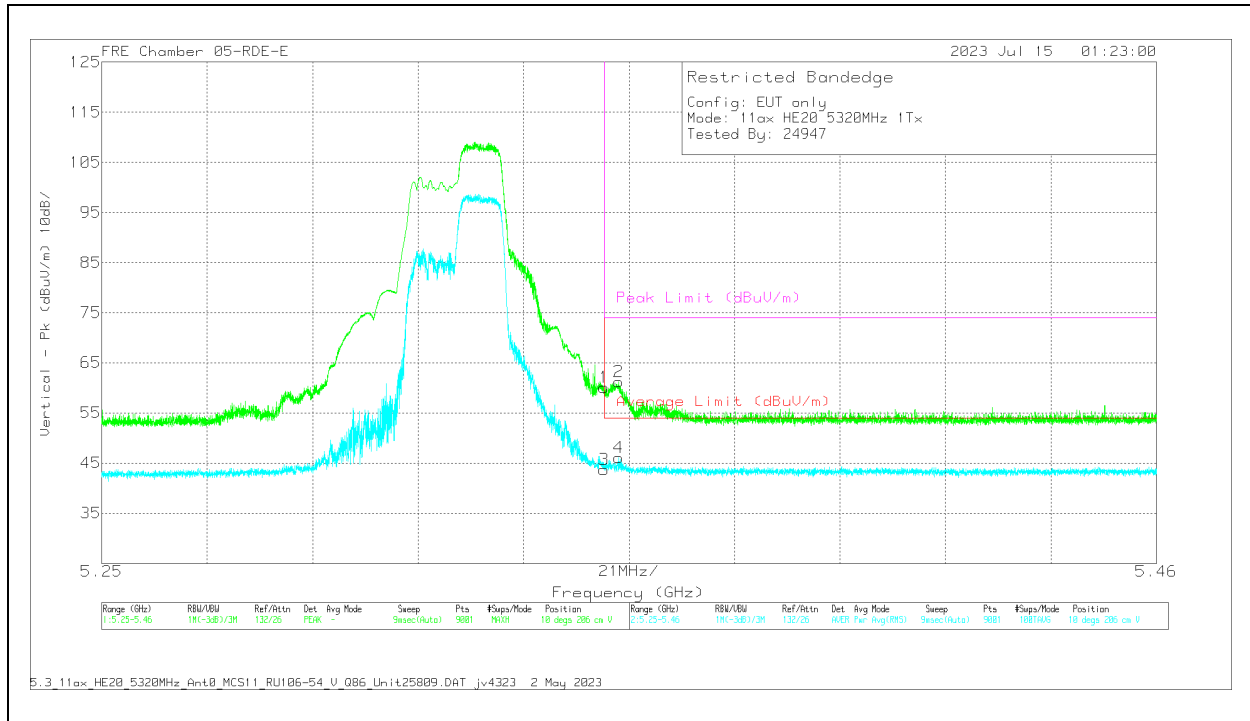


**VERTICAL RESULT**



**Trace Markers**

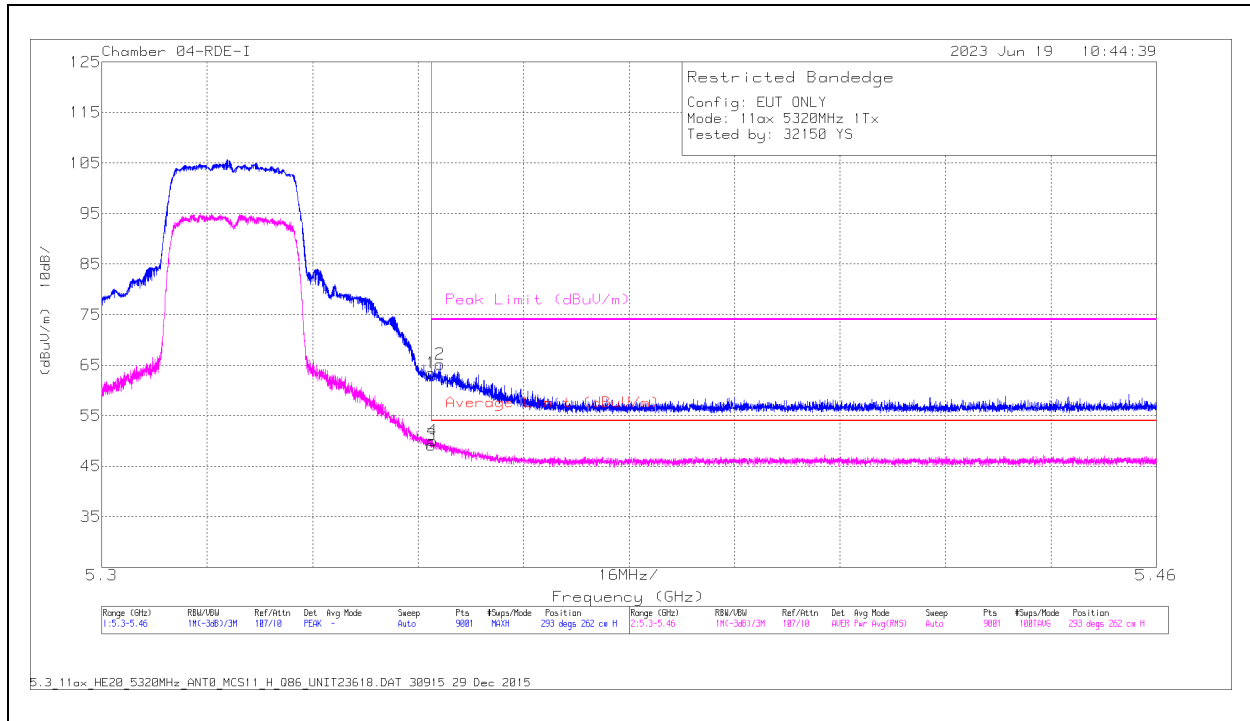
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3MHz	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	64.05	Pk	34.7	0	-38.67	60.08	-	-	74	-13.92	10	206	V
3	5.35	47.35	RMS	34.7	0.56	-38.67	43.94	54	-10.06	-	-	10	206	V
4	5.35288	49.69	RMS	34.7	0.56	-38.63	46.32	54	-7.68	-	-	10	206	V
2	5.35297	65.12	Pk	34.7	0	-38.63	61.19	-	-	74	-12.81	10	206	V

Pk - Peak detector  
RMS - RMS detection

**1TX Antenna 6 MODE: SU, Single User**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



**Trace Markers**

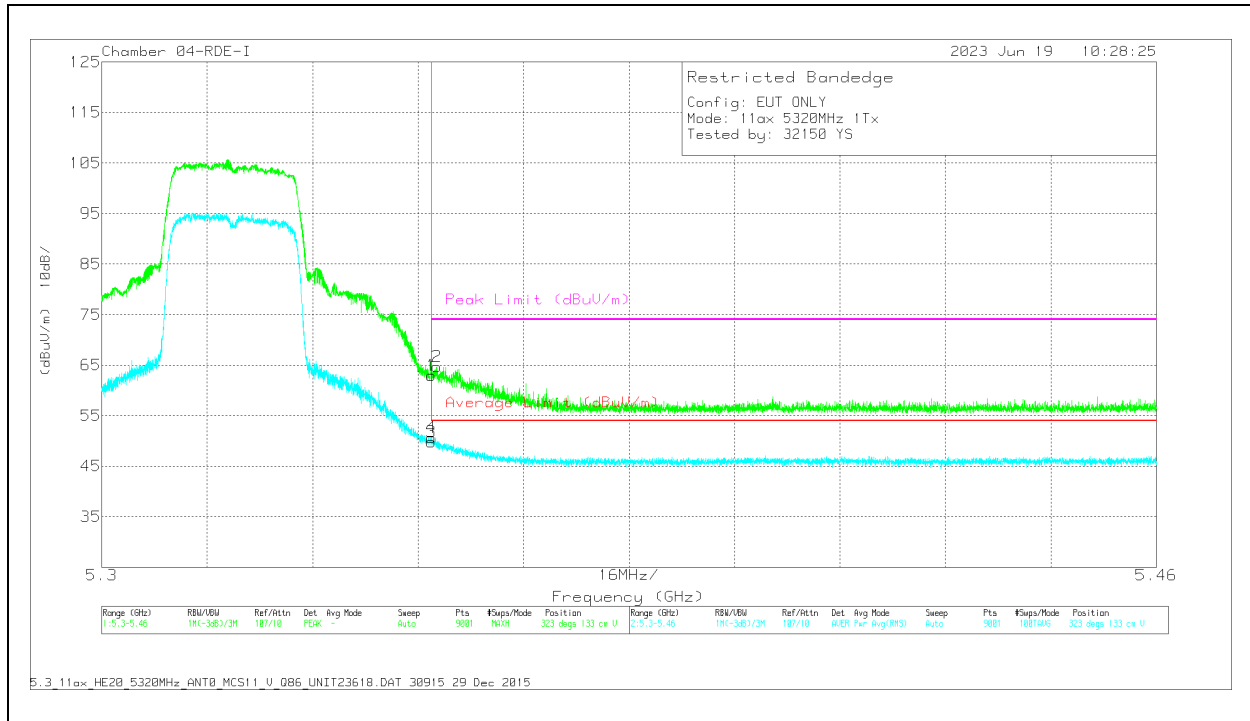
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB) - 3mH	Ch/Amp (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	44.84	Pk	34.8	-16.2	0	63.44	-	-	74	-10.56	293	262	H
2	* 5.35129	46.66	Pk	34.8	-16.3	0	65.16	-	-	74	-8.84	293	262	H
3	* 5.35	29.93	RMS	34.8	-16.2	0.61	49.14	54	-4.86	-	-	293	262	H
4	* 5.350187	30.83	RMS	34.8	-16.2	0.61	50.04	54	-3.96	-	-	293	262	H

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

Pk - Peak detector

RMS - RMS detection

**VERTICAL RESULT**



**Trace Markers**

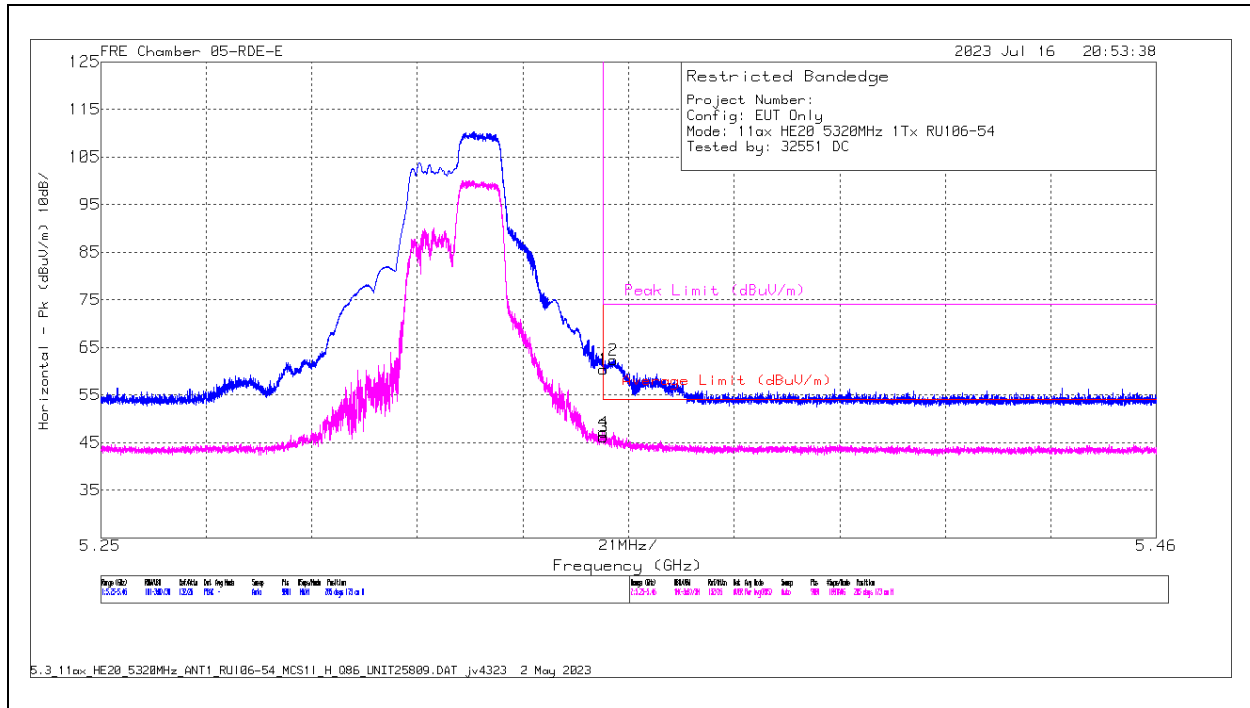
Marker	Frequency (GHz)	Meter Reading (dBu)	Det	84797 ACF (dB) - Limit	Cb/Amp (dB)	DCCF (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	44.36	Pk	34.8	-16.2	0	62.96	-	-	74	-11.04	323	133	V
2	* 5.350898	46.19	Pk	34.8	-16.3	0	64.69	-	-	74	-9.31	323	133	V
3	* 5.35	30.55	RMS	34.8	-16.2	0.61	49.76	54	-4.24	-	-	323	133	V
4	* 5.350027	31.5	RMS	34.8	-16.2	0.61	50.71	54	-3.29	-	-	323	133	V

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

**1TX Antenna 5 MODE: 106-Tones, RU Index 54**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

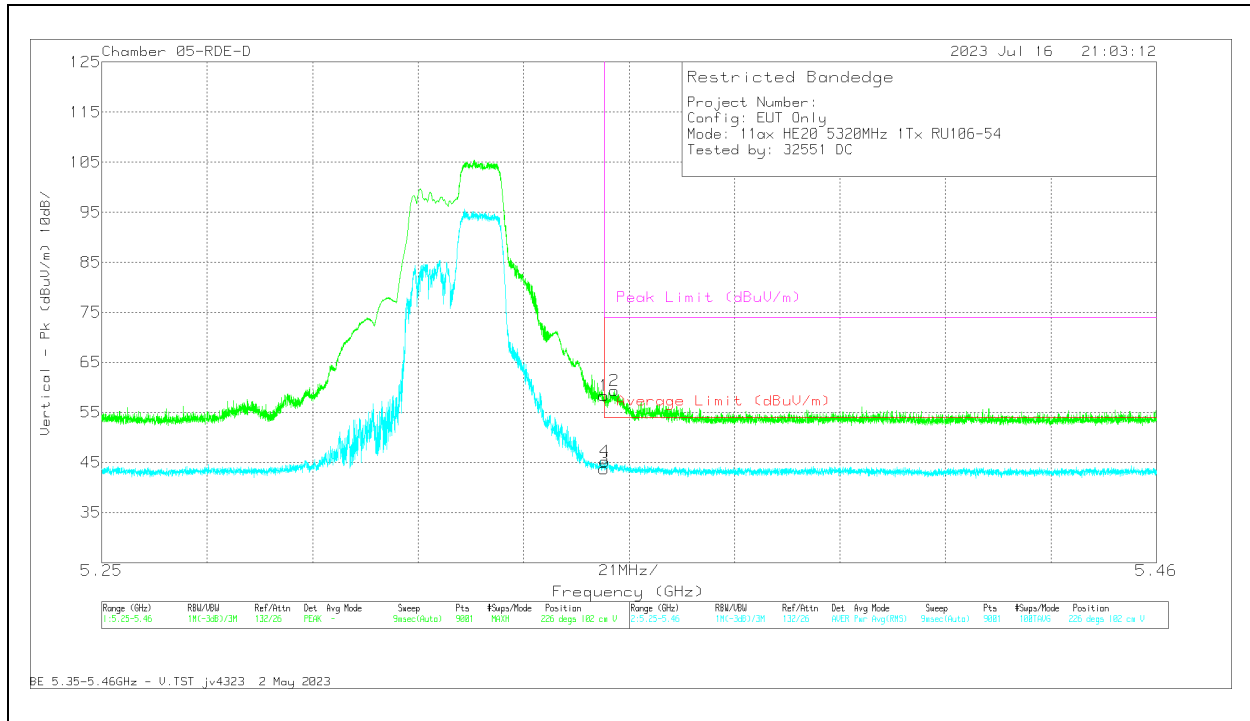


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	63.91	Pk	34.9	0	-38.67	60.14	-	-	74	-13.86	285	173	H
3	5.35	49.27	RMS	34.9	0.56	-38.67	46.06	54	-7.94	-	-	285	173	H
4	5.35008	50.23	RMS	34.9	0.56	-38.67	47.02	54	-6.98	-	-	285	173	H
2	5.35199	65.8	Pk	34.9	0	-38.65	62.05	-	-	74	-11.95	285	173	H

Pk - Peak detector  
RMS - RMS detection

**VERTICAL RESULT**



**Trace Markers**

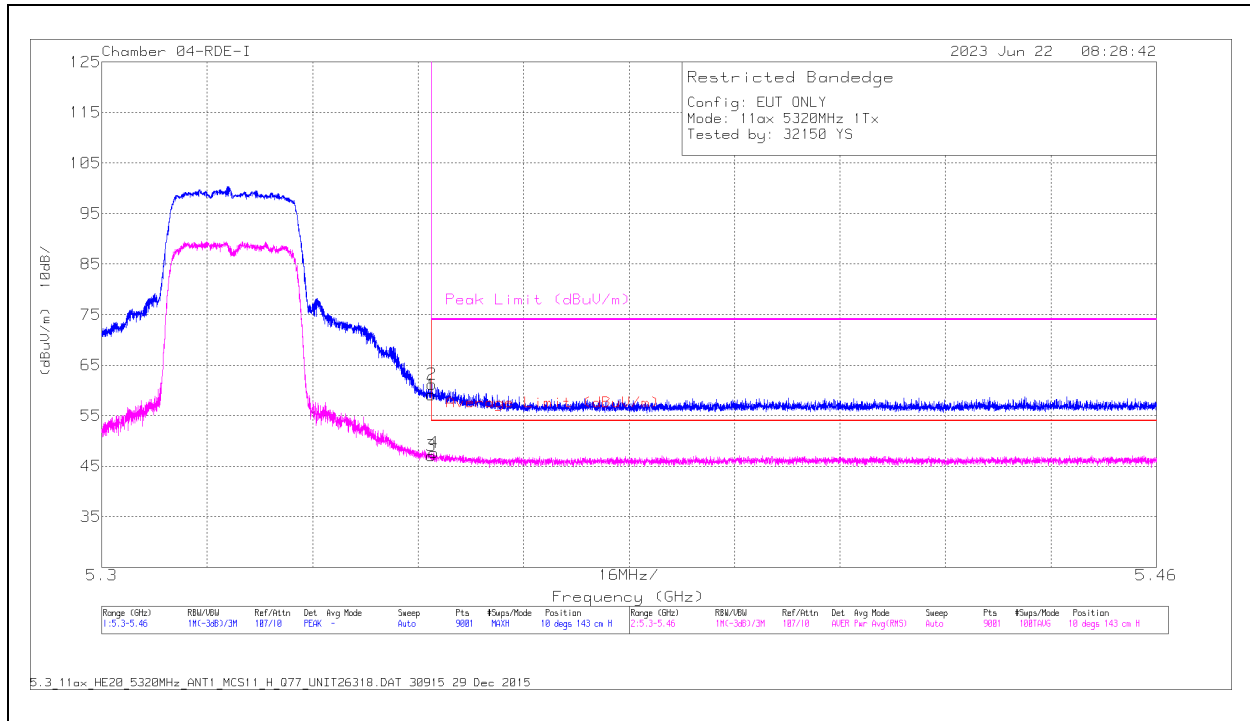
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB) 3MHz	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	61.83	Pk	34.9	0	-38.42	58.31	-	-	74	-15.69	226	102	V
3	5.35	46.7	RMS	34.9	0.56	-38.42	43.74	54	-10.26	-	-	226	102	V
4	5.35017	48.21	RMS	34.9	0.56	-38.42	45.25	54	-8.75	-	-	226	102	V
2	5.35204	62.77	Pk	34.9	0	-38.36	59.31	-	-	74	-14.69	226	102	V

Pk - Peak detector  
 RMS - RMS detection

**1TX Antenna 5 MODE: SU, Single User**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

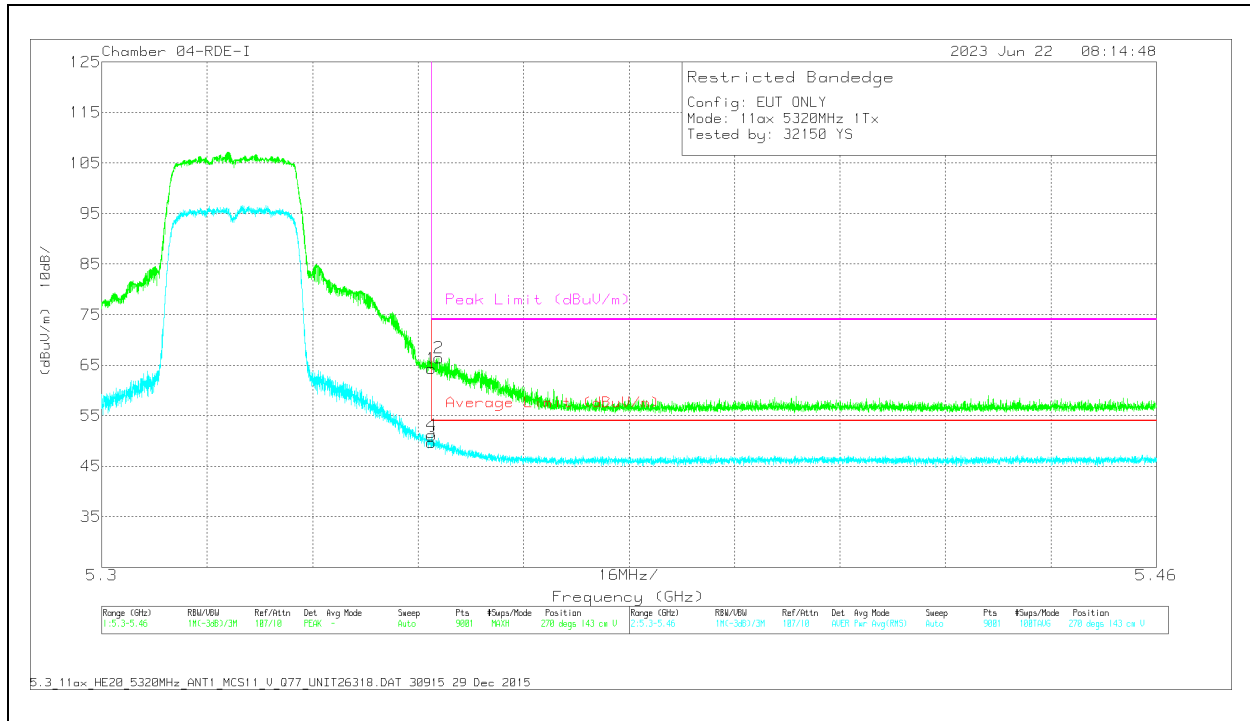


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB) - 3mH	Ch/Amp (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	* 5.35	40.53	Pk	34.8	-16.2	0	59.13	-	-	74	-14.87	10	143	H
2	* 5.350081	42.63	Pk	34.8	-16.2	0	61.23	-	-	74	-12.77	10	143	H
3	* 5.35	27.87	RMS	34.8	-16.2	0.61	47.08	54	-6.92	-	-	10	143	H
4	* 5.350347	28.44	RMS	34.8	-16.2	0.61	47.65	54	-6.35	-	-	10	143	H

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

**VERTICAL RESULT**



**Trace Markers**

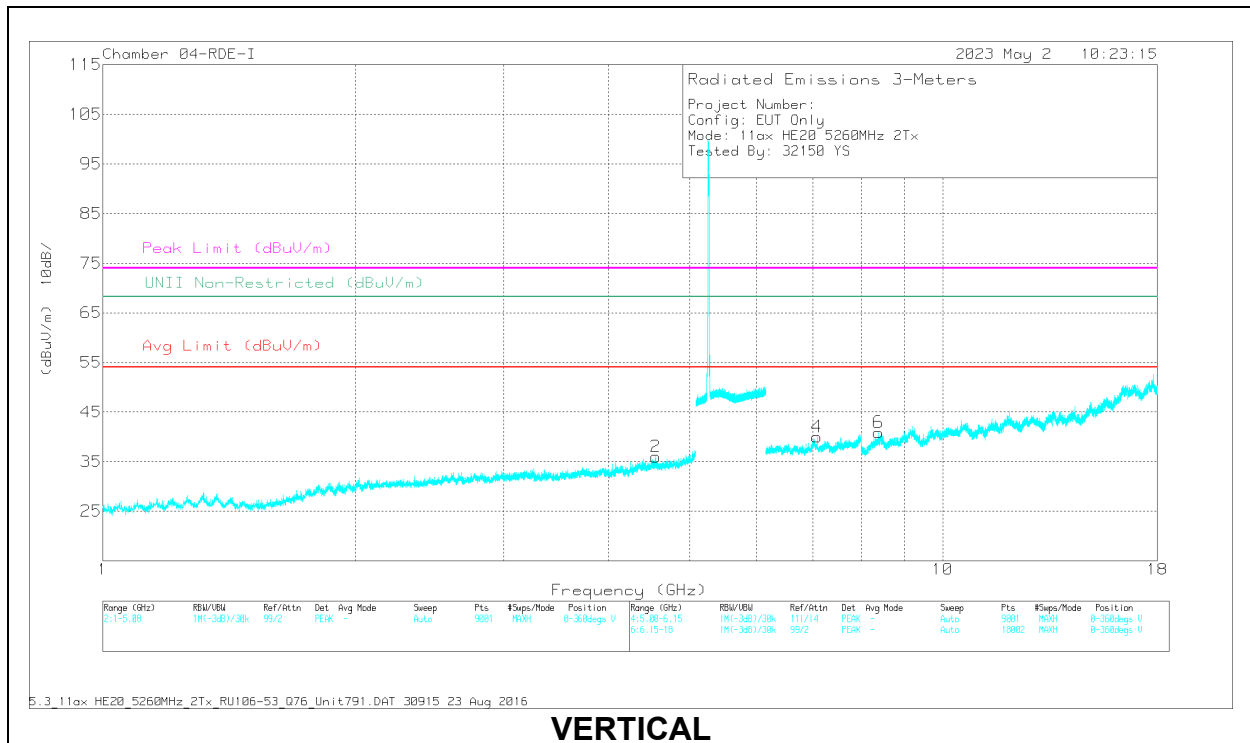
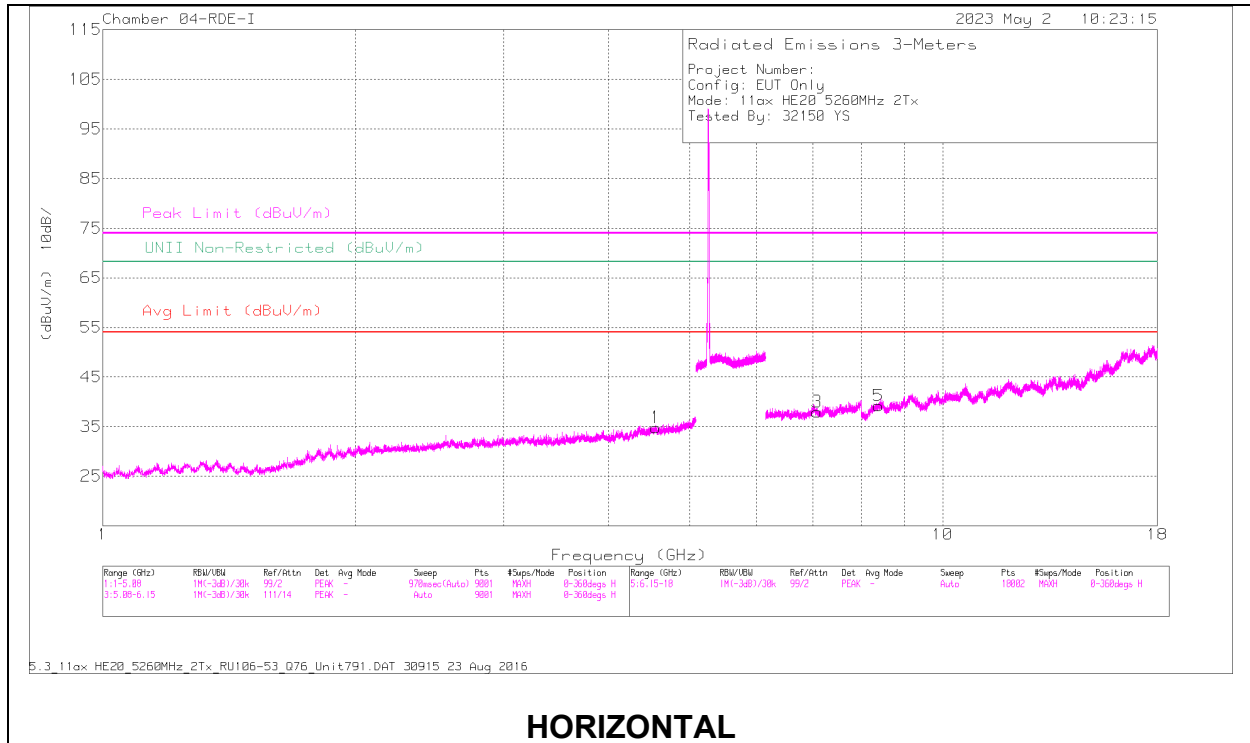
Marker	Frequency (GHz)	Meter Reading (dBu)	Det	84797 ACF (dB) - Limit	Cb/Amp (dB)	DCCF (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	45.69	Pk	34.8	-16.2	0	64.29	-	-	74	-9.71	270	143	V
2	* 5.351147	47.94	Pk	34.8	-16.3	0	66.44	-	-	74	-7.56	270	143	V
3	* 5.35	30.44	RMS	34.8	-16.2	0.61	49.65	54	-4.35	-	-	270	143	V
4	* 5.350045	32	RMS	34.8	-16.2	0.61	51.21	54	-2.79	-	-	270	143	V

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

**2TX Antenna 6 + Antenna 5 OFDMA MODE: 106-Tones, RU Index 53**

**1.1.25. 5.3GHz 11ax, HE20 2TX HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



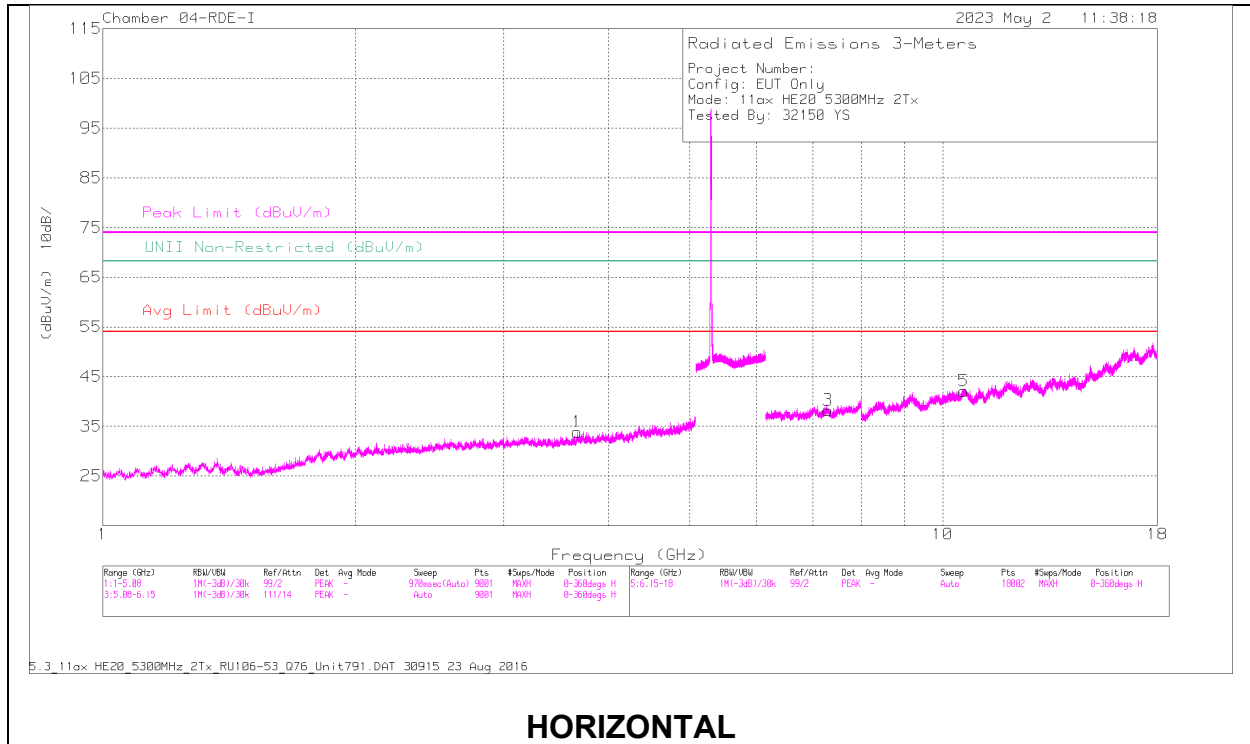


**RADIATED EMISSIONS**

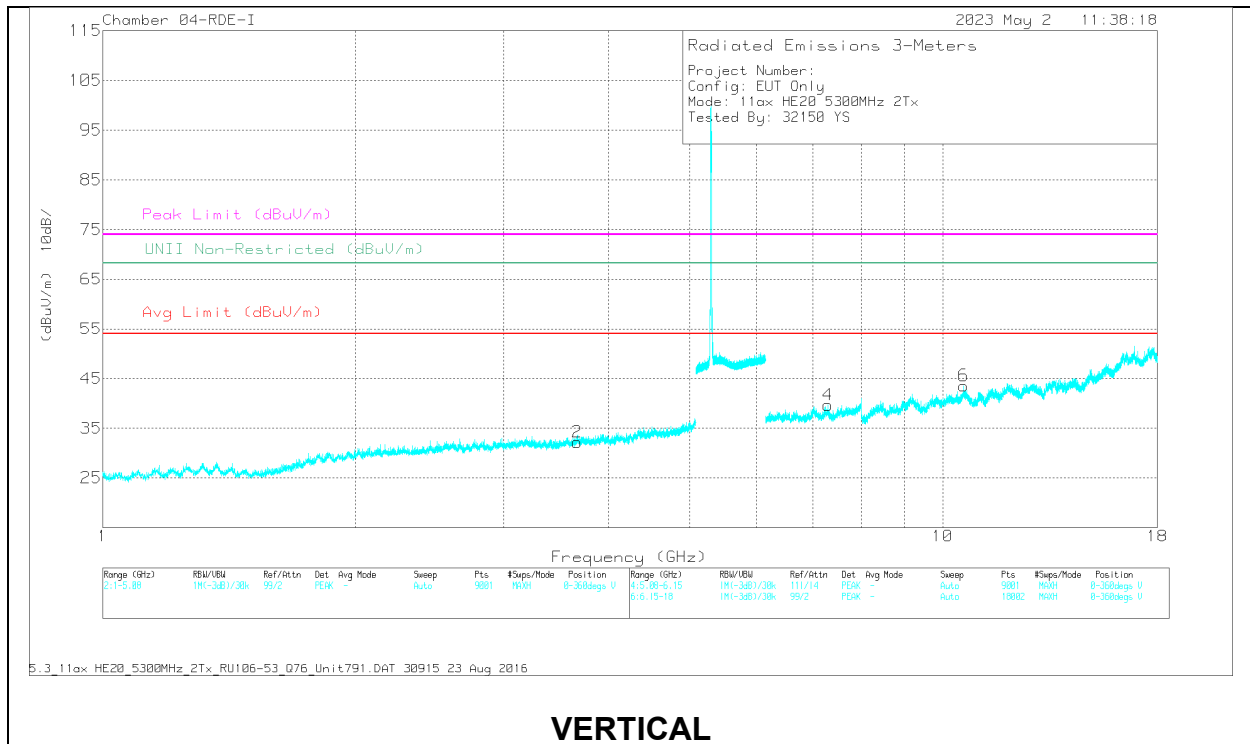
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB) - 3mH	Amp/C bl/Filtr (dB)	DCCF (dB)	Corrected Reading (dBuV /m)	Avg Limit (dBuV /m)	Margin (dB)	Peak Limit (dBuV /m)	PK Margin (dB)	UNII Non-Restricted (dBuV /m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.556051	38.27	PK-U	34.2	-27.7	0	44.77	-	-	74	-29.23	-	-	271	214	H
	* 4.553198	26.95	ADR	34.2	-27.6	0	33.55	54	-20.45	-	-	-	-	271	214	H
2	* 4.552734	38.49	PK-U	34.2	-27.6	0	45.09	-	-	74	-28.91	-	-	211	167	V
	* 4.554065	26.92	ADR	34.2	-27.6	0	33.52	54	-20.48	-	-	-	-	211	167	V
5	* 8.384778	34.3	PK-U	35.9	-20.4	0	49.8	-	-	74	-24.2	-	-	249	272	H
	* 8.383462	22.58	ADR	35.9	-20.4	0	38.08	54	-15.92	-	-	-	-	249	272	H
3	7.083795	33.73	PK-U	35.7	-21.7	0	47.73	-	-	-	-	68.2	-20.47	231	225	H
6	* 8.384395	34.54	PK-U	35.9	-20.4	0	50.04	-	-	74	-23.96	-	-	176	339	V
	* 8.383989	22.6	ADR	35.9	-20.4	0	38.1	54	-15.9	-	-	-	-	176	339	V
4	7.084995	33.98	PK-U	35.7	-21.6	0	48.08	-	-	-	-	68.2	-20.12	184	279	V

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

**MID CHANNEL RESULTS**



**HORIZONTAL**



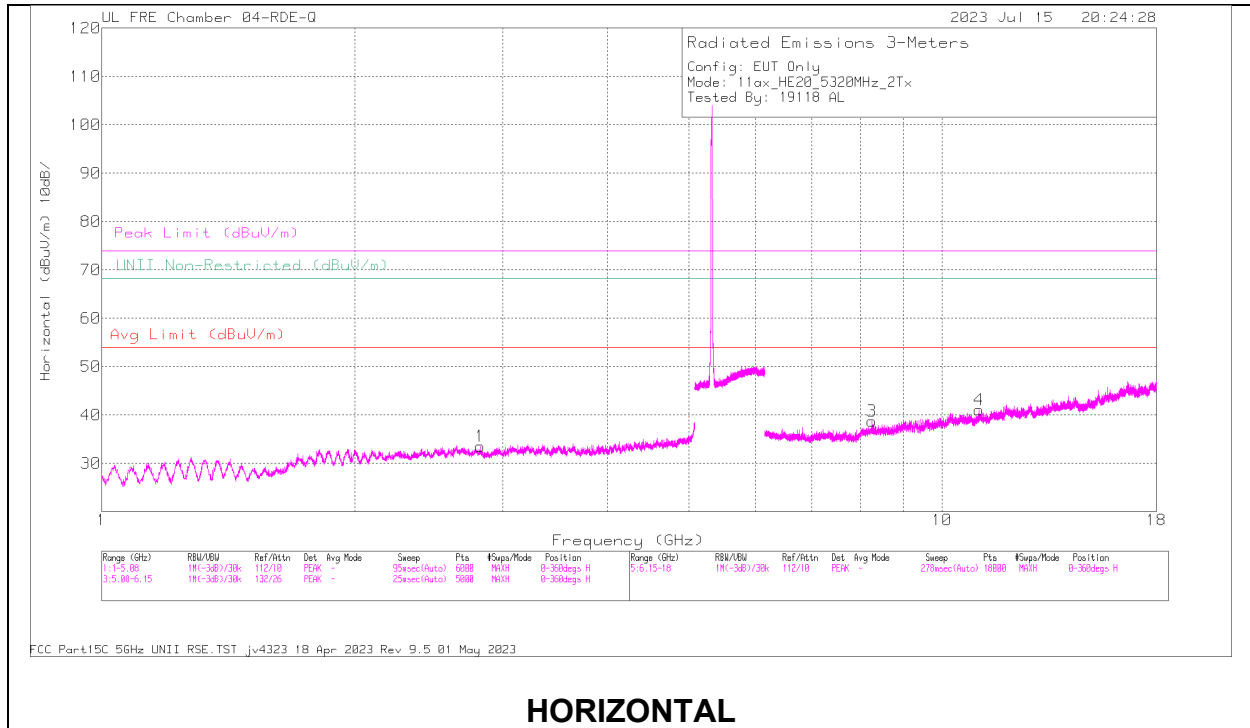
**VERTICAL**

**RADIATED EMISSIONS**

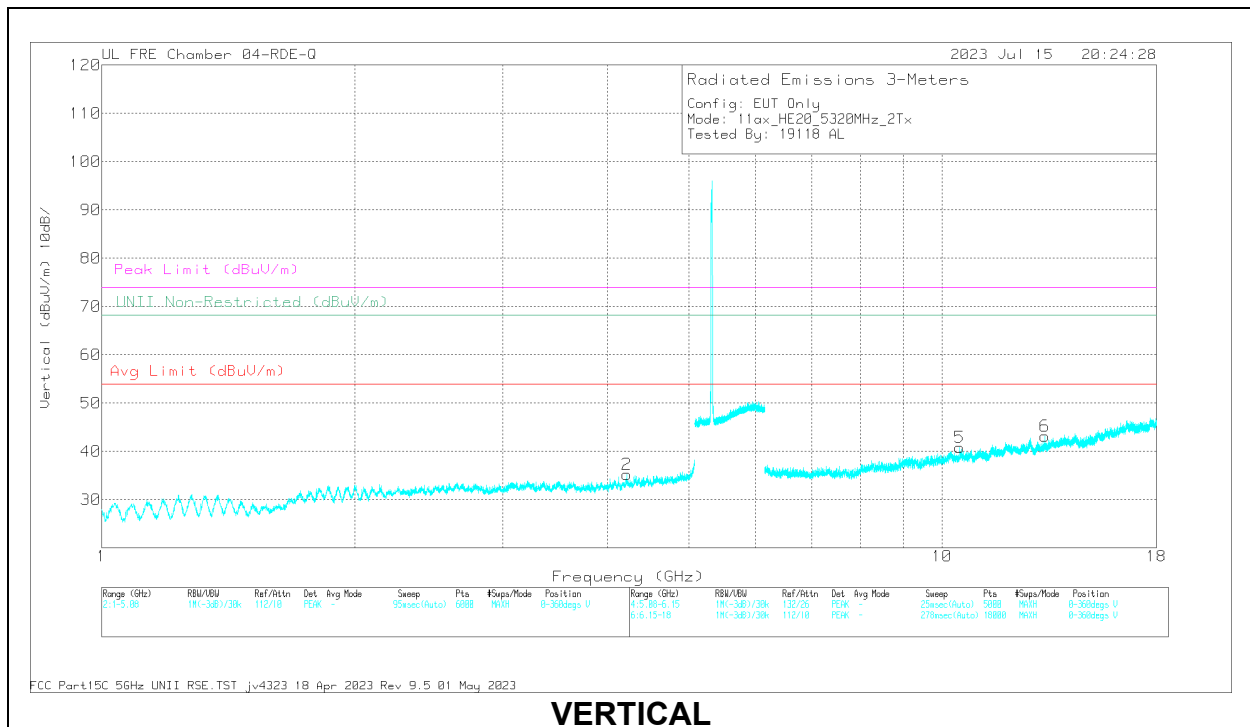
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB) - 3mH	Amp/C bl/Filtr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.670114	39.76	PK-U	33.2	-29.3	43.66	-	-	74	-30.34	-	-	202	165	H
	* 3.670862	27.78	ADR	33.2	-29.3	31.68	54	-22.32	-	-	-	-	202	165	H
2	* 3.671937	39.74	PK-U	33.2	-29.3	43.64	-	-	74	-30.36	-	-	133	330	V
	* 3.671565	27.73	ADR	33.2	-29.3	31.63	54	-22.37	-	-	-	-	133	330	V
3	* 7.302684	34.1	PK-U	35.6	-20.7	49	-	-	74	-25	-	-	238	277	H
	* 7.301705	21.84	ADR	35.6	-20.7	36.74	54	-17.26	-	-	-	-	238	277	H
5	10.592206	32.85	PK-U	37.5	-18.3	52.05	-	-	-	-	68.2	-16.15	92	255	H
4	* 7.304582	33.21	PK-U	35.6	-20.7	48.11	-	-	74	-25.89	-	-	181	288	V
	* 7.30089	21.98	ADR	35.6	-20.7	36.88	54	-17.12	-	-	-	-	181	288	V
6	10.589251	33.66	PK-U	37.5	-18.4	52.76	-	-	-	-	68.2	-15.44	262	177	V

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

**HIGH CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.823757	58.38	PK-U	32.2	-47.05	43.53	-	-	74	-30.47	-	-	105	398	H
	2.824367	46.31	ADR	32.2	-47.06	31.45	54	-22.55	-	-	-	-	105	398	H
2	4.217158	45.63	ADR	33.5	-46.52	32.61	54	-21.39	-	-	-	-	9	312	V
	4.217618	57.41	PK-U	33.5	-46.51	44.4	-	-	74	-29.6	-	-	9	312	V
3	8.244947	55.76	PK-U	35.9	-44.01	47.65	-	-	74	-26.35	-	-	35	329	H
	8.246693	44.12	ADR	35.9	-43.97	36.05	54	-17.95	-	-	-	-	35	329	H
5	10.50099	57.19	PK-U	37.6	-45.02	49.77	-	-	-	-	68.2	-18.43	238	147	V
	10.503513	45.52	ADR	37.6	-45.01	38.11	-	-	-	-	-	-	238	147	V
4	11.065145	56.35	PK-U	37.9	-45	49.25	-	-	74	-24.75	-	-	267	356	H
	11.072515	44.77	ADR	37.9	-44.94	37.73	54	-16.27	-	-	-	-	267	356	H
6	13.253393	43.43	ADR	39.3	-42.67	39.86	54	-14.14	-	-	-	-	249	209	V
	13.25542	55.5	PK-U	39.3	-42.85	51.95	-	-	74	-22.05	-	-	249	209	V

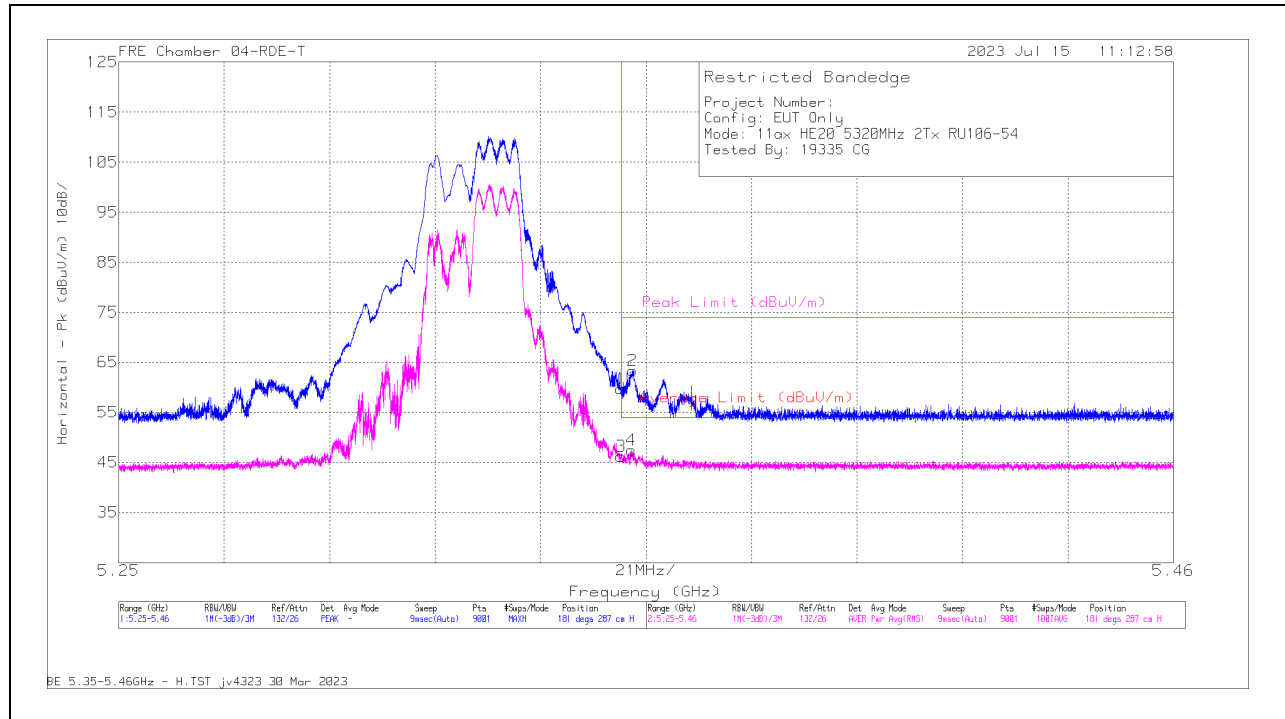
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**2TX Antenna 6 + Antenna 5 OFDMA MODE: 106-Tones, RU Index 54**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

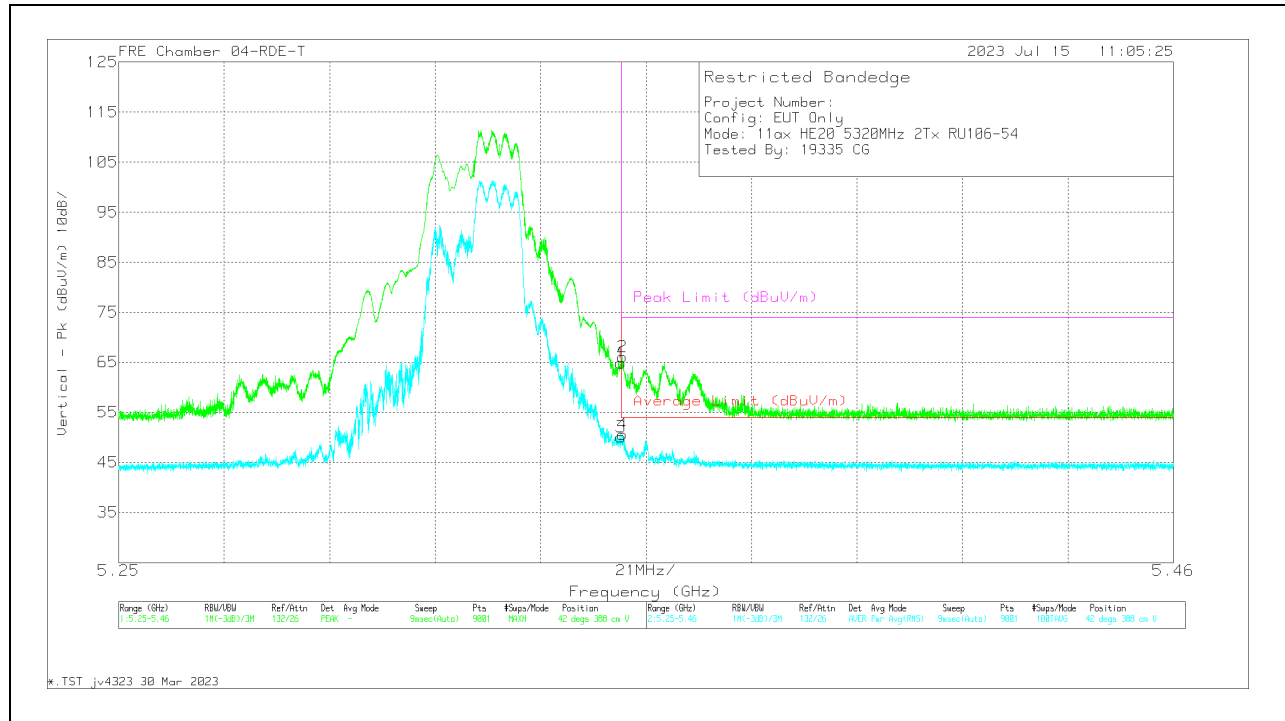


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	60.61	Pk	34.5	0	-35.37	59.74	-	-	74	-14.26	181	287	H
2	* 5.352339	64.2	Pk	34.5	0	-35.36	63.34	-	-	74	-10.66	181	287	H
3	* 5.35	46.52	RMS	34.5	.56	-35.37	46.21	54	-7.79	-	-	181	287	H
4	* 5.352059	47.73	RMS	34.5	.56	-35.36	47.43	54	-6.57	-	-	181	287	H

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

**VERTICAL RESULT**



**Trace Markers**

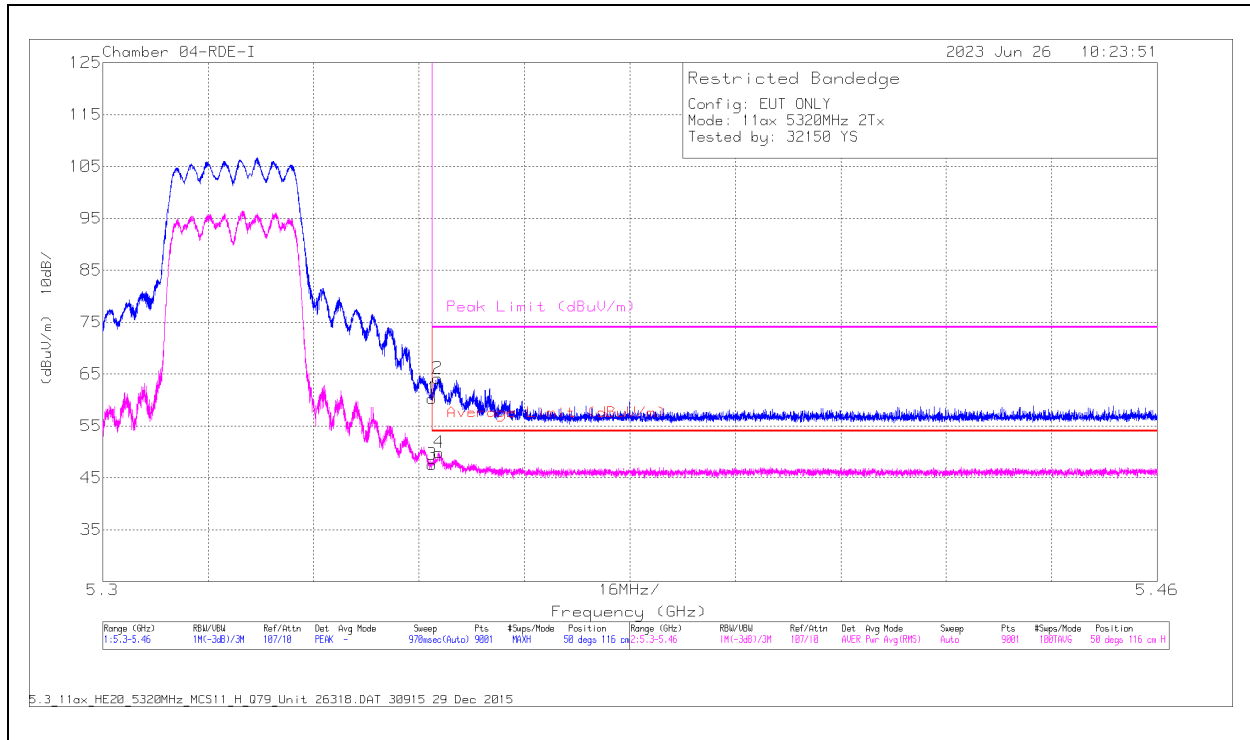
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 5mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	65.75	PK	34.5	0	-35.37	64.88	-	-	74	-9.12	42	388	V
2	* 5.350309	66.98	PK	34.5	0	-35.37	66.11	-	-	74	-7.89	42	388	V
3	* 5.35	50.41	RMS	34.5	56	-35.37	50.1	54	-3.9	-	-	42	388	V
4	* 5.350332	50.85	RMS	34.5	56	-35.37	50.54	54	-3.46	-	-	42	388	V

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

**2TX Antenna 6 + Antenna 5 OFDMA MODE: SU, Single User**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84757 ACF (dB) - 3mH	Chl/Amp (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	* 5.35	-41.69	Pk	34.8	-16.2	0	60.29	-	-	74	-13.71	50	116	H
2	* 5.35081	-45.7	Pk	34.8	-16.3	0	64.2	-	-	74	-9.8	50	116	H
3	* 5.35	-28.38	RMS	34.8	-16.2	.61	47.59	54	-6.41	-	-	50	116	H
4	* 5.351023	-30.79	RMS	34.8	-16.3	.61	49.9	54	-4.1	-	-	50	116	H

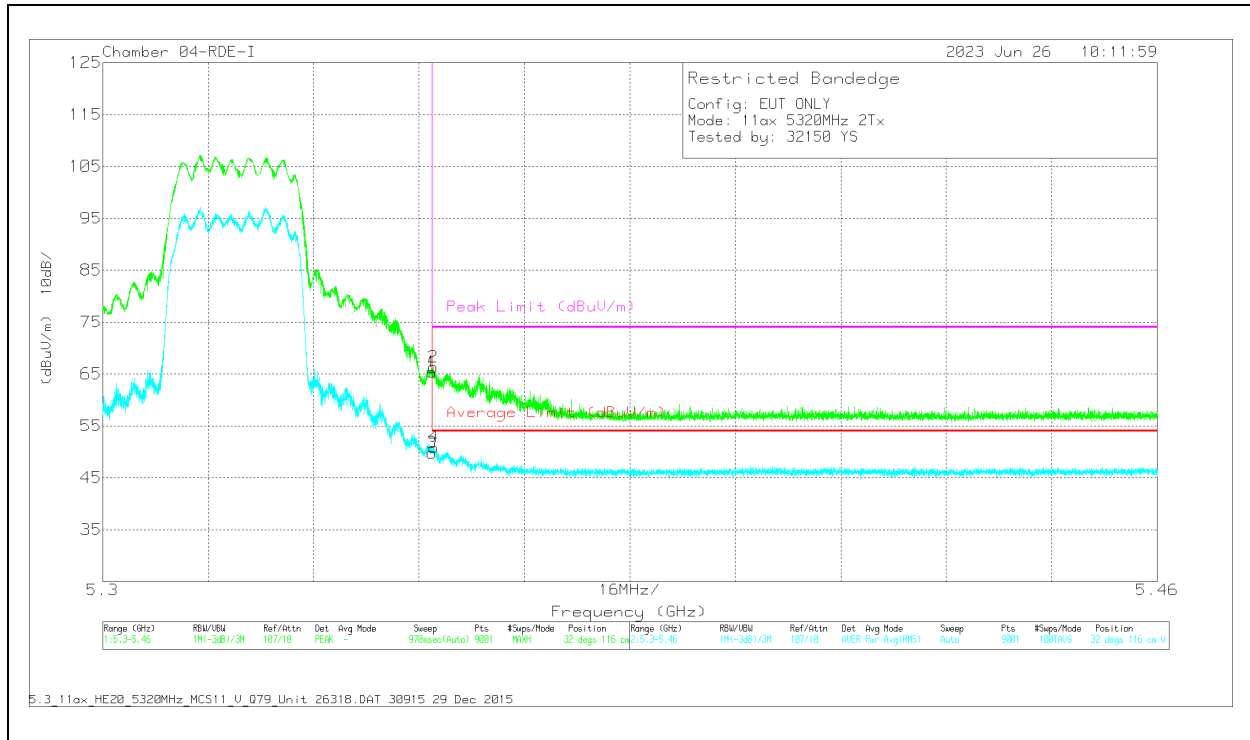
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection



**VERTICAL RESULT**



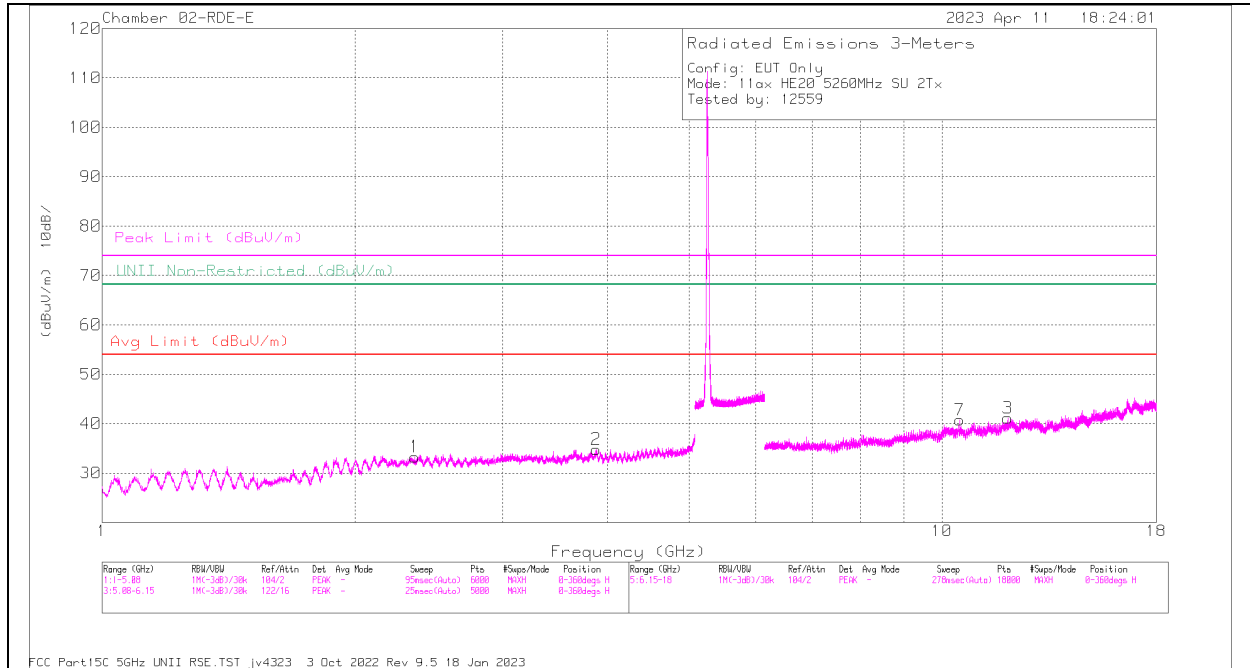
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB) - 3mH	Cb/Amp (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	* 5.35	46.76	Pk	34.8	-16.2	0	65.36	-	-	74	-8.64	32	116	V
2	* 5.35017	47.7	Pk	34.8	-16.2	0	66.3	-	-	74	-7.7	32	116	V
3	* 5.35	30.6	RMS	34.8	-16.2	.61	49.81	54	-4.19	-	-	32	116	V
4	* 5.350241	31.67	RMS	34.8	-16.2	.61	50.88	54	-3.12	-	-	32	116	V

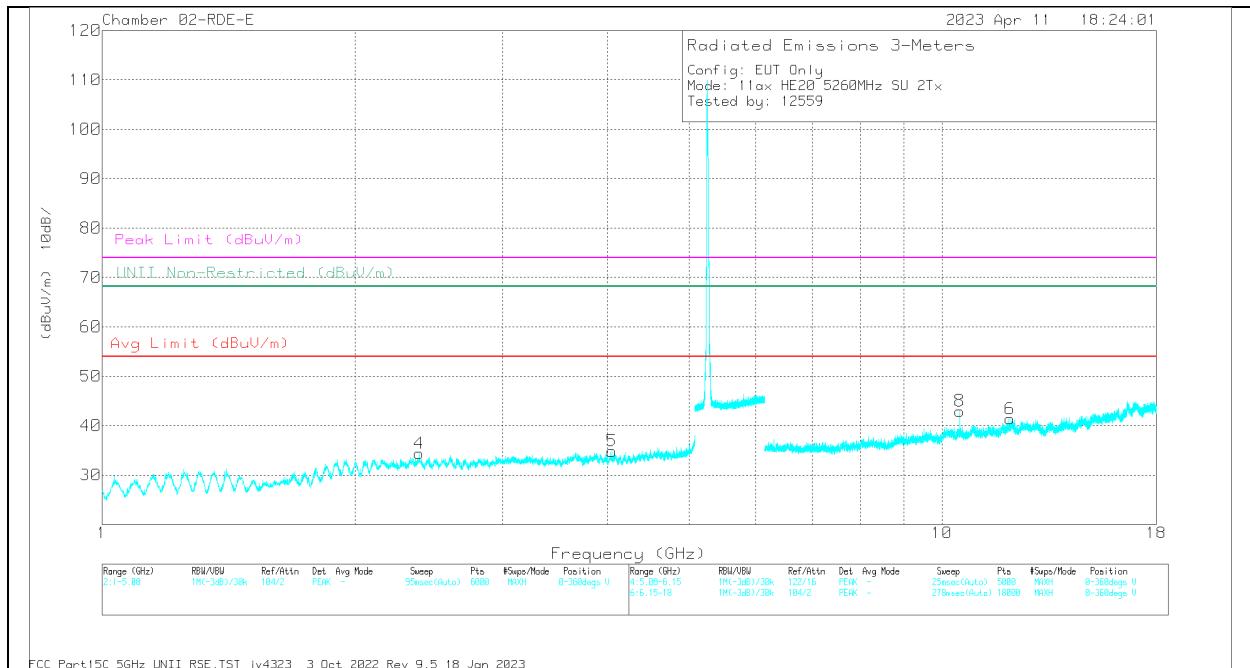
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
Pk - Peak detector  
RMS - RMS detection

# 1.1.26. 5.3GHz, 11ax HE20 SU 2TX HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



## HORIZONTAL



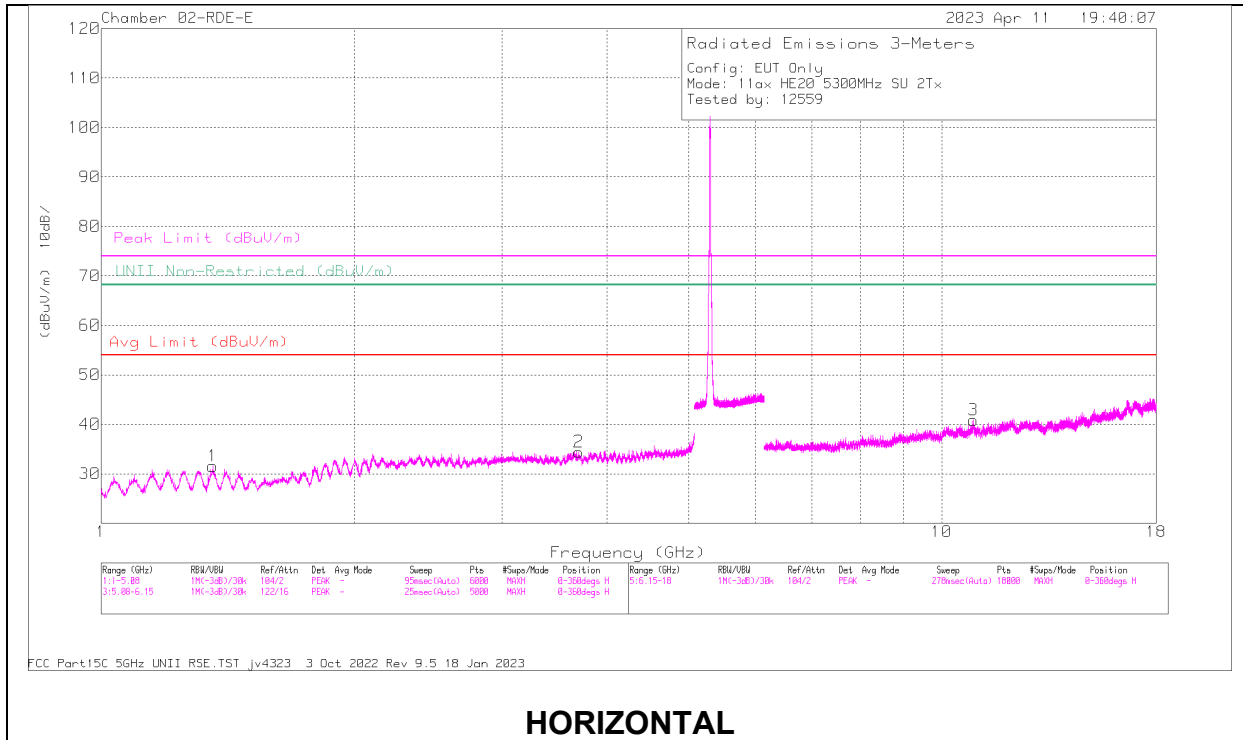
## VERTICAL

**RADIATED EMISSIONS**

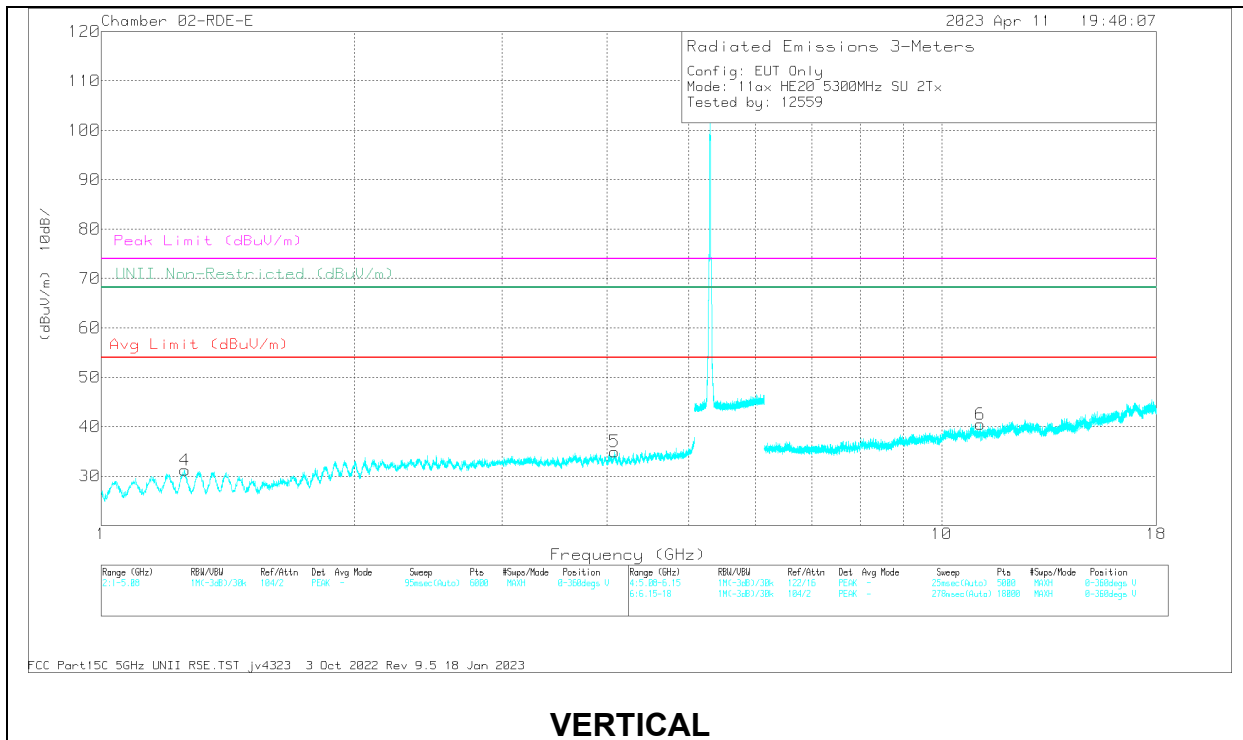
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB) 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.354714	59.89	PK-U	32.1	-49.27	42.72	-	-	74	-31.28	-	-	360	101	H
	* 2.354389	48.27	ADR	32.1	-49.27	31.1	54	-22.9	-	-	-	-	360	101	H
2	* 3.874597	56.81	PK-U	33.5	-45.74	44.57	-	-	74	-29.43	-	-	360	101	H
	* 3.87339	44.92	ADR	33.5	-45.76	32.66	54	-21.34	-	-	-	-	360	101	H
4	* 2.386604	60.6	PK-U	32.3	-49.04	43.86	-	-	74	-30.14	-	-	360	101	V
	* 2.384382	48.71	ADR	32.2	-49.08	31.83	54	-22.17	-	-	-	-	360	101	V
5	* 4.042715	56.57	PK-U	33.4	-46.05	43.92	-	-	74	-30.08	-	-	360	200	V
	* 4.043465	44.84	ADR	33.4	-46.05	32.19	54	-21.81	-	-	-	-	360	200	V
3	* 11.97686	54.58	PK-U	38.8	-42.78	50.6	-	-	74	-23.4	-	-	360	200	H
	* 11.978504	42.83	ADR	38.8	-42.77	38.86	54	-15.14	-	-	-	-	360	200	H
6	* 12.044407	54.47	PK-U	38.9	-42.84	50.53	-	-	74	-23.47	-	-	360	101	V
	* 12.046575	42.72	ADR	38.9	-42.8	38.82	54	-15.18	-	-	-	-	360	101	V
7	10.502102	54.66	PK-U	37.7	-43.56	48.8	-	-	-	-	68.2	-19.4	360	101	H
8	10.502683	54.98	PK-U	37.7	-43.54	49.14	-	-	-	-	68.2	-19.06	360	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

**MID CHANNEL RESULTS**



**HORIZONTAL**



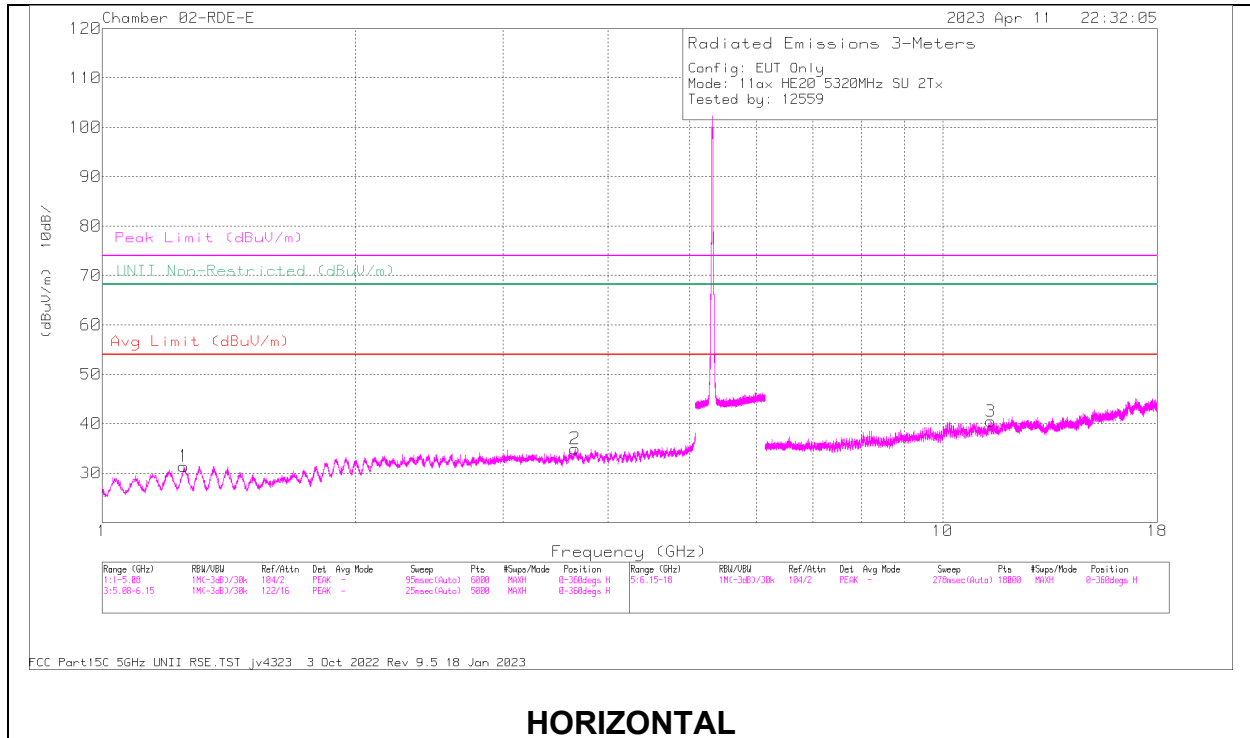
**VERTICAL**

**RADIATED EMISSIONS**

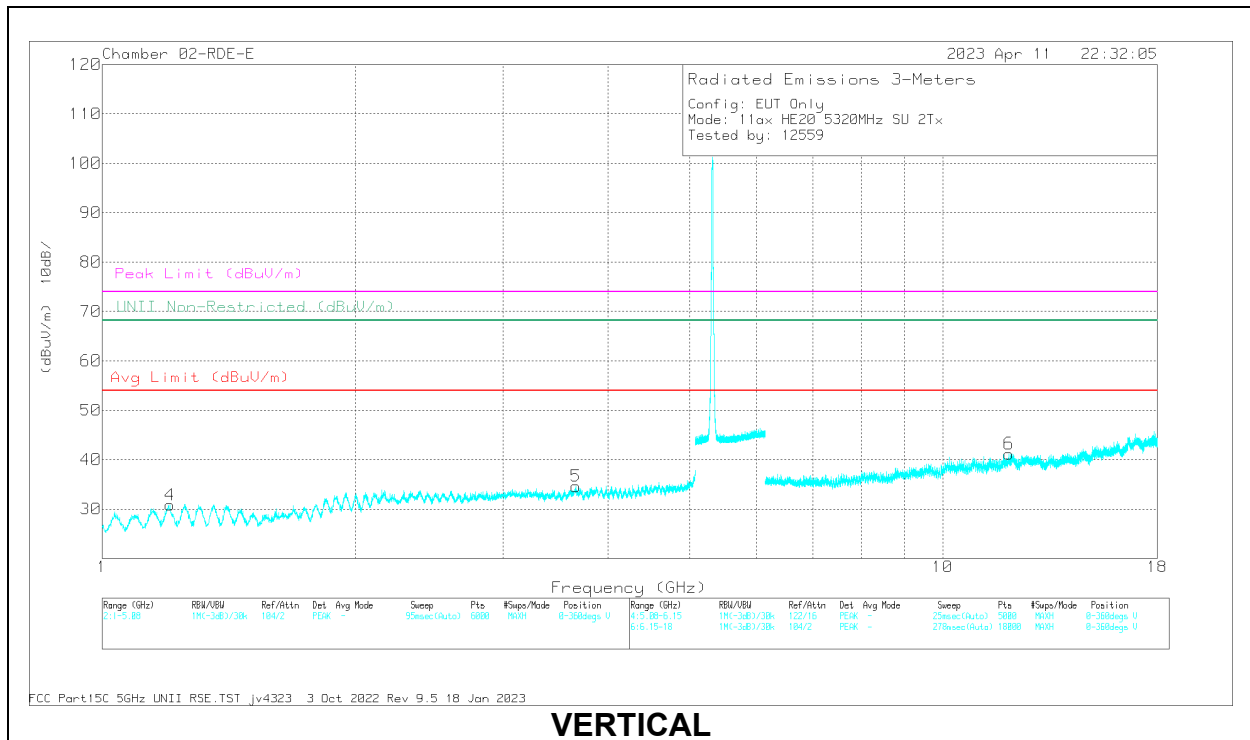
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB) 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.358631	61.86	PK-U	28.9	-49.46	41.3	-	-	74	-32.7	360	198	H
	* 1.356827	49.83	ADR	28.9	-49.45	29.28	54	-24.72	-	-	360	198	H
2	* 3.698924	56.09	PK-U	33.5	-45.79	43.8	-	-	74	-30.2	360	198	H
	* 3.697599	44.68	ADR	33.5	-45.82	32.36	54	-21.64	-	-	360	198	H
5	* 4.080853	56.45	PK-U	33.4	-45.96	43.89	-	-	74	-30.11	360	101	V
	* 4.079021	45.38	ADR	33.5	-46	32.88	54	-21.12	-	-	360	101	V
4	* 1.258697	61.55	PK-U	29	-49.54	41.01	-	-	74	-32.99	360	200	V
	* 1.256271	49.67	ADR	29	-49.5	29.17	54	-24.83	-	-	360	200	V
3	* 10.910705	54.44	PK-U	37.8	-42.64	49.6	-	-	74	-24.4	360	101	H
	* 10.909648	42.68	ADR	37.8	-42.65	37.83	54	-16.17	-	-	360	101	H
6	* 11.1206	53.45	PK-U	38	-42.27	49.18	-	-	74	-24.82	360	200	V
	* 11.121476	41.59	ADR	38	-42.24	37.35	54	-16.65	-	-	360	200	V

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

**HIGH CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB) 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.24792	61.79	PK-U	28.9	-49.5	41.19	-	-	74	-32.81	360	101	H
	* 1.25051	49.82	ADR	28.9	-49.45	29.27	54	-24.73	-	-	360	101	H
2	* 3.651902	57.22	PK-U	33.4	-46.11	44.51	-	-	74	-29.49	360	101	H
	* 3.65345	45.59	ADR	33.4	-46.09	32.9	54	-21.1	-	-	360	101	H
4	* 1.204934	61.27	PK-U	28.6	-49.6	40.27	-	-	74	-33.73	360	101	V
	* 1.202408	49.77	ADR	28.6	-49.59	28.78	54	-25.22	-	-	360	101	V
5	* 3.663688	56.59	PK-U	33.4	-46.04	43.95	-	-	74	-30.05	360	101	V
	* 3.661566	45.24	ADR	33.4	-46	32.64	54	-21.36	-	-	360	101	V
3	* 11.3984	53.39	PK-U	38.2	-42.49	49.1	-	-	74	-24.9	360	101	H
	* 11.400226	41.72	ADR	38.2	-42.47	37.45	54	-16.55	-	-	360	101	H
6	* 11.984109	54.43	PK-U	38.8	-42.78	50.45	-	-	74	-23.55	360	200	V
	* 11.98249	42.74	ADR	38.8	-42.78	38.76	54	-15.24	-	-	360	200	V

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

PK-U - U-NII: Maximum Peak

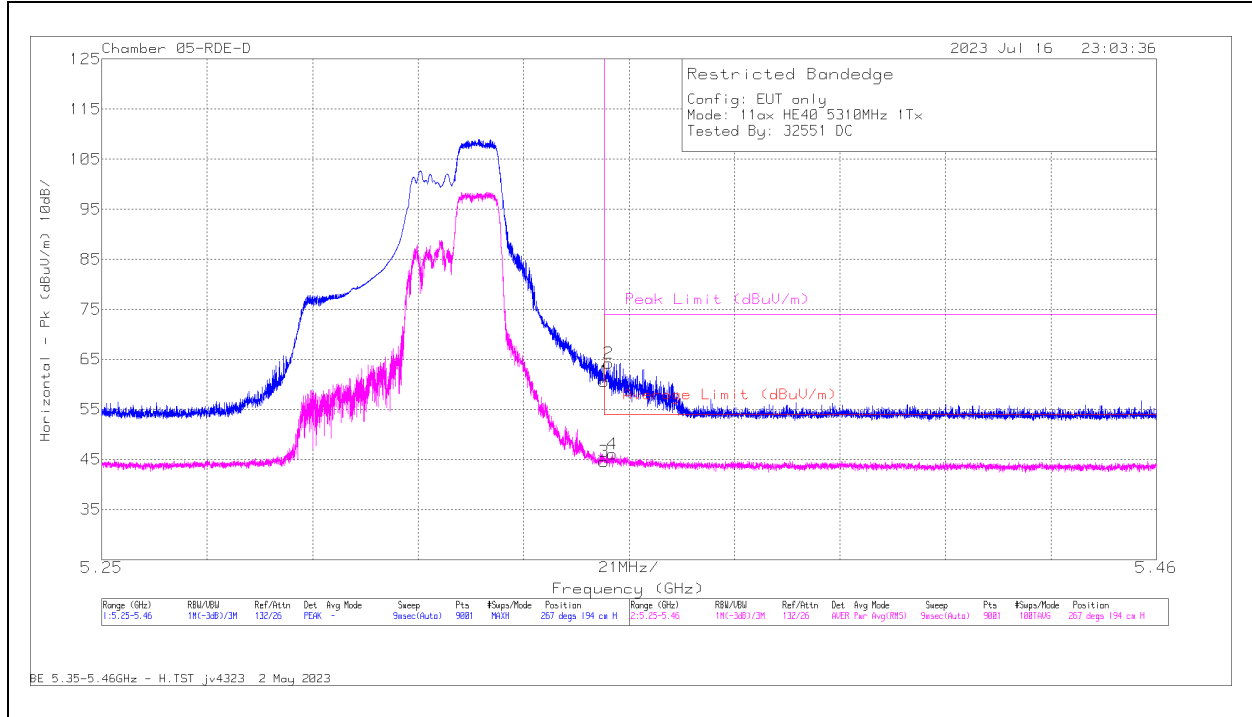
ADR - U-NII AD primary method, RMS average

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

#### 1TX Antenna 6 MODE: 106-Tones, RU Index 56

#### BANDEDGE (HIGH CHANNEL)

#### HORIZONTAL RESULT



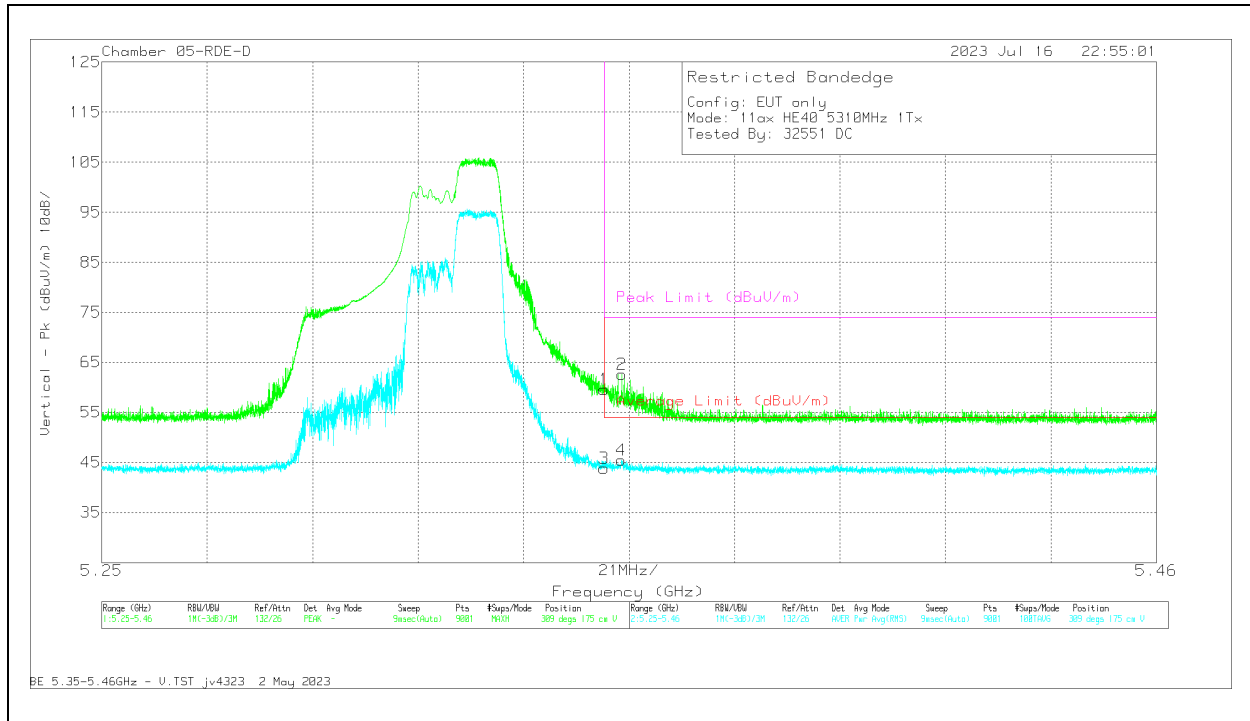
#### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	64.13	Pk	34.9	0	-38.42	60.61	-	-	74	-13.39	267	194	H
3	5.35	47.65	RMS	34.9	0.54	-38.42	44.67	54	-9.33	-	-	267	194	H
2	5.35092	67.77	Pk	34.9	0	-38.4	64.27	-	-	74	-9.73	267	194	H
4	5.35169	49.05	RMS	34.9	0.54	-38.37	46.12	54	-7.88	-	-	267	194	H

Pk - Peak detector  
 RMS - RMS detection



**VERTICAL RESULT**



**Trace Markers**

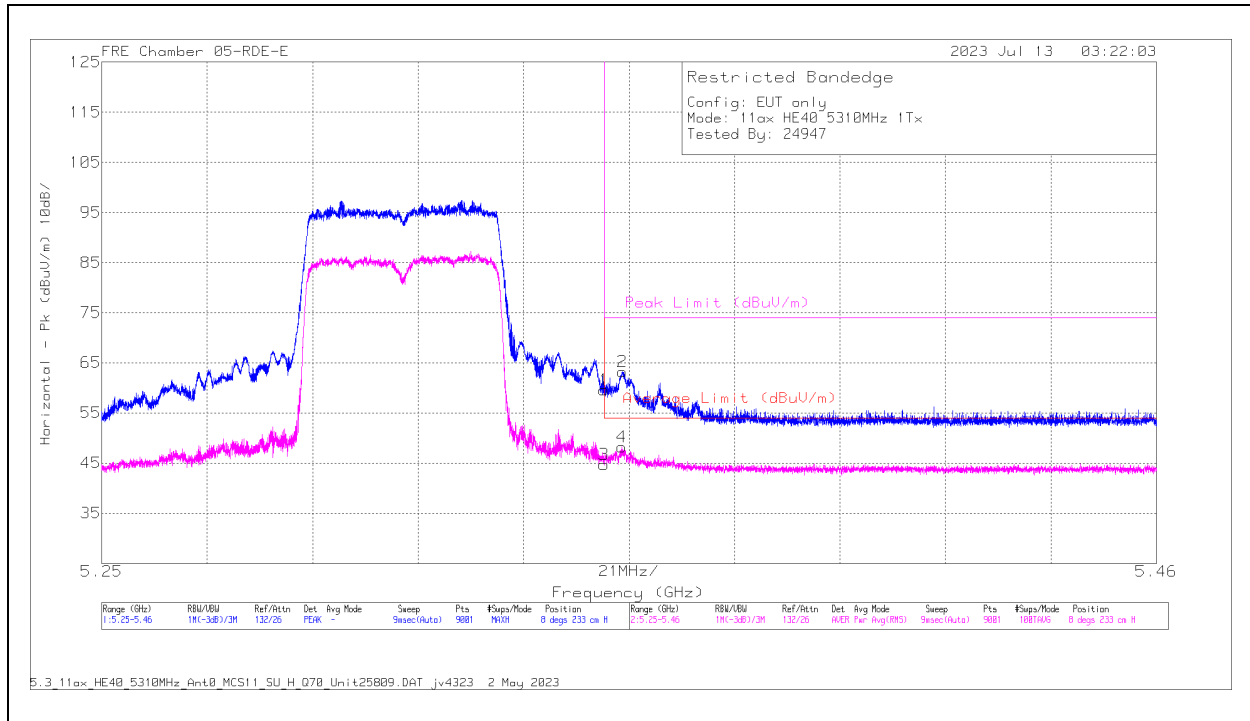
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB) 3MHz	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	63.1	Pk	34.9	0	-38.42	59.58	-	-	74	-14.42	309	175	V
3	5.35	46.87	RMS	34.9	0.54	-38.42	43.89	54	-10.11	-	-	309	175	V
4	5.35341	48.42	RMS	34.9	0.54	-38.35	45.51	54	-8.49	-	-	309	175	V
2	5.35358	66.08	Pk	34.9	0	-38.35	62.63	-	-	74	-11.37	309	175	V

Pk - Peak detector  
 RMS - RMS detection

**1TX Antenna 6 MODE: SU, Single User**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

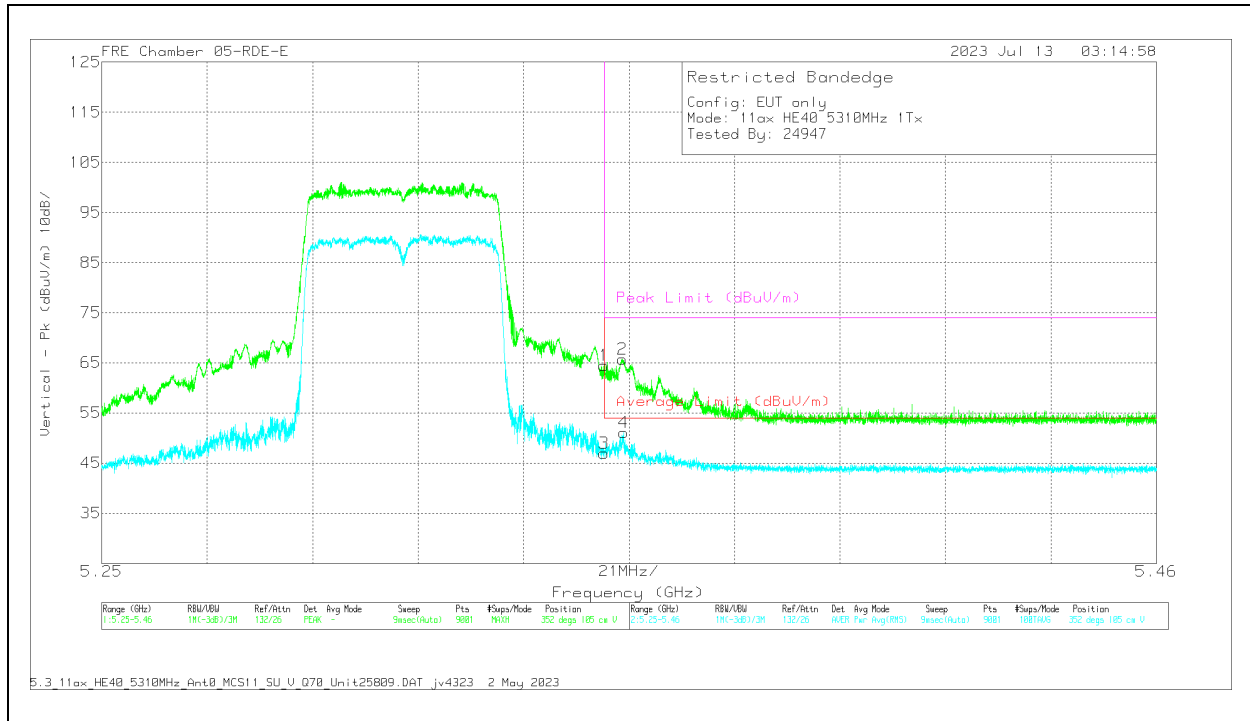


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	22671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	63.6	Pk	34.7	0	-38.67	59.63	-	-	74	-14.37	8	233	H
3	5.35	47.89	RMS	34.7	.84	-38.67	44.76	54	-9.24	-	-	8	233	H
4	5.353599	51.26	RMS	34.7	.84	-38.62	48.18	54	-5.82	-	-	8	233	H
2	5.353739	67.14	Pk	34.7	0	-38.62	63.22	-	-	74	-10.78	8	233	H

PK - Peak detector  
RMS - RMS detection

**VERTICAL RESULT**



**Trace Markers**

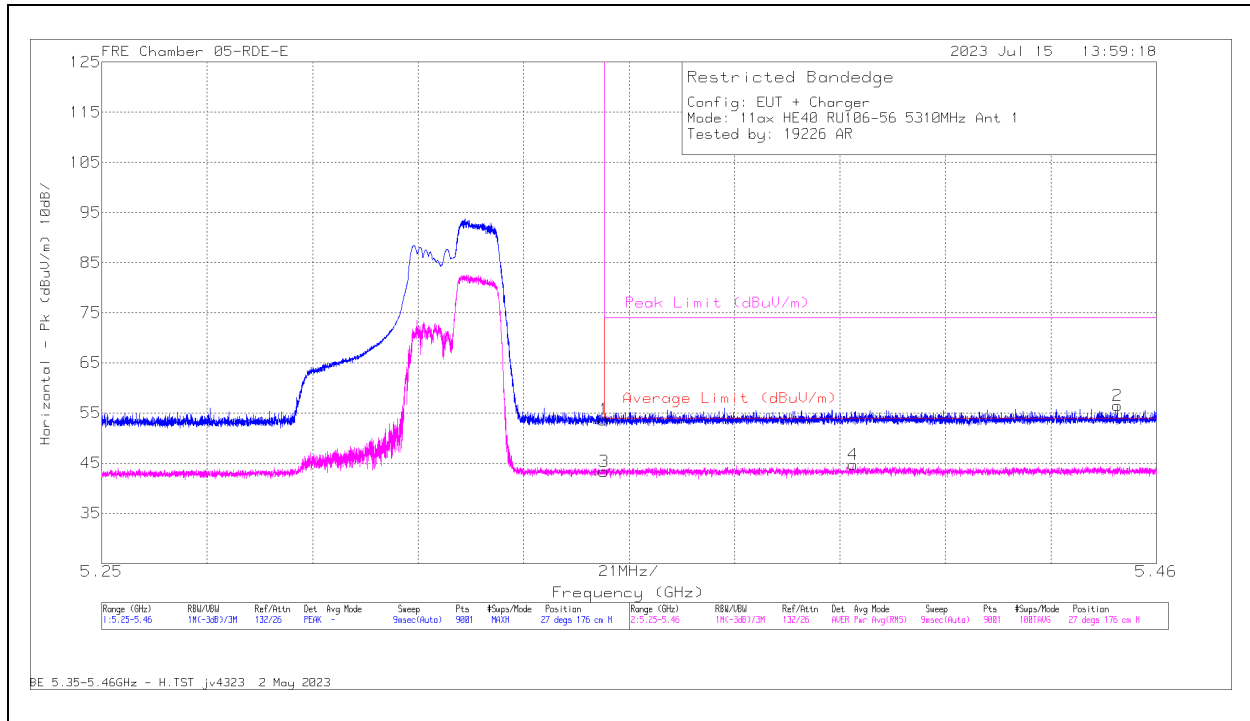
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Z26671 ACF (dB) 3mHz	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	68.42	Pk	34.7	0	-38.67	64.45	-	-	74	-9.55	352	105	V
3	5.35	50.11	RMS	34.7	.84	-38.67	46.98	54	-7.02	-	-	352	105	V
2	5.353622	69.69	Pk	34.7	0	-38.62	65.77	-	-	74	-8.23	352	105	V
4	5.353902	54.21	RMS	34.7	.84	-38.62	51.13	54	-2.87	-	-	352	105	V

Pk - Peak detector  
RMS - RMS detection

**1TX Antenna 5 MODE: 106-Tones, RU Index 56**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

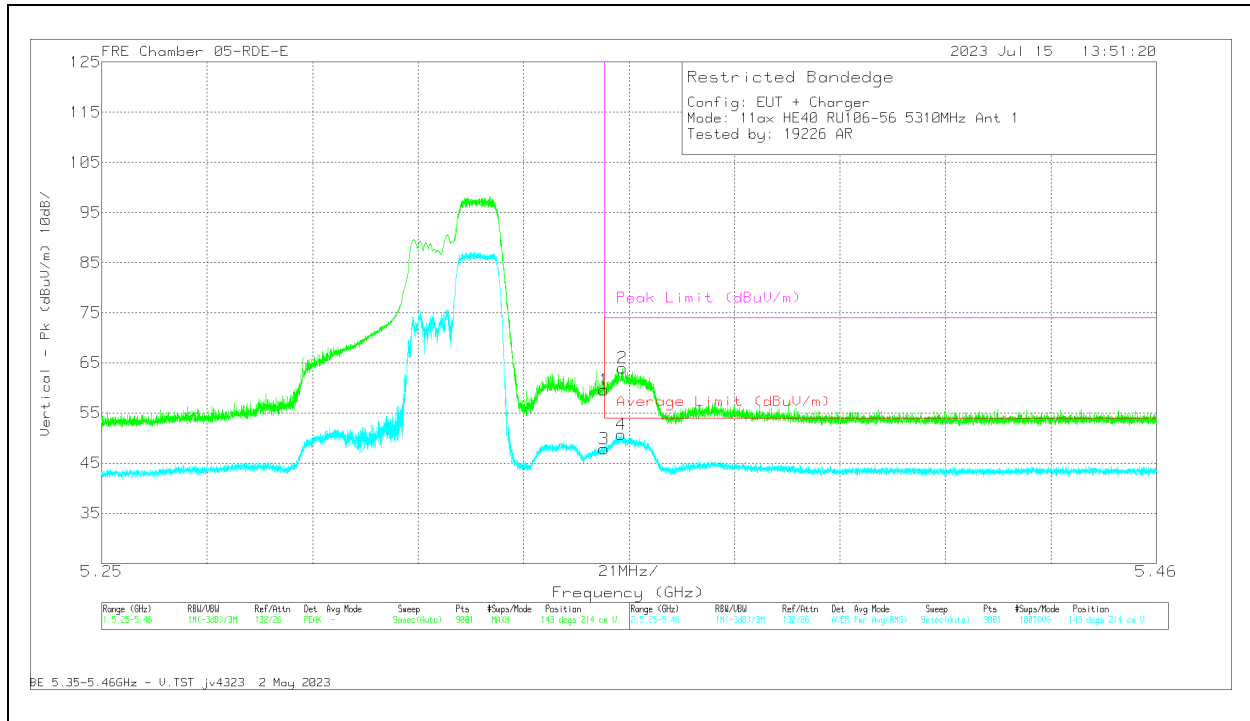


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	57.63	Pk	34.7	0	-38.67	53.66	-	-	74	-20.34	27	176	H
3	5.35	46.75	RMS	34.7	.54	-38.67	43.32	54	-10.68	-	-	27	176	H
4	5.399611	47.93	RMS	34.7	.54	-38.5	44.67	54	-9.33	-	-	27	176	H
2	5.452227	60.03	Pk	34.8	0	-38.37	56.46	-	-	74	-17.54	27	176	H

Pk - Peak detector  
RMS - RMS detection

**VERTICAL RESULT**



**Trace Markers**

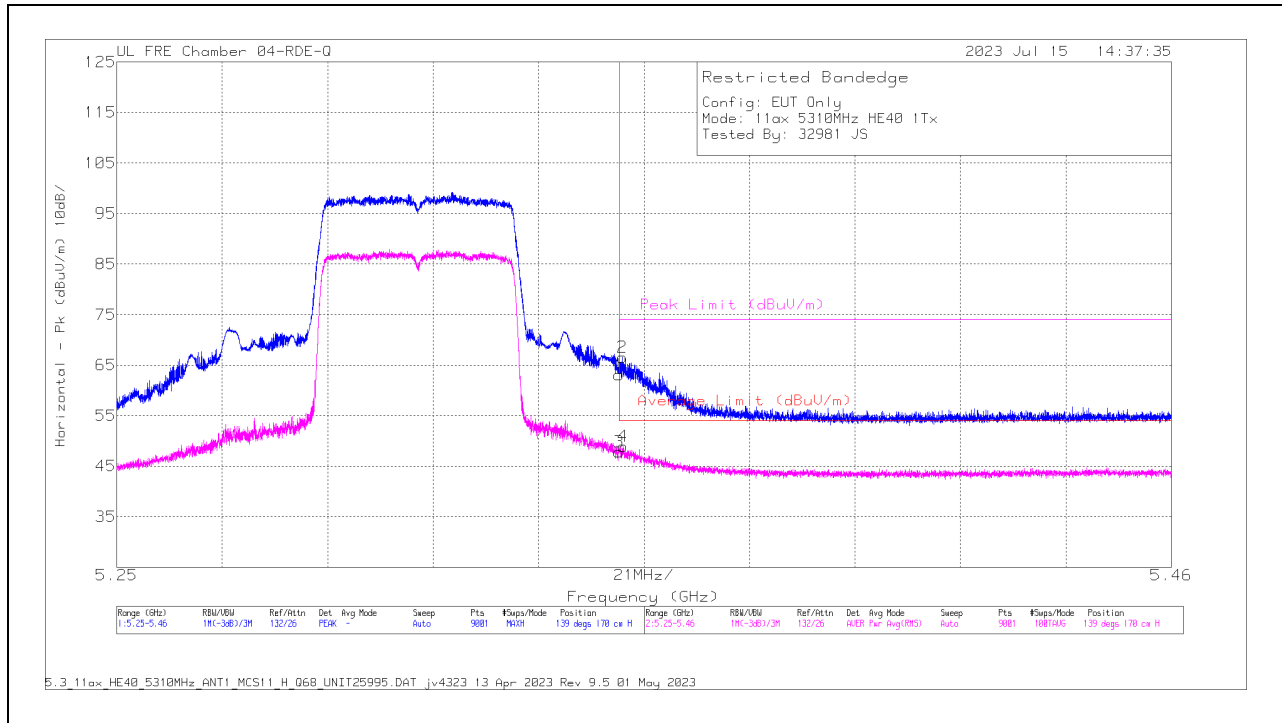
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Z26671 ACF (dB) 3mit	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	63.6	Pk	34.7	0	-38.67	59.63	-	-	74	-14.37	143	214	V
3	5.35	51.25	RMS	34.7	.54	-38.67	47.82	54	-6.18	-	-	143	214	V
4	5.353482	54.1	RMS	34.7	.54	-38.63	50.71	54	-3.29	-	-	143	214	V
2	5.353739	67.92	Pk	34.7	0	-38.62	64	-	-	74	-10	143	214	V

Pk - Peak detector  
RMS - RMS detection

**1TX Antenna 5 MODE: SU, Single User**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

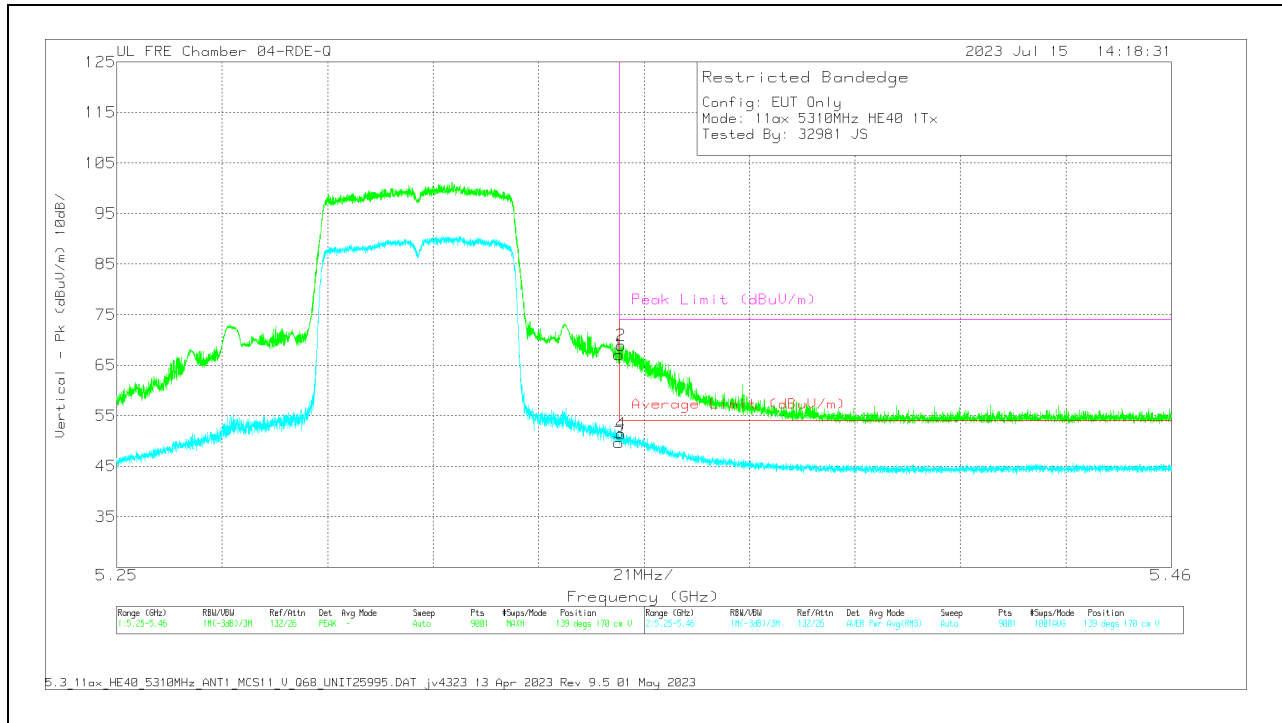


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB) - 3mH	Gain/Loss (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	5.35	65.37	Pk	34.2	-36.54	0	63.03	-	-	74	-10.97	139	170	H
3	5.35	50.15	RMS	34.2	-36.54	0.84	48.65	54	-5.35	-	-	139	170	H
2	5.35068	68.97	Pk	34.2	-36.57	0	66.6	-	-	74	-7.4	139	170	H
4	5.35078	51.3	RMS	34.2	-36.57	0.84	49.77	54	-4.23	-	-	139	170	H

Pk - Peak detector  
 RMS - RMS detection

**VERTICAL RESULT**



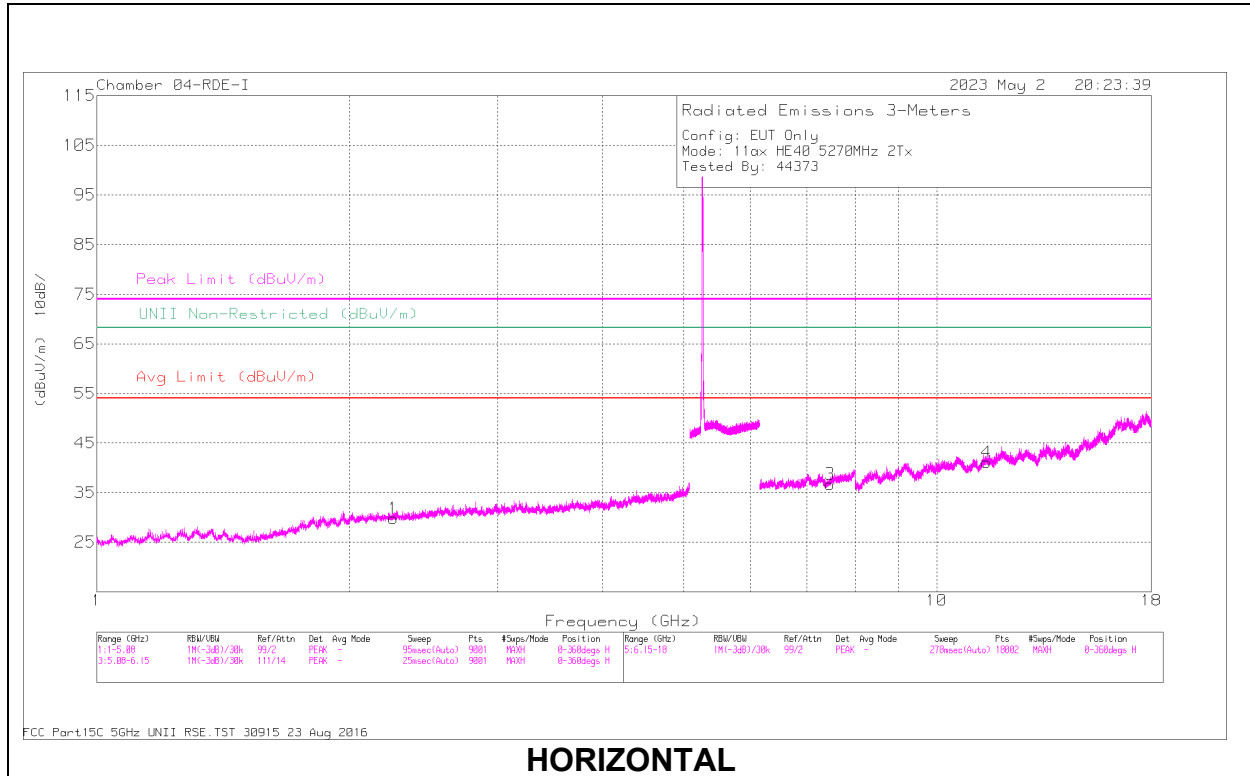
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB) - 3mH	DCCF (dB)	GainLoss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	69.39	Pk	34.2	0	-36.54	67.05	-	-	74	-6.95	139	170	V
3	5.35	51.13	RMS	34.2	0.84	-36.54	49.63	54	-4.37	-	-	139	170	V
2	5.35045	71.24	Pk	34.2	0	-36.57	68.87	-	-	74	-5.13	139	170	V
4	5.35047	52.91	RMS	34.2	0.84	-36.57	51.38	54	-2.62	-	-	139	170	V

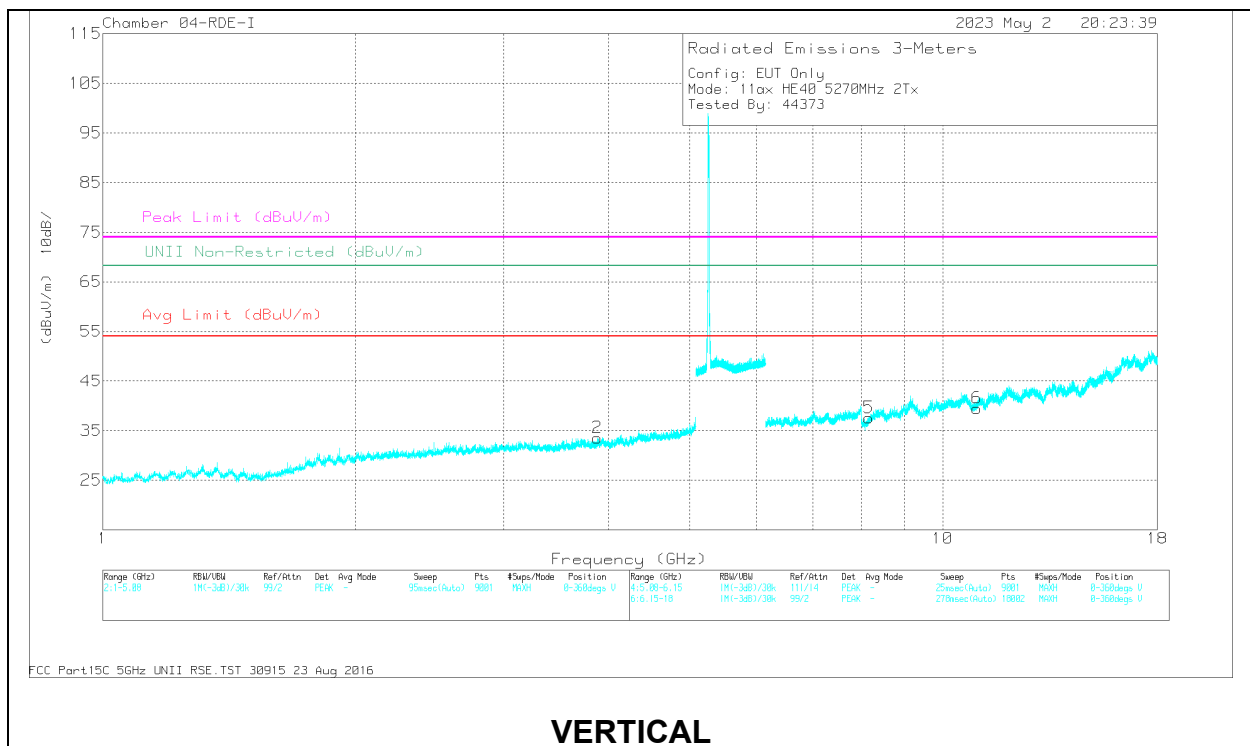
Pk - Peak detector  
 RMS - RMS detection

# 1.1.28. 5.3GHz 11ax HE40 RU106 2TX, HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL



**RADIATED EMISSIONS**

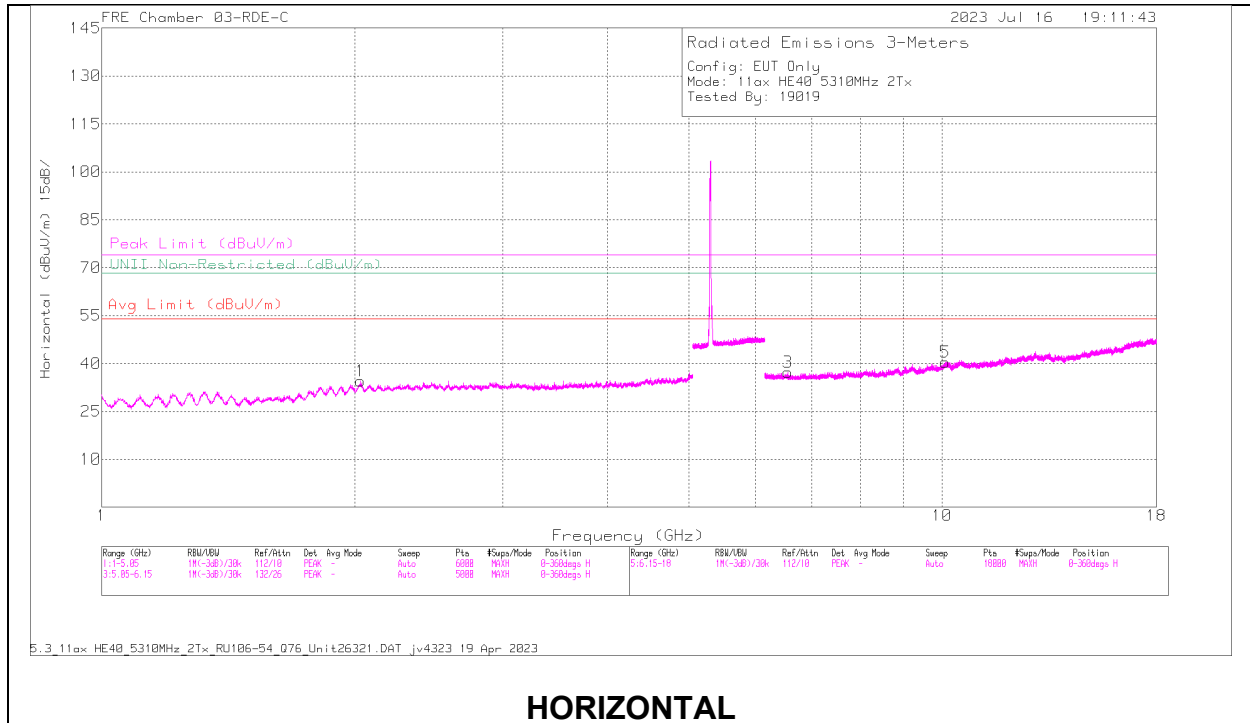
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB) - 3mH	Amp/Cbl/Filtr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.254911	40.81	PK-U	31.8	-31.5	41.11	-	-	74	-32.89	360	200	H
	* 2.253566	28.99	ADR	31.8	-31.4	29.39	54	-24.61	-	-	360	200	H
2	* 3.880219	38.47	PK-U	33.2	-28.9	42.77	-	-	74	-31.23	360	101	V
	* 3.879312	26.87	ADR	33.2	-29	31.07	54	-22.93	-	-	360	101	V
3	* 7.464045	33.67	PK-U	35.6	-21.2	48.07	-	-	74	-25.93	360	200	H
	* 7.46294	21.74	ADR	35.6	-21.2	36.14	54	-17.86	-	-	360	200	H
4	* 11.462108	32.58	PK-U	38	-18.6	51.98	-	-	74	-22.02	360	200	H
	* 11.461969	20.99	ADR	38	-18.6	40.39	54	-13.61	-	-	360	200	H
5	* 8.163135	32.1	PK-U	35.8	-19.9	48	-	-	74	-26	360	101	V
	* 8.164954	20.18	ADR	35.8	-20	35.98	54	-18.02	-	-	360	101	V
6	* 10.979502	31.59	PK-U	37.6	-18.8	50.39	-	-	74	-23.61	360	200	V
	* 10.978141	20.41	ADR	37.6	-18.8	39.21	54	-14.79	-	-	360	200	V

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

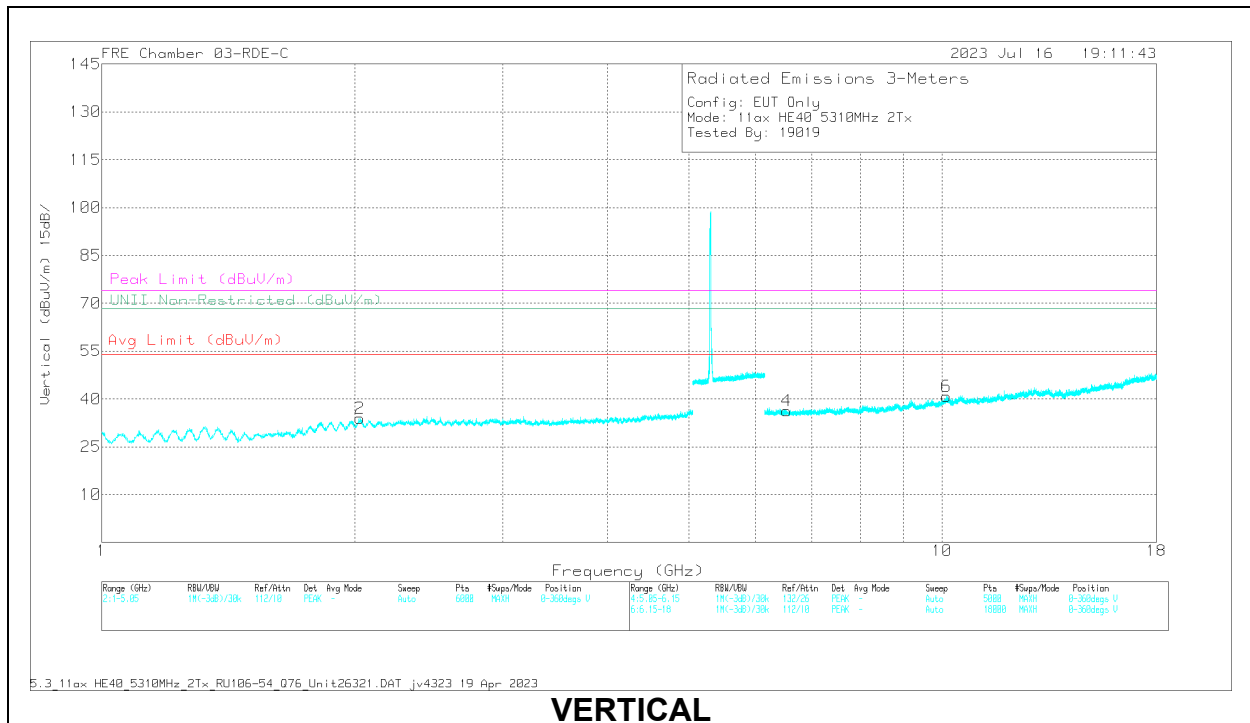
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**HIGH CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB) 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	2.028351	60.53	PK-U	31.5	-48.16	43.87	68.2	-24.33	164	283	V
1	2.033646	60.38	PK-U	31.5	-48.2	43.68	68.2	-24.52	0	136	H
4	6.529454	56.42	PK-U	35.5	-45.4	46.52	68.2	-21.68	10	325	V
3	6.551931	56.22	PK-U	35.5	-45.41	46.31	68.2	-21.89	127	246	H
5	10.085498	57.06	PK-U	37.2	-44.6	49.66	68.2	-18.54	50	226	H
6	10.12008	57.2	PK-U	37.2	-44.29	50.11	68.2	-18.09	260	234	V

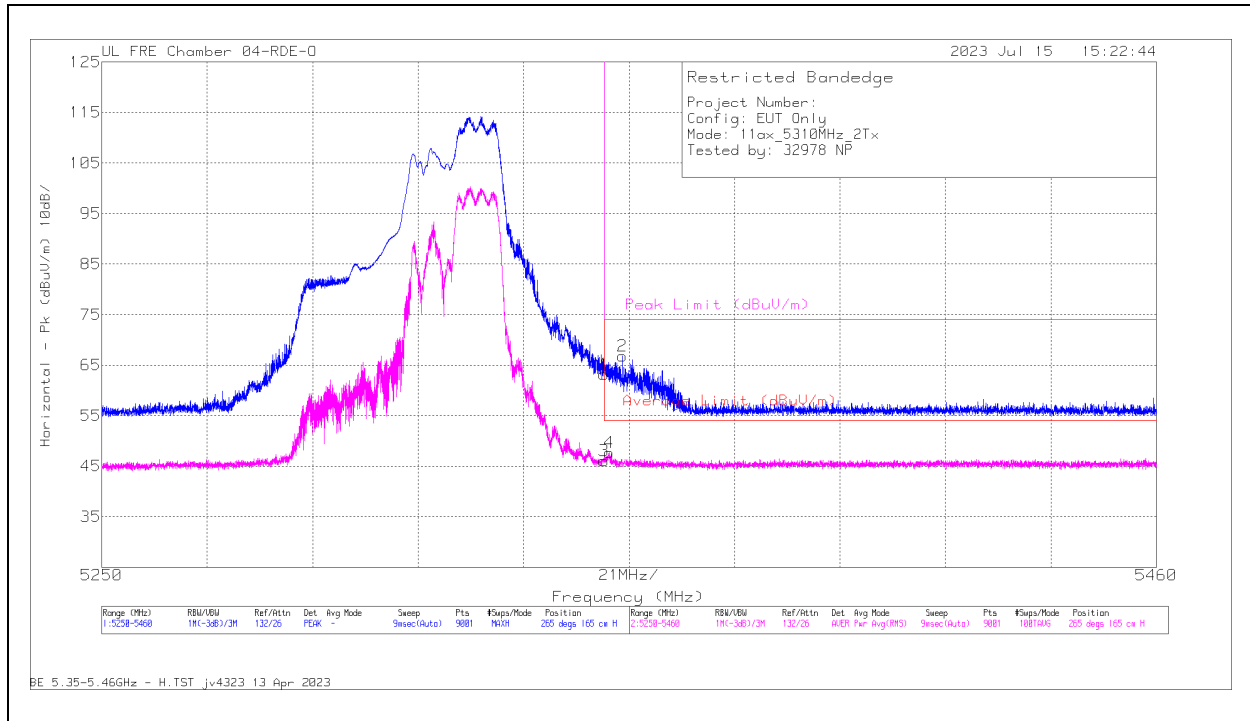
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**2TX Antenna 6 + Antenna 5 OFDMA MODE: 106-Tones, RU Index 56**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

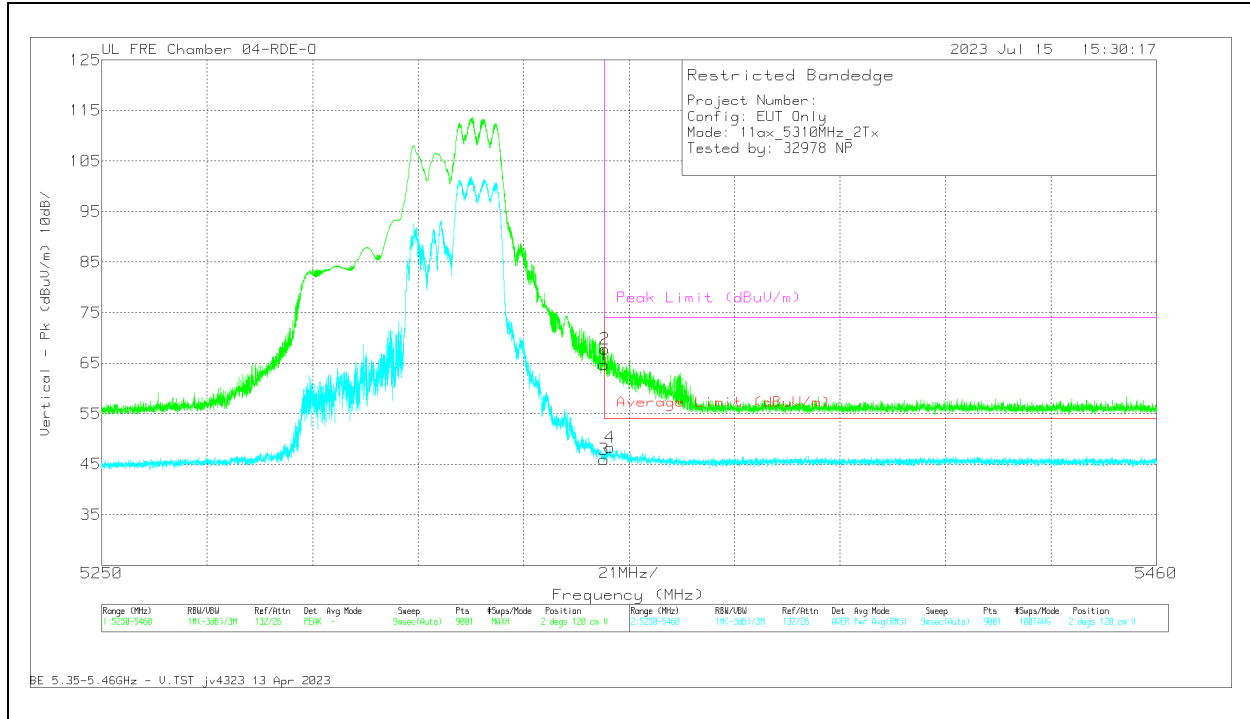


**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBu)	Det	80404_ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5350	63.81	Pk	34.6	0	-35.17	63.24	-	-	74	-10.76	265	165	H
3	5350	46.1	RMS	34.6	54	-35.17	46.07	54	-7.93	-	-	265	165	H
4	5351.079	47.72	RMS	34.6	54	-35.16	47.7	54	-6.3	-	-	265	165	H
2	5353.645	67.39	Pk	34.6	0	-35.13	66.86	-	-	74	-7.14	265	165	H

Pk - Peak detector  
 RMS - RMS detection

**VERTICAL RESULT**



**Trace Markers**

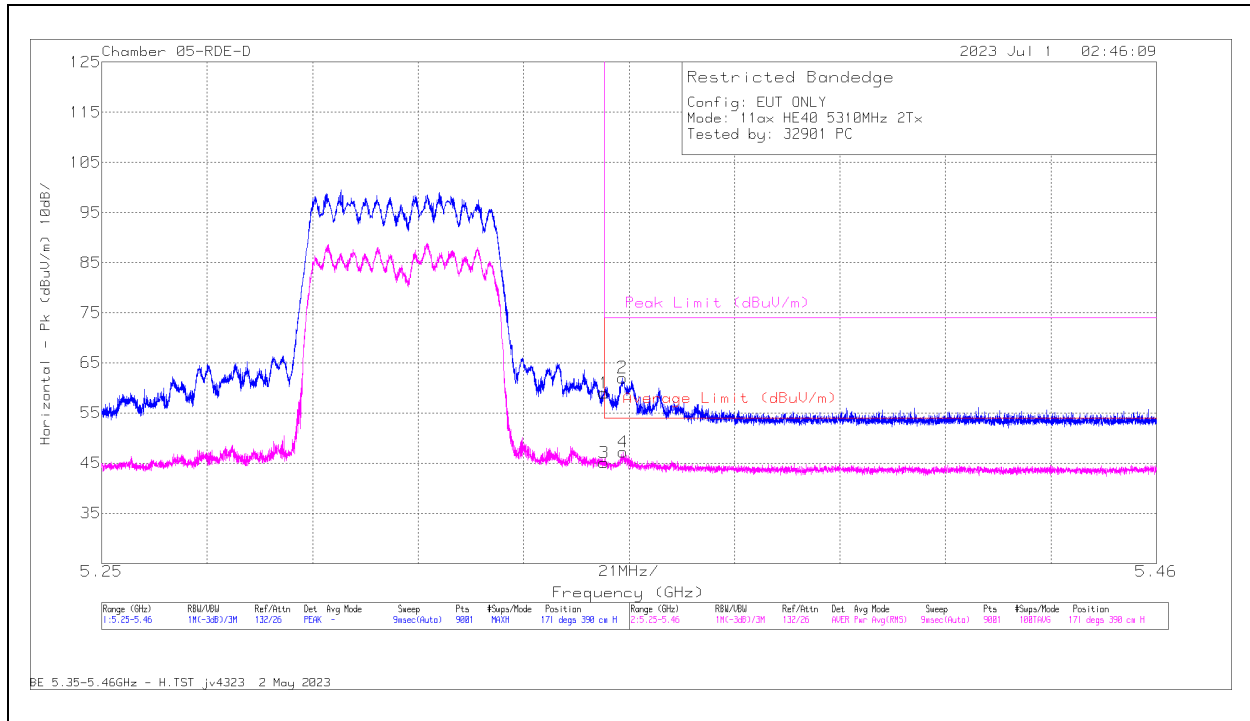
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dB) - 3MHz	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5350	65.25	Pk	34.6	0	-35.17	64.68	-	-	74	-9.32	2	120	V
3	5350	45.95	RMS	34.6	54	-35.17	45.92	54	-8.08	-	-	2	120	V
2	5350.239	68.33	PK	34.6	0	-35.17	67.76	-	-	74	-6.24	2	120	V
4	5351.219	48.28	RMS	34.6	54	-35.16	48.26	54	-5.74	-	-	2	120	V

Pk - Peak detector  
RMS - RMS detection

**2TX Antenna 6 + Antenna 5 OFDMA MODE: SU, Single User**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

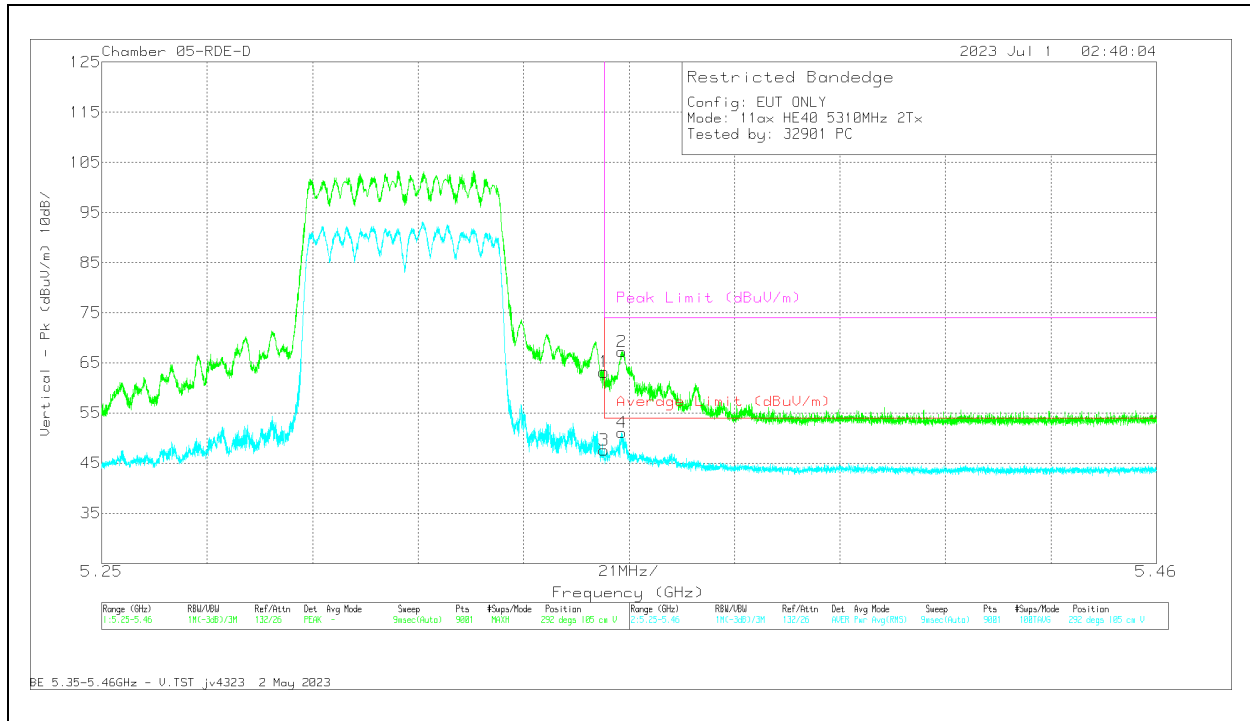


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	62.73	Pk	34.7	0	-38.42	59.01	-	-	74	-14.99	171	390	H
3	5.35	47.99	RMS	34.7	.84	-38.42	45.11	54	-8.89	-	-	171	390	H
2	5.353669	65.69	Pk	34.7	0	-38.35	62.04	-	-	74	-11.96	171	390	H
4	5.353809	50.02	RMS	34.7	.84	-38.34	47.22	54	-6.78	-	-	171	390	H

Pk - Peak detector  
RMS - RMS detection

**VERTICAL RESULT**



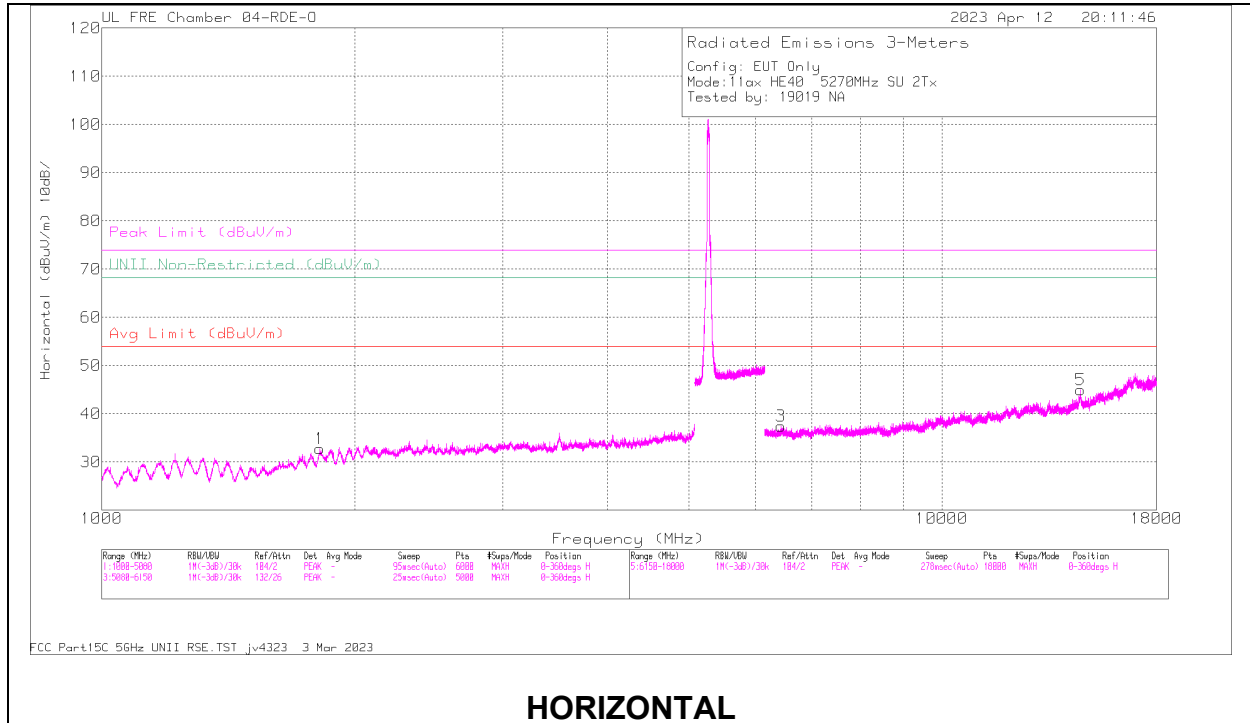
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF (dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	66.89	Pk	34.7	0	-38.42	63.17	-	-	74	-10.83	292	105	V
3	5.35	50.48	RMS	34.7	.84	-38.42	47.6	54	-6.4	-	-	292	105	V
4	5.353575	53.92	RMS	34.7	.84	-38.35	51.11	54	-2.89	-	-	292	105	V
2	5.353599	70.9	Pk	34.7	0	-38.35	67.25	-	-	74	-6.75	292	105	V

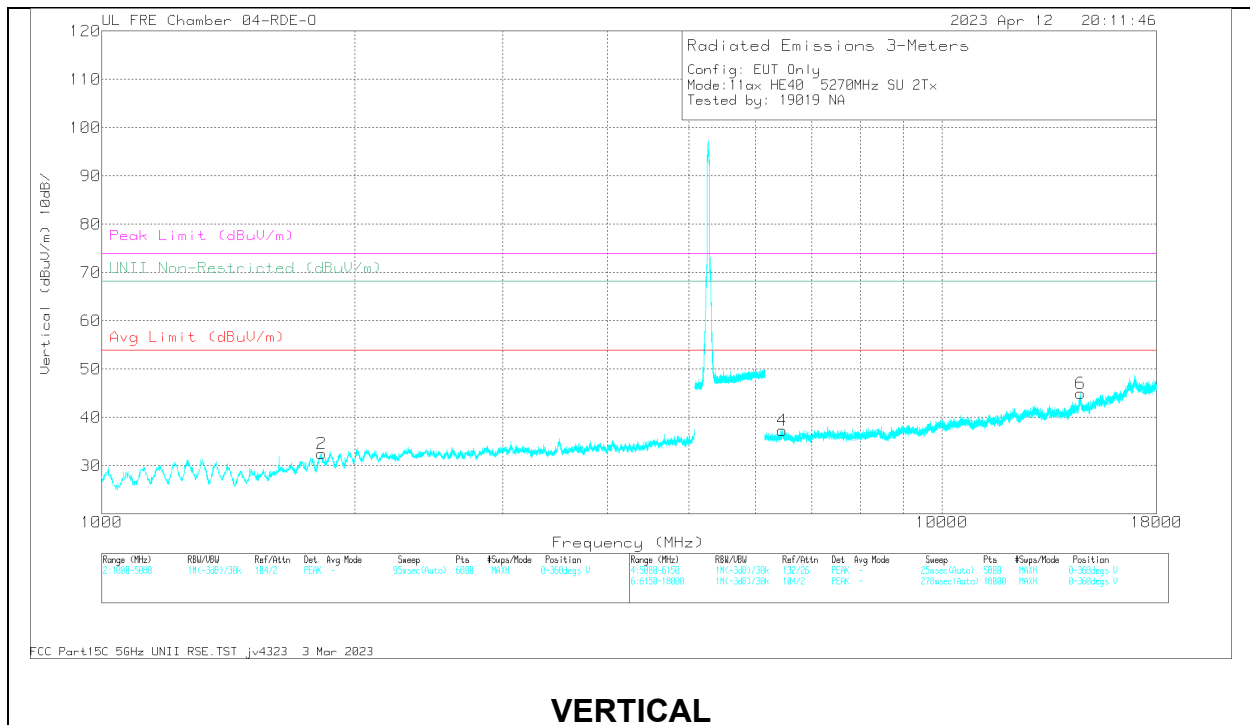
Pk - Peak detector  
 RMS - RMS detection

# 1.1.29. 5.3GHz, 11ax HE40 SU 2TX, HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL



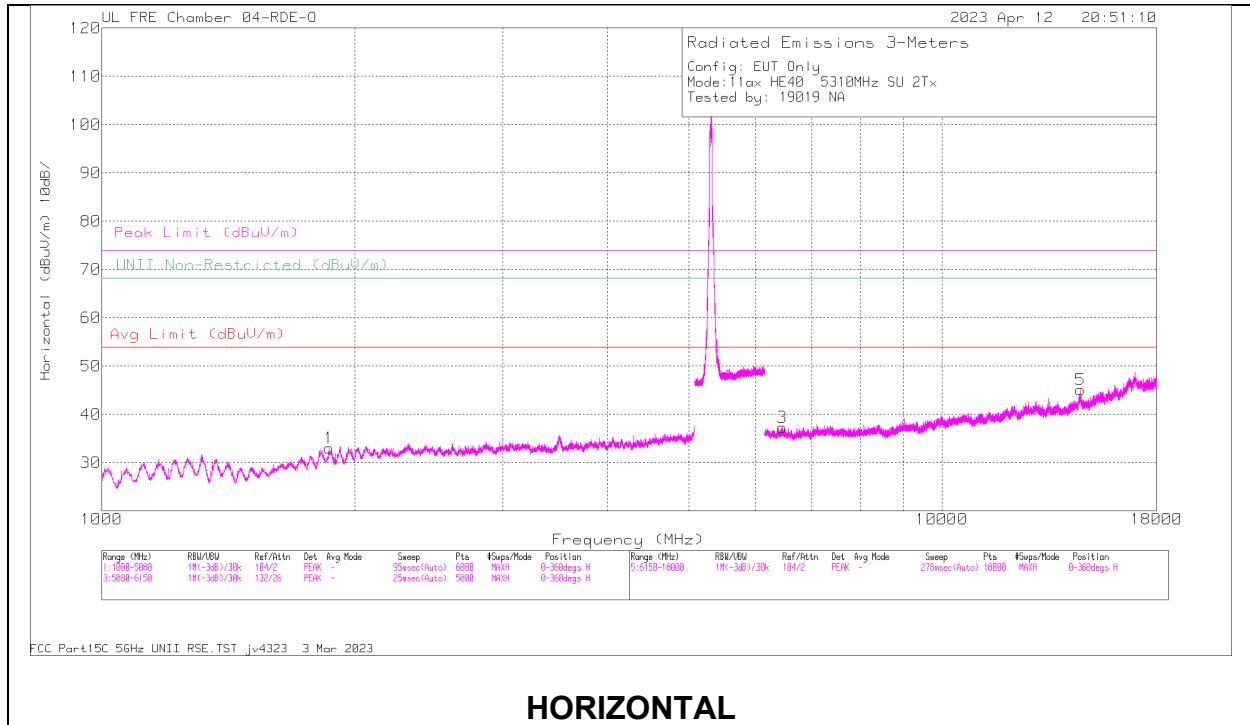
**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF (dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1819.303	58.69	PK-U	30.8	-46.88	42.61	68.2	-25.59	205	155	H
2	1824.687	58.56	PK-U	30.7	-46.85	42.41	68.2	-25.79	157	179	V
3	6429.724	53.7	PK-U	35.6	-42.72	46.58	68.2	-21.62	108	167	H
4	6452.214	53.8	PK-U	35.5	-42.32	46.98	68.2	-21.22	157	157	V
6	14620.07	52.41	PK-U	39.7	-38.09	54.02	68.2	-14.18	202	133	V
5	14626.606	52.66	PK-U	39.7	-38.38	53.96	68.2	-14.22	200	159	H

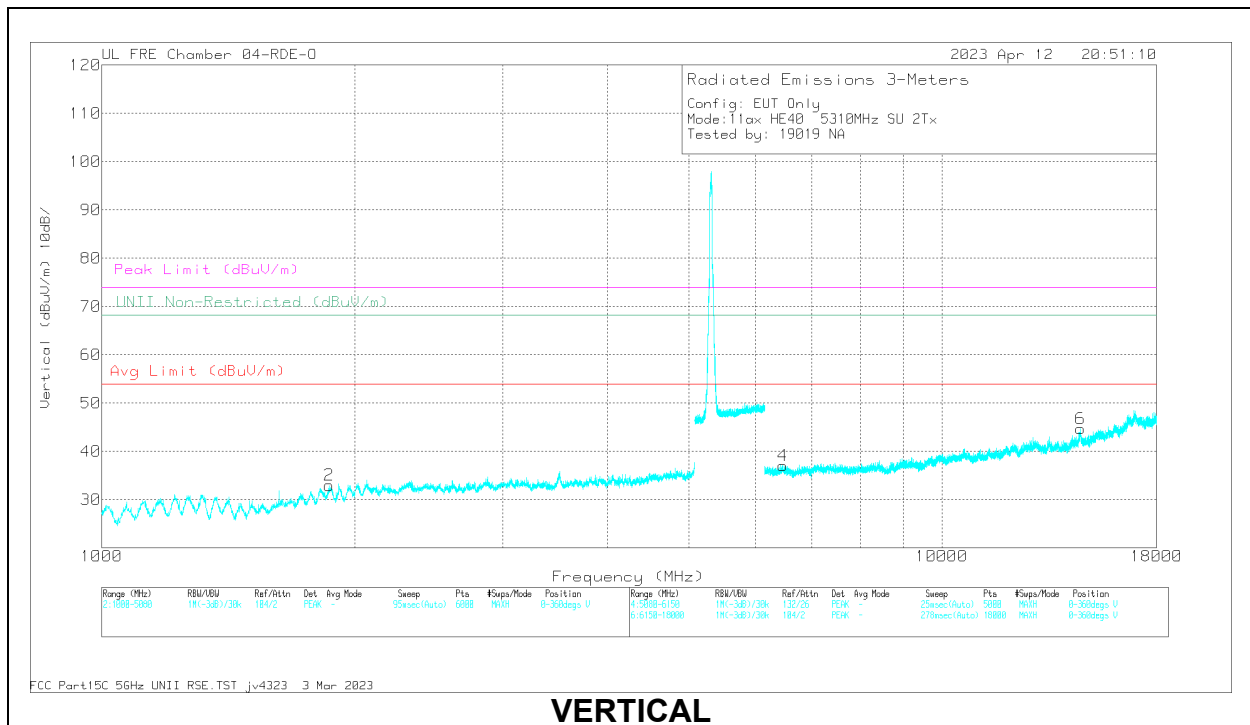
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**HIGH CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF (dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1863.039	58.45	PK-U	30.7	-46.66	42.49	68.2	-25.71	120	150	V
2	1864.767	58.14	PK-U	30.7	-46.72	42.12	68.2	-26.08	228	171	H
3	6458.267	53.82	PK-U	35.6	-42.15	47.27	68.2	-20.93	190	165	H
4	6463.182	53.75	PK-U	35.6	-42.19	47.16	68.2	-21.04	149	239	V
6	14619.193	52.92	PK-U	39.7	-38.07	54.55	68.2	-13.65	74	204	V
5	14624.227	52.65	PK-U	39.7	-38.26	54.09	68.2	-14.11	223	228	H

PK-U - U-NII: Maximum Peak

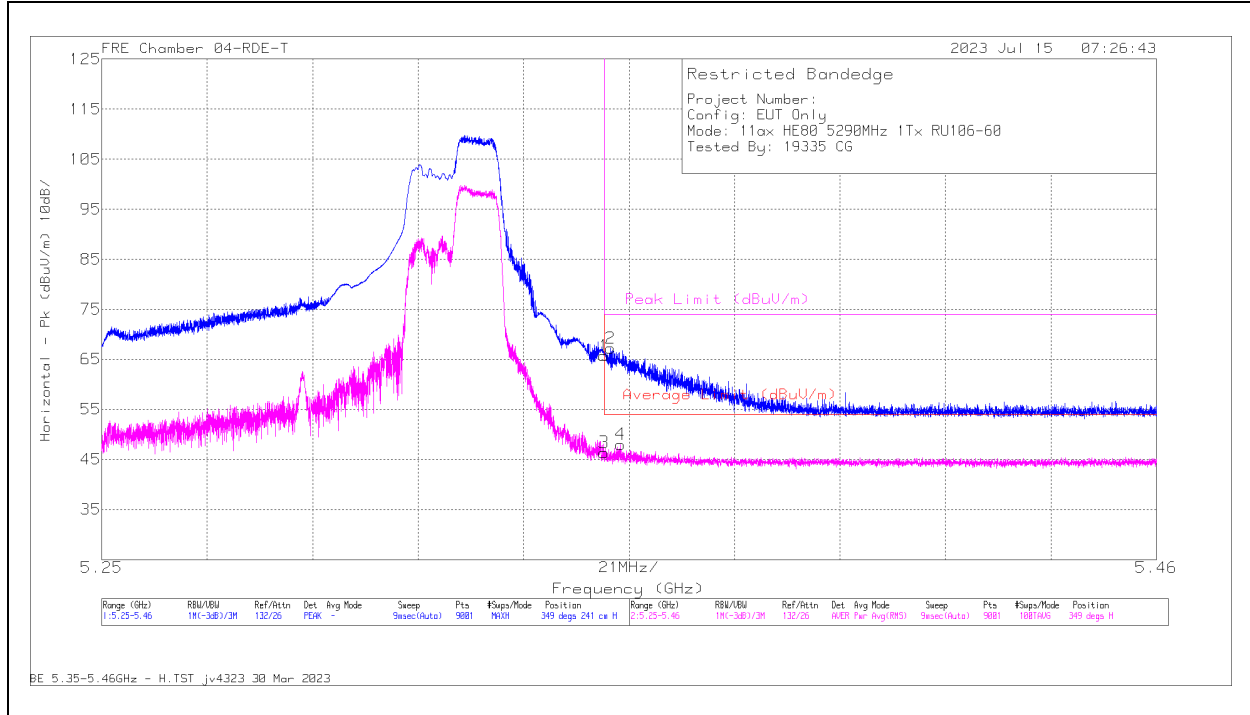
ADR - U-NII AD primary method, RMS average

**1.1.30. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.3GHz BAND**

**1TX Antenna 6 MODE: 106-Tones, RU Index 60**

**BANDEDGE (MID CHANNEL)**

**HORIZONTAL RESULT**

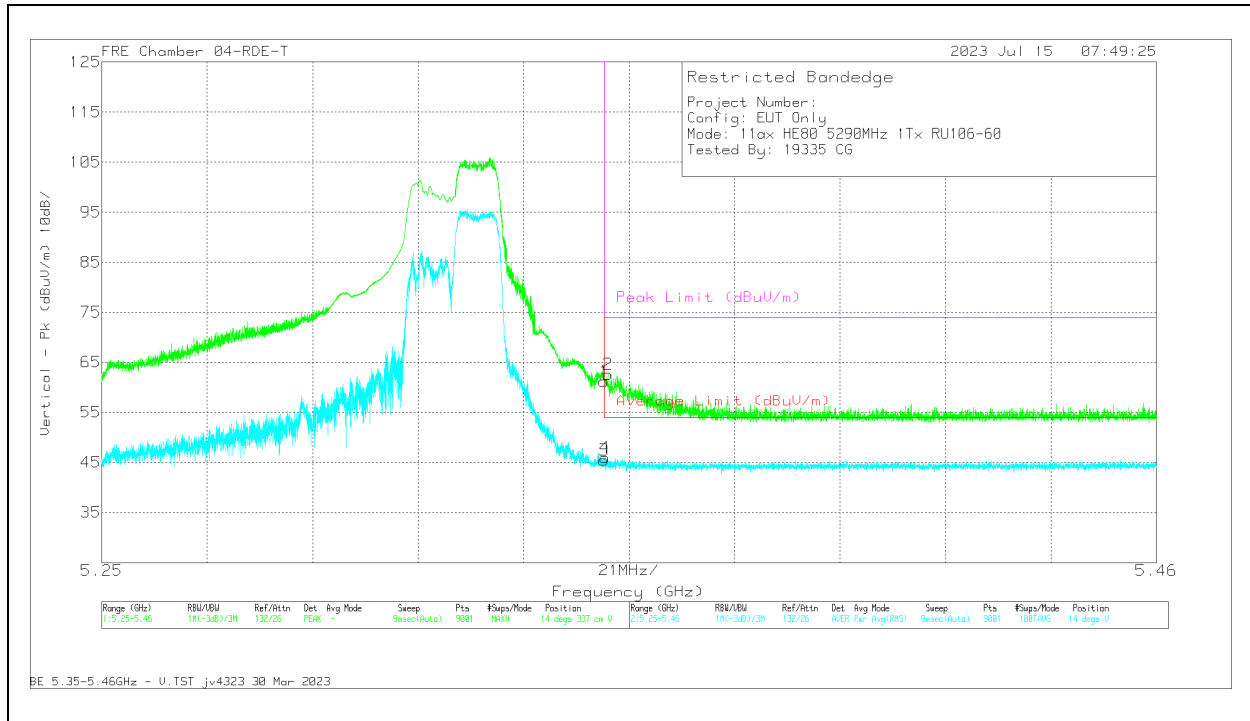


**Trace Markers**

Marker	Frequency (GHz)	Water Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.35	68.61	Pk	34.5	0	-35.37	65.74	-	-	74	-8.26	349	241	H
2	* 5.351289	68.1	Pk	34.5	0	-35.37	67.23	-	-	74	-6.77	349	241	H
3	* 5.35	46.72	RMS	34.5	0.56	-35.37	46.41	54	-7.99	-	-	349	241	H
4	* 5.353342	48.32	RMS	34.5	0.56	-35.34	48.04	54	-5.96	-	-	349	241	H

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

**VERTICAL RESULT**



**Trace Markers**

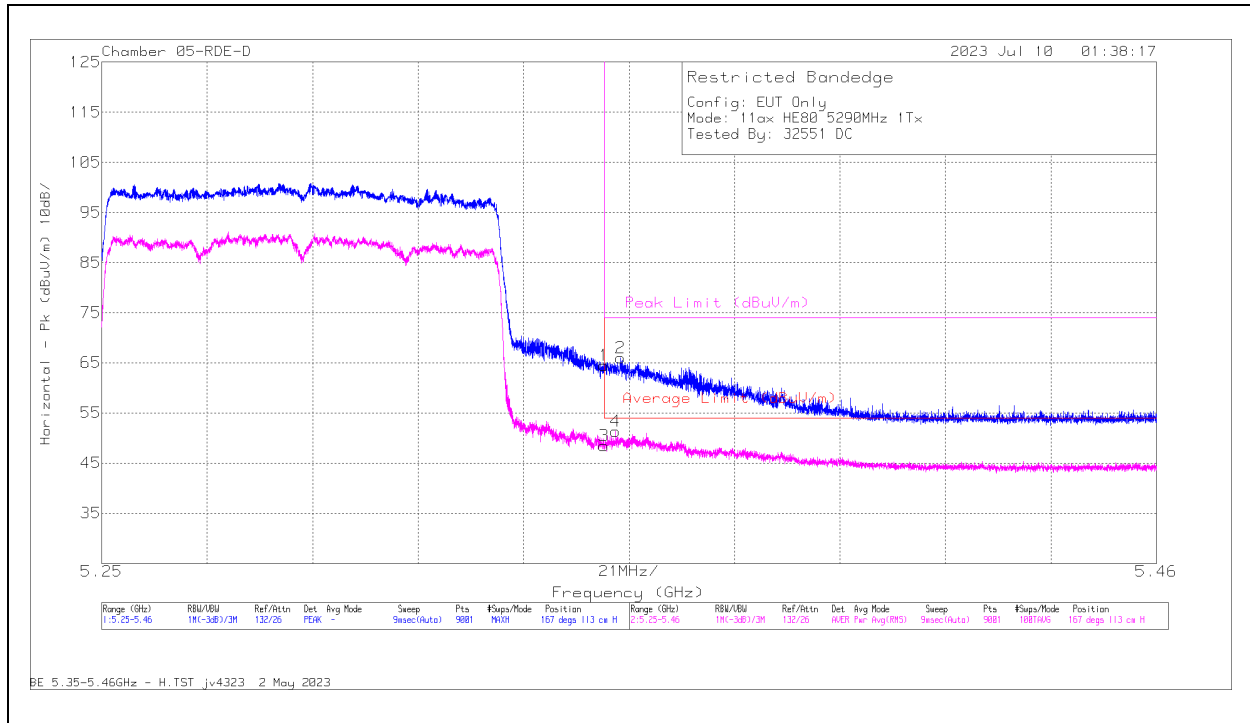
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	62.1	PK	34.5	0	-35.37	61.23	-	-	74	-12.77	14	337	V
2	* 5.350775	63.52	PK	34.5	0	-35.37	62.65	-	-	74	-11.35	14	337	V
3	* 5.35	45.77	RMS	34.5	0.56	-35.37	45.46	54	-8.54	-	-	14	337	V
4	* 5.350192	46.29	RMS	34.5	0.56	-35.37	45.98	54	-8.02	-	-	14	337	V

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

**1TX Antenna 6 MODE: SU, Single User**

**BANDEDGE (MID CHANNEL)**

**HORIZONTAL RESULT**

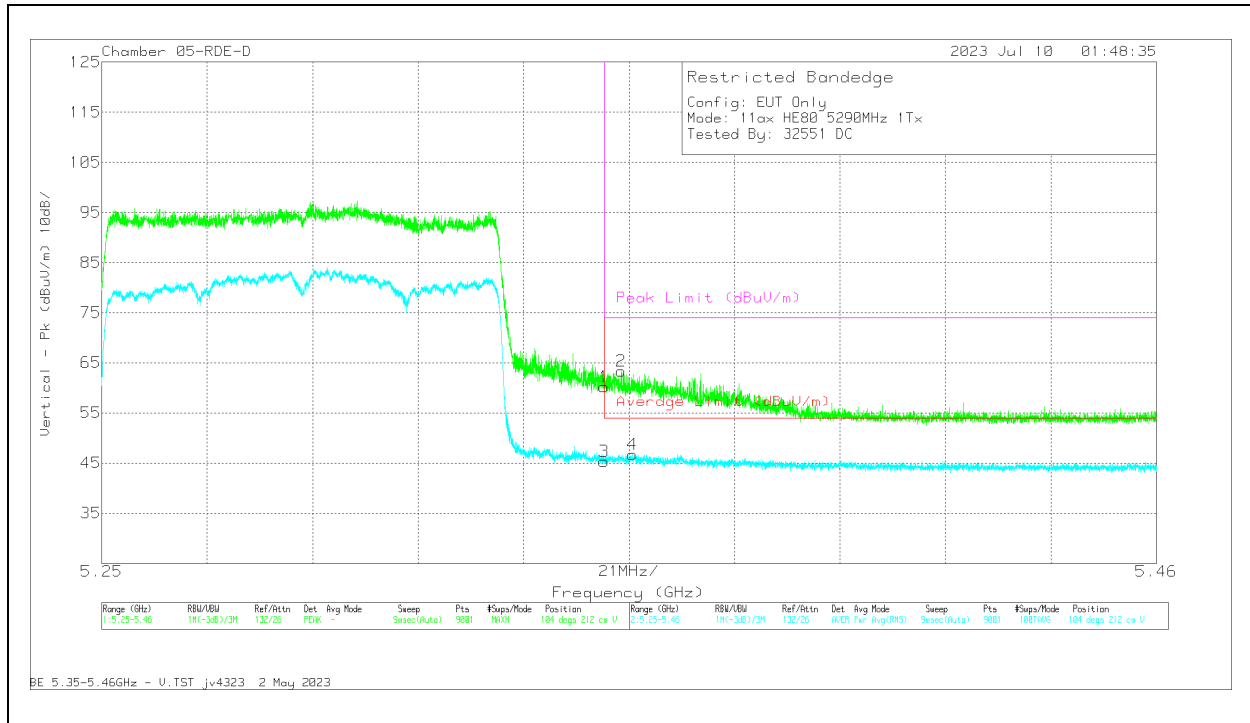


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	68.03	Pk	34.9	0	-38.42	64.51	-	-	74	-9.49	167	113	H
3	5.35	50.84	RMS	34.9	0.86	-38.42	48.18	54	-5.82	-	-	167	113	H
4	5.35236	53.64	RMS	34.9	0.86	-38.36	51.04	54	-2.96	-	-	167	113	H
2	5.35334	69.4	Pk	34.9	0	-38.35	65.95	-	-	74	-8.05	167	113	H

Pk - Peak detector  
RMS - RMS detection

**VERTICAL RESULT**



**Trace Markers**

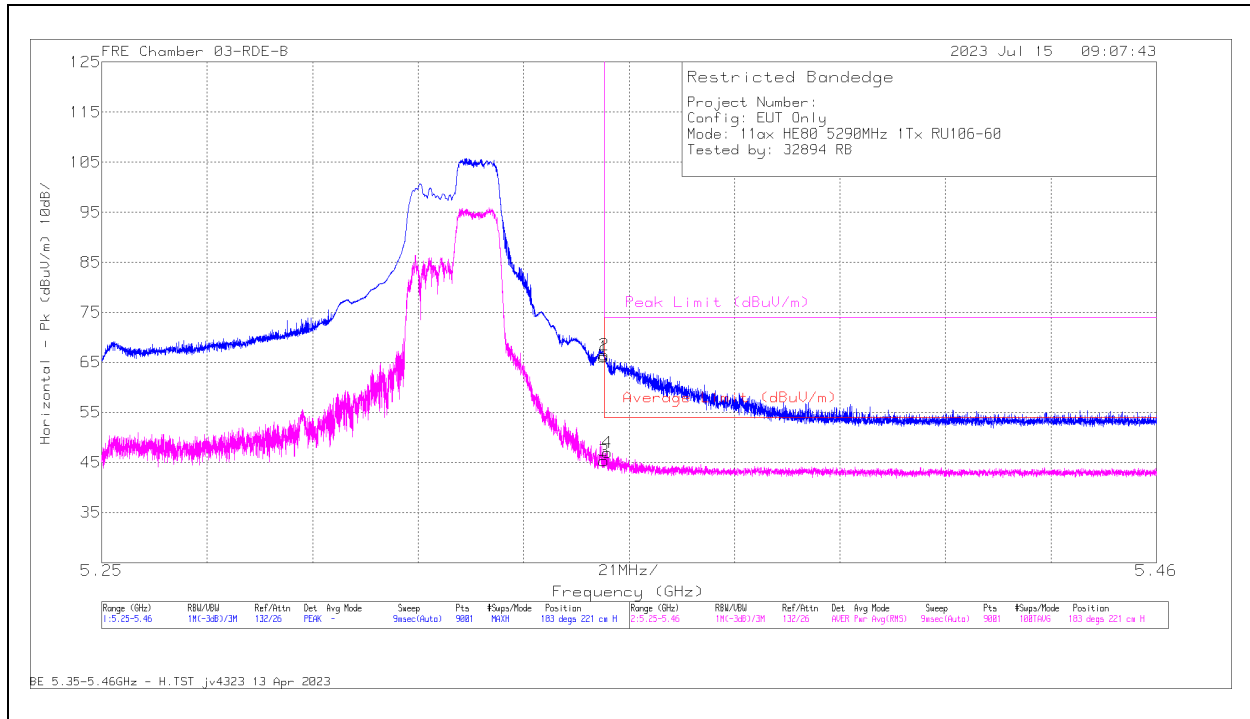
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	63.8	Pk	34.9	0	-38.42	60.28	-	-	74	-13.72	104	212	V
3	5.35	47.71	RMS	34.9	0.86	-38.42	45.05	54	-8.95	-	-	104	212	V
2	5.35344	66.82	Pk	34.9	0	-38.35	63.37	-	-	74	-10.63	104	212	V
4	5.35565	49.12	RMS	34.9	0.86	-38.42	46.46	54	-7.54	-	-	104	212	V

Pk - Peak detector  
 RMS - RMS detection

**1TX Antenna 5 MODE: 106-Tones, RU Index 60**

**BANDEDGE (MID CHANNEL)**

**HORIZONTAL RESULT**



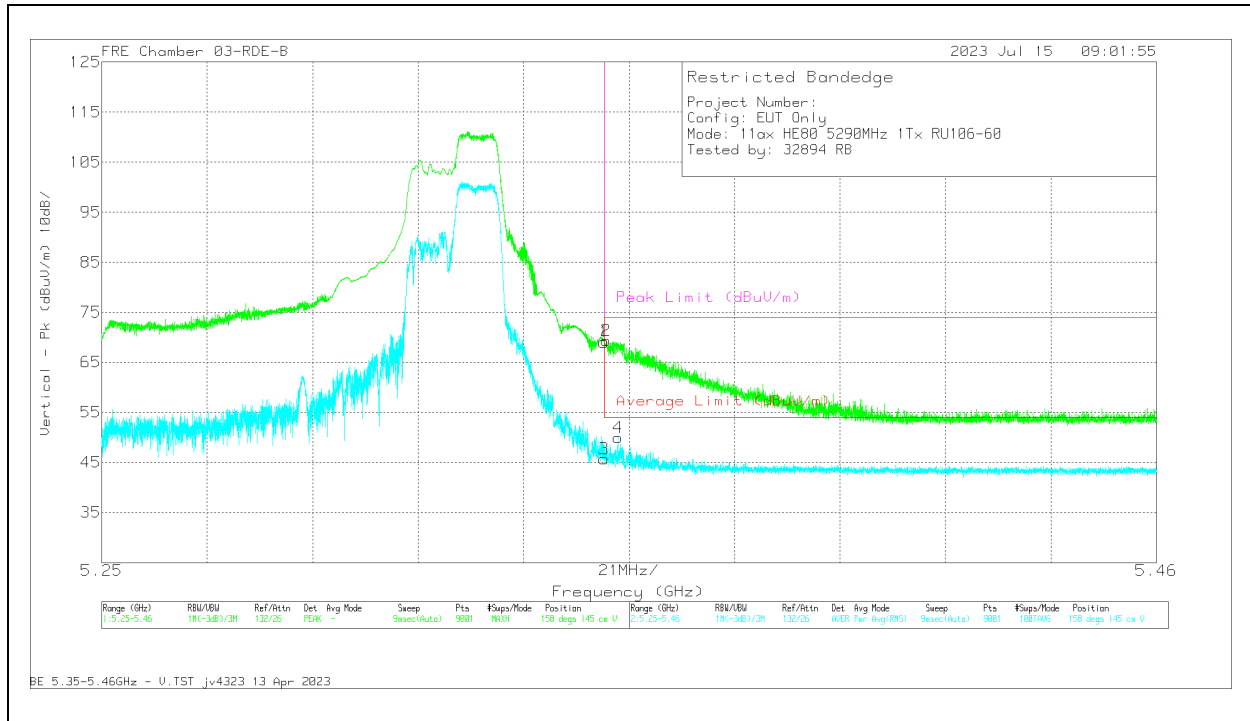
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBu)	Det	230300 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	71.35	Pk	34.4	0	-39.6	66.15	-	-	74	-7.85	183	221	H
2	* 5.350099	71.69	Pk	34.4	0	-39.6	66.49	-	-	74	-7.51	183	221	H
3	* 5.35	50.06	RMS	34.4	0.56	-39.6	45.42	54	-8.56	-	-	183	221	H
4	* 5.350682	51.67	RMS	34.4	0.56	-39.6	47.03	54	-6.97	-	-	183	221	H

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



**VERTICAL RESULT**



**Trace Markers**

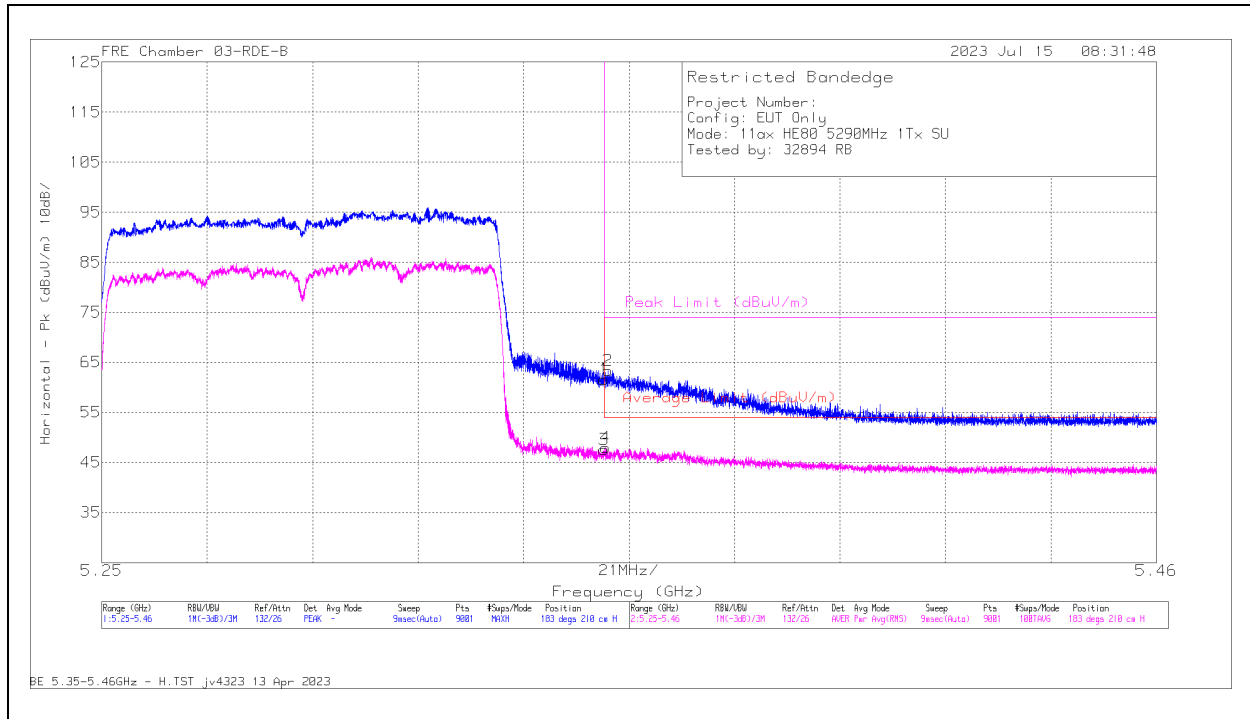
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	74.25	Pk	34.4	0	-39.6	69.05	-	-	74	-4.95	158	145	V
2	* 5.350472	74.59	Pk	34.4	0	-39.6	69.39	-	-	74	-4.61	158	145	V
3	* 5.35	50.41	RMS	34.4	0.56	-39.6	45.77	54	-8.23	-	-	158	145	V
4	* 5.352805	54.73	RMS	34.4	0.56	-39.68	50.01	54	-3.99	-	-	158	145	V

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

**1TX Antenna 5 MODE: SU, Single User**

**BANDEDGE (MID CHANNEL)**

**HORIZONTAL RESULT**

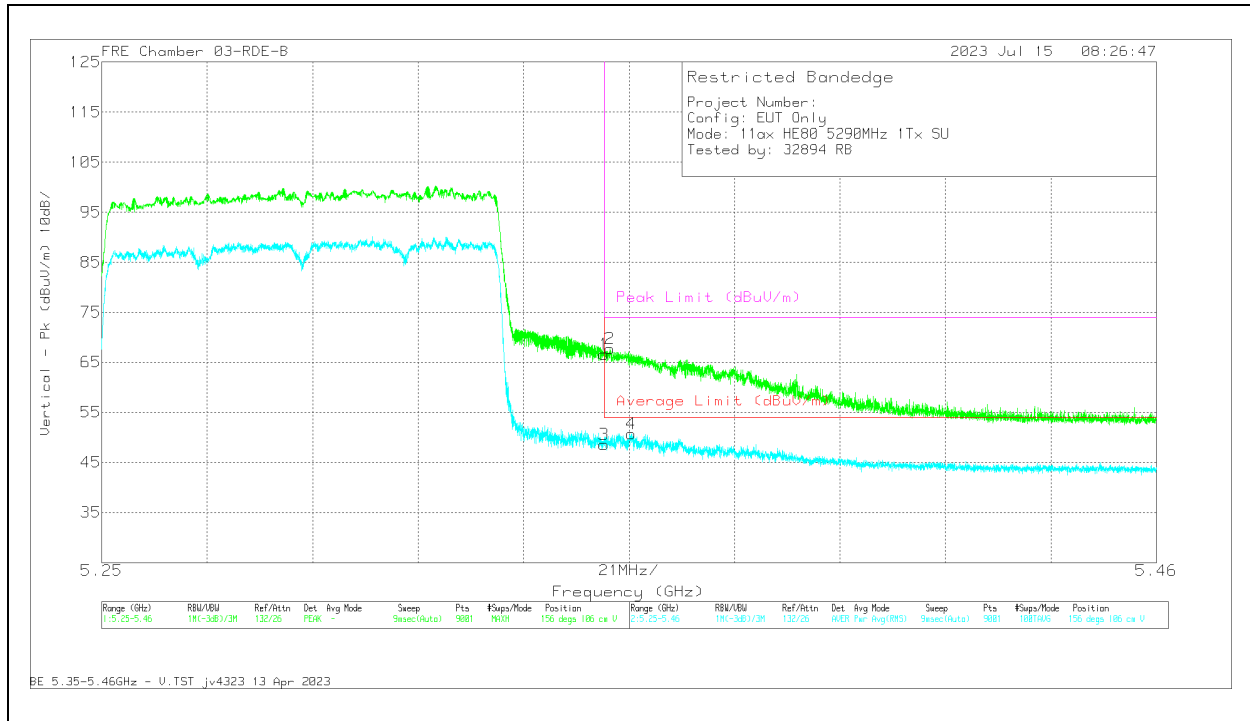


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBu)	Det	230300 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	66.8	Pk	34.4	0	-39.6	61.6	-	-	74	-12.4	183	210	H
2	* 5.350869	68.56	Pk	34.4	0	-39.6	63.36	-	-	74	-10.64	183	210	H
3	* 5.35	51.73	RMS	34.4	0.86	-39.6	47.39	54	-6.61	-	-	183	210	H
4	* 5.350309	52.15	RMS	34.4	0.86	-39.6	47.81	54	-6.19	-	-	183	210	H

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

**VERTICAL RESULT**



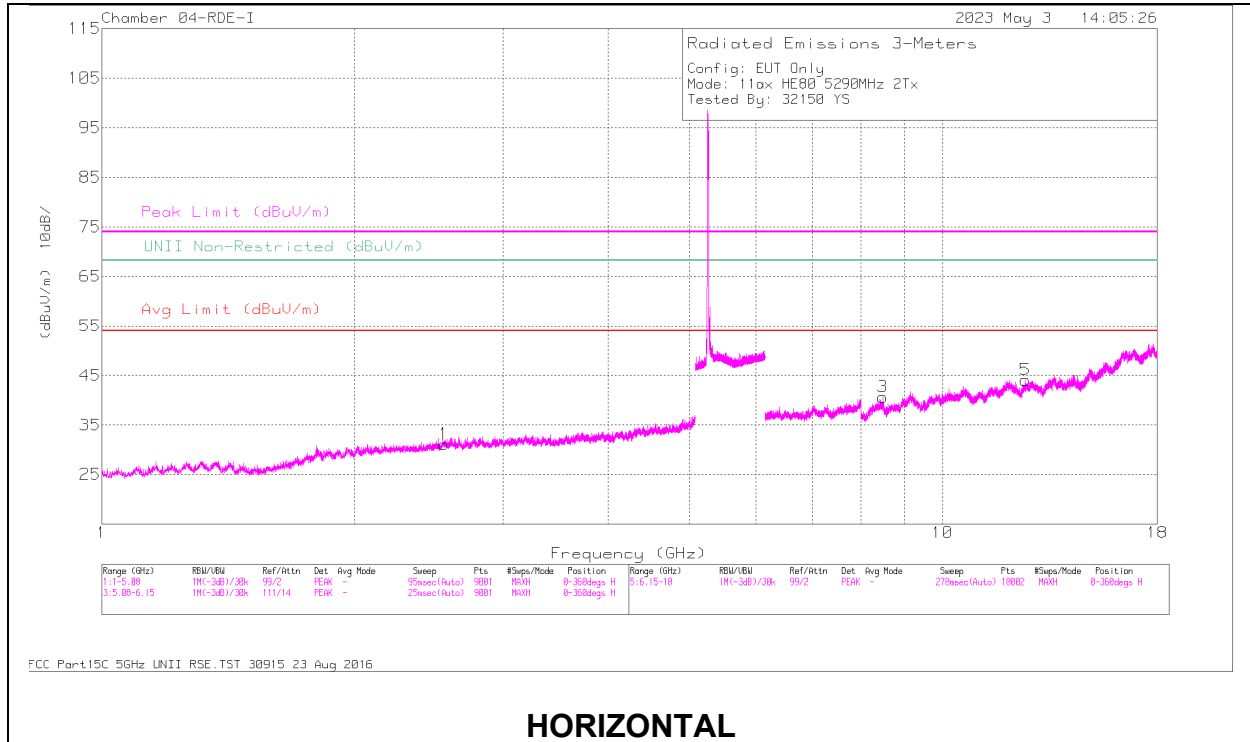
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	71.77	Pk	34.4	0	-39.6	66.57	-	-	74	-7.43	156	106	V
2	* 5.351195	72.92	Pk	34.4	0	-39.6	67.72	-	-	74	-6.28	156	106	V
3	* 5.35	52.74	RMS	34.4	0.86	-39.6	48.4	54	-5.6	-	-	156	106	V
4	* 5.355372	54.92	RMS	34.4	0.86	-39.6	50.58	54	-3.42	-	-	156	106	V

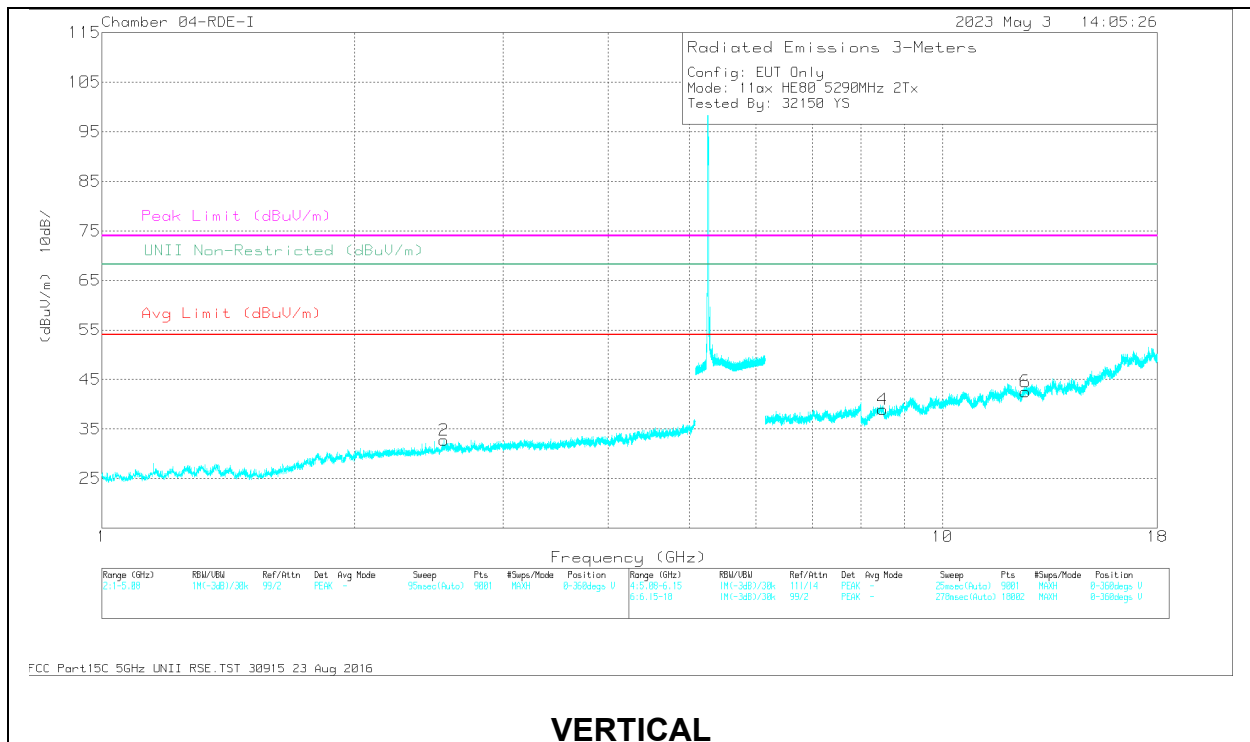
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

# 1.1.31. 5.3GHz, 11ax HE80 RU106, 2TX HARMONICS AND SPURIOUS EMISSIONS

## MID CHANNEL RESULTS



### HORIZONTAL



### VERTICAL

**RADIATED EMISSIONS**

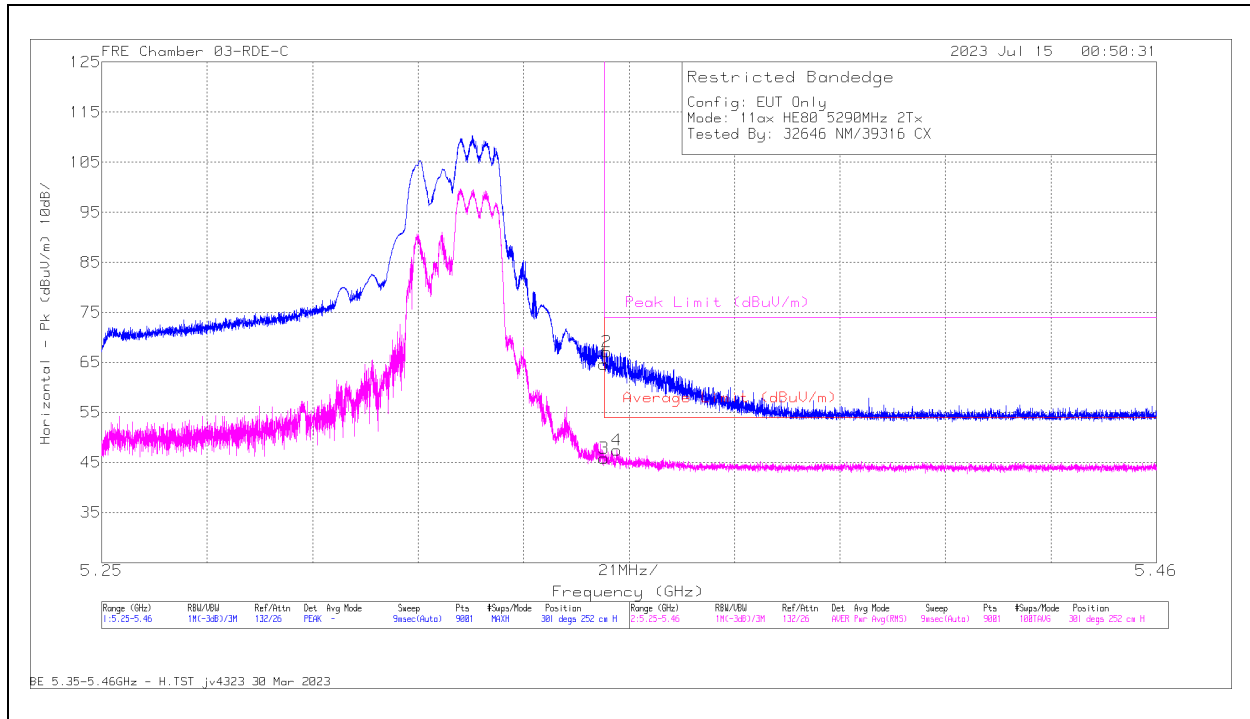
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB) - 3mH	Amp/Cbl/Filtr (dB)	Corrected Reading (dBuV /m)	Avg Limit (dBuV /m)	Margin (dB)	Peak Limit (dBuV /m)	PK Margin (dB)	UNII Non-Restricted (dBuV /m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.553933	40.44	PK-U	32.2	-30.9	41.74	-	-	-	-	68.2	-26.46	244	129	H
2	2.55473	40.5	PK-U	32.2	-30.9	41.8	-	-	-	-	68.2	-26.4	153	247	V
3	* 8.489691	33.02	PK-U	35.8	-19.4	49.42	-	-	74	-24.58	-	-	185	382	H
	* 8.488949	21.61	ADR	35.8	-19.4	38.01	54	-15.99	-	-	-	-	185	382	H
5	* 12.543993	32.76	PK-U	38.7	-18.7	52.76	-	-	74	-21.24	-	-	280	298	H
	* 12.545075	21.16	ADR	38.7	-18.6	41.26	54	-12.74	-	-	-	-	280	298	H
4	* 8.490265	32.71	PK-U	35.8	-19.3	49.21	-	-	74	-24.79	-	-	89	190	V
	* 8.488136	20.87	ADR	35.8	-19.4	37.27	54	-16.73	-	-	-	-	89	190	V
6	* 12.543733	32.53	PK-U	38.7	-18.7	52.53	-	-	74	-21.47	-	-	178	262	V
	* 12.546085	20.76	ADR	38.7	-18.6	40.86	54	-13.14	-	-	-	-	178	262	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 6 + Antenna 5 OFDMA MODE: 106-Tones, RU Index 60**

**BANDEDGE (MID CHANNEL)**

**HORIZONTAL RESULT**

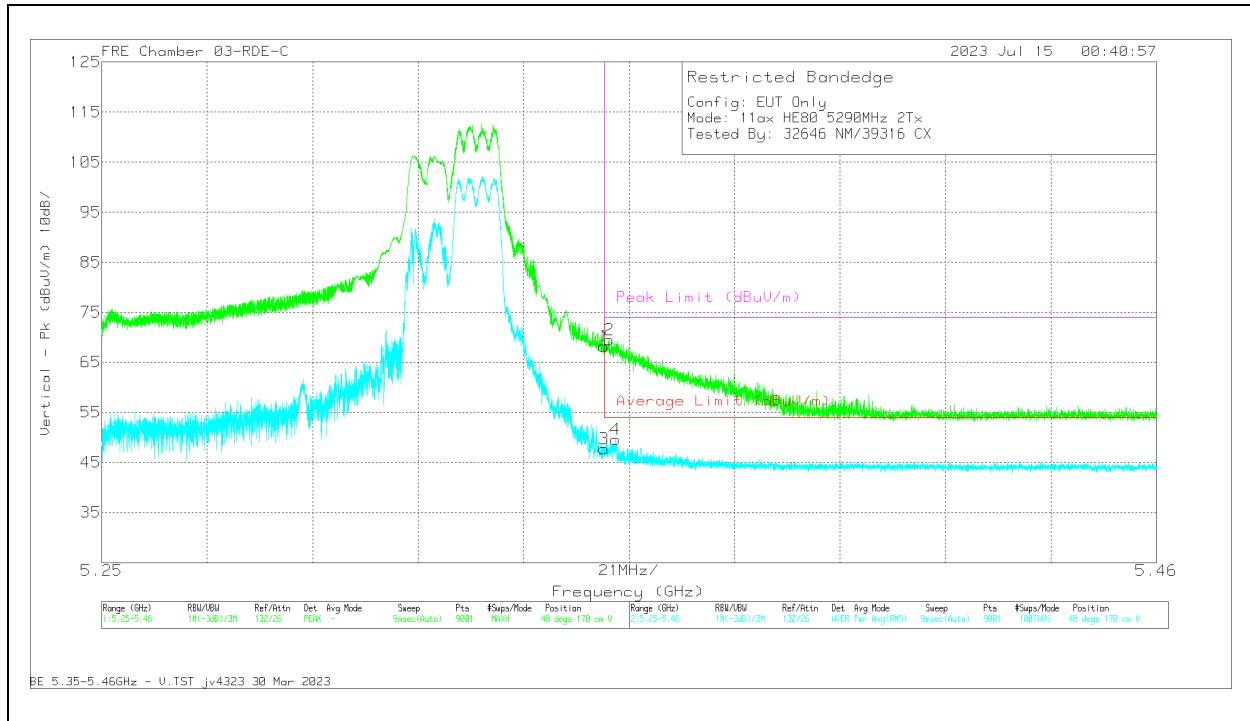


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	68.11	Pk	34.5	0	-38	64.61	-	-	74	-9.39	301	252	H
2	* 5.350565	70.65	Pk	34.5	0	-38	67.15	-	-	74	-6.85	301	252	H
3	* 5.35	48.84	RMS	34.5	0.56	-38	45.9	54	-8.1	-	-	301	252	H
4	* 5.352572	50.49	RMS	34.5	0.56	-38.04	47.51	54	-6.49	-	-	301	252	H

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

**VERTICAL RESULT**



**Trace Markers**

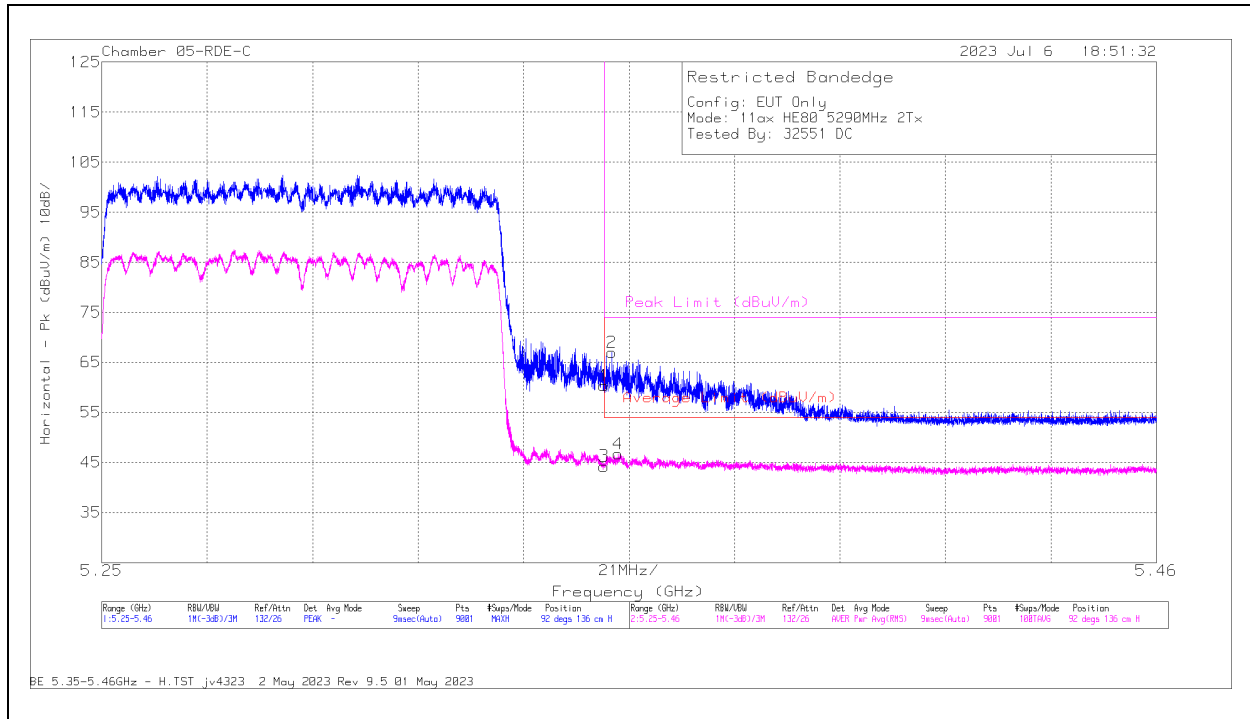
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	71.76	Pk	34.5	0	-38	66.28	-	-	74	-5.72	48	170	V
2	* 5.351032	72.98	Pk	34.5	0	-38	69.48	-	-	74	-4.52	48	170	V
3	* 5.35	50.68	RMS	34.5	0.56	-38	47.74	54	-6.26	-	-	48	170	V
4	* 5.352315	52.68	RMS	34.5	0.56	-38.07	49.67	54	-4.33	-	-	48	170	V

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

**2TX Antenna 6 + Antenna 5 OFDMA MODE: SU, Single User**

**BANDEDGE (MID CHANNEL)**

**HORIZONTAL RESULT**



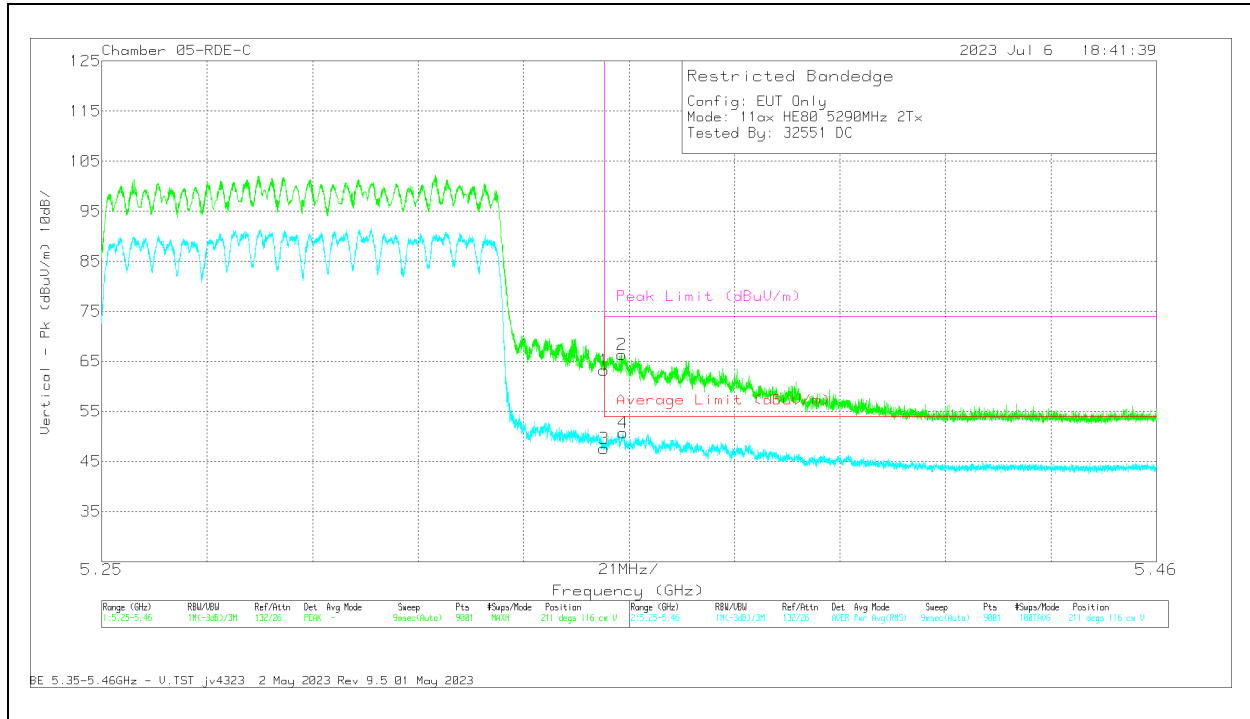
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	9187 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	65.05	Pk	34.4	0	-39.12	60.33	-	-	74	-13.67	92	136	H
3	5.35	48.14	RMS	34.4	.86	-39.12	44.28	54	-9.72	-	-	92	136	H
2	5.351592	71.76	Pk	34.4	0	-39.16	67	-	-	74	-7	92	136	H
4	5.352852	50.64	RMS	34.4	.86	-39.2	46.7	54	-7.3	-	-	92	136	H

PK - Peak detector  
RMS - RMS detection



**VERTICAL RESULT**



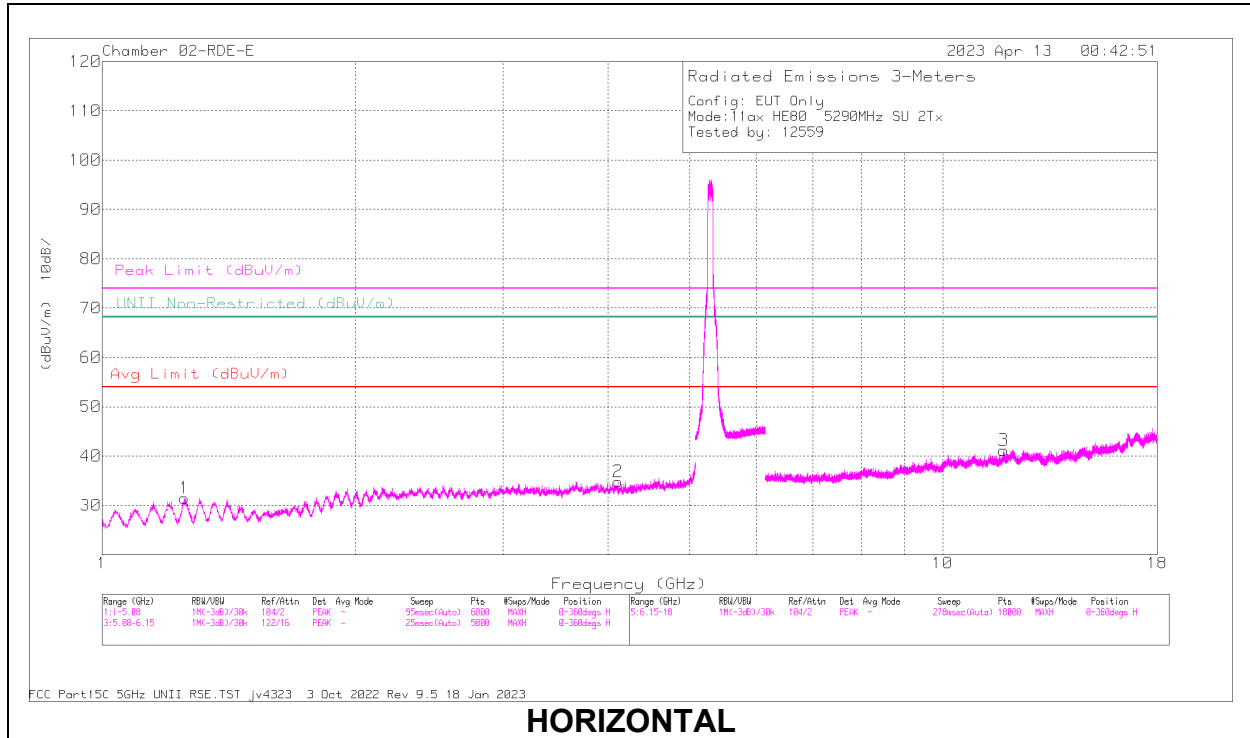
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	67.91	Pk	34.4	0	-39.12	63.19	-	-	74	-10.81	211	116	V
3	5.35	51.41	RMS	34.4	.86	-39.12	47.55	54	-6.45	-	-	211	116	V
2	5.353552	71.18	Pk	34.4	0	-39.17	66.41	-	-	74	-7.59	211	116	V
4	5.353785	54.62	RMS	34.4	.86	-39.16	50.72	54	-3.28	-	-	211	116	V

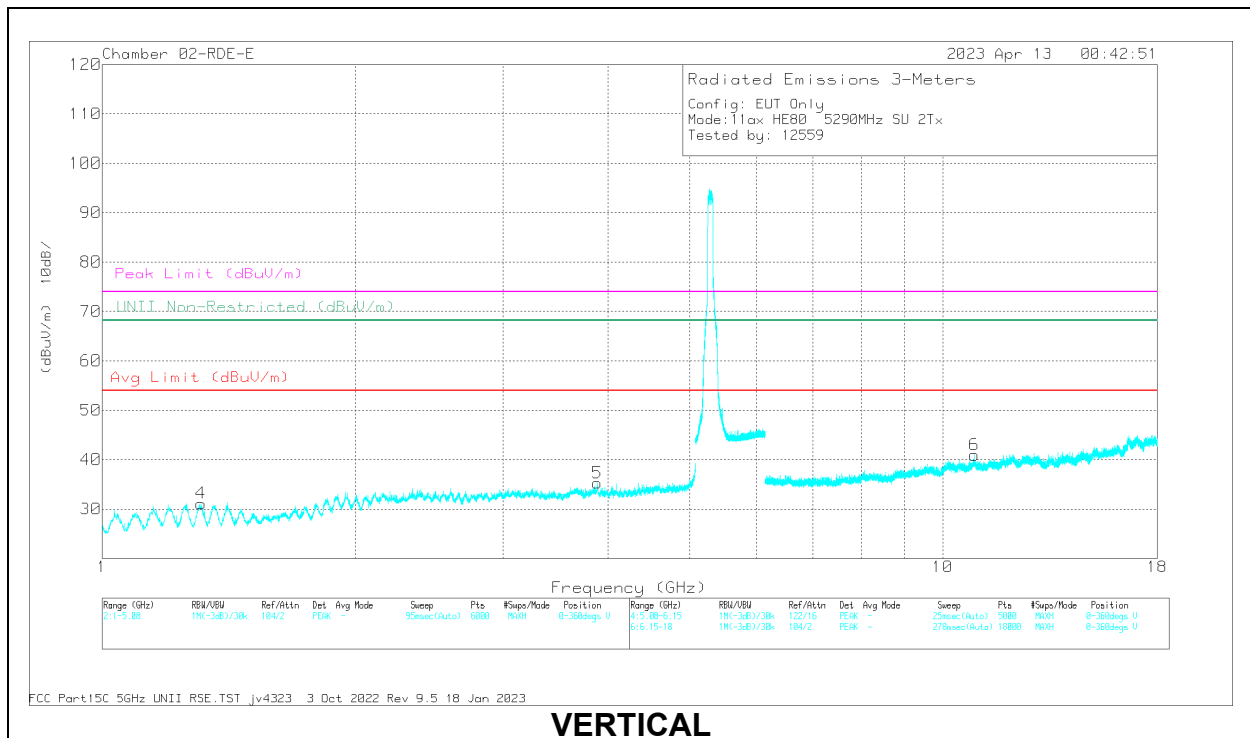
Pk - Peak detector  
 RMS - RMS detection

# 1.1.32. 5.3GHz, 11ax HE80 SU 2TX HARMONICS AND SPURIOUS EMISSIONS

## MID CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.253882	62.08	PK-U	29	0	-49.54	41.54	-	-	74	-32.46	360	101	H
	* 1.252975	49.98	ADR	29	0.24	-49.52	29.7	54	-24.3	-	-	360	101	H
2	* 4.109787	55.52	PK-U	33.4	0	-45.75	43.17	-	-	74	-30.83	360	199	H
	* 4.110915	44.12	ADR	33.4	0.24	-45.76	32	54	-22	-	-	360	199	H
4	* 1.311991	61.58	PK-U	29	0	-49.47	41.11	-	-	74	-32.89	360	101	V
	* 1.30961	49.66	ADR	29	0.24	-49.47	29.43	54	-24.57	-	-	360	101	V
5	* 3.882857	56.69	PK-U	33.5	0	-45.61	44.58	-	-	74	-29.42	360	101	V
	* 3.881221	44.88	ADR	33.5	0.24	-45.71	32.91	54	-21.09	-	-	360	101	V
3	* 11.813317	52.75	PK-U	38.6	0	-42.68	48.67	-	-	74	-25.33	360	101	H
	* 11.814486	41.18	ADR	38.6	0.24	-42.7	37.32	54	-16.68	-	-	360	101	H
6	* 10.908739	54.25	PK-U	37.8	0	-42.66	49.39	-	-	74	-24.61	360	200	V
	* 10.911389	42.54	ADR	37.8	0.24	-42.63	37.95	54	-16.05	-	-	360	200	V

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

PK-U - U-NII: Maximum Peak

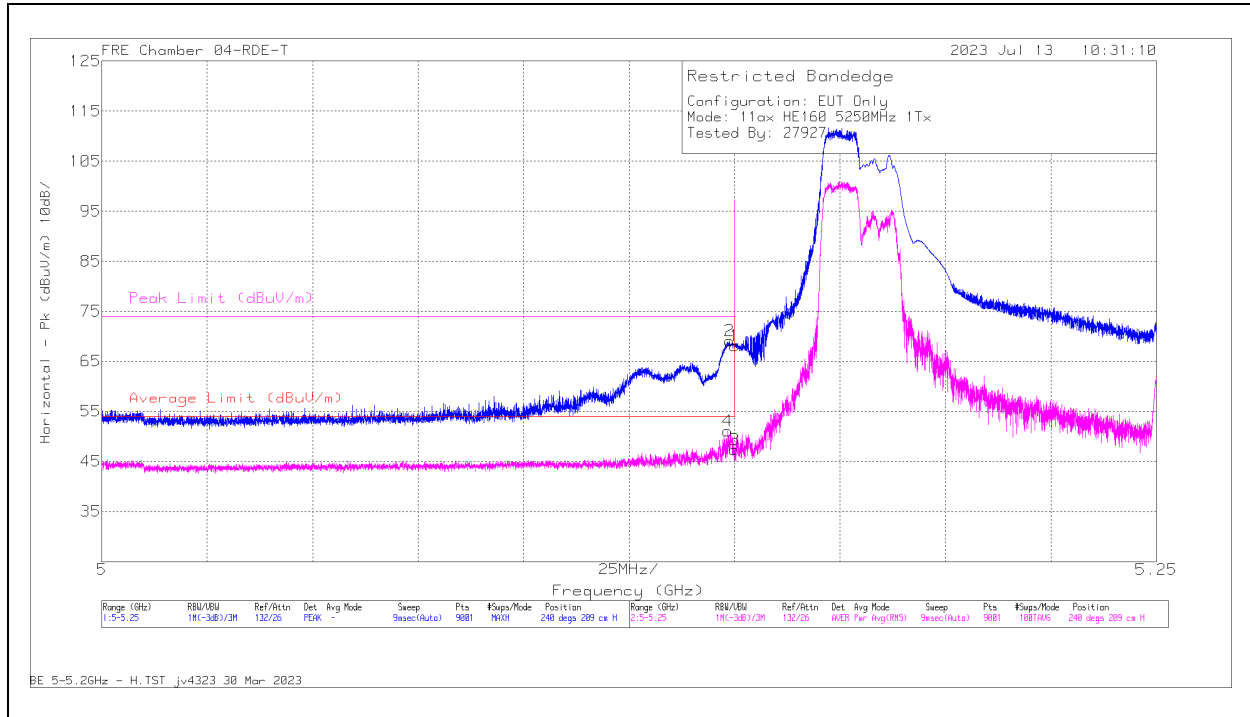
ADR - U-NII AD primary method, RMS average

**1.1.33. TX ABOVE 1 GHz 802.11ax HE160 MODE IN THE 5.3GHz BAND**

**1TX Antenna 6 MODE: 106-Tones, RU Index 53**

**BANDEDGE (CHANNEL 50, LOW EDGE)**

**HORIZONTAL RESULT**

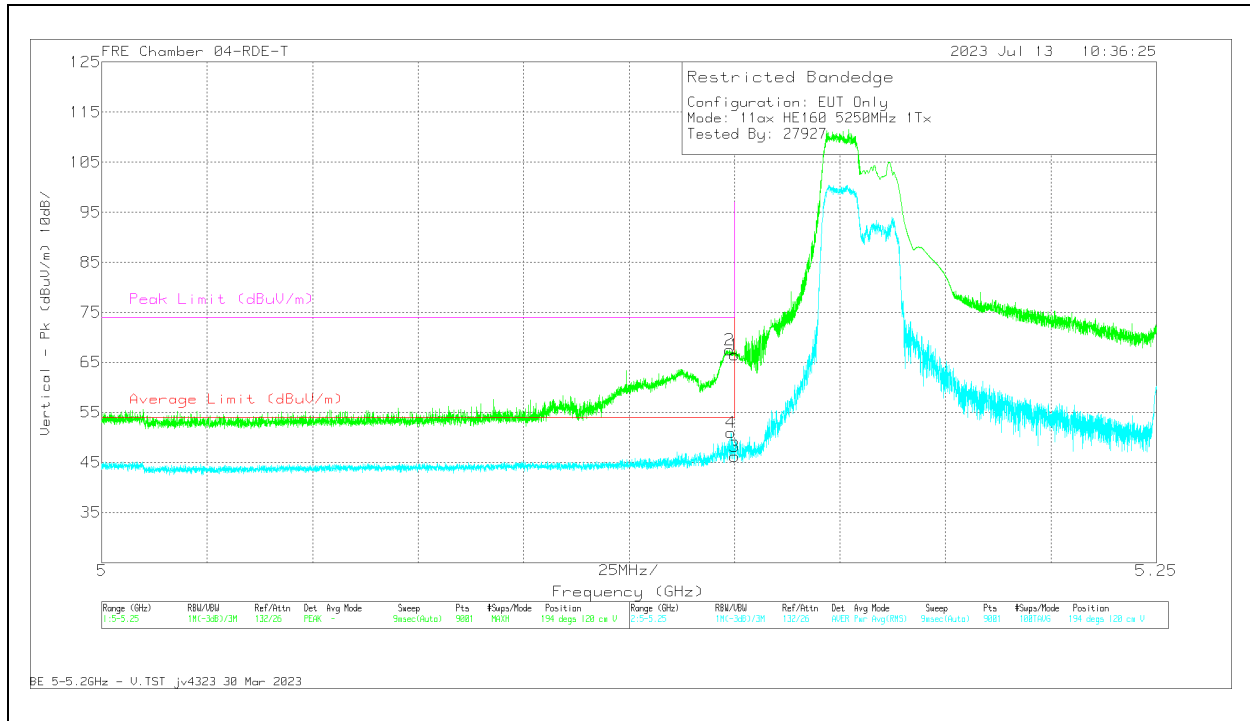


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226873 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	69.83	Pk	34.2	0	-35.9	68.13	-	-	74	-5.87	240	209	H
2	* 5.148862	70.79	Pk	34.2	0	-35.9	69.09	-	-	74	-4.91	240	209	H
3	* 5.15	47.92	RMS	34.2	0.54	-35.9	46.76	54	-7.24	-	-	240	209	H
4	* 5.148446	51.63	RMS	34.2	0.54	-35.91	50.46	54	-3.54	-	-	240	209	H

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

**VERTICAL RESULT**



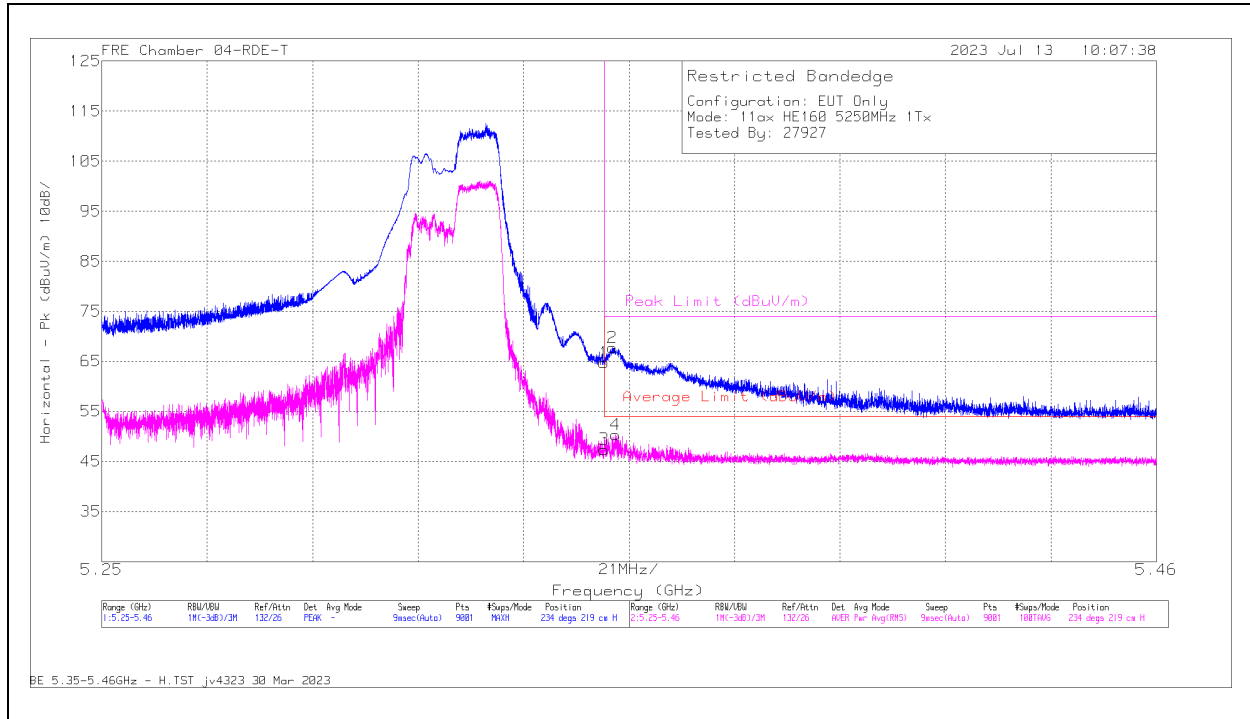
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	68.22	PK	34.2	0	-35.9	66.52	-	-	74	-7.48	194	120	V
2	* 5.14835	69.18	PK	34.2	0	-35.9	67.48	-	-	74	-6.52	194	120	V
3	* 5.15	46.75	RMS	34.2	0.54	-35.9	45.59	54	-8.41	-	-	194	120	V
4	* 5.149196	51.5	RMS	34.2	0.54	-35.9	50.34	54	-3.66	-	-	194	120	V

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

**BANDEDGE (CHANNEL 50, HIGH EDGE)**

**HORIZONTAL RESULT**

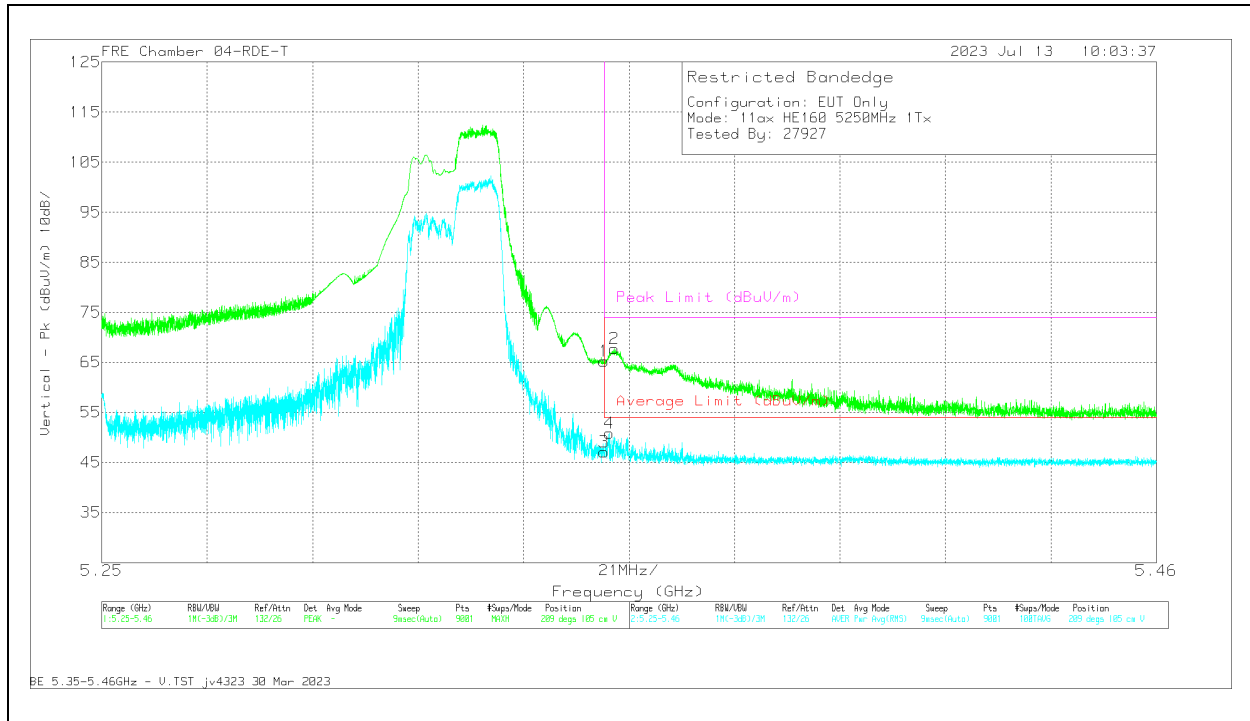


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	65.59	Pk	34.5	0	-35.37	64.72	-	-	74	-9.28	234	219	H
2	* 5.351685	68.59	Pk	34.5	0	-35.36	67.73	-	-	74	-6.27	234	219	H
3	* 5.35	47.12	RMS	34.5	0.54	-35.37	46.79	54	-7.21	-	-	234	219	H
4	* 5.352292	50.05	RMS	34.5	0.54	-35.36	49.73	54	-4.27	-	-	234	219	H

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

**VERTICAL RESULT**



**Trace Markers**

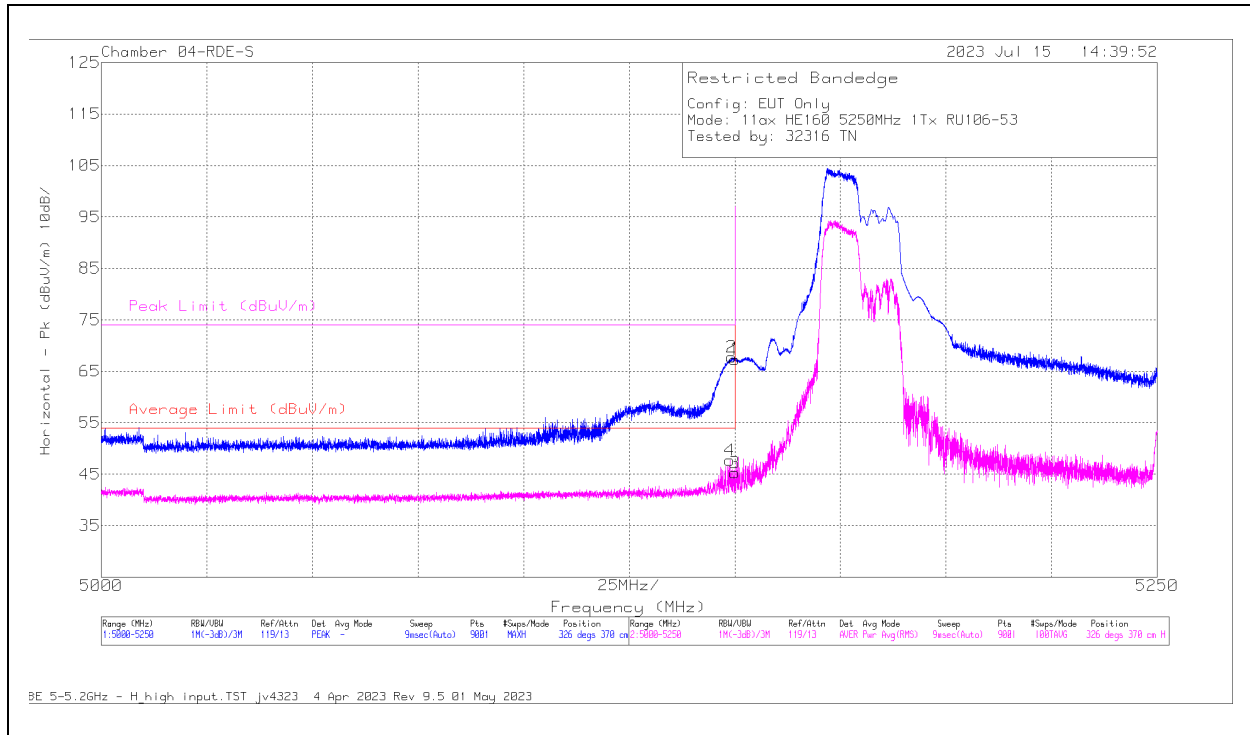
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 5mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	66.07	PK	34.5	0	-35.37	65.2	-	-	74	-8.8	209	105	V
2	* 5.352082	66.57	PK	34.5	0	-35.36	67.71	-	-	74	-6.29	209	105	V
3	* 5.35	46.8	RMS	34.5	0.54	-35.37	46.47	54	-7.53	-	-	209	105	V
4	* 5.351079	50.53	RMS	34.5	0.54	-35.37	50.2	54	-3.8	-	-	209	105	V

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

**1TX Antenna 5 MODE: 106-Tones, RU Index 53**

**BANDEDGE ( CHANNEL 50, LOW EDGE)**

**HORIZONTAL RESULT**



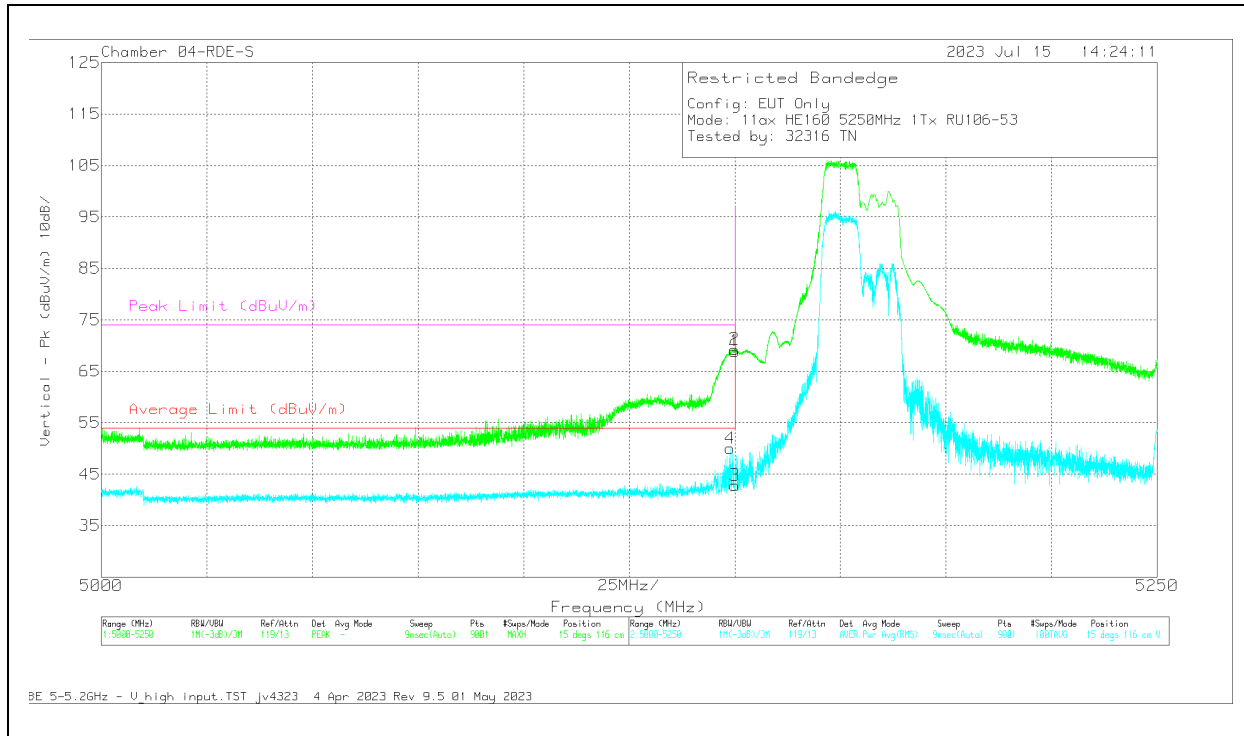
**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200784 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5148.81	36.16	RMS	34.3	0.54	-23.3	47.7	54	-6.3	-	-	326	370	H
2	5149.25	56.76	Pk	34.3	0	-23.3	67.76	-	-	74	-6.24	326	370	H
1	5150	56.3	Pk	34.3	0	-23.3	67.3	-	-	74	-6.7	326	370	H
3	5150	33.72	RMS	34.3	0.54	-23.3	45.26	54	-8.74	-	-	326	370	H

Pk - Peak detector  
RMS - RMS detection



**VERTICAL RESULT**



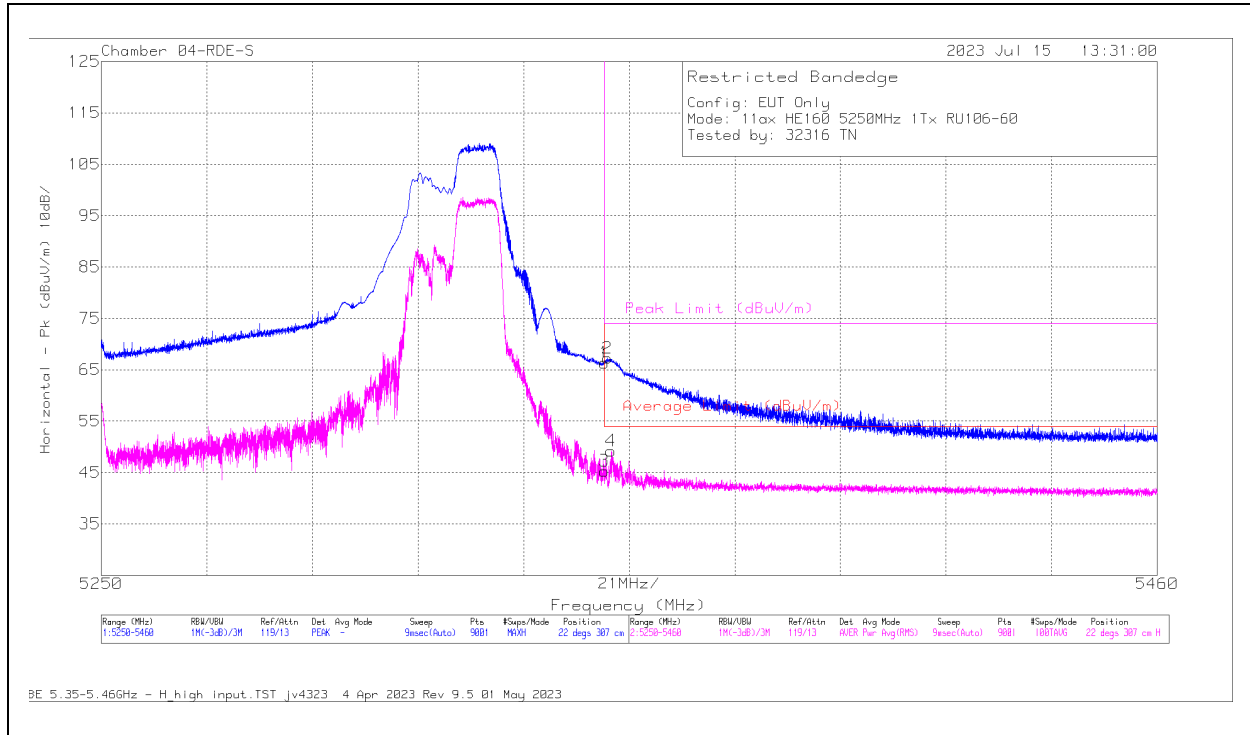
**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200784 ACF (dB) 3MHz	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5148.84	38.48	RMS	34.3	0.54	-23.3	50.02	54	-3.98	-	-	15	116	V
2	5149.89	58.28	PK	34.3	0	-23.3	69.28	-	-	74	-4.72	15	116	V
1	5150	57.92	PK	34.3	0	-23.3	68.92	-	-	74	-5.08	15	116	V
3	5150	31.32	RMS	34.3	0.54	-23.3	42.86	54	-11.14	-	-	15	116	V

PK - Peak detector  
RMS - RMS detection

**BANDEDGE (CHANNEL 50, HIGH EDGE)**

**HORIZONTAL RESULT**

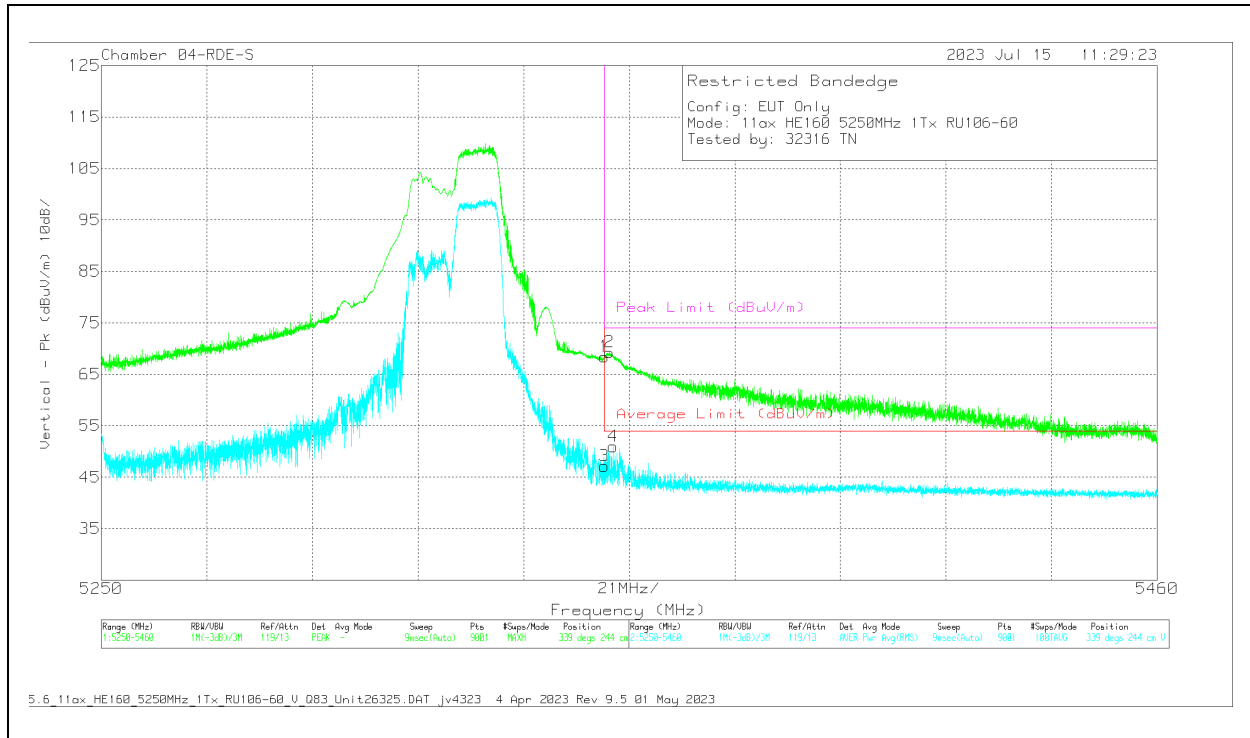


**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200784 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (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	54.59	Pk	34.6	0	-22.81	66.38	-	-	74	-7.62	22	307	H
3	5350	33	RMS	34.6	0.54	-22.81	45.33	54	-8.67	-	-	22	307	H
2	5350.66	55.48	Pk	34.6	0	-22.82	67.26	-	-	74	-6.74	22	307	H
4	5351.36	36.87	RMS	34.6	0.54	-22.81	49.2	54	-4.8	-	-	22	307	H

PK - Peak detector  
 RMS - RMS detection

**VERTICAL RESULT**



**Trace Markers**

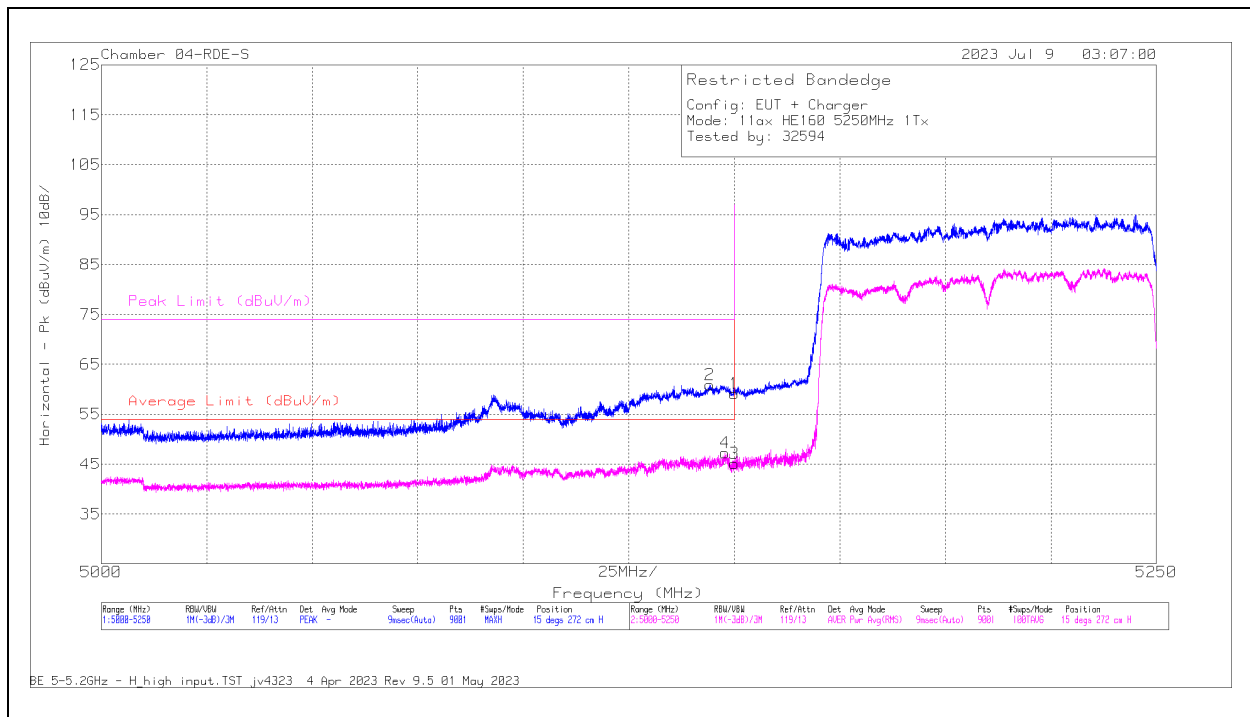
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200784 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5350	56.6	Pk	34.6	0	-22.81	68.39	-	-	74	-5.61	339	244	V
3	5350	34.86	RMS	34.6	0.54	-22.81	47.19	54	-6.81	-	-	339	244	V
2	5351.08	57.51	Pk	34.6	0	-22.82	69.29	-	-	74	-4.71	339	244	V
4	5351.76	38.64	RMS	34.6	0.54	-22.8	50.98	54	-3.02	-	-	339	244	V

Pk - Peak detector  
RMS - RMS detection

**1TX Antenna 6 MODE: SU, Single User**

**BANDEDGE (CHANNEL 50, LOW EDGE)**

**HORIZONTAL RESULT**

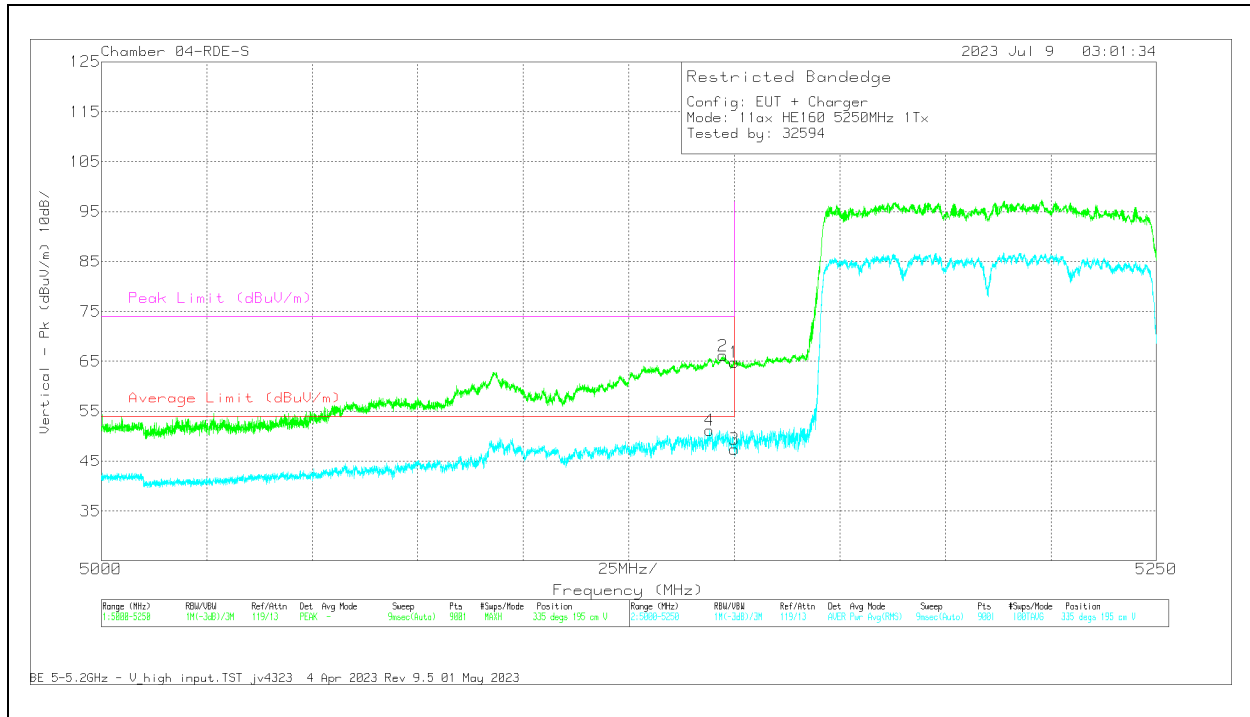


**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200784 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5144.17	49.96	Pk	34.3	0	-23.32	60.94	-	-	74	-13.06	15	272	H
4	5147.84	35.54	RMS	34.3	1.13	-23.3	47.67	54	-6.33	-	-	15	272	H
1	5150	48.09	Pk	34.3	0	-23.3	59.09	-	-	74	-14.91	15	272	H
3	5150	33.38	RMS	34.3	1.13	-23.3	45.51	54	-8.49	-	-	15	272	H

Pk - Peak detector  
RMS - RMS detection

**VERTICAL RESULT**



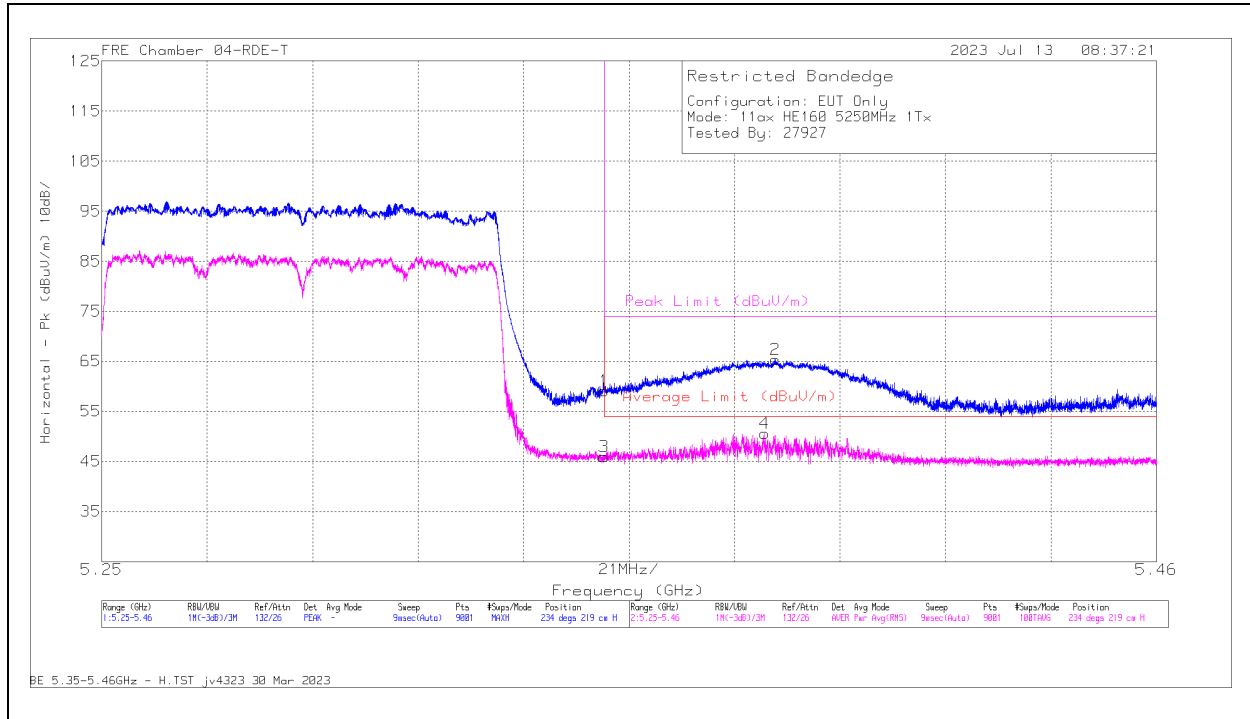
**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200784 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5144.11	39.53	RMS	34.3	1.13	-23.32	51.64	54	-2.36	-	-	335	195	V
2	5147.31	55.14	PK	34.3	0	-23.31	86.13	-	-	74	-7.87	335	195	V
1	5150	53.77	PK	34.3	0	-23.3	84.77	-	-	74	-9.23	335	195	V
3	5150	35.69	RMS	34.3	1.13	-23.3	47.82	54	-6.18	-	-	335	195	V

Pk - Peak detector  
 RMS - RMS detection

**BANDEDGE (CHANNEL 50, HIGH EDGE)**

**HORIZONTAL RESULT**

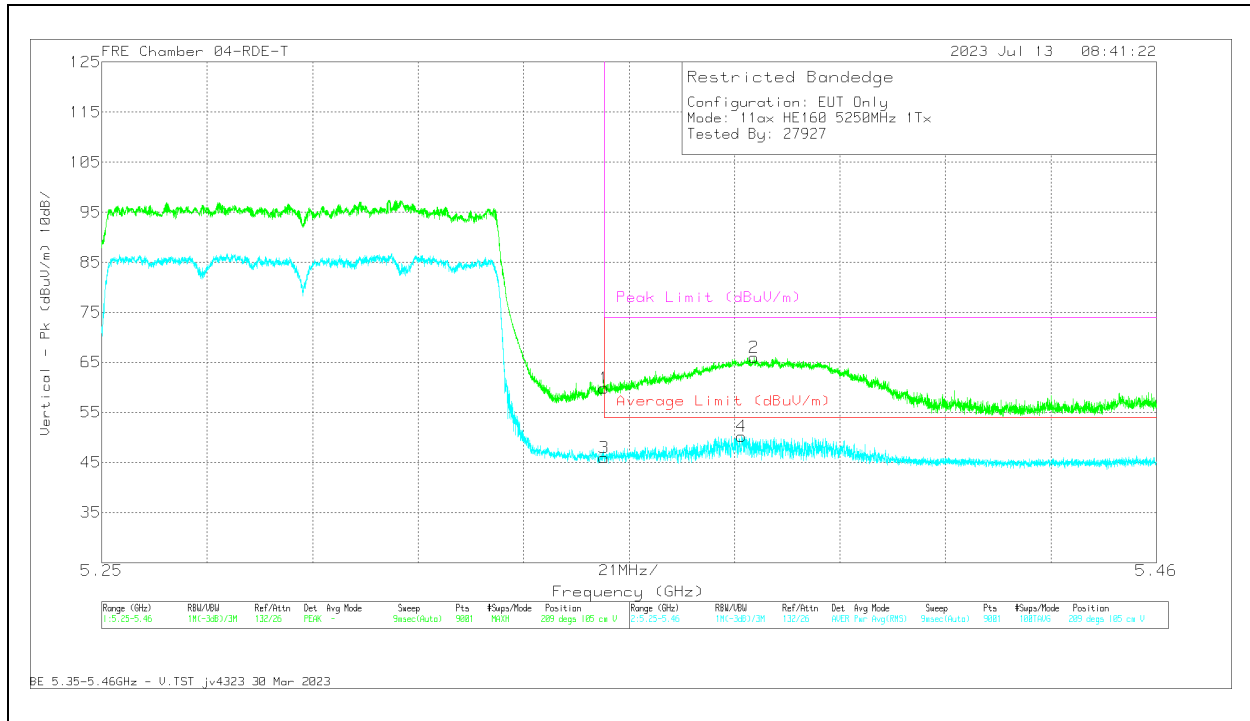


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBu/m)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	59.95	Pk	34.5	0	-35.37	59.06	-	-	74	-14.92	234	219	H
2	* 5.384141	66.15	Pk	34.5	0	-35.26	65.39	-	-	74	-8.61	234	219	H
3	* 5.35	46.09	RMS	34.5	1.13	-35.37	46.35	54	-7.65	-	-	234	219	H
4	* 5.382065	50.6	RMS	34.5	1.13	-35.27	50.96	54	-3.04	-	-	234	219	H

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

**VERTICAL RESULT**



**Trace Markers**

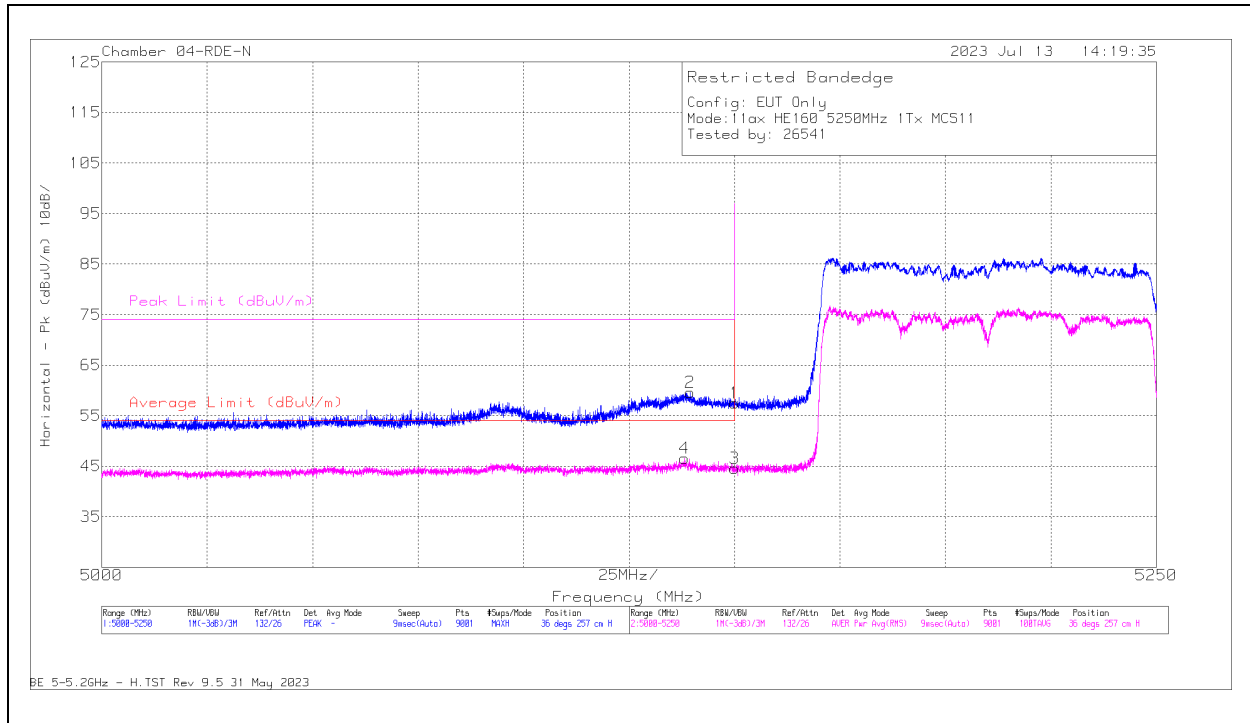
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 5mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	60.72	Pk	34.5	0	-35.37	59.85	-	-	74	-14.15	209	105	V
2	* 5.379941	66.71	Pk	34.5	0	-35.26	65.95	-	-	74	-8.05	209	105	V
3	* 5.35	46.17	RMS	34.5	1.13	-35.37	46.43	54	-7.57	-	-	209	105	V
4	* 5.377445	50.29	RMS	34.5	1.13	-35.28	50.64	54	-3.36	-	-	209	105	V

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

**1TX Antenna 5 MODE: SU, Single User**

**BANDEDGE (CHANNEL 50, LOW EDGE)**

**HORIZONTAL RESULT**



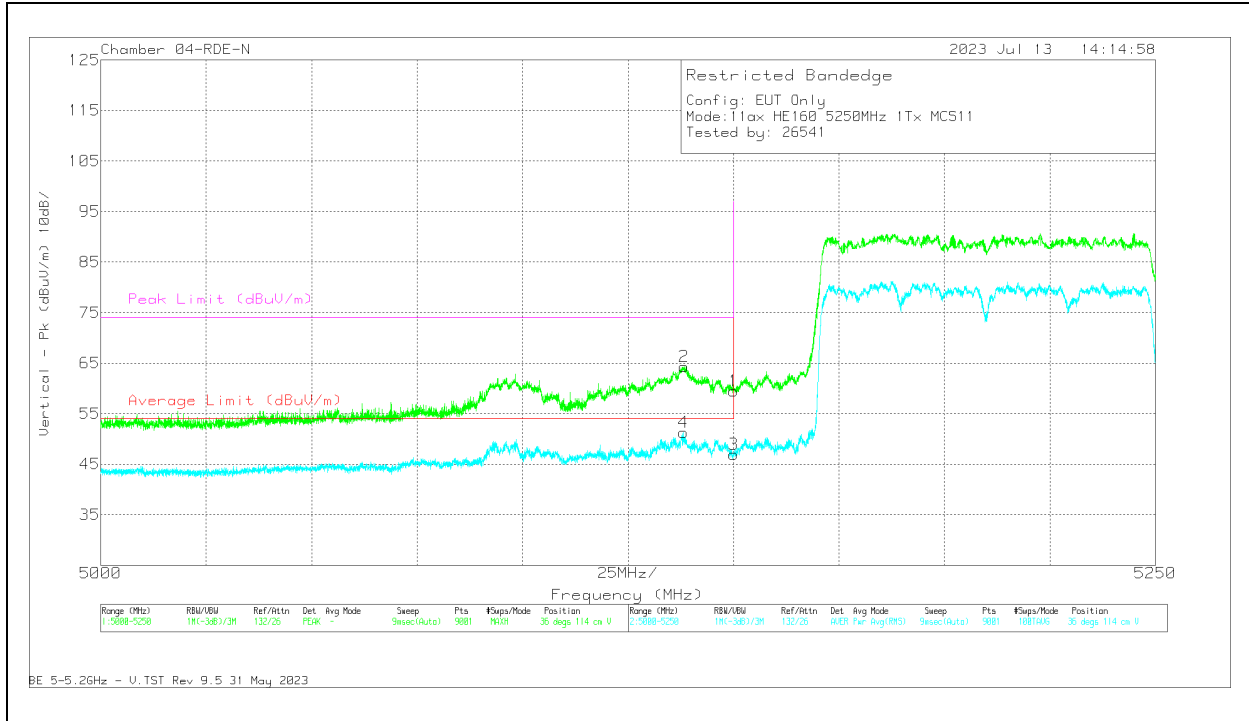
**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80430 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5138.17	50.28	RMS	34.7	1.13	-39.61	46.5	54	-7.5	-	-	36	257	H
2	5139.5	64.61	Pk	34.6	0	-39.6	59.61	-	-	74	-14.39	36	257	H
1	5150	62.75	Pk	34.6	0	-39.89	57.46	-	-	74	-16.54	36	257	H
3	5150	48.72	RMS	34.6	1.13	-39.89	44.56	54	-9.44	-	-	36	257	H

PK - Peak detector  
 RMS - RMS detection



**VERTICAL RESULT**



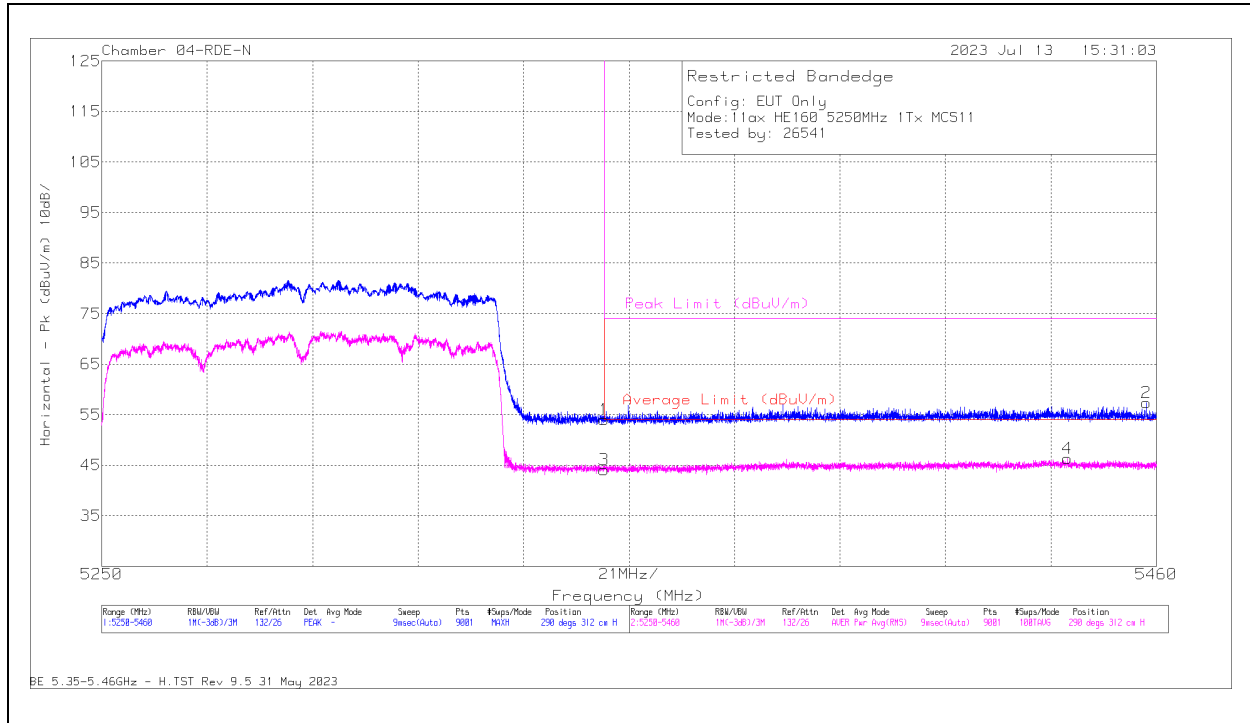
**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80430 ACF(dB) - 3mH	DCCF (dB)	GainLoss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5138.17	55.09	RMS	34.7	1.13	-39.61	51.31	54	-2.69	-	-	36	114	V
2	5138.33	69.26	Pk	34.7	0	-39.61	64.35	-	-	74	-9.65	36	114	V
1	5150	64.73	Pk	34.6	0	-39.89	59.44	-	-	74	-14.56	36	114	V
3	5150	51.08	RMS	34.6	1.13	-39.89	46.92	54	-7.08	-	-	36	114	V

Pk - Peak detector  
 RMS - RMS detection

**BANDEDGE (CHANNEL 50, HIGH EDGE)**

**HORIZONTAL RESULT**

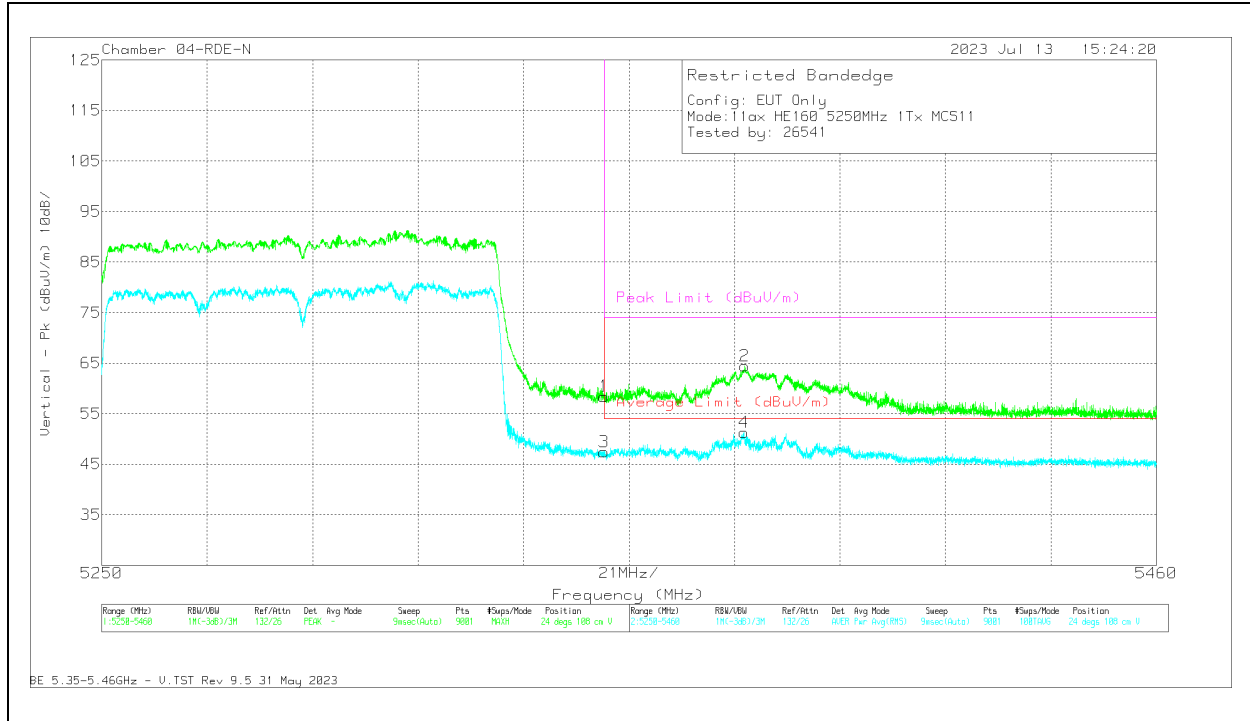


**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80430 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (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	58.04	PK	35.1	0	-39.12	54.02	-	-	74	-19.98	290	312	H
3	5350	46.94	RMS	35.1	1.13	-39.12	44.05	54	-9.95	-	-	290	312	H
4	5442.26	47.68	RMS	35.4	1.13	-37.91	46.3	54	-7.7	-	-	290	312	H
2	5458.01	60.41	PK	35.3	0	-38.3	57.41	-	-	74	-16.59	290	312	H

PK - Peak detector  
RMS - RMS detection

**VERTICAL RESULT**



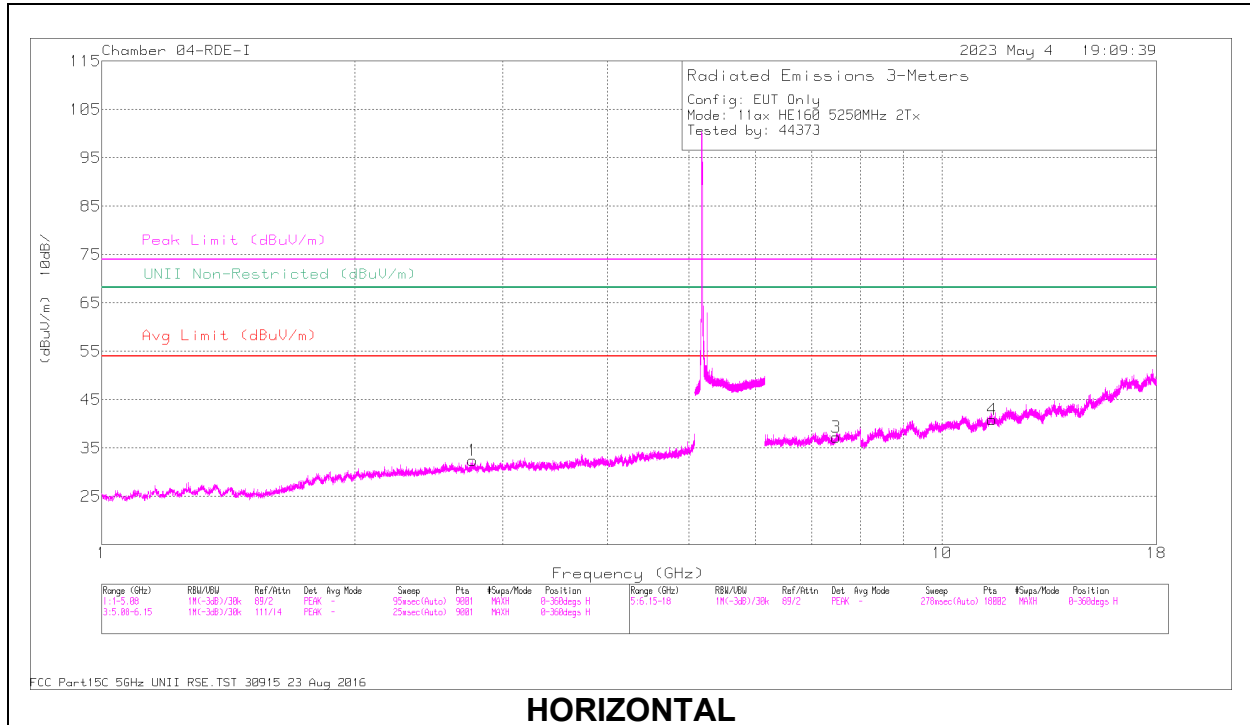
**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80430 ACF(dB) - 3mH	DCCF (dB)	GainLoss (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	62.44	Pk	35.1	0	-39.12	58.42	-	-	74	-15.58	24	108	V
3	5350	50.32	RMS	35.1	1.13	-39.12	47.43	54	-6.57	-	-	24	108	V
4	5377.91	53.7	RMS	35.1	1.13	-38.66	51.27	54	-2.73	-	-	24	108	V
2	5377.96	66	Pk	35.1	0	-38.66	64.44	-	-	74	-9.56	24	108	V

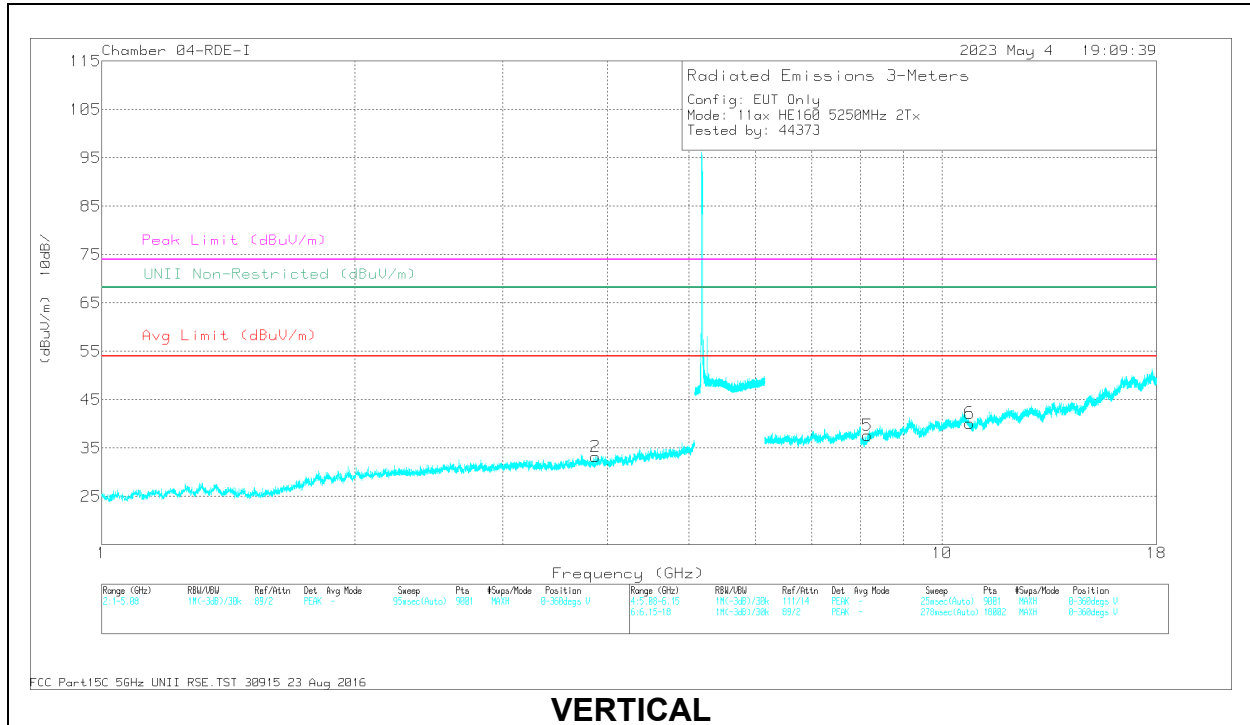
Pk - Peak detector  
 RMS - RMS detection

# 1.1.34. 5.3GHz, 11ax HE160 RU106, 2TX HARMONICS AND SPURIOUS EMISSIONS

## MID CHANNEL RESULTS



## HORIZONTAL



## VERTICAL

**RADIATED EMISSIONS**

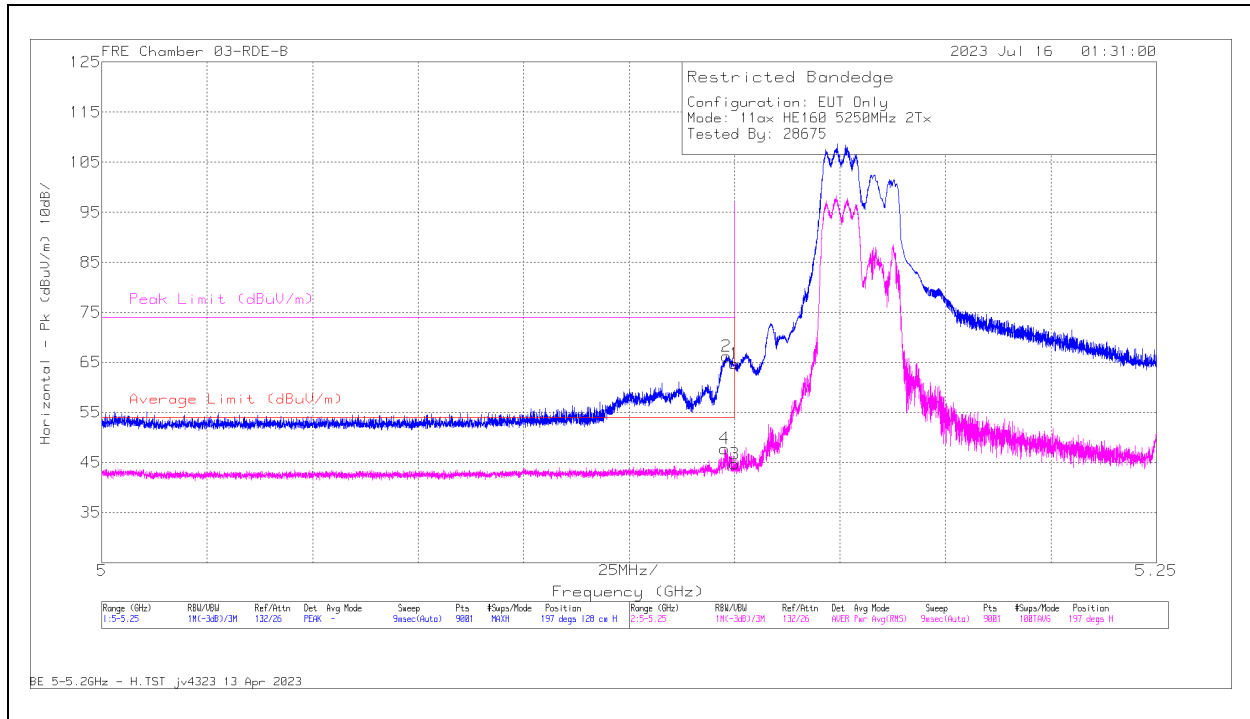
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB) - 3mH	Amp/C bl/Filtr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.762504	40.46	PK-U	32.4	-30.3	42.56	-	-	74	-31.44	360	200	H
	* 2.762049	28.24	ADR	32.4	-30.3	30.34	54	-23.66	-	-	360	200	H
2	* 3.87125	38.56	PK-U	33.2	-29.1	42.66	-	-	74	-31.34	360	200	V
	* 3.870553	26.92	ADR	33.2	-29.1	31.02	54	-22.98	-	-	360	200	V
3	* 7.479763	32.63	PK-U	35.6	-20.7	47.53	-	-	74	-26.47	360	200	H
	* 7.481729	20.98	ADR	35.6	-20.7	35.88	54	-18.12	-	-	360	200	H
4	* 11.481504	32.06	PK-U	38	-18.7	51.36	-	-	74	-22.64	360	200	H
	* 11.481127	20.53	ADR	38	-18.7	39.83	54	-14.17	-	-	360	200	H
5	* 8.153746	31.32	PK-U	35.8	-19.9	47.22	-	-	74	-26.78	360	101	V
	* 8.155615	19.84	ADR	35.8	-20	35.64	54	-18.36	-	-	360	101	V
6	* 10.780397	31.63	PK-U	37.6	-18.5	50.73	-	-	74	-23.27	360	200	V
	* 10.783639	19.87	ADR	37.6	-18.5	38.97	54	-15.03	-	-	360	200	V

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

**2TX Antenna 6 + Antenna 5 OFDMA MODE: 106-Tones, RU Index 53**

**BANDEDGE (CHANNEL 50 LOW EDGE)**

**HORIZONTAL RESULT**

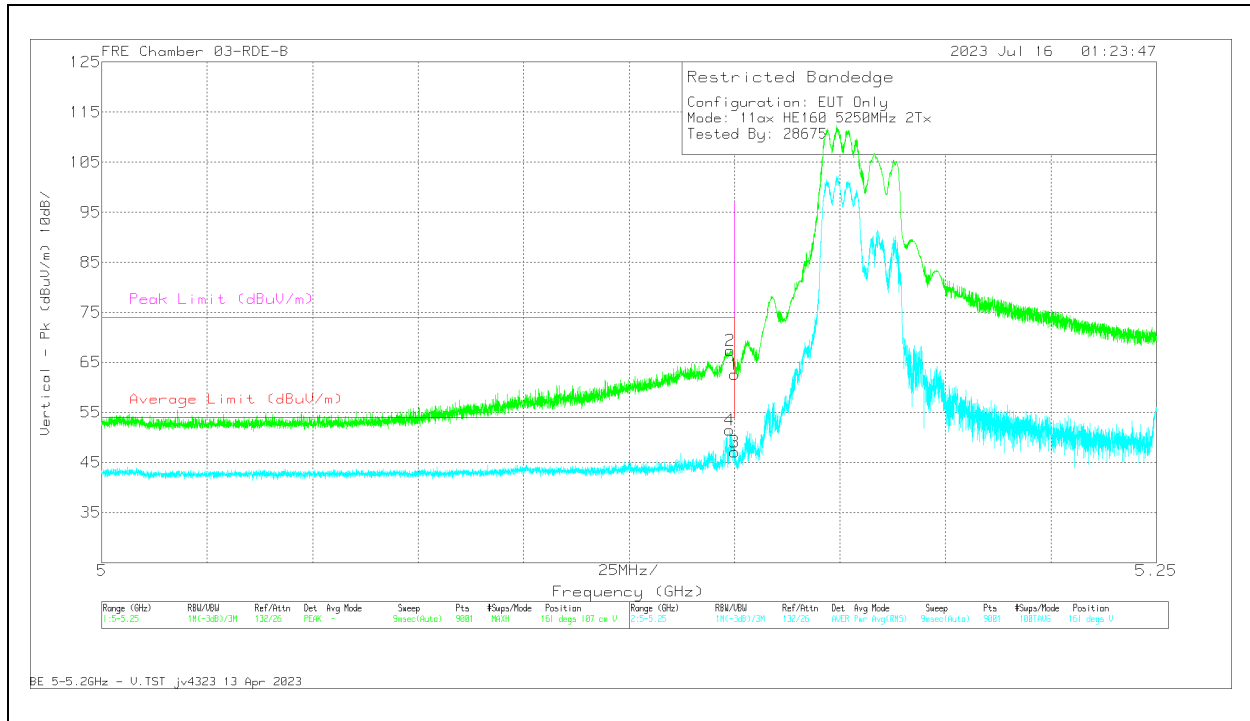


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBu/m)	Det	230300 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	70.36	Pk	34.3	0	-39.9	64.76	-	-	74	-9.24	197	128	H
2	* 5.148112	71.79	Pk	34.3	0	-39.9	66.19	-	-	74	-7.81	197	128	H
3	* 5.15	49.81	RMS	34.3	.54	-39.9	44.75	54	-9.25	-	-	197	128	H
4	* 5.147666	52.84	RMS	34.3	.54	-39.9	47.78	54	-6.22	-	-	197	128	H

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

**VERTICAL RESULT**



**Trace Markers**

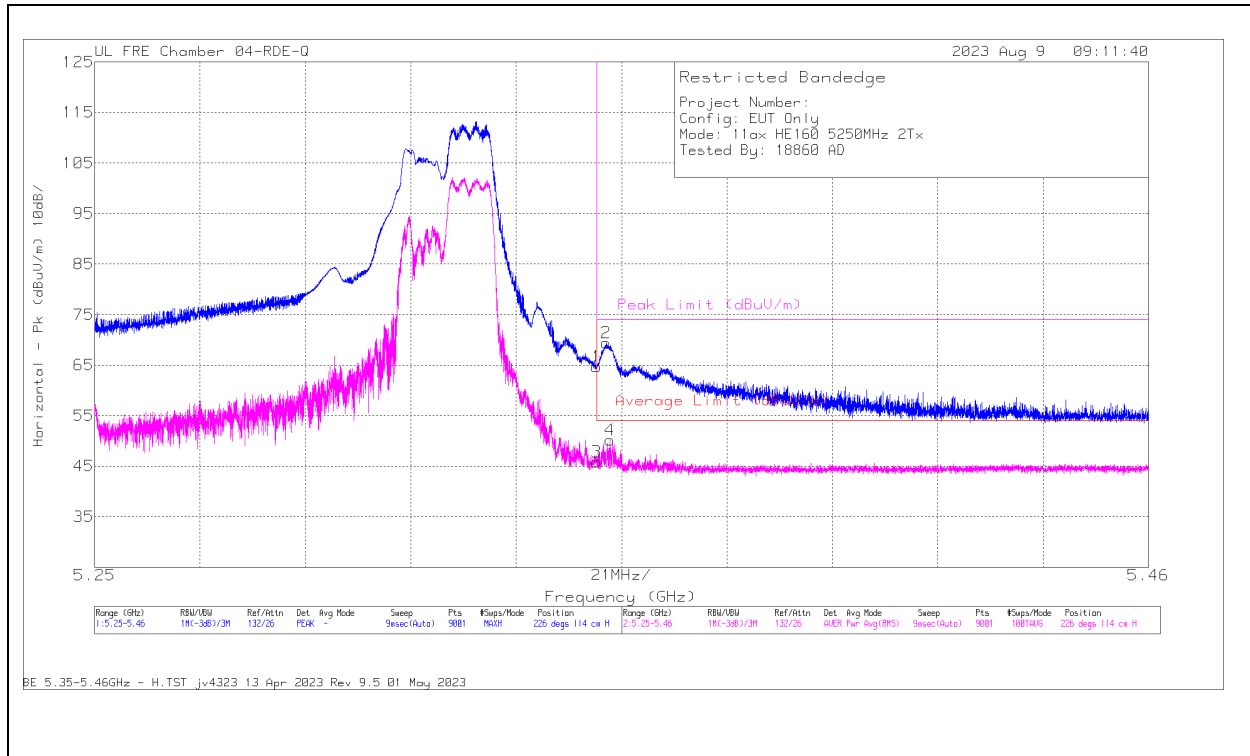
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	68.22	Pk	34.3	0	-39.9	62.62	-	-	74	-11.38	161	107	V
2	* 5.149001	72.96	Pk	34.3	0	-39.9	67.36	-	-	74	-6.64	161	107	V
3	* 5.15	52.14	RMS	34.3	.54	-39.9	47.08	54	-6.92	-	-	161	107	V
4	* 5.14889	56.51	RMS	34.3	.54	-39.9	51.45	54	-2.55	-	-	161	107	V

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

**2TX Antenna 6 + Antenna 5 OFDMA MODE: 106-Tones, RU Index S60**

**BANDEDGE (CHANNEL 50 HIGH EDGE)**

**HORIZONTAL RESULT**

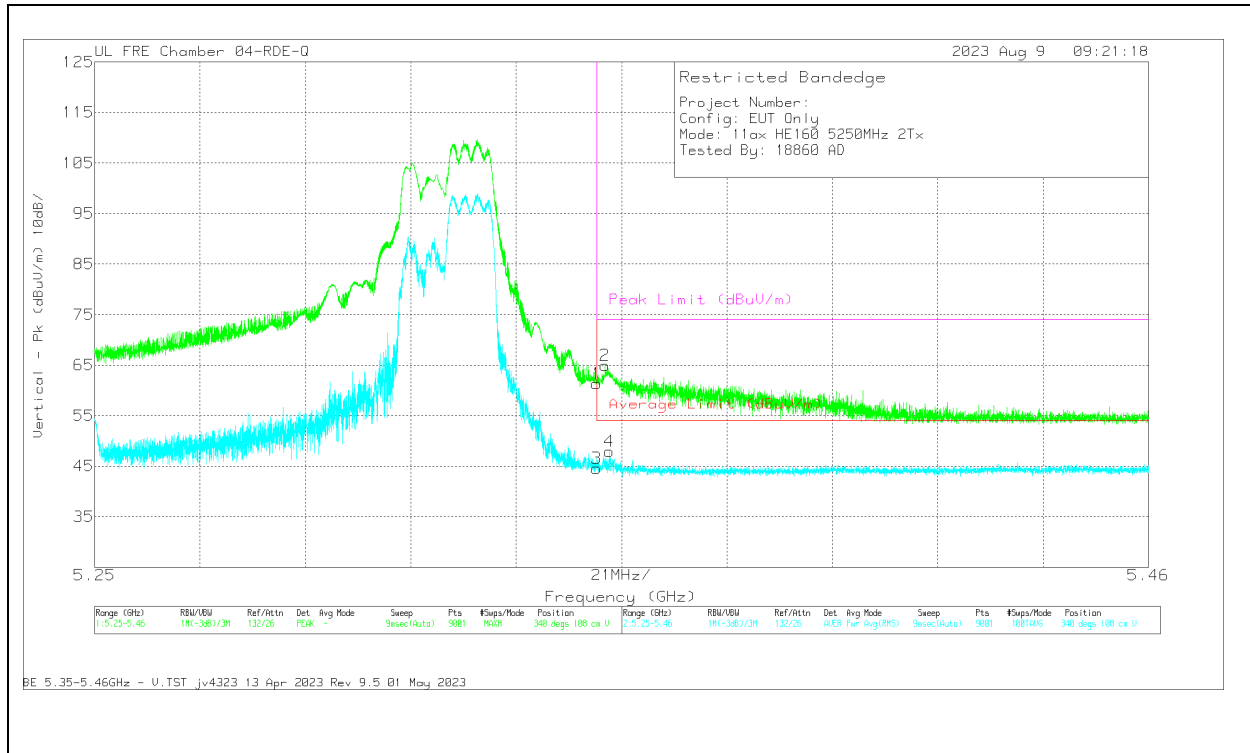


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB) - 3MHz	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	67.08	Pk	34.2	0	-36.54	64.74	-	-	74	-9.26	226	114	H
3	5.35	47.64	RMS	34.2	54	-36.54	45.84	54	-8.16	-	-	226	114	H
2	5.351919	71.82	Pk	34.2	0	-36.59	69.43	-	-	74	-4.57	226	114	H
4	5.352665	52.07	RMS	34.2	54	-36.59	50.22	54	-3.78	-	-	226	114	H

Pk - Peak detector  
 RMS - RMS detection



**VERTICAL RESULT**



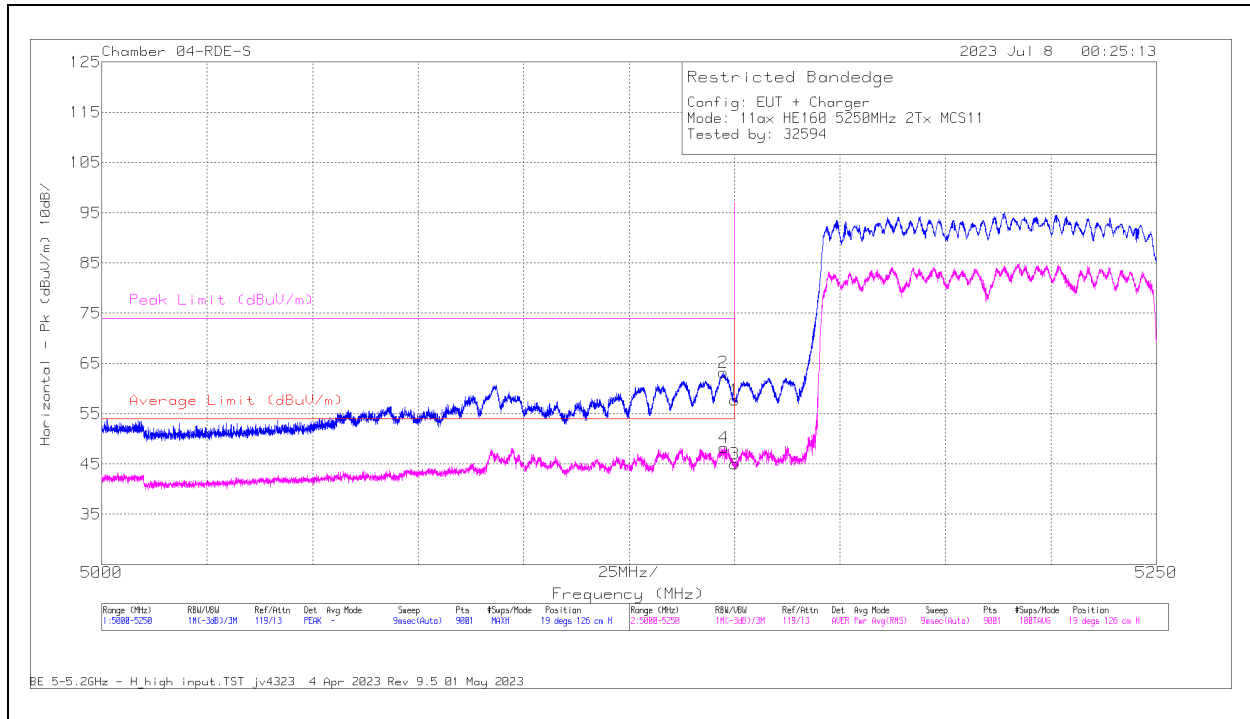
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB) - 3MHz	DCCF (dB)	GainLoss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	63.65	PK	34.2	0	-36.54	61.31	-	-	74	-12.69	340	108	V
3	5.35	46.36	RMS	34.2	.54	-36.54	44.56	54	-9.44	-	-	340	108	V
2	5.351685	67.28	PK	34.2	0	-36.59	64.89	-	-	74	-9.11	340	108	V
4	5.352525	49.79	RMS	34.2	.54	-36.59	47.94	54	-6.06	-	-	340	108	V

PK - Peak detector  
 RMS - RMS detection

**2TX Antenna 6 + Antenna 5 OFDMA MODE: SU, Single User**

**BANDEDGE (CHANNEL 50, LOW EDGE)**

**HORIZONTAL RESULT**

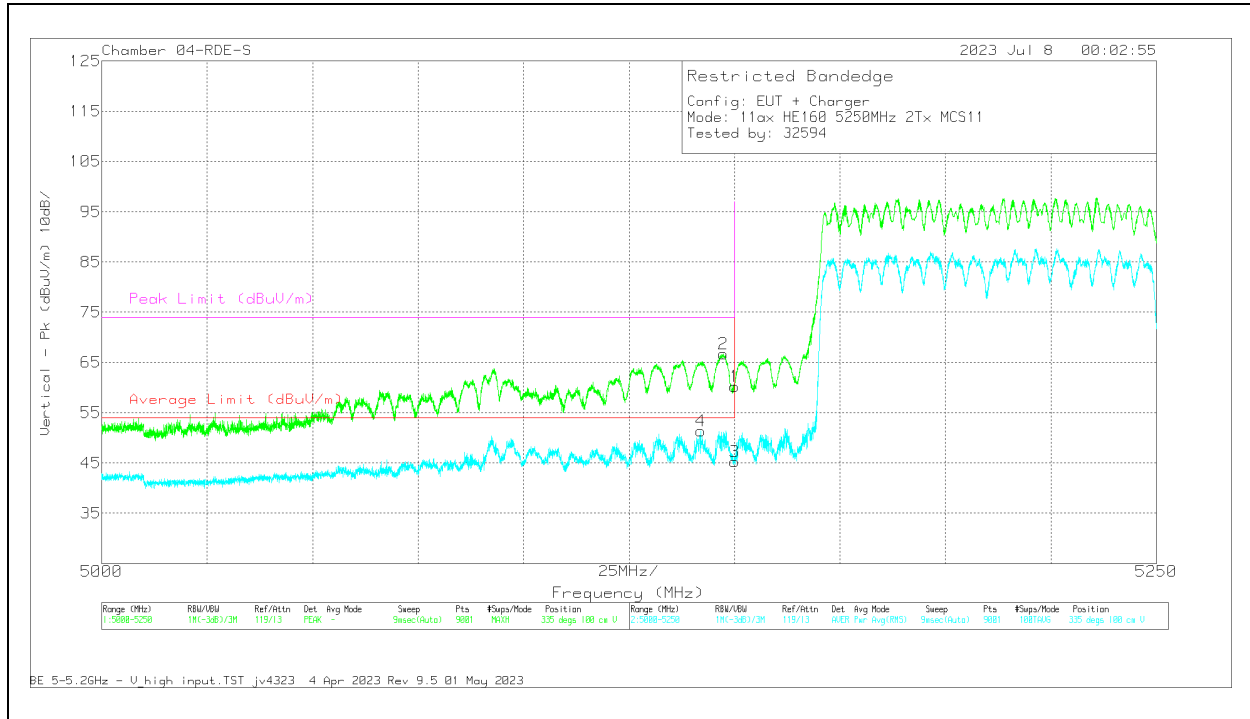


**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBu)	Det	200784 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5147.34	52.23	Pk	34.3	0	-23.31	63.22	-	-	74	-10.78	19	126	H
4	5147.56	36.12	RMS	34.3	1.13	-23.3	48.25	54	-5.75	-	-	19	126	H
1	5150	46.76	Pk	34.3	0	-23.3	57.76	-	-	74	-16.24	19	126	H
3	5150	32.82	RMS	34.3	1.13	-23.3	44.95	54	-9.05	-	-	19	126	H

Pk - Peak detector  
RMS - RMS detection

**VERTICAL RESULT**



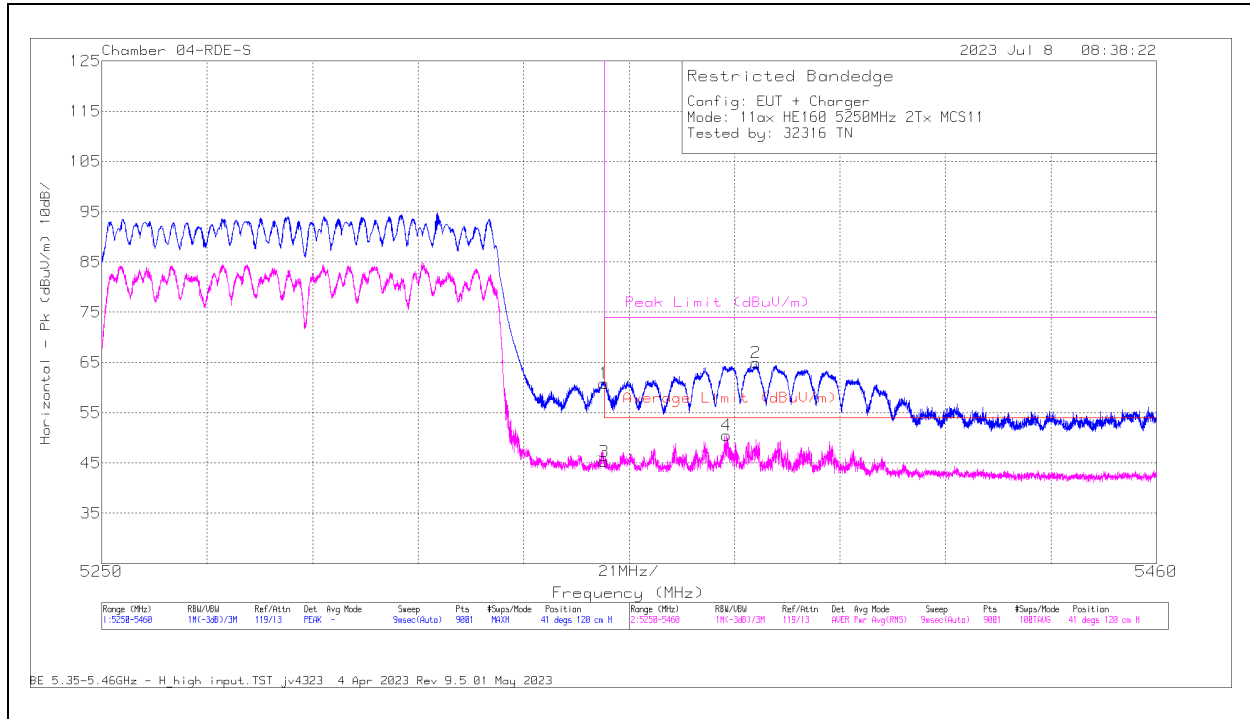
**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200784 ACF (dB) 3mit	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5141.95	39.27	RMS	34.3	1.13	-23.33	51.37	54	-2.63	-	-	335	100	V
2	5147.31	55.66	Pk	34.3	0	-23.31	66.65	-	-	74	-7.35	335	100	V
1	5150	49.25	Pk	34.3	0	-23.3	60.25	-	-	74	-13.75	335	100	V
3	5150	33.11	RMS	34.3	1.13	-23.3	45.24	54	-8.76	-	-	335	100	V

Pk - Peak detector  
RMS - RMS detection

**BANEDGE (CHANNEL 50, HIGH EDGE)**

**HORIZONTAL RESULT**



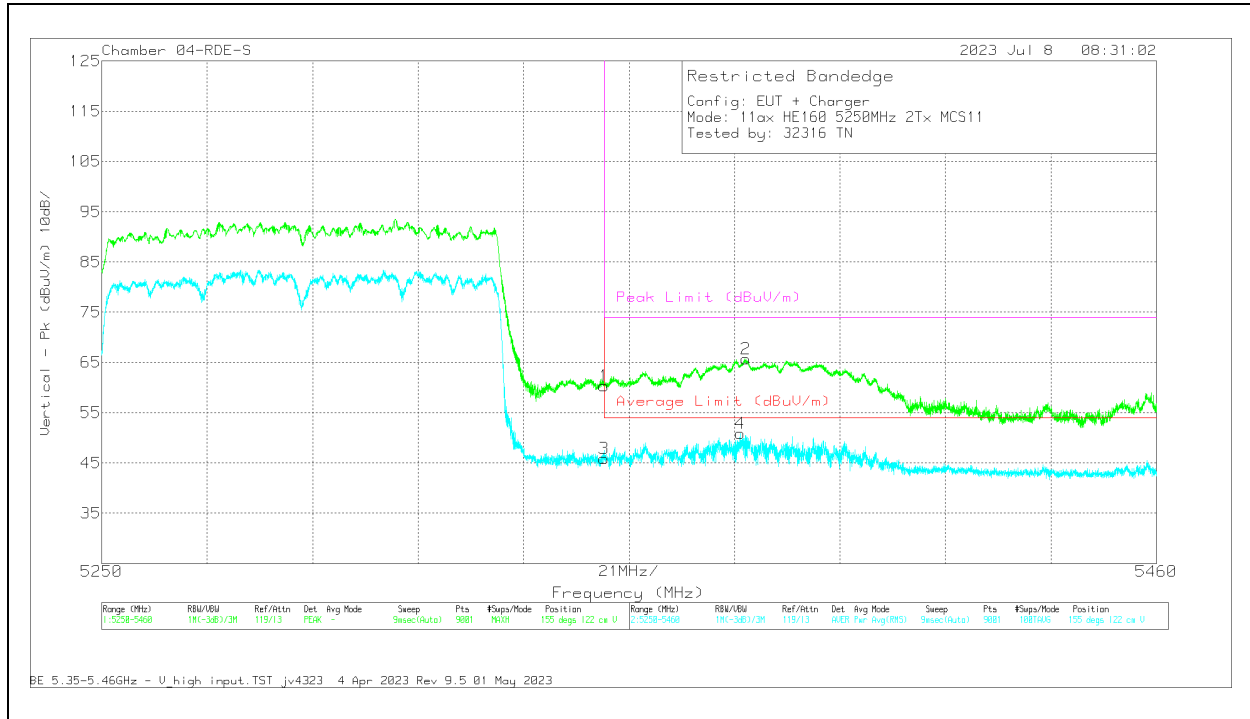
**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200784 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (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	49.11	Pk	34.6	0	-22.81	60.9	-	-	74	-13.1	41	120	H
3	5350	32.34	RMS	34.6	1.13	-22.81	45.26	54	-8.74	-	-	41	120	H
4	5374.37	37.41	RMS	34.6	1.13	-22.74	50.4	54	-3.6	-	-	41	120	H
2	5380.32	53.13	Pk	34.6	0	-22.76	64.97	-	-	74	-9.03	41	120	H

Pk - Peak detector

RMS - RMS detection

**VERTICAL RESULT**



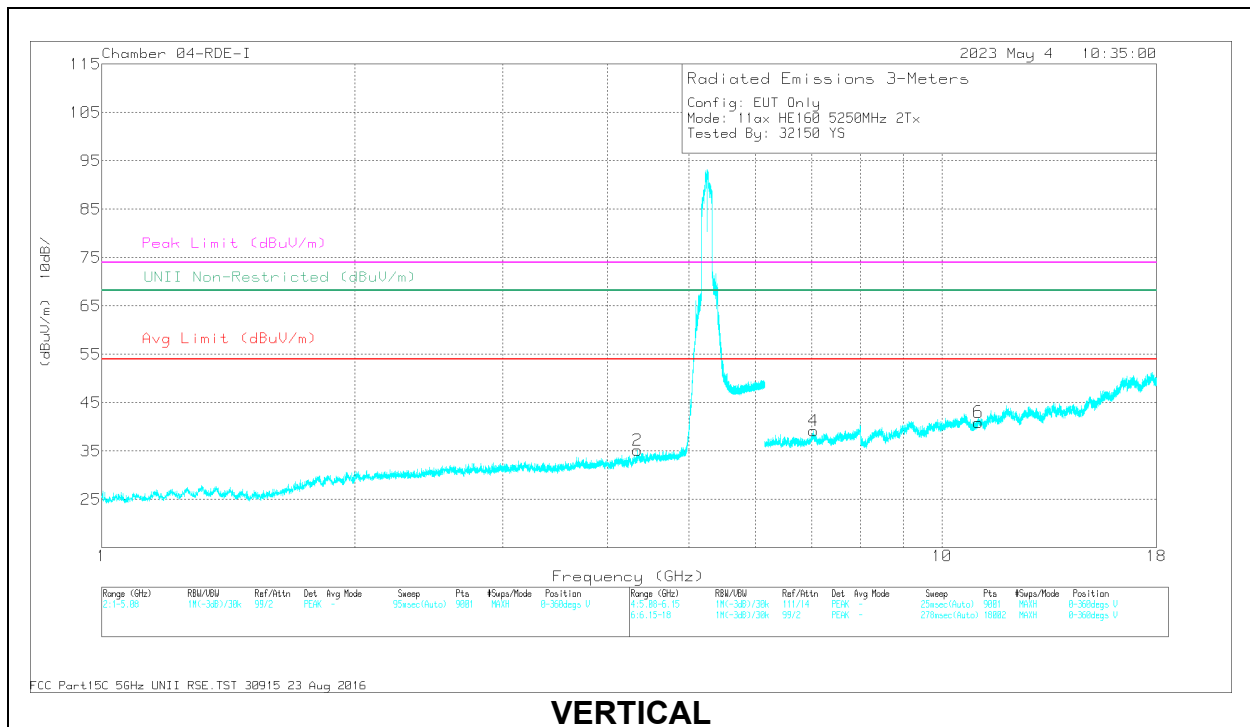
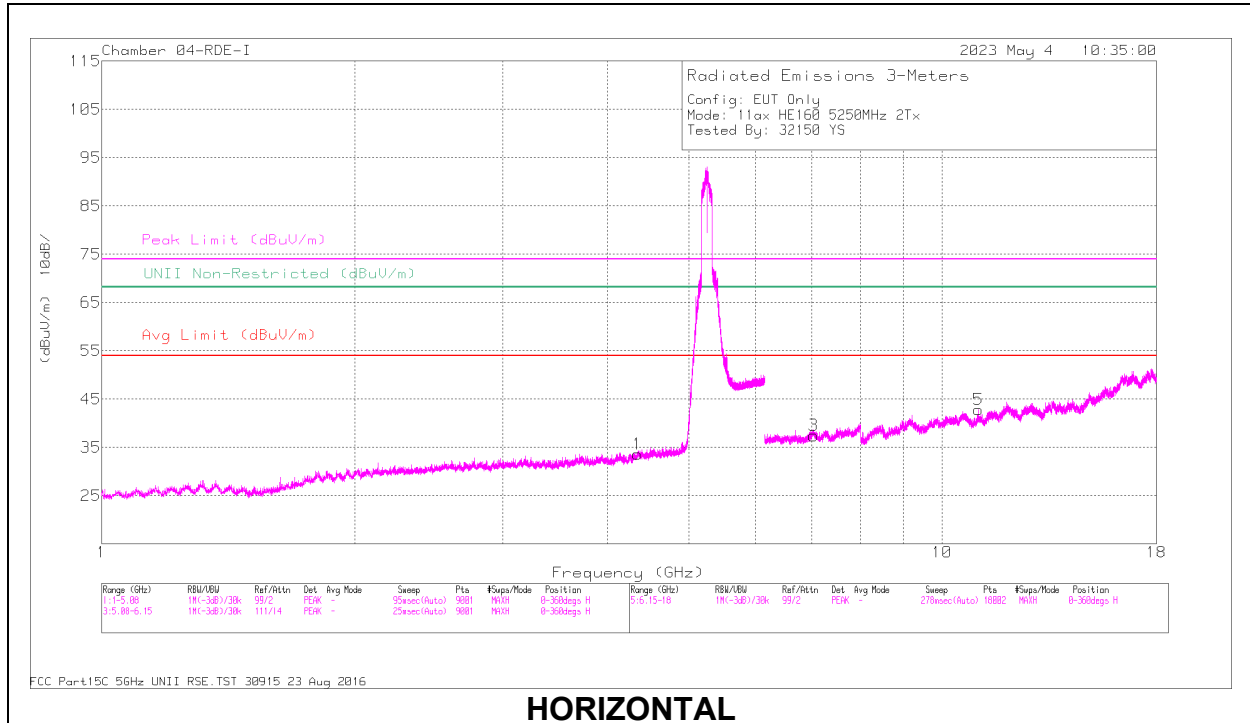
**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200784 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (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	48.58	Pk	34.6	0	-22.81	60.37	-	-	74	-13.63	155	122	V
3	5350	32.92	RMS	34.6	1.13	-22.81	45.84	54	-8.16	-	-	155	122	V
4	5377.1	37.85	RMS	34.6	1.13	-22.76	50.82	54	-3.18	-	-	155	122	V
2	5378.29	53.88	Pk	34.6	0	-22.77	65.71	-	-	74	-8.29	155	122	V

Pk - Peak detector  
 RMS - RMS detection

# 1.1.35. 5.3GHz, 11ax HE160 SU 2TX HARMONICS AND SPURIOUS EMISSIONS

## MID CHANNEL RESULTS



**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB) - 3mH	Amp/C bl/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)	Polarit y
1	* 4.340168	38.04	PK-U	33.8	-27.4	0	44.44	-	-	74	-29.56	-	-	174	254	H
	* 4.340708	26.22	ADR	33.8	-27.4	.36	32.98	54	-21.02	-	-	-	-	174	254	H
2	* 4.339721	37.89	PK-U	33.8	-27.4	0	44.29	-	-	74	-29.71	-	-	243	152	V
	* 4.339836	26.33	ADR	33.8	-27.4	.36	33.09	54	-20.91	-	-	-	-	243	152	V
3	7.032785	33.15	PK-U	35.7	-21.1	0	47.75	-	-	-	-	68.2	-20.45	306	286	H
5	* 11.057414	32.13	PK-U	37.6	-18.5	0	51.23	-	-	74	-22.77	-	-	76	134	H
	* 11.055733	20.47	ADR	37.6	-18.4	.36	40.03	54	-13.97	-	-	-	-	76	134	H
4	7.030398	33.68	PK-U	35.7	-21.1	0	48.28	-	-	-	-	68.2	-19.92	120	204	V
6	* 11.05613	32.4	PK-U	37.6	-18.5	0	51.5	-	-	74	-22.5	-	-	184	285	V
	* 11.057132	20.58	ADR	37.6	-18.5	.36	40.04	54	-13.96	-	-	-	-	184	285	V

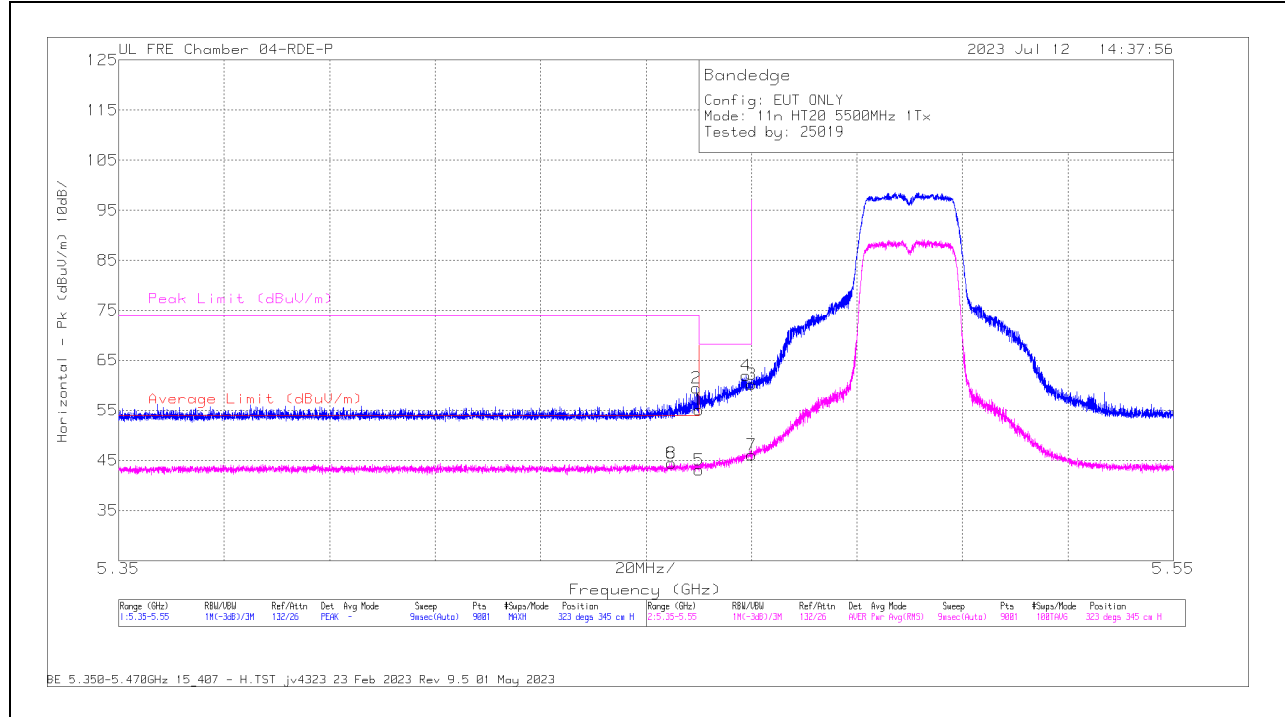
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

### 1.1.36. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.6 GHz BAND

#### 1TX Antenna 6

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



#### Trace Markers

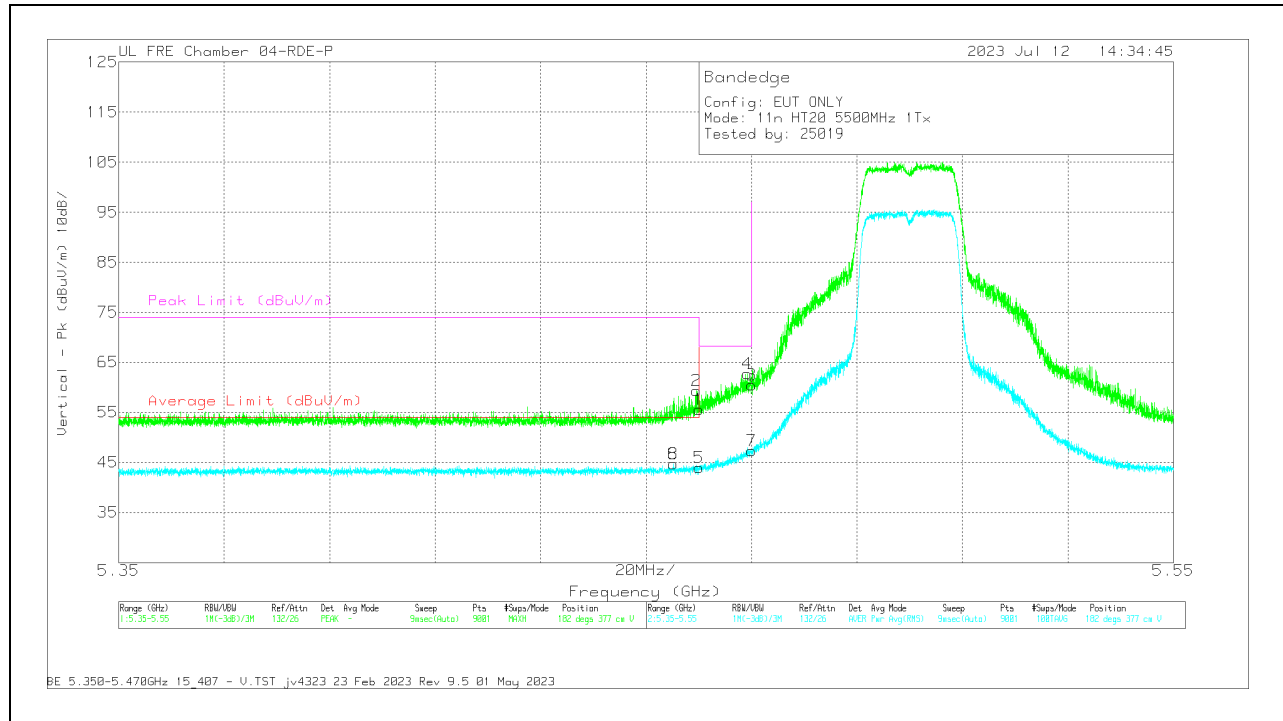
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mit	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	5.454755	47.56	RMS	34.4	.41	-37.9	44.47	54	-9.53	-	-	323	345	H
8	5.454755	47.56	RMS	34.4	.41	-37.9	44.47	54	-9.53	-	-	323	345	H
2	5.459554	62.98	PK	34.4	0	-37.93	59.45	-	-	74	-14.55	323	345	H
1	5.46	58.65	PK	34.4	0	-37.94	55.11	-	-	68.2	-13.09	323	345	H
5	5.46	46.25	RMS	34.4	.41	-37.94	43.12	54	-10.88	-	-	323	345	H
4	5.468999	65.36	PK	34.4	0	-37.82	61.94	-	-	68.2	-6.26	323	345	H
3	5.47	63.56	PK	34.4	0	-37.77	60.19	-	-	68.2	-8.01	323	345	H
7	5.47	49.03	RMS	34.4	.41	-37.77	46.07	-	-	-	-	323	345	H

PK - Peak detector

RMS - RMS detection



**VERTICAL RESULT**



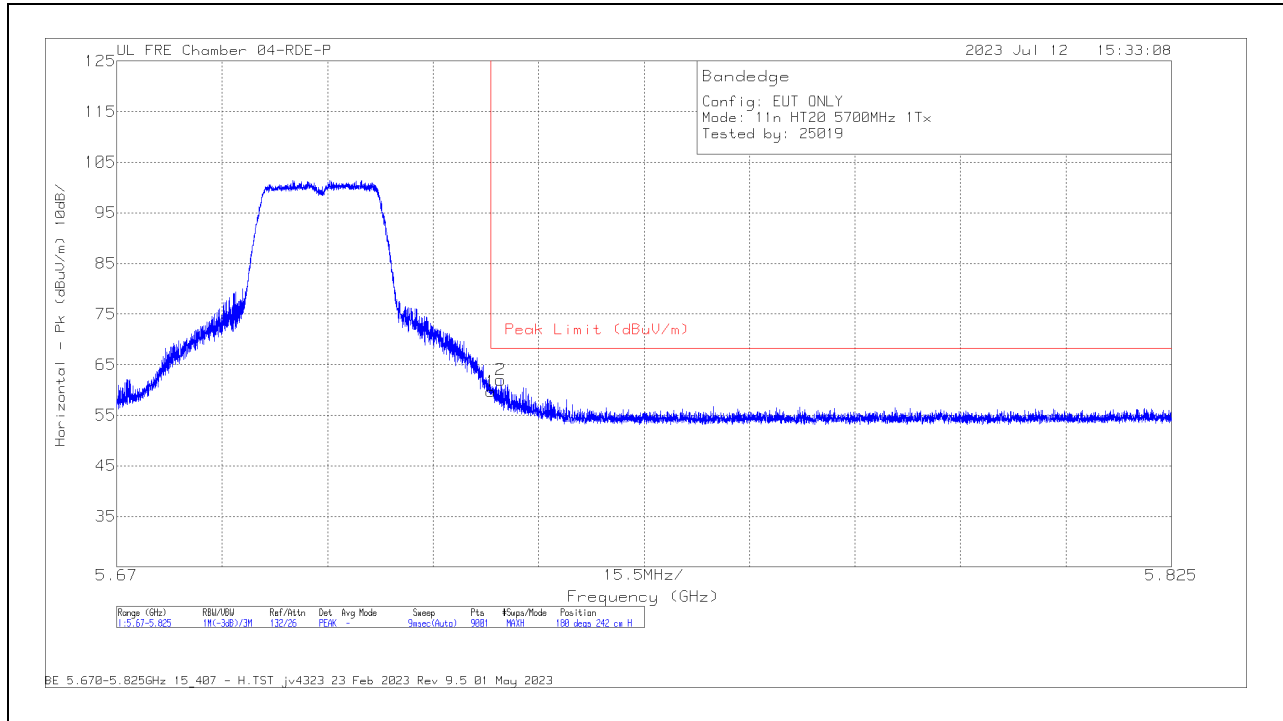
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	5.455177	47.78	RMS	34.4	.41	-37.89	44.7	54	-9.3	-	-	182	377	V
8	5.455177	47.78	RMS	34.4	.41	-37.89	44.7	54	-9.3	-	-	182	377	V
2	5.45951	62.93	Pk	34.4	0	-37.93	59.4	-	-	74	-14.6	182	377	V
1	5.46	59.15	Pk	34.4	0	-37.94	55.61	-	-	68.2	-12.59	182	377	V
5	5.46	47.13	RMS	34.4	.41	-37.94	44	54	-10	-	-	182	377	V
4	5.469199	66.09	Pk	34.4	0	-37.81	62.68	-	-	68.2	-5.52	182	377	V
3	5.47	63.89	Pk	34.4	0	-37.77	60.52	-	-	68.2	-7.68	182	377	V
7	5.47	50.3	RMS	34.4	.41	-37.77	47.34	-	-	-	-	182	377	V

PK - Peak detector  
RMS - RMS detection

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

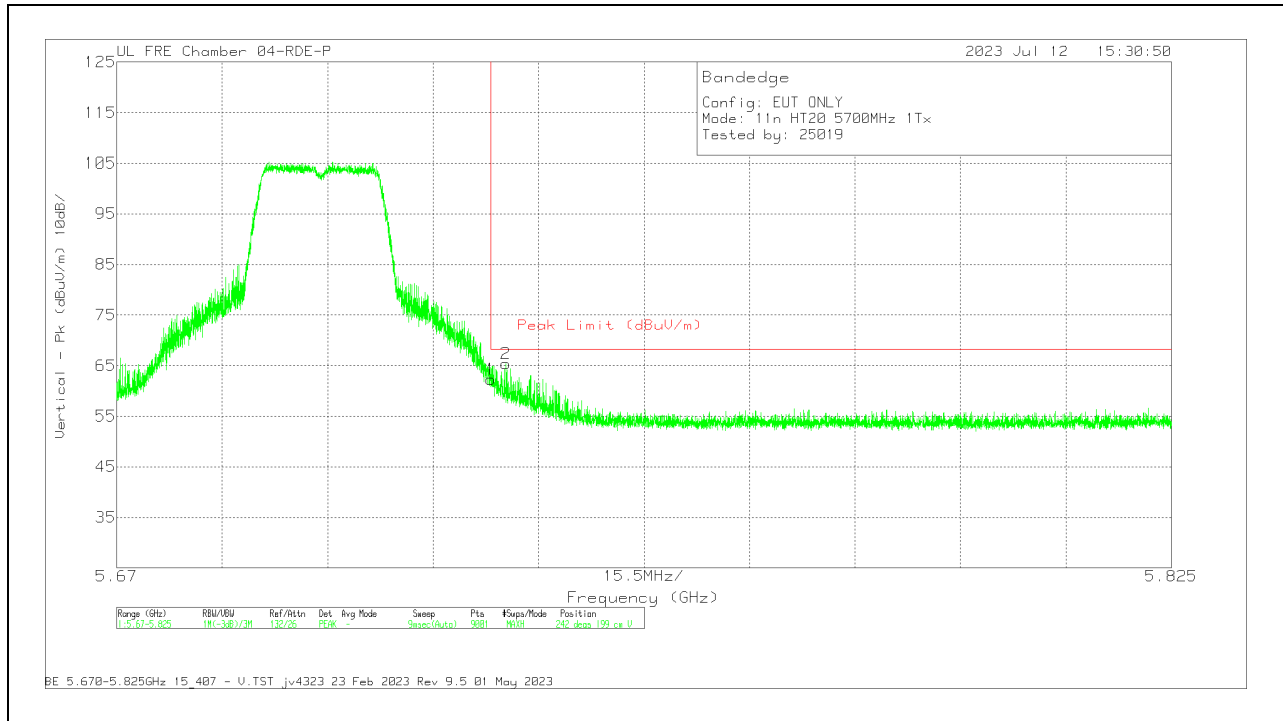


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	22740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	62.32	Pk	34.5	0	-37.07	59.75	68.2	-8.45	180	242	H
2	5.726402	64.54	Pk	34.5	0	-37.05	61.99	68.2	-6.21	180	242	H

Pk - Peak detector

**VERTICAL RESULT**



**Trace Markers**

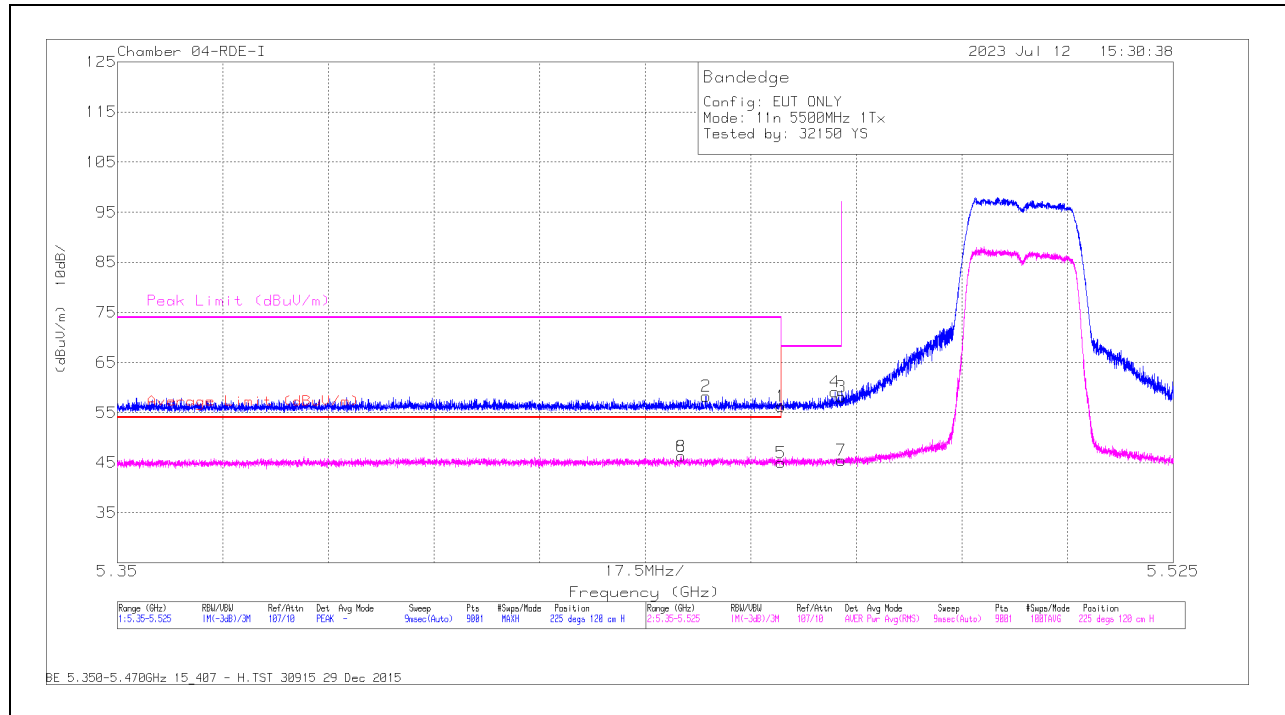
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	64.84	PK	34.5	0	-37.07	62.27	68.2	-5.93	242	199	V
2	5.727177	67.88	PK	34.5	0	-37.03	65.35	68.2	-2.85	242	199	V

Pk - Peak detector

**1TX Antenna 5**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**

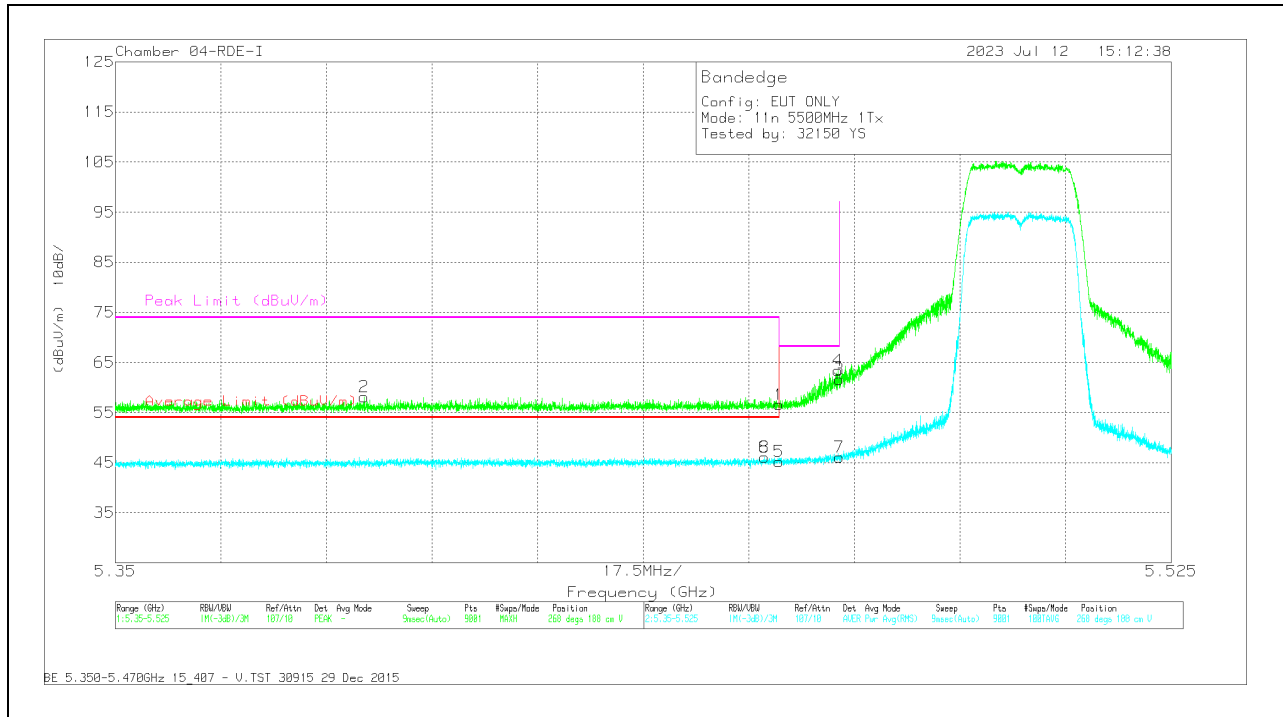


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB) - 3mst	Cb/Amp (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	* 5.46	37.09	Pk	35.1	-15.9	0	56.29	-	-	68.2	-11.91	225	120	H
2	* 5.447589	39.04	PK	35.1	-15.9	0	58.24	-	-	74	-15.76	225	120	H
3	5.47	39.12	Pk	35.1	-16.1	0	58.12	-	-	68.2	-10.08	225	120	H
4	5.468939	40.07	Pk	35.1	-16	0	59.17	-	-	68.2	-9.03	225	120	H
5	* 5.46	25.61	RMS	35.1	-15.9	0.41	45.22	54	-8.78	-	-	225	120	H
6	* 5.443467	26.87	RMS	35.1	-15.9	0.41	46.48	54	-7.52	-	-	225	120	H
7	5.47	26.28	RMS	35.1	-16.1	0.41	45.69	-	-	-	-	225	120	H
8	* 5.443467	26.87	RMS	35.1	-15.9	0.41	46.48	54	-7.52	-	-	225	120	H

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

**VERTICAL RESULT**



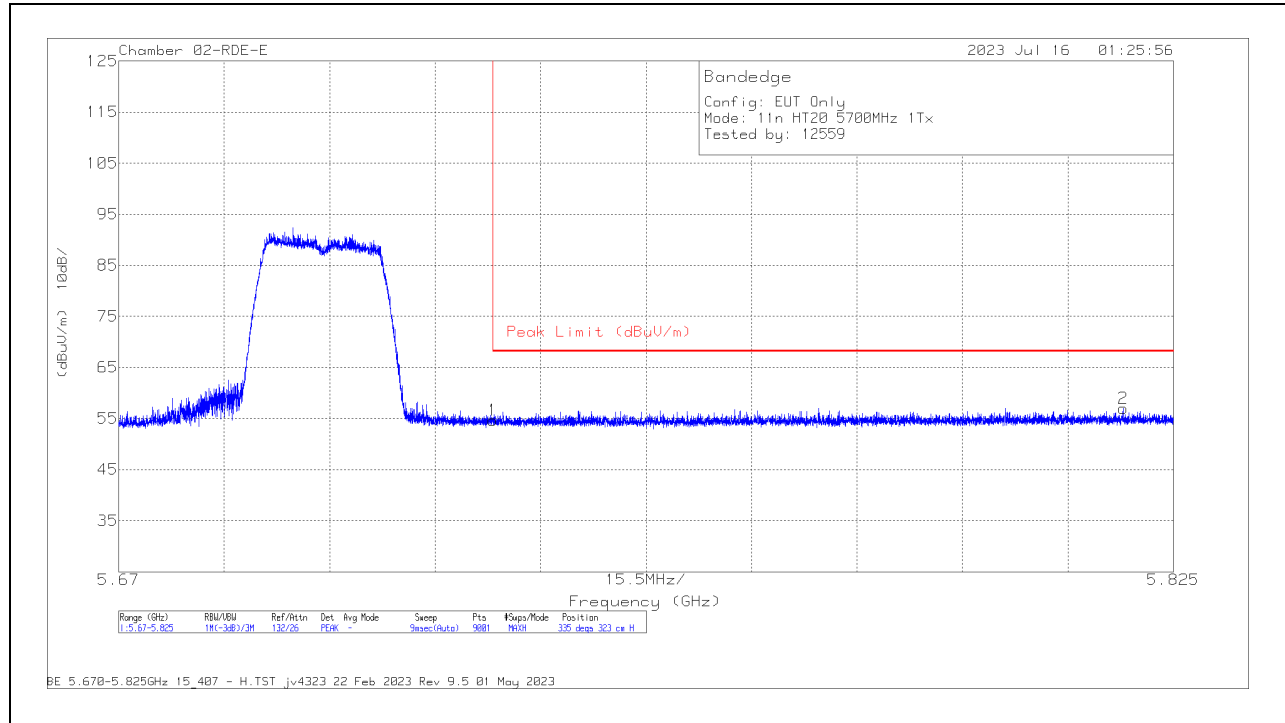
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB) - 3mH	Chl/Amp (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	*5.46	37.39	Pk	35.1	-15.9	0	56.59	-	-	88.2	-11.61	268	188	V
2	*5.39128	39.2	Pk	34.9	-16	0	58.1	-	-	74	-15.9	268	188	V
3	5.47	42.7	Pk	35.1	-16.1	0	61.7	-	-	88.2	-6.5	268	188	V
4	5.469756	44.4	Pk	35.1	-16.1	0	63.4	-	-	88.2	-4.8	268	188	V
5	*5.46	25.76	RMS	35.1	-15.9	0.41	45.37	54	-8.63	-	-	268	188	V
6	*5.457623	26.57	RMS	35.1	-15.8	0.41	46.28	54	-7.72	-	-	268	188	V
7	5.47	26.92	RMS	35.1	-16.1	0.41	46.33	-	-	-	-	268	188	V
8	*5.457623	26.57	RMS	35.1	-15.8	0.41	46.28	54	-7.72	-	-	268	188	V

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

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

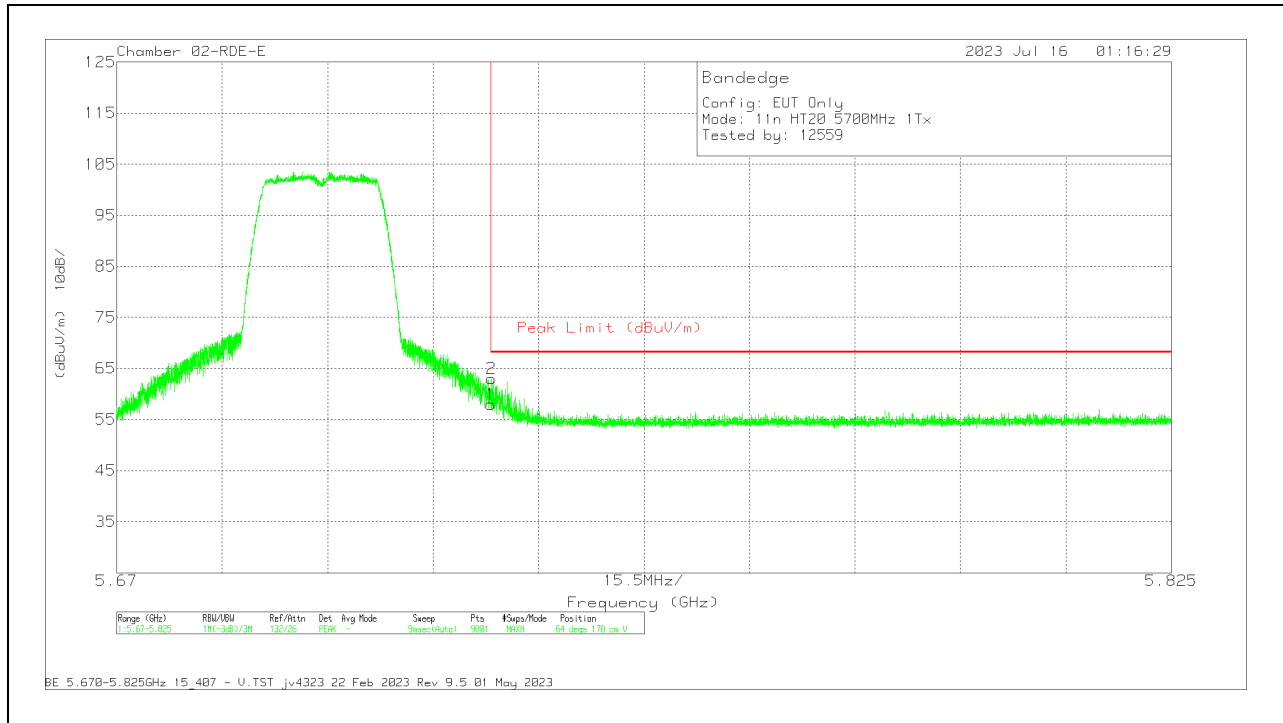


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	56.79	PK	34.6	0	-36.76	54.63	68.2	-13.57	335	323	H
2	5.817644	58.71	PK	34.8	0	-36.46	57.05	68.2	-11.15	335	323	H

Pk - Peak detector

**VERTICAL RESULT**



**Trace Markers**

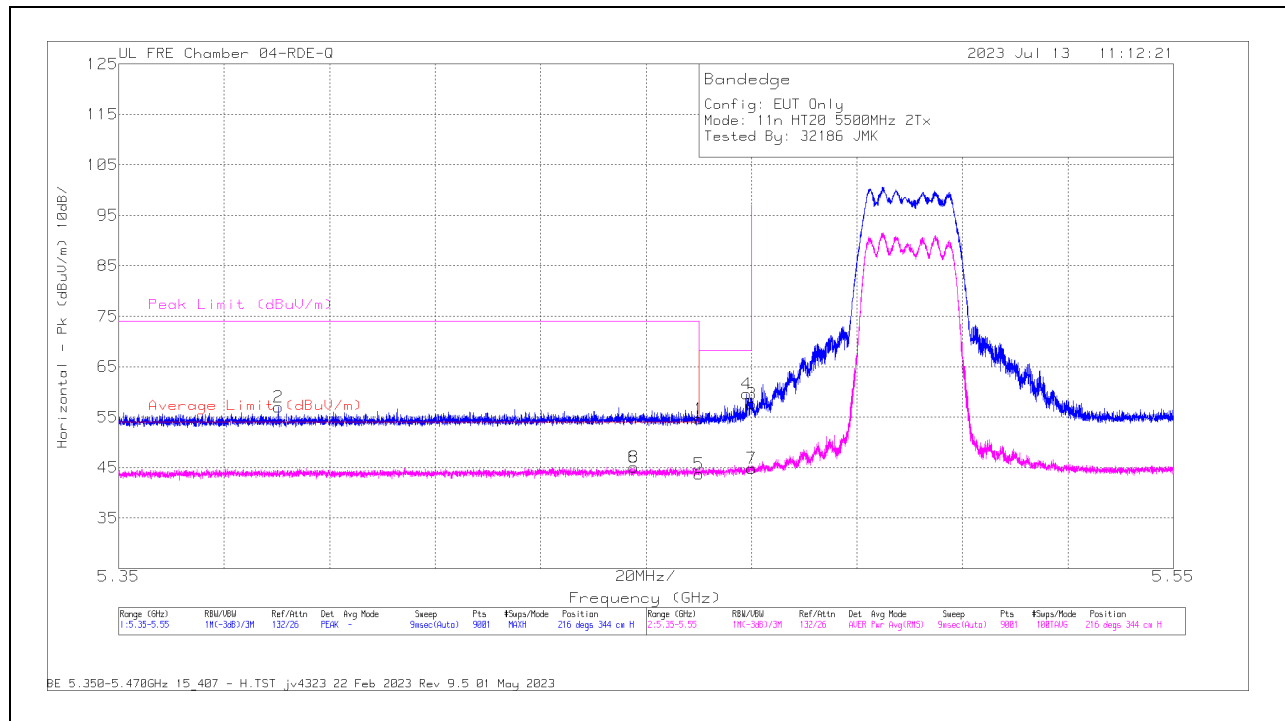
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	60.13	Pk	34.6	0	-36.76	57.97	68.2	-10.23	64	170	V
2	5.725093	65.21	Pk	34.6	0	-36.76	63.05	68.2	-5.15	64	170	V

Pk - Peak detector

**2TX Antenna 6 + Antenna 5 CDD MODE**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



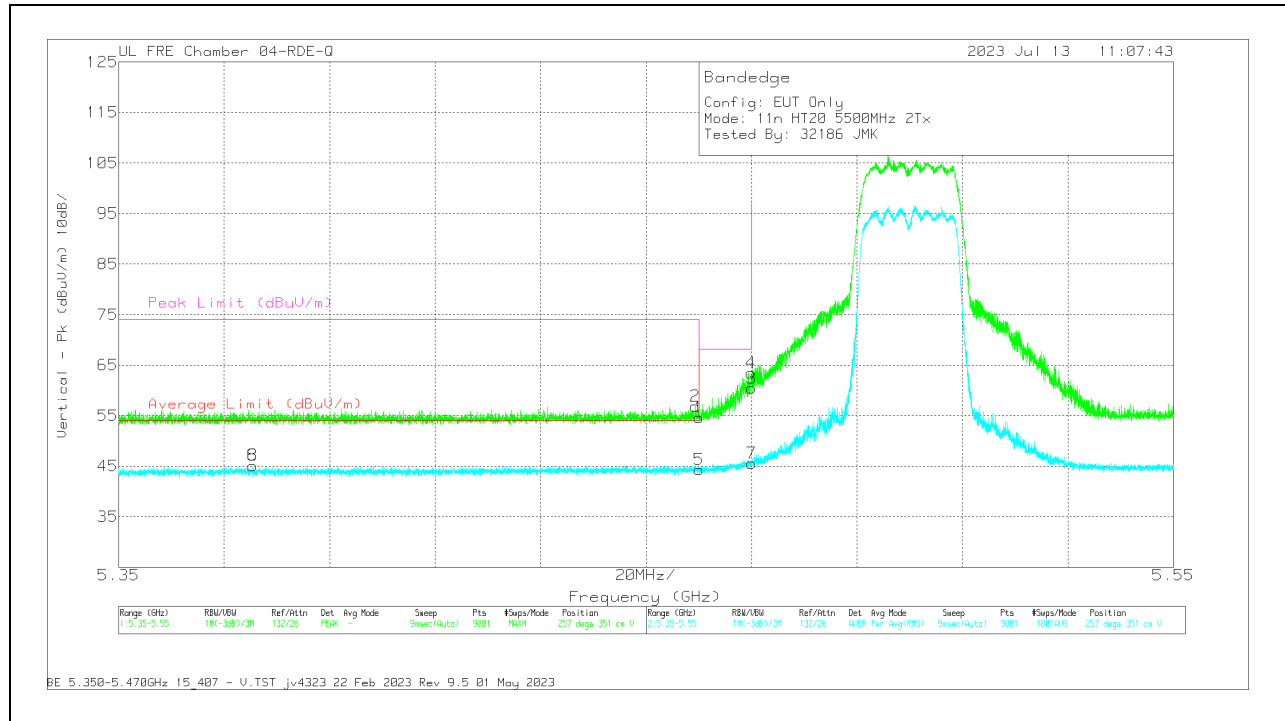
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBu)	Det	84796 ACF (dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.380244	59.24	Pk	34.2	0	-36.5	56.94	-	-	74	-17.06	216	344	H
6	5.447666	46.66	RMS	34.4	.41	-36.34	45.13	54	-8.87	-	-	216	344	H
8	5.447666	46.66	RMS	34.4	.41	-36.34	45.13	54	-8.87	-	-	216	344	H
1	5.46	56.65	Pk	34.4	0	-36.4	54.65	-	-	68.2	-13.55	216	344	H
5	5.46	45.26	RMS	34.4	.41	-36.4	43.67	54	-10.33	-	-	216	344	H
4	5.469088	61.62	Pk	34.4	0	-36.45	59.57	-	-	68.2	-8.63	216	344	H
3	5.47	59.66	Pk	34.4	0	-36.47	57.59	-	-	68.2	-10.61	216	344	H
7	5.47	46.54	RMS	34.4	.41	-36.47	44.88	-	-	-	-	216	344	H

Pk - Peak detector  
RMS - RMS detection



**VERTICAL RESULT**



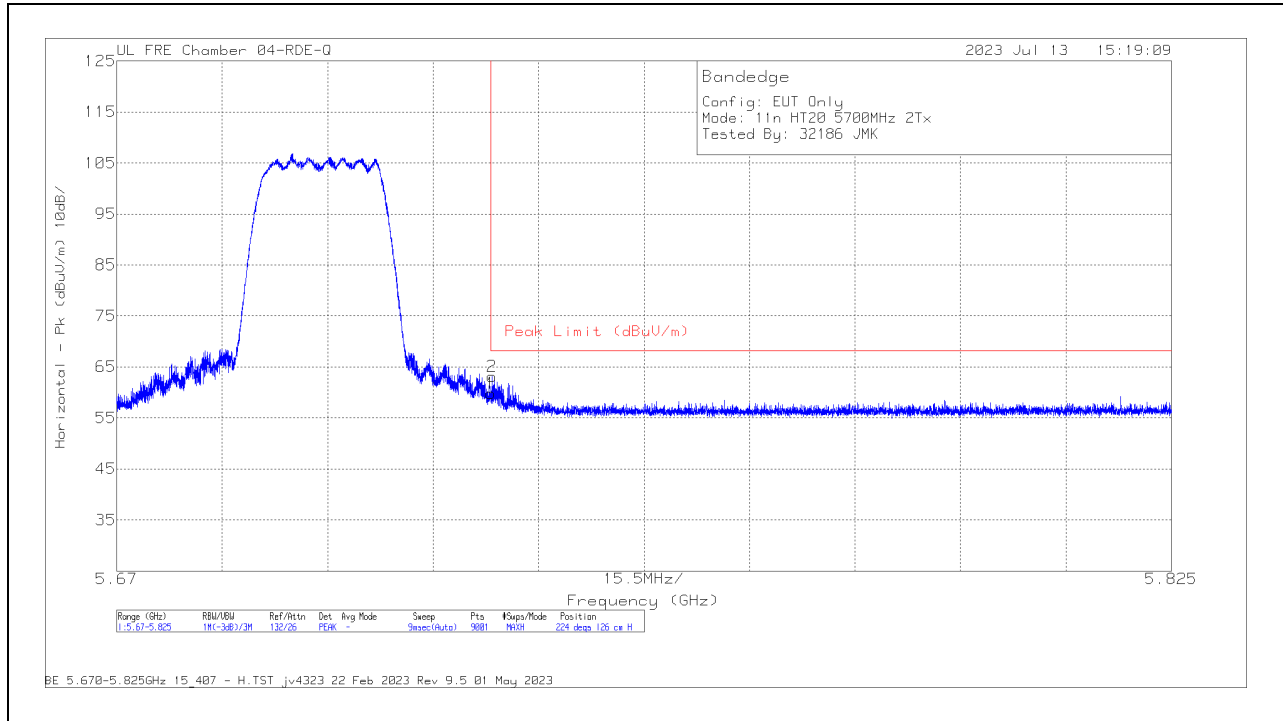
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB) - 3MHz	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	5.375466	46.94	RMS	34.2	.41	-36.41	45.14	54	-8.86	-	-	257	351	V
8	5.375466	46.94	RMS	34.2	.41	-36.41	45.14	54	-8.86	-	-	257	351	V
2	5.459332	58.8	Pk	34.4	0	-36.38	56.82	-	-	74	-17.18	257	351	V
1	5.46	56.58	Pk	34.4	0	-36.4	54.58	-	-	68.2	-13.62	257	351	V
5	5.46	45.93	RMS	34.4	.41	-36.4	44.34	54	-9.66	-	-	257	351	V
4	5.469888	65.57	Pk	34.4	0	-36.47	63.5	-	-	68.2	-4.7	257	351	V
3	5.47	62.55	Pk	34.4	0	-36.47	60.48	-	-	68.2	-7.72	257	351	V
7	5.47	47.27	RMS	34.4	.41	-36.47	45.61	-	-	-	-	257	351	V

Pk - Peak detector  
 RMS - RMS detection

# BANDEDGE (HIGH CHANNEL)

## HORIZONTAL RESULT

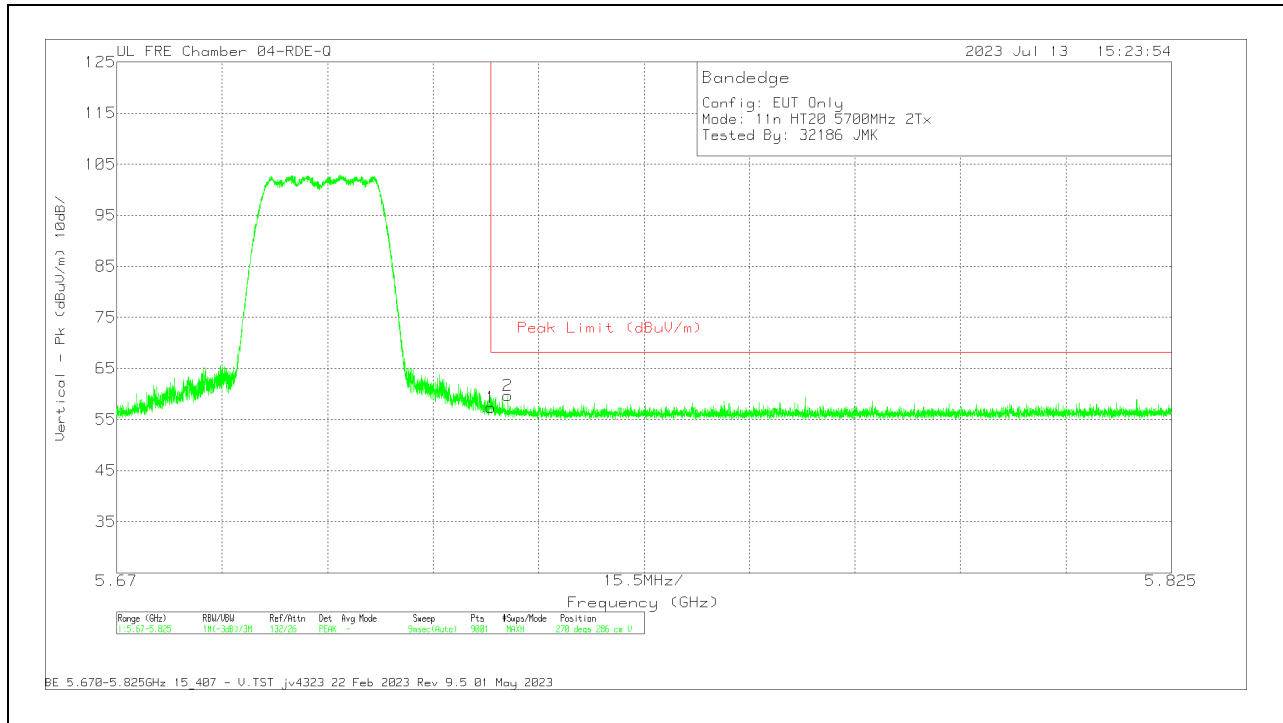


### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	61.1	Pk	34.9	0	-36.16	59.84	68.2	-8.36	224	126	H
2	5.725179	64.36	Pk	34.9	0	-36.16	63.1	68.2	-5.1	224	126	H

Pk - Peak detector

**VERTICAL RESULT**



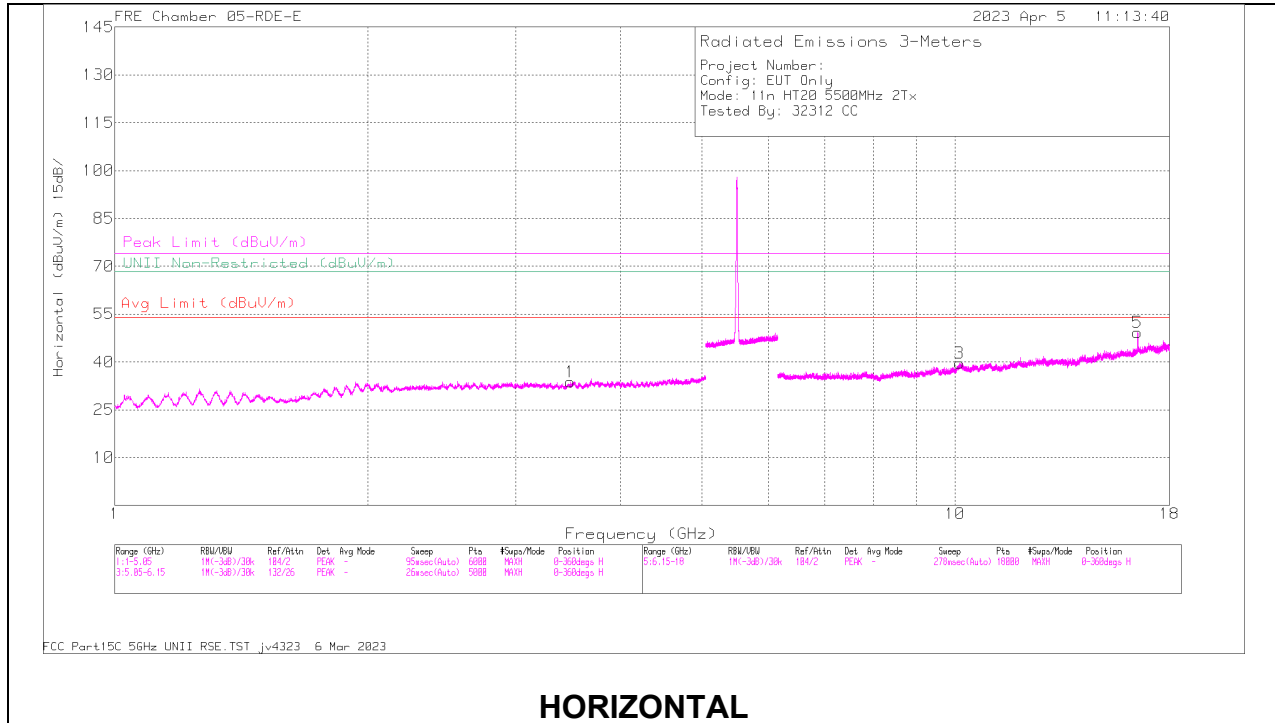
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	58.61	Pk	34.9	0	-36.16	57.35	68.2	-10.85	270	286	V
2	5.72747	60.99	Pk	34.9	0	-36.21	59.68	68.2	-8.52	270	286	V

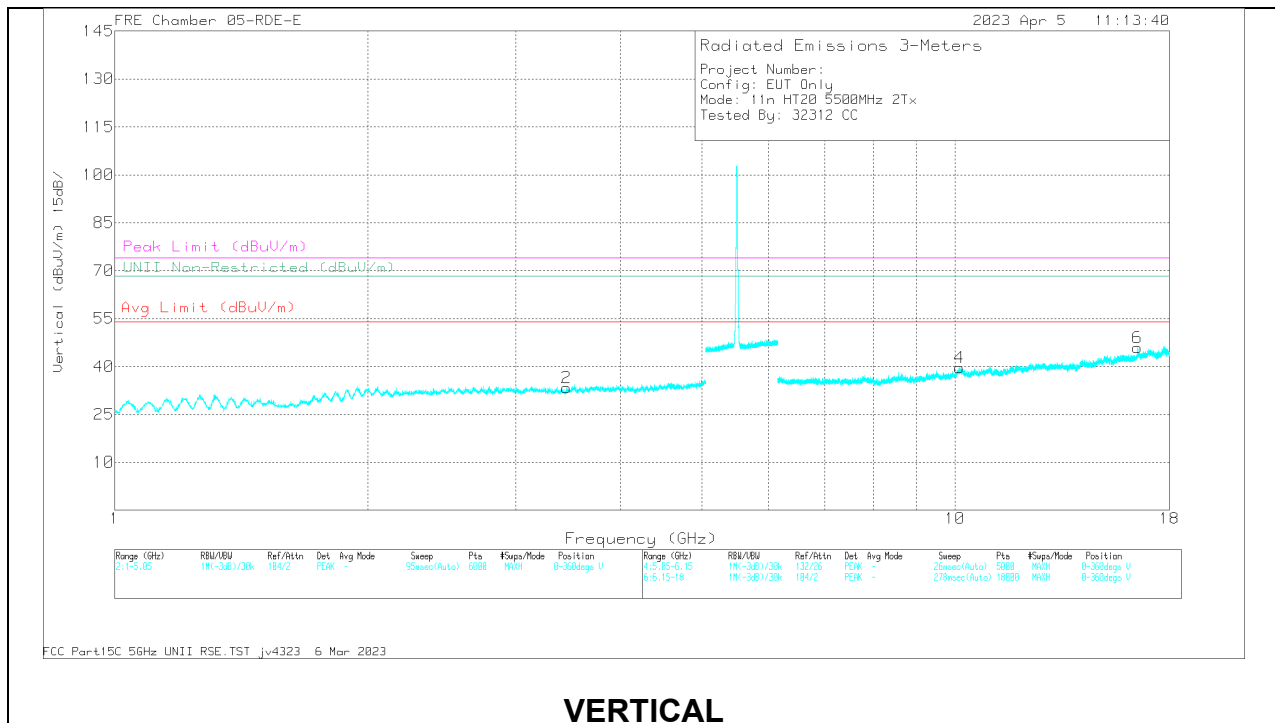
Pk - Peak detector

### 1.1.37. 5.6GHz, HT20 2TX HARMONICS AND SPURIOUS EMISSIONS

#### LOW CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

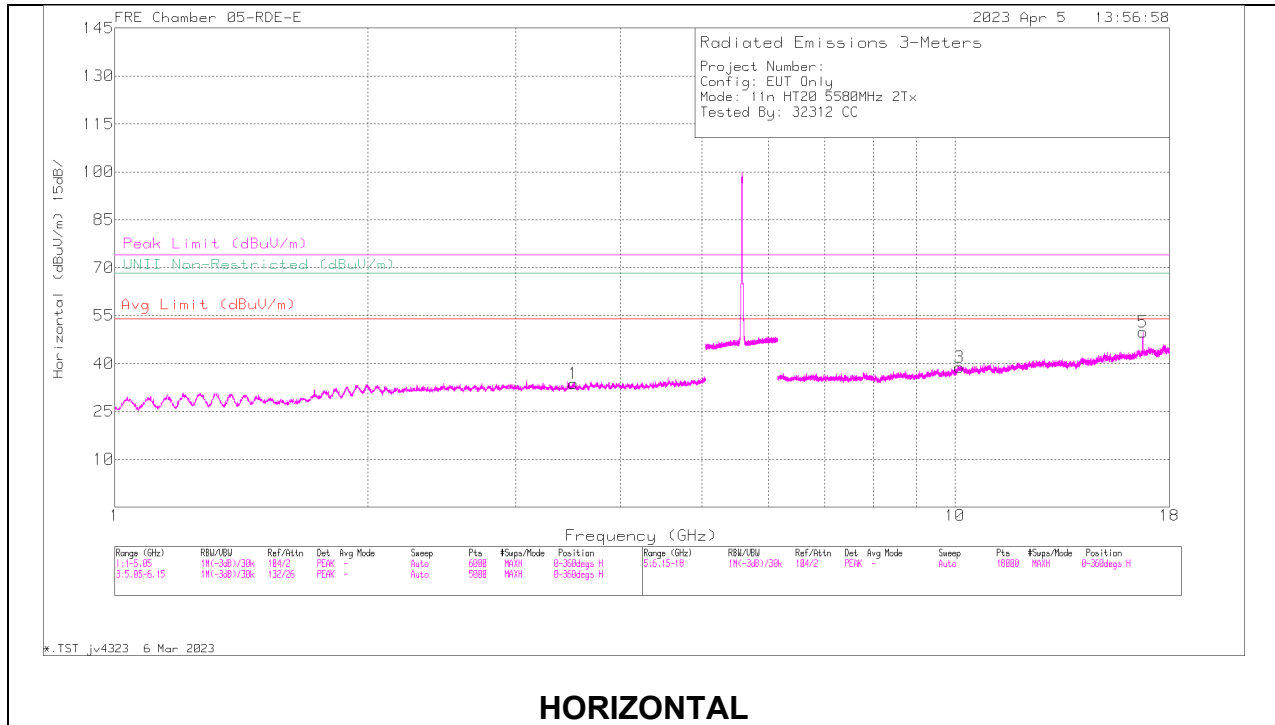
**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	3.449999	57.54	PK-U	32.7	0	-47.37	42.87	68.2	-25.33	14	195	V
1	3.483296	58.13	PK-U	32.8	0	-47.34	43.59	68.2	-24.61	248	210	H
4	10.115	58.19	PK-U	37.3	0	-46.91	48.58	68.2	-19.62	295	221	V
3	10.117691	58.25	PK-U	37.4	0	-46.77	48.88	68.2	-19.32	286	106	H
5	16.496546	55.71	PK-U	41.3	0	-43.23	53.78	68.2	-14.42	358	139	H
6	16.498002	55.49	PK-U	41.3	0	-43.23	53.56	68.2	-14.64	175	199	V

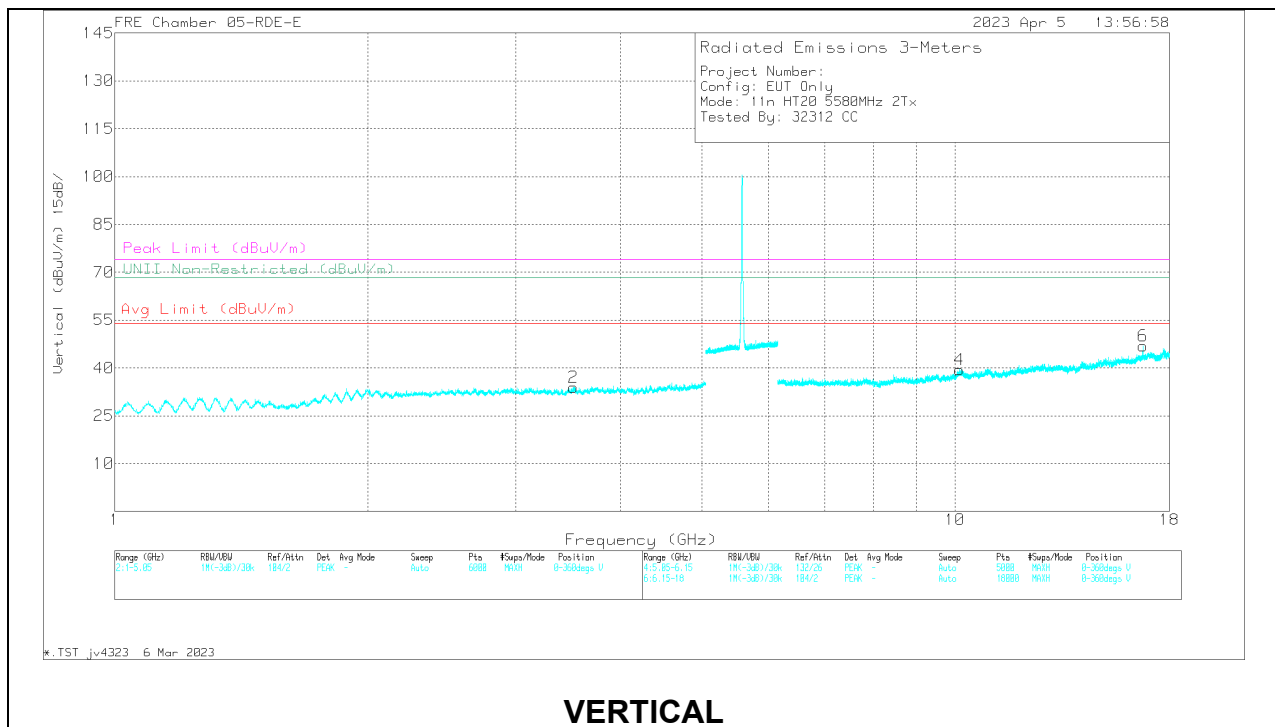
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**MID CHANNEL RESULTS**



**HORIZONTAL**



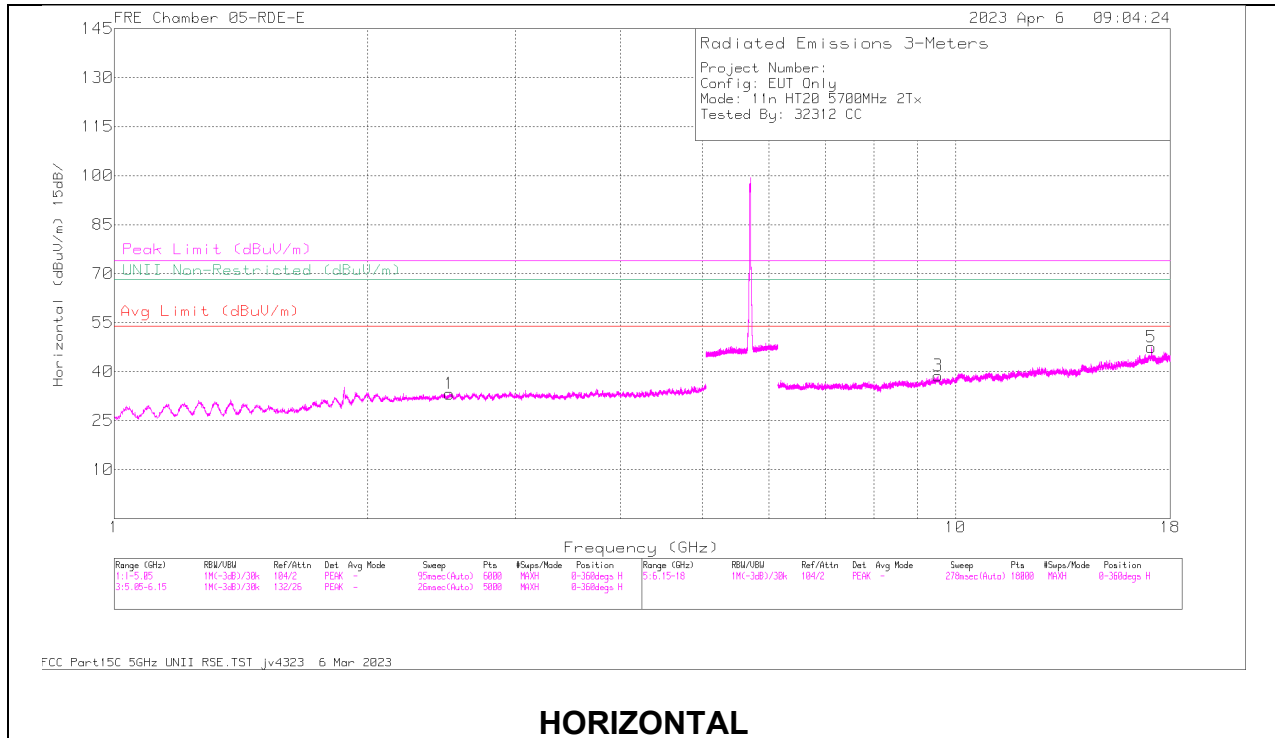
**VERTICAL**

**RADIATED EMISSIONS**

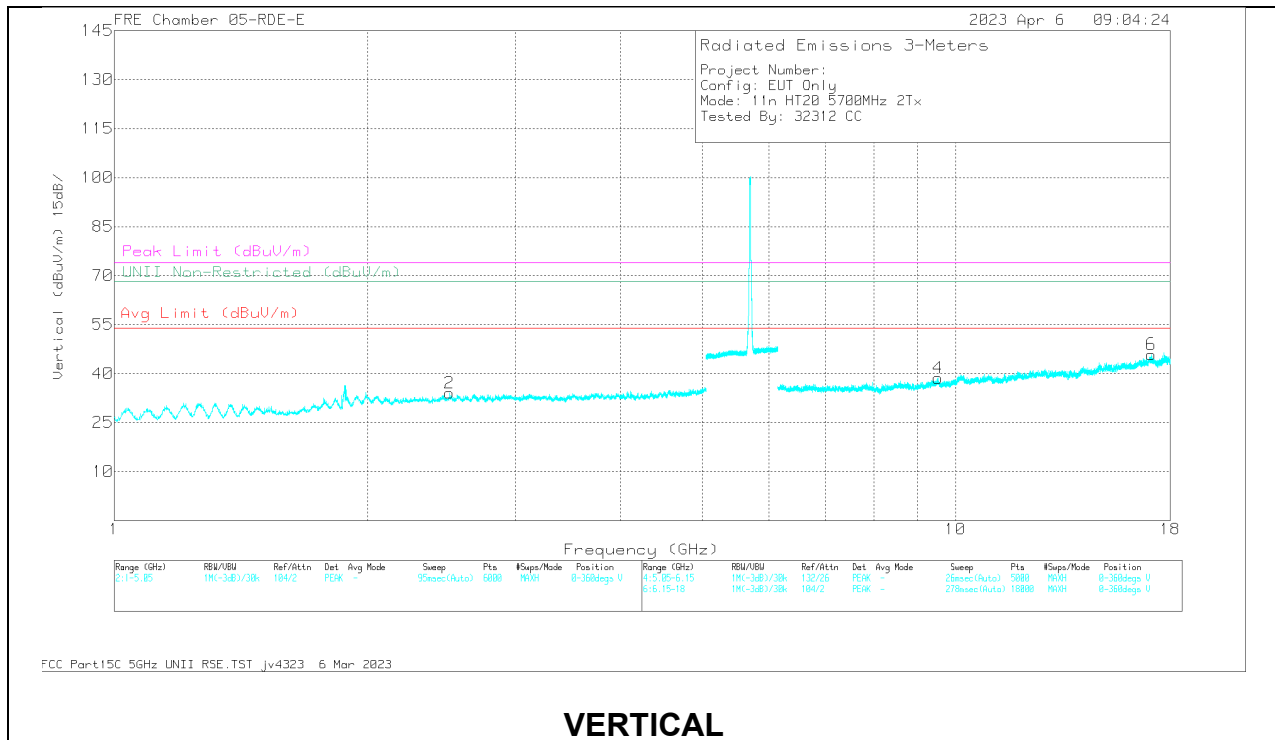
marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.513333	57.56	PK-U	32.9	-47.11	43.35	-	-	74	-30.65	-	-	271	111	H
	* 3.516026	46.17	ADR	32.9	-47.02	32.05	54	-21.95	-	-	-	-	271	111	H
2	* 3.51448	57.15	PK-U	32.9	-47.05	43	-	-	74	-31	-	-	332	168	V
	* 3.511521	46.08	ADR	32.9	-47.14	31.84	54	-22.16	-	-	-	-	332	168	V
3	10.123746	58.11	PK-U	37.4	-46.89	48.62	-	-	-	-	68.2	-19.58	190	341	H
4	10.12705	59.01	PK-U	37.4	-46.88	49.53	-	-	-	-	68.2	-18.67	274	354	V
6	16.733762	58.81	PK-U	41.8	-43.23	57.38	-	-	-	-	68.2	-10.82	348	137	V
5	16.742207	62.53	PK-U	41.8	-43.37	60.96	-	-	-	-	68.2	-7.24	336	138	H

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

**HIGH CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**



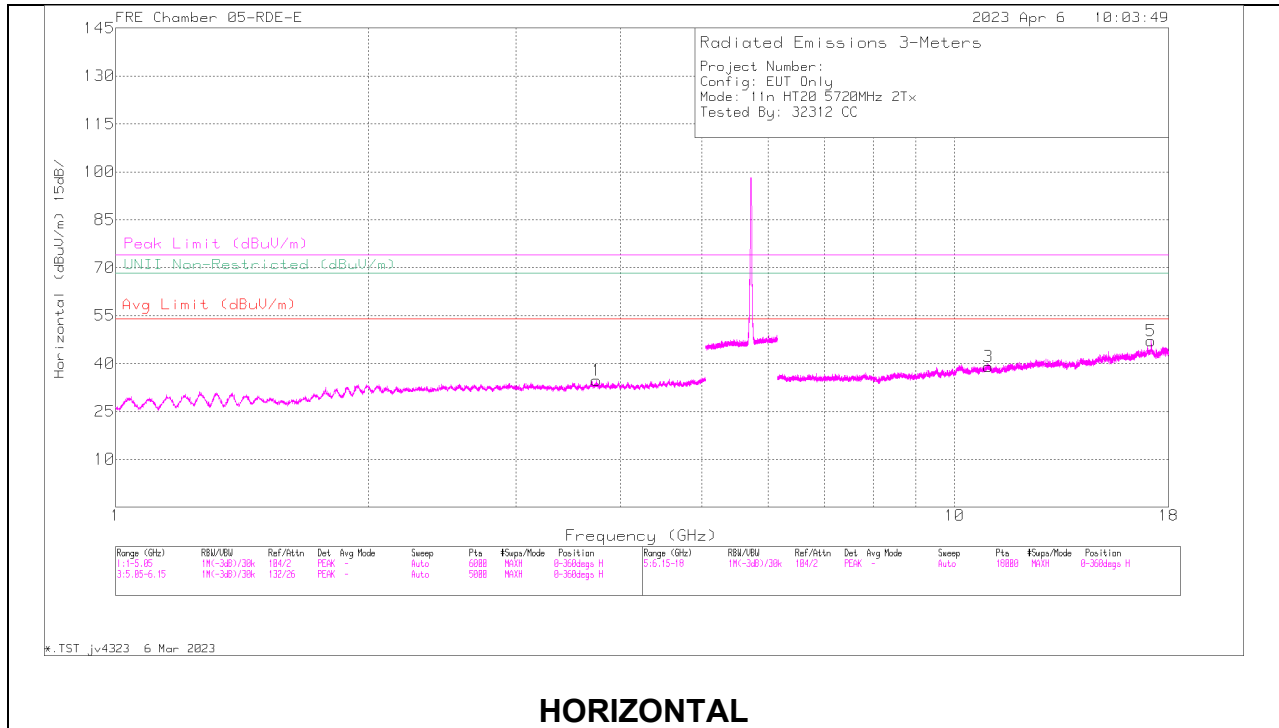
**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	Gain/Loss (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
2	2.333458	60.76	PK-U	31.8	-50.2	42.36	-	-	74	-31.64	-	-	156	184	V
	2.333458	49.25	ADR	31.8	-50.2	30.85	54	-23.15	-	-	-	-	156	184	V
1	2.505971	63.18	PK-U	32.2	-49.84	45.54	-	-	-	-	68.2	-22.66	175	229	H
4	9.524632	57.38	PK-U	36.6	-46.02	47.96	-	-	-	-	68.2	-20.24	215	230	V
3	9.527384	57.15	PK-U	36.6	-46.04	47.71	-	-	-	-	68.2	-20.49	16	226	H
6	17.097186	58.1	PK-U	41.6	-42.71	56.99	-	-	-	-	68.2	-11.21	36	215	V
5	17.098284	59.28	PK-U	41.6	-42.73	58.15	-	-	-	-	68.2	-10.05	314	105	H

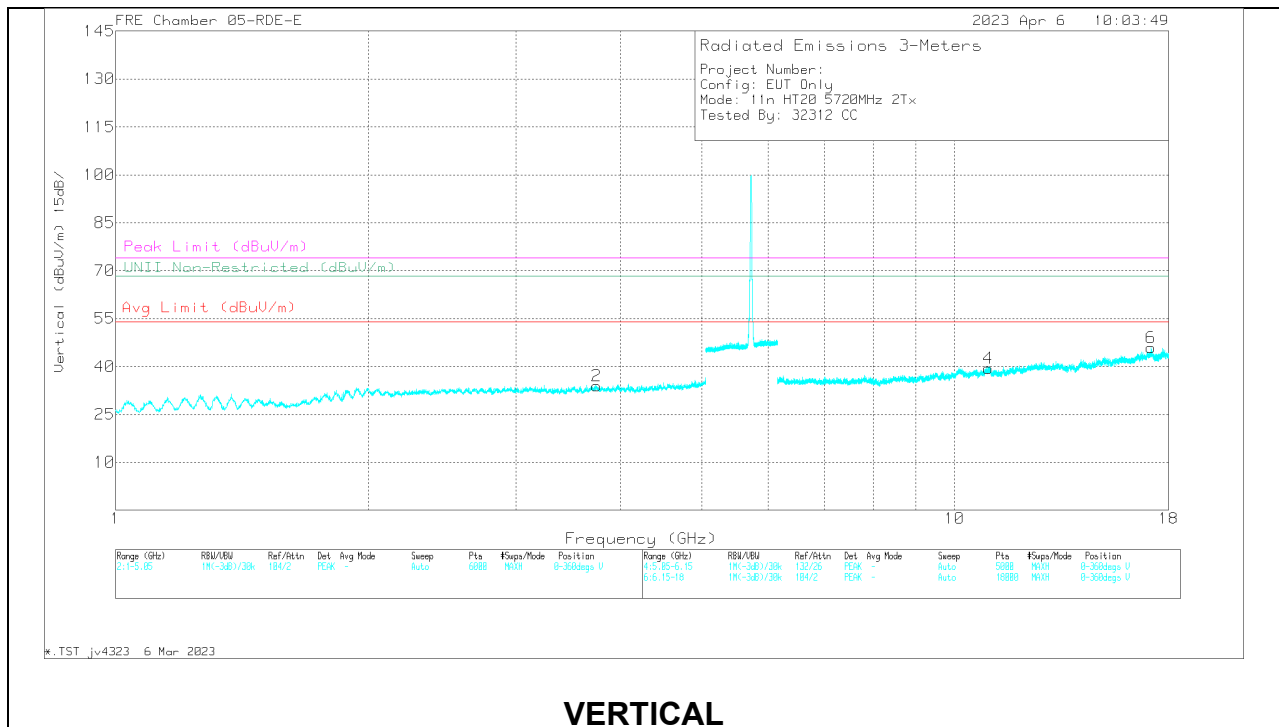
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**CHANNEL 144 RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	Gain/Loss (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	3.743349	57.81	PK-U	33.3	-47.35	43.76	-	-	74	-30.24	-	-	170	134	H
	3.741149	46.43	ADR	33.3	-47.4	32.33	54	-21.67	-	-	-	-	170	134	H
2	3.742271	58.03	PK-U	33.3	-47.37	43.96	-	-	74	-30.04	-	-	344	109	V
	3.741286	46.32	ADR	33.3	-47.39	32.23	54	-21.77	-	-	-	-	344	109	V
3	10.97622	55.37	PK-U	37.9	-44.44	48.83	-	-	74	-25.17	-	-	71	213	H
	10.976466	43.84	ADR	37.9	-44.44	37.3	54	-16.7	-	-	-	-	71	213	H
4	10.978678	44.06	ADR	37.9	-44.46	37.5	54	-16.5	-	-	-	-	11	183	V
	10.98088	55.65	PK-U	37.9	-44.46	49.09	-	-	74	-24.91	-	-	11	183	V
6	17.157282	57.76	PK-U	41.5	-42.59	56.67	-	-	-	-	68.2	-11.53	35	105	V
	17.157722	60.01	PK-U	41.5	-42.58	58.93	-	-	-	-	68.2	-9.27	309	104	H

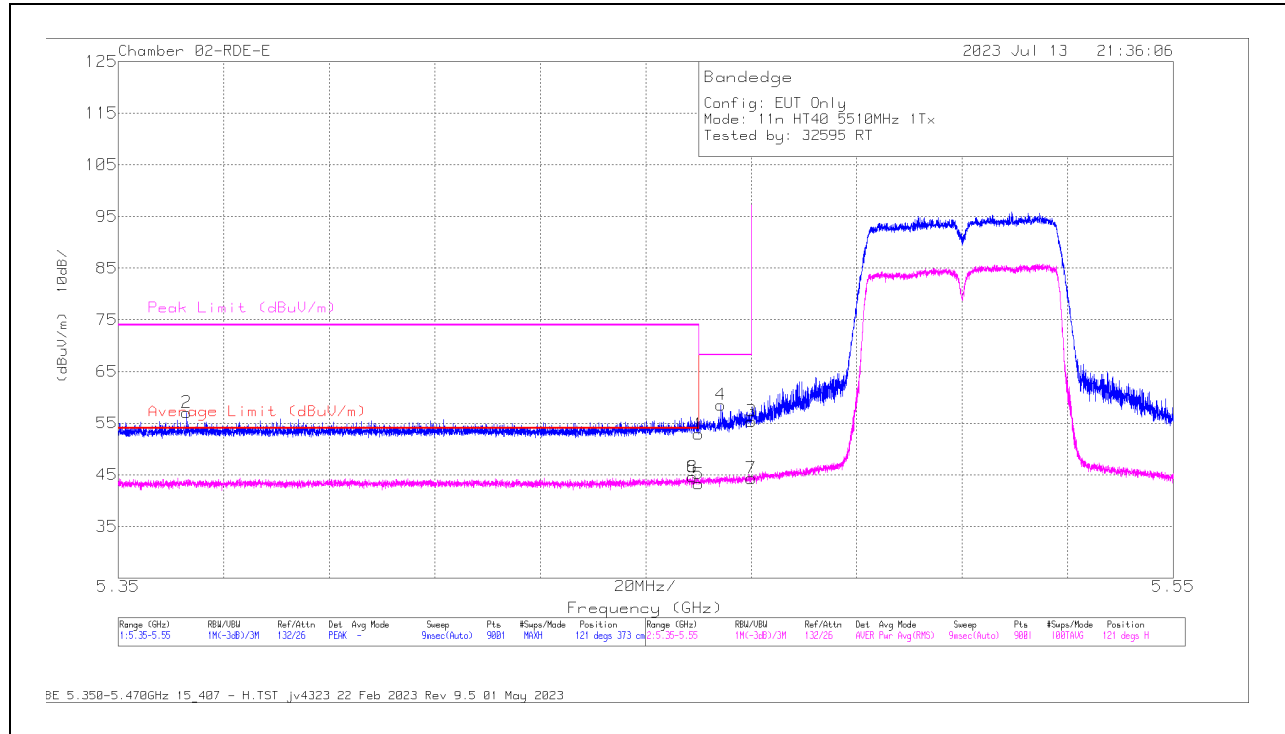
PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

### 1.1.38. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.6 GHz BAND

#### 1TX Antenna 6 MODE

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT

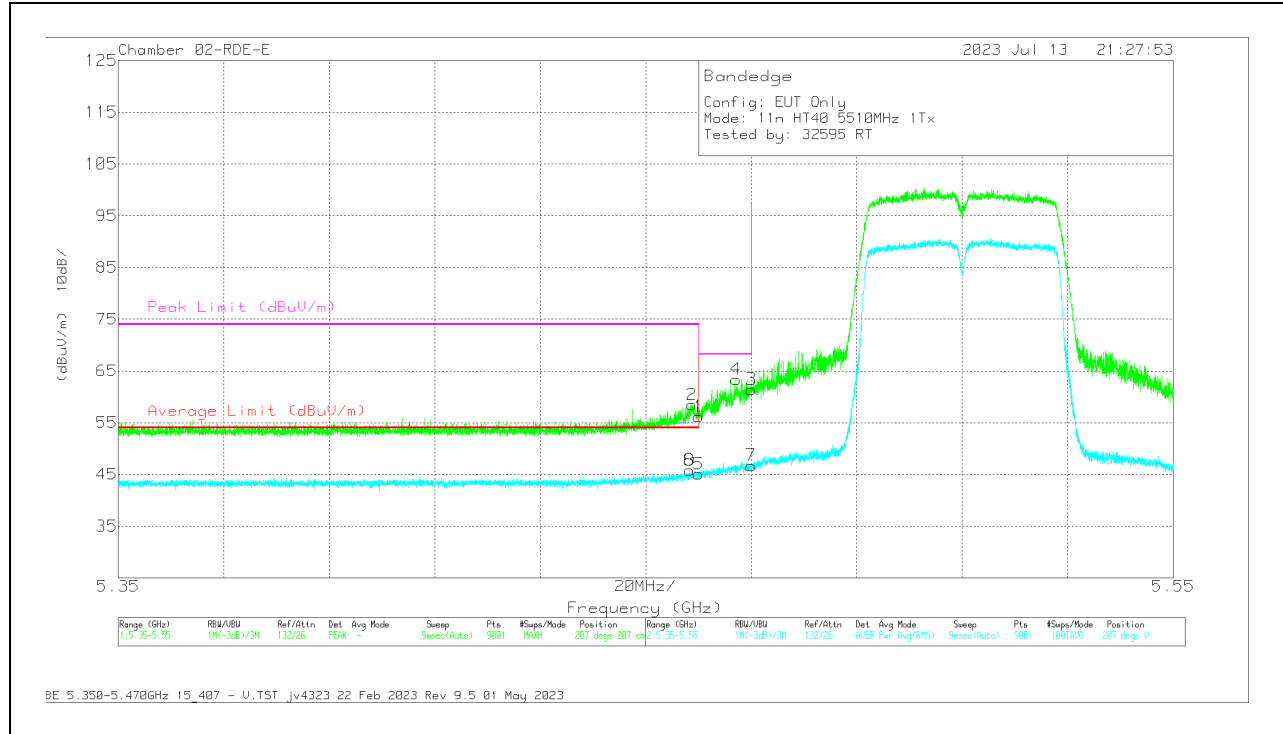


#### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	55.94	Pk	34.4	0	-37.47	52.87	-	-	68.2	-15.33	121	373	H
2	* 5.362978	60.16	Pk	34.5	0	-37.62	57.04	-	-	74	-16.96	121	373	H
5	* 5.46	45.63	RMS	34.4	0.17	-37.47	42.73	54	-11.27	-	-	121	373	H
6	* 5.458843	46.99	RMS	34.4	0.17	-37.47	44.09	54	-9.91	-	-	121	373	H
8	* 5.458843	46.99	RMS	34.4	0.17	-37.47	44.09	54	-9.91	-	-	121	373	H
4	5.464199	61.56	Pk	34.4	0	-37.43	58.53	-	-	68.2	-9.67	121	373	H
3	5.47	58.42	Pk	34.4	0	-37.46	55.36	-	-	68.2	-12.84	121	373	H
7	5.47	46.7	RMS	34.4	0.17	-37.46	43.81	-	-	-	-	121	373	H

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

**VERTICAL RESULT**



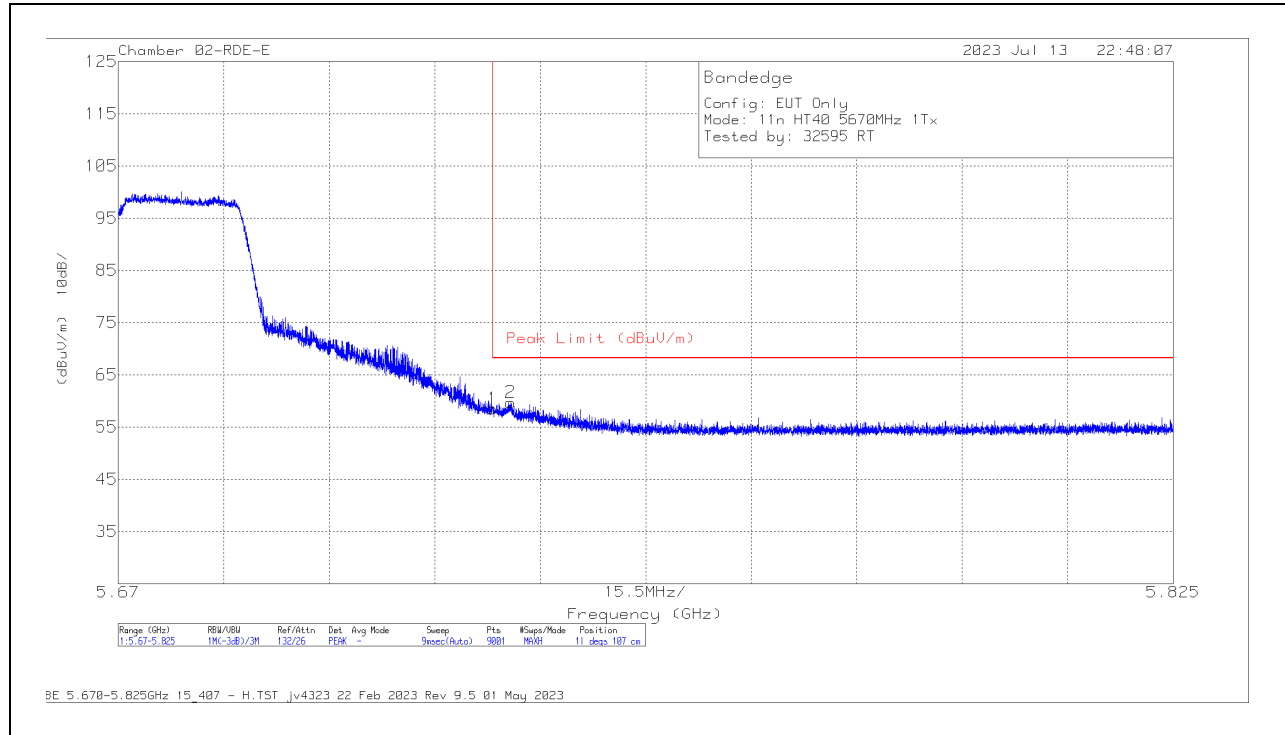
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20dB BW AC F (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	59.24	PK	34.4	0	-37.47	56.17	-	-	68.2	-12.03	207	207	V
2	* 5.458732	61.53	PK	34.4	0	-37.47	58.46	-	-	74	-15.54	207	207	V
5	* 5.46	47.45	RMS	34.4	0.17	-37.47	44.55	54	-9.45	-	-	207	207	V
6	* 5.45831	48.22	RMS	34.4	0.17	-37.47	45.32	54	-8.68	-	-	207	207	V
8	* 5.45831	48.22	RMS	34.4	0.17	-37.47	45.32	54	-8.68	-	-	207	207	V
4	5.467132	66.42	PK	34.4	0	-37.42	63.4	-	-	68.2	-4.8	207	207	V
3	5.47	64.49	PK	34.4	0	-37.46	61.43	-	-	68.2	-6.77	207	207	V
7	5.47	49.11	RMS	34.4	0.17	-37.46	46.22	-	-	-	-	207	207	V

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

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

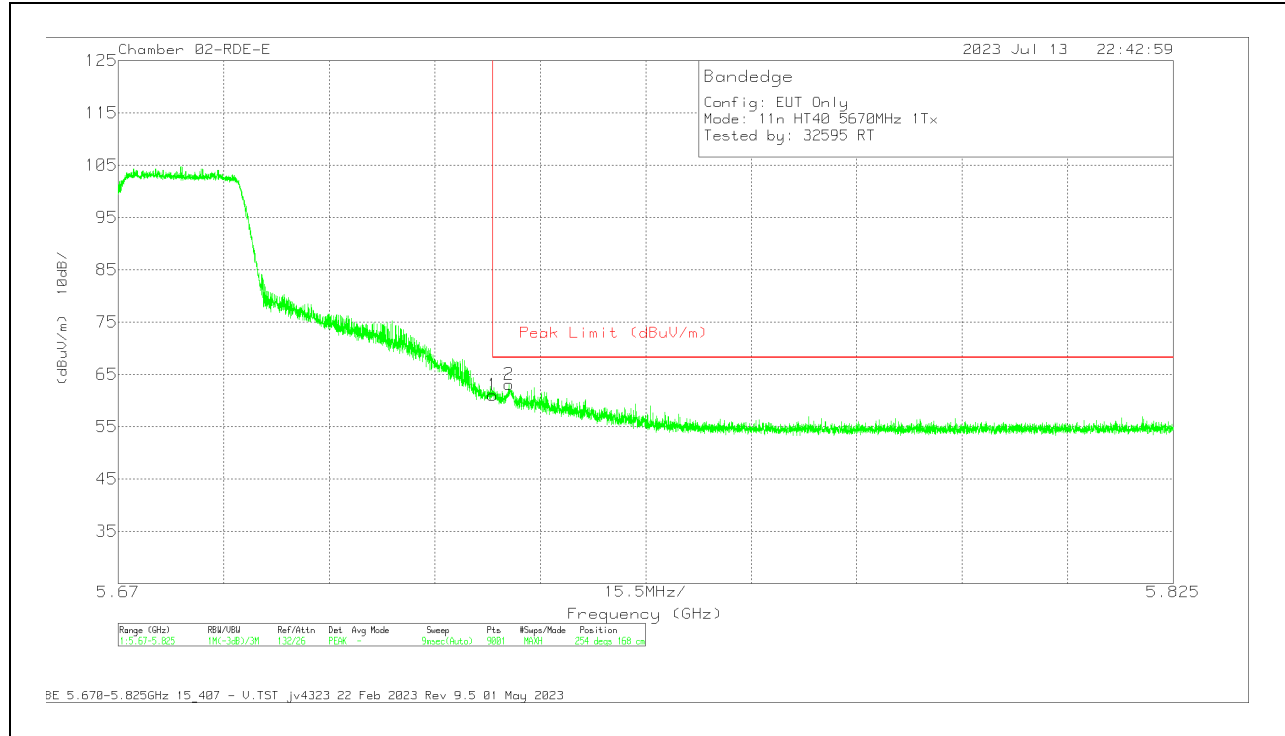


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	60.68	Pk	34.6	0	-36.76	58.52	68.2	-9.68	11	107	H
2	5.727642	61.87	Pk	34.6	0	-36.76	59.71	68.2	-8.49	11	107	H

Pk - Peak detector

**VERTICAL RESULT**



**Trace Markers**

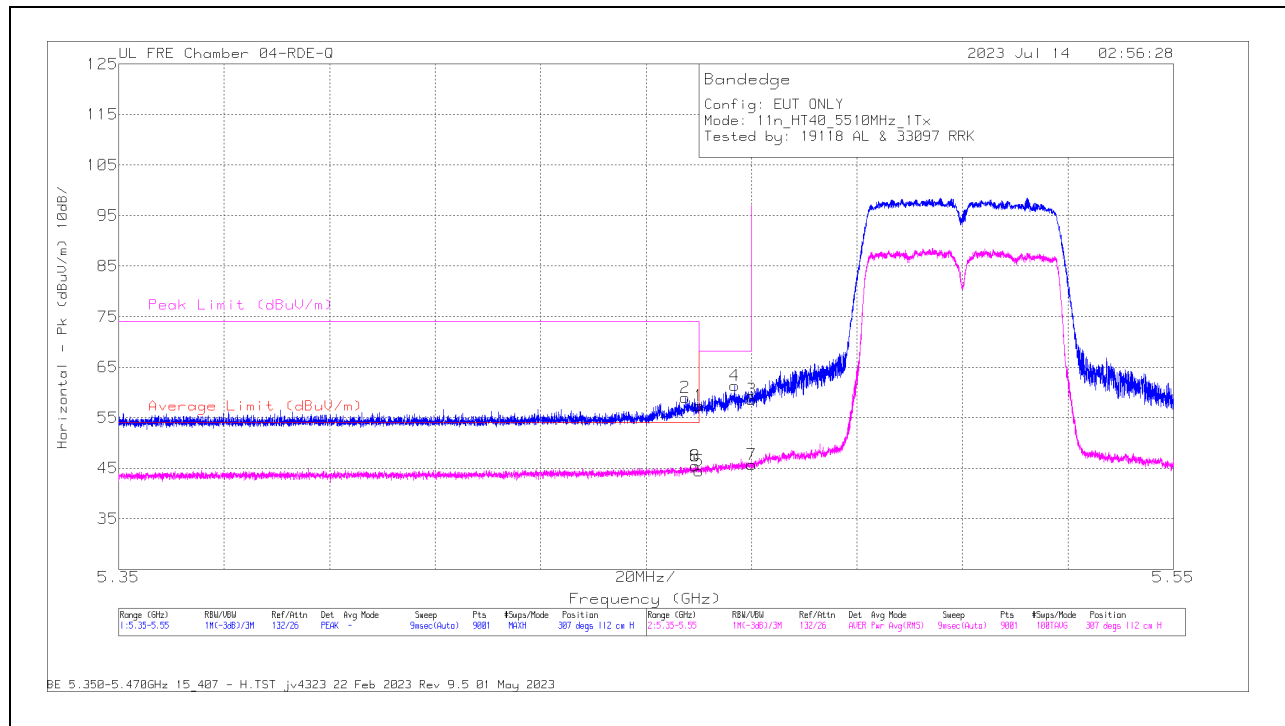
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	63.19	PK	34.6	0	-36.76	61.03	68.2	-7.17	254	168	V
2	5.727384	65.25	PK	34.6	0	-36.76	63.09	68.2	-5.11	254	168	V

Pk - Peak detector

**1TX Antenna 5 MODE**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



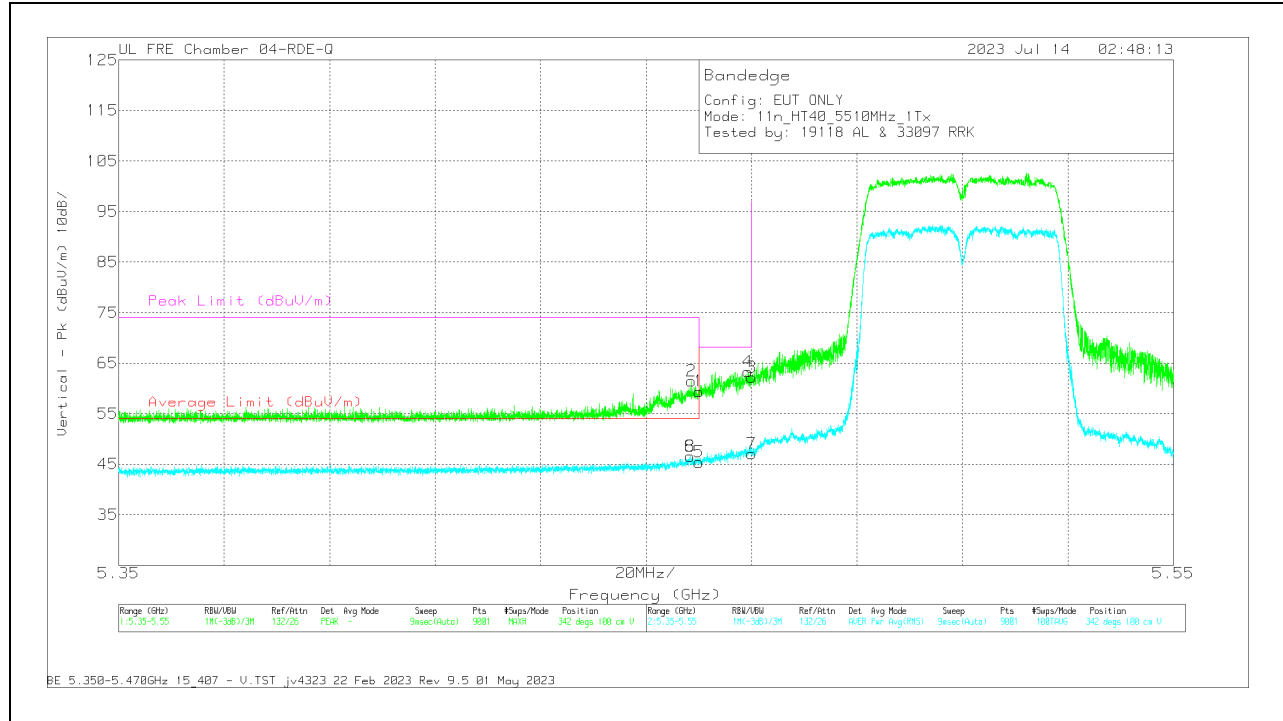
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBu)	Det	84796 ACF (dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.457377	60.99	Pk	34.4	0	-36.4	58.99	-	-	74	-15.01	307	112	H
6	5.459377	47.24	RMS	34.4	0.17	-36.38	45.43	54	-8.56	-	-	307	112	H
8	5.459377	47.24	RMS	34.4	0.17	-36.38	45.43	54	-8.56	-	-	307	112	H
1	5.46	59.32	Pk	34.4	0	-36.4	57.32	-	-	68.2	-10.88	307	112	H
5	5.46	46.24	RMS	34.4	0.17	-36.4	44.41	54	-9.58	-	-	307	112	H
4	5.466799	63.34	Pk	34.4	0	-36.42	61.32	-	-	68.2	-6.88	307	112	H
3	5.47	60.66	Pk	34.4	0	-36.47	58.59	-	-	68.2	-9.61	307	112	H
7	5.47	47.61	RMS	34.4	0.17	-36.47	45.71	-	-	-	-	307	112	H

Pk - Peak detector  
 RMS - RMS detection



**VERTICAL RESULT**



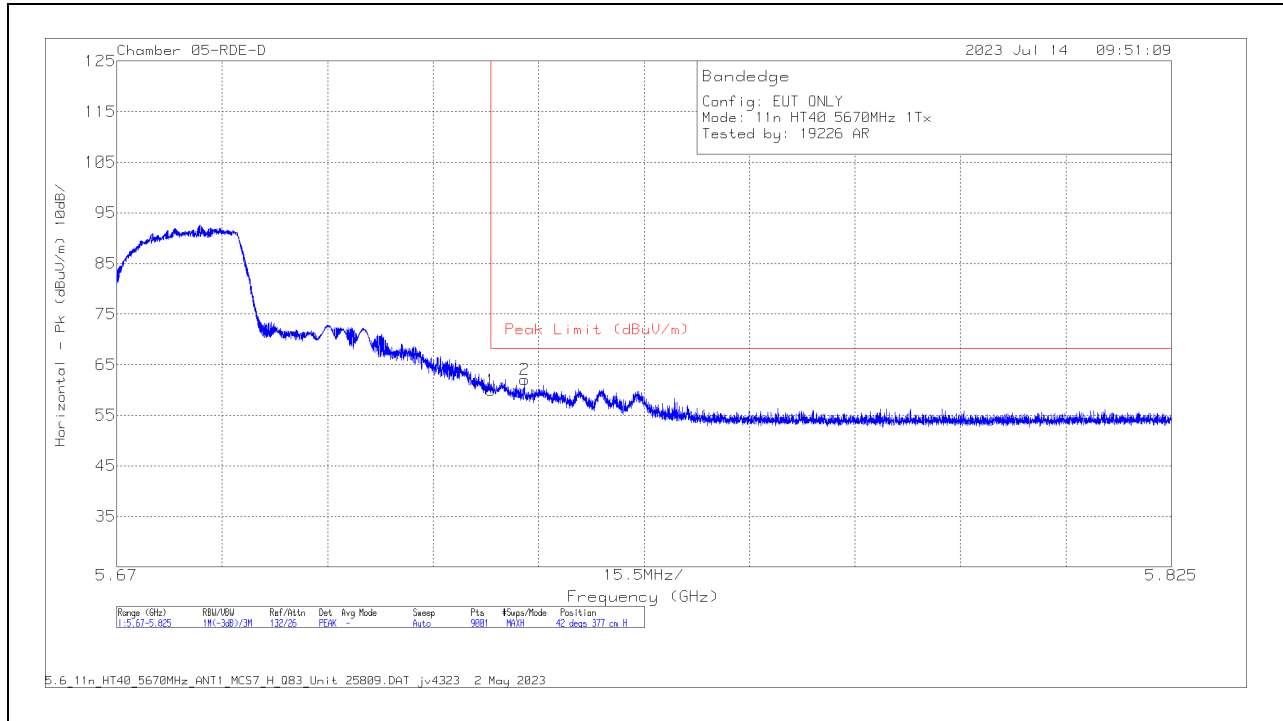
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBu)	Det	84796 ACF (dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	5.458332	48.36	RMS	34.4	0.17	-36.38	46.55	54	-7.45	-	-	342	100	V
8	5.458332	48.36	RMS	34.4	0.17	-36.38	46.55	54	-7.45	-	-	342	100	V
2	5.458643	63.39	Pk	34.4	0	-36.37	61.42	-	-	74	-12.58	342	100	V
1	5.46	61.42	Pk	34.4	0	-36.4	59.42	-	-	68.2	-8.78	342	100	V
5	5.46	47.21	RMS	34.4	0.17	-36.4	45.38	54	-8.62	-	-	342	100	V
4	5.46931	65.44	Pk	34.4	0	-36.46	63.38	-	-	68.2	-4.82	342	100	V
3	5.47	64.27	Pk	34.4	0	-36.47	62.2	-	-	68.2	-6	342	100	V
7	5.47	49	RMS	34.4	0.17	-36.47	47.1	-	-	-	-	342	100	V

Pk - Peak detector  
RMS - RMS detection

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

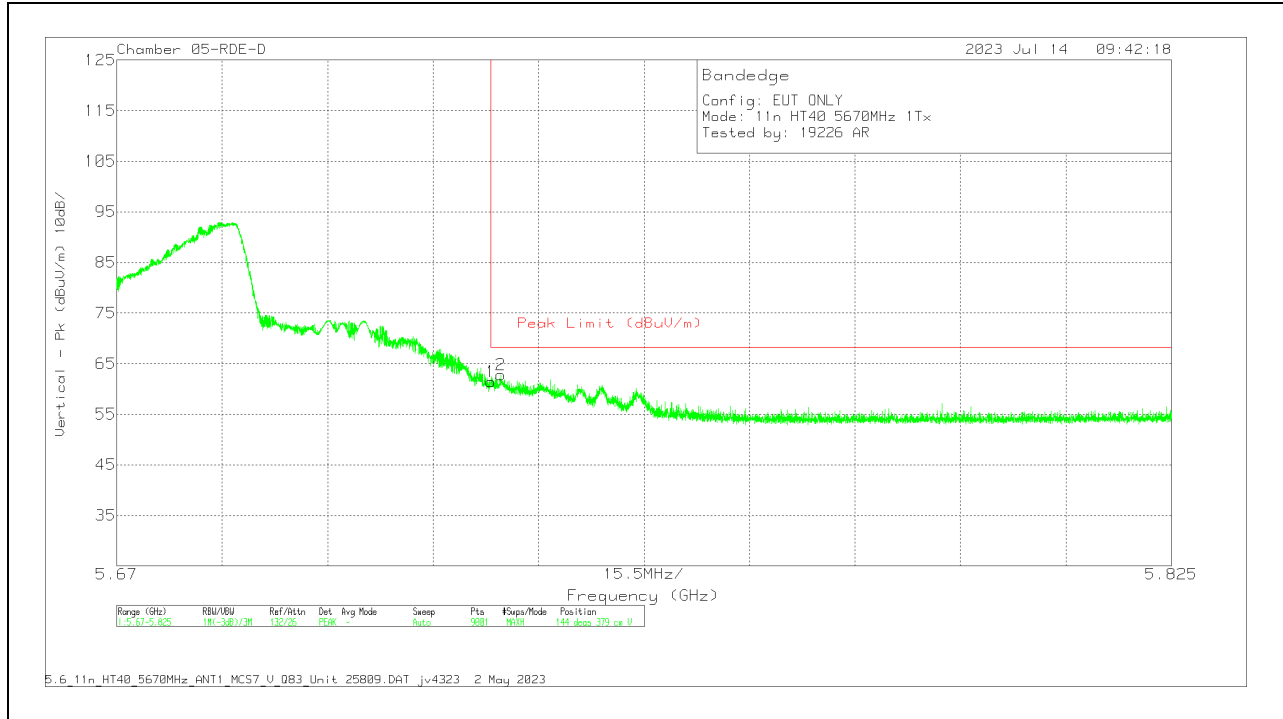


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	63.03	Pk	34.7	-37.67	60.06	68.2	-8.14	42	377	H
2	5.72995	65.12	Pk	34.7	-37.76	62.06	68.2	-6.14	42	377	H

Pk - Peak detector

**VERTICAL RESULT**



**Trace Markers**

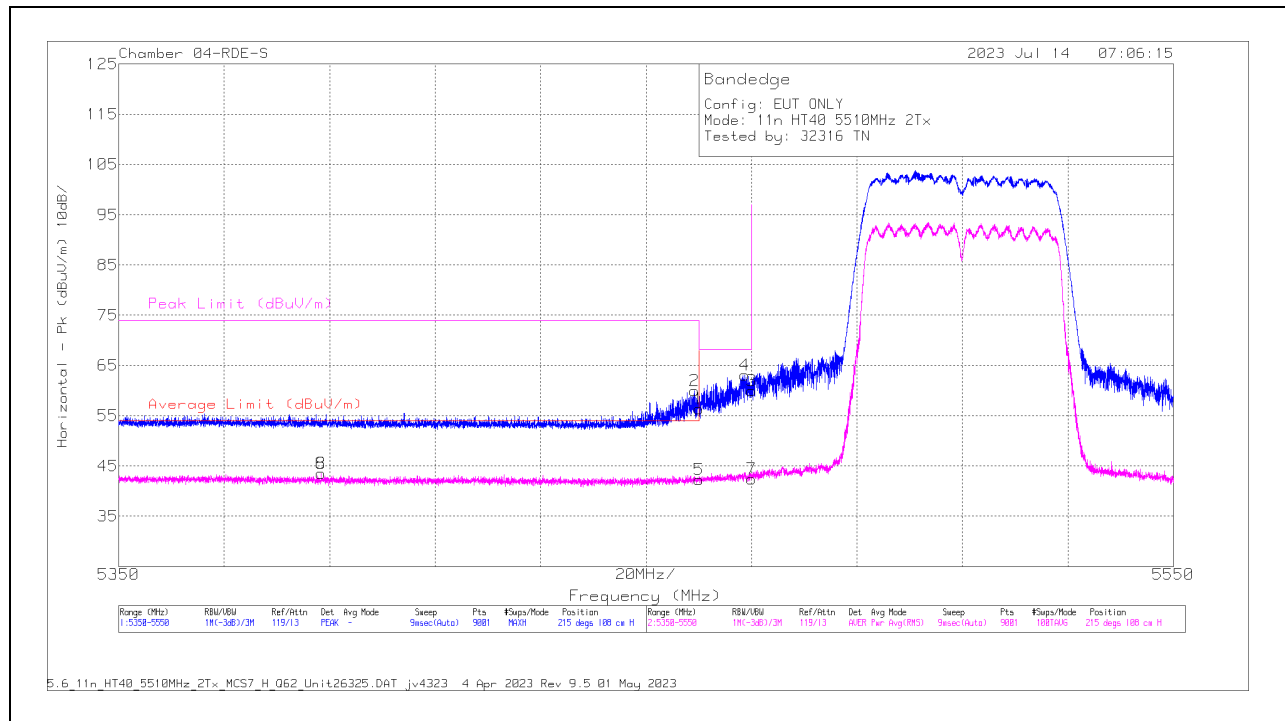
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	64.55	Pk	34.7	-37.67	61.58	68.2	-6.62	144	379	V
2	5.726454	65.9	Pk	34.7	-37.57	63.03	68.2	-5.17	144	379	V

Pk - Peak detector

**2TX Antenna 6 + Antenna 5 CDD MODE**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**

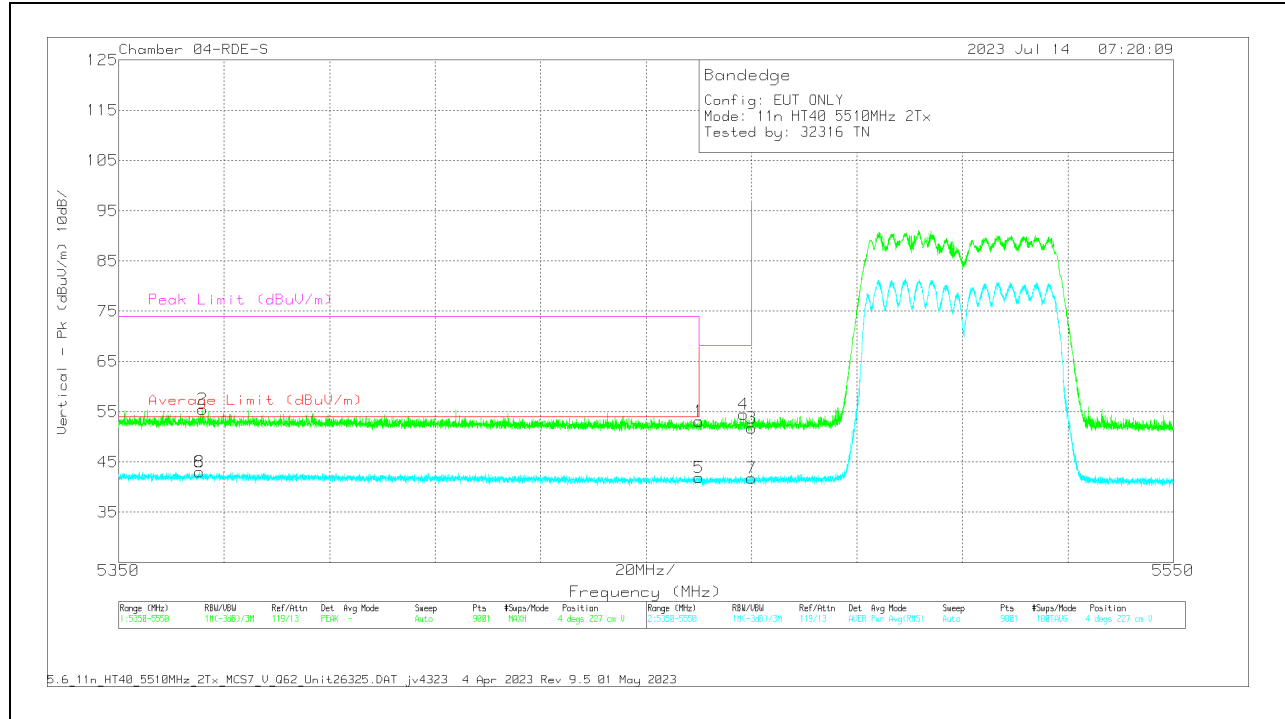


**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200784 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	5388.355	31.48	RMS	34.6	.17	-22.72	43.53	54	-10.47	-	-	215	108	H
8	5388.355	31.48	RMS	34.6	.17	-22.72	43.53	54	-10.47	-	-	215	108	H
2	5459.177	48.08	Pk	34.6	0	-22.72	59.96	-	-	74	-14.04	215	108	H
1	5460	44.53	Pk	34.6	0	-22.72	56.41	-	-	68.2	-11.79	215	108	H
5	5460	30.19	RMS	34.6	.17	-22.72	42.24	54	-11.76	-	-	215	108	H
4	5468.688	51.15	Pk	34.6	0	-22.66	63.09	-	-	68.2	-5.11	215	108	H
3	5470	47.97	Pk	34.6	0	-22.64	59.93	-	-	68.2	-8.27	215	108	H
7	5470	30.27	RMS	34.6	.17	-22.64	42.4	-	-	-	-	215	108	H

Pk - Peak detector  
 RMS - RMS detection

**VERTICAL RESULT**



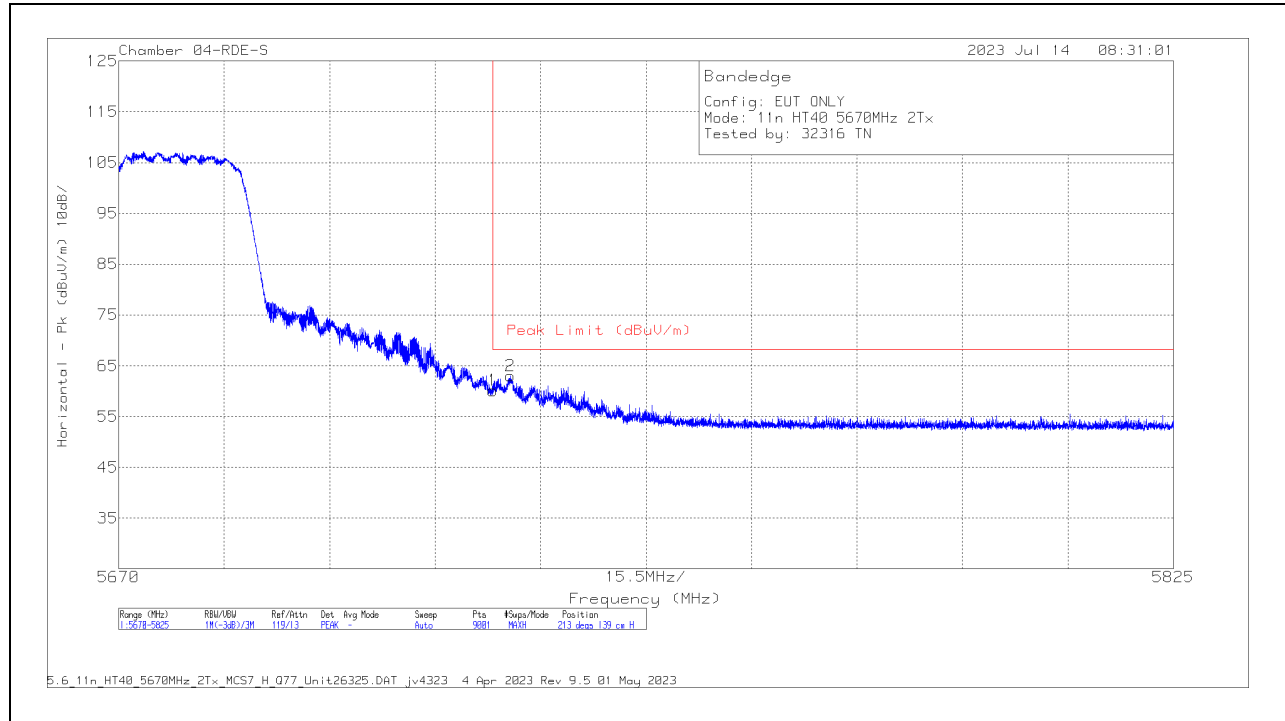
**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200784 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	5365.267	31	RMS	34.6	.17	-22.69	43.08	54	-10.92	-	-	4	227	V
8	5365.267	31	RMS	34.6	.17	-22.69	43.08	54	-10.92	-	-	4	227	V
2	5365.955	43.56	Pk	34.6	0	-22.68	55.48	-	-	74	-18.52	4	227	V
1	5460	41.19	Pk	34.6	0	-22.72	53.07	-	-	68.2	-15.13	4	227	V
5	5460	29.8	RMS	34.6	.17	-22.72	41.85	54	-12.15	-	-	4	227	V
4	5468.465	42.62	Pk	34.6	0	-22.67	54.55	-	-	68.2	-13.65	4	227	V
3	5470	39.82	Pk	34.6	0	-22.64	51.78	-	-	68.2	-16.42	4	227	V
7	5470	29.63	RMS	34.6	.17	-22.64	41.76	-	-	-	-	4	227	V

Pk - Peak detector  
RMS - RMS detection

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

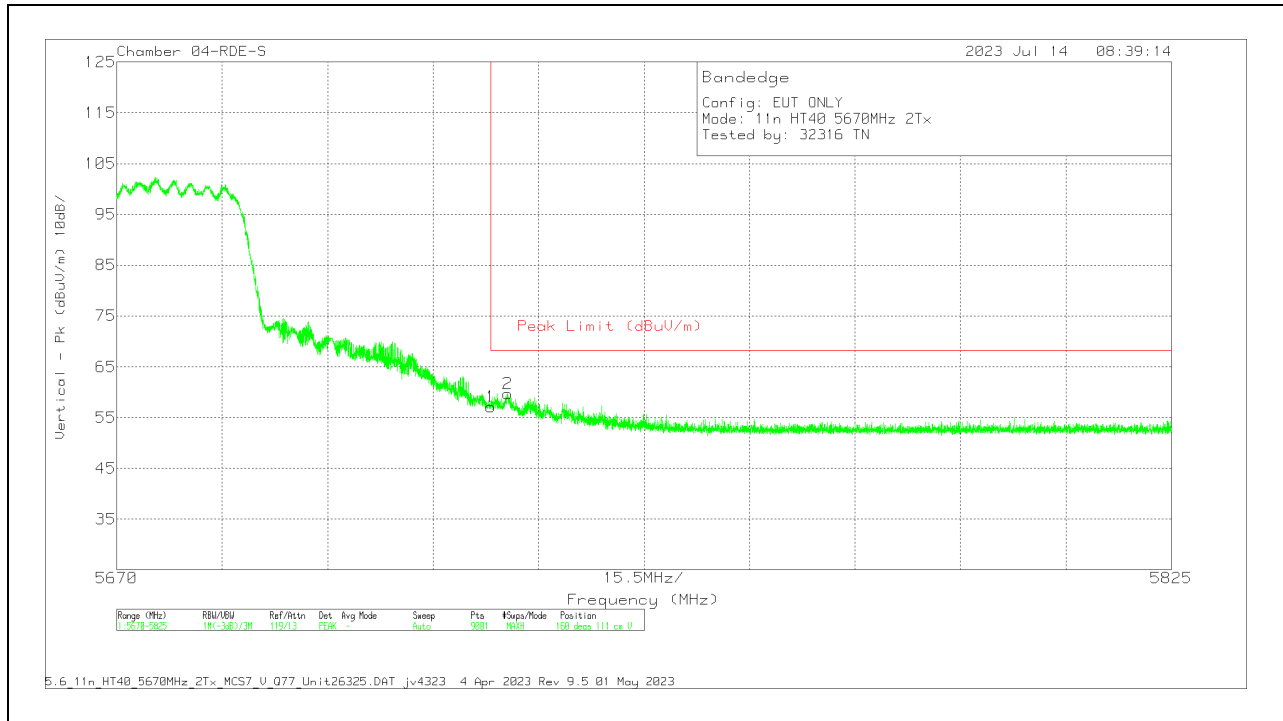


**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200784 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	47.97	Pk	34.7	0	-22.54	60.13	68.2	-8.07	213	139	H
2	5727.539	50.78	Pk	34.8	0	-22.53	63.05	68.2	-5.15	213	139	H

Pk - Peak detector

**VERTICAL RESULT**



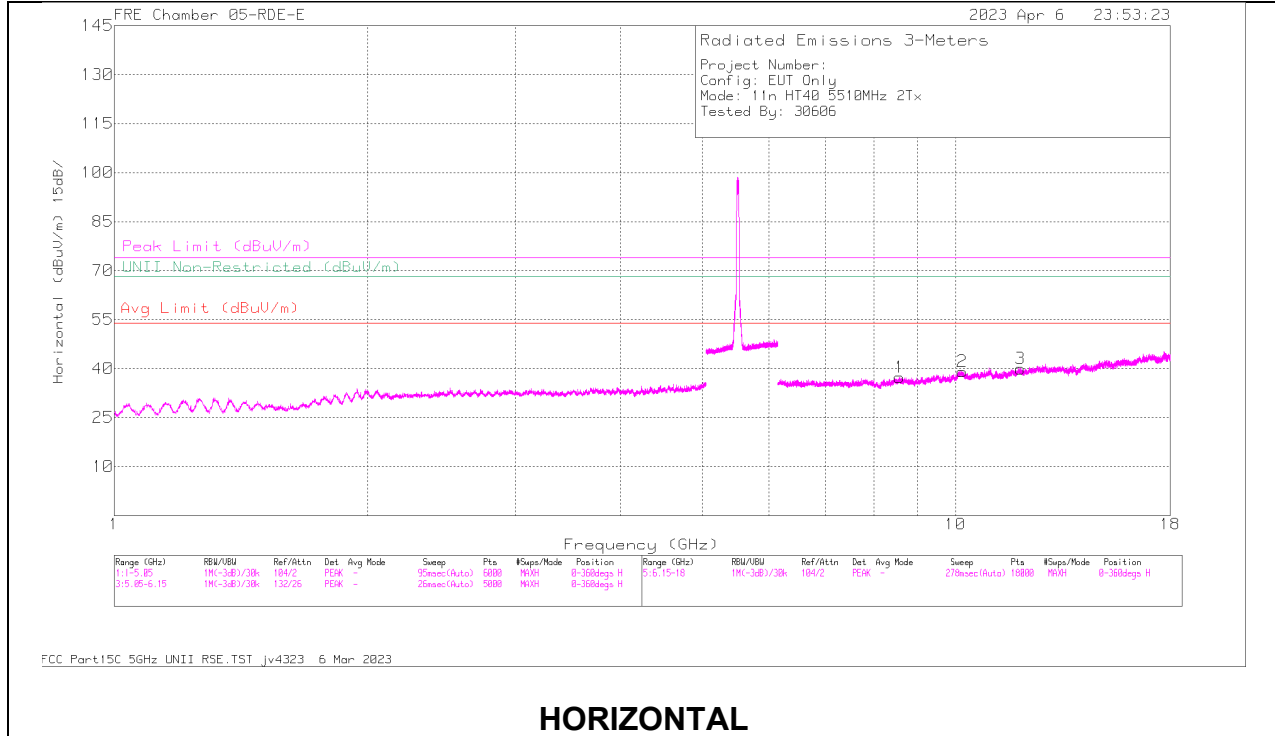
**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200784 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	44.99	Pk	34.7	0	-22.54	57.15	68.2	-11.05	160	111	V
2	5727.487	47.47	Pk	34.8	0	-22.53	59.74	68.2	-8.46	160	111	V

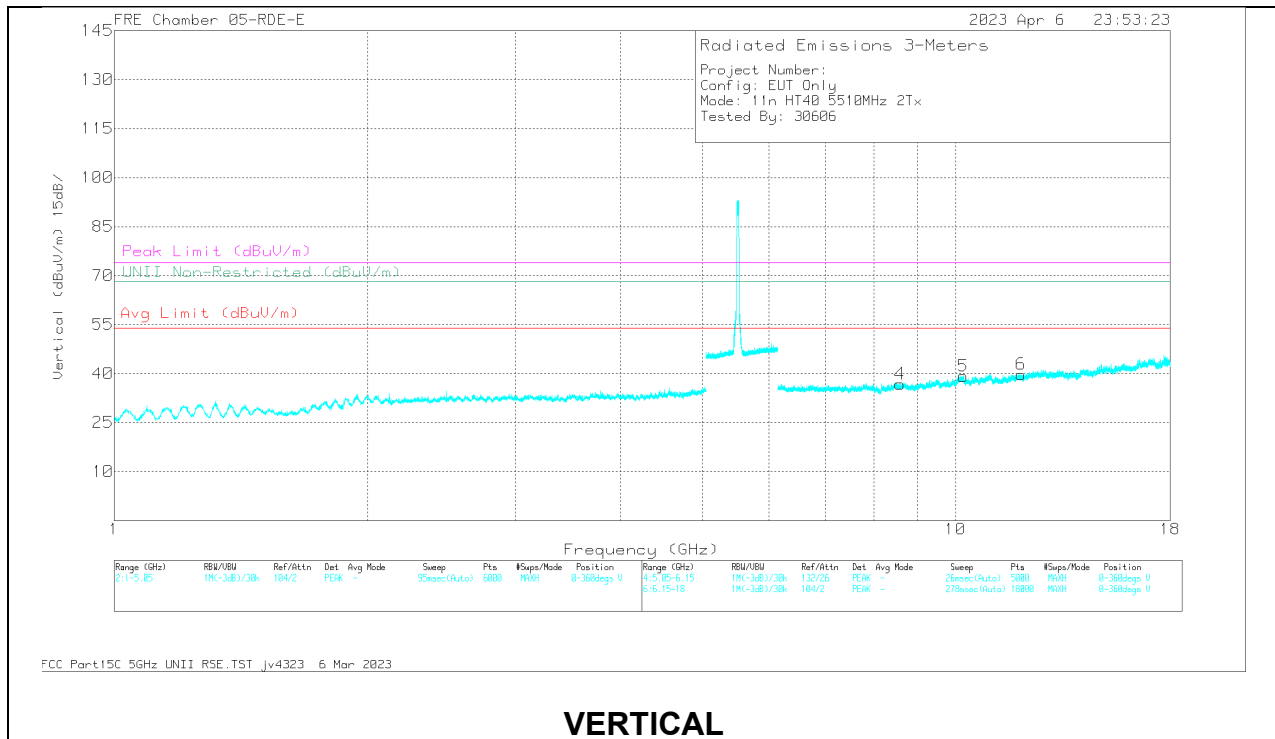
Pk - Peak detector

### 1.1.39. 5.6GHz, HT40 2TX HARMONICS AND SPURIOUS EMISSIONS

#### LOW CHANNEL RESULTS



#### HORIZONTAL



#### VERTICAL

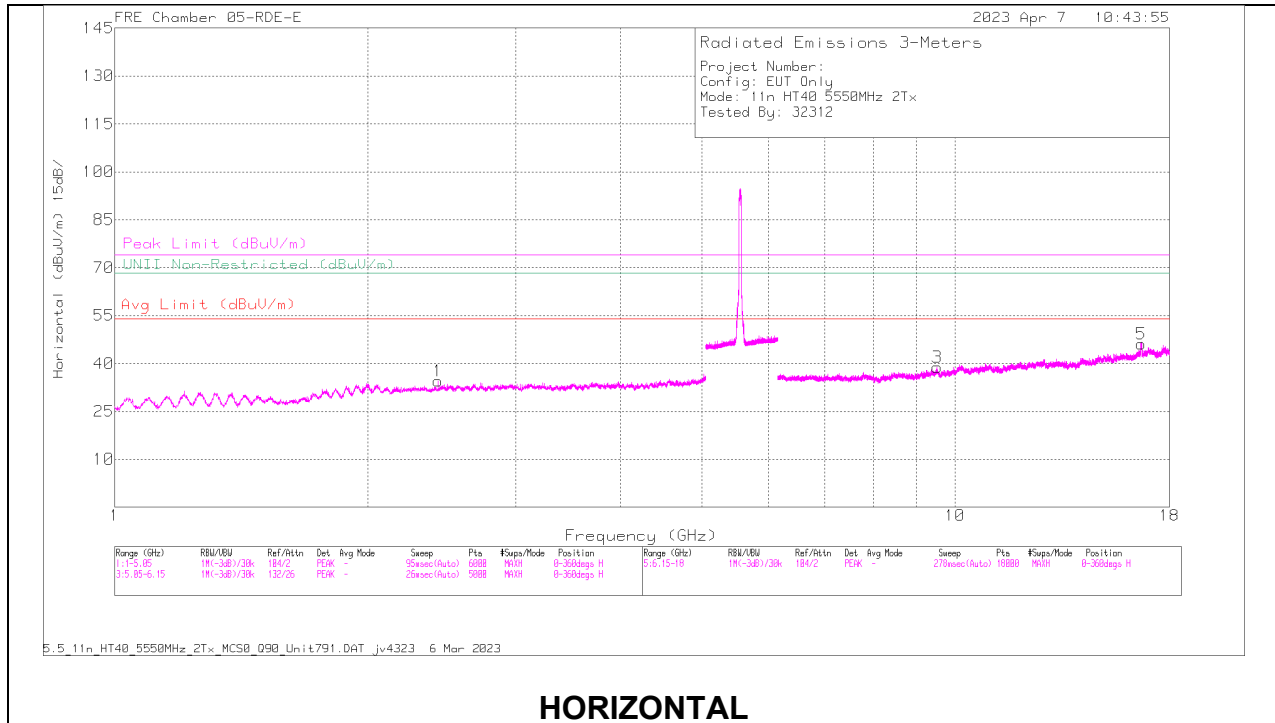


**RADIATED EMISSIONS**

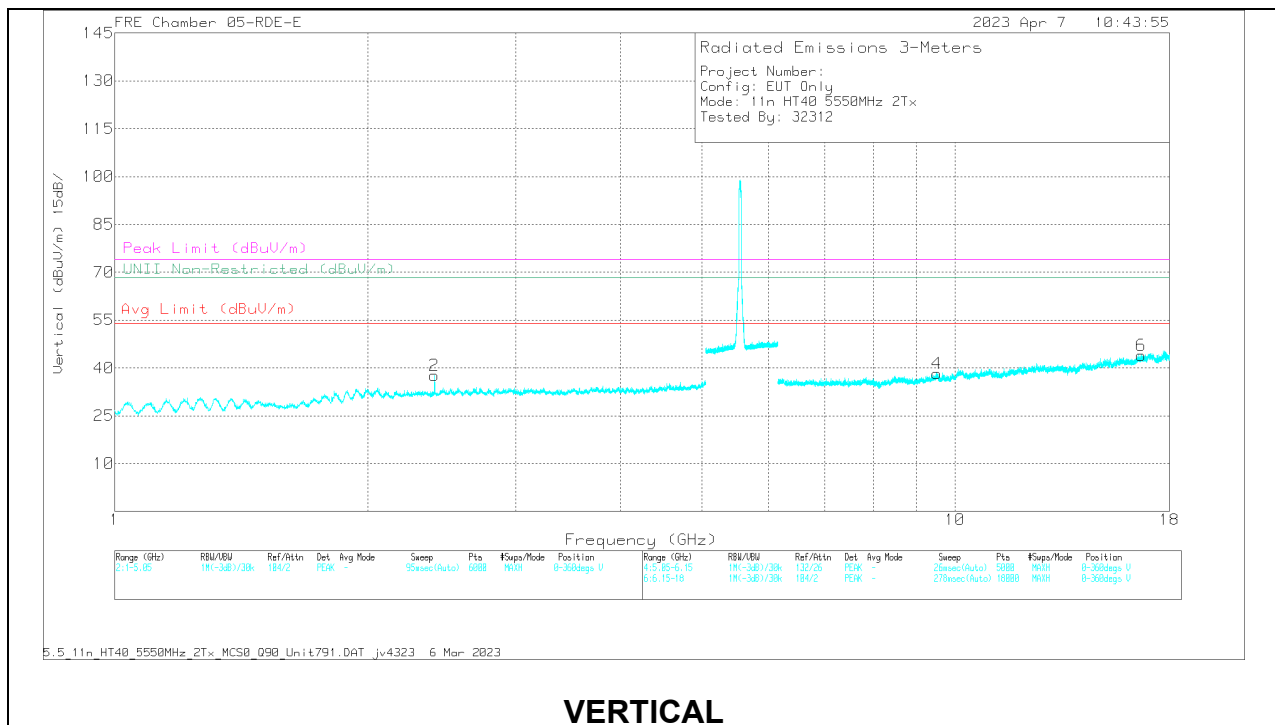
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	8.57933	56.17	PK-U	35.8	0	-44.93	47.04	-	-	-	-	68.2	-21.16	12	114	H
	8.591202	56.16	PK-U	35.8	0	-45.11	46.85	-	-	-	-	68.2	-21.35	18	101	V
2	10.185332	58.08	PK-U	37.4	0	-46.56	48.92	-	-	-	-	68.2	-19.28	16	124	H
5	10.210201	57.73	PK-U	37.5	0	-46.13	49.1	-	-	-	-	68.2	-19.1	13	115	V
3	11.948429	42.52	ADR	38.6	0.1	-43.59	37.63	54	-16.37	-	-	-	-	18	103	H
	11.948777	54.2	PK-U	38.6	0	-43.6	49.2	-	-	74	-24.8	-	-	18	103	H
6	11.96702	42.54	ADR	38.6	0.1	-43.6	37.64	54	-16.36	-	-	-	-	13	128	V
	11.967141	53.89	PK-U	38.6	0	-43.6	48.89	-	-	74	-25.11	-	-	13	128	V

PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

**MID CHANNEL RESULTS**



**HORIZONTAL**



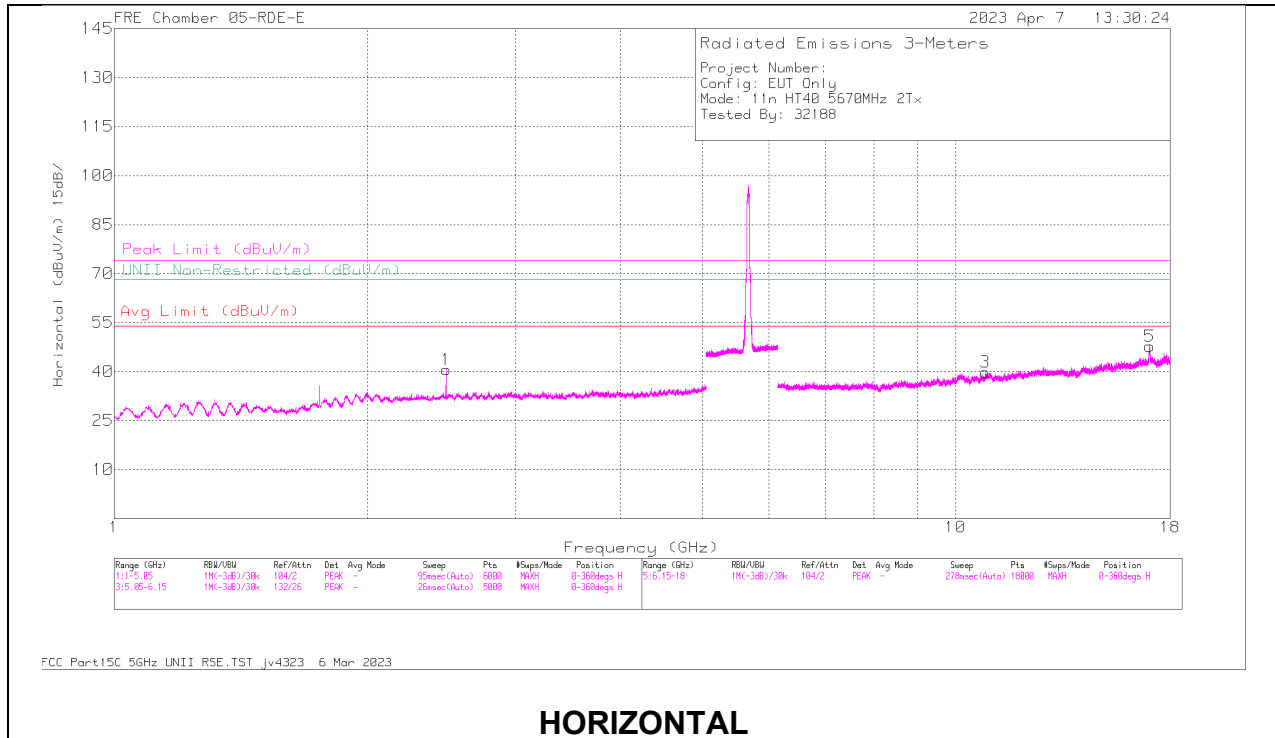
**VERTICAL**

**RADIATED EMISSIONS**

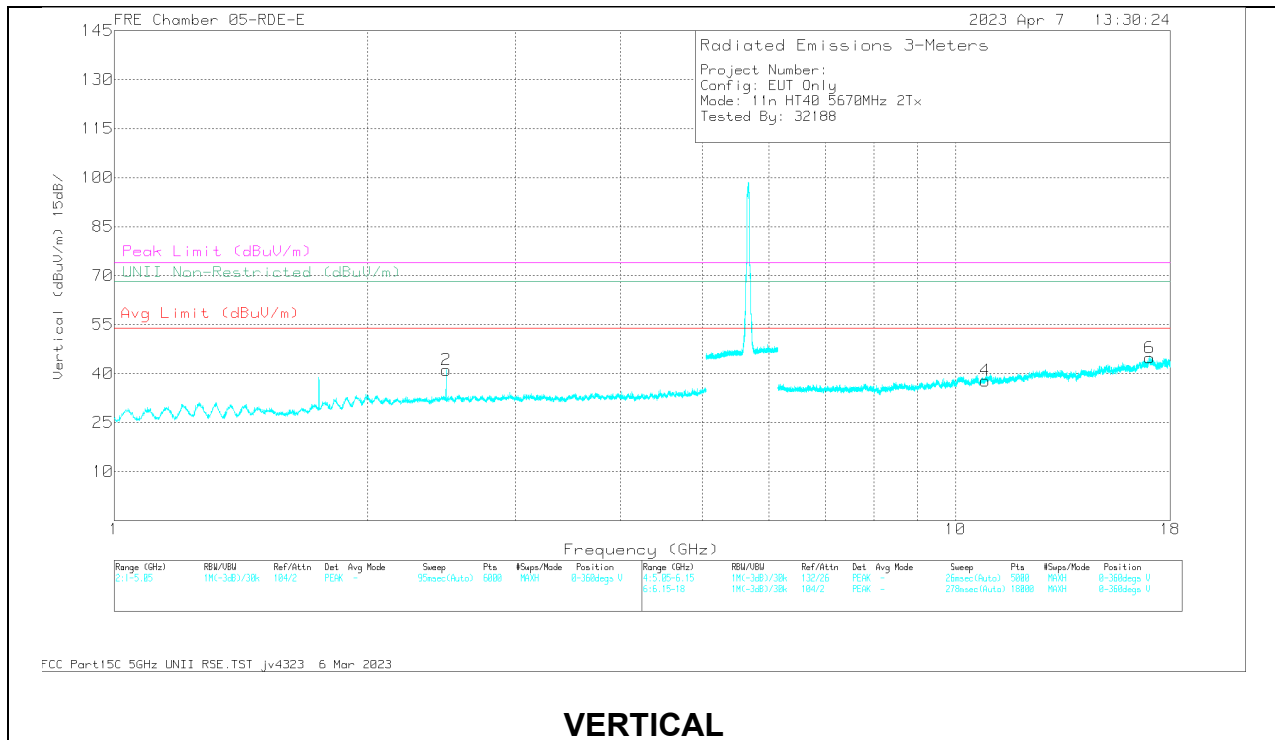
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	2.402893	49	ADR	32	0.1	-50.23	30.87	-	-	317	260	V
	2.40444	61.24	PK-U	32	0	-50.22	43.02	68.2	-25.18	317	260	V
1	2.423225	60.81	PK-U	32	0	-50.22	42.59	68.2	-25.61	28	132	H
	2.424394	48.83	ADR	32	0.1	-50.22	30.71	-	-	28	132	H
3	9.523845	57.56	PK-U	36.6	0	-46.01	48.15	68.2	-20.05	308	353	H
	9.52077	45.79	ADR	36.6	0.1	-45.95	36.54	-	-	308	353	H
4	9.522931	57.33	PK-U	36.6	0	-45.98	47.95	68.2	-20.25	154	118	V
	9.525456	45.72	ADR	36.6	0.1	-46.03	36.39	-	-	154	118	V
6	16.648536	55.76	PK-U	41.7	0	-42.75	54.71	68.2	-13.49	34	101	V
	16.650031	44.18	ADR	41.7	0.1	-42.75	43.23	-	-	34	101	V
5	16.648747	46.64	ADR	41.7	0.1	-42.75	45.69	-	-	287	101	H
	16.649018	58.92	PK-U	41.7	0	-42.75	57.87	68.2	-10.33	287	101	H

PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

**HIGH CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

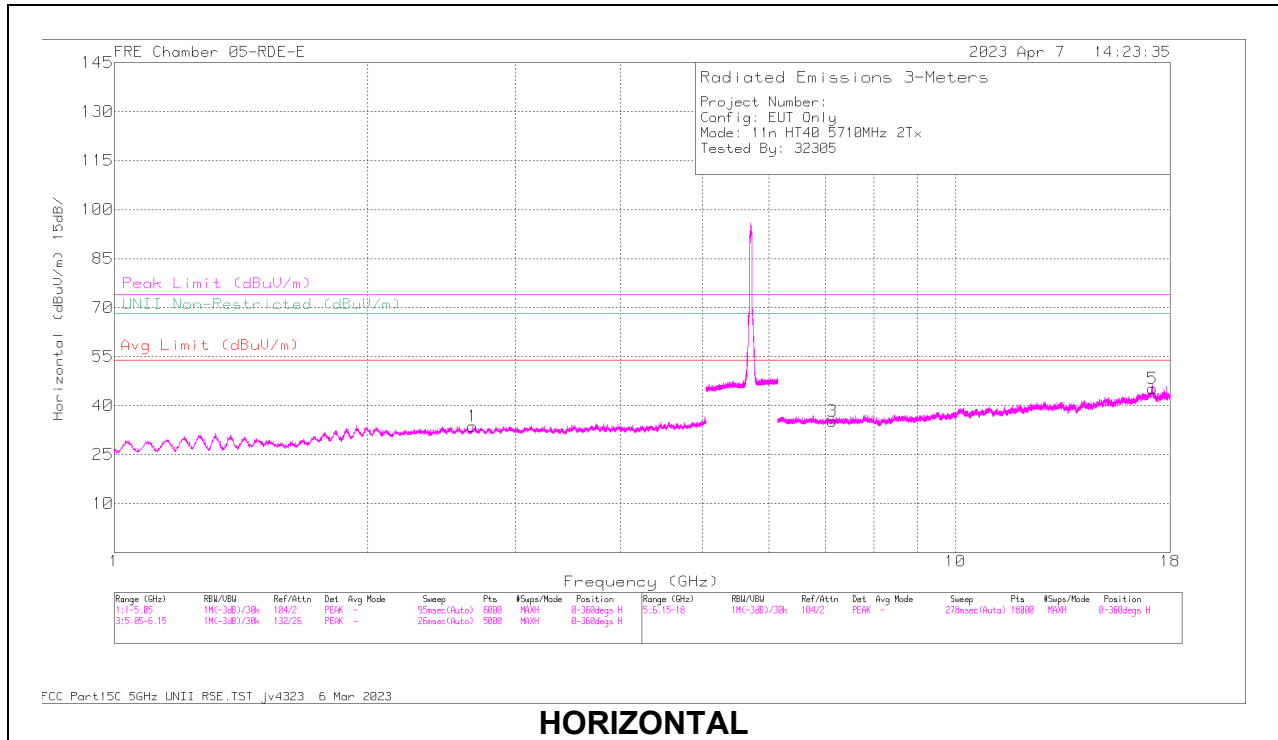
**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.480303	66.02	PK-U	32.2	0	-50.08	48.14	-	-	-	-	68.2	-20.06	322	164	H
2	2.480419	60.22	PK-U	32.2	0	-50.07	42.35	-	-	-	-	68.2	-25.85	13	296	V
3	10.841246	44.5	ADR	37.8	0.1	-44.95	37.45	54	-16.55	-	-	-	-	356	283	H
	10.844249	56.12	PK-U	37.8	0	-44.96	48.96	-	-	74	-25.04	-	-	356	283	H
4	10.845966	44.29	ADR	37.8	0.1	-44.88	37.31	54	-16.69	-	-	-	-	17	210	V
	10.846009	55.98	PK-U	37.8	0	-44.88	48.9	-	-	74	-25.1	-	-	17	210	V
6	17.01047	56.04	PK-U	41.8	0	-42.32	55.52	-	-	-	-	68.2	-12.68	354	295	V
5	17.017147	58.84	PK-U	41.8	0	-42.51	58.13	-	-	-	-	68.2	-10.07	304	112	H

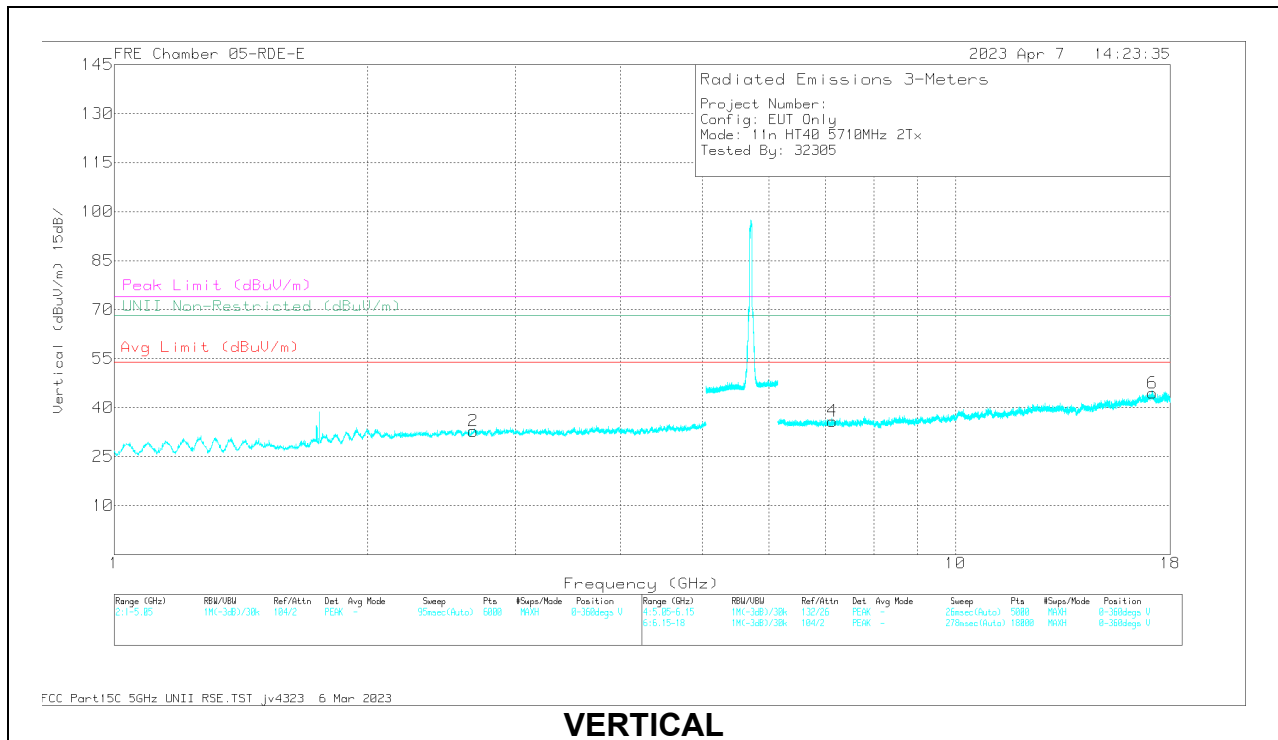
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**CHANNEL 142 RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (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)	Polarization
2	2.669964	48.54	ADR	32.4	0.1	-49.55	31.49	54	-22.51	-	-	-	-	344	142	V
1	2.66998	60.46	PK-U	32.4	0	-49.55	43.31	-	-	74	-30.69	-	-	111	299	H
	2.671057	48.61	ADR	32.4	0.1	-49.55	31.56	54	-22.44	-	-	-	-	111	299	H
4	2.671473	60.53	PK-U	32.4	0	-49.54	43.39	-	-	74	-30.61	-	-	344	142	V
	7.141727	56.16	PK-U	35.7	0	-46.19	45.67	-	-	-	-	68.2	-22.53	115	143	V
3	7.142988	56.44	PK-U	35.7	0	-46.15	45.99	-	-	-	-	68.2	-22.21	231	315	H
5	17.142289	56.41	PK-U	41.5	0	-42.56	55.35	-	-	-	-	68.2	-12.85	306	138	H
6	17.151183	54.74	PK-U	41.5	0	-42.53	53.71	-	-	-	-	68.2	-14.49	355	243	V

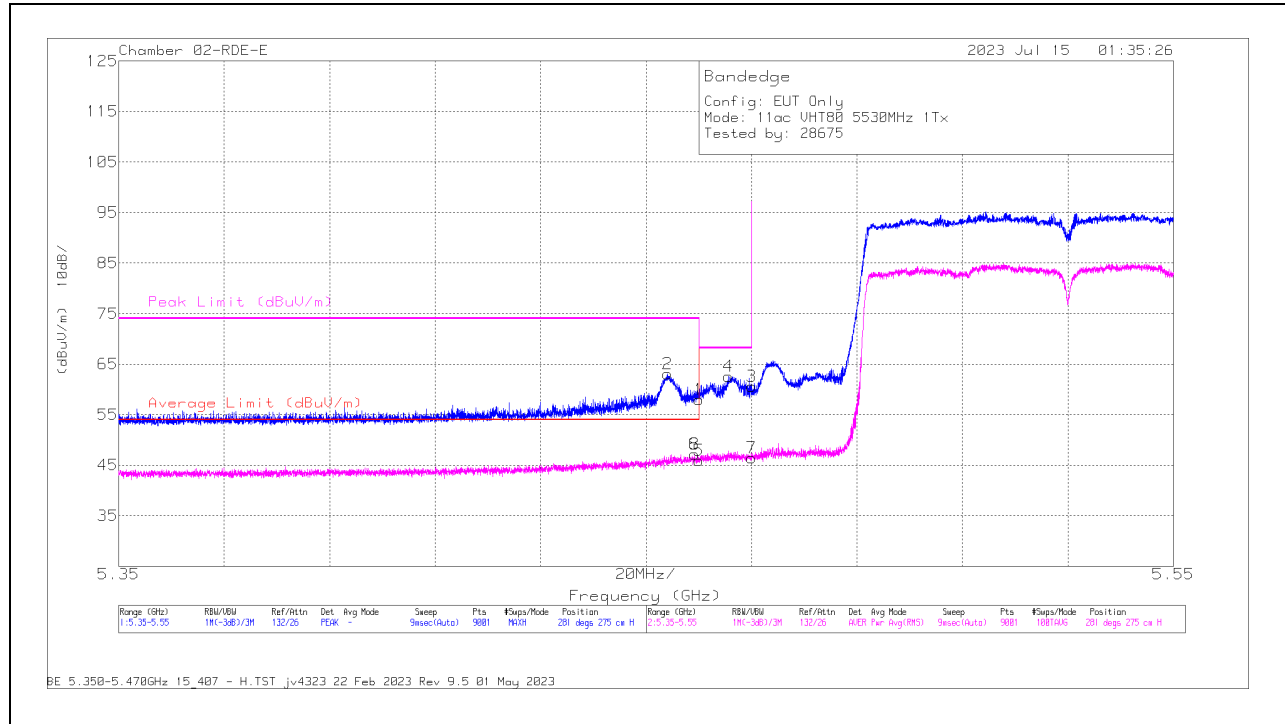
PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

### 1.1.40. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

#### 1TX Antenna 6

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



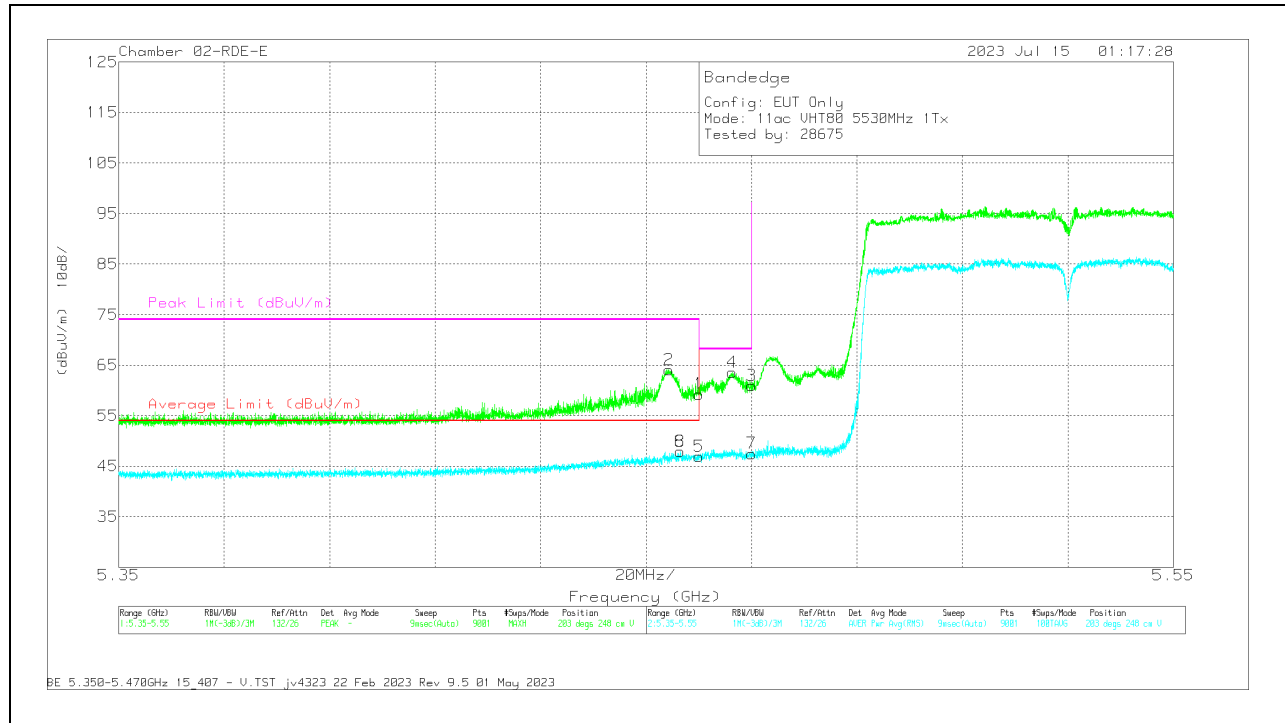
#### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20dB Offset ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	61.09	Pk	34.4	0	-37.47	58.02	-	-	68.2	-10.18	281	275	H
2	* 5.454043	66.19	Pk	34.4	0	-37.51	63.08	-	-	74	-10.92	281	275	H
5	* 5.46	48.58	RMS	34.4	0.72	-37.47	46.23	54	-7.77	-	-	281	275	H
6	* 5.459154	49.83	RMS	34.4	0.72	-37.47	47.48	54	-6.52	-	-	281	275	H
8	* 5.459154	49.83	RMS	34.4	0.72	-37.47	47.48	54	-6.52	-	-	281	275	H
4	5.465643	65.62	Pk	34.4	0	-37.41	62.61	-	-	68.2	-5.59	281	275	H
3	5.47	63.6	Pk	34.4	0	-37.46	60.54	-	-	68.2	-7.66	281	275	H
7	5.47	49.02	RMS	34.4	0.72	-37.46	46.68	-	-	-	-	281	275	H

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



**VERTICAL RESULT**



**Trace Markers**

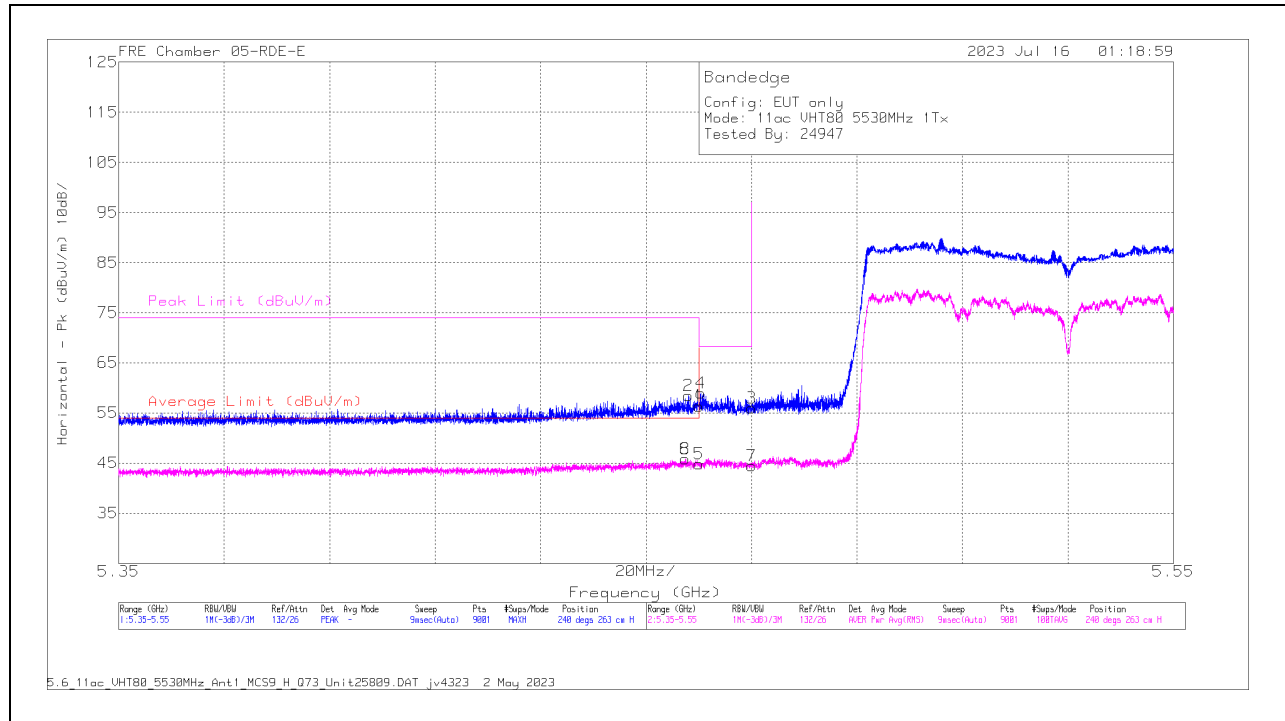
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20dB BW ACQ (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	62.36	Pk	34.4	0	-37.47	59.29	-	-	68.2	-8.91	203	248	V
2	* 5.454332	67.23	Pk	34.4	0	-37.51	64.12	-	-	74	-9.88	203	248	V
5	* 5.46	49.56	RMS	34.4	0.72	-37.47	47.21	54	-6.79	-	-	203	248	V
6	* 5.456466	50.54	RMS	34.4	0.72	-37.49	48.17	54	-5.83	-	-	203	248	V
8	* 5.456466	50.54	RMS	34.4	0.72	-37.49	48.17	54	-5.83	-	-	203	248	V
4	5.466288	66.63	Pk	34.4	0	-37.41	63.62	-	-	68.2	-4.58	203	248	V
3	5.47	64.01	Pk	34.4	0	-37.46	60.95	-	-	68.2	-7.25	203	248	V
7	5.47	50.1	RMS	34.4	0.72	-37.46	47.76	-	-	-	-	203	248	V

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

**1TX Antenna 5**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**

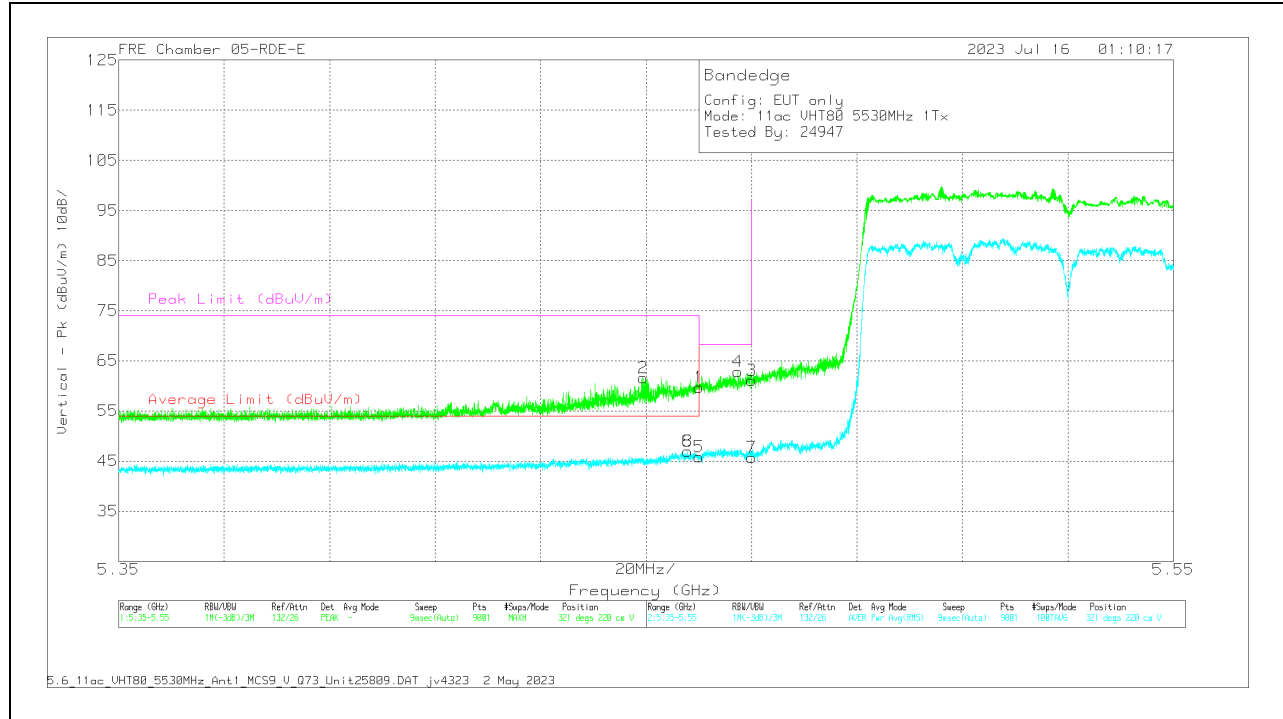


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	5.457466	48.93	RMS	34.8	0.72	-38.33	46.12	54	-7.88	-	-	240	263	H
8	5.457466	48.93	RMS	34.8	0.72	-38.33	46.12	54	-7.88	-	-	240	263	H
2	5.458043	62.01	Pk	34.8	0	-38.31	58.5	-	-	74	-15.5	240	263	H
1	5.46	59.9	Pk	34.8	0	-38.29	56.41	-	-	68.2	-11.79	240	263	H
5	5.46	47.9	RMS	34.8	0.72	-38.29	45.13	54	-8.87	-	-	240	263	H
4	5.460421	62.42	Pk	34.8	0	-38.28	58.94	-	-	68.2	-9.26	240	263	H
3	5.47	59.53	Pk	34.8	0	-38.39	55.94	-	-	68.2	-12.26	240	263	H
7	5.47	47.62	RMS	34.8	0.72	-38.39	44.75	-	-	-	-	240	263	H

Pk - Peak detector  
RMS - RMS detection

VERTICAL RESULT



Trace Markers

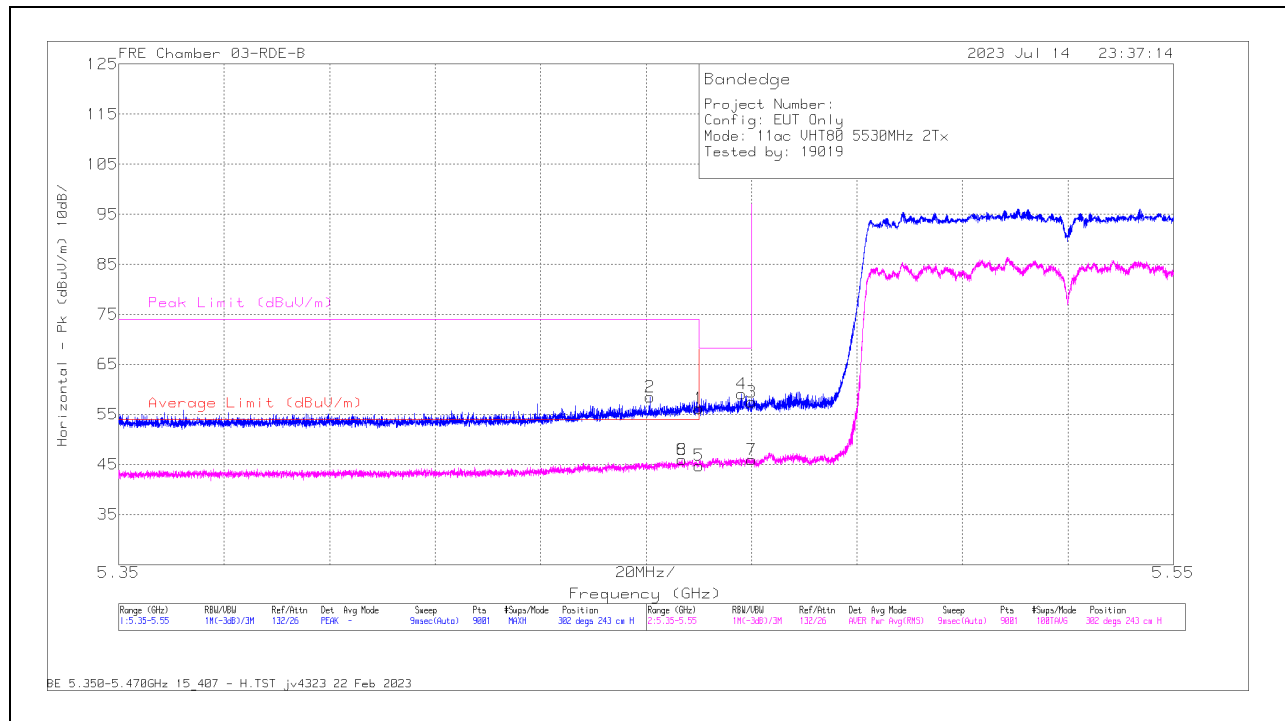
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mit	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.449466	65.1	Pk	34.8	0	-38.33	61.57	-	-	74	-12.43	321	220	V
6	5.45791	49.99	RMS	34.8	0.72	-38.31	47.2	54	-6.8	-	-	321	220	V
8	5.45791	49.99	RMS	34.8	0.72	-38.31	47.2	54	-6.8	-	-	321	220	V
1	5.46	63.27	Pk	34.8	0	-38.29	59.78	-	-	68.2	-8.42	321	220	V
5	5.46	48.84	RMS	34.8	0.72	-38.29	46.07	54	-7.93	-	-	321	220	V
4	5.467421	66.47	Pk	34.8	0	-38.37	62.9	-	-	68.2	-5.3	321	220	V
3	5.47	64.68	Pk	34.8	0	-38.39	61.09	-	-	68.2	-7.11	321	220	V
7	5.47	48.83	RMS	34.8	0.72	-38.39	45.96	-	-	-	-	321	220	V

Pk - Peak detector  
RMS - RMS detection

**2TX Antenna 6 + Antenna 5 CDD MODE**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



**Trace Markers**

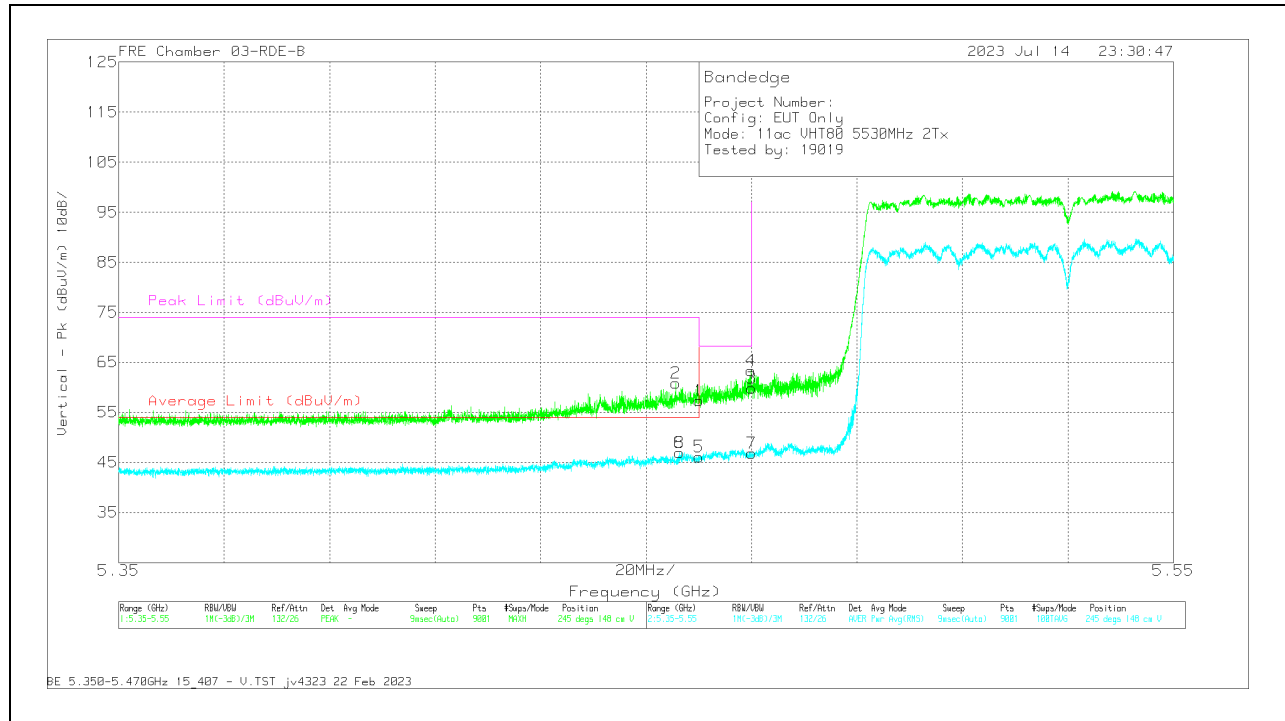
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	61.31	Pk	34.3	0	-39.4	56.21	-	-	68.2	-11.99	302	243	H
2	* 5.45071	63.48	Pk	34.3	0	-39.33	59.45	-	-	74	-15.55	302	243	H
5	* 5.46	49.16	RMS	34.3	.72	-39.4	44.78	54	-9.22	-	-	302	243	H
6	* 5.456843	50.37	RMS	34.3	.72	-39.4	45.99	54	-8.01	-	-	302	243	H
8	* 5.456843	50.37	RMS	34.3	.72	-39.4	45.99	54	-8.01	-	-	302	243	H
4	5.46811	64.17	Pk	34.3	0	-39.39	59.08	-	-	68.2	-9.12	302	243	H
3	5.47	62.54	Pk	34.3	0	-39.4	57.44	-	-	68.2	-10.76	302	243	H
7	5.47	50.39	RMS	34.3	.72	-39.4	46.01	-	-	-	-	302	243	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



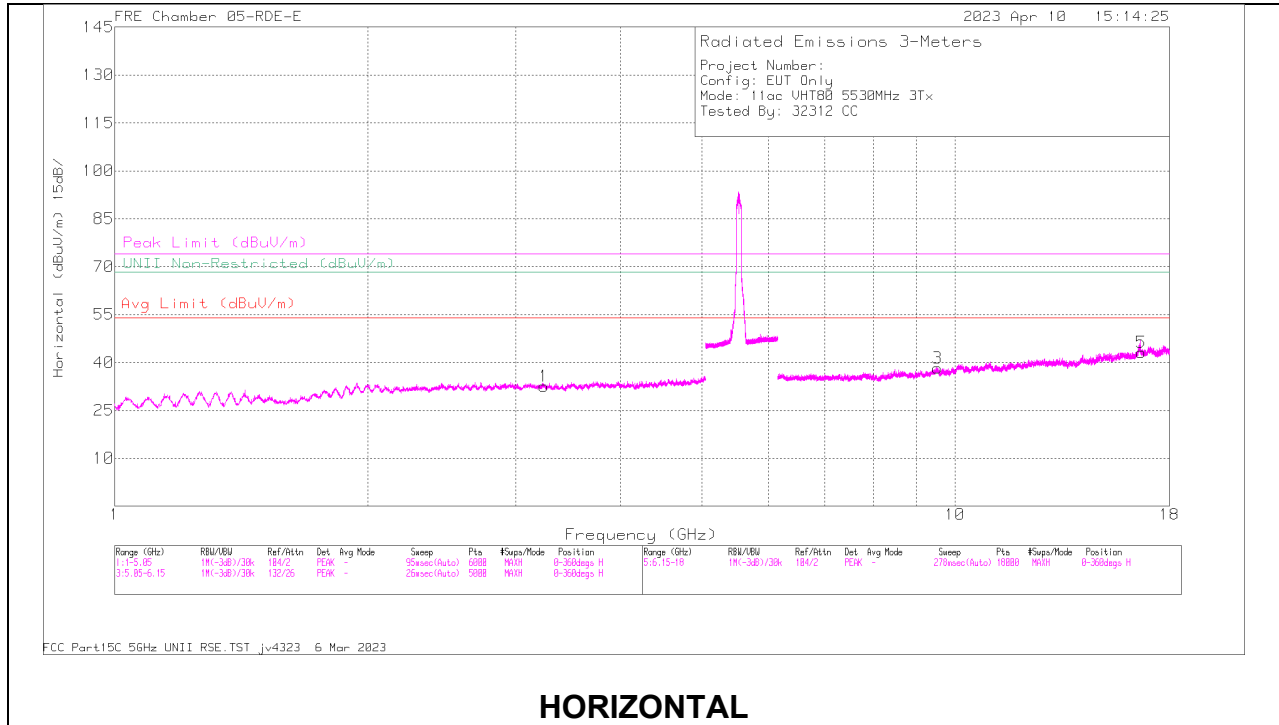
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	62.42	Pk	34.3	0	-39.4	57.32	-	-	68.2	-10.88	245	148	V
2	* 5.455865	65.98	Pk	34.3	0	-39.4	60.88	-	-	74	-13.12	245	148	V
5	* 5.46	50.53	RMS	34.3	.72	-39.4	46.15	54	-7.85	-	-	245	148	V
6	* 5.456399	51.33	RMS	34.3	.72	-39.4	46.95	54	-7.05	-	-	245	148	V
8	* 5.456399	51.33	RMS	34.3	.72	-39.4	46.95	54	-7.05	-	-	245	148	V
4	5.469865	68.46	Pk	34.3	0	-39.39	63.37	-	-	68.2	-4.83	245	148	V
3	5.47	64.95	Pk	34.3	0	-39.4	59.85	-	-	68.2	-8.35	245	148	V
7	5.47	51.2	RMS	34.3	.72	-39.4	46.82	-	-	-	-	245	148	V

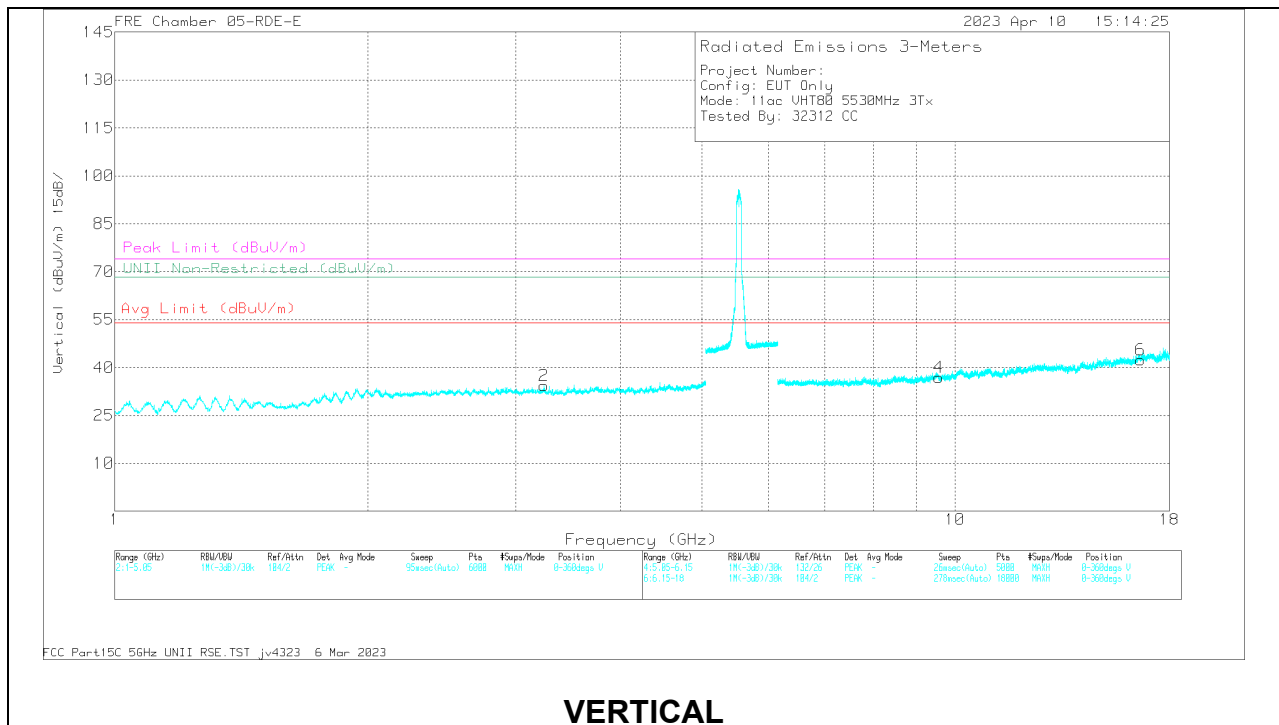
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK - Peak detector  
RMS - RMS detection

### 1.1.41. 5.6GHz, VHT80 2TX HARMONICS AND SPURIOUS EMISSIONS

#### LOW CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

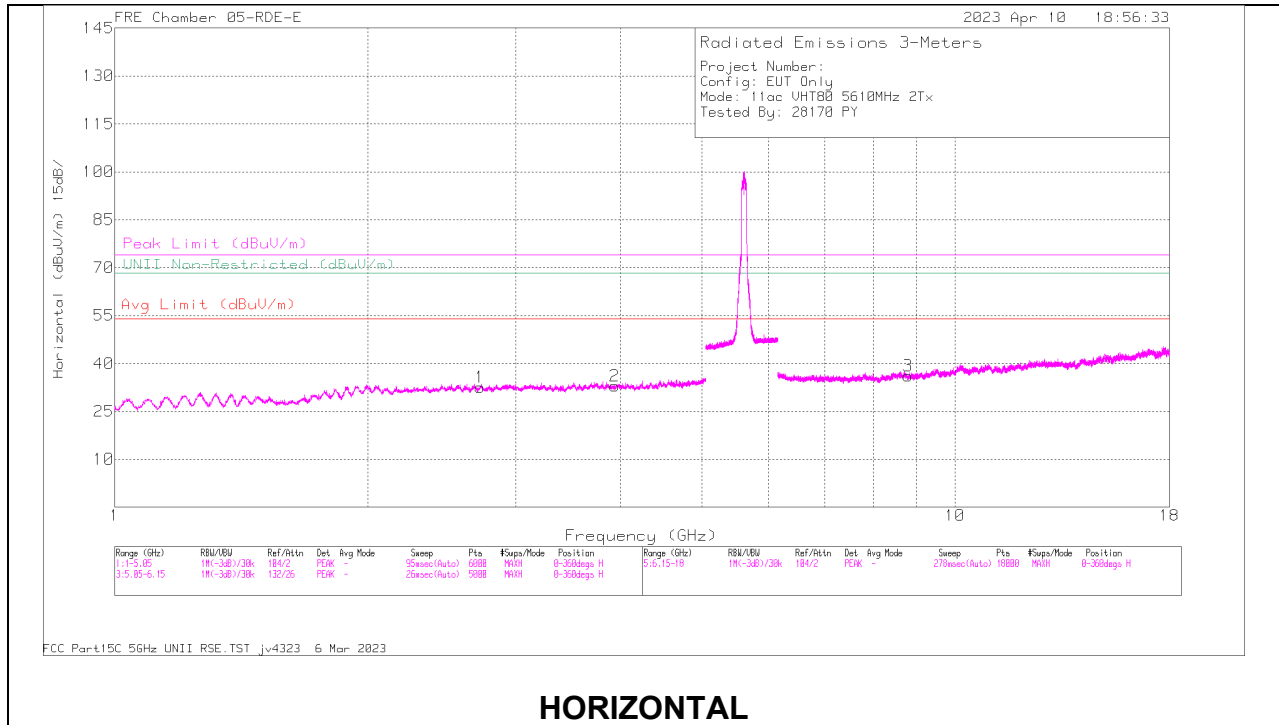
**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.237701	58.13	PK-U	32.8	-47.65	43.28	68.2	-24.92	128	312	H
2	3.2392	58.01	PK-U	32.8	-47.6	43.21	68.2	-24.99	180	330	V
3	9.5332	57.33	PK-U	36.6	-45.98	47.95	68.2	-20.25	180	200	H
4	9.568861	57.23	PK-U	36.7	-46.24	47.69	68.2	-20.51	180	200	V
6	16.632966	53.9	PK-U	41.6	-42.97	52.53	68.2	-15.67	180	200	V
5	16.659776	54.86	PK-U	41.7	-42.83	53.73	68.2	-14.47	180	101	H

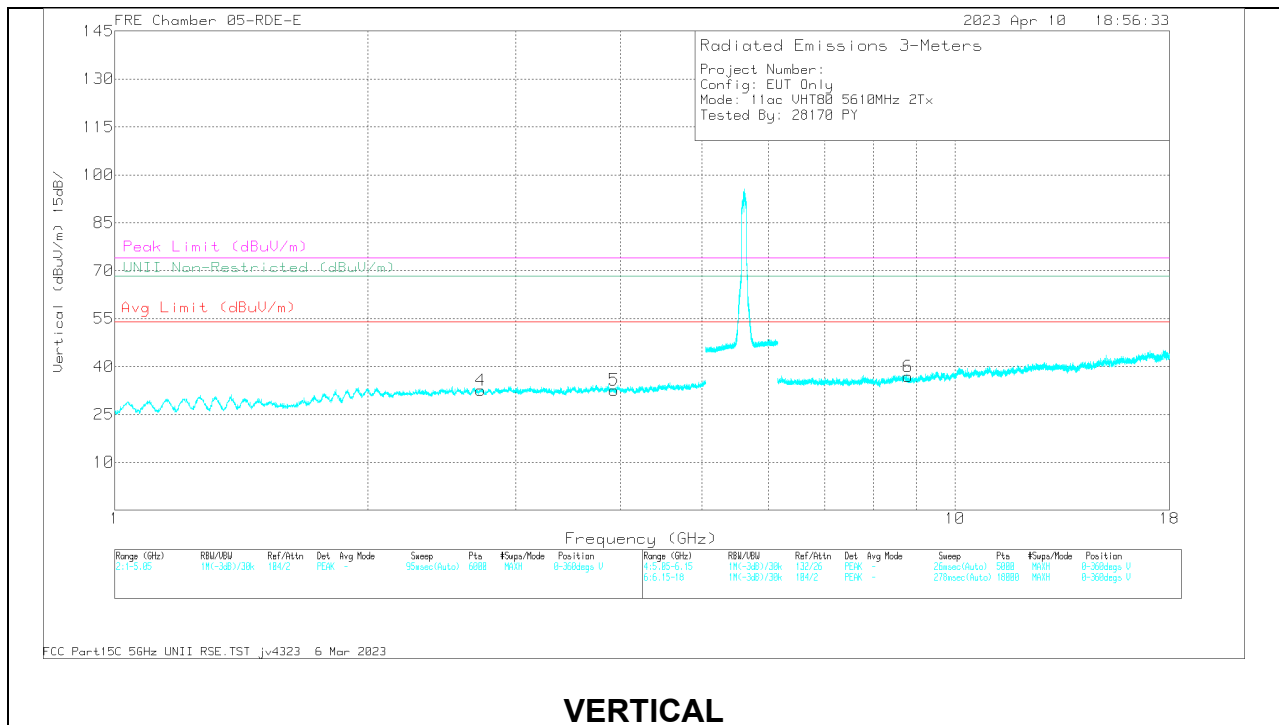
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**HIGH CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

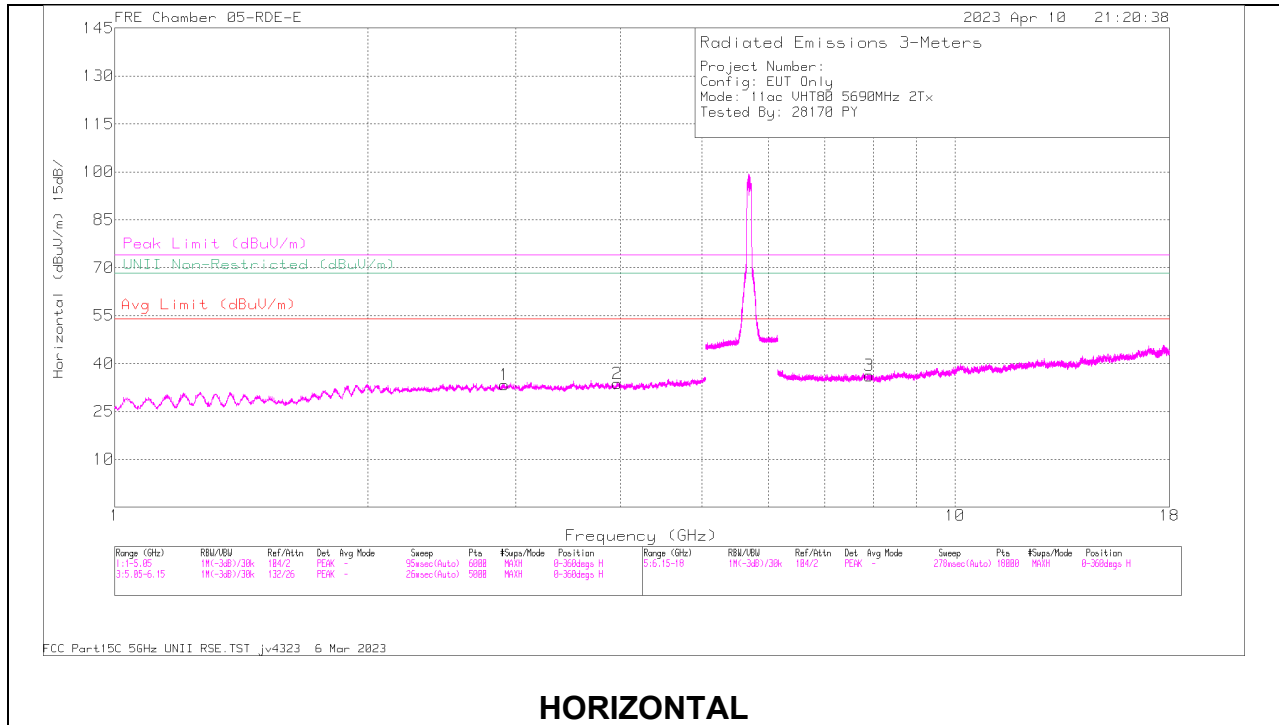


**RADIATED EMISSIONS**

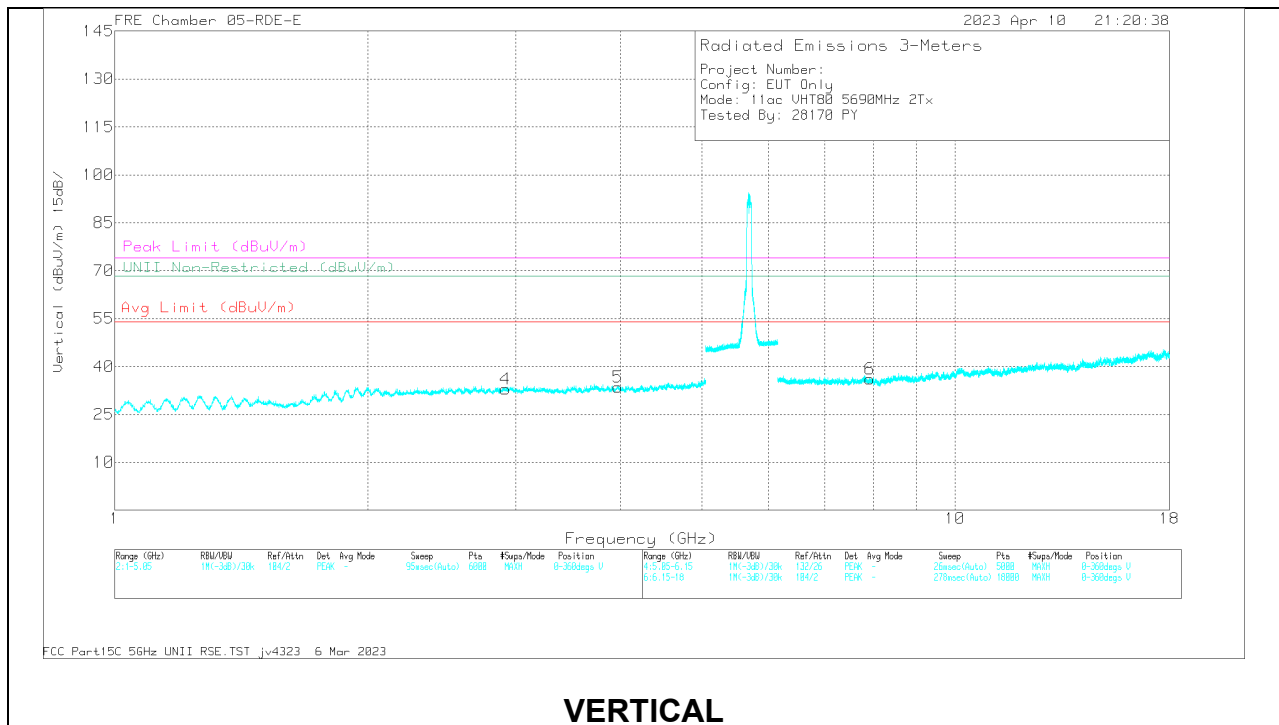
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.717707	60.67	PK-U	32.4	0	-49.29	43.78	-	-	74	-30.22	-	-	1	199	H
	* 2.720341	48.11	ADR	32.4	0.2	-49.28	31.43	54	-22.57	-	-	-	-	1	199	H
2	* 3.938016	57.32	PK-U	33.4	0	-47.26	43.46	-	-	74	-30.54	-	-	1	199	H
	* 3.938351	45.38	ADR	33.4	0.2	-47.25	31.73	54	-22.27	-	-	-	-	1	199	H
4	* 2.726547	60.39	PK-U	32.4	0	-49.32	43.47	-	-	74	-30.53	-	-	1	199	V
	* 2.727902	48.43	ADR	32.4	0.2	-49.32	31.71	54	-22.29	-	-	-	-	1	199	V
5	* 3.932553	56.91	PK-U	33.4	0	-47.41	42.9	-	-	74	-31.1	-	-	1	101	V
	* 3.931057	45.22	ADR	33.4	0.2	-47.41	31.41	54	-22.59	-	-	-	-	1	101	V
3	8.790425	54.41	PK-U	35.9	0	-44.79	45.52	-	-	-	-	68.2	-22.68	1	199	H
6	8.802442	54.92	PK-U	35.9	0	-44.75	46.07	-	-	-	-	68.2	-22.13	1	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

**CHANNEL 138 RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (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	* 3.96184	57.7	PK-U	33.4	0	-47.51	43.59	-	-	74	-30.41	-	-	1	101	H
	* 3.960206	46.21	ADR	33.4	0.2	-47.52	32.29	54	-21.71	-	-	-	-	1	101	H
4	* 3.975601	57.62	PK-U	33.4	0	-47.47	43.55	-	-	74	-30.45	-	-	1	200	V
	* 3.974176	46.31	ADR	33.4	0.2	-47.48	32.43	54	-21.57	-	-	-	-	1	200	V
2	2.911201	59.8	PK-U	32.5	0	-48.88	43.42	-	-	-	-	68.2	-24.78	1	101	H
5	2.917293	59.09	PK-U	32.6	0	-48.79	42.9	-	-	-	-	68.2	-25.3	1	101	V
3	7.903247	56.57	PK-U	35.9	0	-46.23	46.24	-	-	-	-	68.2	-21.96	1	101	H
6	7.917581	56.49	PK-U	35.9	0	-46.26	46.13	-	-	-	-	68.2	-22.07	1	200	V

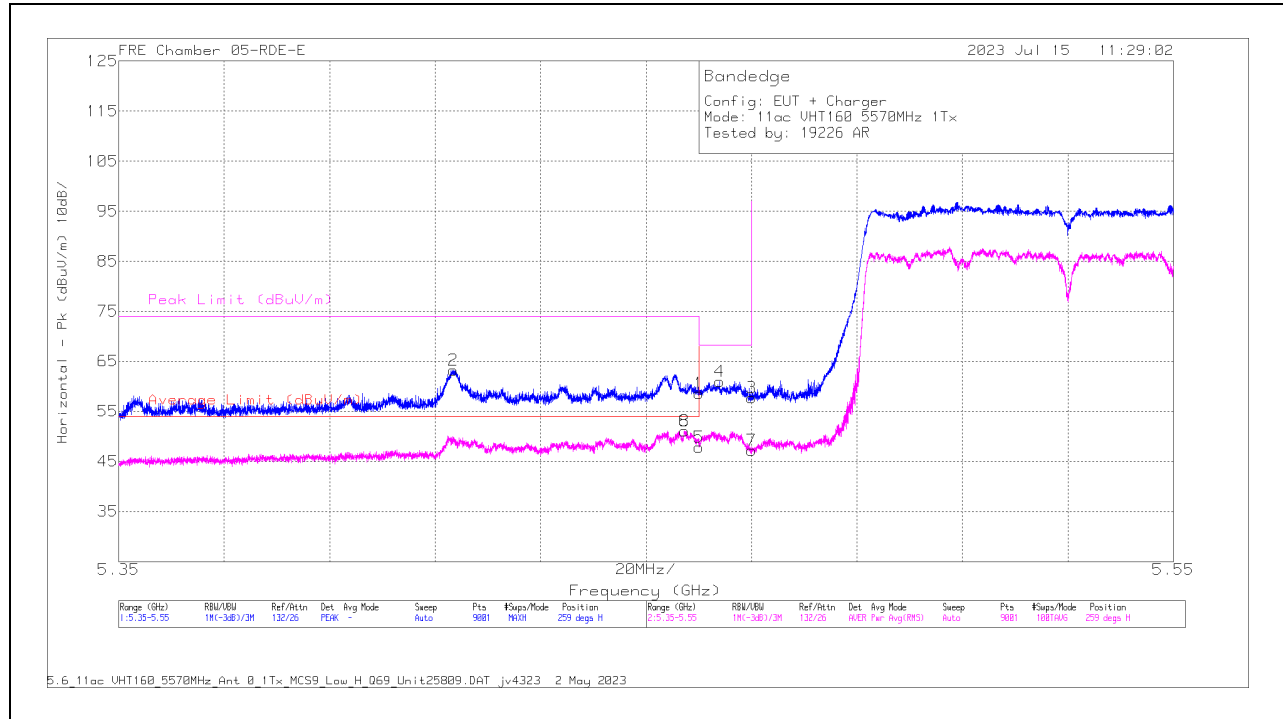
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

### 1.1.42. TX ABOVE 1 GHz 802.11ac VHT160 MODE IN THE 5.6 GHz BAND

#### 1TX Antenna 6

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT

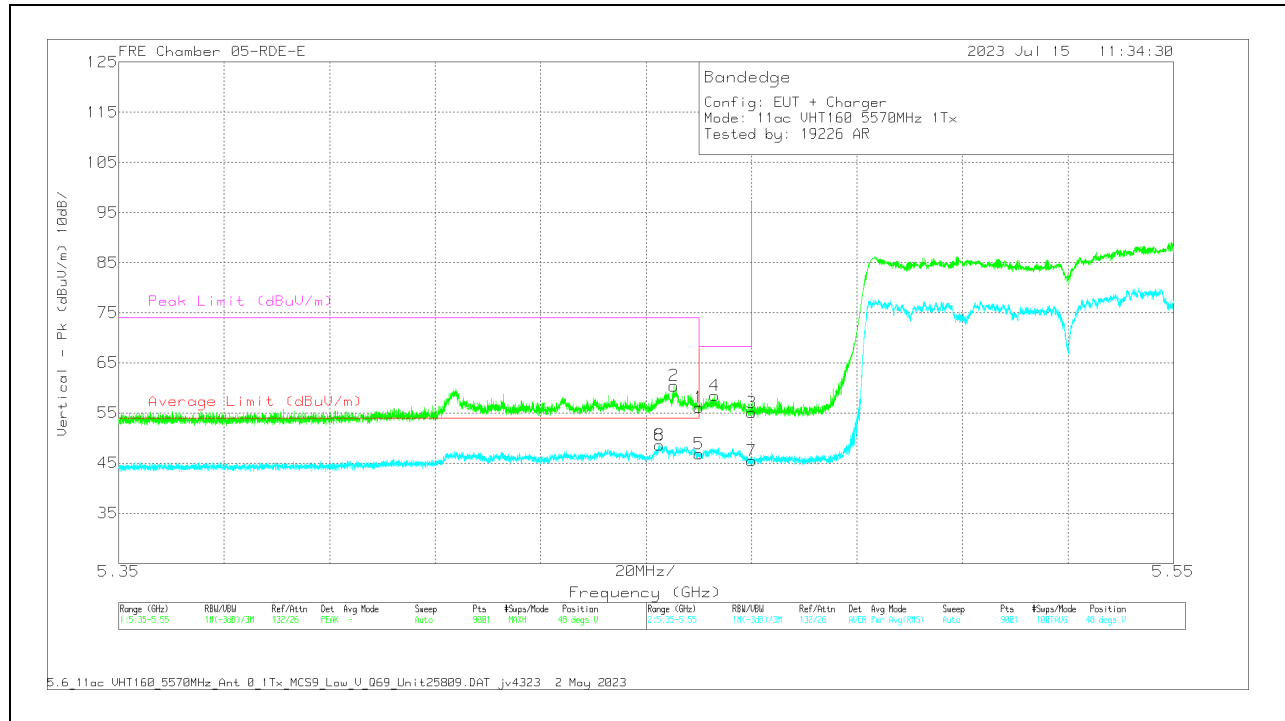


#### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.413466	66.98	Pk	34.8	0	-38.53	63.25	-	-	74	-10.75	259	233	H
6	5.457354	53.27	RMS	34.8	1.42	-38.33	51.16	54	-2.84	-	-	259	233	H
8	5.457354	53.27	RMS	34.8	1.42	-38.33	51.16	54	-2.84	-	-	259	233	H
1	5.46	62.14	Pk	34.8	0	-38.29	58.65	-	-	68.2	-9.55	259	233	H
5	5.46	49.99	RMS	34.8	1.42	-38.29	47.92	54	-6.08	-	-	259	233	H
4	5.463954	64.43	Pk	34.8	0	-38.29	60.94	-	-	68.2	-7.26	259	233	H
3	5.47	61.26	Pk	34.8	0	-38.39	57.67	-	-	68.2	-10.53	259	233	H
7	5.47	49.41	RMS	34.8	1.42	-38.39	47.24	-	-	-	-	259	233	H

Pk - Peak detector  
RMS - RMS detection

**VERTICAL RESULT**



**Trace Markers**

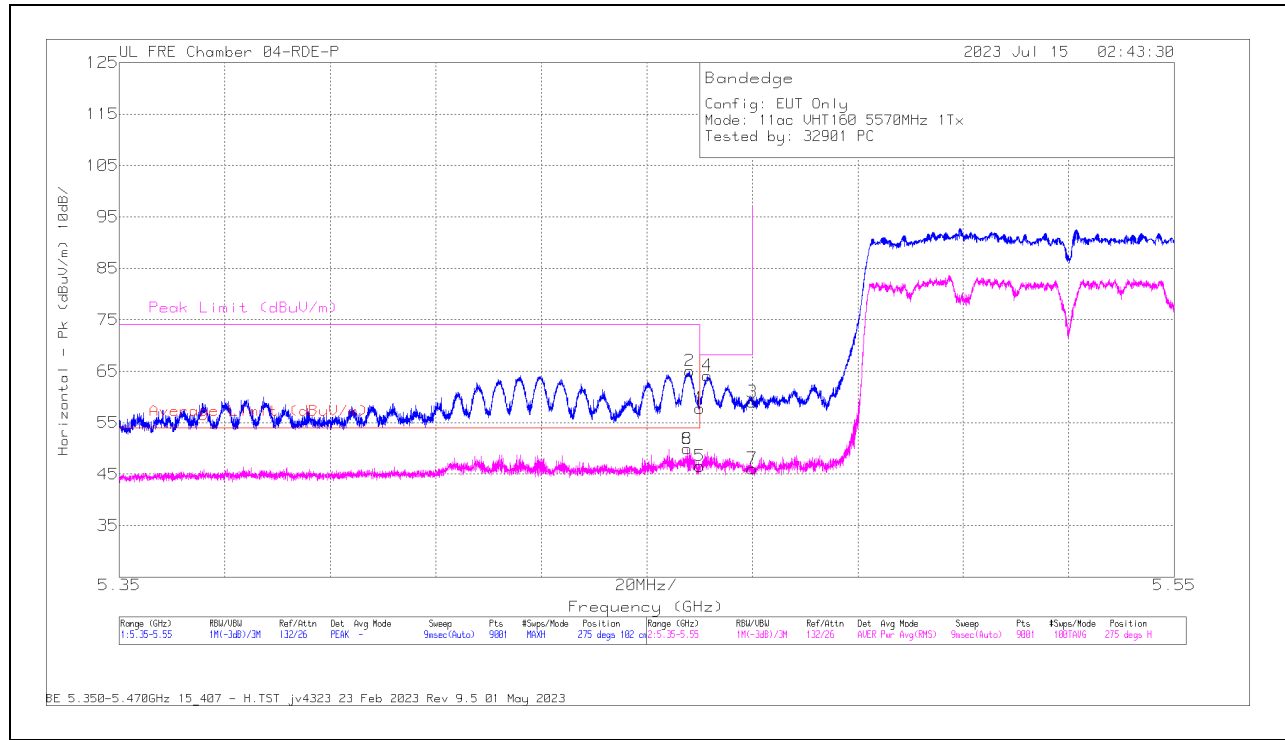
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Z26671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	5.45251	50.83	RMS	34.8	1.42	-38.38	48.67	54	-5.33	-	-	48	330	V
8	5.45251	50.83	RMS	34.8	1.42	-38.38	48.67	54	-5.33	-	-	48	330	V
2	5.45531	64.08	Pk	34.7	0	-38.36	60.42	-	-	74	-13.58	48	330	V
1	5.46	59.6	Pk	34.8	0	-38.29	56.11	-	-	68.2	-12.09	48	330	V
5	5.46	48.98	RMS	34.8	1.42	-38.29	46.91	54	-7.09	-	-	48	330	V
4	5.462954	61.9	Pk	34.8	0	-38.28	58.42	-	-	68.2	-9.78	48	330	V
3	5.47	58.67	Pk	34.8	0	-38.39	55.08	-	-	68.2	-13.12	48	330	V
7	5.47	47.7	RMS	34.8	1.42	-38.39	45.53	-	-	-	-	48	330	V

Pk - Peak detector  
RMS - RMS detection

**1TX Antenna 5**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**

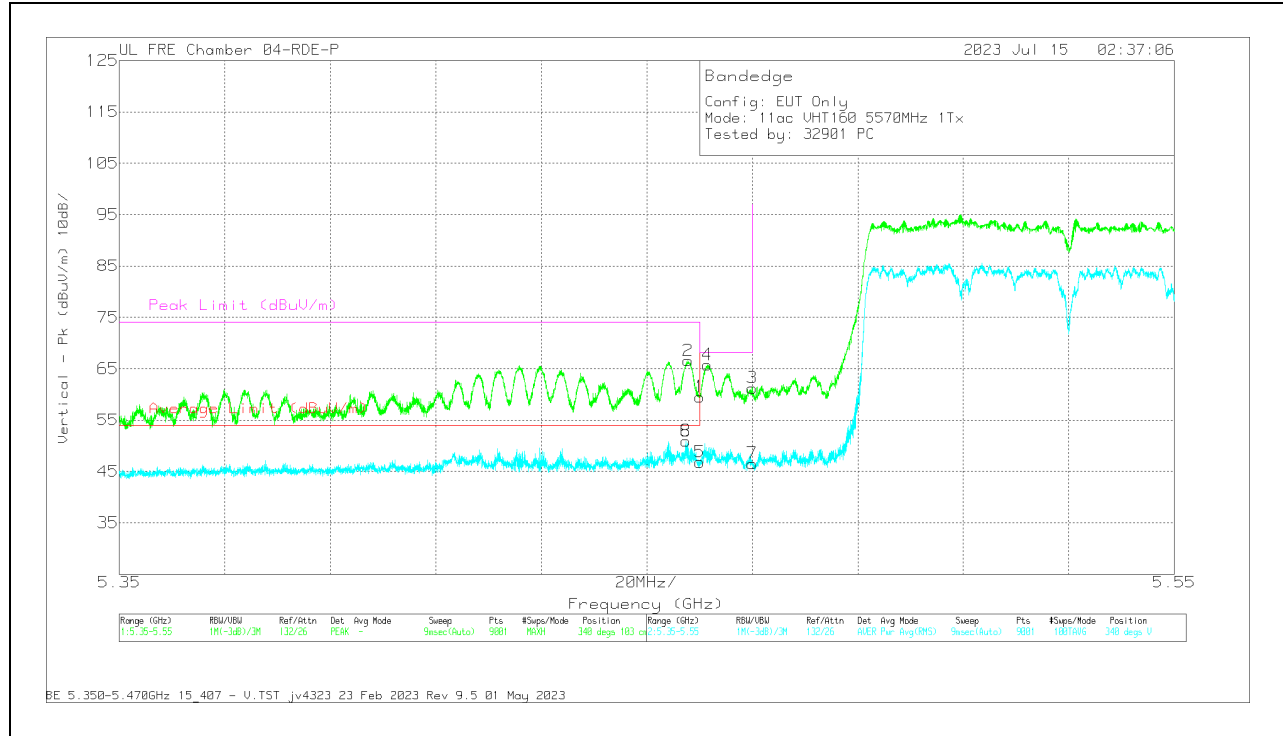


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polariz
1	* 5.46	61.31	Pk	34.4	0	-37.94	57.77	-	-	68.2	-10.43	275	102	H
2	* 5.458154	68.54	Pk	34.4	0	-37.89	65.05	-	-	74	-8.95	275	102	H
5	* 5.46	48.7	RMS	34.4	1.42	-37.94	46.58	54	-7.42	-	-	275	102	H
6	* 5.457643	52	RMS	34.4	1.42	-37.89	49.93	54	-4.07	-	-	275	102	H
8	* 5.457643	52	RMS	34.4	1.42	-37.89	49.93	54	-4.07	-	-	275	102	H
4	5.46151	67.67	Pk	34.4	0	-37.93	64.14	-	-	68.2	-4.06	275	102	H
3	5.47	62.35	Pk	34.4	0	-37.77	58.98	-	-	68.2	-9.22	275	102	H
7	5.47	48.01	RMS	34.4	1.42	-37.77	46.06	-	-	-	-	275	102	H

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

VERTICAL RESULT



Trace Markers

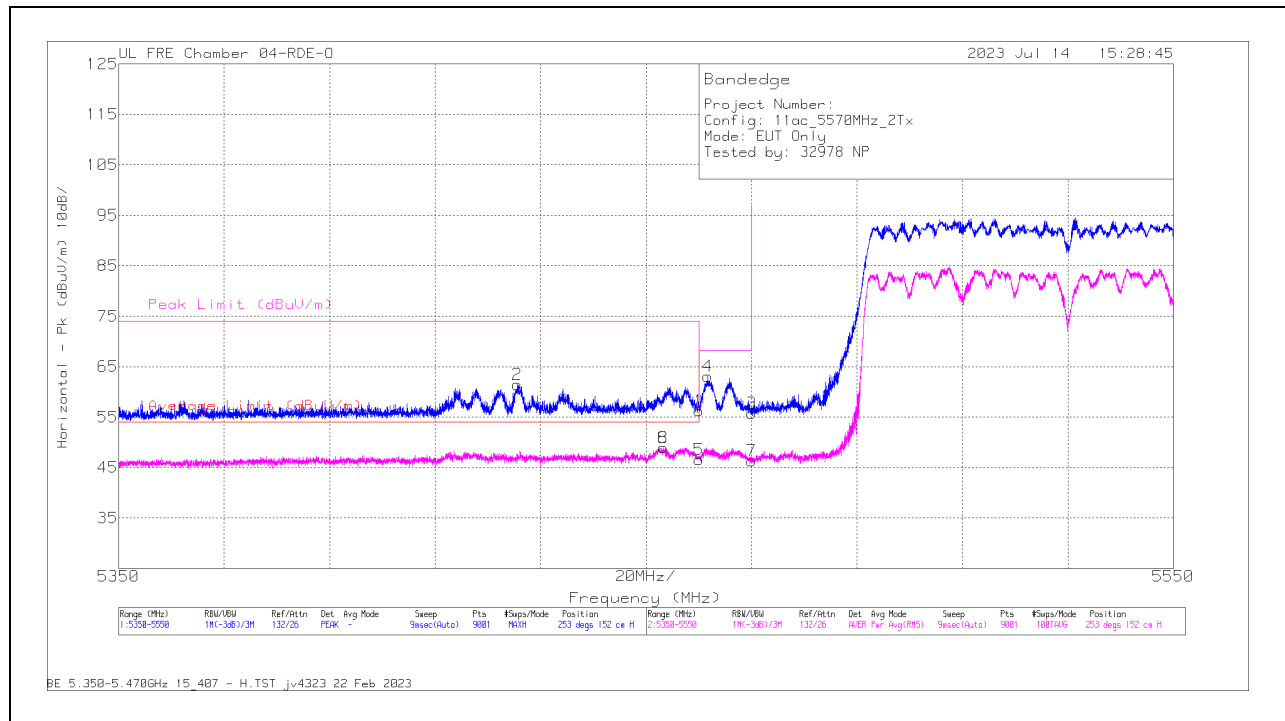
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3MHz	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	63.04	PK	34.4	0	-37.94	59.5	-	-	68.2	-8.7	340	103	V
2	* 5.457921	70.04	PK	34.4	0	-37.89	66.55	-	-	74	-7.45	340	103	V
5	* 5.46	48.96	RMS	34.4	1.42	-37.94	46.84	54	-7.16	-	-	340	103	V
6	* 5.457421	53	RMS	34.4	1.42	-37.89	50.93	54	-3.07	-	-	340	103	V
8	* 5.457421	53	RMS	34.4	1.42	-37.89	50.93	54	-3.07	-	-	340	103	V
4	5.461488	69.26	PK	34.4	0	-37.93	65.73	-	-	68.2	-2.47	340	103	V
3	5.47	64.62	PK	34.4	0	-37.77	61.25	-	-	68.2	-6.95	340	103	V
7	5.47	48.52	RMS	34.4	1.42	-37.77	46.57	-	-	-	-	340	103	V

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

**2TX Antenna 6 + Antenna 5 CDD MODE**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



**Trace Markers**

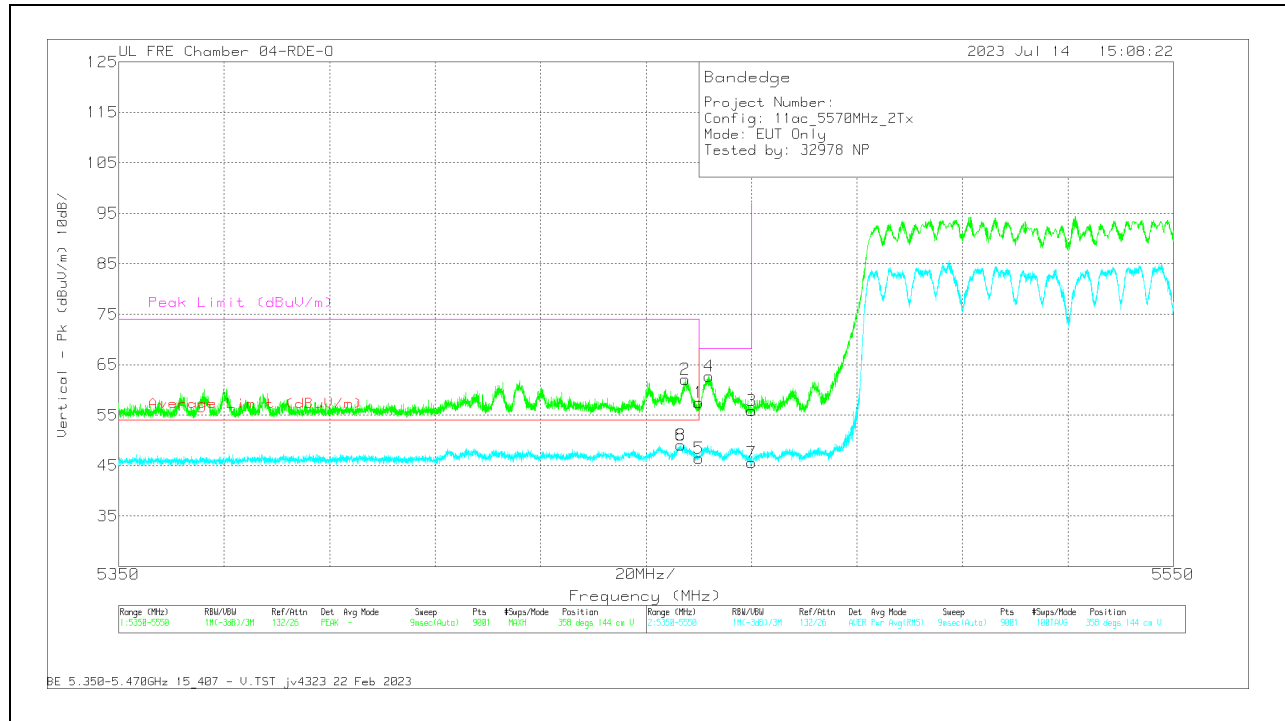
Marker	Frequency (MHz)	Meter Reading (dBu)	Det	80404_ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5425.533	61.82	Pk	34.7	0	-35	61.52	-	-	74	-12.48	253	152	H
6	5453.243	47.83	RMS	34.7	1.42	-34.98	48.97	54	-5.03	-	-	253	152	H
8	5453.243	47.83	RMS	34.7	1.42	-34.98	48.97	54	-5.03	-	-	253	152	H
1	5460	56.46	Pk	34.7	0	-34.96	56.2	-	-	68.2	-12	253	152	H
5	5460	45.42	RMS	34.7	1.42	-34.96	46.58	54	-7.42	-	-	253	152	H
4	5461.732	63.31	Pk	34.7	0	-34.95	63.06	-	-	68.2	-5.14	253	152	H
3	5470	56.12	Pk	34.6	0	-34.95	55.77	-	-	68.2	-12.43	253	152	H
7	5470	45.23	RMS	34.6	1.42	-34.95	46.3	-	-	-	-	253	152	H

Pk - Peak detector

RMS - RMS detection



VERTICAL RESULT



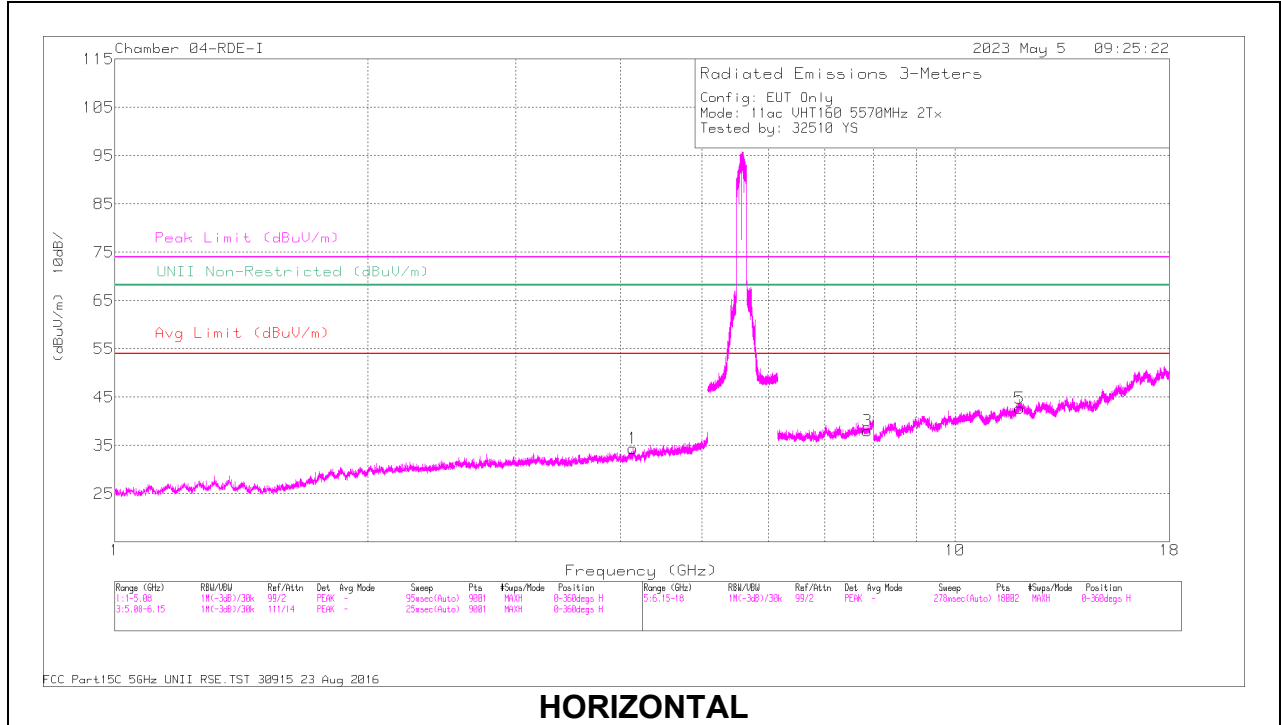
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80404_ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	5456.532	47.91	RMS	34.7	1.42	-34.99	49.04	54	-4.96	-	-	358	144	V
8	5456.532	47.91	RMS	34.7	1.42	-34.99	49.04	54	-4.96	-	-	358	144	V
2	5457.377	62.33	PK	34.7	0	-34.99	62.04	-	-	74	-11.96	358	144	V
1	5460	57.74	PK	34.7	0	-34.96	57.48	-	-	68.2	-10.72	358	144	V
5	5460	45.31	RMS	34.7	1.42	-34.96	45.47	54	-7.53	-	-	358	144	V
4	5461.888	63.01	PK	34.7	0	-34.95	62.76	-	-	68.2	-5.44	358	144	V
3	5470	55.24	PK	34.6	0	-34.95	55.89	-	-	68.2	-12.31	358	144	V
7	5470	44.5	RMS	34.6	1.42	-34.95	45.57	-	-	-	-	358	144	V

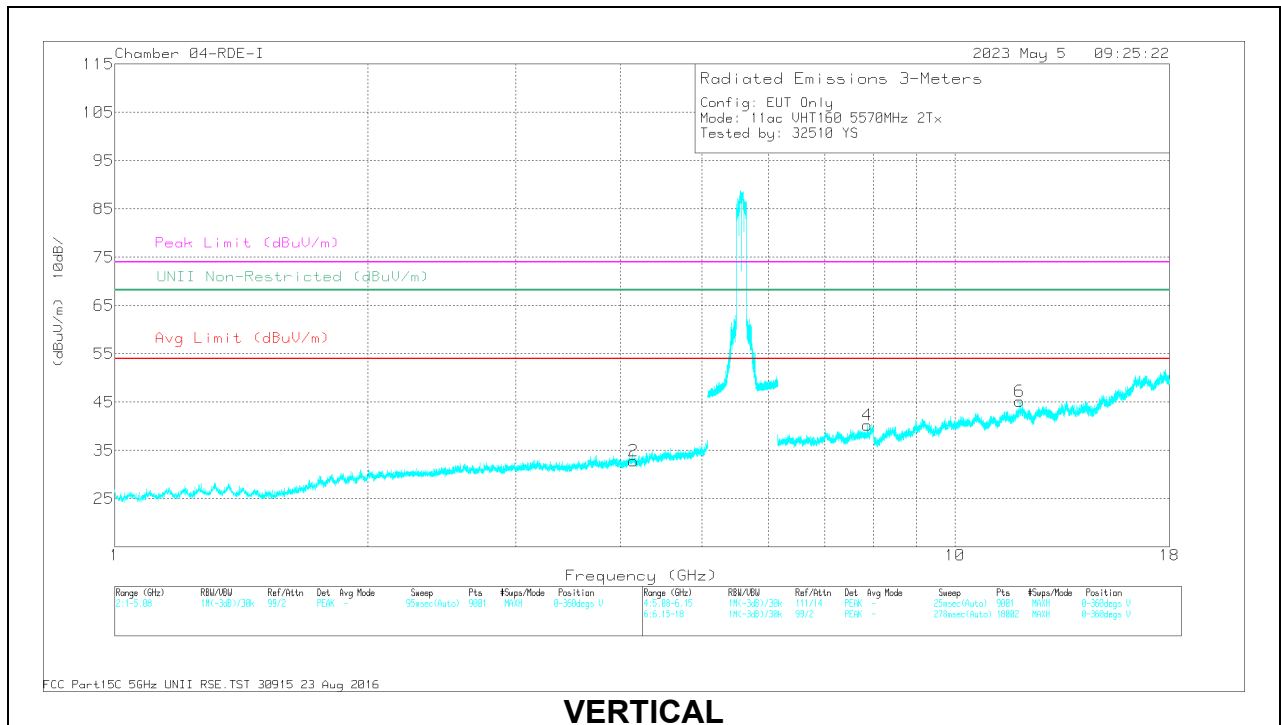
PK - Peak detector  
RMS - RMS detection

### 1.1.43. 5.6GHz, VHT160 2TX HARMONICS AND SPURIOUS EMISSIONS

#### LOW CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB) - 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	* 4.140304	37.75	PK-U	33.4	-27.7	0	43.45	-	-	74	-30.55	-	-	240	173	H
1	* 4.139455	26.3	ADR	33.4	-27.7	.33	32.33	54	-21.67	-	-	-	-	240	173	H
2	* 4.140172	38.22	PK-U	33.4	-27.7	0	43.92	-	-	74	-30.08	-	-	257	126	V
2	* 4.141758	26.09	ADR	33.4	-27.7	.33	32.12	54	-21.88	-	-	-	-	257	126	V
3	7.867904	33.39	PK-U	35.8	-21.2	0	47.99	-	-	-	-	68.2	-20.21	338	271	H
5	* 11.930854	32.45	PK-U	38.5	-18.2	0	52.75	-	-	74	-21.25	-	-	174	146	H
5	* 11.929163	20.96	ADR	38.5	-18.2	.33	41.59	54	-12.41	-	-	-	-	174	146	H
4	7.86587	34.11	PK-U	35.8	-21.3	0	48.61	-	-	-	-	68.2	-19.59	307	315	V
6	* 11.930922	32.39	PK-U	38.5	-18.2	0	52.69	-	-	74	-21.31	-	-	355	242	V
6	* 11.930644	20.43	ADR	38.5	-18.1	.33	41.16	54	-12.84	-	-	-	-	355	242	V

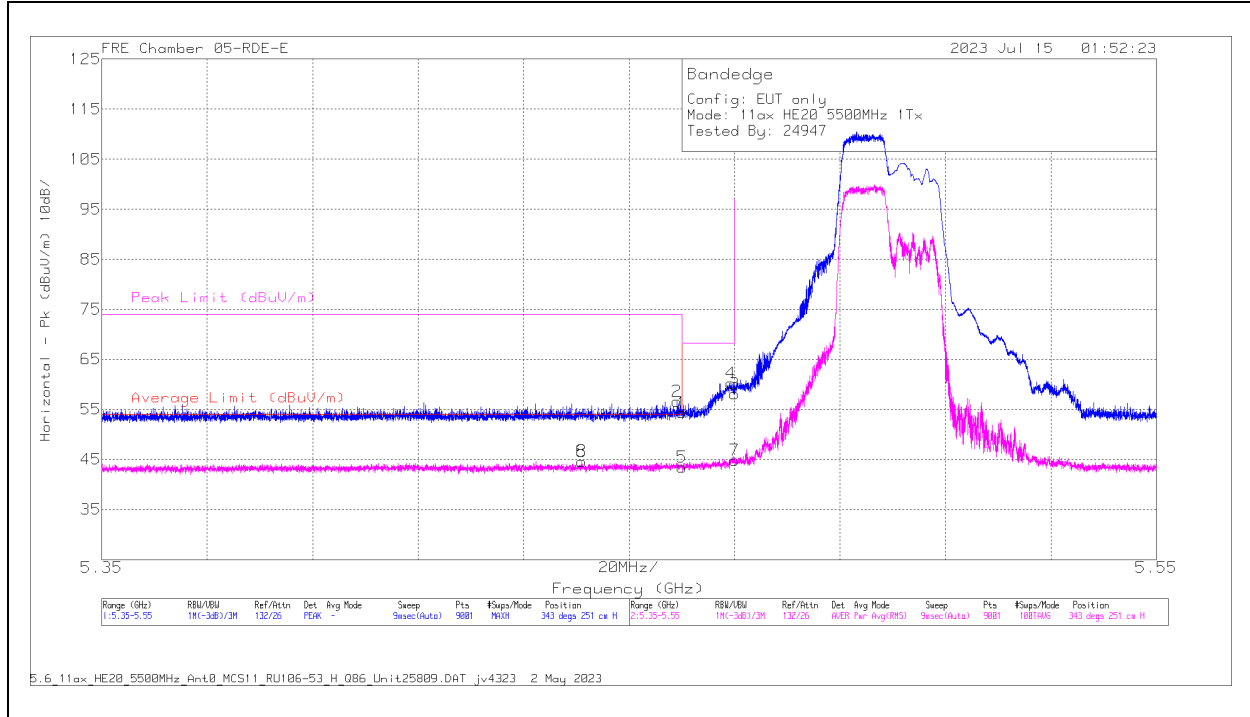
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

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

#### 1TX Antenna 6 MODE: 106-Tones, RU Index 53

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



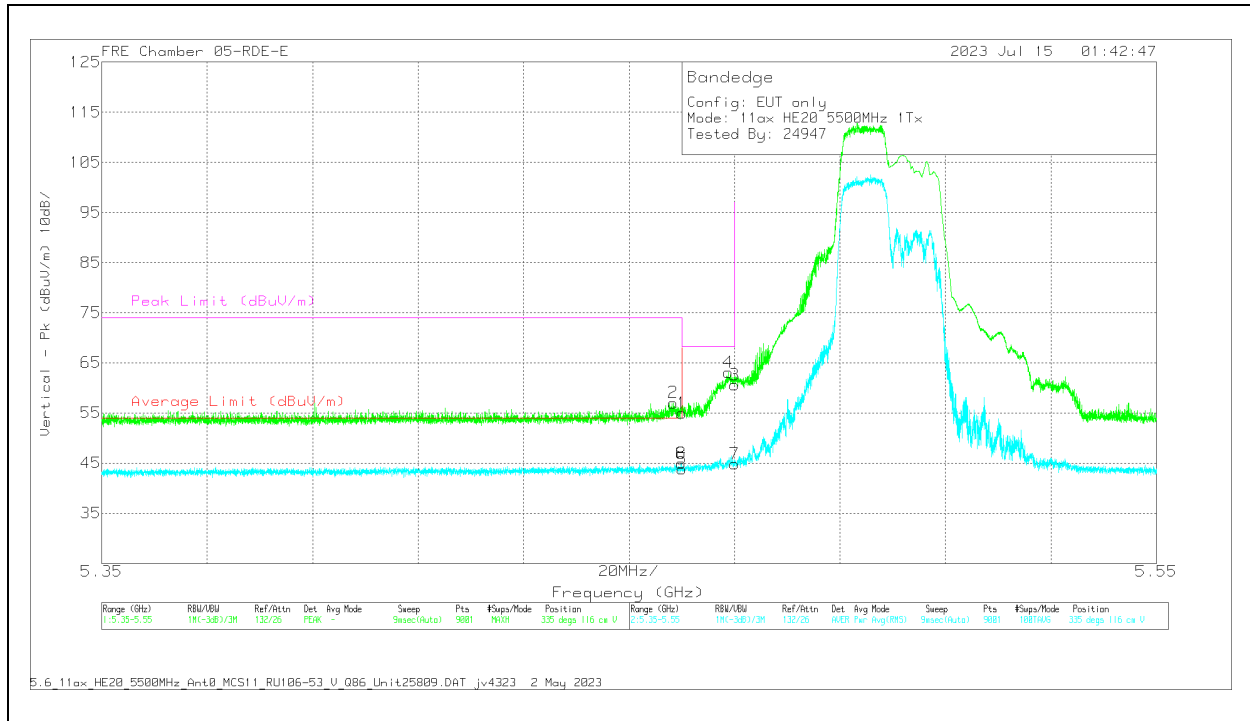
#### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	5.440977	47.89	RMS	34.8	0.56	-38.4	44.85	54	-9.15	-	-	343	251	H
8	5.440977	47.89	RMS	34.8	0.56	-38.4	44.85	54	-9.15	-	-	343	251	H
2	5.459088	60.06	PK	34.8	0	-38.3	56.56	-	-	74	-17.44	343	251	H
1	5.46	57.81	PK	34.8	0	-38.29	54.32	-	-	68.2	-13.88	343	251	H
5	5.46	46.59	RMS	34.8	0.56	-38.29	43.66	54	-10.34	-	-	343	251	H
4	5.469265	63.8	PK	34.8	0	-38.39	60.21	-	-	68.2	-7.99	343	251	H
3	5.47	61.73	PK	34.8	0	-38.39	58.14	-	-	68.2	-10.06	343	251	H
7	5.47	48.12	RMS	34.8	0.56	-38.39	45.09	-	-	-	-	343	251	H

PK - Peak detector

RMS - RMS detection

**VERTICAL RESULT**



**Trace Markers**

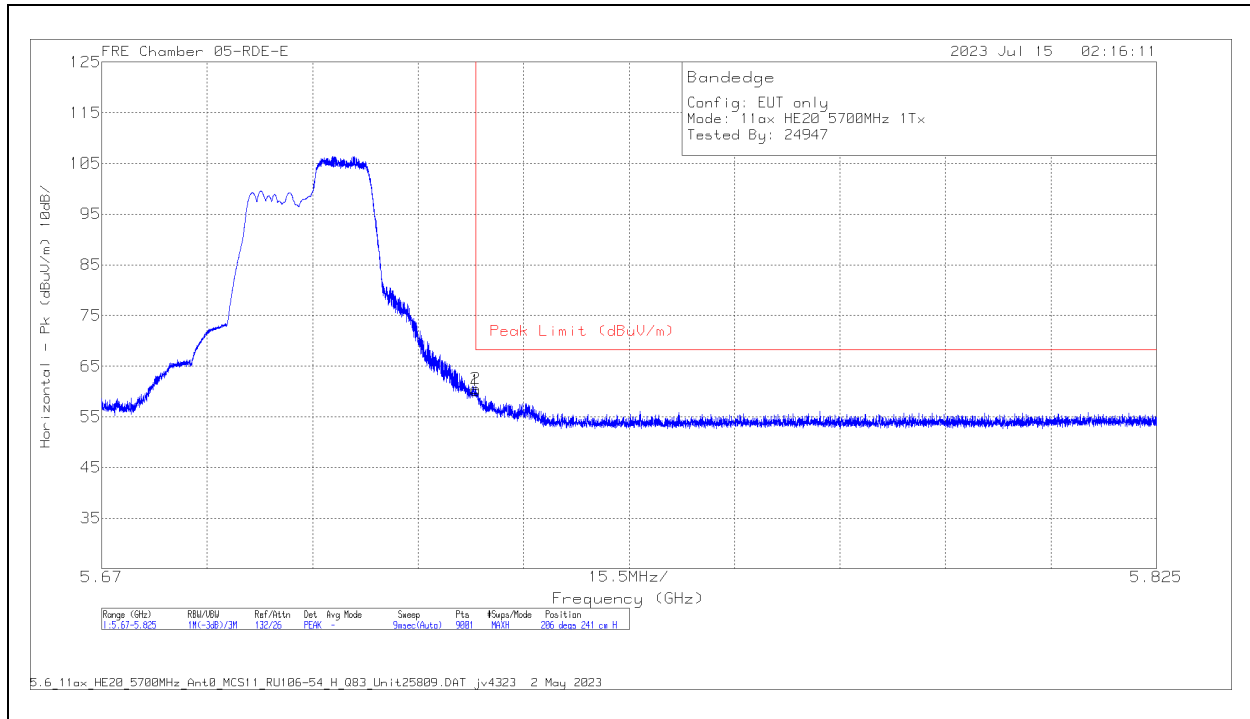
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.458421	60.55	Pk	34.8	0	-38.31	57.04	-	-	74	-16.96	335	116	V
6	5.459932	48.1	RMS	34.8	0.56	-38.29	45.17	54	-8.83	-	-	335	116	V
8	5.459932	48.1	RMS	34.8	0.56	-38.29	45.17	54	-8.83	-	-	335	116	V
1	5.46	58.5	Pk	34.8	0	-38.29	55.01	-	-	-	-	335	116	V
5	5.46	46.96	RMS	34.8	0.56	-38.29	44.03	54	-9.97	68.2	-13.19	335	116	V
4	5.468921	66.75	Pk	34.8	0	-38.39	63.16	-	-	68.2	-5.04	335	116	V
3	5.47	64.23	Pk	34.8	0	-38.39	60.64	-	-	68.2	-7.56	335	116	V
7	5.47	48.07	RMS	34.8	0.56	-38.39	45.04	-	-	-	-	335	116	V

PK - Peak detector  
RMS - RMS detection

**1TX Antenna 6 MODE: 106-Tones, RU Index 54**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

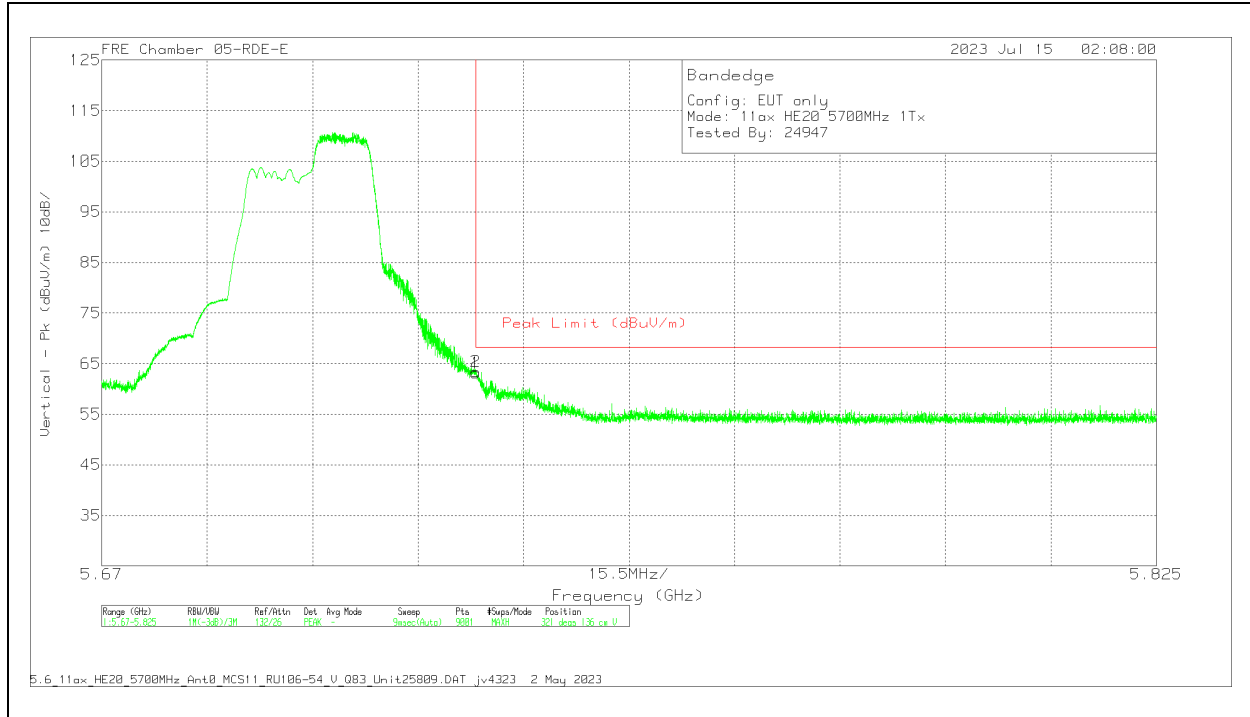


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	228671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	63.27	Pk	34.7	0	-37.78	60.19	68.2	-8.01	206	241	H
2	5.725007	63.68	Pk	34.7	0	-37.78	60.6	68.2	-7.6	206	241	H

Pk - Peak detector

**VERTICAL RESULT**



**Trace Markers**

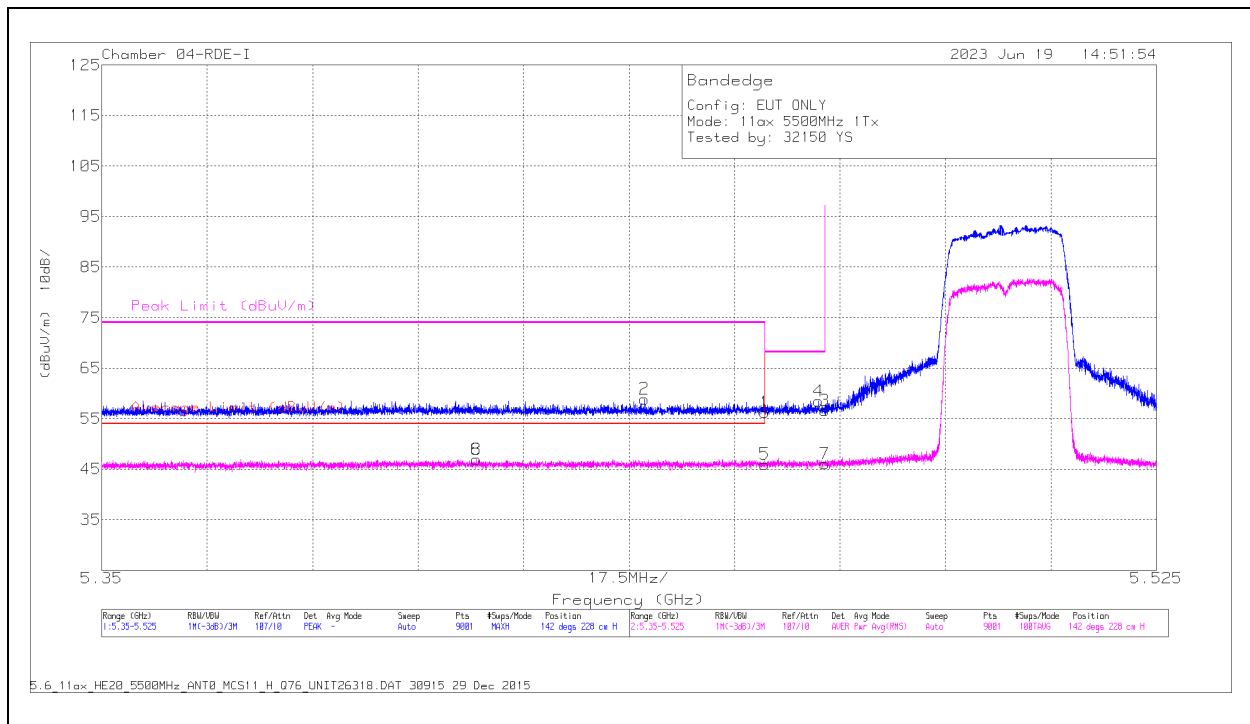
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	66.27	Pk	34.7	0	-37.78	63.19	68.2	-5.01	321	136	V
2	5.725007	66.53	Pk	34.7	0	-37.78	63.45	68.2	-4.75	321	136	V

Pk - Peak detector

**1TX Antenna 6 MODE: SU, Single User**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBu)	Det	84797 ACF (dB) - 3mH	Ch/Amp (dB)	DCCF (dB)	Corrected Reading (dBu/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.07	Pk	35.1	-15.9	0	56.27	-	-	68.2	-11.93	142	228	H
2	* 5.440026	39.72	Pk	35.1	-15.9	0	58.92	-	-	74	-15.08	142	228	H
3	5.47	37.62	Pk	35.1	-16.1	0	56.62	-	-	68.2	-11.58	142	228	H
4	5.468892	39.34	Pk	35.1	-16	0	58.44	-	-	68.2	-9.76	142	228	H
5	* 5.46	26.21	RMS	35.1	-15.9	0.61	46.02	54	-7.98	-	-	142	228	H
6	* 5.412162	27.24	RMS	35	-15.9	0.61	46.95	54	-7.05	-	-	142	228	H
7	5.47	26.44	RMS	35.1	-16.1	0.61	46.05	-	-	-	-	142	228	H
8	* 5.412162	27.24	RMS	35	-15.9	0.61	46.95	54	-7.05	-	-	142	228	H

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