

2TX Antenna 3 + Antenna 2 CDD OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	RA39005 and ZS16080
Test Date:	2023-02-28 to 2023-03-08

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	40.00	37.193	3.16	6.16
Mid	5550	40.24	37.920	3.16	6.16
High	5670	40.16	37.507	3.16	6.16

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	10.84	11.00	10.84
Mid	5550	24.00	24.00	30.00	24.00	10.84	11.00	10.84
High	5670	24.00	24.00	30.00	24.00	10.84	11.00	10.84

Duty Cycle CF (dB)	4.21	Included in Calculations of Corr'd PSD
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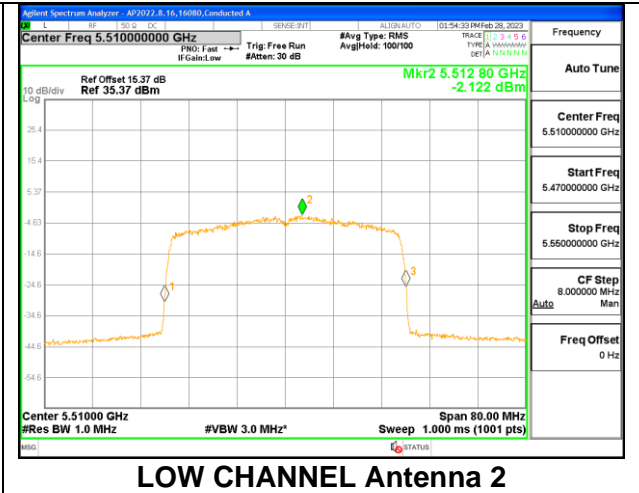
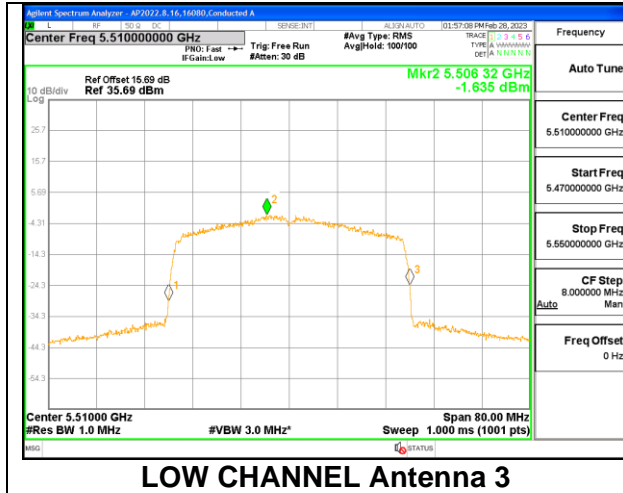
Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Antenna 2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	17.07	17.09	20.09	24.00	-3.91
Mid	5550	19.16	18.80	21.99	24.00	-2.01
High	5670	19.21	19.47	22.35	24.00	-1.65

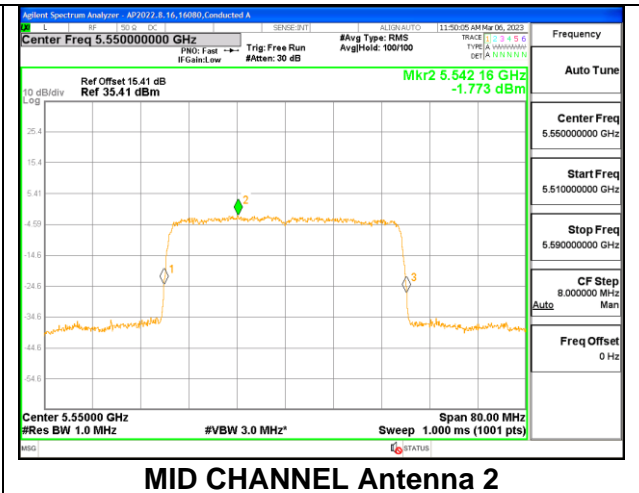
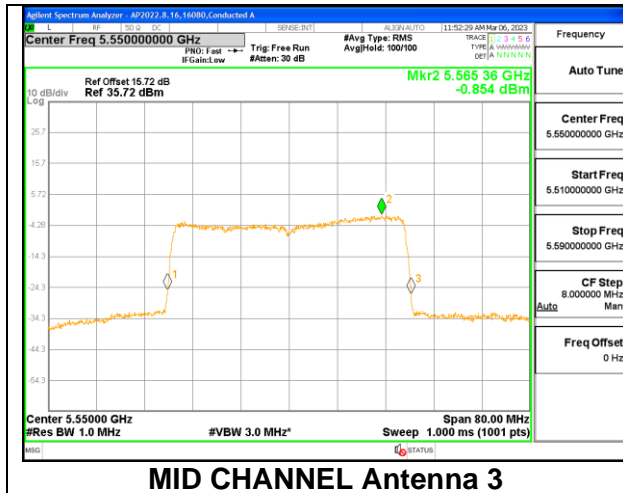
PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/ 1MHz)	Antenna 2 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	-1.635	-2.122	5.35	10.84	-5.49
Mid	5550	-0.854	-1.773	5.93	10.84	-4.91
High	5670	2.861	-1.254	8.49	10.84	-2.35

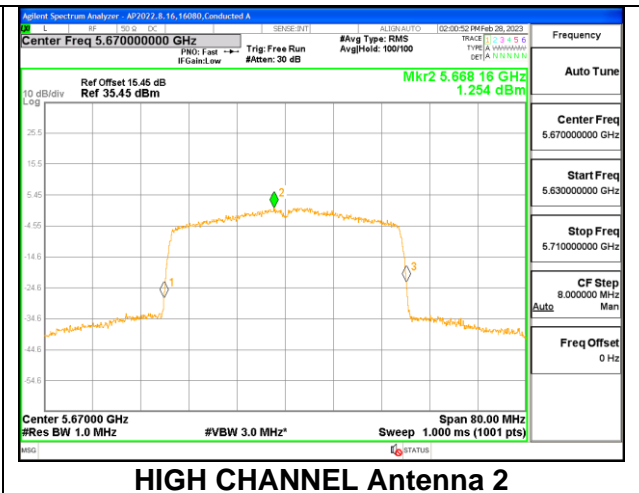
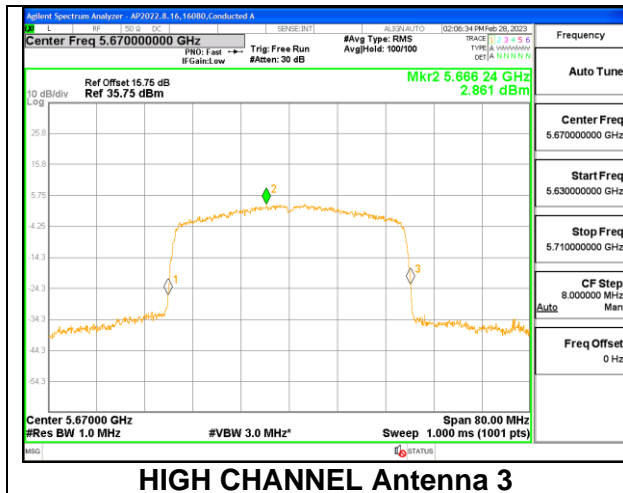
LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



2TX Antenna 3 + Antenna 2 CDD OFDMA MODE: SU, Single User

Test Engineer:	RA39005 and ZS16080
Test Date:	2023-02-28 to 2023-03-08

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	10.84	11.00	10.84
Mid	5550	24.00	24.00	30.00	24.00	10.84	11.00	10.84
High	5670	24.00	24.00	30.00	24.00	10.84	11.00	10.84

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Antenna 2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	16.74	16.85	19.81	24.00	-4.19
Mid	5550	18.95	18.93	21.95	24.00	-2.05
High	5670	19.02	19.56	22.31	24.00	-1.69

9.5.12. 802.11ax HE80 MODE 2TX IN THE 5.6GHz BAND (FCC+IC)

2TX Antenna 3 + Antenna 2 CDD OFDMA MODE: 26-Tones, RU Index 0

Test Engineer:	RA39005 and ZS16080
Test Date:	2023-02-28 to 2023-03-08

	(MHz)	BW (MHz)	BW (MHz)	for Power (dBi)	for PSD (dBi)
Low	5530	19.68	18.087	3.16	6.16

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	23.94	23.57	29.57	23.57	10.84	11.00	10.84

Duty Cycle CF (dB)	3.28	Included in Calculations of Corr'd PSD
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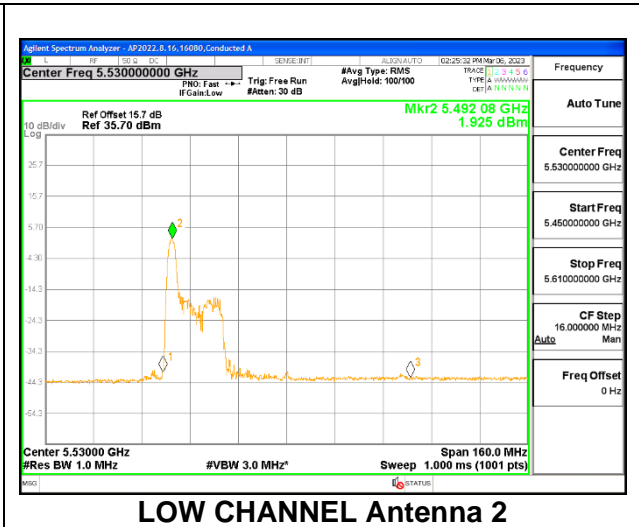
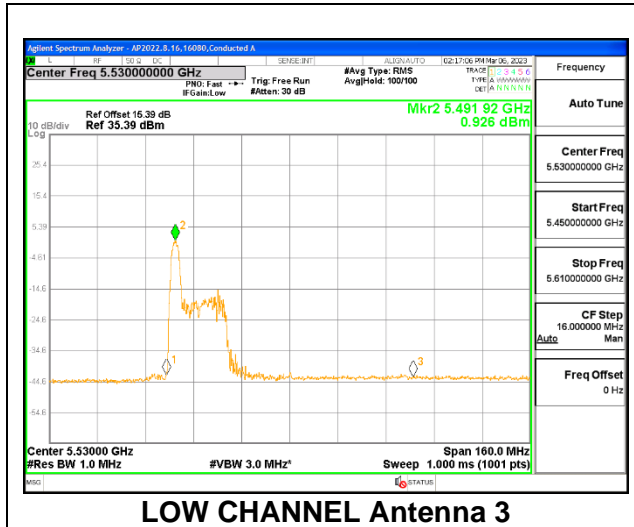
Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Antenna 2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.02	10.10	13.59	23.57	-9.98

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Antenna 2 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	0.926	1.925	7.744	10.84	-3.10

LOW CHANNEL



2TX Antenna 3 + Antenna 2 CDD OFDMA MODE: 26-Tones, RU Index 36

Test Engineer:	RA39005 and ZS16080
Test Date:	2023-02-28 to 2023-03-08

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)
High	5610	19.36	17.963	3.16	6.16

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)
High	5610	23.87	23.54	29.54	23.54	10.84	11.00	10.84

Duty Cycle CF (dB)	3.28	Included in Calculations of Corr'd PSD
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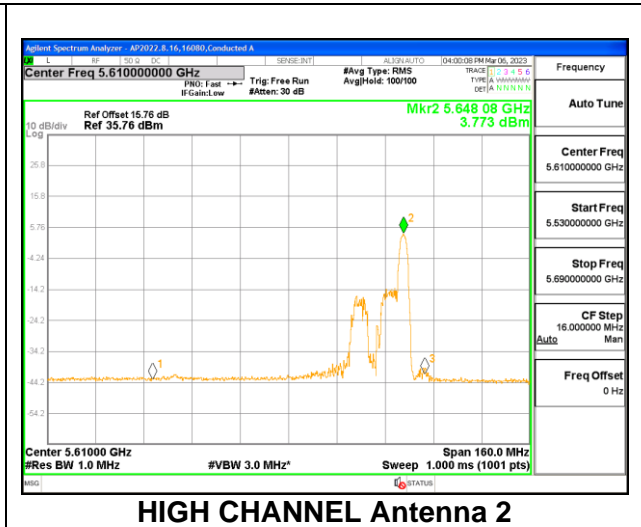
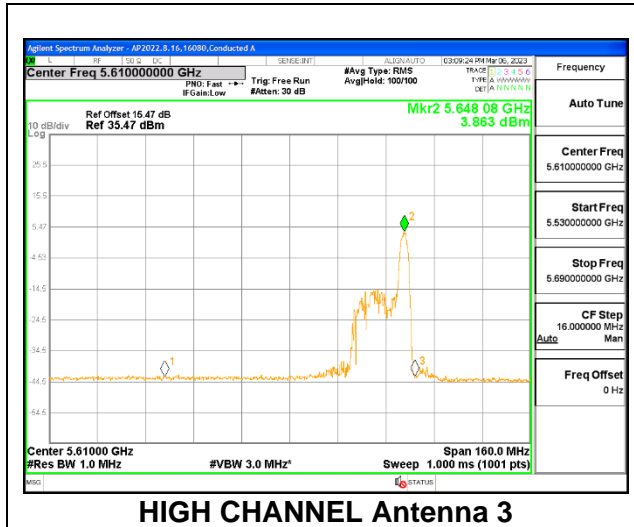
Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Antenna 2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
High	5610	11.01	10.64	13.84	23.54	-9.70

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/ 1MHz)	Antenna 2 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
High	5610	3.863	3.773	10.109	10.84	-0.73

HIGH CHANNEL



2TX Antenna 3 + Antenna 2 CDD OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	RA39005 and ZS16080
Test Date:	2023-02-28 to 2023-03-08

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	82.08	77.421	3.16	6.16
High	5610	82.72	77.543	3.16	6.16

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	10.84	11.00	10.84
High	5610	24.00	24.00	30.00	24.00	10.84	11.00	10.84

Duty Cycle CF (dB)	4.54	Included in Calculations of Corr'd PSD
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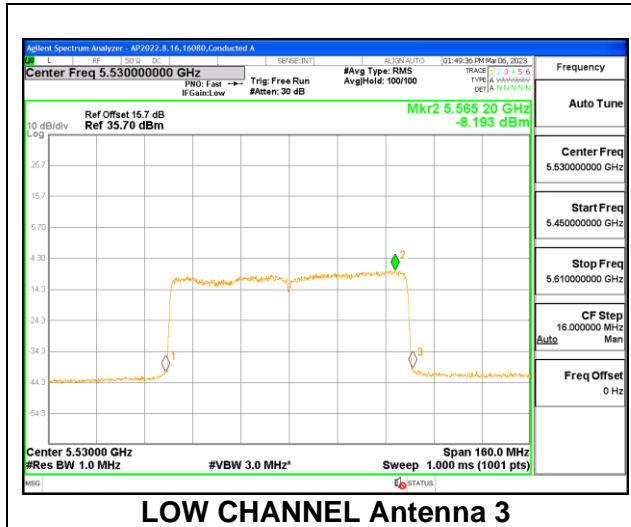
Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Antenna 2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.85	14.91	18.42	24.00	-5.58
High	5610	19.93	20.11	23.03	24.00	-0.97

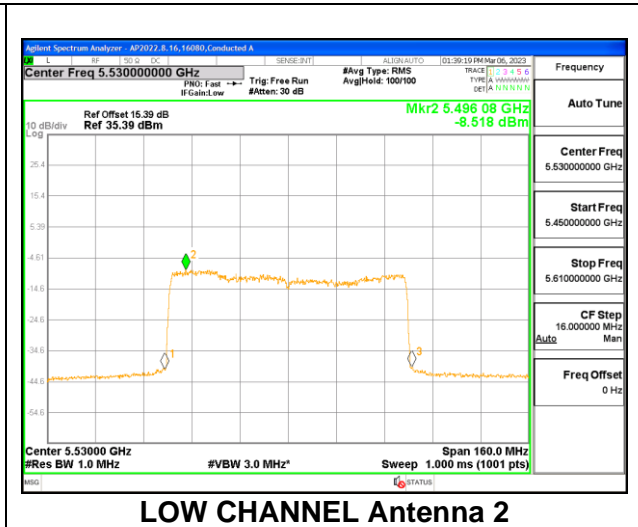
PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/ 1MHz)	Antenna 2 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	-8.193	-8.518	-0.802	10.84	-11.64
High	5610	-2.874	-3.089	4.570	10.84	-6.27

LOW CHANNEL

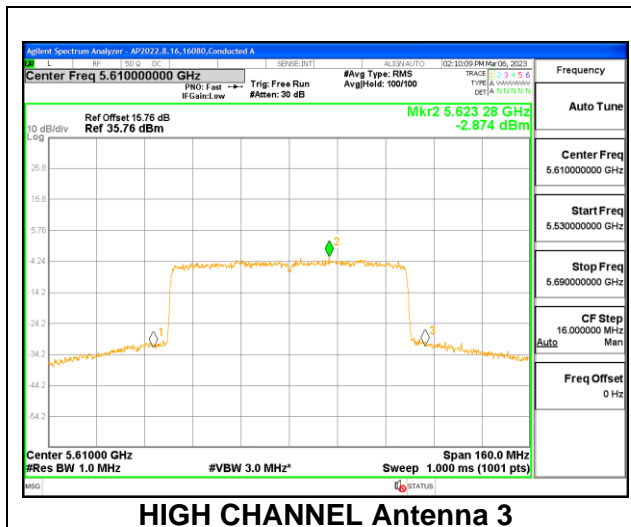


LOW CHANNEL Antenna 3

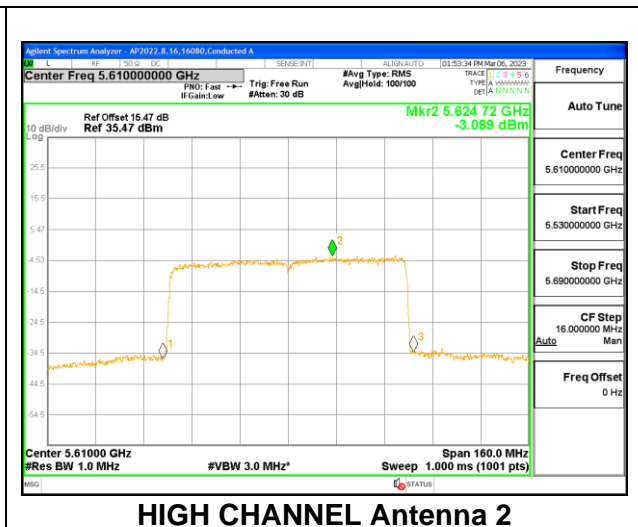


LOW CHANNEL Antenna 2

HIGH CHANNEL



HIGH CHANNEL Antenna 3



HIGH CHANNEL Antenna 2

2TX Antenna 3 + Antenna 2 CDD OFDMA MODE: SU, Single User

Test Engineer:	RA39005 and ZS16080
Test Date:	2023-02-28 to 2023-03-08

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	10.84	11.00	10.84
High	5610	24.00	24.00	30.00	24.00	10.84	11.00	10.84

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Antenna 2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.82	14.89	18.39	24.00	-5.61
High	5610	19.94	19.46	22.72	24.00	-1.28

9.5.13. 802.11ax HE20 MODE 2TX IN THE 5.8GHz BAND (FCC+IC)

2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 0

Test Engineer:	RA39005 and ZS16080
Test Date:	2023-02-28 to 2023-03-08

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	2.62	5.62	30.00	30.00

Duty Cycle CF (dB)	3.05	Included in Calculations of Corr'd PSD
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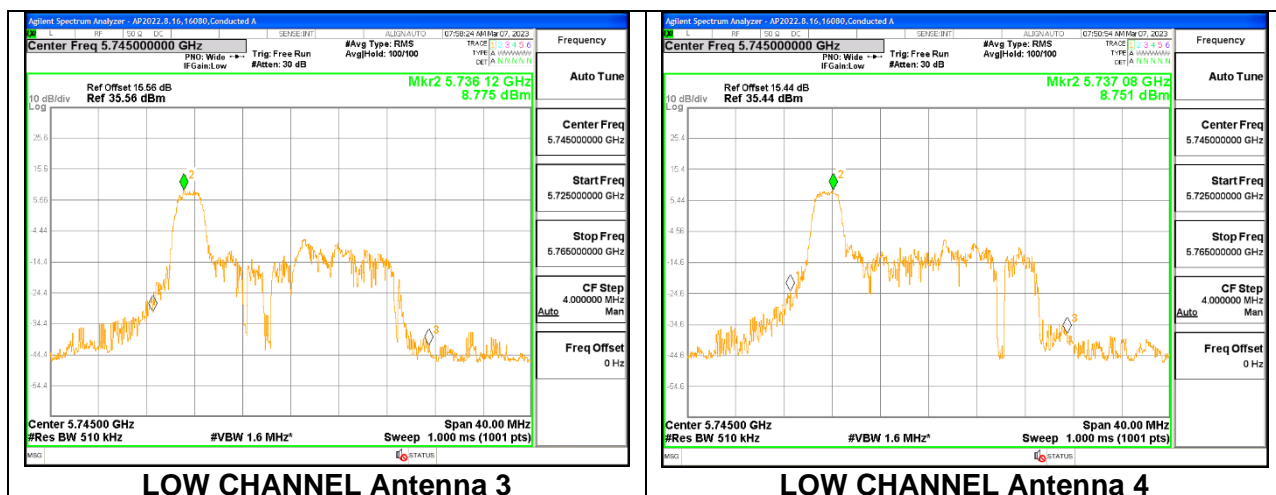
Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	17.60	17.31	20.47	30.00	-9.53

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/500KHz)	Antenna 4 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	8.775	8.751	14.823	30.00	-15.18

LOW CHANNEL



2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 4

Test Engineer:	RA39005 and ZS16080
Test Date:	2023-02-28 to 2023-03-08

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	5785	2.62	5.62	30.00	30.00

Duty Cycle CF (dB)	3.05	Included in Calculations of Corr'd PSD
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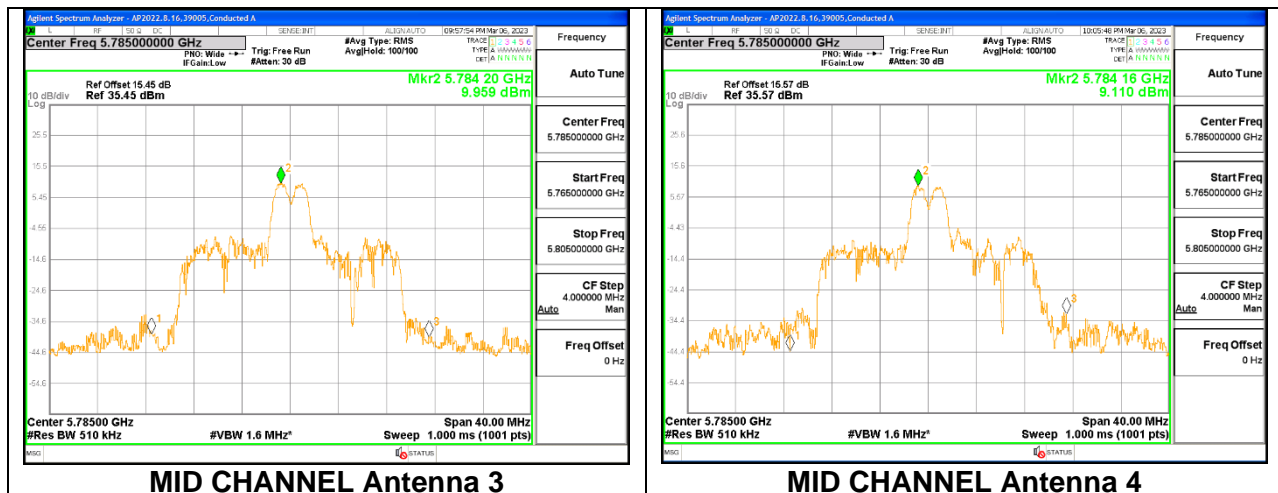
Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5785	19.96	19.14	22.58	30.00	-7.42

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/ 500KHz)	Antenna 4 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
High	5785	9.959	9.110	15.616	27.73	-12.11

MID CHANNEL



2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 8

Test Engineer:	RA39005 and ZS16080
Test Date:	2023-02-28 to 2023-03-08

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)
High	5825	2.62	5.62	30.00	30.00

Duty Cycle CF (dB)	3.05	Included in Calculations of Corr'd PSD
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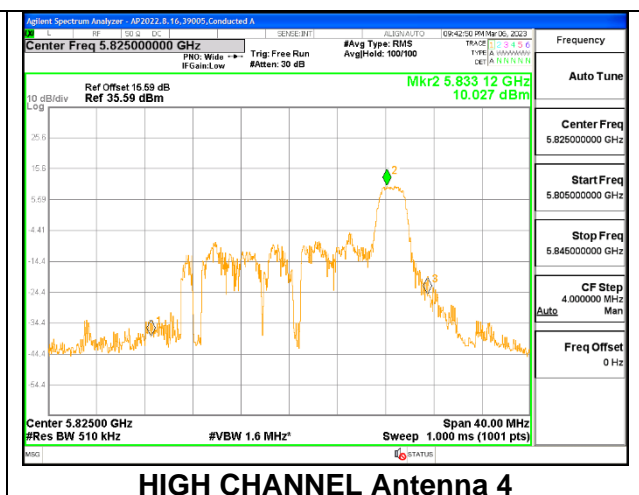
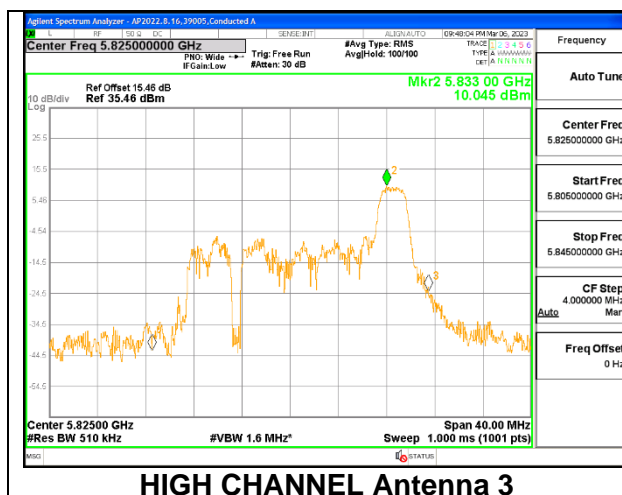
Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
High	5825	19.91	19.70	22.82	30.00	-7.18

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/ 500KHz)	Antenna 4 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
High	5825	10.045	10.027	16.096	30.00	-13.90

HIGH CHANNEL



2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	RA39005 and ZS16080
Test Date:	2023-02-28 to 2023-03-08

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	2.62	5.62	30.00	30.00
Mid	5785	2.62	5.62	30.00	30.00
High	5825	2.62	5.62	30.00	30.00

Duty Cycle CF (dB)	4.15	Included in Calculations of Corr'd PSD
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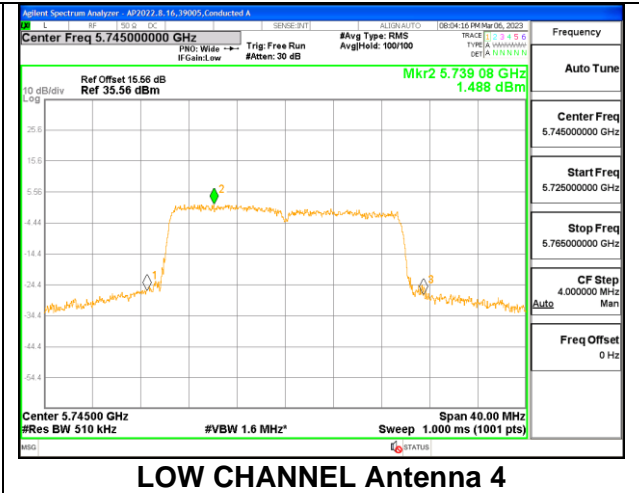
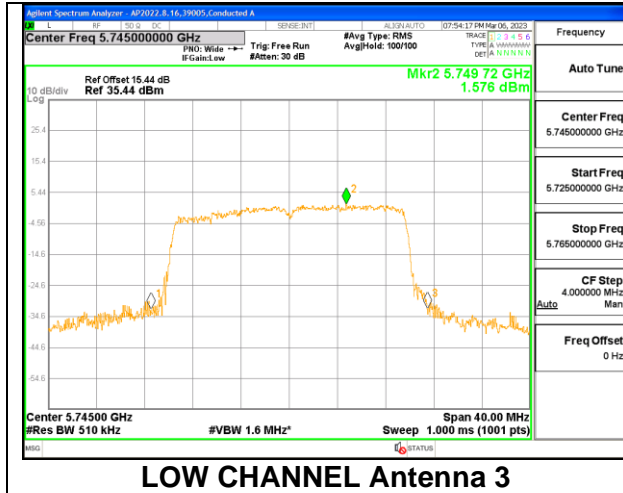
Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	19.57	19.30	22.45	30.00	-7.55
Mid	5785	20.11	19.57	22.86	30.00	-7.14
High	5825	19.64	19.88	22.77	30.00	-7.23

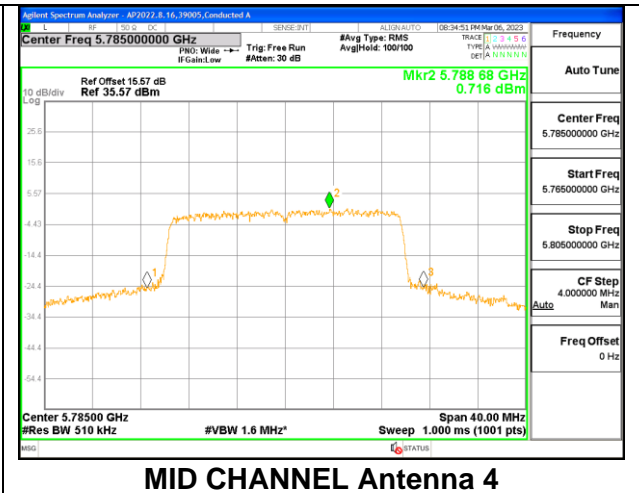
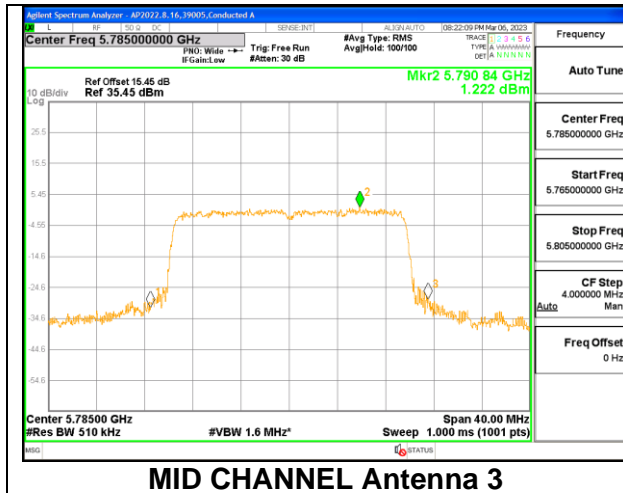
PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/ 500KHz)	Antenna 4 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5745	1.576	1.488	8.693	30.00	-21.31
Mid	5785	1.222	0.716	8.137	30.00	-21.86
High	5825	1.058	1.222	8.301	30.00	-21.70

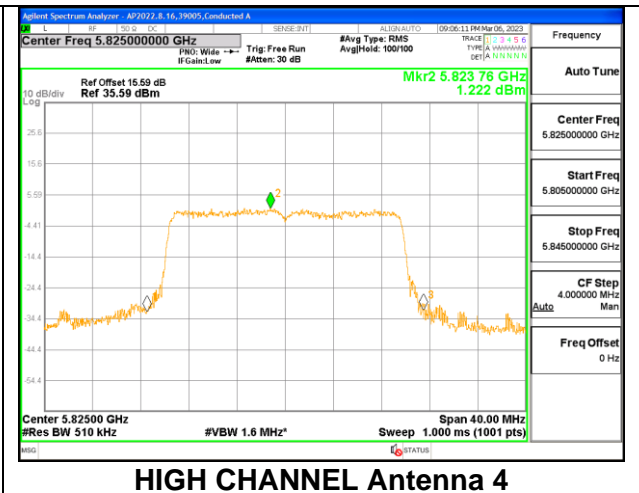
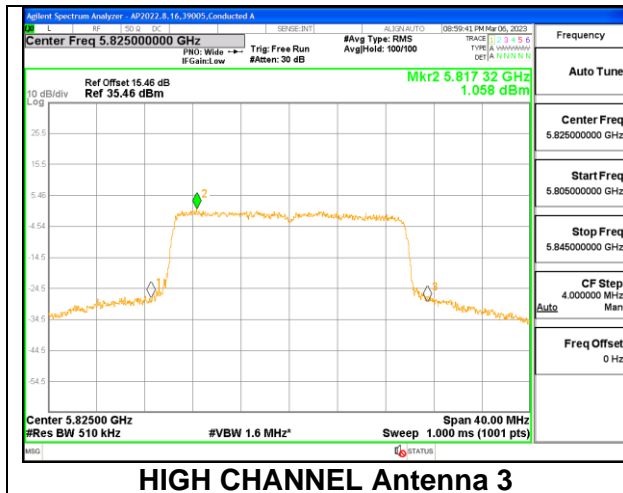
LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: SU, Single User

Test Engineer:	RA39005 and ZS16080
Test Date:	2023-02-28 to 2023-03-08

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	2.62	5.62	30.00	30.00
Mid	5785	2.62	5.62	30.00	30.00
High	5825	2.62	5.62	30.00	30.00

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	19.45	19.21	22.34	30.00	-7.66
Mid	5785	19.78	19.33	22.57	30.00	-7.43
High	5825	19.57	19.71	22.65	30.00	-7.35

9.5.14. 802.11ax HE40 MODE 2TX IN THE 5.8GHz BAND (FCC+IC)

2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 0

Test Engineer:	RA39005 and ZS16080
Test Date:	2023-02-28 to 2023-03-08

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	2.62	5.62	30.00	30.00

Duty Cycle CF (dB)	3.03	Included in Calculations of Corr'd PSD
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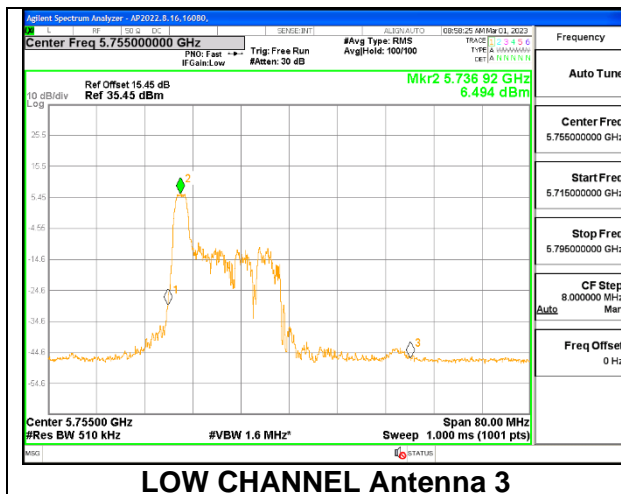
Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	16.91	17.81	20.39	30.00	-9.61

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/500KHz)	Antenna 4 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	6.494	7.407	13.015	30.00	-16.99

LOW CHANNEL



2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 17

Test Engineer:	RA39005 and ZS16080
Test Date:	2023-02-28 to 2023-03-08

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)
High	5795	2.62	5.62	30.00	30.00

Duty Cycle CF (dB)	3.03	Included in Calculations of Corr'd PSD
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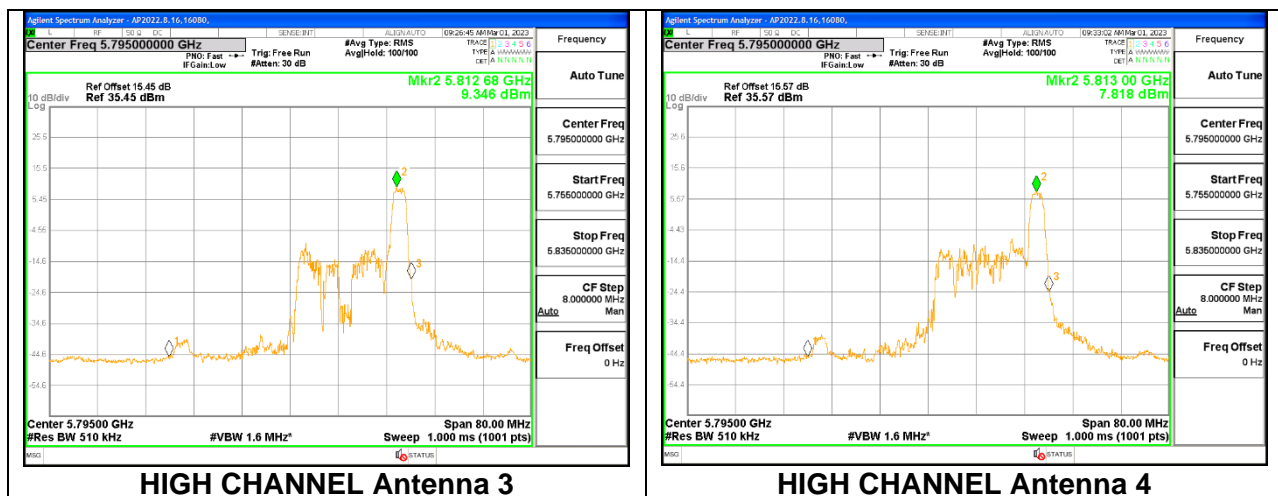
Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
High	5795	19.85	19.15	22.52	30.00	-7.48

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/500KHz)	Antenna 4 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
High	5795	9.346	7.818	14.689	30.00	-15.31

HIGH CHANNEL



2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	RA39005 and ZS16080
Test Date:	2023-02-28 to 2023-03-08

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	2.62	5.62	30.00	30.00
High	5795	2.62	5.62	30.00	30.00

Duty Cycle CF (dB)	4.21	Included in Calculations of Corr'd PSD
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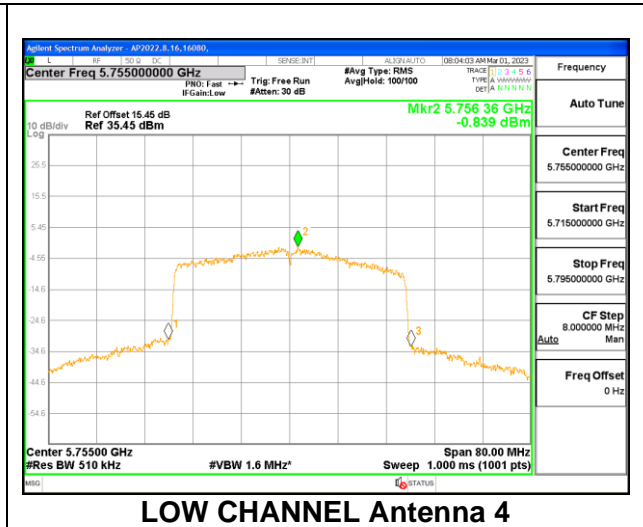
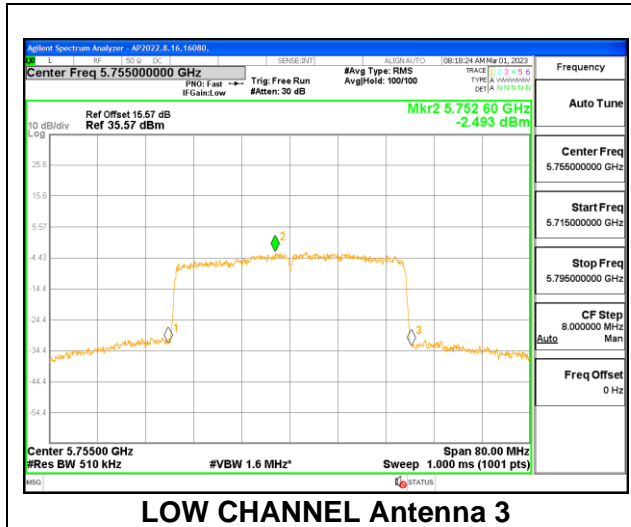
Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	19.14	19.58	22.38	30.00	-7.62
High	5795	19.30	19.76	22.55	30.00	-7.45

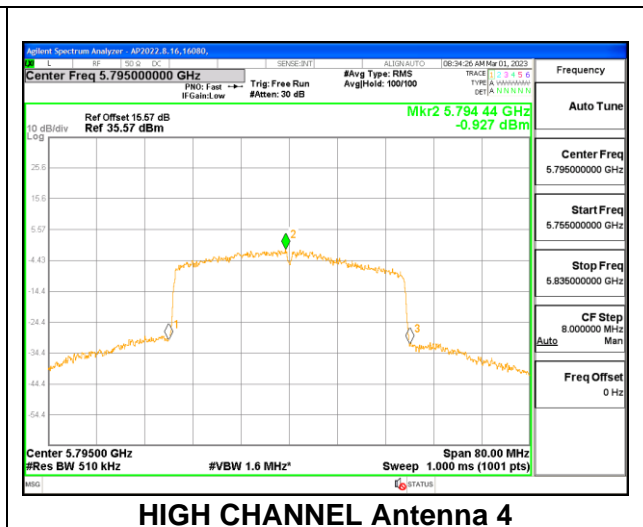
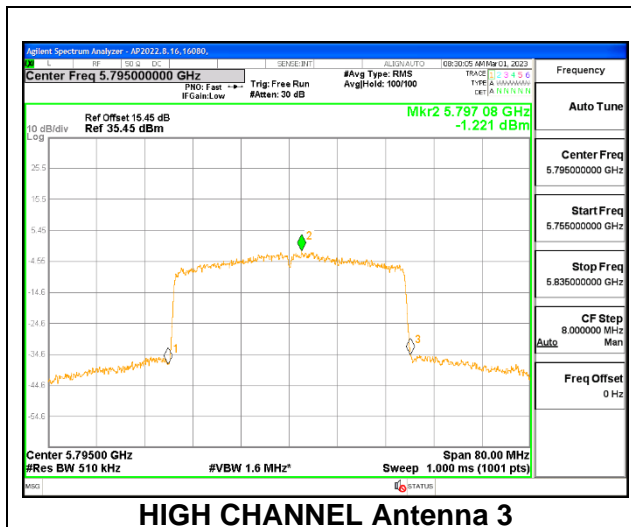
PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/ 500KHz)	Antenna 4 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5755	-2.493	-0.839	5.633	30.00	-24.37
High	5795	-1.221	-0.927	6.149	30.00	-23.85

LOW CHANNEL



HIGH CHANNEL



2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: SU, Single User

Test Engineer:	RA39005 and ZS16080
Test Date:	2023-02-28 to 2023-03-08

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	2.62	5.62	30.00	30.00
High	5795	2.62	5.62	30.00	30.00

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	19.15	19.35	22.26	30.00	-7.74
High	5795	19.28	19.62	22.46	30.00	-7.54

9.5.15. 802.11ax HE80 MODE 2TX IN THE 5.8GHz BAND (FCC+IC)

2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 0

Test Engineer:	RA39005 and ZS16080
Test Date:	2023-02-28 to 2023-03-08

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	5775	2.62	5.62	30.00	30.00

Duty Cycle CF (dB)	3.28	Included in Calculations of Corr'd PSD
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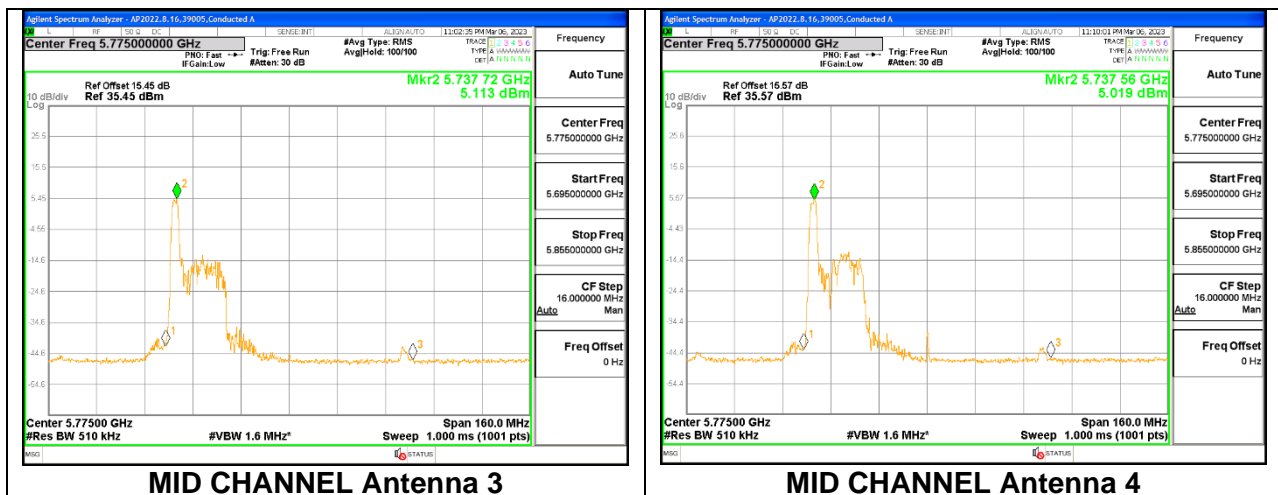
Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	14.92	15.06	18.00	30.00	-12.00

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/500KHz)	Antenna 4 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	5.113	5.019	11.357	30.00	-18.64

MID CHANNEL



2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 18

Test Engineer:	RA39005 and ZS16080
Test Date:	2023-02-28 to 2023-03-08

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	2.62	5.62	30.00	30.00

Duty Cycle CF (dB)	3.28	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	15.62	15.98	18.81	30.00	-11.19

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/500KHz)	Antenna 4 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5755	4.905	5.018	11.252	30.00	-18.75

MID CHANNEL



2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 36

Test Engineer:	RA39005 and ZS16080
Test Date:	2023-02-28 to 2023-03-08

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	2.62	5.62	30.00	30.00

Duty Cycle CF (dB)	3.28	Included in Calculations of Corr'd PSD
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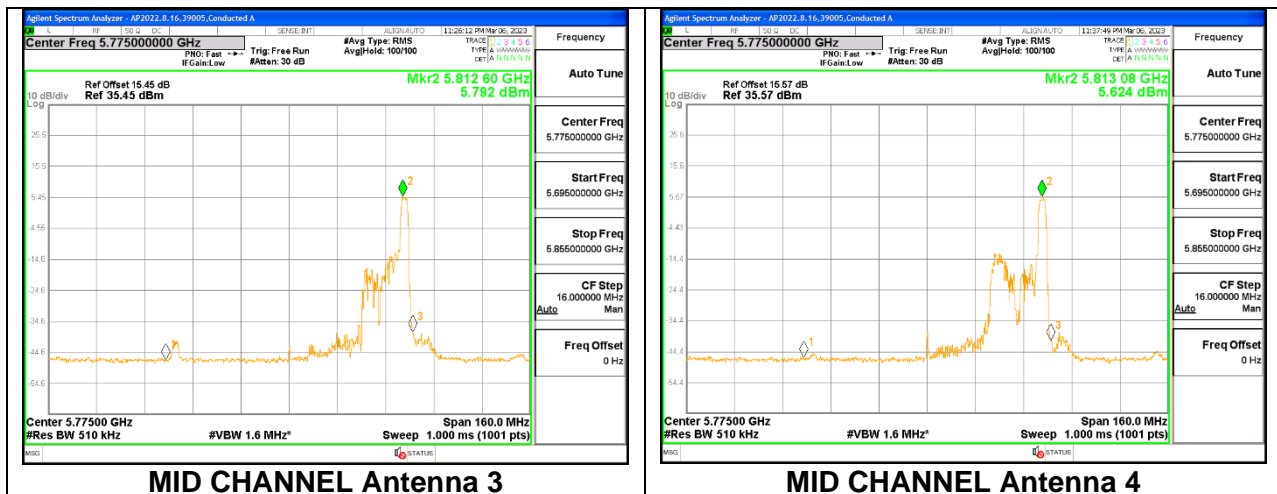
Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	15.62	15.02	18.34	30.00	-11.66

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/500KHz)	Antenna 4 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5755	5.792	5.624	11.999	30.00	-18.00

MID CHANNEL



2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	RA39005 and ZS16080
Test Date:	2023-02-28 to 2023-03-10

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	2.62	5.62	30.00	30.00

Duty Cycle CF (dB)	4.54	Included in Calculations of Corr'd PSD
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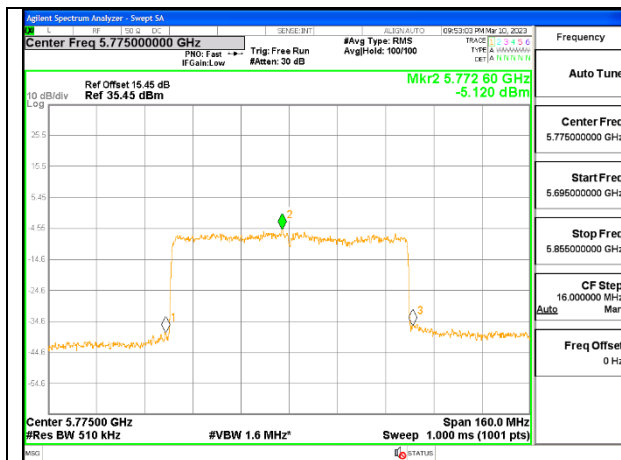
Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	19.58	19.47	22.54	30.00	-7.46

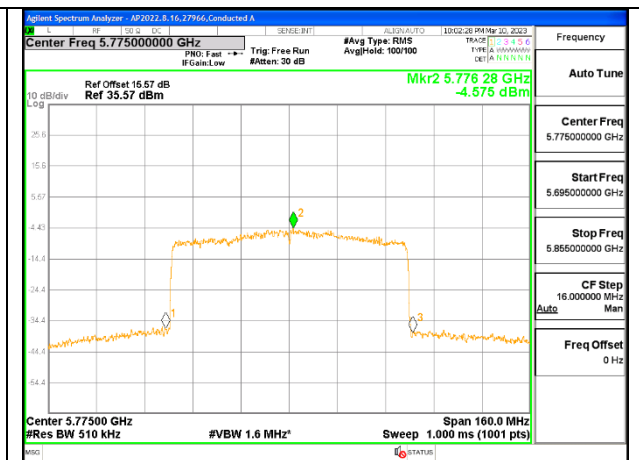
PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/500KHz)	Antenna 4 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5755	-5.113	-4.575	2.715	30.00	-27.29

MID CHANNEL



MID CHANNEL Antenna 3



MID CHANNEL Antenna 4

2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: SU, Single User

Test Engineer:	RA39005 and ZS16080
Test Date:	2023-02-28 to 2023-03-10

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	2.62	5.62	30.00	30.00

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	19.02	19.47	22.26	30.00	-7.74

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 in the 30-1000MHz range, 9kHz for peak and/or quasi-peak detection measurements in the 0.15-30MHz range and 200Hz for peak and/or quasi-peak detection measurements in the 9 to 150kHz range. Peak detection is used unless otherwise noted as quasi-peak or average (9-90kHz and 110-490kHz).

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.

NOTE: The limits in FCC 47 CFR, 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.

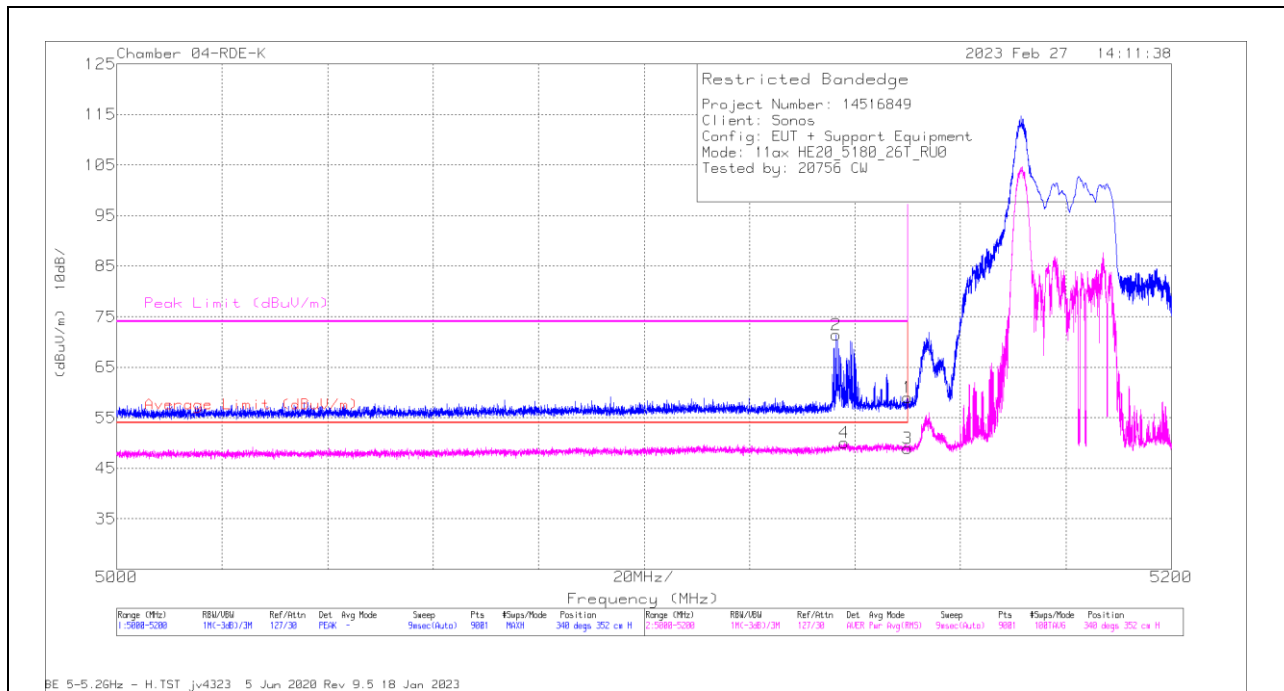
10.1. TRANSMITTER ABOVE 1 GHz

10.1.1. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.2GHz BAND

2TX Antenna 3 + Antenna 2 OFDMA MODE: 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

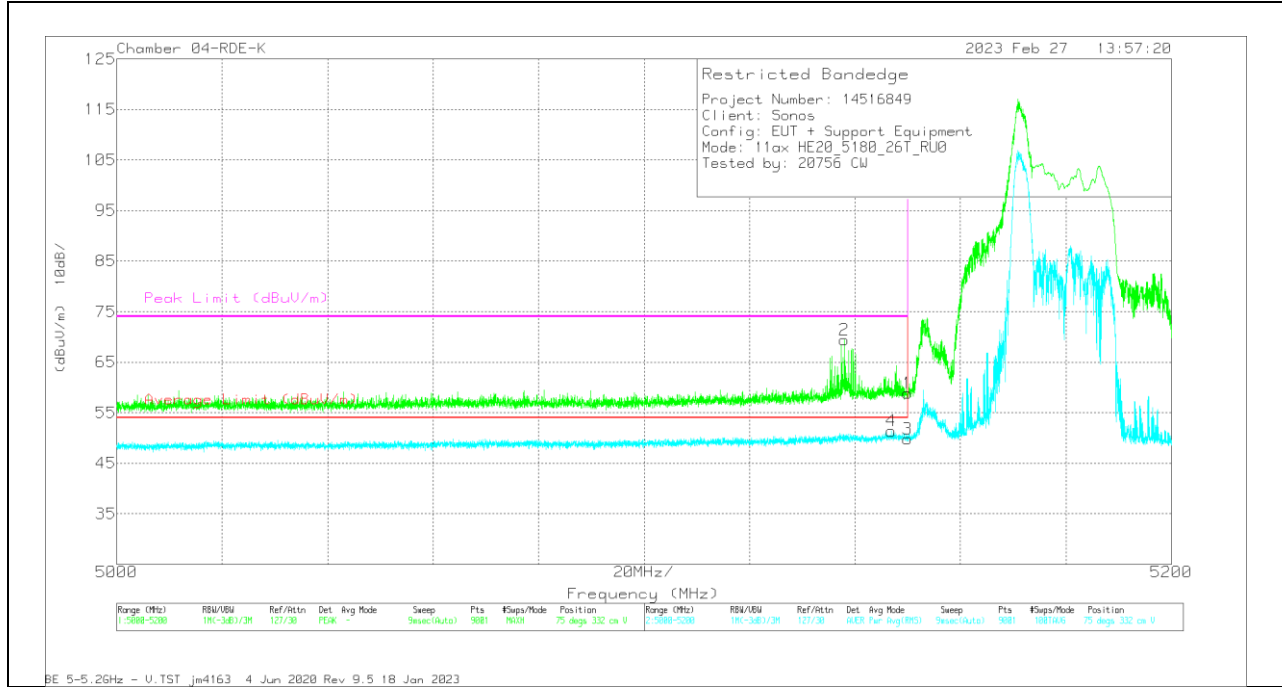
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5150	55.77	Pk	34.1	-30.9	0	58.97	-	-	74	-15.03	340	352	H
2	* 5136.399	68.22	Pk	34	-30.8	0	71.42	-	-	74	-2.58	340	352	H
3	* 5150	42.73	RMS	34.1	-30.9	3.05	48.98	54	-5.02	-	-	340	352	H
4	* 5137.91	43.79	RMS	34	-30.8	3.05	50.04	54	-3.96	-	-	340	352	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5150	55.68	Pk	34.1	-30.9	0	58.88	-	-	74	-15.12	75	332	V
2	* 5137.976	66.17	Pk	34	-30.8	0	69.37	-	-	74	-4.63	75	332	V
3	* 5150	43.55	RMS	34.1	-30.9	3.05	49.8	54	-4.2	-	-	75	332	V
4	* 5146.887	45.1	RMS	34	-30.8	3.05	51.35	54	-2.65	-	-	75	332	V

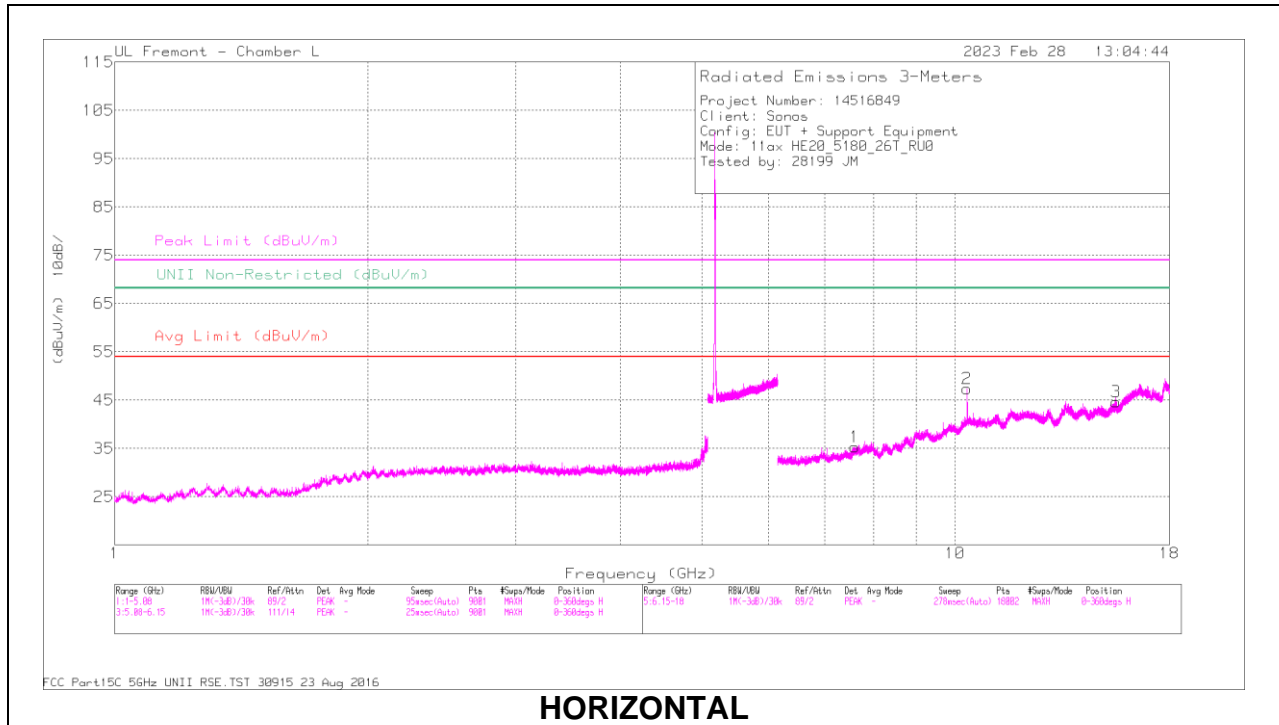
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

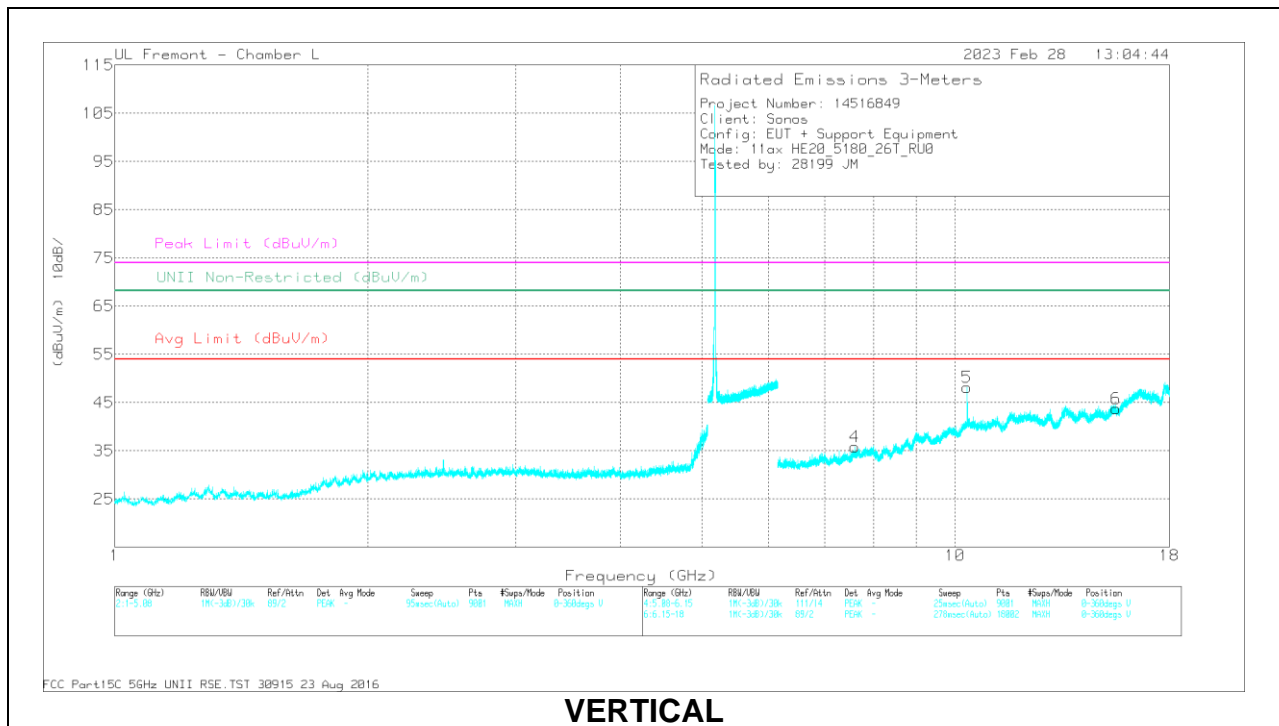
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206806 ACF (dB) 3mH	Amp/Cb/Fitr/Pad (dB)	DCCF (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	* 7.604421	28.87	PK-U	36	-22.4	0	42.47	-	-	74	-31.53	-	-	205	337	H
	* 7.602454	17.24	ADR	36	-22.4	3.05	33.89	54	-20.11	-	-	-	-	205	337	H
2	10.343687	35.36	PK-U	38.3	-18.9	0	54.76	-	-	-	-	68.2	-13.44	300	120	H
	* 15.558849	30.62	PK-U	39.8	-17.2	0	53.22	-	-	74	-20.78	-	-	218	247	H
3	* 15.560322	18.57	ADR	39.8	-17.2	3.05	44.22	54	-9.78	-	-	-	-	218	247	H
	* 7.596262	29.34	PK-U	36	-22.4	0	42.94	-	-	74	-31.06	-	-	196	204	V
4	* 7.5965	17.56	ADR	36	-22.4	3.05	34.21	54	-19.79	-	-	-	-	196	204	V
	10.343866	37.32	PK-U	38.3	-18.9	0	56.72	-	-	-	-	68.2	-11.48	281	189	V
6	* 15.552925	30.62	PK-U	39.8	-17.1	0	53.32	-	-	74	-20.68	-	-	245	370	V
	* 15.552779	18.41	ADR	39.8	-17.1	3.05	44.16	54	-9.84	-	-	-	-	245	370	V

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

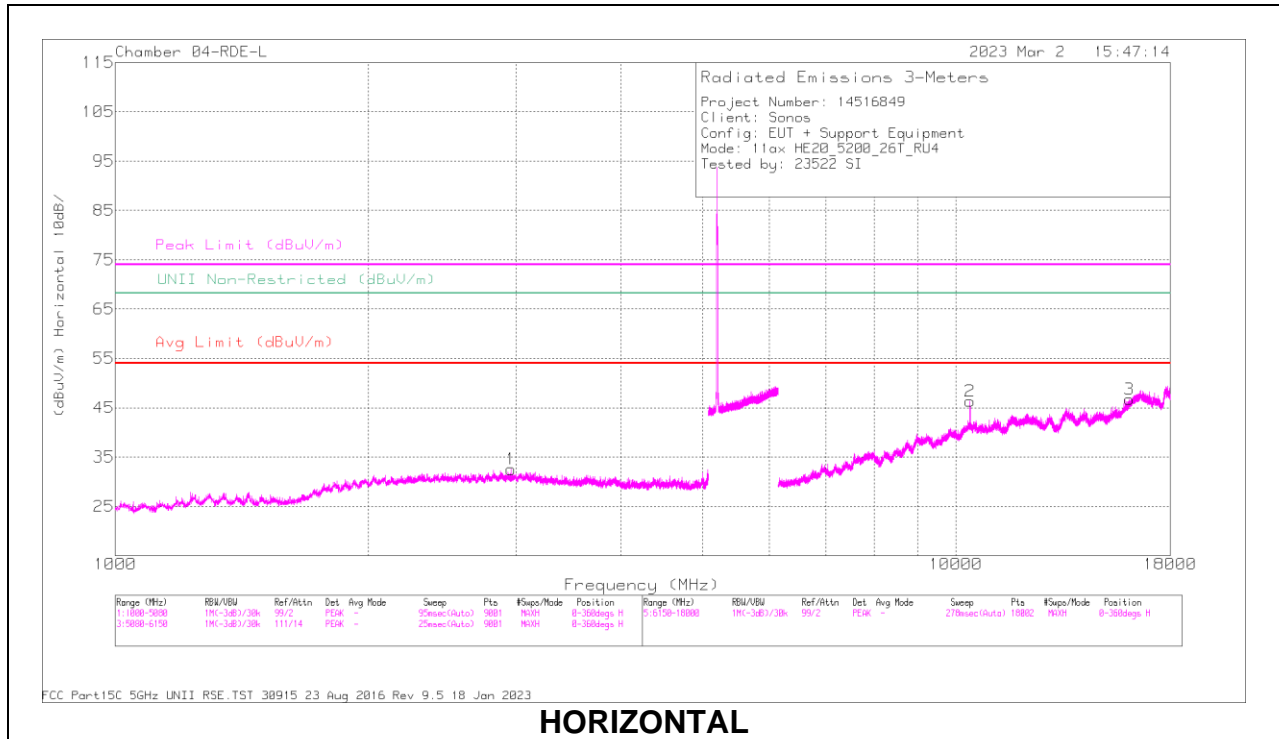
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

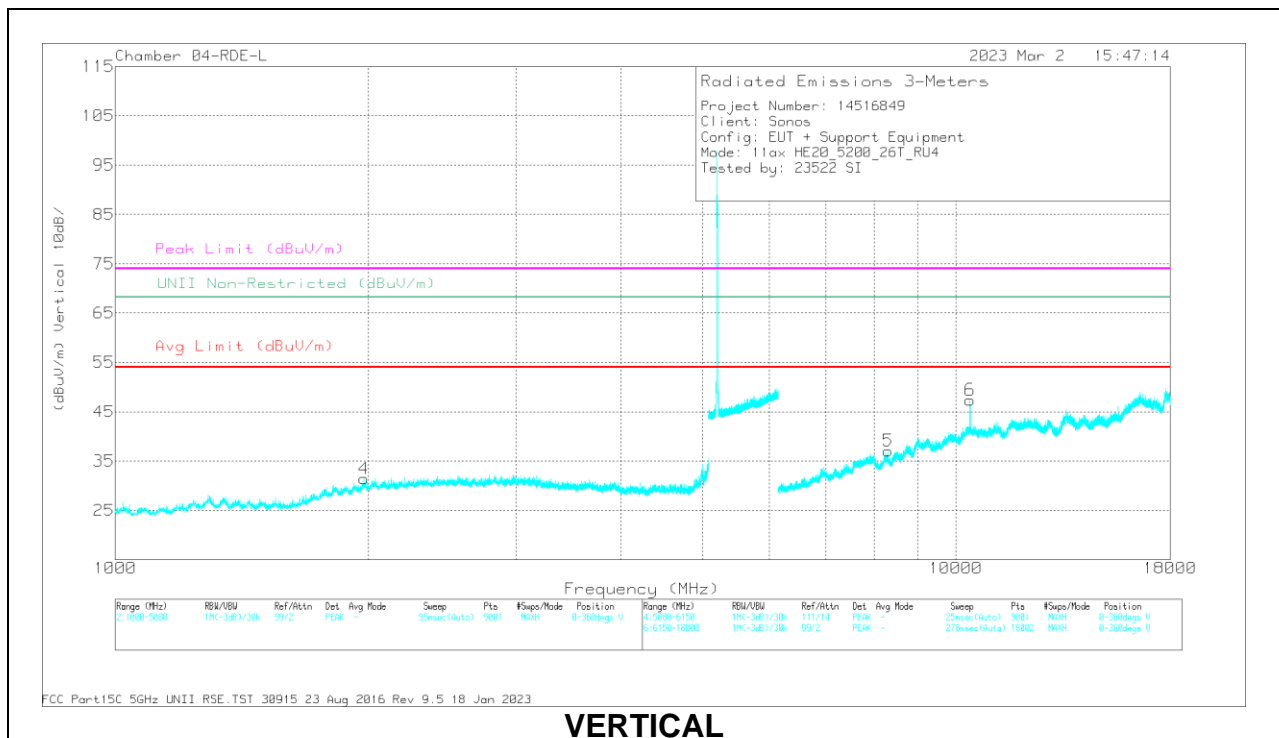
2TX Antenna 3 + Antenna 2 OFDMA MODE: 26-Tones, RU Index 4

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206806 ACF (dB) 3mH	Amp/Cb/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	2954.879	37.06	PK-U	33.3	-29.3	0	41.06	-	-	-	-	68.2	-27.14	72	272	H
4	1977.427	39.04	PK-U	31.7	-30.5	0	40.24	-	-	-	-	68.2	-27.96	0	171	V
2	10398.431	37.54	PK-U	38.3	-18.7	0	57.14	-	-	-	-	68.2	-11.06	231	216	H
3	* 16086.141	31.3	PK-U	41.4	-16.9	0	55.8	-	-	74	-18.2	-	-	230	176	H
	* 16085.792	19.38	ADR	41.4	-16.9	3.05	46.93	54	-7.07	-	-	-	-	230	176	H
5	* 8304.656	30.34	PK-U	36.1	-20.7	0	45.74	-	-	74	-28.26	-	-	348	163	V
	* 8305.867	18.33	ADR	36.1	-20.7	3.05	36.78	54	-17.22	-	-	-	-	348	163	V
6	10401.747	37.37	PK-U	38.3	-18.7	0	56.97	-	-	-	-	68.2	-11.23	46	129	V

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

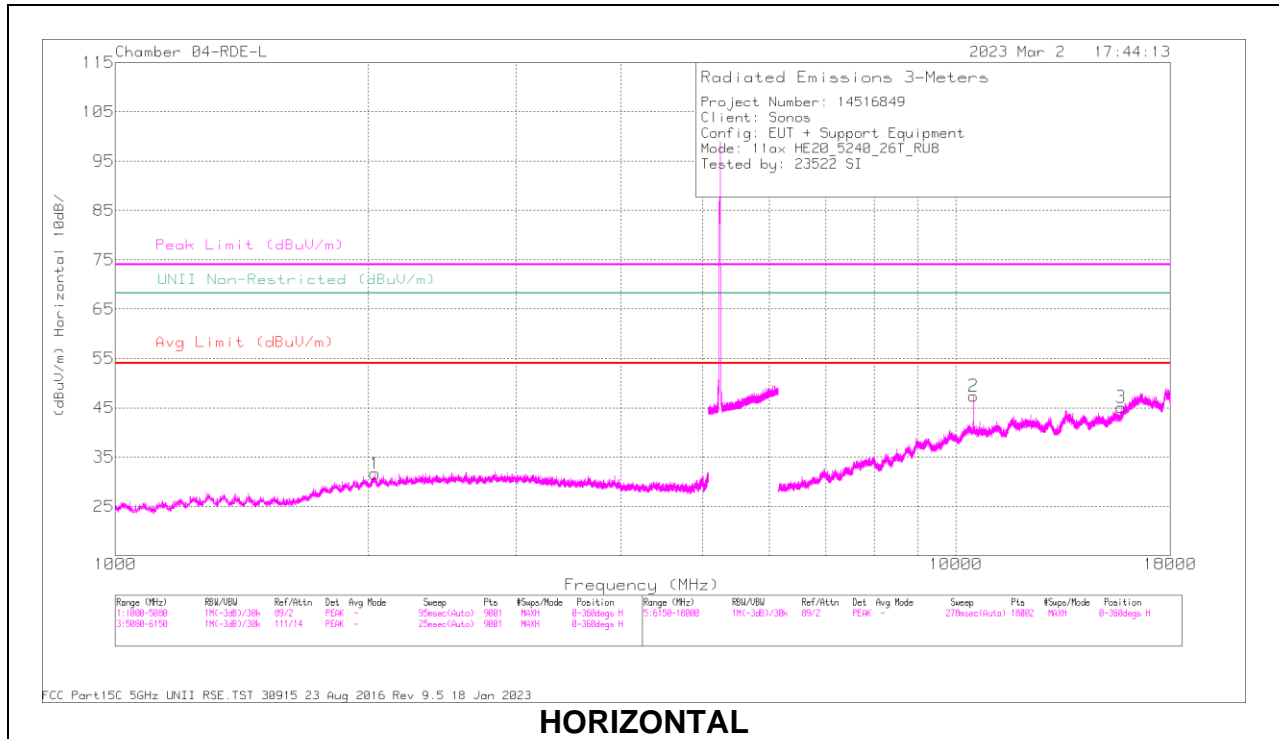
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

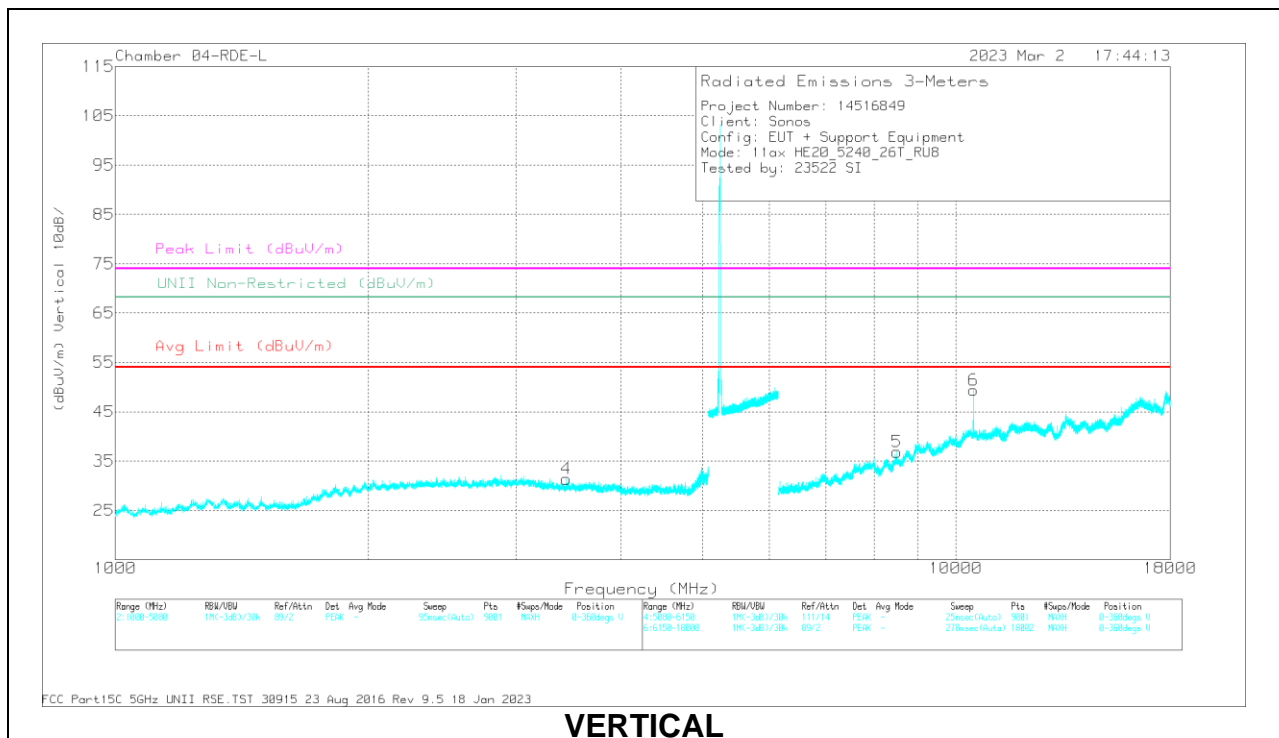
2TX Antenna 3 + Antenna 2 OFDMA MODE: 26-Tones, RU Index 8

HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206806 ACF (dB) 3mH	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	2035.593	39.45	PK-U	32	-30.3	0	41.15	-	-	-	-	68.2	-27.05	26	216	H
4	3441.255	35.56	PK-U	33.2	-28.2	0	40.56	-	-	-	-	68.2	-27.64	253	102	V
2	10497.331	37.55	PK-U	38.3	-18.4	0	57.45	-	-	-	-	68.2	-10.75	200	106	H
3	* 15746.061	42.12	PK-U	40.4	-18	0	64.52	-	-	74	-9.48	-	-	224	200	H
	* 15745.832	21.87	ADR	40.4	-18	3.05	47.32	54	-6.68	-	-	-	-	224	200	H
5	8506.333	29.94	PK-U	36.2	-20	0	46.14	-	-	-	-	68.2	-22.06	31	142	V
6	10497.644	38.36	PK-U	38.3	-18.4	0	58.26	-	-	-	-	68.2	-9.94	24	101	V

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

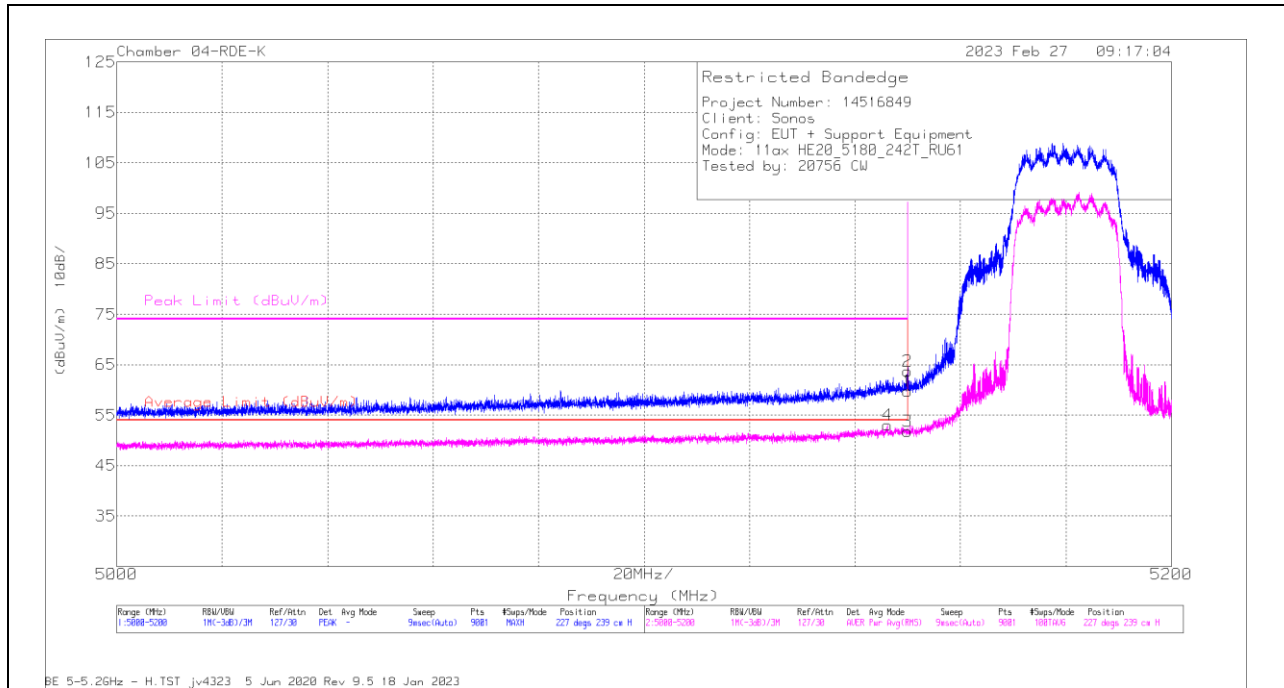
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX Antenna 3 + Antenna 2 OFDMA MODE: 242-Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

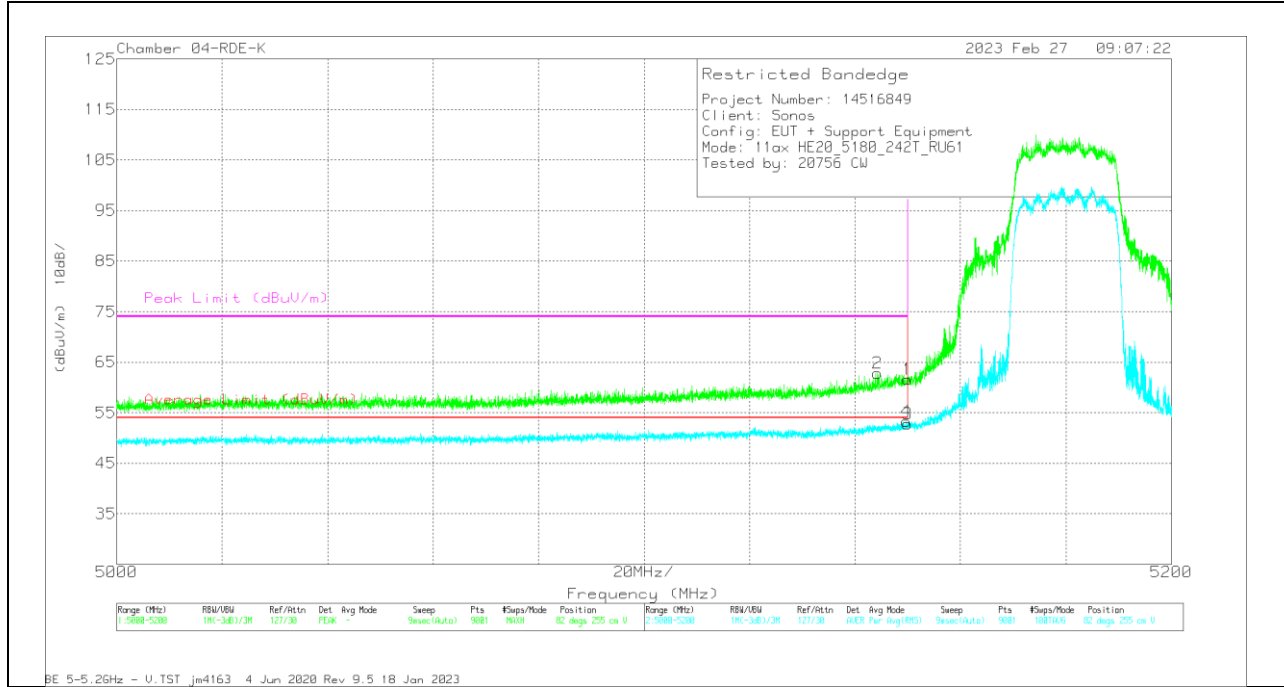
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5150	56.54	Pk	34.1	-30.9	0	59.74	-	-	74	-14.26	227	239	H
2	* 5149.976	60.52	Pk	34.1	-30.9	0	63.72	-	-	74	-10.28	227	239	H
3	* 5150	44.43	RMS	34.1	-30.9	4.15	51.78	54	-2.22	-	-	227	239	H
4	* 5146.199	45.65	RMS	34	-30.8	4.15	53	54	-1	-	-	227	239	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5150	58.38	Pk	34.1	-30.9	0	61.58	-	-	74	-12.42	82	255	V
2	* 5144.221	59.63	Pk	34	-30.8	0	62.83	-	-	74	-11.17	82	255	V
3	* 5150	45.47	RMS	34.1	-30.9	4.15	52.82	54	-1.18	-	-	82	255	V
4	* 5149.754	45.87	RMS	34.1	-30.9	4.15	53.22	54	-0.78	-	-	82	255	V

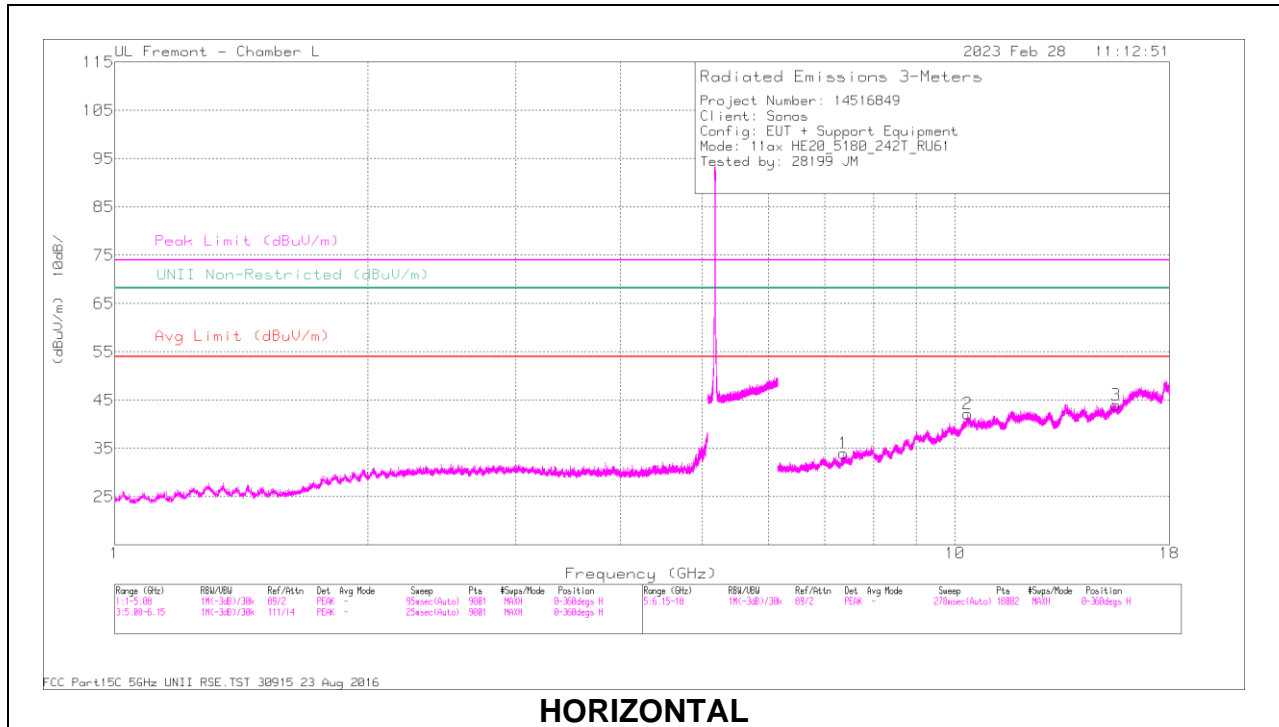
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

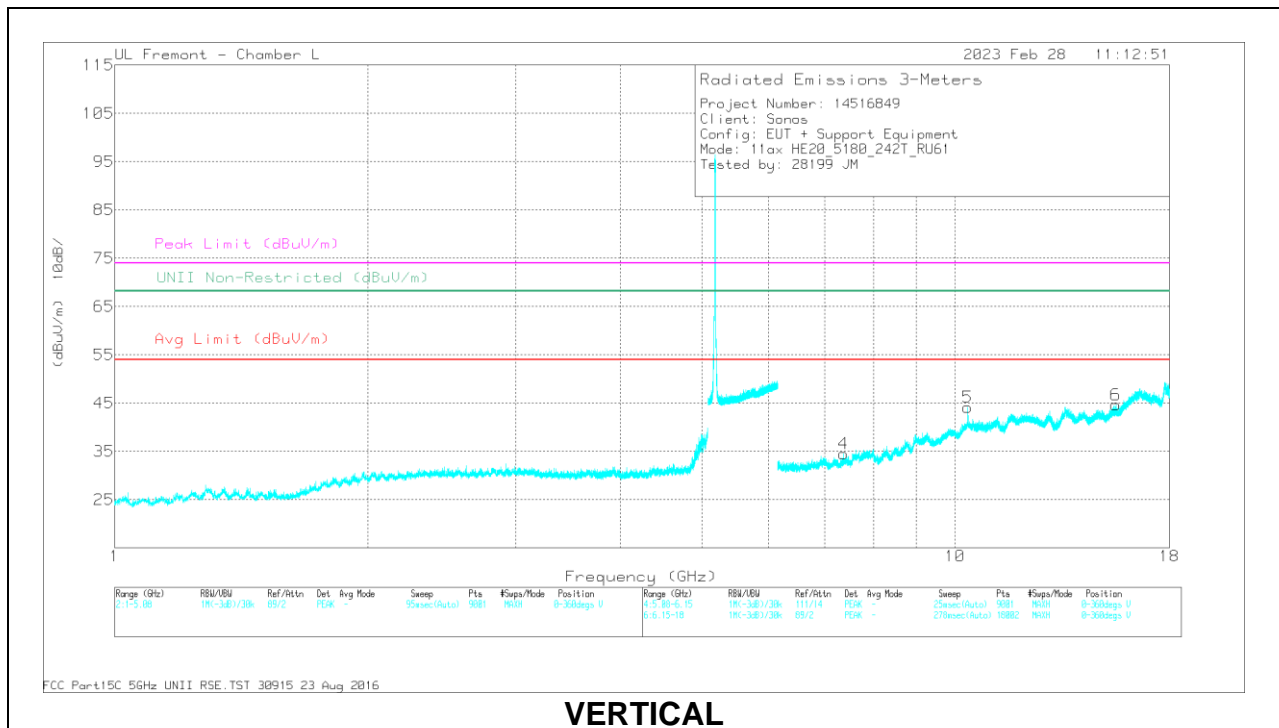
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

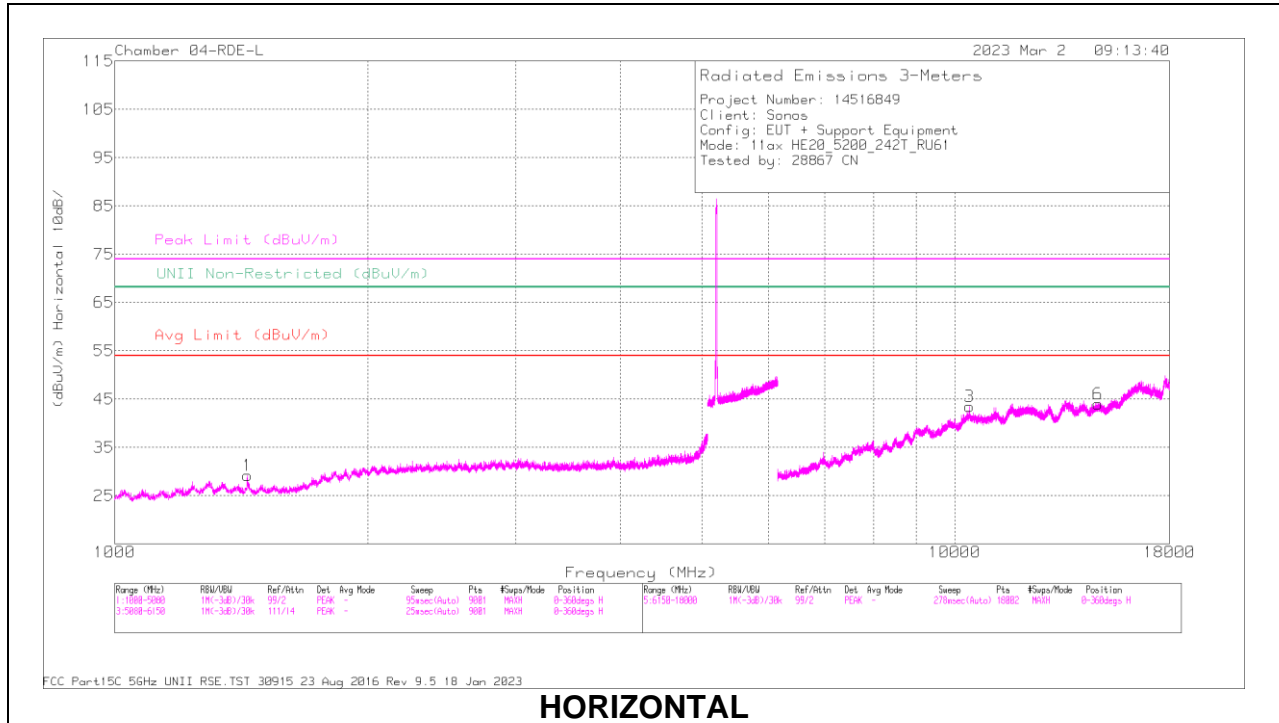
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206806 ACF (dB) 3mH	Amp/Cb/Fltr/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.368734	31.21	PK-U	35.9	-22.7	0	44.41	-	-	74	-29.59	-	-	4	318	H
	* 7.371935	19.35	ADR	35.9	-22.7	4.15	36.7	54	-17.3	-	-	-	-	4	318	H
2	10.35694	33.47	PK-U	38.3	-18.8	0	52.97	-	-	-	-	68.2	-15.23	263	119	H
3	* 15.543026	30.39	PK-U	39.8	-16.9	0	53.29	-	-	74	-20.71	-	-	263	270	H
	* 15.540221	18.21	ADR	39.8	-16.9	4.15	45.26	54	-8.74	-	-	-	-	263	270	H
4	* 7.367585	29.34	PK-U	35.9	-22.7	0	42.54	-	-	74	-31.46	-	-	4	150	V
	* 7.367312	17.61	ADR	35.9	-22.7	4.15	34.96	54	-19.04	-	-	-	-	4	150	V
5	10.358355	32.5	PK-U	38.3	-18.8	0	52	-	-	-	-	68.2	-16.2	201	141	V
6	* 15.539607	29.75	PK-U	39.8	-16.9	0	52.65	-	-	74	-21.35	-	-	247	306	V
	* 15.537517	17.93	ADR	39.8	-16.9	4.15	44.98	54	-9.02	-	-	-	-	247	306	V

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

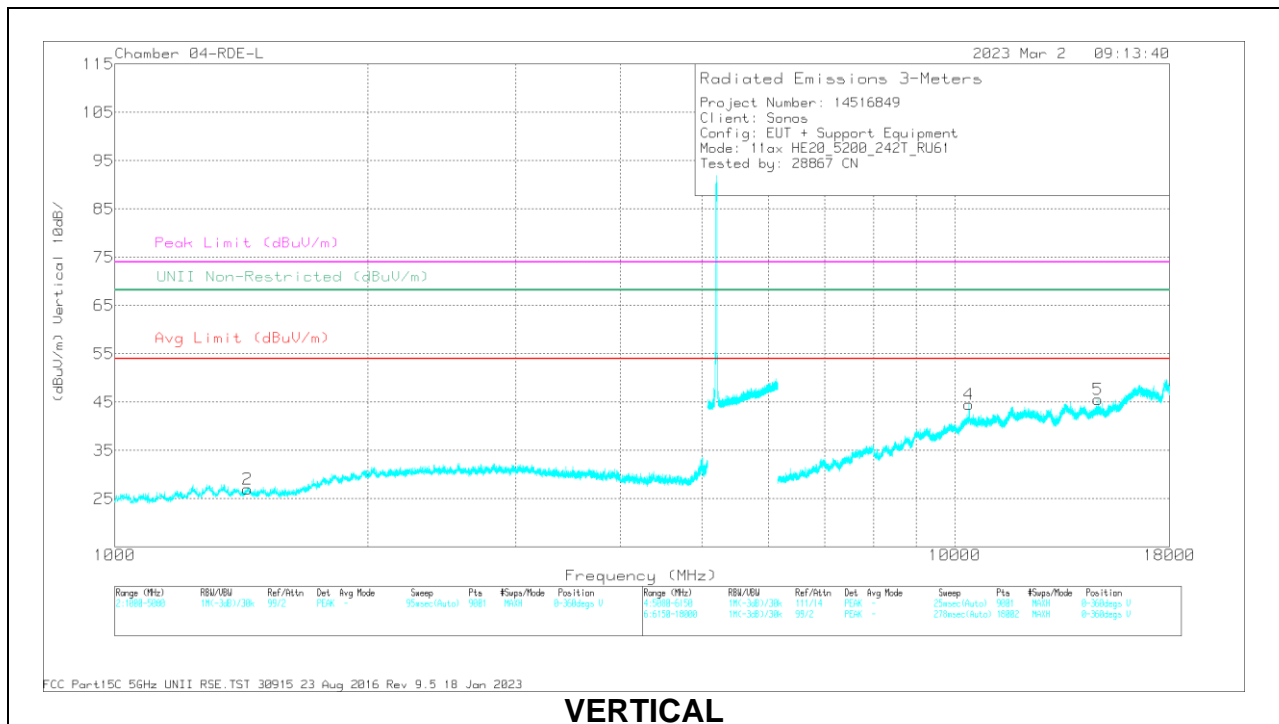
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

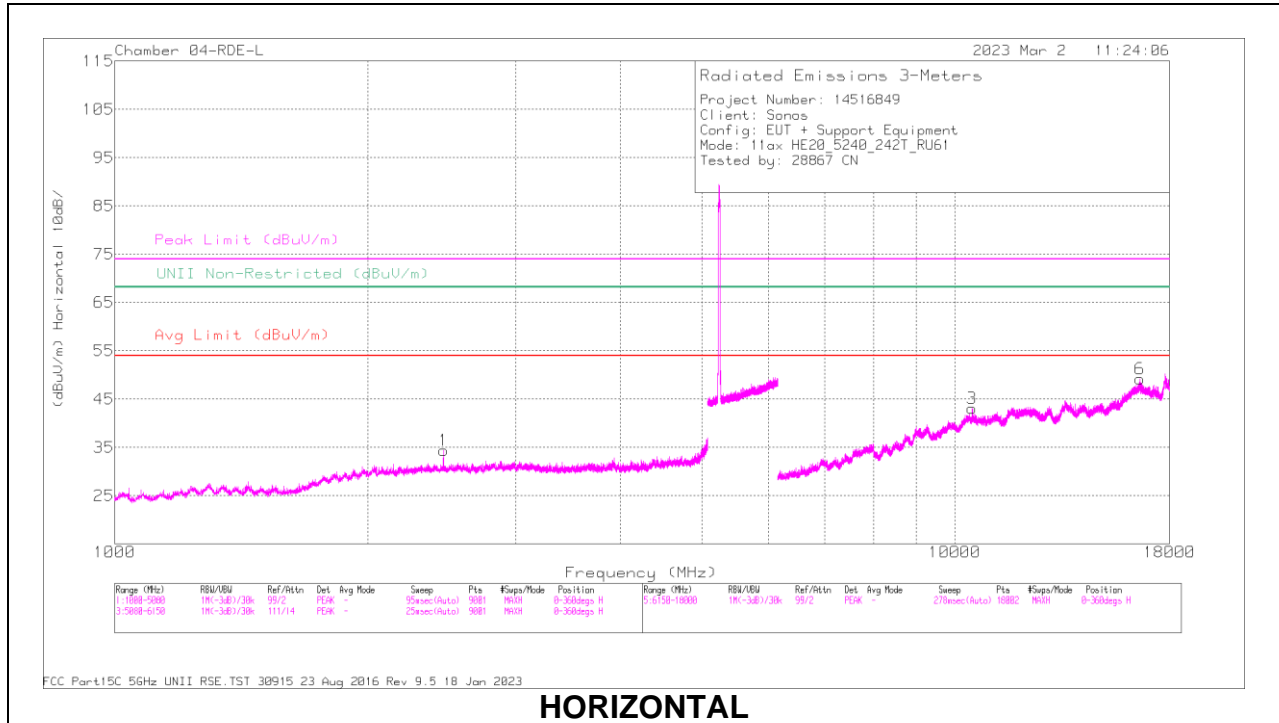
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206806 ACF (dB) 3mH	Amp/Cb/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1439.804	41.99	PK-U	28.7	-32.6	0	38.09	-	-	74	-35.91	-	-	236	153	H
	* 1439.853	28.95	ADR	28.7	-32.6	4.15	29.2	54	-24.8	-	-	-	-	236	153	H
2	* 1440.078	41.88	PK-U	28.7	-32.6	0	37.98	-	-	74	-36.02	-	-	330	238	V
	* 1440.295	28.94	ADR	28.7	-32.6	4.15	29.19	54	-24.81	-	-	-	-	330	238	V
3	10399.794	31.93	PK-U	38.3	-18.6	0	51.63	-	-	-	-	68.2	-16.57	156	168	H
6	14809.687	30.72	PK-U	39.7	-17.3	0	53.12	-	-	-	-	68.2	-15.08	309	234	H
4	10392.864	32.6	PK-U	38.3	-18.7	0	52.2	-	-	-	-	68.2	-16	203	135	V
5	14808.29	30.94	PK-U	39.7	-17.3	0	53.34	-	-	-	-	68.2	-14.86	226	130	V

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

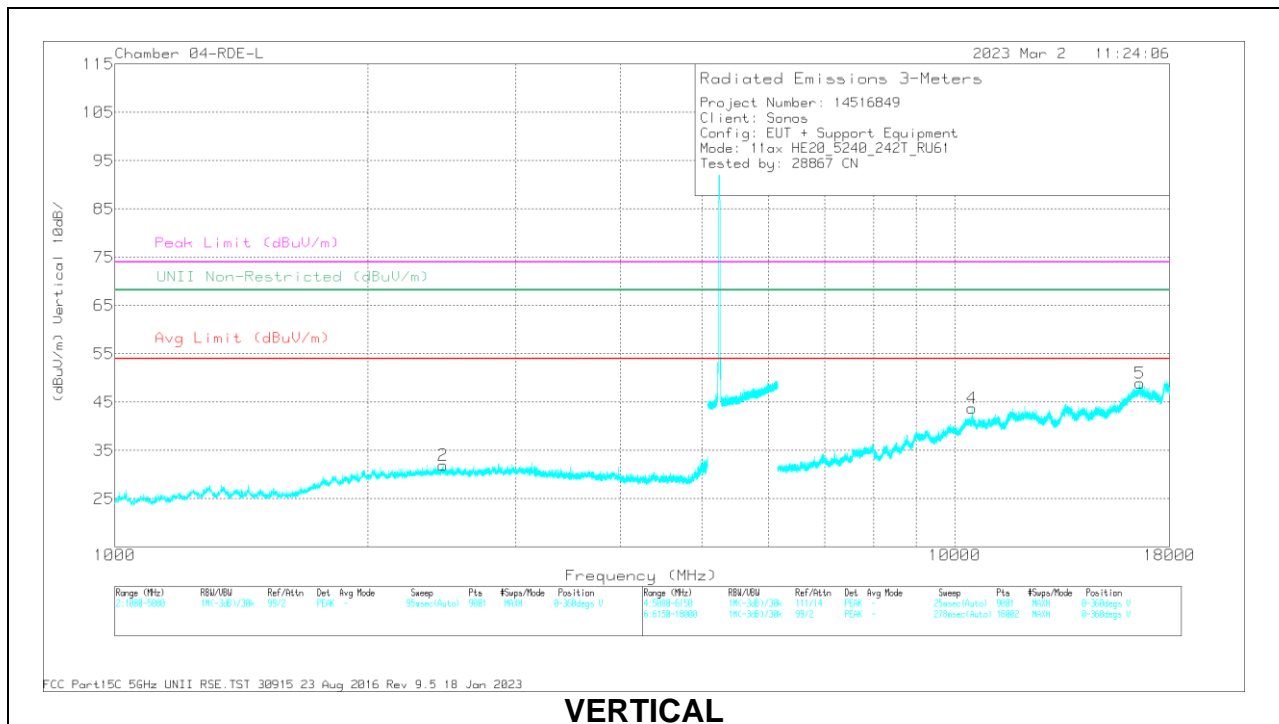
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206806 ACF (dB) 3mH	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	2458.784	39.64	PK-U	32.6	-30	0	42.24	-	-	-	-	68.2	-25.96	21	359	H
2	2461.014	39.73	PK-U	32.6	-29.9	0	42.43	-	-	-	-	68.2	-25.77	12	307	V
3	10482.639	34.31	PK-U	38.4	-19	0	53.71	-	-	-	-	68.2	-14.49	331	126	H
6	16598.881	31.81	PK-U	42	-16.4	0	57.41	-	-	-	-	68.2	-10.79	234	198	H
4	10483.227	34.65	PK-U	38.4	-19	0	54.05	-	-	-	-	68.2	-14.15	21	140	V
5	16591.286	32.72	PK-U	42	-16.4	0	58.32	-	-	-	-	68.2	-9.88	236	176	V

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

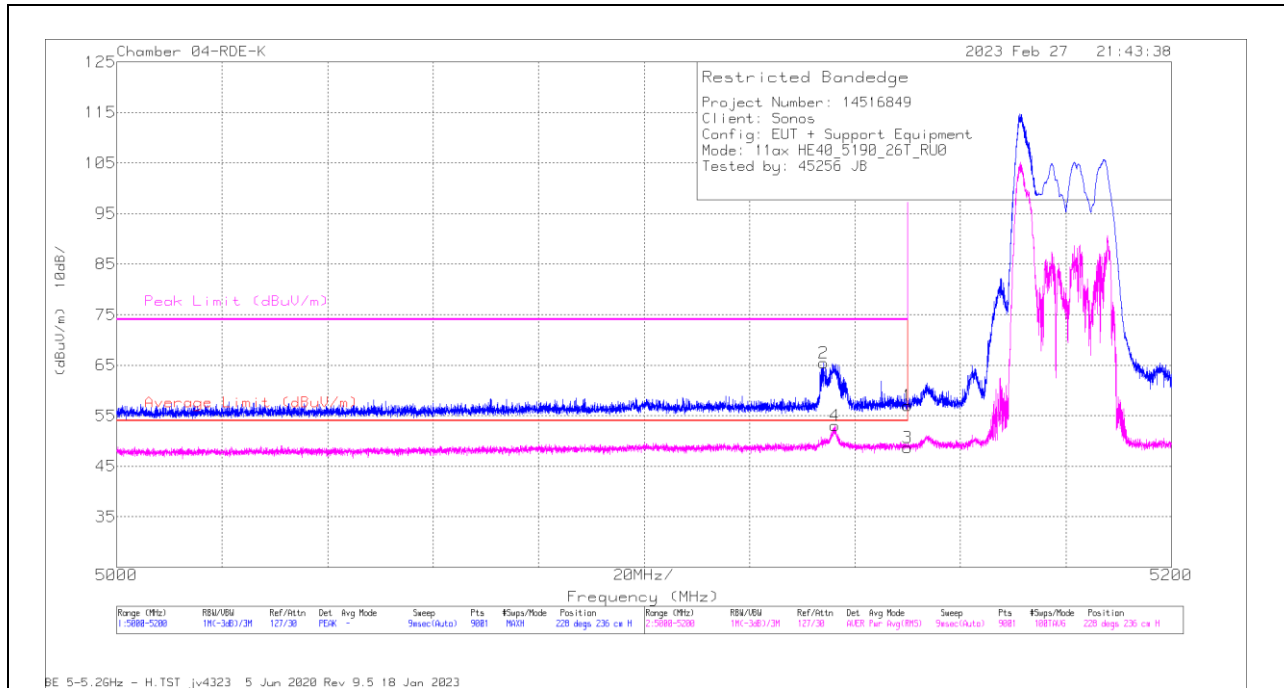
PK-U - U-NII: Maximum Peak

10.1.2. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.2GHz BAND

2TX Antenna 3 + Antenna 2 OFDMA MODE: 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

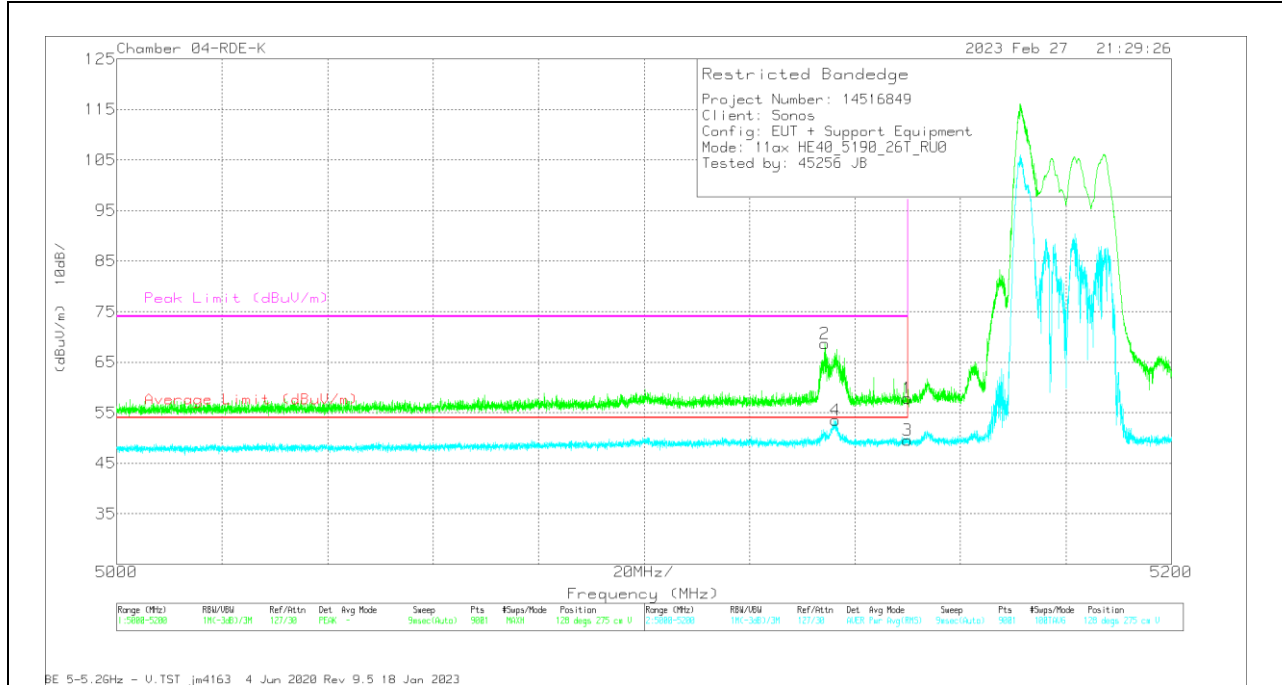
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5150	53.81	Pk	34.1	-30.9	0	57.01	-	-	74	-16.99	228	236	H
2	* 5133.999	62.39	Pk	34	-30.9	0	65.49	-	-	74	-8.51	228	236	H
3	* 5150	42.45	RMS	34.1	-30.9	3.03	48.68	54	-5.32	-	-	228	236	H
4	* 5136.154	46.73	RMS	34	-30.8	3.03	52.96	54	-1.04	-	-	228	236	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5150	54.63	Pk	34.1	-30.9	0	57.83	-	-	74	-16.17	128	275	V
2	* 5134.221	65.59	Pk	34	-30.9	0	68.69	-	-	74	-5.31	128	275	V
3	* 5150	43.28	RMS	34.1	-30.9	3.03	49.51	54	-4.49	-	-	128	275	V
4	* 5136.243	47.28	RMS	34	-30.8	3.03	53.51	54	-4.9	-	-	128	275	V

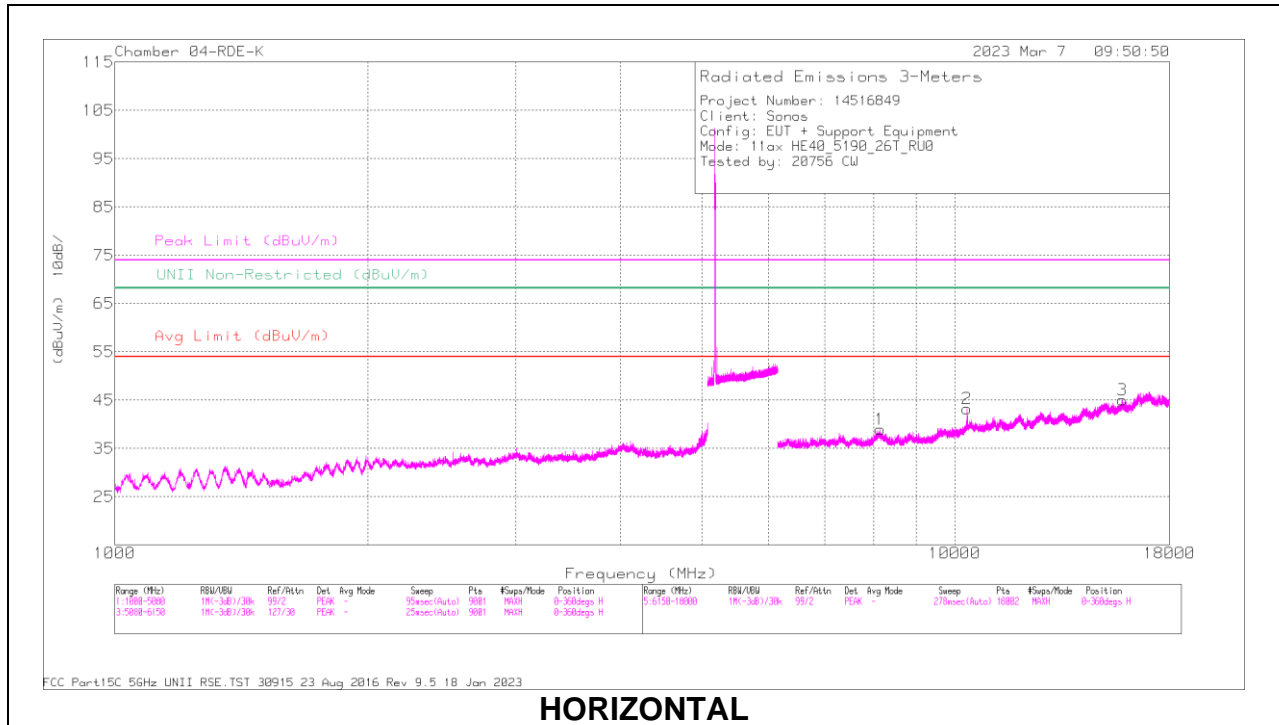
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

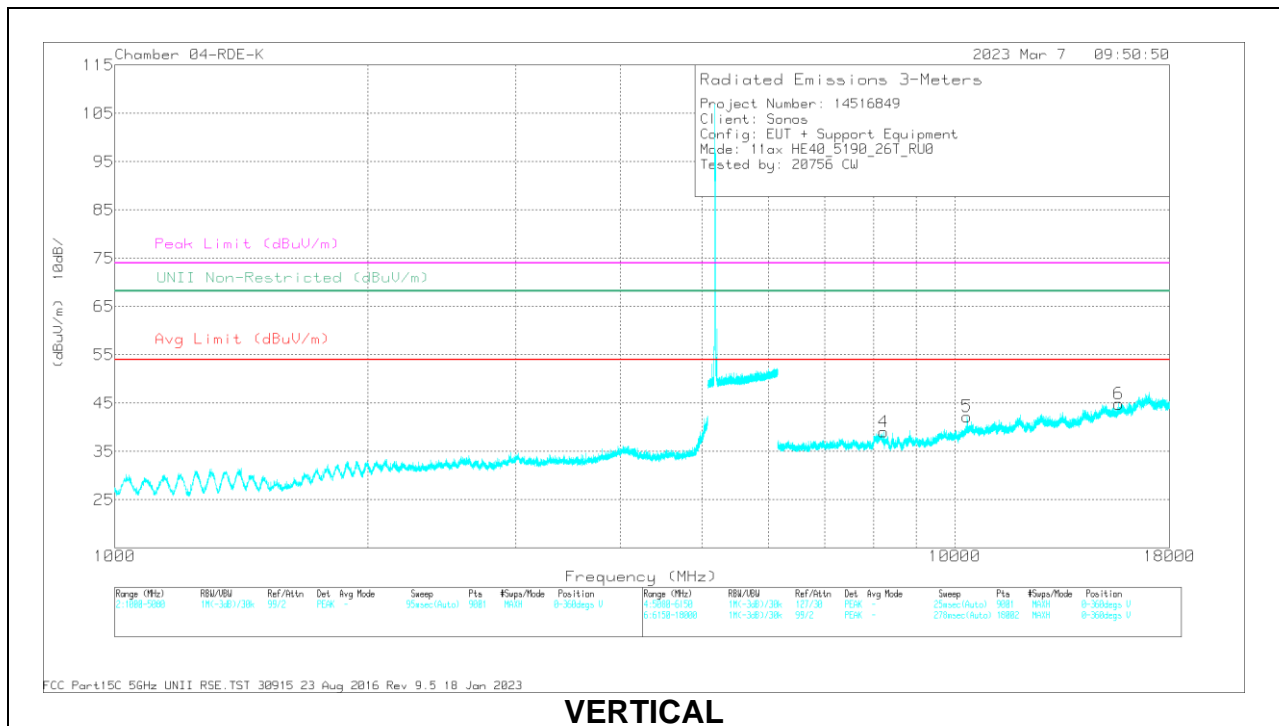
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (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	* 8146.842	49.42	PK-U	35.9	-37.7	0	47.62	-	-	74	-26.38	-	-	98	119	H
	* 8146.992	37.75	ADR	35.9	-37.7	3.03	38.98	54	-15.02	-	-	-	-	98	119	H
2	10343.776	50.07	PK-U	37.7	-36.8	0	50.97	-	-	-	-	68.2	-17.23	141	310	H
3	* 15812.496	47.12	PK-U	40.2	-33.4	0	53.92	-	-	74	-20.08	-	-	344	185	H
	* 15812.324	35.5	ADR	40.2	-33.4	3.03	45.33	54	-8.67	-	-	-	-	344	185	H
4	* 8217.816	48.97	PK-U	35.9	-37.6	0	47.27	-	-	74	-26.73	-	-	192	251	V
	* 8216.095	37.26	ADR	35.9	-37.6	3.03	38.59	54	-15.41	-	-	-	-	192	251	V
5	10343.24	55.16	PK-U	37.7	-36.8	0	56.06	-	-	-	-	68.2	-12.14	261	104	V
6	* 15650.569	46.68	PK-U	40.1	-33.1	0	53.68	-	-	74	-20.32	-	-	34	313	V
	* 15650.867	34.76	ADR	40.1	-33.1	3.03	44.79	54	-9.21	-	-	-	-	34	313	V

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

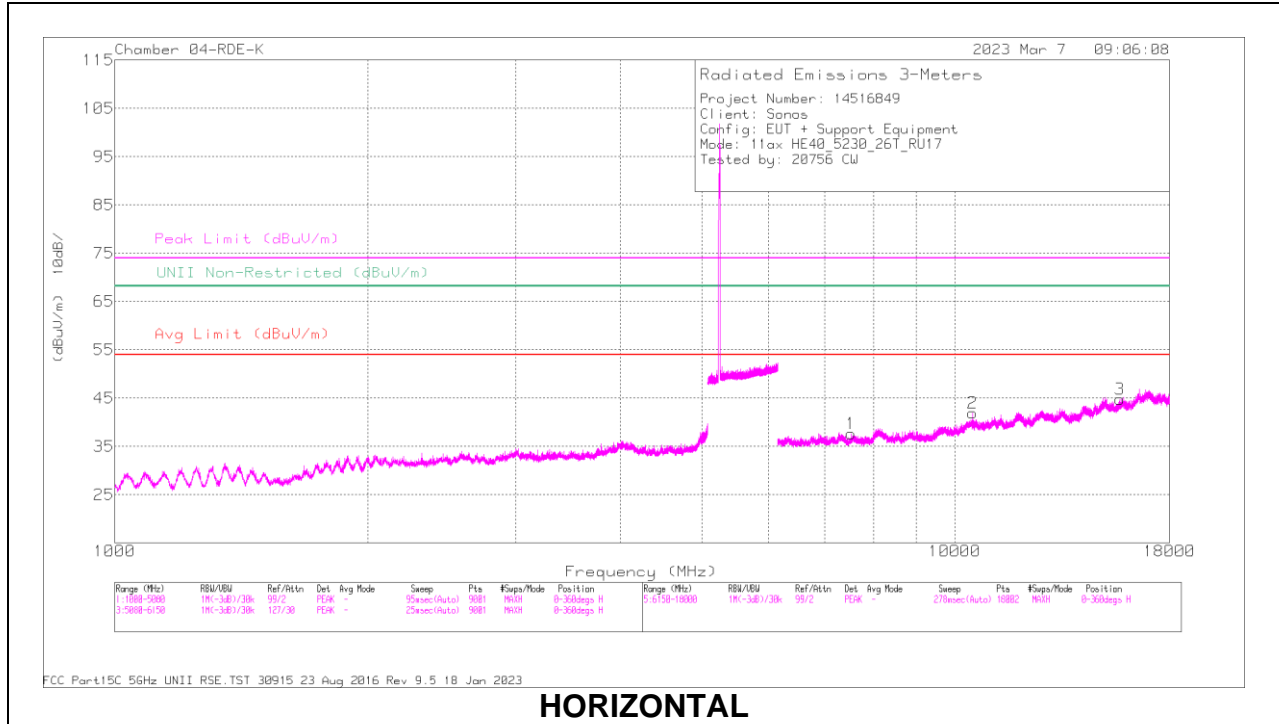
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

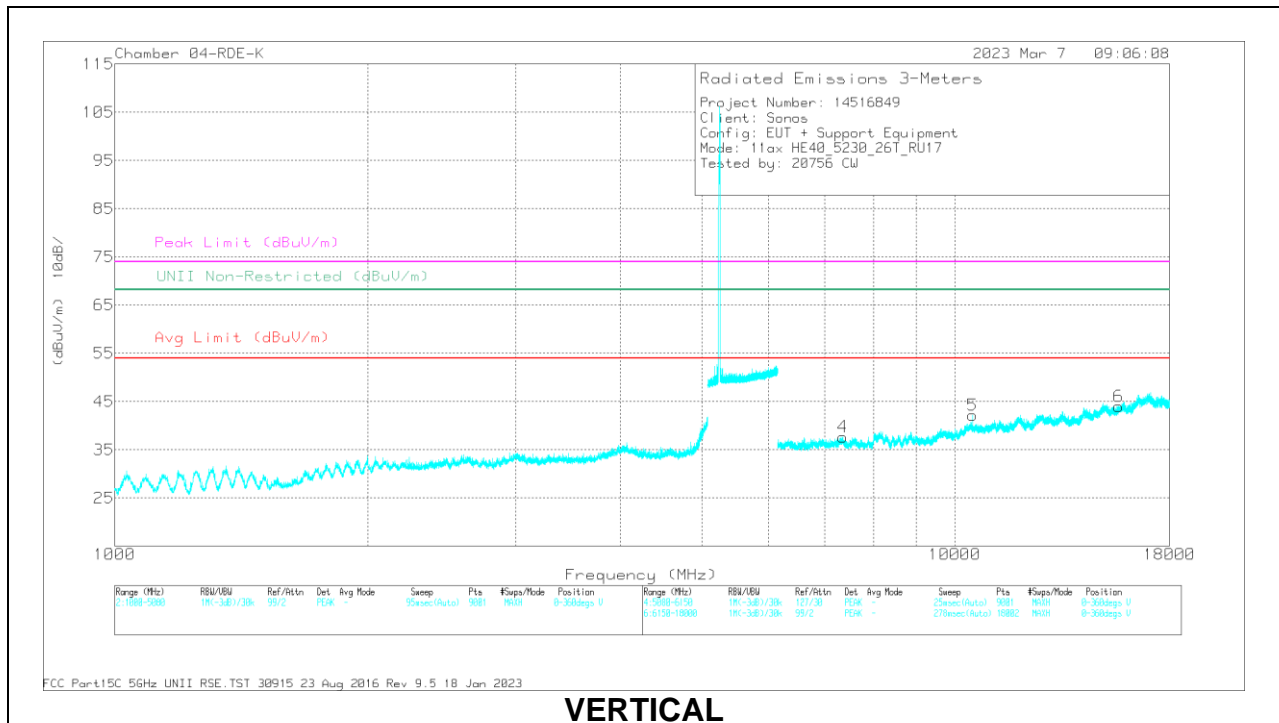
2TX Antenna 3 + Antenna 2 OFDMA MODE: 26-Tones, RU Index 17

HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cb/Fitr (dB)	DCCF (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	* 7524.765	50.04	PK-U	35.7	-37.5	0	48.24	-	-	74	-25.76	-	-	187	366	H
	* 7524.546	36.61	ADR	35.7	-37.5	3.03	37.84	54	-16.16	-	-	-	-	187	366	H
2	10496.427	53.11	PK-U	37.8	-36.7	0	54.21	-	-	-	-	68.2	-13.99	128	227	H
3	* 15726.844	47.19	PK-U	40.1	-33.4	0	53.89	-	-	74	-20.11	-	-	202	170	H
	* 15726.942	35.22	ADR	40.1	-33.4	3.03	44.95	54	-9.05	-	-	-	-	202	170	H
4	* 7358.451	49.2	PK-U	35.7	-37.2	0	47.7	-	-	74	-26.3	-	-	16	228	V
	* 7356.521	36.87	ADR	35.7	-37.2	3.03	38.4	54	-15.6	-	-	-	-	16	228	V
5	10495.887	54.8	PK-U	37.8	-36.7	0	55.9	-	-	-	-	68.2	-12.3	178	109	V
6	* 15670.414	47.38	PK-U	40.1	-33.2	0	54.28	-	-	74	-19.72	-	-	277	392	V
	* 15670.273	35.01	ADR	40.1	-33.2	3.03	44.94	54	-9.06	-	-	-	-	277	392	V

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

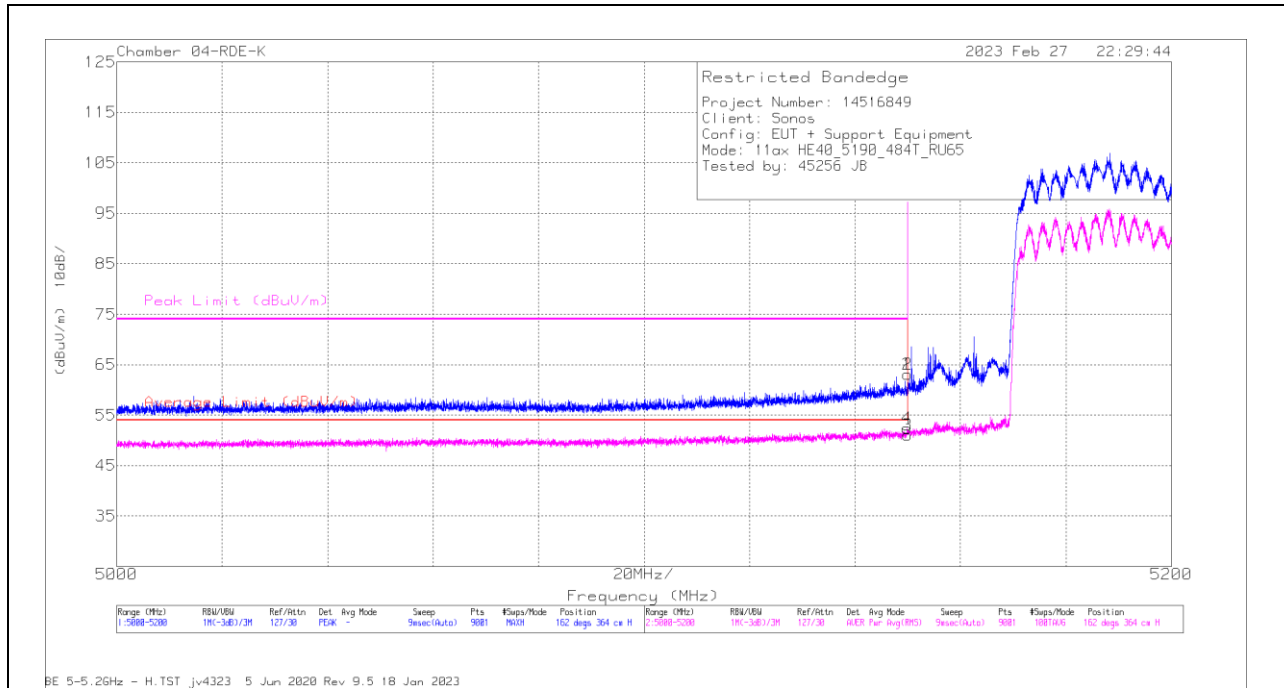
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX Antenna 3 + Antenna 2 OFDMA MODE: 484-Tones, RU Index 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

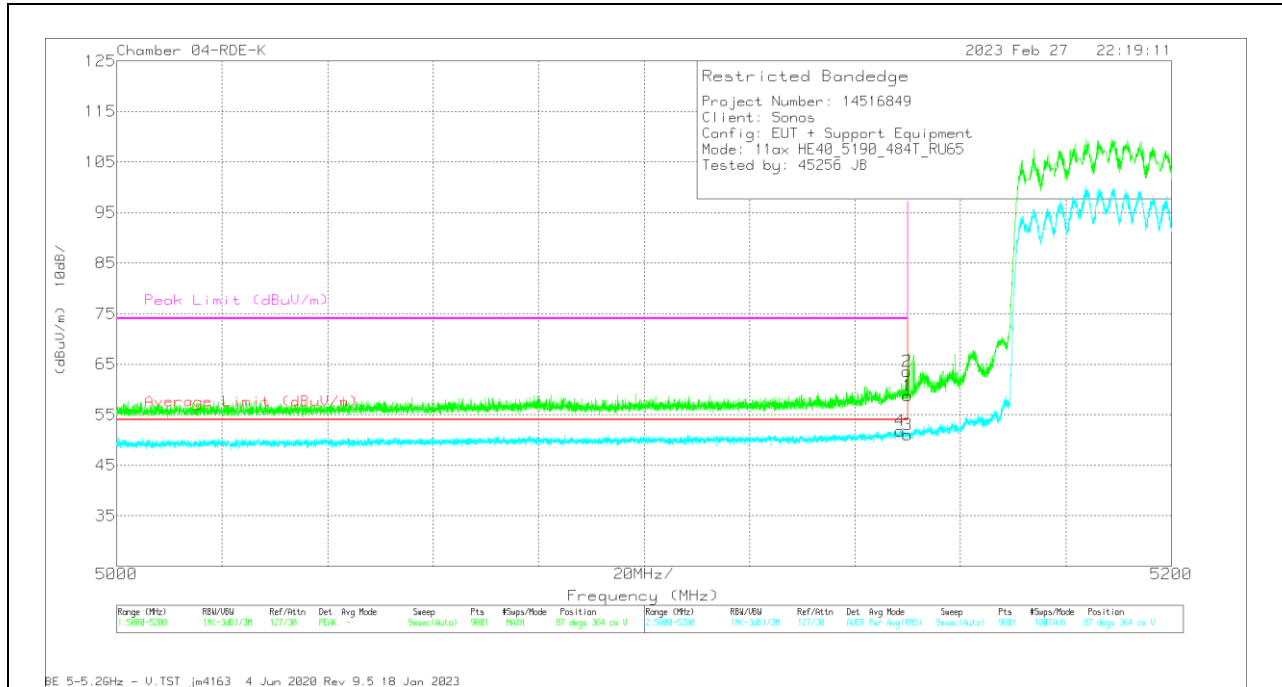
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5150	59.83	Pk	34.1	-30.9	0	63.03	-	-	74	-10.97	162	364	H
2	* 5149.999	59.91	Pk	34.1	-30.9	0	63.11	-	-	74	-10.89	162	364	H
3	* 5150	43.61	RMS	34.1	-30.9	4.21	51.02	54	-2.98	-	-	162	364	H
4	* 5149.887	44.95	RMS	34.1	-30.9	4.21	52.36	54	-1.64	-	-	162	364	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5150	55.53	Pk	34.1	-30.9	0	58.73	-	-	74	-15.27	87	364	V
2	* 5149.865	60.36	Pk	34.1	-30.9	0	63.56	-	-	74	-10.44	87	364	V
3	* 5150	43.63	RMS	34.1	-30.9	4.21	51.04	54	-2.96	-	-	87	364	V
4	* 5148.487	44.41	RMS	34	-30.8	4.21	51.82	54	-2.18	-	-	87	364	V

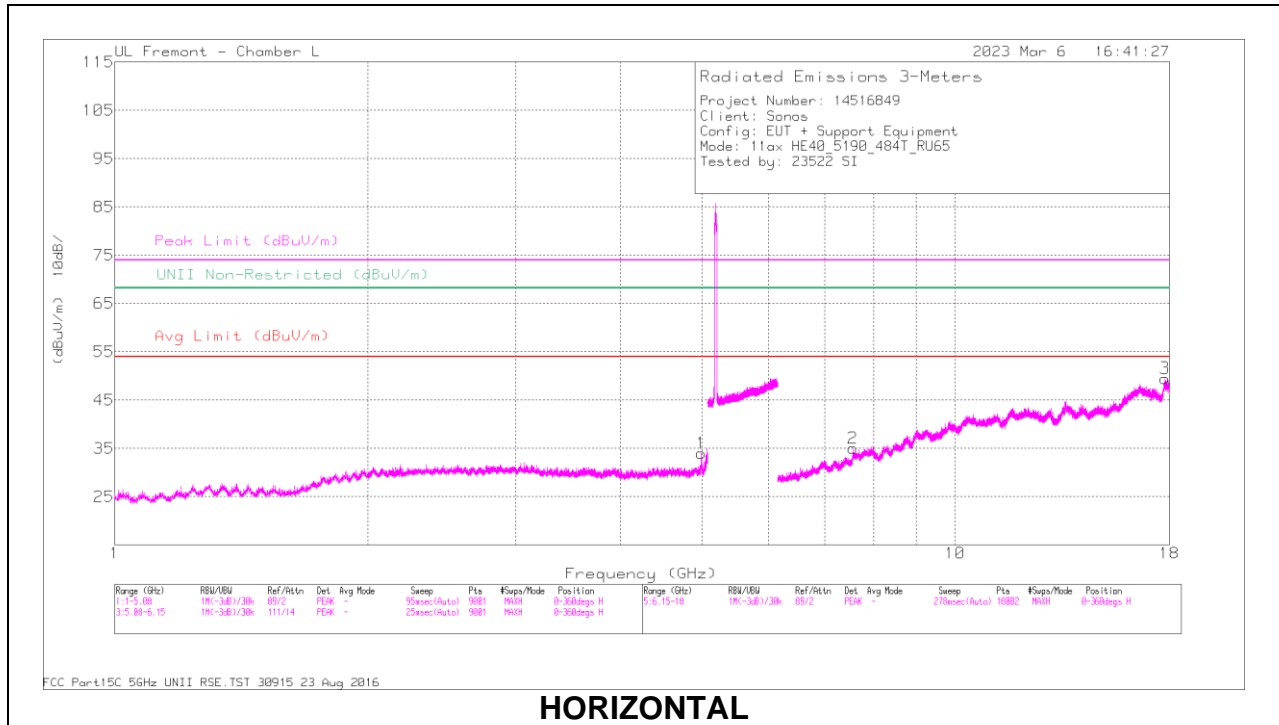
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

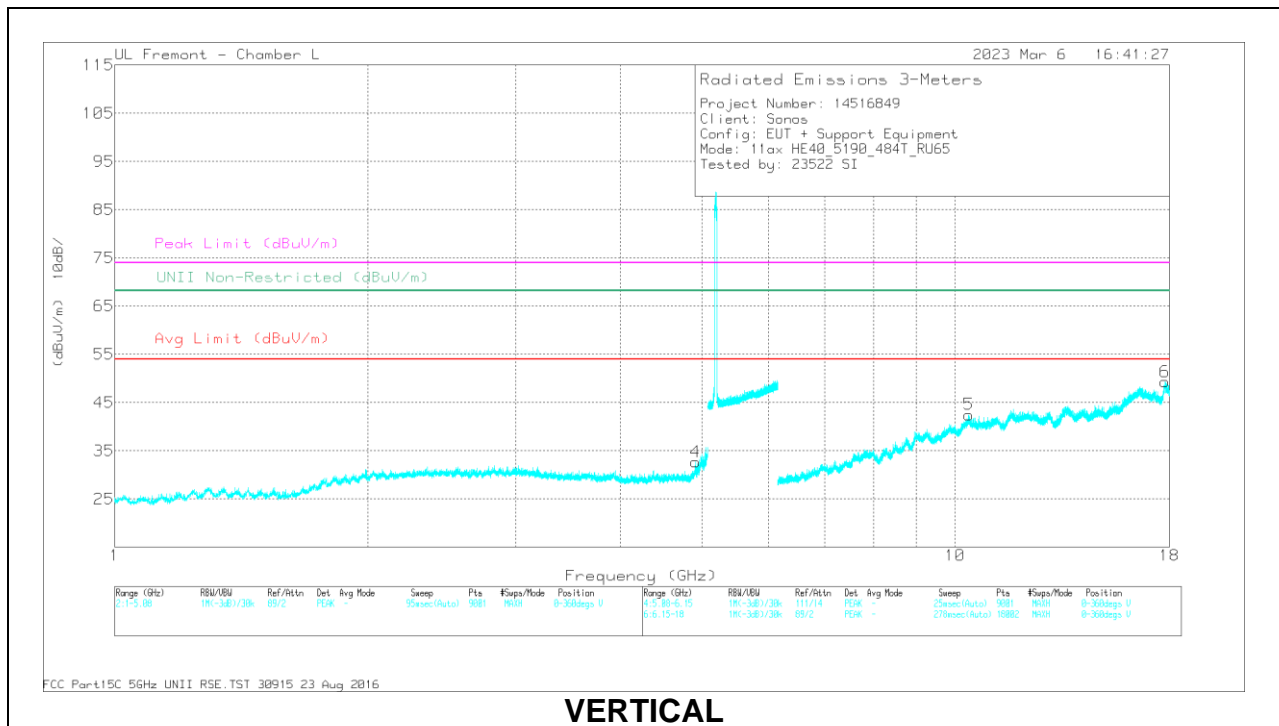
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206806 ACF (dB) 3mH	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	* 4.995164	36.86	PK-U	34.4	-24.6	0	46.66	-	-	74	-27.34	-	-	266	300	H
	* 4.993685	23.85	ADR	34.4	-24.6	4.21	37.86	54	-16.14	-	-	-	-	266	300	H
4	* 4.911851	35.71	PK-U	34.4	-25.2	0	44.91	-	-	74	-29.09	-	-	167	322	V
	* 4.91296	22.78	ADR	34.4	-25.3	4.21	36.09	54	-17.91	-	-	-	-	167	322	V
2	* 7.563004	28.98	PK-U	36.1	-22.3	0	42.78	-	-	74	-31.22	-	-	343	153	H
	* 7.56086	17.33	ADR	36.1	-22.4	4.21	35.24	54	-18.76	-	-	-	-	343	153	H
3	* 17.781155	31.85	PK-U	41.5	-14.5	0	58.85	-	-	74	-15.15	-	-	30	163	H
	* 17.780824	20.09	ADR	41.5	-14.5	4.21	51.3	54	-2.7	-	-	-	-	30	163	H
5	10.382474	32.19	PK-U	38.3	-18.8	0	51.69	-	-	-	-	68.2	-16.51	279	125	V
6	* 17.782388	31.56	PK-U	41.5	-14.5	0	58.56	-	-	74	-15.44	-	-	20	144	V
	* 17.779813	19.84	ADR	41.5	-14.5	4.21	51.05	54	-2.95	-	-	-	-	20	144	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