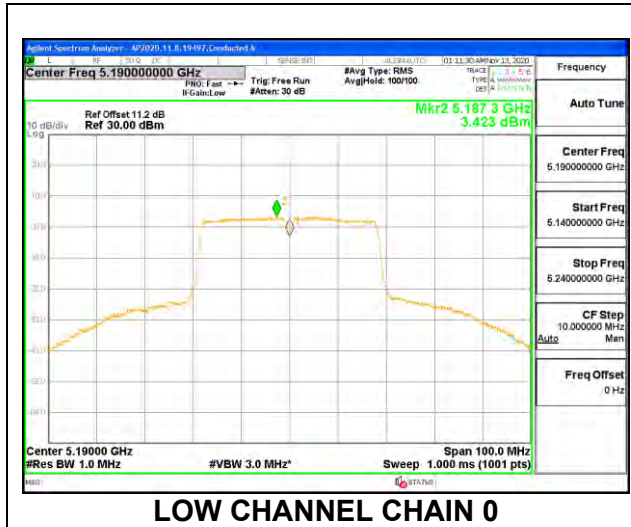
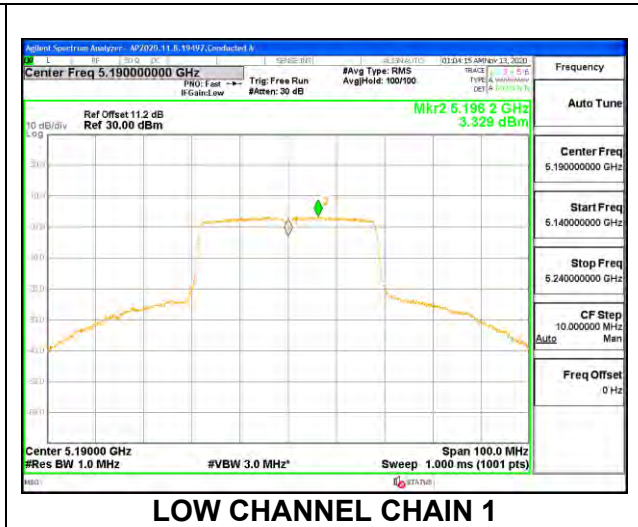


LOW CHANNEL

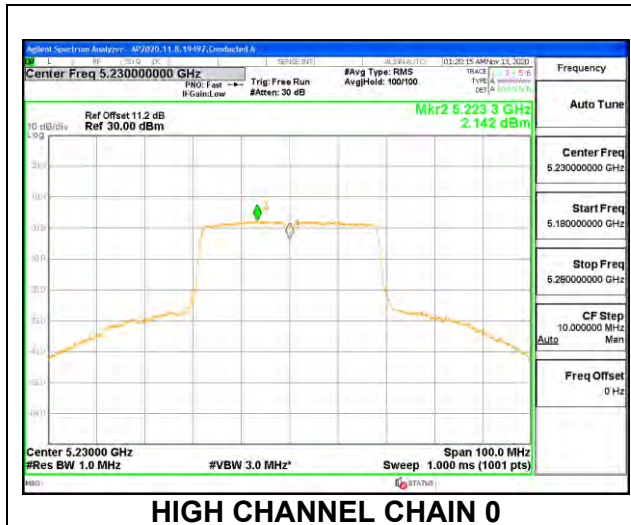


LOW CHANNEL CHAIN 0

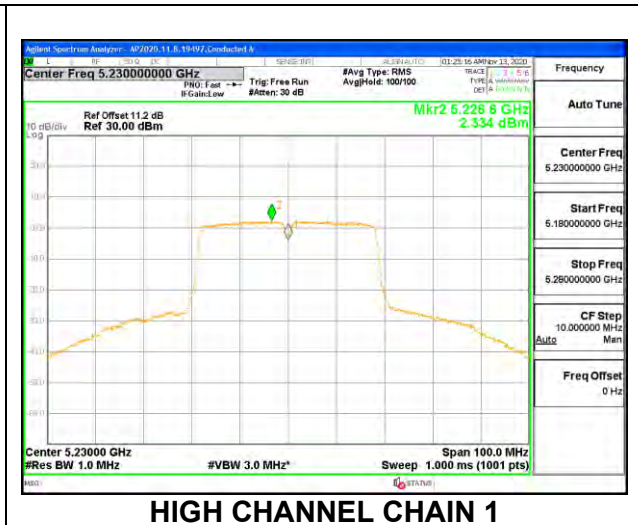


LOW CHANNEL CHAIN 1

HIGH CHANNEL



HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1

(IC)

Test Engineer:	45256 JB
Test Date:	11/13/2020

(Note: IC PSD was tested by radiated method)

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 99% BW (MHz)
Low	5190	36.077
High	5230	36.113

Limits

Channel	Frequency (MHz)	ISED EIRP Limit (dBm)	ISED eirp PSD Limit (dBm/ 1MHz)
Low	5190	23.00	10.00
High	5230	23.00	10.00

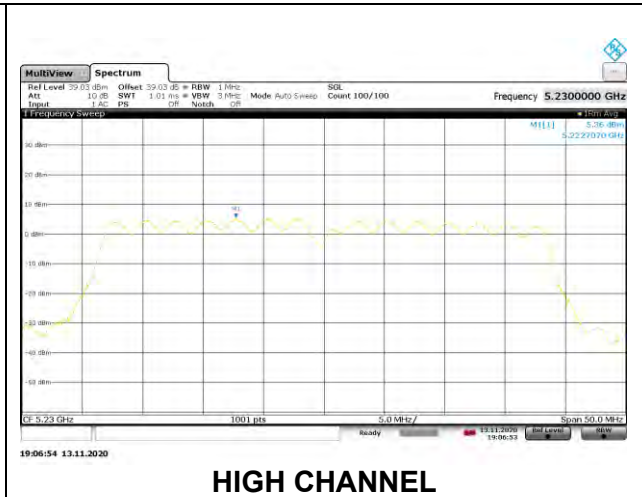
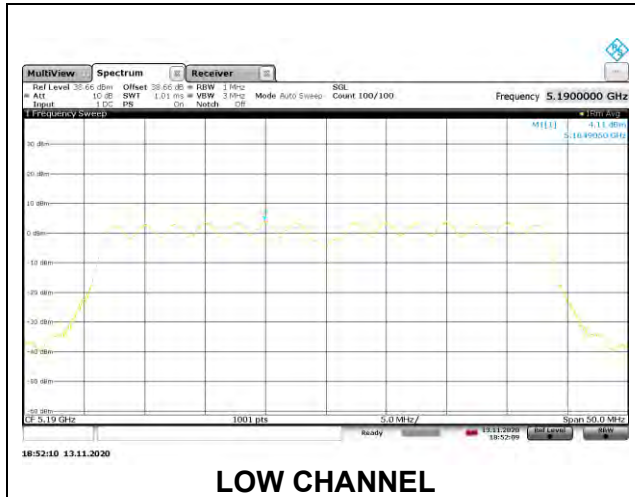
Duty Cycle CF (dB)	0.34	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	16.39	23.00	-6.61
High	5230	16.26	23.00	-6.74

PSD Results

Channel	Frequency (MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	4.45	10.00	-5.55
High	5230	5.70	10.00	-4.30



9.5.4. 802.11ac VHT80 MODE IN THE 5.2 GHz BAND

2TX CHAIN 0 + CHAIN 1 (FCC)

Test Engineer:	19497 AF
Test Date:	11/13/2020

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	2.60	2.60	24.00	11.00

Duty Cycle CF (dB)	0.66	Included in Calculations of Corr'd PSD
---------------------------	------	---

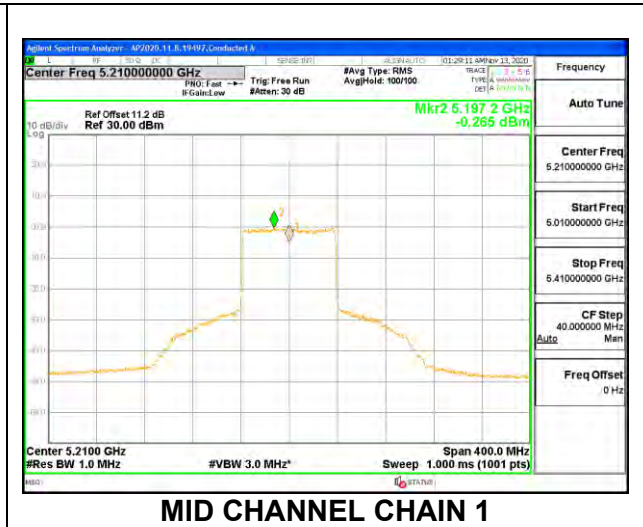
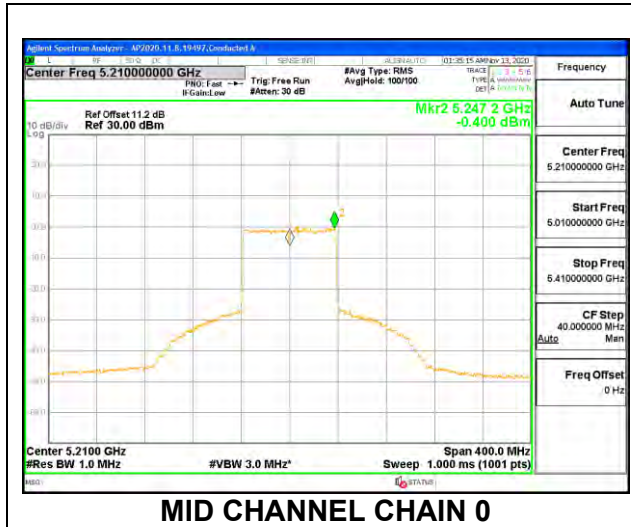
Output Power Results

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	5210	12.87	13.88	16.41	24.00	-7.59

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)
Mid	5210	-0.400	-0.265	3.34	11.00	-7.66

MID CHANNEL



(IC)

Test Engineer:	45256 JB
Test Date:	11/13/2020

(Note: IC PSD was tested by radiated method)

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 99% BW (MHz)
Mid	5210	75.808

Limits

Channel	Frequency (MHz)	ISED EIRP Limit (dBm)	ISED eirp PSD Limit (dBm/ 1MHz)
Mid	5210	23.00	10.00

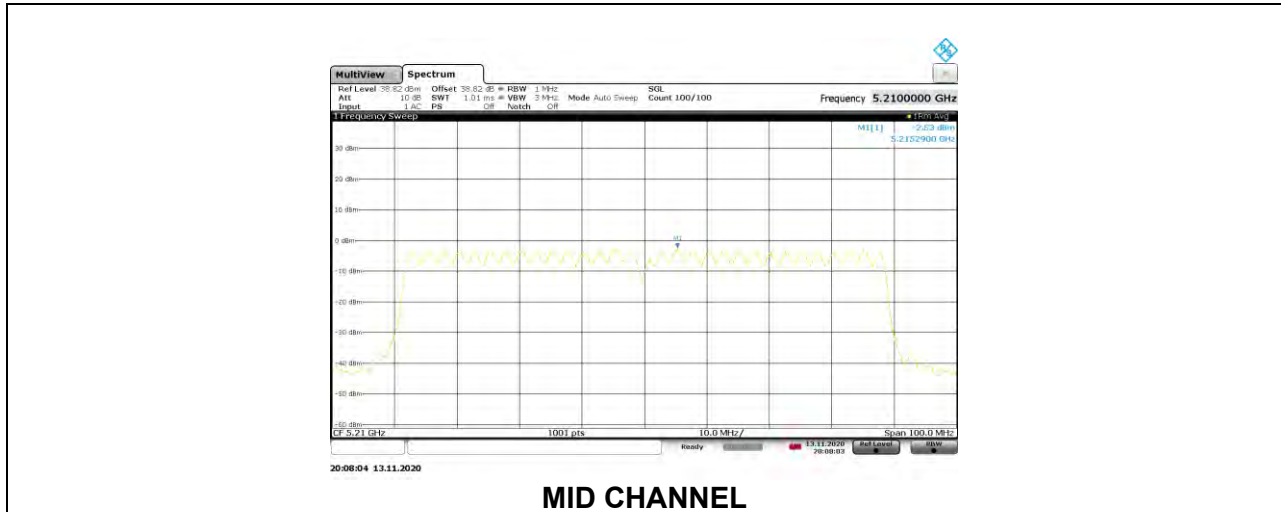
Duty Cycle CF (dB)	0.66	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	12.25	23.00	-10.75

PSD Results

Channel	Frequency (MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	-1.87	10.00	-11.87



9.5.5. 802.11a MODE IN THE 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1 (FCC+IC)

Test Engineer:	12485 GA
Test Date:	11/05/2020

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PPSD (dBi)
Low	5260	20.40	16.520	3.20	3.20
Mid	5300	20.70	16.543	3.20	3.20
High	5320	20.70	16.520	3.20	3.20

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PPSD Limit (dBm)	IC PSD Limit (dBm)	PPSD Limit (dBm)
Low	5260	24.00	23.18	29.18	23.18	11.00	11.00	11.00
Mid	5300	24.00	23.19	29.19	23.19	11.00	11.00	11.00
High	5320	24.00	23.18	29.18	23.18	11.00	11.00	11.00

Duty Cycle CF (dB)	0.16	Included in Calculations of Corr'd PPSD
---------------------------	------	--

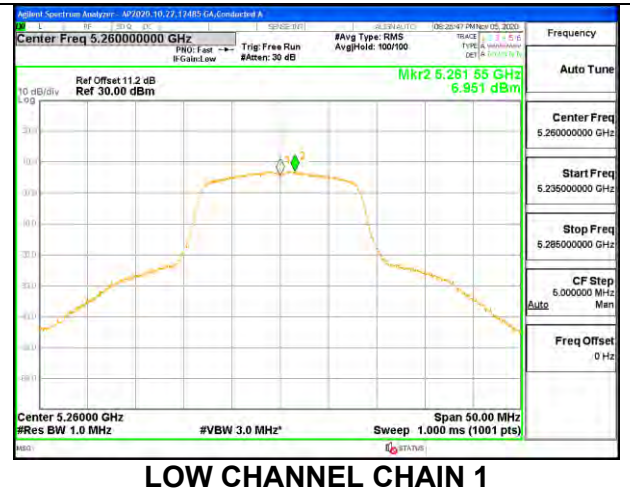
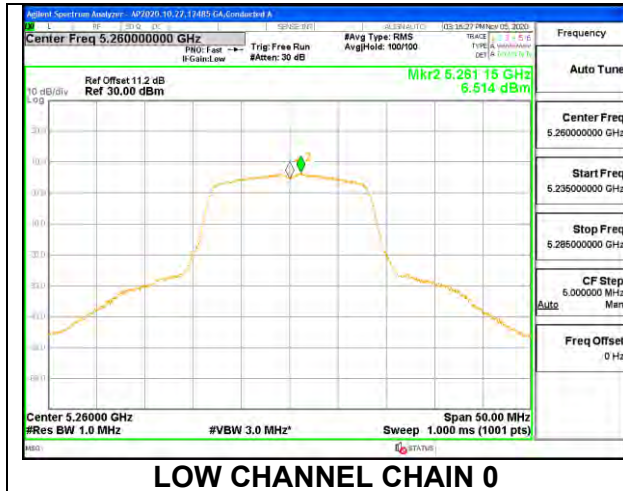
Output Power Results

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	5260	13.00	14.05	16.57	23.18	-6.61
Mid	5300	13.05	14.02	16.57	23.19	-6.61
High	5320	15.98	16.83	19.44	23.18	-3.74

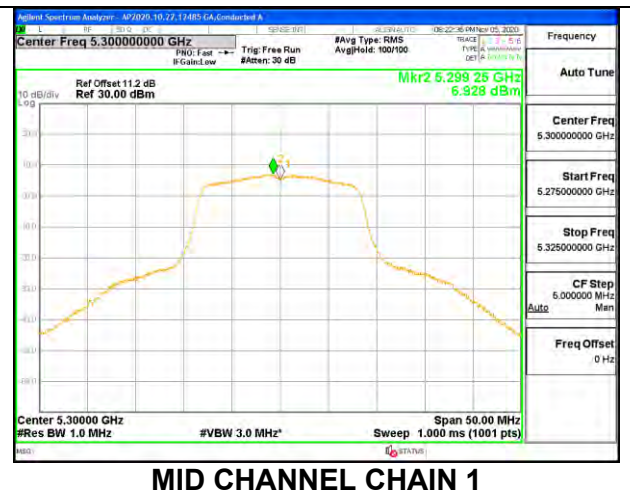
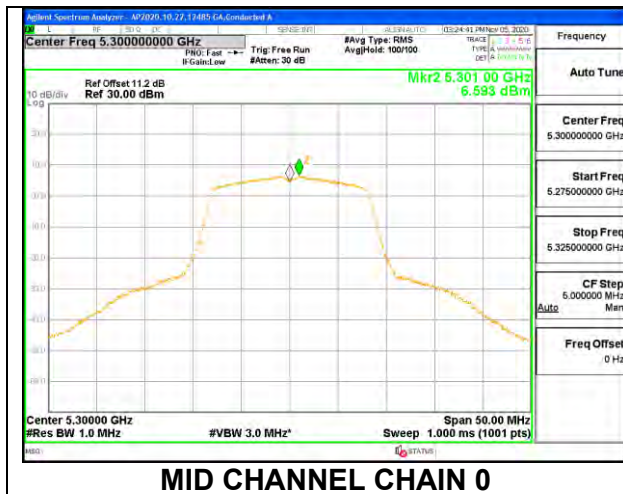
PPSD Results

Channel	Frequency (MHz)	Chain 0 Meas PPSD (dBm/ 1MHz)	Chain 1 Meas PPSD (dBm/ 1MHz)	Total Corr'd PPSD (dBm/ 1MHz)	PPSD Limit (dBm/ 1MHz)	PPSD Margin (dB)
Low	5260	6.514	6.951	9.91	11.00	-1.09
Mid	5300	6.593	6.928	9.93	11.00	-1.07
High	5320	6.174	6.691	9.61	11.00	-1.39

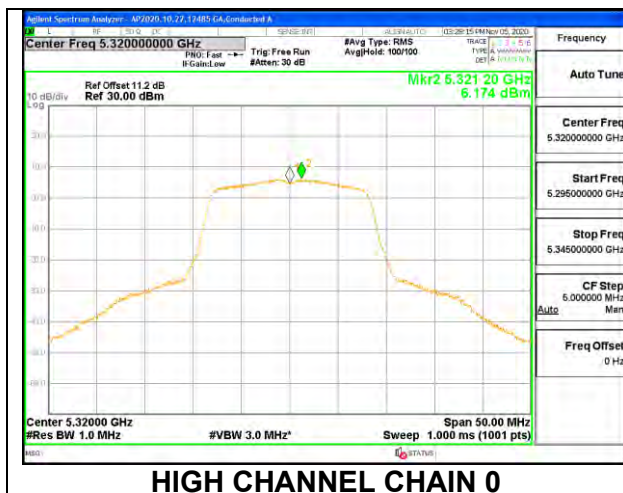
LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



9.5.6. 802.11n HT20 MODE IN THE 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1 (FCC+IC)

Test Engineer:	12485 GA
Test Date:	11/05/2020

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PPSD (dBi)
Low	5260	20.95	17.627	3.20	3.20
Mid	5300	20.75	17.629	3.20	3.20
High	5320	20.90	17.598	3.20	3.20

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PPSD Limit (dBm)	IC PSD Limit (dBm)	PPSD Limit (dBm)
Low	5260	24.00	23.46	29.46	23.46	11.00	11.00	11.00
Mid	5300	24.00	23.46	29.46	23.46	11.00	11.00	11.00
High	5320	24.00	23.45	29.45	23.45	11.00	11.00	11.00

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

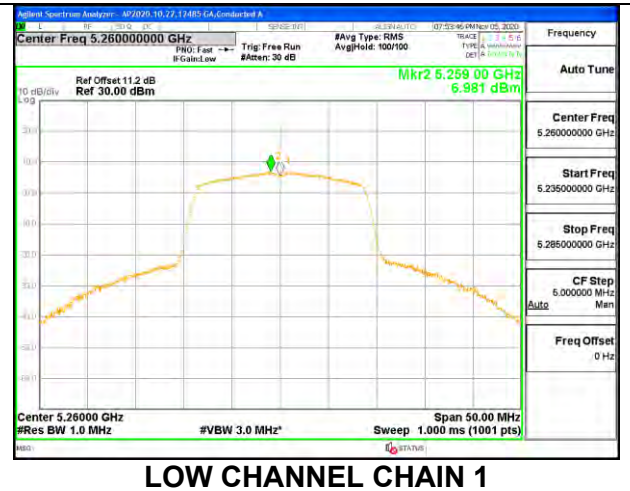
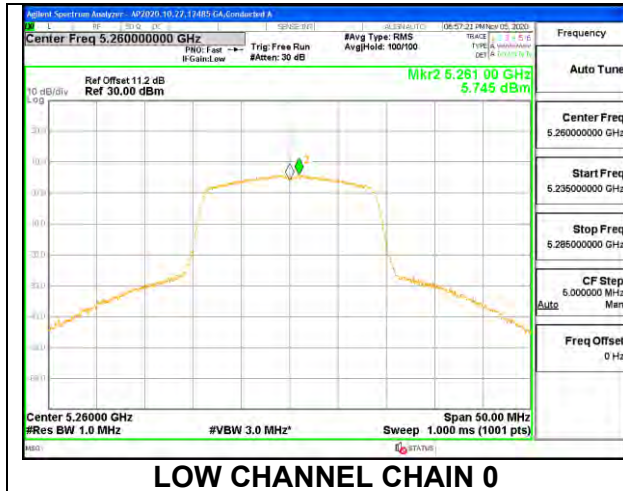
Output Power Results

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	5260	15.74	16.90	19.37	23.46	-4.09
Mid	5300	15.84	16.94	19.44	23.46	-4.03
High	5320	15.82	16.84	19.37	23.45	-4.08

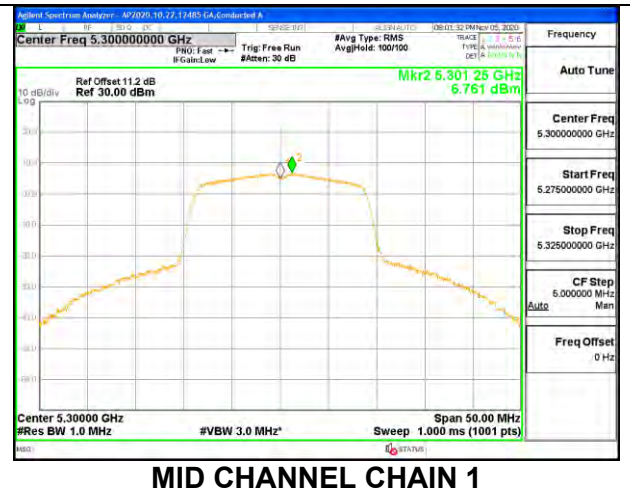
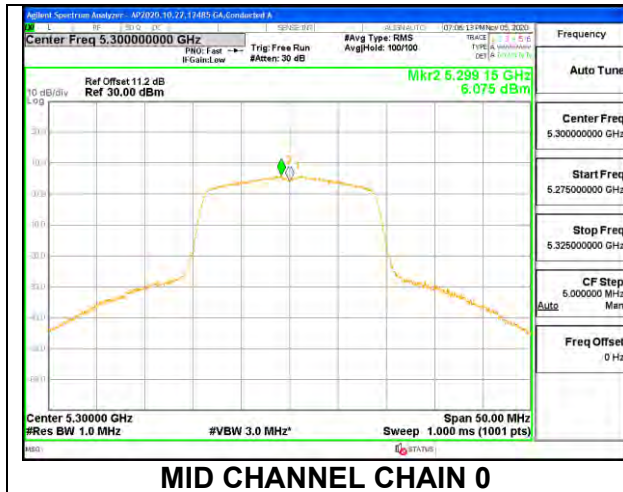
PPSD Results

Channel	Frequency (MHz)	Chain 0 Meas PPSD (dBm/ 1MHz)	Chain 1 Meas PPSD (dBm/ 1MHz)	Total Corr'd PPSD (dBm/ 1MHz)	PPSD Limit (dBm/ 1MHz)	PPSD Margin (dB)
Low	5260	5.745	6.981	9.60	11.00	-1.40
Mid	5300	6.075	6.761	9.62	11.00	-1.38
High	5320	5.668	6.860	9.50	11.00	-1.50

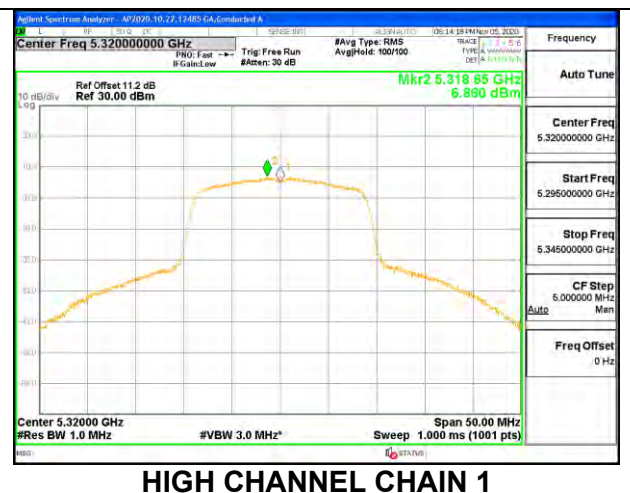
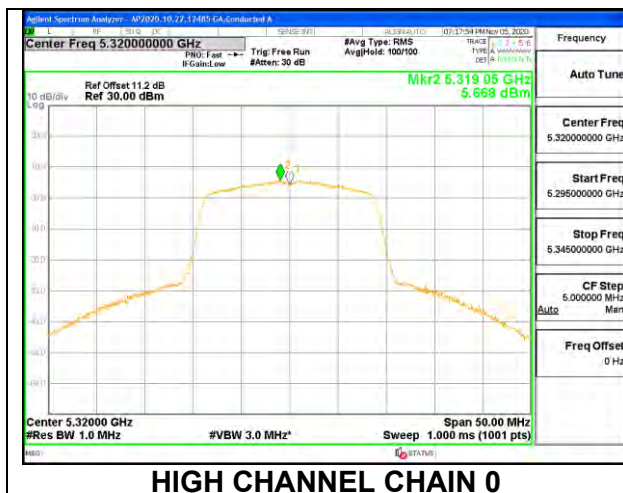
LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



9.5.7. 802.11n HT40 MODE IN THE 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1 (FCC+IC)

Test Engineer:	12485 GA
Test Date:	11/05/2020

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PPSD (dBi)
Low	5270	42.00	36.022	3.20	3.20
High	5310	41.70	36.001	3.20	3.20

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PPSD Limit (dBm)	IC PSD Limit (dBm)	PPSD Limit (dBm)
Low	5270	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5310	24.00	24.00	30.00	24.00	11.00	11.00	11.00

Duty Cycle CF (dB)	0.34	Included in Calculations of Corr'd PPSD
---------------------------	------	--

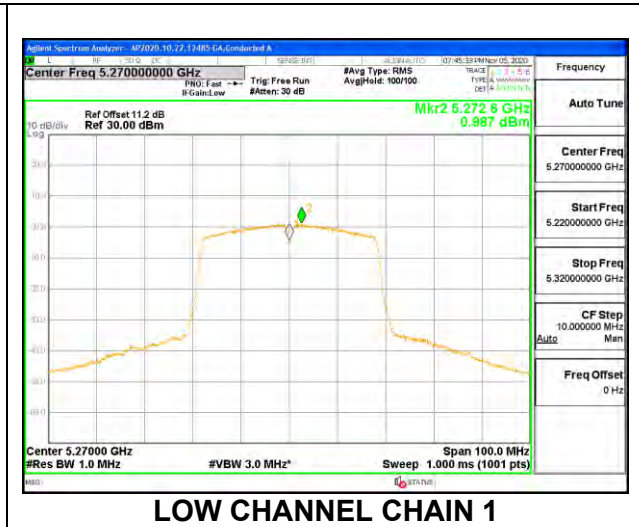
Output Power Results

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	5270	16.02	16.95	19.52	24.00	-4.48
High	5310	13.15	13.96	16.58	24.00	-7.42

PPSD Results

Channel	Frequency (MHz)	Chain 0 Meas PPSD (dBm/ 1MHz)	Chain 1 Meas PPSD (dBm/ 1MHz)	Total Corr'd PPSD (dBm/ 1MHz)	PPSD Limit (dBm/ 1MHz)	PPSD Margin (dB)
Low	5270	0.351	0.987	4.03	11.00	-6.97
High	5310	0.189	0.894	3.91	11.00	-7.09

LOW CHANNEL



HIGH CHANNEL



9.5.8. 802.11ac VHT80 MODE IN THE 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1 (FCC+IC)

Test Engineer:	12485 GA
Test Date:	11/05/2020

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PPSD (dBi)
Mid	5290	82.00	74.877	3.20	3.20

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PPSD Limit (dBm)	IC PSD Limit (dBm)	PPSD Limit (dBm)
Mid	5290	24.00	24.00	30.00	24.00	11.00	11.00	11.00

Duty Cycle CF (dB)	0.66	Included in Calculations of Corr'd PPSD
---------------------------	------	--

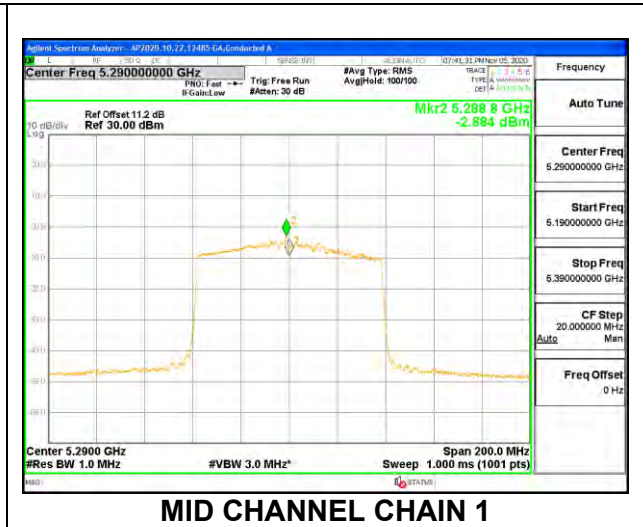
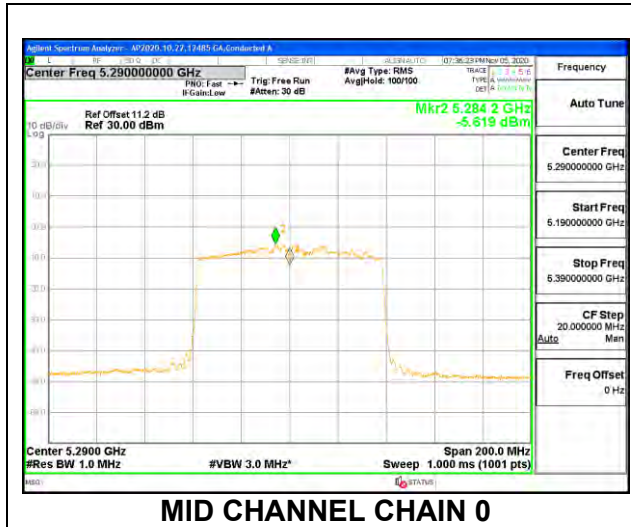
Output Power Results

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	5290	9.99	10.72	13.38	24.00	-10.62

PPSD Results

Channel	Frequency (MHz)	Chain 0 Meas PPSD (dBm/ 1MHz)	Chain 1 Meas PPSD (dBm/ 1MHz)	Total Corr'd PPSD (dBm/ 1MHz)	PPSD Limit (dBm/ 1MHz)	PPSD Margin (dB)
Mid	5290	-5.619	-2.884	-0.37	11.00	-11.37

MID CHANNEL



9.5.9. 802.11a MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 (FCC+IC)

Test Engineer:	39005 RA
Test Date:	11/05/2020

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	20.95	16.482	3.50	3.50
Mid	5580	22.60	16.374	3.50	3.50
High	5700	20.60	16.335	3.50	3.50

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED PSD Limit (dBm/1MHz)
Low	5500	24.00	23.17	29.17	23.17	11.00	11.00
Mid	5580	24.00	23.14	29.14	23.14	11.00	11.00
High	5700	24.00	23.13	29.13	23.13	11.00	11.00

Duty Cycle CF (dB)	0.16	Included in Calculations of Corr'd PSD
---------------------------	------	---

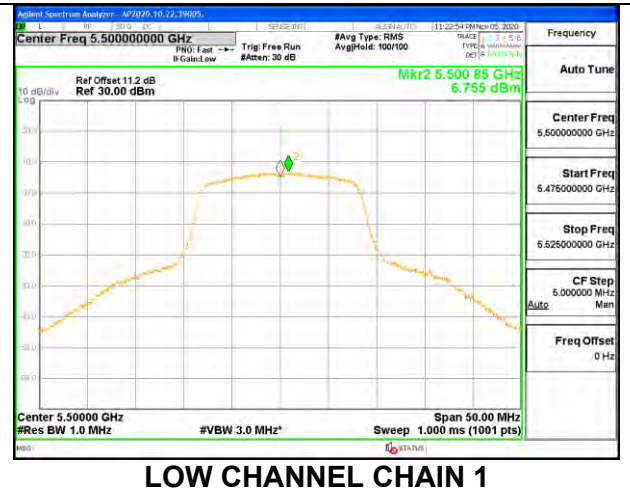
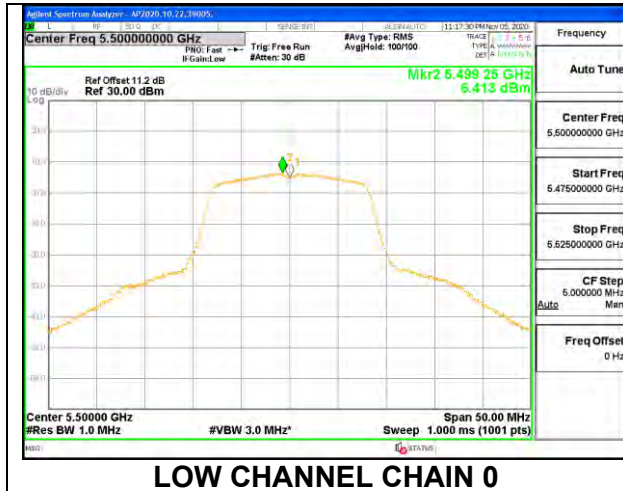
Output Power Results

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	5500	17.35	17.97	20.68	23.17	-2.49
Mid	5580	17.50	18.02	20.78	23.14	-2.36
High	5700	15.72	16.25	19.00	23.13	-4.13

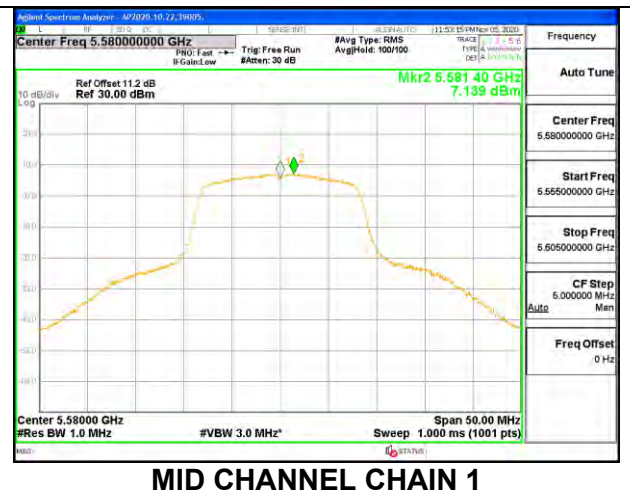
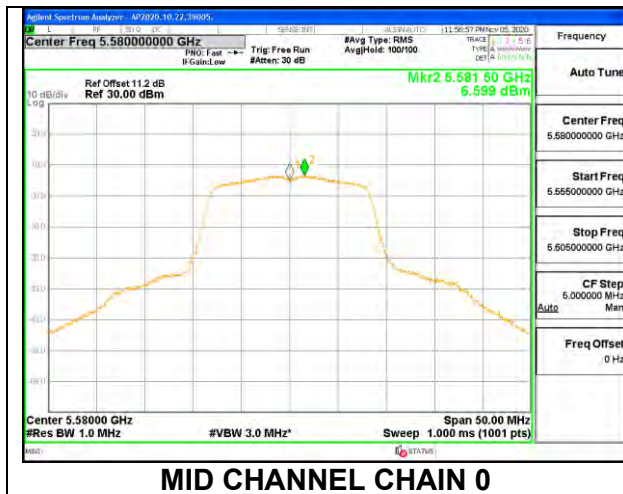
PSD Results

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	5500	6.413	6.755	9.758	11.00	-1.24
Mid	5580	6.599	7.139	10.048	11.00	-0.95
High	5700	5.609	5.805	8.878	11.00	-2.12

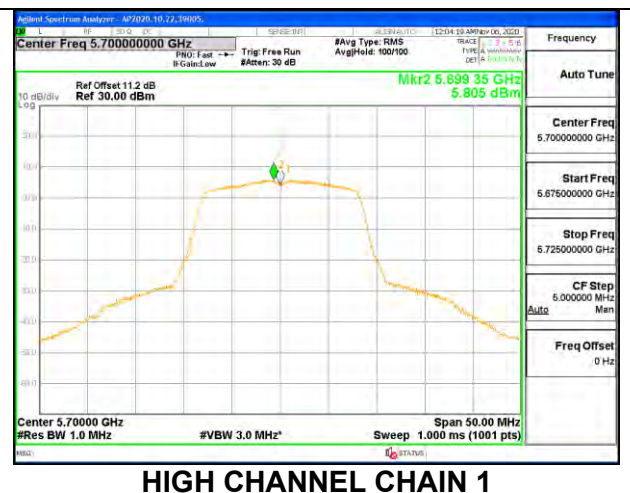
LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



9.5.10. 802.11n HT20 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 (FCC+IC)

Test Engineer:	39005 RA
Test Date:	11/06/2020

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	21.05	17.577	3.50	3.50
Mid	5580	21.45	17.451	3.50	3.50
High	5700	20.45	17.553	3.50	3.50

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5500	24.00	23.45	29.45	23.45	11.00	11.00	11.00
Mid	5580	24.00	23.42	29.42	23.42	11.00	11.00	11.00
High	5700	24.00	23.44	29.44	23.44	11.00	11.00	11.00

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

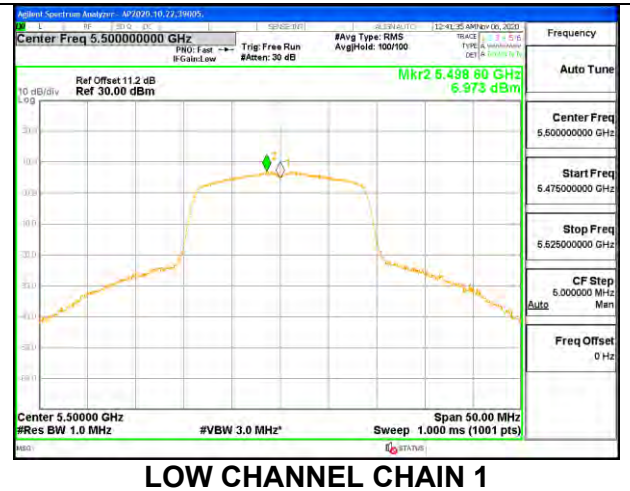
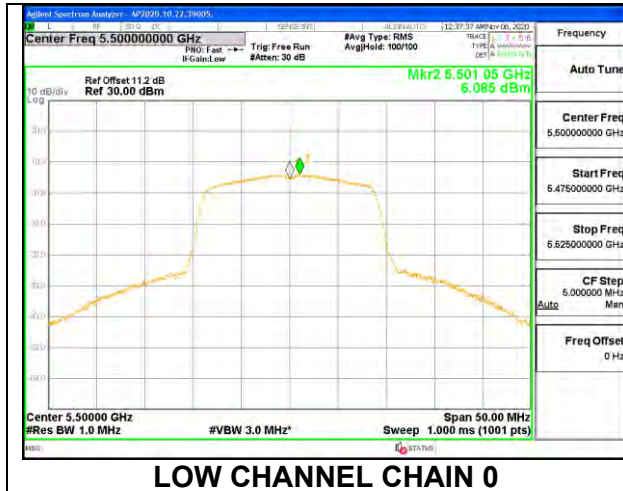
Output Power Results

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	5500	17.22	17.97	20.62	23.45	-2.83
Mid	5580	17.25	18.04	20.67	23.42	-2.74
High	5700	14.64	15.24	17.96	23.44	-5.48

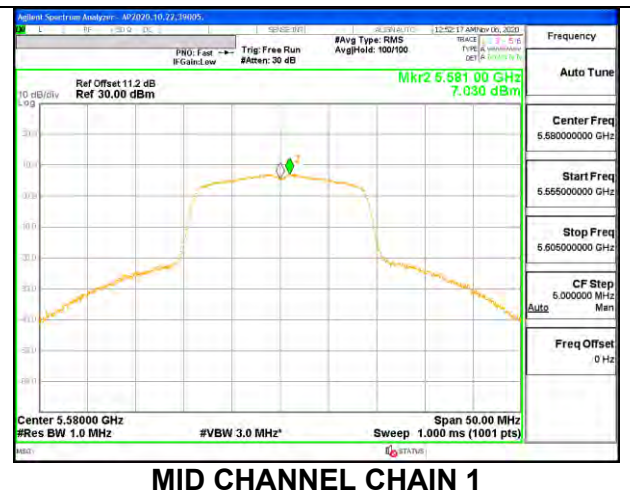
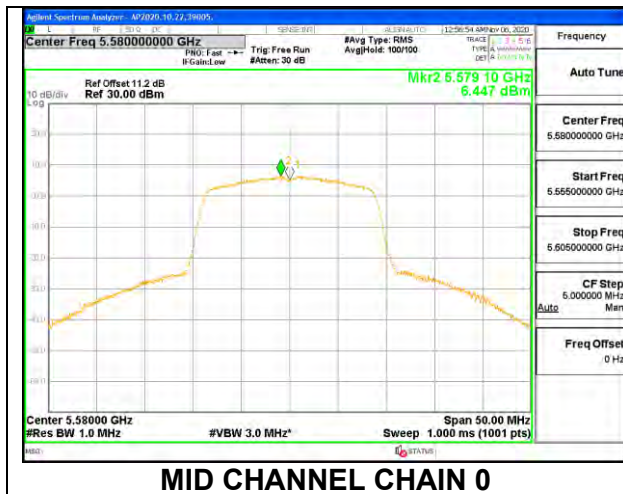
PSD Results

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	5500	6.085	6.973	9.742	11.00	-1.26
Mid	5580	6.447	7.030	9.939	11.00	-1.06
High	5700	4.438	4.881	7.855	11.00	-3.14

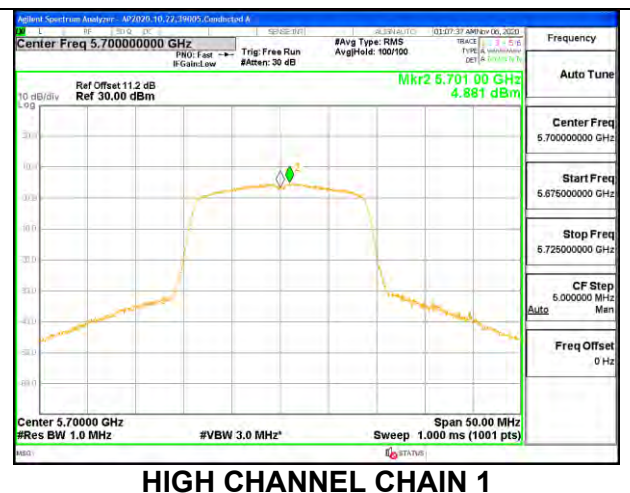
LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



9.5.11. 802.11n HT40 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 (FCC+IC)

Test Engineer:	39005 RA
Test Date:	11/06/2020

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5510	41.10	36.021	3.50	3.50
Mid	5550	41.10	36.004	3.50	3.50
High	5670	41.60	36.013	3.50	3.50

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	24.00	30.00	24.00	11.00	11.00	11.00
Mid	5550	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5670	24.00	24.00	30.00	24.00	11.00	11.00	11.00

Duty Cycle CF (dB)	0.34	Included in Calculations of Corr'd PSD
---------------------------	------	---

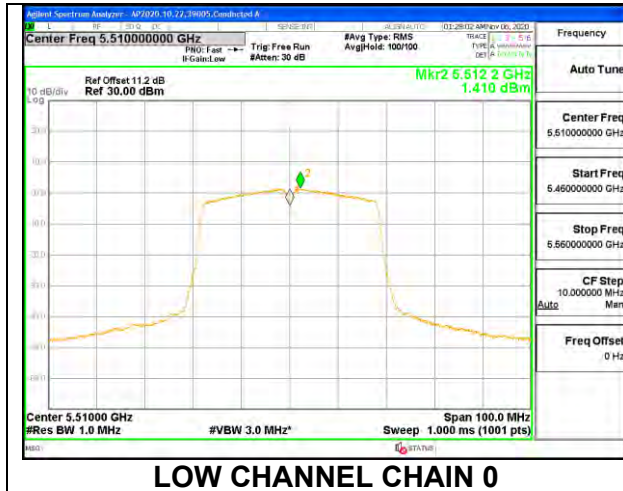
Output Power Results

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	15.51	16.19	18.87	24.00	-5.13
Mid	5550	15.56	16.26	18.93	24.00	-5.07
High	5670	15.64	16.25	18.97	24.00	-5.03

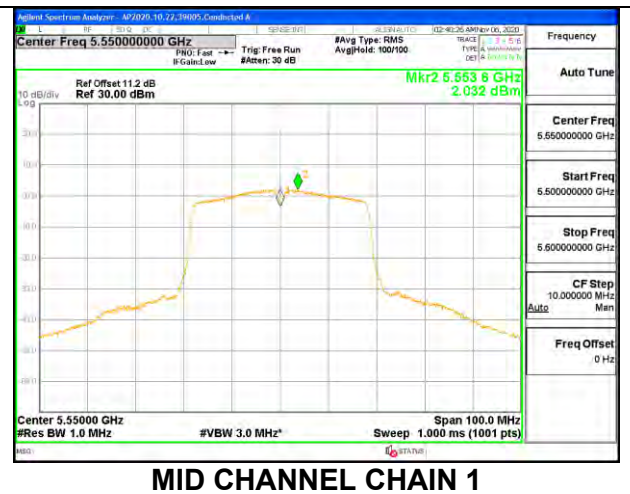
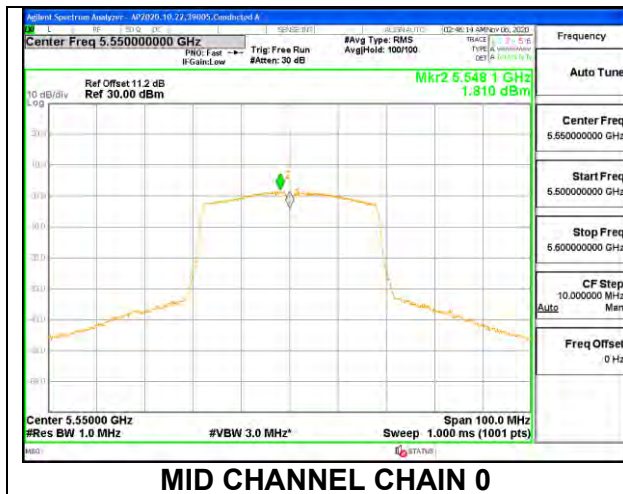
PSD Results

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	1.410	2.121	5.13	11.00	-5.87
Mid	5550	1.810	2.032	5.27	11.00	-5.73
High	5670	2.253	2.513	5.74	11.00	-5.26

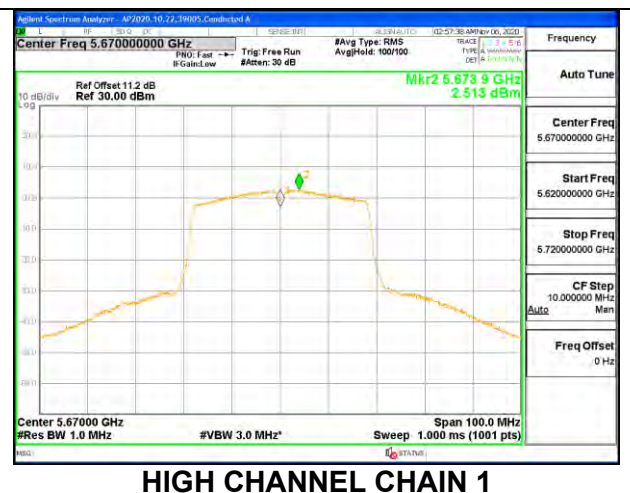
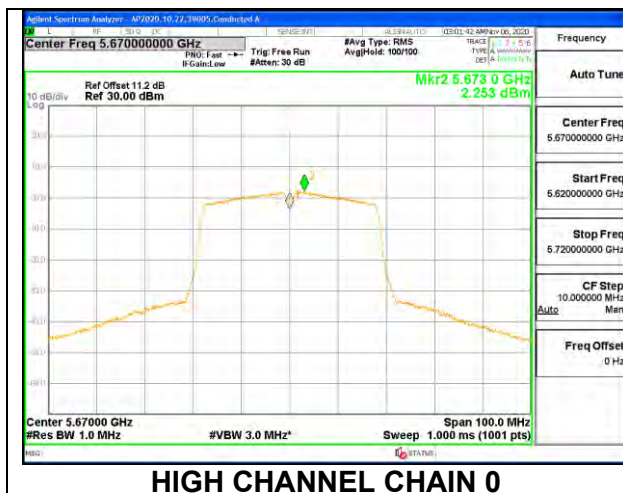
LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



9.5.12. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 (FCC+IC)

Test Engineer:	39005 RA
Test Date:	11/06/2020

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	81.40	75.193	3.50	3.50
High	5610	82.40	75.636	3.50	3.50

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5610	24.00	24.00	30.00	24.00	11.00	11.00	11.00

Duty Cycle CF (dB)	0.66	Included in Calculations of Corr'd PSD
---------------------------	------	---

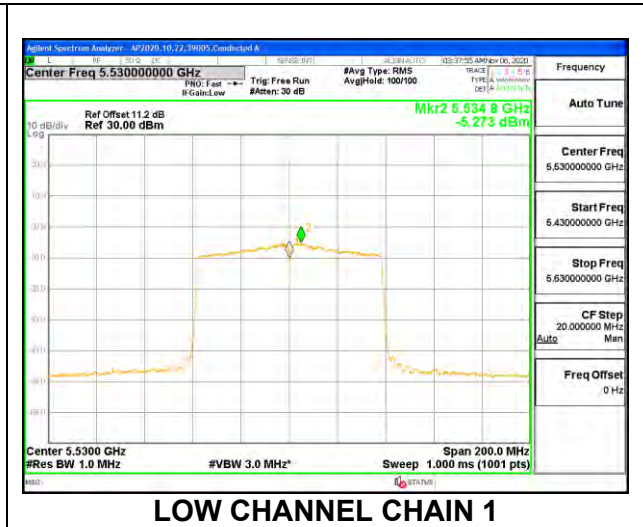
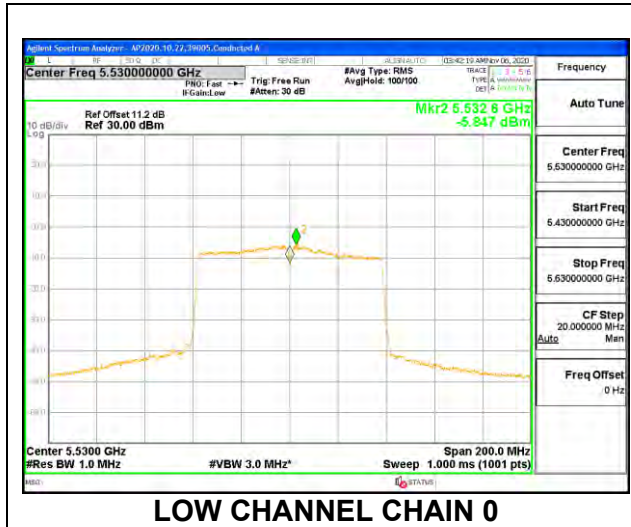
Output Power Results

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	11.30	12.00	14.67	24.00	-9.33
High	5610	17.25	17.74	20.51	24.00	-3.49

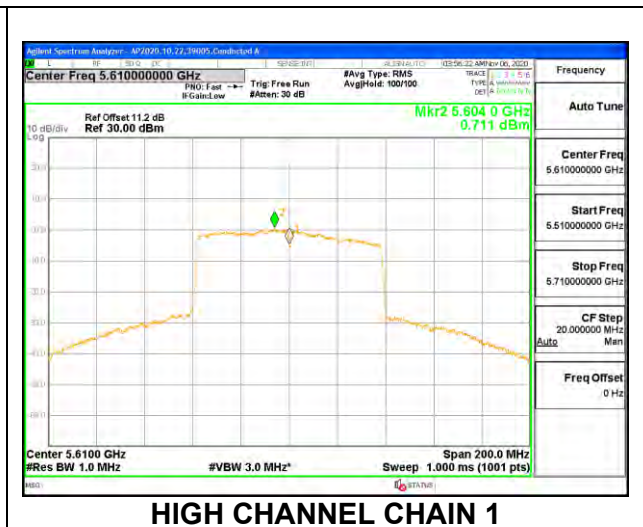
PSD Results

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	5530	-5.847	-5.273	-1.880	11.00	-12.88
High	5610	0.154	0.711	4.112	11.00	-6.89

LOW CHANNEL



HIGH CHANNEL



9.5.13. 802.11a MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 (FCC+IC)

Test Engineer:	12485 GA
Test Date:	11/06/2020

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5745	2.20	2.20	30.00	30.00
Mid	5785	2.20	2.20	30.00	30.00
High	5825	2.20	2.20	30.00	30.00

Duty Cycle CF (dB)	0.16	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	17.48	18.03	20.77	30.00	-9.23
Mid	5785	17.50	18.05	20.79	30.00	-9.21
High	5825	17.48	18.02	20.77	30.00	-9.23

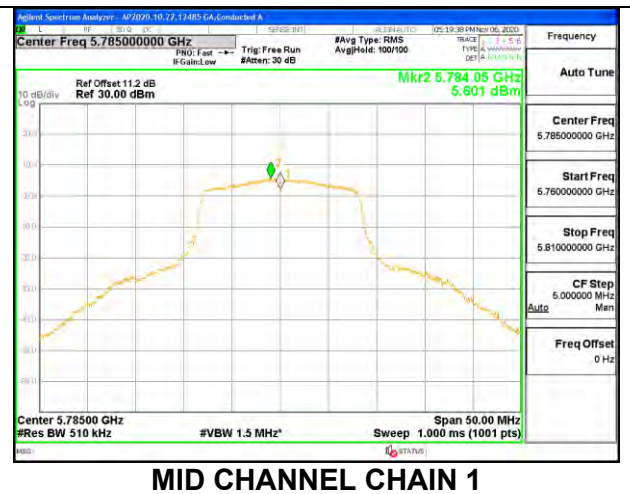
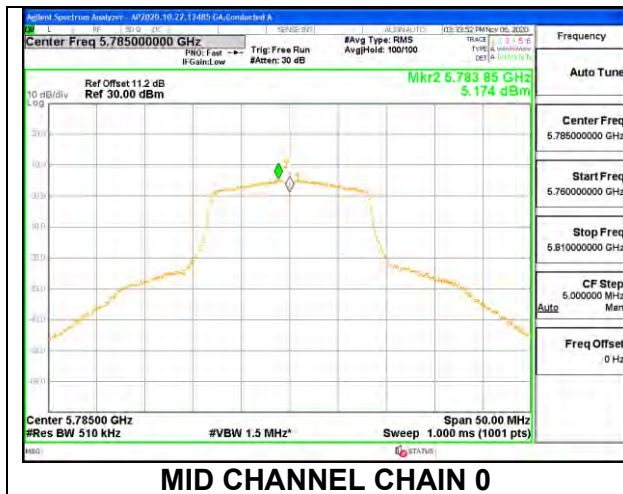
PSD Results

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	4.886	5.279	8.257	30.00	-21.74
Mid	5785	5.174	5.601	8.563	30.00	-21.44
High	5825	5.533	5.874	8.877	30.00	-21.12

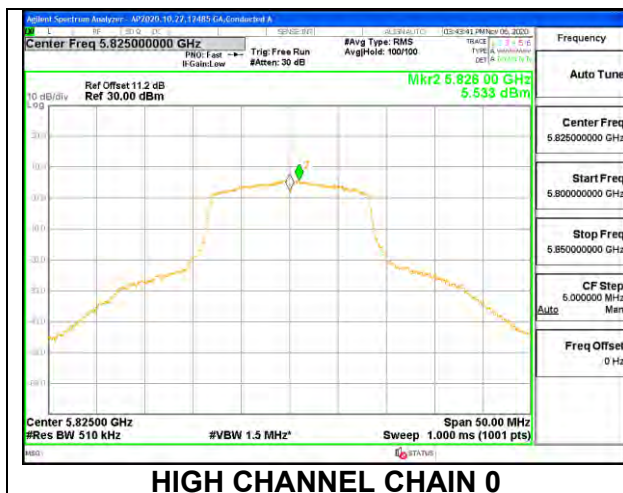
LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



9.5.14. 802.11n HT20 MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 (FCC+IC)

Test Engineer:	12485 GA
Test Date:	11/06/2020

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5745	2.20	2.20	30.00	30.00
Mid	5785	2.20	2.20	30.00	30.00
High	5825	2.20	2.20	30.00	30.00

Duty Cycle CF (dB)	0.18	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	17.36	18.04	20.72	30.00	-9.28
Mid	5785	17.40	18.06	20.75	30.00	-9.25
High	5825	17.38	18.00	20.71	30.00	-9.29

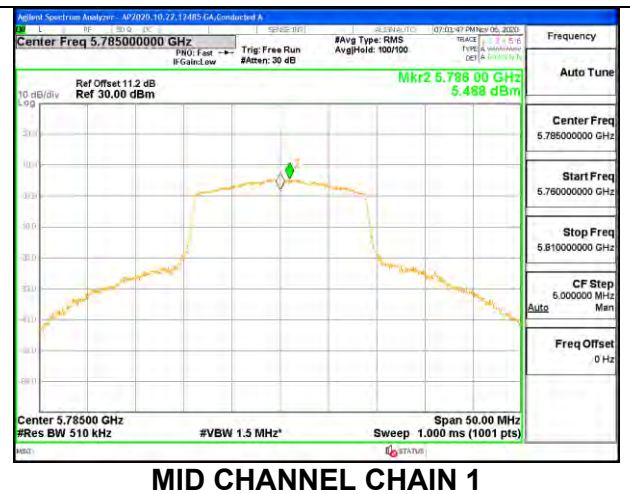
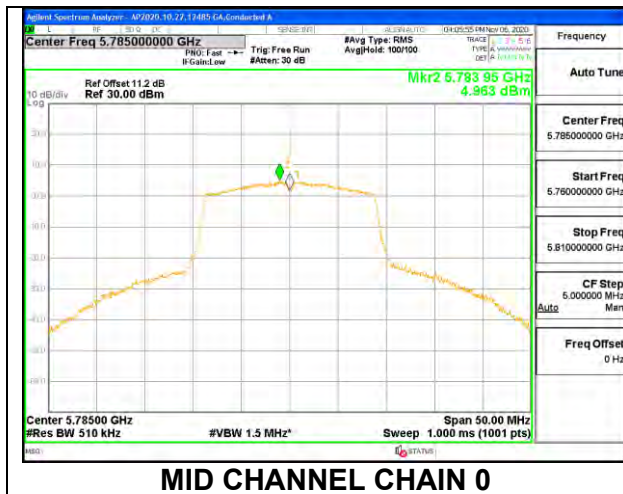
PSD Results

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	4.623	4.818	7.912	30.00	-22.09
Mid	5785	4.963	5.488	8.424	30.00	-21.58
High	5825	5.323	5.782	8.749	30.00	-21.25

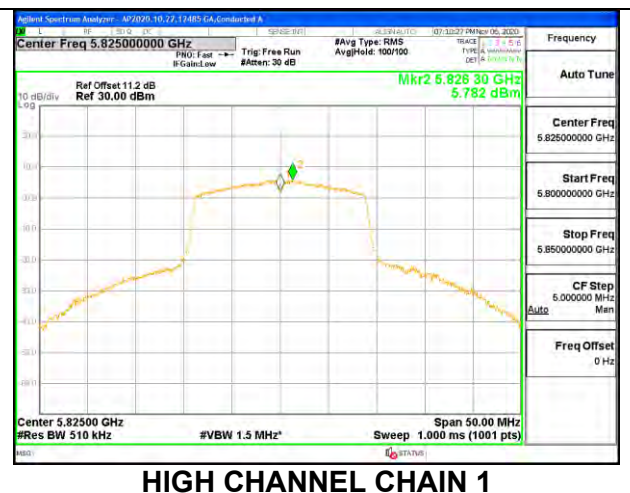
LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



9.5.15. 802.11n HT40 MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 (FCC+IC)

Test Engineer:	12485 GA
Test Date:	11/06/2020

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5755	2.20	2.20	30.00	30.00
High	5795	2.20	2.20	30.00	30.00

Duty Cycle CF (dB)	0.34	Included in Calculations of Corr'd PSD
---------------------------	------	---

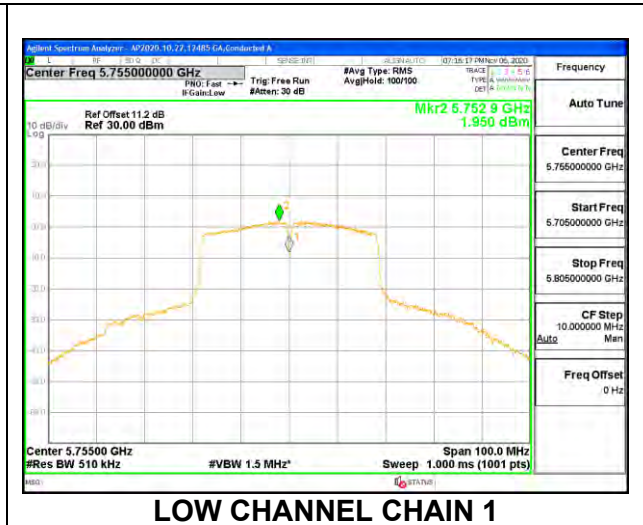
Output Power Results

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	17.60	18.15	20.89	30.00	-9.11
High	5795	16.61	17.12	19.88	30.00	-10.12

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	1.741	1.950	5.197	30.00	-24.80
High	5795	1.063	2.150	4.991	30.00	-25.01

LOW CHANNEL



HIGH CHANNEL



9.5.16. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 (FCC+IC)

Test Engineer:	39005 RA
Test Date:	11/06/2020

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Mid	5755	2.20	2.20	30.00	30.00

Duty Cycle CF (dB)	0.66	Included in Calculations of Corr'd PSD
---------------------------	------	---

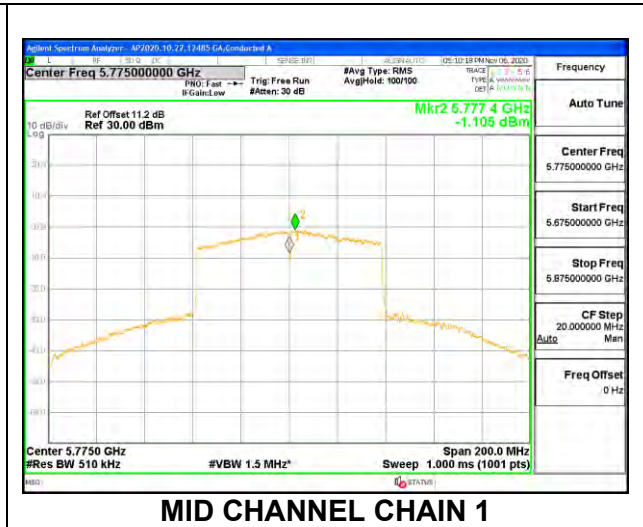
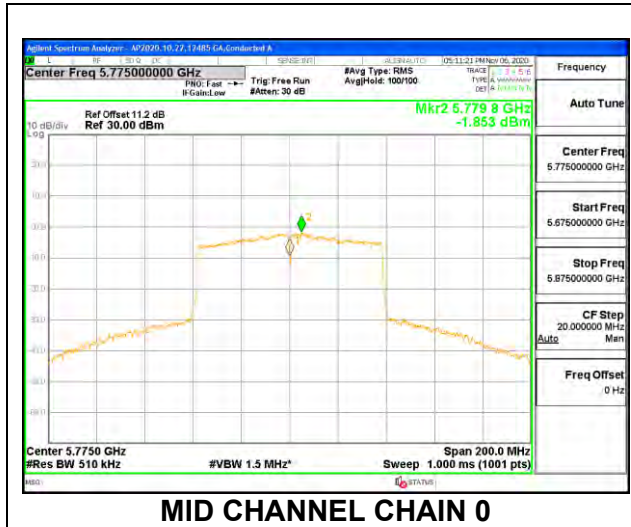
Output Power Results

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	17.33	17.79	20.58	30.00	-9.42

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	5775	-1.853	-1.105	2.207	30.00	-27.79

MID CHANNEL



10. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209 -Restricted bands
FCC §15.407(b)(1-3) -Un-Restricted bands

After January 01, 2019 for Outside of the Restricted Bands Emissions

RSS 247 Issue 2 Sections
6.2.1.2 (for 5150-5250 MHz band)
6.2.2.2 (for 5250-5350 MHz band)
6.2.3.2 (for 5470-5600 MHz and 5650-5725 MHz bands)
6.2.4.2 (for 5725-5850 MHz band)

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.

2D antenna use - For below 30MHz testing, investigation was done on three antenna orientations (parallel, perpendicular, and ground-parallel), parallel and perpendicular are the worst orientations, therefore testing was performed on these two orientations only.

The limits in CFR 47, Part 15, Subpart C, paragraph 15.209(a), are identical to those in RSS-Gen section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table), using the free space impedance of 377 Ohms. For example the measurement at frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to $Y - 51.5 = Z$ dBuA/m, which has the same margin, W dB, to the corresponding RSS-Gen Table 6 limit as it has to 15.209(a) limit.

KDB 414788 Open Field Site(OFS) and Chamber Correlation Justification

Base on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

OFS and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

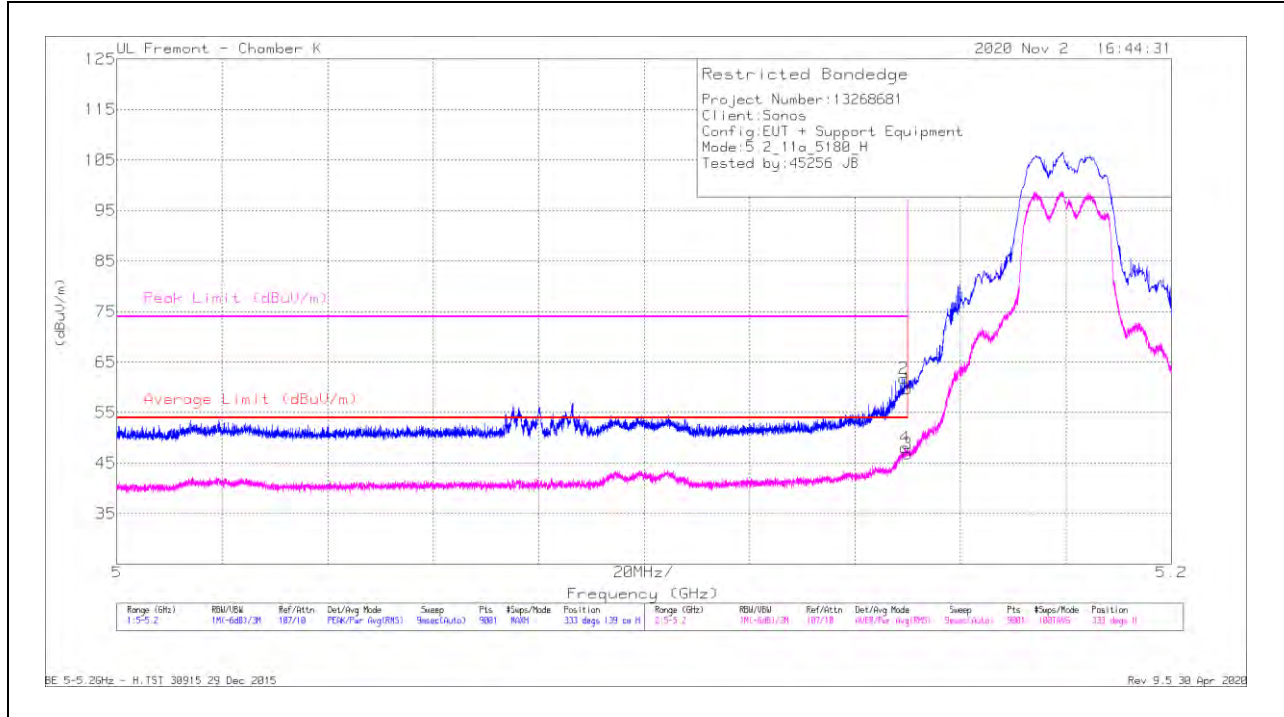
10.1. TRANSMITTER ABOVE 1 GHz

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

2TX CHAIN 0 + CHAIN 1

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

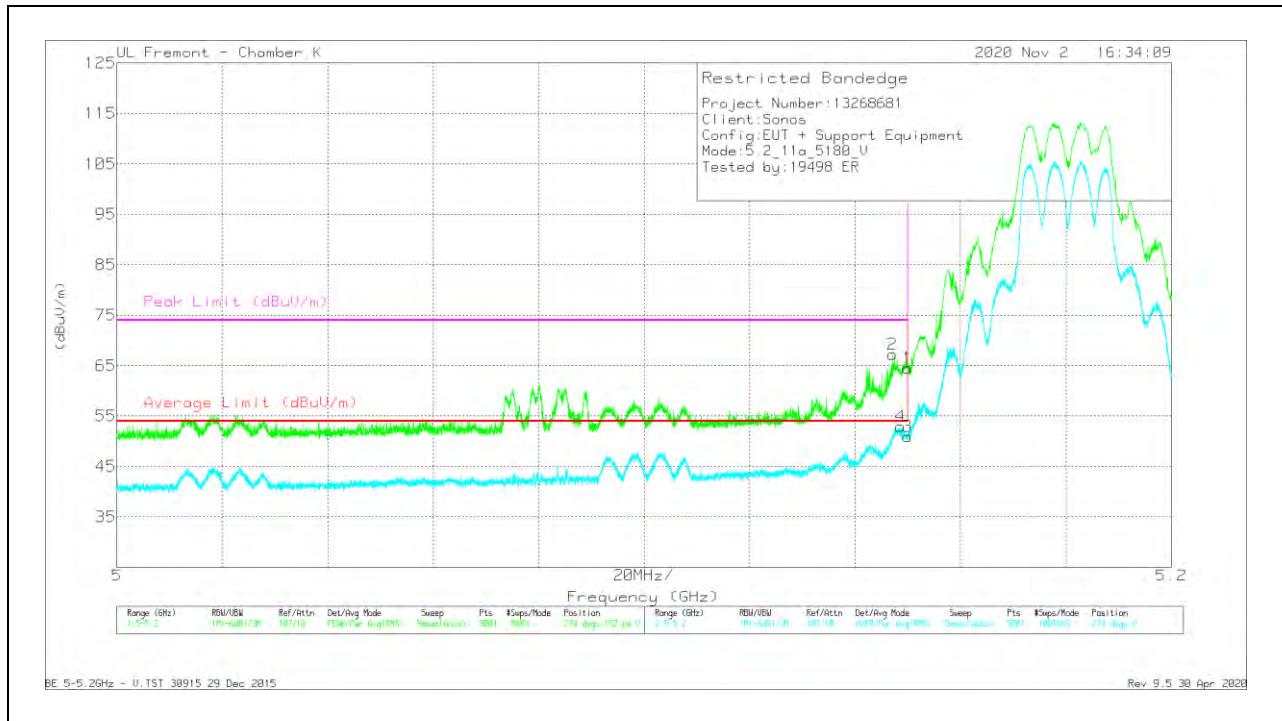
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	56.16	Pk	34.6	-31	0	59.78	-	-	74	-14.24	333	139	H
2	* 5.14929	58.18	Pk	34.6	-31	0	61.78	-	-	74	-12.22	333	139	H
3	* 5.15	43.14	RMS	34.6	-31	.16	46.9	54	-7.1	-	-	333	139	H
4	* 5.14951	44.3	RMS	34.6	-31	.16	48.06	54	-5.94	-	-	333	139	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	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	60.96	Pk	34.6	-31	0	64.56	-	-	74	-9.44	274	152	V
2	* 5.14711	63.76	Pk	34.5	-31	0	67.26	-	-	74	-6.74	274	152	V
3	* 5.15	47.23	RMS	34.6	-31	.16	50.99	54	-3.01	-	-	274	152	V
4	* 5.14862	49.32	RMS	34.5	-31	.16	52.98	54	-1.02	-	-	274	152	V

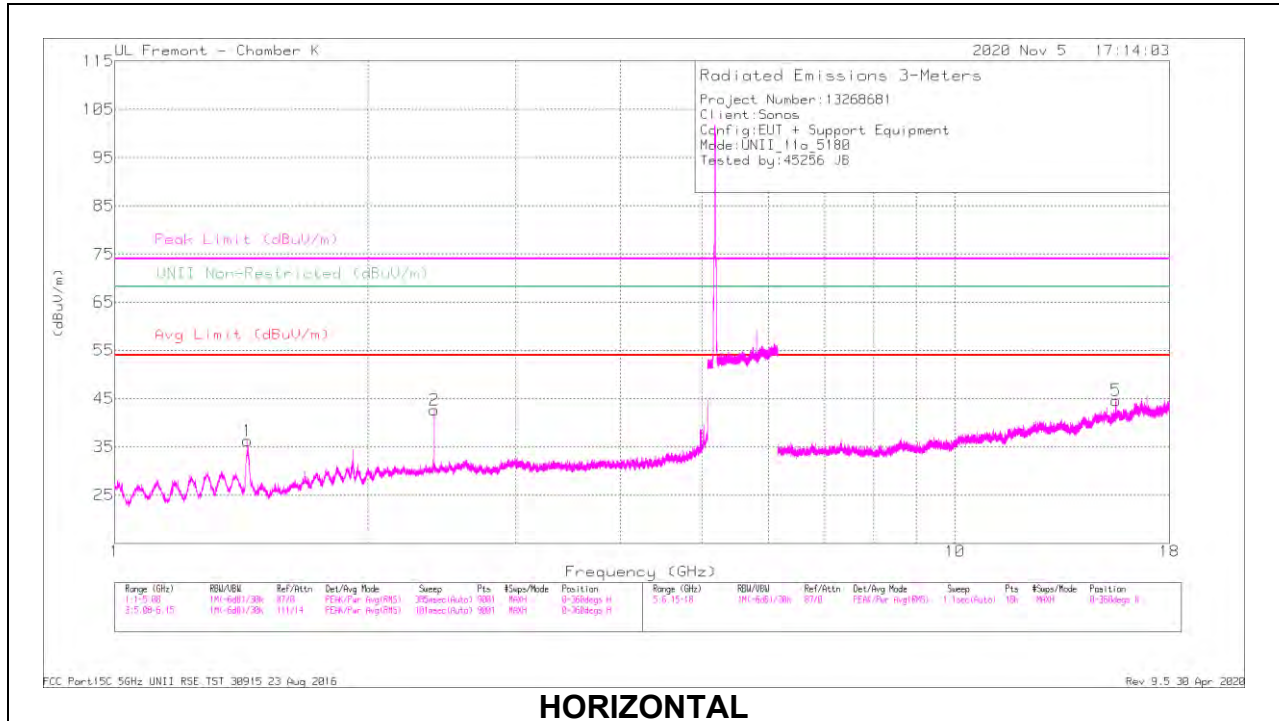
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

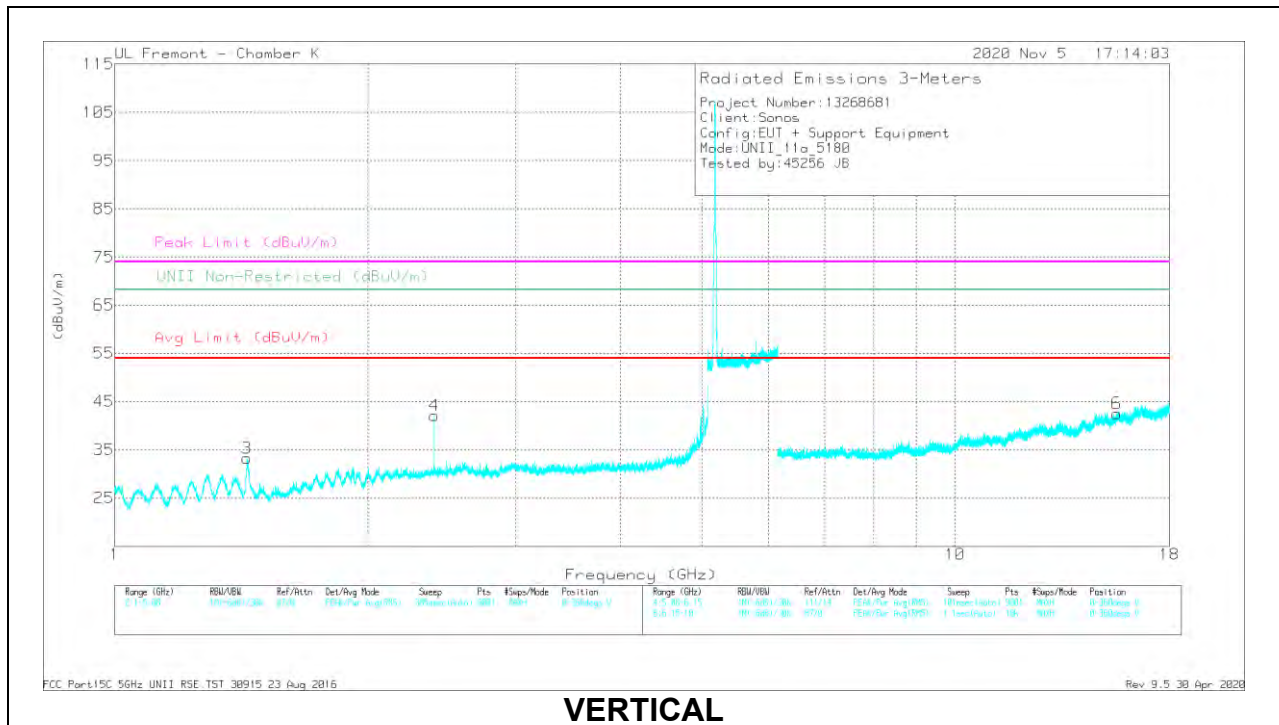
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

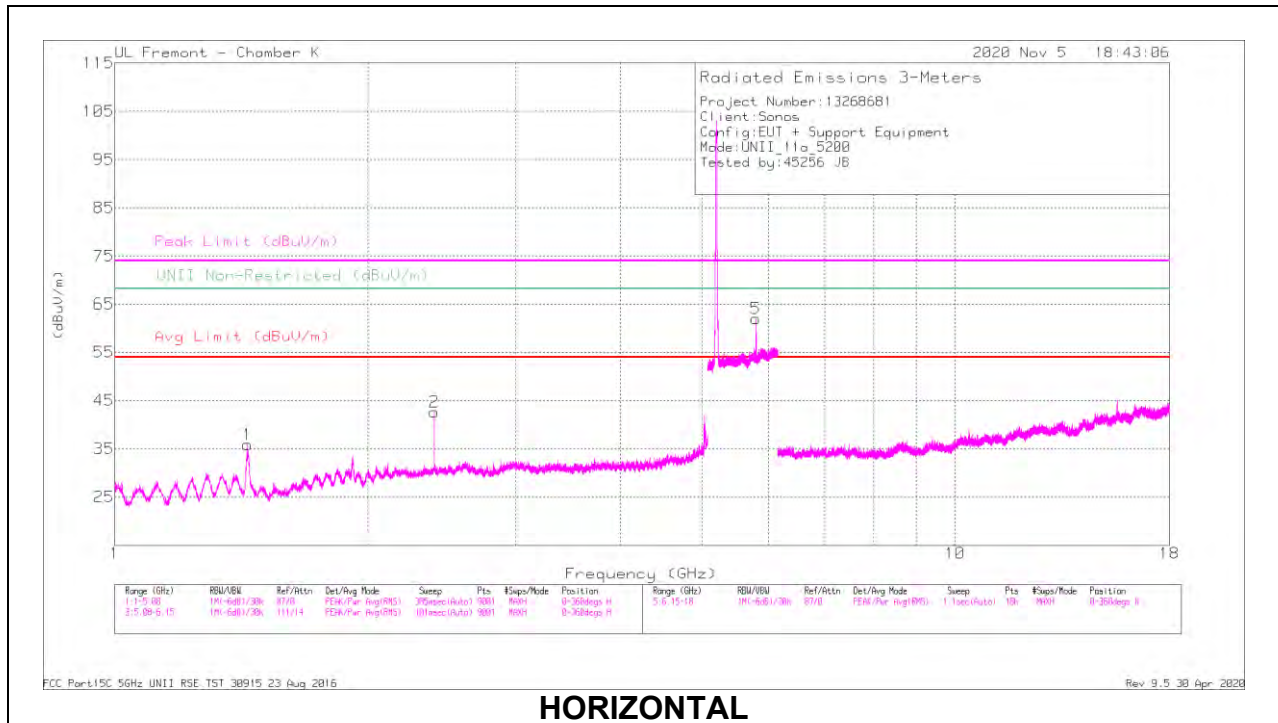
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.43928	61.46	PK-U	28.4	-46.3	0	43.56	-	-	74	-30.44	-	-	315	100	H
	* 1.4374	47.19	ADR	28.4	-46.3	-16	29.45	54	-24.55	-	-	-	-	315	100	H
2	2.40009	60.16	PK-U	32.4	-45	0	47.56	-	-	-	-	68.2	-20.64	18	189	H
3	* 1.43894	63.77	PK-U	28.4	-46.3	0	45.87	-	-	74	-28.13	-	-	224	190	V
	* 1.43843	48.13	ADR	28.4	-46.3	-16	30.39	54	-23.61	-	-	-	-	224	190	V
4	2.40002	58.86	PK-U	32.4	-45	0	46.26	-	-	-	-	68.2	-21.94	160	210	V
5	* 15.54653	46.58	PK-U	40.9	-34.1	0	53.38	-	-	74	-20.62	-	-	162	191	H
	* 15.54653	34.59	ADR	40.9	-34.1	-16	41.55	54	-12.45	-	-	-	-	162	191	H
6	* 15.58901	43.07	PK-U	40.9	-33.5	0	50.47	-	-	74	-23.53	-	-	120	402	V
	* 15.5885	31.49	ADR	40.9	-33.5	-16	39.05	54	-14.95	-	-	-	-	120	402	V

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

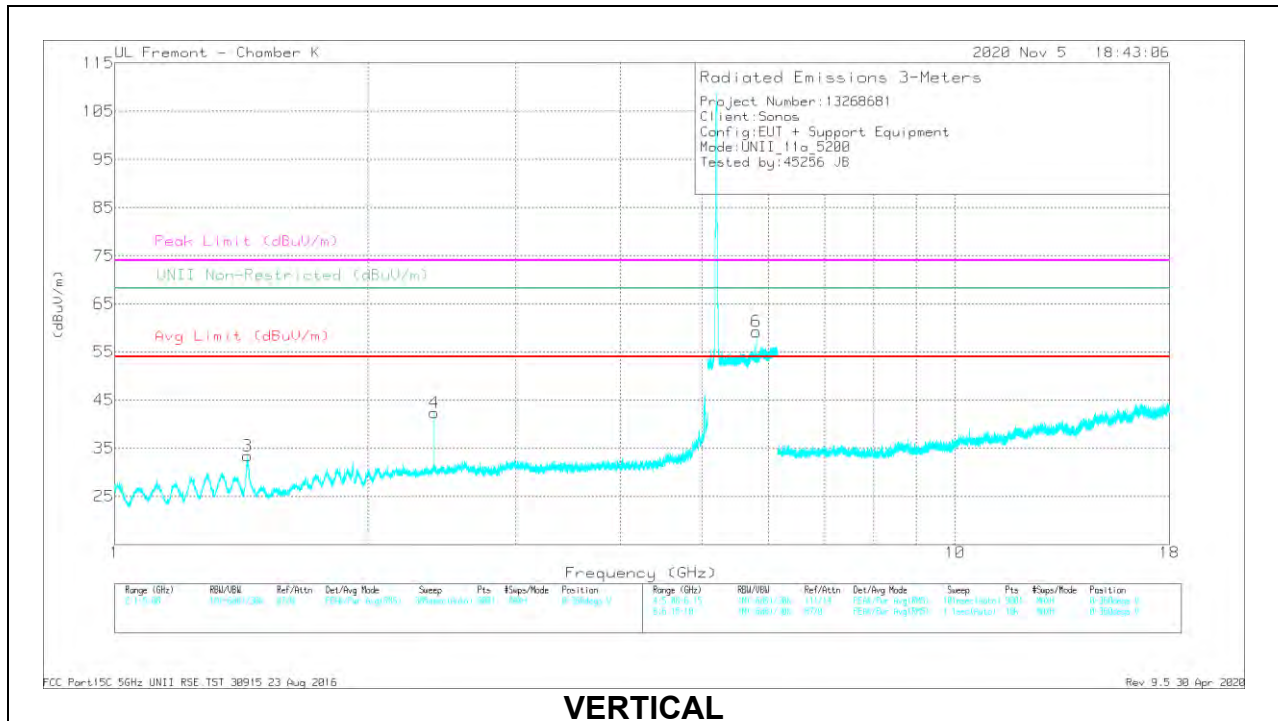
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

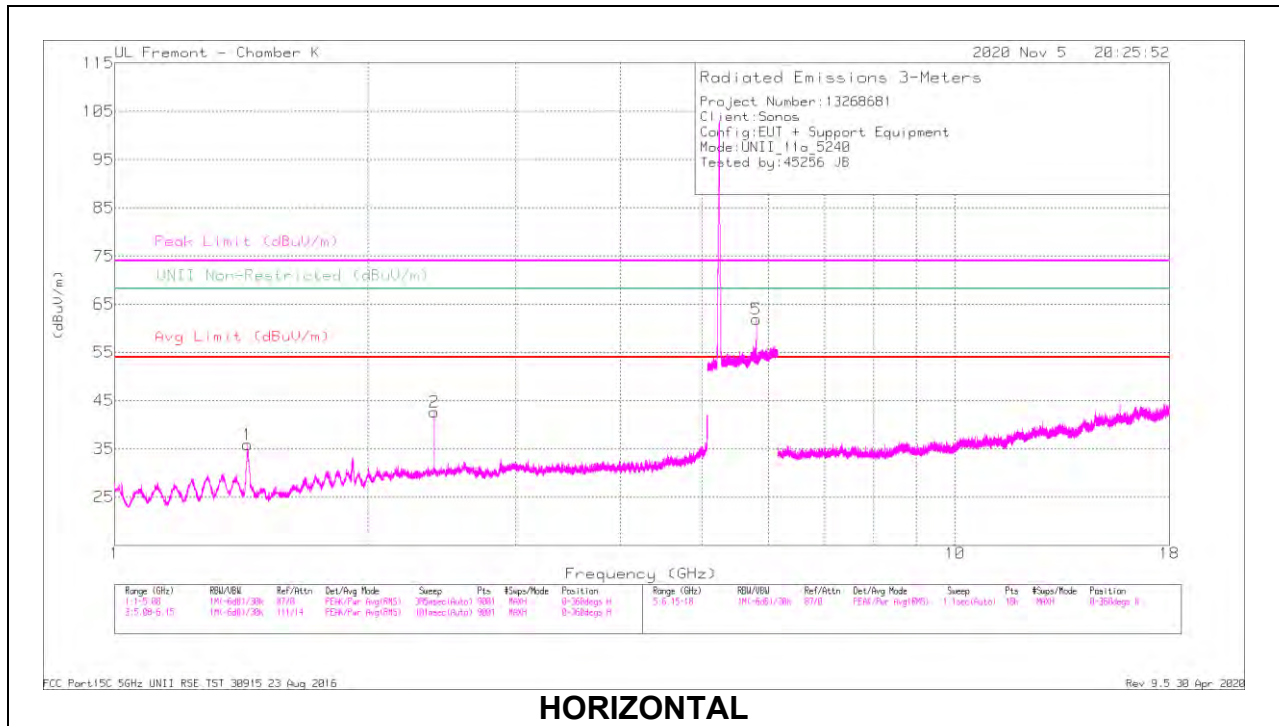
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.43889	65.63	PK-U	28.4	-46.3	0	47.73	-	-	74	-26.27	-	-	214	295	H
	* 1.44003	49.46	ADR	28.4	-46.3	-16	31.72	54	-22.28	-	-	-	-	214	295	H
2	2.40009	58.52	PK-U	32.4	-45	0	45.92	-	-	-	-	68.2	-22.28	204	200	H
3	* 1.4388	62.95	PK-U	28.4	-46.3	0	45.05	-	-	74	-28.95	-	-	270	133	V
	* 1.44003	47.69	ADR	28.4	-46.3	-16	29.95	54	-24.05	-	-	-	-	270	133	V
4	2.40009	59.1	PK-U	32.4	-45	0	46.5	-	-	-	-	68.2	-21.7	157	209	V
5	5.79934	31.59	PK-U	35	-6.5	0	60.09	-	-	-	-	68.2	-8.11	328	300	H
6	5.79878	37.82	PK-U	35	-6.5	0	66.32	-	-	-	-	68.2	-1.88	256	353	V

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

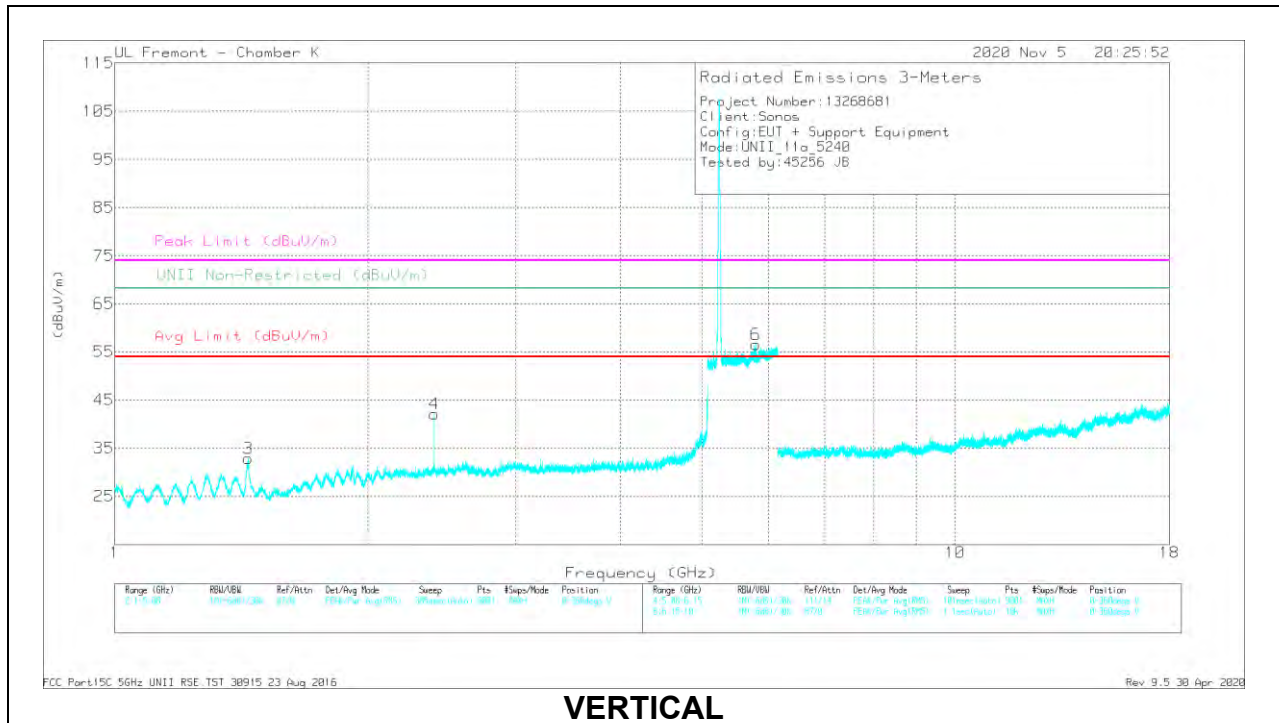
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/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	* 1.44088	66.37	PK-U	28.4	-46.3	0	48.47	-	-	74	-25.53	-	-	58	300	H
	* 1.43766	50.74	ADR	28.4	-46.3	-16	33	54	-21	-	-	-	-	58	300	H
2	2.4001	57.75	PK-U	32.4	-45	0	45.15	-	-	-	-	68.2	-23.05	296	192	H
3	* 1.44093	62.92	PK-U	28.4	-46.3	0	45.02	-	-	74	-28.98	-	-	266	131	V
	* 1.44213	48.38	ADR	28.4	-46.3	-16	30.64	54	-23.36	-	-	-	-	266	131	V
4	2.40014	58.9	PK-U	32.4	-45	0	46.3	-	-	-	-	68.2	-21.9	158	209	V
5	5.80123	38.58	PK-U	35	-6.5	0	67.08	-	-	-	-	68.2	-1.12	66	236	H
6	5.79126	32.55	PK-U	35.2	-6.5	0	61.25	-	-	-	-	68.2	-6.95	322	264	V

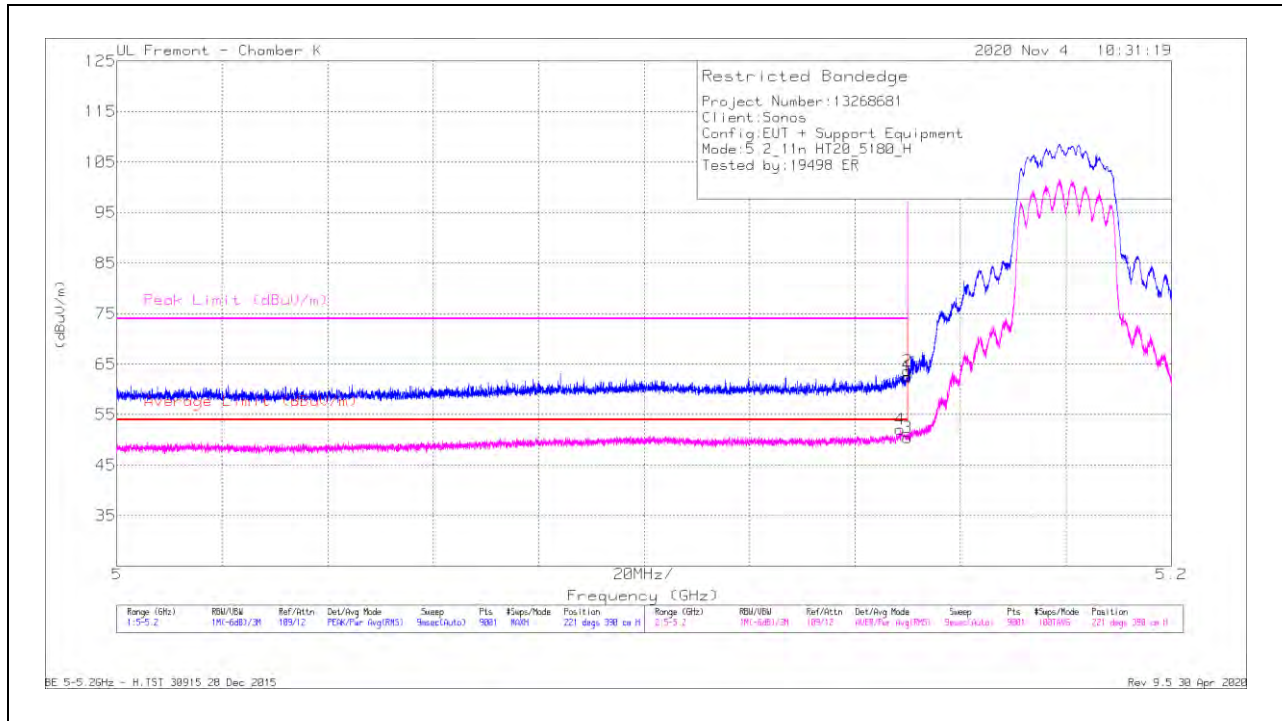
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

2TX CHAIN 0 + CHAIN 1

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

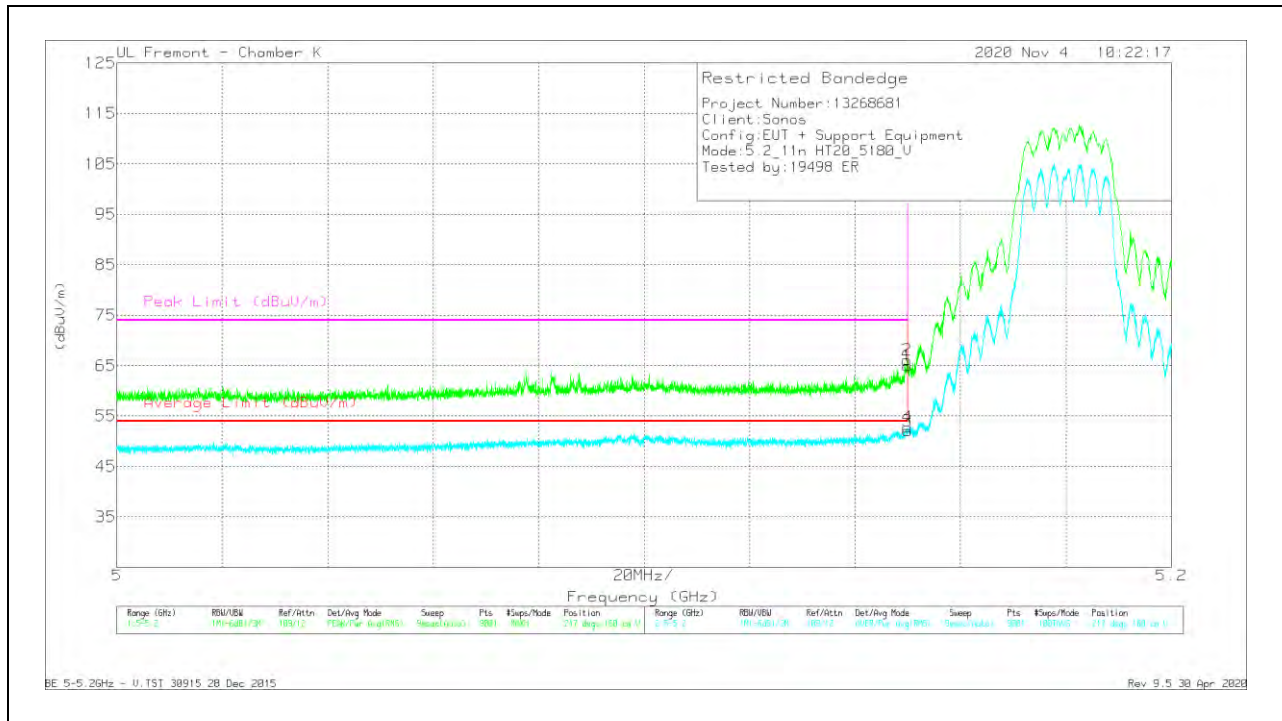
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	35.47	Pk	34.6	-7.6	0	62.47	-	-	74	-11.53	221	390	H
2	* 5.14998	36.68	Pk	34.6	-7.6	0	63.68	-	-	74	-10.32	221	390	H
3	* 5.15	23.28	RMS	34.6	-7.6	.18	50.46	54	-3.54	-	-	221	390	H
4	* 5.14855	25.01	RMS	34.5	-7.6	.18	52.09	54	-1.91	-	-	221	390	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	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	37.97	Pk	34.6	-7.6	0	64.97	-	-	74	-9.03	217	160	V
2	* 5.14987	39.16	Pk	34.6	-7.6	0	66.16	-	-	74	-7.84	217	160	V
3	* 5.15	24.84	RMS	34.6	-7.6	.18	52.02	54	-1.98	-	-	217	160	V
4	* 5.14993	25.66	RMS	34.6	-7.6	.18	52.84	54	-1.16	-	-	217	160	V

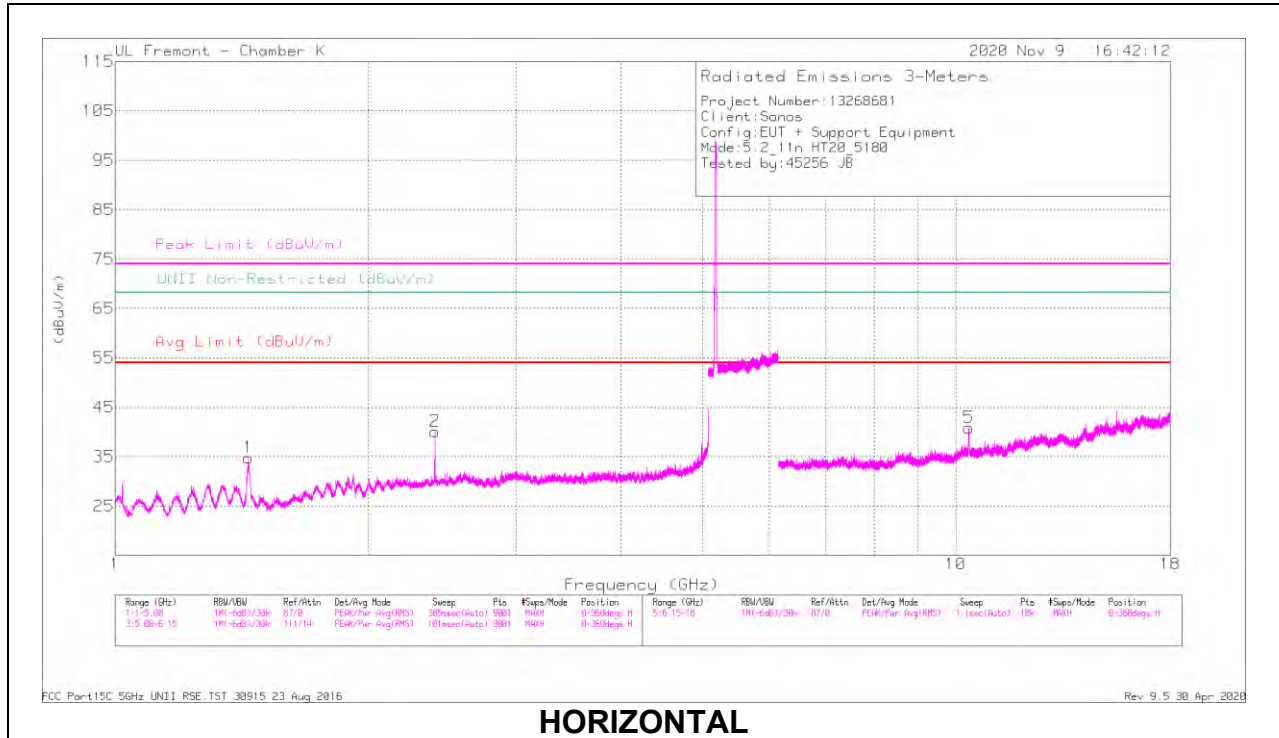
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

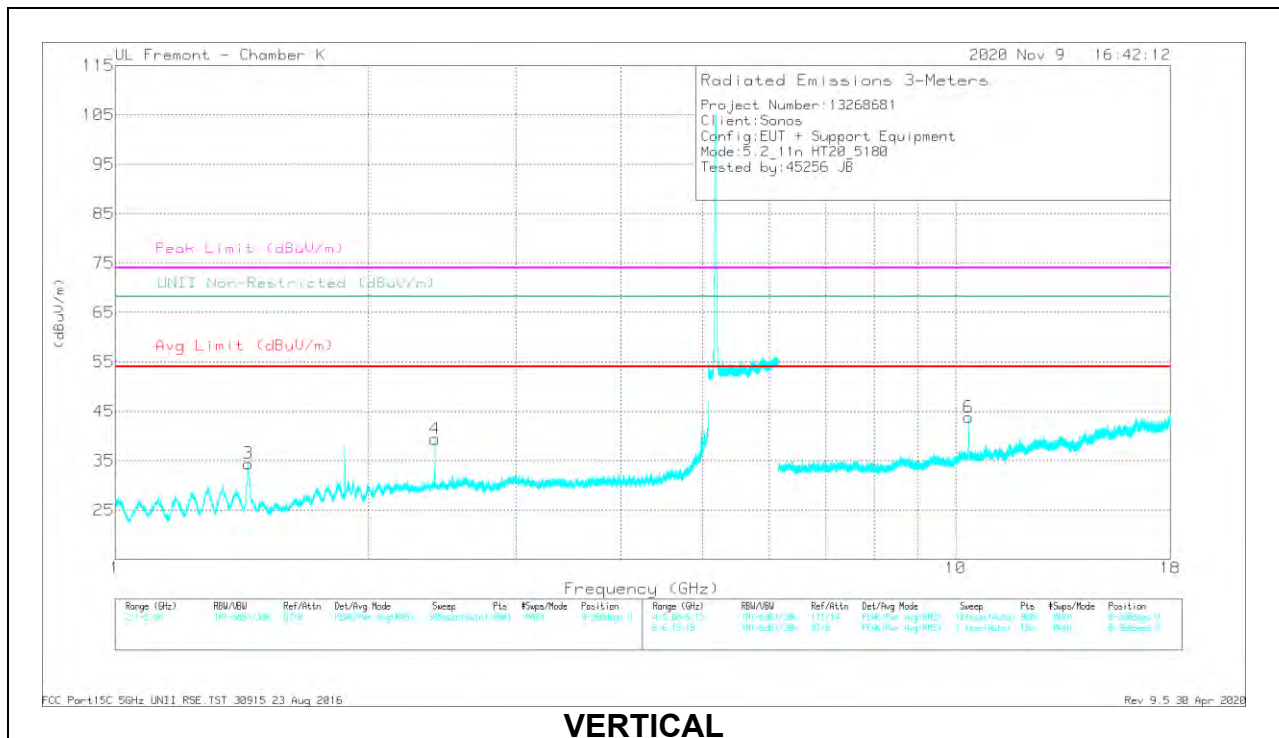
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

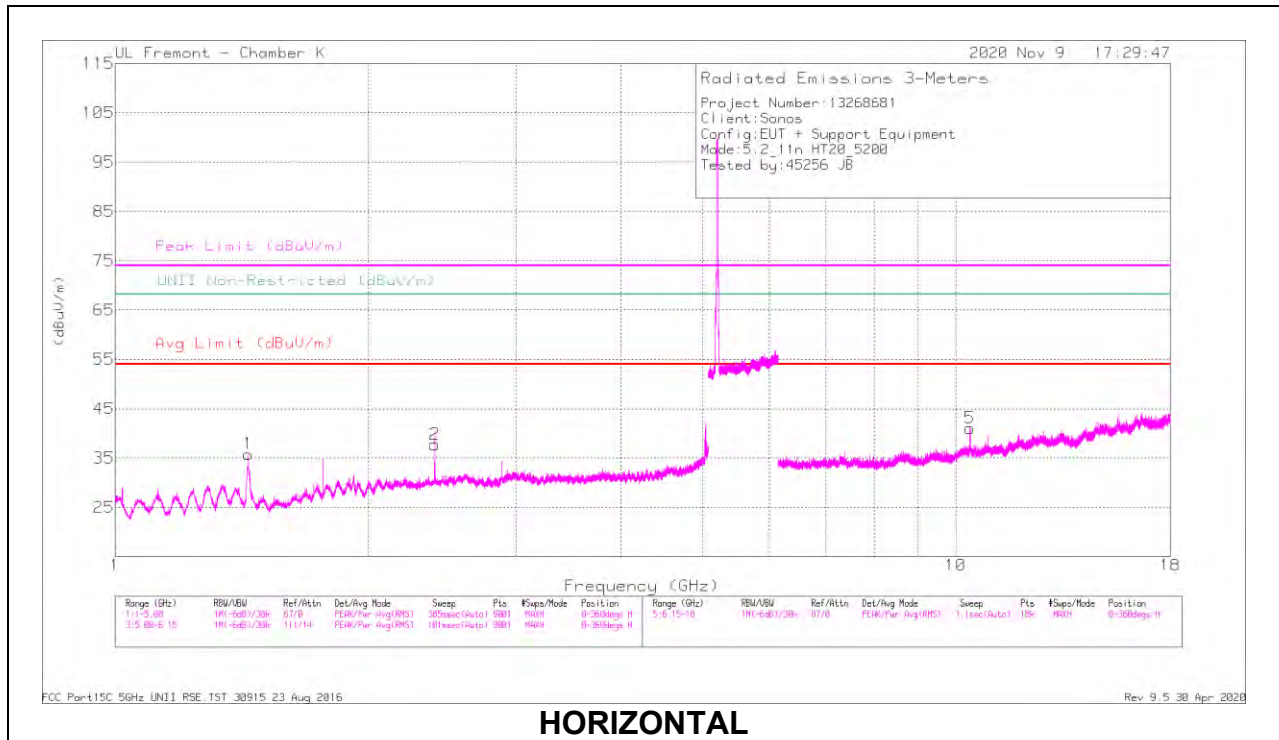
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.43873	64.75	PK-U	28.4	-46.3	0	46.85	-	-	74	-27.15	-	-	54	307	H
	* 1.44003	49.27	ADR	28.4	-46.3	-18	31.55	54	-22.45	-	-	-	-	54	307	H
2	2.40002	56.95	PK-U	32.4	-45	0	44.35	-	-	-	-	68.2	-23.85	235	201	H
3	* 1.4403	55.55	PK-U	28.4	-46.3	0	37.85	-	-	74	-36.35	-	-	54	259	V
	* 1.44014	43.23	ADR	28.4	-46.3	-18	25.51	54	-28.49	-	-	-	-	54	259	V
4	2.40002	54.26	PK-U	32.4	-45	0	41.66	-	-	-	-	68.2	-26.54	26	104	V
5	10.38644	49.39	PK-U	37.6	-37.2	0	49.79	-	-	-	-	68.2	-18.41	232	188	H
6	10.35781	52.21	PK-U	37.6	-37.2	0	52.61	-	-	-	-	68.2	-15.59	205	106	V

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

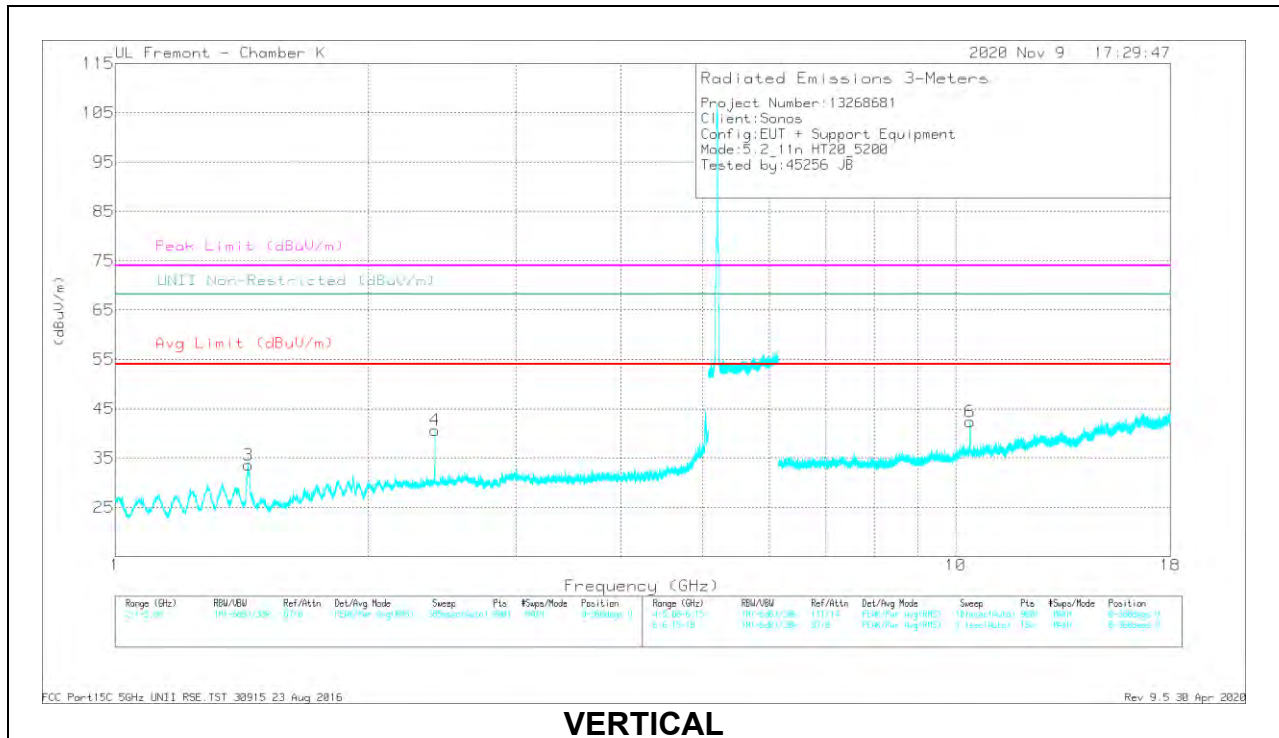
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

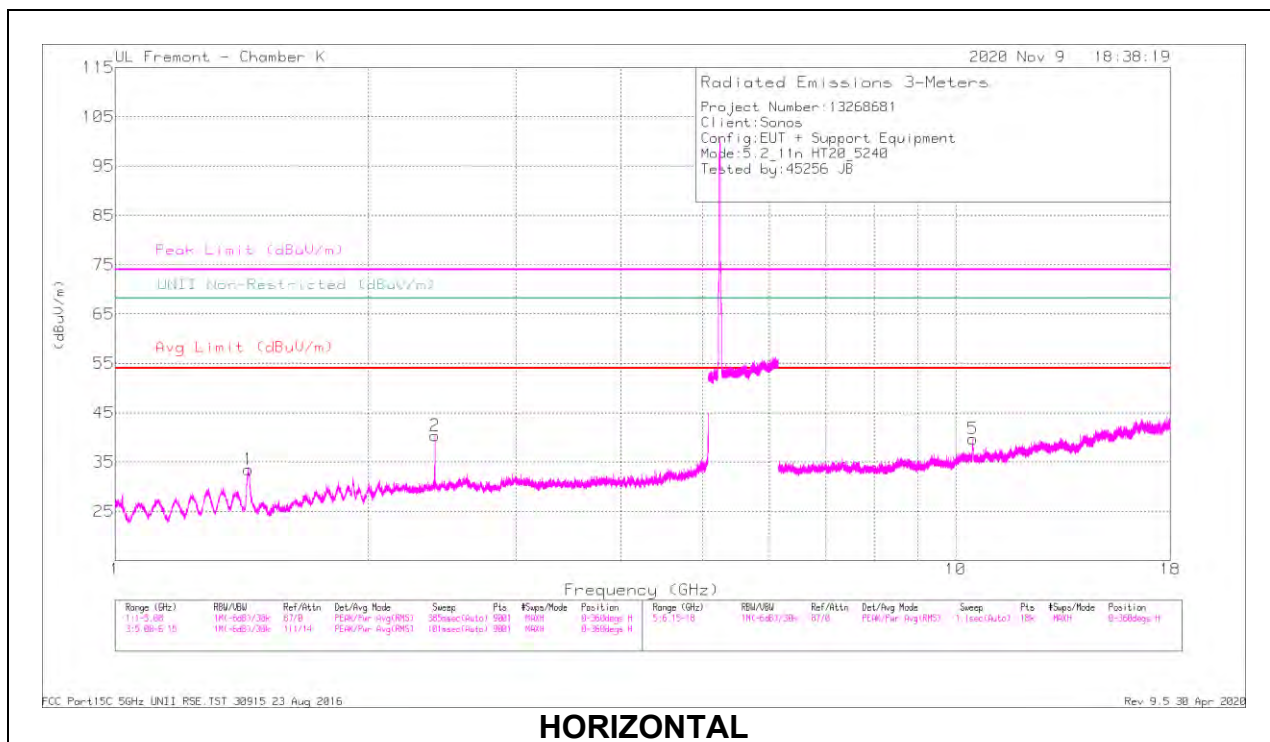
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.43931	58.71	PK-U	28.4	-46.3	0	40.81	-	-	74	-33.19	-	-	56	370	H
	* 1.4381	44.34	ADR	28.4	-46.3	-18	26.62	54	-27.38	-	-	-	-	56	370	H
2	2.40005	59.22	PK-U	32.4	-45	0	46.62	-	-	-	-	68.2	-21.58	323	169	H
3	* 1.43828	64.03	PK-U	28.4	-46.3	0	46.13	-	-	74	-27.87	-	-	3	97	V
	* 1.43996	48.86	ADR	28.4	-46.3	-18	31.14	54	-22.86	-	-	-	-	3	97	V
4	2.40002	57.93	PK-U	32.4	-45	0	45.33	-	-	-	-	68.2	-22.87	294	109	V
5	10.39722	50.21	PK-U	37.7	-37.2	0	50.71	-	-	-	-	68.2	-17.49	233	187	H
6	* 1.43931	58.71	PK-U	28.4	-46.3	0	40.81	-	-	74	-33.19	-	-	56	370	H

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

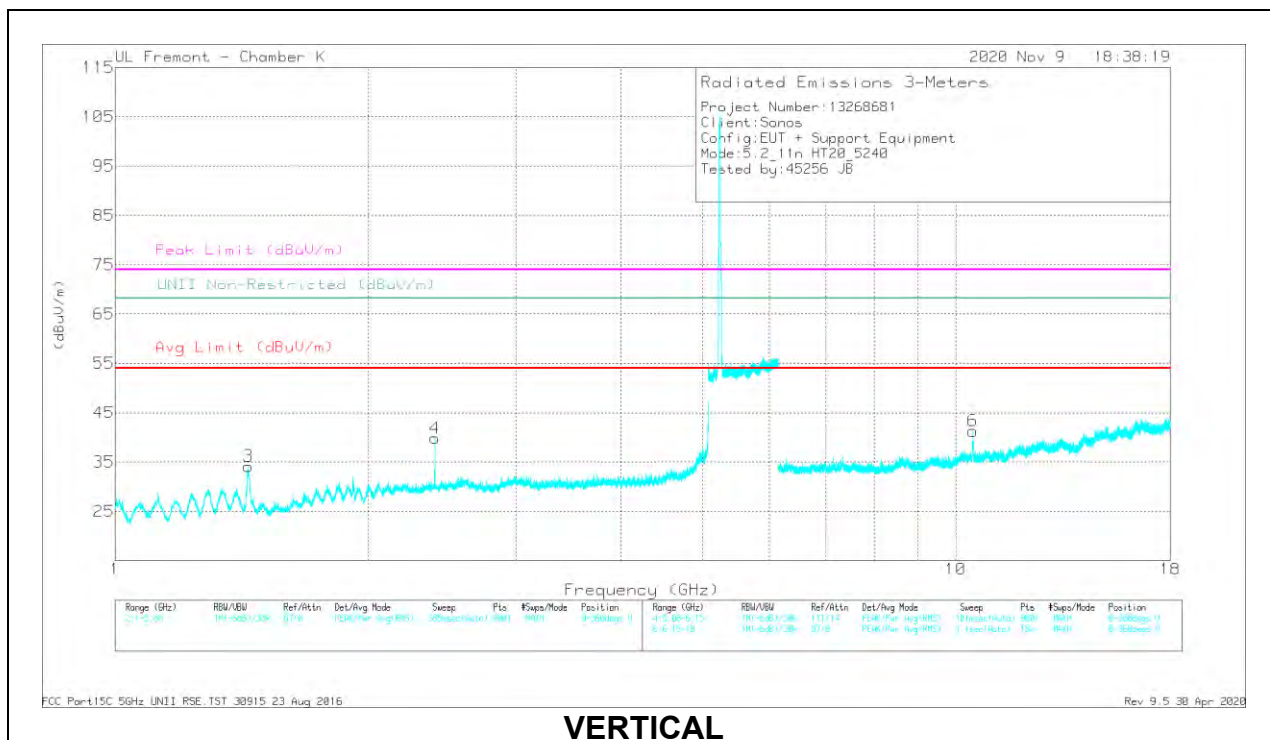
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/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	* 1.44124	64.62	PK-U	28.4	-46.3	0	46.72	-	-	74	-27.28	-	-	305	144	H
	* 1.44103	48.91	ADR	28.4	-46.3	-18	31.19	54	-22.81	-	-	-	-	305	144	H
2	2.40008	58.45	PK-U	32.4	-45	0	45.85	-	-	-	-	68.2	-22.35	328	255	H
3	* 1.44167	57.76	PK-U	28.4	-46.3	0	39.86	-	-	74	-34.14	-	-	6	225	V
	* 1.44026	44.6	ADR	28.4	-46.3	-18	26.88	54	-27.12	-	-	-	-	6	225	V
4	2.40004	57.38	PK-U	32.4	-45	0	44.78	-	-	-	-	68.2	-23.42	295	112	V
5	10.47543	48.22	PK-U	37.8	-37.1	0	48.92	-	-	-	-	68.2	-19.28	238	200	H
6	10.48045	50.71	PK-U	37.8	-37.2	0	51.31	-	-	-	-	68.2	-16.89	194	113	V

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

PK-U - U-NII: Maximum Peak

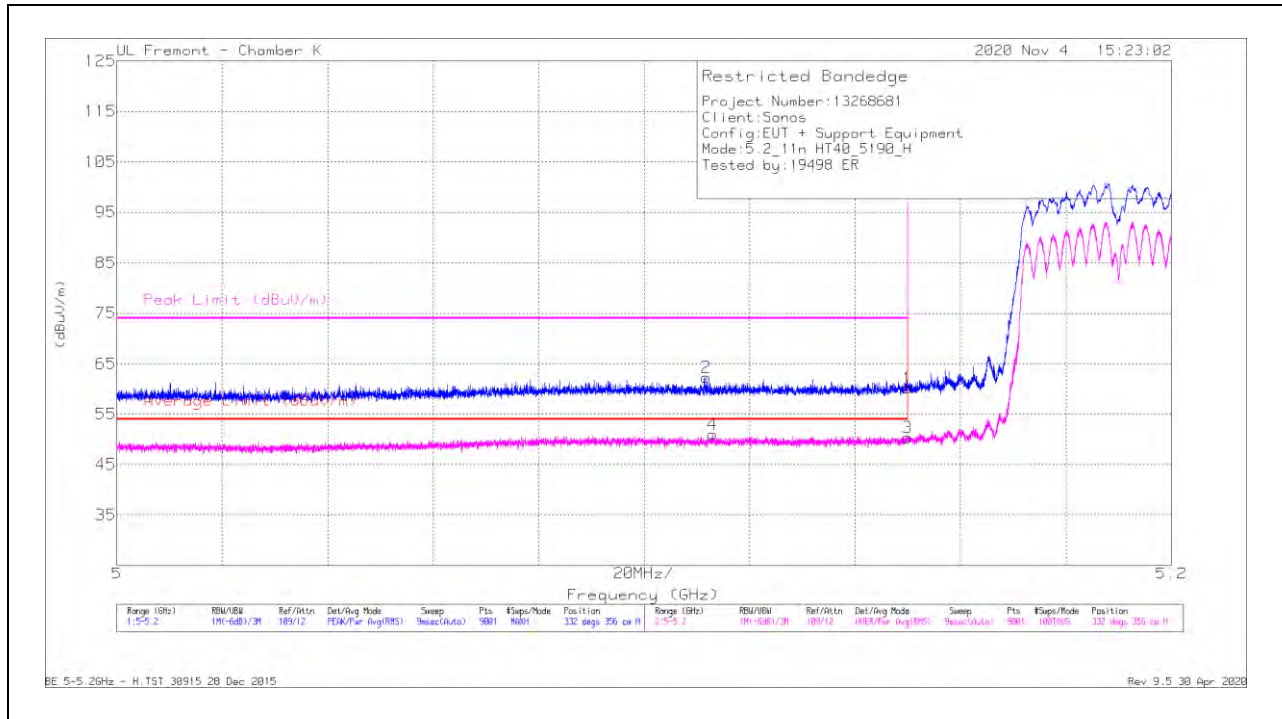
ADR - U-NII AD primary method, RMS average

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

2TX CHAIN 0 + CHAIN 1

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

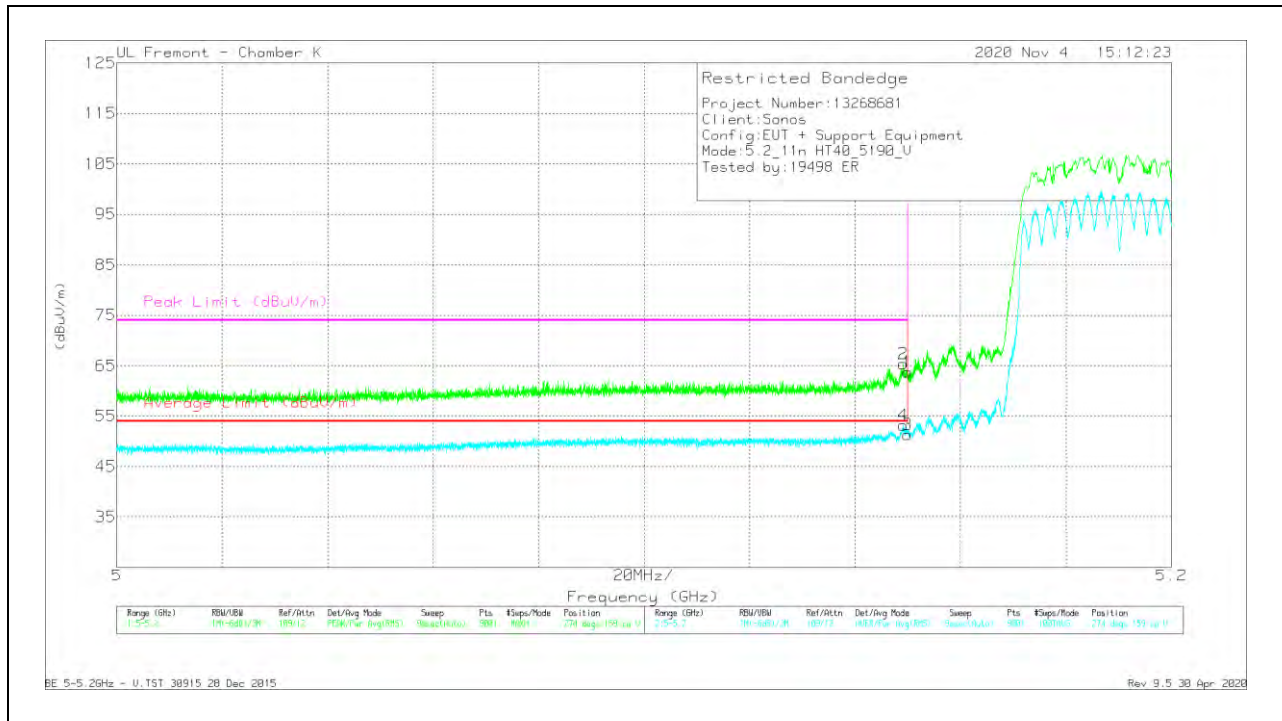
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	33.2	Pk	34.6	-7.6	0	60.2	-	-	74	-13.8	332	356	H
2	* 5.11178	35.56	PK	34.4	-7.7	0	62.26	-	-	74	-11.74	332	356	H
3	* 5.15	23.05	RMS	34.6	-7.6	.34	50.39	54	-3.61	-	-	332	356	H
4	* 5.11302	24.05	RMS	34.4	-7.8	.34	50.99	54	-3.01	-	-	332	356	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	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	36.77	Pk	34.6	-7.6	0	63.77	-	-	74	-10.23	274	159	V
2	* 5.14918	38.47	Pk	34.5	-7.6	0	65.37	-	-	74	-8.63	274	159	V
3	* 5.15	24.03	RMS	34.6	-7.6	.34	51.37	54	-2.63	-	-	274	159	V
4	* 5.14913	25.9	RMS	34.5	-7.6	.34	53.14	54	-0.86	-	-	274	159	V

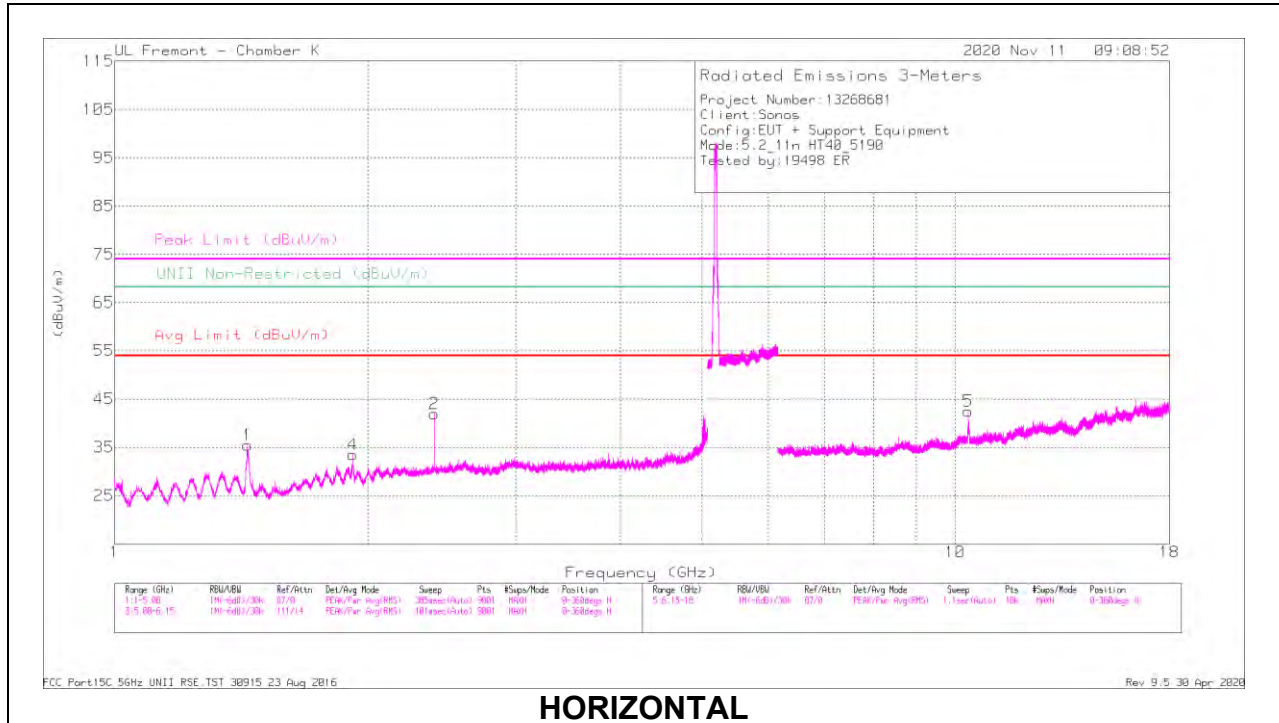
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

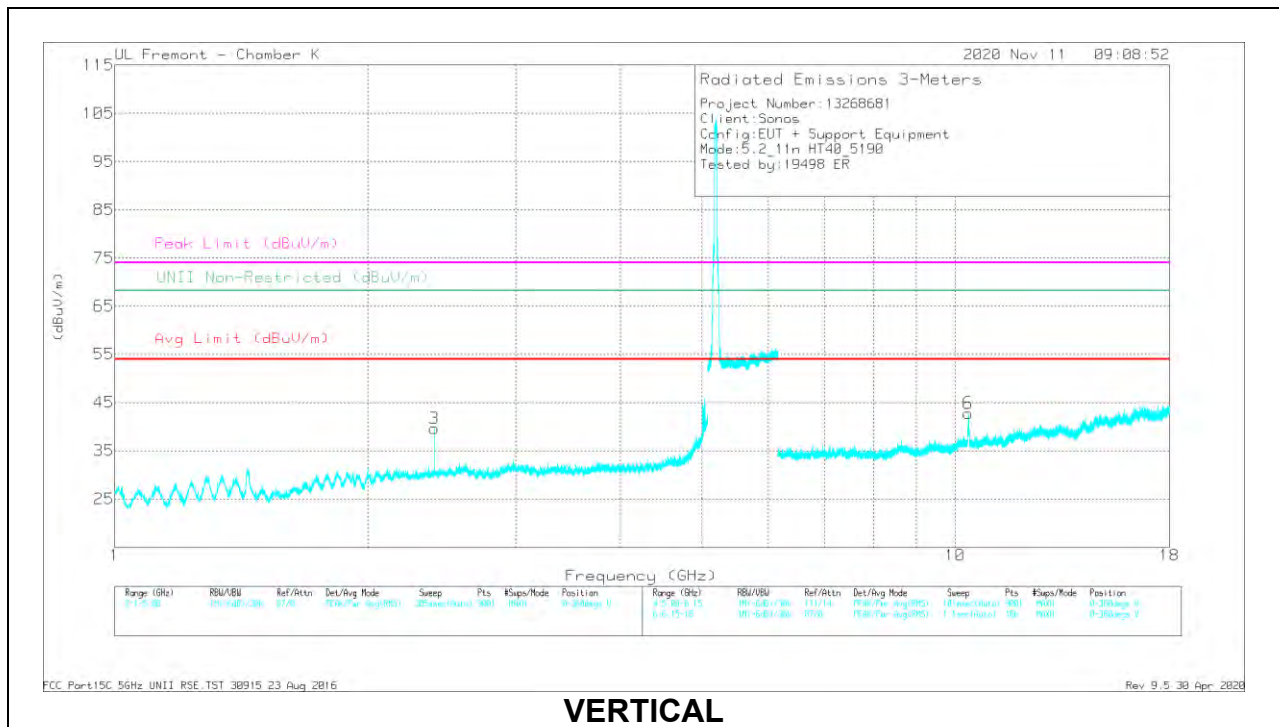
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

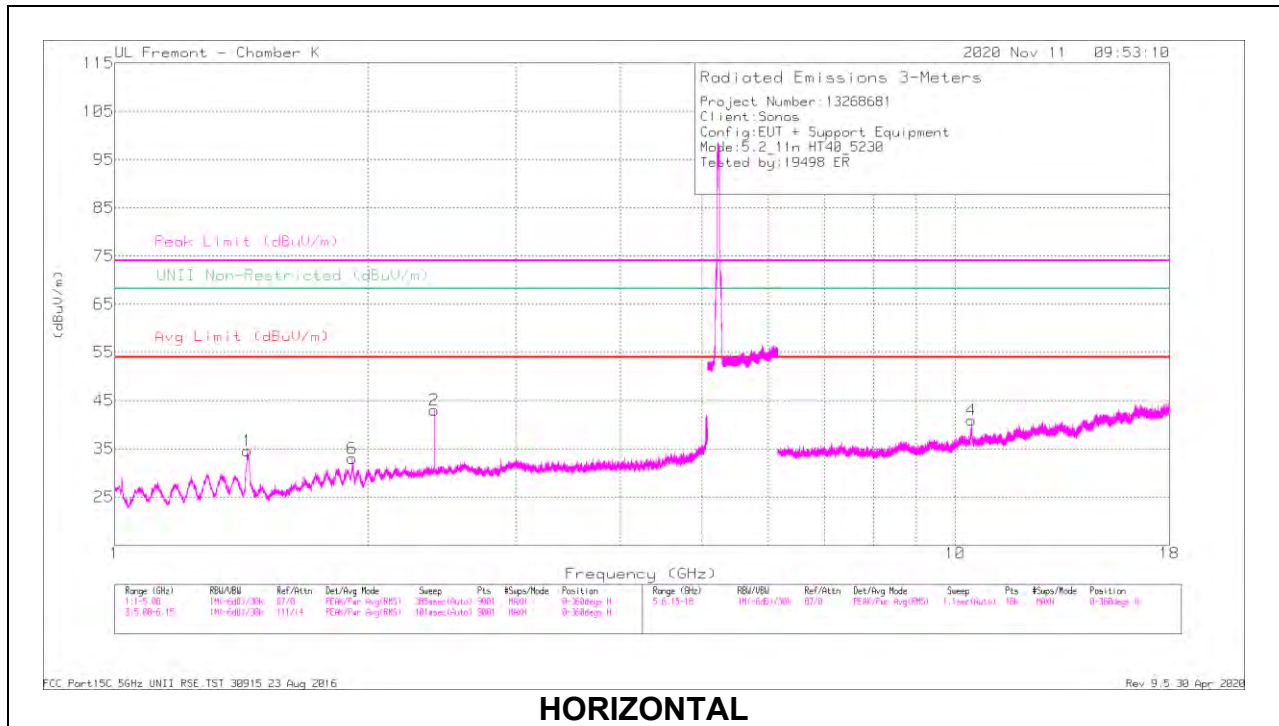
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.43859	64.81	PK-U	28.4	-46.3	0	46.91	-	-	74	-27.09	-	-	27	189	H
	* 1.44009	50.18	ADR	28.4	-46.3	-34	32.62	54	-21.38	-	-	-	-	27	189	H
2	2.40007	56.77	PK-U	32.4	-45	0	44.17	-	-	-	-	68.2	-24.03	299	96	H
4	1.91937	65.19	PK-U	30.9	-45.7	0	50.39	-	-	-	-	68.2	-17.81	83	333	H
3	2.39998	55.03	PK-U	32.4	-45	0	42.43	-	-	-	-	68.2	-25.77	313	175	V
5	10.37946	50.21	PK-U	37.6	-37.3	0	50.51	-	-	-	-	68.2	-17.69	240	195	H
6	10.38109	52.51	PK-U	37.6	-37.2	0	52.91	-	-	-	-	68.2	-15.29	212	101	V

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

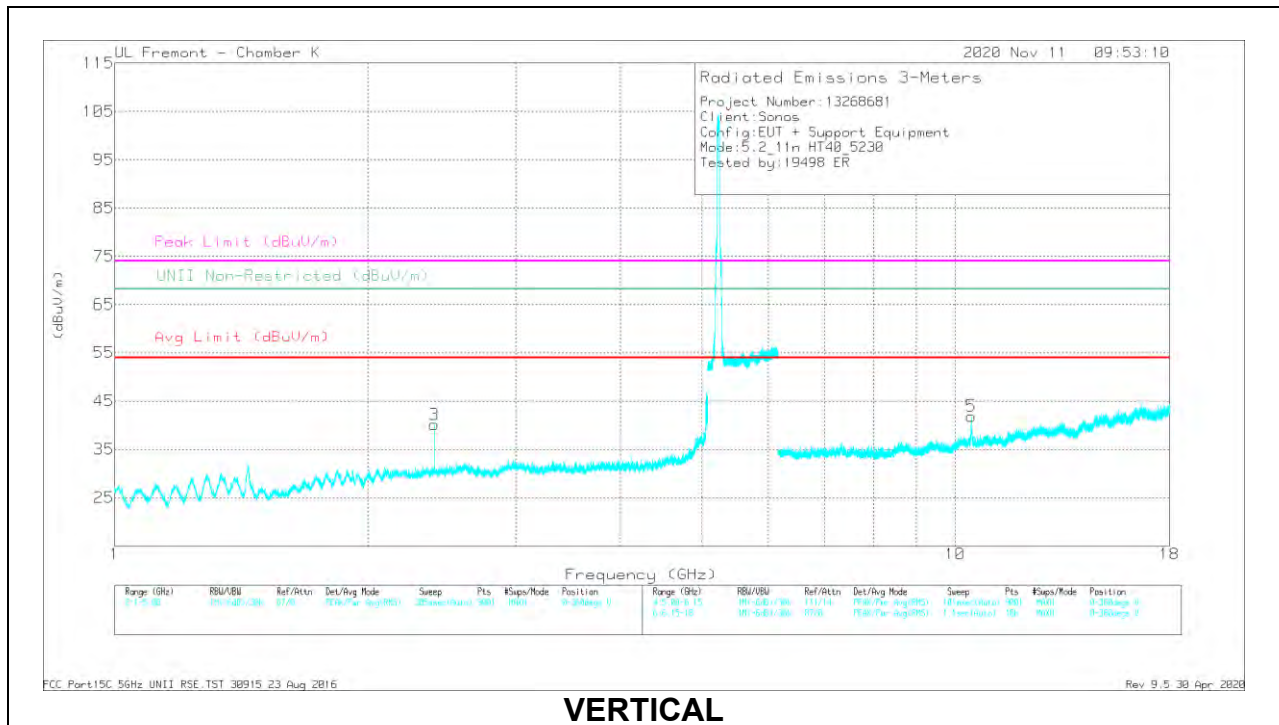
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/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	* 1.43747	64.41	PK-U	28.4	-46.3	0	46.51	-	-	74	-27.49	-	-	14	183	H
	* 1.43972	50.08	ADR	28.4	-46.3	-34	32.52	54	-21.48	-	-	-	-	14	183	H
2	2.39999	60.42	PK-U	32.4	-45	0	47.82	-	-	-	-	68.2	-20.38	219	267	H
6	1.92004	63.82	PK-U	30.9	-45.7	0	49.02	-	-	-	-	68.2	-19.18	306	189	H
3	2.40005	58.1	PK-U	32.4	-45	0	45.5	-	-	-	-	68.2	-22.7	190	284	V
4	10.45672	47.1	PK-U	37.7	-37	0	47.8	-	-	-	-	68.2	-20.4	155	181	H
5	10.45965	51.05	PK-U	37.7	-37	0	51.75	-	-	-	-	68.2	-16.45	212	97	V

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

PK-U - U-NII: Maximum Peak

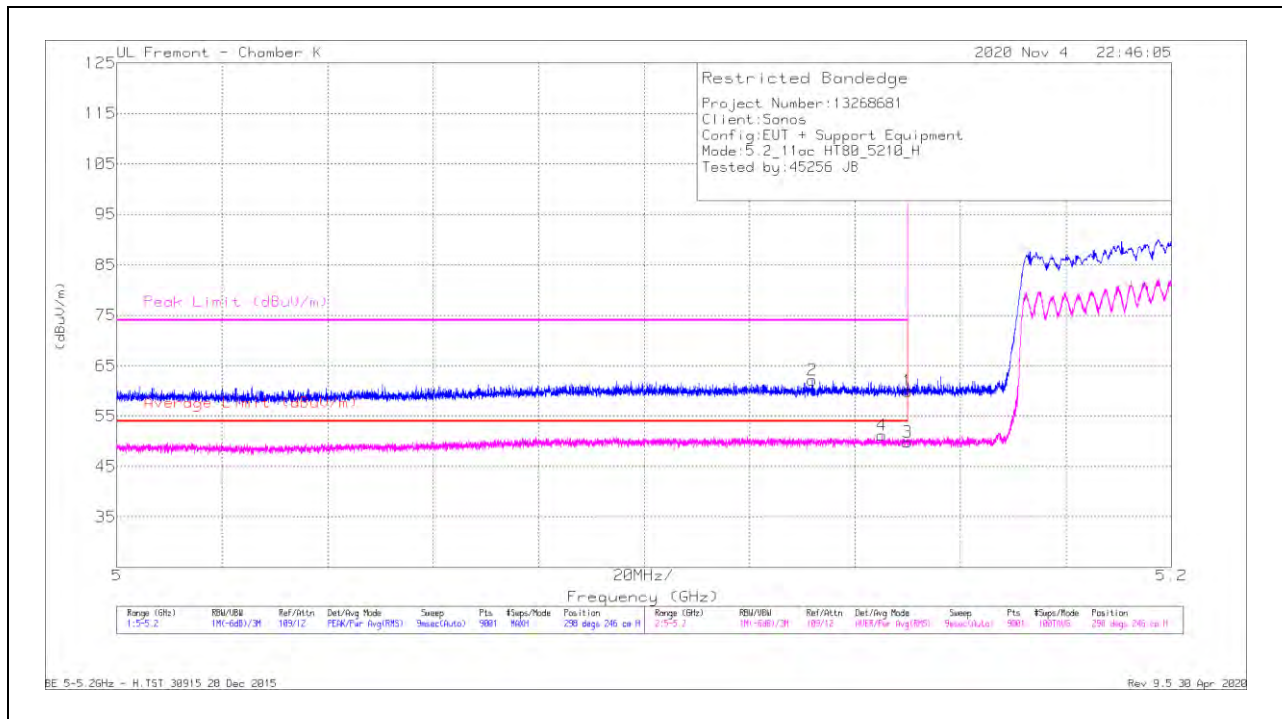
ADR - U-NII AD primary method, RMS average

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

2TX CHAIN 0 + CHAIN 1

BANDEGE (MID CHANNEL)

HORIZONTAL RESULT



Trace Markers

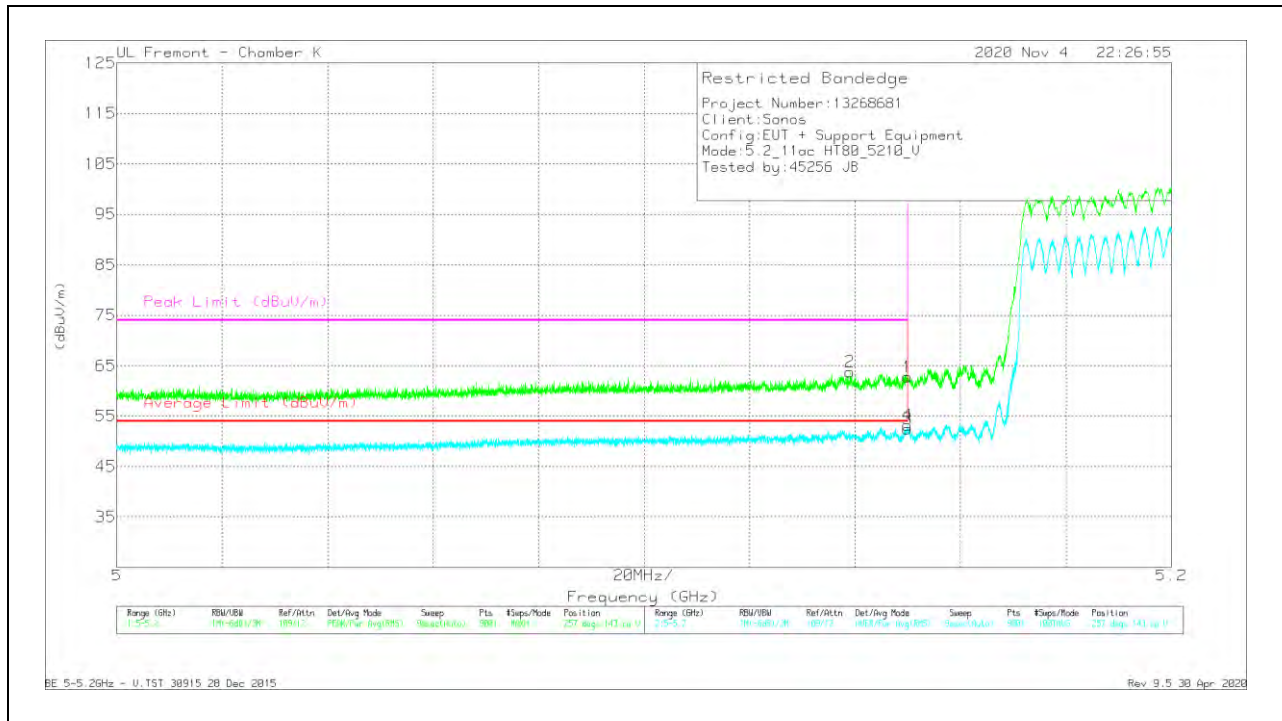
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	32.97	Pk	34.6	-7.6	0	59.97	-	-	74	-14.03	298	246	H
2	* 5.13187	35.34	PK	34.5	-7.7	0	62.14	-	-	74	-11.86	298	246	H
3	* 5.15	22.19	RMS	34.6	-7.6	.66	49.85	54	-4.15	-	-	298	246	H
4	* 5.14507	23.63	RMS	34.5	-7.6	.66	51.19	54	-2.81	-	-	298	246	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	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	35.8	Pk	34.6	-7.6	0	62.8	-	-	74	-11.2	257	143	V
2	* 5.13902	36.82	Pk	34.6	-7.7	0	63.72	-	-	74	-10.28	257	143	V
3	* 5.15	24.84	RMS	34.6	-7.6	.66	52.5	54	-1.5	-	-	257	143	V
4	* 5.14995	25.53	RMS	34.6	-7.6	.66	53.19	54	-0.81	-	-	257	143	V

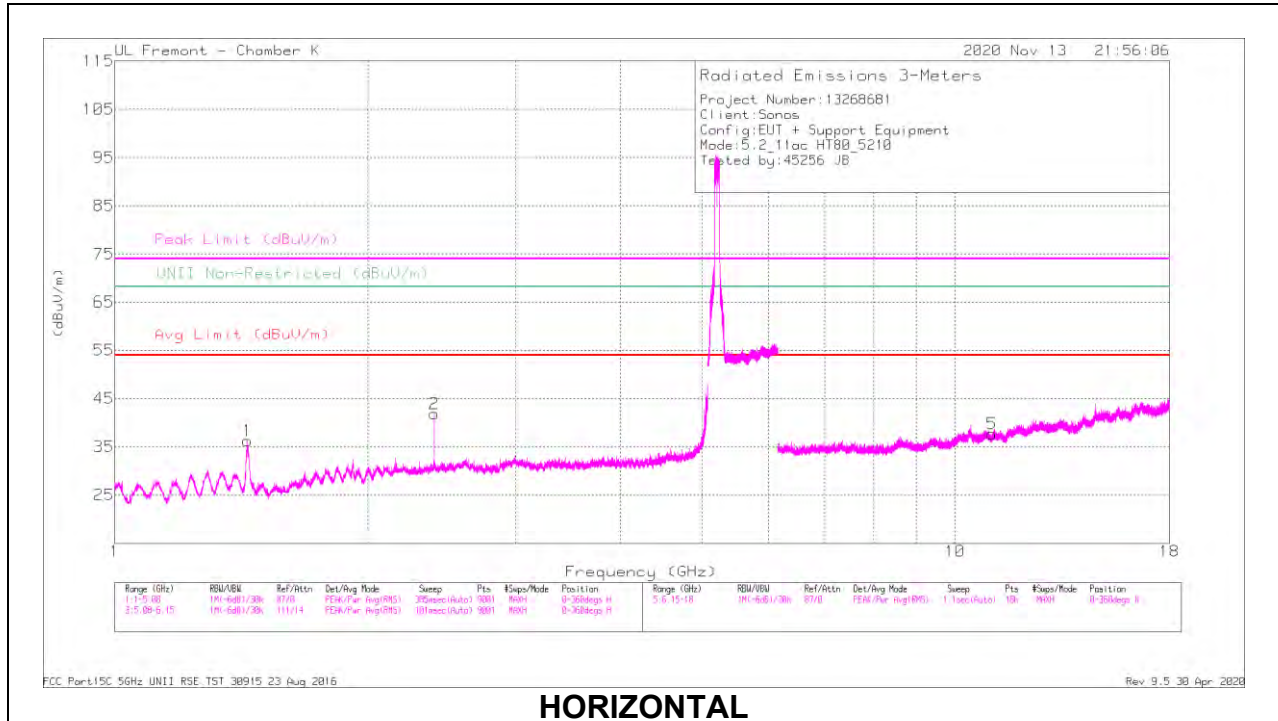
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

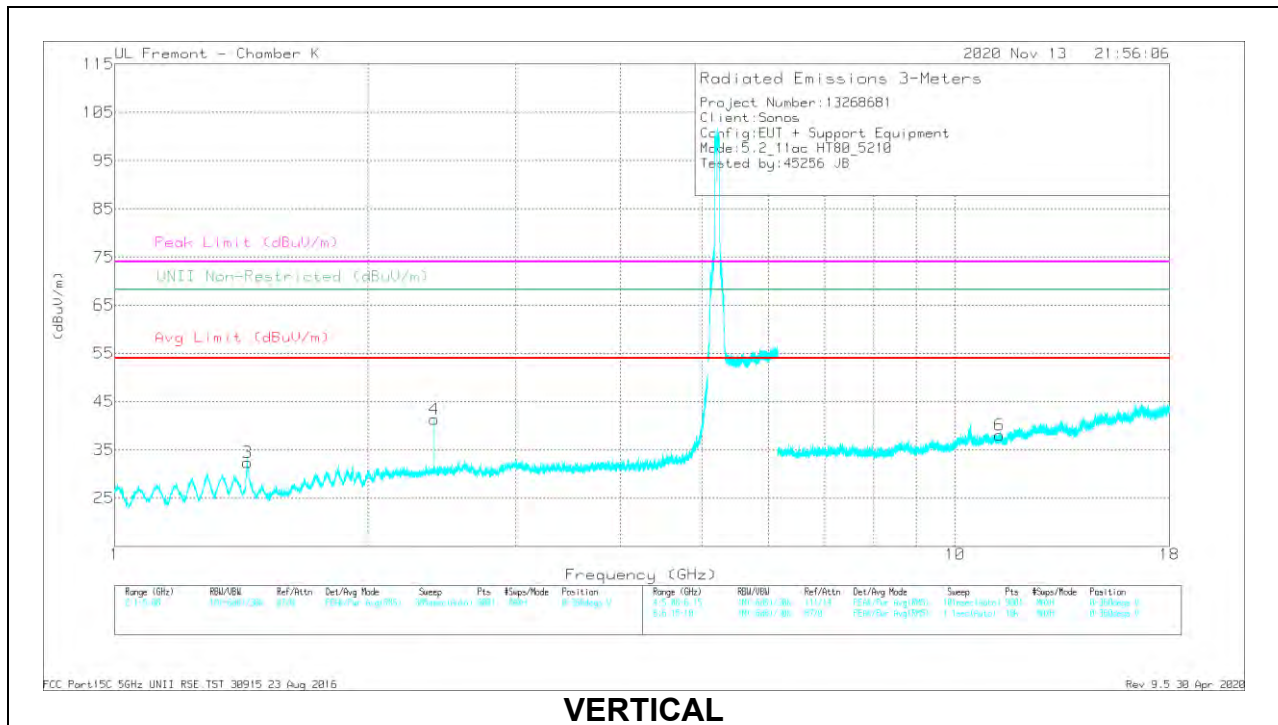
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/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	* 1.43905	66.5	PK-U	28.4	-46.3	0	48.6	-	-	74	-25.4	-	-	58	206	H
	* 1.43853	52.6	ADR	28.4	-46.3	66	35.36	54	-18.64	-	-	-	-	58	206	H
2	2.40007	59.11	PK-U	32.4	-45	0	46.51	-	-	-	-	68.2	-21.69	338	110	H
3	* 1.43874	64.93	PK-U	28.4	-46.3	0	47.03	-	-	74	-26.97	-	-	301	286	V
	* 1.44002	48.16	ADR	28.4	-46.3	66	30.92	54	-23.08	-	-	-	-	301	286	V
4	2.40009	59.37	PK-U	32.4	-45	0	46.77	-	-	-	-	68.2	-21.43	209	280	V
5	* 11.06931	44.91	PK-U	37.8	-37.1	0	45.61	-	-	74	-28.39	-	-	93	353	H
	* 11.06793	33.8	ADR	37.8	-37.1	66	35.16	54	-18.84	-	-	-	-	93	353	H
6	* 11.30402	44.06	PK-U	38	-36.7	0	45.36	-	-	74	-28.64	-	-	49	387	V
	* 11.3042	33.44	ADR	38	-36.7	66	35.4	54	-18.6	-	-	-	-	49	387	V

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

PK-U - U-NII: Maximum Peak

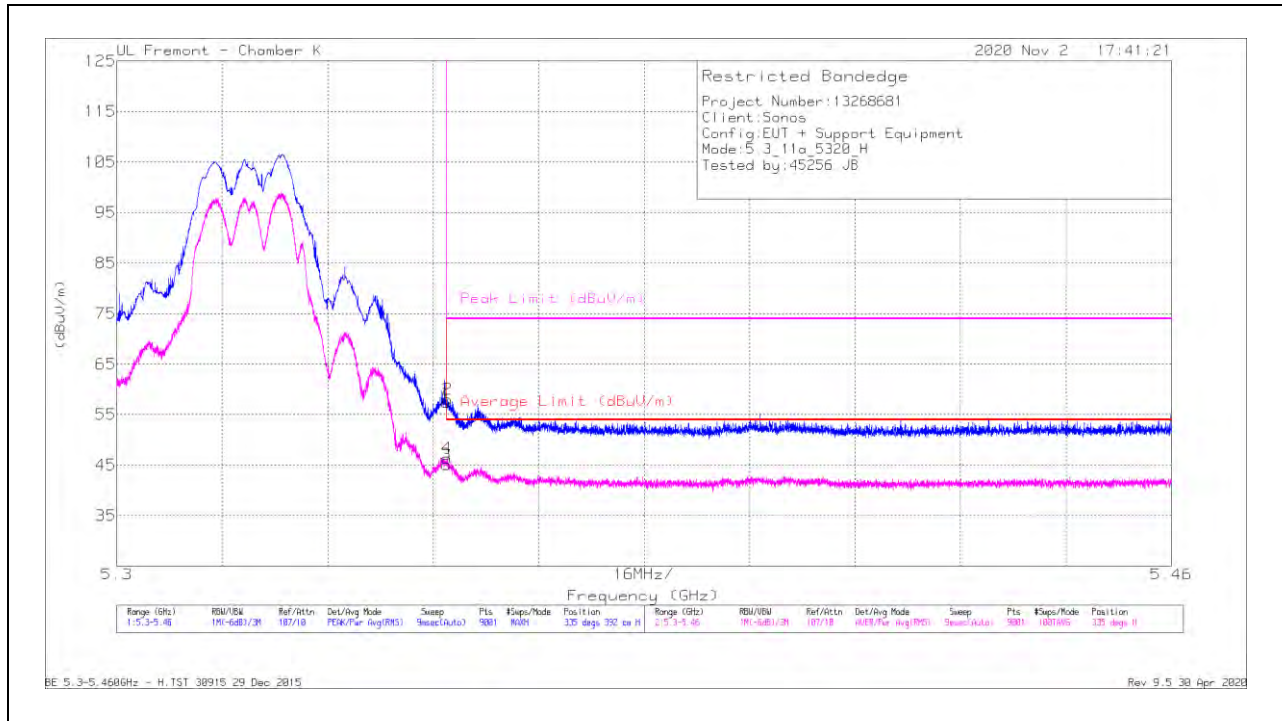
ADR - U-NII AD primary method, RMS average

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

2TX CHAIN 0 + CHAIN 1

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

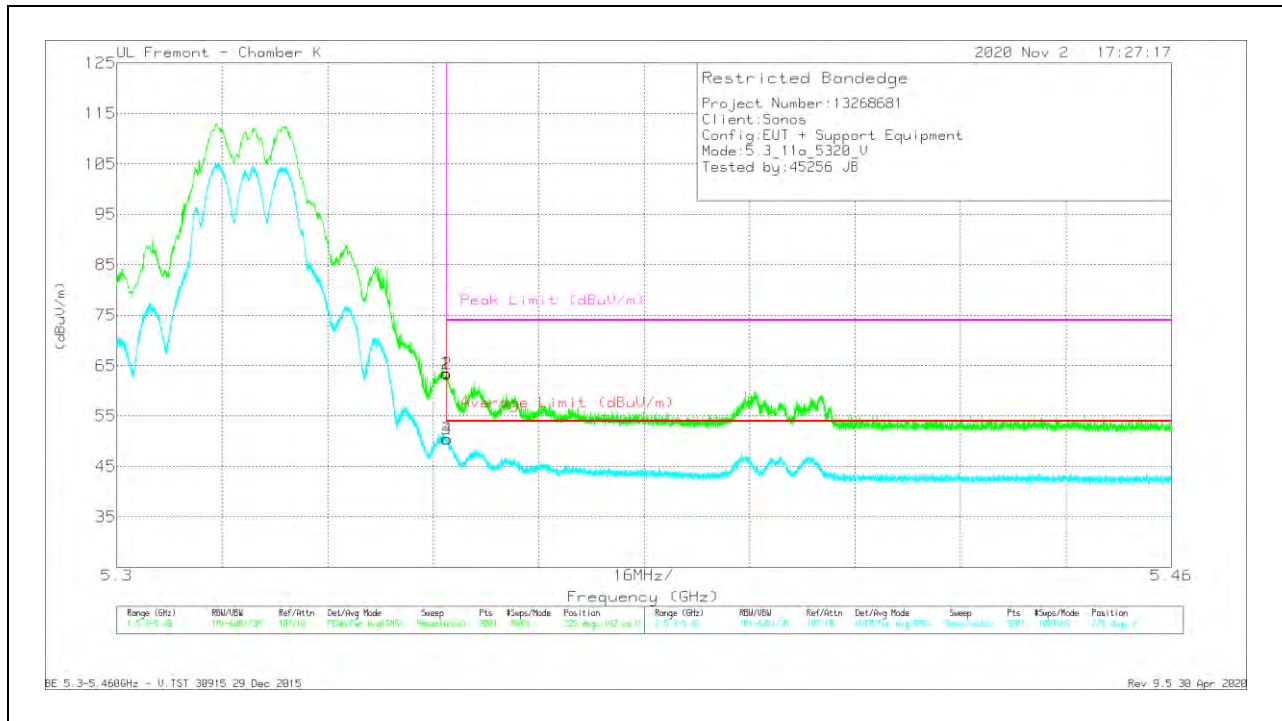
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	53.07	Pk	35.2	-30.8	0	57.47	-	-	74	-16.53	335	392	H
2	* 5.35024	53.66	PK	35.2	-30.8	0	58.06	-	-	74	-15.94	335	392	H
3	* 5.35001	40.55	RMS	35.2	-30.8	.16	45.11	54	-8.89	-	-	335	392	H
4	* 5.35008	41.82	RMS	35.2	-30.8	.16	46.38	54	-7.62	-	-	335	392	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	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	* 5.35001	59.08	Pk	35.2	-30.8	0	63.48	-	-	74	-10.52	225	142	V
2	* 5.35012	59	Pk	35.2	-30.8	0	63.4	-	-	74	-10.6	225	142	V
3	* 5.35001	45.88	RMS	35.2	-30.8	.16	50.44	54	-3.56	-	-	225	142	V
4	* 5.35019	45.89	RMS	35.2	-30.8	.16	50.45	54	-3.55	-	-	225	142	V

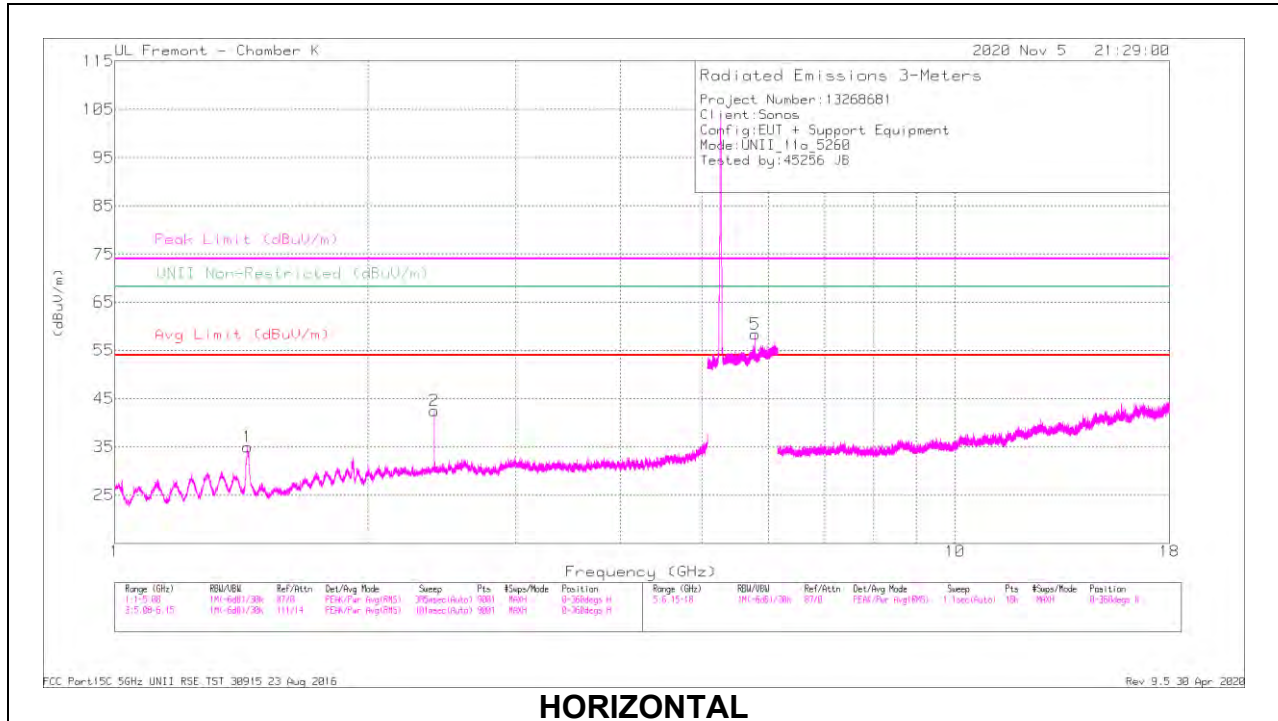
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

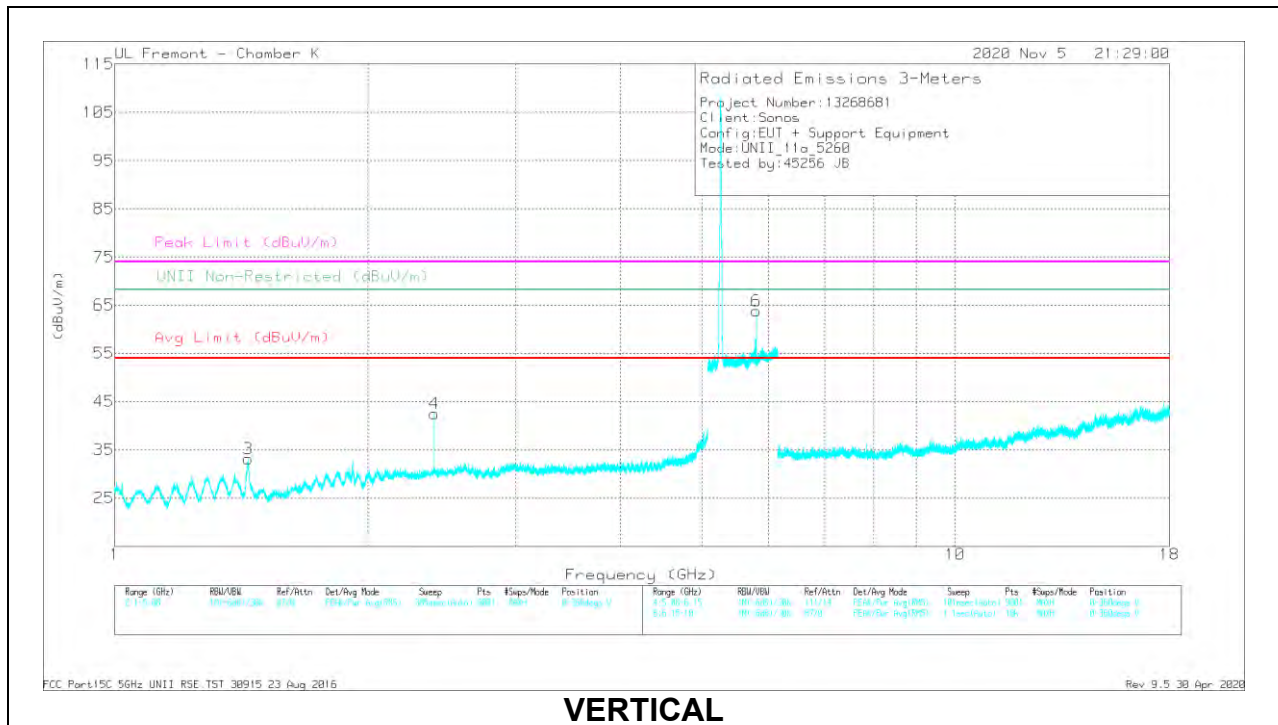
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



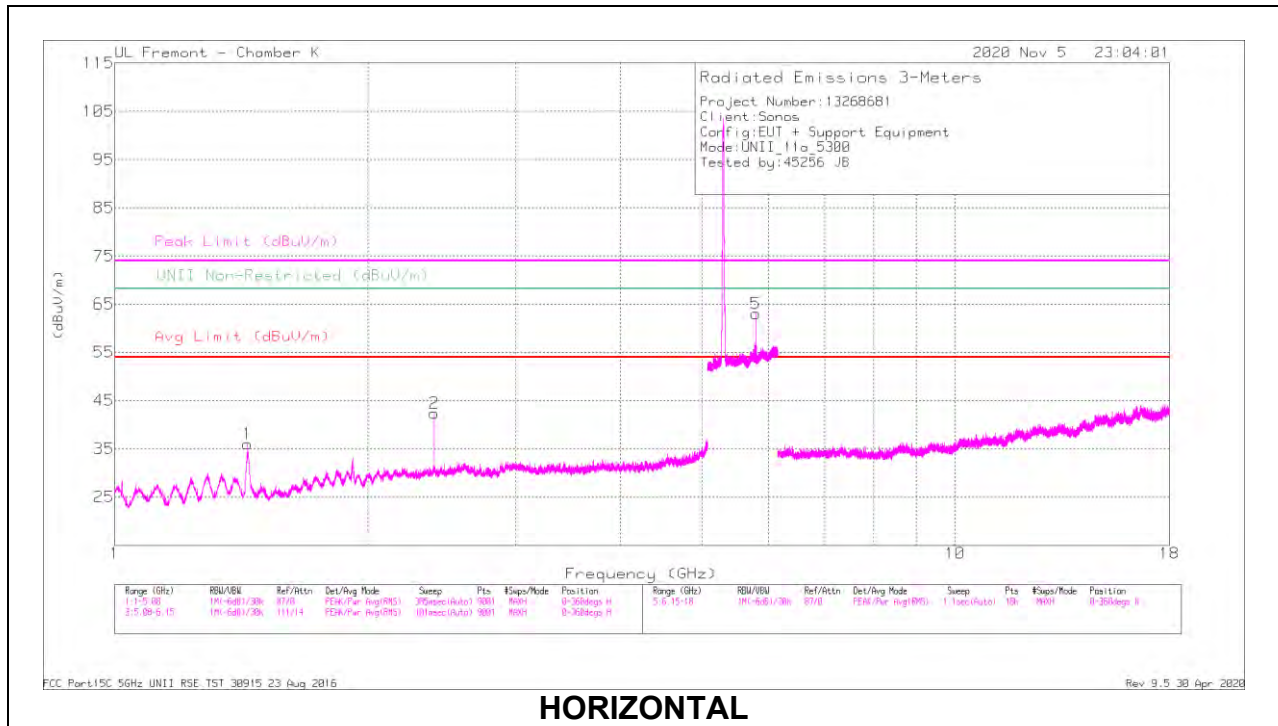
VERTICAL

RADIATED EMISSIONS

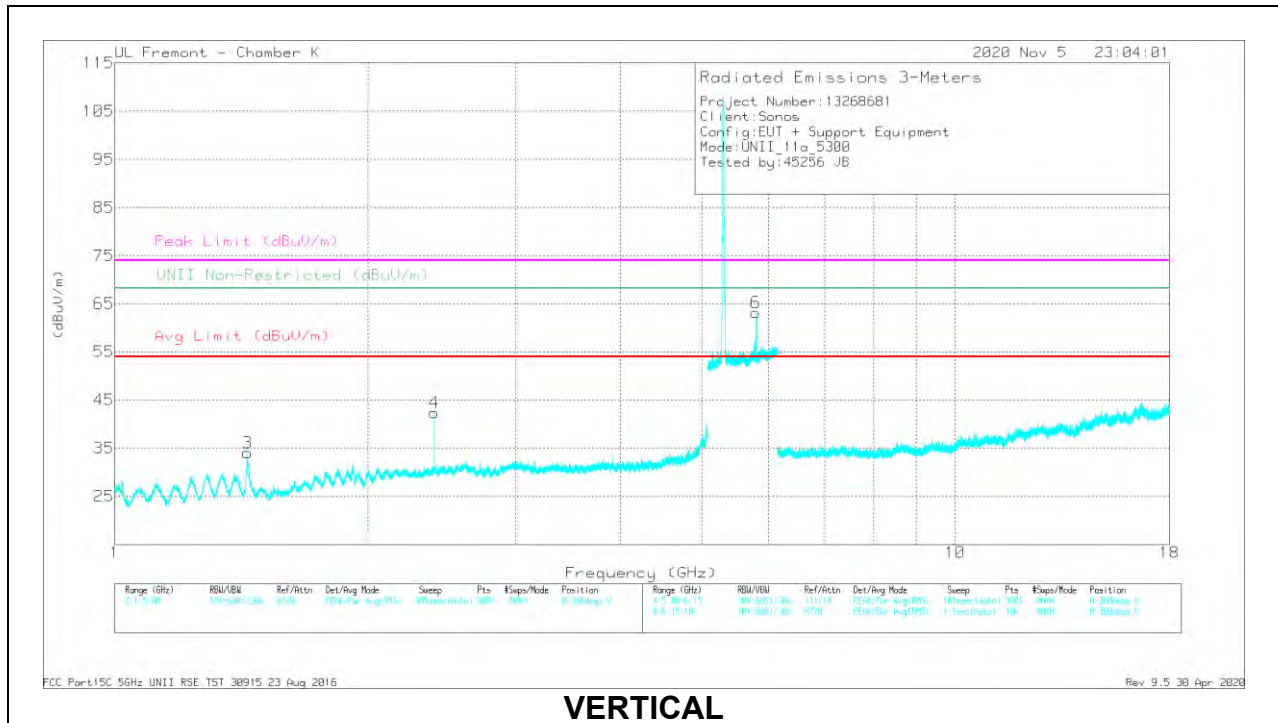
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.4384	64.95	PK-U	28.4	-46.3	0	47.05	-	-	74	-26.95	-	-	3	100	H
	* 1.43997	49.27	ADR	28.4	-46.3	-16	31.53	54	-22.47	-	-	-	-	3	100	H
2	2.40005	58.66	PK-U	32.4	-45	0	46.06	-	-	-	-	68.2	-22.14	298	166	H
3	* 1.43904	62.35	PK-U	28.4	-46.3	0	44.45	-	-	74	-29.55	-	-	267	262	V
	* 1.44004	46.25	ADR	28.4	-46.3	-16	28.51	54	-25.49	-	-	-	-	267	262	V
4	2.40013	59.08	PK-U	32.4	-45	0	46.48	-	-	-	-	68.2	-21.72	161	208	V
5	5.78518	31.72	PK-U	35.1	-6.6	0	60.22	-	-	-	-	68.2	-7.98	174	169	H
6	5.80073	32.55	PK-U	35	-6.5	0	61.05	-	-	-	-	68.2	-7.15	267	138	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



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

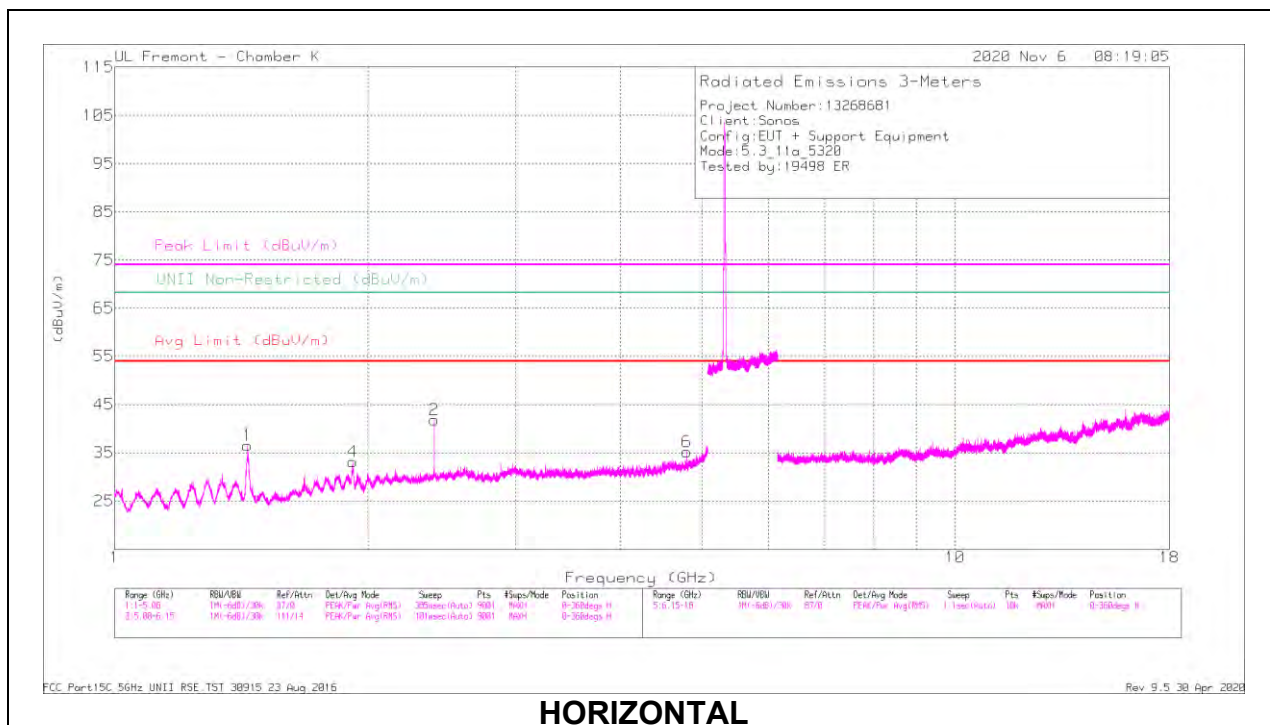
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.43885	62.65	PK-U	28.4	-46.3	0	44.75	-	-	74	-29.25	-	-	47	351	H
	* 1.44098	48.45	ADR	28.4	-46.3	-16	30.71	54	-23.29	-	-	-	-	47	351	H
2	2.39994	59.4	PK-U	32.4	-45	0	46.8	-	-	-	-	68.2	-21.4	18	188	H
3	* 1.44146	63.61	PK-U	28.4	-46.3	0	45.71	-	-	74	-28.29	-	-	227	192	V
	* 1.44149	49.52	ADR	28.4	-46.3	-16	31.78	54	-22.22	-	-	-	-	227	192	V
4	2.40012	58.27	PK-U	32.4	-45	0	45.67	-	-	-	-	68.2	-22.53	154	206	V
5	5.79861	31.85	PK-U	35	-6.5	0	60.35	-	-	-	-	68.2	-7.85	55	329	H
6	5.79761	32.84	PK-U	35	-6.5	0	61.34	-	-	-	-	68.2	-6.86	148	156	V

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

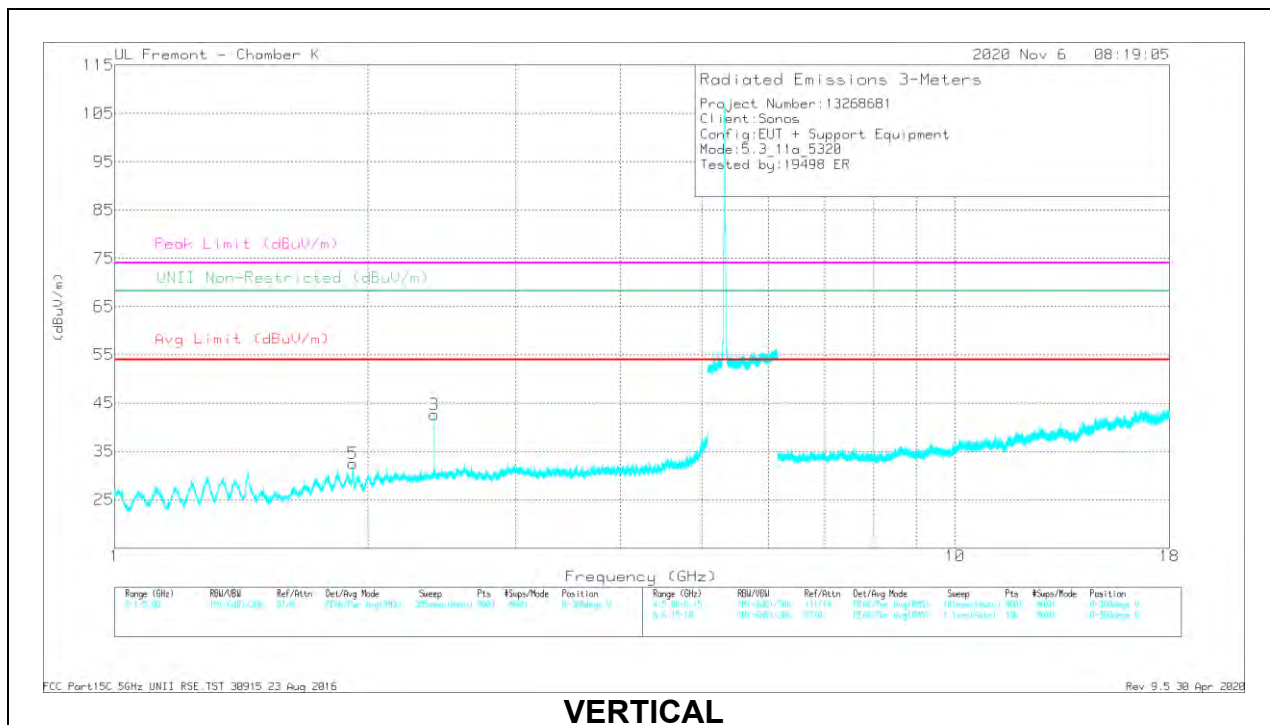
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/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	* 1.43934	72.57	PK-U	28.4	-46.3	0	54.67	-	-	74	-19.33	-	-	46	100	H
	* 1.44009	51.02	ADR	28.4	-46.3	-16	33.28	54	-20.72	-	-	-	-	46	100	H
2	2.40015	59.99	PK-U	32.4	-45	0	47.39	-	-	-	-	68.2	-20.81	245	184	H
4	1.91906	65.67	PK-U	30.9	-45.7	0	50.87	-	-	-	-	68.2	-17.33	278	123	H
6	* 4.80028	47.6	PK-U	34.3	-40.6	0	41.3	-	-	74	-32.7	-	-	73	196	H
	* 4.80007	38.67	ADR	34.3	-40.6	-16	32.53	54	-21.47	-	-	-	-	73	196	H
3	2.40007	58.25	PK-U	32.4	-45	0	45.65	-	-	-	-	68.2	-22.55	11	160	V
5	1.92008	65.07	PK-U	30.9	-45.7	0	50.27	-	-	-	-	68.2	-17.93	336	189	V

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

PK-U - U-NII: Maximum Peak

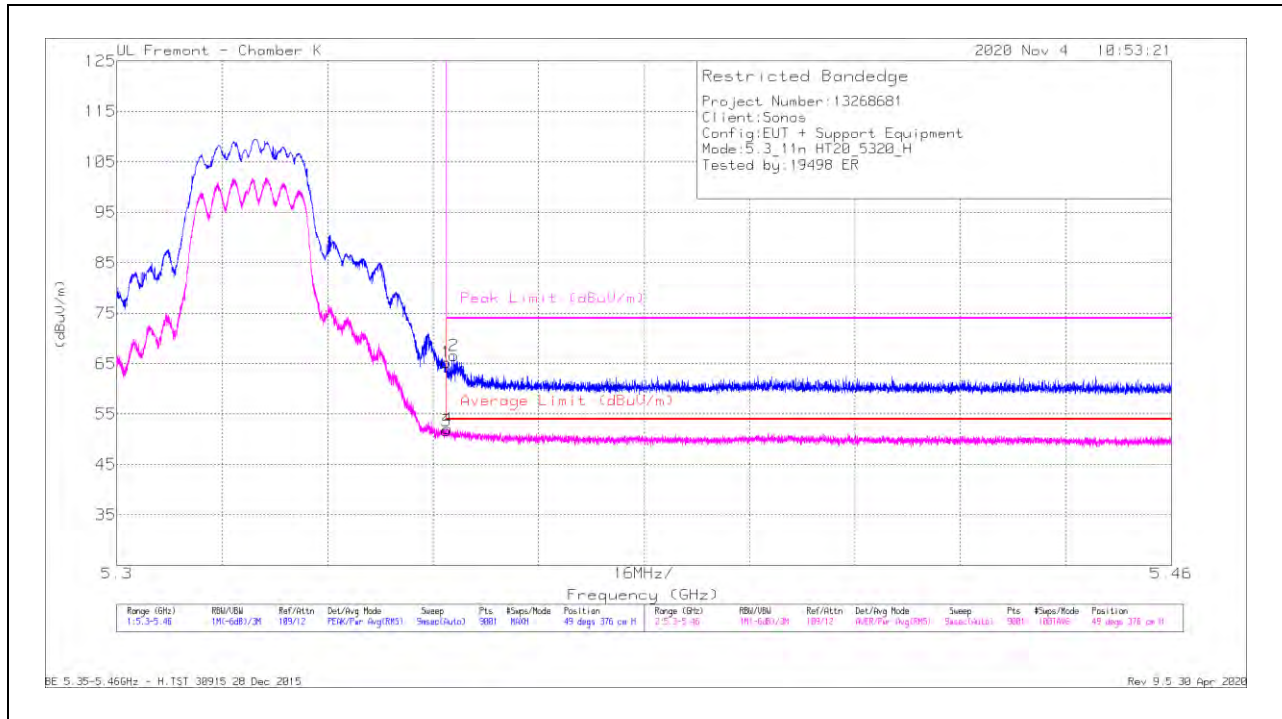
ADR - U-NII AD primary method, RMS average

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

2TX CHAIN 0 + CHAIN 1

BANDEGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

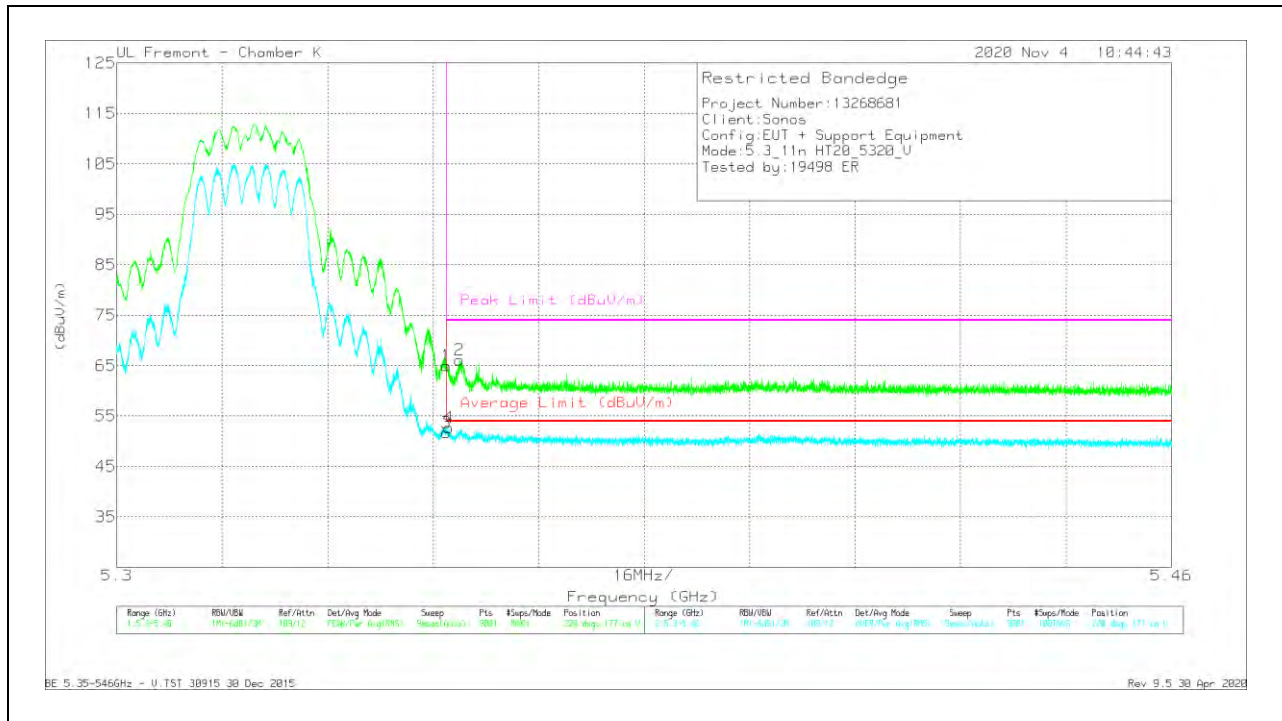
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	37.29	Pk	35.2	-7.2	0	65.29	-	-	74	-8.71	49	376	H
2	* 5.35117	38.62	PK	35.2	-7.2	0	66.62	-	-	74	-7.38	49	376	H
3	* 5.35001	23.5	RMS	35.2	-7.2	.18	51.68	54	-2.32	-	-	49	376	H
4	* 5.35021	23.86	RMS	35.2	-7.2	.18	52.04	54	-1.96	-	-	49	376	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	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	* 5.35001	37.01	Pk	35.2	-7.2	0	65.01	-	-	74	-8.99	220	177	V
2	* 5.35202	38.1	Pk	35.2	-7.2	0	66.1	-	-	74	-7.9	220	177	V
3	* 5.35001	23.56	RMS	35.2	-7.2	.18	51.74	54	-2.26	-	-	220	177	V
4	* 5.35037	24.51	RMS	35.2	-7.2	.18	52.69	54	-1.31	-	-	220	177	V

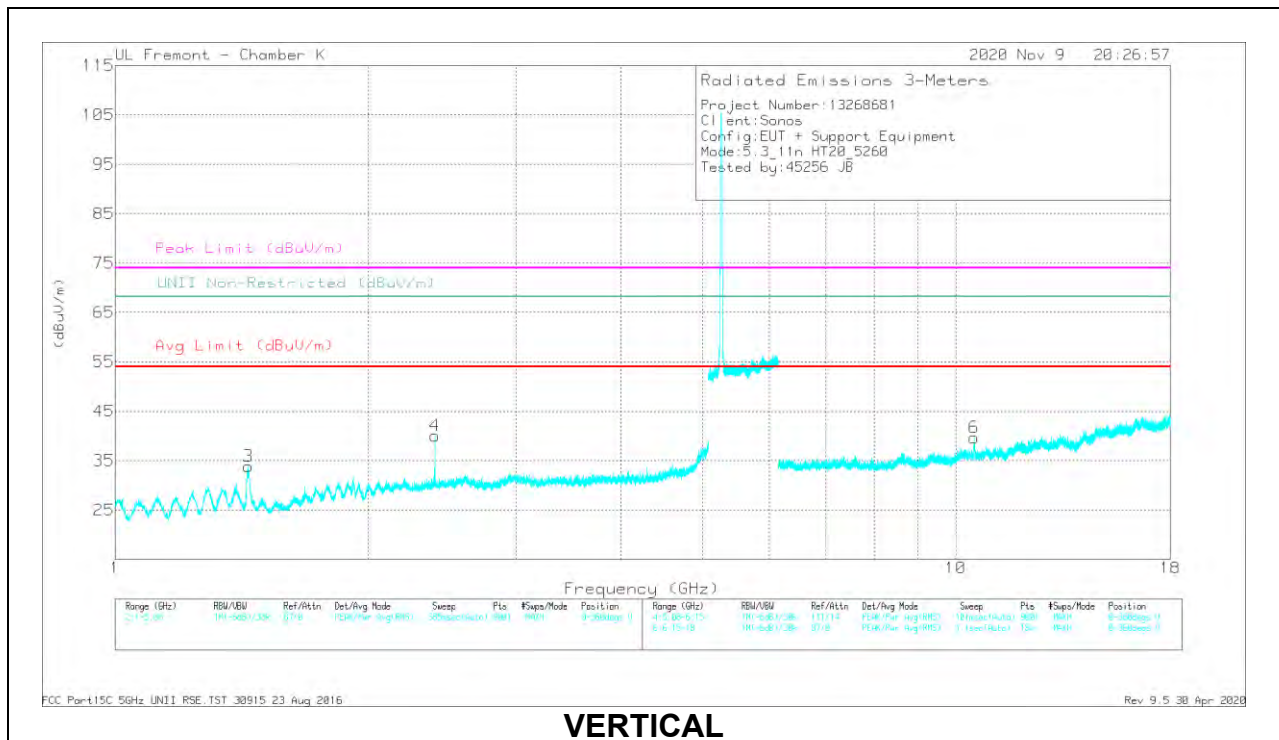
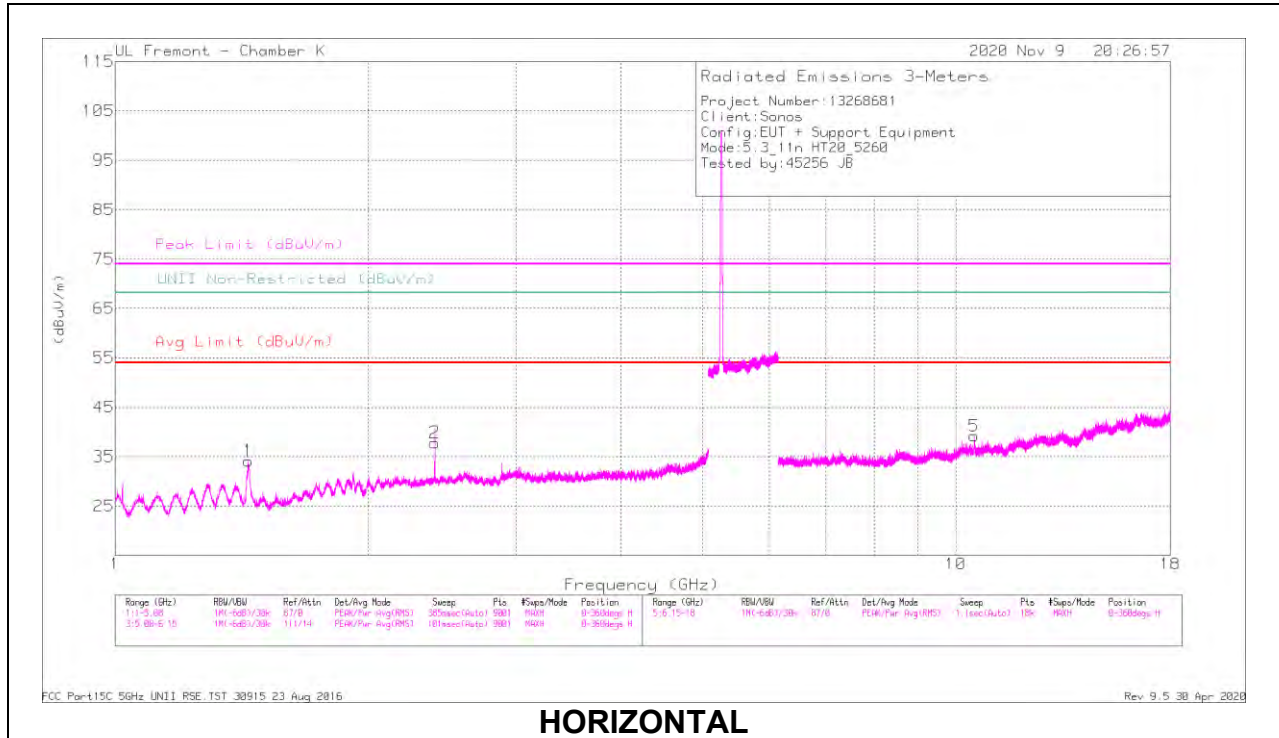
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

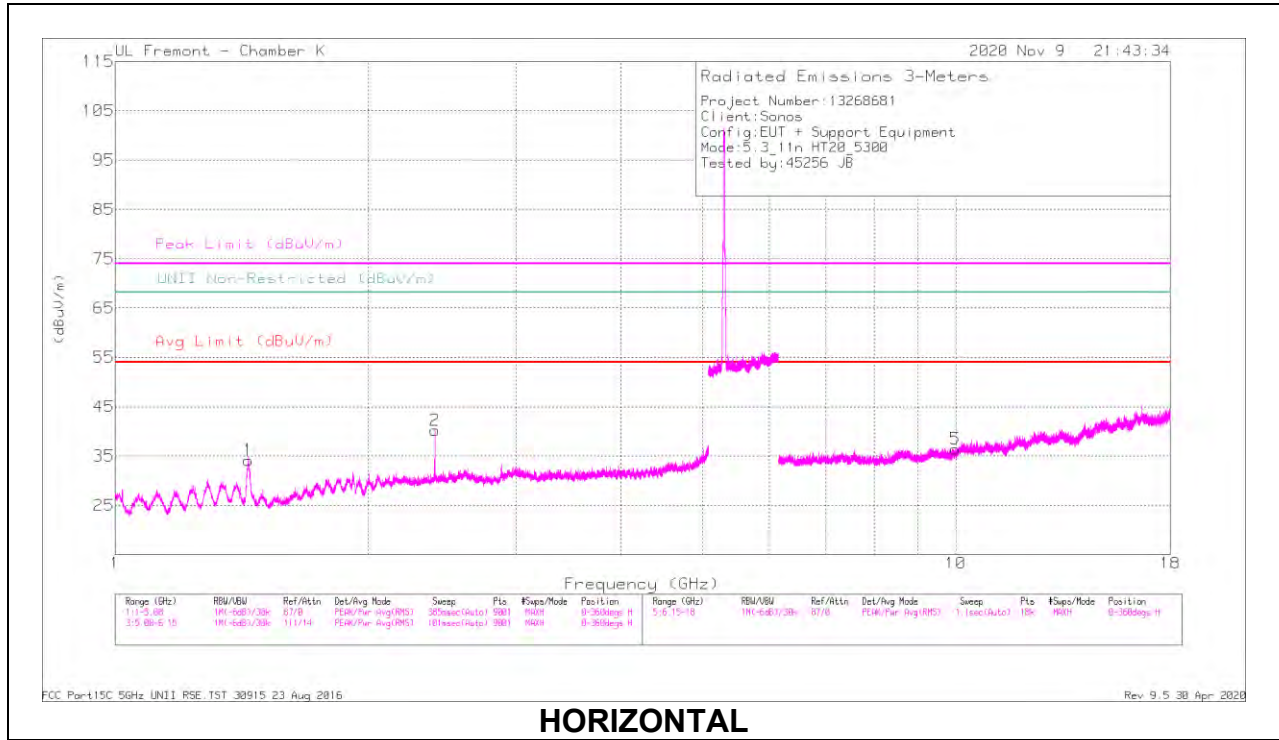
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.43899	64.72	PK-U	28.4	-46.3	0	46.82	-	-	74	-27.18	-	-	39	98	H
	* 1.43957	50.26	ADR	28.4	-46.3	-18	32.54	54	-21.46	-	-	-	-	39	98	H
2	2.40007	59.02	PK-U	32.4	-45	0	46.42	-	-	-	-	68.2	-21.78	322	169	H
3	* 1.43893	64.24	PK-U	28.4	-46.3	0	46.34	-	-	74	-27.66	-	-	2	97	V
	* 1.43908	48.68	ADR	28.4	-46.3	-18	30.96	54	-23.04	-	-	-	-	2	97	V
4	2.40006	56.59	PK-U	32.4	-45	0	43.99	-	-	-	-	68.2	-24.21	293	95	V
5	10.5158	48.6	PK-U	37.8	-37.4	0	49	-	-	-	-	68.2	-19.2	234	200	H
6	10.518	49.41	PK-U	37.8	-37.4	0	49.81	-	-	-	-	68.2	-18.39	199	126	V

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

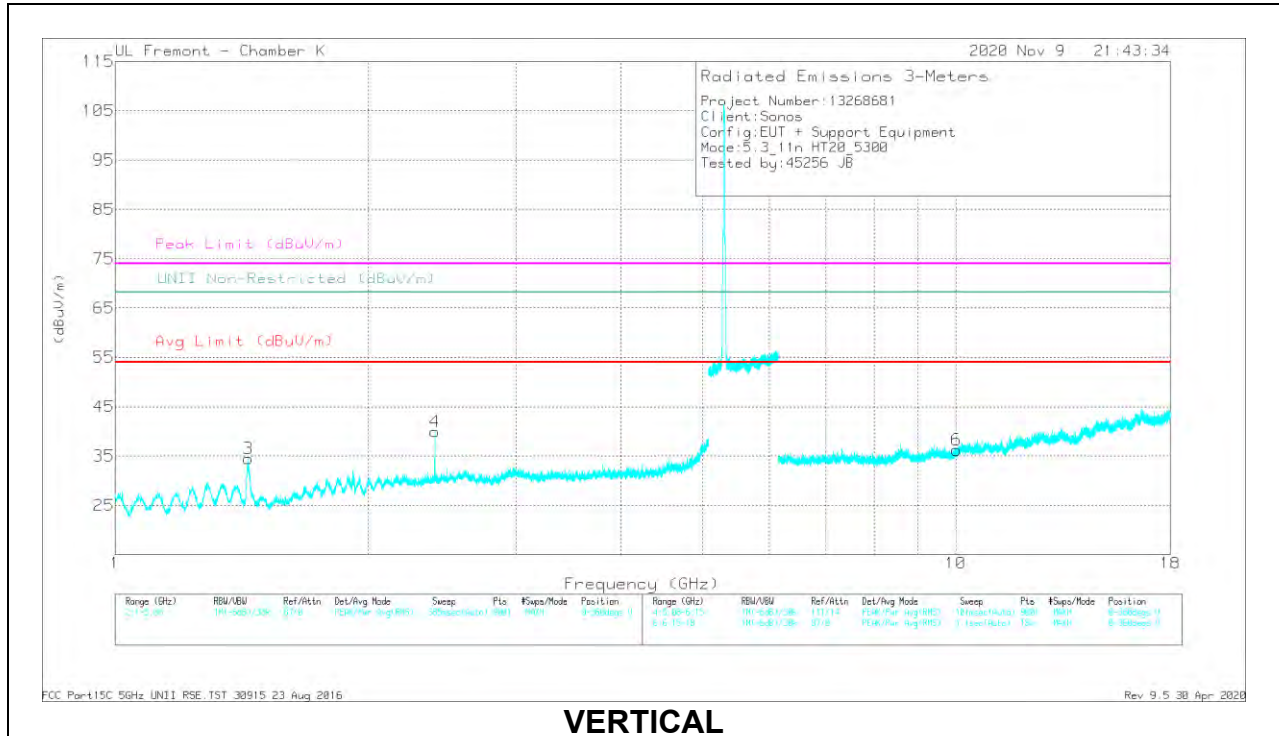
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

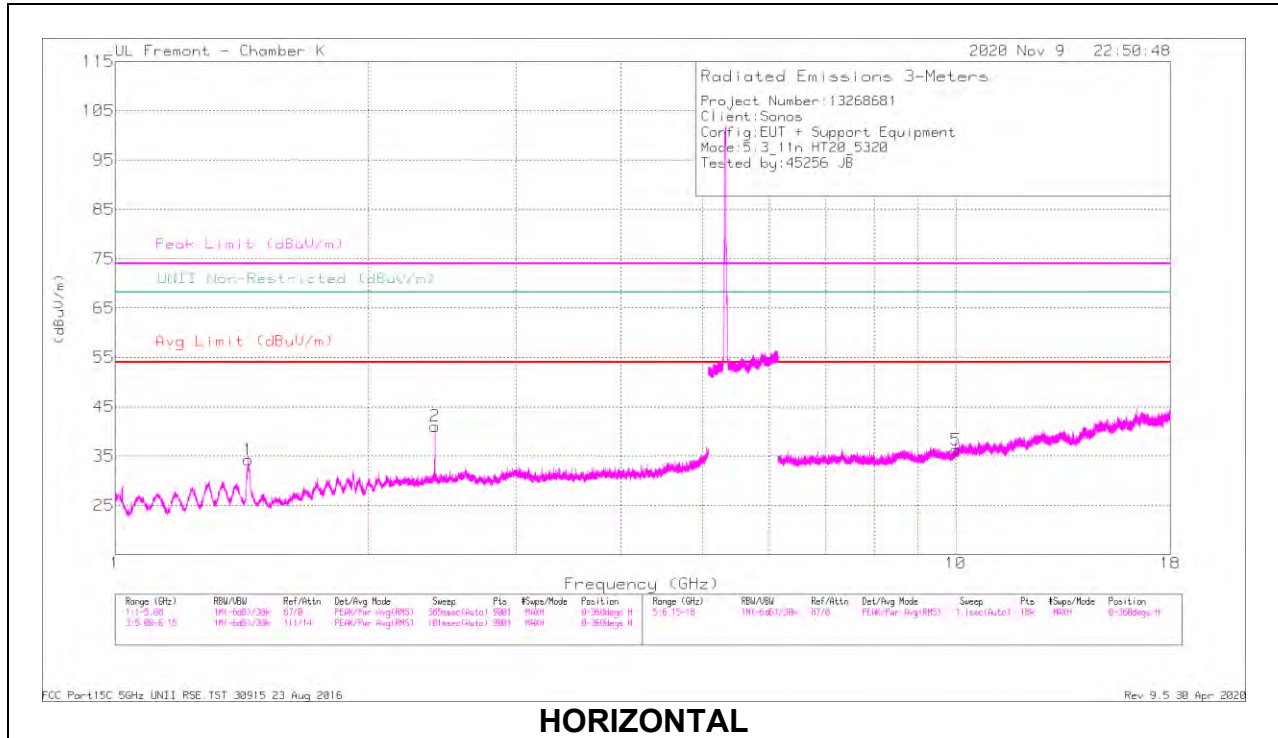
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.43923	64.79	PK-U	28.4	-46.3	0	46.89	-	-	74	-27.11	-	-	39	95	H
	* 1.44	48.81	ADR	28.4	-46.3	-18	31.09	54	-22.91	-	-	-	-	39	95	H
2	2.40008	59.05	PK-U	32.4	-45	0	46.45	-	-	-	-	68.2	-21.75	324	169	H
3	* 1.43837	64.23	PK-U	28.4	-46.3	0	46.33	-	-	74	-27.67	-	-	4	96	V
	* 1.4389	50.49	ADR	28.4	-46.3	-18	32.77	54	-21.23	-	-	-	-	4	96	V
4	2.40015	58.04	PK-U	32.4	-45	0	45.44	-	-	-	-	68.2	-22.76	197	201	V
5	9.98847	44.67	PK-U	37.2	-37	0	44.87	-	-	-	-	68.2	-23.33	236	402	H
6	10.02307	44.22	PK-U	37.2	-37.2	0	44.22	-	-	-	-	68.2	-23.98	359	200	V

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

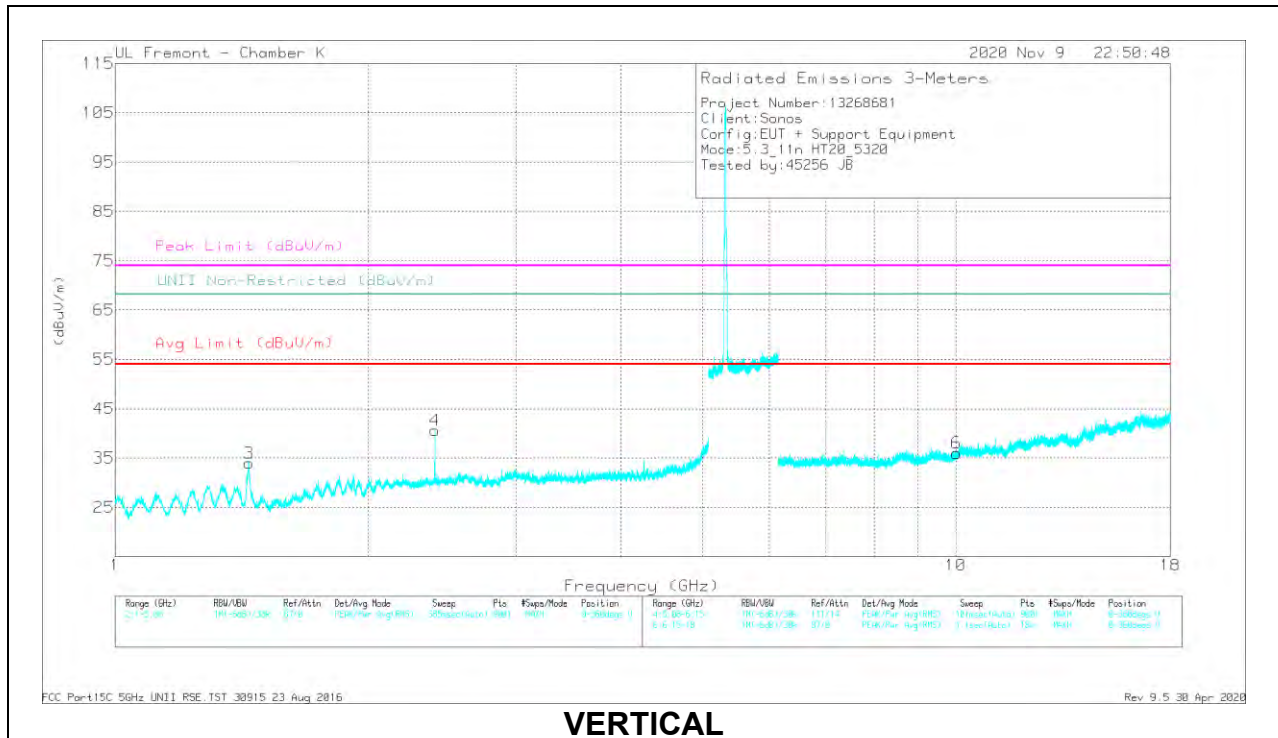
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/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	* 1.44113	64.95	PK-U	28.4	-46.3	0	47.05	-	-	74	-26.95	-	-	56	305	H
	* 1.43912	50.31	ADR	28.4	-46.3	-18	32.59	54	-21.41	-	-	-	-	56	305	H
2	2.40012	59.48	PK-U	32.4	-45	0	46.88	-	-	-	-	68.2	-21.32	319	160	H
3	* 1.44121	63.68	PK-U	28.4	-46.3	0	45.78	-	-	74	-28.22	-	-	4	100	V
	* 1.44161	48.36	ADR	28.4	-46.3	-18	30.64	54	-23.36	-	-	-	-	4	100	V
4	2.39996	56.41	PK-U	32.4	-45	0	43.81	-	-	-	-	68.2	-24.39	198	204	V
5	10.00699	43.94	PK-U	37.2	-37.1	0	44.04	-	-	-	-	68.2	-24.16	112	127	H
6	10.02692	44.11	PK-U	37.2	-37.2	0	44.11	-	-	-	-	68.2	-24.09	218	298	V

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

PK-U - U-NII: Maximum Peak

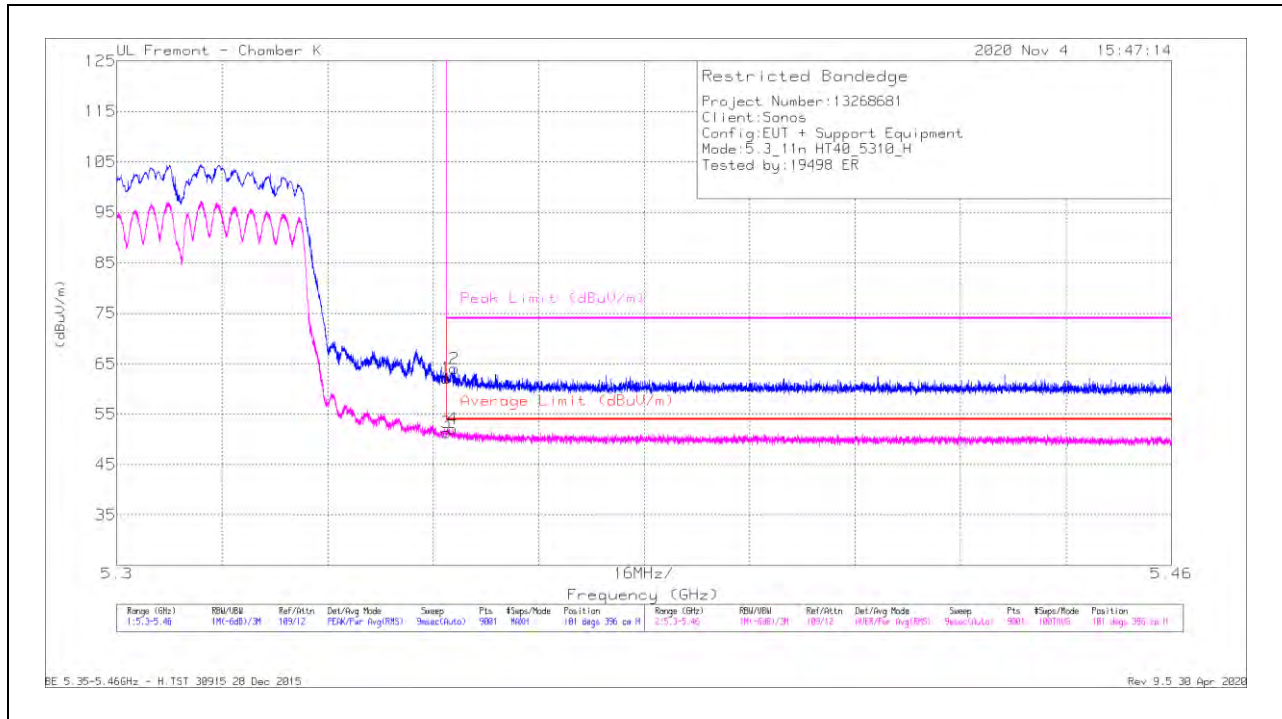
ADR - U-NII AD primary method, RMS average

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

2TX CHAIN 0 + CHAIN 1

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

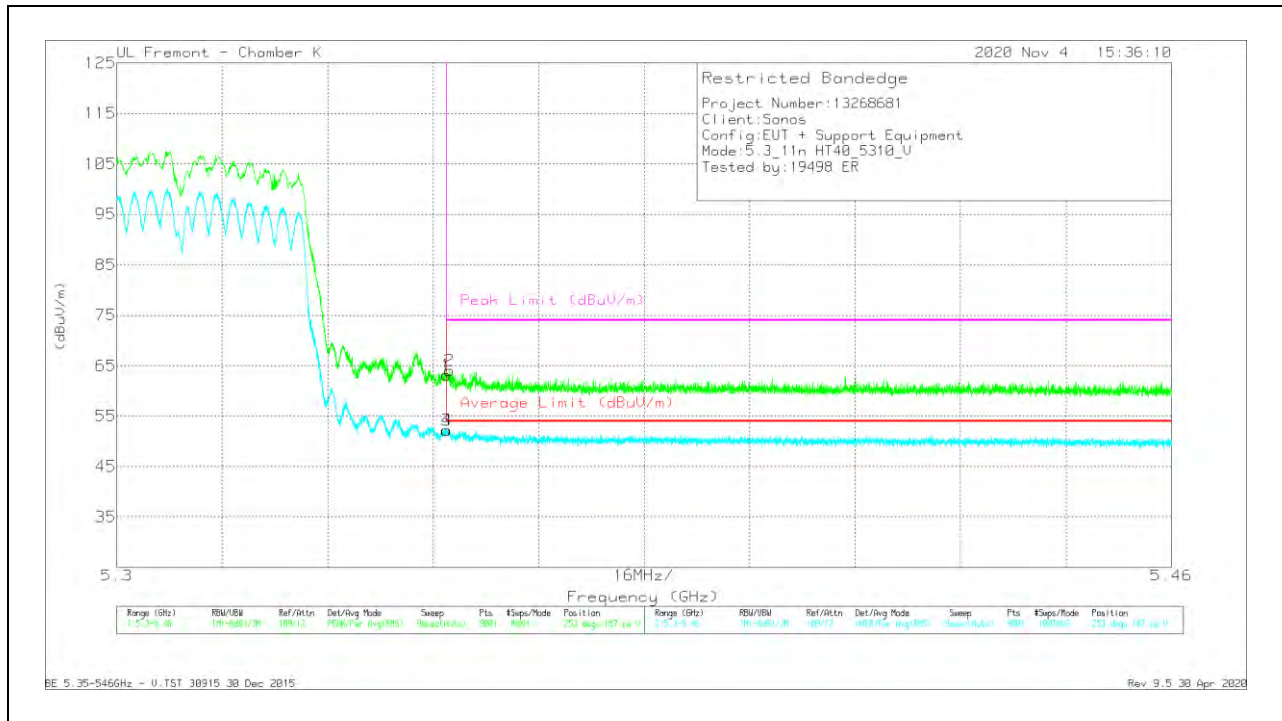
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	34.19	Pk	35.2	-7.2	0	62.19	-	-	74	-11.81	101	396	H
2	* 5.3512	36	PK	35.2	-7.2	0	64	-	-	74	-10	101	396	H
3	* 5.35001	22.97	RMS	35.2	-7.2	.34	51.31	54	-2.69	-	-	101	396	H
4	* 5.35095	23.71	RMS	35.2	-7.2	.34	52.05	54	-1.95	-	-	101	396	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	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	* 5.35001	35.09	Pk	35.2	-7.2	0	63.09	-	-	74	-10.91	253	187	V
2	* 5.35053	35.96	Pk	35.2	-7.2	0	63.96	-	-	74	-10.04	253	187	V
3	* 5.35001	23.82	RMS	35.2	-7.2	.34	52.16	54	-1.84	-	-	253	187	V
4	* 5.35008	23.88	RMS	35.2	-7.2	.34	52.22	54	-1.78	-	-	253	187	V

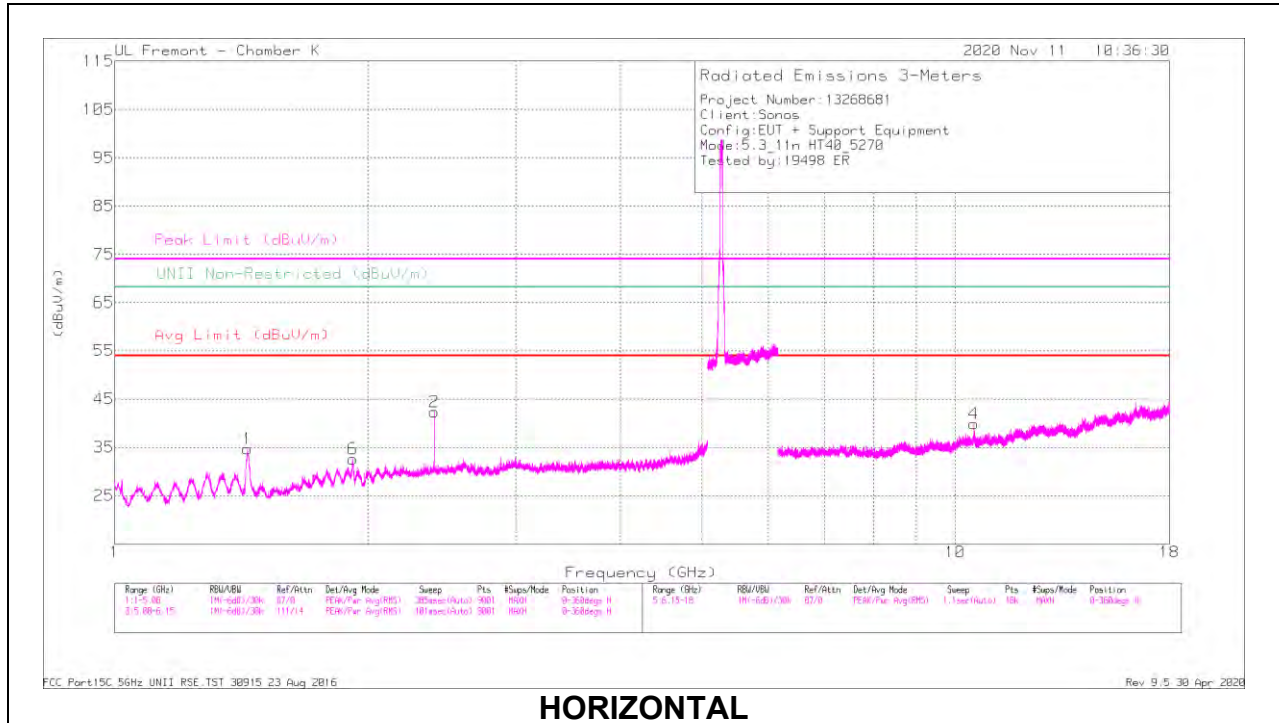
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

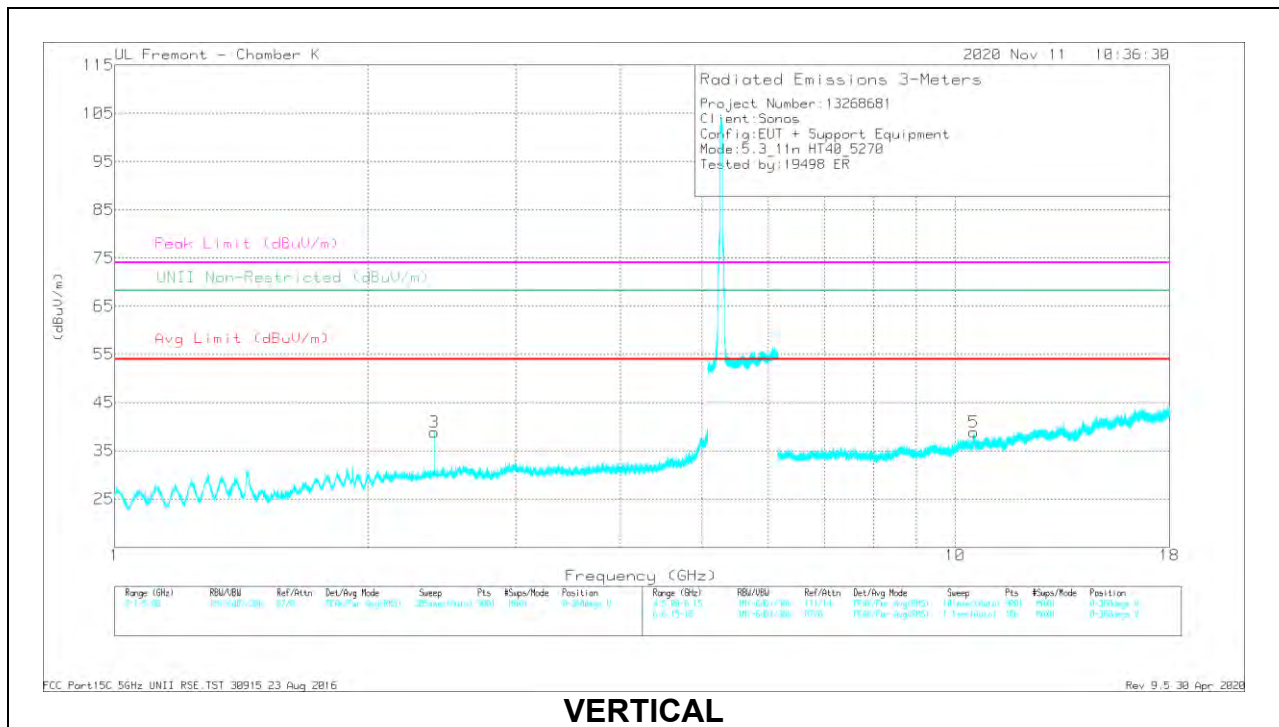
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

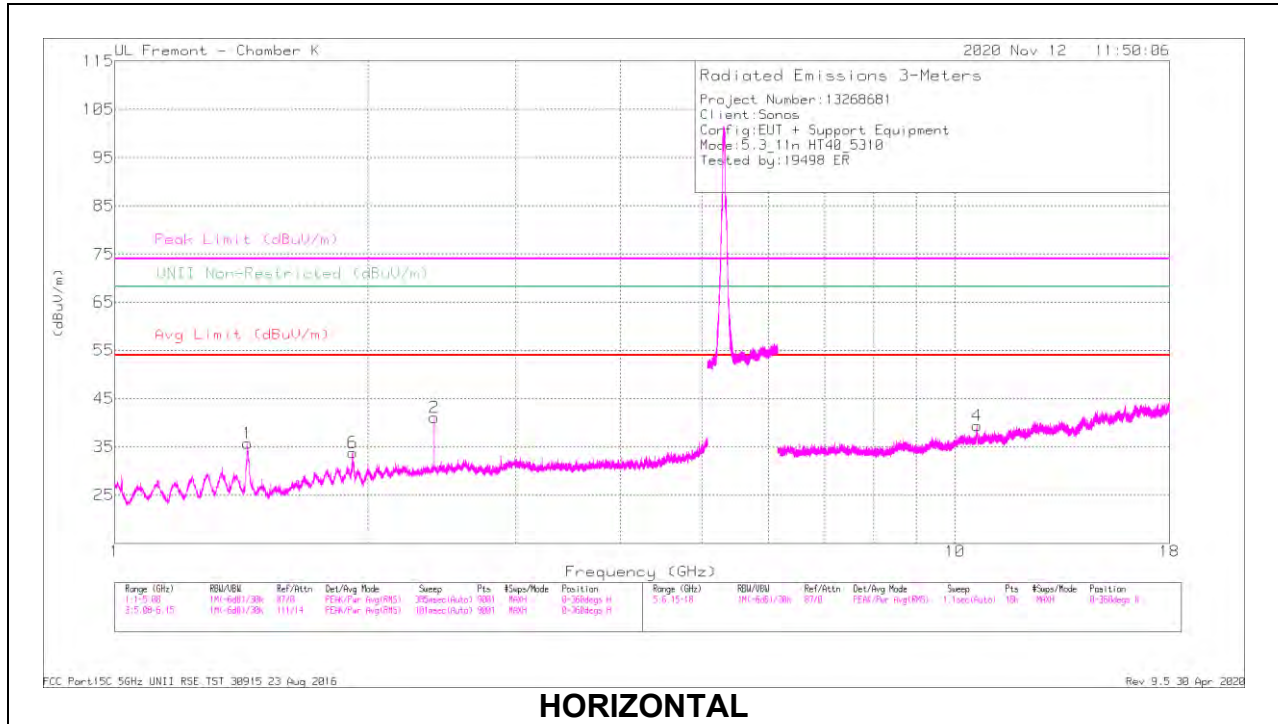
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.44121	69.75	PK-U	28.4	-46.3	0	51.85	-	-	74	-22.15	-	-	26	197	H
	* 1.43972	50.44	ADR	28.4	-46.3	-34	32.88	54	-21.12	-	-	-	-	26	197	H
2	2.4	60.65	PK-U	32.4	-45	0	48.05	-	-	-	-	68.2	-20.15	218	267	H
6	1.91951	65.57	PK-U	30.9	-45.7	0	50.77	-	-	-	-	68.2	-17.43	82	210	H
3	2.40002	57.06	PK-U	32.4	-45	0	44.46	-	-	-	-	68.2	-23.74	189	285	V
4	10.54911	49.12	PK-U	37.9	-37.4	0	49.62	-	-	-	-	68.2	-18.58	243	195	H
5	10.54101	48.49	PK-U	37.8	-37.3	0	48.99	-	-	-	-	68.2	-19.21	221	106	V

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

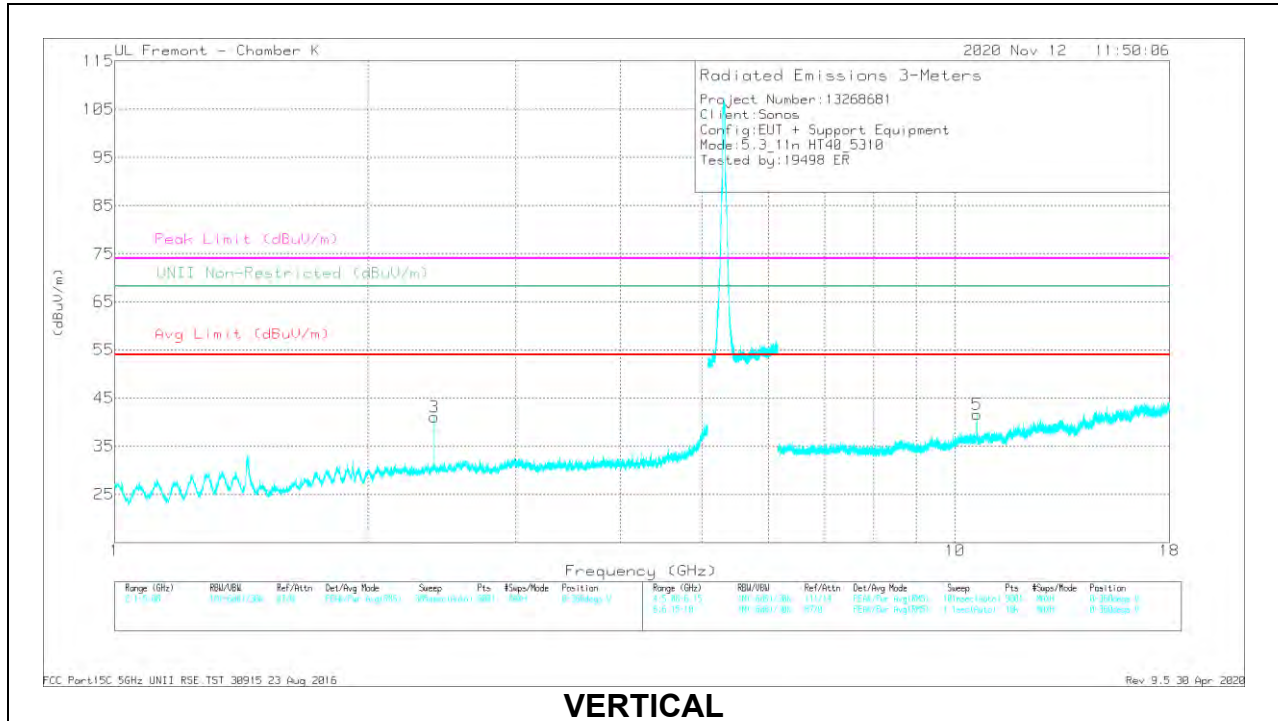
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL