.7	0	42.87	54	-11.13	-	-	-	-	88	379	H
2	1.995	51.87	PK-U	31.4	-31.8	0	51.47	-	-	-	-	68.2	-16.73	204	381	V
3	2.561	38.72	PK-U	32.4	-31.4	0	39.72	-	-	-	-	68.2	-28.48	270	400	V

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

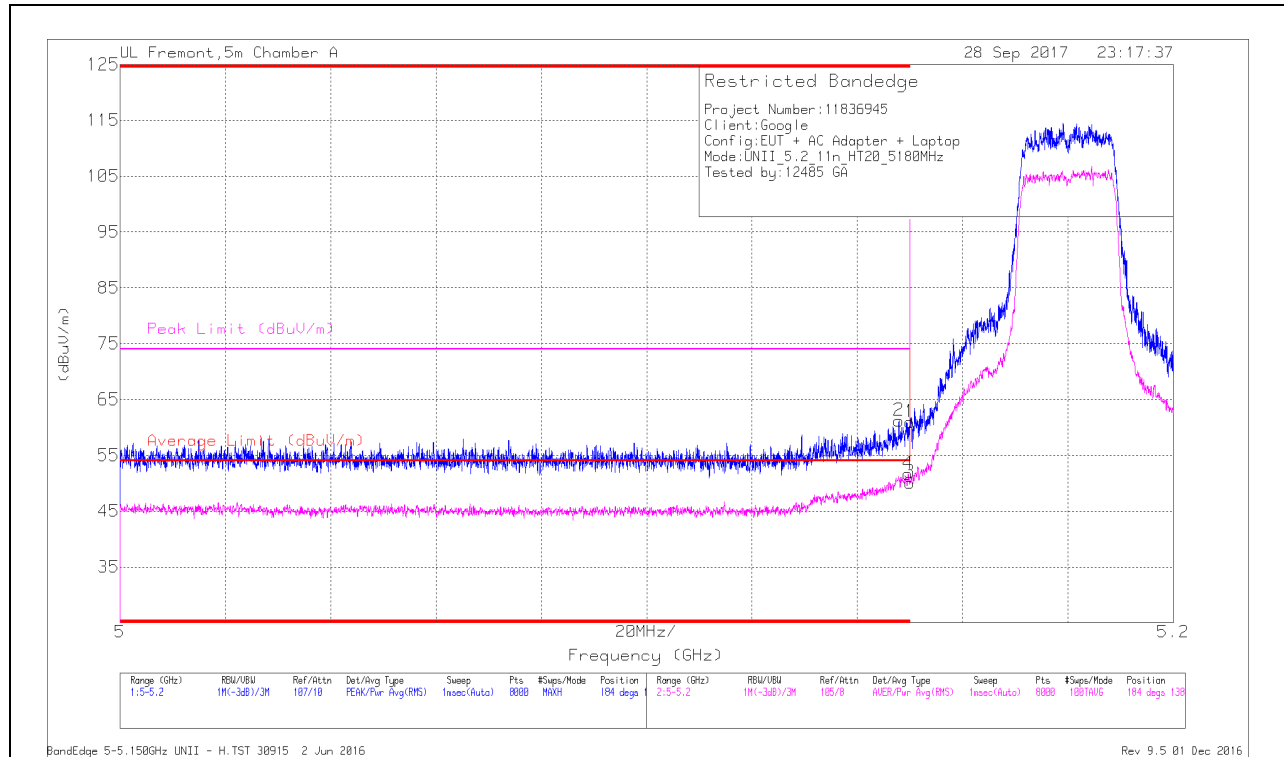
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

1TX Chain 1

BANEDGE (LOW CHANNEL)

HORIZONTAL RESULT

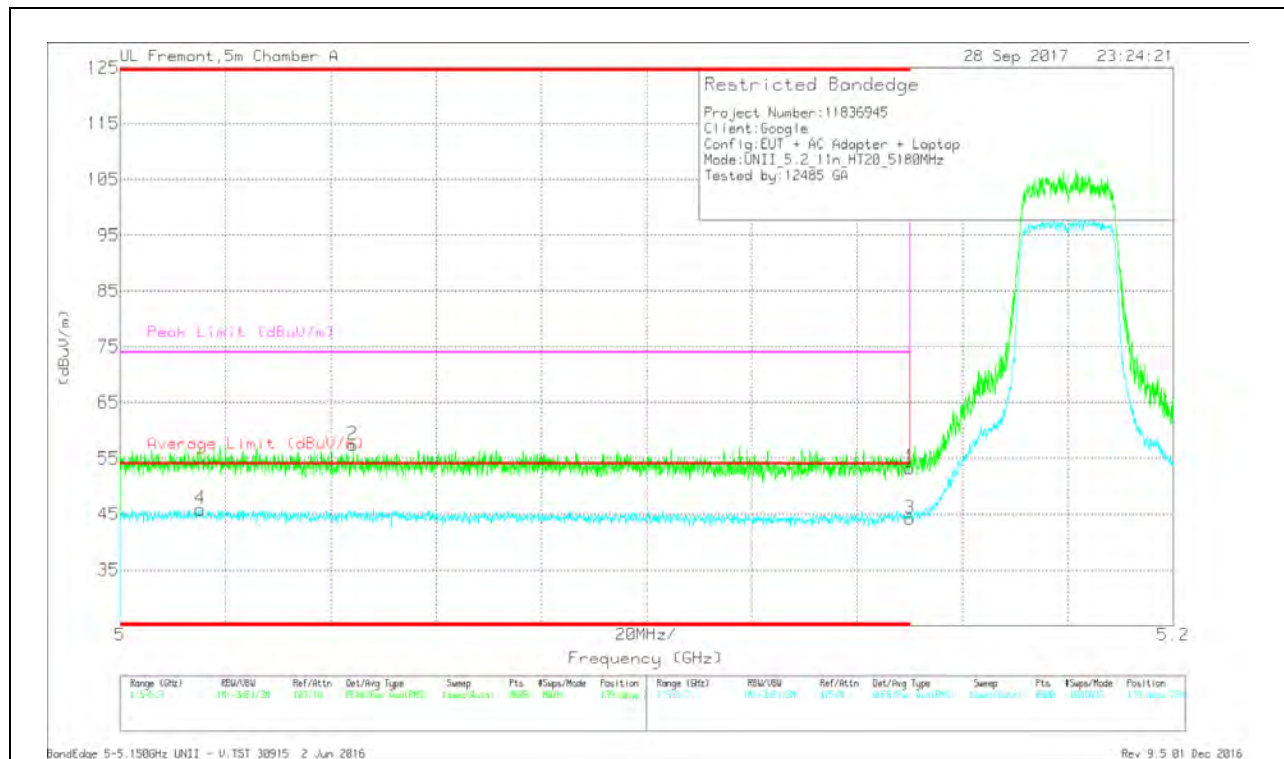


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.148	44.81	Pk	34.4	-18	0	61.21	-	-	74	-12.79	184	138	H
1	* 5.15	44.66	Pk	34.4	-18	0	60.96	-	-	74	-13.04	184	138	H
3	* 5.15	33.73	RMS	34.4	-18	0	50.13	54	-3.87	-	-	184	138	H
4	* 5.15	35.26	RMS	34.4	-18	0	51.66	54	-2.34	-	-	184	138	H

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

Pk - Peak detector

RMS - RMS detection

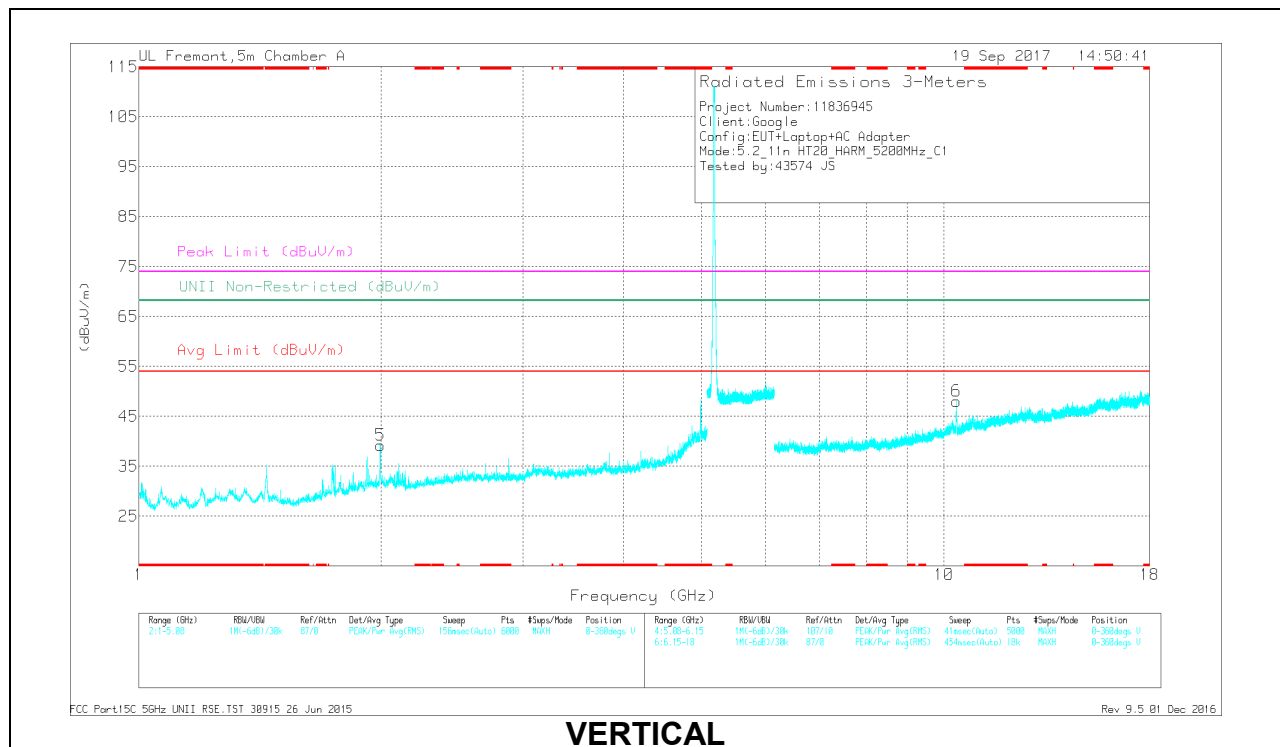
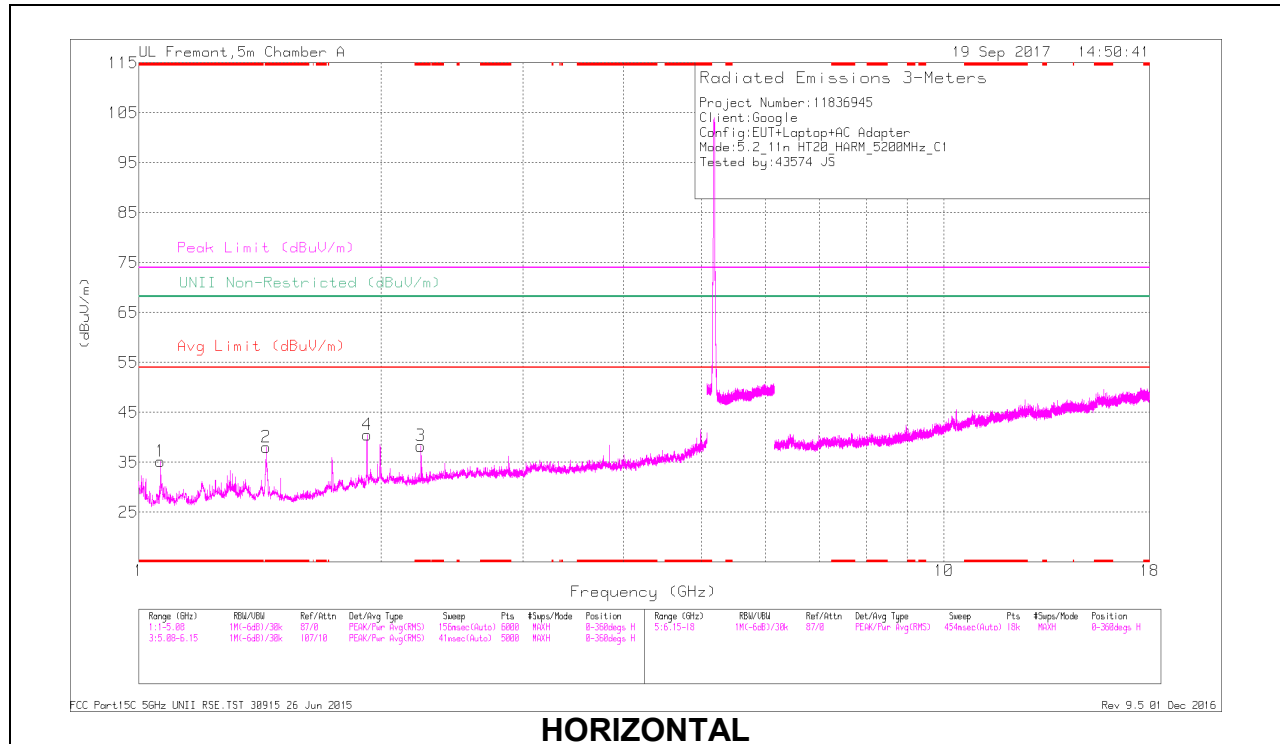


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 5.015	29.29	RMS	34.3	-17.7	0	45.89	54	-8.11	-	-	139	258	V
2	* 5.044	40.86	Pk	34.4	-17.8	0	57.46	-	-	74	-16.54	139	258	V
1	* 5.15	36.9	Pk	34.4	-18	0	53.3	-	-	74	-20.7	139	258	V
3	* 5.15	27.8	RMS	34.4	-18	0	44.2	54	-9.8	-	-	139	258	V

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

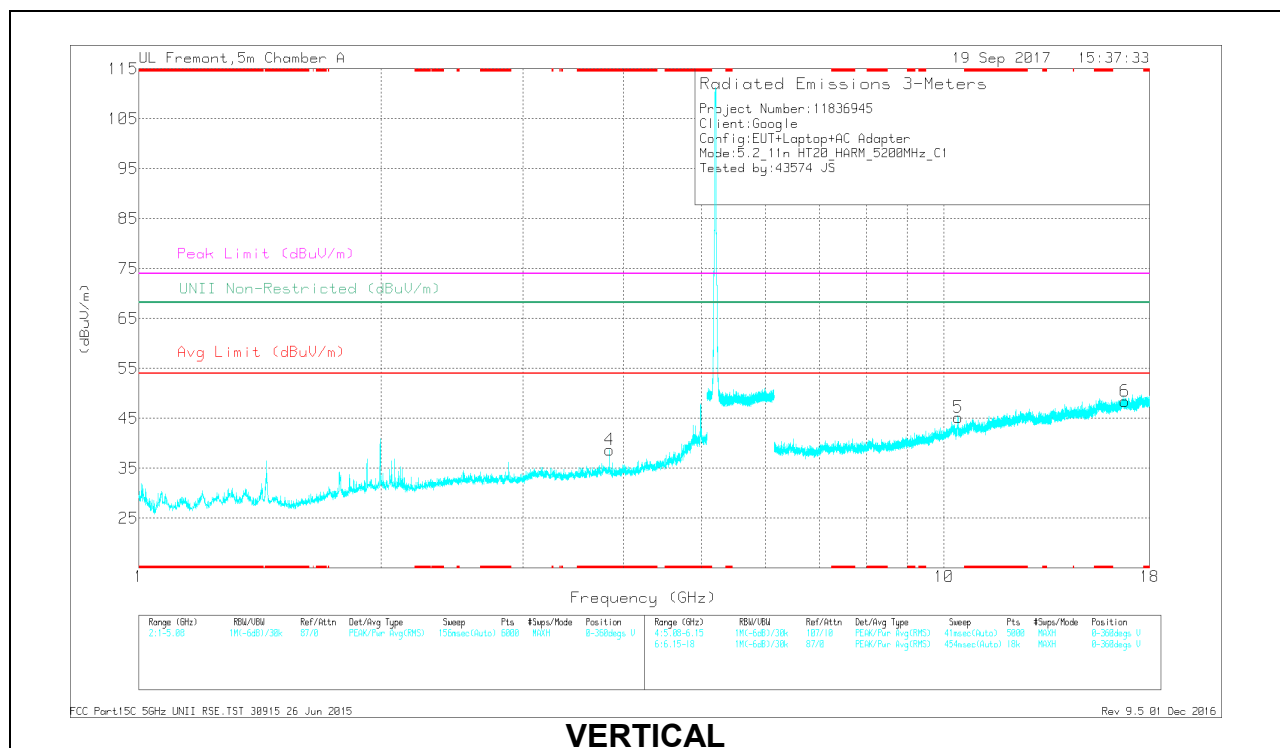
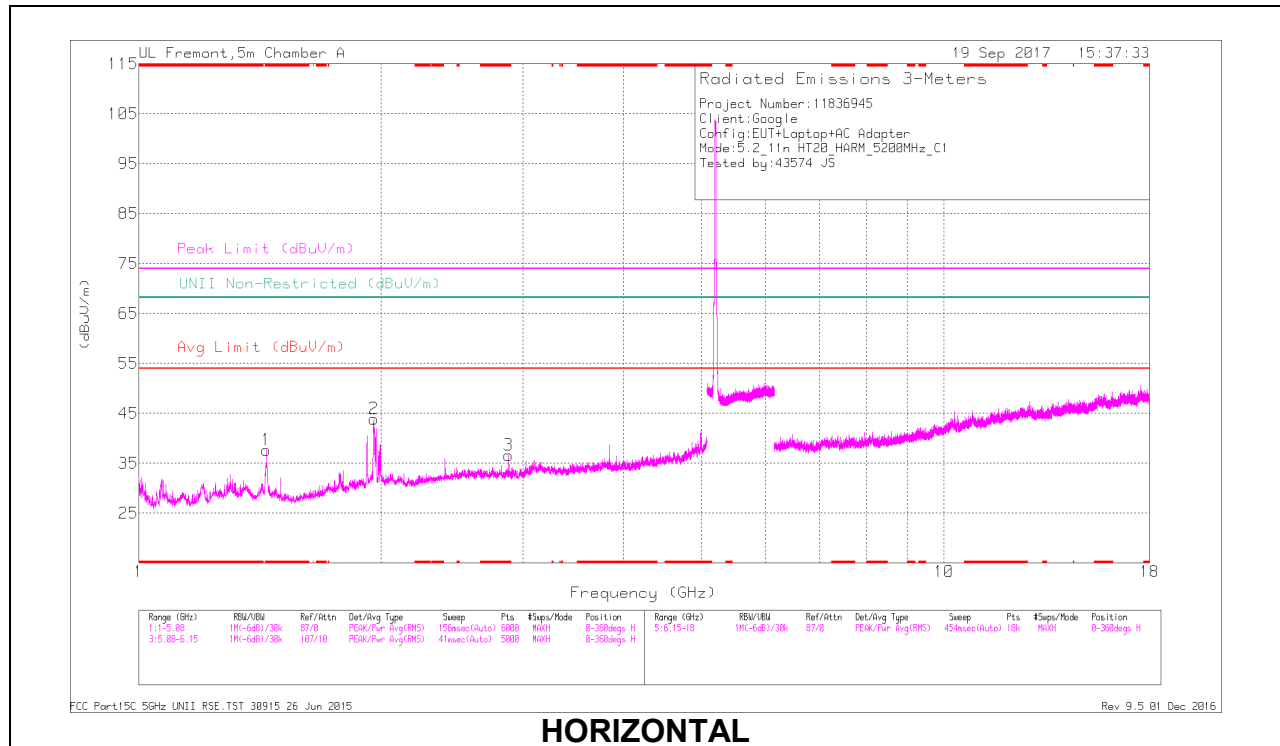
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cts/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.064	43.33	PK-U	27.3	-33.4	0	37.23	-	-	74	-36.77	-	-	360	100	H
	* 1.065	30.18	ADR	27.3	-33.4	0	24.08	54	-29.92	-	-	-	-	360	100	H
2	* 1.44	50.79	PK-U	28.7	-32.6	0	46.89	-	-	74	-27.11	-	-	33	104	H
	* 1.44	37.98	ADR	28.7	-32.6	0	34.08	54	-19.91	-	-	-	-	33	104	H
3	* 2.241	40.96	PK-U	31.4	-32.2	0	40.16	-	-	74	-33.84	-	-	351	277	H
	* 2.239	27.48	ADR	31.4	-32.2	0	26.68	54	-27.32	-	-	-	-	351	277	H
4	1.92	46.53	PK-U	31.2	-32.7	0	45.03	-	-	-	-	68.2	-23.17	331	119	H
5	1.994	51.96	PK-U	31.4	-31.9	0	51.46	-	-	-	-	68.2	-16.74	152	271	V
6	10.357	32.59	PK-U	37.5	-20.6	0	49.49	-	-	-	-	68.2	-18.71	233	167	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

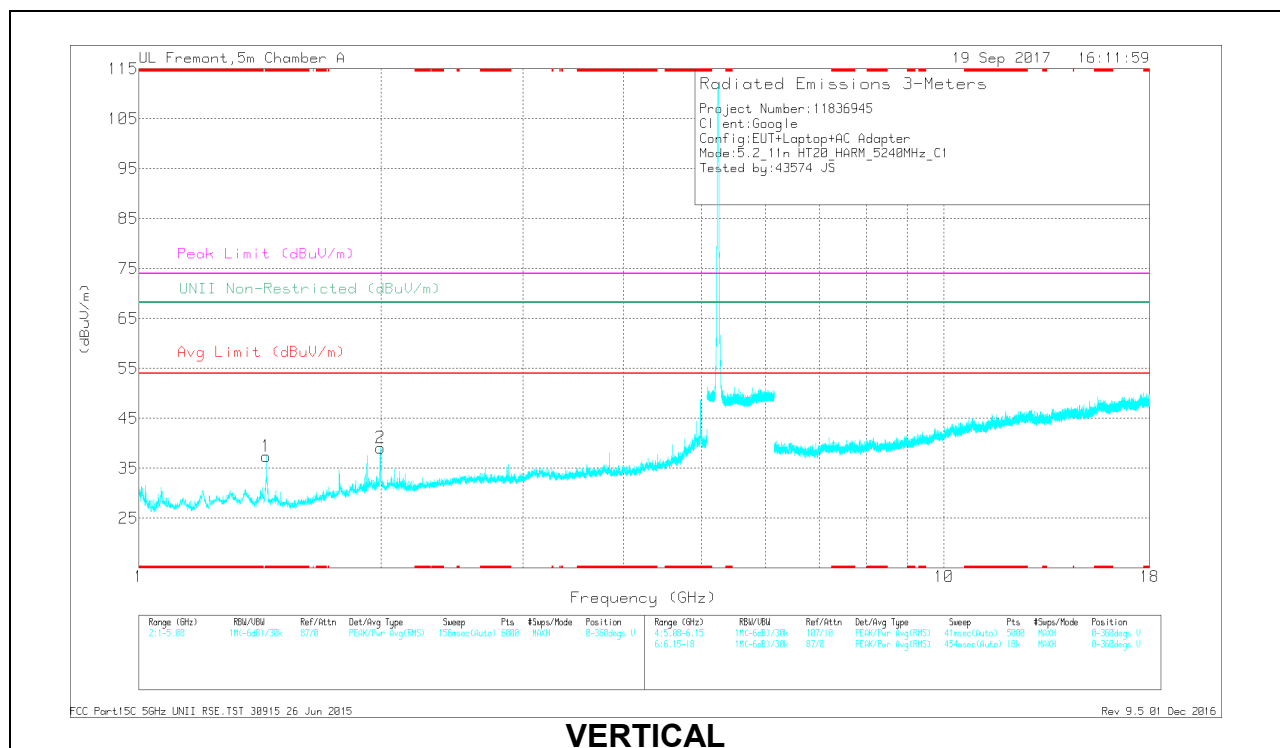
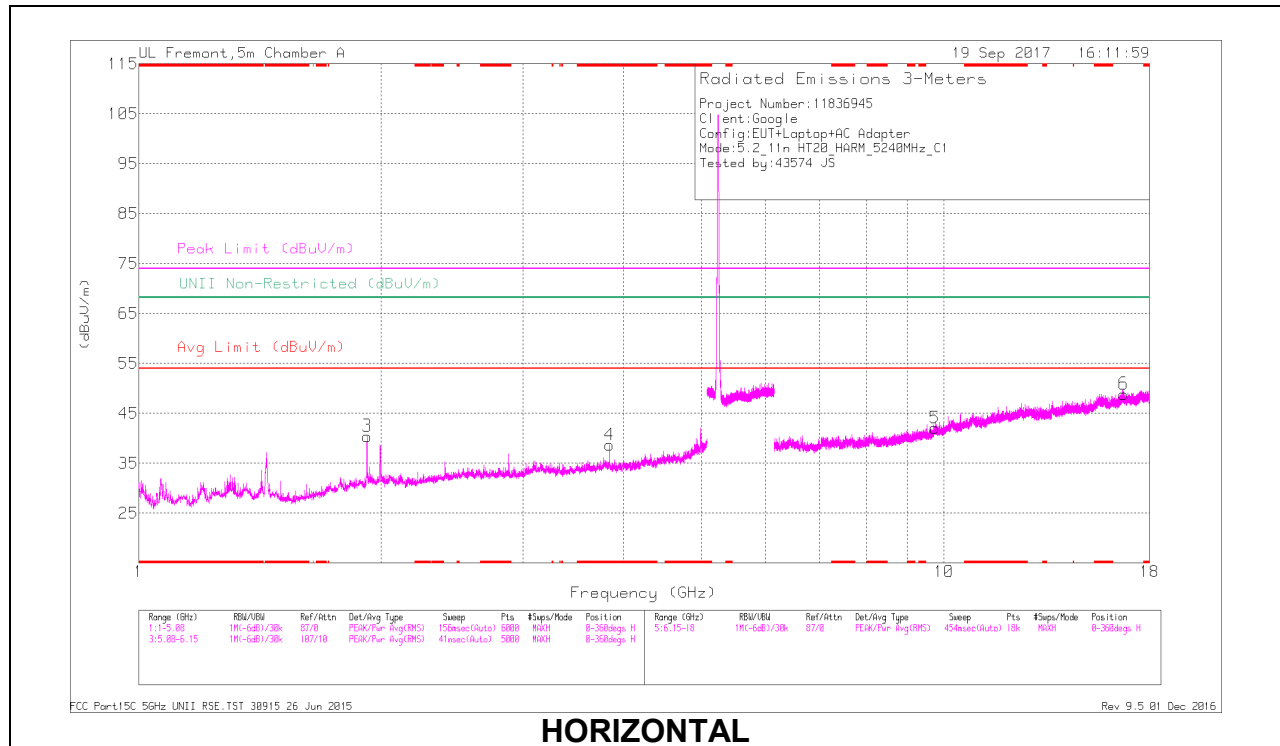
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cts/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.44	50.56	PK-U	28.7	-32.6	0	46.66	-	-	74	-27.34	-	-	35	117	H
	* 1.44	37.51	ADR	28.7	-32.6	0	33.61	54	-20.39	-	-	-	-	35	117	H
3	* 2.88	41.09	PK-U	32.2	-30.6	0	42.69	-	-	74	-31.31	-	-	326	197	H
	* 2.88	33.47	ADR	32.2	-30.6	0	35.07	54	-18.93	-	-	-	-	326	197	H
4	* 3.84	40.31	PK-U	33	-29.1	0	44.21	-	-	74	-29.79	-	-	339	230	V
	* 3.84	32.62	ADR	33	-29.1	0	36.52	54	-17.48	-	-	-	-	339	230	V
2	1.959	41.44	PK-U	31.4	-32.1	0	40.74	-	-	-	-	68.2	-27.46	61	189	H
5	10.41	34.26	PK-U	37.6	-20.7	0	51.16	-	-	-	-	68.2	-17.04	292	184	V
6	16.773	33.26	PK-U	41.7	-19.4	0	55.56	-	-	-	-	68.2	-12.64	316	140	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 T862 (dB/m)	Amp/Cts/Ftr/Pad (dB)	DC Corr (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	* 3.84	40.41	PK-U	33	-29.1	0	44.31	-	-	74	-29.69	-	-	319	210	H
	* 3.84	32.95	ADR	33	-29.1	0	36.85	54	-17.15	-	-	-	-	319	210	H
1	* 1.44	51.11	PK-U	28.7	-32.6	0	47.21	-	-	74	-26.79	-	-	35	106	V
	* 1.44	38.15	ADR	28.7	-32.6	0	34.25	54	-19.75	-	-	-	-	35	106	V
3	1.92	44.37	PK-U	31.2	-32.7	0	42.87	-	-	-	-	68.2	-25.33	68	171	H
2	1.995	43.12	PK-U	31.4	-31.8	0	42.72	-	-	-	-	68.2	-25.48	96	259	V
5	9.741	32.49	PK-U	36.9	-21	0	48.39	-	-	-	-	68.2	-19.81	150	254	H
6	16.714	32.05	PK-U	41.6	-19.2	0	54.45	-	-	-	-	68.2	-13.75	328	168	H

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

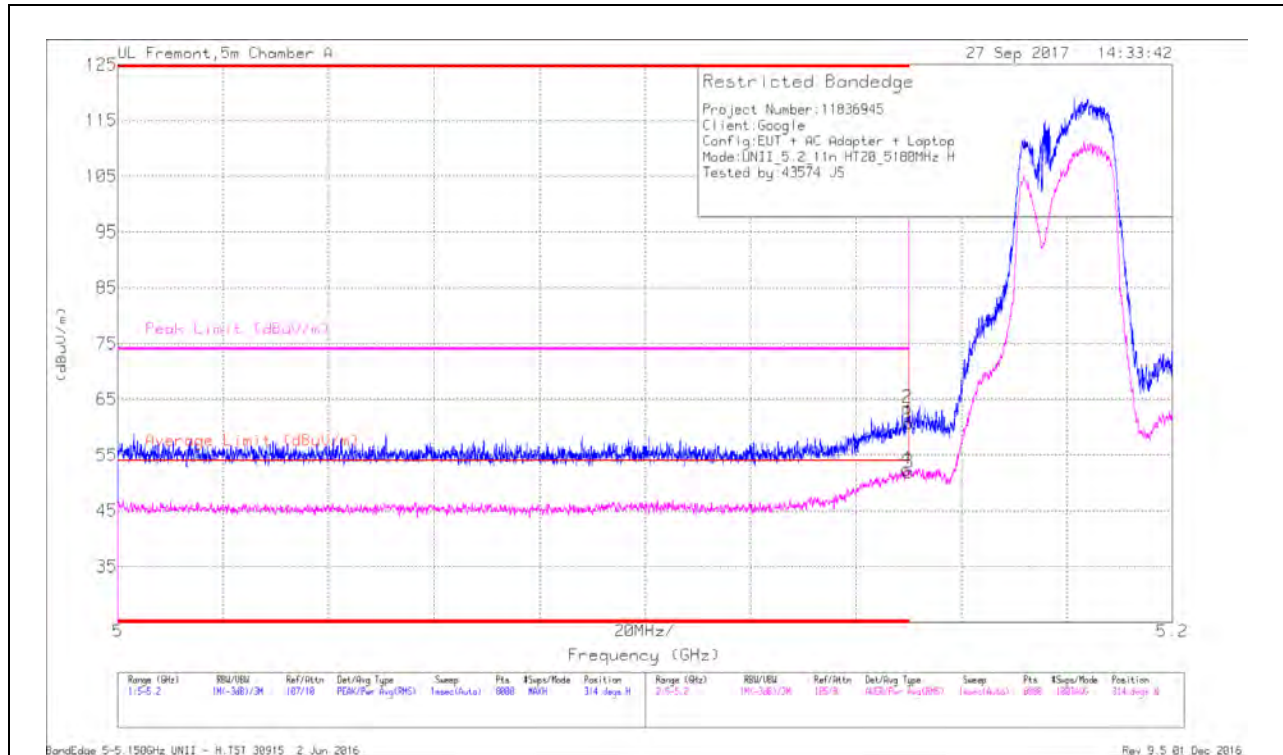
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX Chain 0 + Chain 1 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



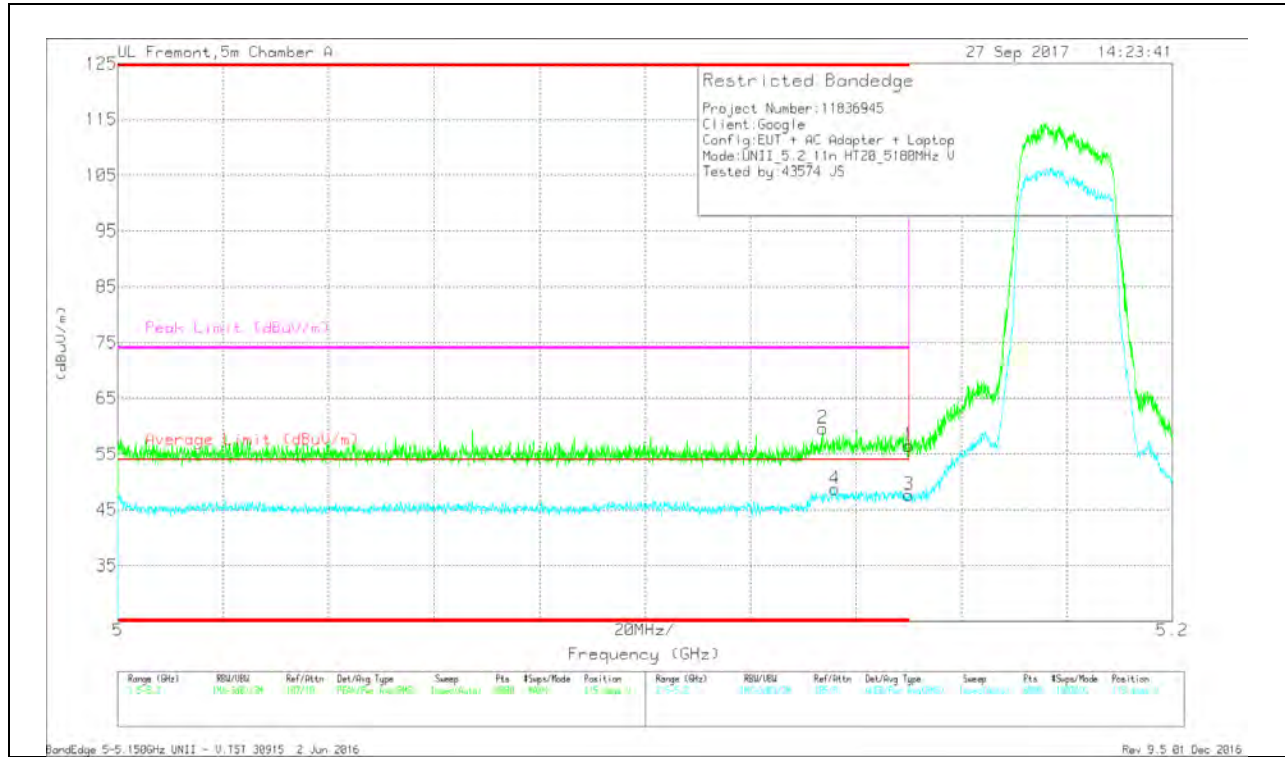
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T662 (dBm)	Amp/CbI/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	44.33	Pk	34.4	-18	0	60.73	-	-	74	-13.27	314	293	H
2	* 5.15	47	Pk	34.4	-18	0	63.4	-	-	74	-10.6	314	293	H
3	* 5.15	35.52	RMS	34.4	-18	0	51.92	54	-2.08	-	-	314	293	H
4	* 5.15	36.01	RMS	34.4	-18	0	52.41	54	-1.59	-	-	314	293	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 T862 (dBm)	Amp/CbI/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Dege)	Height (cm)	Polarity
2	* 5.134	43.15	Pk	34.4	-18	0	59.55	-	-	74	-14.45	115	281	V
4	* 5.136	32.33	RMS	34.4	-18	0	48.73	-	-5.27	-	-	115	281	V
1	* 5.15	40.15	Pk	34.4	-18	0	56.55	-	-	74	-17.45	115	281	V
3	* 5.15	31.31	RMS	34.4	-18	0	47.71	-	-6.29	-	-	115	281	V

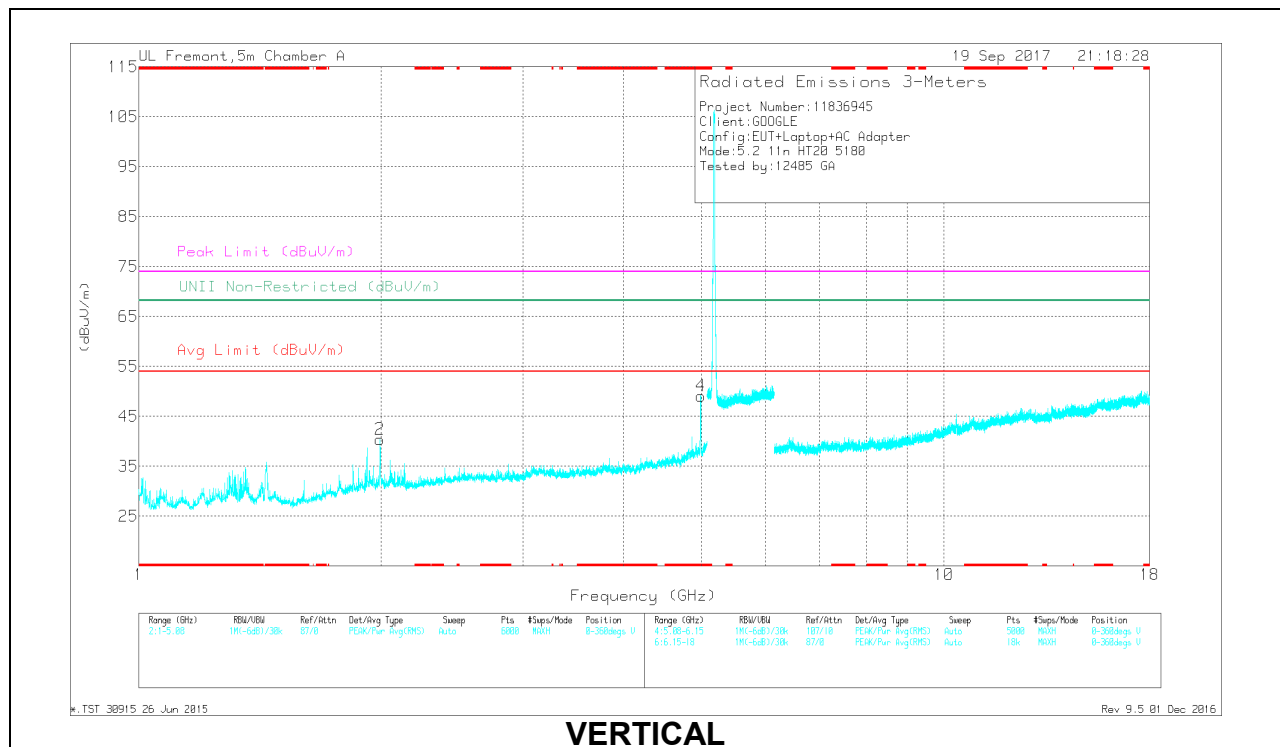
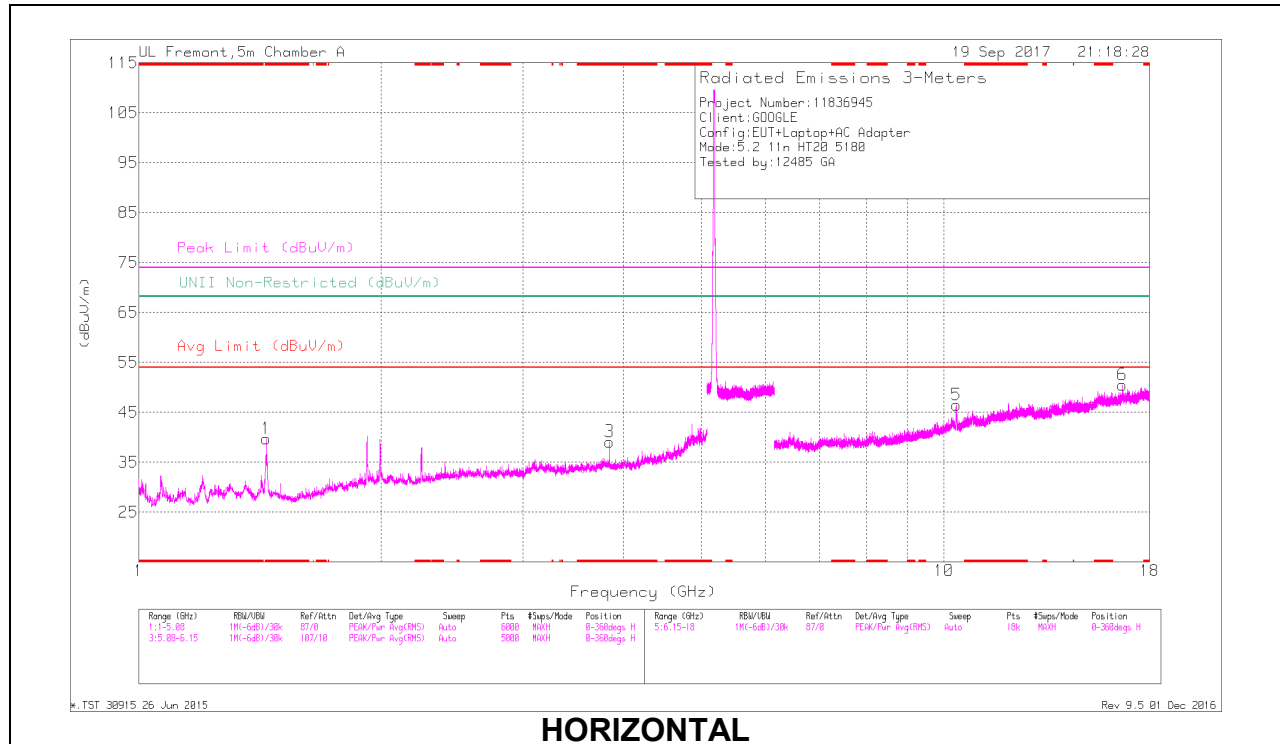
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

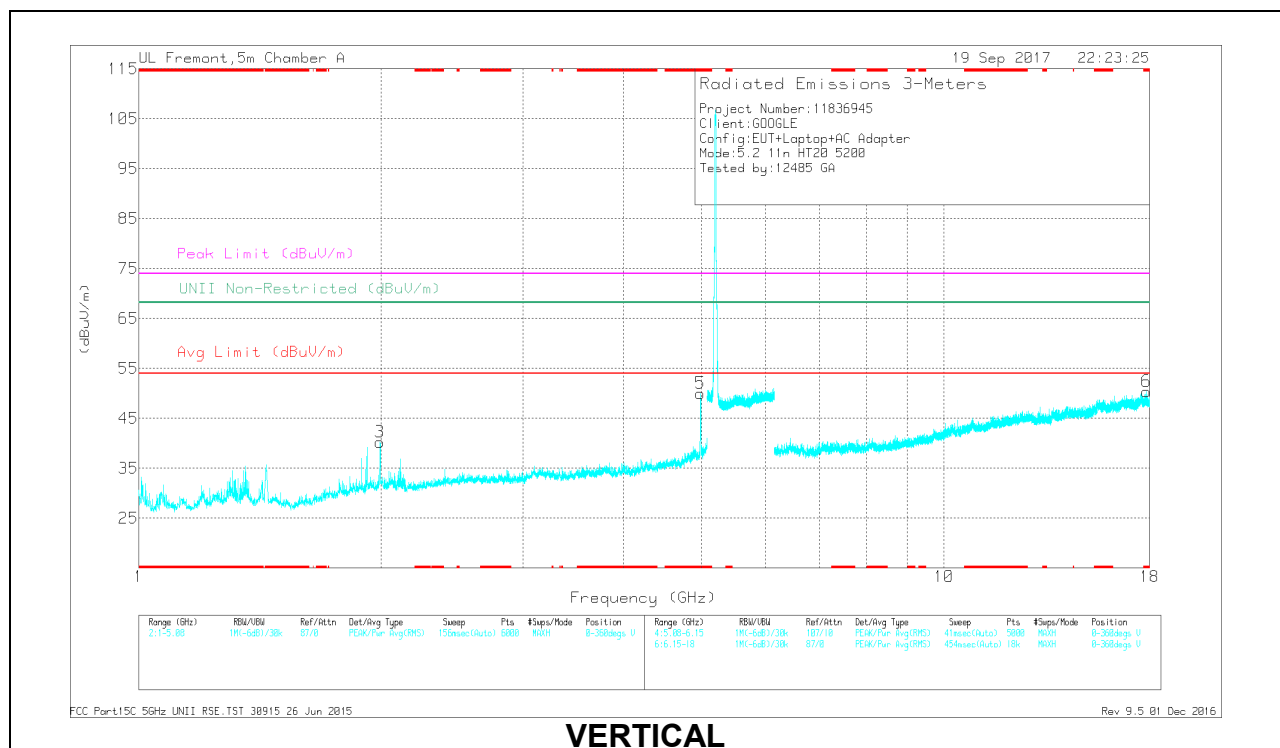
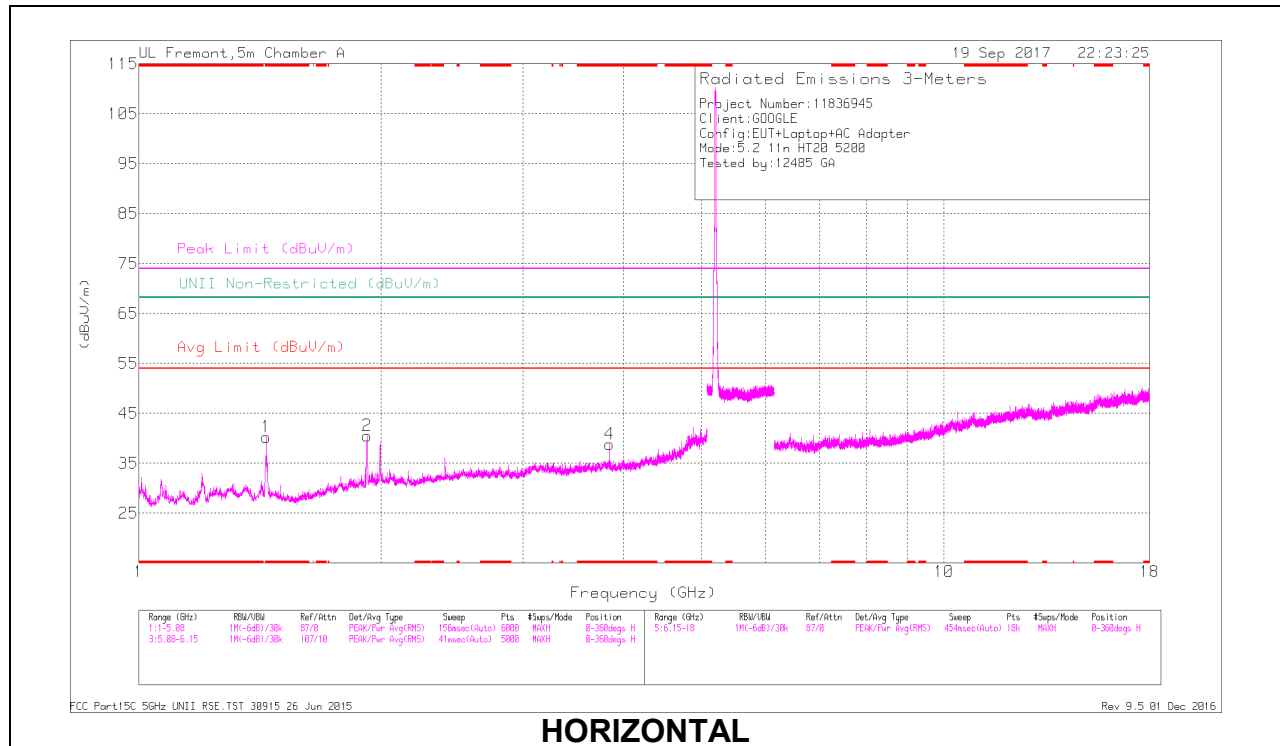
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	AmpCblFtrPad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNR Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.44	53.11	PK-U	28.7	-32.6	0	49.21	-	-	74	-24.79	-	-	353	106	H
	* 1.44	40.87	ADR	28.7	-32.6	0	36.97	54	-17.03	-	-	-	-	353	106	H
3	* 3.84	40.16	PK-U	33	-29.1	0	44.06	-	-	74	-29.94	-	-	279	114	H
	* 3.84	32.22	ADR	33	-29.1	0	36.12	54	-17.88	-	-	-	-	279	114	H
4	* 4.989	46.93	PK-U	34.3	-26.7	0	54.53	-	-	74	-19.47	-	-	128	176	V
	* 4.989	37.12	ADR	34.3	-26.7	0	44.72	54	-9.28	-	-	-	-	128	176	V
2	1.993	52.6	PK-U	31.4	-31.9	0	52.1	-	-	-	-	68.2	-16.1	153	285	V
5	10.358	36.83	PK-U	37.5	-20.6	0	53.73	-	-	-	-	68.2	-14.47	305	101	H
6	16.66	31.82	PK-U	41.6	-18.5	0	54.92	-	-	-	-	68.2	-13.28	222	102	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



RADIATED EMISSIONS

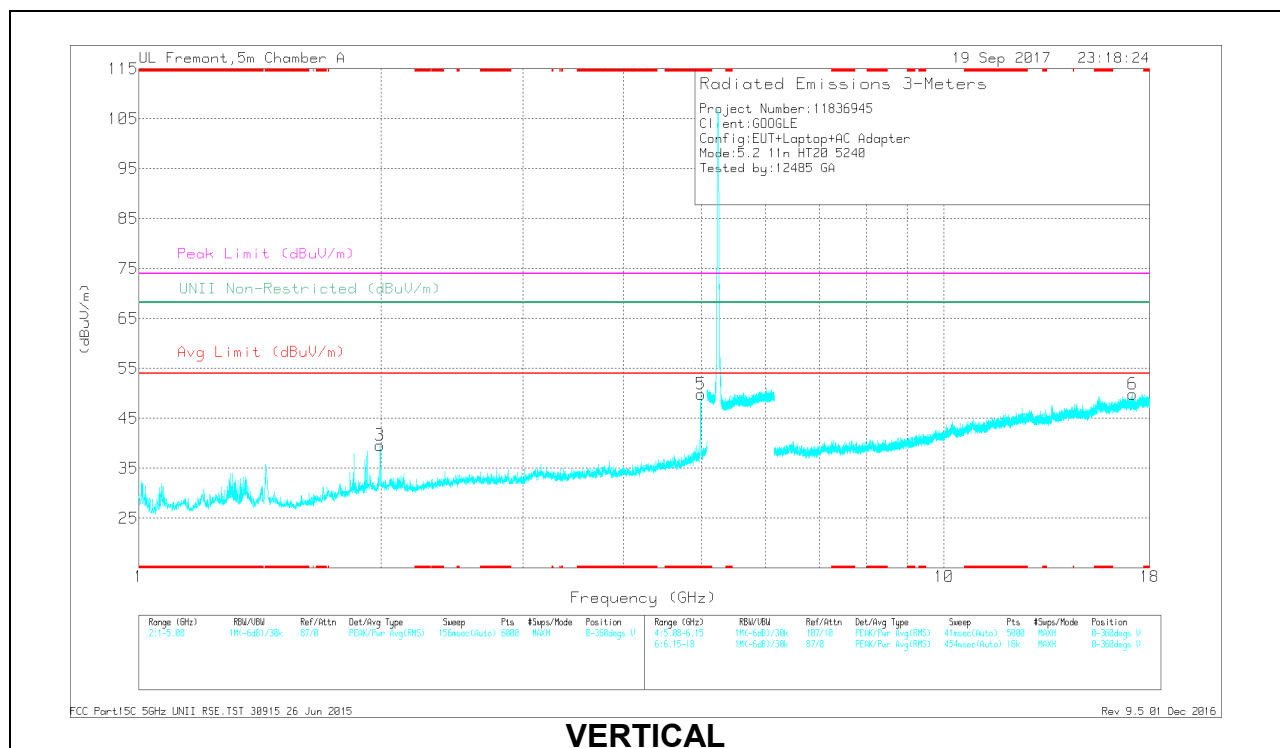
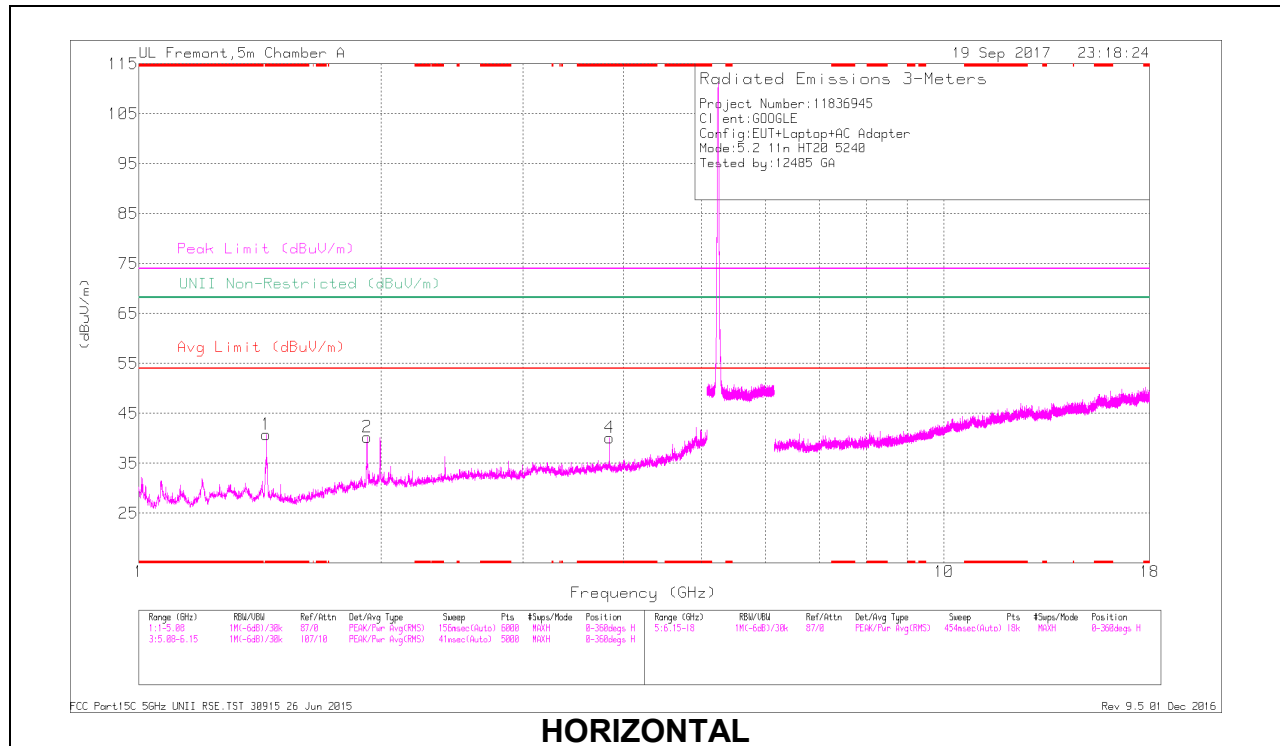
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T662 (dB/m)	Amp/Cable/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNR Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 1.44	52.97	PK-U	28.7	-32.6	0	49.07	-	-	74	-24.93	-	-	353	106	H
	* 1.44	41.37	ADR	28.7	-32.6	0	37.47	54	-16.53	-	-	-	-	353	106	H
4	* 3.84	41.27	PK-U	33	-29.1	0	45.17	-	-	74	-28.83	-	-	282	104	H
	* 3.84	34.53	ADR	33	-29.1	0	38.43	54	-15.57	-	-	-	-	282	104	H
5	* 4.978	46.65	PK-U	34.3	-27	0	53.95	-	-	74	-20.05	-	-	128	181	V
	* 4.978	37.05	ADR	34.3	-27	0	44.35	54	-9.65	-	-	-	-	128	181	V
6	* 17.832	32.23	PK-U	41.2	-18.4	0	55.03	-	-	74	-18.97	-	-	40	372	V
	* 17.828	21.02	ADR	41.2	-18.4	0	43.82	54	-10.18	-	-	-	-	40	372	V
2	1.82	48.36	PK-U	31.2	-32.7	0	46.86	-	-	-	-	68.2	-21.34	63	103	H
3	1.994	52.6	PK-U	31.4	-31.9	0	52.1	-	-	-	-	68.2	-16.1	155	230	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 T862 (dB/m)	Amp/Cat/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNR Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.44	53.06	PK-U	28.7	-32.6	0	49.16	-	-	74	-24.84	-	-	354	104	H
	* 1.44	41.62	ADR	28.7	-32.6	0	37.72	54	-16.28	-	-	-	-	354	104	H
4	* 3.84	41.24	PK-U	33	-29.1	0	45.14	-	-	74	-28.86	-	-	284	104	H
	* 3.84	34.37	ADR	33	-29.1	0	38.27	54	-15.73	-	-	-	-	284	104	H
5	* 4.989	47.18	PK-U	34.3	-26.7	0	54.78	-	-	74	-19.22	-	-	128	177	V
	* 4.989	37.48	ADR	34.3	-26.7	0	45.08	54	-8.92	-	-	-	-	128	177	V
2	1.92	48.15	PK-U	31.2	-32.7	0	46.65	-	-	-	-	68.2	-21.55	64	101	H
3	1.994	53.99	PK-U	31.4	-31.9	0	53.49	-	-	-	-	68.2	-14.71	149	245	V
6	17.164	32.69	PK-U	41.2	-19.2	0	54.69	-	-	-	-	68.2	-13.51	7	218	V

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

PK-U - U-NII: Maximum Peak

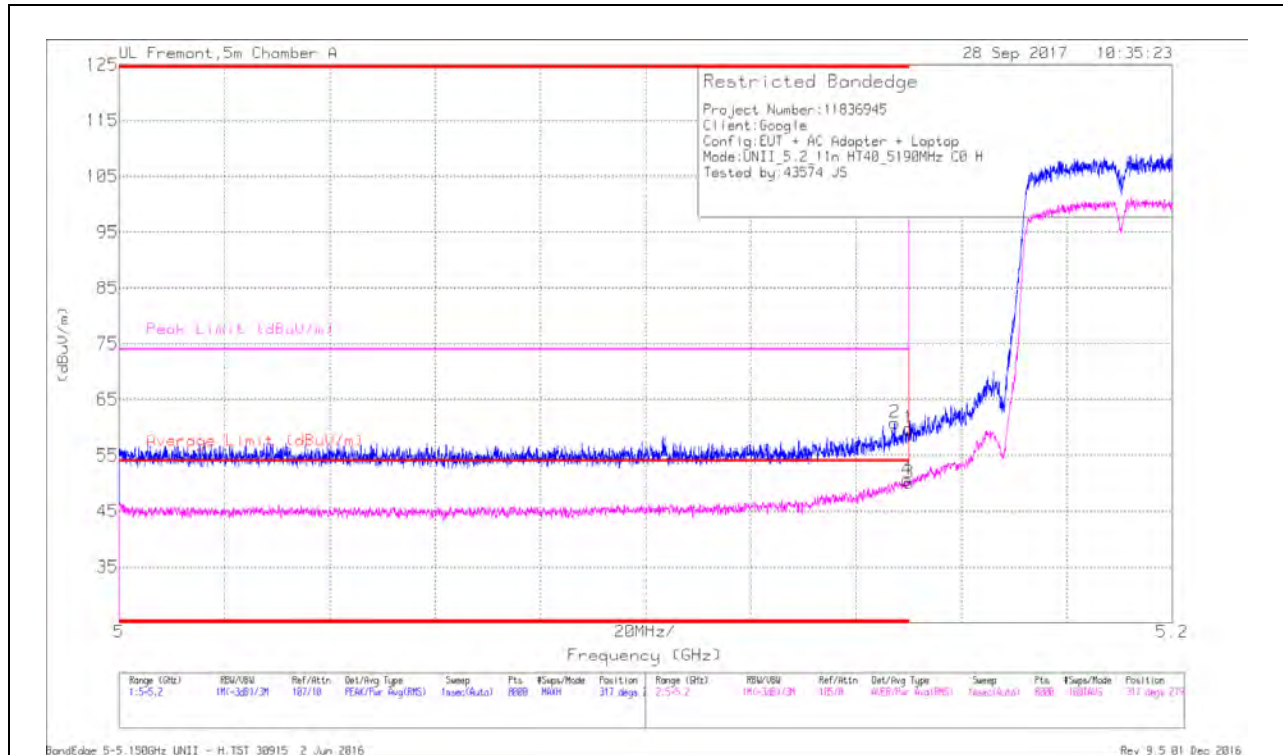
ADR - U-NII AD primary method, RMS average

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

1TX Chain 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



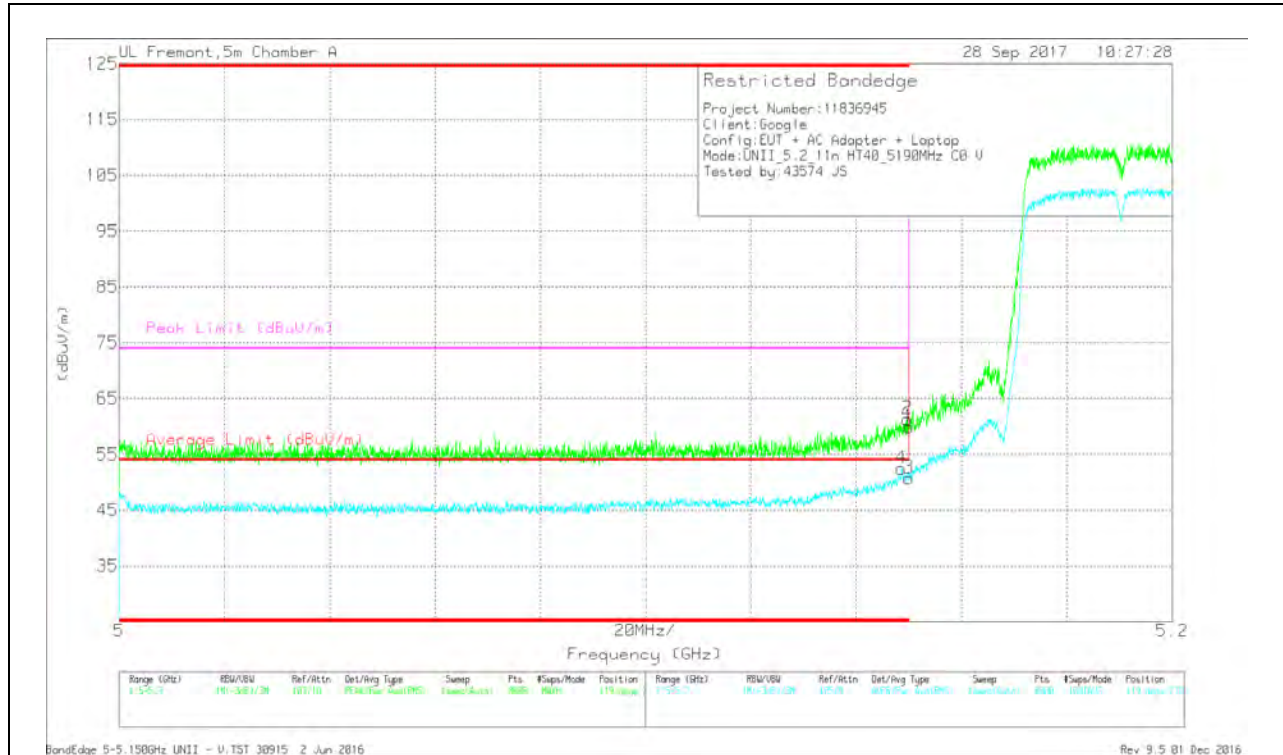
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/Ch/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.15	43.4	Pk	34.4	-18	0	59.8	-	-	74	-14.2	317	279	H
2	* 5.147	44.44	Pk	34.4	-18	0	60.84	-	-	74	-13.16	317	279	H
3	* 5.15	33.51	RMS	34.4	-18	-17	50.08	54	-3.92	-	-	317	279	H
4	* 5.15	34.02	RMS	34.4	-18	-17	50.59	54	-3.41	-	-	317	279	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 T862 (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
1	* 5.15	43.51	Pk	34.4	-18	0	59.91	-	-	74	-14.09	119	279	V
2	* 5.15	44.97	Pk	34.4	-18	0	61.37	-	-	74	-12.63	119	279	V
3	* 5.15	34.16	RMS	34.4	-18	.17	50.73	54	-3.27	-	-	119	279	V
4	* 5.149	35.91	RMS	34.4	-18	.17	52.48	54	-1.52	-	-	119	279	V

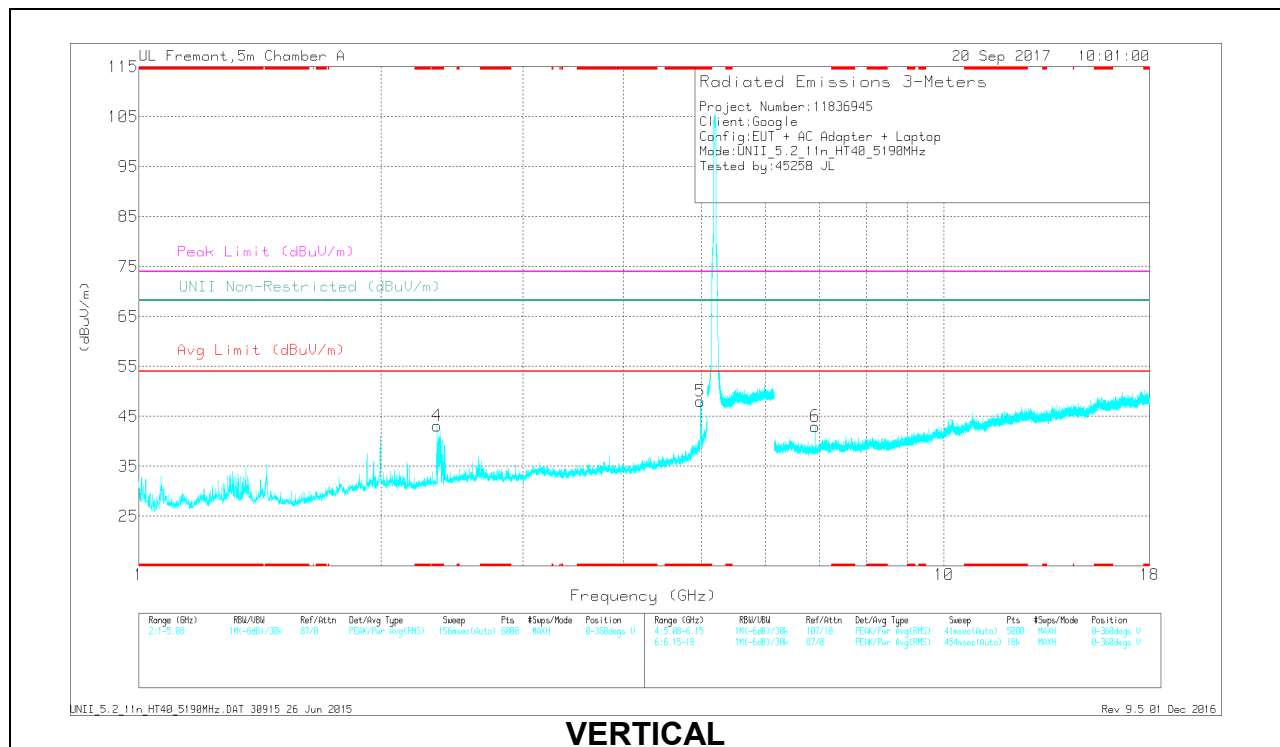
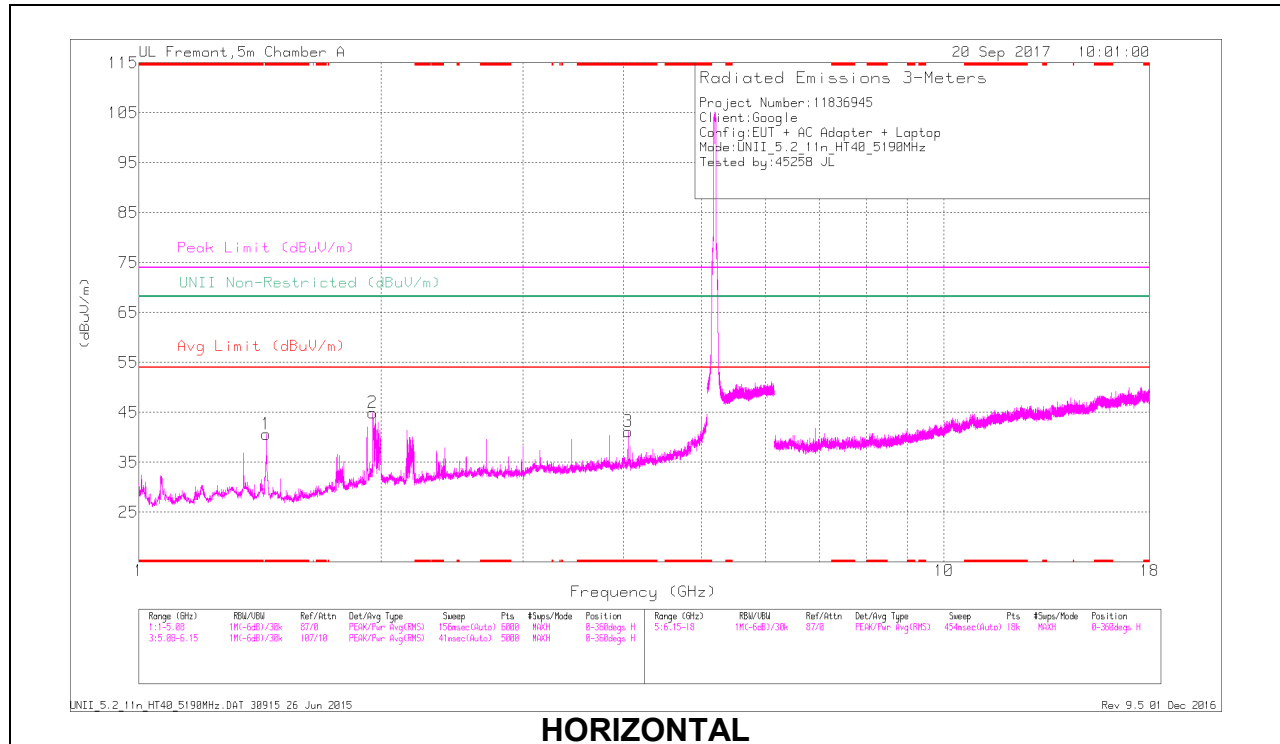
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

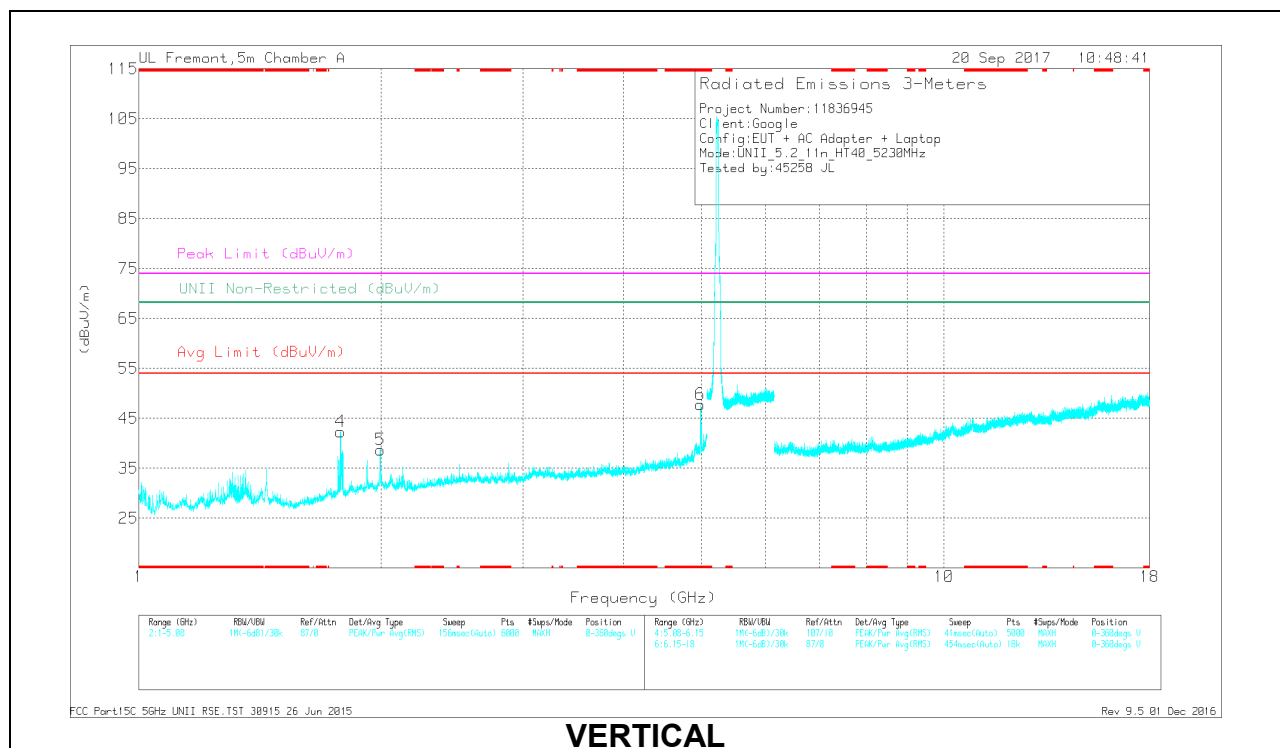
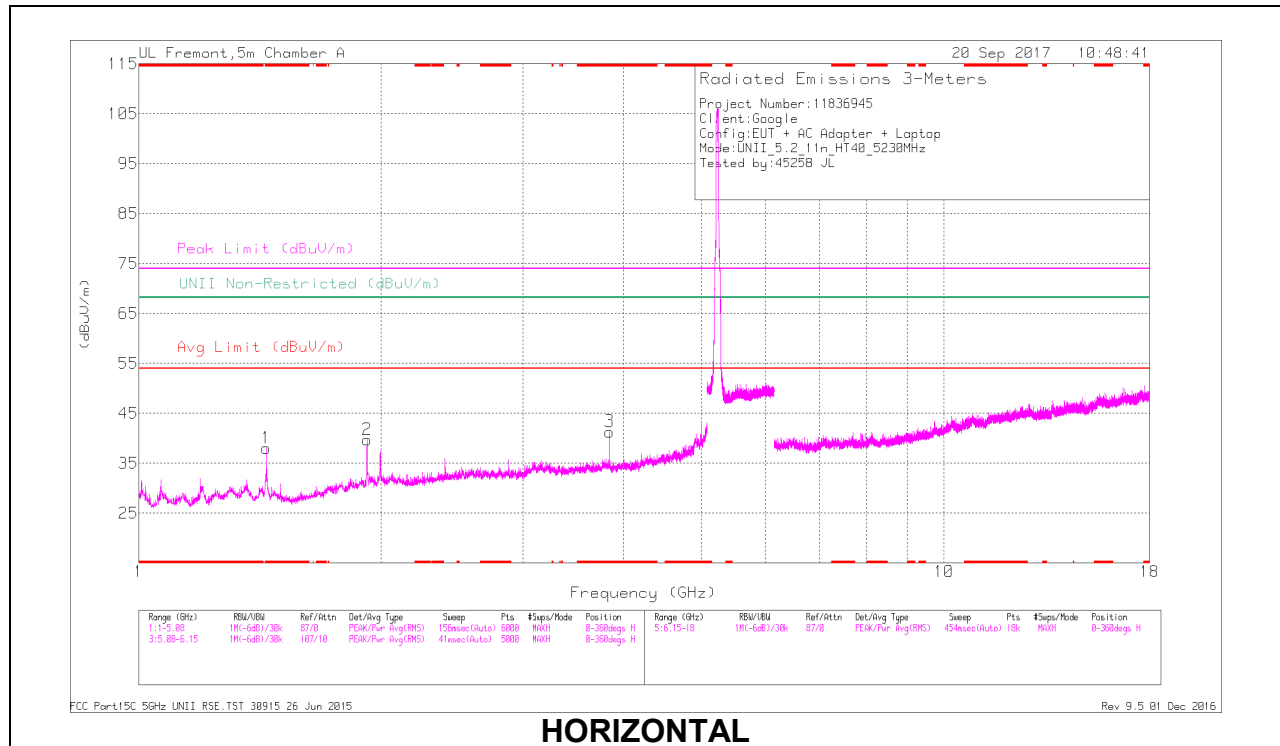
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Ctrl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.44	54.18	PK-U	28.7	-32.6	0	50.28	-	-	74	-23.72	-	-	191	102	H
	* 1.44	42.05	ADR	28.7	-32.6	.17	38.32	54	-15.68	-	-	-	-	191	102	H
3	* 4.049	38.1	PK-U	33.4	-29	0	42.5	-	-	74	-31.5	-	-	314	385	H
	* 4.051	25.77	ADR	33.4	-29.1	.17	30.24	54	-23.76	-	-	-	-	314	385	H
4	* 2.347	39.08	PK-U	31.6	-31.3	0	39.38	-	-	74	-34.62	-	-	228	101	V
	* 2.348	27.17	ADR	31.6	-31.3	.17	27.64	54	-26.36	-	-	-	-	228	101	V
5	* 4.979	46.65	PK-U	34.3	-27	0	53.95	-	-	74	-20.05	-	-	218	194	V
	* 4.979	38.48	ADR	34.3	-27	.17	43.95	54	-10.05	-	-	-	-	218	194	V
2	1.954	39.65	PK-U	31.4	-32.1	0	38.95	-	-	-	-	68.2	-29.25	195	141	H
6	6.92	35.52	PK-U	35.6	-24.6	0	46.52	-	-	-	-	68.2	-21.68	199	178	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

Markers	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Ctrl/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	* 1.44	51.45	PK-U	28.7	-32.6	0	47.55	-	-	74	-26.45	-	-	325	225	H
	* 1.44	36.54	ADR	28.7	-32.6	.17	32.81	54	-21.19	-	-	-	-	325	225	H
3	* 3.84	38.27	PK-U	33	-29.1	0	42.17	-	-	74	-31.83	-	-	263	117	H
	* 3.84	27.36	ADR	33	-29.1	.17	31.43	54	-22.57	-	-	-	-	263	117	H
6	* 4.979	46.45	PK-U	34.3	-27	0	53.75	-	-	74	-20.25	-	-	257	159	V
	* 4.979	36.11	ADR	34.3	-27	.17	43.58	54	-10.42	-	-	-	-	257	159	V
4	1.779	43.4	PK-U	30	-32.2	0	41.2	-	-	-	-	68.2	-27	260	253	V
2	1.92	43.25	PK-U	31.2	-32.7	0	41.75	-	-	-	-	68.2	-26.45	239	228	H
5	1.994	48.37	PK-U	31.4	-31.9	0	47.87	-	-	-	-	68.2	-20.33	231	266	V

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

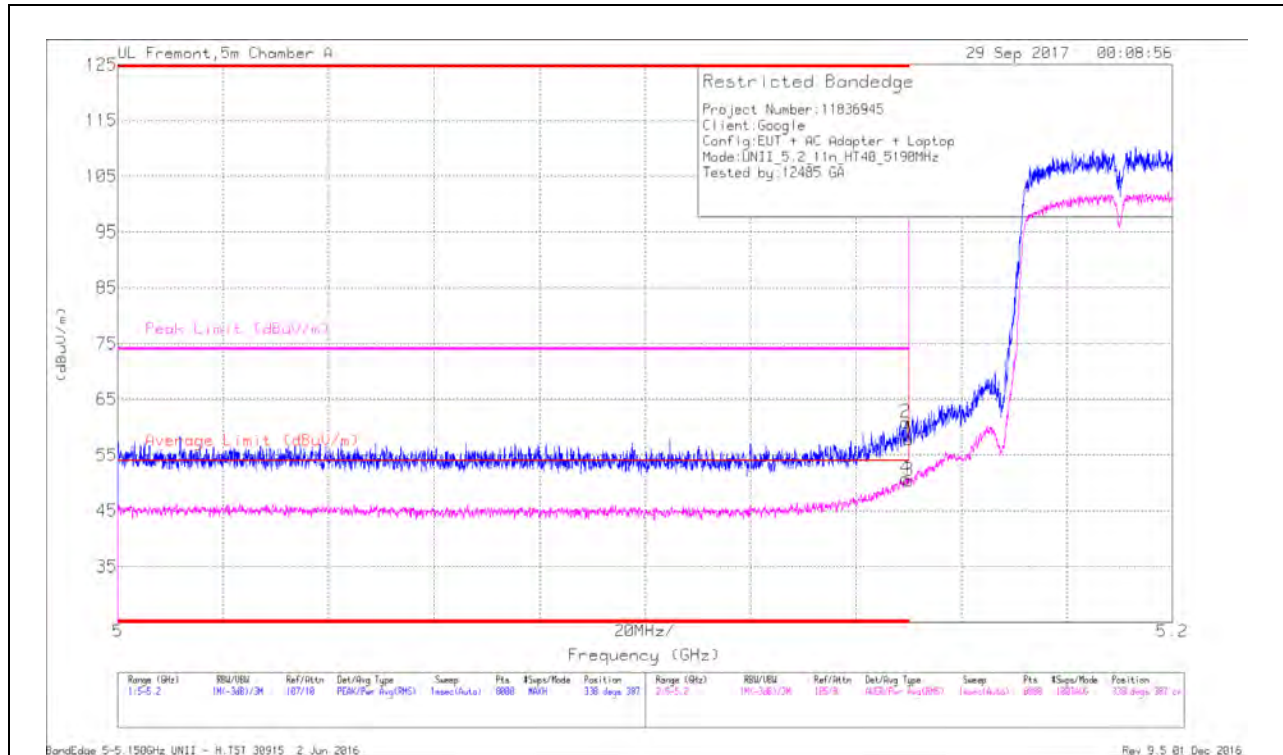
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

1TX Chain 1

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



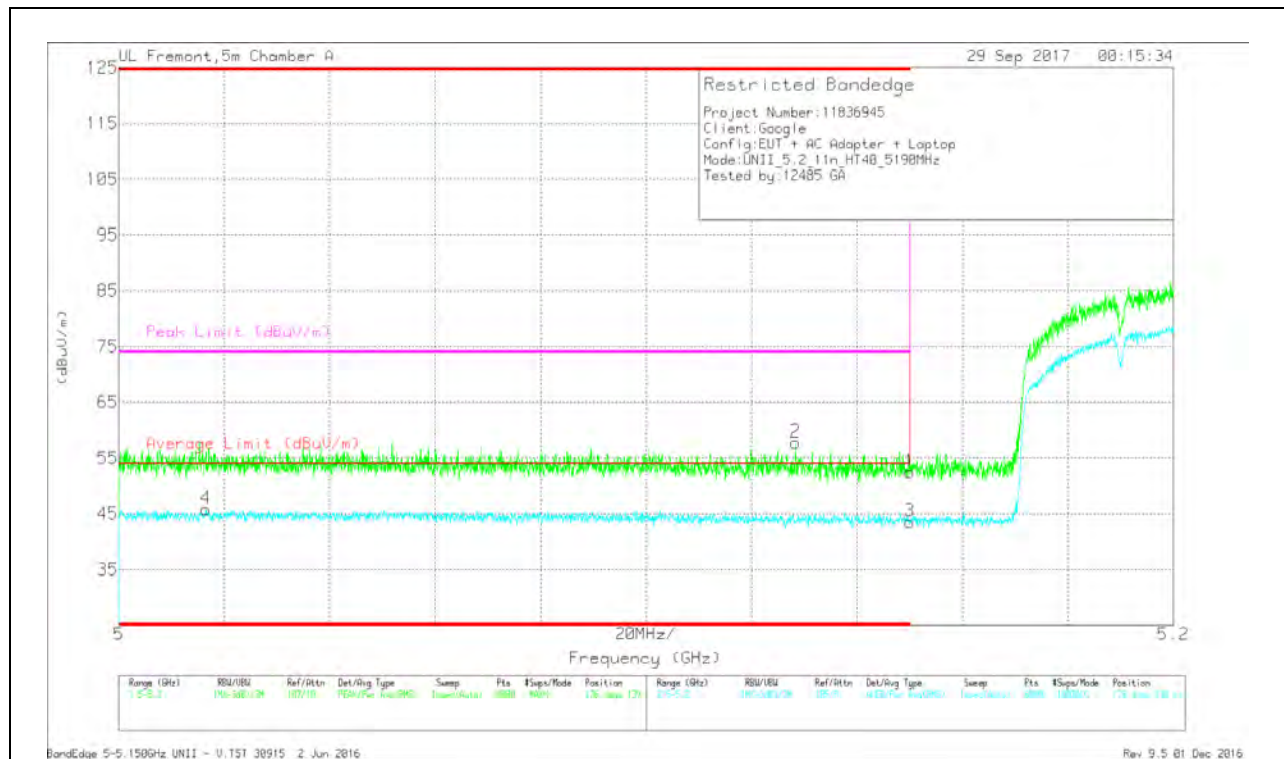
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	41.49	Pk	34.4	-18	0	57.39	-	-	74	-16.11	338	387	H
2	* 5.149	44.39	Pk	34.4	-18	0	60.79	-	-	74	-13.21	338	387	H
3	* 5.15	33.87	RMS	34.4	-18	.12	50.39	54	-3.61	-	-	338	387	H
4	* 5.149	34.28	RMS	34.4	-18	.12	50.8	54	-3.2	-	-	338	387	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 T862 (dBim)	Amp/CbV/Flt/Pad y (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	36.09	Pk	34.4	-18	0	52.49	-	-	74	-21.51	126	139	V
2	* 5.128	41.4	Pk	34.4	-18	0	57.8	-	-	74	-16.2	126	139	V
3	* 5.15	27.11	RMS	34.4	-18	.12	43.63	54	-10.37	-	-	126	139	V
4	* 5.017	29.12	RMS	34.3	-17.7	.12	45.84	54	-8.16	-	-	126	139	V

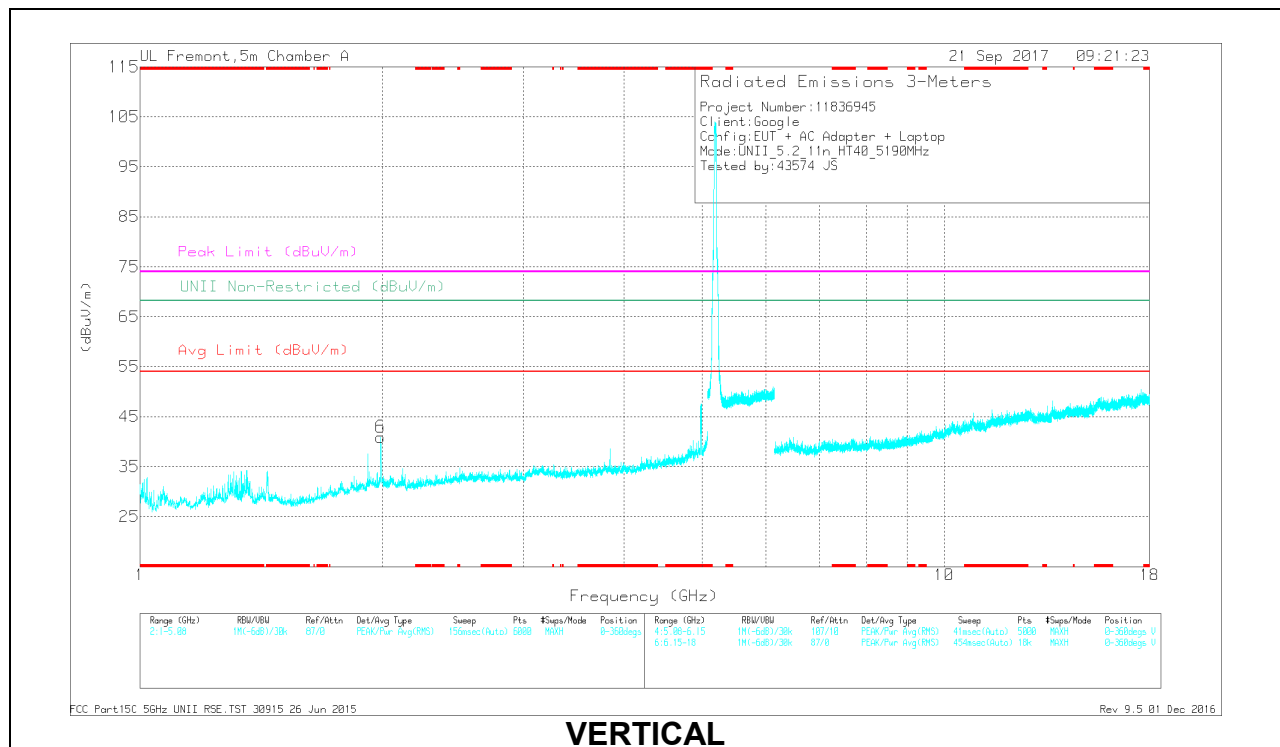
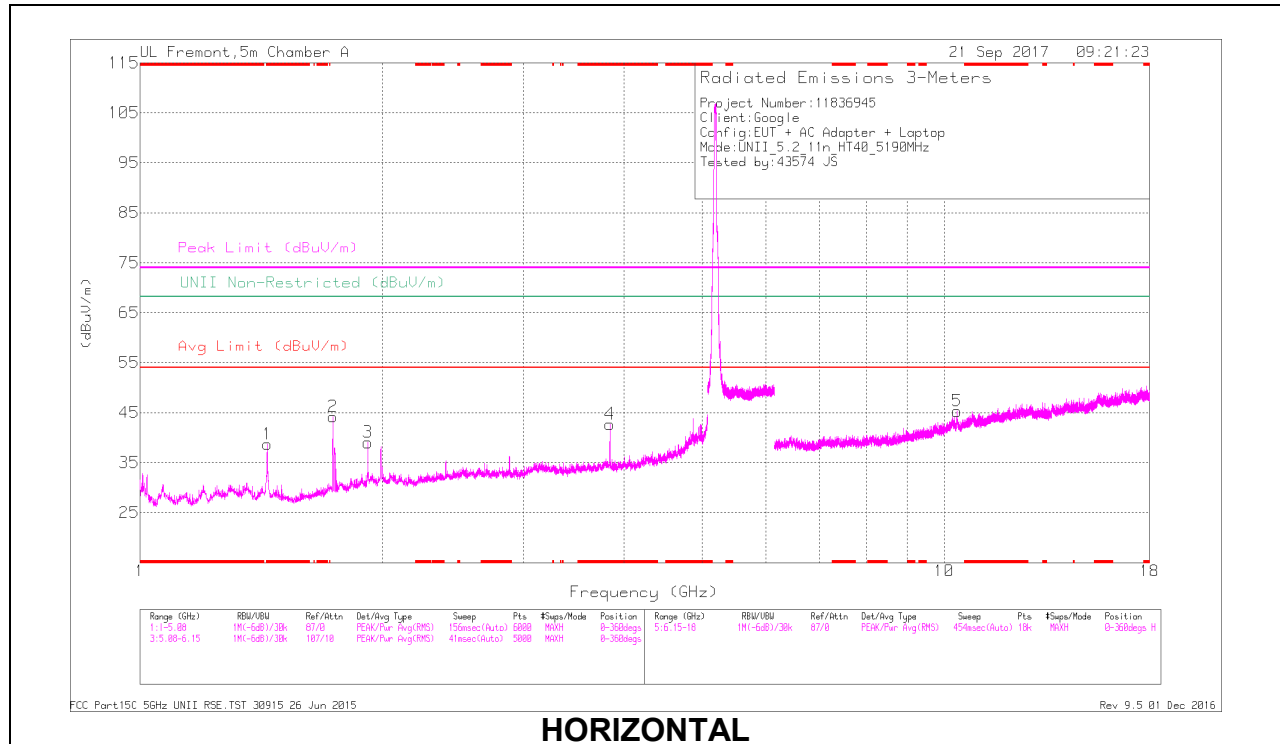
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

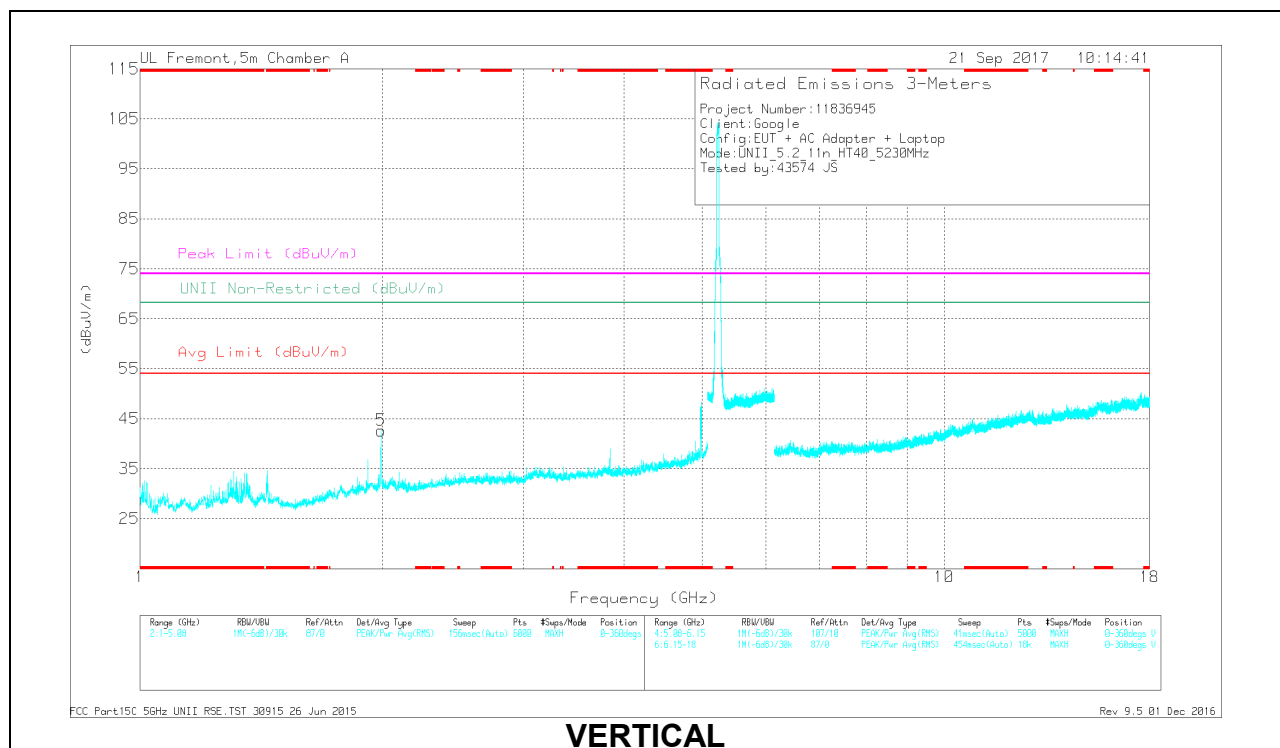
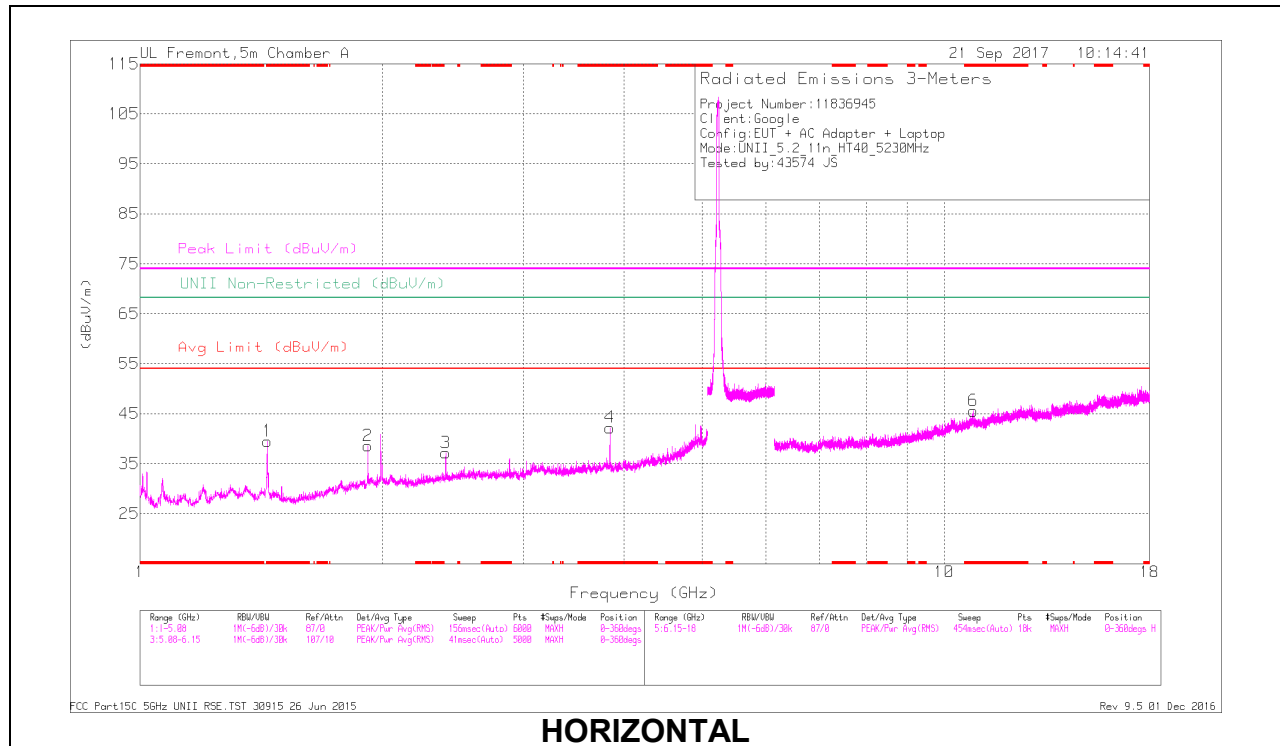
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Ctrl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.44	51.53	PK-U	28.7	-32.6	0	47.63	-	-	74	-26.37	-	-	68	233	H
	* 1.44	40.54	ADR	28.7	-32.6	-12	36.76	54	-17.24	-	-	-	-	68	233	H
4	* 3.84	43.24	PK-U	33	-29.1	0	47.14	-	-	74	-26.86	-	-	333	113	H
	* 3.84	37.9	ADR	33	-29.1	-12	41.92	54	-12.08	-	-	-	-	333	113	H
2	1.736	39.14	PK-U	29.5	-32	0	36.64	-	-	-	-	68.2	-31.56	239	192	H
3	1.92	45.91	PK-U	31.2	-32.7	0	44.41	-	-	-	-	68.2	-23.79	268	200	H
6	1.993	52.21	PK-U	31.4	-31.9	0	51.71	-	-	-	-	68.2	-16.49	231	243	V
5	10.37	34.32	PK-U	37.5	-20.5	0	51.32	-	-	-	-	68.2	-16.88	302	116	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cat/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.44	51.9	PK-U	28.7	-32.6	0	48	-	-	74	-26	-	-	65	177	H
	* 1.44	40.39	ADR	28.7	-32.6	.12	36.61	54	-17.39	-	-	-	-	65	177	H
4	* 3.84	43.04	PK-U	33	-29.1	0	46.94	-	-	74	-27.06	-	-	336	111	H
	* 3.84	37.62	ADR	33	-29.1	.12	41.64	54	-12.36	-	-	-	-	336	111	H
6	* 10.868	31.59	PK-U	37.9	-19	0	50.49	-	-	74	-23.51	-	-	45	128	H
	* 10.87	20.08	ADR	37.9	-19	.12	39.10	54	-14.9	-	-	-	-	45	128	H
2	1.92	46.04	PK-U	31.2	-32.7	0	44.54	-	-	-	-	68.2	-23.66	266	199	H
5	1.993	49.27	PK-U	31.4	-31.9	0	48.77	-	-	-	-	68.2	-19.43	238	117	V
3	2.4	42.35	PK-U	31.8	-31.5	0	42.65	-	-	-	-	68.2	-25.55	22	229	H

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

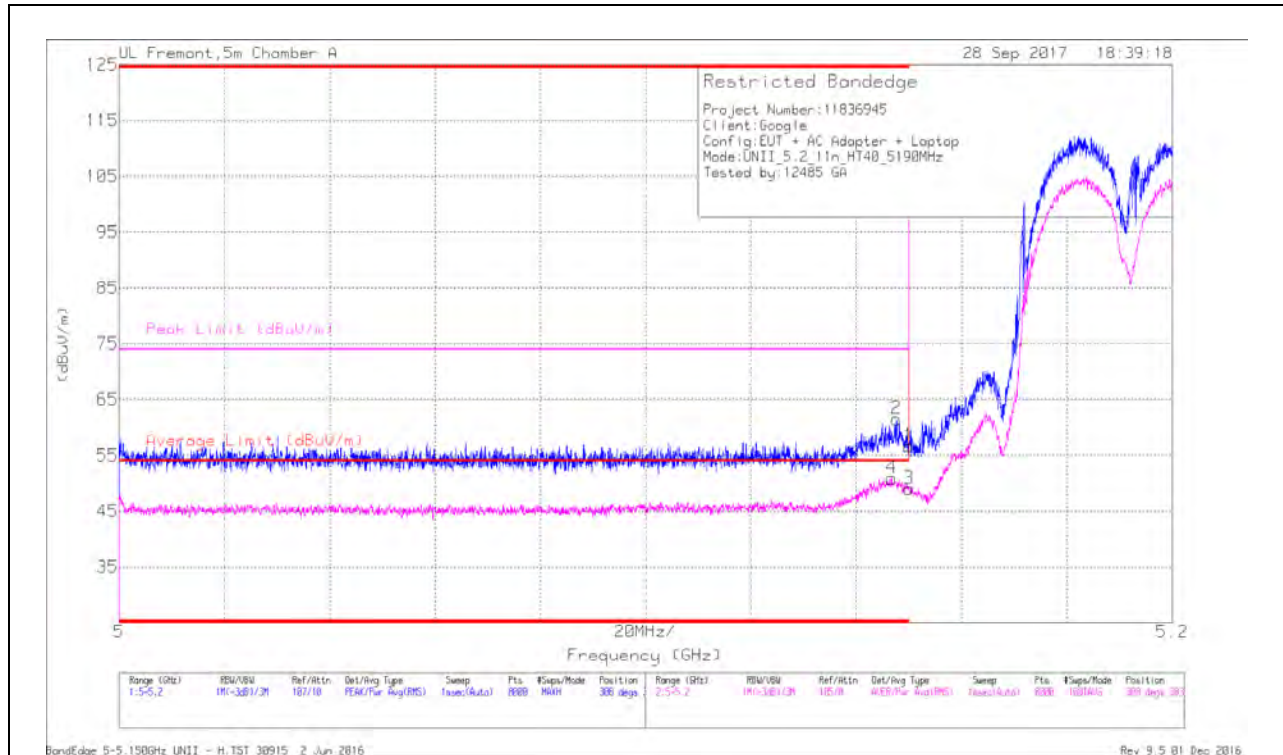
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX Chain 0 + Chain 1 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



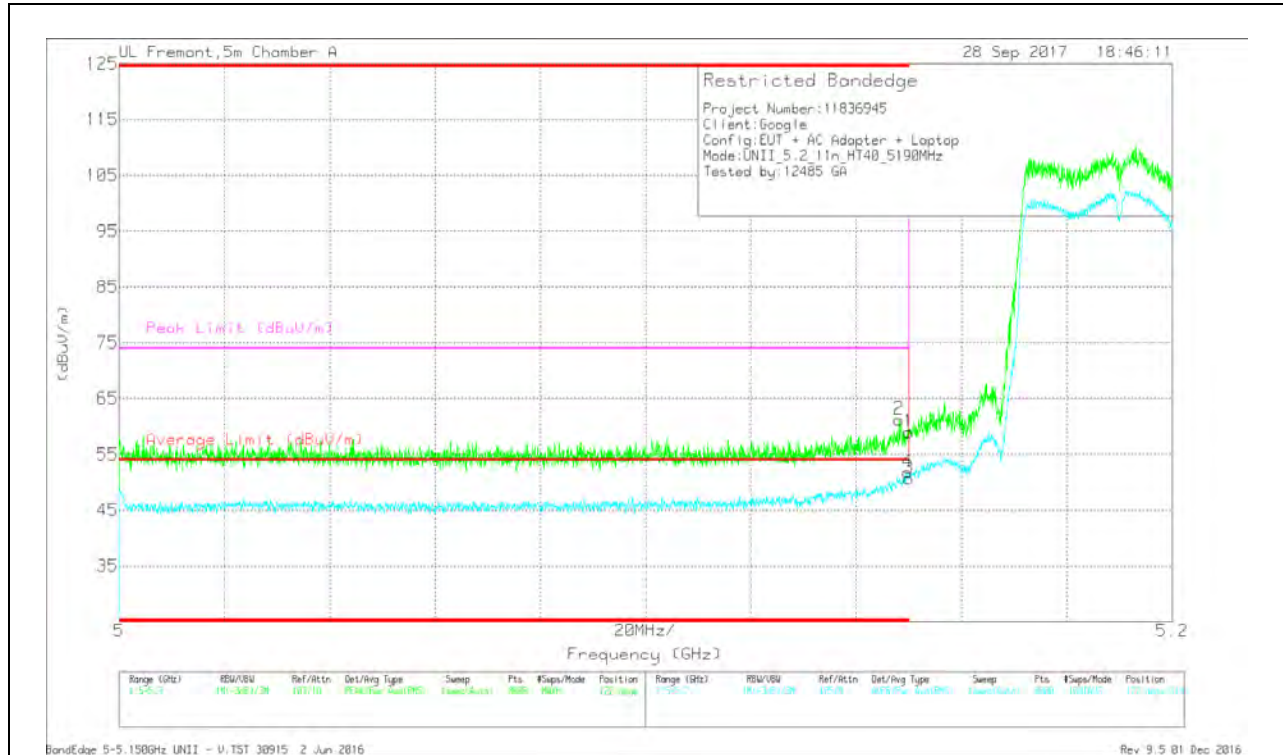
Marker	Frequency (GHz)	Meter Reading (dBuV)	Dot	AF T662 (dBm)	Amp/CbI/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 5.147	34.35	RMS	34.4	-18	.14	50.89	54	-3.11	-	-	308	303	H
2	* 5.148	45.11	Pk	34.4	-18	0	61.51	-	-	74	-12.49	308	303	H
1	* 5.15	40.29	Pk	34.4	-18	0	56.69	-	-	74	-17.31	308	303	H
3	* 5.15	32.46	RMS	34.4	-18	.14	49	54	-5	-	-	308	303	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 T662 (dBm)	Amp/CbIfFtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Dege)	Height (cm)	Polarity
2	* 5.148	44.85	Pk	34.4	-18	0	61.25	-	-	74	-12.75	122	348	V
1	* 5.15	42.59	Pk	34.4	-18	0	58.99	-	-	74	-15.01	122	348	V
3	* 5.15	34.17	RMS	34.4	-18	.14	50.71	54	-3.29	-	-	122	348	V
4	* 5.15	35.22	RMS	34.4	-18	.14	51.76	54	-2.24	-	-	122	348	V

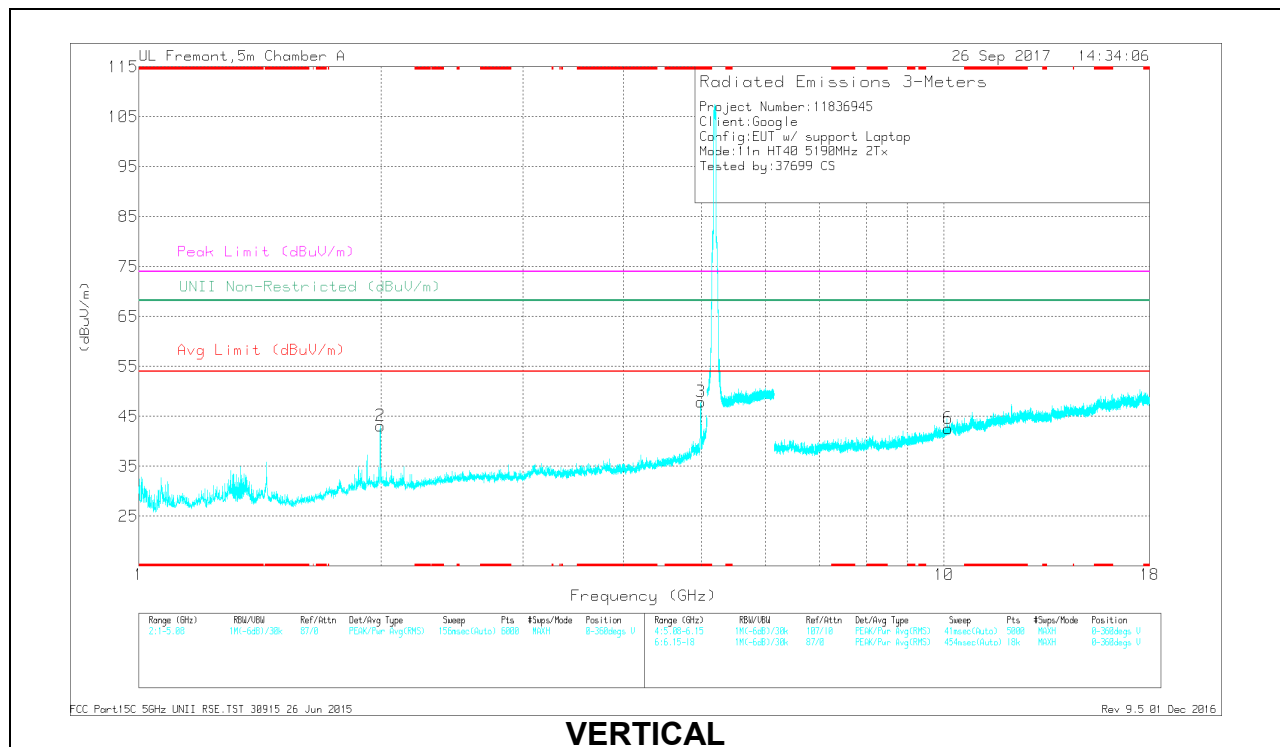
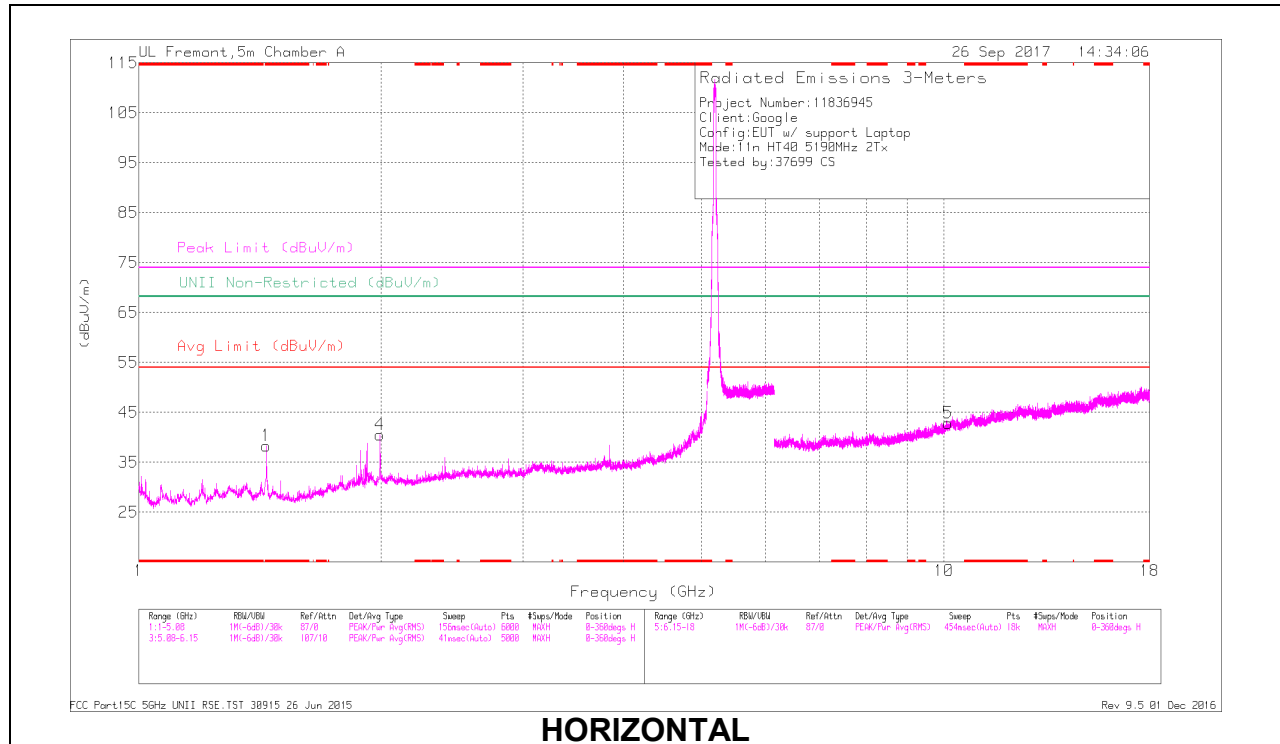
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cts/Ftr/Pad (dB)	DC Corr (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
1	* 1.44	52	PK-U	28.7	-32.6	0	48.1	-	-	74	-25.9	-	-	302	118	H
	* 1.44	40.1	ADR	28.7	-32.6	-14	36.34	54	-17.66	-	-	-	-	302	118	H
3	* 4.989	46.24	PK-U	34.3	-26.7	0	53.94	-	-	74	-20.16	-	-	268	212	V
	* 4.989	35.43	ADR	34.3	-26.7	-14	43.17	54	-10.83	-	-	-	-	268	212	V
4	1.993	43.97	PK-U	31.4	-31.9	0	43.47	-	-	-	-	68.2	-24.73	179	400	H
2	1.996	47.85	PK-U	31.4	-31.8	0	47.45	-	-	-	-	68.2	-20.75	14	277	V
5	10.114	32.73	PK-U	37.4	-21.1	0	49.03	-	-	-	-	68.2	-19.17	195	101	H
6	10.12	32.41	PK-U	37.4	-21.2	0	48.61	-	-	-	-	68.2	-19.59	224	142	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

