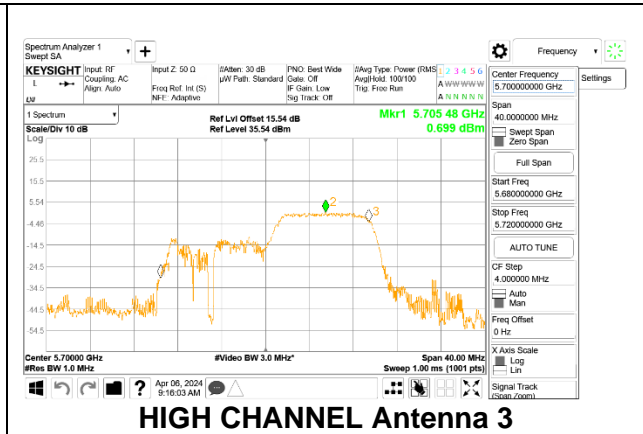
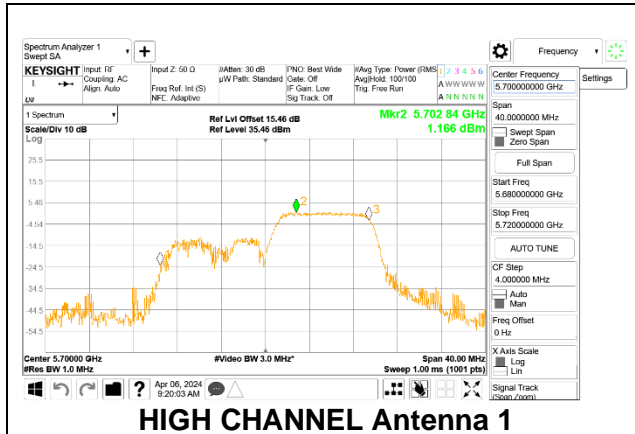


### HIGH CHANNEL



**2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 52-Tones, RU Index 37**

<b>Test Engineer:</b>	ZS 16080
<b>Test Date:</b>	2024-04-03 - 2024-04-09

**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	20.68	18.276	6.10	8.70

**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	23.90	23.62	29.62	23.52	8.30	11.00	8.30

<b>Duty Cycle CF (dB)</b>	1.11	<b>Included in Calculations of Corr'd PSD</b>
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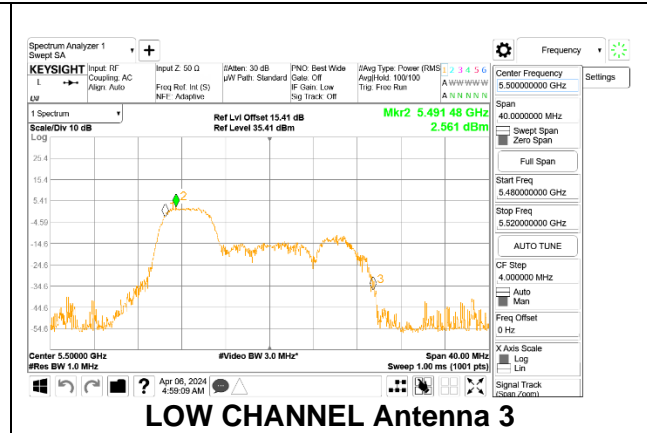
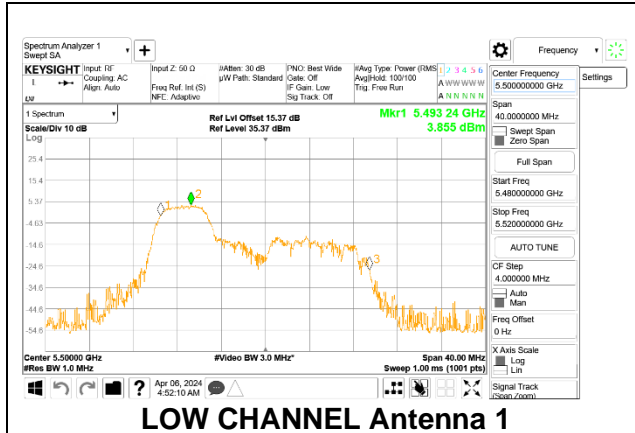
**Output Power Results**

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.01	11.15	14.09	23.52	-9.43

**PSD Results**

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/ 1MHz)	Antenna 3 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	3.855	2.561	7.376	8.30	-0.92

### LOW CHANNEL



**2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 52-Tones, RU Index 38**

<b>Test Engineer:</b>	ZS 16080
<b>Test Date:</b>	2024-04-03 - 2024-04-09

**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)
Mid	5580	18.48	17.021	6.10	8.70

**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)
Mid	5580	23.57	23.31	29.31	23.21	8.30	11.00	8.30

<b>Duty Cycle CF (dB)</b>	1.11	Included in Calculations of Corr'd PSD
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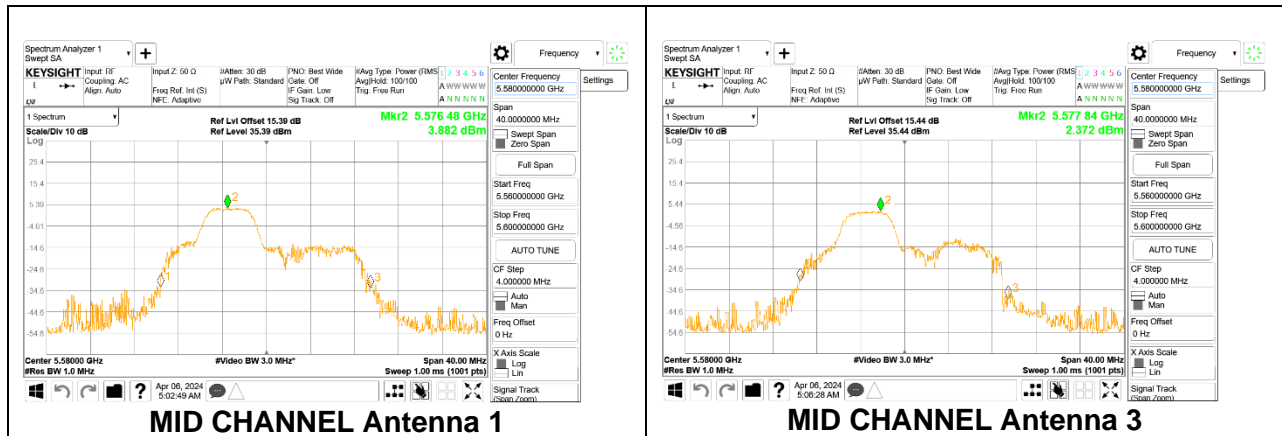
**Output Power Results**

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5580	10.97	11.22	14.11	23.21	-9.10

**PSD Results**

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/ 1MHz)	Antenna 3 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5580	3.882	2.372	7.313	8.30	-0.99

### MID CHANNEL



**2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 52-Tones, RU Index 40**

<b>Test Engineer:</b>	ZS 16080
<b>Test Date:</b>	2024-04-03 - 2024-04-09

**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	5700	21.32	18.309	6.10	8.70

**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	5700	23.90	23.63	29.63	23.53	8.30	11.00	8.30

<b>Duty Cycle CF (dB)</b>	1.11	Included in Calculations of Corr'd PSD
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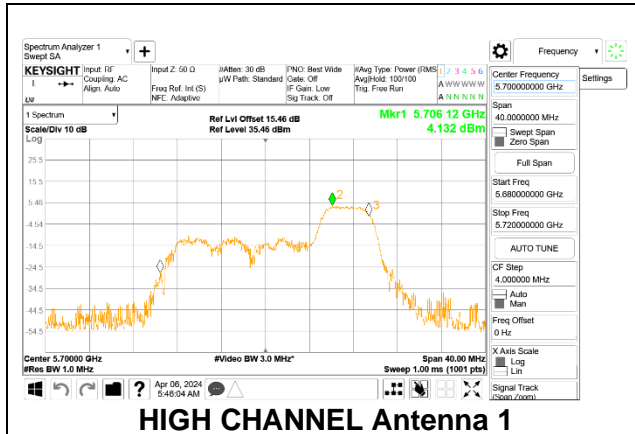
**Output Power Results**

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
High	5700	11.27	11.47	14.38	23.53	-9.15

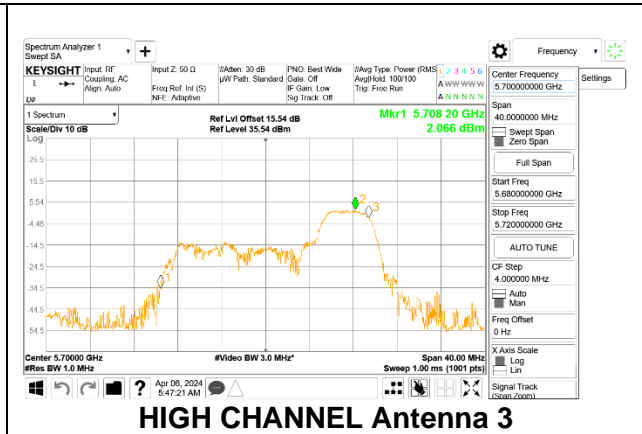
**PSD Results**

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/ 1MHz)	Antenna 3 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
High	5700	4.132	2.066	7.341	8.30	-0.96

### HIGH CHANNEL



HIGH CHANNEL Antenna 1



HIGH CHANNEL Antenna 3

**2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 26-Tones, RU Index 0**

<b>Test Engineer:</b>	ZS 16080
<b>Test Date:</b>	2024-04-03 - 2024-04-09

**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	20.32	18.507	6.10	8.70

**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	23.90	23.67	29.67	23.57	8.30	11.00	8.30

<b>Duty Cycle CF (dB)</b>	3.10	<b>Included in Calculations of Corr'd PSD</b>
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**Output Power Results**

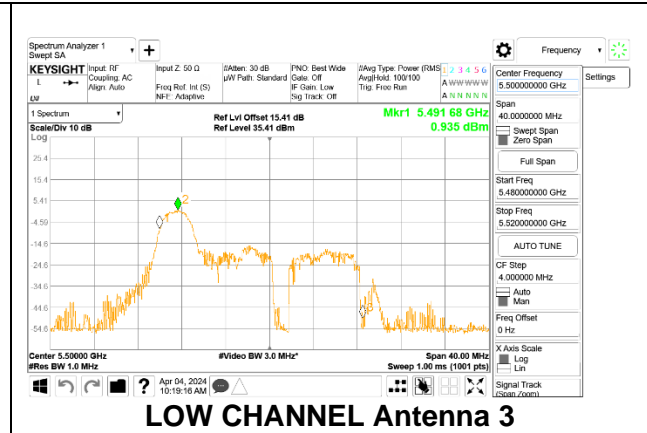
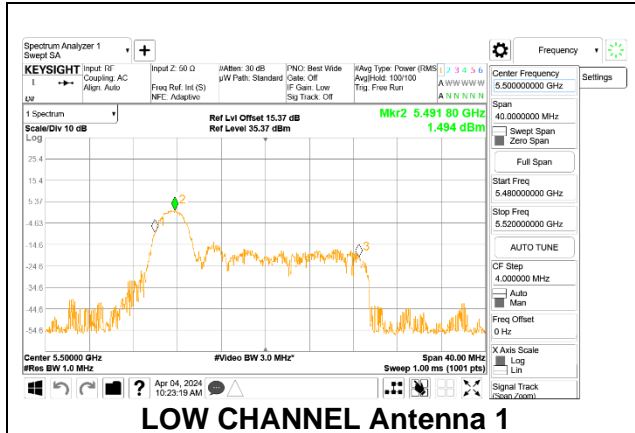
Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	7.25	7.09	10.18	23.57	-13.39

**PSD Results**

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/ 1MHz)	Antenna 3 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	1.494	0.935	7.334	8.30	-0.97



### LOW CHANNEL



**2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 26-Tones, RU Index 4**

<b>Test Engineer:</b>	ZS 16080
<b>Test Date:</b>	2024-04-03 - 2024-04-09

**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)
Mid	5580	18.24	17.081	6.10	8.70

**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)
Mid	5580	23.51	23.33	29.33	23.23	8.30	11.00	8.30

<b>Duty Cycle CF (dB)</b>	3.10	<b>Included in Calculations of Corr'd PSD</b>
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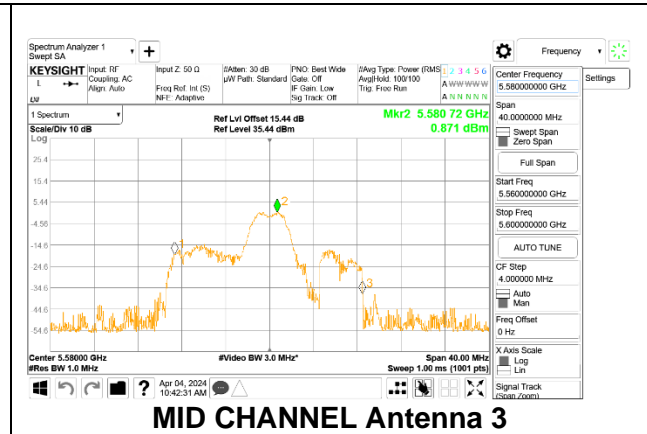
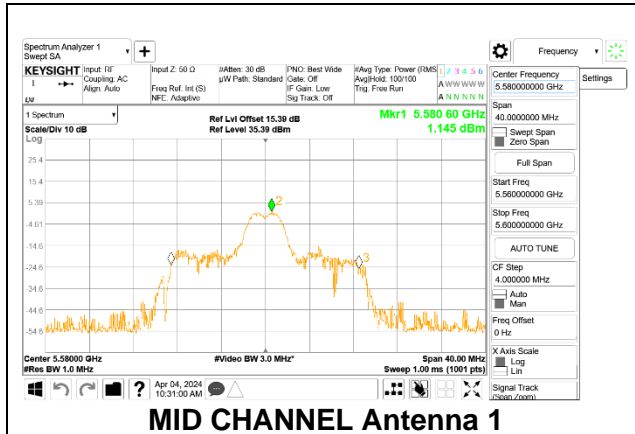
**Output Power Results**

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5580	6.77	6.93	9.86	23.23	-13.36

**PSD Results**

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/ 1MHz)	Antenna 3 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5580	1.145	0.871	7.120	8.30	-1.18

### MID CHANNEL



**2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 26-Tones, RU Index 8**

<b>Test Engineer:</b>	ZS 16080
<b>Test Date:</b>	2024-04-03 - 2024-04-09

**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	5700	20.64	18.397	6.10	8.70

**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	5700	23.90	23.65	29.65	23.55	8.30	11.00	8.30

<b>Duty Cycle CF (dB)</b>	3.10	Included in Calculations of Corr'd PSD
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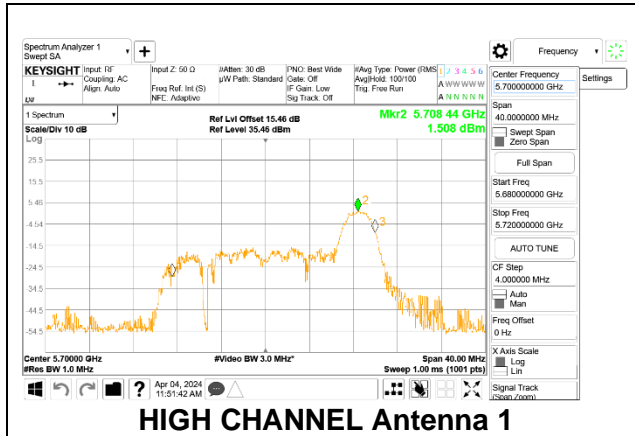
**Output Power Results**

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
High	5700	6.83	6.18	9.53	23.55	-14.02

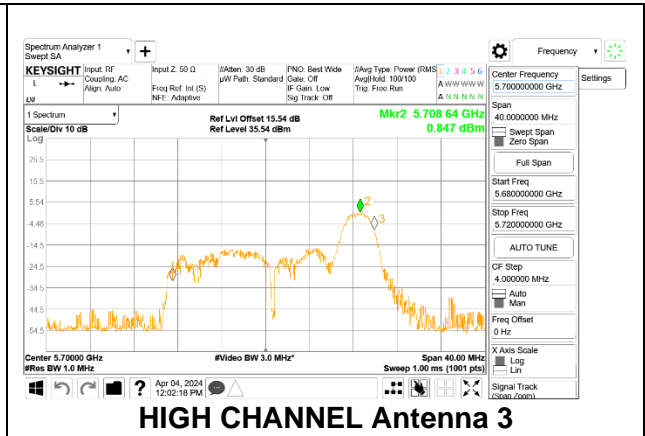
**PSD Results**

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/ 1MHz)	Antenna 3 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
High	5700	1.508	0.847	7.300	8.30	-1.00

### HIGH CHANNEL



HIGH CHANNEL Antenna 1



HIGH CHANNEL Antenna 3

**2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: SU (Single User)**

<b>Test Engineer:</b>	ZS 16080
<b>Test Date:</b>	2024-04-03 - 2024-04-09

**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	22.24	18.956	6.10	8.70
Mid	5580	22.40	18.953	6.10	8.70
High	5700	22.32	18.959	6.10	8.70

**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	23.90	23.78	29.78	23.68	8.30	11.00	8.30
Mid	5580	23.90	23.78	29.78	23.68	8.30	11.00	8.30
High	5700	23.90	23.78	29.78	23.68	8.30	11.00	8.30

<b>Duty Cycle CF (dB)</b>	0.74	<b>Included in Calculations of Corr'd PSD</b>
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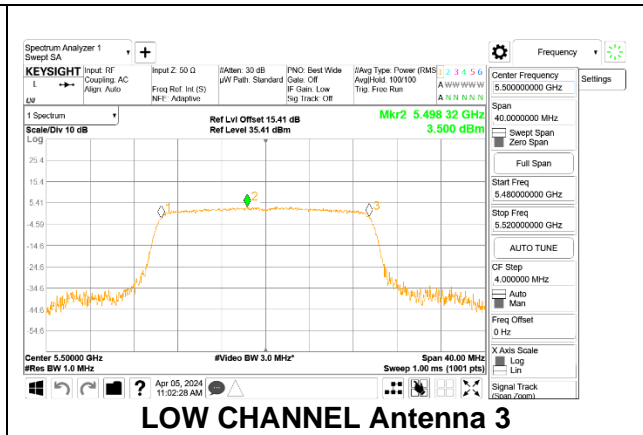
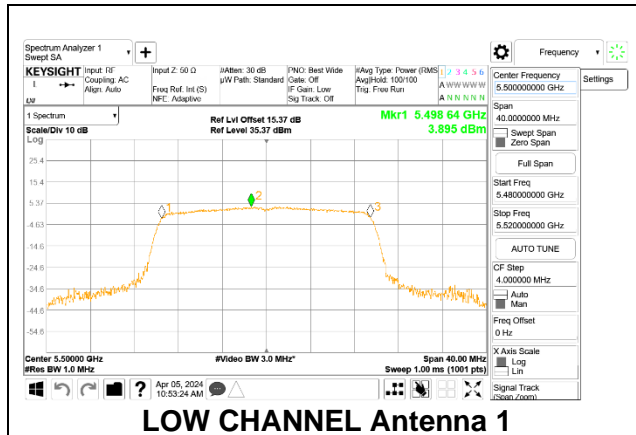
**Output Power Results**

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	15.12	14.74	17.94	23.68	-5.73
Mid	5580	14.47	15.35	17.94	23.68	-5.73
High	5700	14.92	14.78	17.86	23.68	-5.82

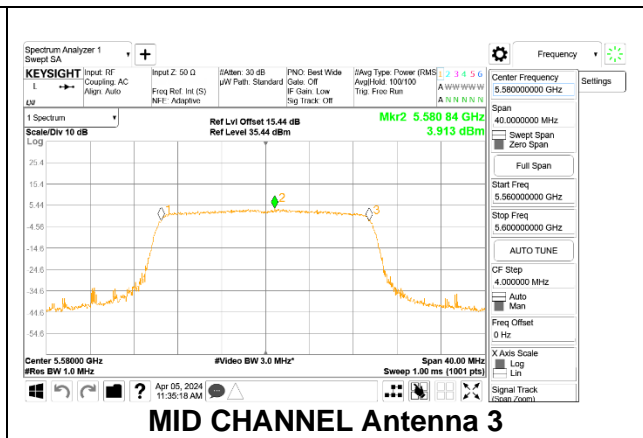
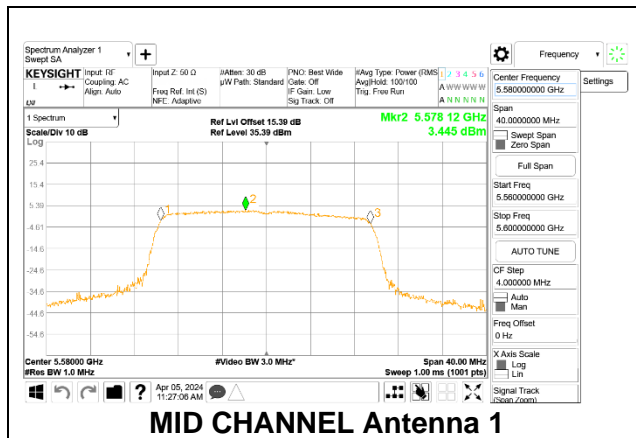
**PSD Results**

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/ 1MHz)	Antenna 3 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	3.895	3.500	7.452	8.30	-0.85
Mid	5580	3.445	3.913	7.436	8.30	-0.86
High	5700	3.234	3.504	7.121	8.30	-1.18

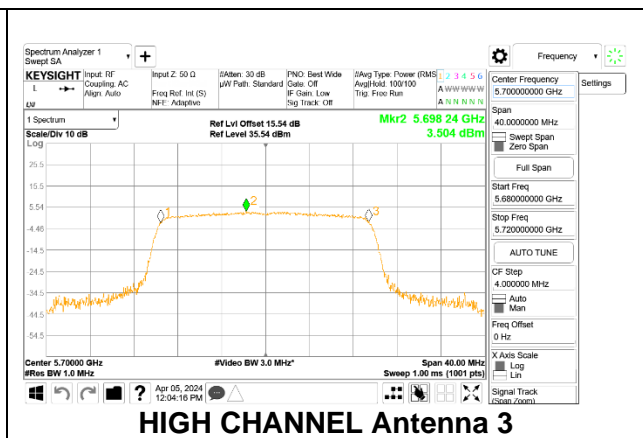
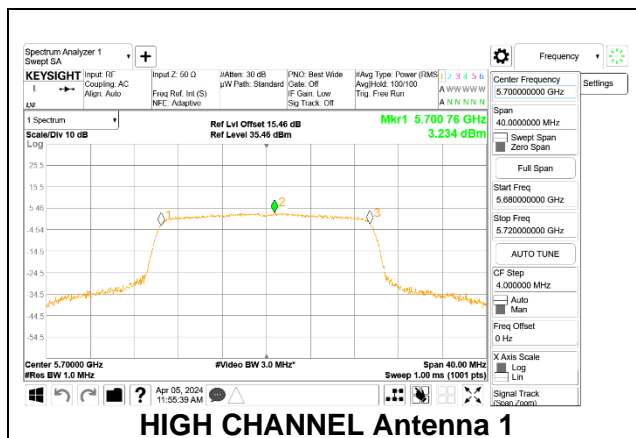
### LOW CHANNEL



### MID CHANNEL



### HIGH CHANNEL



### 9.5.8. 802.11ax HE40 MODE 2TX IN THE 5.6GHz BAND (FCC+IC)

#### 2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: SU (Single User)

Test Engineer:	ZS 16080
Test Date:	2024-04-03 - 2024-04-09

#### 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	40.24	37.479	6.10	8.70
Mid	5550	40.16	37.507	6.10	8.70
High	5670	40.24	37.570	6.10	8.70

#### 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	23.90	24.00	30.00	23.90	8.30	11.00	8.30
Mid	5550	23.90	24.00	30.00	23.90	8.30	11.00	8.30
High	5670	23.90	24.00	30.00	23.90	8.30	11.00	8.30

Duty Cycle CF (dB)	1.32	Included in Calculations of Corr'd PSD
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#### Output Power Results

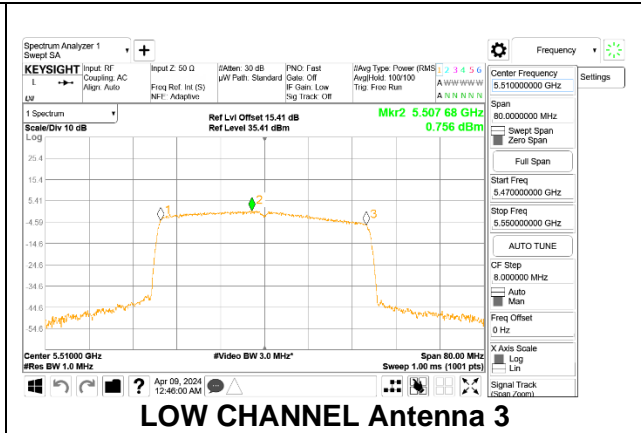
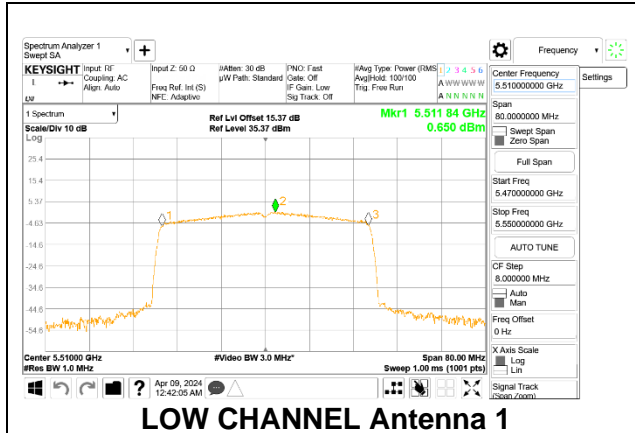
Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	14.86	14.84	17.86	23.90	-6.04
Mid	5550	15.23	14.92	18.09	23.90	-5.81
High	5670	15.35	15.15	18.26	23.90	-5.64

#### PSD Results

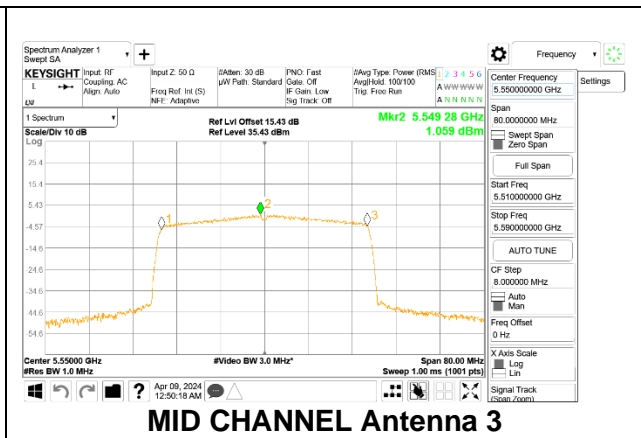
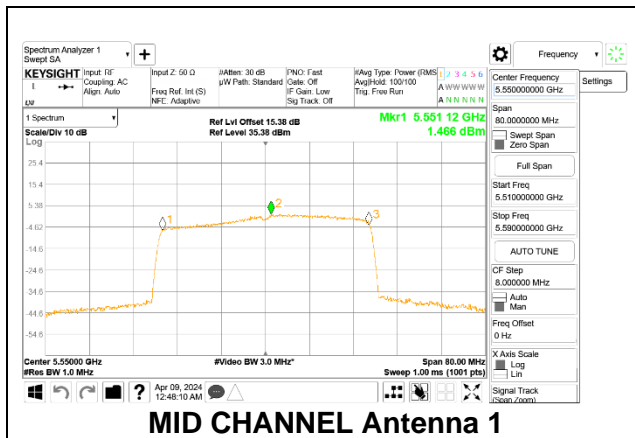
Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/ 1MHz)	Antenna 3 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	0.650	0.756	5.03	8.30	-3.27
Mid	5550	1.466	1.059	5.60	8.30	-2.70
High	5670	0.852	1.834	5.70	8.30	-2.60



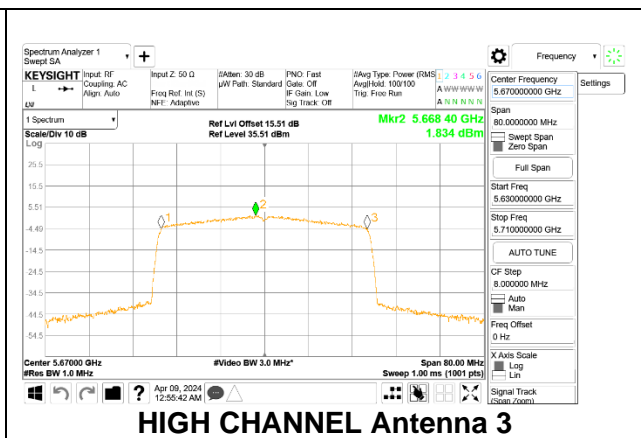
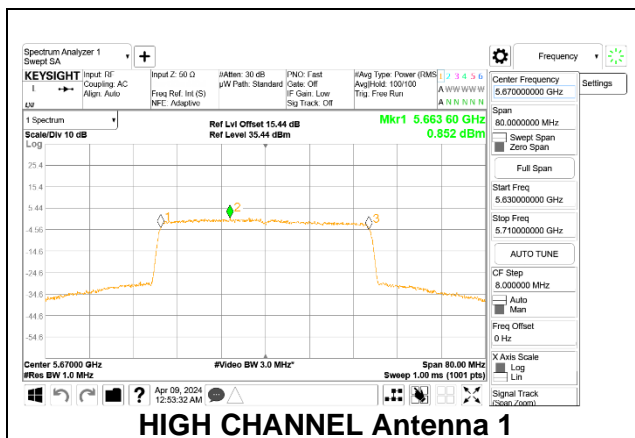
### LOW CHANNEL



### MID CHANNEL



### HIGH CHANNEL



### 9.5.9. 802.11ax HE80 MODE 2TX IN THE 5.6GHz BAND (FCC+IC)

#### 2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: SU (Single User)

Test Engineer:	ZS 16080
Test Date:	2024-04-03 - 2024-04-09

#### 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	81.76	76.960	6.10	8.70
High	5610	81.60	76.949	6.10	8.70

#### 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	23.90	24.00	30.00	23.90	8.30	11.00	8.30
High	5610	23.90	24.00	30.00	23.90	8.30	11.00	8.30

Duty Cycle CF (dB)	2.38	Included in Calculations of Corr'd PSD
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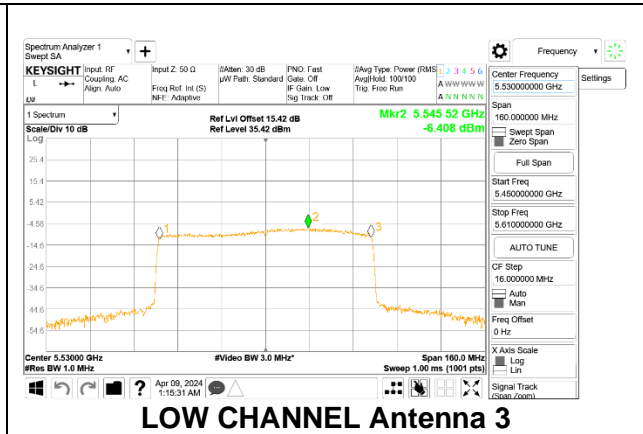
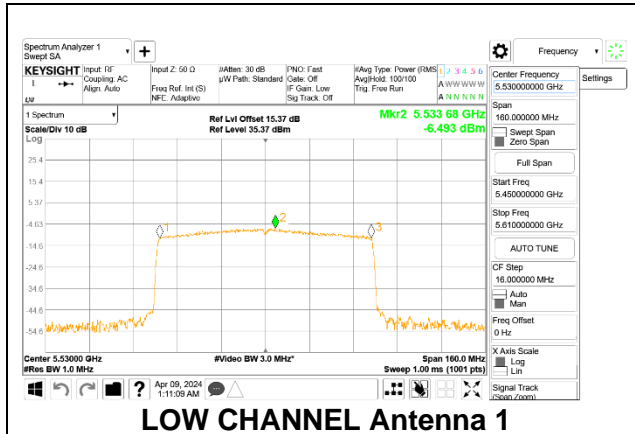
#### Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.74	11.87	14.82	23.90	-9.08
High	5610	15.48	16.55	19.06	23.90	-4.84

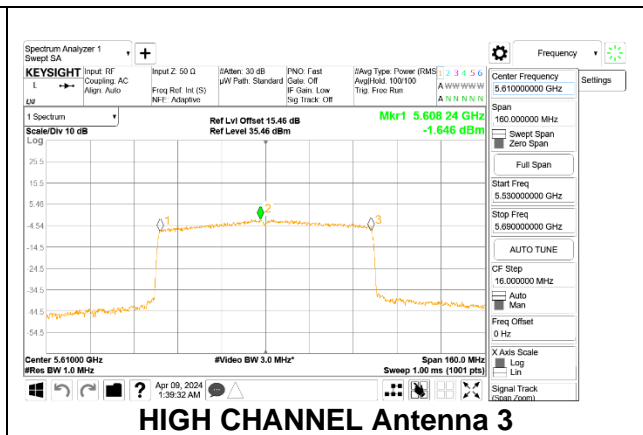
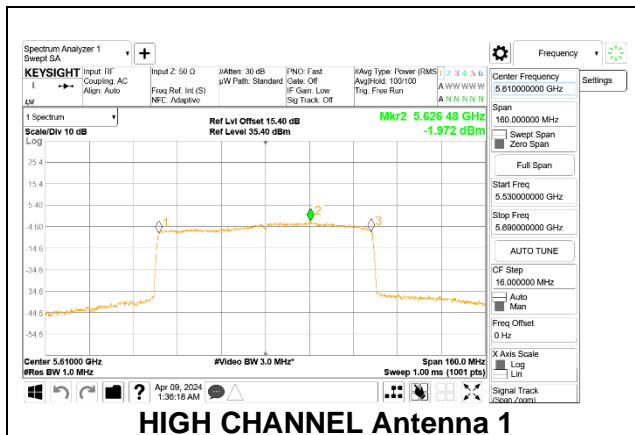
#### PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/ 1MHz)	Antenna 3 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	-6.493	-6.408	-1.060	8.30	-9.36
High	5610	-1.972	-1.646	3.584	8.30	-4.72

### LOW CHANNEL



### HIGH CHANNEL



### 9.5.10. 802.11ax HE20 MODE 2TX IN THE 5.8GHz BAND (FCC+IC)

#### 2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: 106-Tones, RU Index 53

Test Engineer:	ZS 16080
Test Date:	2024-04-03 - 2024-04-09

#### 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	5.80	8.00	30.00	28.00

Duty Cycle CF (dB)	3.78	Included in Calculations of Corr'd PSD
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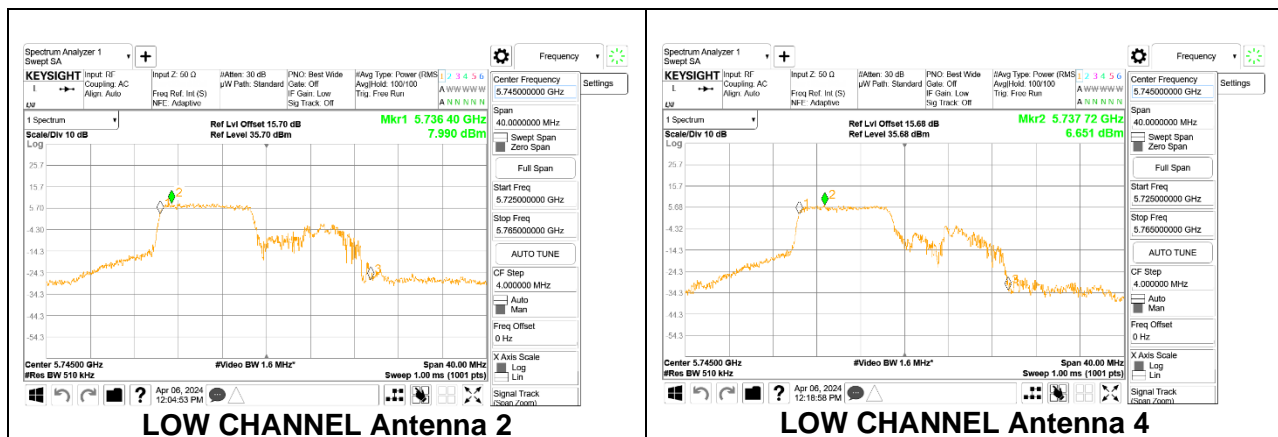
#### Output Power Results

Channel	Frequency (MHz)	Antenna 2 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	23.18	22.24	25.75	30.00	-4.25

#### PSD Results

Channel	Frequency (MHz)	Antenna 2 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	7.990	6.651	14.162	28.00	-13.84

### LOW CHANNEL



**2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: 106-Tones, RU Index 53**

Test Engineer:	ZS 16080
Test Date:	2024-04-03 - 2024-04-09

**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	5.80	8.00	30.00	28.00

Duty Cycle CF (dB)	3.78	Included in Calculations of Corr'd PSD
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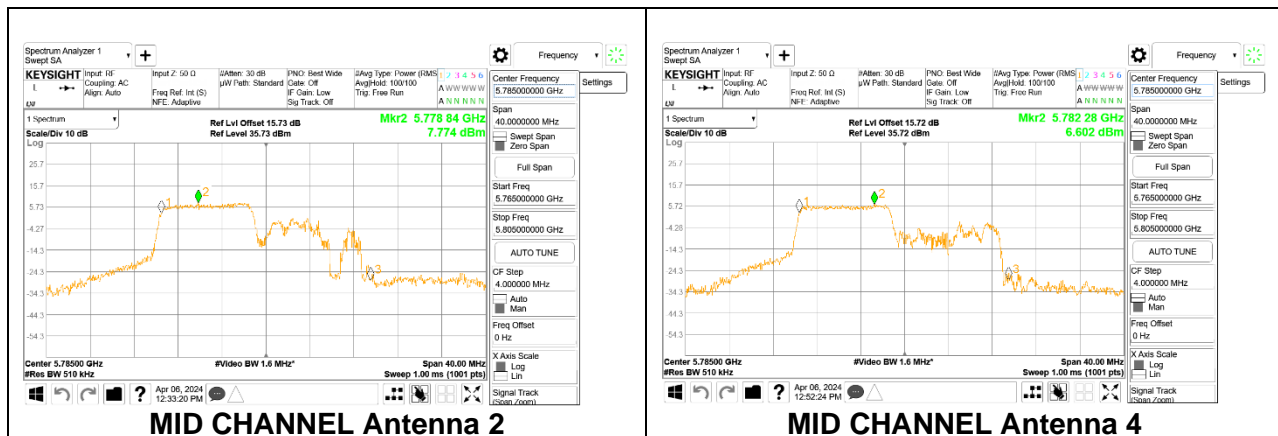
**Output Power Results**

Channel	Frequency (MHz)	Antenna 2 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5785	23.12	22.09	25.65	30.00	-4.35

**PSD Results**

Channel	Frequency (MHz)	Antenna 2 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	7.774	6.602	14.018	28.00	-13.98

**MID CHANNEL**



**2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: 106-Tones, RU Index 54**

Test Engineer:	ZS 16080
Test Date:	2024-04-03 - 2024-04-09

**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	5.80	8.00	30.00	28.00

<b>Duty Cycle CF (dB)</b>	3.78	<b>Included in Calculations of Corr'd PSD</b>
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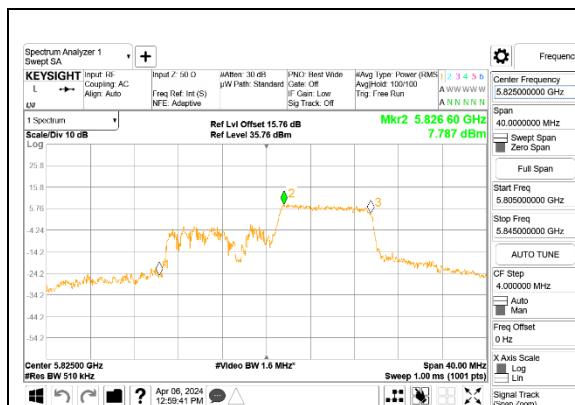
**Output Power Results**

Channel	Frequency (MHz)	Antenna 2 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
High	5825	23.39	21.95	25.74	30.00	-4.26

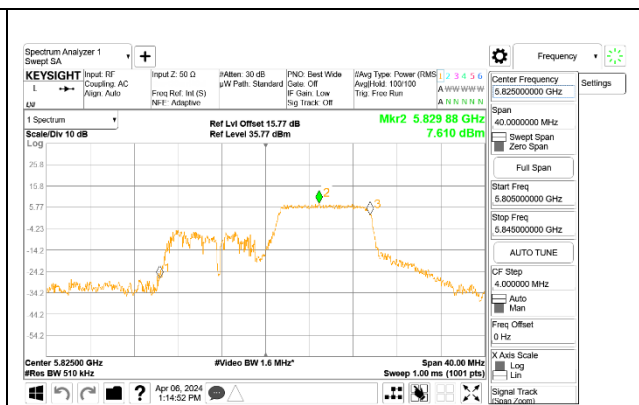
**PSD Results**

Channel	Frequency (MHz)	Antenna 2 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	7.787	7.610	14.490	28.00	-13.51

**HIGH CHANNEL**



**HIGH CHANNEL Antenna 2**



**HIGH CHANNEL Antenna 4**

**2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: 52-Tones, RU Index 37**

Test Engineer:	ZS 16080
Test Date:	2024-04-03 - 2024-04-09

**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	5.80	8.00	30.00	28.00

Duty Cycle CF (dB)	1.11	Included in Calculations of Corr'd PSD
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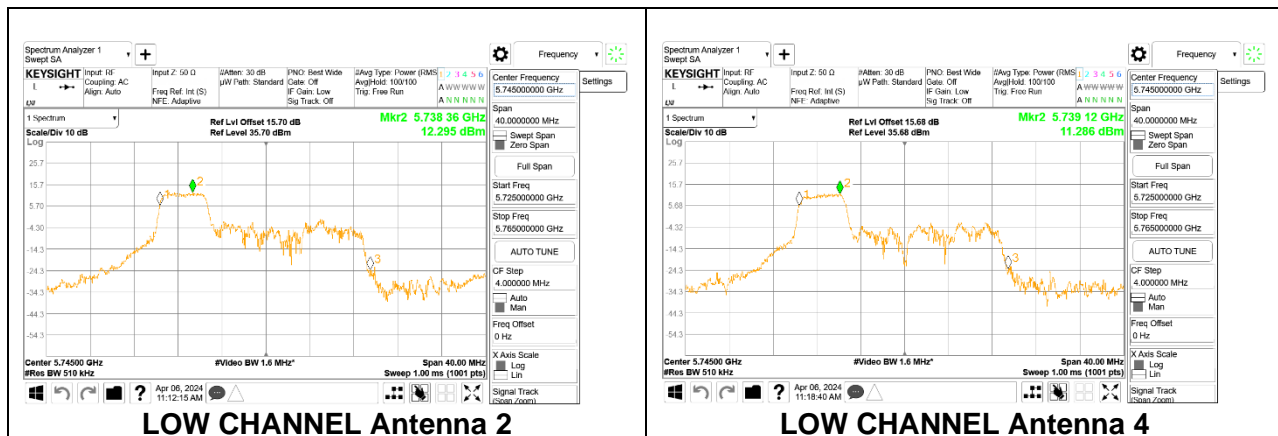
**Output Power Results**

Channel	Frequency (MHz)	Antenna 2 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	22.63	22.36	25.51	30.00	-4.49

**PSD Results**

Channel	Frequency (MHz)	Antenna 2 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	12.295	11.286	15.940	28.00	-12.06

**LOW CHANNEL**



**2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: 52-Tones, RU Index 38**

Test Engineer:	ZS 16080
Test Date:	2024-04-03 - 2024-04-09

**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	5.80	8.00	30.00	28.00

Duty Cycle CF (dB)	1.11	Included in Calculations of Corr'd PSD
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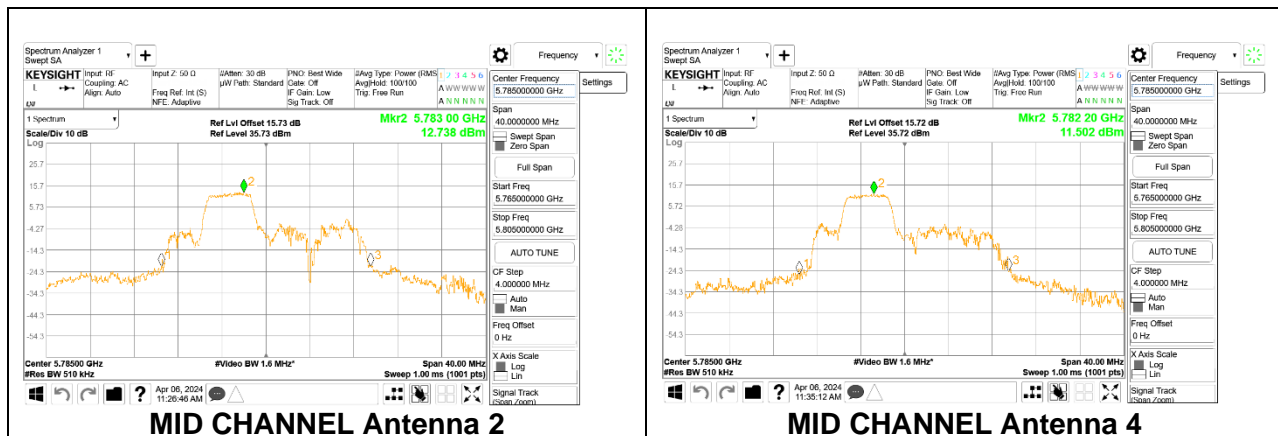
**Output Power Results**

Channel	Frequency (MHz)	Antenna 2 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5785	22.90	22.10	25.53	30.00	-4.47

**PSD Results**

Channel	Frequency (MHz)	Antenna 2 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	12.738	11.502	16.284	28.00	-11.72

**MID CHANNEL**





**2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: 52-Tones, RU Index 40**

Test Engineer:	ZS 16080
Test Date:	2024-04-03 - 2024-04-09

**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	5.80	8.00	30.00	28.00

Duty Cycle CF (dB)	1.11	Included in Calculations of Corr'd PSD
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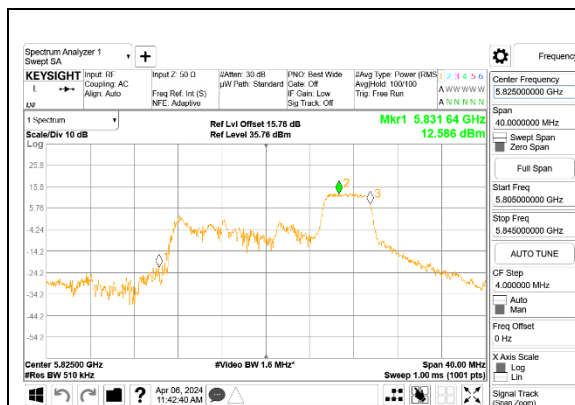
**Output Power Results**

Channel	Frequency (MHz)	Antenna 2 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
High	5825	23.05	22.05	25.59	30.00	-4.41

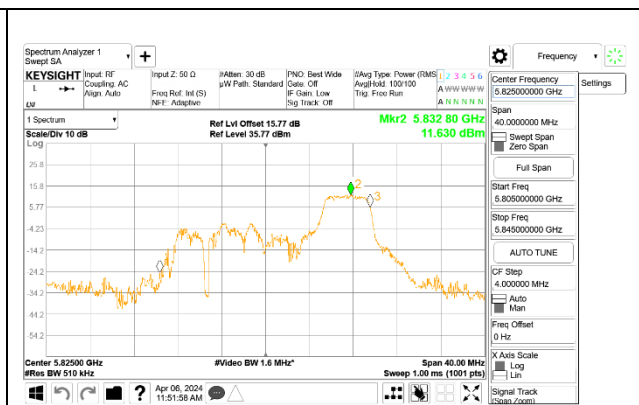
**PSD Results**

Channel	Frequency (MHz)	Antenna 2 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	12.586	11.630	16.255	28.00	-11.75

**HIGH CHANNEL**



**HIGH CHANNEL Antenna 2**



**HIGH CHANNEL Antenna 4**

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

Test Engineer:	ZS 16080
Test Date:	2024-04-03 - 2024-04-09

**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	5.80	8.00	30.00	28.00

Duty Cycle CF (dB)	3.10	Included in Calculations of Corr'd PSD
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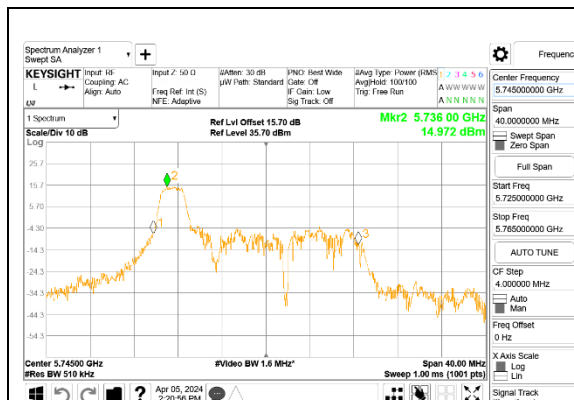
**Output Power Results**

Channel	Frequency (MHz)	Antenna 2 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	23.03	22.12	25.61	30.00	-4.39

**PSD Results**

Channel	Frequency (MHz)	Antenna 2 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	14.972	13.928	20.592	28.00	-7.41

**LOW CHANNEL**



**LOW CHANNEL Antenna 2**



**LOW CHANNEL Antenna 4**

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

Test Engineer:	ZS 16080
Test Date:	2024-04-03 - 2024-04-09

**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	5.80	8.00	30.00	28.00

Duty Cycle CF (dB)	3.10	Included in Calculations of Corr'd PSD
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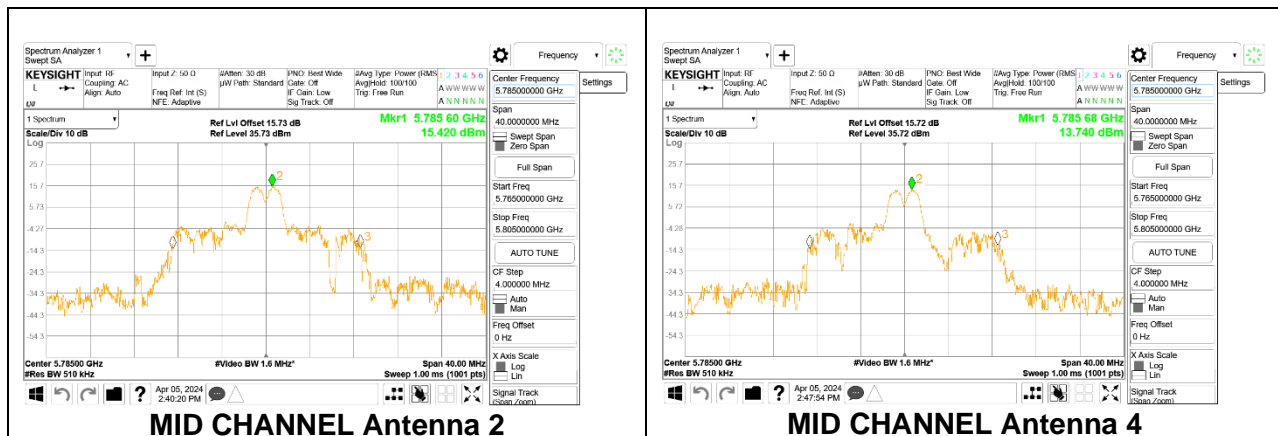
**Output Power Results**

Channel	Frequency (MHz)	Antenna 2 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5785	23.08	22.26	25.70	30.00	-4.30

**PSD Results**

Channel	Frequency (MHz)	Antenna 2 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	15.420	13.740	20.771	28.00	-7.23

**MID CHANNEL**



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

Test Engineer:	ZS 16080
Test Date:	2024-04-03 - 2024-04-09

**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	5.80	8.00	30.00	28.00

Duty Cycle CF (dB)	3.10	Included in Calculations of Corr'd PSD
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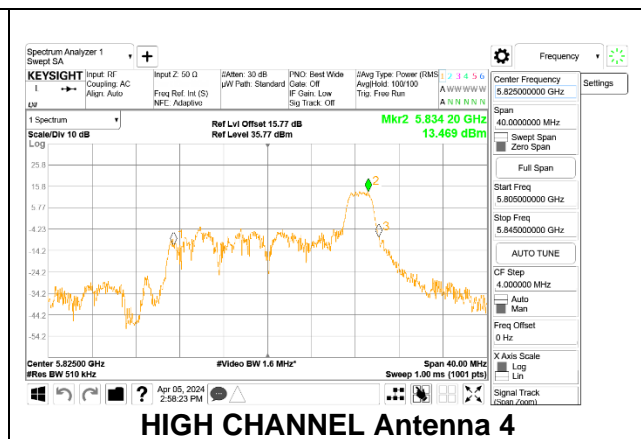
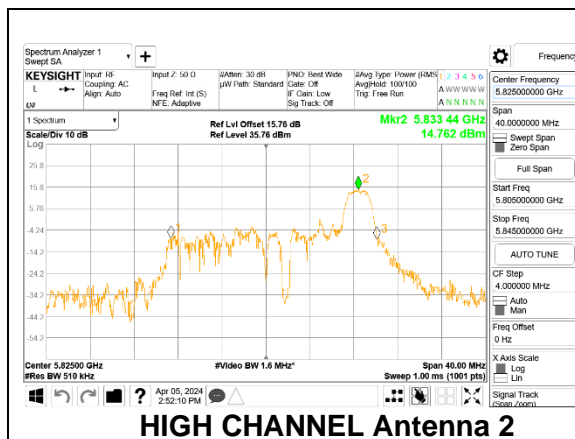
**Output Power Results**

Channel	Frequency (MHz)	Antenna 2 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
High	5825	22.76	22.09	25.45	30.00	-4.55

**PSD Results**

Channel	Frequency (MHz)	Antenna 2 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	14.762	13.469	20.274	28.00	-7.73

**HIGH CHANNEL**



**2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: SU (Single User)**

Test Engineer:	ZS 16080
Test Date:	2024-04-03 - 2024-04-09

**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	5.80	8.00	30.00	28.00
Mid	5785	5.80	8.00	30.00	28.00
High	5825	5.80	8.00	30.00	28.00

Duty Cycle CF (dB)	0.74	Included in Calculations of Corr'd PSD
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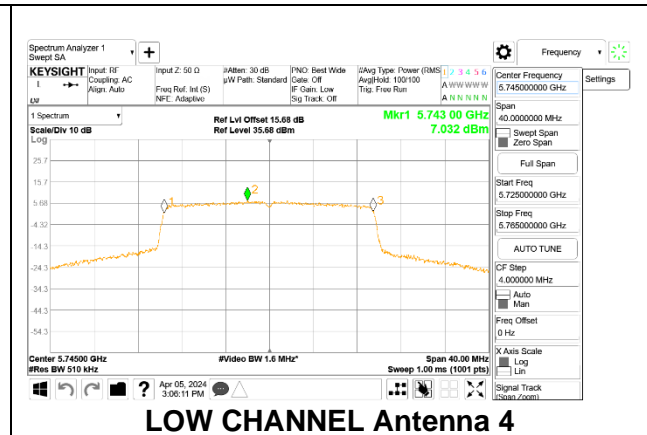
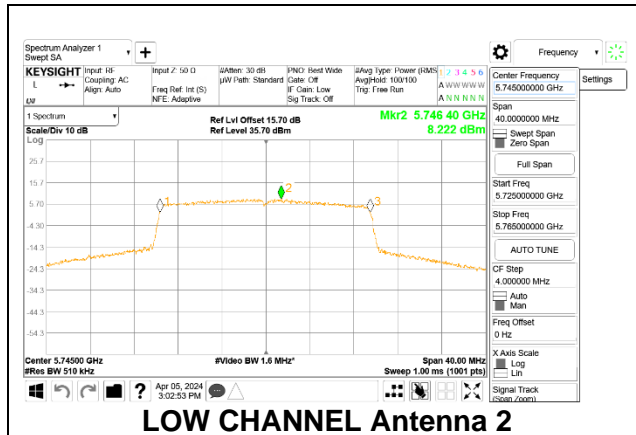
**Output Power Results**

Channel	Frequency (MHz)	Antenna 2 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	22.27	21.43	24.88	30.00	-5.12
Mid	5785	22.48	21.40	24.98	30.00	-5.02
High	5825	22.51	21.44	25.02	30.00	-4.98

**PSD Results**

Channel	Frequency (MHz)	Antenna 2 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	8.222	7.032	11.418	28.00	-16.58
Mid	5785	8.507	6.694	11.445	28.00	-16.56
High	5825	7.926	7.121	11.292	28.00	-16.71

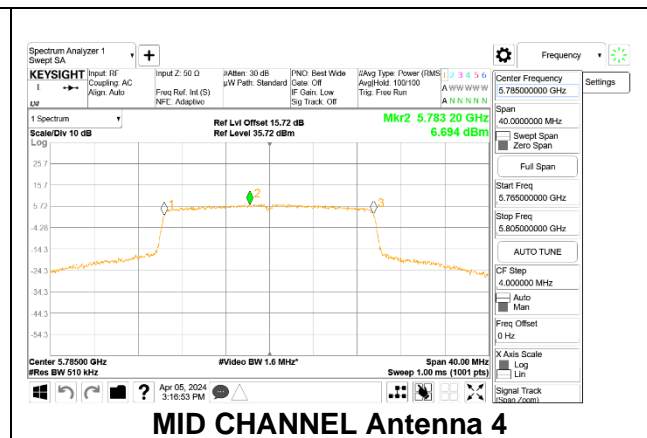
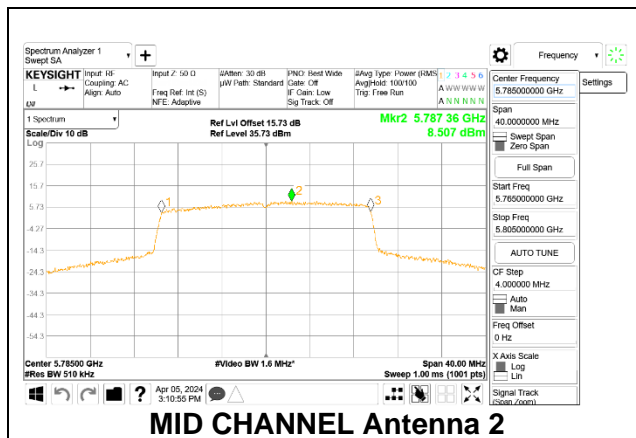
### LOW CHANNEL



LOW CHANNEL Antenna 2

LOW CHANNEL Antenna 4

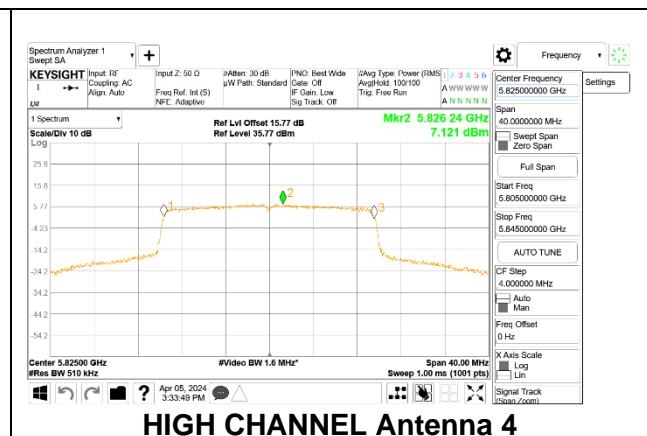
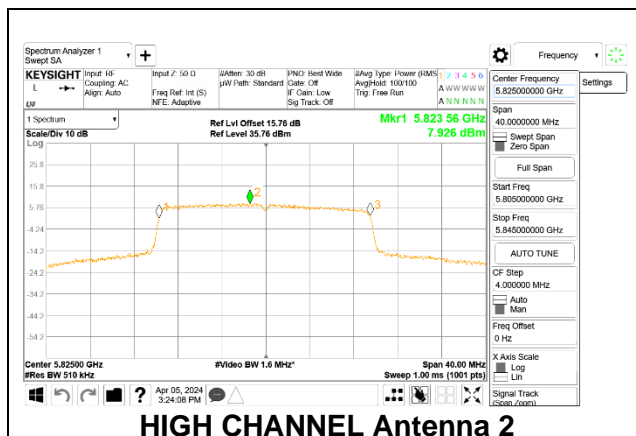
### MID CHANNEL



MID CHANNEL Antenna 2

MID CHANNEL Antenna 4

### HIGH CHANNEL



HIGH CHANNEL Antenna 2

HIGH CHANNEL Antenna 4

**9.5.11. 802.11ax HE40 MODE 2TX IN THE 5.8GHz BAND (FCC+IC)**

**2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: SU (Single User)**

<b>Test Engineer:</b>	ZS 16080
<b>Test Date:</b>	2024-04-03 - 2024-04-09

**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	5.80	8.00	30.00	28.00
High	5795	5.80	8.00	30.00	28.00

<b>Duty Cycle CF (dB)</b>	1.32	<b>Included in Calculations of Corr'd PSD</b>
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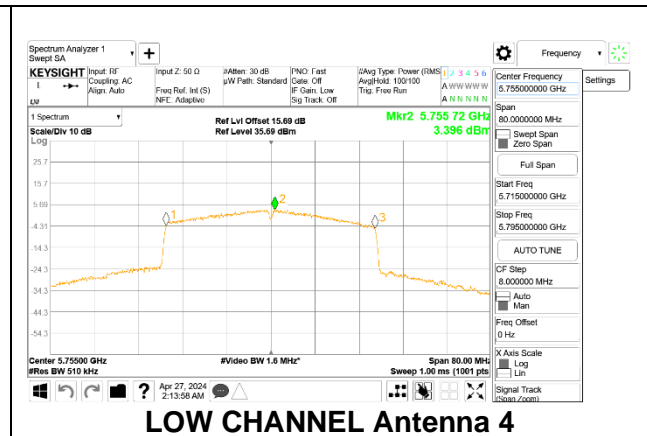
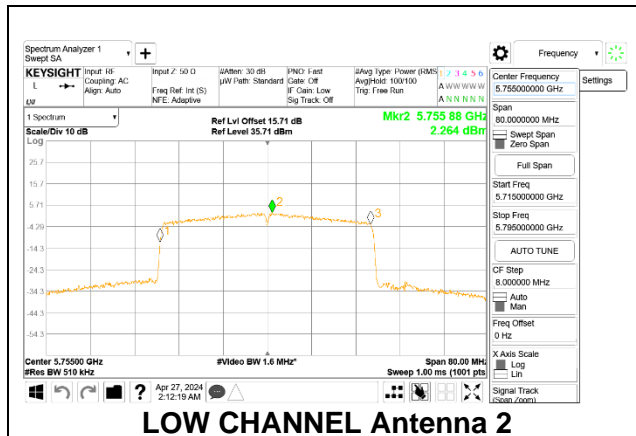
**Output Power Results**

Channel	Frequency (MHz)	Antenna 2 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	20.07	20.42	23.26	30.00	-6.74
High	5795	20.36	20.98	23.69	30.00	-6.31

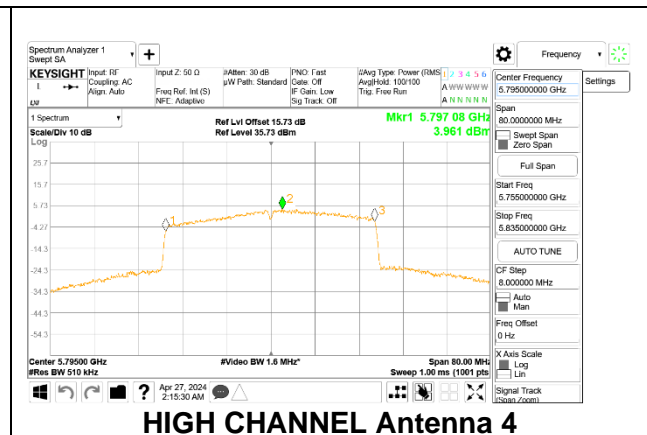
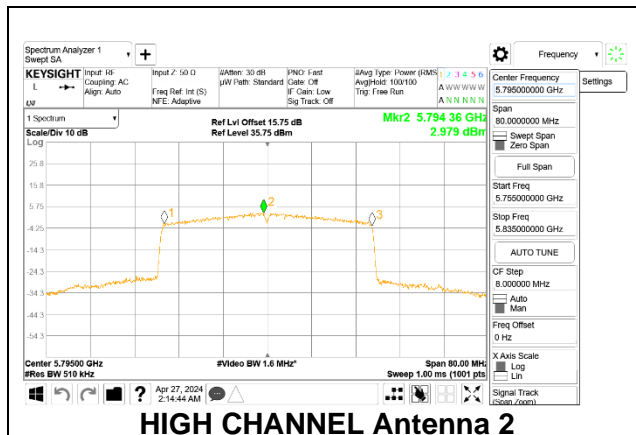
**PSD Results**

Channel	Frequency (MHz)	Antenna 2 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	2.264	3.396	7.197	28.00	-20.80
High	5795	2.979	3.961	7.828	28.00	-20.17

### LOW CHANNEL



### HIGH CHANNEL





### 9.5.12. 802.11ax HE80 MODE 2TX IN THE 5.8GHz BAND (FCC+IC)

#### 2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: SU (Single User)

Test Engineer:	ZS 16080
Test Date:	2024-04-03 - 2024-04-09

#### 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	5.80	8.00	30.00	28.00

Duty Cycle CF (dB)	2.38	Included in Calculations of Corr'd PSD
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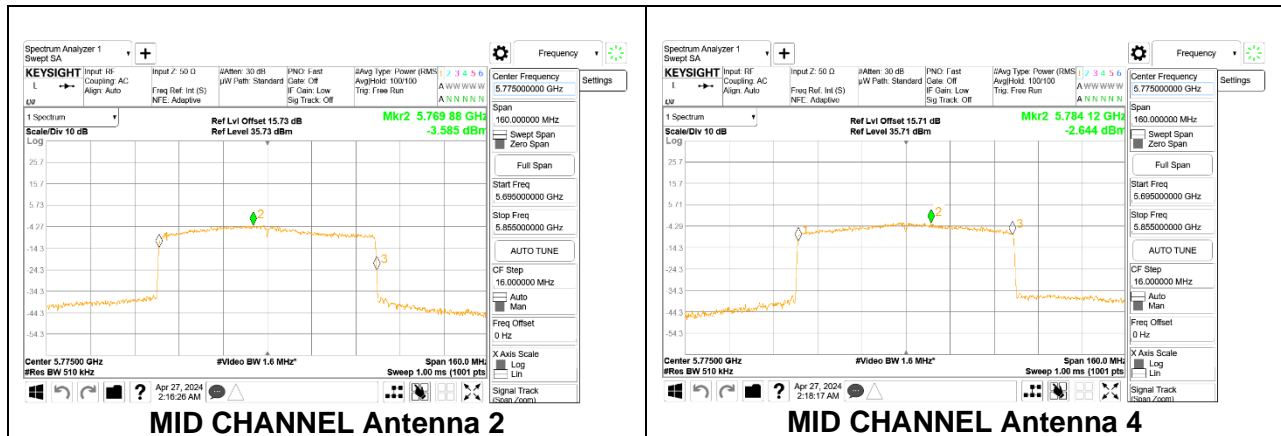
#### Output Power Results

Channel	Frequency (MHz)	Antenna 2 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	17.57	18.32	20.97	30.00	-9.03

#### PSD Results

Channel	Frequency (MHz)	Antenna 2 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	-3.585	-2.644	2.301	28.00	-25.70

### 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 3 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)

6.2.4.3 (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.

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. Blue color trace on plots: Parallel orientation. Green color trace on plots: Perpendicular orientation.

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.

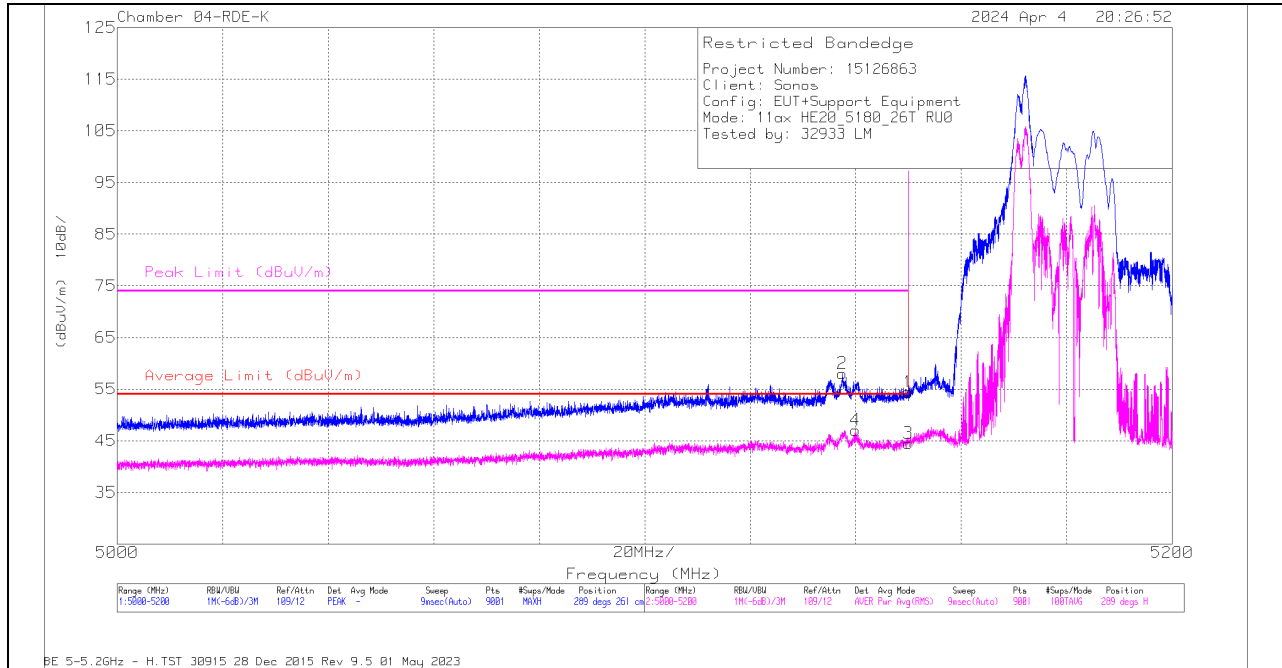
## 10.1. TRANSMITTER ABOVE 1 GHz

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

**2TX Antenna 1 + Antenna 3 OFDMA MODE: 26-Tones, RU Index 0**

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT

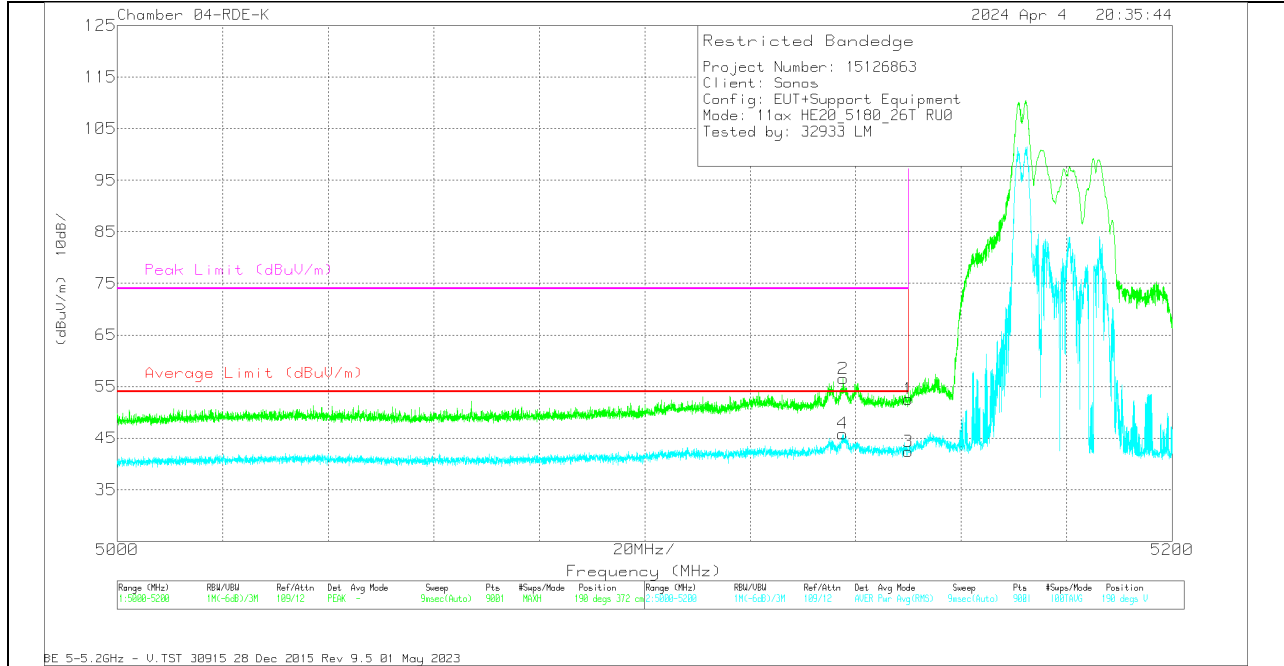


#### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dB/m) - 3mH	Amp/Cbl (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
2	* 5137.443	42.01	Pk	34.4	-18.4	0	58.01	-	-	74	-15.99	289	261	H
4	* 5139.976	27.94	RMS	34.4	-18.4	3.1	47.04	54	-6.96	-	-	289	261	H
1	* 5150	38.32	Pk	34.4	-18.3	0	54.42	-	-	74	-19.58	289	261	H
3	* 5150	25.31	RMS	34.4	-18.3	3.1	44.51	54	-9.49	-	-	289	261	H

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

**VERTICAL RESULT**



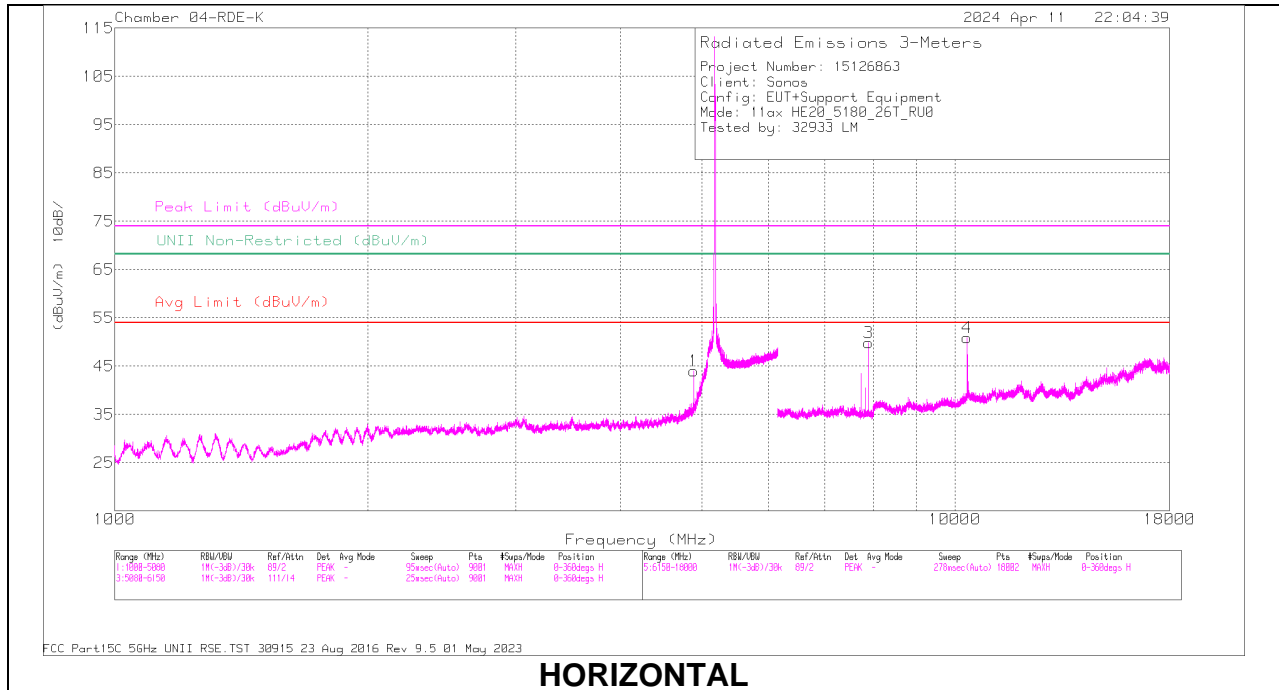
**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dB/m) - 3mH	Amp/Cbl (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
4	* 5137.51	26.77	RMS	34.4	-18.4	3.1	45.87	54	-8.13	-	-	190	372	V
2	* 5137.621	40.52	PK	34.4	-18.4	0	56.52	-	-	74	-17.48	190	372	V
1	* 5150	36.49	PK	34.4	-18.3	0	52.59	-	-	74	-21.41	190	372	V
3	* 5150	23.2	RMS	34.4	-18.3	3.1	42.4	54	-11.6	-	-	190	372	V

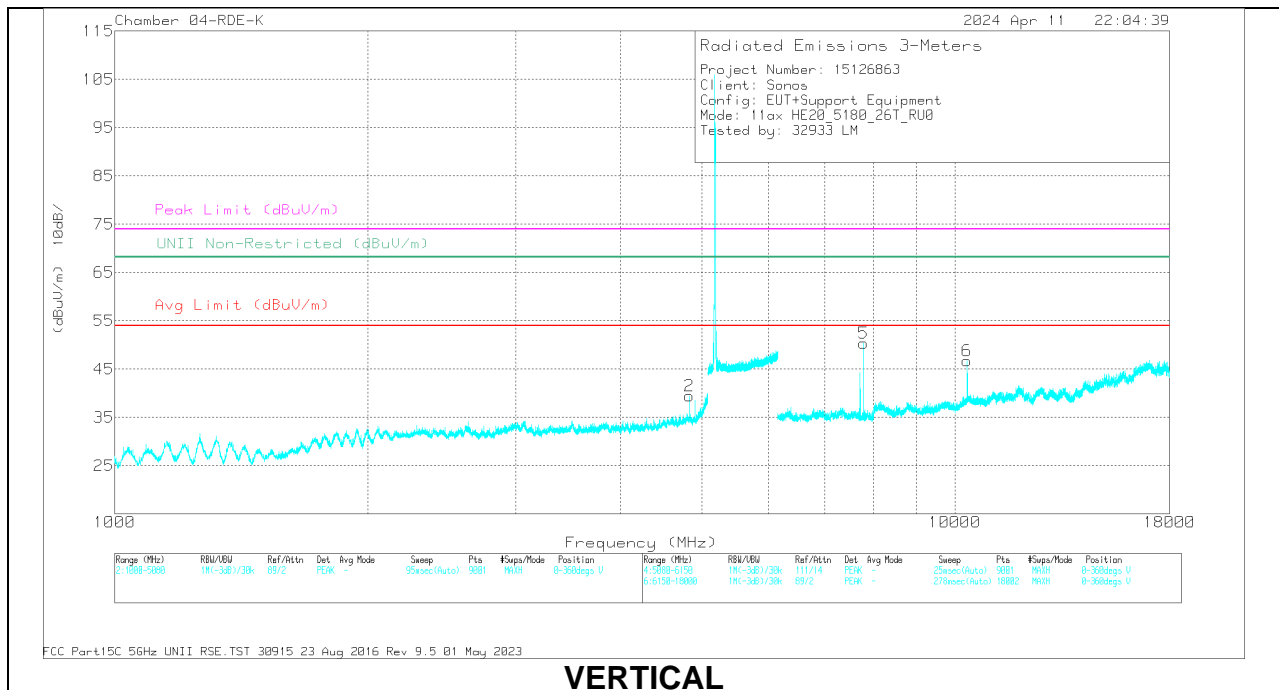
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK - Peak detector  
 RMS - RMS detection

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL



## HORIZONTAL



## VERTICAL

**RADIATED EMISSIONS**

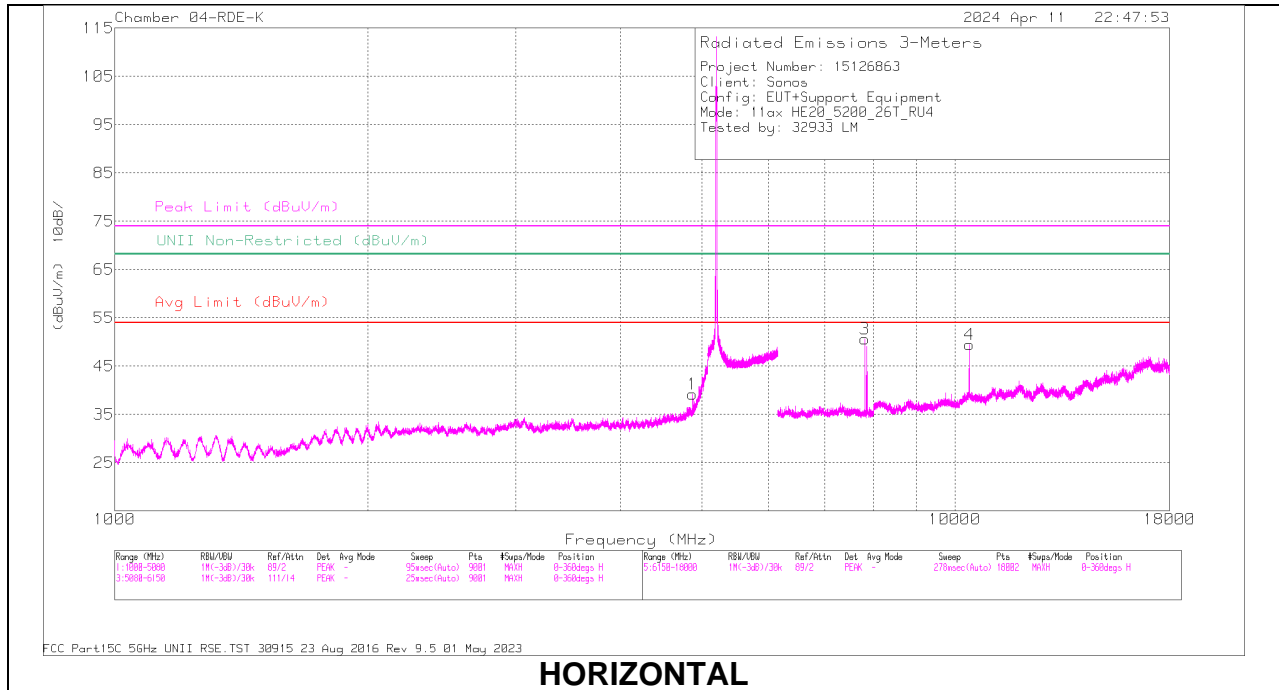
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dB/m) - 3mH	Amp/Cbl/Filtr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4888.975	54.06	PK-U	34.4	-40.1	0	48.36	-	-	74	-25.64	-	-	316	242	H
	* 4887.575	40.2	ADR	34.4	-40.1	3.1	37.6	54	-16.4	-	-	-	-	316	242	H
2	* 4826.094	51.92	PK-U	34.9	-40.6	0	46.22	-	-	74	-27.78	-	-	51	206	V
	* 4826.532	39.38	ADR	34.9	-40.5	3.1	36.88	54	-17.12	-	-	-	-	51	206	V
3	* 7891.703	53.44	PK-U	35.8	-38.2	0	51.04	-	-	-	-	68.2	-17.16	285	374	H
4	* 10342.303	59.62	PK-U	37.6	-37.6	0	59.62	-	-	-	-	68.2	-8.88	34	328	V
5	* 7788.839	48.67	PK-U	35.9	-38.5	0	46.07	-	-	-	-	68.2	-22.13	130	302	V
6	* 10342.453	67.58	PK-U	37.6	-37.6	0	67.58	-	-	-	-	68.2	-62	41	103	H

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

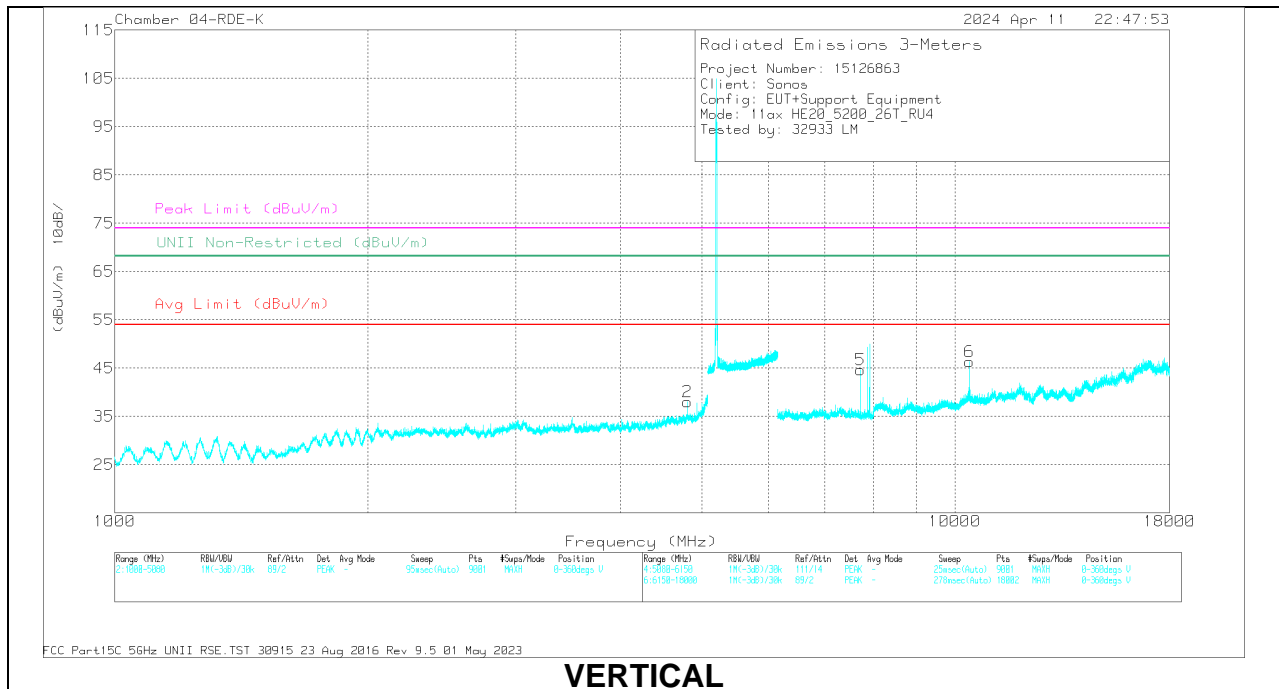
**2TX Antenna 1 + Antenna 3 OFDMA MODE: 26-Tones, RU Index 4**

**HARMONICS AND SPURIOUS EMISSIONS**

**MID CHANNEL**



**HORIZONTAL**



**VERTICAL**



**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dB/m) - 3mH	Amp/Cbl/Filtr (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	* 4868.074	54.94	PK-U	34.5	-40.3	0	49.14	-	-	74	-24.86	-	-	291	226	H
	* 4868.277	39.94	ADR	34.5	-40.3	3.1	37.24	54	-16.76	-	-	-	-	291	226	H
2	* 4802.309	51.44	PK-U	34.9	-40.9	0	45.44	-	-	74	-28.56	-	-	15	198	V
	* 4803.415	39.72	ADR	34.9	-40.9	3.1	36.82	54	-17.18	-	-	-	-	15	198	V
3	* 7814.876	51.96	PK-U	36	-38.3	0	49.68	-	-	-	-	68.2	-18.52	315	316	H
4	* 10400.044	58.04	PK-U	37.6	-37.5	0	58.14	-	-	-	-	68.2	-10.06	350	196	V
5	* 7721.727	49.51	PK-U	35.9	-38.6	0	46.81	-	-	74	-27.19	-	-	20	352	V
	* 7720.872	36.57	ADR	35.8	-38.6	3.1	36.87	54	-17.13	-	-	-	-	20	352	V
6	* 10400.175	65.36	PK-U	37.7	-37.5	0	65.56	-	-	-	-	68.2	-2.64	242	201	H

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

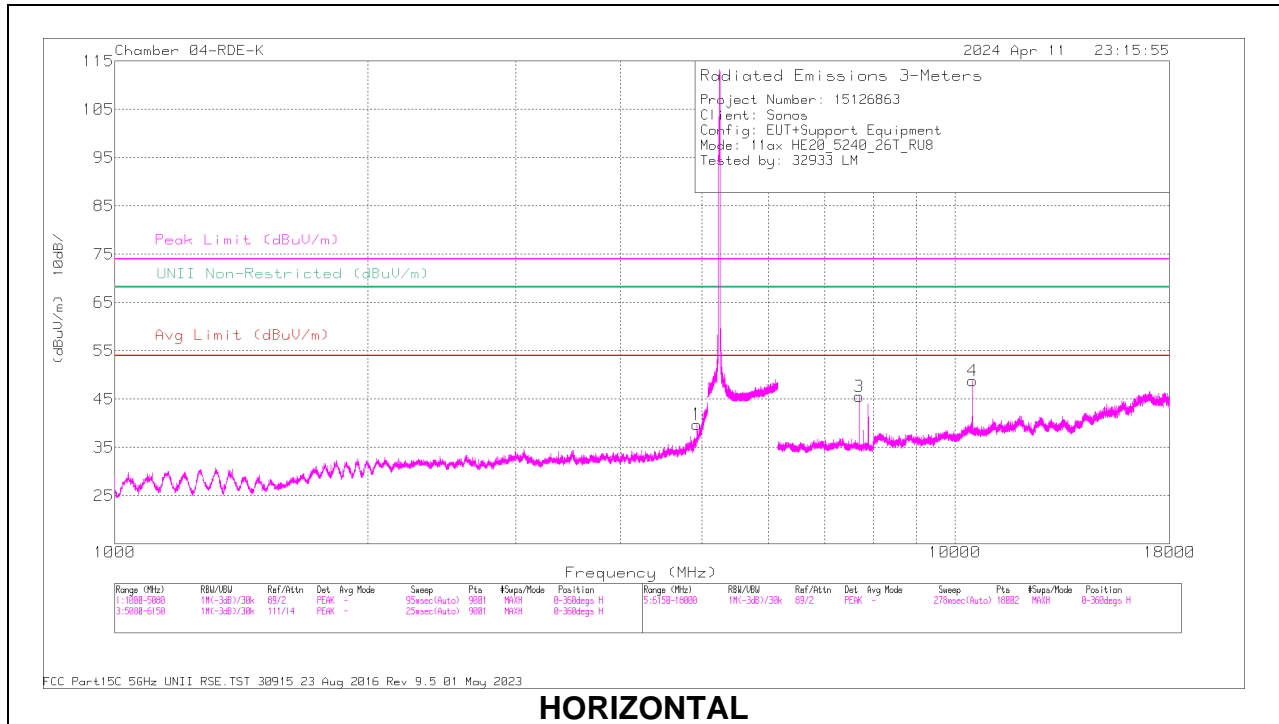
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

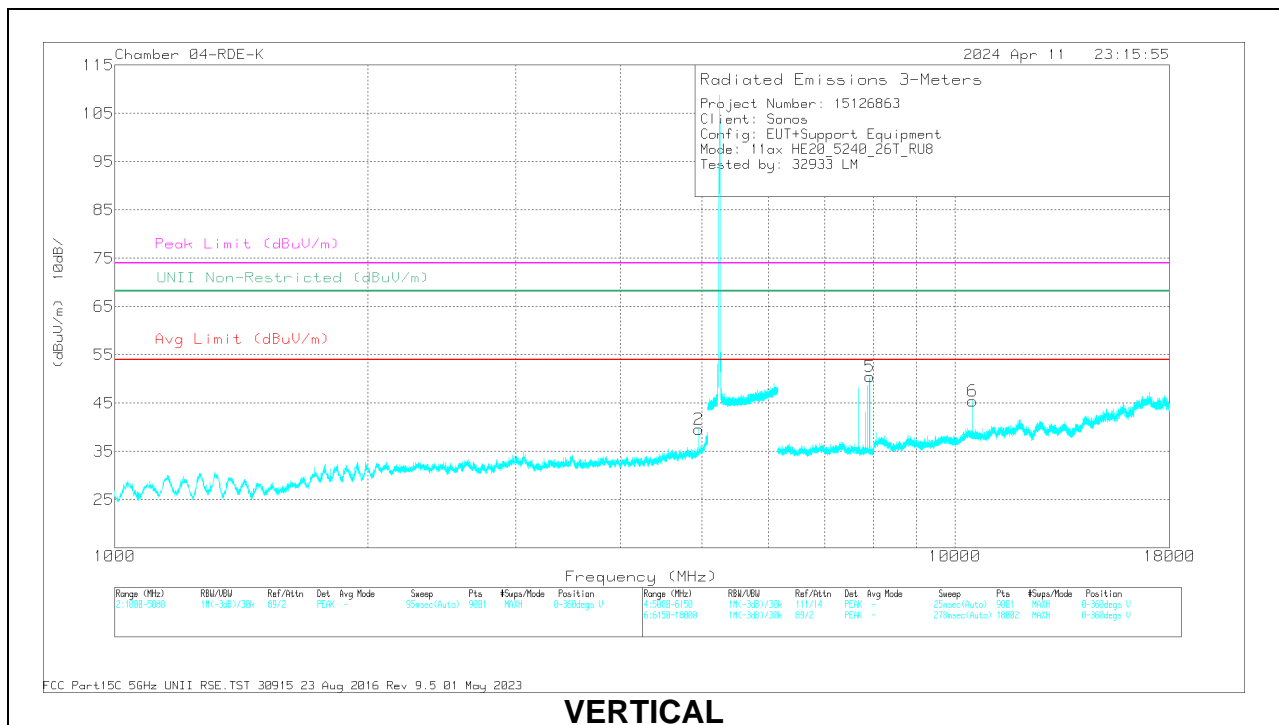
**2TX Antenna 1 + Antenna 3 OFDMA MODE: 26-Tones, RU Index 8**

**HARMONICS AND SPURIOUS EMISSIONS**

**HIGH CHANNEL**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dB/m) - 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	* 4928.007	55.85	PK-U	34.3	-40	0	50.15	-	-	74	-23.85	-	-	295	336	H
	* 4929.269	41.25	ADR	34.2	-40	3.1	38.55	54	-15.45	-	-	-	-	295	336	H
2	* 4951.928	51.18	PK-U	34.2	-39.7	0	45.68	-	-	74	-28.32	-	-	57	242	V
	* 4951.674	39.33	ADR	34.1	-39.7	3.1	36.83	54	-17.17	-	-	-	-	57	242	V
3	* 7689.907	49.84	PK-U	35.8	-38.6	0	46.04	-	-	74	-27.96	-	-	107	311	H
	* 7692.327	36.52	ADR	35.8	-38.6	3.1	36.82	54	-17.18	-	-	-	-	107	311	H
4	10496.834	64.48	PK-U	37.6	-37.7	0	64.38	-	-	-	-	68.2	-3.82	201	119	H
5	7923.486	53.49	PK-U	35.7	-38.3	0	50.89	-	-	-	-	68.2	-17.31	126	235	V
6	10496.611	59.22	PK-U	37.7	-37.7	0	59.22	-	-	-	-	68.2	-8.98	241	104	V

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

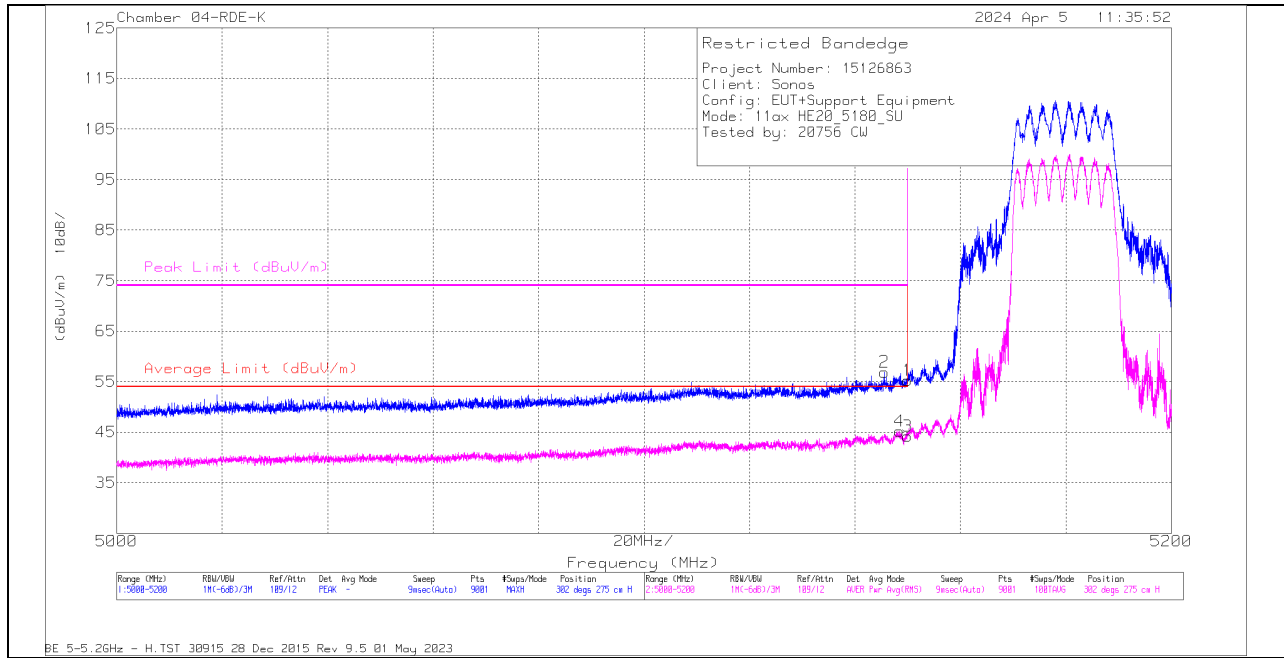
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**2TX Antenna 1 + Antenna 3 OFDMA MODE: SU, Single User**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**

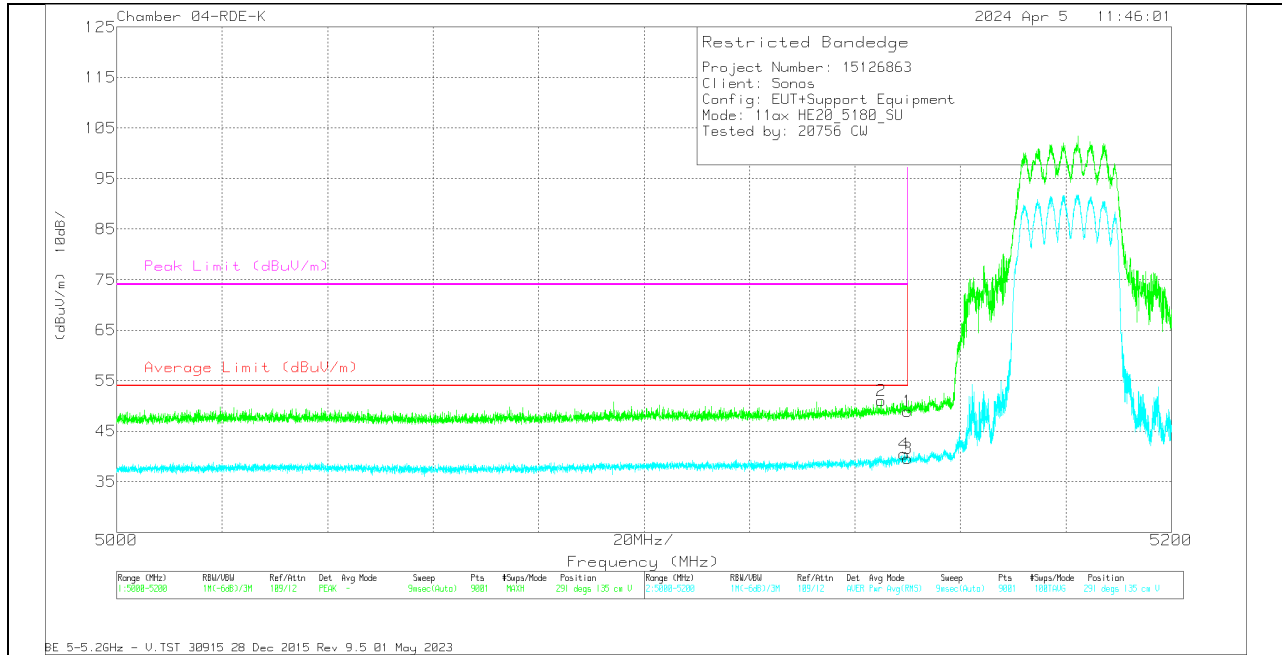


**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dB/m) - 3mH	Amp/Cbl (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
2	5145.576	40.93	Pk	34.4	-18.4	0	56.93	-	-	74	-17.07	302	275	H
4	5148.421	28.26	RMS	34.5	-18.3	.74	45.2	54	-8.8	-	-	302	275	H
1	5150	39.1	Pk	34.4	-18.3	0	55.2	-	-	74	-18.8	302	275	H
3	5150	27.39	RMS	34.4	-18.3	.74	44.23	54	-9.77	-	-	302	275	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	80404_ACF(dB/m) - 3mH	Amp/Cbl (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
2	5144.932	35.07	Pk	34.4	-18.4	0	51.07	-	-	74	-22.93	291	135	V
4	5149.31	23.67	RMS	34.4	-18.3	.74	40.51	54	-13.49	-	-	291	135	V
1	5150	32.77	Pk	34.4	-18.3	0	48.87	-	-	74	-25.13	291	135	V
3	5150	22.77	RMS	34.4	-18.3	.74	39.61	54	-14.39	-	-	291	135	V

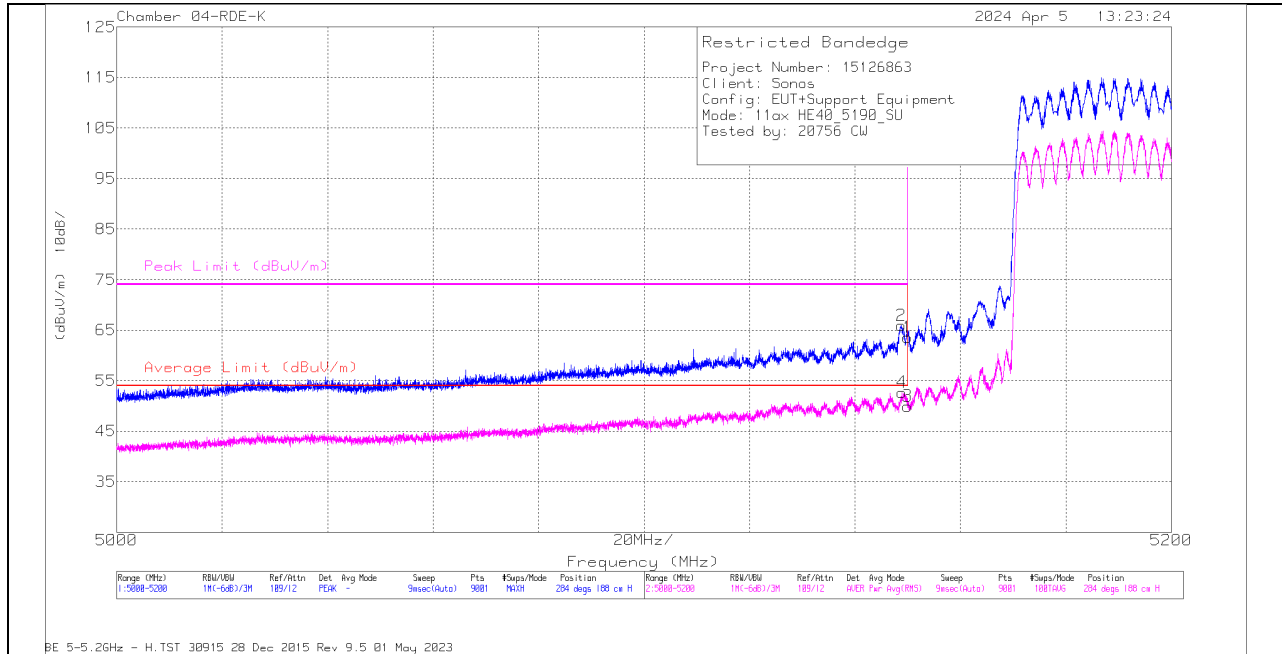
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

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

#### 2TX Antenna 1 + Antenna 3 OFDMA MODE: SU, Single User

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



#### Trace Markers

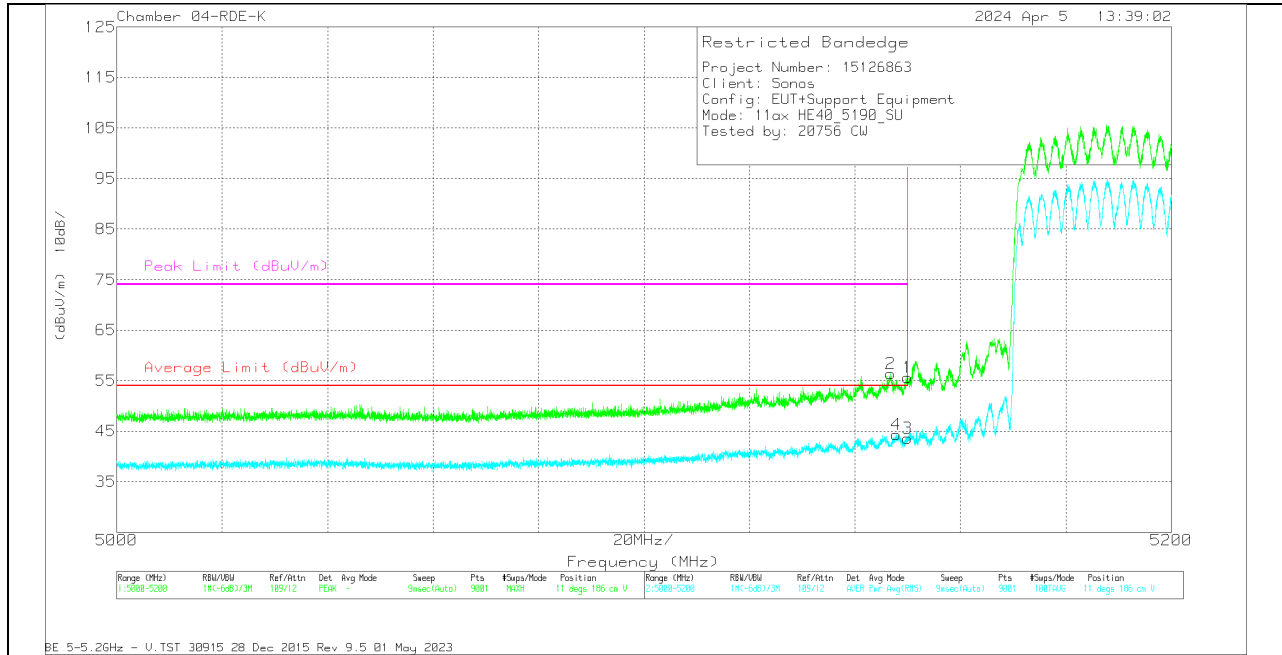
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dB/m) - 3mH	Amp/Cbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5148.732	49.7	Pk	34.5	-18.3	0	65.9	-	-	74	-8.1	284	188	H
4	5148.91	35.19	RMS	34.5	-18.3	1.32	52.71	54	-1.29	-	-	284	188	H
1	5150	47.5	Pk	34.4	-18.3	0	63.6	-	-	74	-10.4	284	188	H
3	5150	32.56	RMS	34.4	-18.3	1.32	49.98	54	-4.02	-	-	284	188	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	90404 ACF(dB/m) - 3mH	Amp/Cbl (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
2	5146.799	40.41	PK	34.3	-18.3	0	56.41	-	-	74	-17.59	11	186	V
4	5147.843	26.93	RMS	34.4	-18.3	1.32	44.35	54	-9.65	-	-	11	186	V
1	5150	39.56	PK	34.4	-18.3	0	55.66	-	-	74	-18.34	11	186	V
3	5150	26.18	RMS	34.4	-18.3	1.32	43.6	54	-10.4	-	-	11	186	V

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

Pk - Peak detector

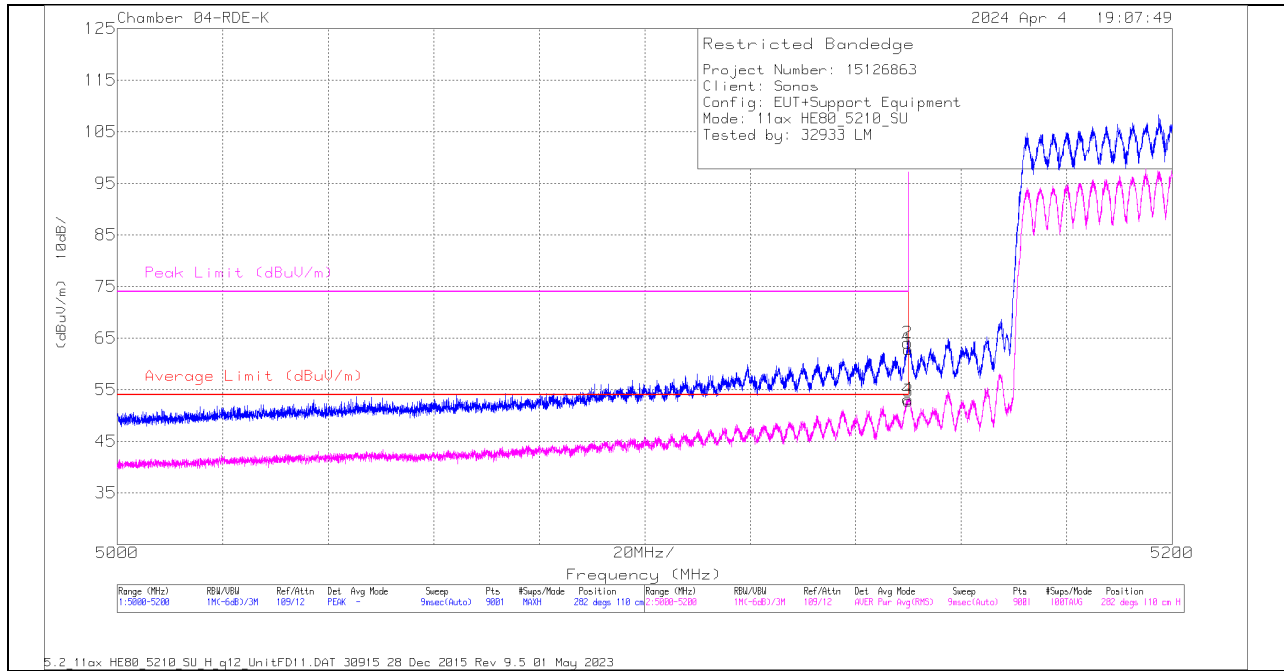
RMS - RMS detection

### 10.1.3. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.2GHz BAND

#### 2TX Antenna 1 + Antenna 3 OFDMA MODE: SU, Single User

#### BANDEDGE (MID CHANNEL)

#### HORIZONTAL RESULT

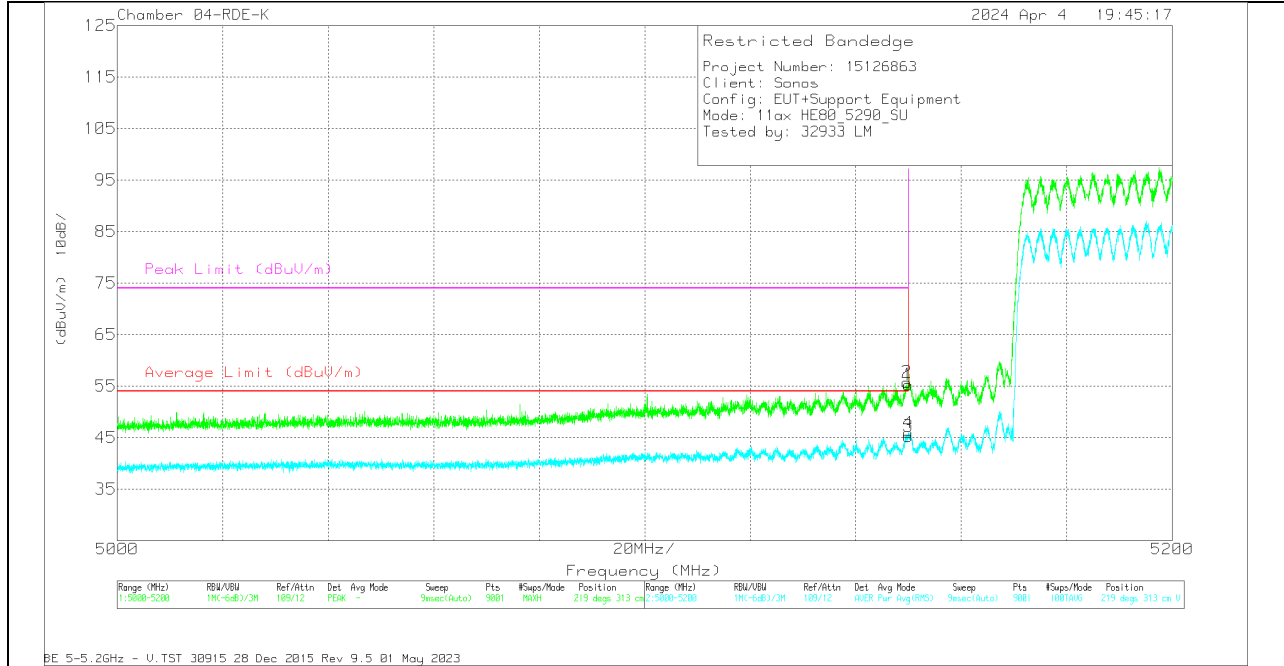


#### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dB/m) - 3mH	Amp/Cbl (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	46.7	Pk	34.4	-18.3	0	62.8	-	-	74	-11.2	282	110	H
2	* 5149.865	46	Pk	34.4	-18.3	0	64.1	-	-	74	-9.9	282	110	H
3	* 5150	34.37	RMS	34.4	-18.3	2.38	52.85	54	-1.15	-	-	282	110	H
4	* 5149.91	34.72	RMS	34.4	-18.3	2.38	53.2	54	-8	-	-	282	110	H



**VERTICAL RESULT**



**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dB/m) - 3mH	Amp/Cbl (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	39.2	Pk	34.4	-18.3	0	55.3	-	-	74	-18.7	219	313	V
2	* 5149.71	39.68	Pk	34.4	-18.3	0	55.78	-	-	74	-18.22	219	313	V
3	* 5150	26.81	RMS	34.4	-18.3	2.38	45.29	54	-8.71	-	-	219	313	V
4	* 5149.954	27.47	RMS	34.4	-18.3	2.38	45.95	54	-8.05	-	-	219	313	V

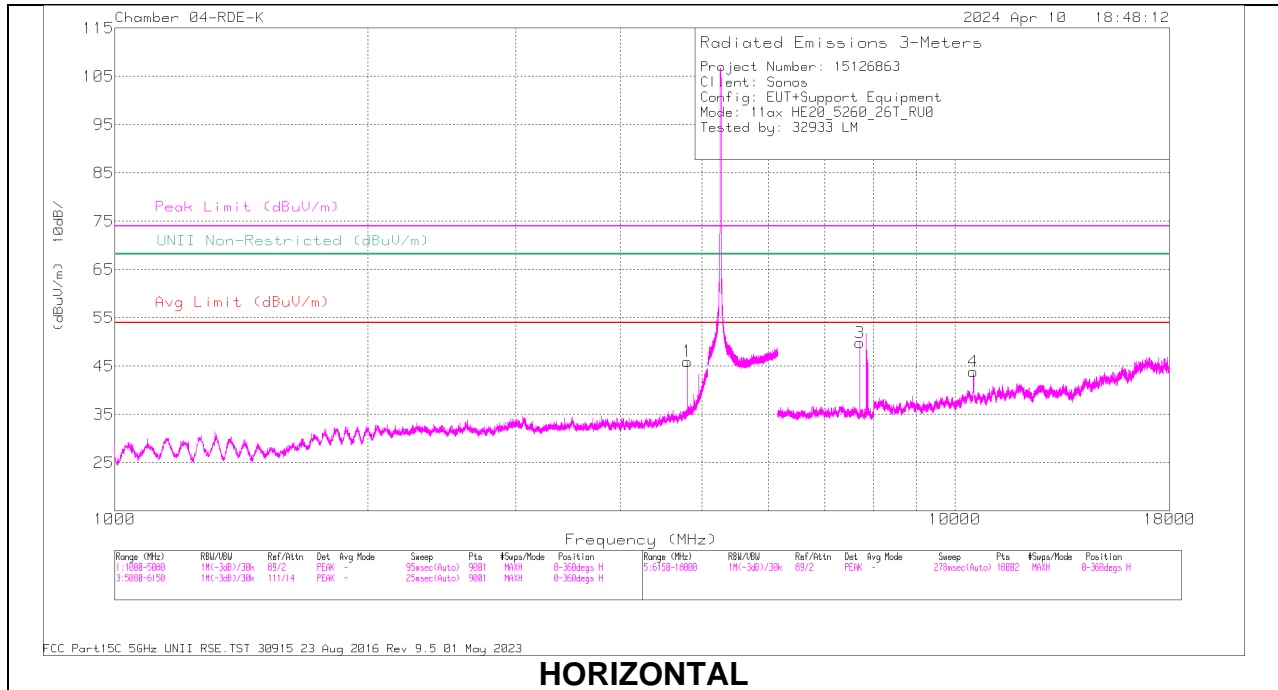
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

### 10.1.4. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.3GHz BAND

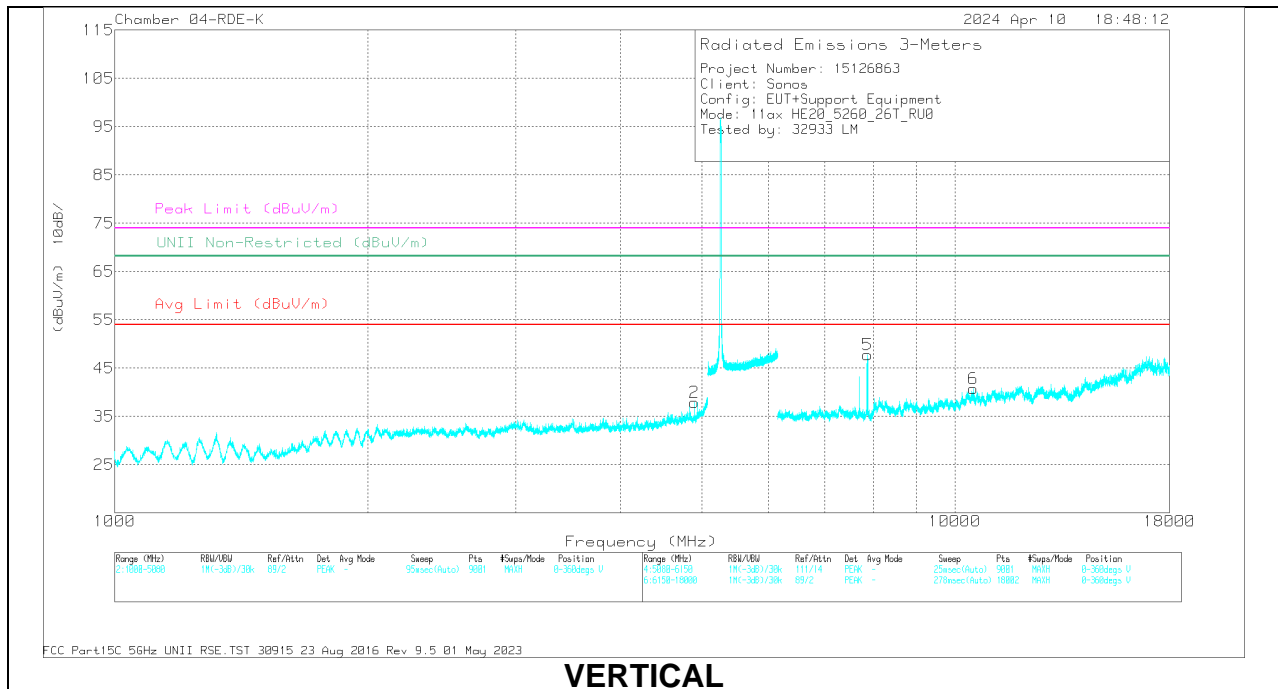
#### 2TX Antenna 1 + Antenna 3 OFDMA MODE: 26-Tones, RU Index 0

#### HARMONICS AND SPURIOUS EMISSIONS

##### LOW CHANNEL



##### HORIZONTAL



##### VERTICAL

**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dB/m) - 3mH	Amp/Cbl/Filtr (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	* 4806.177	53.42	PK-U	34.9	-40.9	0	47.42	-	-	74	-26.58	-	-	306	272	H
	* 4805.868	40.16	ADR	34.8	-40.9	3.1	37.16	54	-16.84	-	-	-	-	306	272	H
2	* 4896.425	52.39	PK-U	34.4	-40.1	0	46.69	-	-	74	-27.31	-	-	49	196	V
	* 4896.838	39.27	ADR	34.5	-40.1	3.1	36.77	54	-17.23	-	-	-	-	49	196	V
3	* 7702.442	54.06	PK-U	36	-38.5	0	51.56	-	-	74	-22.44	-	-	205	201	H
	* 7703.089	36.46	ADR	36	-38.5	3.1	37.06	54	-16.94	-	-	-	-	205	201	H
4	10516.786	57.15	PK-U	37.8	-37.6	0	57.35	-	-	-	-	68.2	-10.85	198	115	H
5	7874.678	51.24	PK-U	36	-38	0	49.24	-	-	-	-	68.2	-18.96	281	391	V
6	10515.858	54.68	PK-U	37.7	-37.6	0	54.78	-	-	-	-	68.2	-13.42	244	103	V

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

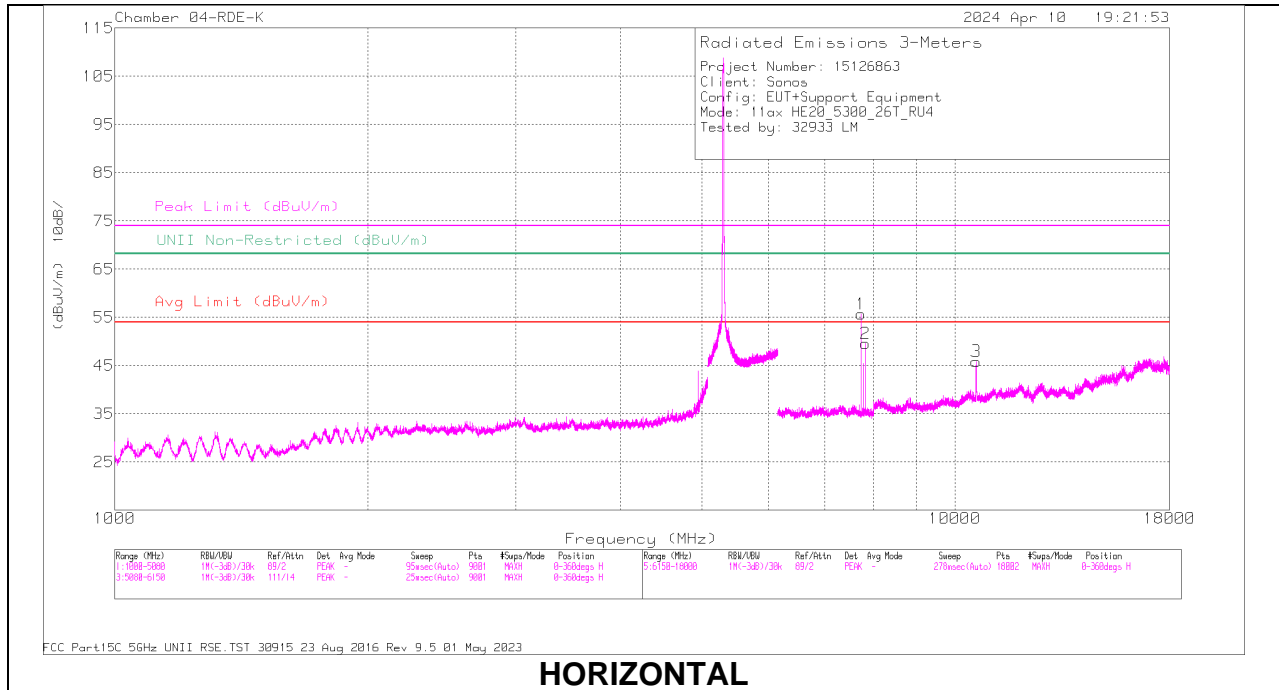
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

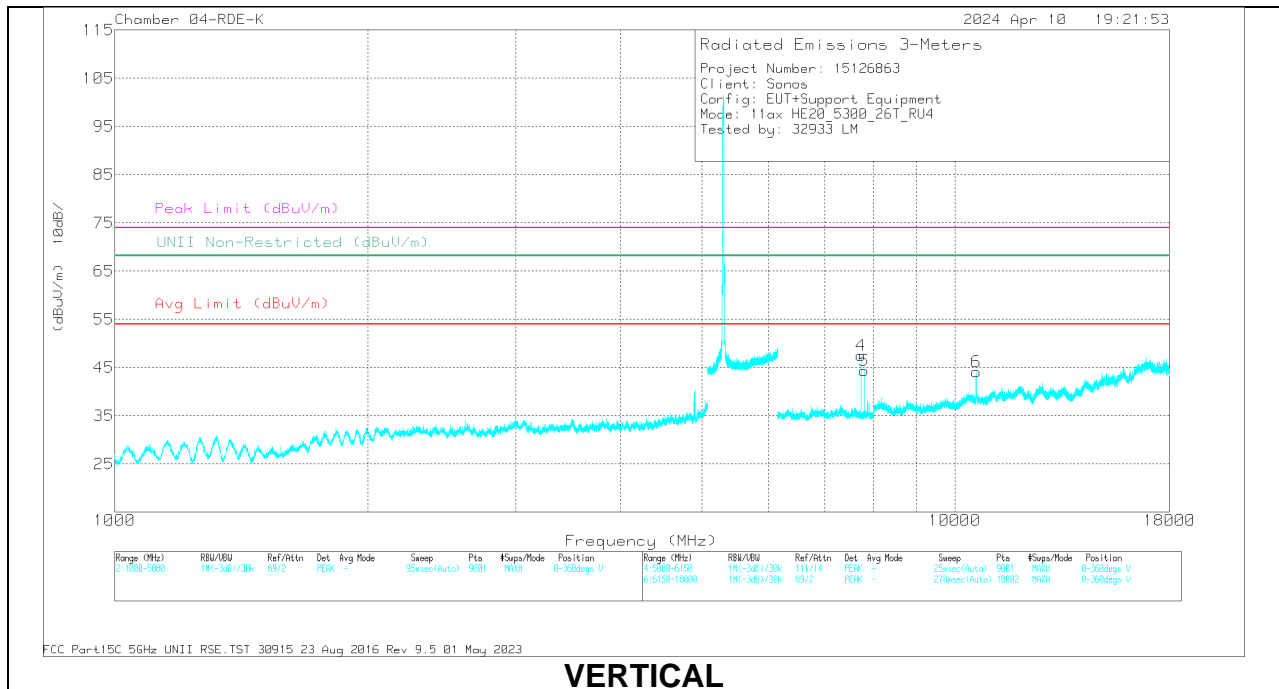
**2TX Antenna 1 + Antenna 3 OFDMA MODE: 26-Tones, RU Index 4**

**HARMONICS AND SPURIOUS EMISSIONS**

**MID CHANNEL**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dB/m) - 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	LNI/ Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7734.787	49.45	PK-U	35.9	-38.6	0	47.75	-	-	74	-26.24	-	-	0	167	H
	* 7733.489	36.33	ADR	35.9	-38.6	3.1	36.73	54	-17.27	-	-	-	-	0	167	H
2	10597.893	55.77	PK-U	37.9	-37.7	0	55.97	-	-	-	-	68.2	-12.23	31	102	H
3	10598.677	55.02	PK-U	37.8	-37.7	0	55.12	-	-	-	-	68.2	-13.08	239	101	V
4	* 7734.903	49.84	PK-U	35.9	-38.6	0	49.14	-	-	74	-25.86	-	-	231	378	V
	* 7734.091	36.47	ADR	35.9	-38.6	3.1	36.87	54	-17.13	-	-	-	-	231	378	V
5	7827.783	49.42	PK-U	35.7	-38.2	0	46.92	-	-	-	-	68.2	-21.28	317	185	H
6	7802.095	53.43	PK-U	36.1	-38.4	0	51.13	-	-	-	-	68.2	-17.07	188	183	V

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

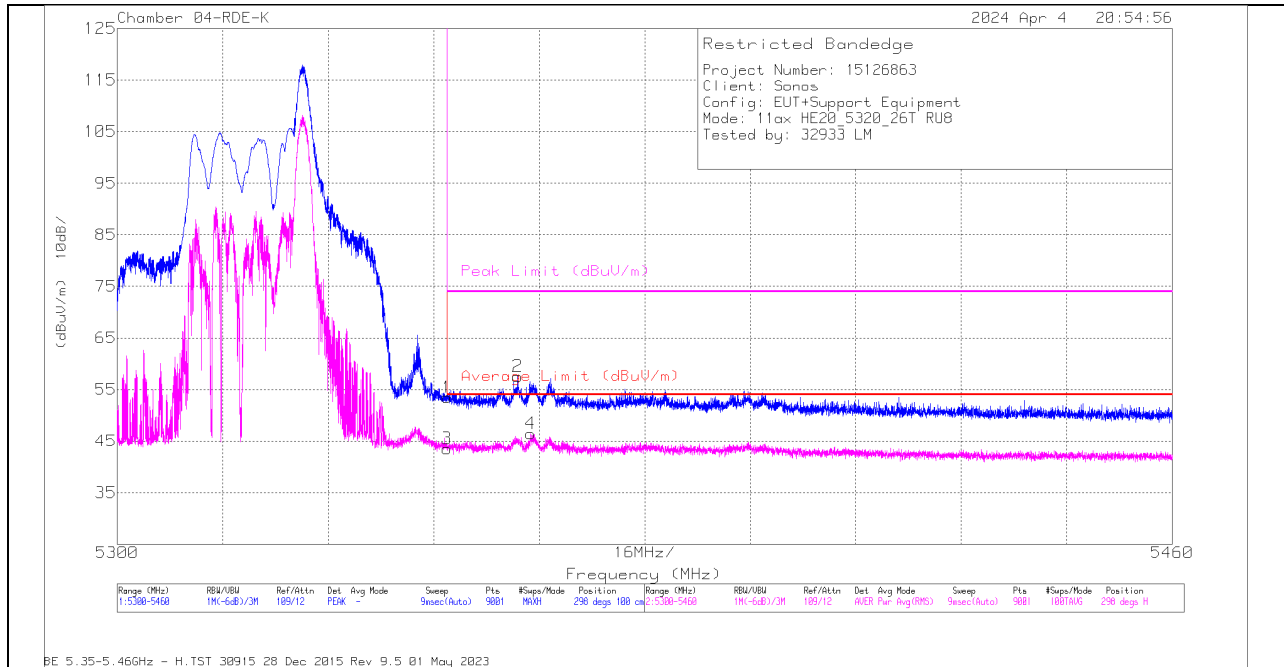
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**2TX Antenna 1 + Antenna 3 OFDMA MODE: 26-Tones, RU Index 8**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



**Trace Markers**

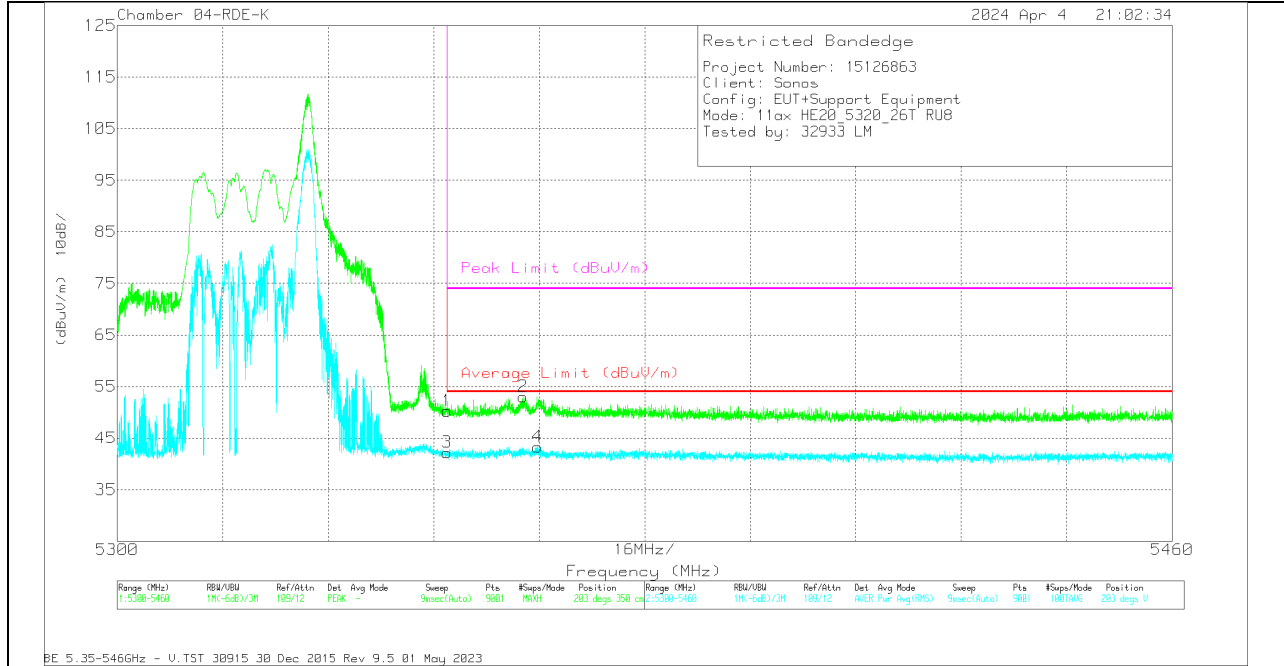
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dB/m) - 3mH	Amp/Cbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5350	36.76	Pk	34.6	-17.9	0	53.46	-	-	74	-20.54	298	100	H
2	* 5360.73	40.95	Pk	34.5	-17.9	0	57.55	-	-	74	-16.45	298	100	H
3	* 5350	23.73	RMS	34.6	-17.9	3.1	43.53	54	-10.47	-	-	298	100	H
4	* 5362.721	26.77	RMS	34.5	-17.9	3.1	46.47	54	-7.53	-	-	298	100	H

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

Pk - Peak detector

RMS - RMS detection

**VERTICAL RESULT**



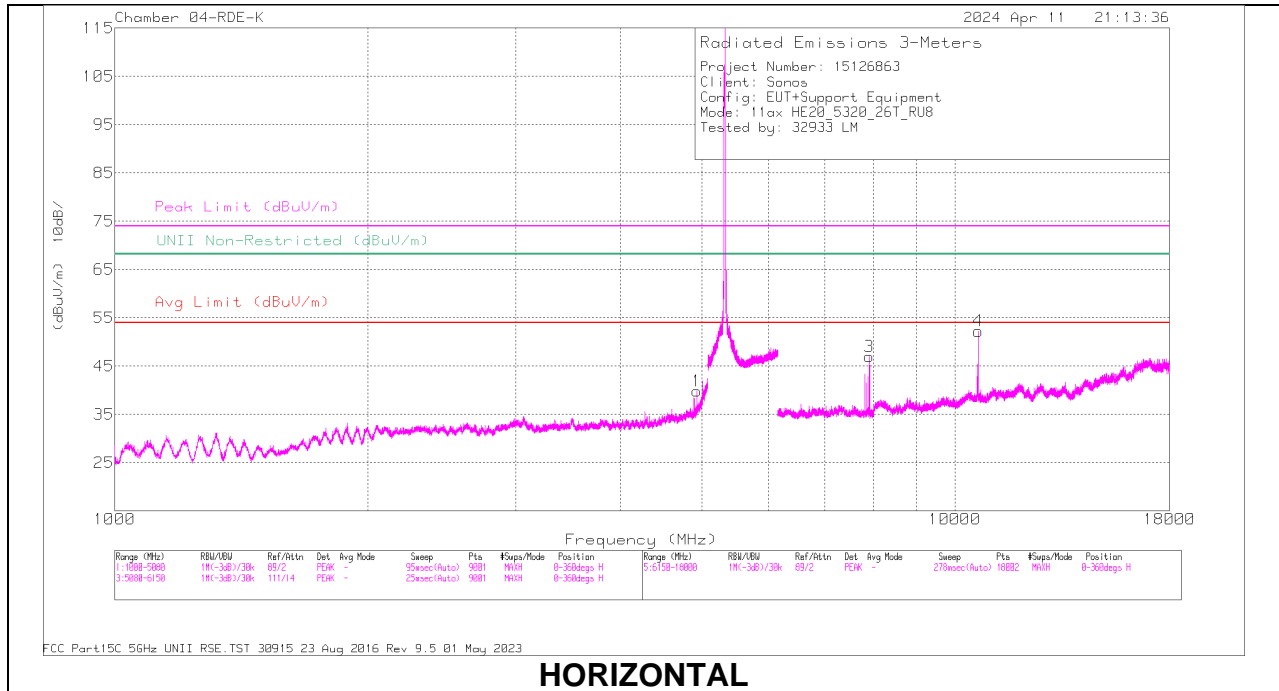
**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dB/m) -3mH	Amp/Cbl (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	* 5350	33.58	Pk	34.6	-17.9	0	50.28	-	-	74	-23.72	203	350	V
2	* 5361.512	36.43	Pk	34.5	-17.9	0	53.03	-	-	74	-20.97	203	350	V
3	* 5350	22.42	RMS	34.6	-17.9	3.1	42.22	54	-11.78	-	-	203	350	V
4	* 5363.716	23.61	RMS	34.5	-17.9	3.1	43.31	54	-10.69	-	-	203	350	V

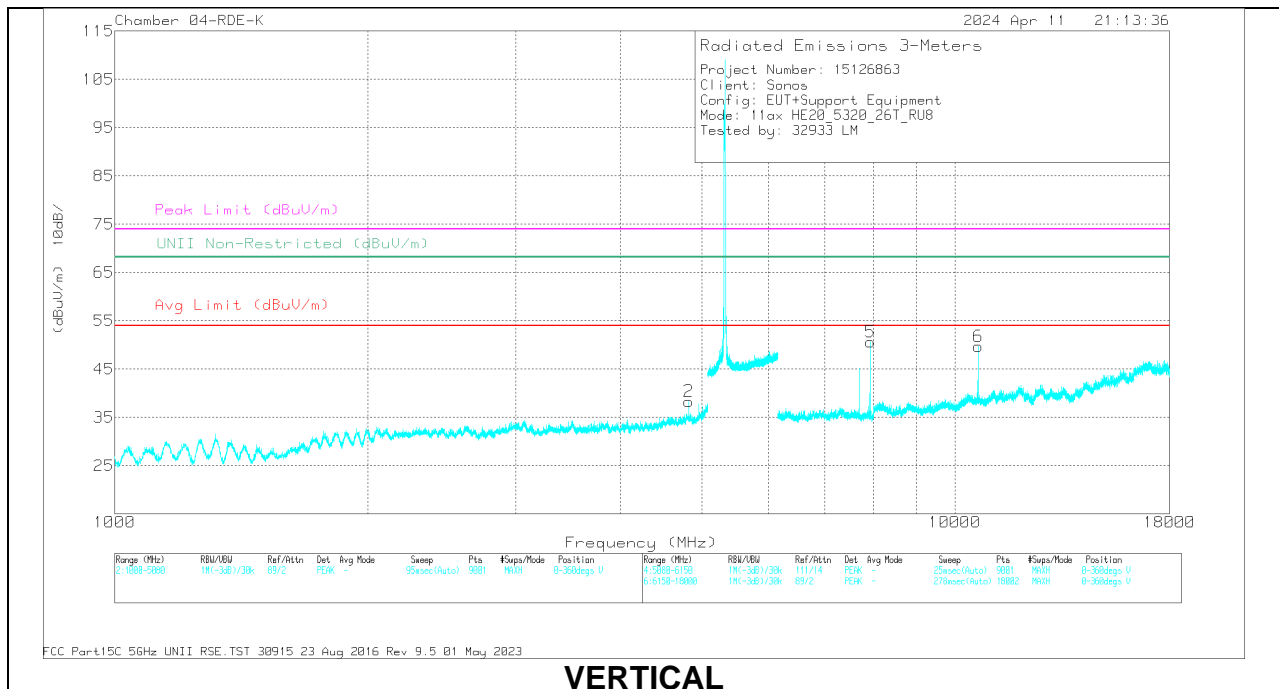
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

# HARMONICS AND SPURIOUS EMISSIONS

## HIGH CHANNEL



## HORIZONTAL



## VERTICAL



**RADIATED EMISSIONS**

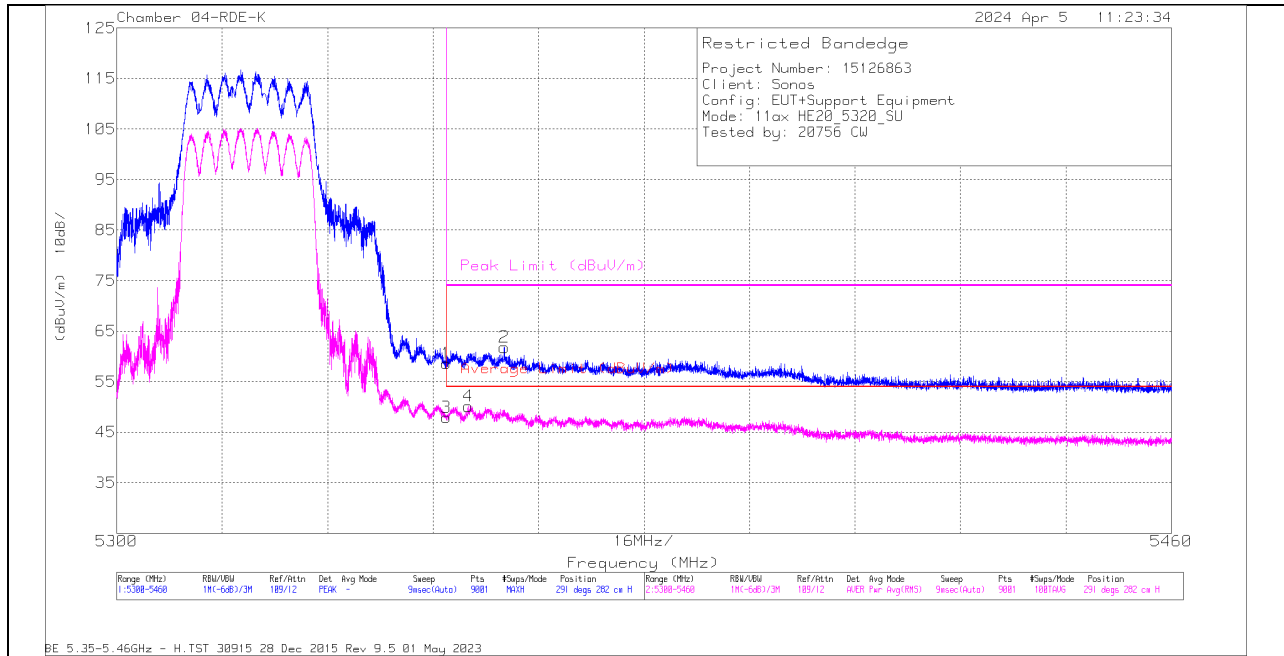
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404 ACF(dB/m) - 3mH	Amp/Cb/Fit (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4927.906	49.3	PK-U	34.3	-40	0	53.6	-	-	74	-20.4	-	-	302	193	H
	* 4928.106	44.65	ADR	34.3	-40	3.1	42.05	54	-11.95	-	-	-	-	302	193	H
2	* 4819.352	51.66	PK-U	34.9	-40.7	0	45.86	-	-	74	-28.14	-	-	183	303	V
	* 4819.637	39.42	ADR	34.9	-40.7	3.1	36.72	54	-17.28	-	-	-	-	183	303	V
3	* 7904.307	53.03	PK-U	36	-38.2	0	50.83	-	-	-	-	68.2	-17.37	64	262	H
4	* 10656.863	65.2	PK-U	37.6	-37.6	0	65.2	-	-	74	-8.8	-	-	242	200	H
	* 10656.827	49.98	ADR	37.6	-37.6	3.1	53.08	54	-92	-	-	-	-	242	200	H
5	* 7929.825	48.63	PK-U	35.7	-38.3	0	46.03	-	-	-	-	68.2	-22.17	314	305	V
6	* 10656.123	62.32	PK-U	37.6	-37.6	0	62.32	-	-	74	-11.68	-	-	246	110	V
	* 10656.626	46	ADR	37.6	-37.6	3.1	49.1	54	-4.9	-	-	-	-	246	110	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 1 + Antenna 3 OFDMA MODE: SU, Single User**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

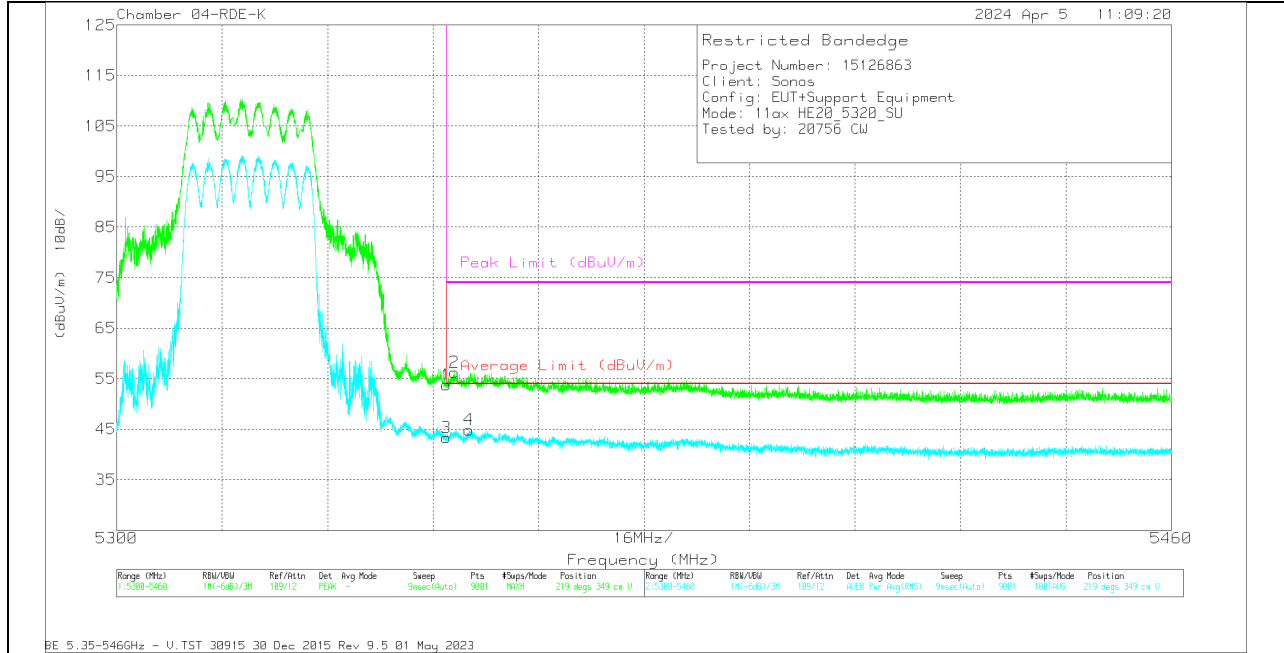


**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dB/m) - 3mH	Amp/Cbl (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	5350	41.86	Pk	34.6	-17.9	0	58.56	-	-	74	-15.44	291	282	H
3	5350	30.5	RMS	34.6	-17.9	.74	47.94	54	-6.06	-	-	291	282	H
4	5353.281	32.67	RMS	34.6	-17.9	.74	50.11	54	-3.89	-	-	291	282	H
2	5358.792	45.18	Pk	34.5	-17.9	0	61.78	-	-	74	-12.22	291	282	H

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

**VERTICAL RESULT**



**Trace Markers**

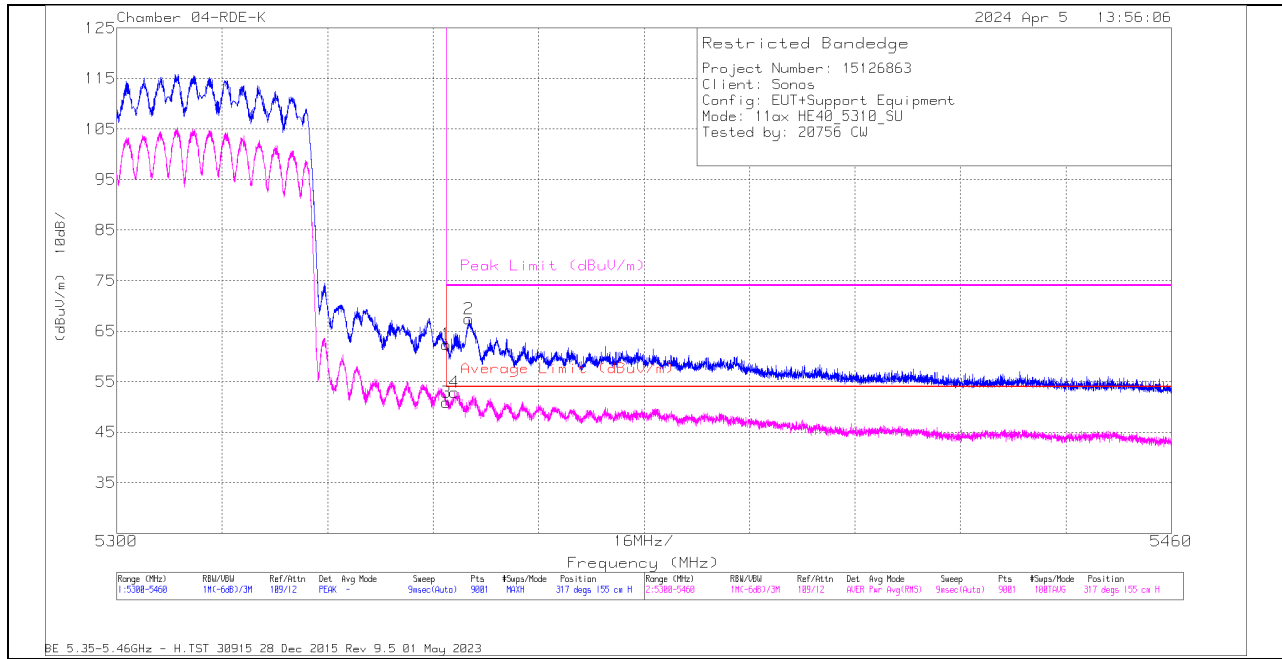
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dB/m) - 3mH	Amp/Cbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5350	37.02	Pk	34.6	-17.9	0	53.72	-	-	74	-20.28	219	349	V
3	5350	25.85	RMS	34.6	-17.9	.74	43.29	54	-10.71	-	-	219	349	V
2	5351.272	39.59	Pk	34.6	-17.9	0	56.29	-	-	74	-17.71	219	349	V
4	5353.405	27.45	RMS	34.6	-17.9	.74	44.89	54	-9.11	-	-	219	349	V

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

### 10.1.5. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.3GHZ BAND

#### 2TX Antenna 1 + Antenna 3 OFDMA MODE: SU, Single User BANDEDGE (HIGH CHANNEL)

#### HORIZONTAL RESULT



#### Trace Markers

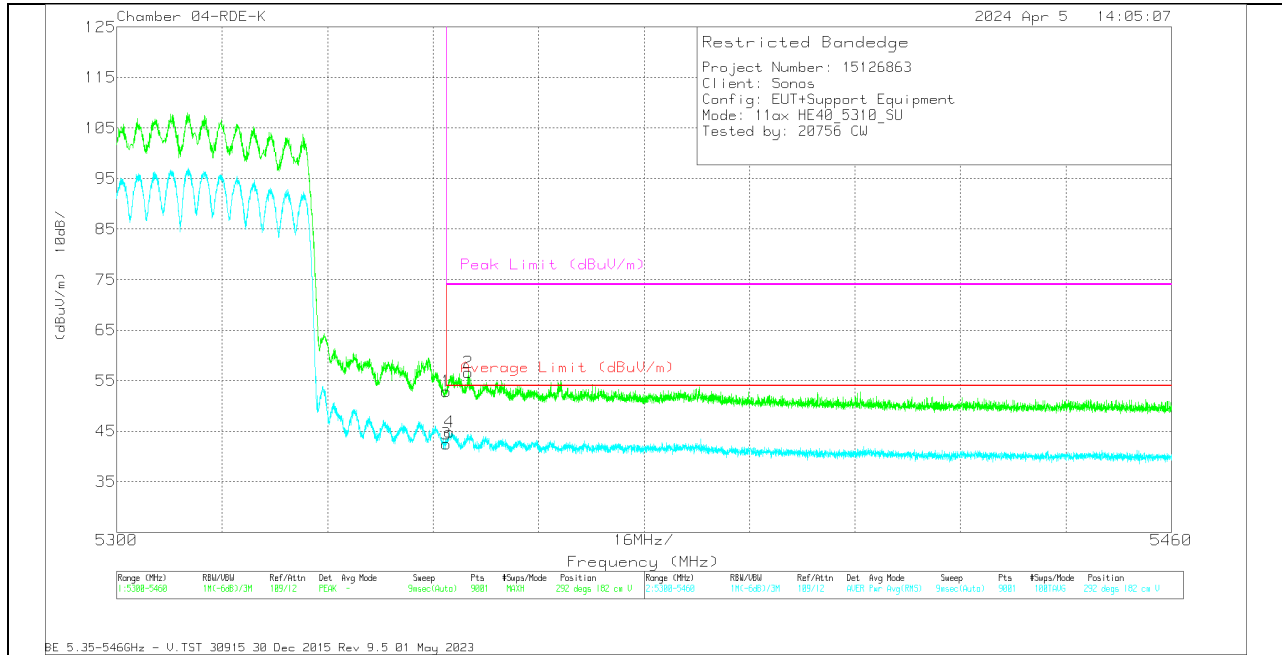
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dB/m) -3mit	Amp/Cbi (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5350	45.69	Pk	34.6	-17.9	0	62.39	-	-	74	-11.61	317	155	H
3	5350	32.9	RMS	34.6	-17.9	1.32	50.92	54	-3.08	-	-	317	155	H
4	5351.272	34.83	RMS	34.6	-17.9	1.32	52.85	54	-1.15	-	-	317	155	H
2	5353.458	50.73	Pk	34.6	-17.9	0	67.43	-	-	74	-6.57	317	155	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	80404_ACF(dB/m) - 3mH	Amp/Cbl (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	5350	36.19	Pk	34.6	-17.9	0	52.89	-	-	74	-21.11	292	182	V
3	5350	24.45	RMS	34.6	-17.9	1.32	42.47	54	-11.53	-	-	292	182	V
4	5350.436	26.85	RMS	34.6	-17.9	1.32	44.87	54	-9.13	-	-	292	182	V
2	5353.37	39.88	Pk	34.6	-17.9	0	56.58	-	-	74	-17.42	292	182	V

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

Pk - Peak detector

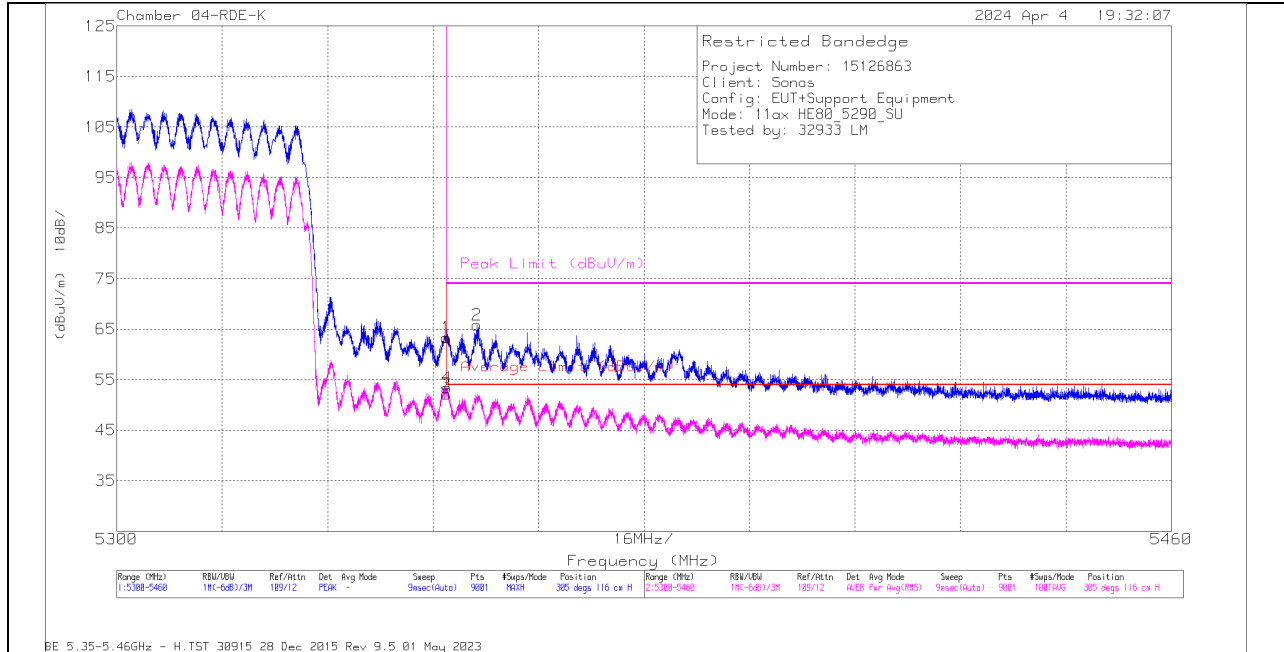
RMS - RMS detection

### 10.1.6. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.3GHZ BAND

**2TX Antenna 1 + Antenna 3 OFDMA MODE: SU, Single User**

#### BANDEDGE (MID CHANNEL)

#### HORIZONTAL RESULT



#### Trace Markers

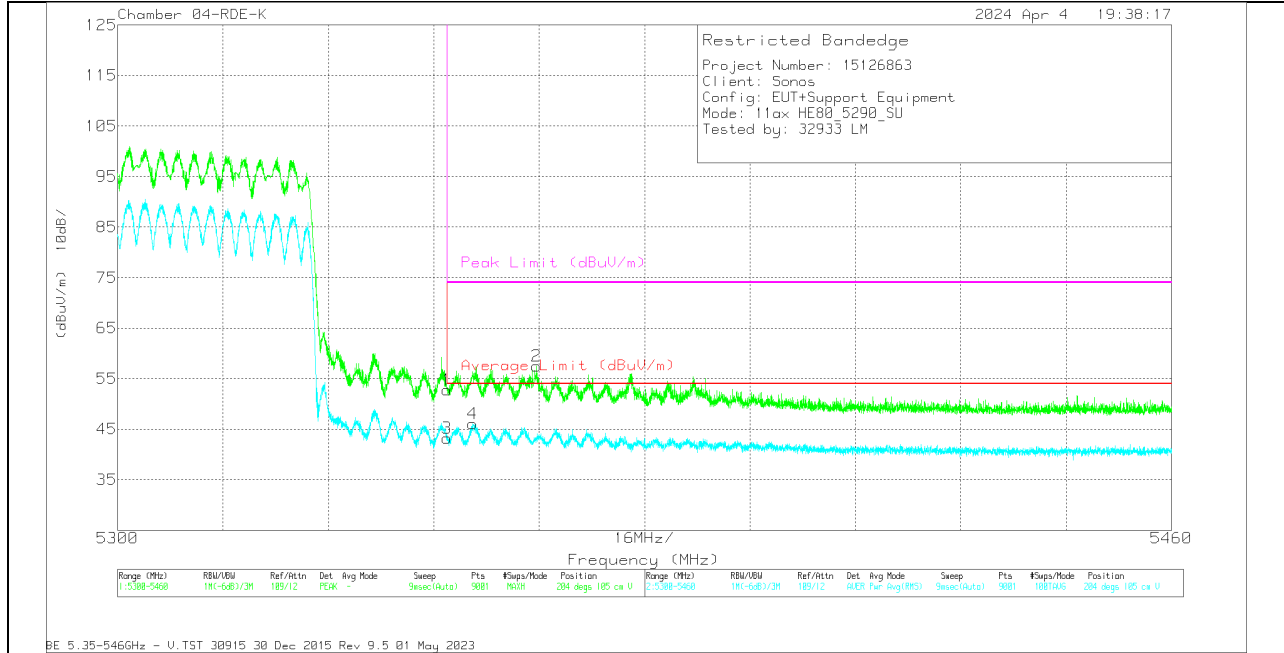
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404 ACF(dB/m) -3mH	Amp/Cbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5350	46.64	Pk	34.6	-17.9	0	63.34	-	-	74	-10.66	305	116	H
2	* 5354.65	49.25	Pk	34.5	-17.9	0	65.85	-	-	74	-8.15	305	116	H
3	* 5350	33.13	RMS	34.6	-17.9	2.38	52.21	54	-1.79	-	-	305	116	H
4	* 5350.063	34.28	RMS	34.6	-17.9	2.38	53.36	54	-0.64	-	-	305	116	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	80404_ACF(dB/m) -3mH	Amp/Cbl (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	* 5350	36.07	Pk	34.6	-17.9	0	52.77	-	-	74	-21.23	204	105	V
3	* 5350	24.15	RMS	34.6	-17.9	2.38	43.23	54	-10.77	-	-	204	105	V
4	* 5353.885	27	RMS	34.6	-17.9	2.38	46.08	54	-7.92	-	-	204	105	V
2	* 5363.556	40.89	Pk	34.5	-17.9	0	57.49	-	-	74	-16.51	204	105	V

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

Pk - Peak detector

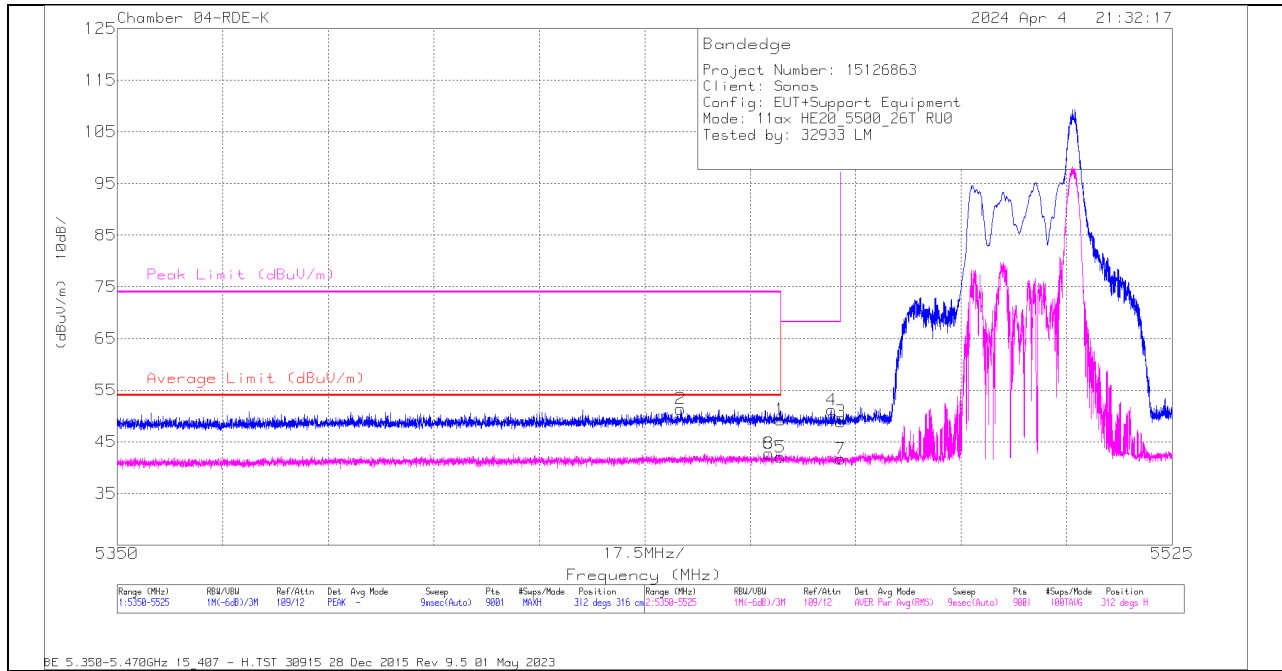
RMS - RMS detection

### 10.1.7. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.6GHz BAND

#### 2TX Antenna 1 + Antenna 3 OFDMA MODE: 26-Tones, RU Index 0

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



#### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dB/m) -3mH	Amp/Cbl (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
2	* 5443.428	34.56	Pk	34.7	-17.9	0	51.36	-	-	74	-22.64	312	316	H
6	* 5458.05	22.72	RMS	34.7	-17.8	3.1	42.72	54	-11.28	-	-	312	316	H
8	* 5458.05	22.72	RMS	34.7	-17.8	3.1	42.72	54	-11.28	-	-	312	316	H
1	* 5460	32.35	Pk	34.7	-17.8	0	49.25	-	-	68.2	-18.95	312	316	H
5	* 5460	22.01	RMS	34.7	-17.8	3.1	42.01	54	-11.99	-	-	312	316	H
4	5468.492	34.35	Pk	34.6	-17.8	0	51.15	-	-	68.2	-17.05	312	316	H
3	5470	32.07	Pk	34.6	-17.8	0	48.87	-	-	68.2	-19.33	312	316	H
7	5470	21.75	RMS	34.6	-17.8	3.1	41.65	-	-	-	-	312	316	H

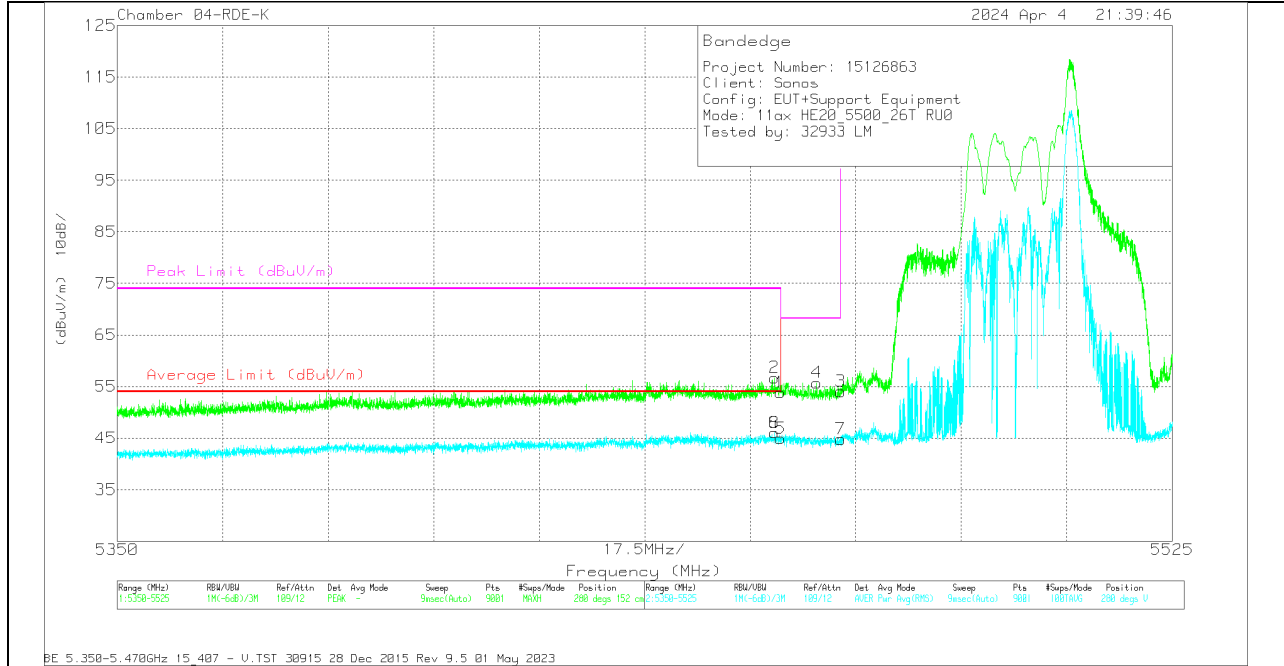
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection



**VERTICAL RESULT**



**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dB/m) -3mH	Amp/Cbl (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	* 5460	36.94	Pk	34.7	-17.8	0	53.84	-	-	68.2	-14.36	280	152	V
2	* 5459.042	39.71	Pk	34.8	-17.8	0	56.71	-	-	74	-17.29	280	152	V
5	* 5460	24.94	RMS	34.7	-17.8	3.1	44.94	54	-9.06	-	-	280	152	V
6	* 5459.003	25.94	RMS	34.8	-17.8	3.1	46.04	54	-7.96	-	-	280	152	V
8	* 5459.003	25.94	RMS	34.8	-17.8	3.1	46.04	54	-7.96	-	-	280	152	V
4	5466.042	38.93	Pk	34.6	-17.8	0	55.73	-	-	68.2	-12.47	280	152	V
3	5470	37.25	Pk	34.6	-17.8	0	54.05	-	-	68.2	-14.15	280	152	V
7	5470	24.89	RMS	34.6	-17.8	3.1	44.79	-	-	-	-	280	152	V

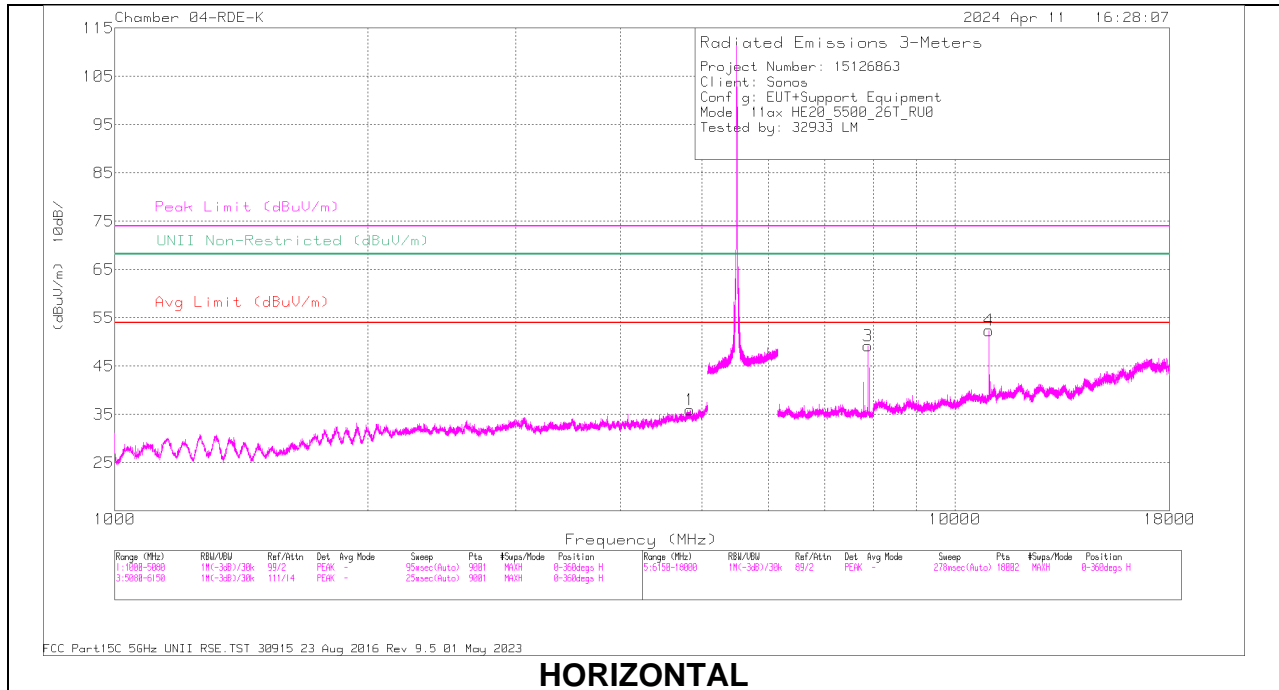
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

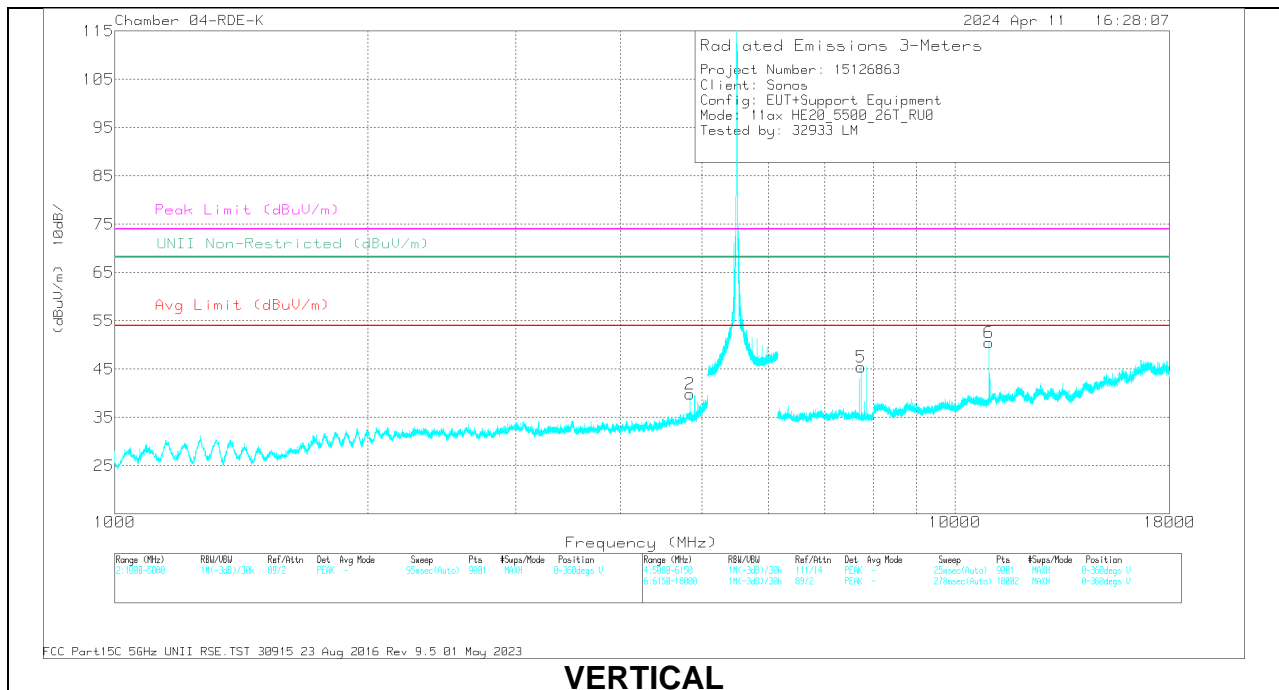
RMS - RMS detection

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL



## HORIZONTAL



## VERTICAL

**RADIATED EMISSIONS**

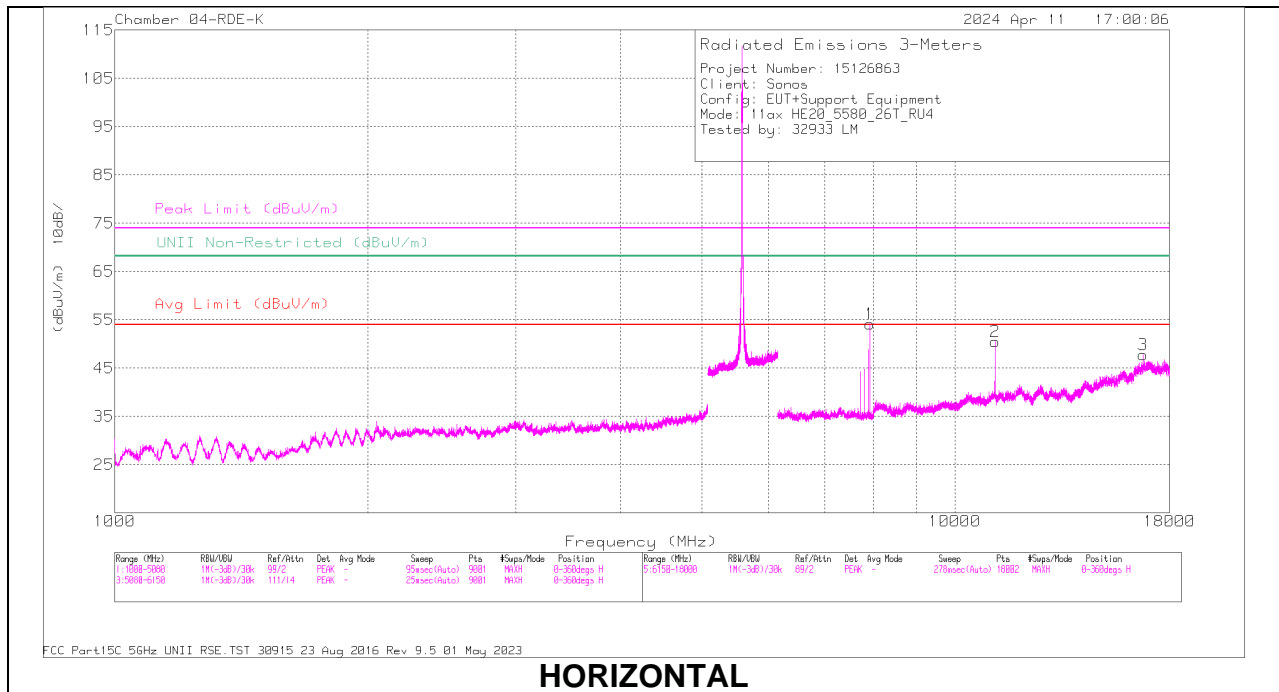
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dBm) - 3mH	Amp/CB/Filt (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4833.847	50.91	PK-U	34.8	-40.4	0	45.31	-	-	74	-28.89	-	-	332	294	H
	* 4835.066	39.25	ADR	34.7	-40.4	3.1	36.65	54	-17.35	-	-	-	-	332	294	H
2	* 4832.091	52.35	PK-U	34.8	-40.5	0	46.65	-	-	74	-27.35	-	-	19	183	V
	* 4832.758	39.8	ADR	34.8	-40.5	3.1	37.2	54	-16.8	-	-	-	-	19	183	V
3	7873.374	36.25	ADR	35.9	-38	3.1	37.26	-	-	-	-	-	-	350	350	H
	* 7880.936	47.51	PK-U	35.9	-38	0	45.71	-	-	-	-	68.2	-22.49	350	350	H
4	* 10982.538	63.38	PK-U	38.1	-37.1	0	64.38	-	-	74	-9.62	-	-	253	205	H
	* 10982.897	48.88	ADR	38.1	-37.1	3.1	52.98	54	-1.02	-	-	-	-	253	205	H
5	* 7732.378	48.31	PK-U	36	-36.6	0	45.71	-	-	74	-28.29	-	-	358	227	V
	* 7730.968	36.4	ADR	35.9	-38.6	3.1	36.8	54	-17.2	-	-	-	-	358	227	V
6	* 10983.436	62.38	PK-U	38.1	-37.1	0	63.38	-	-	74	-10.62	-	-	339	192	V
	* 10982.724	47.05	ADR	38.1	-37.1	3.1	51.15	54	-2.85	-	-	-	-	339	192	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

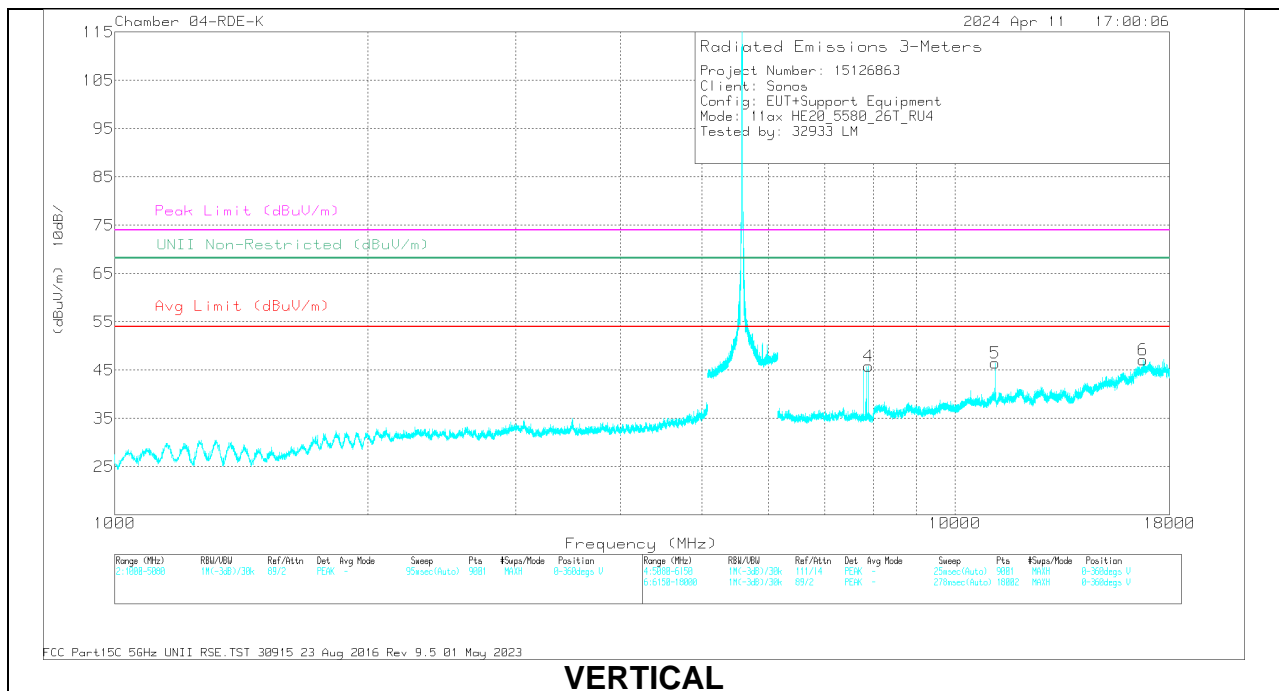
**2TX Antenna 1 + Antenna 3 OFDMA MODE: 26-Tones, RU Index 4**

**HARMONICS AND SPURIOUS EMISSIONS**

**MID CHANNEL**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

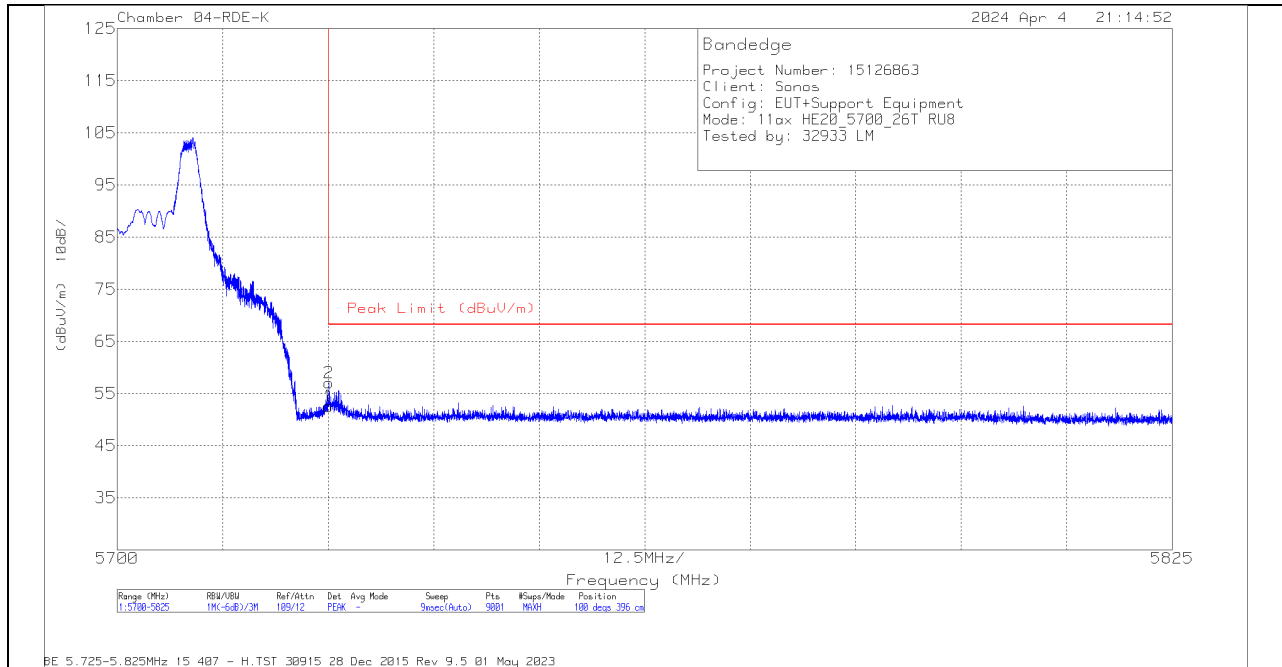
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dB/m) - 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7023.695	51.88	PK-U	35.8	-38.3	0	49.38	-	-	-	-	68.2	-18.82	88	352	H
2	* 11159.98	59.3	PK-U	38	-36.8	0	60.5	-	-	74	-13.5	-	-	243	199	H
	* 11159.995	46.59	ADR	38	-36.8	3.1	50.89	54	-3.11	-	-	-	-	243	199	H
3	16738.695	54.69	PK-U	42.7	-34	0	63.39	-	-	-	-	68.2	-4.81	253	141	H
4	7891.475	54.09	PK-U	35.9	-38.1	0	51.89	-	-	-	-	68.2	-16.31	168	365	V
5	* 11158.363	62.1	PK-U	37.9	-36.8	0	63.2	-	-	74	-10.8	-	-	264	270	V
	* 11160.277	43.5	ADR	38	-36.8	3.1	47.8	54	-6.2	-	-	-	-	264	270	V
6	16737.96	50.8	PK-U	42.7	-34	0	58.6	-	-	-	-	68.2	-8.6	282	357	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 1 + Antenna 3 OFDMA MODE: 26-Tones, RU Index 8**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

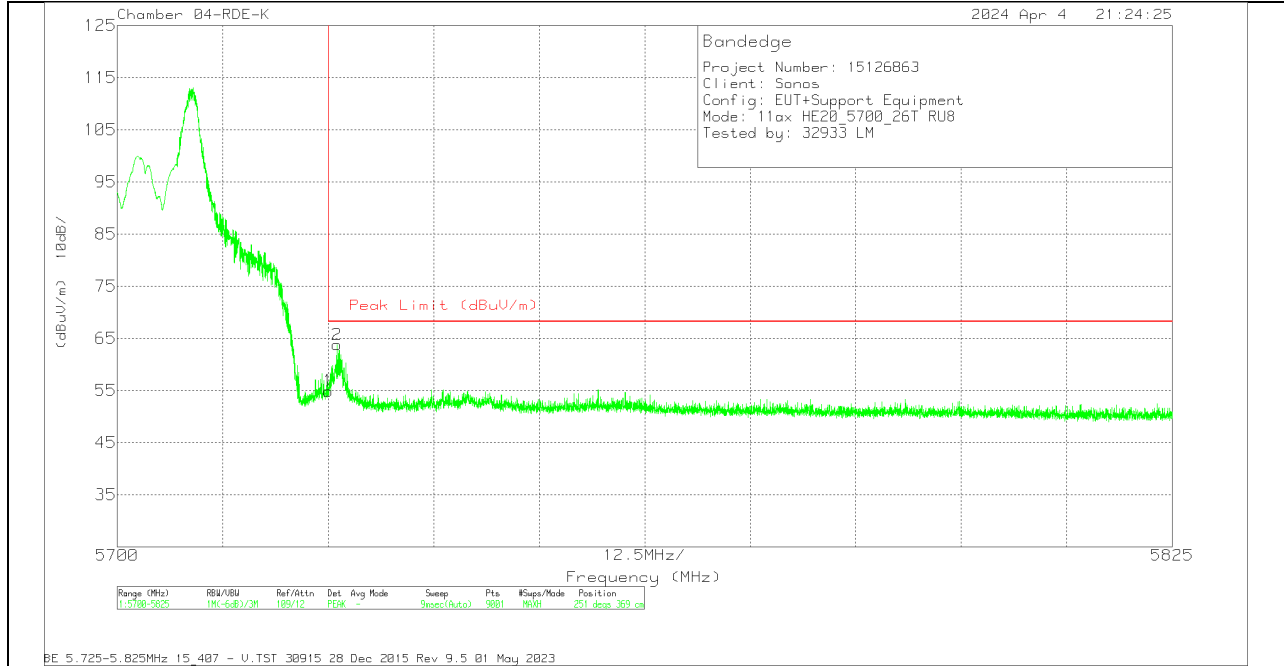


**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dB/m) - 3mH	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	34.83	Pk	34.8	-17.1	52.53	68.2	-15.67	100	396	H
2	5725.084	39.33	Pk	34.8	-17.1	57.03	68.2	-11.17	100	396	H

Pk - Peak detector

**VERTICAL RESULT**



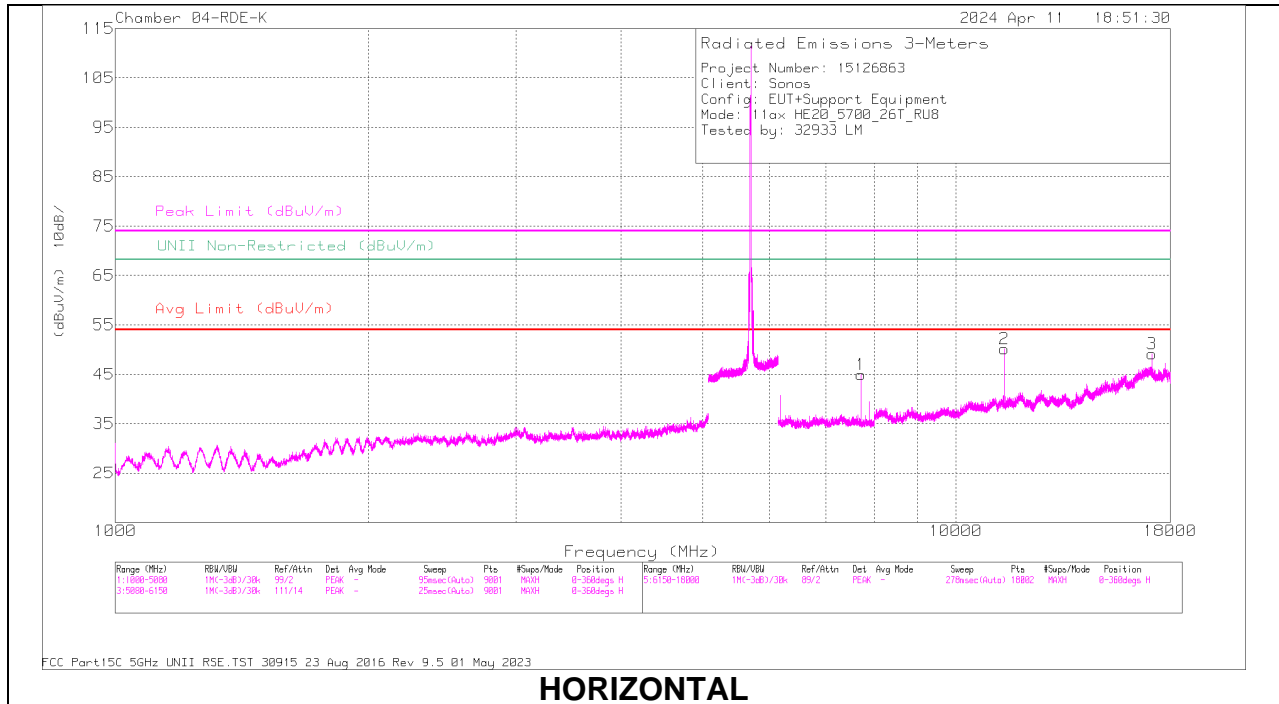
**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dB/m) - 3mH	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	37.2	Pk	34.8	-17.1	54.9	68.2	-13.3	251	369	V
2	5726.028	46.06	Pk	34.8	-17.1	63.76	68.2	-4.44	251	369	V

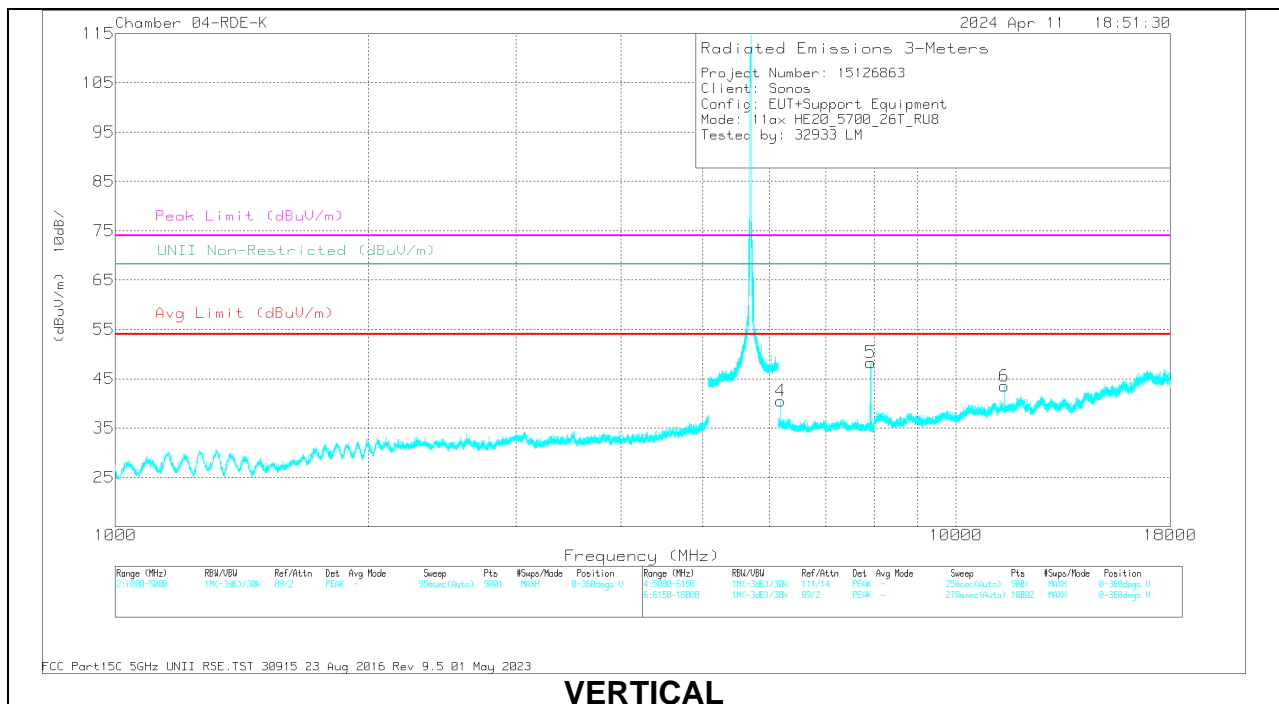
Pk - Peak detector

# HARMONICS AND SPURIOUS EMISSIONS

## HIGH CHANNEL



## HORIZONTAL



## VERTICAL



**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dB/m) - 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	* 7715.803	53.97	PK-U	35.9	-38.5	0	51.37	-	-	74	-22.63	-	-	123	398	H
	* 7719.644	36.98	ADR	35.8	-38.6	3.1	37.28	54	-16.72	-	-	-	-	123	398	H
2	* 11417.519	56.34	PK-U	37.9	-36.3	0	57.94	-	-	74	-16.06	-	-	246	189	H
	* 11417.603	44.32	ADR	37.9	-36.3	3.1	49.02	54	-4.98	-	-	-	-	246	189	H
3	17125.943	57.53	PK-U	42.7	-33.2	0	67.03	-	-	-	-	68.2	-1.17	249	207	H
4	6188.702	54.36	PK-U	35.4	-39.1	0	50.66	-	-	-	-	68.2	-17.54	41	107	V
5	7917.343	53.34	PK-U	35.9	-36.3	0	50.94	-	-	-	-	68.2	-17.26	64	276	V
6	* 11417.679	57.7	PK-U	37.9	-36.3	0	53.3	-	-	74	-20.7	-	-	213	116	V
	* 11417.401	39.75	ADR	37.9	-36.3	3.1	44.45	54	-9.55	-	-	-	-	213	116	V

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

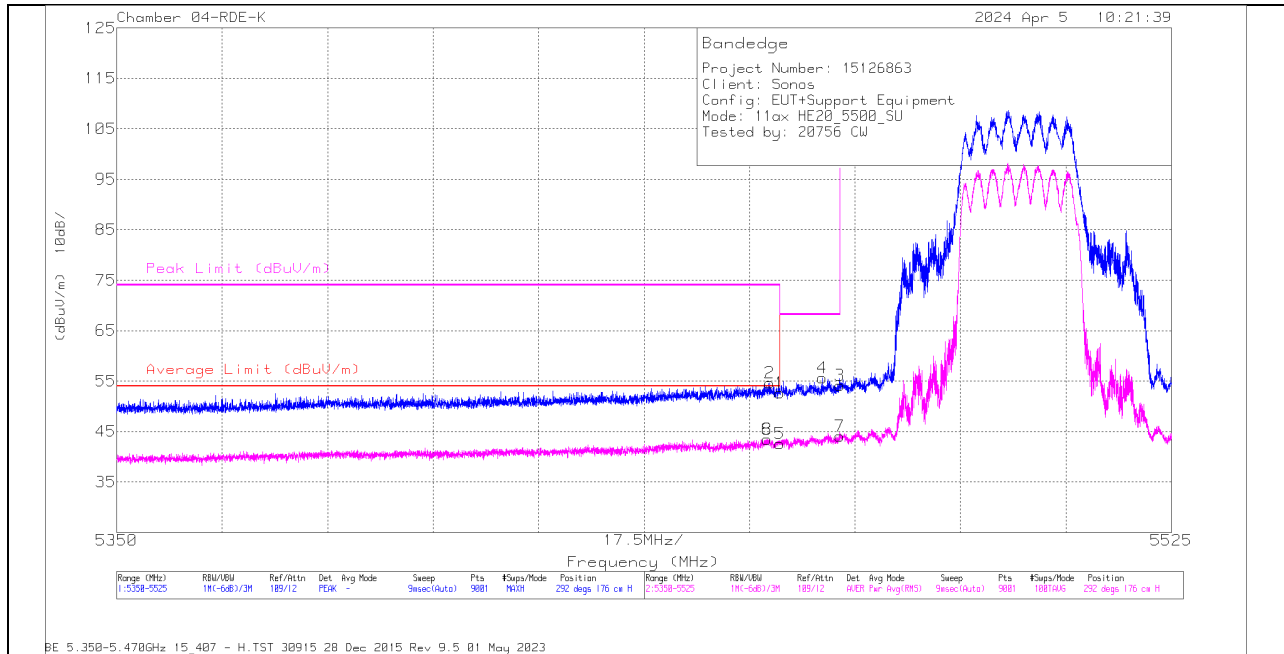
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**2TX Antenna 1 + Antenna 3 OFDMA MODE: SU, Single User**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



**Trace Markers**

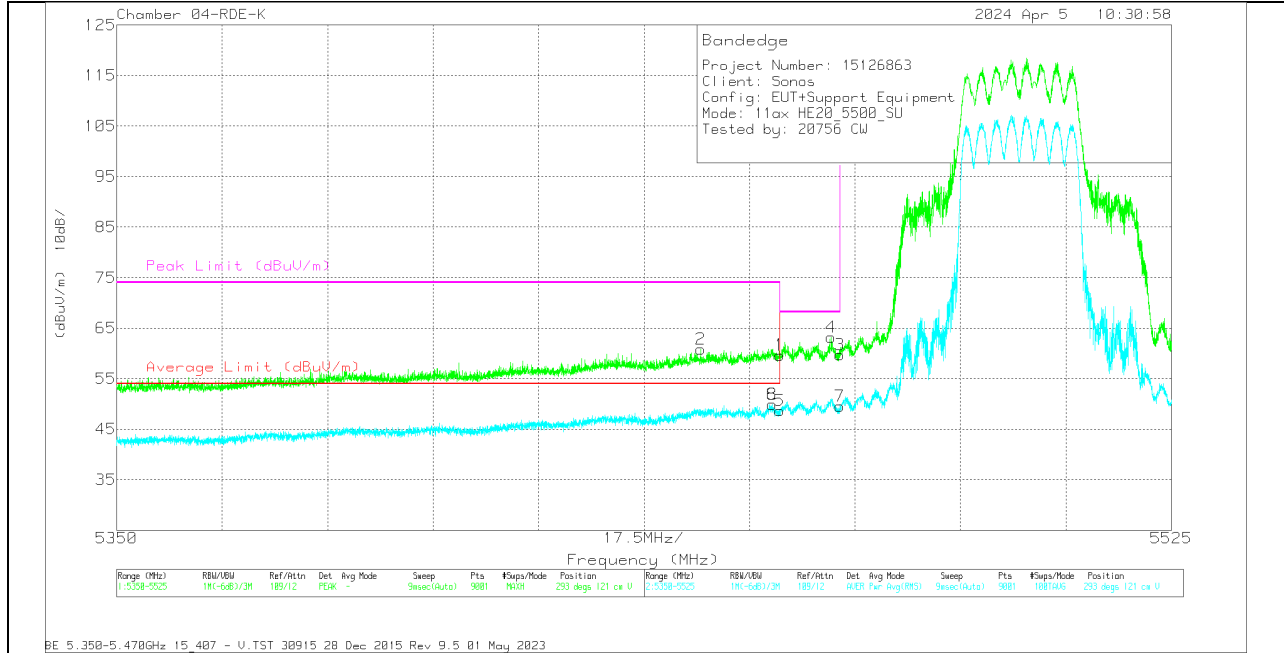
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dB/m - 3mH)	Amp/Cbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	5457.914	25.83	RMS	34.7	-17.8	.74	43.47	54	-10.53	-	-	292	176	H
8	5457.914	25.83	RMS	34.7	-17.8	.74	43.47	54	-10.53	-	-	292	176	H
2	5458.303	37.67	Pk	34.8	-17.8	0	54.67	-	-	74	-19.33	292	176	H
1	5460	35.8	Pk	34.7	-17.8	0	52.7	-	-	68.2	-15.5	292	176	H
5	5460	24.9	RMS	34.7	-17.8	.74	42.54	54	-11.46	-	-	292	176	H
4	5467.053	38.86	Pk	34.6	-17.8	0	55.66	-	-	68.2	-12.54	292	176	H
3	5470	37.34	Pk	34.6	-17.8	0	54.14	-	-	68.2	-14.06	292	176	H
7	5470	26.53	RMS	34.6	-17.8	.74	44.07	-	-	-	-	292	176	H

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

Pk - Peak detector

RMS - RMS detection

**VERTICAL RESULT**



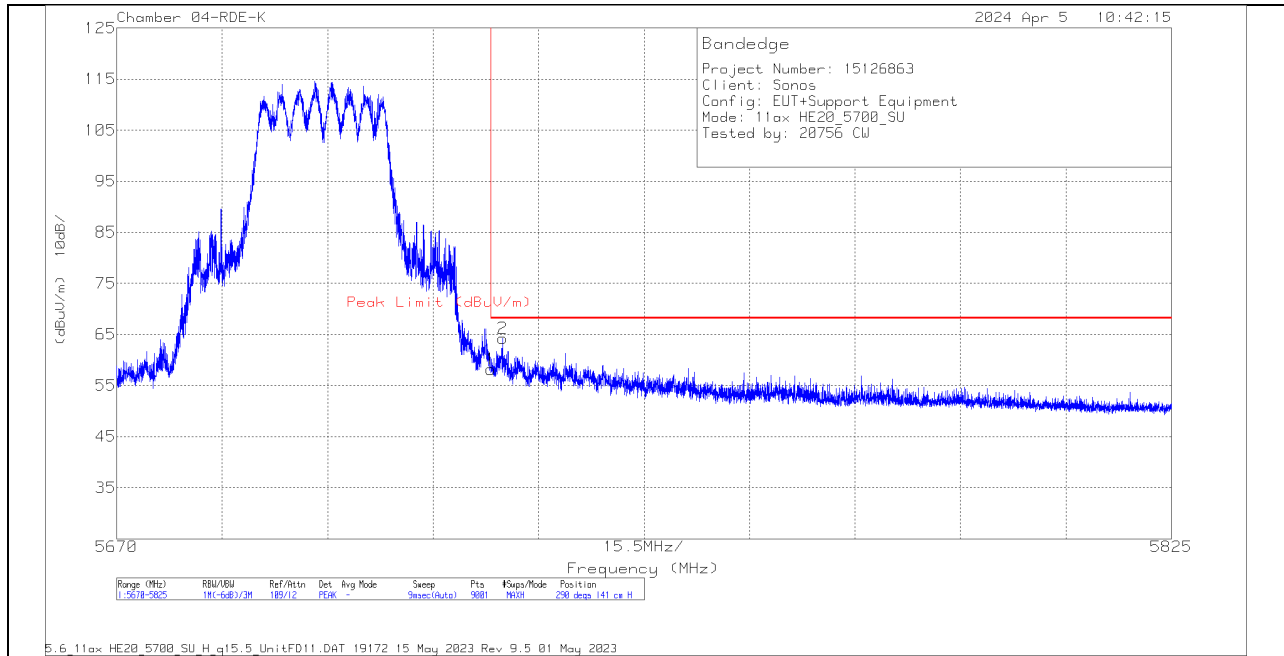
**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dB/m) - 3mH	Amp/Cbl (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
2	5446.909	43.97	Pk	34.8	-17.9	0	60.87	-	-	74	-13.13	293	121	V
6	5458.75	32.22	RMS	34.8	-17.8	.74	49.96	54	-4.04	-	-	293	121	V
8	5458.75	32.22	RMS	34.8	-17.8	.74	49.96	54	-4.04	-	-	293	121	V
1	5460	42.77	Pk	34.7	-17.8	0	59.67	-	-	68.2	-8.53	293	121	V
5	5460	31.06	RMS	34.7	-17.8	.74	48.7	54	-5.3	-	-	293	121	V
4	5468.57	46.39	Pk	34.6	-17.8	0	63.19	-	-	68.2	-5.01	293	121	V
3	5470	42.89	PK	34.6	-17.8	0	59.69	-	-	68.2	-8.51	293	121	V
7	5470	31.99	RMS	34.6	-17.8	.74	49.53	-	-	-	-	293	121	V

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

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dB/m) - 3mH	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	40.47	Pk	34.8	-17.1	58.17	68.2	-10.03	290	141	H
2	5726.729	46.5	Pk	34.8	-17.1	64.2	68.2	-4	290	141	H

Pk - Peak detector