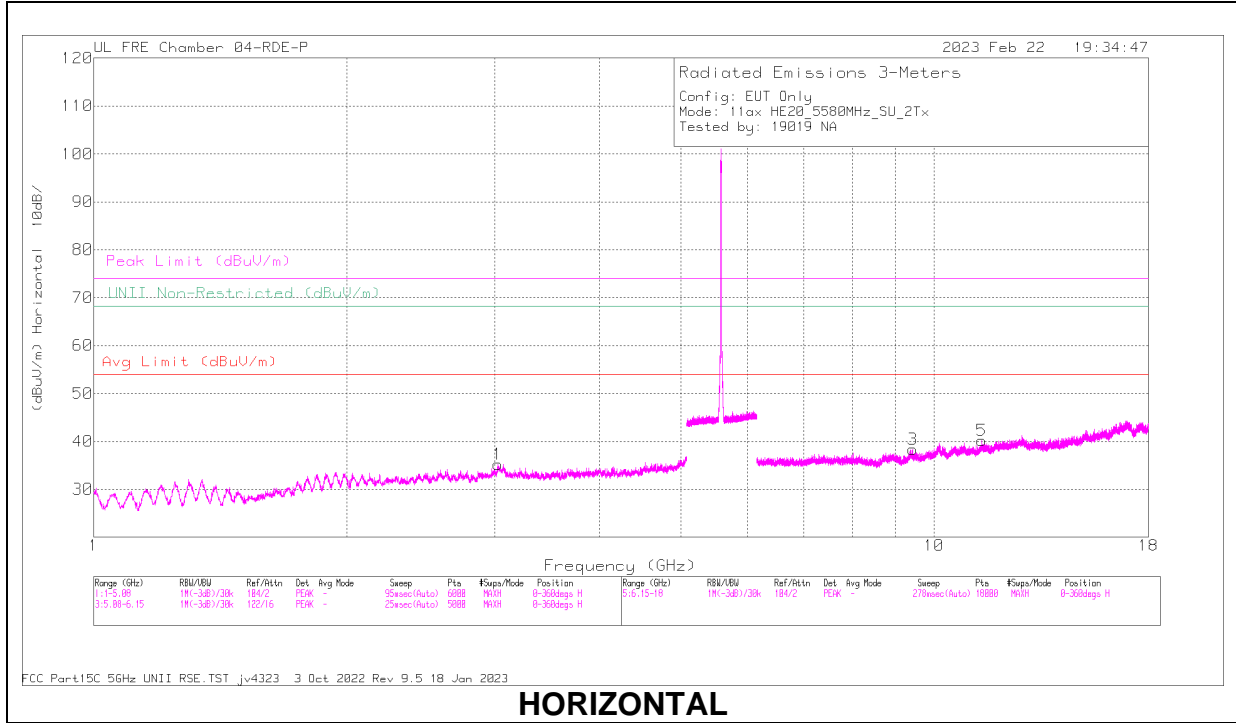
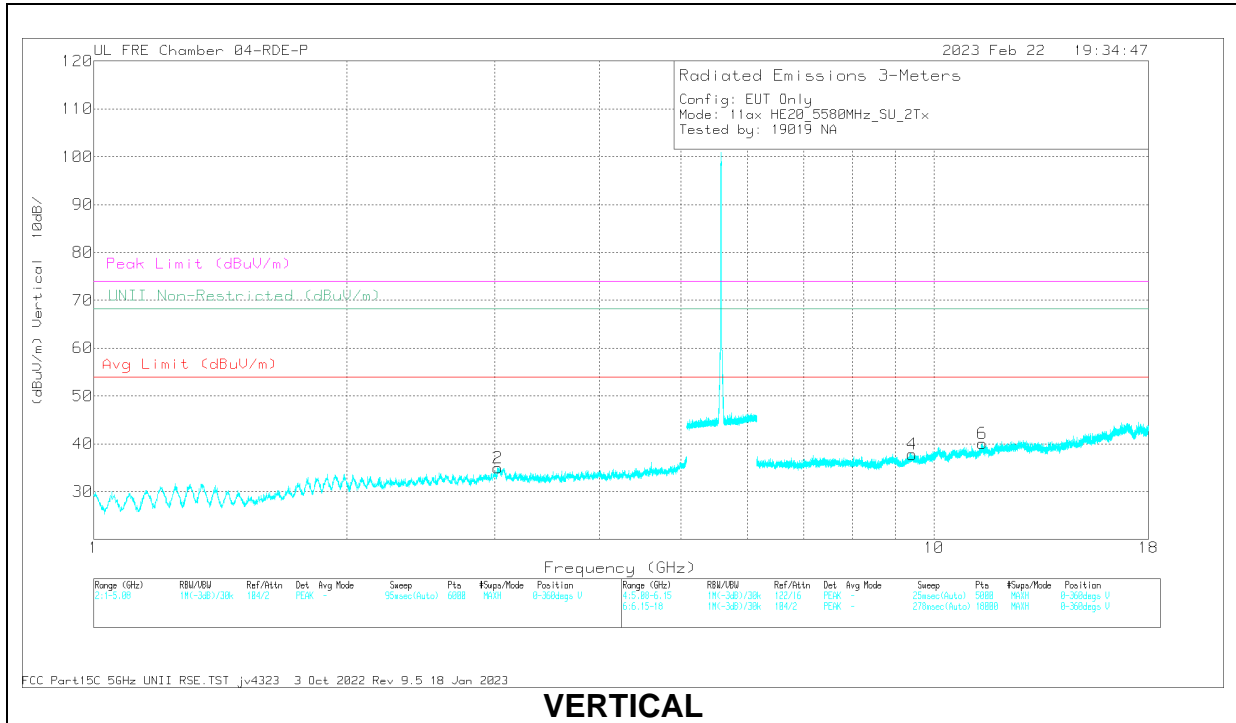


### MID CHANNEL RESULTS



### HORIZONTAL



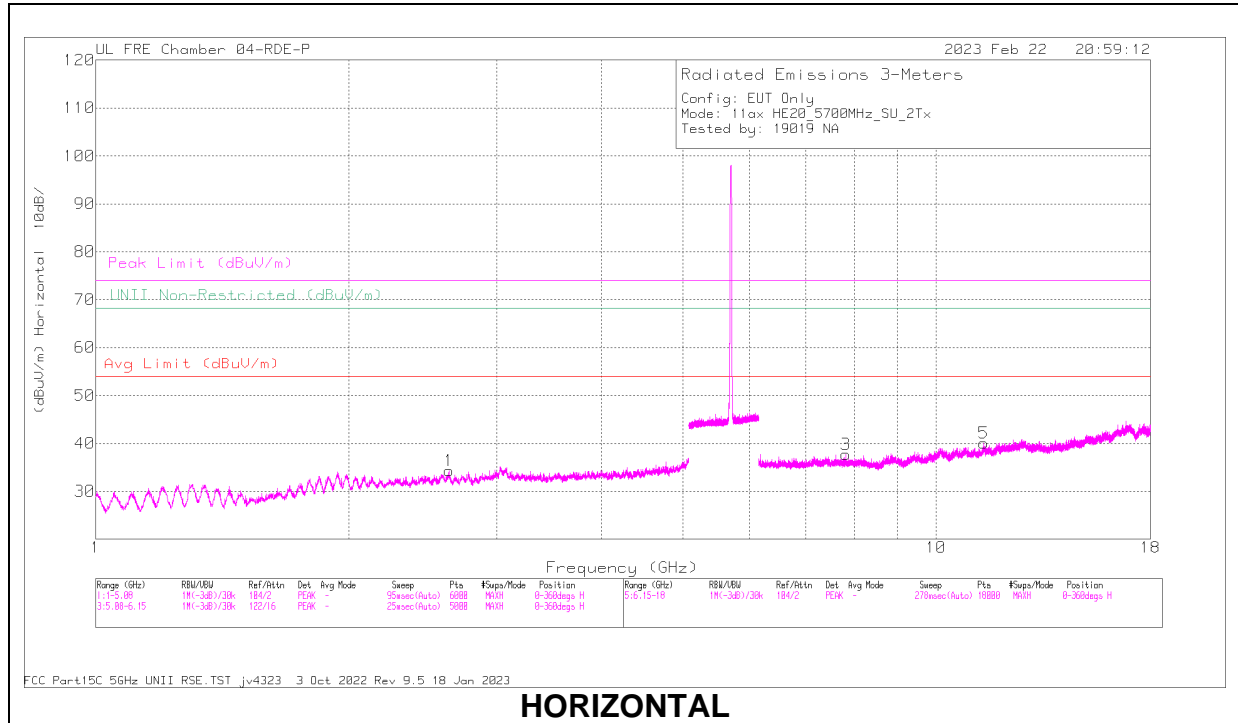
### VERTICAL

**RADIATED EMISSIONS**

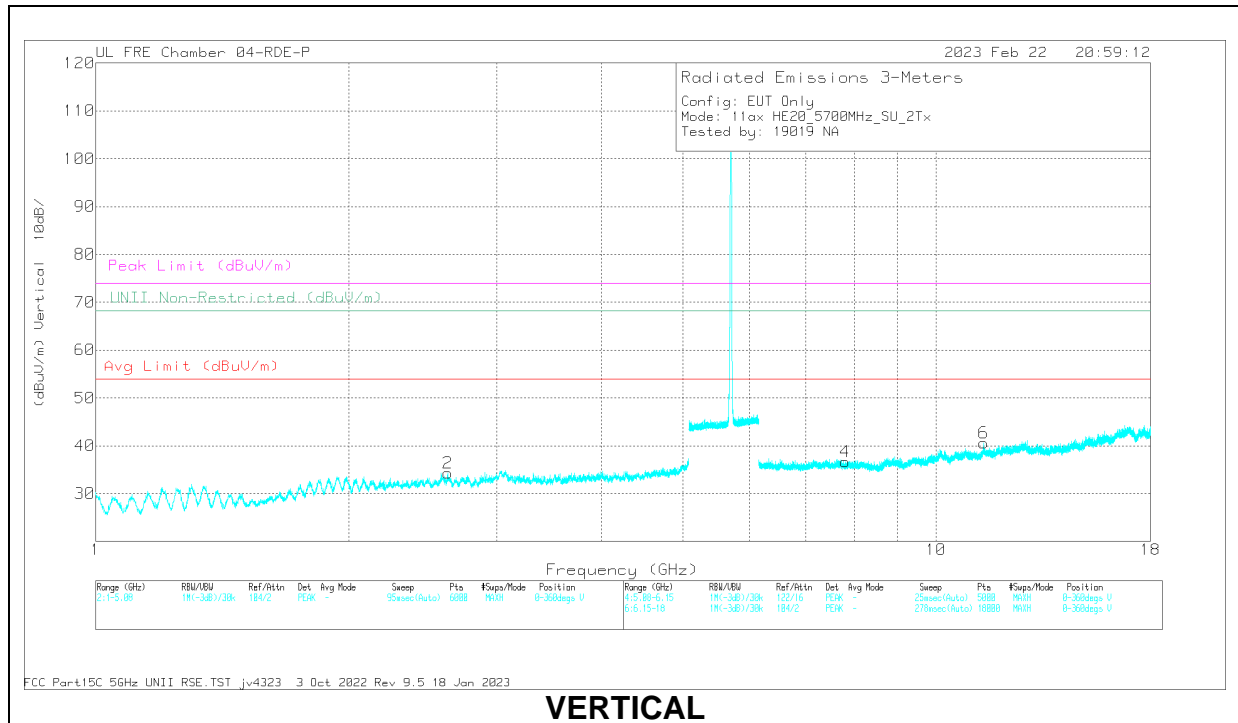
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	3.02927	59.48	PK-U	33.4	-47.8	45.08	-	-	-	-	68.2	-23.12	195	210	H
1	3.03014	59.97	PK-U	33.4	-47.81	45.56	-	-	-	-	68.2	-22.64	277	296	V
4	9.417836	55.98	PK-U	36.4	-44.27	48.11	-	-	74	-25.89	-	-	231	241	V
	9.416452	43.99	ADR	36.4	-44.25	36.14	54	-17.86	-	-	-	-	231	241	V
3	9.43806	55.81	PK-U	36.4	-44.5	47.71	-	-	74	-26.29	-	-	349	175	H
	9.436703	44.3	ADR	36.4	-44.53	36.17	54	-17.83	-	-	-	-	349	175	H
5	11.404339	54.8	PK-U	38	-42.88	49.92	-	-	74	-24.08	-	-	294	312	H
	11.406352	42.76	ADR	38	-42.95	37.81	54	-16.19	-	-	-	-	294	312	H
6	11.421711	53.96	PK-U	38	-42.86	49.1	-	-	74	-24.9	-	-	121	138	V
	11.4227	42.54	ADR	38	-42.87	37.67	54	-16.33	-	-	-	-	121	138	V

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

### HIGH CHANNEL RESULTS



**HORIZONTAL**



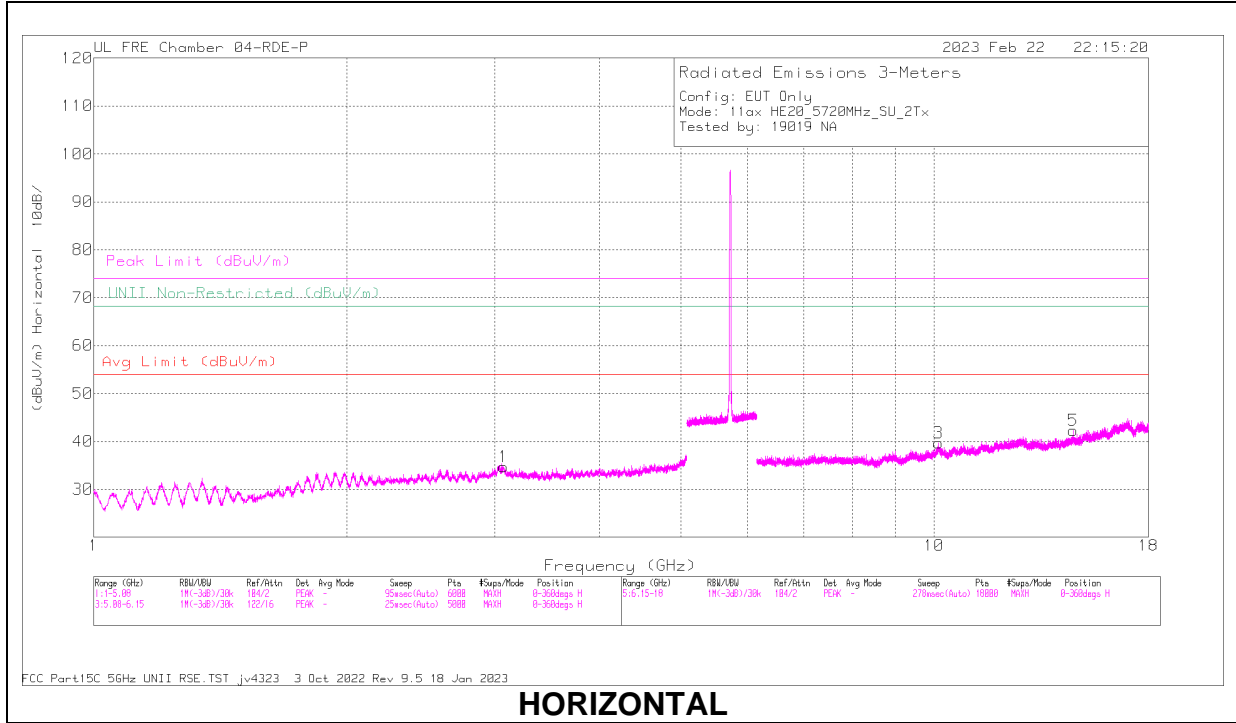
**VERTICAL**

**RADIATED EMISSIONS**

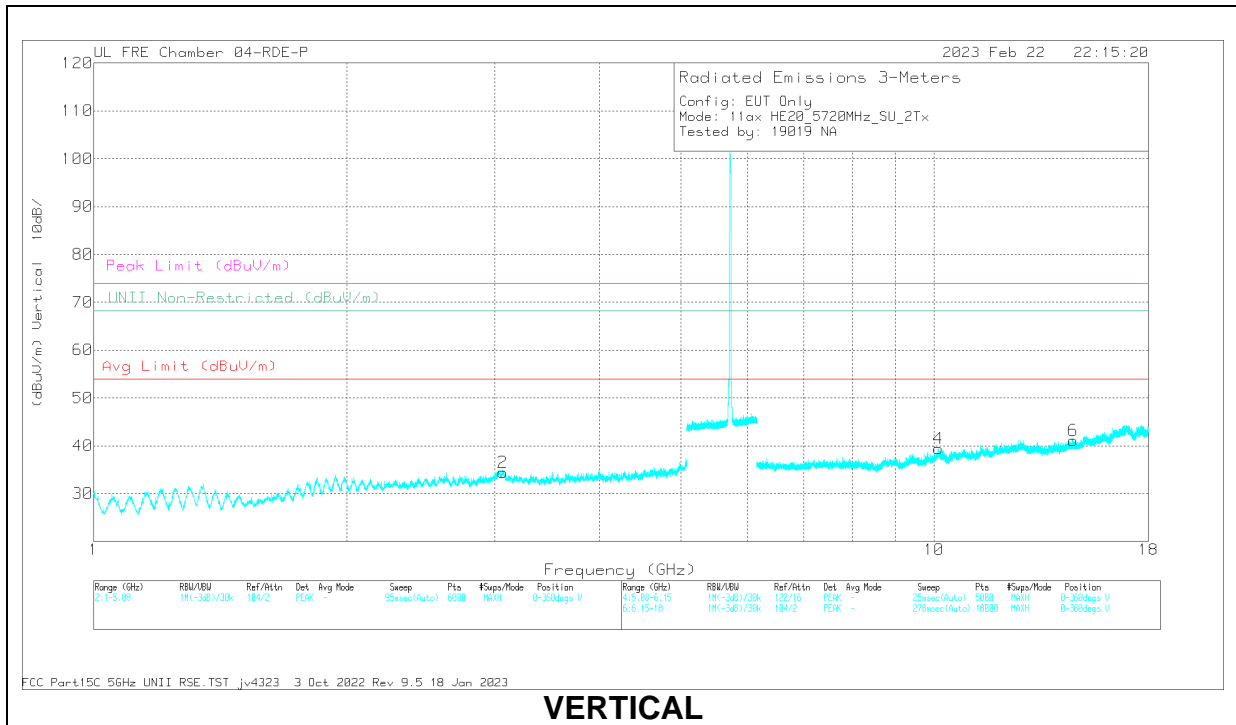
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	2.624419	60.46	PK-U	32.3	-48.98	43.78	-	-	-	-	68.2	-24.42	158	280	V
1	2.635414	60.23	PK-U	32.3	-48.95	43.58	-	-	-	-	68.2	-24.62	192	225	H
4	7.80041	56.63	PK-U	35.7	-45.88	46.45	-	-	-	-	68.2	-21.75	123	147	V
3	7.811476	56.89	PK-U	35.7	-45.85	46.74	-	-	-	-	68.2	-21.46	78	262	H
5	11.399525	54.44	PK-U	38	-42.89	49.55	-	-	74	-24.45	-	-	247	268	H
	11.401443	42.9	ADR	38	-42.88	38.02	54	-15.98	-	-	-	-	247	268	H
6	11.404393	54.2	PK-U	38	-42.88	49.32	-	-	74	-24.68	-	-	240	190	V
	11.404054	42.68	ADR	38	-42.89	37.79	54	-16.21	-	-	-	-	240	190	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 144 RESULTS



### HORIZONTAL



### VERTICAL

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	3.067646	58.06	PK-U	33.5	-47.04	44.52	68.2	-23.68	330	127	V
1	3.076495	58.66	PK-U	33.6	-47.02	45.24	68.2	-22.96	193	252	H
3	10.126893	58.48	PK-U	37.2	-46.27	49.41	68.2	-18.79	172	115	H
4	10.128167	58.53	PK-U	37.2	-46.28	49.45	68.2	-18.75	125	315	V
5	14.63826	55.17	PK-U	39.2	-43.18	51.19	68.2	-17.01	276	351	H
6	14.650119	54.84	PK-U	39.3	-43.36	50.78	68.2	-17.42	102	290	V

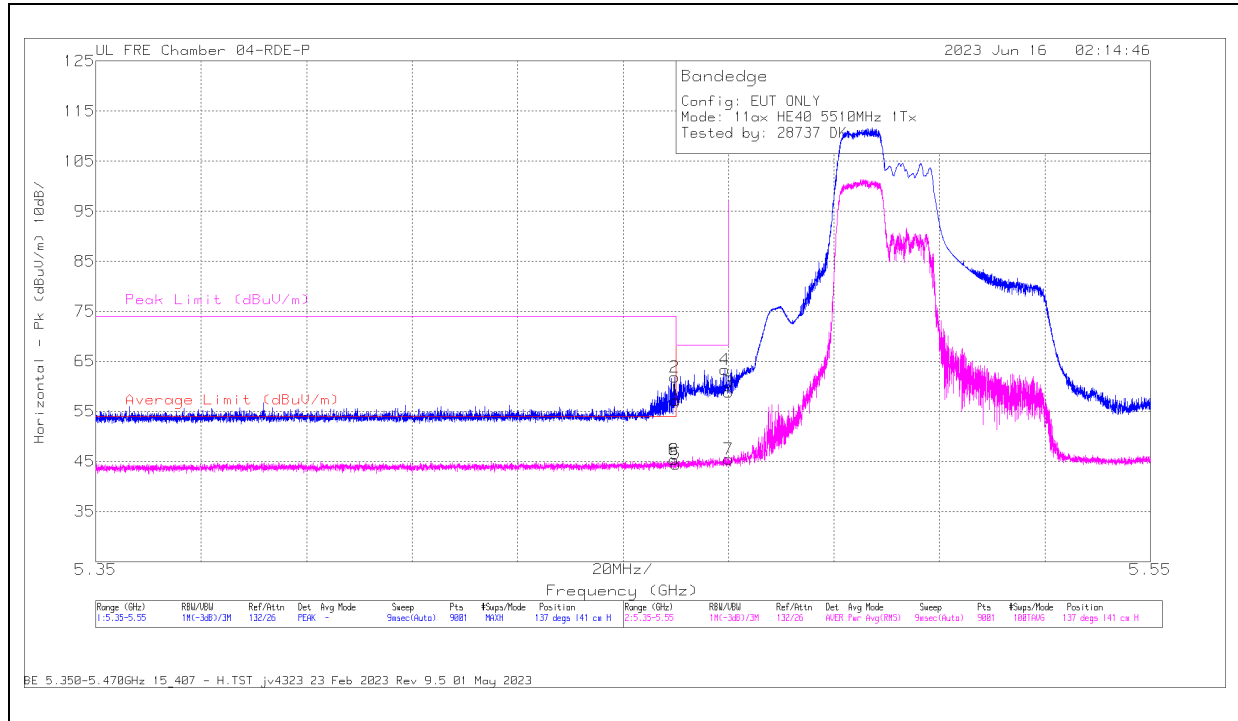
PK-U - U-NII: Maximum Peak

**1.1.11. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.6GHz BAND**

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

**BANDEDGE (LOW CHANNEL)**

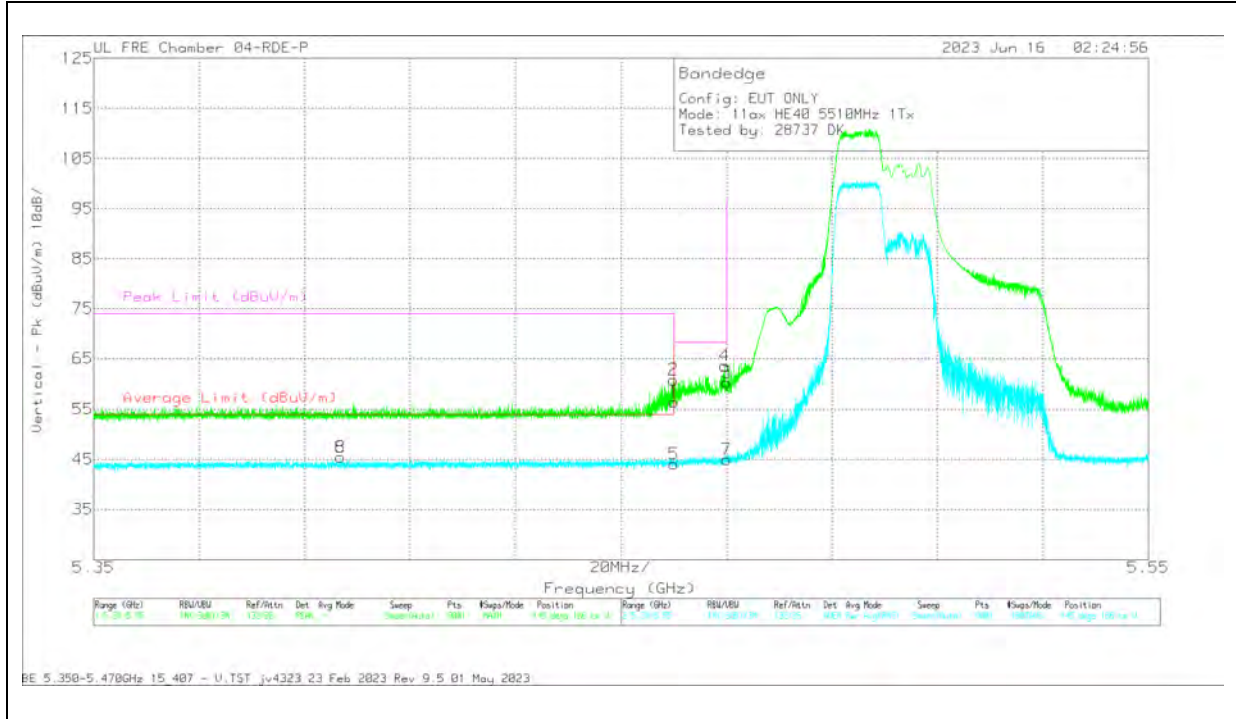
**HORIZONTAL RESULT**



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	5.459621	48.02	RMS	34.4	.55	-37.93	45.04	54	-8.96	-	-	137	141	H
8	5.459621	48.02	RMS	34.4	.55	-37.93	45.04	54	-8.96	-	-	137	141	H
2	5.459754	65.34	PK	34.4	0	-37.94	61.8	-	-	74	-12.2	137	141	H
1	5.46	60.78	PK	34.4	0	-37.94	57.24	-	-	68.2	-10.96	137	141	H
5	5.46	47.21	RMS	34.4	.55	-37.94	44.22	54	-9.78	-	-	137	141	H
4	5.469332	66.78	PK	34.4	0	-37.8	63.38	-	-	68.2	-4.82	137	141	H
3	5.47	62.26	PK	34.4	0	-37.77	58.89	-	-	68.2	-9.31	137	141	H
7	5.47	48.03	RMS	34.4	.55	-37.77	45.21	-	-	-	-	137	141	H

PK - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT



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	5.396866	48.26	RMS	34.4	.55	-38.07	45.14	54	-8.86	-	-	145	166	V
8	5.396866	48.26	RMS	34.4	.55	-38.07	45.14	54	-8.86	-	-	145	166	V
2	5.459866	64.39	Pk	34.4	0	-37.94	60.85	-	-	74	-13.15	145	166	V
1	5.46	60.07	Pk	34.4	0	-37.94	56.53	-	-	68.2	-11.67	145	166	V
5	5.46	46.72	RMS	34.4	.55	-37.94	43.73	54	-10.27	-	-	145	166	V
4	5.469643	67.05	Pk	34.4	0	-37.79	63.66	-	-	68.2	-4.54	145	166	V
3	5.47	63.68	Pk	34.4	0	-37.77	60.31	-	-	68.2	-7.89	145	166	V
7	5.47	47.52	RMS	34.4	.55	-37.77	44.70	-	-	-	-	145	166	V

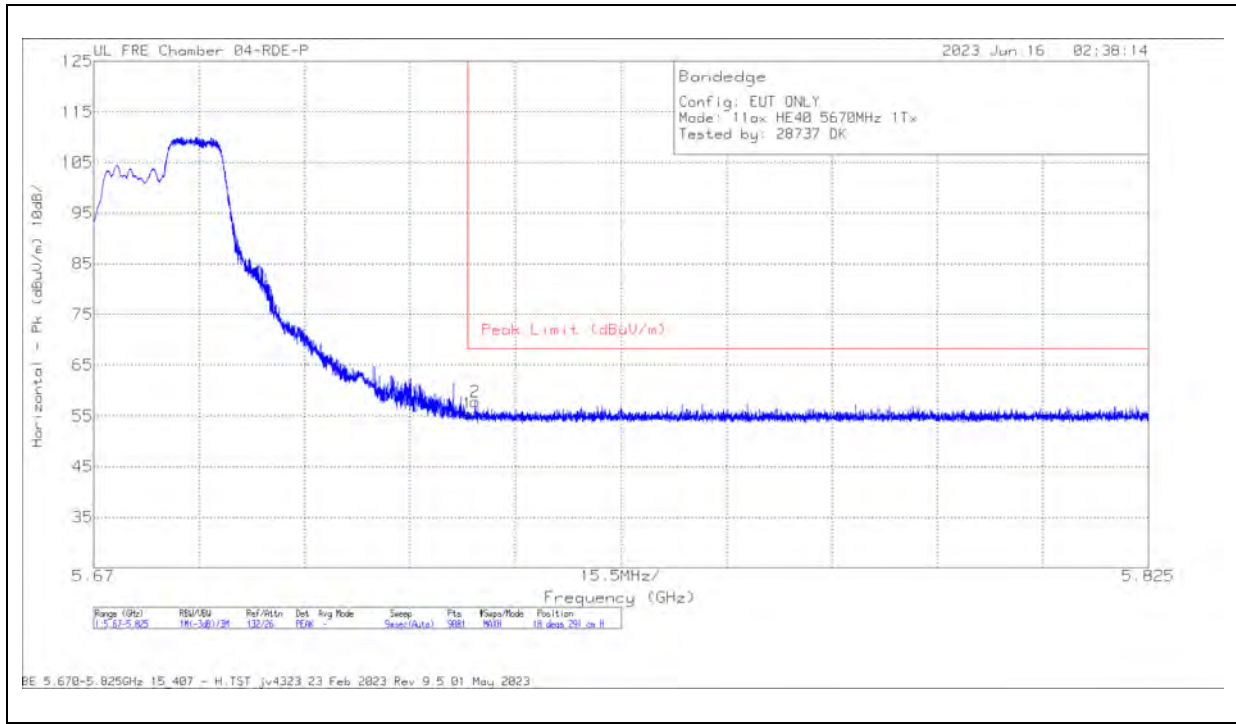
Pk - Peak detector  
 RMS - RMS detection



**1TX Antenna 6 MODE: 106-Tone, RU Index 56**

**BANDEDGE (HIGH CHANNEL)**

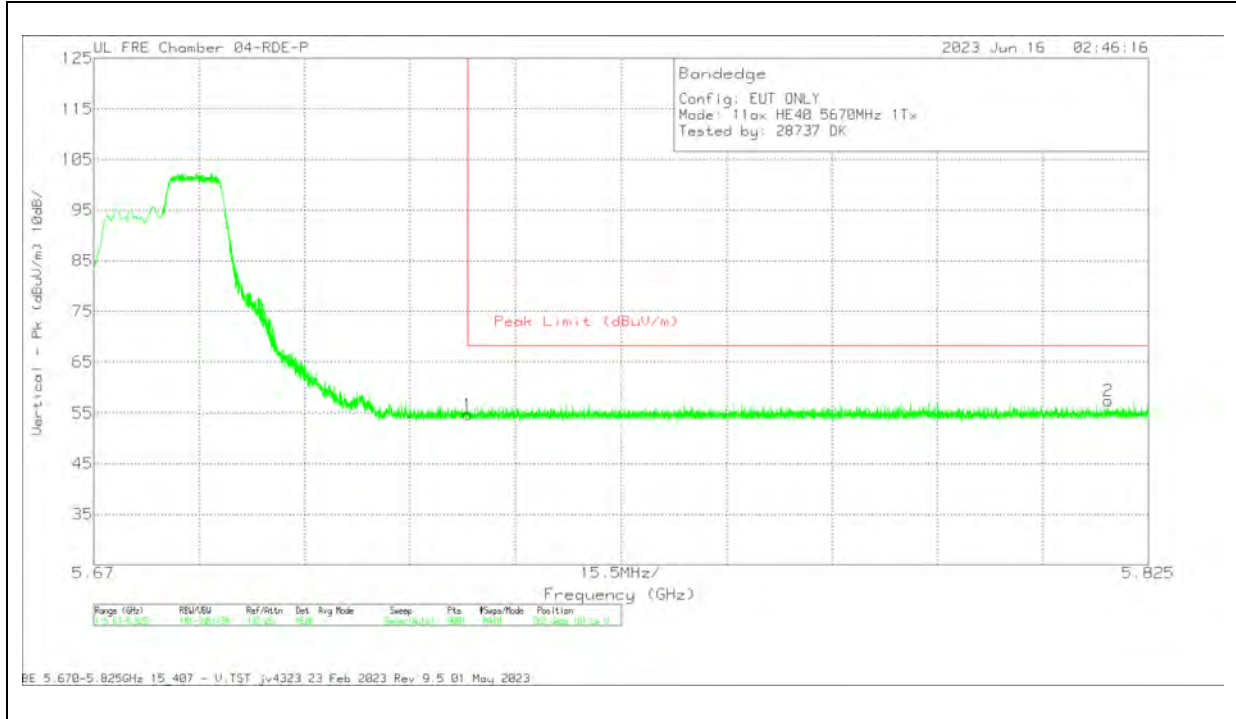
**HORIZONTAL RESULT**



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	58.06	Pk	34.5	0	-37.07	55.49	68.2	-12.71	18	291	H
2	5.726109	60.45	Pk	34.5	0	-37.06	57.89	68.2	-10.31	18	291	H

Pk - Peak detector

### VERTICAL RESULT



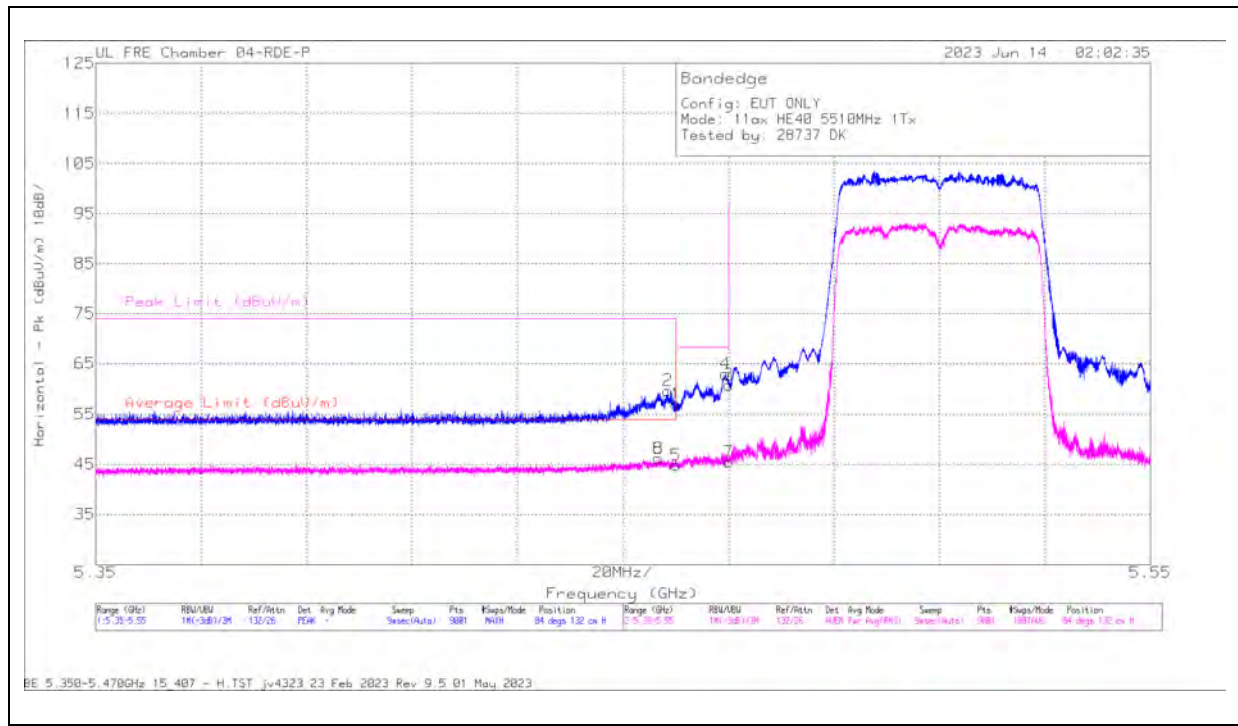
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	57.34	Pk	34.5	0	-37.07	54.77	68.2	-13.43	262	161	V
2	5.819125	59.5	Pk	34.6	0	-36.65	57.45	68.2	-10.75	262	161	V

Pk - Peak detector

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

**BANDEDGE (LOW CHANNEL)**

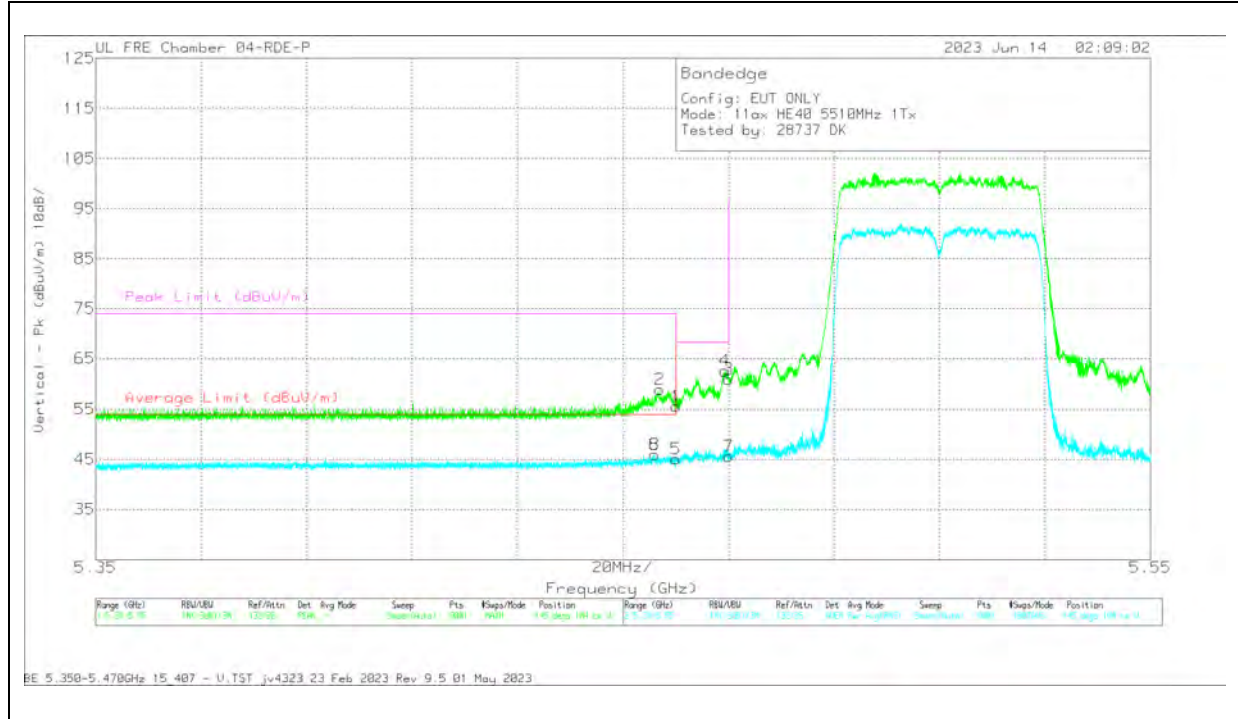
**HORIZONTAL RESULT**



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	5.45671	48.8	RMS	34.4	.86	-37.9	46.16	54	-7.84	-	-	84	132	H
8	5.45671	48.8	RMS	34.4	.86	-37.9	46.16	54	-7.84	-	-	84	132	H
2	5.458466	63.24	Pk	34.4	0	-37.9	59.74	-	-	74	-14.26	84	132	H
1	5.46	60.6	Pk	34.4	0	-37.94	57.06	-	-	68.2	-11.14	84	132	H
5	5.46	47.58	RMS	34.4	.86	-37.94	44.9	54	-9.1	-	-	84	132	H
4	5.469443	66.33	Pk	34.4	0	-37.8	62.93	-	-	68.2	-5.27	84	132	H
3	5.47	64.2	Pk	34.4	0	-37.77	60.83	-	-	68.2	-7.37	84	132	H
7	5.47	48.03	RMS	34.4	.86	-37.77	45.52	-	-	-	-	84	132	H

Pk - Peak detector  
RMS - RMS detection

### VERTICAL RESULT

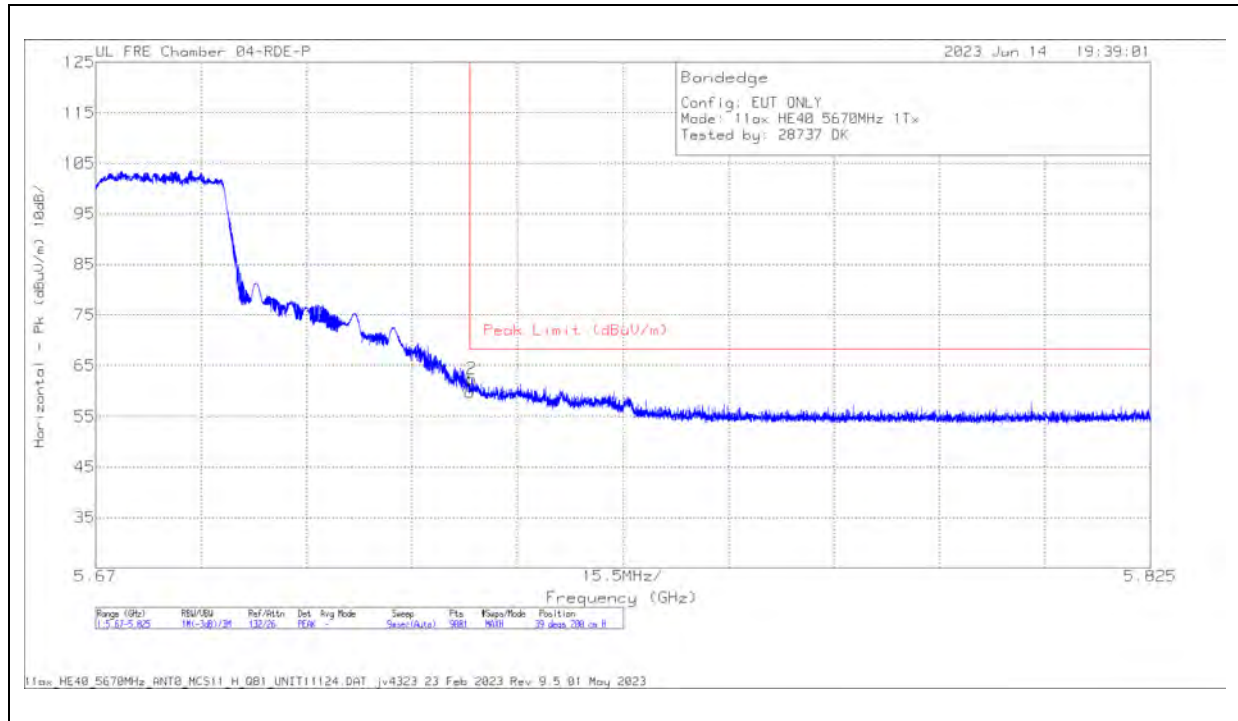


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	5.455999	48.57	RMS	34.4	.86	-37.92	45.91	54	-8.09	-	-	145	104	V
8	5.455999	48.57	RMS	34.4	.86	-37.92	45.91	54	-8.09	-	-	145	104	V
2	5.456977	62.5	Pk	34.4	0	-37.89	59.01	-	-	74	-14.99	145	104	V
1	5.46	59.16	Pk	34.4	0	-37.94	55.62	-	-	68.2	-12.58	145	104	V
5	5.46	47.76	RMS	34.4	.86	-37.94	45.08	54	-8.92	-	-	145	104	V
4	5.469265	65.98	Pk	34.4	0	-37.81	62.57	-	-	68.2	-5.63	145	104	V
3	5.47	64.31	Pk	34.4	0	-37.77	60.94	-	-	68.2	-7.26	145	104	V
7	5.47	48.05	RMS	34.4	.86	-37.77	45.54	-	-	-	-	145	104	V

Pk - Peak detector  
 RMS - RMS detection

**BANDEDGE (HIGH CHANNEL)**

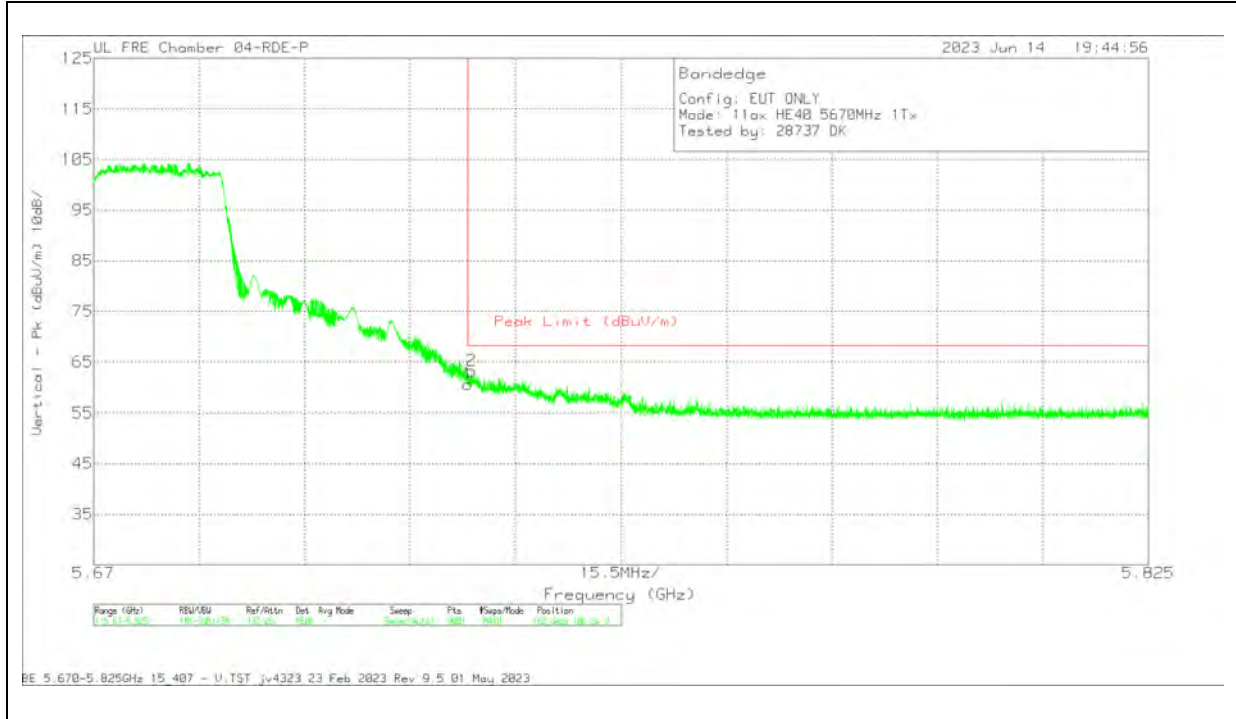
**HORIZONTAL RESULT**



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	62.4	Pk	34.5	0	-37.07	59.83	68.2	-8.37	39	200	H
2	5.725248	64.96	Pk	34.5	0	-37.07	62.39	68.2	-5.81	39	200	H

Pk - Peak detector

### VERTICAL RESULT



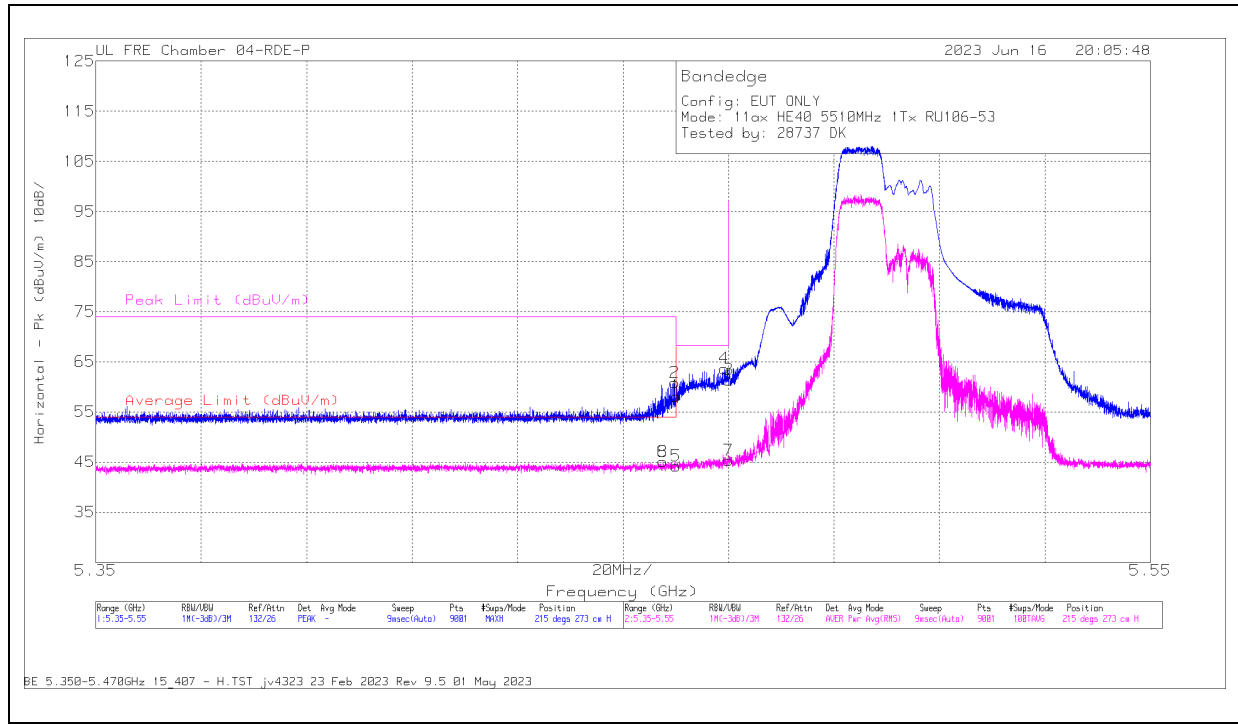
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	63.26	Pk	34.5	0	-37.07	60.69	68.2	-7.51	162	106	V
2	5.725489	65.81	Pk	34.5	0	-37.07	63.24	68.2	-4.96	162	106	V

Pk - Peak detector

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

**BANDEDGE (LOW CHANNEL)**

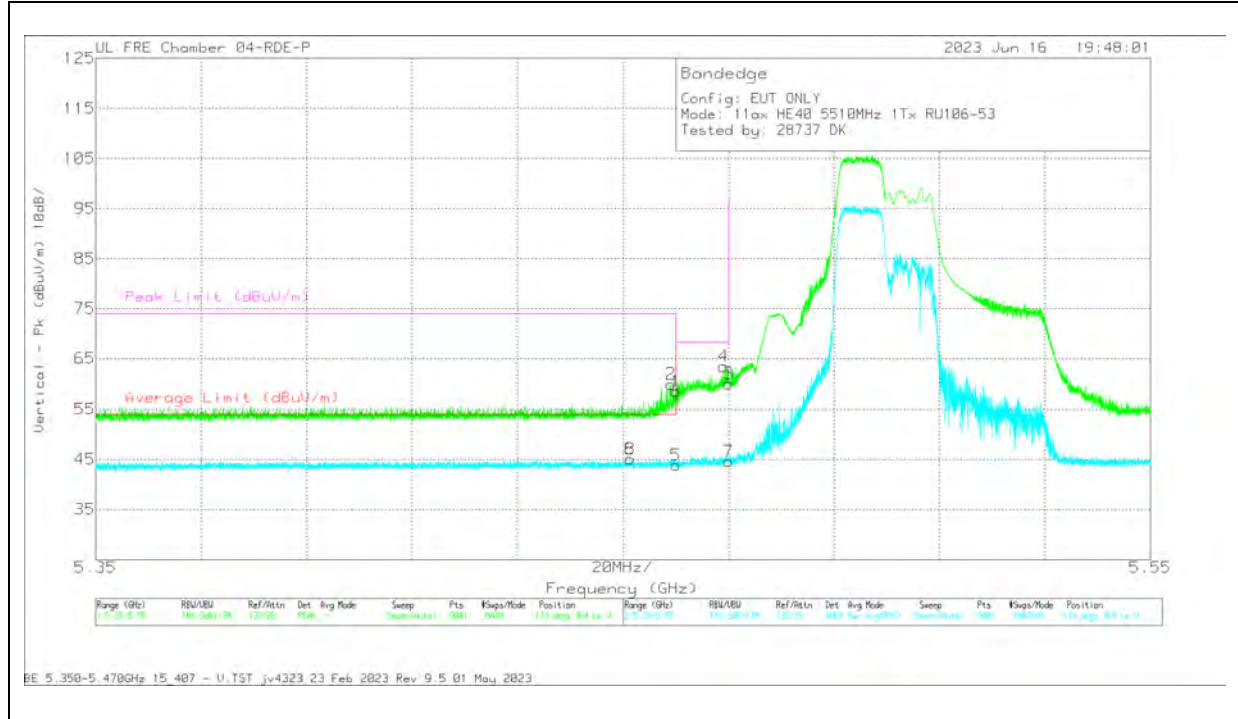
**HORIZONTAL RESULT**



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	5.45751	47.7	RMS	34.4	.55	-37.89	44.76	54	-9.24	-	-	215	273	H
8	5.45751	47.7	RMS	34.4	.55	-37.89	44.76	54	-9.24	-	-	215	273	H
2	5.459754	64.34	Pk	34.4	0	-37.94	60.8	-	-	74	-13.2	215	273	H
1	5.46	61.7	Pk	34.4	0	-37.94	58.16	-	-	68.2	-10.04	215	273	H
5	5.46	46.85	RMS	34.4	.55	-37.94	43.86	54	-10.14	-	-	215	273	H
4	5.469177	67.08	Pk	34.4	0	-37.81	63.67	-	-	68.2	-4.53	215	273	H
3	5.47	64.79	Pk	34.4	0	-37.77	61.42	-	-	68.2	-6.78	215	273	H
7	5.47	47.84	RMS	34.4	.55	-37.77	45.02	-	-	-	-	215	273	H

Pk - Peak detector  
RMS - RMS detection

### VERTICAL RESULT



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	5.451399	47.77	RMS	34.4	.55	-37.93	44.79	54	-9.21	-	-	133	364	V
8	5.451399	47.77	RMS	34.4	.55	-37.93	44.79	54	-9.21	-	-	133	364	V
2	5.459066	63.48	Pk	34.4	0	-37.92	59.96	-	-	74	-14.04	133	364	V
1	5.46	62.16	Pk	34.4	0	-37.94	58.62	-	-	68.2	-9.58	133	364	V
5	5.46	46.56	RMS	34.4	.55	-37.94	43.57	54	-10.43	-	-	133	364	V
4	5.469021	66.95	Pk	34.4	0	-37.82	63.53	-	-	68.2	-4.67	133	364	V
3	5.47	63.44	Pk	34.4	0	-37.77	60.07	-	-	68.2	-8.13	133	364	V
7	5.47	47.13	RMS	34.4	.55	-37.77	44.31	-	-	-	-	133	364	V

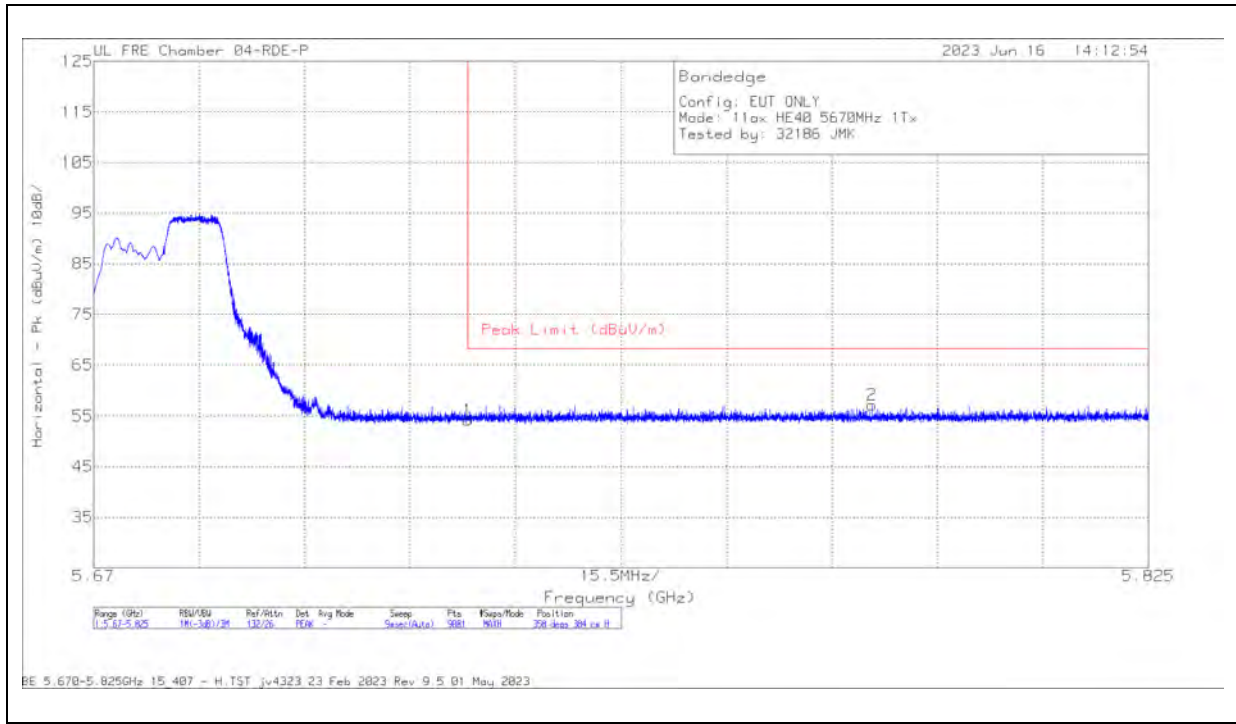
Pk - Peak detector  
RMS - RMS detection



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

**BANDEDGE (HIGH CHANNEL)**

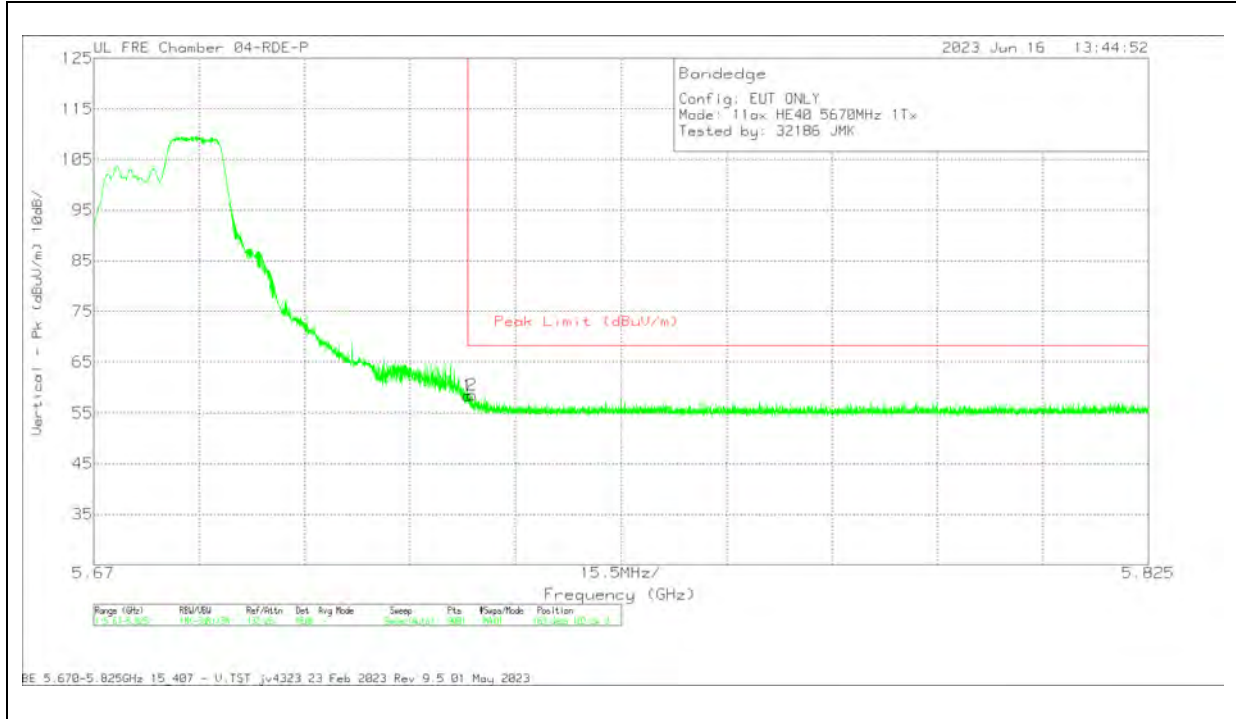
**HORIZONTAL RESULT**



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	56.88	Pk	34.5	0	-37.07	54.31	68.2	-13.89	358	384	H
2	5.784389	59.44	Pk	34.6	0	-36.83	57.21	68.2	-10.99	358	384	H

Pk - Peak detector

### VERTICAL RESULT



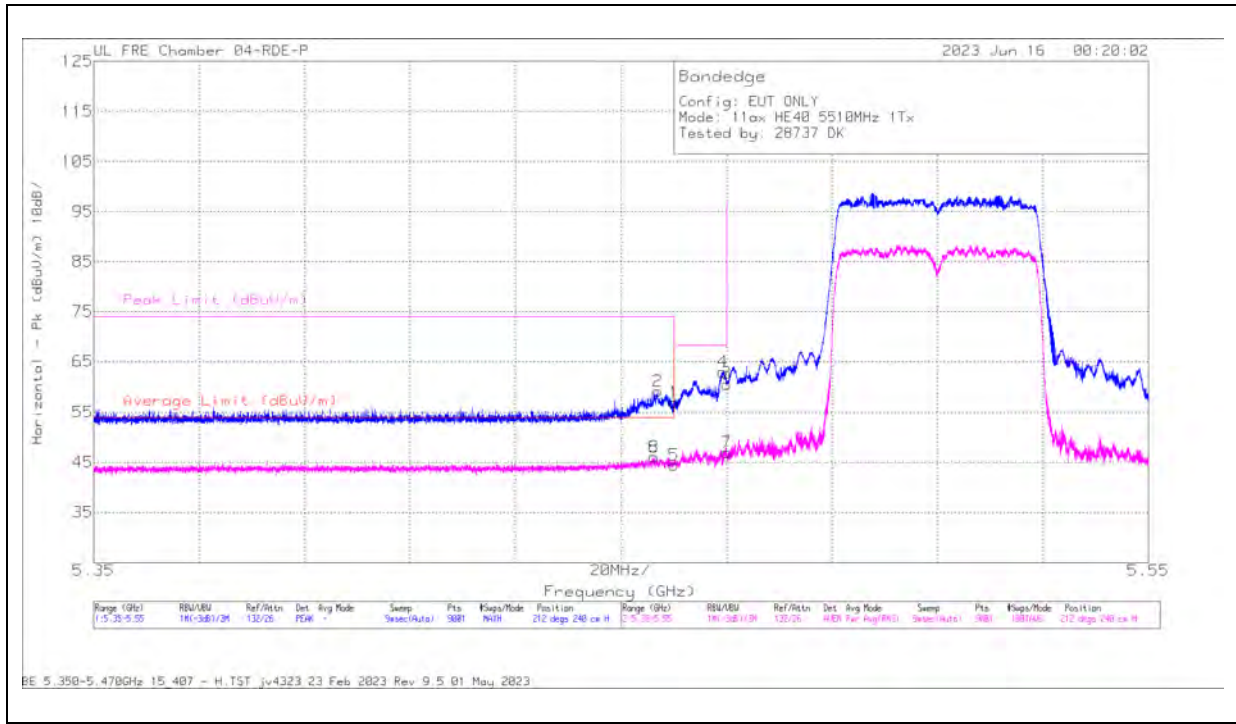
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	61.02	Pk	34.5	0	-37.07	58.45	68.2	-9.75	163	103	V
2	5.725575	61.2	Pk	34.5	0	-37.06	58.64	68.2	-9.56	163	103	V

Pk - Peak detector

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

**BANDEDGE (LOW CHANNEL)**

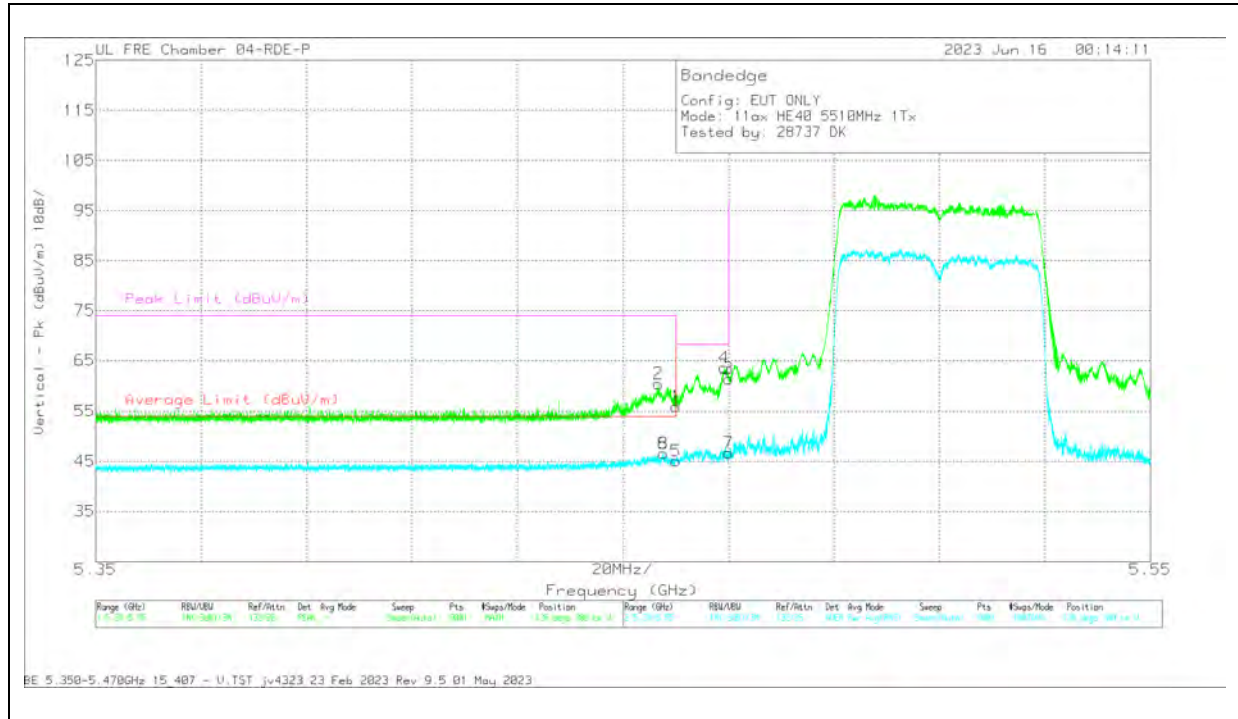
**HORIZONTAL RESULT**



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	5.456177	48.72	RMS	34.4	.86	-37.91	46.07	54	-7.93	-	-	212	240	H
8	5.456177	48.72	RMS	34.4	.86	-37.91	46.07	54	-7.93	-	-	212	240	H
2	5.456932	62.73	Pk	34.4	0	-37.89	59.24	-	-	74	-14.76	212	240	H
1	5.46	60.56	Pk	34.4	0	-37.94	57.02	-	-	68.2	-11.18	212	240	H
5	5.46	47.1	RMS	34.4	.86	-37.94	44.42	54	-9.58	-	-	212	240	H
4	5.469332	66.39	Pk	34.4	0	-37.8	62.99	-	-	68.2	-5.21	212	240	H
3	5.47	64.04	Pk	34.4	0	-37.77	60.67	-	-	68.2	-7.53	212	240	H
7	5.47	49.42	RMS	34.4	.86	-37.77	46.91	-	-	-	-	212	240	H

Pk - Peak detector  
RMS - RMS detection

### VERTICAL RESULT

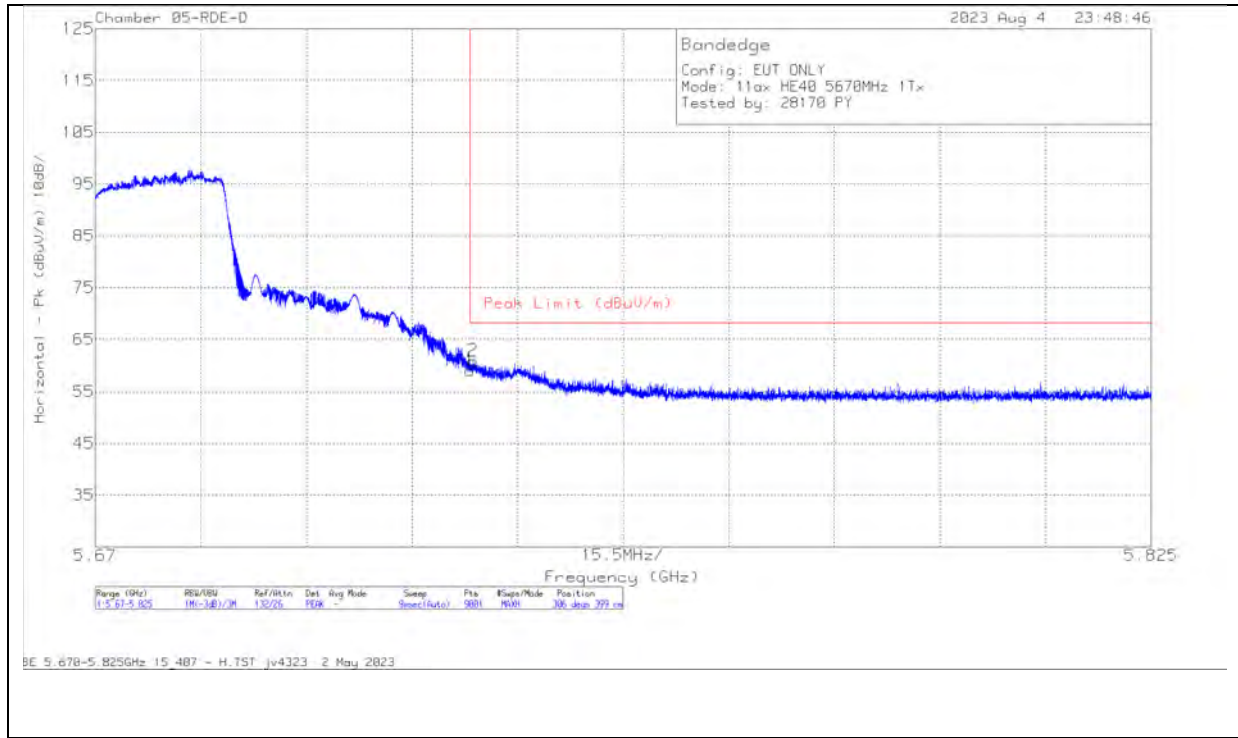


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.456732	63.93	Pk	34.4	0	-37.9	60.43	-	-	74	-13.57	126	380	V
6	5.457599	49.17	RMS	34.4	.86	-37.89	46.54	54	-7.46	-	-	126	380	V
8	5.457599	49.17	RMS	34.4	.86	-37.89	46.54	54	-7.46	-	-	126	380	V
1	5.46	59.51	Pk	34.4	0	-37.94	55.97	-	-	68.2	-12.23	126	380	V
5	5.46	47.74	RMS	34.4	.86	-37.94	45.06	54	-8.94	-	-	126	380	V
4	5.469221	66.97	Pk	34.4	0	-37.81	63.56	-	-	68.2	-4.64	126	380	V
3	5.47	64.81	Pk	34.4	0	-37.77	61.44	-	-	68.2	-6.76	126	380	V
7	5.47	49.22	RMS	34.4	.86	-37.77	46.71	-	-	-	-	126	380	V

Pk - Peak detector  
RMS - RMS detection

**BANDEDGE (HIGH CHANNEL)**

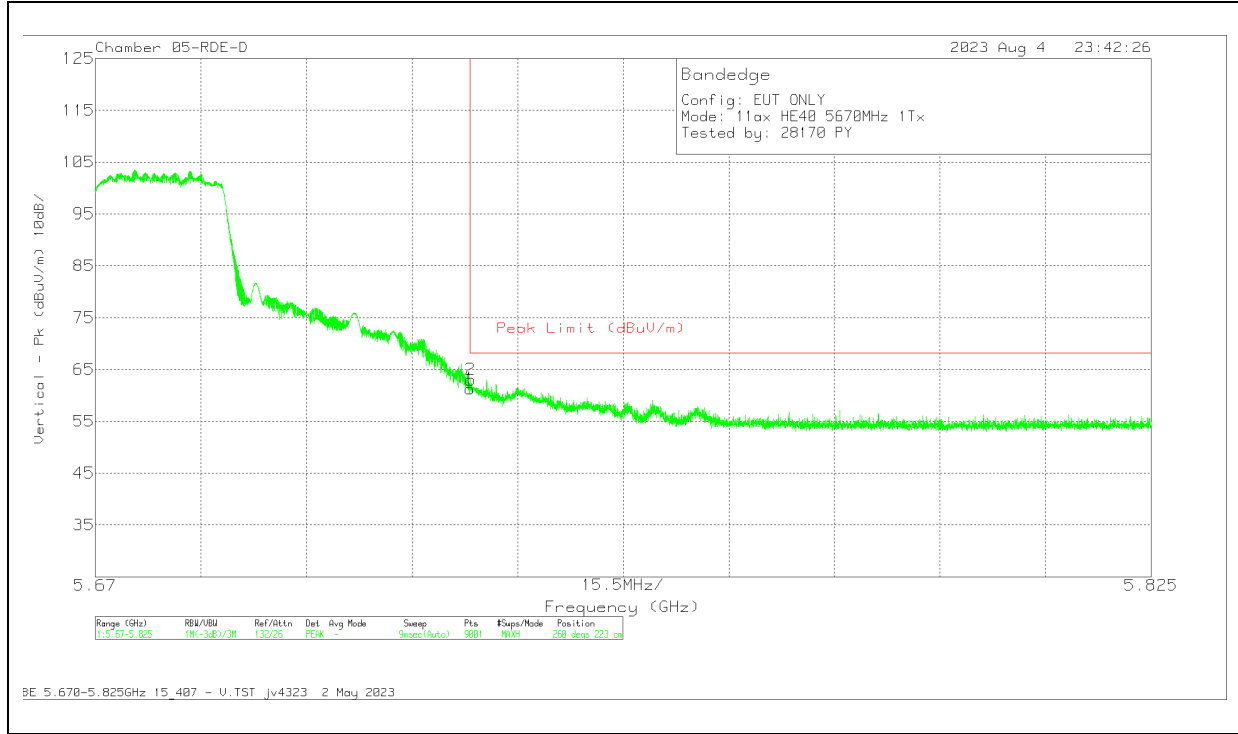
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 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	61.55	Pk	35.2	0	-37.67	59.08	68.2	-9.12	306	399	H
2	5.72542	63.35	Pk	35.2	0	-37.62	60.93	68.2	-7.27	306	399	H

Pk - Peak detector

### VERTICAL RESULT



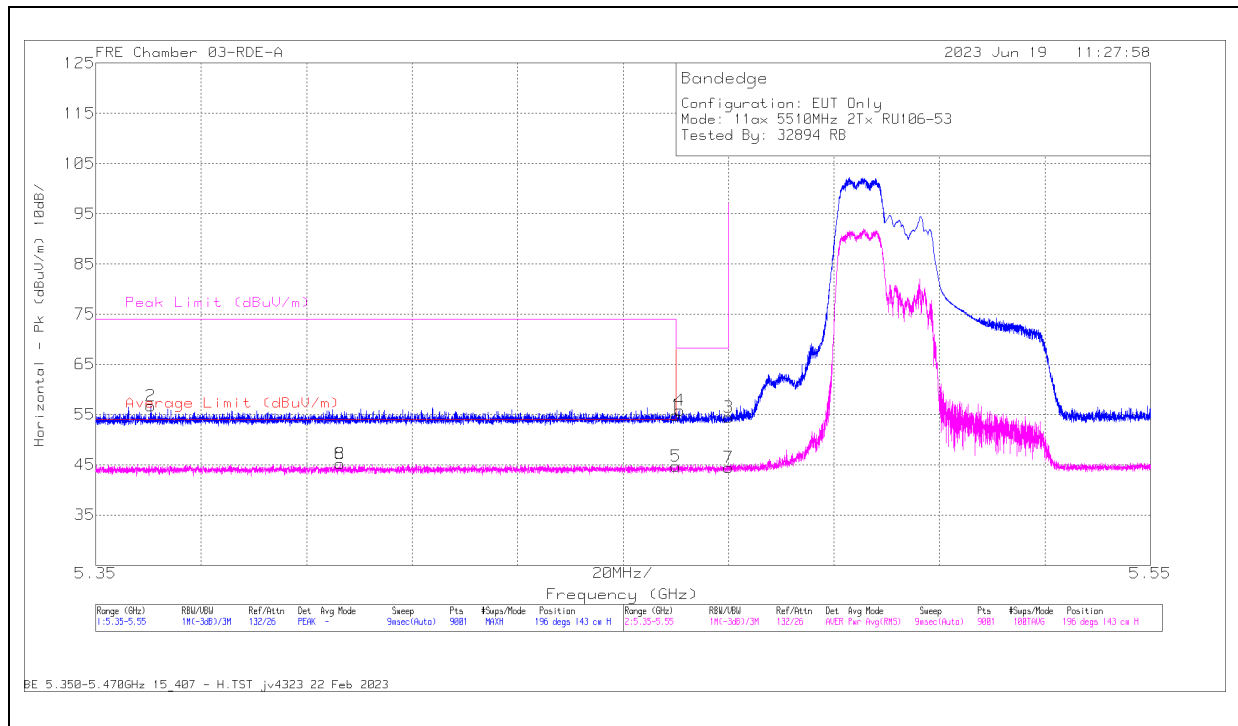
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	63.74	Pk	35.2	0	-37.67	61.27	68.2	-6.93	260	223	V
2	5.725093	65.5	Pk	35.2	0	-37.66	63.04	68.2	-5.16	260	223	V

Pk - Peak detector

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

**BANDEDGE (LOW CHANNEL)**

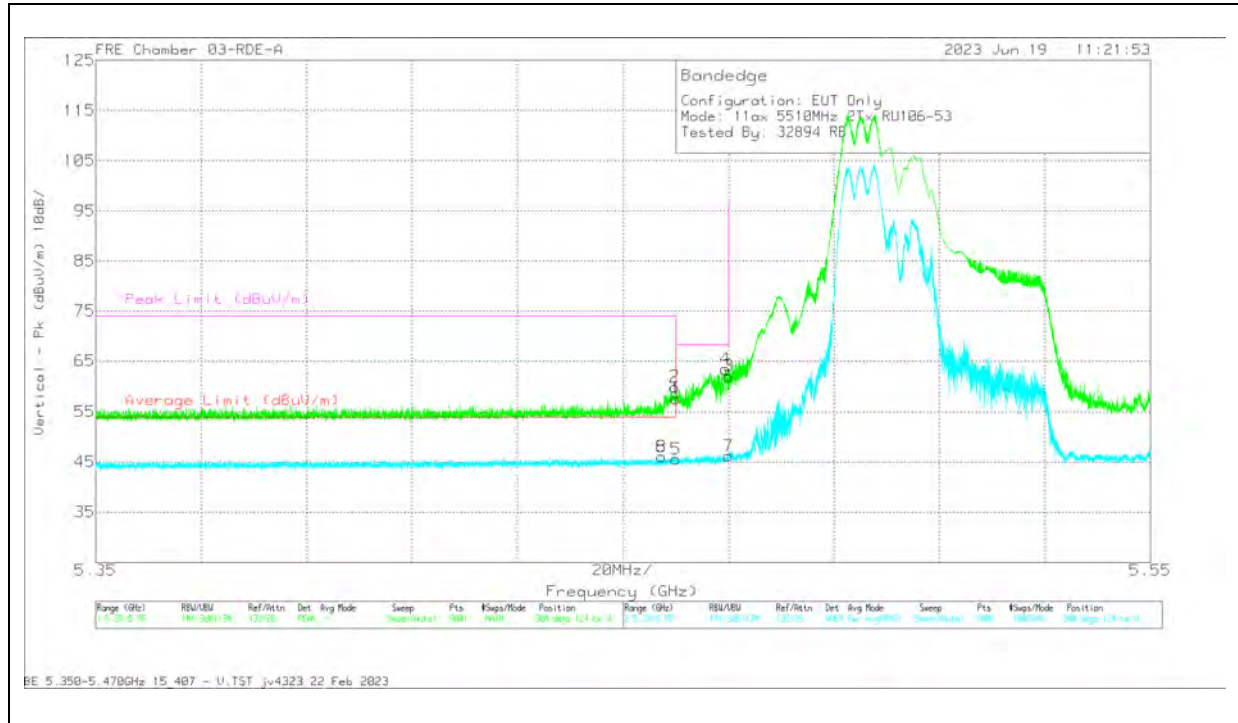
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 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	58.22	Pk	35	0	-38.35	54.87	-	-	68.2	-13.33	196	143	H
2	*5.360489	60.25	Pk	34.9	0	-38.45	56.7	-	-	74	-17.3	196	143	H
5	* 5.46	47.22	RMS	35	.55	-38.35	44.42	54	-9.58	-	-	196	143	H
6	*5.396355	47.81	RMS	35	.55	-38.43	44.93	54	-9.07	-	-	196	143	H
8	*5.396355	47.81	RMS	35	.55	-38.43	44.93	54	-9.07	-	-	196	143	H
4	5.46071	59.19	Pk	35	0	-38.34	55.85	-	-	68.2	-12.35	196	143	H
3	5.47	57.78	Pk	35	0	-38.3	54.48	-	-	68.2	-13.72	196	143	H
7	5.47	46.9	RMS	35	.55	-38.3	44.15	-	-	-	-	196	143	H

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

### VERTICAL RESULT



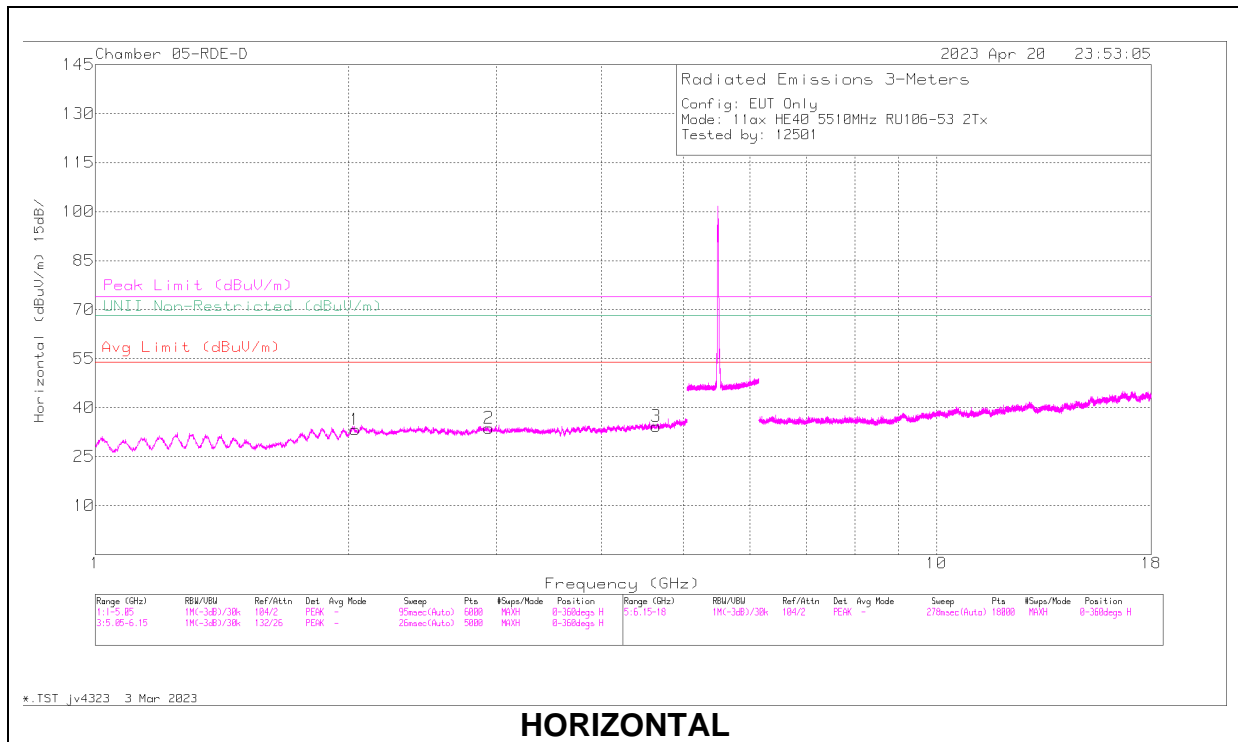
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	60.94	Pk	35	0	-38.35	57.59	-	-	68.2	-10.61	308	124	V
2	*5.459821	63.37	Pk	35	0	-38.35	60.02	-	-	74	-13.98	308	124	V
5	* 5.46	48.05	RMS	35	.55	-38.35	45.25	54	-8.75	-	-	308	124	V
6	*5.457266	48.56	RMS	35	.55	-38.34	45.77	54	-8.23	-	-	308	124	V
8	*5.457266	48.56	RMS	35	.55	-38.34	45.77	54	-8.23	-	-	308	124	V
4	5.469421	66.74	Pk	35	0	-38.31	63.43	-	-	68.2	-4.77	308	124	V
3	5.47	65.4	Pk	35	0	-38.3	62.10	-	-	68.2	-6.1	308	124	V
7	5.47	48.64	RMS	35	.55	-38.3	45.89	-	-	-	-	308	124	V

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

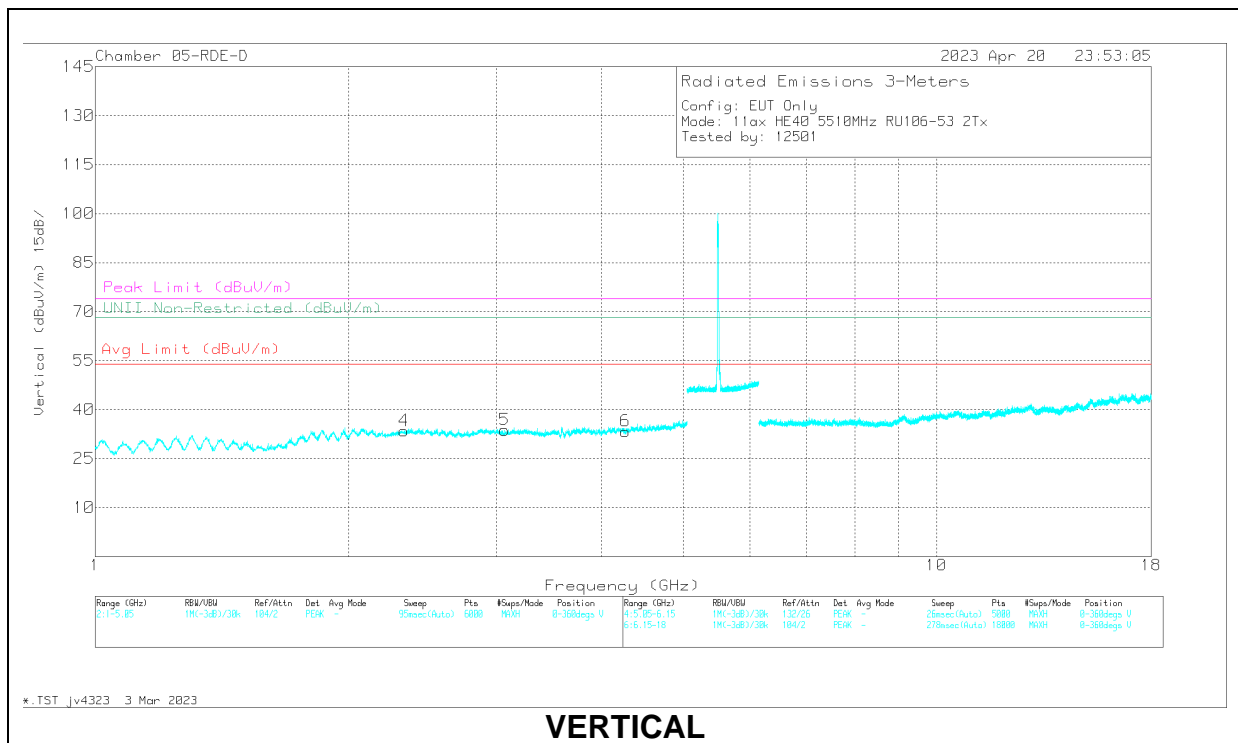


**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



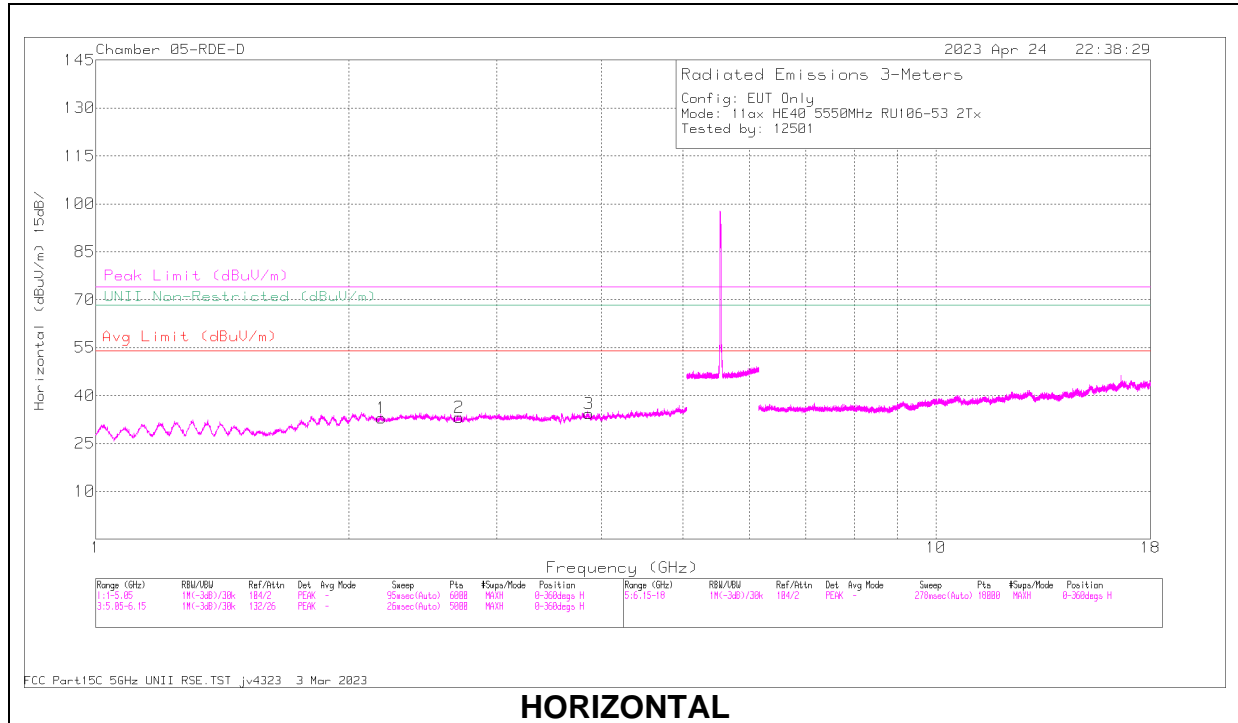
**VERTICAL**

**RADIATED EMISSIONS**

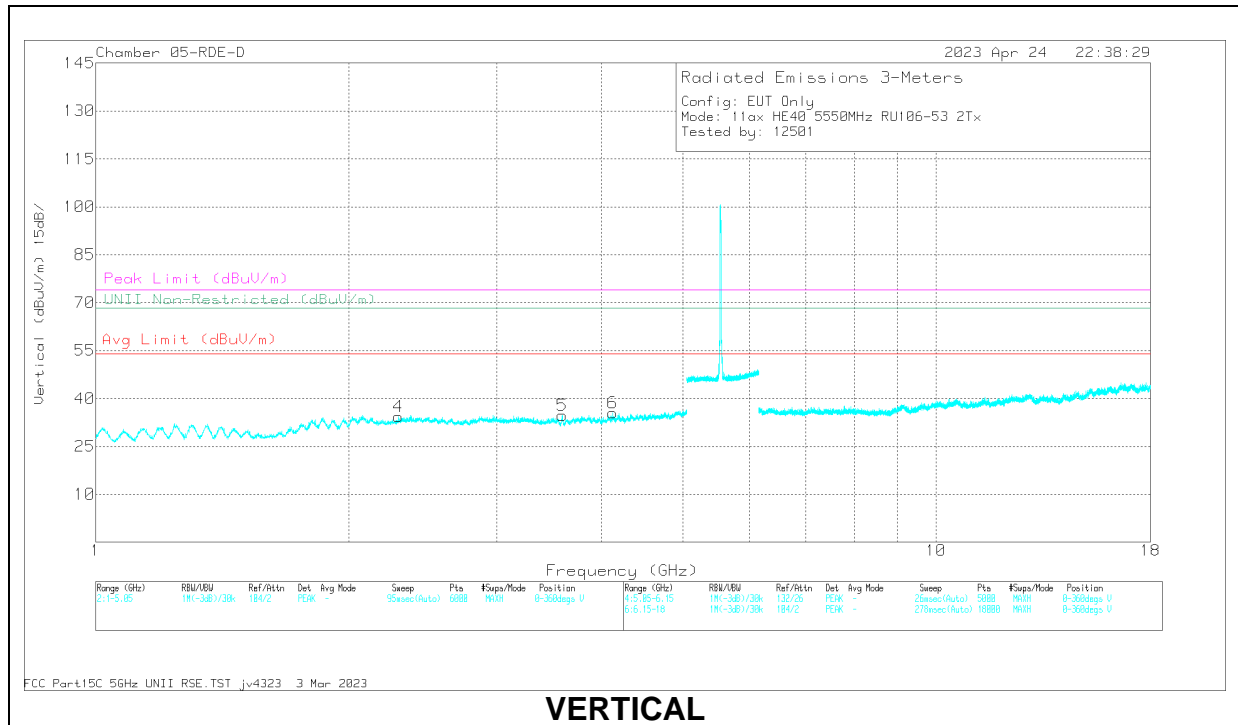
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.037476	62.2	PK-U	31.6	-49.56	44.24	-	-	-	-	68.2	-23.96	360	101	H
4	*2.324757	61.19	PK-U	32.2	-49.59	43.8	-	-	74	-30.2	-	-	360	101	V
	*2.325793	49.45	ADR	32.2	-49.57	32.08	54	-21.92	-	-	-	-	360	101	V
2	2.936556	58.89	PK-U	32.9	-48.4	43.39	-	-	-	-	68.2	-24.81	360	200	H
5	3.063189	58.45	PK-U	32.9	-47.98	43.37	-	-	-	-	68.2	-24.83	360	101	V
6	*4.26695	56.59	PK-U	33.6	-46.35	43.84	-	-	74	-30.16	-	-	360	101	V
	*4.267226	44.62	ADR	33.6	-46.35	31.87	54	-22.13	-	-	-	-	360	101	V
3	*4.645332	58.19	PK-U	34.2	-47.66	44.73	-	-	74	-29.27	-	-	360	200	H
	*4.644931	46.63	ADR	34.2	-47.65	33.18	54	-20.82	-	-	-	-	360	200	H

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

### MID CHANNEL REUSLTS



**HORIZONTAL**



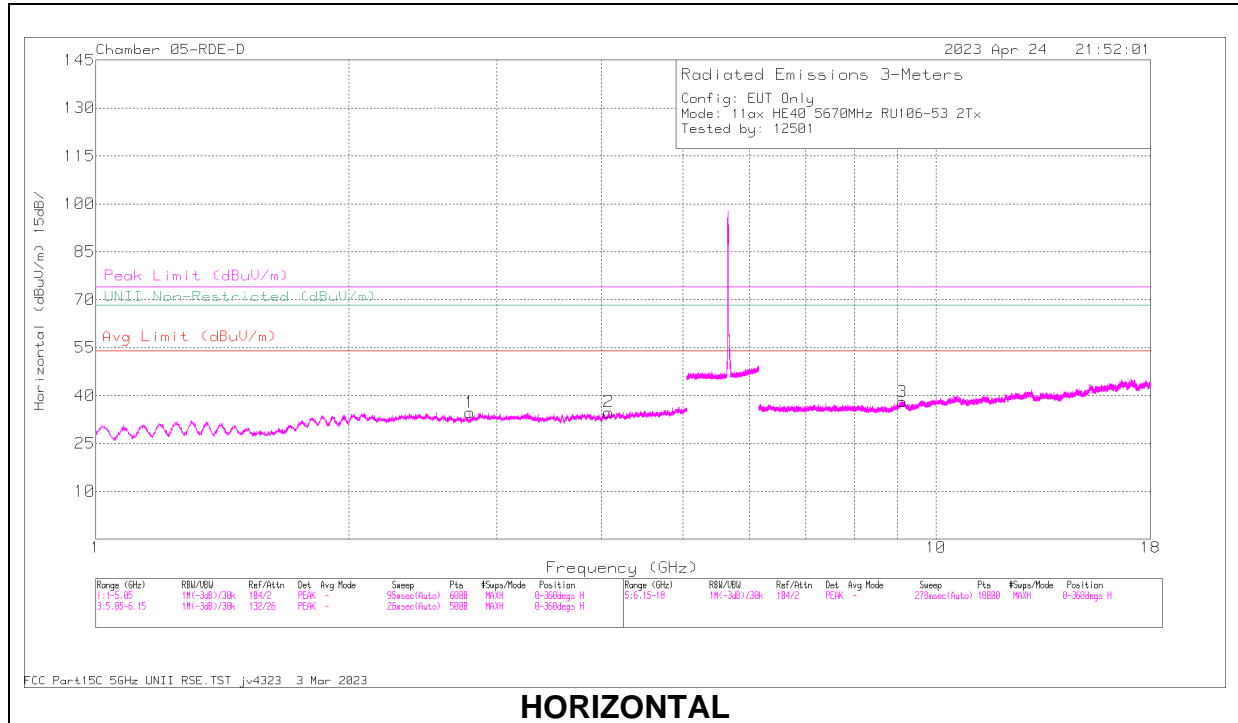
**VERTICAL**

**RADIATED EMISSIONS**

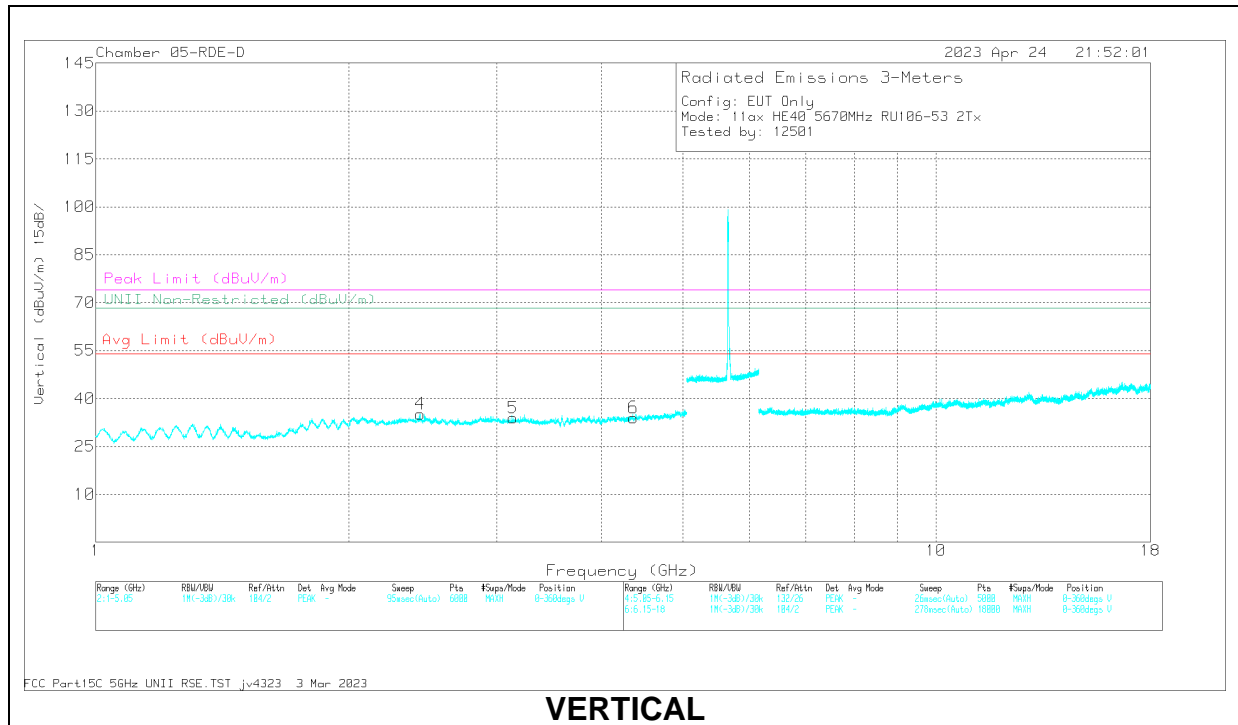
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.189189	60.87	PK-U	31.6	-49.37	43.10	-	-	-	-	68.2	-25.1	360	200	H
4	*2.289632	60.74	PK-U	32	-49.64	43.10	-	-	74	-30.9	-	-	360	200	V
	*2.291807	49.29	ADR	32	-49.67	31.62	54	-22.38	-	-	-	-	360	200	V
2	*2.710518	59.68	PK-U	32.1	-48.75	43.03	-	-	74	-30.97	-	-	360	101	H
	*2.708752	48.25	ADR	32.1	-48.85	31.50	54	-22.50	-	-	-	-	360	101	H
5	*3.591385	58.64	PK-U	33	-47.07	44.57	-	-	74	-29.43	-	-	360	200	V
	*3.589476	46.88	ADR	33	-47.12	32.76	54	-21.24	-	-	-	-	360	200	V
3	*3.861925	57.33	PK-U	33.5	-46.75	44.08	-	-	74	-29.92	-	-	360	200	H
	*3.861963	46	ADR	33.5	-46.75	32.75	54	-21.25	-	-	-	-	360	200	H
6	*4.124285	57.74	PK-U	33.4	-46.94	44.20	-	-	74	-29.8	-	-	360	101	V
	*4.126082	46.11	ADR	33.4	-46.91	32.60	54	-21.40	-	-	-	-	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

### HIGH CHANNEL RESULTS



**HORIZONTAL**



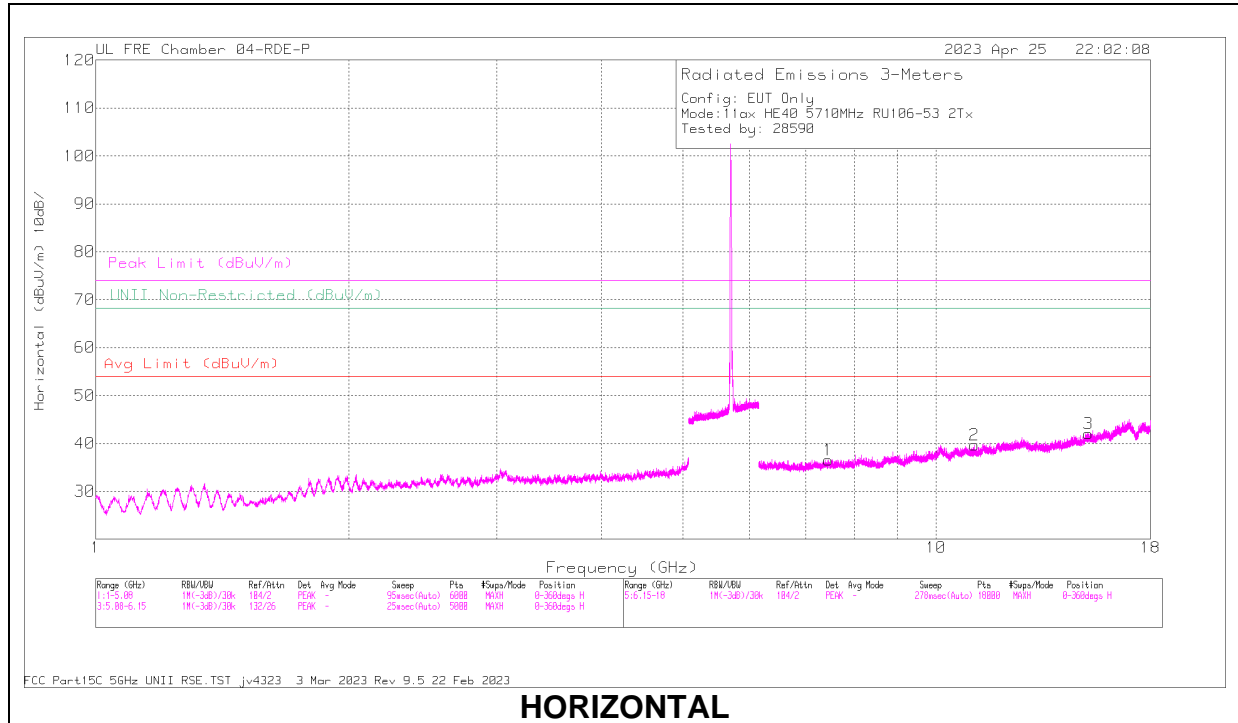
**VERTICAL**

**RADIATED EMISSIONS**

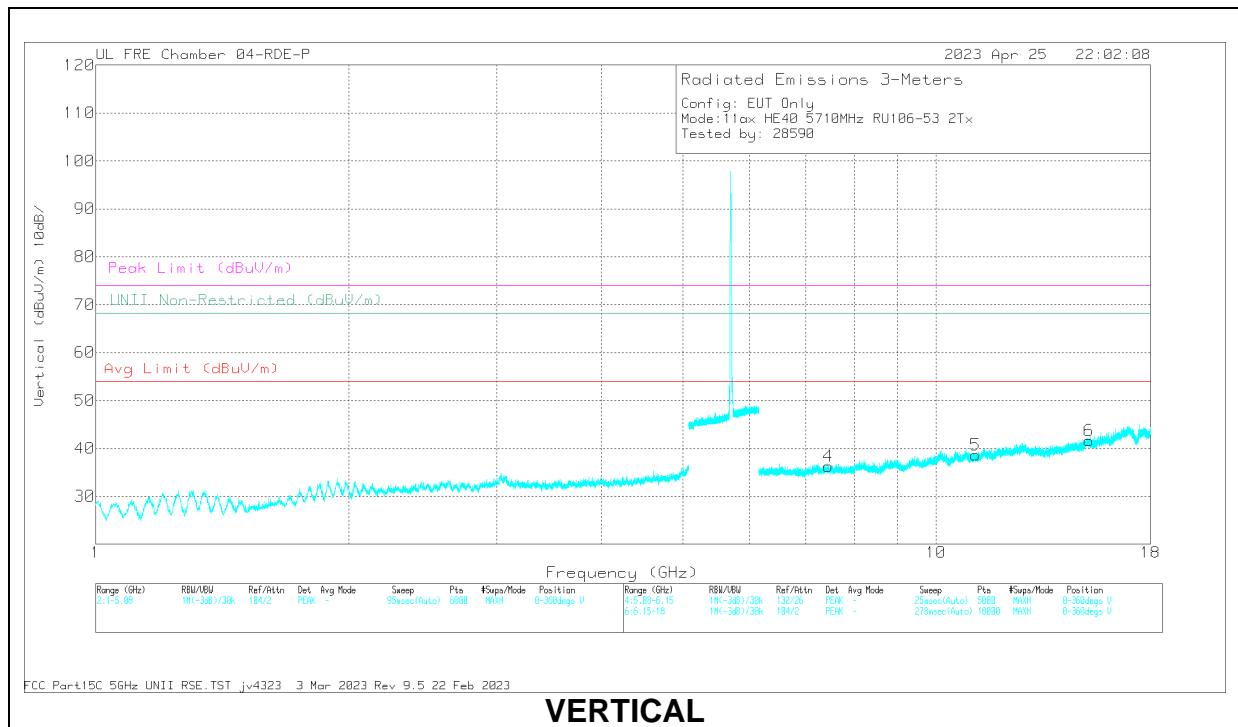
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	2.430025	60.6	PK-U	32.5	-49.46	43.64	-	-	-	-	68.2	-24.56	360	200	V
1	*2.787922	59.05	PK-U	32.2	-48.56	42.69	-	-	74	-31.31	-	-	360	200	H
	*2.788176	47.5	ADR	32.2	-48.58	31.12	54	-22.88	-	-	-	-	360	200	H
5	3.139156	58.06	PK-U	33.1	-47.7	43.46	-	-	-	-	68.2	-24.74	360	200	V
2	*4.078419	57.94	PK-U	33.4	-47.04	44.3	-	-	74	-29.7	-	-	360	101	H
	*4.078943	46.12	ADR	33.4	-47.1	32.42	54	-21.58	-	-	-	-	360	101	H
6	*4.365826	58.56	PK-U	33.7	-47.32	44.94	-	-	74	-29.06	-	-	360	101	V
	*4.363346	46.21	ADR	33.7	-47.39	32.52	54	-21.48	-	-	-	-	360	101	V
3	*9.110944	55.83	PK-U	36.3	-44.7	47.43	-	-	74	-26.57	-	-	360	101	H
	*9.111655	44.14	ADR	36.3	-44.68	35.76	54	-18.24	-	-	-	-	360	101	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

### CHANNEL 142 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 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	*7.439498	55.73	PK-U	35.7	-45.36	46.07	-	-	74	-27.93	-	-	360	100	H
	*7.442009	44.13	ADR	35.7	-45.37	34.46	54	-19.54	-	-	-	-	360	100	H
2	*11.112642	54.4	PK-U	37.7	-42.96	49.14	-	-	74	-24.86	-	-	360	100	H
	*11.113272	42.71	ADR	37.7	-42.98	37.43	54	-16.57	-	-	-	-	360	100	H
4	*7.44969	56.07	PK-U	35.7	-45.41	46.36	-	-	74	-27.64	-	-	360	201	V
	*7.449926	44.35	ADR	35.7	-45.41	34.64	54	-19.36	-	-	-	-	360	201	V
5	*11.141407	53.91	PK-U	37.7	-43.06	48.55	-	-	74	-25.45	-	-	360	200	V
	*11.141742	42.48	ADR	37.7	-43.06	37.12	54	-16.88	-	-	-	-	360	200	V
3	15.183721	54.33	PK-U	39.8	-42.98	51.15	-	-	-	-	68.2	-17.05	360	100	H
6	15.207069	54.48	PK-U	39.8	-42.92	51.36	-	-	-	-	68.2	-16.84	360	200	V

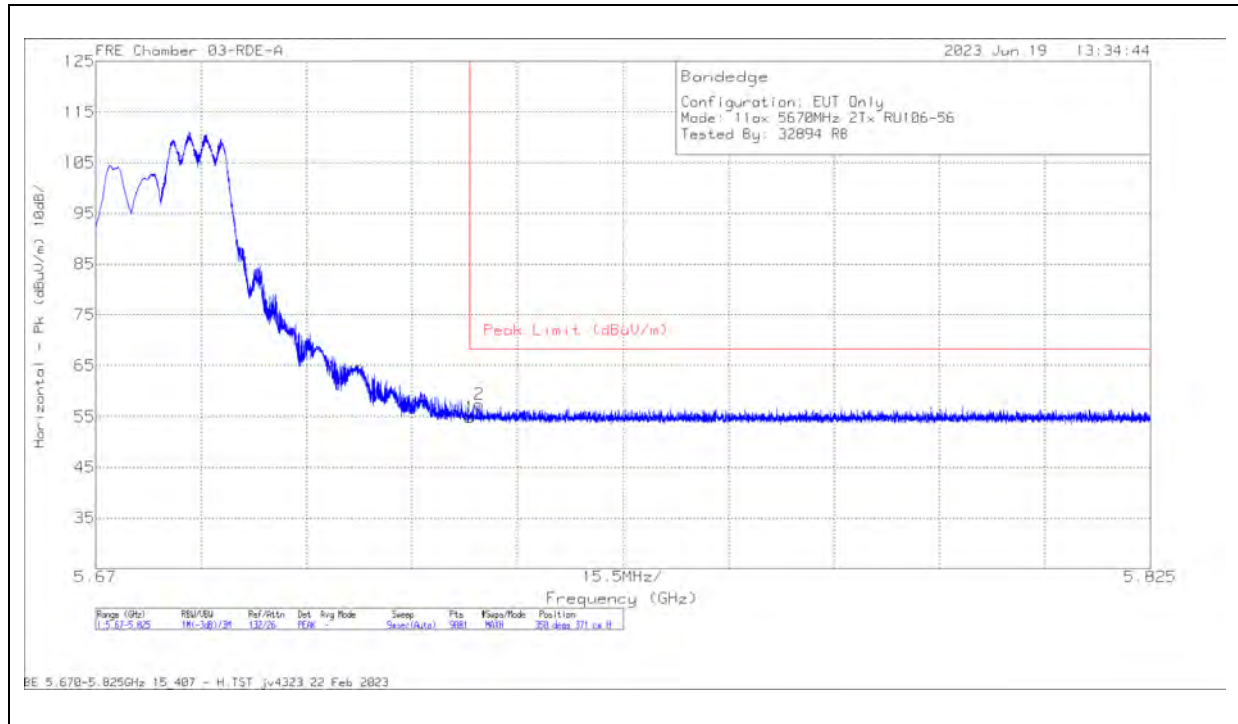
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average



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

**BANDEDGE (HIGH CHANNEL)**

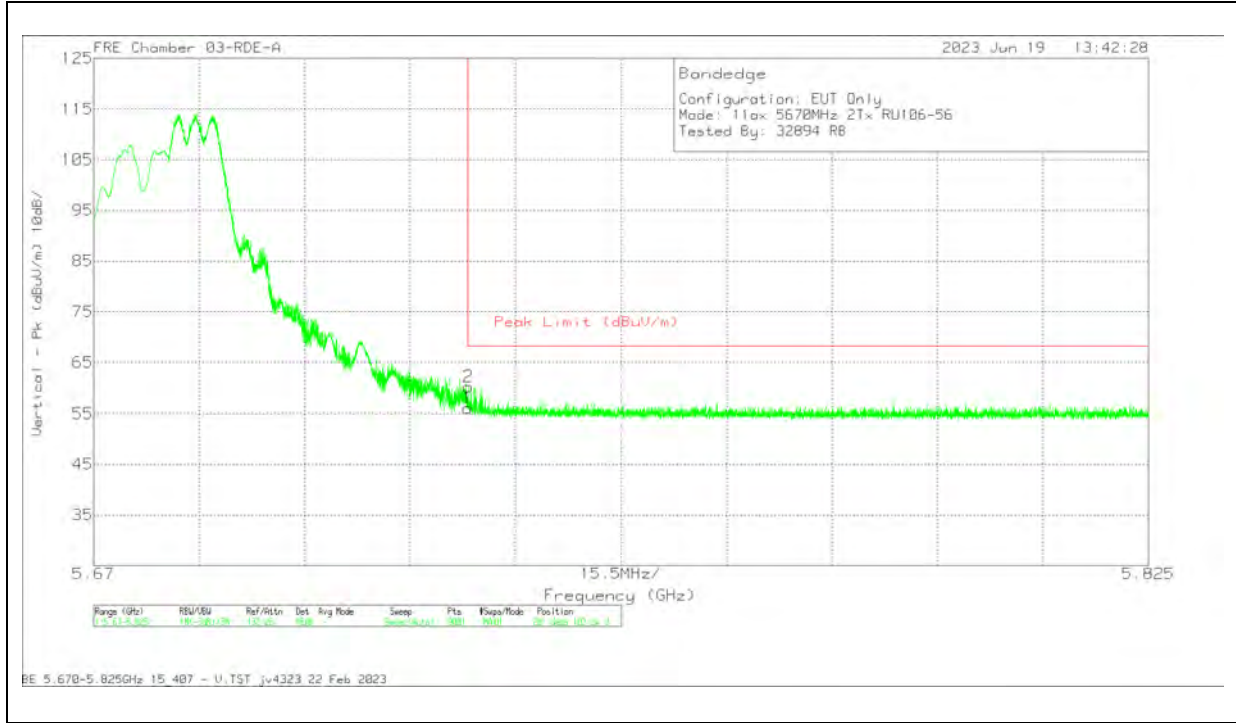
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 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	57.44	Pk	35.2	0	-37.78	54.86	68.2	-13.34	350	371	H
2	5.726385	60.04	Pk	35.2	0	-37.8	57.44	68.2	-10.76	350	371	H

Pk - Peak detector

### VERTICAL RESULT



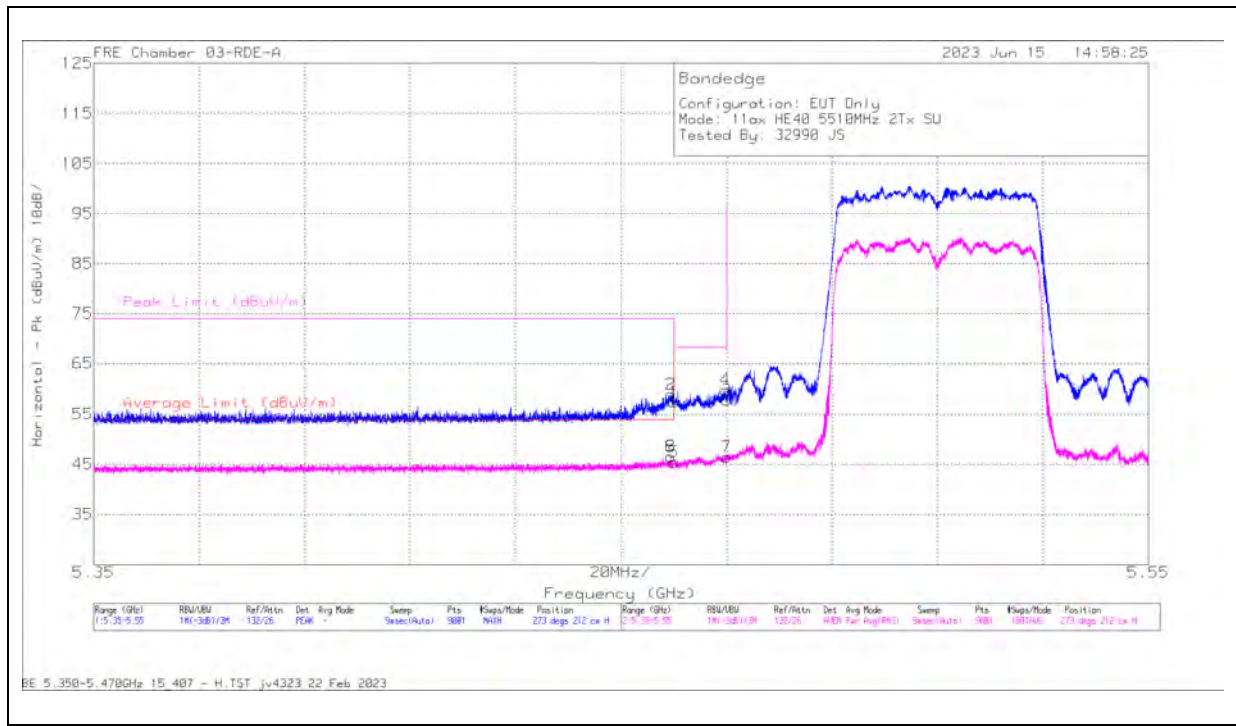
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	58.72	Pk	35.2	0	-37.78	56.14	68.2	-12.06	281	103	V
2	5.725024	62.85	Pk	35.2	0	-37.78	60.27	68.2	-7.93	281	103	V

Pk - Peak detector

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

**BANDEDGE (LOW CHANNEL)**

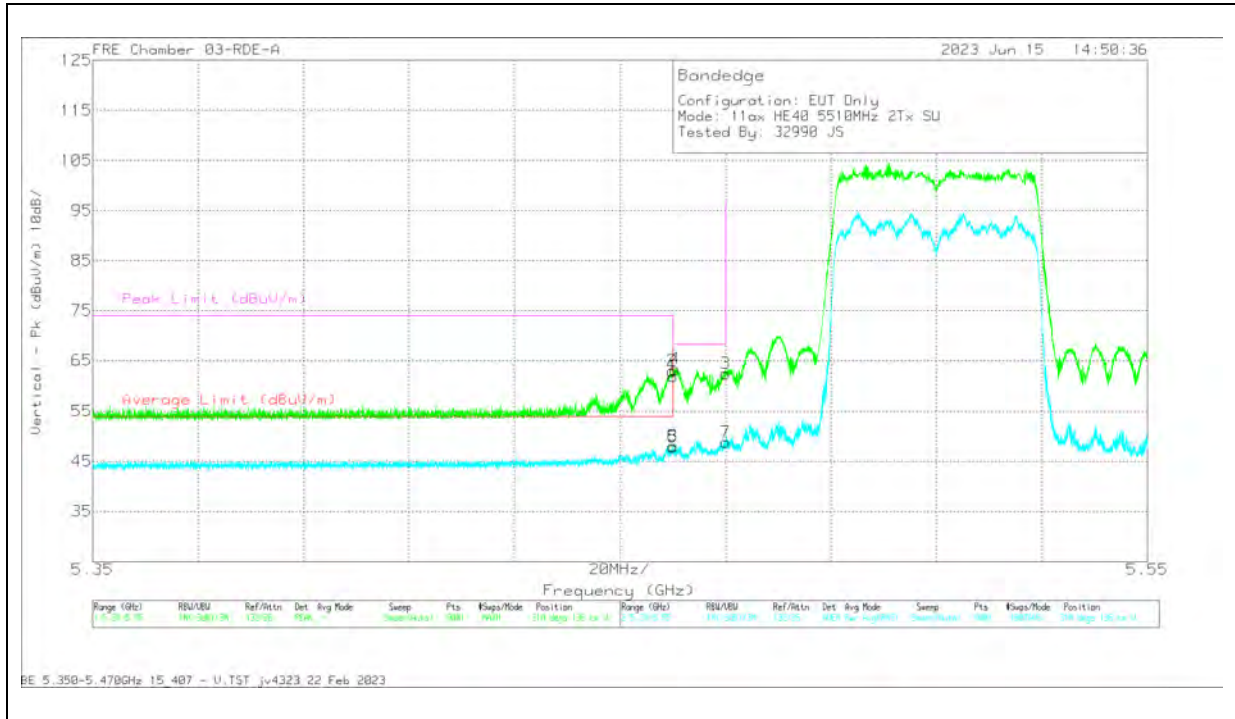
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 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	60.88	Pk	35	0	-38.35	57.53	-	-	68.2	-10.67	273	212	H
2	*5.459421	62.38	Pk	35	0	-38.36	59.02	-	-	74	-14.98	273	212	H
5	* 5.46	47.9	RMS	35	.86	-38.35	45.41	54	-8.59	-	-	273	212	H
6	*5.459466	49.09	RMS	35	.86	-38.36	46.59	54	-7.41	-	-	273	212	H
8	*5.459466	49.09	RMS	35	.86	-38.36	46.59	54	-7.41	-	-	273	212	H
4	5.469821	63.13	Pk	35	0	-38.3	59.83	-	-	68.2	-8.37	273	212	H
3	5.47	61.16	Pk	35	0	-38.3	57.86	-	-	68.2	-10.34	273	212	H
7	5.47	48.95	RMS	35	.86	-38.3	46.51	-	-	-	-	273	212	H

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

### VERTICAL RESULT

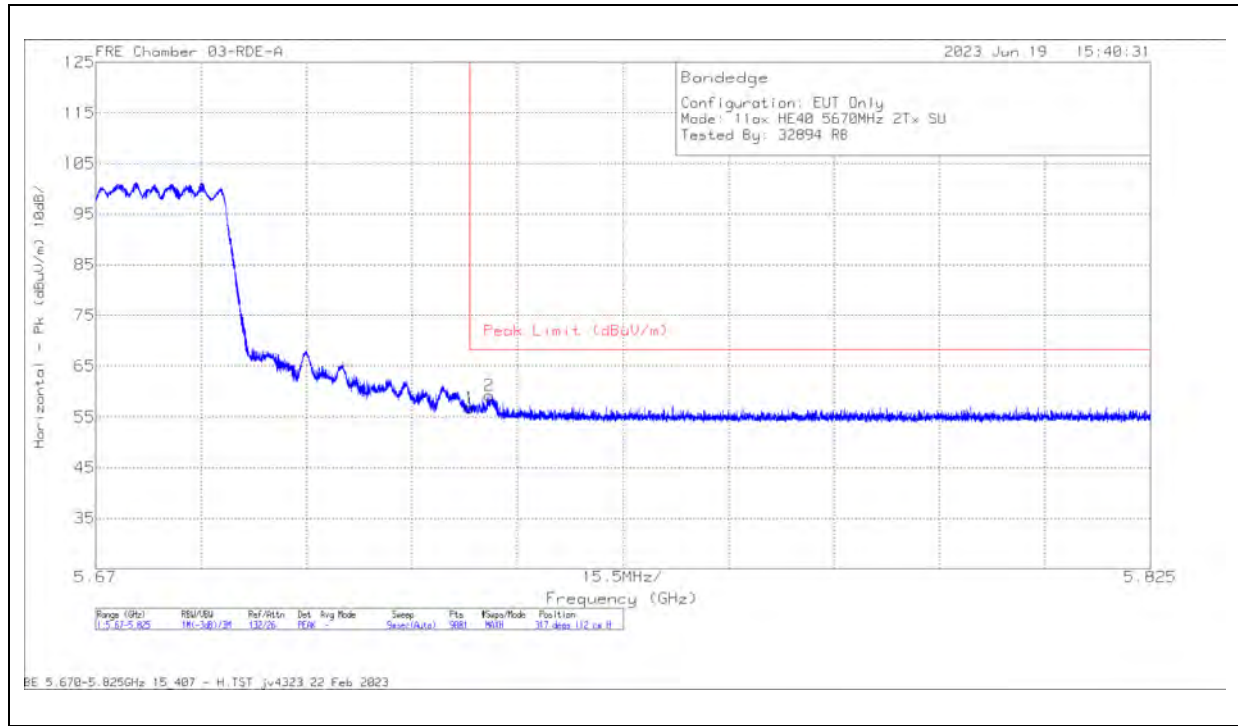


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.46	65.28	Pk	35	0	-38.35	61.93	-	-	68.2	-6.27	310	136	V
2	*5.459932	66.38	Pk	35	0	-38.35	63.03	-	-	74	-10.97	310	136	V
5	*5.46	50.31	RMS	35	.86	-38.35	47.82	54	-6.18	-	-	310	136	V
6	*5.459977	50.54	RMS	35	.86	-38.35	48.05	54	-5.95	-	-	310	136	V
8	*5.459977	50.54	RMS	35	.86	-38.35	48.05	54	-5.95	-	-	310	136	V
4	5.460421	66.71	Pk	35	0	-38.35	63.36	-	-	68.2	-4.84	310	136	V
3	5.47	65.77	Pk	35	0	-38.3	62.47	-	-	68.2	-5.73	310	136	V
7	5.47	51.27	RMS	35	.86	-38.3	48.83	-	-	-	-	310	136	V

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

**BANDEDGE (HIGH CHANNEL)**

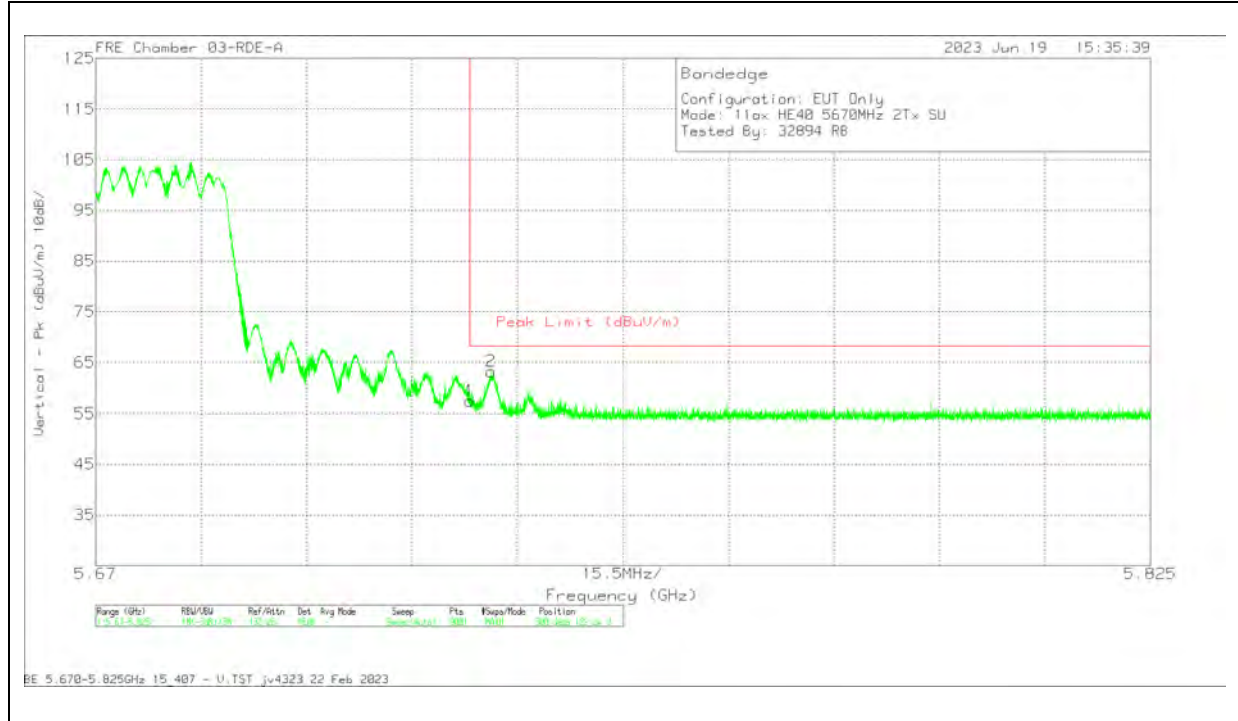
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 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	59.43	Pk	35.2	0	-37.78	56.85	68.2	-11.35	317	112	H
2	5.727849	61.88	Pk	35.2	0	-37.8	59.28	68.2	-8.92	317	112	H

Pk - Peak detector

### VERTICAL RESULT

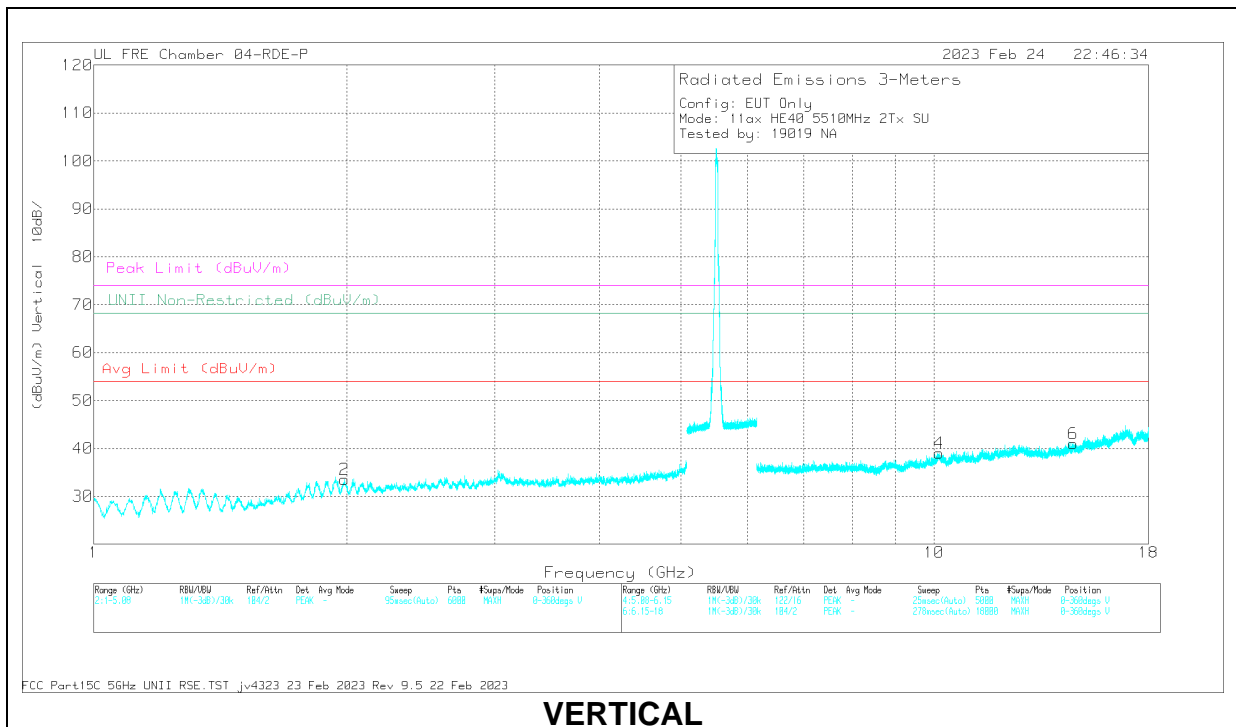
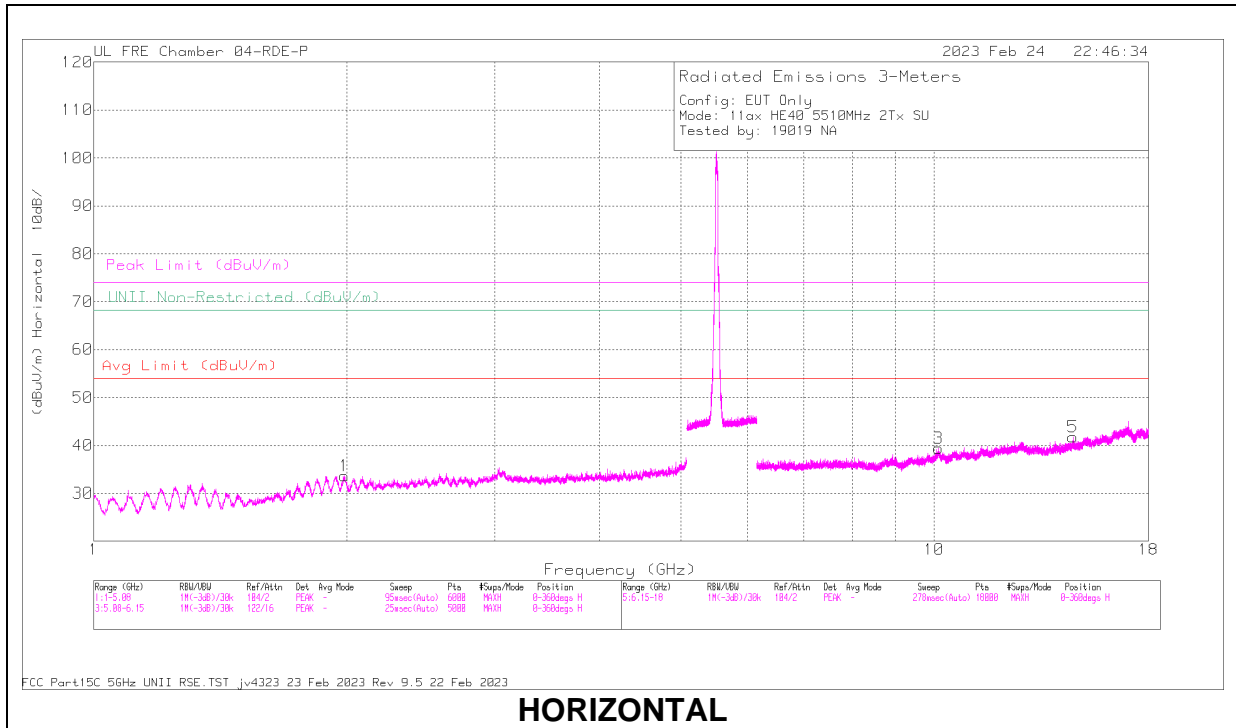


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	60.12	Pk	35.2	0	-37.78	57.54	68.2	-10.66	300	122	V
2	5.72809	65.87	Pk	35.2	0	-37.8	63.27	68.2	-4.93	300	122	V

Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



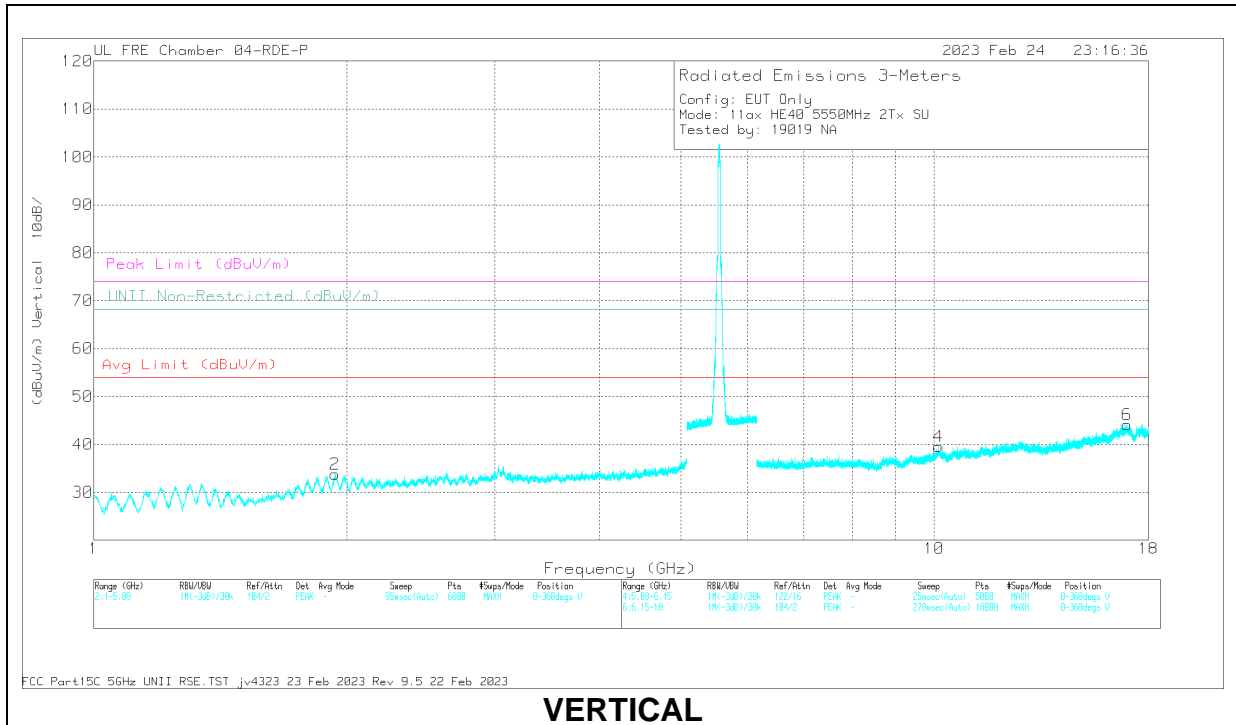
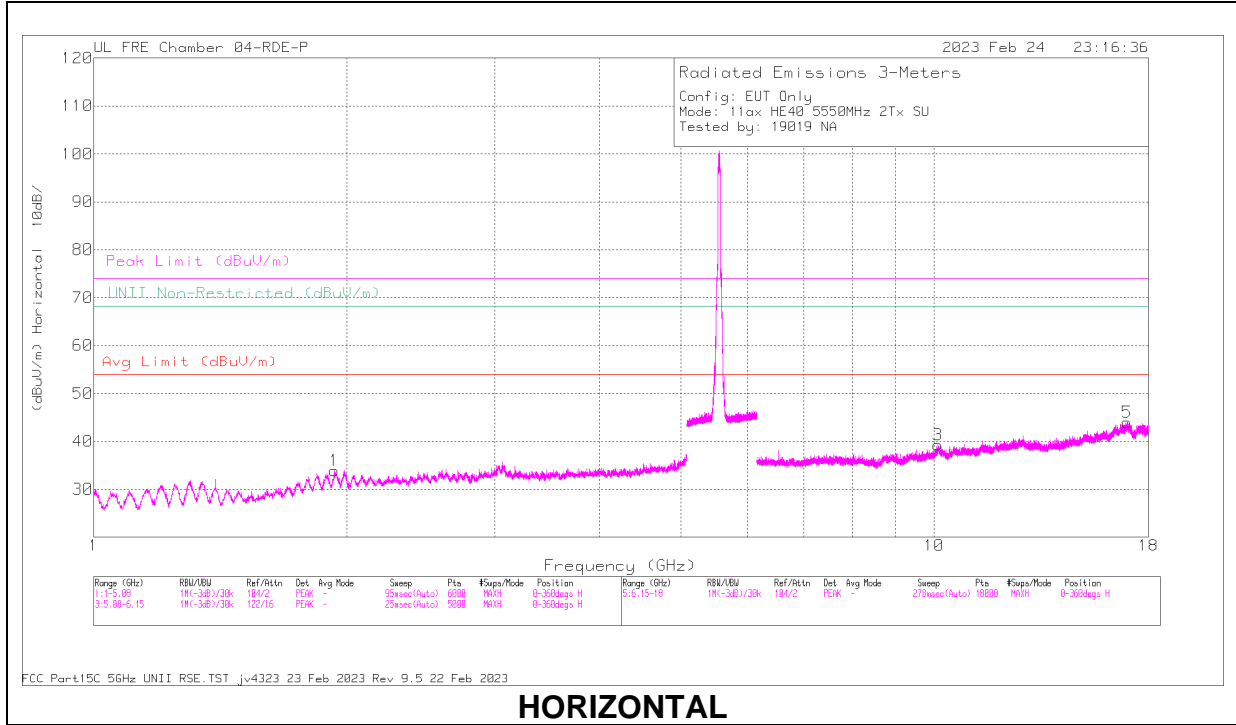
**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.988116	60.78	PK-U	31.5	-49.03	43.25	68.2	-24.95	138	350	H
2	1.988128	61.02	PK-U	31.5	-49.03	43.49	68.2	-24.71	83	265	V
3	10.13048	55.2	PK-U	37.2	-46.18	46.22	68.2	-21.98	194	146	H
4	10.144932	57.92	PK-U	37.2	-46.17	48.95	68.2	-19.25	231	176	V
5	14.632414	52.3	PK-U	39.2	-43.12	48.38	68.2	-19.82	263	153	H
6	14.64229	52.84	PK-U	39.3	-43.3	48.84	68.2	-19.36	155	303	V

PK-U - U-NII: Maximum Peak



### MID CAHNNEL RESULTS

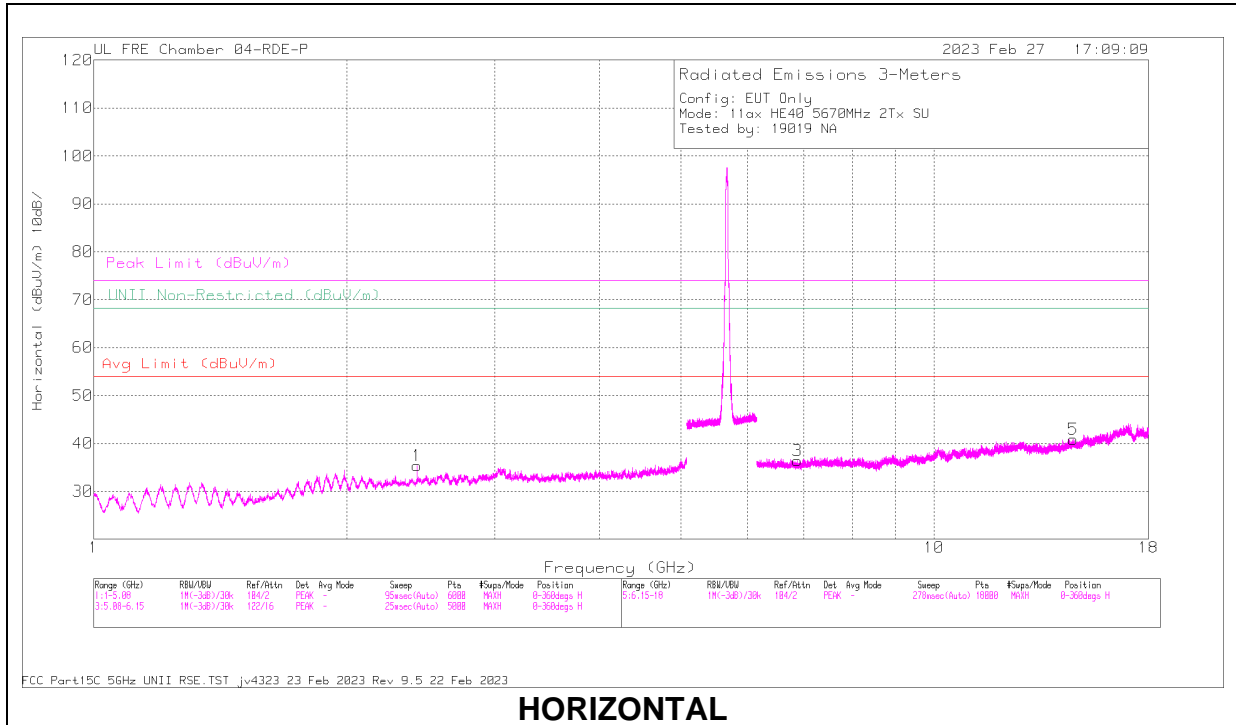


**RADIATED EMISSIONS**

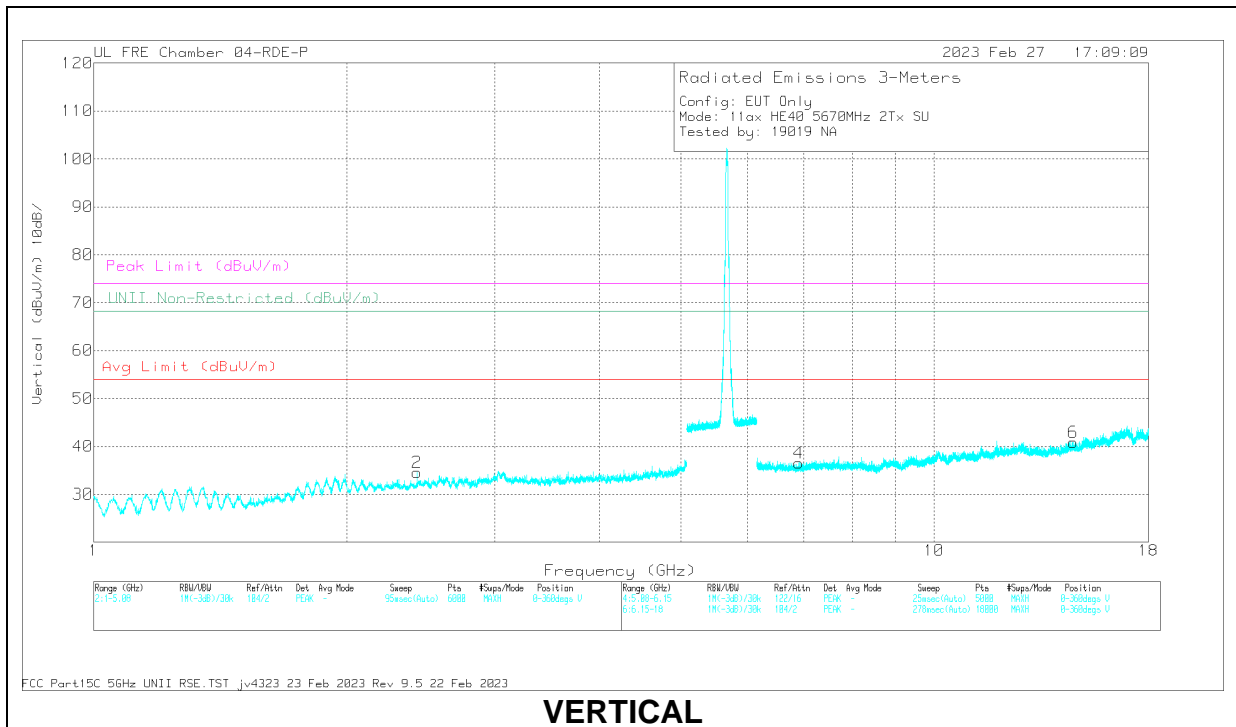
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.933777	61.21	PK-U	31.5	-49.15	43.56	68.2	-24.64	233	137	H
2	1.936126	61.23	PK-U	31.5	-49.21	43.52	68.2	-24.68	166	337	V
3	10.101179	58.52	PK-U	37.1	-46.64	48.98	68.2	-19.22	260	173	H
4	10.130671	58	PK-U	37.2	-46.17	49.03	68.2	-19.17	243	147	V
6	16.985209	54.2	PK-U	42.3	-42.39	54.11	68.2	-14.09	151	383	V
5	16.988818	53.12	PK-U	42.3	-42.48	52.94	68.2	-15.26	283	224	H

PK-U - U-NII: Maximum Peak

### HIGH CHANNEL RESULTS



**HORIZONTAL**



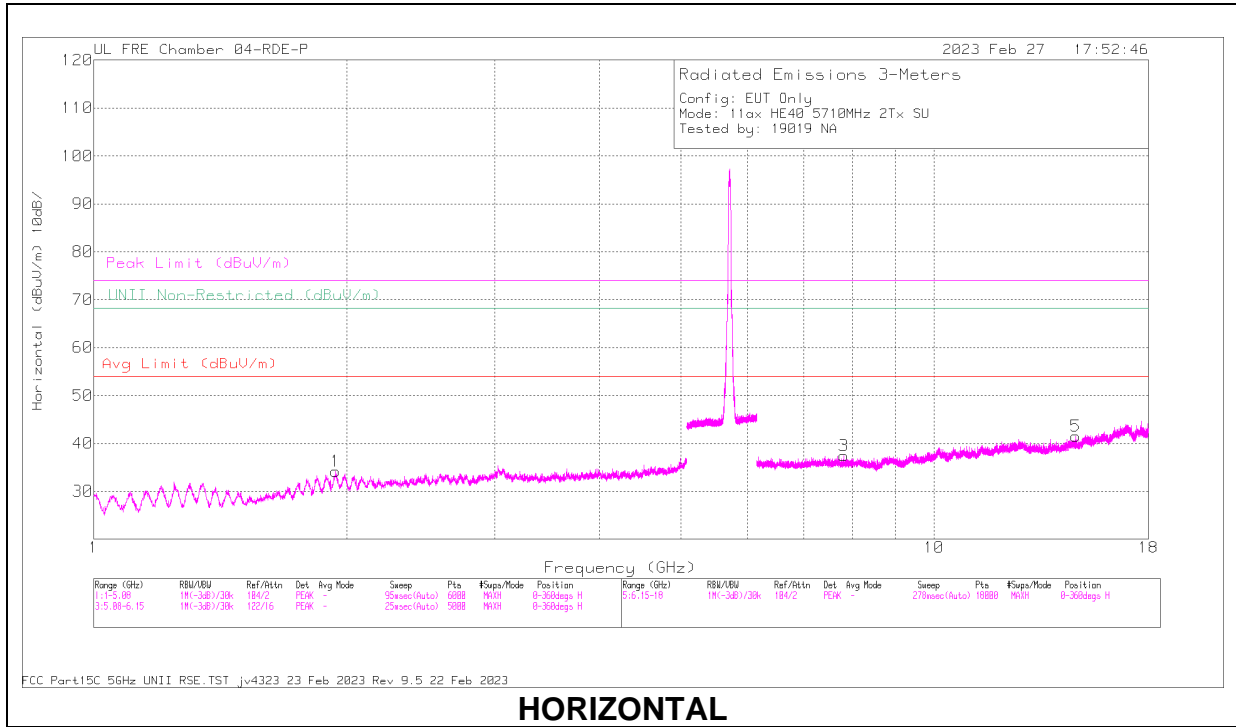
**VERTICAL**

**RADIATED EMISSIONS**

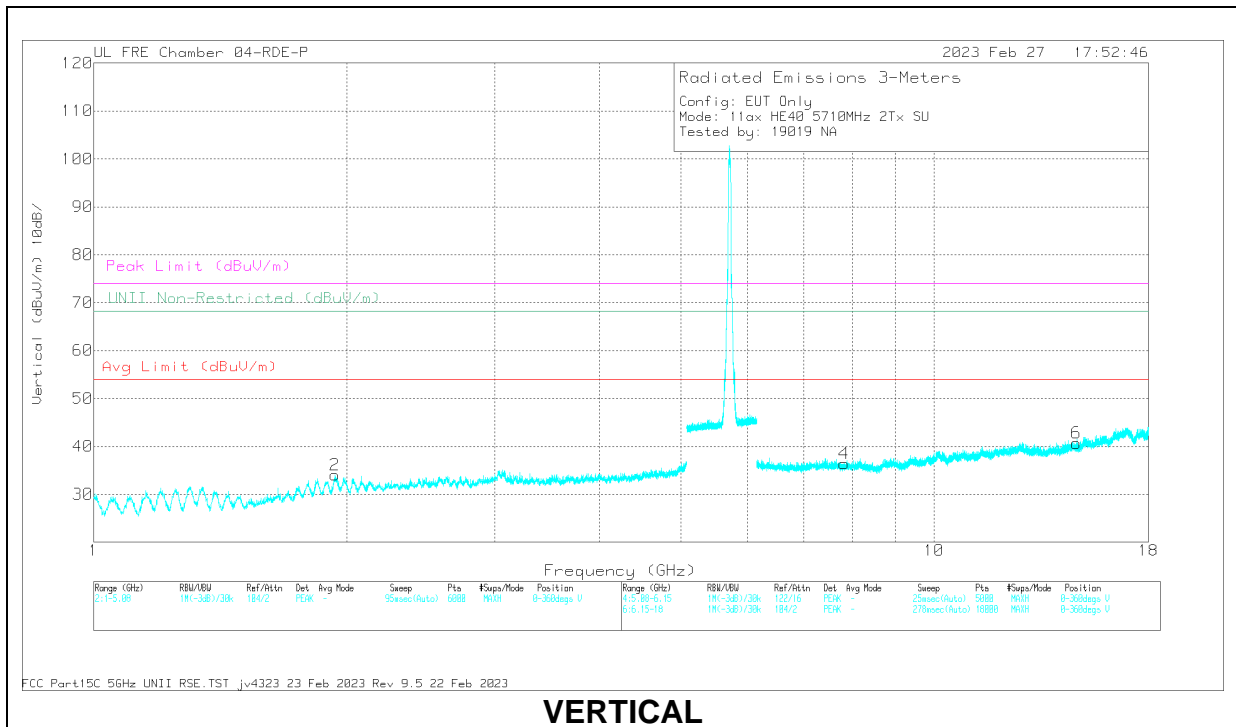
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.423963	60.6	PK-U	31.8	-49.6	42.8	68.2	-25.4	249	176	H
2	2.426549	60.37	PK-U	31.8	-49.47	42.7	68.2	-25.5	183	247	V
3	6.882241	55.37	PK-U	35.5	-44.93	45.94	68.2	-22.26	233	127	H
4	6.90004	55.26	PK-U	35.5	-44.79	45.97	68.2	-22.23	316	283	V
5	14.650228	54.6	PK-U	39.3	-43.36	50.54	68.2	-17.66	275	231	H
6	14.655686	54.41	PK-U	39.3	-43.37	50.34	68.2	-17.66	184	210	V

PK-U - U-NII: Maximum Peak

### CHANNEL 142 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	1.937703	61.14	PK-U	31.5	-49.16	43.48	68.2	-24.72	217	248	V
1	1.940031	61.24	PK-U	31.5	-49.15	43.59	68.2	-24.61	303	173	H
3	7.809176	56.24	PK-U	35.7	-45.8	46.14	68.2	-22.06	261	115	H
4	7.819832	57.25	PK-U	35.7	-45.89	47.06	68.2	-21.14	344	167	V
5	14.741831	54.5	PK-U	39.4	-43.35	50.55	68.2	-17.65	302	143	H
6	14.760246	53.71	PK-U	39.4	-43.4	49.71	68.2	-18.49	171	235	V

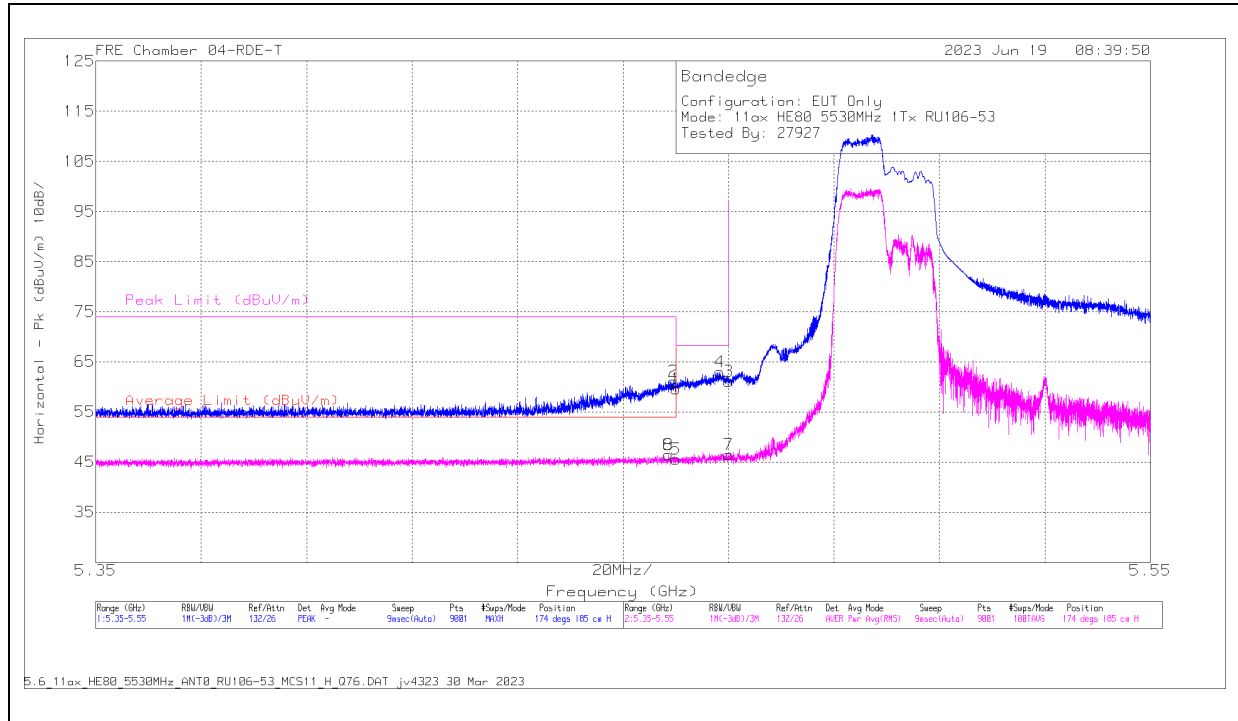
PK-U - U-NII: Maximum Peak

### 1.1.12. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.6GHz BAND

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

#### BANDEDGE (LOW CHANNEL)

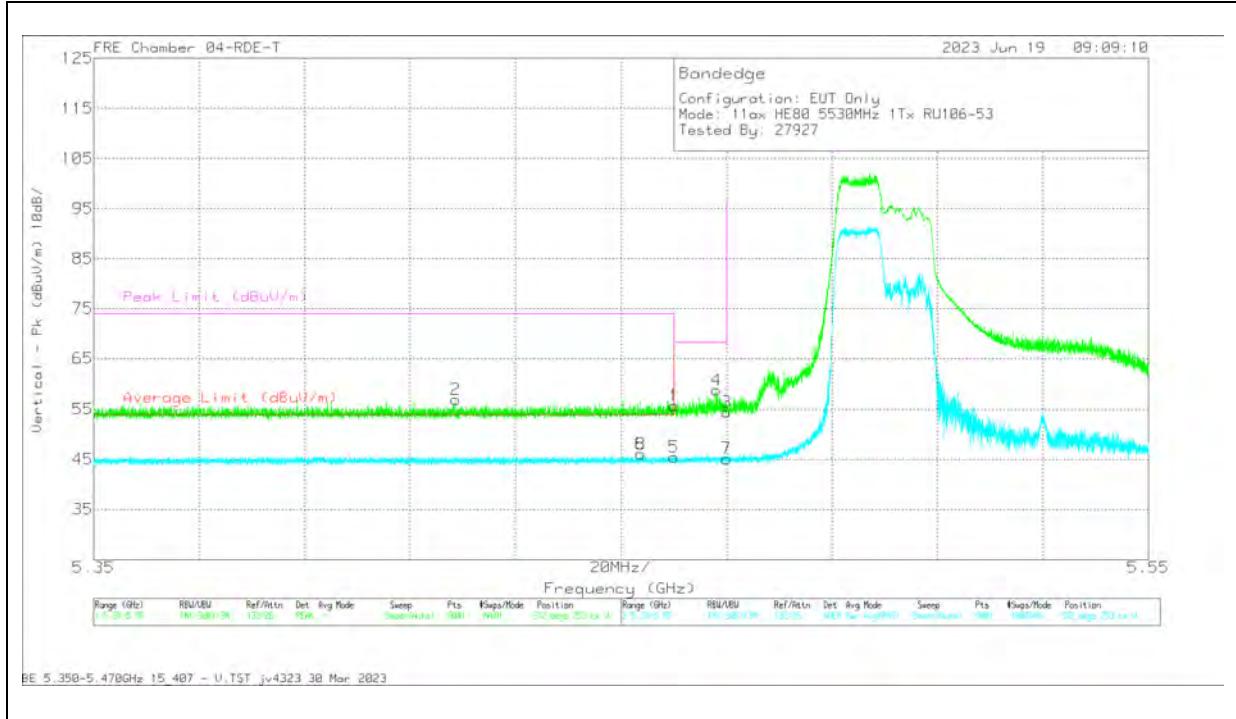
#### HORIZONTAL RESULT



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	* 5.46	60.05	Pk	34.5	0	-35	59.55	-	-	68.2	-8.65	174	185	H
2	*5.459554	61.61	Pk	34.5	0	-35	61.11	-	-	74	-12.89	174	185	H
5	* 5.46	45	RMS	34.5	.54	-35	45.04	54	-8.96	-	-	174	185	H
6	*5.458577	45.91	RMS	34.5	.54	-35.01	45.94	54	-8.06	-	-	174	185	H
8	*5.458577	45.91	RMS	34.5	.54	-35.01	45.94	54	-8.06	-	-	174	185	H
4	5.468399	63.43	Pk	34.5	0	-34.94	62.99	-	-	68.2	-5.21	174	185	H
3	5.47	61.55	Pk	34.5	0	-34.97	61.08	-	-	68.2	-7.12	174	185	H
7	5.47	45.84	RMS	34.5	.54	-34.97	45.91	-	-	-	-	174	185	H

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

### VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	* 5.46	56.2	Pk	34.5	0	-35	55.7	-	-	68.2	-12.5	352	253	V
2	*5.418666	57.55	Pk	34.5	0	-35.12	56.93	-	-	74	-17.07	352	253	V
5	* 5.46	44.91	RMS	34.5	.54	-35	44.95	54	-9.05	-	-	352	253	V
6	* 5.45371	45.58	RMS	34.5	.54	-35.05	45.57	54	-8.43	-	-	352	253	V
8	* 5.45371	45.58	RMS	34.5	.54	-35.05	45.57	54	-8.43	-	-	352	253	V
4	5.468065	59.31	Pk	34.5	0	-34.94	58.87	-	-	68.2	-9.33	352	253	V
3	5.47	54.94	Pk	34.5	0	-34.97	54.47	-	-	68.2	-13.73	352	253	V
7	5.47	44.56	RMS	34.5	.54	-34.97	44.63	-	-	-	-	352	253	V

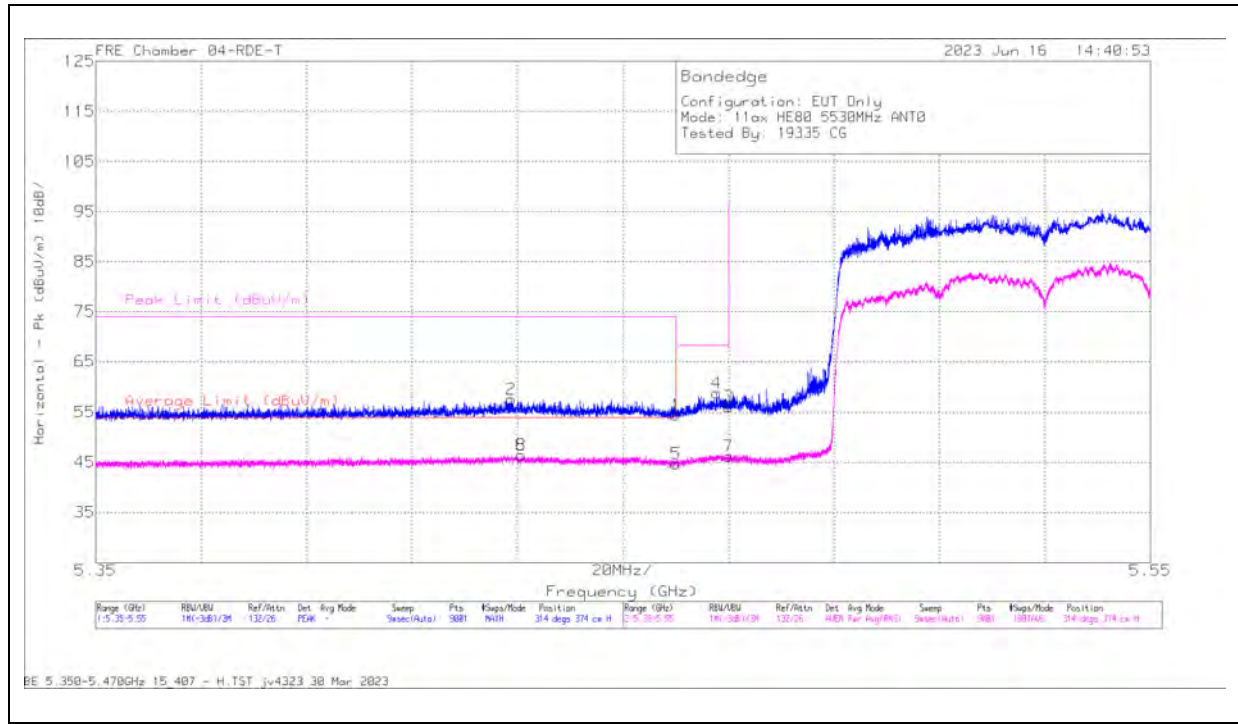
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection



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

**BANDEDGE (LOW CHANNEL)**

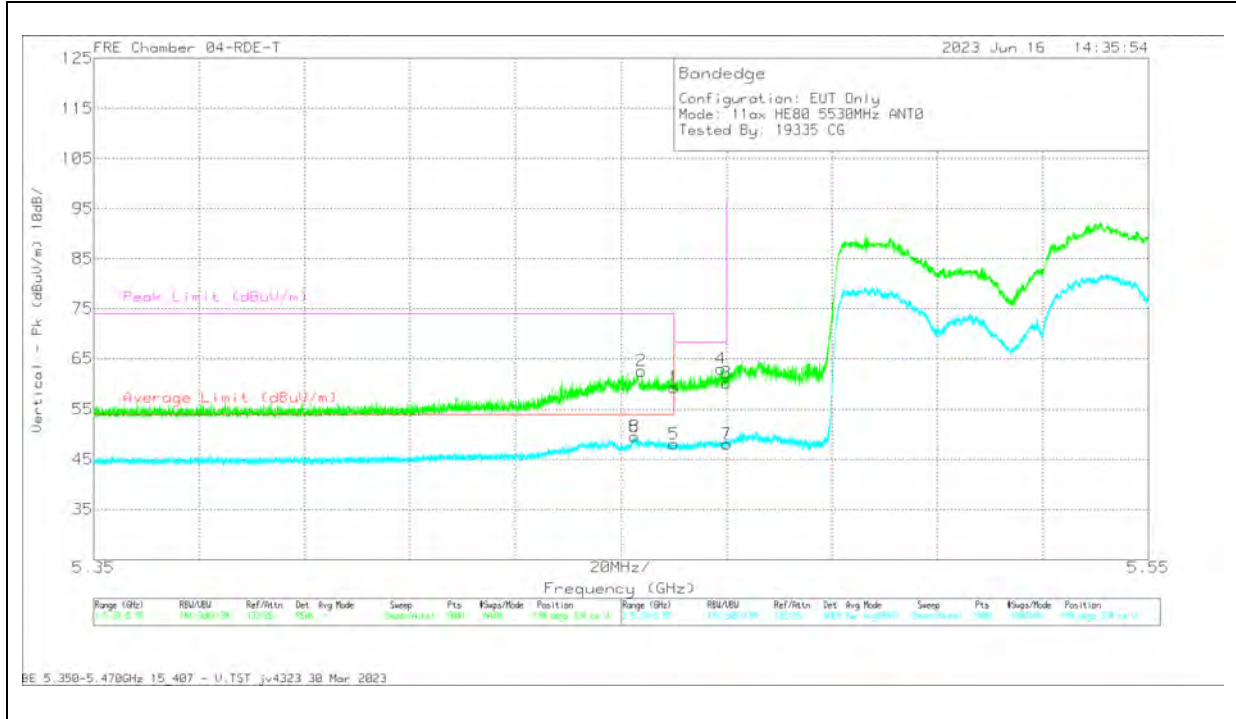
**HORIZONTAL RESULT**



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	* 5.46	55.02	Pk	34.5	0	-35	54.52	-	-	68.2	-13.68	314	374	H
2	*5.428733	58.19	Pk	34.5	0	-35.11	57.58	-	-	74	-16.42	314	374	H
5	* 5.46	44.12	RMS	34.5	1.06	-35	44.68	54	-9.32	-	-	314	374	H
6	* 5.43071	45.99	RMS	34.5	1.06	-35.12	46.43	54	-7.57	-	-	314	374	H
8	* 5.43071	45.99	RMS	34.5	1.06	-35.12	46.43	54	-7.57	-	-	314	374	H
4	5.46771	59.24	Pk	34.5	0	-34.94	58.8	-	-	68.2	-9.4	314	374	H
3	5.47	56.55	Pk	34.5	0	-34.97	56.08	-	-	68.2	-12.12	314	374	H
7	5.47	45.58	RMS	34.5	1.06	-34.97	46.17	-	-	-	-	314	374	H

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

### VERTICAL RESULT



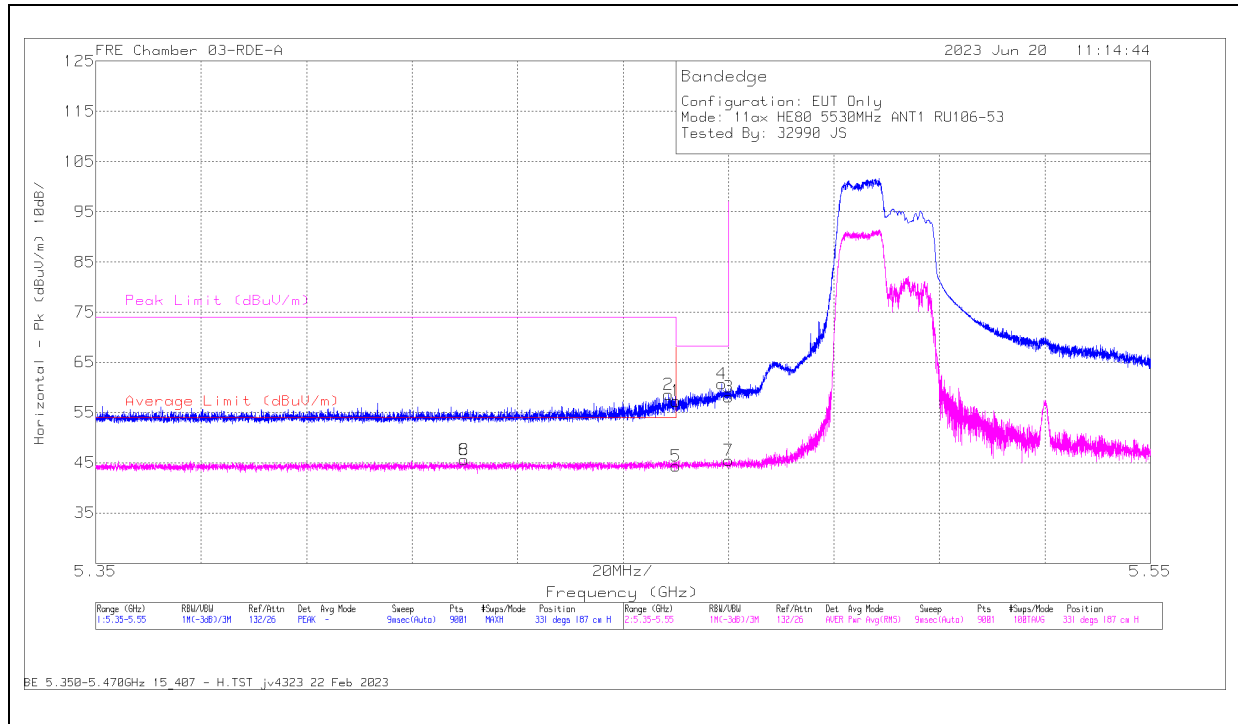
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.46	59.86	Pk	34.5	0	-35	59.36	-	-	68.2	-8.84	198	334	V
2	*5.453888	63.12	Pk	34.5	0	-35.05	62.57	-	-	74	-11.43	198	334	V
5	*5.46	47.56	RMS	34.5	1.06	-35	48.12	54	-5.88	-	-	198	334	V
6	*5.452599	49.06	RMS	34.5	1.06	-35.04	49.58	54	-4.42	-	-	198	334	V
8	*5.452599	49.06	RMS	34.5	1.06	-35.04	49.58	54	-4.42	-	-	198	334	V
4	5.468954	63.46	Pk	34.5	0	-34.95	63.01	-	-	68.2	-5.19	198	334	V
3	5.47	60.73	Pk	34.5	0	-34.97	60.26	-	-	68.2	-7.94	198	334	V
7	5.47	47.55	RMS	34.5	1.06	-34.97	48.14	-	-	-	-	198	334	V

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

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

**BANDEDGE (LOW CHANNEL)**

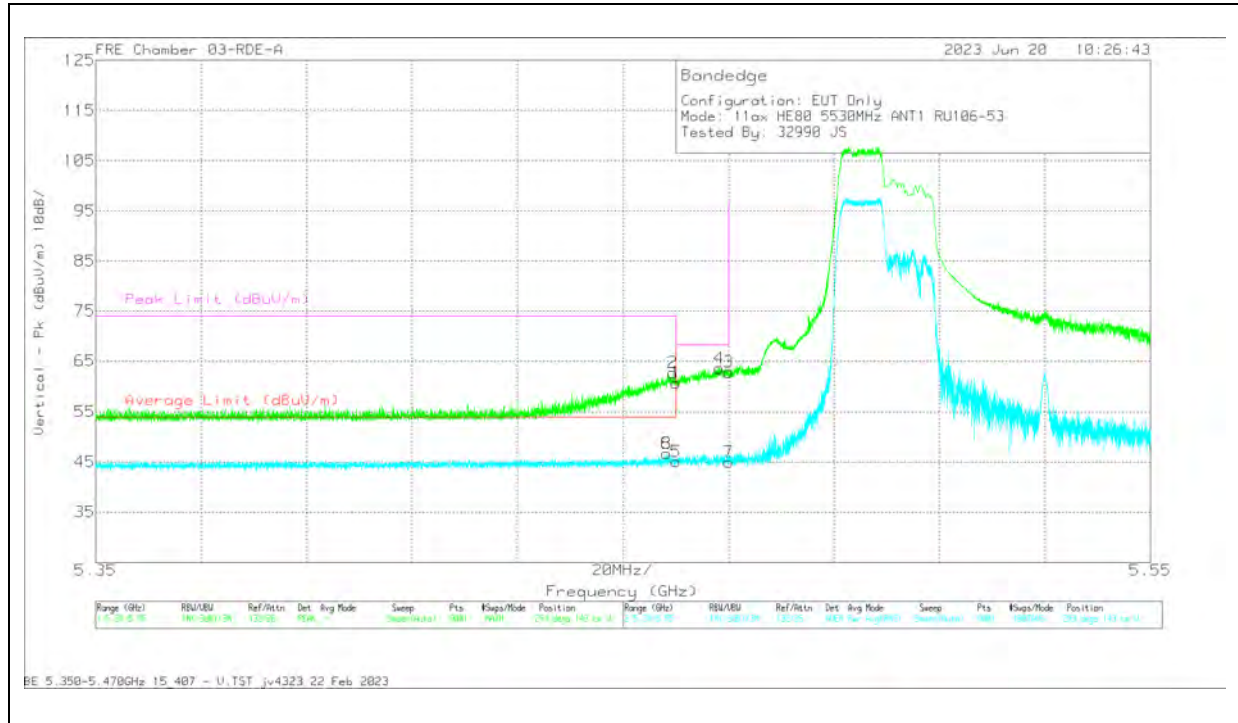
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 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	60.64	Pk	35	0	-38.35	57.29	-	-	68.2	-10.91	331	187	H
2	*5.458577	62.01	Pk	35	0	-38.36	58.65	-	-	74	-15.35	331	187	H
5	* 5.46	46.62	RMS	35	.54	-38.35	43.81	54	-10.19	-	-	331	187	H
6	*5.419888	47.93	RMS	35	.54	-38.35	45.12	54	-8.88	-	-	331	187	H
8	*5.419888	47.93	RMS	35	.54	-38.35	45.12	54	-8.88	-	-	331	187	H
4	5.46871	64.04	Pk	35	0	-38.32	60.72	-	-	68.2	-7.48	331	187	H
3	5.47	61.44	Pk	35	0	-38.3	58.14	-	-	68.2	-10.06	331	187	H
7	5.47	47.67	RMS	35	.54	-38.3	44.91	-	-	-	-	331	187	H

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

### VERTICAL RESULT



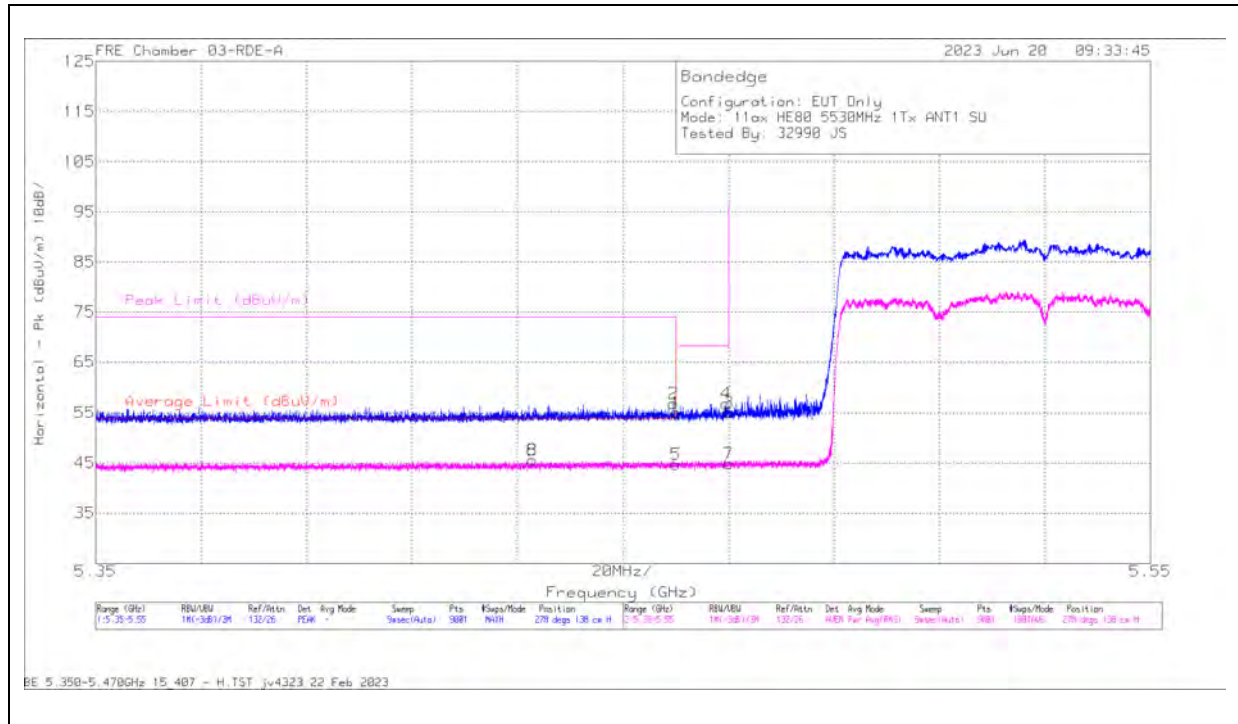
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	64.06	Pk	35	0	-38.35	60.71	-	-	68.2	-7.49	293	143	V
2	*5.459399	66.08	Pk	35	0	-38.36	62.72	-	-	74	-11.28	293	143	V
5	* 5.46	47.33	RMS	35	.54	-38.35	44.52	54	-9.48	-	-	293	143	V
6	*5.458288	49	RMS	35	.54	-38.35	46.19	54	-7.81	-	-	293	143	V
8	*5.458288	49	RMS	35	.54	-38.35	46.19	54	-7.81	-	-	293	143	V
4	5.468265	66.99	Pk	35	0	-38.33	63.66	-	-	68.2	-4.54	293	143	V
3	5.47	66.21	Pk	35	0	-38.3	62.91	-	-	68.2	-5.29	293	143	V
7	5.47	47.23	RMS	35	.54	-38.3	44.47	-	-	-	-	293	143	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 (LOW CHANNEL)**

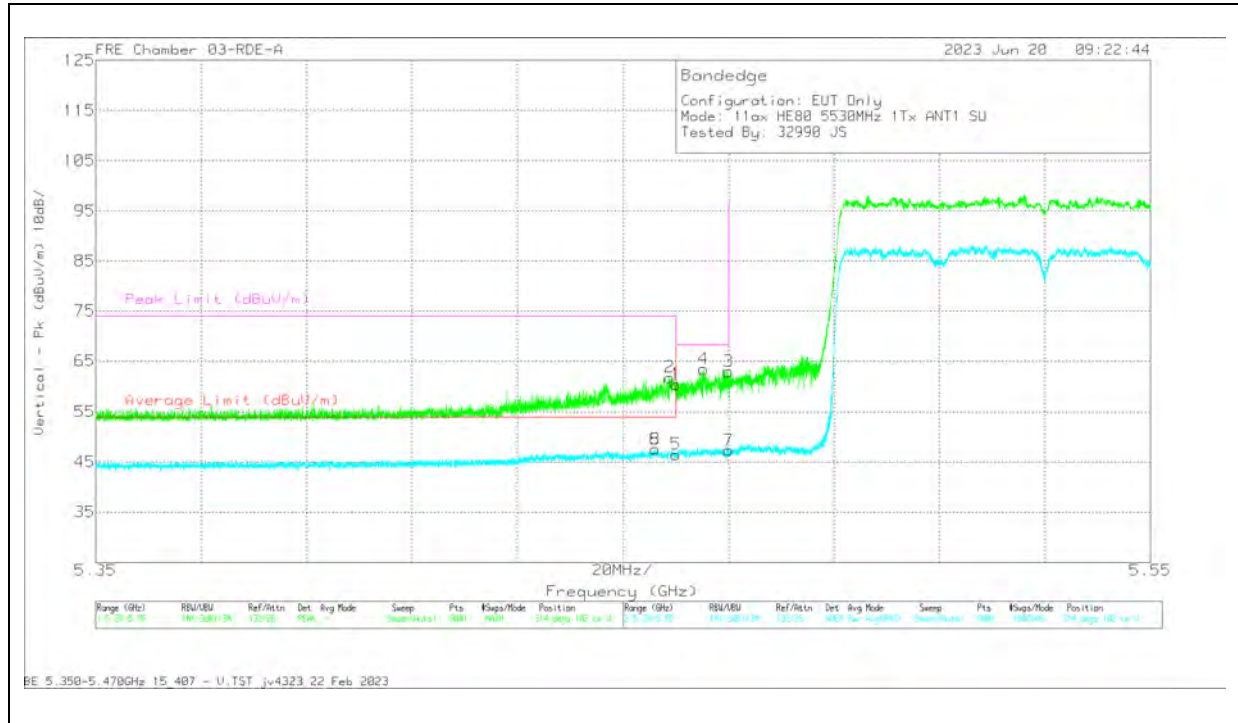
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 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	58.49	Pk	35	0	-38.35	55.14	-	-	68.2	-13.06	278	138	H
2	*5.459532	60.19	Pk	35	0	-38.35	56.84	-	-	74	-17.16	278	138	H
5	* 5.46	46.95	RMS	35	1.06	-38.35	44.66	54	-9.34	-	-	278	138	H
6	*5.432844	47.93	RMS	35	1.06	-38.38	45.61	54	-8.39	-	-	278	138	H
8	*5.432844	47.93	RMS	35	1.06	-38.38	45.61	54	-8.39	-	-	278	138	H
4	5.469488	60.2	Pk	35	0	-38.31	56.89	-	-	68.2	-11.31	278	138	H
3	5.47	58.43	Pk	35	0	-38.3	55.13	-	-	68.2	-13.07	278	138	H
7	5.47	47.08	RMS	35	1.06	-38.3	44.84	-	-	-	-	278	138	H

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

### VERTICAL RESULT



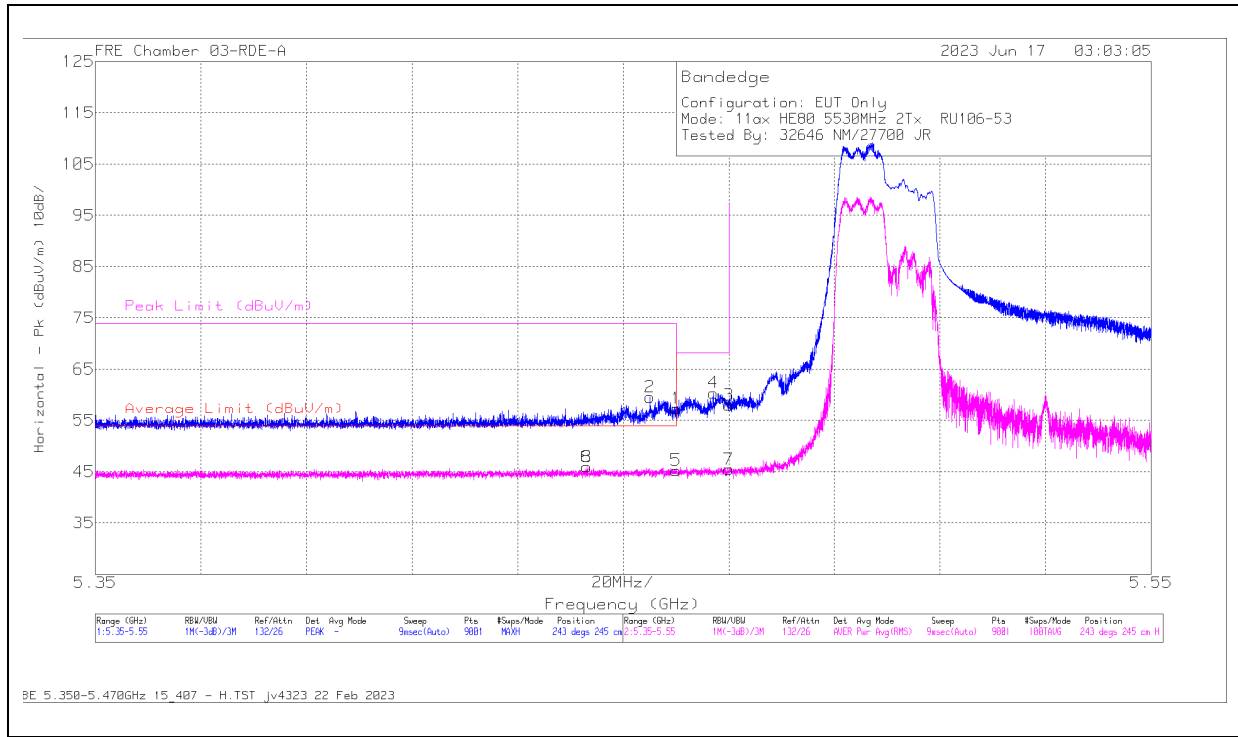
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	63.8	Pk	35	0	-38.35	60.45	-	-	68.2	-7.75	314	102	V
2	*5.458888	65.23	Pk	35	0	-38.36	61.87	-	-	74	-12.13	314	102	V
5	* 5.46	48.82	RMS	35	1.06	-38.35	46.53	54	-7.47	-	-	314	102	V
6	*5.456088	49.87	RMS	35	1.06	-38.31	47.62	54	-6.38	-	-	314	102	V
8	*5.456088	49.87	RMS	35	1.06	-38.31	47.62	54	-6.38	-	-	314	102	V
4	5.465221	66.82	Pk	35	0	-38.32	63.5	-	-	68.2	-4.7	314	102	V
3	5.47	66.29	Pk	35	0	-38.3	62.99	-	-	68.2	-5.21	314	102	V
7	5.47	49.53	RMS	35	1.06	-38.3	47.29	-	-	-	-	314	102	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-Tone, RU Index 53**

**BANDEDGE (LOW CHANNEL)**

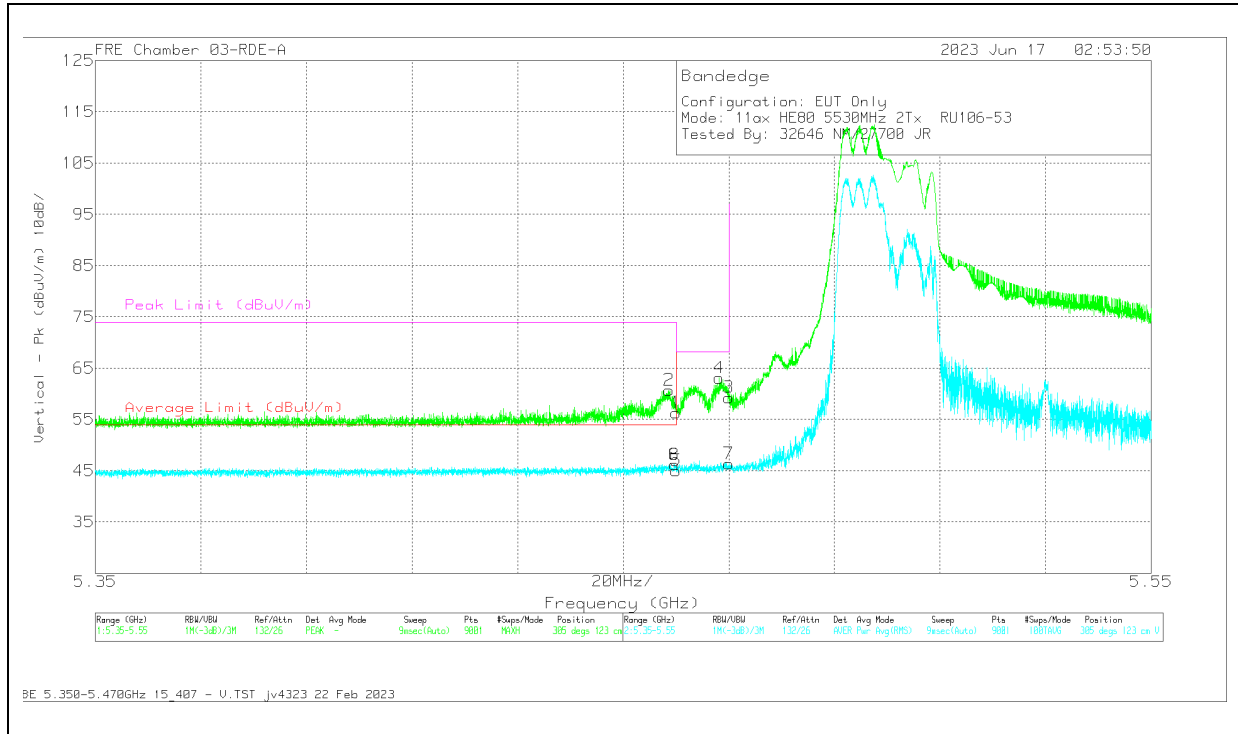
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 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	60.66	Pk	35	0	-38.35	57.31	-	-	68.2	-10.89	243	245	H
2	*5.455088	62.84	Pk	35	0	-38.3	59.54	-	-	74	-14.46	243	245	H
5	* 5.46	47.54	RMS	35	.54	-38.35	44.73	54	-9.27	-	-	243	245	H
6	*5.443088	48.21	RMS	35	.54	-38.33	45.42	54	-8.58	-	-	243	245	H
8	*5.443088	48.21	RMS	35	.54	-38.33	45.42	54	-8.58	-	-	243	245	H
4	5.46711	63.7	Pk	35	0	-38.33	60.37	-	-	68.2	-7.83	243	245	H
3	5.47	61.27	Pk	35	0	-38.3	57.97	-	-	68.2	-10.23	243	245	H
7	5.47	47.69	RMS	35	.54	-38.3	44.93	-	-	-	-	243	245	H

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

### VERTICAL RESULT



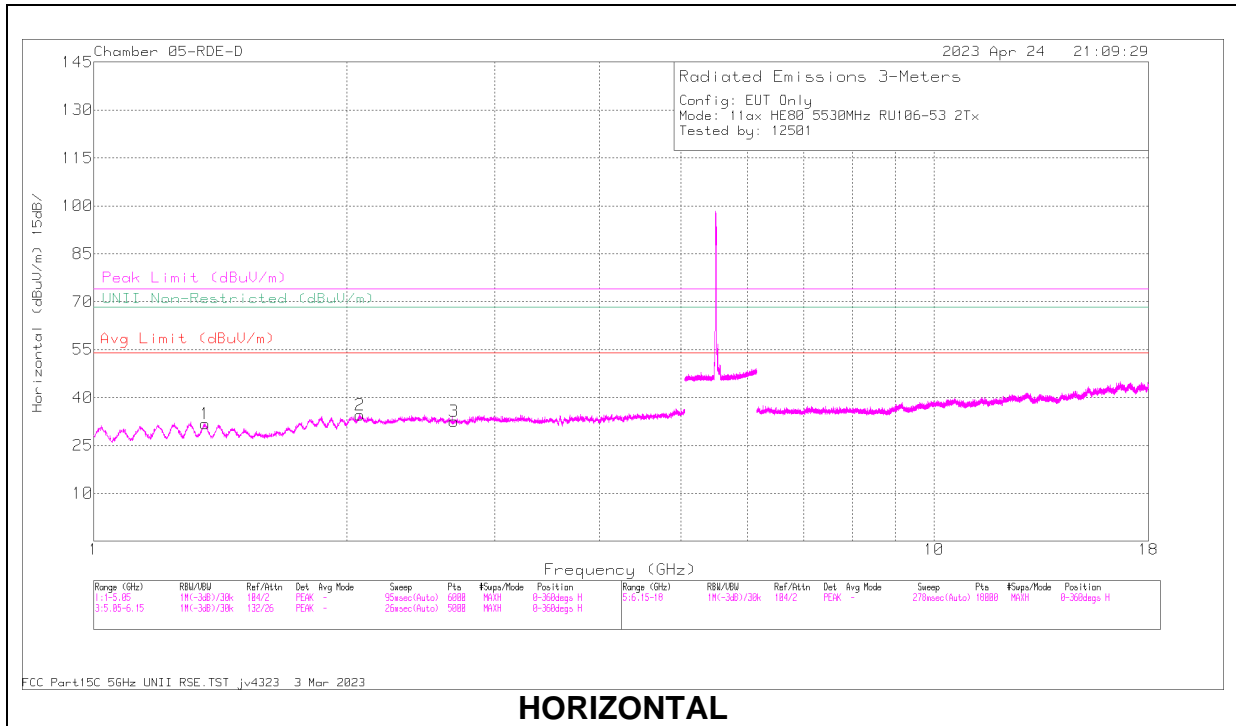
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	59.65	Pk	35	0	-38.35	56.3	-	-	68.2	-11.9	305	123	V
2	*5.458666	64.05	Pk	35	0	-38.35	60.69	-	-	74	-13.31	305	123	V
5	* 5.46	47.31	RMS	35	.54	-38.35	44.50	54	-9.50	-	-	305	123	V
6	*5.459666	48.47	RMS	35	.54	-38.35	45.66	54	-8.34	-	-	305	123	V
8	*5.459666	48.47	RMS	35	.54	-38.35	45.66	54	-8.34	-	-	305	123	V
4	5.46811	66.43	Pk	35	0	-38.33	63.1	-	-	68.2	-5.1	305	123	V
3	5.47	62.56	Pk	35	0	-38.3	59.26	-	-	68.2	-8.94	305	123	V
7	5.47	48.6	RMS	35	.54	-38.3	45.84	-	-	-	-	305	123	V

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

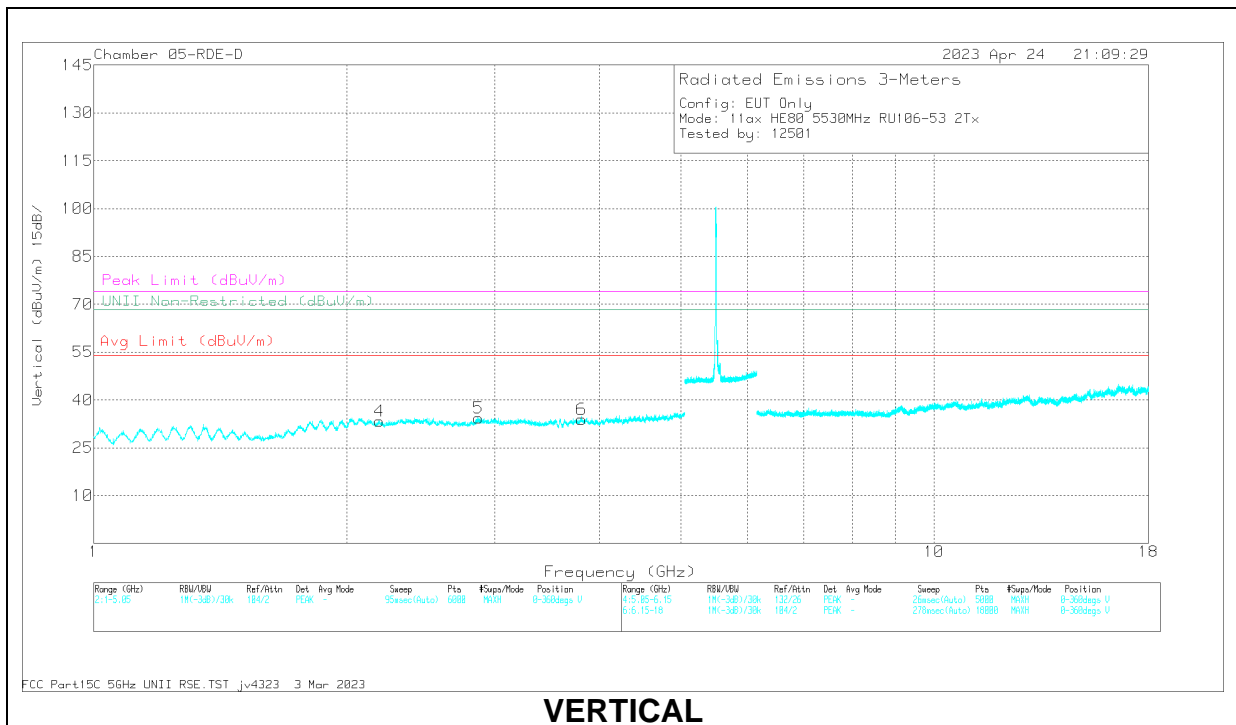


**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



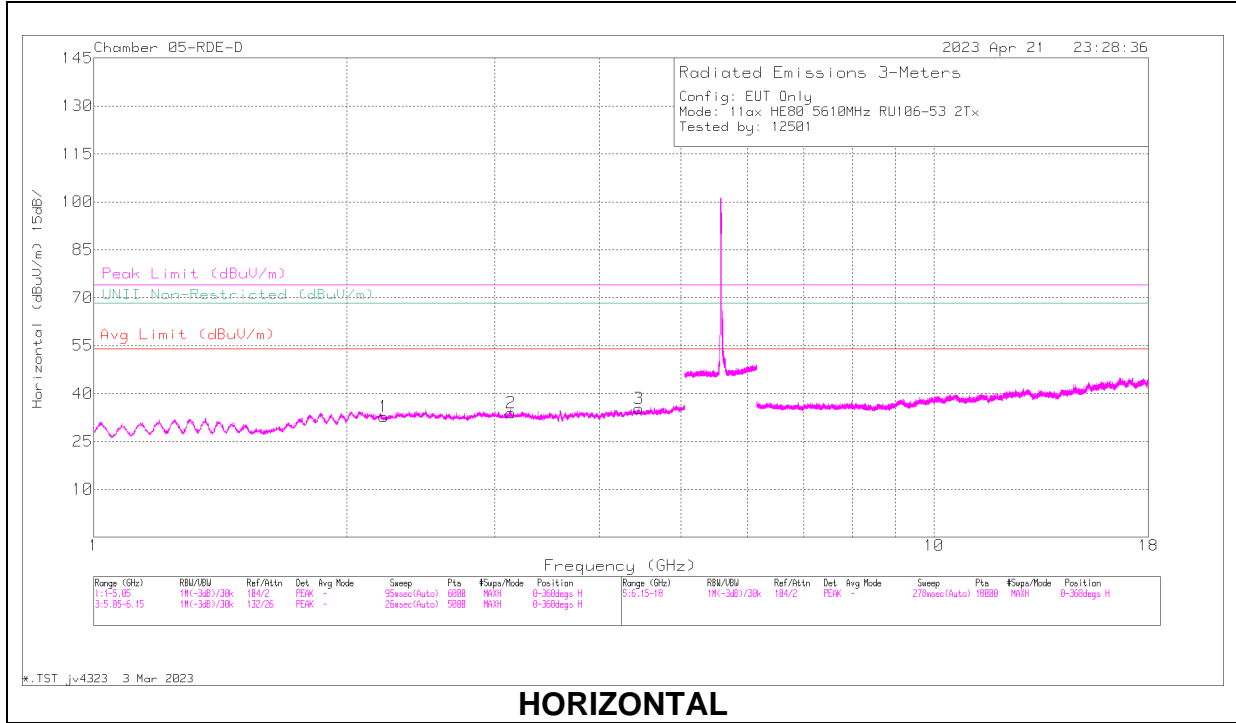
**VERTICAL**

**RADIATED EMISSIONS**

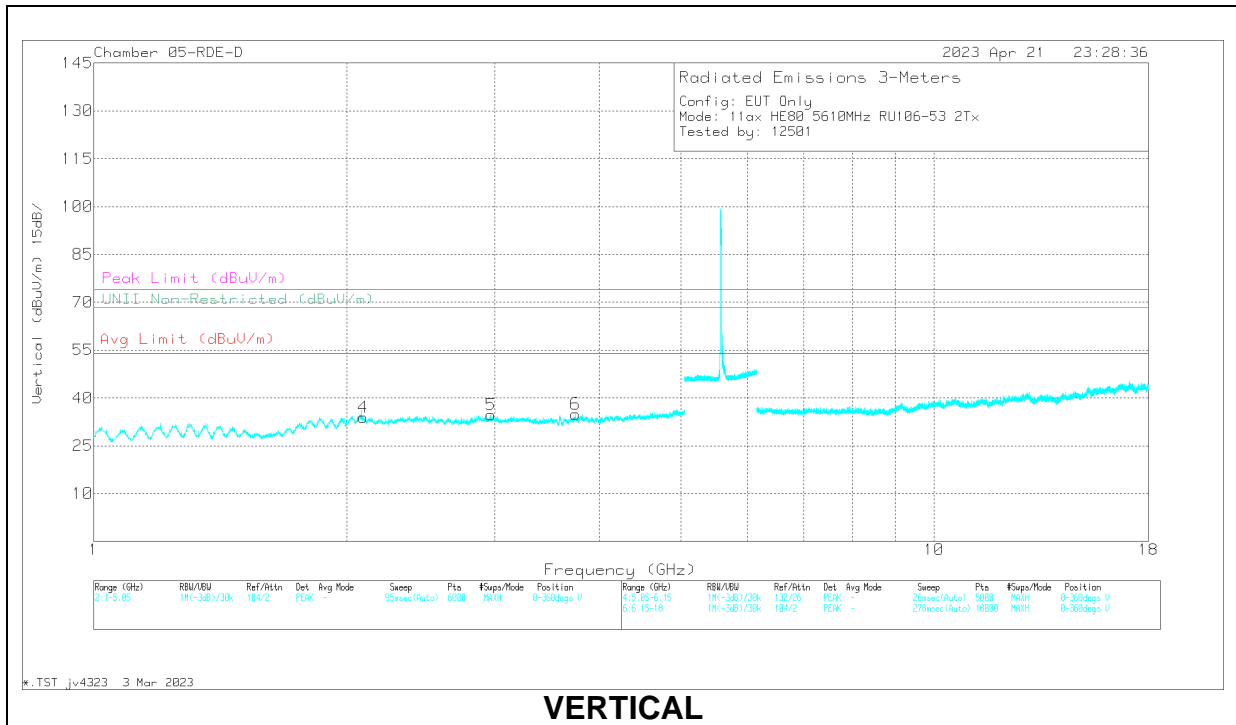
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*1.355772	61.82	PK-U	29	-49.53	41.29	-	-	74	-32.71	-	-	0	101	H
	*1.354699	50.49	ADR	29	-49.53	29.96	54	-24.04	-	-	-	-	0	101	H
2	2.077165	62.05	PK-U	31.7	-49.41	44.34	-	-	-	-	68.2	-23.86	0	101	H
	2.187761	60.88	PK-U	31.6	-49.42	43.06	-	-	-	-	68.2	-25.14	0	101	V
3	*2.68533	59.84	PK-U	32.1	-48.85	43.09	-	-	74	-30.91	-	-	0	200	H
	*2.687569	48.04	ADR	32.1	-48.9	31.24	54	-22.76	-	-	-	-	0	200	H
5	*2.869921	60.41	PK-U	32.7	-48.35	44.76	-	-	74	-29.24	-	-	0	200	V
	*2.867301	48.16	ADR	32.7	-48.37	32.49	54	-21.51	-	-	-	-	0	200	V
6	*3.805416	57.52	PK-U	33.5	-47.11	43.91	-	-	74	-30.09	-	-	0	101	V
	*3.805471	45.99	ADR	33.5	-47.1	32.39	54	-21.61	-	-	-	-	0	101	V

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

### HIGH CHANNEL RESULTS



**HORIZONTAL**



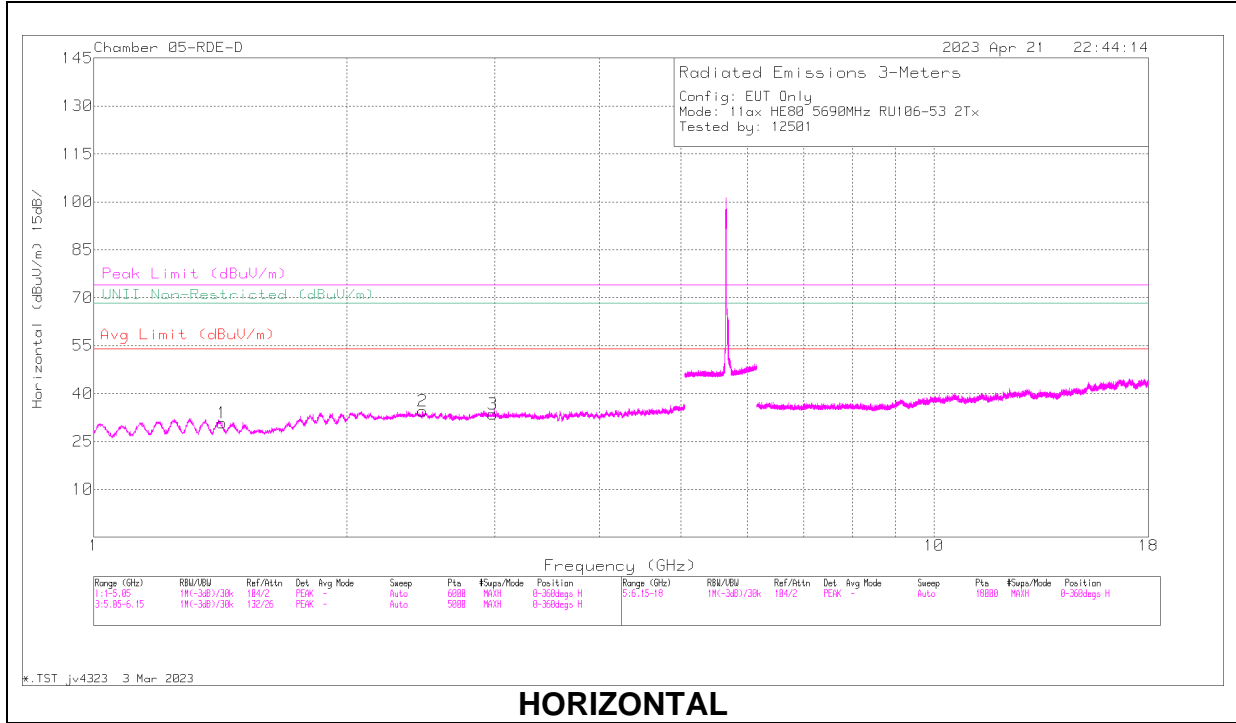
**VERTICAL**

**RADIATED EMISSIONS**

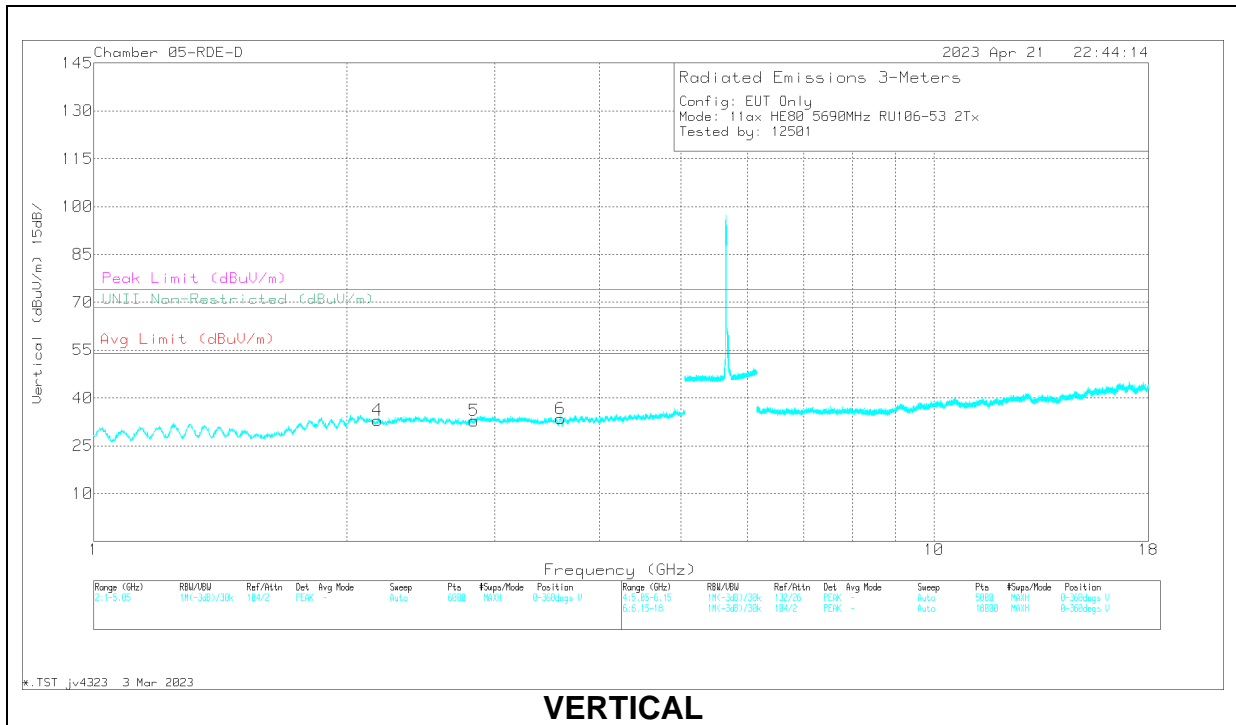
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	2.089302	61.4	PK-U	31.7	-49.34	43.76	-	-	-	-	68.2	-24.44	360	101	V
1	*2.215816	60.68	PK-U	31.6	-49.52	42.76	-	-	74	-31.24	-	-	360	200	H
	*2.214332	49.04	ADR	31.6	-49.5	31.14	54	-22.86	-	-	-	-	360	200	H
5	2.968451	59.19	PK-U	33	-48.16	44.03	-	-	-	-	68.2	-24.17	360	101	V
2	3.136667	58.77	PK-U	33.1	-47.79	44.08	-	-	-	-	68.2	-24.12	360	200	H
6	*3.743058	57.97	PK-U	33.4	-47.11	44.26	-	-	74	-29.74	-	-	360	200	V
	*3.746685	46.12	ADR	33.4	-47	32.52	54	-21.48	-	-	-	-	360	200	V
3	4.452436	58.21	PK-U	33.9	-47.42	44.69	-	-	-	-	68.2	-23.51	360	200	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

### CHANNEL 138 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 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	*1.423074	61.46	PK-U	28.4	-49.46	40.4	-	-	74	-33.6	-	-	360	200	H
	*1.419272	49.89	ADR	28.4	-49.47	28.82	54	-25.18	-	-	-	-	360	200	H
4	2.17802	60.83	PK-U	31.6	-49.46	42.97	-	-	-	-	68.2	-25.23	360	101	V
2	2.4612	60.84	PK-U	32.4	-49.37	43.87	-	-	-	-	68.2	-24.33	360	200	H
5	*2.831766	59.29	PK-U	32.4	-48.71	42.98	-	-	74	-31.02	-	-	360	174	V
	*2.832566	47.61	ADR	32.4	-48.69	31.32	54	-22.68	-	-	-	-	360	174	V
3	2.982708	58.94	PK-U	33.1	-48.18	43.86	-	-	-	-	68.2	-24.34	360	101	H
6	*3.5911	58.43	PK-U	33	-47.07	44.36	-	-	74	-29.64	-	-	360	148	V
	*3.590599	46.54	ADR	33	-47.11	32.43	54	-21.57	-	-	-	-	360	148	V

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

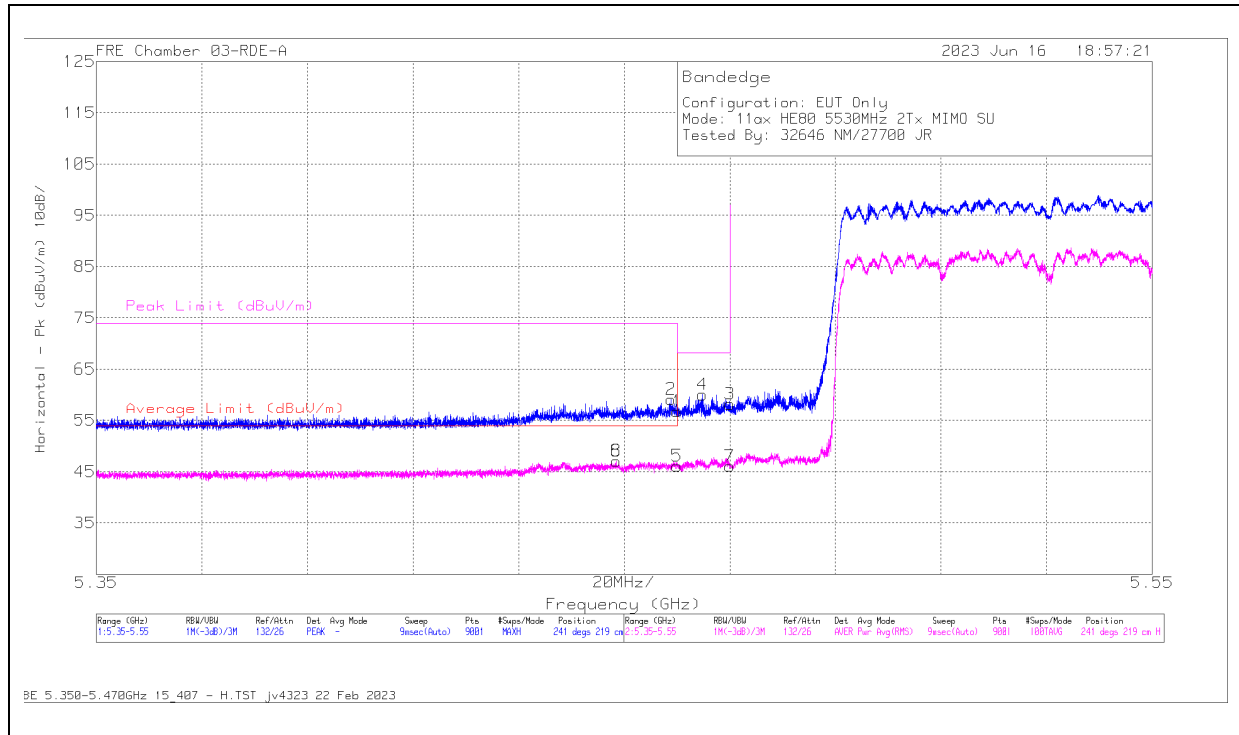
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

**BANDEDGE (LOW CHANNEL)**

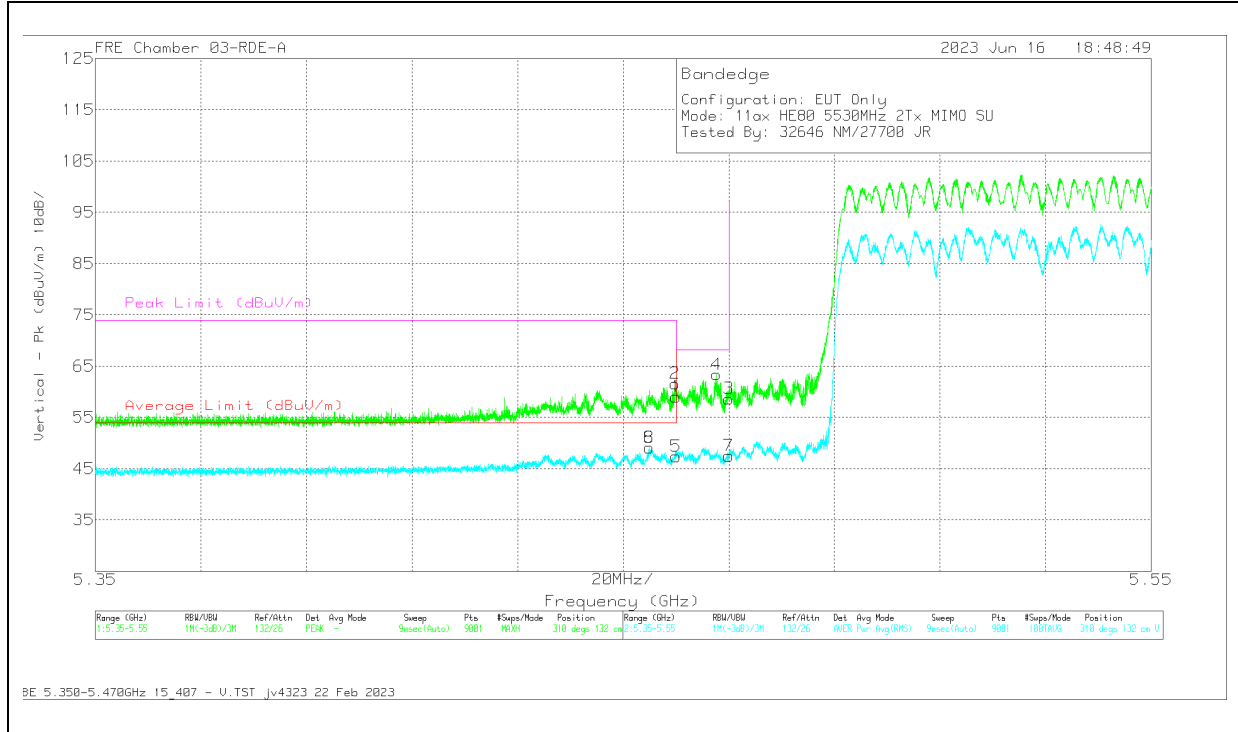
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 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	60.11	Pk	35	0	-38.35	56.76	-	-	68.2	-11.44	241	219	H
2	*5.458866	62.46	Pk	35	0	-38.36	59.1	-	-	74	-14.9	241	219	H
5	* 5.46	48.4	RMS	35	1.06	-38.35	46.11	54	-7.89	-	-	241	219	H
6	*5.448466	49.4	RMS	35	1.06	-38.36	47.1	54	-6.9	-	-	241	219	H
8	*5.448466	49.4	RMS	35	1.06	-38.36	47.1	54	-6.9	-	-	241	219	H
4	5.464799	63.34	Pk	35	0	-38.32	60.02	-	-	68.2	-8.18	241	219	H
3	5.47	61.49	Pk	35	0	-38.3	58.19	-	-	68.2	-10.01	241	219	H
7	5.47	48.32	RMS	35	1.06	-38.3	46.08	-	-	-	-	241	219	H

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

### VERTICAL RESULT



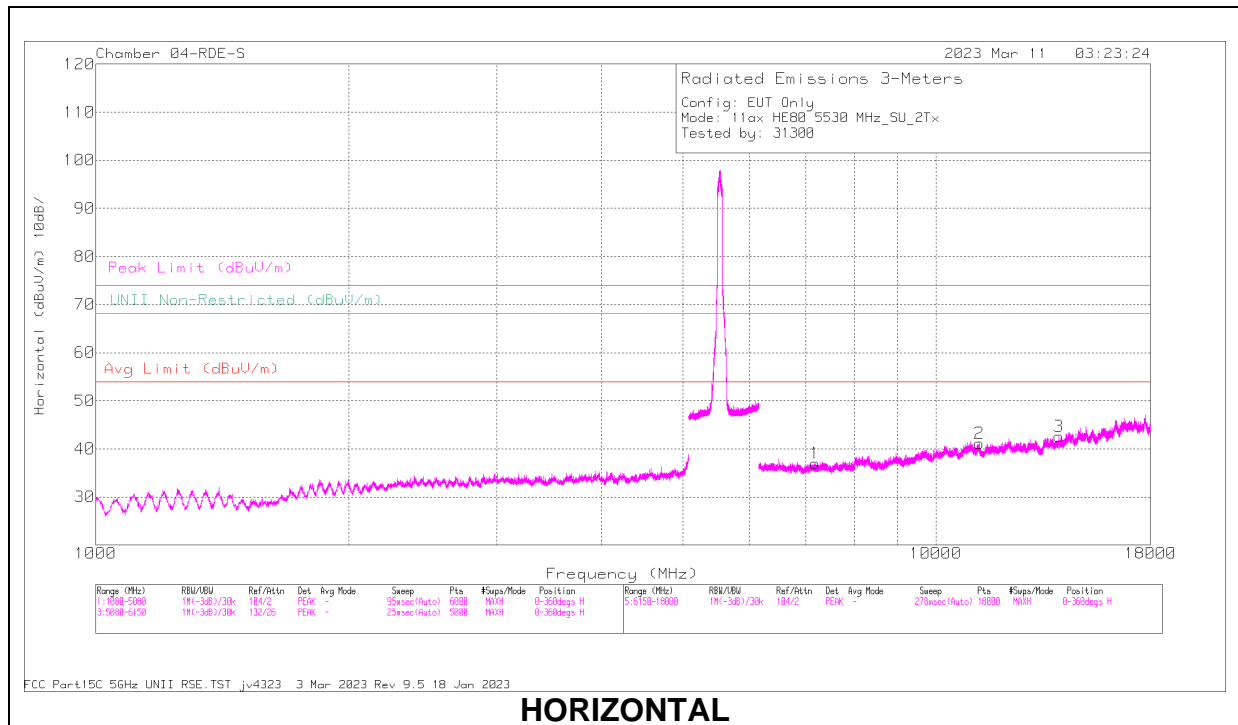
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	62.39	Pk	35	0	-38.35	59.04	-	-	68.2	-9.16	310	132	V
2	*5.459843	64.94	Pk	35	0	-38.35	61.59	-	-	74	-12.41	310	132	V
5	* 5.46	49.68	RMS	35	1.06	-38.35	47.39	54	-6.61	-	-	310	132	V
6	* 5.45491	51.35	RMS	35	1.06	-38.3	49.11	54	-4.89	-	-	310	132	V
8	* 5.45491	51.35	RMS	35	1.06	-38.3	49.11	54	-4.89	-	-	310	132	V
4	5.467665	66.69	Pk	35	0	-38.33	63.36	-	-	68.2	-4.84	310	132	V
3	5.47	61.95	Pk	35	0	-38.3	58.65	-	-	68.2	-9.55	310	132	V
7	5.47	49.75	RMS	35	1.06	-38.3	47.51	-	-	-	-	310	132	V

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

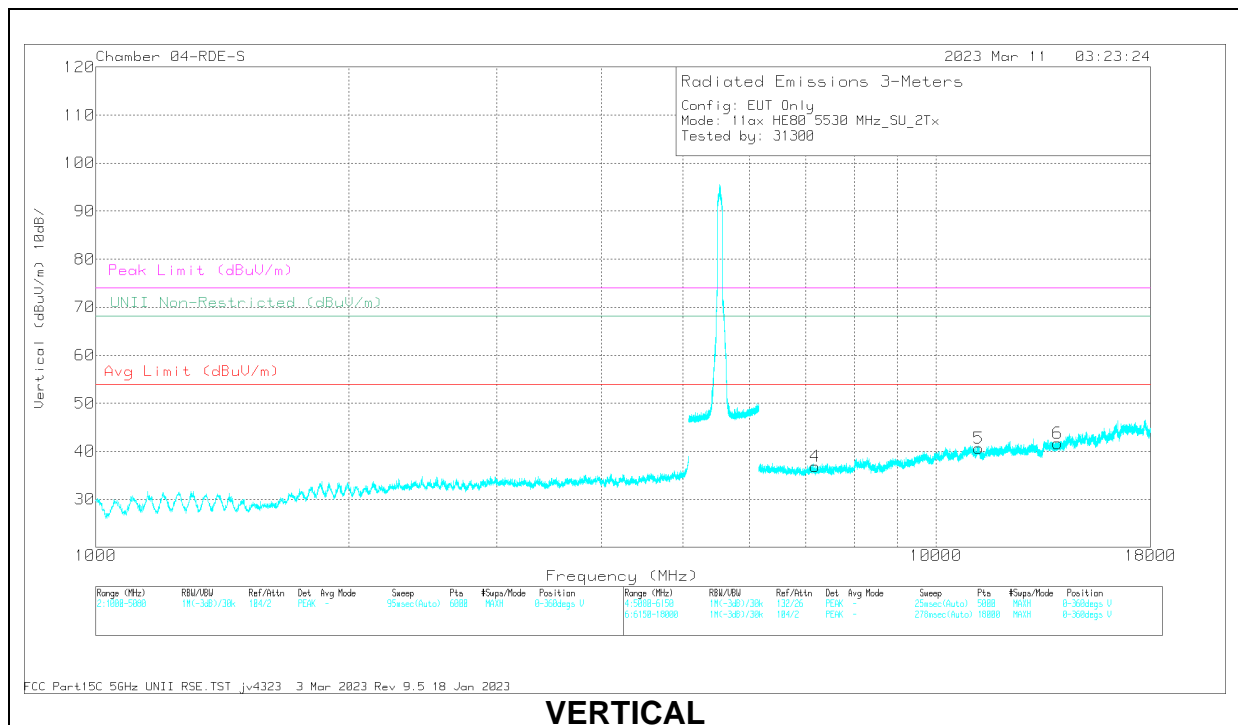


**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



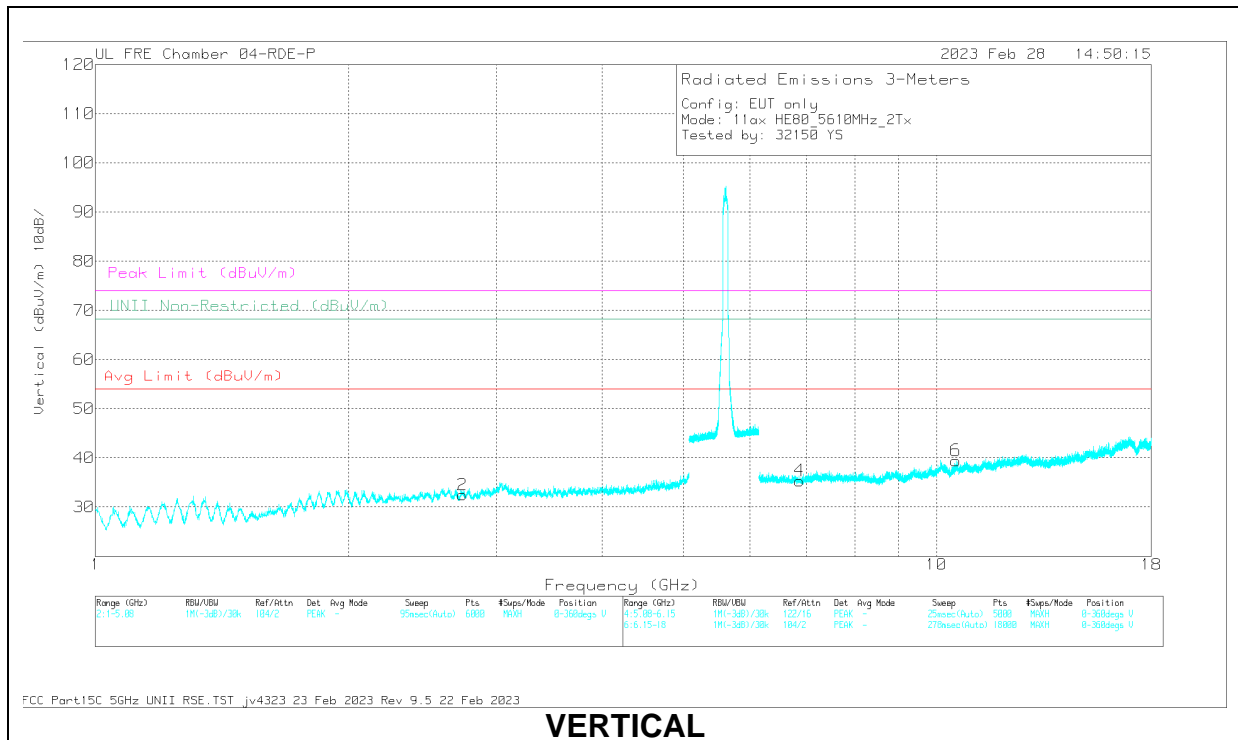
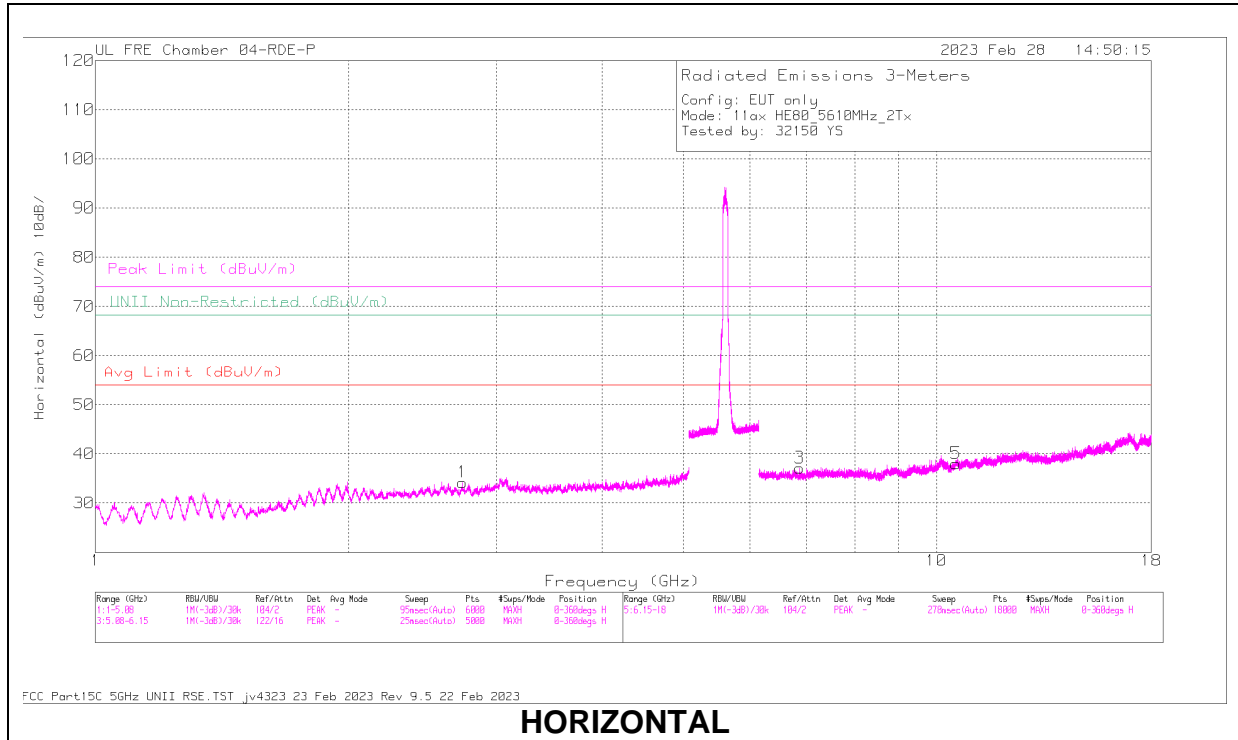
**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200784 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	7177.618	54.1	PK-U	35.8	0	-43.51	46.39	-	-	-	-	68.2	-21.81	0	107	H
4	7178.203	54.3	PK-U	35.8	0	-43.51	46.59	-	-	-	-	68.2	-21.61	79	189	V
5	11250.594	51.78	PK-U	37.9	0	-39.78	49.9	-	-	74	-24.1	-	-	120	175	V
	11251.041	40.65	ADR	37.9	21	-39.79	38.97	54	-15.03	-	-	-	-	120	175	V
2	11256.504	52.25	PK-U	37.9	0	-39.84	50.31	-	-	74	-23.69	-	-	25	134	H
	11257.689	40.46	ADR	37.9	21	-39.7	38.87	54	-15.13	-	-	-	-	25	134	H
6	13960.225	53.75	PK-U	38.7	0	-41.56	50.89	-	-	-	-	68.2	-17.31	152	199	V
3	14011.541	54.18	PK-U	38.9	0	-41.3	51.78	-	-	-	-	68.2	-16.42	58	154	H

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

### HIGH CHANNEL RESULTS

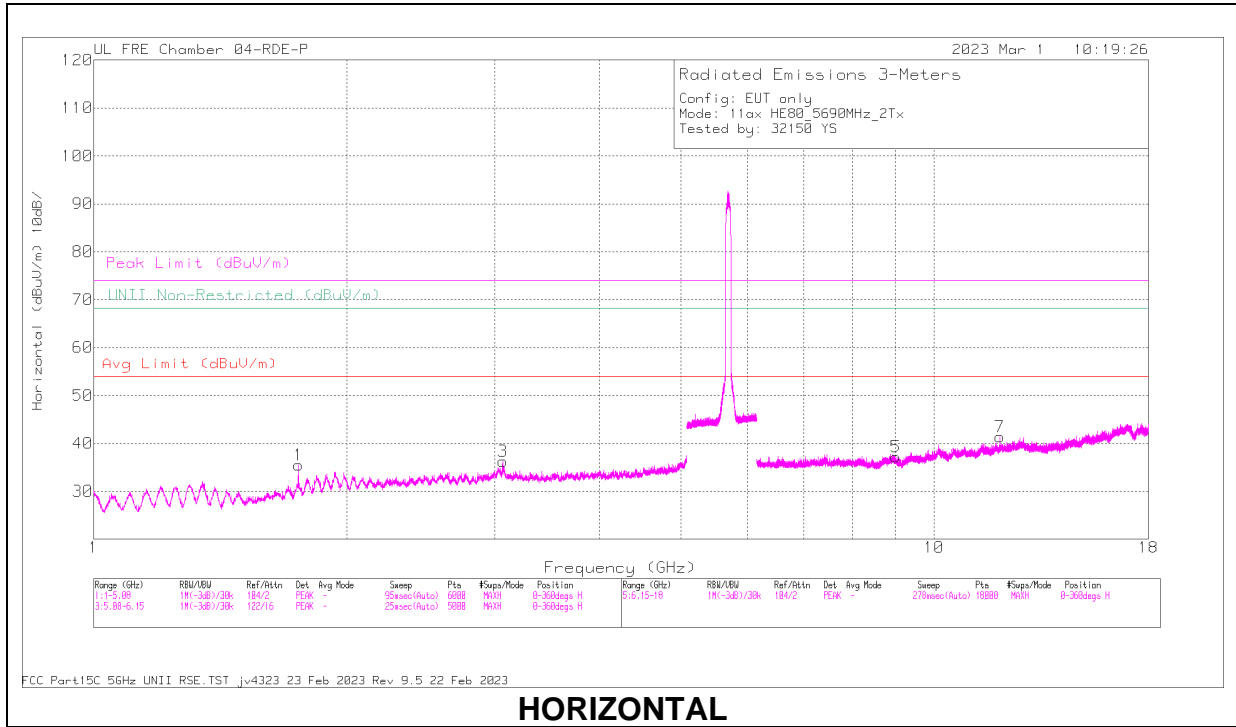


**RADIATED EMISSIONS**

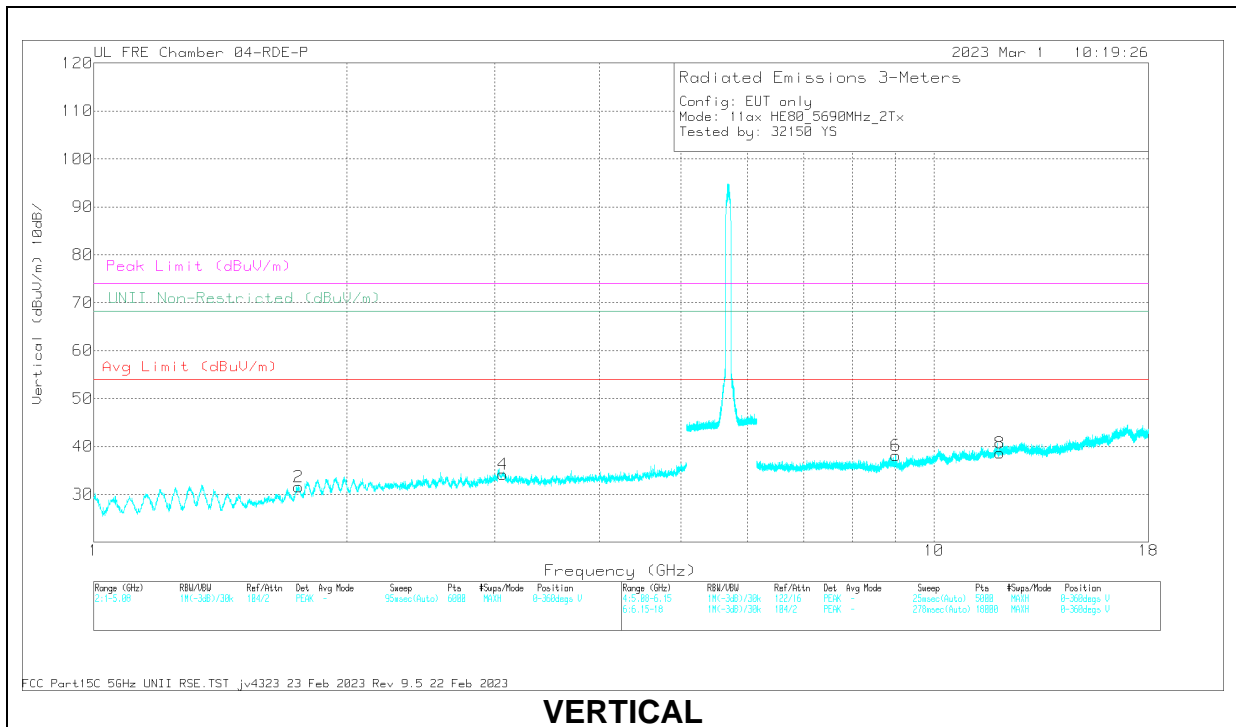
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.734583	60.21	PK-U	32.2	0	-49.08	43.33	-	-	74	-30.67	-	-	205	238	H
	*2.734415	48.63	ADR	32.2	21	-49.08	31.96	54	-22.04	-	-	-	-	205	238	H
2	* 2.7341	60.25	PK-U	32.2	0	-49.1	43.35	-	-	74	-30.65	-	-	185	250	V
	*2.733824	48.7	ADR	32.2	21	-49.09	32.02	54	-21.98	-	-	-	-	185	250	V
4	6.870381	55.37	PK-U	35.5	0	-44.85	46.02	-	-	-	-	68.2	-22.18	228	244	V
3	6.87285	55.24	PK-U	35.5	0	-45.03	45.71	-	-	-	-	68.2	-22.49	185	182	H
5	10.544144	55.81	PK-U	37.4	0	-44.21	49	-	-	-	-	68.2	-19.2	211	178	H
6	10.546134	56.05	PK-U	37.4	0	-44.19	49.26	-	-	-	-	68.2	-18.94	196	232	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	222740 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
5	*9.009276	51.14	PK-U	36	0	-42.86	44.28	-	-	74	-29.72	-	-	220	130	H
	*9.009276	40.76	ADR	36	.21	-42.86	33.9	54	-20.1	-	-	-	-	220	130	H
7	*11.977208	51.5	PK-U	38.6	0	-43.42	46.68	-	-	74	-27.32	-	-	243	160	H
	*11.977208	42.4	ADR	38.6	.21	-43.42	37.58	54	-16.42	-	-	-	-	243	160	H
6	*9.009276	50.68	PK-U	36	0	-42.86	43.82	-	-	74	-30.18	-	-	211	195	V
	*9.009276	41.05	ADR	36	.21	-42.86	34.19	54	-19.81	-	-	-	-	211	195	V
8	*11.977208	52.74	PK-U	38.6	0	-43.42	47.92	-	-	74	-26.08	-	-	257	274	V
	*11.977208	41.53	ADR	38.6	.21	-43.42	36.71	54	-17.29	-	-	-	-	257	274	V
1	1.748223	61.25	PK-U	29.9	0	-49.18	41.97	-	-	-	-	68.2	-26.23	117	139	V
2	1.752795	61.16	PK-U	30	0	-49.23	41.93	-	-	-	-	68.2	-26.27	89	347	H
3	3.071537	58.56	PK-U	33.5	0	-47.01	45.05	-	-	-	-	68.2	-23.15	134	159	H
4	3.072922	58.7	PK-U	33.5	0	-46.98	45.22	-	-	-	-	68.2	-22.98	126	220	V

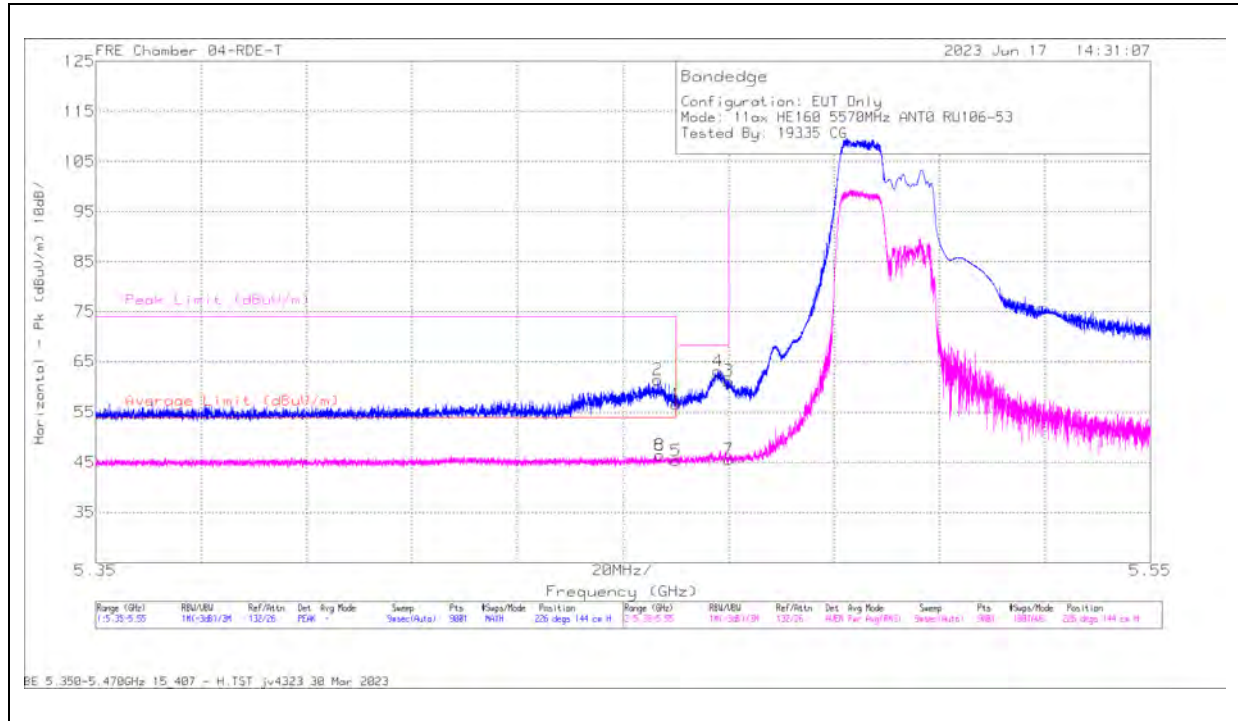
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

### 1.1.13. TX ABOVE 1 GHz 802.11ax HE160 MODE IN THE 5.6GHz BAND

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

**BANDEDGE (LOW CHANNEL)**

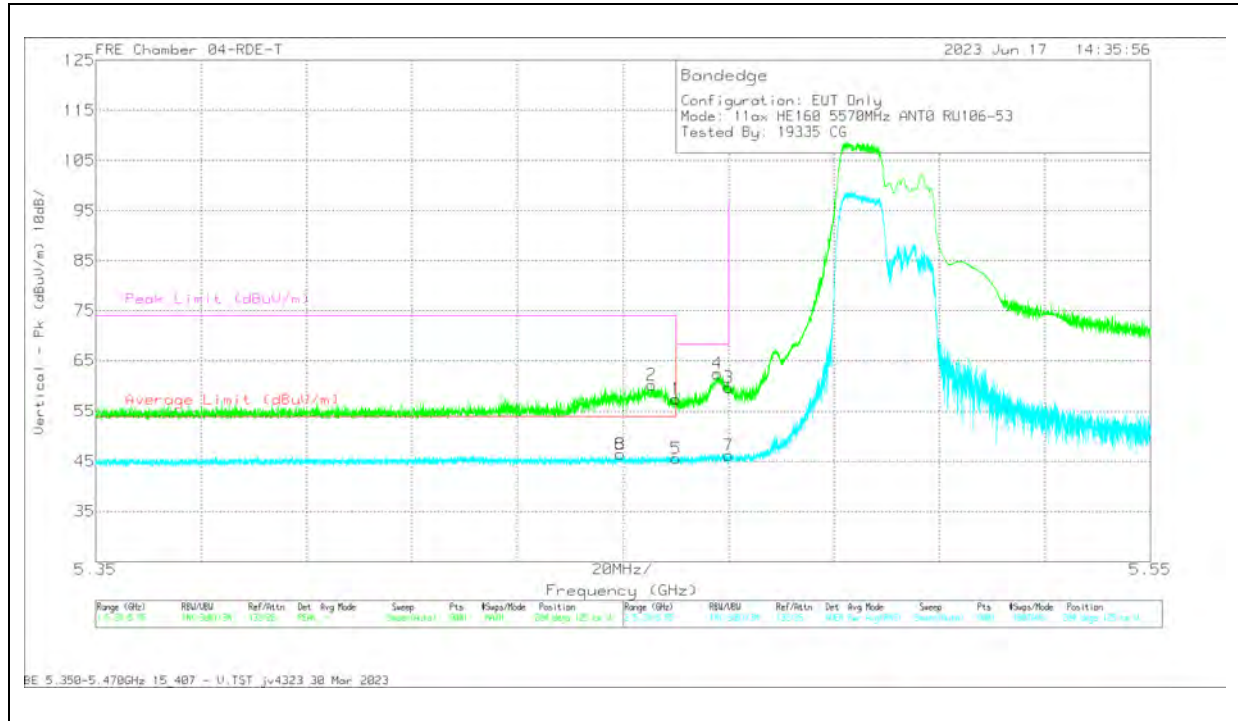
#### HORIZONTAL RESULT



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	* 5.46	57.09	Pk	34.5	0	-35	56.59	-	-	68.2	-11.61	226	144	H
2	*5.456599	62.02	Pk	34.5	0	-35.03	61.49	-	-	74	-12.51	226	144	H
5	* 5.46	44.68	RMS	34.5	.54	-35	44.72	54	-9.28	-	-	226	144	H
6	*5.456977	45.86	RMS	34.5	.54	-35.02	45.88	54	-8.12	-	-	226	144	H
8	*5.456977	45.86	RMS	34.5	.54	-35.02	45.88	54	-8.12	-	-	226	144	H
4	5.468043	63.56	Pk	34.5	0	-34.94	63.12	-	-	68.2	-5.08	226	144	H
3	5.47	61.65	Pk	34.5	0	-34.97	61.18	-	-	68.2	-7.02	226	144	H
7	5.47	44.93	RMS	34.5	.54	-34.97	45.00	-	-	-	-	226	144	H

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

### VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	*5.46	57.96	Pk	34.5	0	-35	57.46	-	-	68.2	-10.74	204	125	V
2	*5.455421	60.76	Pk	34.5	0	-35.05	60.21	-	-	74	-13.79	204	125	V
5	*5.46	44.93	RMS	34.5	.54	-35	44.97	54	-9.03	-	-	204	125	V
6	*5.449443	45.94	RMS	34.5	.54	-35.06	45.92	54	-8.08	-	-	204	125	V
8	*5.449443	45.94	RMS	34.5	.54	-35.06	45.92	54	-8.08	-	-	204	125	V
4	5.467843	62.97	Pk	34.5	0	-34.94	62.53	-	-	68.2	-5.67	204	125	V
3	5.47	60.25	Pk	34.5	0	-34.97	59.78	-	-	68.2	-8.42	204	125	V
7	5.47	45.54	RMS	34.5	.54	-34.97	45.61	-	-	-	-	204	125	V

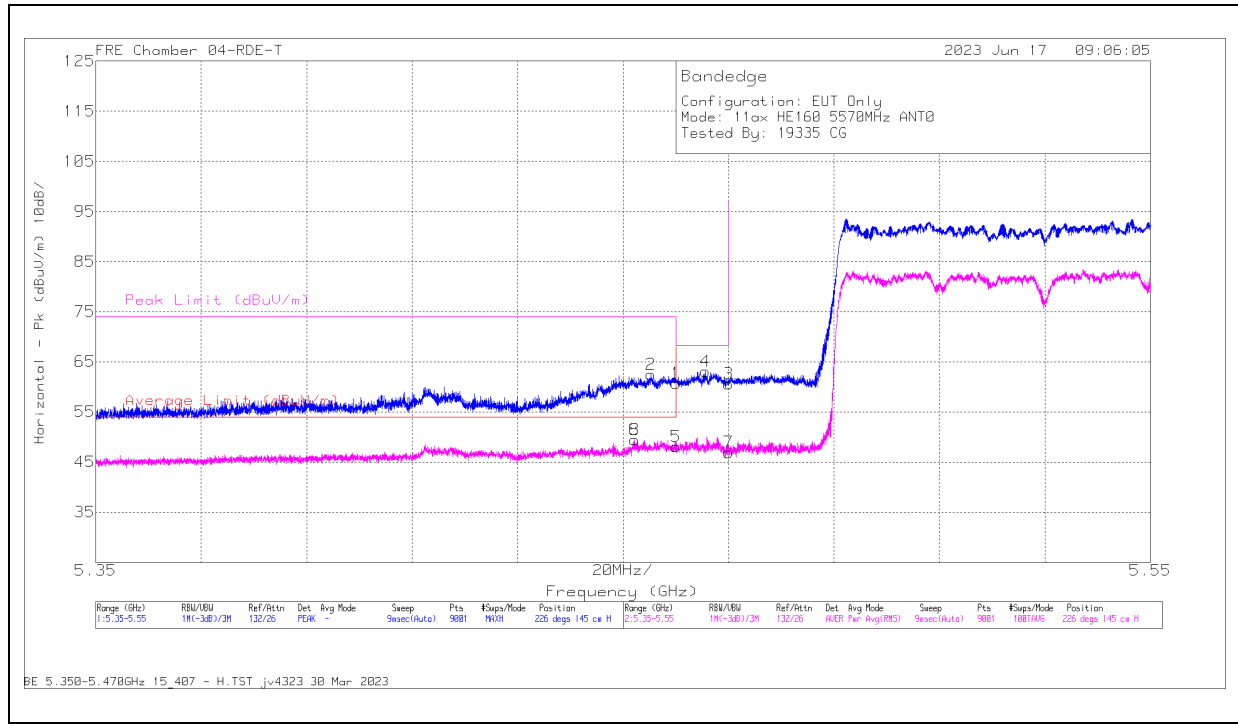
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection



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

**BANDEDGE (LOW CHANNEL)**

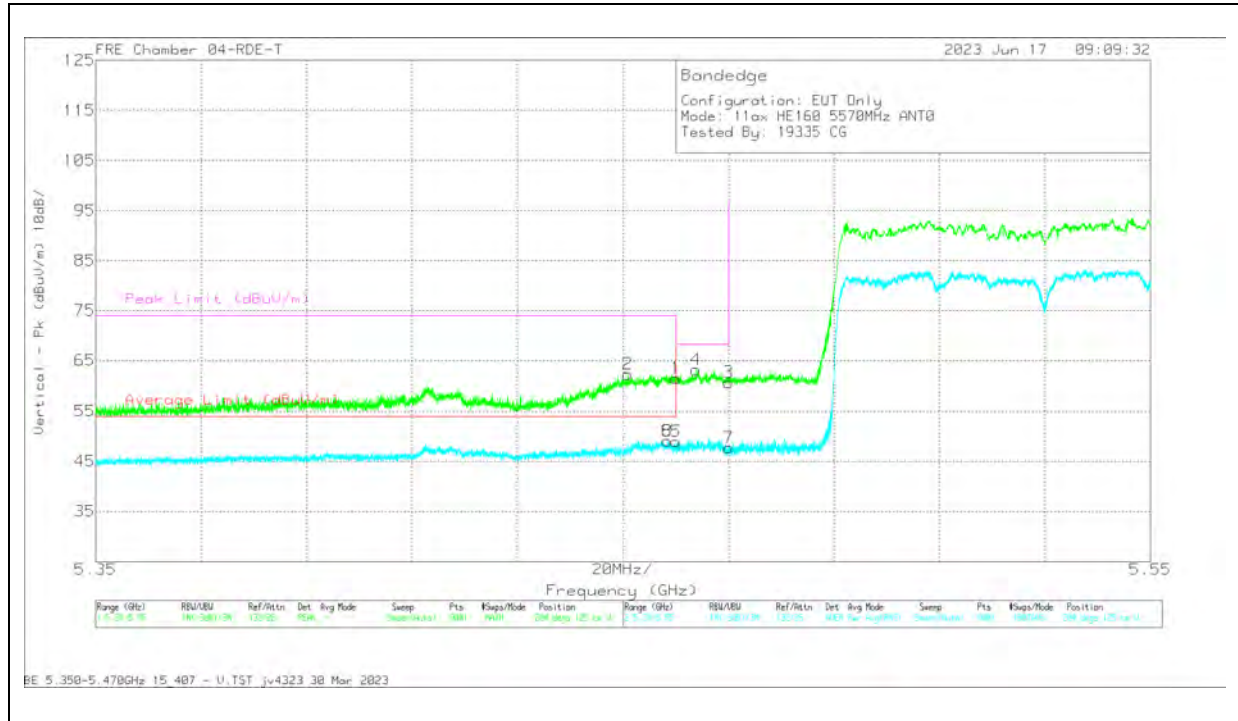
**HORIZONTAL RESULT**



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	* 5.46	61.17	Pk	34.5	0	-35	60.67	-	-	68.2	-7.53	226	145	H
2	*5.455266	63.04	Pk	34.5	0	-35.05	62.49	-	-	74	-11.51	226	145	H
5	* 5.46	47.45	RMS	34.5	1.11	-35	48.06	54	-5.94	-	-	226	145	H
6	*5.452132	48.85	RMS	34.5	1.11	-35.04	49.42	54	-4.58	-	-	226	145	H
8	*5.452132	48.85	RMS	34.5	1.11	-35.04	49.42	54	-4.58	-	-	226	145	H
4	5.465621	63.57	Pk	34.5	0	-34.94	63.13	-	-	68.2	-5.07	226	145	H
3	5.47	61.07	Pk	34.5	0	-34.97	60.6	-	-	68.2	-7.6	226	145	H
7	5.47	46.27	RMS	34.5	1.11	-34.97	46.91	-	-	-	-	226	145	H

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

### VERTICAL RESULT



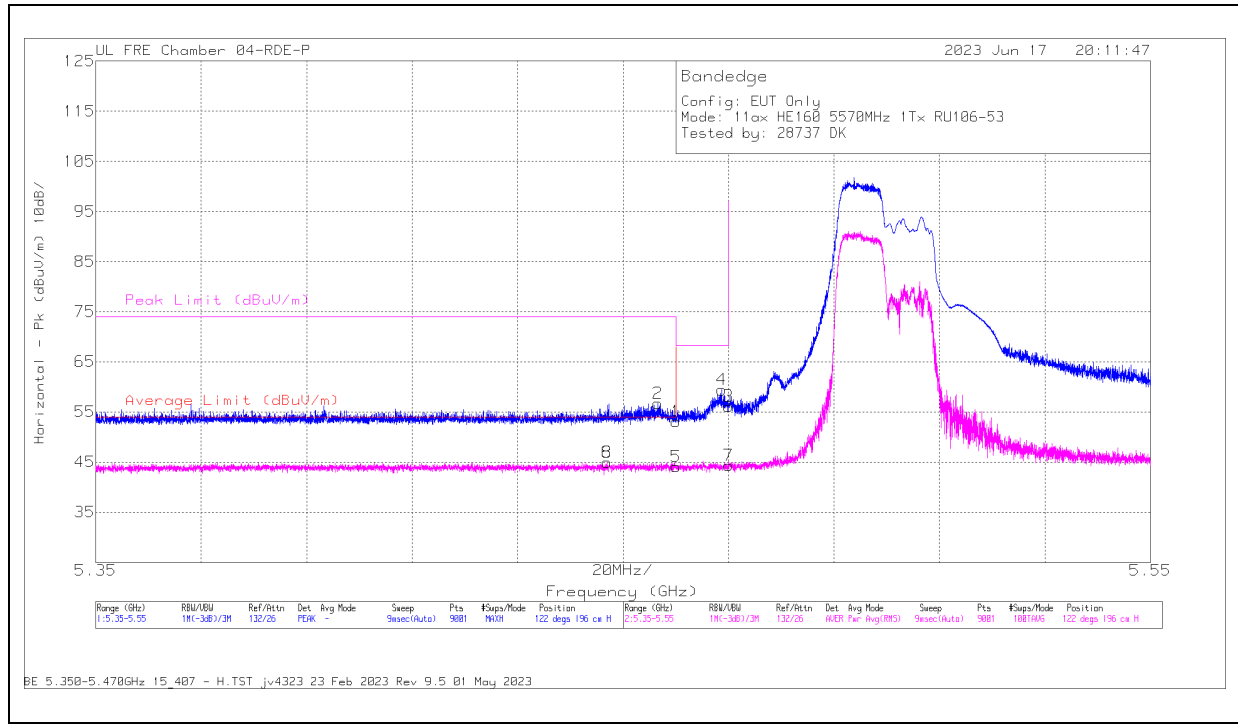
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.46	62.06	Pk	34.5	0	-35	61.56	-	-	68.2	-6.64	204	125	V
2	*5.450932	62.93	Pk	34.5	0	-35.04	62.39	-	-	74	-11.61	204	125	V
5	*5.46	48.37	RMS	34.5	1.11	-35	48.98	54	-5.02	-	-	204	125	V
6	*5.458399	48.54	RMS	34.5	1.11	-35.01	49.14	54	-4.86	-	-	204	125	V
8	*5.458399	48.54	RMS	34.5	1.11	-35.01	49.14	54	-4.86	-	-	204	125	V
4	5.463799	63.75	Pk	34.5	0	-34.97	63.28	-	-	68.2	-4.92	204	125	V
3	5.47	61.25	Pk	34.5	0	-34.97	60.78	-	-	68.2	-7.42	204	125	V
7	5.47	47.11	RMS	34.5	1.11	-34.97	47.75	-	-	-	-	204	125	V

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

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

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



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	5.446955	47.39	RMS	34.4	.54	-37.92	44.41	54	-9.59	-	-	122	196	H
8	5.446955	47.39	RMS	34.4	.54	-37.92	44.41	54	-9.59	-	-	122	196	H
2	5.456599	60.21	Pk	34.4	0	-37.9	56.71	-	-	74	-17.29	122	196	H
1	5.46	56.62	Pk	34.4	0	-37.94	53.08	-	-	68.2	-15.12	122	196	H
5	5.46	46.51	RMS	34.4	.54	-37.94	43.51	54	-10.49	-	-	122	196	H
4	5.46871	62.87	Pk	34.4	0	-37.85	59.42	-	-	68.2	-8.78	122	196	H
3	5.47	59.53	Pk	34.4	0	-37.77	56.16	-	-	68.2	-12.04	122	196	H
7	5.47	46.62	RMS	34.4	.54	-37.77	43.79	-	-	-	-	122	196	H

Pk - Peak detector  
RMS - RMS detection

### VERTICAL RESULT



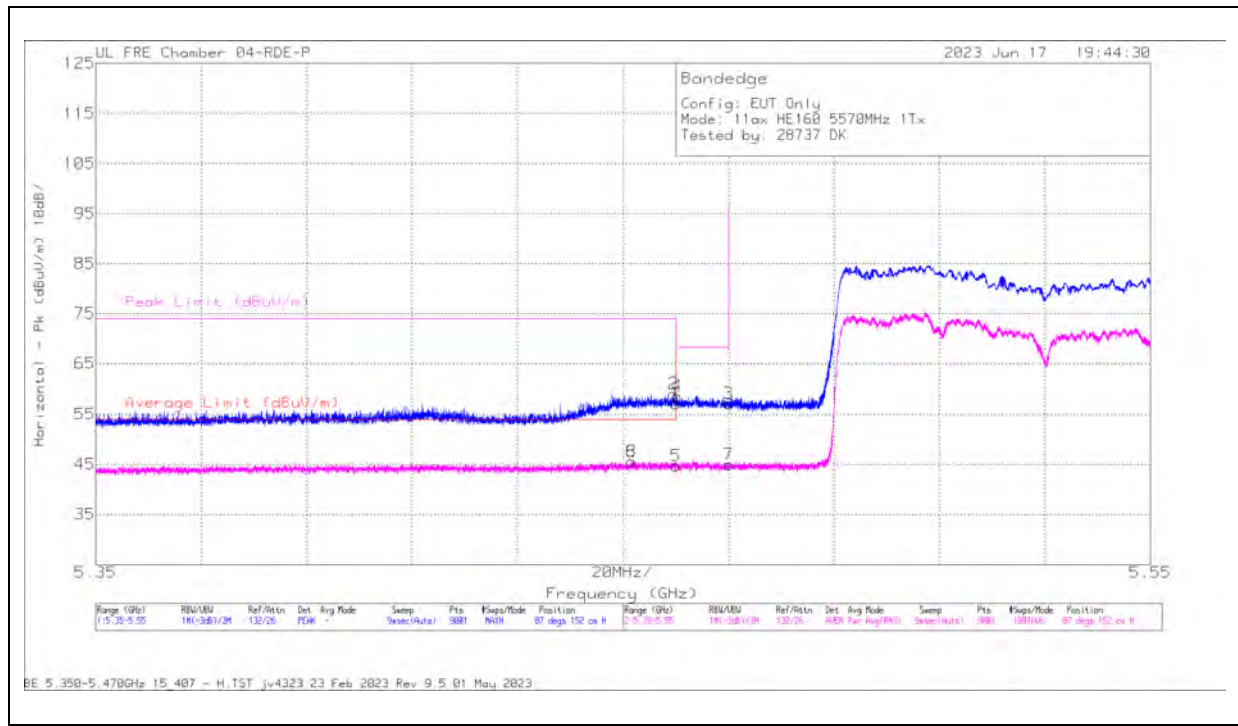
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	5.449155	47.8	RMS	34.4	.54	-37.93	44.81	54	-9.19	-	-	157	141	V
8	5.449155	47.8	RMS	34.4	.54	-37.93	44.81	54	-9.19	-	-	157	141	V
2	5.456266	63.35	Pk	34.4	0	-37.91	59.84	-	-	74	-14.16	157	141	V
1	5.46	59.65	Pk	34.4	0	-37.94	56.11	-	-	68.2	-12.09	157	141	V
5	5.46	47.01	RMS	34.4	.54	-37.94	44.01	54	-9.99	-	-	157	141	V
4	5.468332	66.32	Pk	34.4	0	-37.88	62.84	-	-	68.2	-5.36	157	141	V
3	5.47	65.22	Pk	34.4	0	-37.77	61.85	-	-	68.2	-6.35	157	141	V
7	5.47	46.9	RMS	34.4	.54	-37.77	44.07	-	-	-	-	157	141	V

Pk - Peak detector  
RMS - RMS detection

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

**BANDEDGE (LOW CHANNEL)**

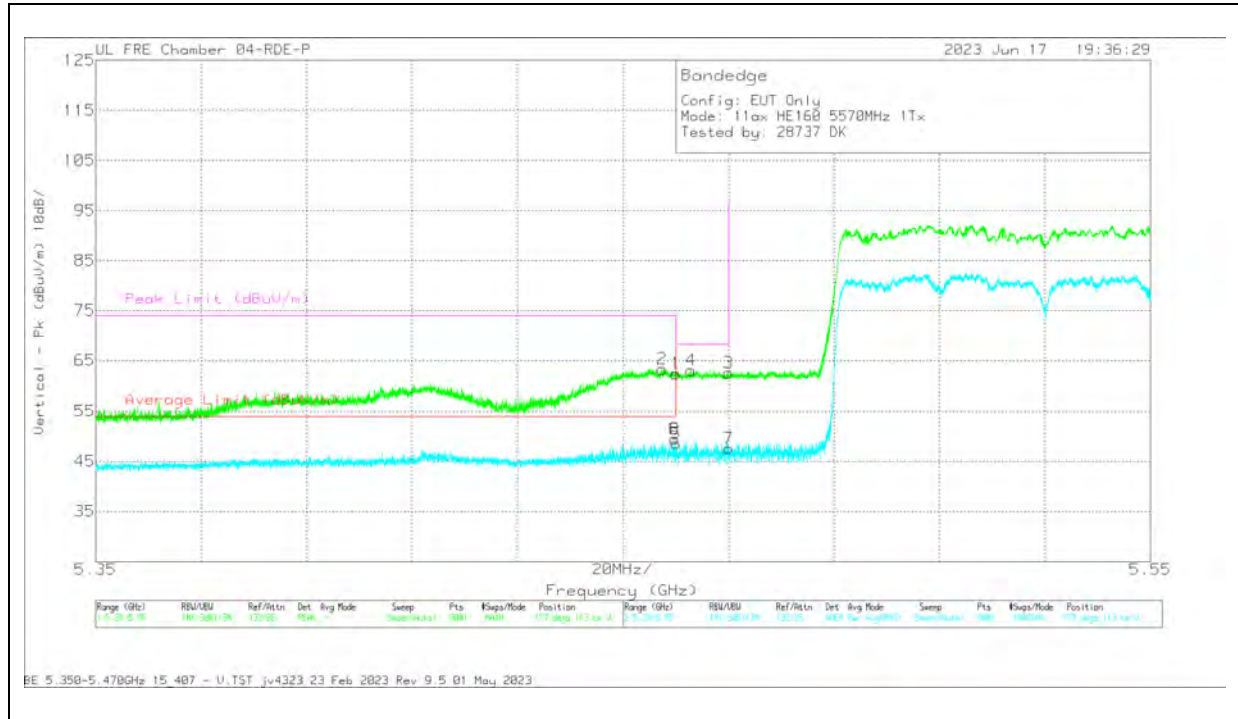
**HORIZONTAL RESULT**



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	5.451599	48.05	RMS	34.4	1.11	-37.94	45.62	54	-8.38	-	-	87	152	H
8	5.451599	48.05	RMS	34.4	1.11	-37.94	45.62	54	-8.38	-	-	87	152	H
2	5.459554	62.69	Pk	34.4	0	-37.93	59.16	-	-	74	-14.84	87	152	H
1	5.46	60.65	Pk	34.4	0	-37.94	57.11	-	-	68.2	-11.09	87	152	H
5	5.46	47.13	RMS	34.4	1.11	-37.94	44.7	54	-9.3	-	-	87	152	H
4	5.460288	62.2	Pk	34.4	0	-37.94	58.66	-	-	68.2	-9.54	87	152	H
3	5.47	60.64	Pk	34.4	0	-37.77	57.27	-	-	68.2	-10.93	87	152	H
7	5.47	47.18	RMS	34.4	1.11	-37.77	44.92	-	-	-	-	87	152	H

Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT



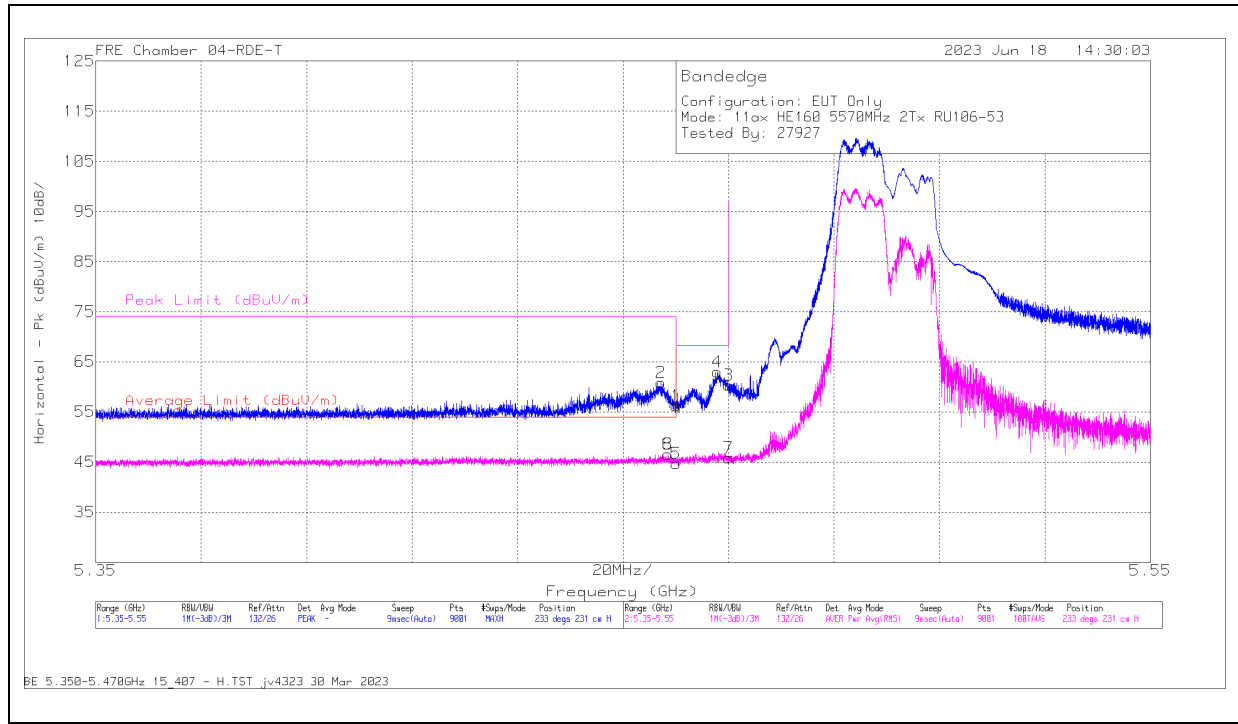
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.457377	66.9	Pk	34.4	0	-37.89	63.41	-	-	74	-10.59	157	113	V
6	5.459799	51.93	RMS	34.4	1.11	-37.94	49.5	54	-4.5	-	-	157	113	V
8	5.459799	51.93	RMS	34.4	1.11	-37.94	49.5	54	-4.5	-	-	157	113	V
1	5.46	66.05	Pk	34.4	0	-37.94	62.51	-	-	68.2	-5.69	157	113	V
5	5.46	51.03	RMS	34.4	1.11	-37.94	48.6	54	-5.4	-	-	157	113	V
4	5.462866	66.59	Pk	34.4	0	-37.91	63.08	-	-	68.2	-5.12	157	113	V
3	5.47	65.97	Pk	34.4	0	-37.77	62.6	-	-	68.2	-5.6	157	113	V
7	5.47	49.89	RMS	34.4	1.11	-37.77	47.63	-	-	-	-	157	113	V

Pk - Peak detector  
RMS - RMS detection

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

**BANDEDGE (LOW CHANNEL)**

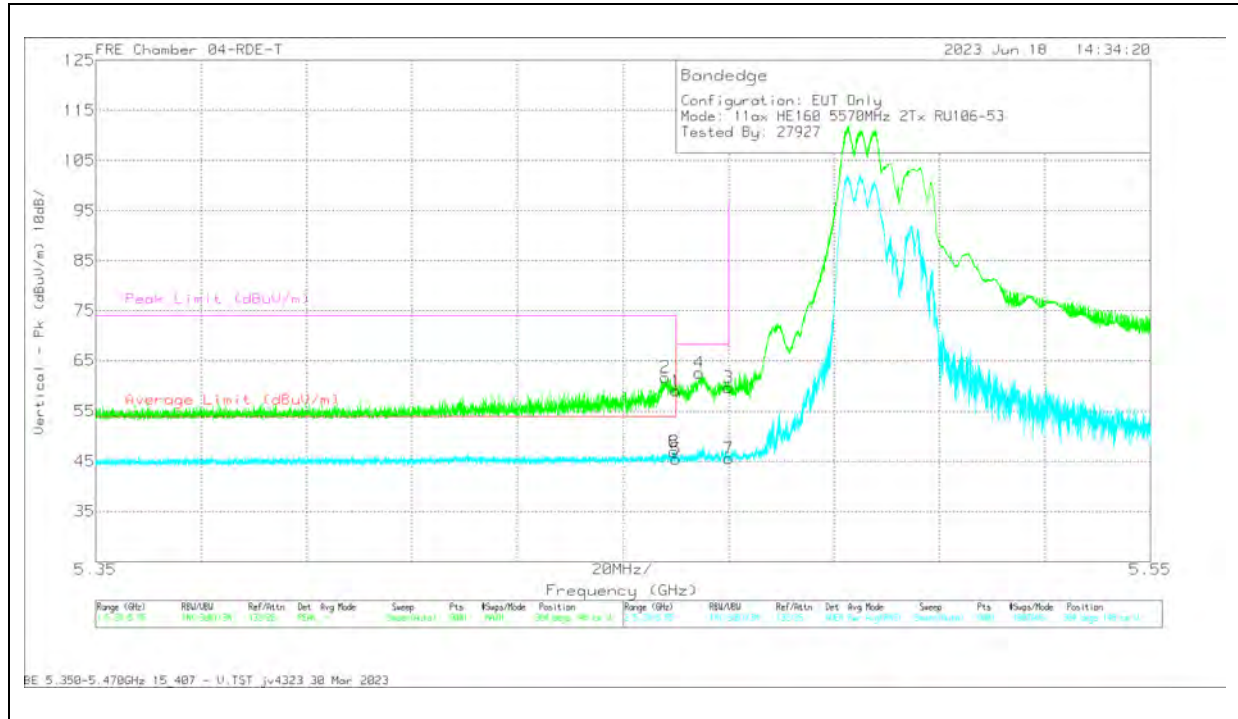
**HORIZONTAL RESULT**



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	* 5.46	56.7	Pk	34.5	0	-35	56.2	-	-	68.2	-12	233	231	H
2	*5.457132	61.35	Pk	34.5	0	-35.02	60.83	-	-	74	-13.17	233	231	H
5	* 5.46	44.07	RMS	34.5	.54	-35	44.11	54	-9.89	-	-	233	231	H
6	*5.458488	45.96	RMS	34.5	.54	-35.01	45.99	54	-8.01	-	-	233	231	H
8	*5.458488	45.96	RMS	34.5	.54	-35.01	45.99	54	-8.01	-	-	233	231	H
4	5.467888	63.37	Pk	34.5	0	-34.94	62.93	-	-	68.2	-5.27	233	231	H
3	5.47	60.79	Pk	34.5	0	-34.97	60.32	-	-	68.2	-7.88	233	231	H
7	5.47	45.23	RMS	34.5	.54	-34.97	45.30	-	-	-	-	233	231	H

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

### VERTICAL RESULT



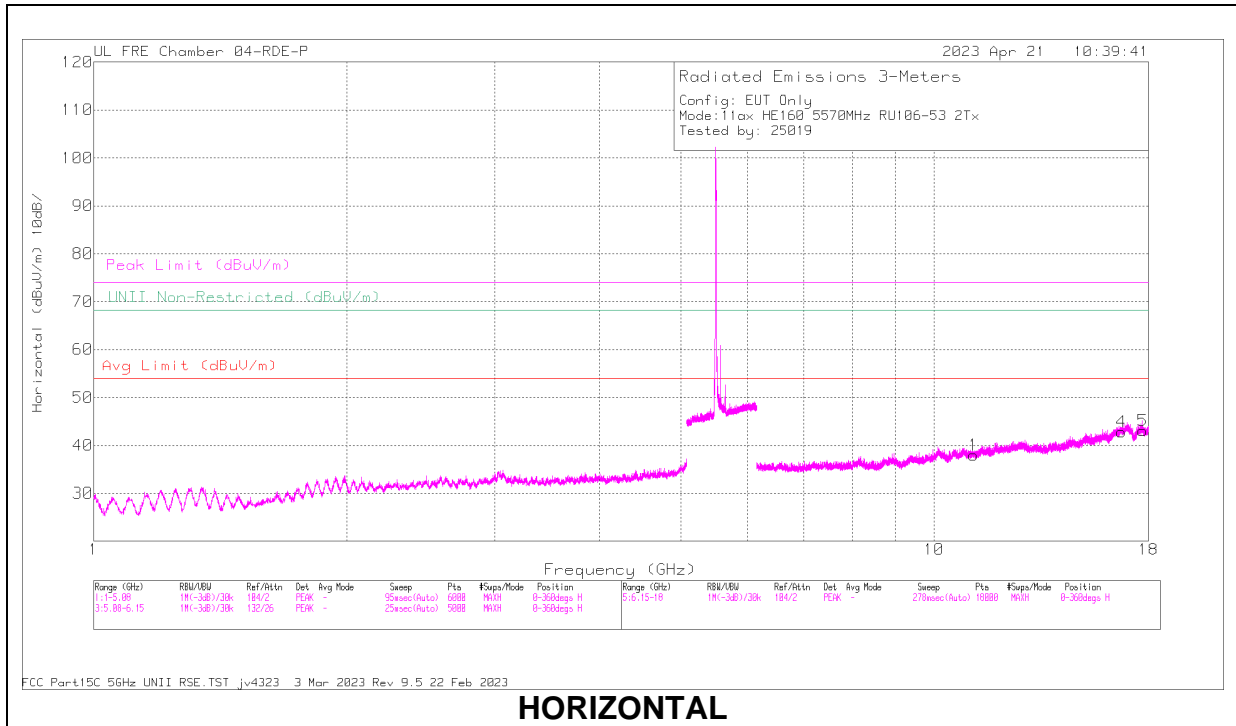
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.46	59.64	Pk	34.5	0	-35	59.14	-	-	68.2	-9.06	304	148	V
2	*5.458066	62.25	Pk	34.5	0	-35.01	61.74	-	-	74	-12.26	304	148	V
5	*5.46	44.89	RMS	34.5	.54	-35	44.93	54	-9.07	-	-	304	148	V
6	*5.459688	46.34	RMS	34.5	.54	-35	46.38	54	-7.62	-	-	304	148	V
8	*5.459688	46.34	RMS	34.5	.54	-35	46.38	54	-7.62	-	-	304	148	V
4	5.464421	63.02	Pk	34.5	0	-34.96	62.56	-	-	68.2	-5.64	304	148	V
3	5.47	60.18	Pk	34.5	0	-34.97	59.71	-	-	68.2	-8.49	304	148	V
7	5.47	45	RMS	34.5	.54	-34.97	45.07	-	-	-	-	304	148	V

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

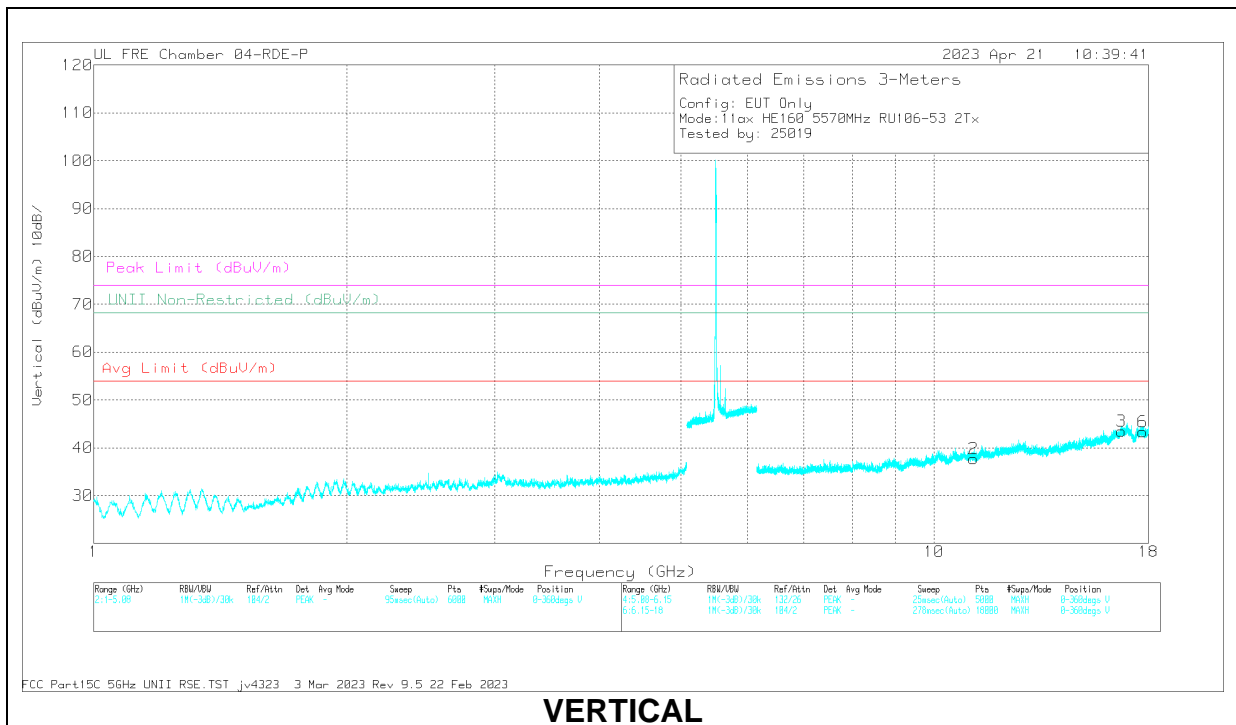


**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

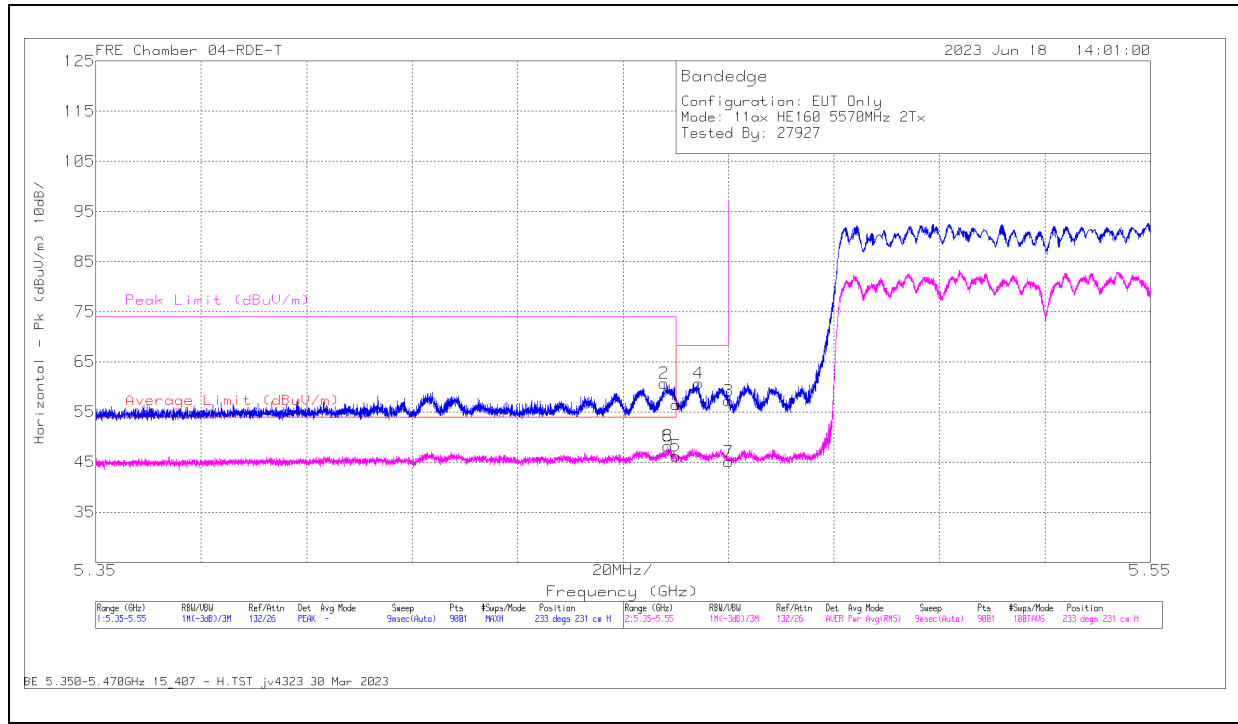
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*7.329284	55.95	PK-U	35.7	-45.89	45.76	-	-	74	-28.24	358	100	H
1	*7.330627	44.61	ADR	35.7	-45.96	34.35	54	-19.65	-	-	358	100	H
2	*10.932786	54.19	PK-U	37.6	-43.57	48.22	-	-	74	-25.78	358	100	H
2	*10.933927	42.48	ADR	37.6	-43.54	36.54	54	-17.46	-	-	358	100	H
3	*15.964492	54.36	PK-U	40.7	-43.05	52.01	-	-	74	-21.99	358	100	H
3	*15.962991	42.45	ADR	40.7	-43.12	40.03	54	-13.97	-	-	358	100	H
4	*7.336321	56.7	PK-U	35.7	-45.99	46.41	-	-	74	-27.59	358	201	V
4	* 336102	44.55	ADR	35.7	-46.02	34.23	54	-19.77	-	-	358	201	V
5	*10.920031	54.14	PK-U	37.6	-43.43	48.31	-	-	74	-25.69	358	200	V
5	*10.923087	42.62	ADR	37.6	-43.48	36.74	54	-17.26	-	-	358	200	V
6	*15.981911	54.29	PK-U	40.7	-42.97	52.02	-	-	74	-21.98	358	200	V
6	*15.980836	42.75	ADR	40.7	-42.92	40.53	54	-13.47	-	-	358	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: SU, Single User**

**BANDEDGE (LOW CHANNEL)**

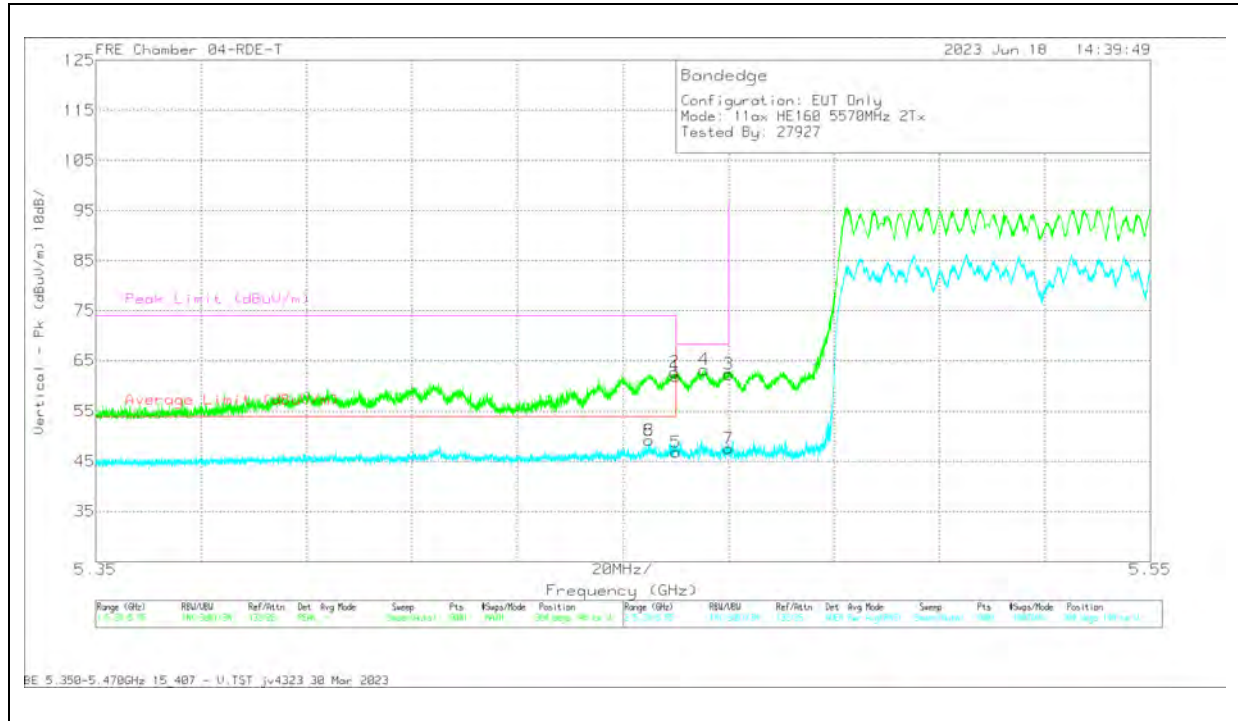
**HORIZONTAL RESULT**



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	* 5.46	56.93	Pk	34.5	0	-35	56.43	-	-	68.2	-11.77	233	231	H
2	*5.457754	61.19	Pk	34.5	0	-35.01	60.68	-	-	74	-13.32	233	231	H
5	* 5.46	45.64	RMS	34.5	1.11	-35	46.25	54	-7.75	-	-	233	231	H
6	* 5.45851	47.66	RMS	34.5	1.11	-35.01	48.26	54	-5.74	-	-	233	231	H
8	* 5.45851	47.66	RMS	34.5	1.11	-35.01	48.26	54	-5.74	-	-	233	231	H
4	5.464332	61.19	Pk	34.5	0	-34.96	60.73	-	-	68.2	-7.47	233	231	H
3	5.47	57.7	Pk	34.5	0	-34.97	57.23	-	-	68.2	-10.97	233	231	H
7	5.47	44.5	RMS	34.5	1.11	-34.97	45.14	-	-	-	-	233	231	H

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

### VERTICAL RESULT

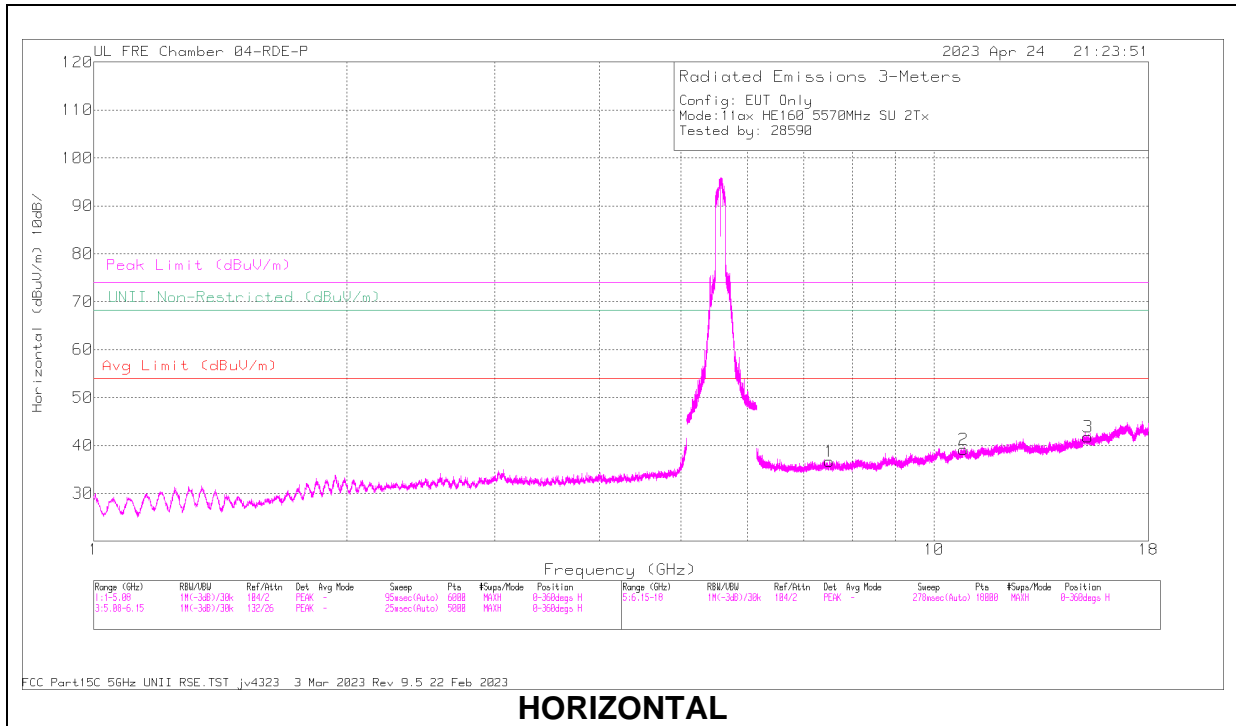


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	62.52	Pk	34.5	0	-35	62.02	-	-	68.2	-6.18	304	148	V
2	*5.459754	63.2	Pk	34.5	0	-35	62.7	-	-	74	-11.3	304	148	V
5	* 5.46	46.23	RMS	34.5	1.11	-35	46.84	54	-7.16	-	-	304	148	V
6	* 5.45491	48.71	RMS	34.5	1.11	-35.05	49.27	54	-4.73	-	-	304	148	V
8	* 5.45491	48.71	RMS	34.5	1.11	-35.05	49.27	54	-4.73	-	-	304	148	V
4	5.465421	63.73	Pk	34.5	0	-34.94	63.29	-	-	68.2	-4.91	304	148	V
3	5.47	62.86	Pk	34.5	0	-34.97	62.39	-	-	68.2	-5.81	304	148	V
7	5.47	46.96	RMS	34.5	1.11	-34.97	47.6	-	-	-	-	304	148	V

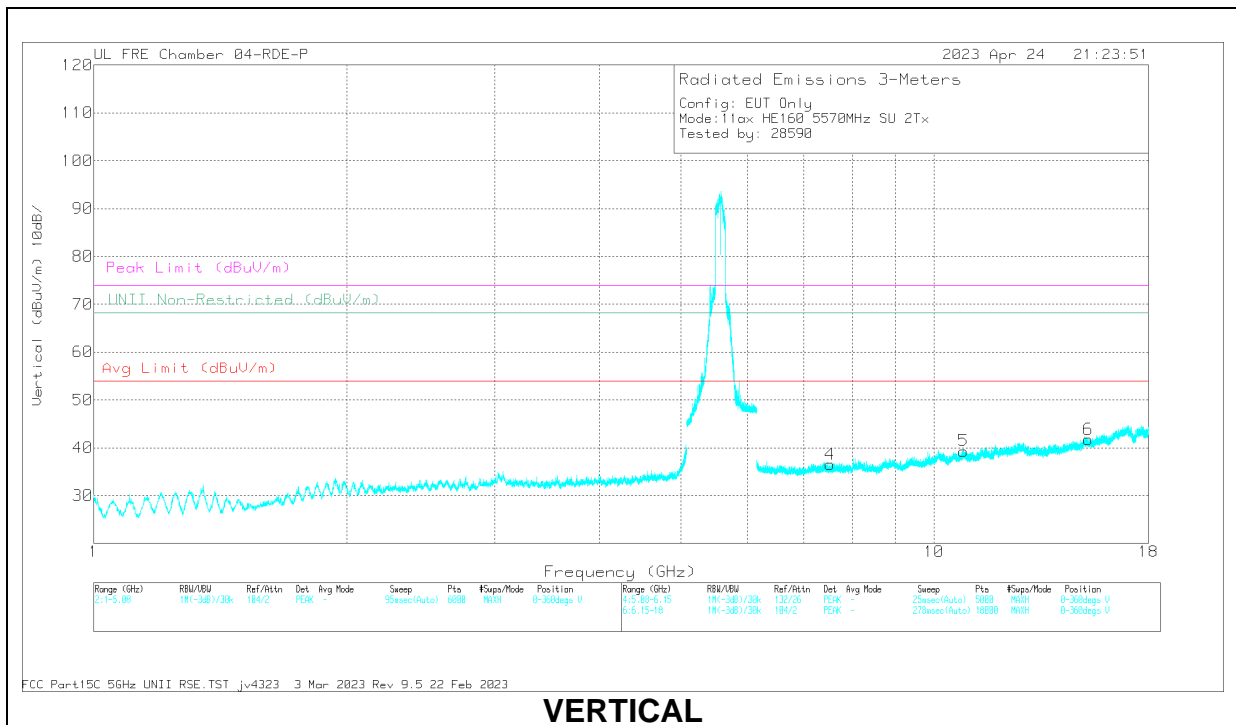
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 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	*7.515229	56.63	PK-U	35.6	0	-45.68	46.55	-	-	74	-27.45	-	-	0	100	H
	*7.514695	44.85	ADR	35.6	-38	-45.71	35.12	54	-18.88	-	-	-	-	0	100	H
2	*10.838773	54.85	PK-U	37.6	0	-43.41	49.04	-	-	74	-24.96	-	-	0	100	H
	*10.838765	43.14	ADR	37.6	-38	-43.41	37.71	54	-16.29	-	-	-	-	0	100	H
4	*7.51752	56.85	PK-U	35.6	0	-45.75	46.7	-	-	74	-27.3	-	-	0	201	V
	*7.516589	44.88	ADR	35.6	-38	-45.75	35.11	54	-18.89	-	-	-	-	0	201	V
5	*10.847672	54.8	PK-U	37.6	0	-43.25	49.15	-	-	74	-24.85	-	-	0	200	V
	*10.850052	43.06	ADR	37.6	-38	-43.17	37.87	54	-16.13	-	-	-	-	0	200	V
3	15.24991	54.47	PK-U	39.9	0	-42.92	51.45	-	-	-	-	68.2	-16.75	0	100	H
6	15.252508	55.64	PK-U	39.9	0	-42.86	52.68	-	-	-	-	68.2	-15.52	0	200	V

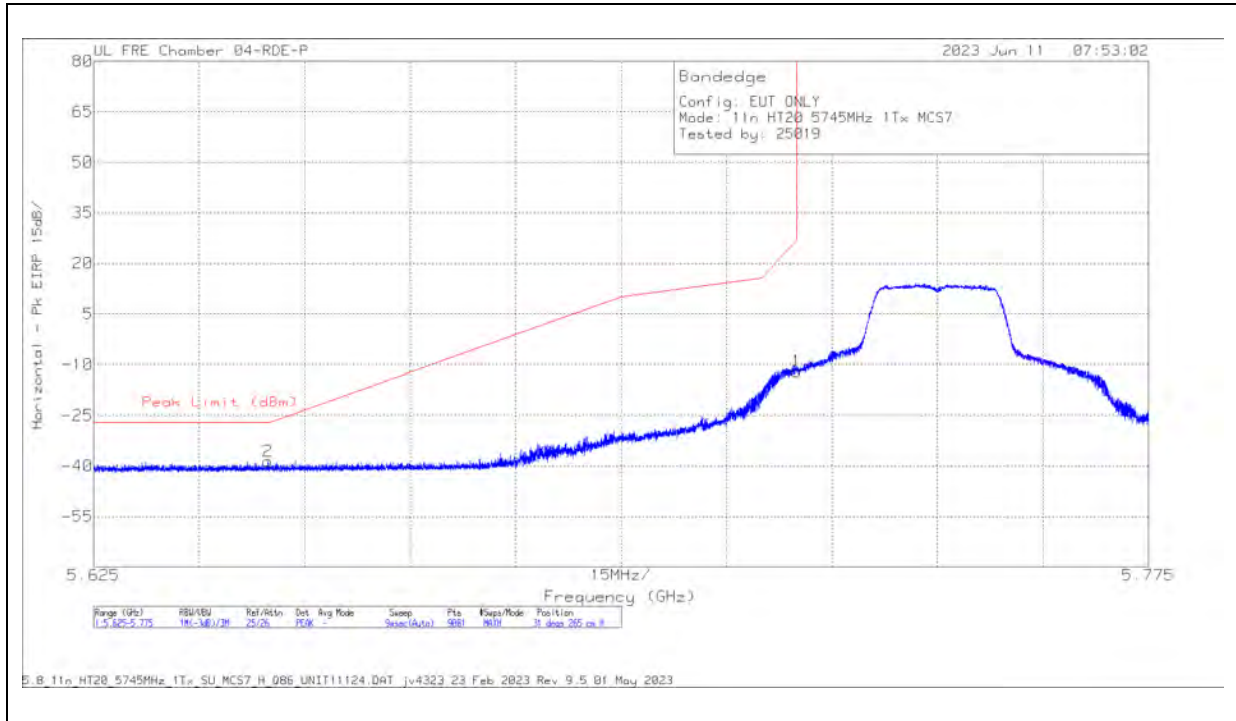
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

**1.1.14. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.8 GHz BAND**

**1TX Antenna 6 MODE**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222740 ACF(dB) - 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.649784	-47.5	Pk	34.5	11.8	0	-37.28	-38.48	-27	-11.48	31	265	H
1	5.725	-21.17	Pk	34.5	11.8	0	-37.07	-11.94	27	-38.94	31	265	H

Pk - Peak detector

### VERTICAL RESULT



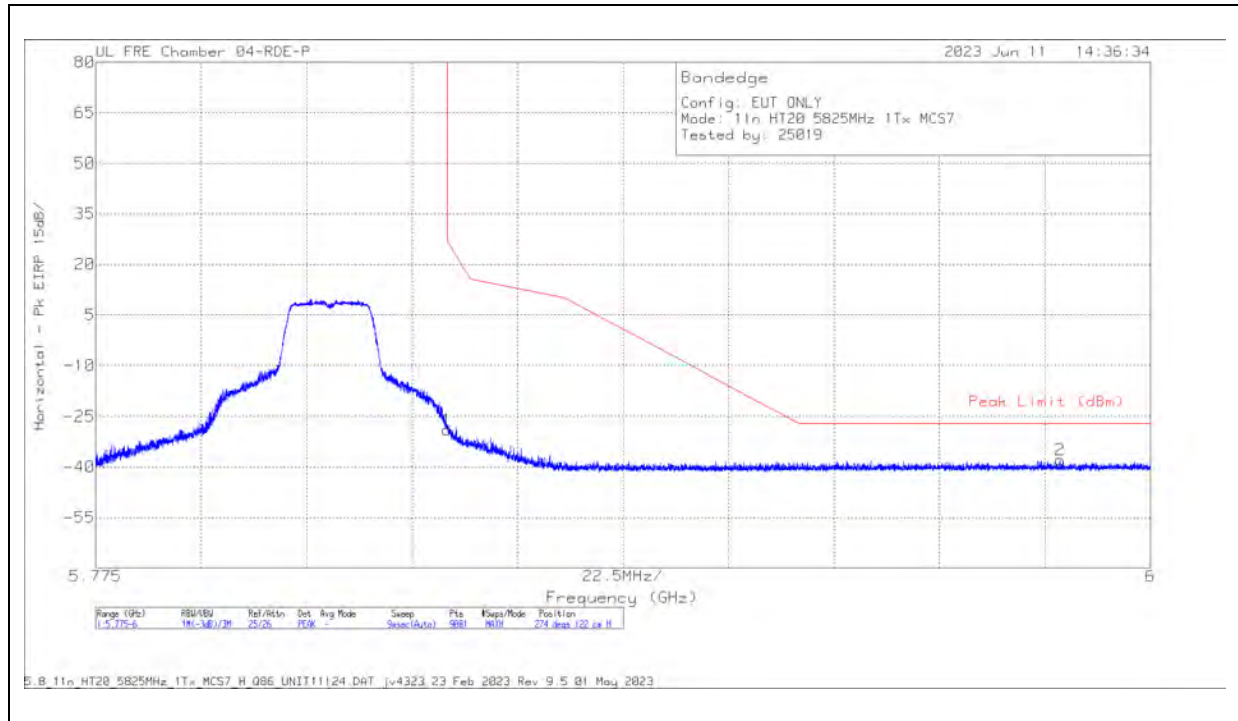
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222740 ACF(dB) - 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.649634	-47.53	Pk	34.5	11.8	0	-37.27	-38.5	-27	-11.5	140	151	V
1	5.725	-24.66	Pk	34.5	11.8	0	-37.07	-15.43	27	-42.43	140	151	V

Pk - Peak detector



**BANDEDGE (HIGH CHANNEL)**

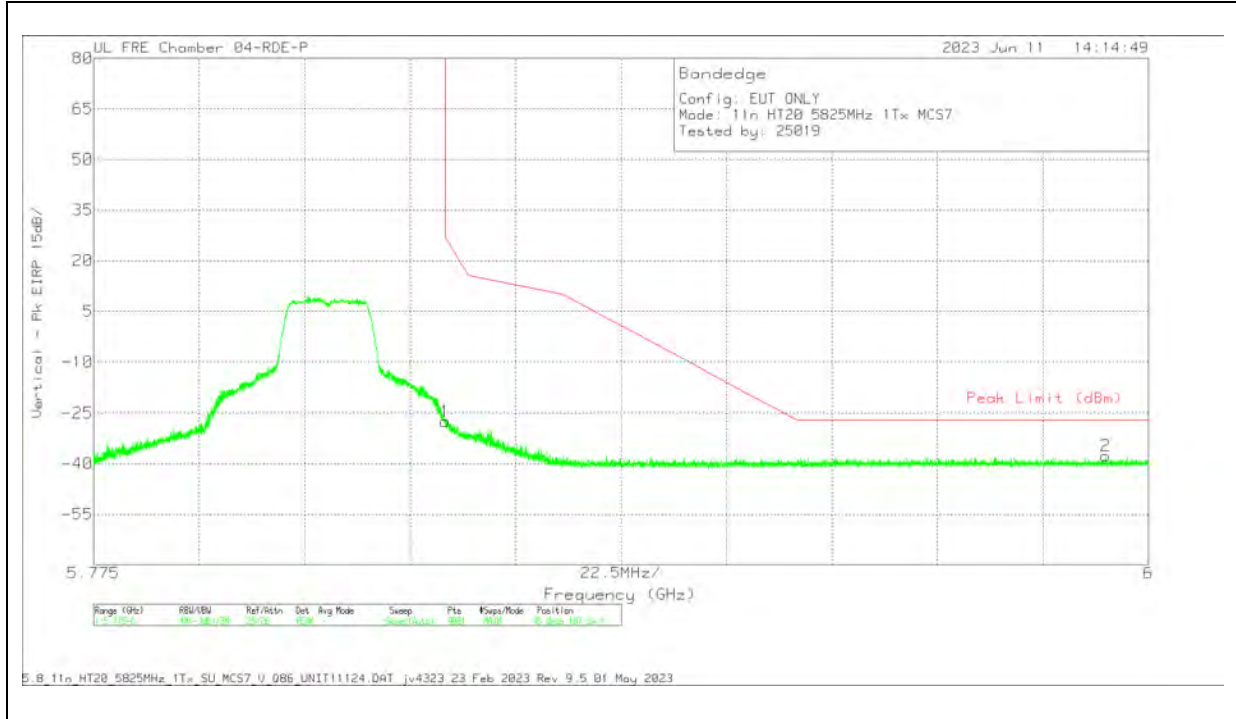
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222740 ACF(dB) - 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-38.78	Pk	34.7	11.8	0	-36.6	-28.88	27	-55.88	274	122	H
2	5.9807	-48.59	Pk	35	11.8	0	-36.09	-37.88	-27	-10.88	274	122	H

Pk - Peak detector

### VERTICAL RESULT



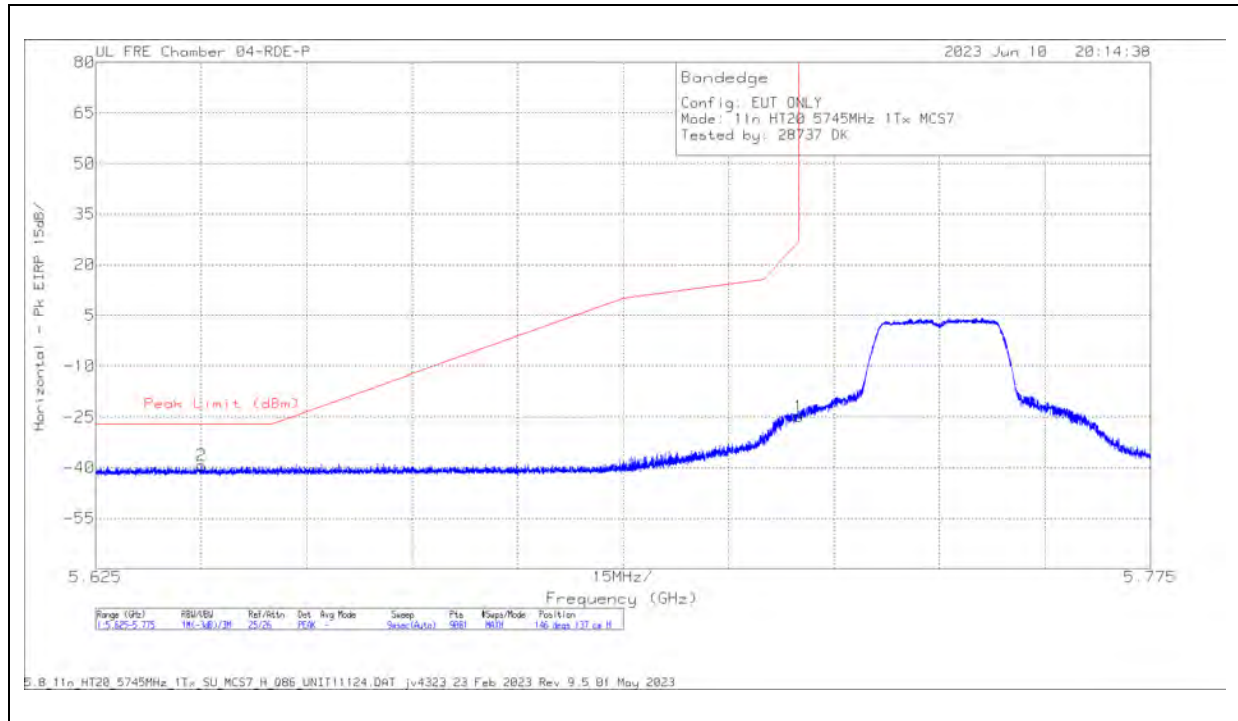
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222740 ACF(dB) - 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-37.26	Pk	34.7	11.8	0	-36.6	-27.36	27	-54.36	45	107	V
2	5.99095	-48.48	Pk	35	11.8	0	-35.93	-37.61	-27	-10.61	45	107	V

Pk - Peak detector

**1TX Antenna 5 MODE**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222740 ACF(dB) - 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.640067	-48.29	Pk	34.5	11.8	0	-37.28	-39.27	-27	-12.27	146	137	H
1	5.725	-34.02	Pk	34.5	11.8	0	-37.07	-24.79	27	-51.79	146	137	H

Pk - Peak detector

### VERTICAL RESULT

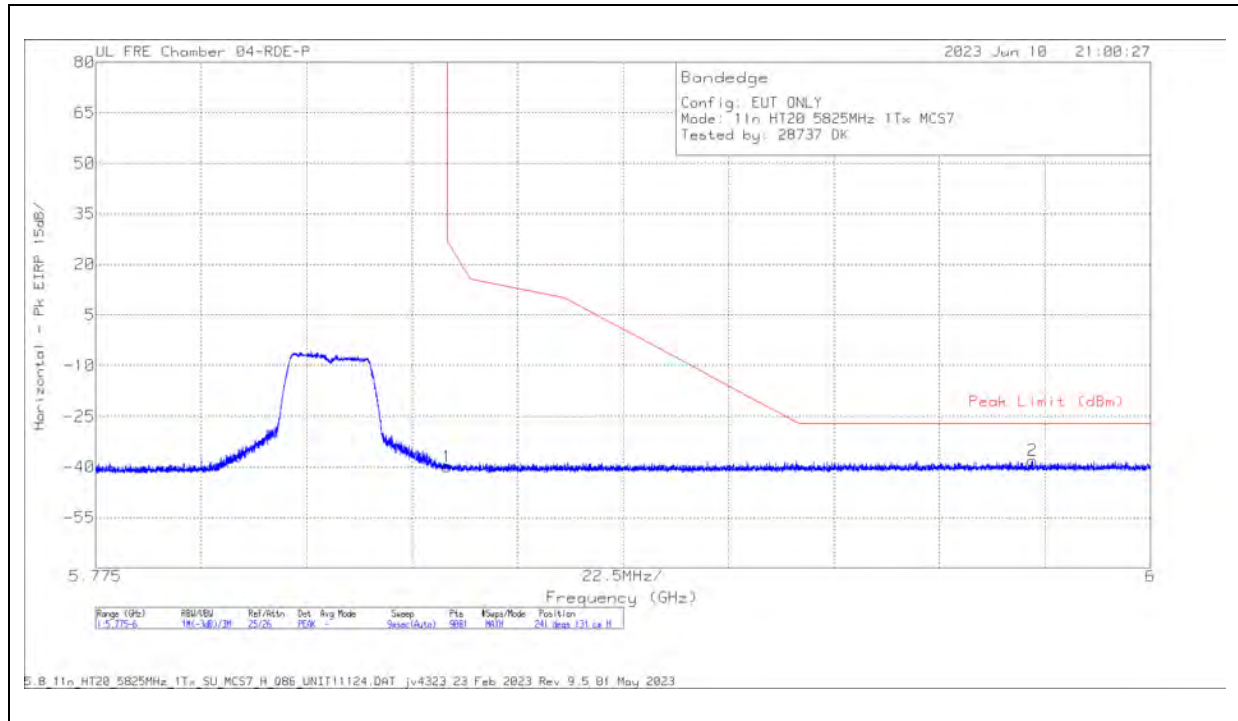


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222740 ACF(dB) - 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.625967	-47.36	Pk	34.4	11.8	0	-37.42	-38.58	-27	-11.58	156	112	V
1	5.725	-26.4	Pk	34.5	11.8	0	-37.07	-17.17	27	-44.17	156	112	V

Pk - Peak detector

**BANDEDGE (HIGH CHANNEL)**

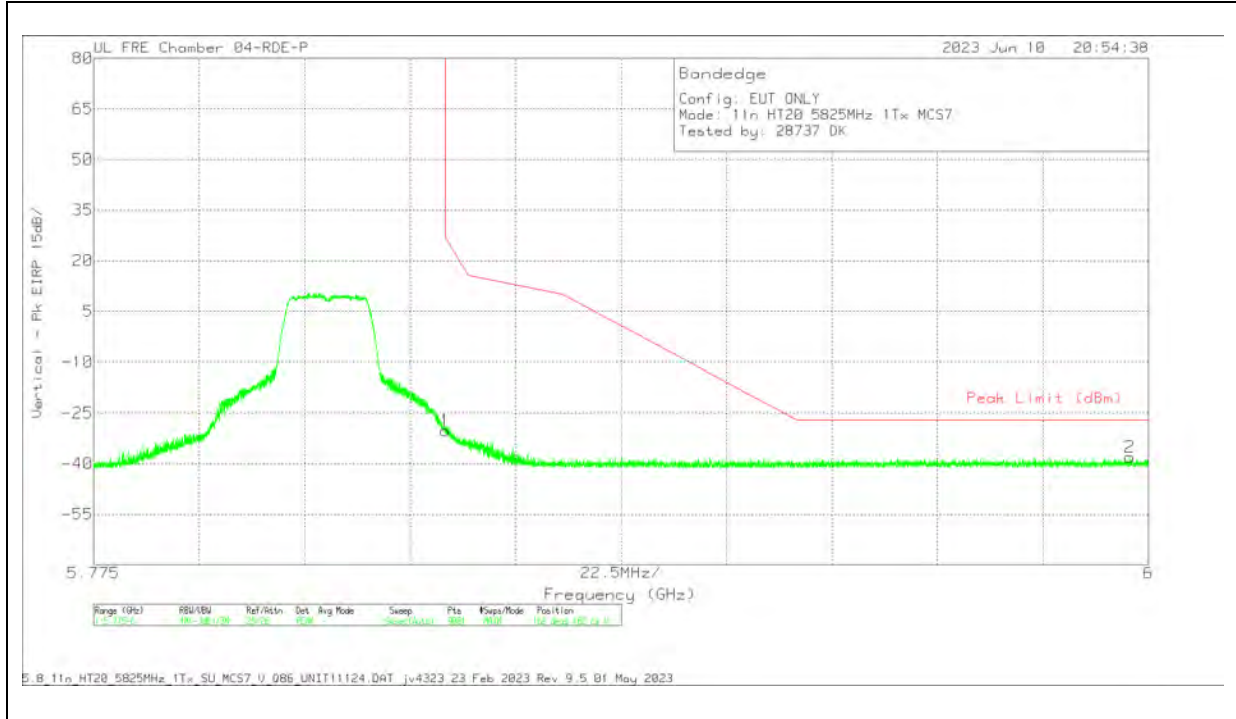
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222740 ACF(dB) - 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-49.72	Pk	34.7	11.8	0	-36.6	-39.82	27	-66.82	241	131	H
2	5.9748	-48.68	Pk	35	11.8	0	-36.18	-38.06	-27	-11.06	241	131	H

Pk - Peak detector

### VERTICAL RESULT



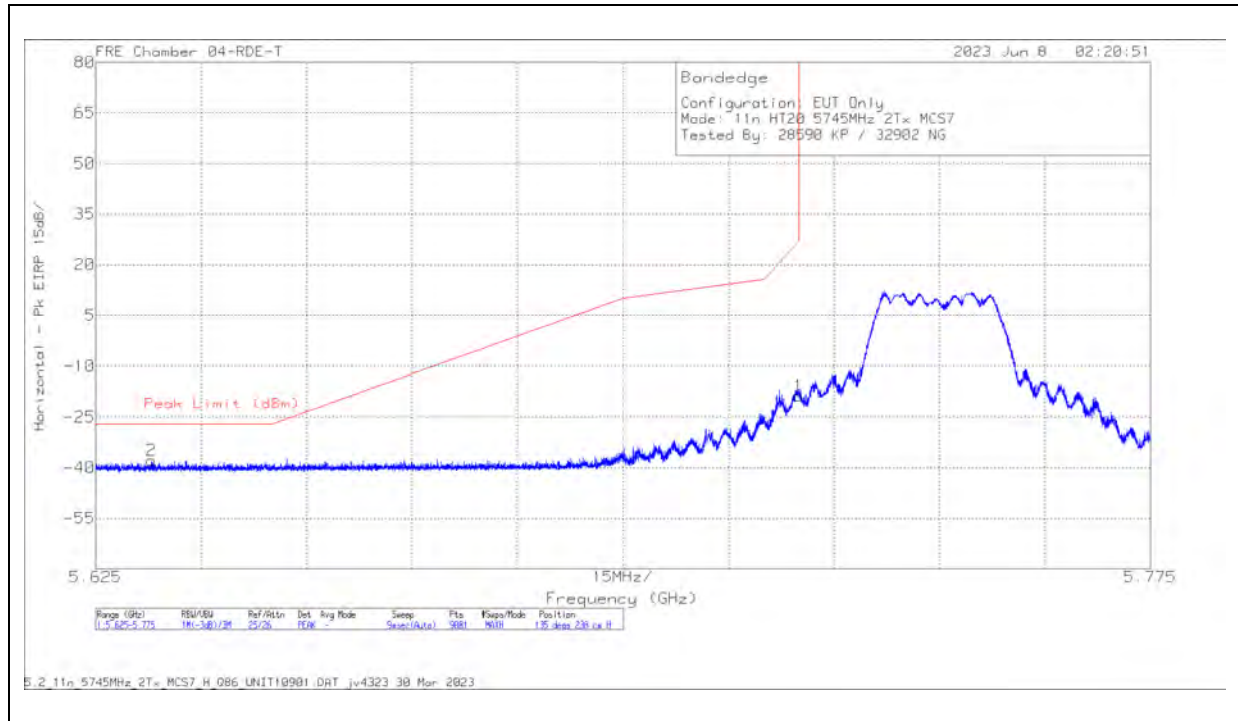
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222740 ACF(dB) - 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-40.1	Pk	34.7	11.8	0	-36.6	-30.2	27	-57.2	162	182	V
2	5.99605	-48.68	Pk	35	11.8	0	-36.06	-37.94	-27	-10.94	162	182	V

Pk - Peak detector

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

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.6329	-49.58	Pk	34.5	11.8	0	-34.52	-37.8	-27	-10.8	135	238	H
1	5.725	-30.65	Pk	34.6	11.8	0	-34.48	-18.73	27	-45.73	135	238	H

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

### VERTICAL RESULT



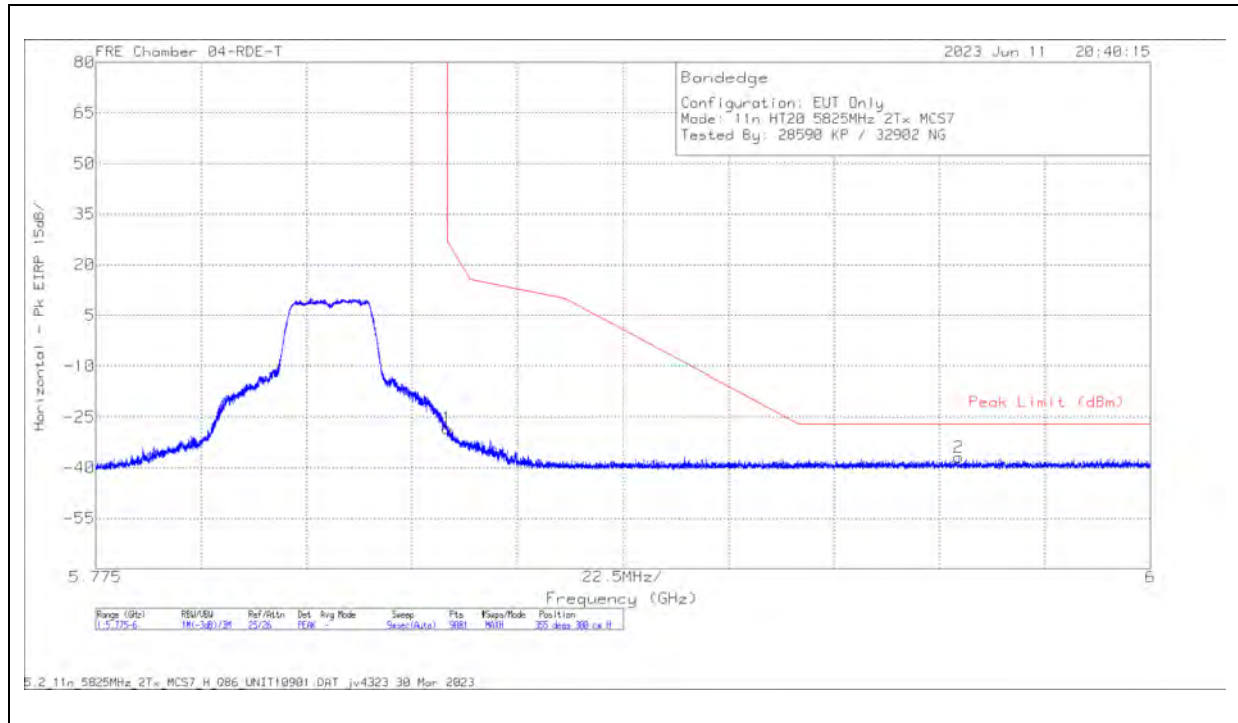
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.628483	-49.41	Pk	34.5	11.8	0	-34.55	-37.66	-27	-10.66	129	211	V
1	5.725	-29.99	Pk	34.6	11.8	0	-34.48	-18.07	27	-45.07	129	211	V

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



**BANDEDGE (HIGH CHANNEL)**

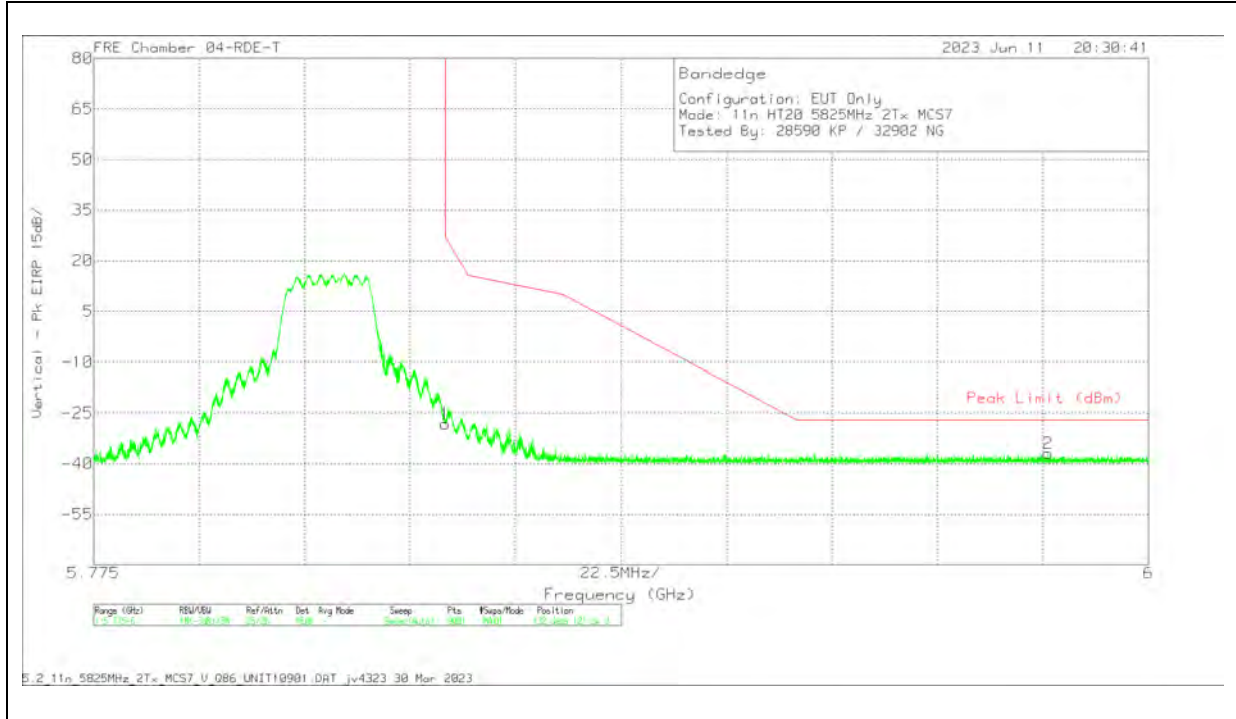
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-40.62	Pk	34.9	11.8	-34.34	-28.26	27	-55.26	355	300	H
2	5.959025	-49.6	Pk	35.2	11.8	-34.25	-36.85	-27	-9.85	355	300	H

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

### VERTICAL RESULT

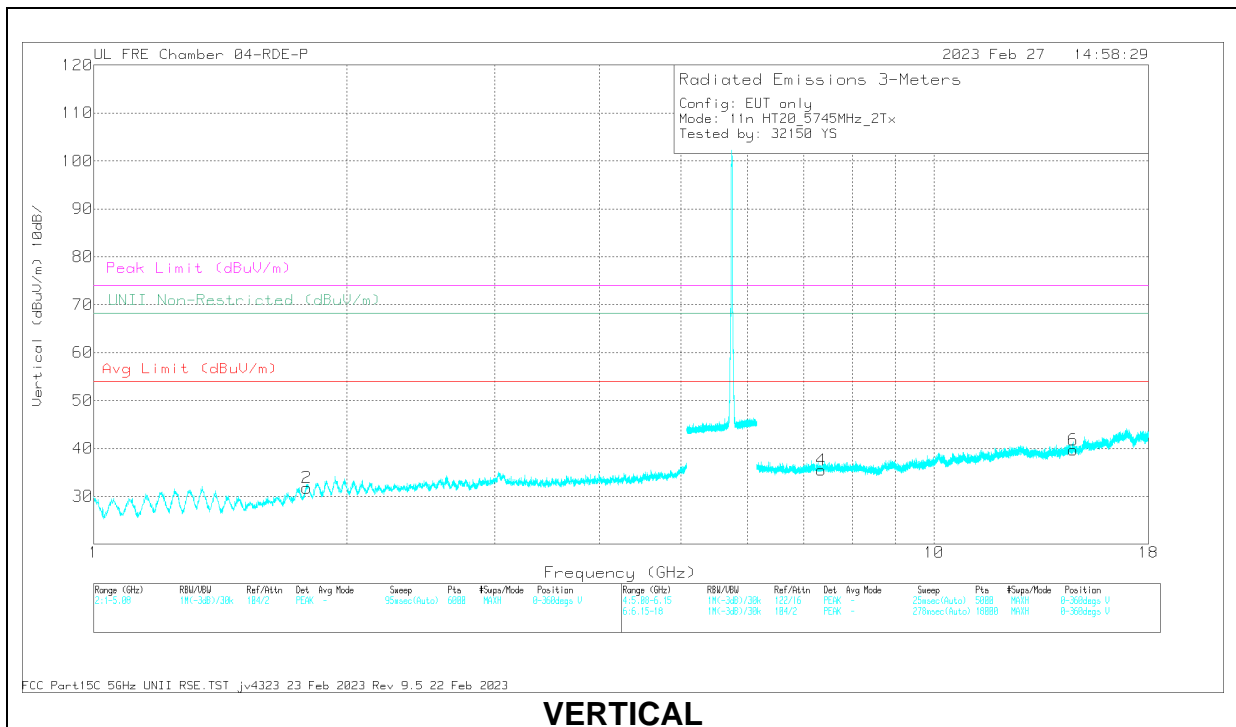
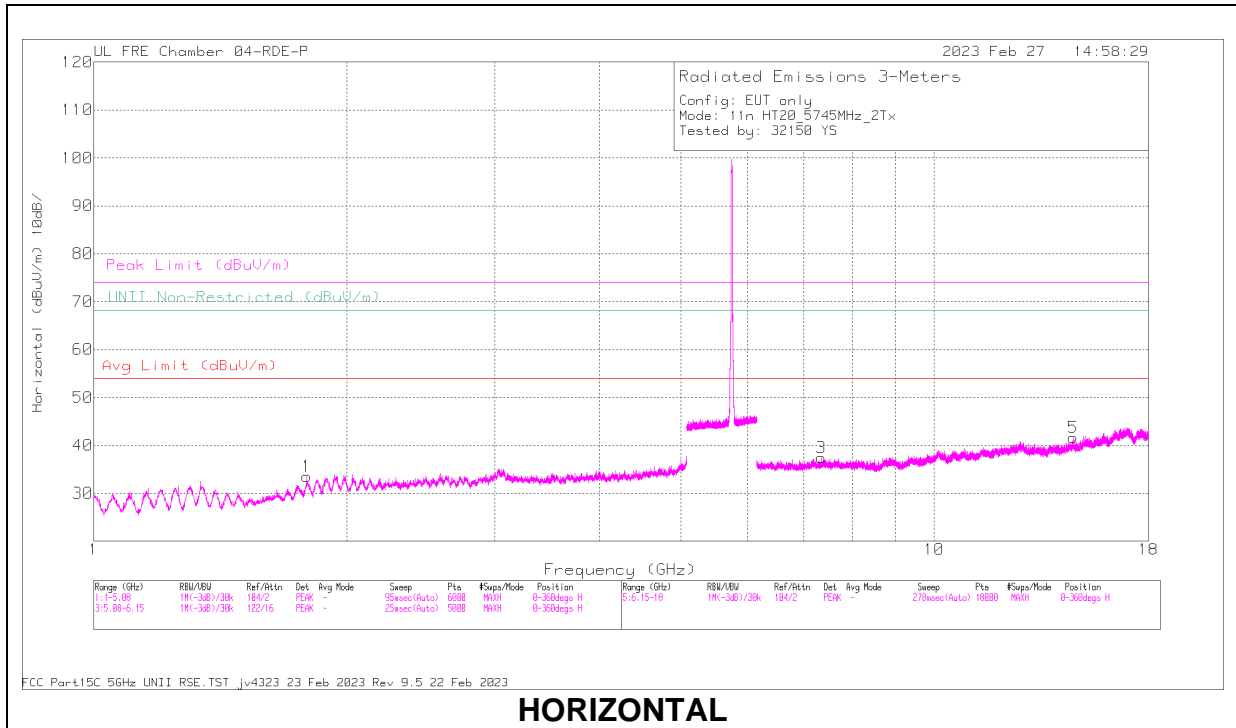


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-40.51	Pk	34.9	11.8	0	-34.34	-28.15	27	-55.15	132	121	V
2	5.978625	-49.59	Pk	35.2	11.8	0	-34.28	-36.87	-27	-9.87	132	121	V

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

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**RADIATED EMISSIONS**

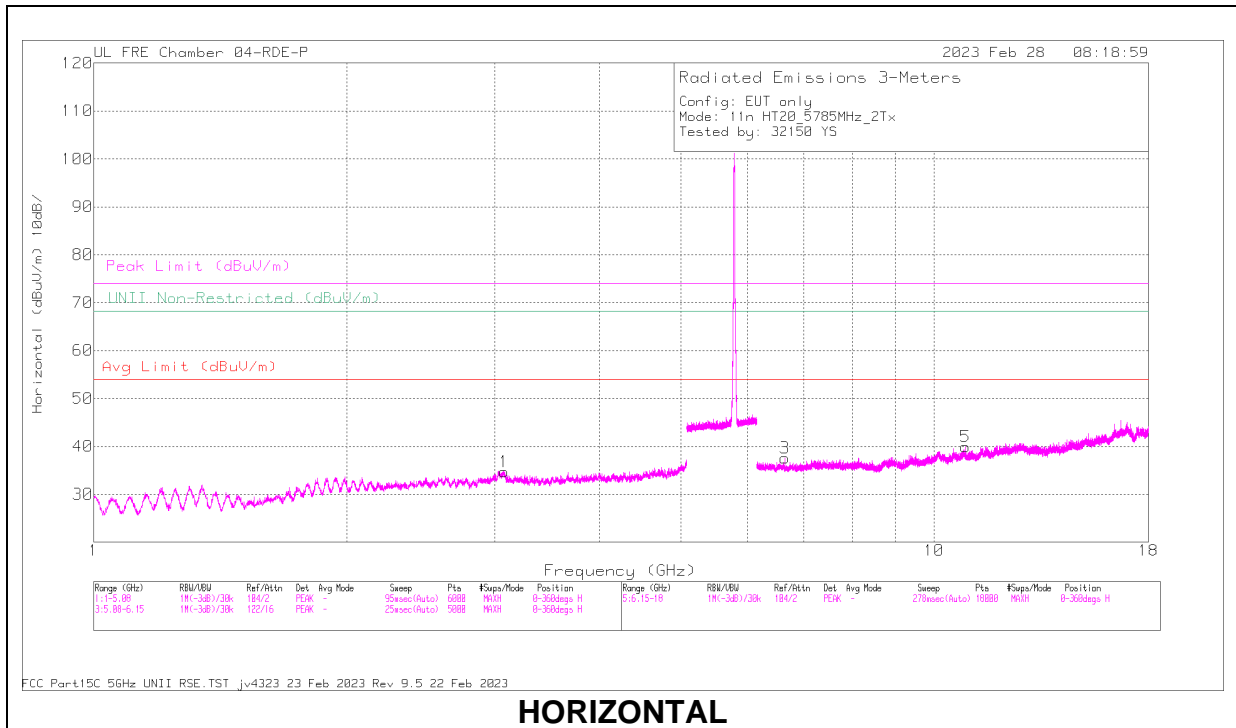
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	*7.346008	56.42	PK-U	35.7	0	-45.99	46.13	-	-	74	-27.87	-	-	351	219	H
	*7.344052	45	ADR	35.7	.18	-45.86	35.02	54	-18.98	-	-	-	-	351	219	H
4	*7.343142	56.58	PK-U	35.7	0	-45.84	46.44	-	-	74	-27.56	-	-	331	118	V
	* 7.3458	45.02	ADR	35.7	.18	-45.96	34.94	54	-19.06	-	-	-	-	331	118	V
1	1.792621	60.87	PK-U	30.5	0	-49.21	42.16	-	-	-	-	68.2	-26.04	181	281	H
2	1.794712	61.55	PK-U	30.5	0	-49.17	42.88	-	-	-	-	68.2	-25.32	198	210	V
6	14.637968	54.47	PK-U	39.2	0	-43.18	50.49	-	-	-	-	68.2	-17.71	224	134	V
5	14.639332	55.39	PK-U	39.3	0	-43.21	51.48	-	-	-	-	68.2	-16.72	158	252	H

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

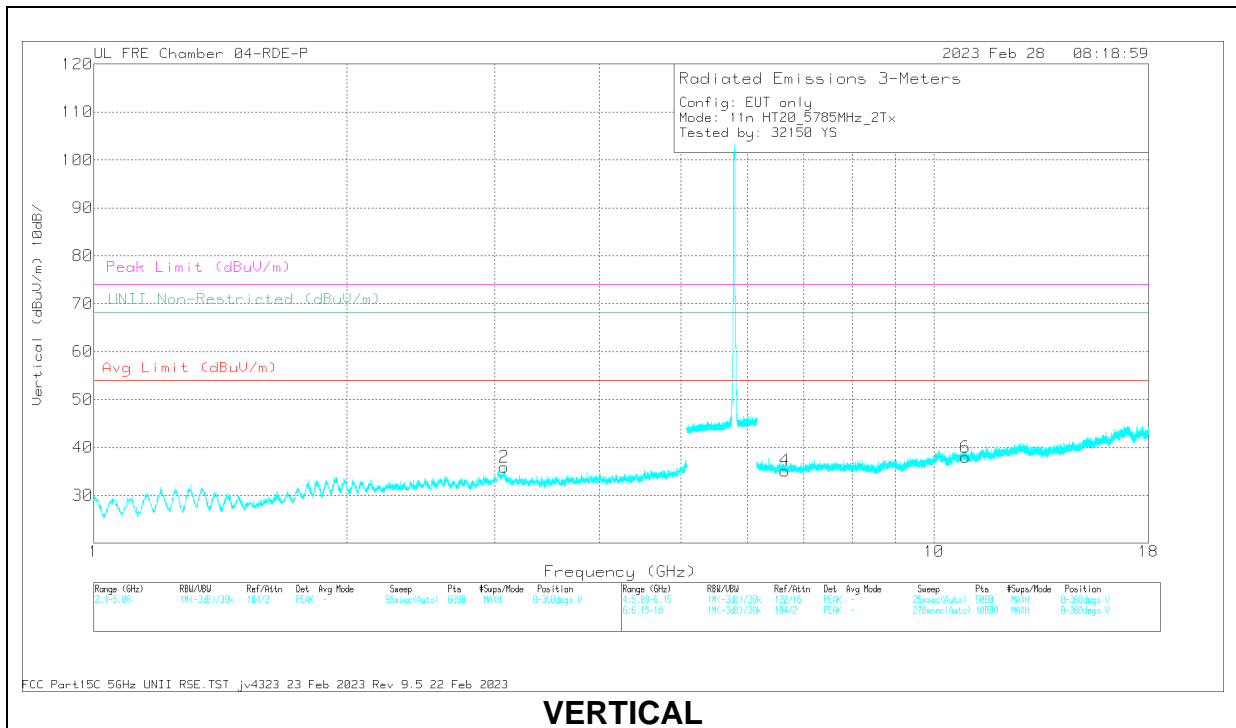
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### MID CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

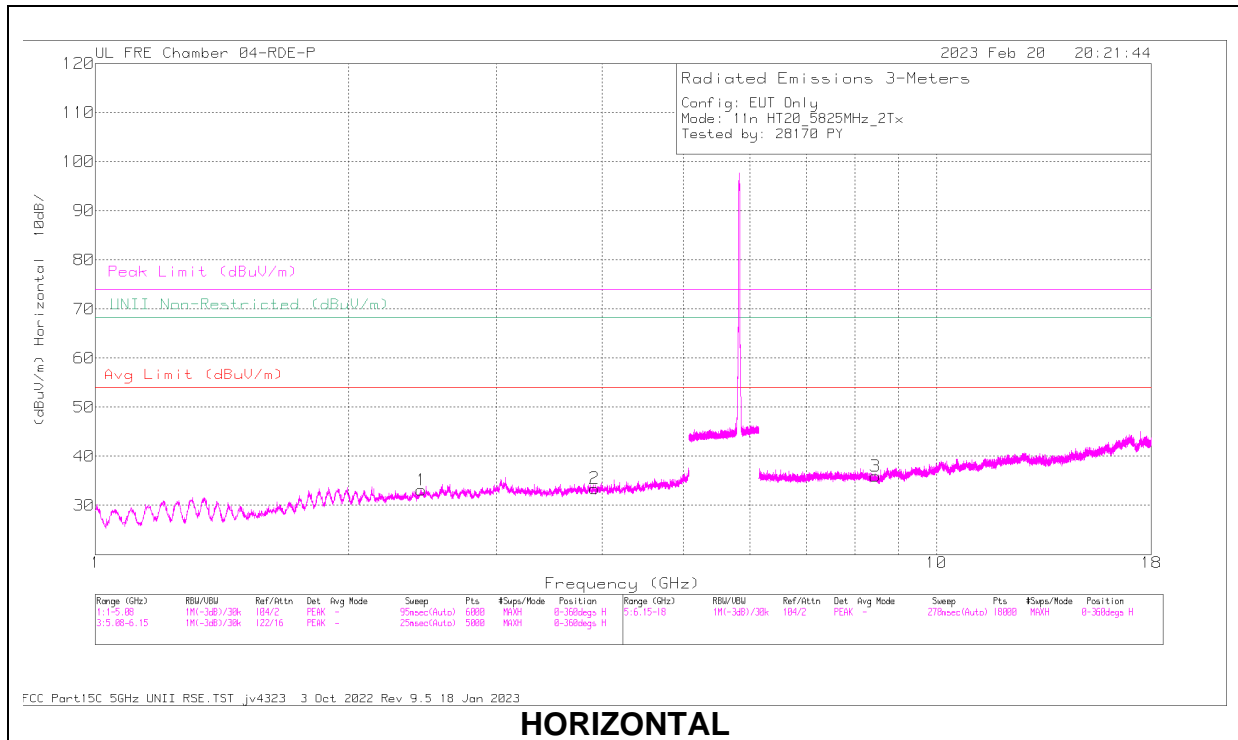
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 10.908039	54.45	PK-U	37.6	0	-43.42	48.63	-	-	74	-25.37	-	-	358	315	H
	* 10.908405	42.6	ADR	37.6	.18	-43.43	36.95	54	-17.05	-	-	-	-	358	315	H
6	* 10.907789	54.08	PK-U	37.6	0	-43.42	48.26	-	-	74	-25.74	-	-	350	214	V
	* 10.909784	42.56	ADR	37.6	.18	-43.42	36.92	54	-17.08	-	-	-	-	350	214	V
1	3.079745	55.55	PK-U	33.6	0	-47.09	42.06	-	-	-	-	68.2	-26.14	328	117	H
2	3.079745	55.07	PK-U	33.6	0	-47.09	41.58	-	-	-	-	68.2	-26.62	296	317	V
3	6.645262	55.28	PK-U	35.5	0	-44.71	46.07	-	-	-	-	68.2	-22.13	51	238	H
4	6.646094	54.99	PK-U	35.5	0	-44.74	45.75	-	-	-	-	68.2	-22.45	181	121	V

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

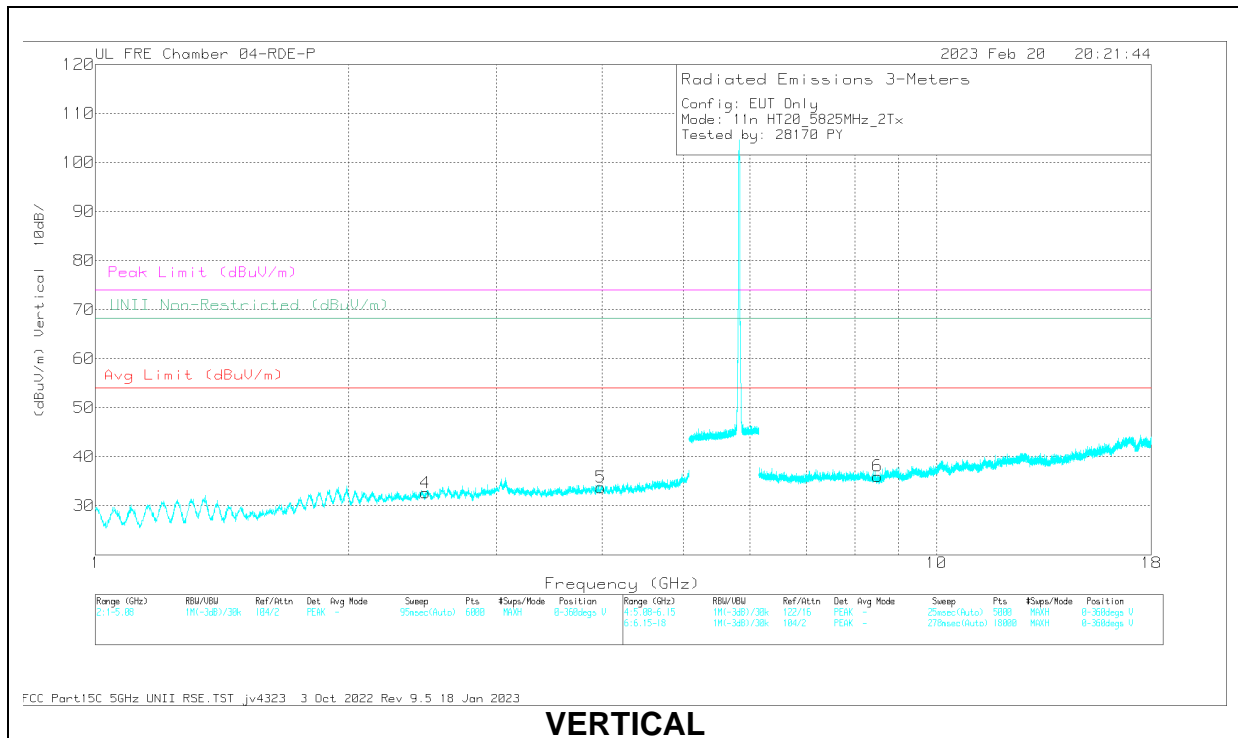
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### HIGH CHANNEL RESULTS



### HORIZONTAL



### VERTICAL

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 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
2	*3.922024	56.36	PK-U	33.4	0	-45.71	44.05	-	-	74	-29.95	-	-	0	100	H
	*3.919212	44.33	ADR	33.4	.18	-45.81	32.10	54	-21.90	-	-	-	-	0	100	H
5	*3.992586	57.22	PK-U	33.3	0	-46.05	44.47	-	-	74	-29.53	-	-	0	200	V
	*3.991803	45.2	ADR	33.3	.18	-46.06	32.62	54	-21.38	-	-	-	-	0	200	V
3	*8.456977	54.21	PK-U	35.6	0	-43.3	46.51	-	-	74	-27.49	-	-	0	100	H
	*8.459566	42.33	ADR	35.6	.18	-43.3	34.81	54	-19.19	-	-	-	-	0	100	H
1	2.441438	60.67	PK-U	31.8	0	-49.35	43.12	-	-	-	-	68.2	-25.08	0	100	H
4	2.469486	59.84	PK-U	32	0	-49.39	42.45	-	-	-	-	68.2	-25.75	0	201	V
6	8.512926	53.6	PK-U	35.6	0	-43.14	46.06	-	-	-	-	68.2	-22.14	0	201	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

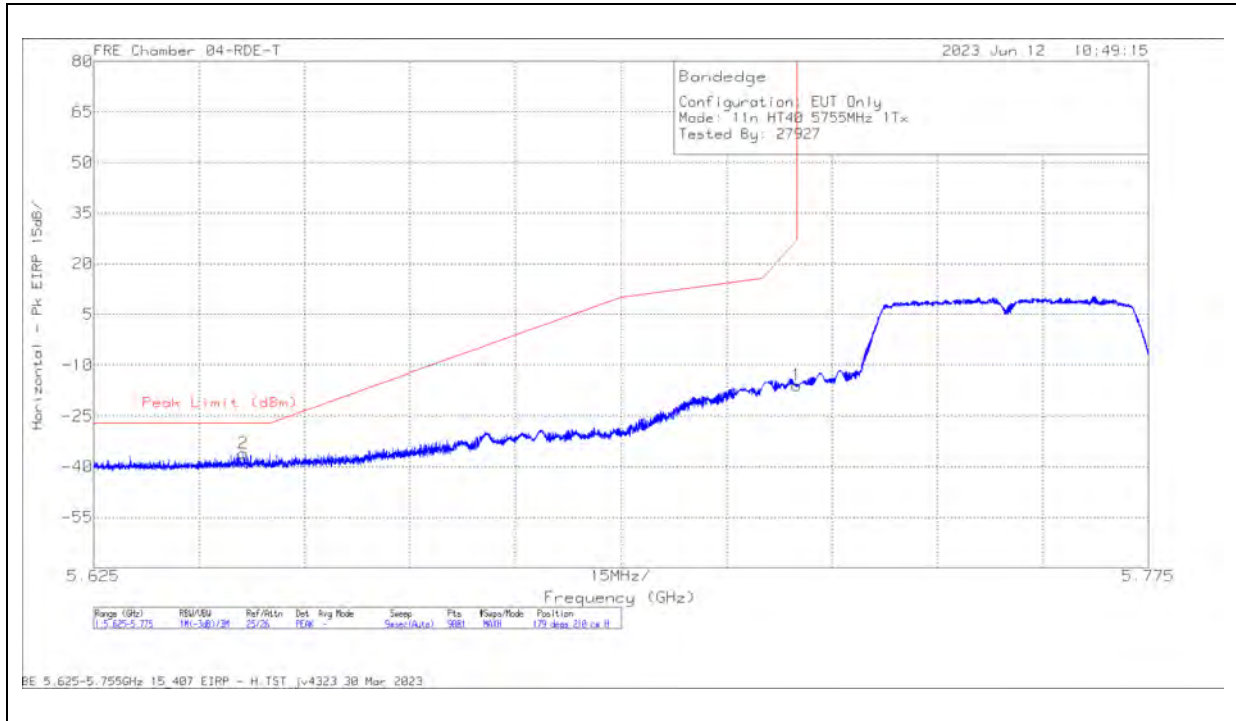


### 1.1.15. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.8 GHz BAND

#### 1TX Antenna 6 MODE

#### BANDEDGE (LOW CHANNEL)

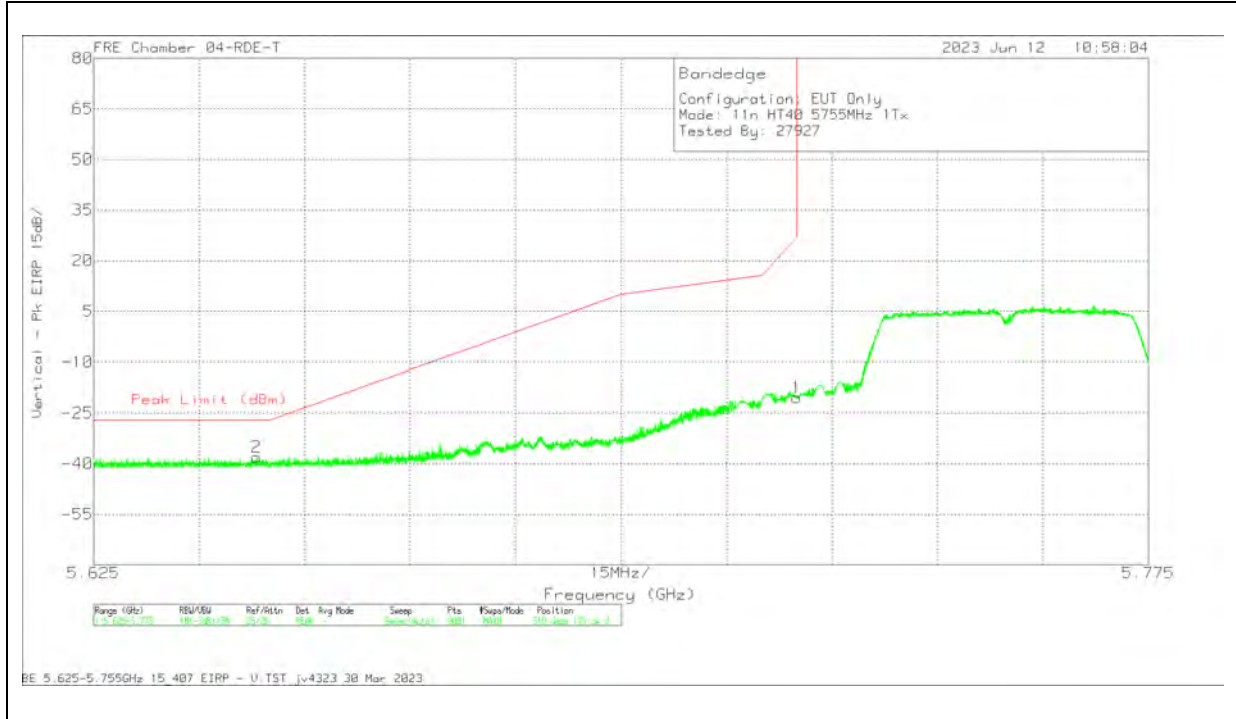
#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.646317	-47.72	Pk	34.5	11.8	0	-34.54	-35.96	-27	-8.96	179	210	H
1	5.725	-27.89	Pk	34.6	11.8	0	-34.48	-15.97	27	-42.97	179	210	H

Pk - Peak detector

### VERTICAL RESULT

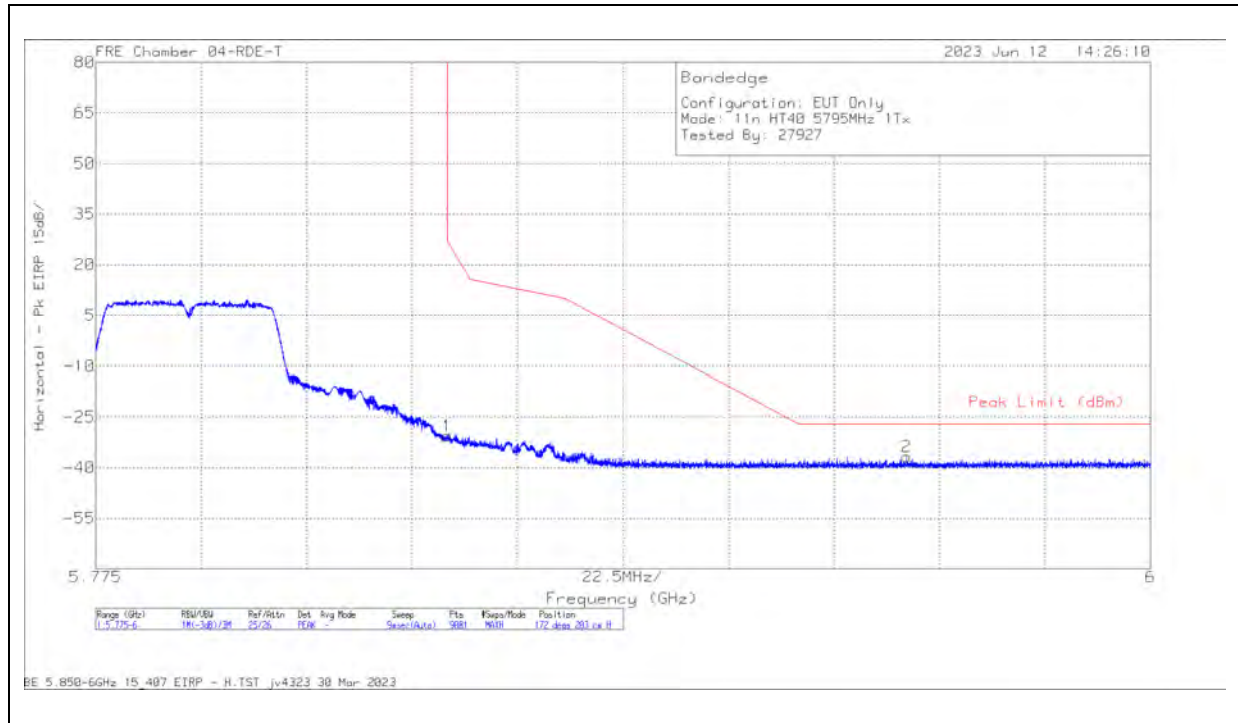


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.6482	-49.75	Pk	34.5	11.8	0	-34.52	-37.97	-27	-10.97	319	179	V
1	5.725	-32.31	Pk	34.6	11.8	0	-34.48	-20.39	27	-47.39	319	179	V

Pk - Peak detector

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-42.89	Pk	34.9	11.8	0	-34.34	-30.53	27	-57.53	172	203	H
2	5.94805	-49.28	Pk	35.1	11.8	0	-34.28	-36.66	-27	-9.66	172	203	H

Pk - Peak detector

### VERTICAL RESULT



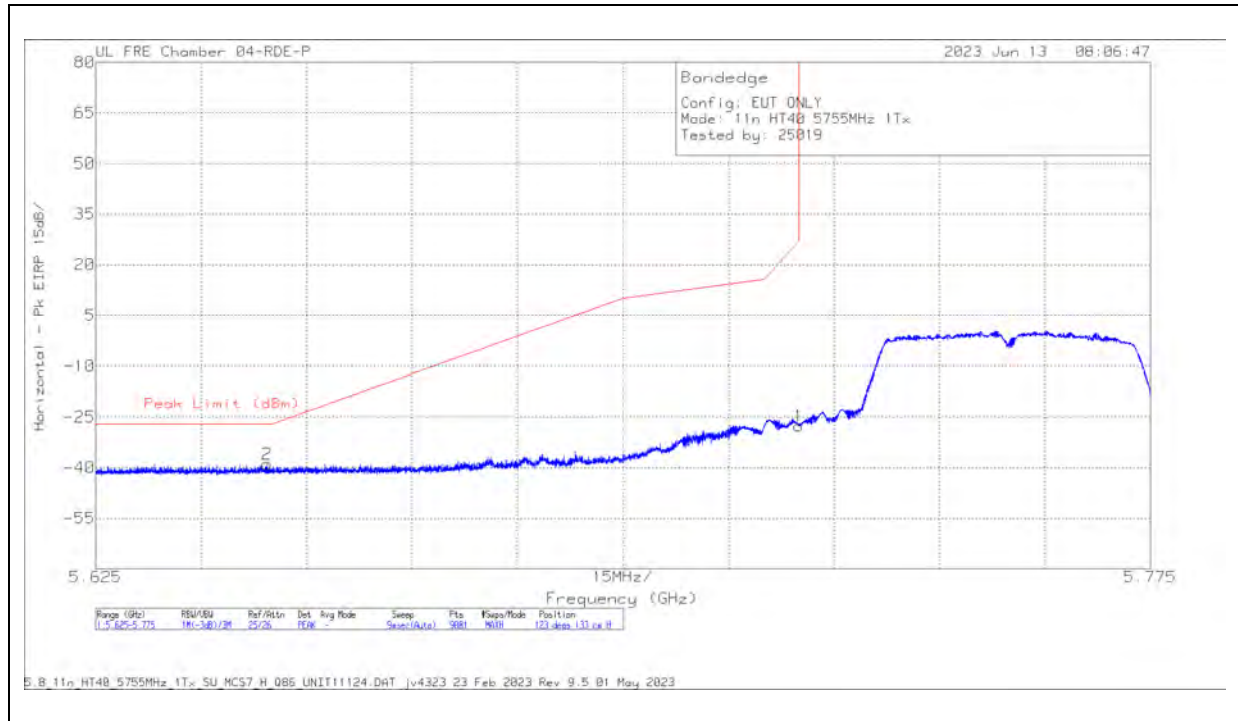
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-47.66	Pk	34.9	11.8	0	-34.34	-35.3	27	-62.3	288	119	V
2	5.99955	-49.86	Pk	35.2	11.8	0	-34.24	-37.1	-27	-10.1	288	119	V

Pk - Peak detector

**1TX Antenna 5 MODE**

**BANDEDGE (LOW CHANNEL)**

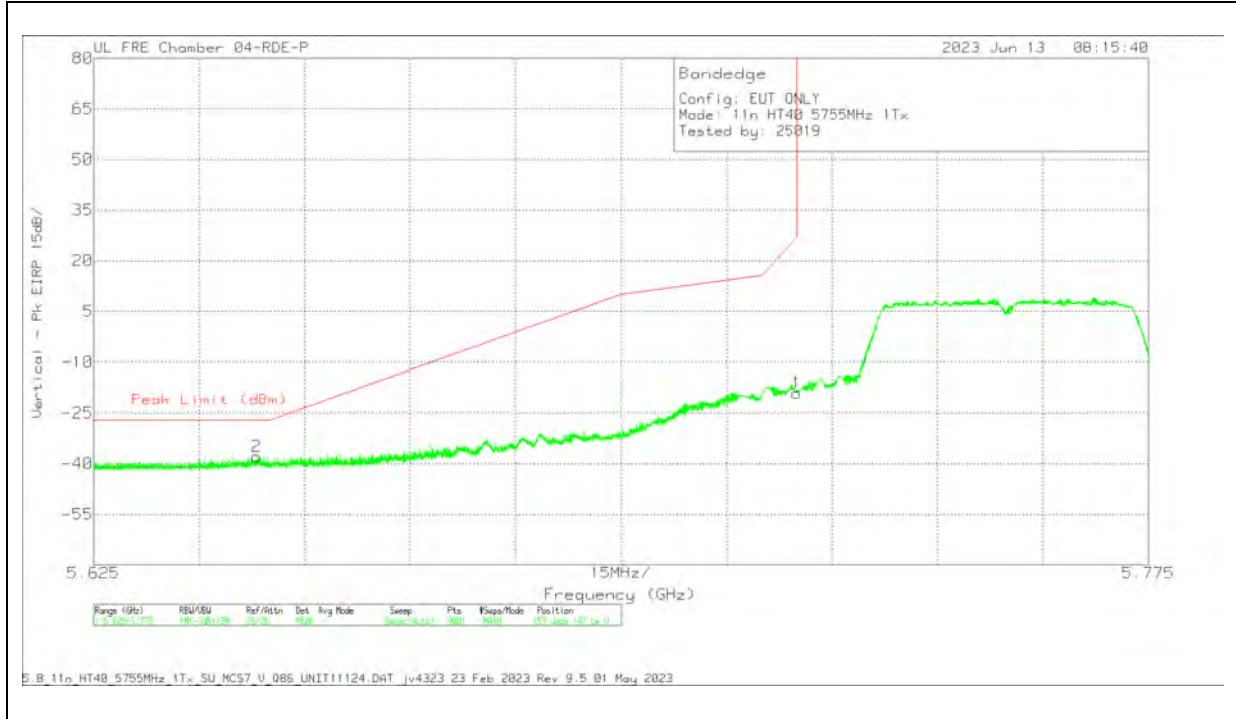
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222740 ACF(dB) - 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.649367	-47.97	Pk	34.5	11.8	0	-37.24	-38.91	-27	-11.91	123	133	H
1	5.725	-36.85	Pk	34.5	11.8	0	-37.07	-27.62	27	-54.62	123	133	H

Pk - Peak detector

### VERTICAL RESULT

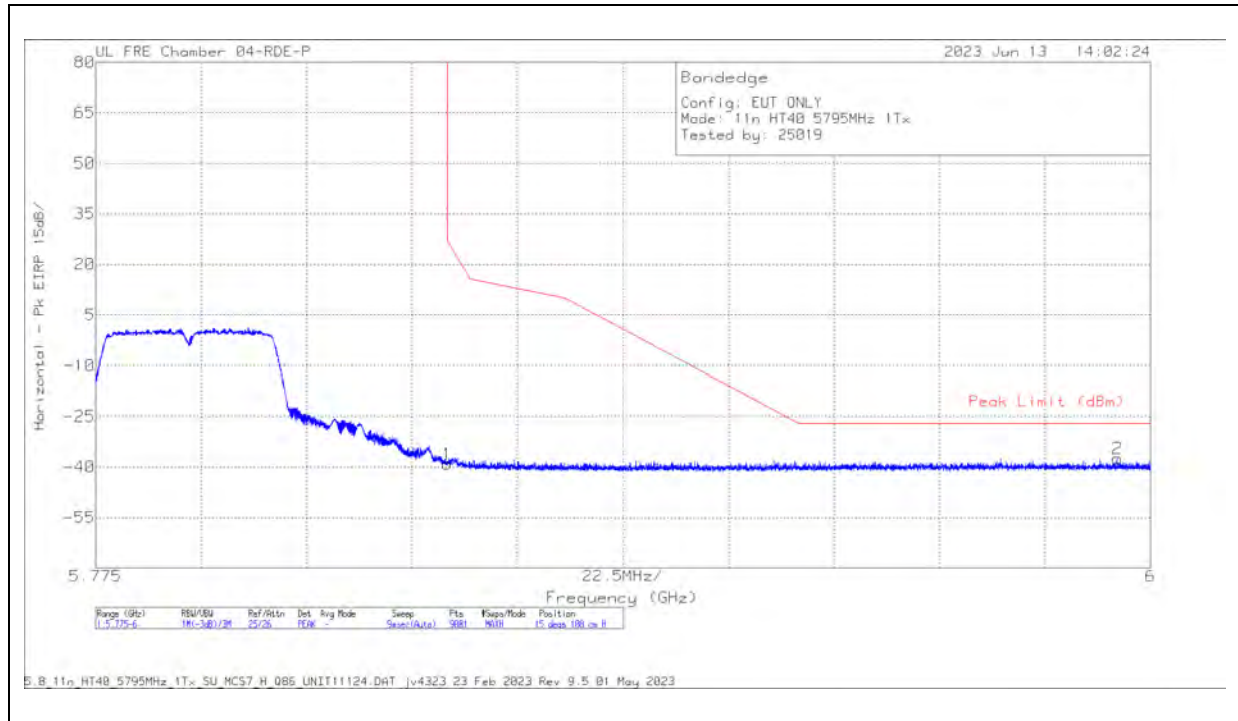


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222740 ACF(dB) - 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.648167	-46.88	Pk	34.5	11.8	0	-37.15	-37.73	-27	-10.73	157	147	V
1	5.725	-28.3	Pk	34.5	11.8	0	-37.07	-19.07	27	-46.07	157	147	V

Pk - Peak detector

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222740 ACF(dB) - 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-48.95	Pk	34.7	11.8	0	-36.6	-39.05	27	-66.05	15	108	H
2	5.992975	-48.26	Pk	35	11.8	0	-35.97	-37.43	-27	-10.43	15	108	H

Pk - Peak detector

### VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222740 ACF(dB) - 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-45.33	Pk	34.7	11.8	0	-36.6	-35.43	27	-62.43	169	120	V
2	5.982875	-48.36	Pk	35	11.8	0	-36.11	-37.67	-27	-10.67	169	120	V

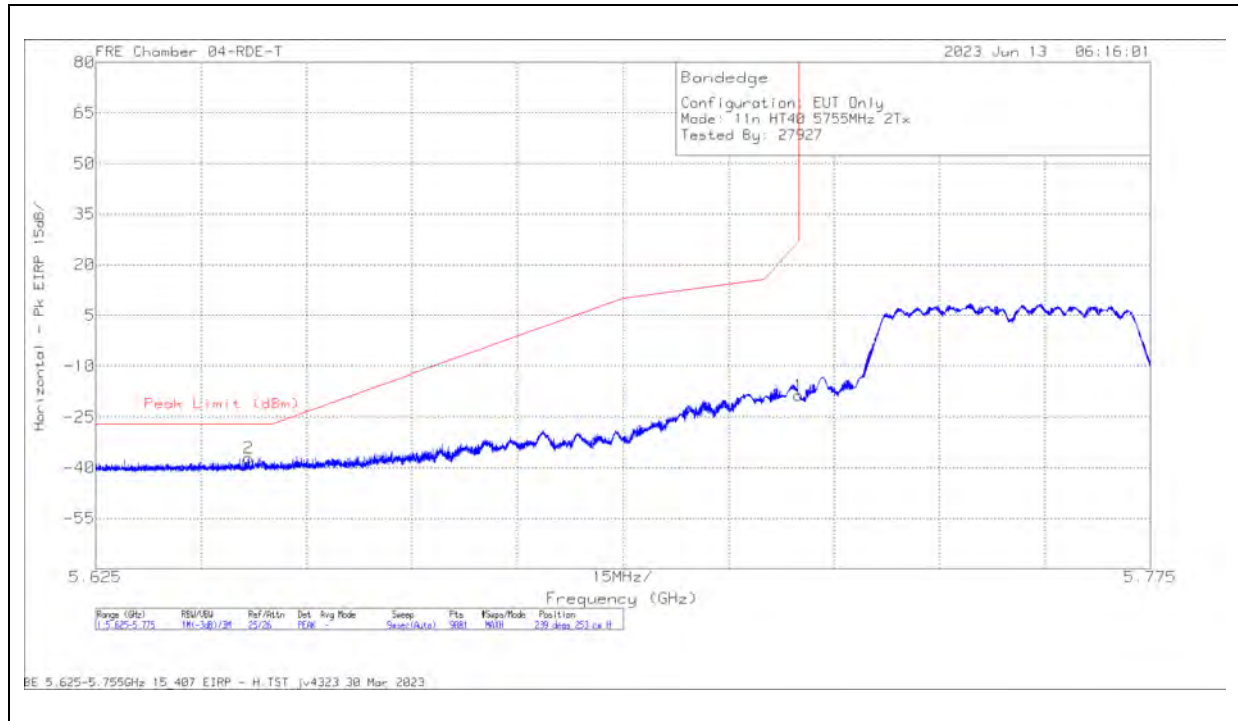
Pk - Peak detector



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

**BANDEDGE (LOW CHANNEL)**

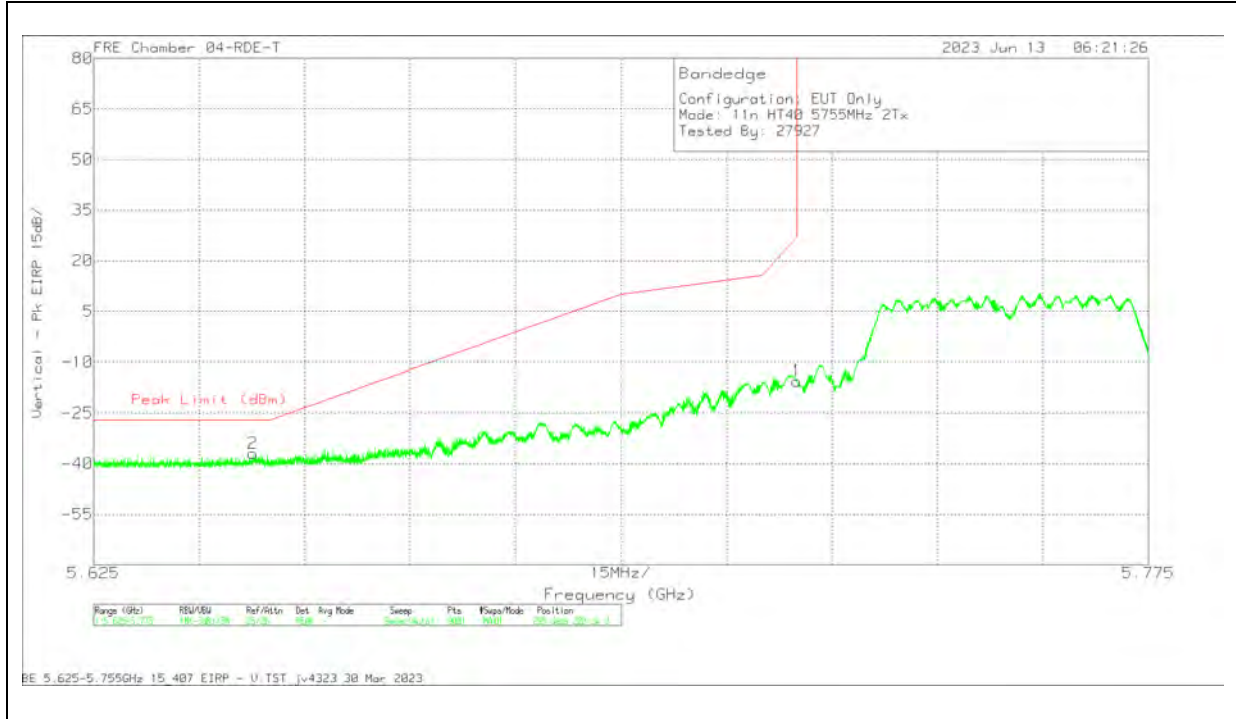
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.6467	-48.82	Pk	34.5	11.8	0	-34.54	-37.06	-27	-10.06	239	253	H
1	5.725	-30.45	Pk	34.6	11.8	0	-34.48	-18.53	27	-45.53	239	253	H

Pk - Peak detector

### VERTICAL RESULT

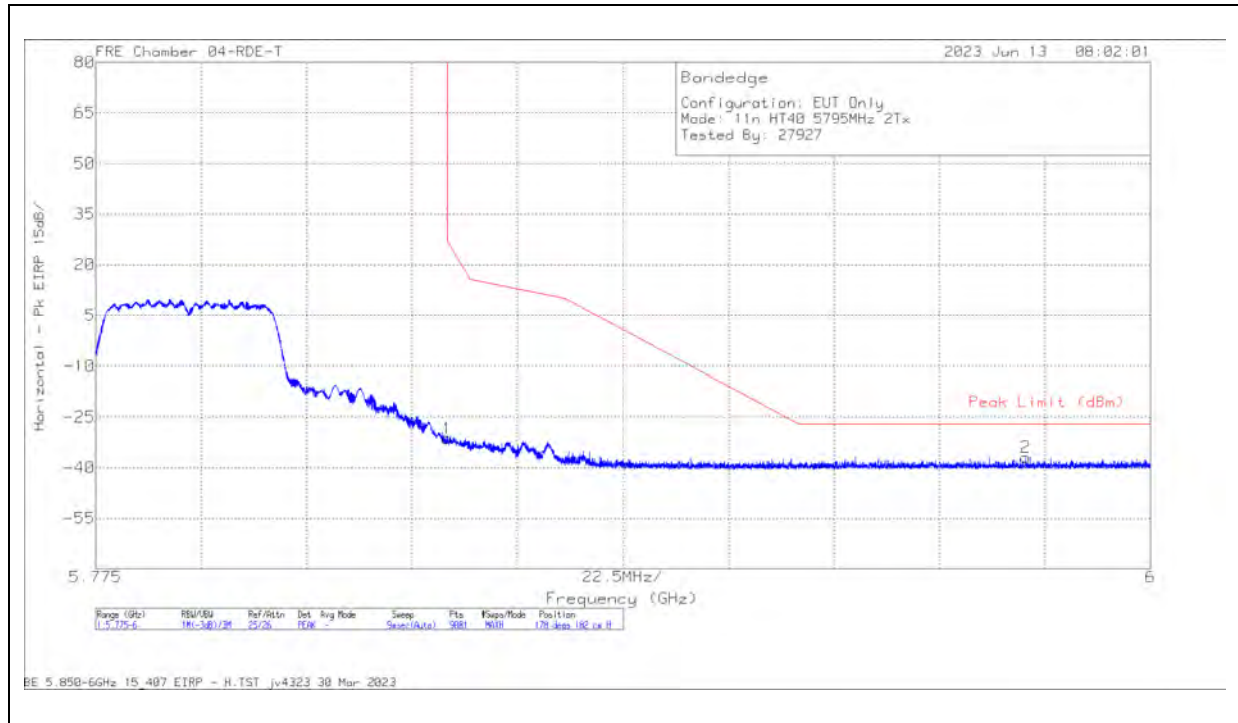


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.64765	-48.72	Pk	34.5	11.8	0	-34.52	-36.94	-27	-9.94	295	220	V
1	5.725	-27.47	Pk	34.6	11.8	0	-34.48	-15.55	27	-42.55	295	220	V

Pk - Peak detector

**BANDEDGE (HIGH CHANNEL)**

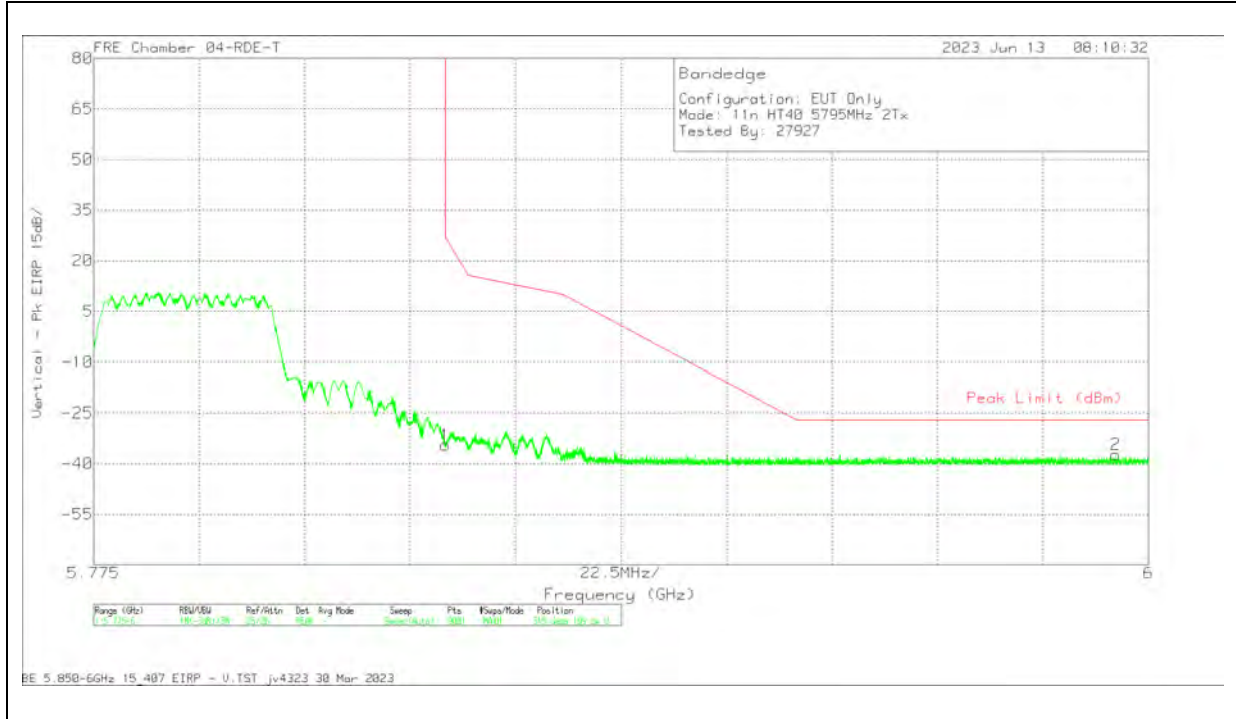
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-43.61	Pk	34.9	11.8	0	-34.34	-31.25	27	-58.25	178	182	H
2	5.973375	-49.65	Pk	35.2	11.8	0	-34.25	-36.9	-27	-9.9	178	182	H

Pk - Peak detector

### VERTICAL RESULT

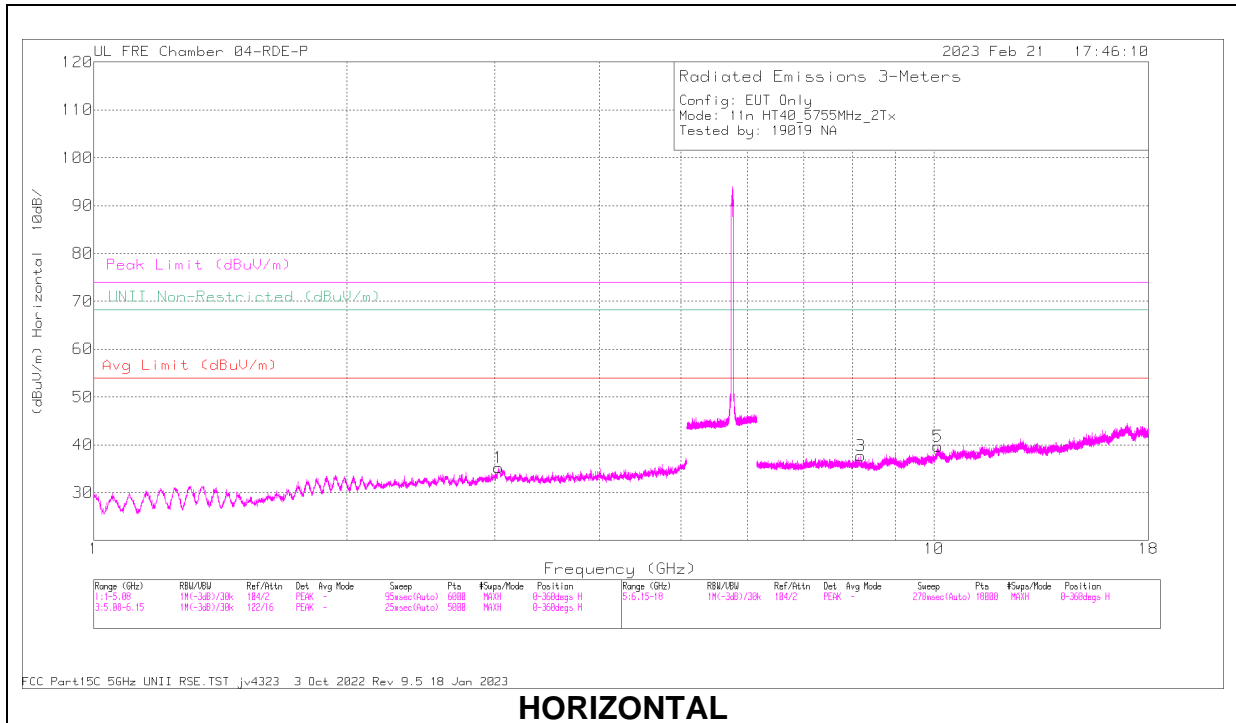


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-46.77	Pk	34.9	11.8	0	-34.34	-34.41	27	-61.41	315	199	V
2	5.993075	-50.07	Pk	35.2	11.8	0	-34.27	-37.34	-27	-10.34	315	199	V

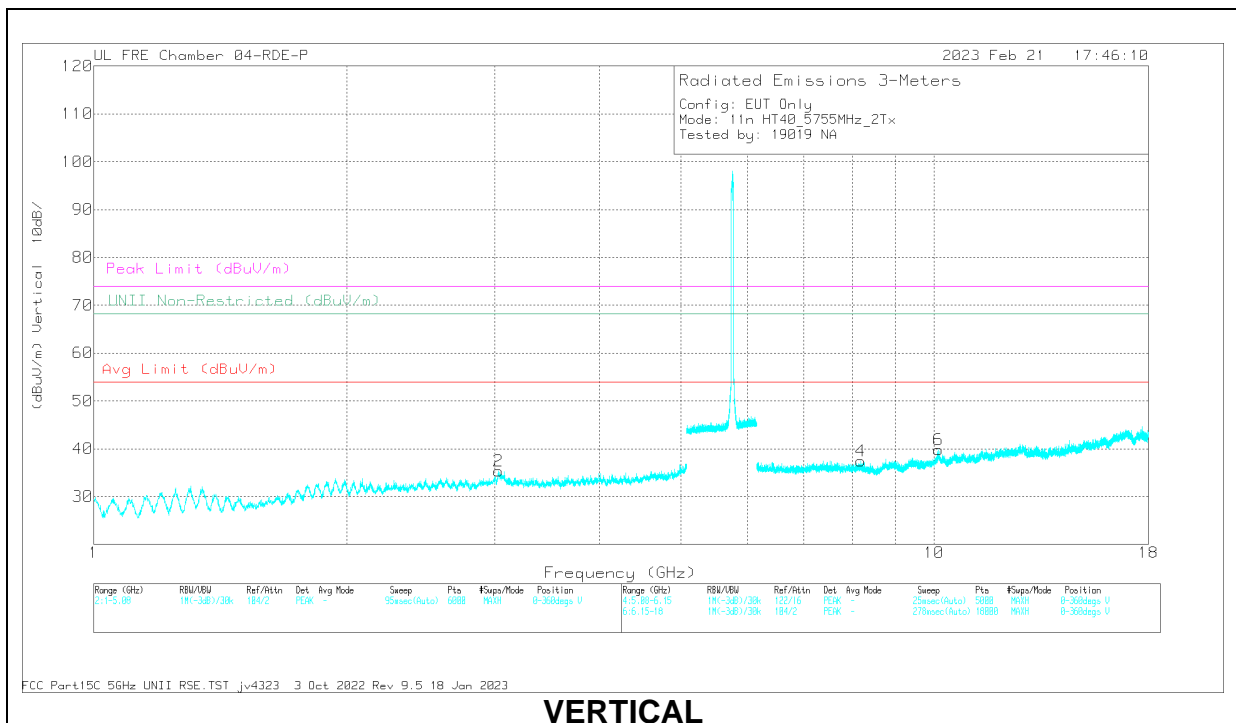
Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



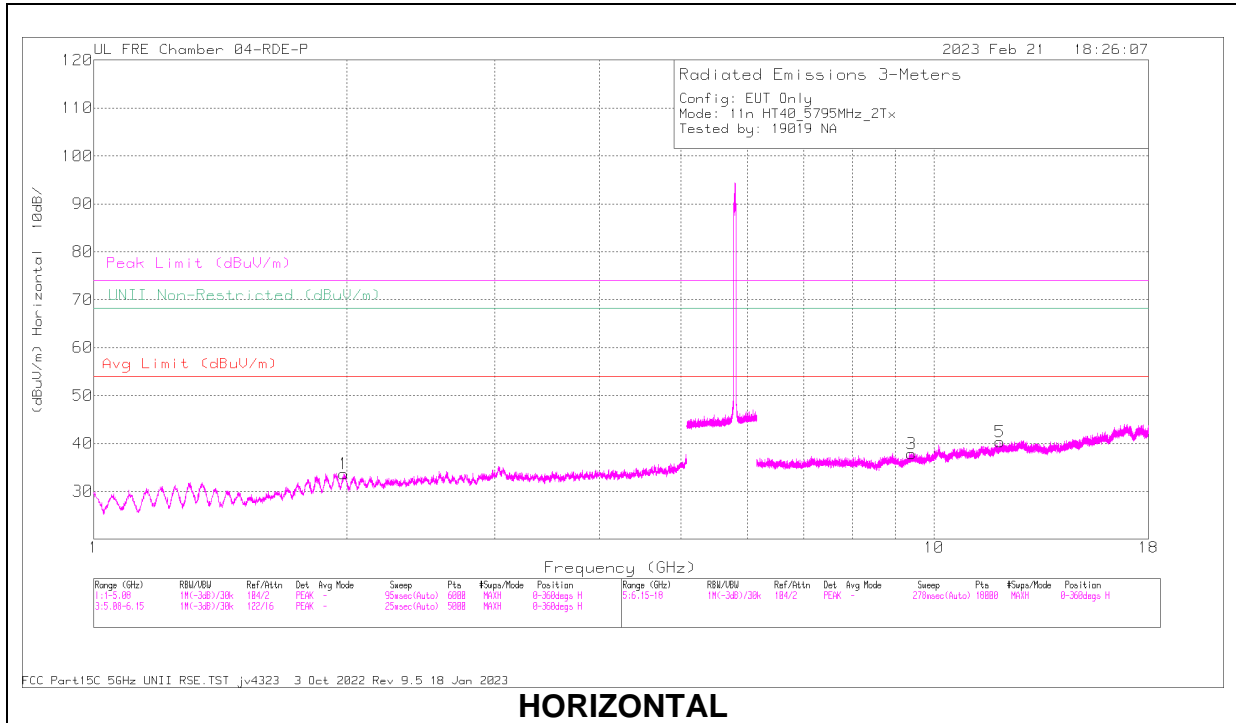
**VERTICAL**

**RADIATED EMISSIONS**

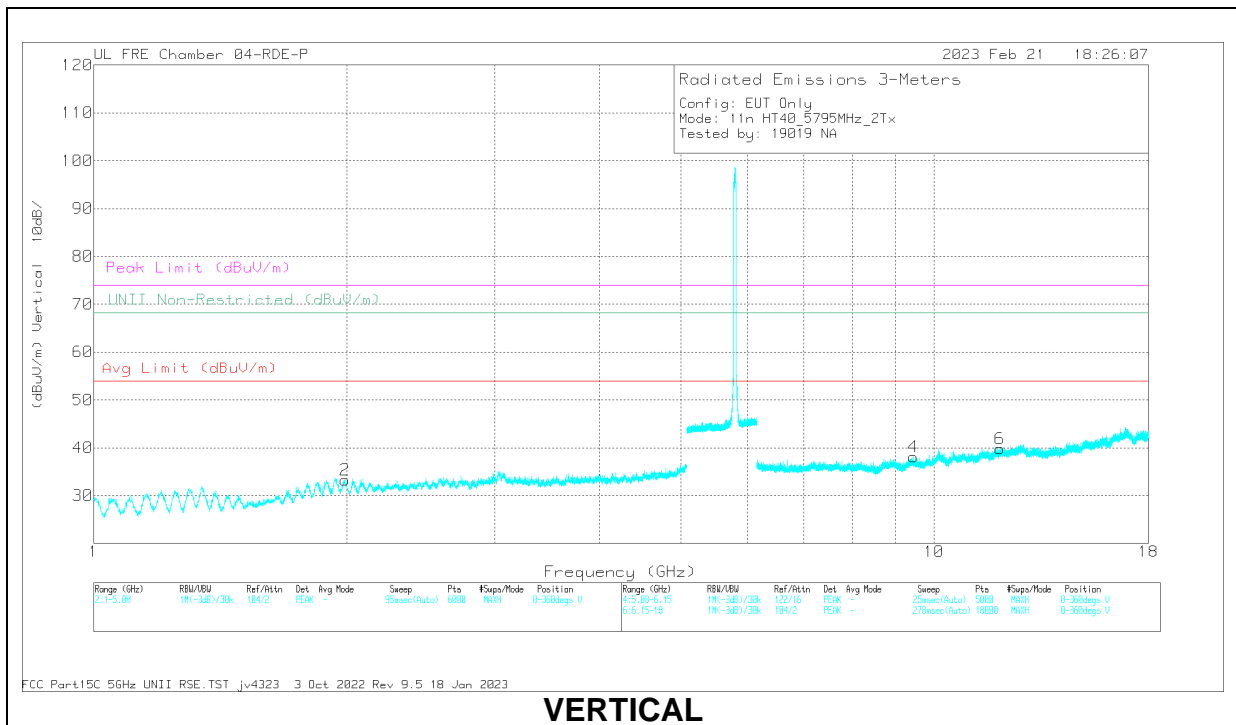
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	3.029716	59.47	PK-U	33.4	0	-47.8	45.07	-	-	-	-	68.2	-23.13	118	157	V
1	3.033059	59.71	PK-U	33.4	0	-47.74	45.37	-	-	-	-	68.2	-22.83	227	209	H
3	*8.180618	56.15	PK-U	35.7	0	-44.51	47.34	-	-	74	-26.66	-	-	217	156	H
	*8.184242	43.77	ADR	35.7	.19	-44.4	35.26	54	-18.74	-	-	-	-	217	156	H
4	*8.184327	55.47	PK-U	35.7	0	-44.41	46.76	-	-	74	-27.24	-	-	350	296	V
	*8.184676	43.72	ADR	35.7	.19	-44.41	35.20	54	-18.80	-	-	-	-	350	296	V
5	10.107288	58.11	PK-U	37.1	0	-46.52	48.69	-	-	-	-	68.2	-19.51	312	164	H
6	10.127707	58.59	PK-U	37.2	0	-46.29	49.50	-	-	-	-	68.2	-18.7	357	261	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	222740 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	1.984653	60.97	PK-U	31.5	0	-48.89	43.58	-	-	-	-	68.2	-24.62	307	242	H
2	1.989636	60.86	PK-U	31.5	0	-48.97	43.39	-	-	-	-	68.2	-24.81	161	134	V
	*9.404842	43.99	ADR	36.3	.19	-44.26	36.22	54	-17.78	-	-	-	-	223	260	H
3	*9.405624	55.79	PK-U	36.3	0	-44.28	47.81	-	-	74	-26.19	-	-	223	260	H
4	*9.451461	55.96	PK-U	36.4	0	-44.61	47.75	-	-	74	-26.25	-	-	326	238	V
	*9.452001	44.27	ADR	36.4	.19	-44.58	36.28	54	-17.72	-	-	-	-	326	238	V
5	*11.978552	54.93	PK-U	38.6	0	-43.42	50.11	-	-	74	-23.89	-	-	278	163	H
	*11.979994	43.4	ADR	38.6	.19	-43.42	38.77	54	-15.23	-	-	-	-	278	163	H
	*11.985302	43.2	ADR	38.6	.19	-43.5	38.49	54	-15.51	-	-	-	-	289	145	V
6	*11.98755	54.91	PK-U	38.6	0	-43.45	50.06	-	-	74	-23.94	-	-	289	145	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

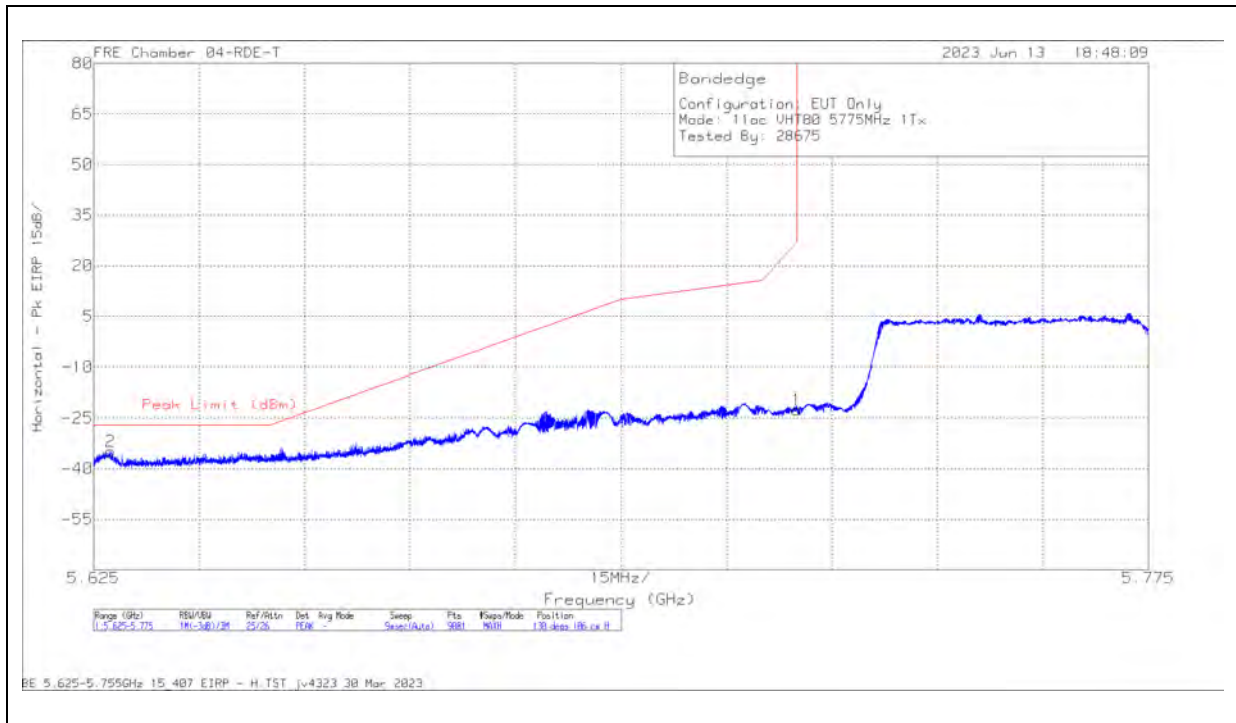


### 1.1.16. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

#### 1TX Antenna 6 MODE

#### BANDEDGE (CHANNEL 155 LOW EDGE)

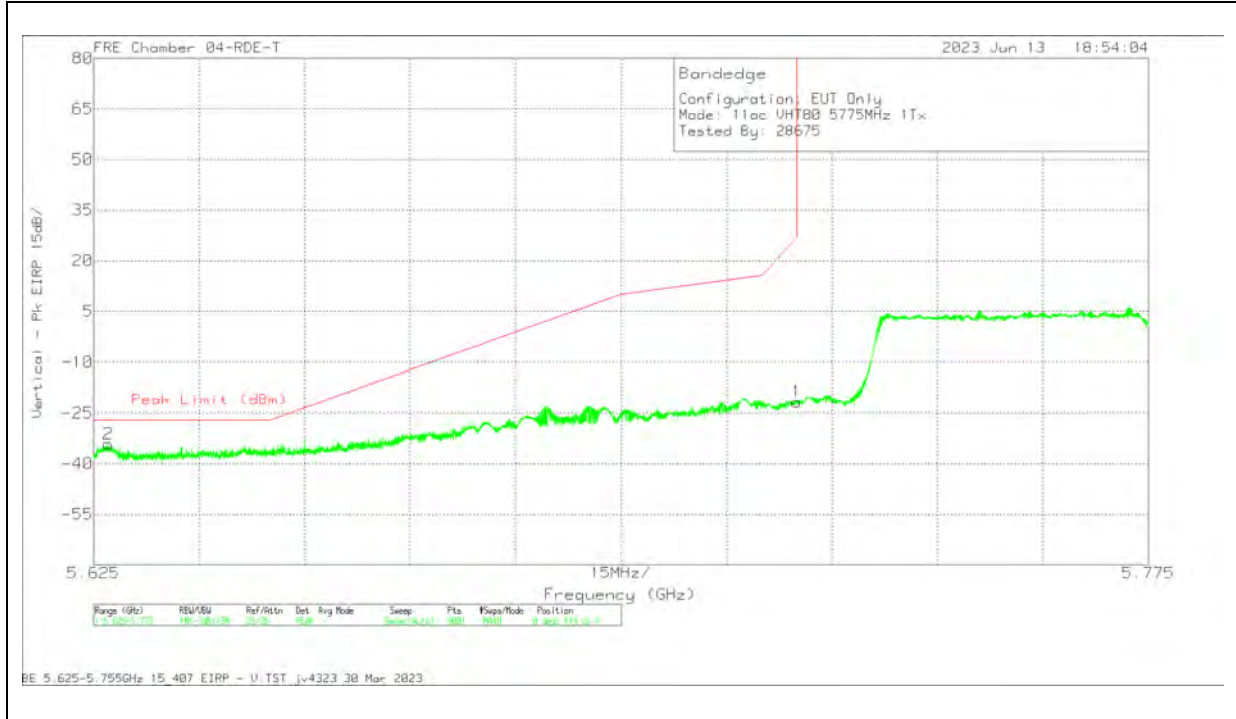
#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.627367	-46.67	Pk	34.5	11.8	0	-34.54	-34.91	-27	-7.91	130	106	H
1	5.725	-34.49	Pk	34.6	11.8	0	-34.48	-22.57	27	-49.57	130	106	H

Pk - Peak detector

### VERTICAL RESULT

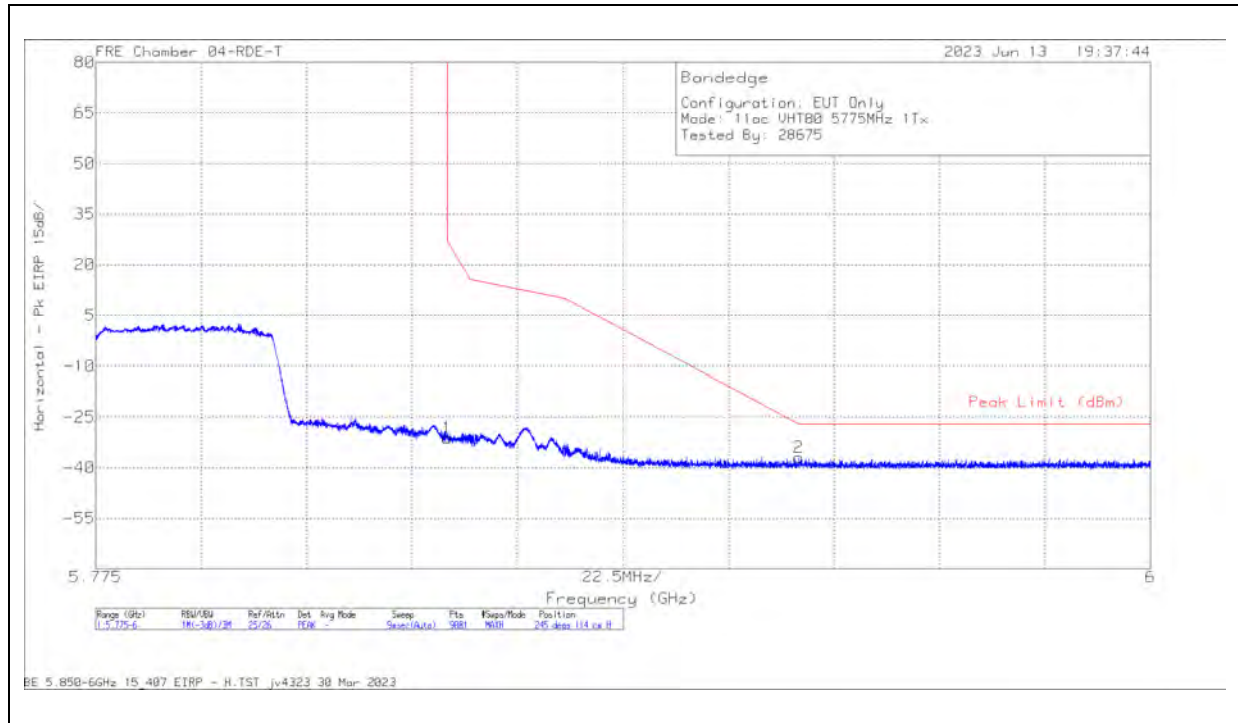


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.627083	-45.93	Pk	34.5	11.8	0	-34.53	-34.16	-27	-7.16	8	119	V
1	5.725	-33.49	Pk	34.6	11.8	0	-34.48	-21.57	27	-48.57	8	119	V

Pk - Peak detector

**BANDEDGE (CHANNEL 155 HIGH EDGE)**

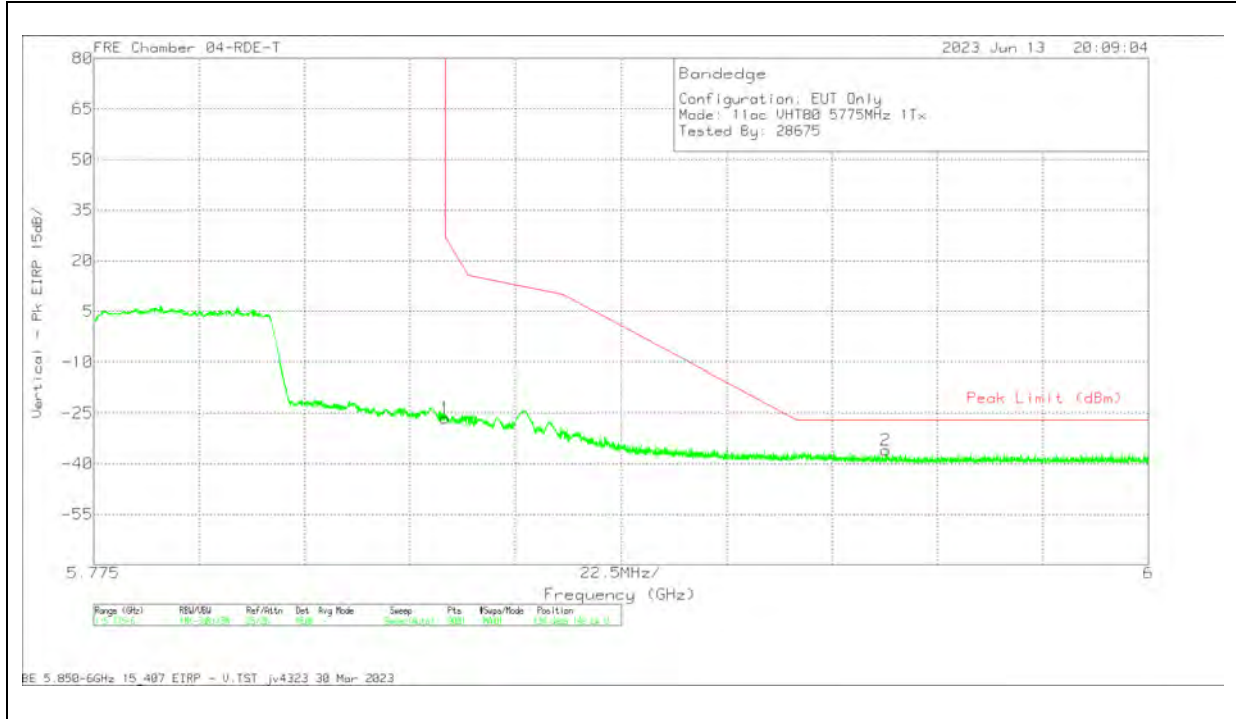
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-43.43	Pk	34.9	11.8	0	-34.34	-31.07	27	-58.07	245	114	H
2	5.925025	-49.5	Pk	35.1	11.8	0	-34.25	-36.85	-27	-9.85	245	114	H

Pk - Peak detector

### VERTICAL RESULT



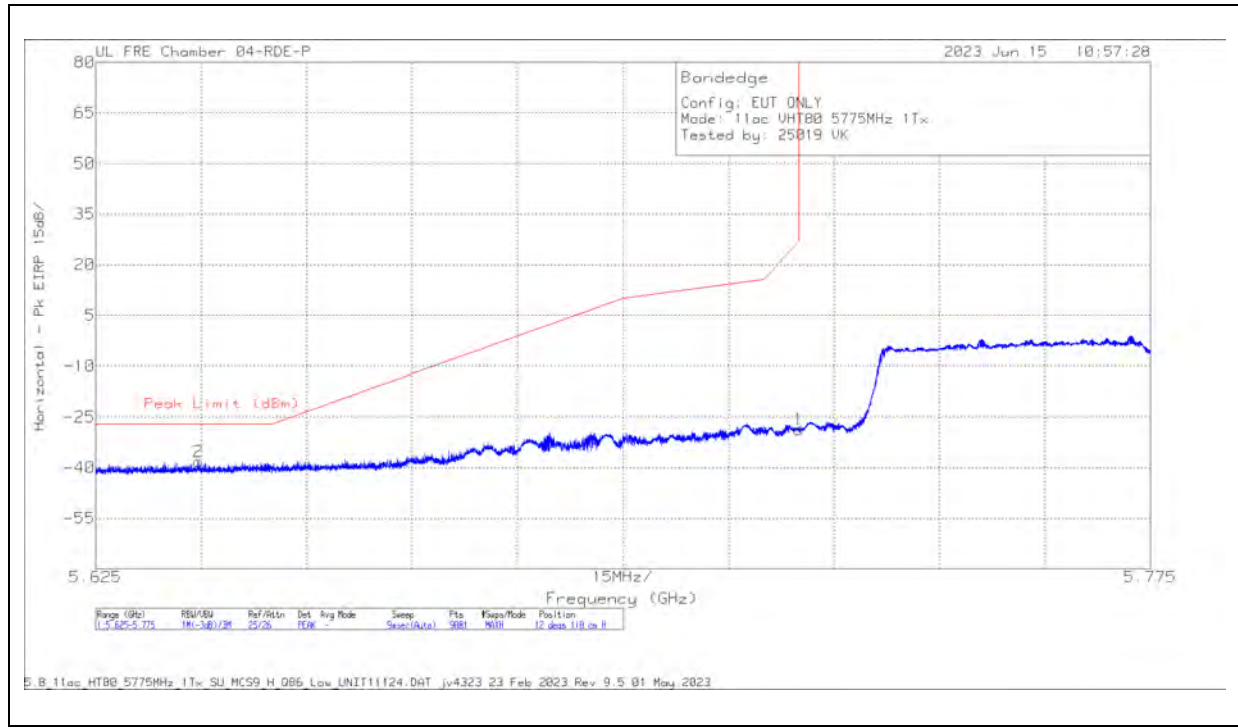
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-38.79	Pk	34.9	11.8	0	-34.34	-26.43	27	-53.43	134	142	V
2	5.944	-48.57	Pk	35.1	11.8	0	-34.25	-35.92	-27	-8.92	134	142	V

Pk - Peak detector

**1TX Antenna 5 MODE**

**BANDEDGE (CHANNEL 155 LOW EDGE)**

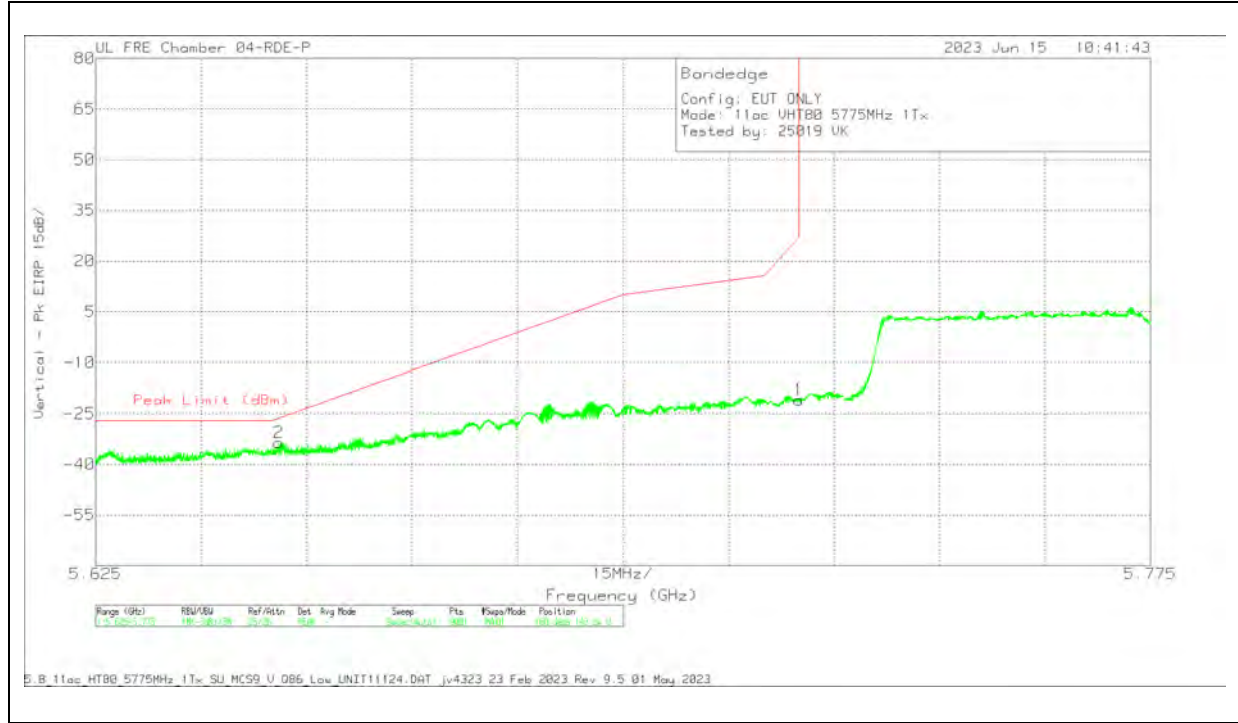
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222740 ACF(dB) - 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.639634	-47.13	Pk	34.5	11.8	0	-37.3	-38.13	-27	-11.13	12	110	H
1	5.725	-37.88	Pk	34.5	11.8	0	-37.07	-28.65	27	-55.65	12	110	H

Pk - Peak detector

### VERTICAL RESULT

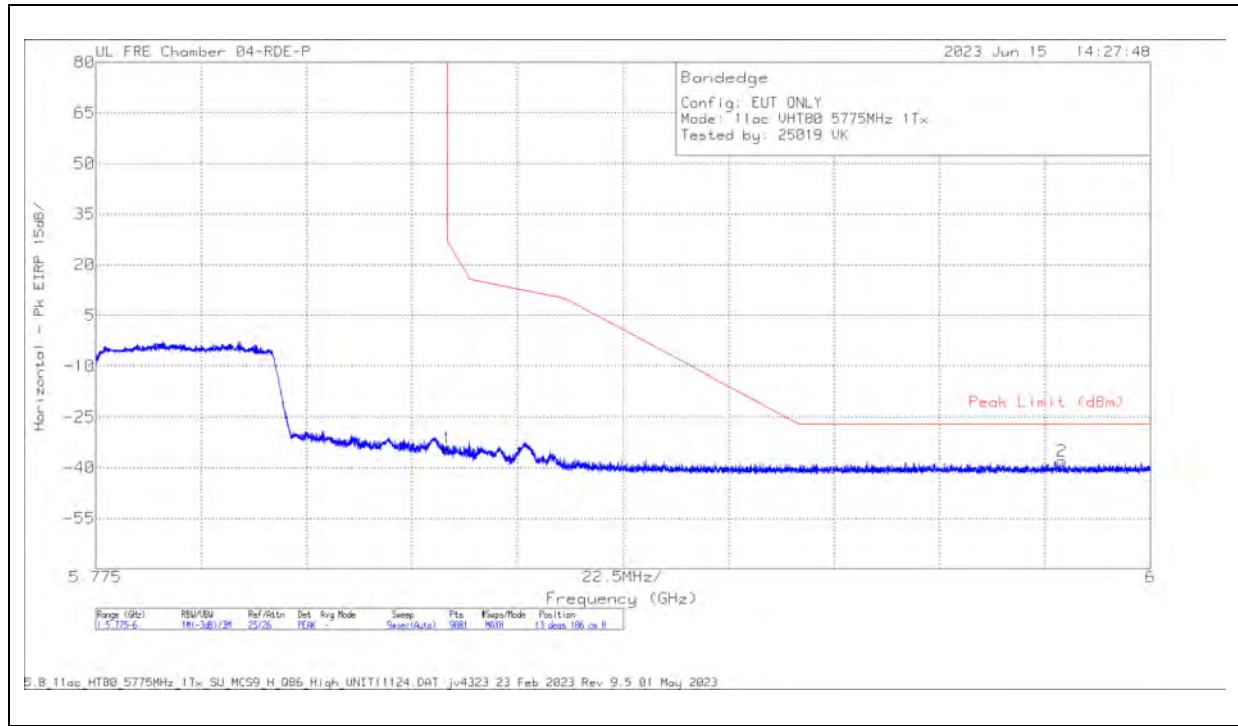


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222740 ACF(dB) - 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.651051	-42.54	Pk	34.5	11.8	0	-37.25	-33.49	-26.22	-7.27	160	143	V
1	5.725	-30.09	Pk	34.5	11.8	0	-37.07	-20.86	27	-47.86	160	143	V

Pk - Peak detector

**BANDEDGE (CHANNEL 155 HIGH EDGE)**

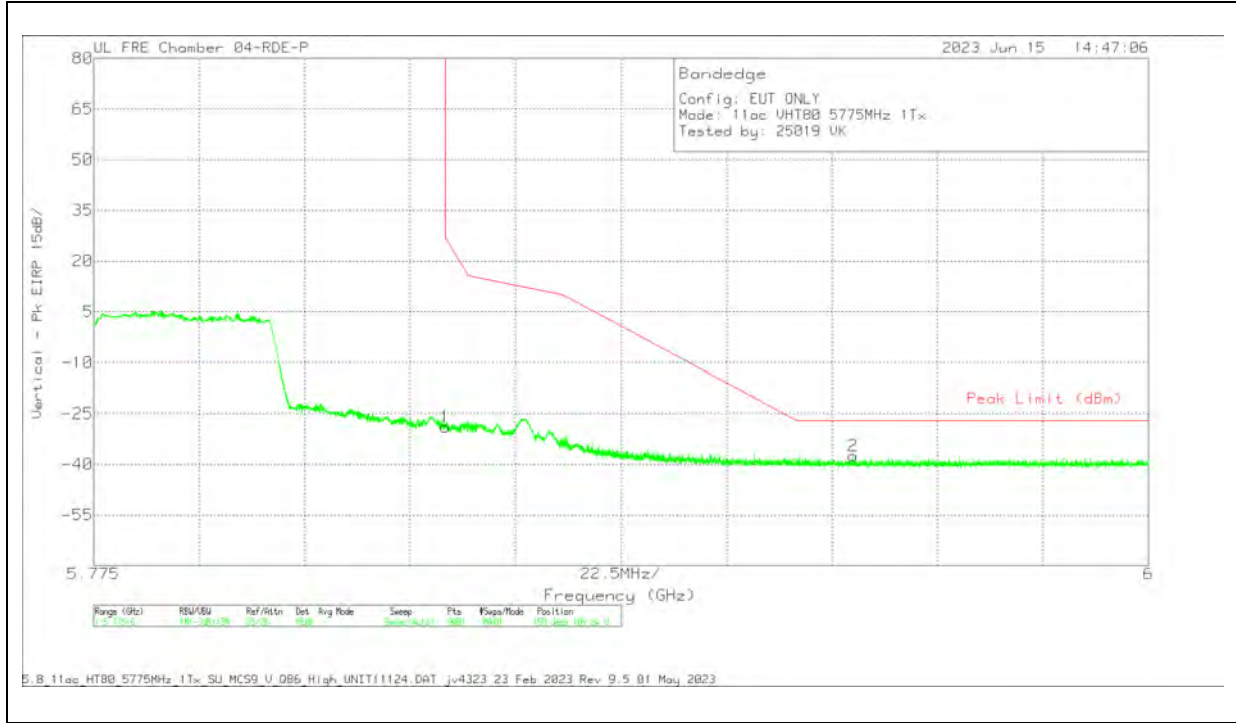
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222740 ACF(dB) - 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-44.23	Pk	34.7	11.8	0	-36.6	-34.33	27	-61.33	13	106	H
2	5.981125	-48.71	Pk	35	11.8	0	-36.09	-38	-27	-11	13	106	H

Pk - Peak detector

### VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222740 ACF(dB) - 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-38.72	Pk	34.7	11.8	0	-36.6	-28.82	27	-55.82	150	109	V
2	5.937025	-47.91	Pk	34.9	11.8	0	-36.18	-37.39	-27	-10.39	150	109	V

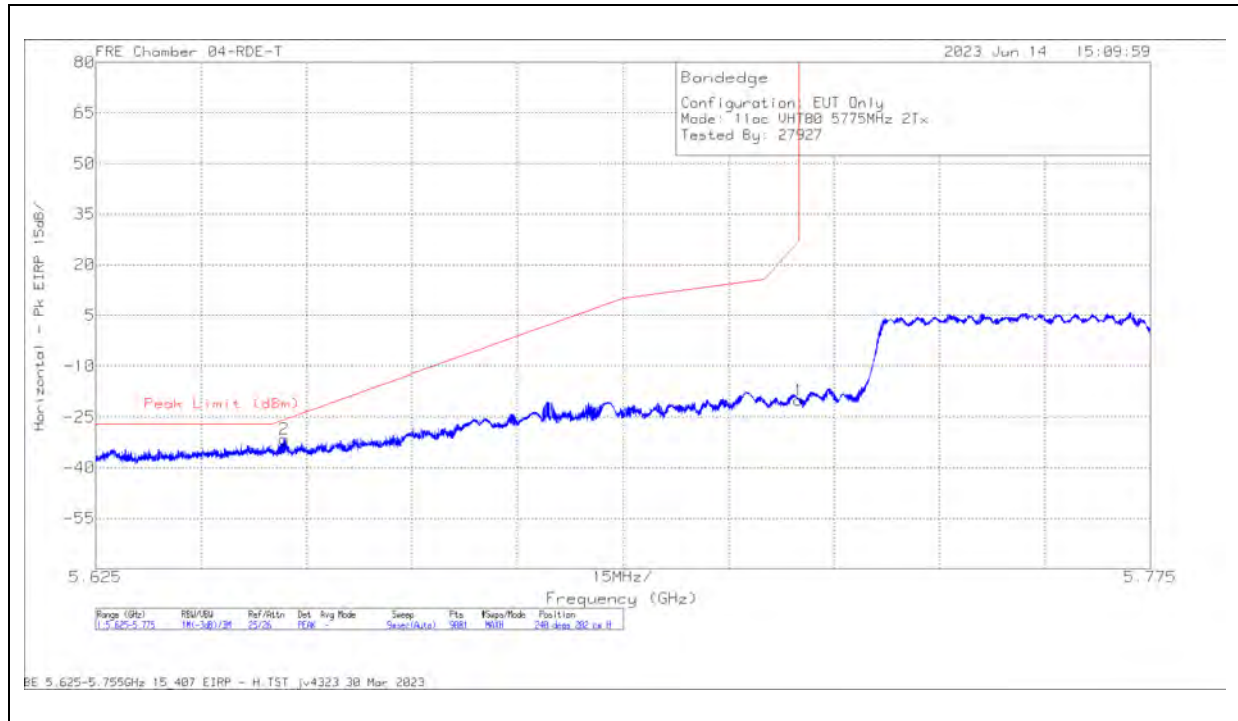
Pk - Peak detector



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

**BANDEDGE (CHANNEL 155 LOW EDGE)**

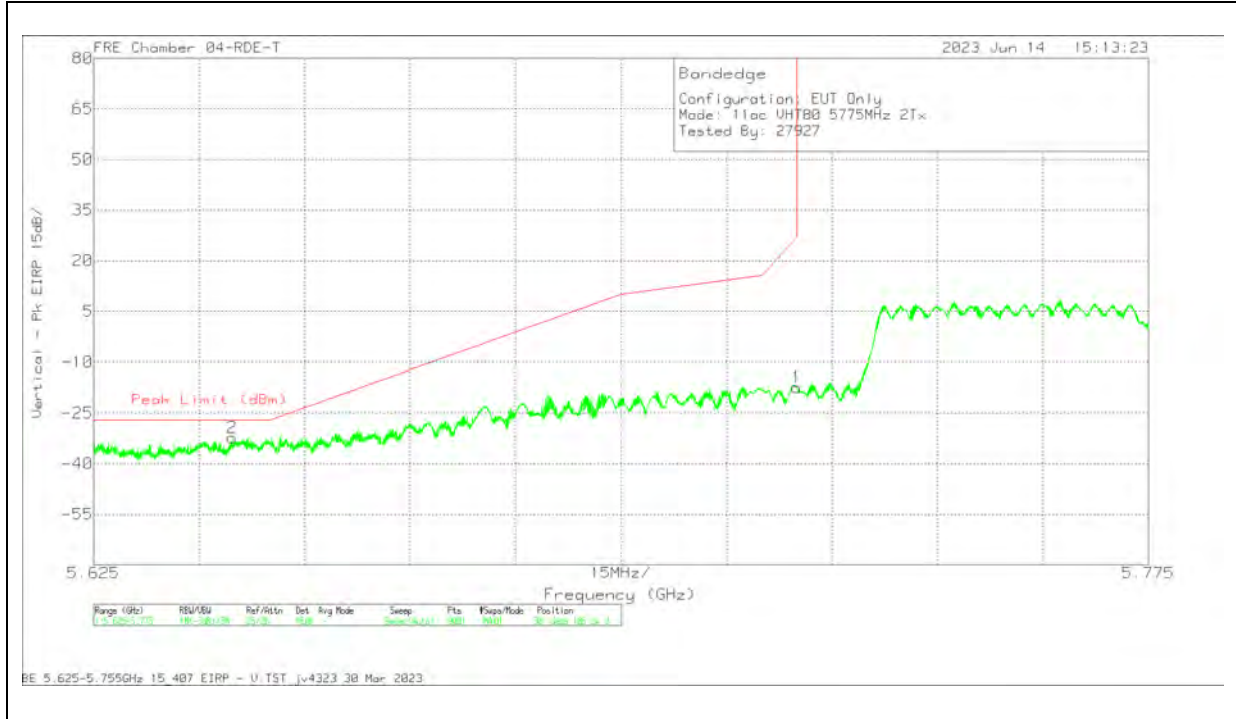
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.651851	-43.29	Pk	34.5	11.8	0	-34.53	-31.52	-25.63	-5.89	240	202	H
1	5.725	-31.96	Pk	34.6	11.8	0	-34.48	-20.04	27	-47.04	240	202	H

Pk - Peak detector

### VERTICAL RESULT

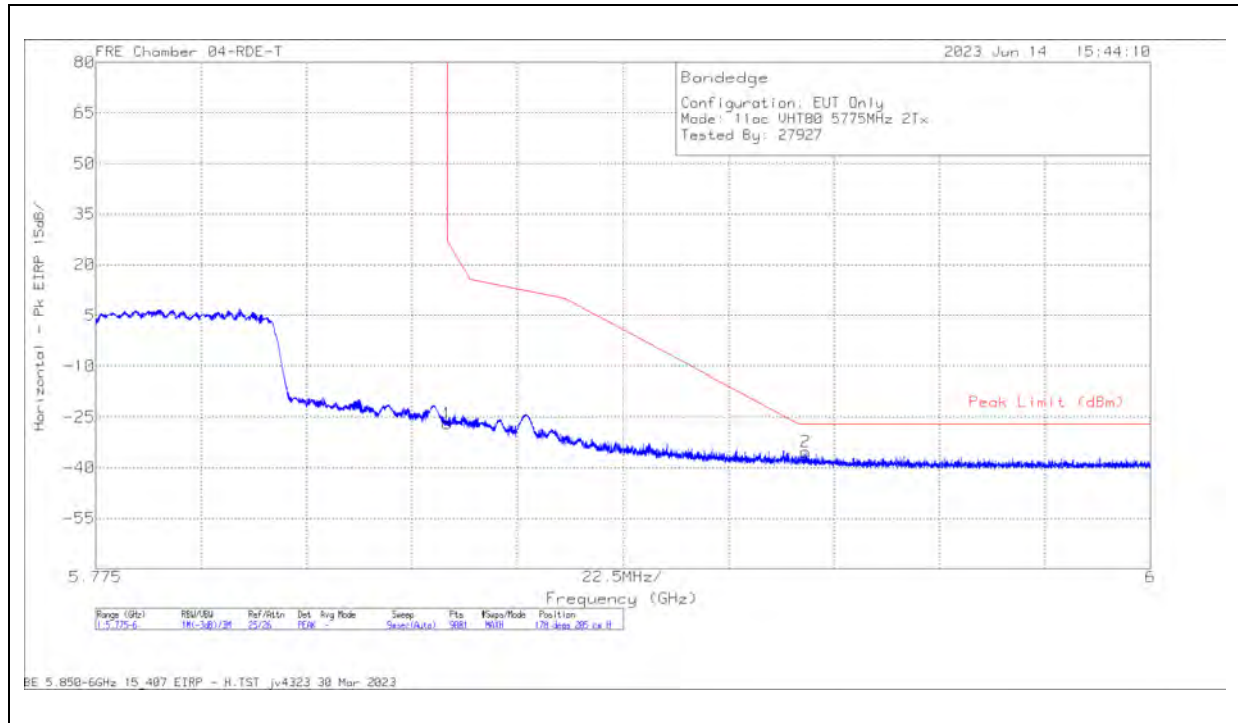


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.644667	-44	Pk	34.5	11.8	0	-34.55	-32.25	-27	-5.25	301	185	V
1	5.725	-29.36	Pk	34.6	11.8	0	-34.48	-17.44	27	-44.44	301	185	V

Pk - Peak detector

**BANDEDGE (CHANNEL 155 HIGH EDGE)**

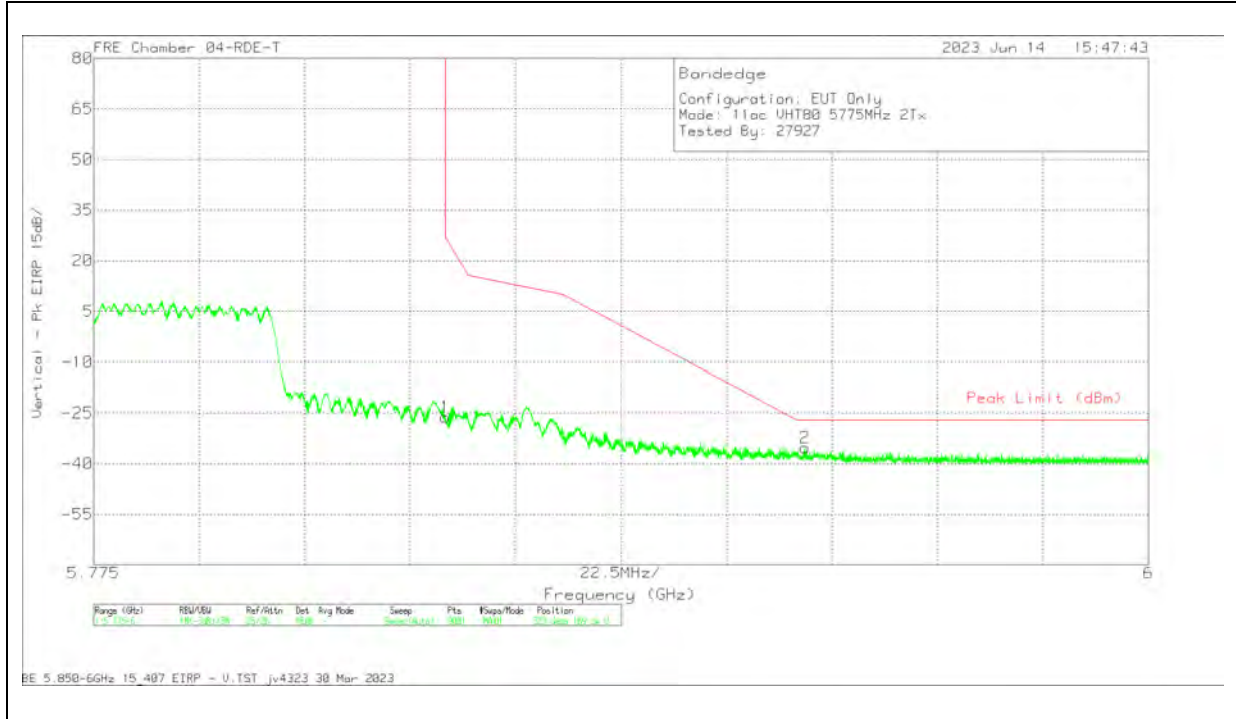
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-39.19	Pk	34.9	11.8	0	-34.34	-26.83	27	-53.83	178	205	H
2	5.926525	-47.92	Pk	35.1	11.8	0	-34.23	-35.25	-27	-8.25	178	205	H

Pk - Peak detector

### VERTICAL RESULT

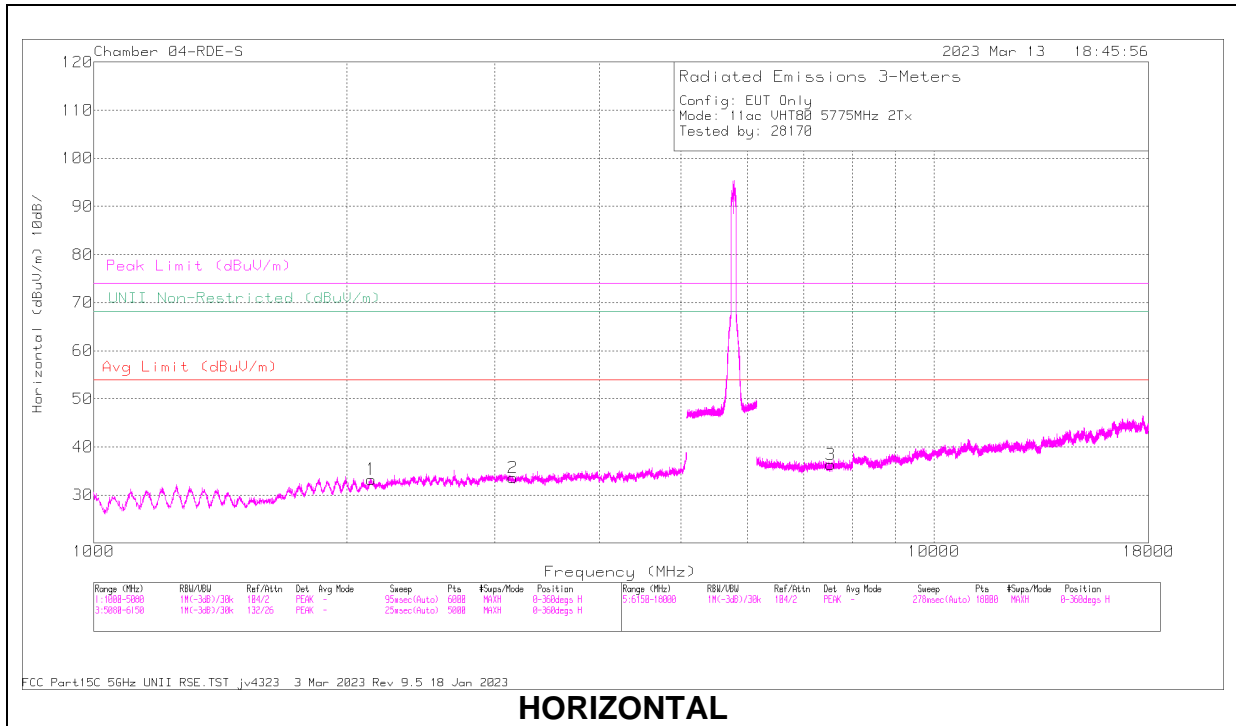


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-38.56	Pk	34.9	11.8	0	-34.34	-26.2	27	-53.2	323	169	V
2	5.926675	-47.82	Pk	35.1	11.8	0	-34.23	-35.15	-27	-8.15	323	169	V

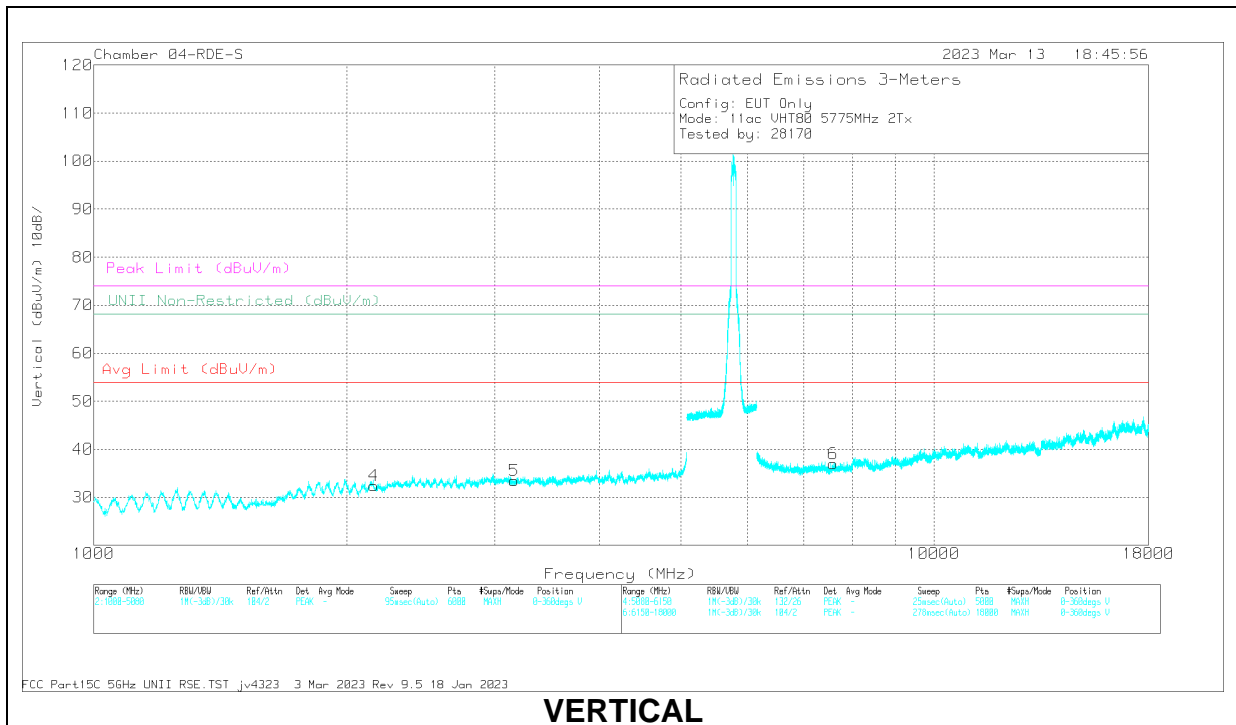
Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**

**MID CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200784 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	2139.513	59.93	PK-U	31.4	0	-47.26	44.07	-	-	-	-	68.2	-24.13	360	100	H
4	2154.828	58.52	PK-U	31.4	0	-47.25	42.67	-	-	-	-	68.2	-25.53	360	201	V
2	3153.801	57.14	PK-U	32.8	0	-46.24	43.7	-	-	-	-	68.2	-24.5	360	100	H
5	3163.362	57	PK-U	32.8	0	-46.17	43.63	-	-	-	-	68.2	-24.57	360	200	V
3	*7536.691	54.49	PK-U	35.7	0	-43.64	46.55	-	-	74	-27.45	-	-	360	100	H
	*7539.242	42.76	ADR	35.7	.37	-43.64	35.19	54	-18.81	-	-	-	-	360	100	H
	*7583.642	42.86	ADR	35.8	.37	-43.65	35.38	54	-18.62	-	-	-	-	360	201	V
6	*7584.279	54.81	PK-U	35.8	0	-43.61	47	-	-	74	-27	-	-	360	201	V

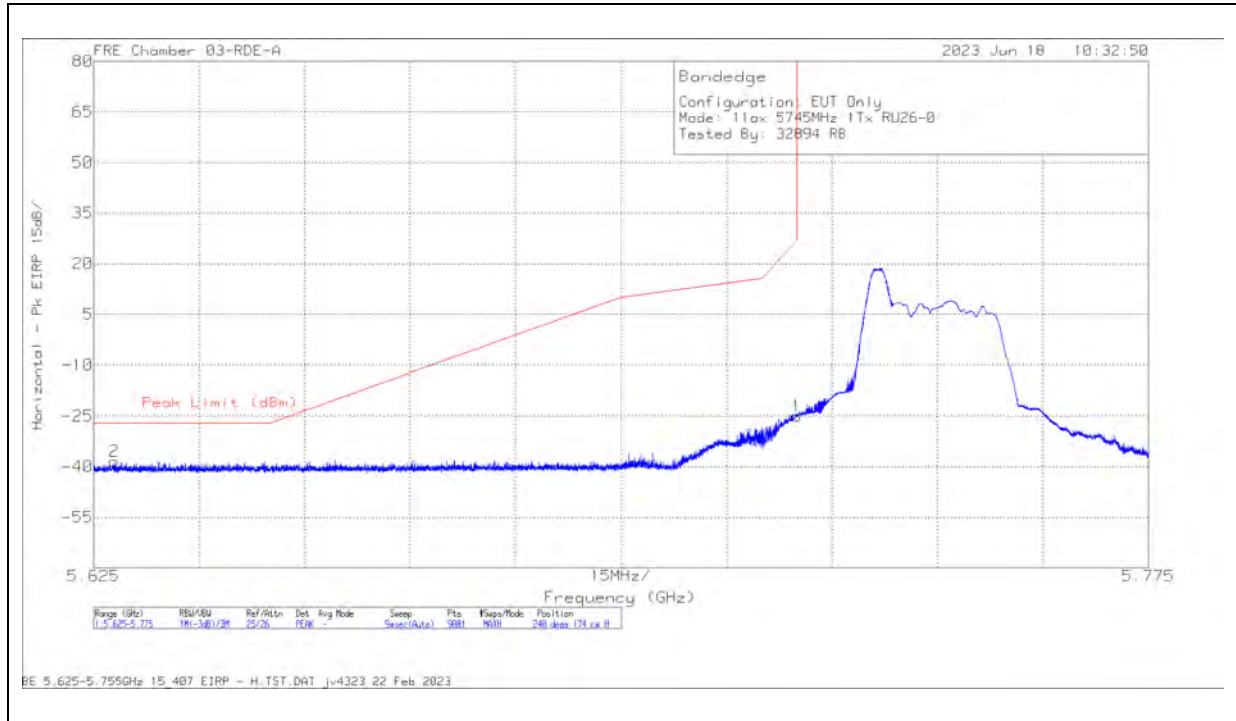
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

### 1.1.17. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.8GHz BAND

**1TX Antenna 6 MODE: 26-Tone, RU Index 0**

**BANDEDGE (LOW CHANNEL)**

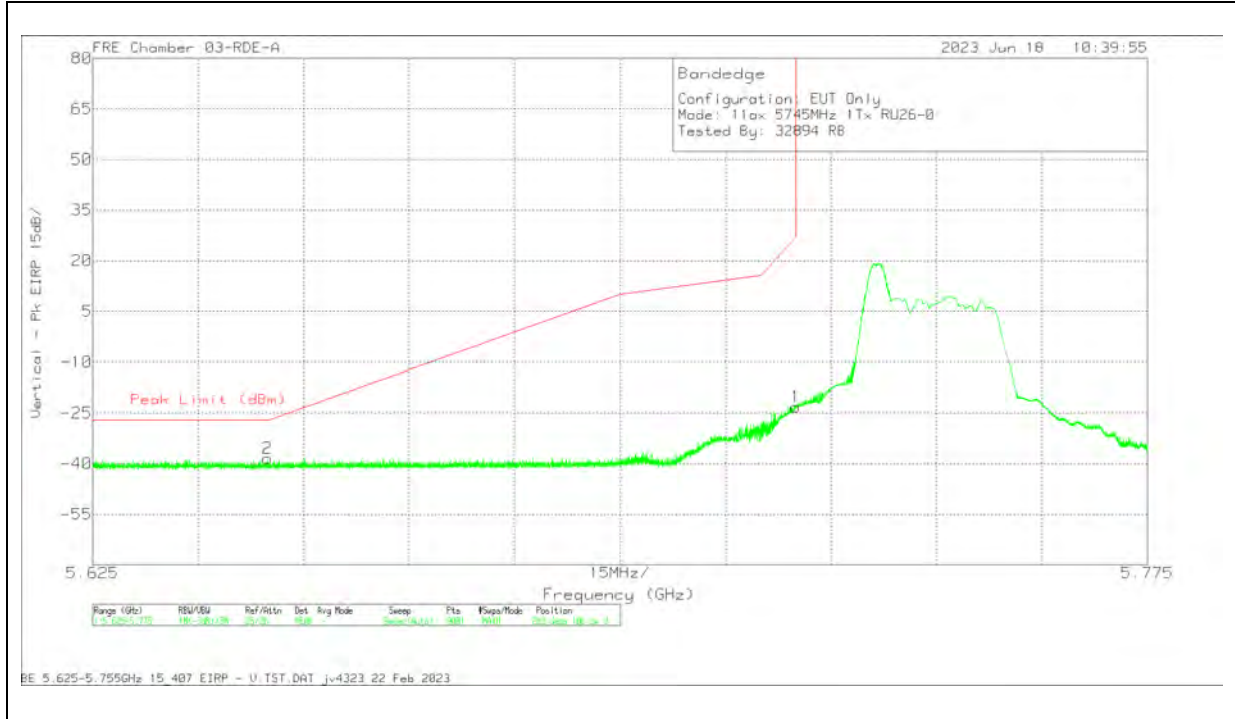
#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230299 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.6279	-47.31	Pk	35.1	11.8	0	-37.96	-38.37	-27	-11.37	240	174	H
1	5.725	-34.18	Pk	35.2	11.8	0	-37.78	-24.96	27	-51.96	240	174	H

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

### VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230299 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.649834	-47.37	Pk	35.2	11.8	0	-37.94	-38.31	-27	-11.31	283	106	V
1	5.725	-32.3	Pk	35.2	11.8	0	-37.78	-23.08	27	-50.08	283	106	V

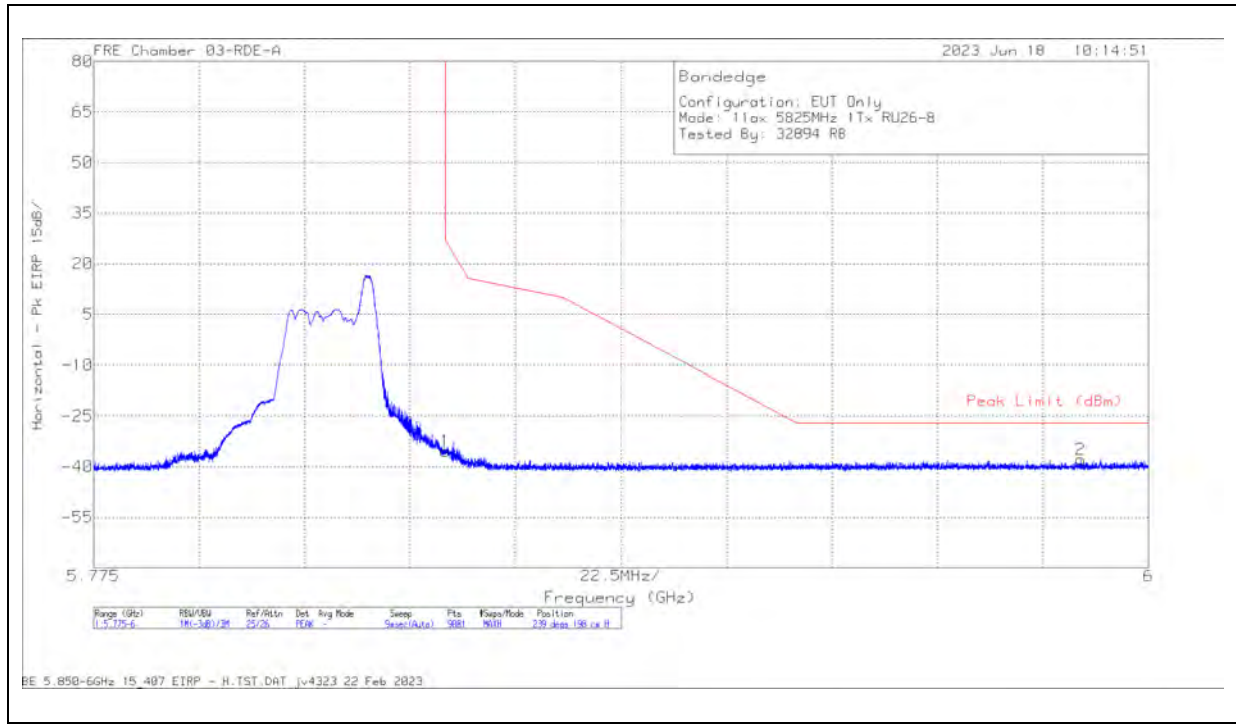
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector



**1TX Antenna 6 MODE: 26-Tone, RU Index 8**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230299 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-44.87	Pk	35.2	11.8	0	-37.49	-35.36	27	-62.36	239	198	H
2	5.9856	-47.69	Pk	35.4	11.8	0	-37.24	-37.73	-27	-10.73	239	198	H

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

### VERTICAL RESULT



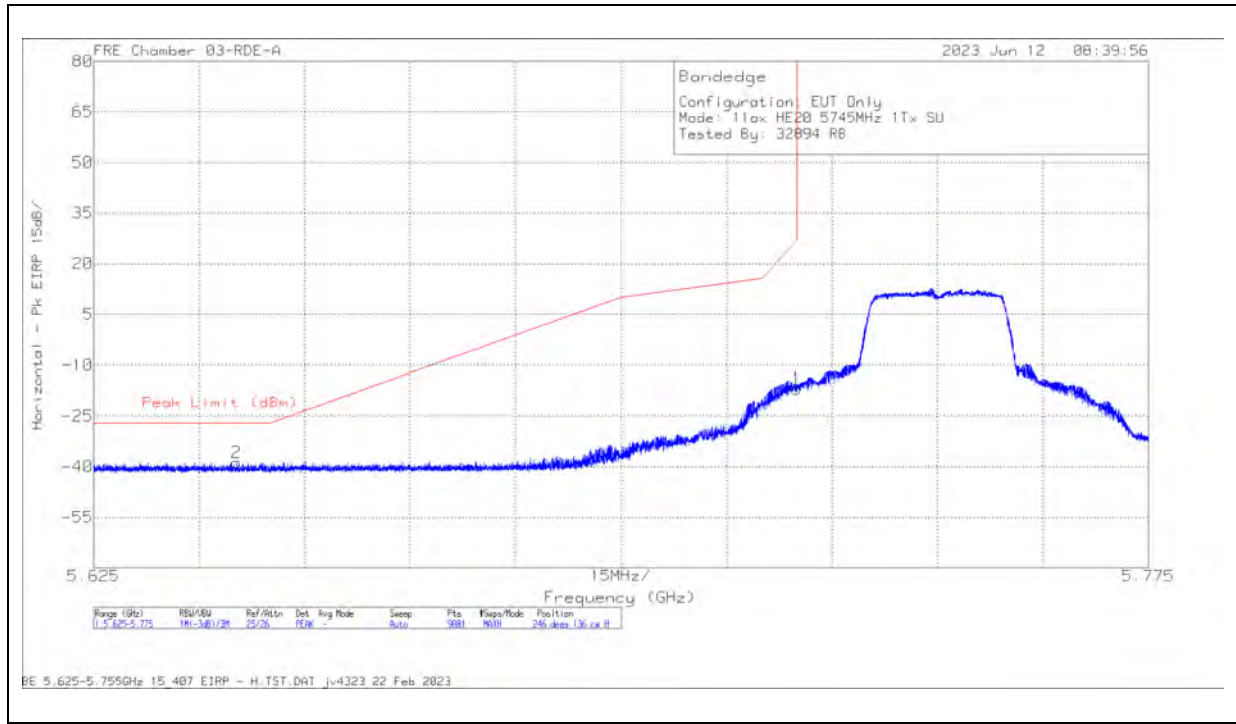
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230299 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-42.35	Pk	35.2	11.8	0	-37.49	-32.84	27	-59.84	284	129	V
2	5.971925	-47.04	Pk	35.4	11.8	0	-37.26	-37.1	-27	-10.1	284	129	V

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

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

**BANDEDGE (LOW CHANNEL)**

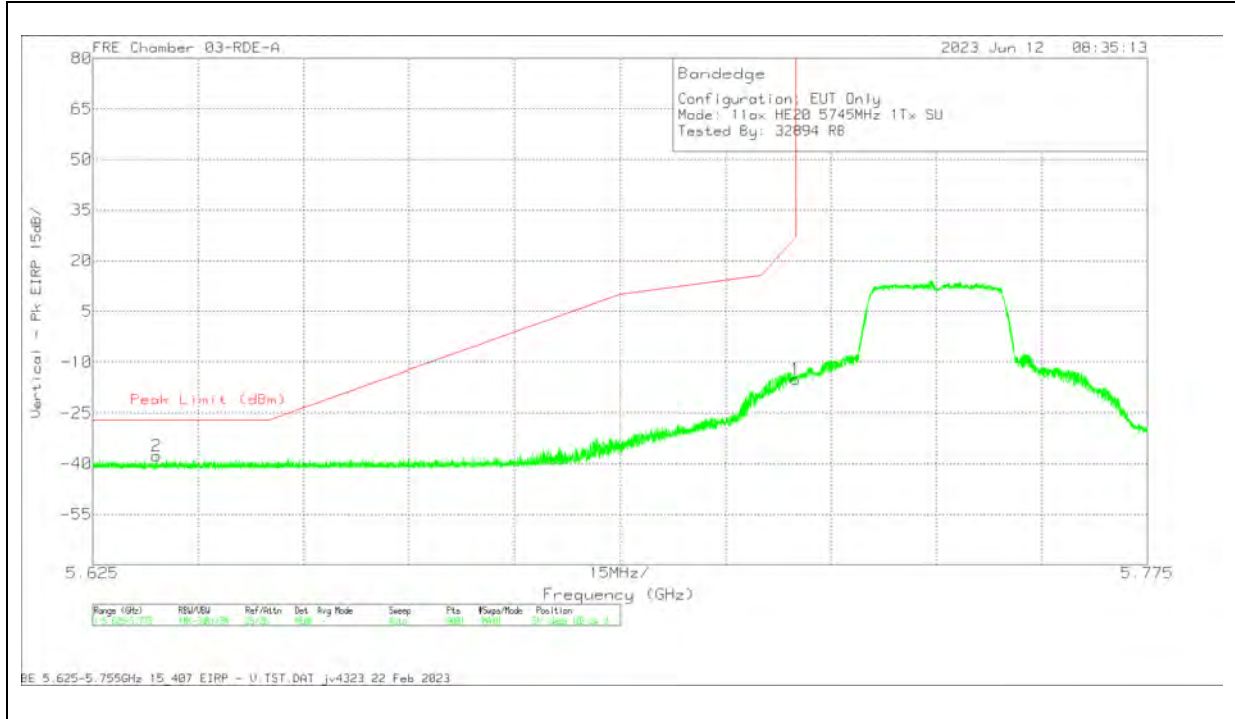
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230299 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.64535	-47.79	Pk	35.2	11.8	0	-37.92	-38.71	-27	-11.71	246	136	H
1	5.725	-26.15	Pk	35.2	11.8	0	-37.78	-16.93	27	-43.93	246	136	H

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

### VERTICAL RESULT

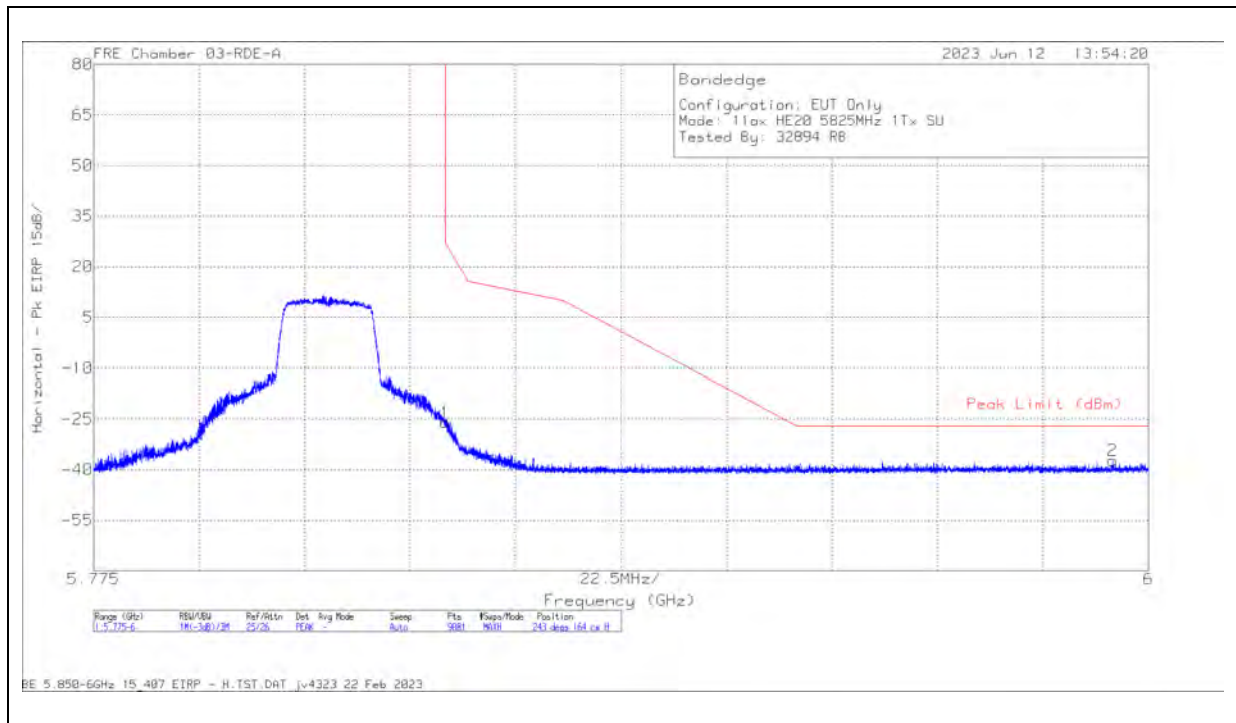


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230299 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.634067	-46.69	Pk	35.2	11.8	0	-37.96	-37.65	-27	-10.65	311	102	V
1	5.725	-24.26	Pk	35.2	11.8	0	-37.78	-15.04	27	-42.04	311	102	V

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

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230299 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-35.49	Pk	35.2	11.8	0	-37.49	-25.98	27	-52.98	243	164	H
2	5.992325	-47.29	Pk	35.5	11.8	0	-37.23	-37.22	-27	-10.22	243	164	H

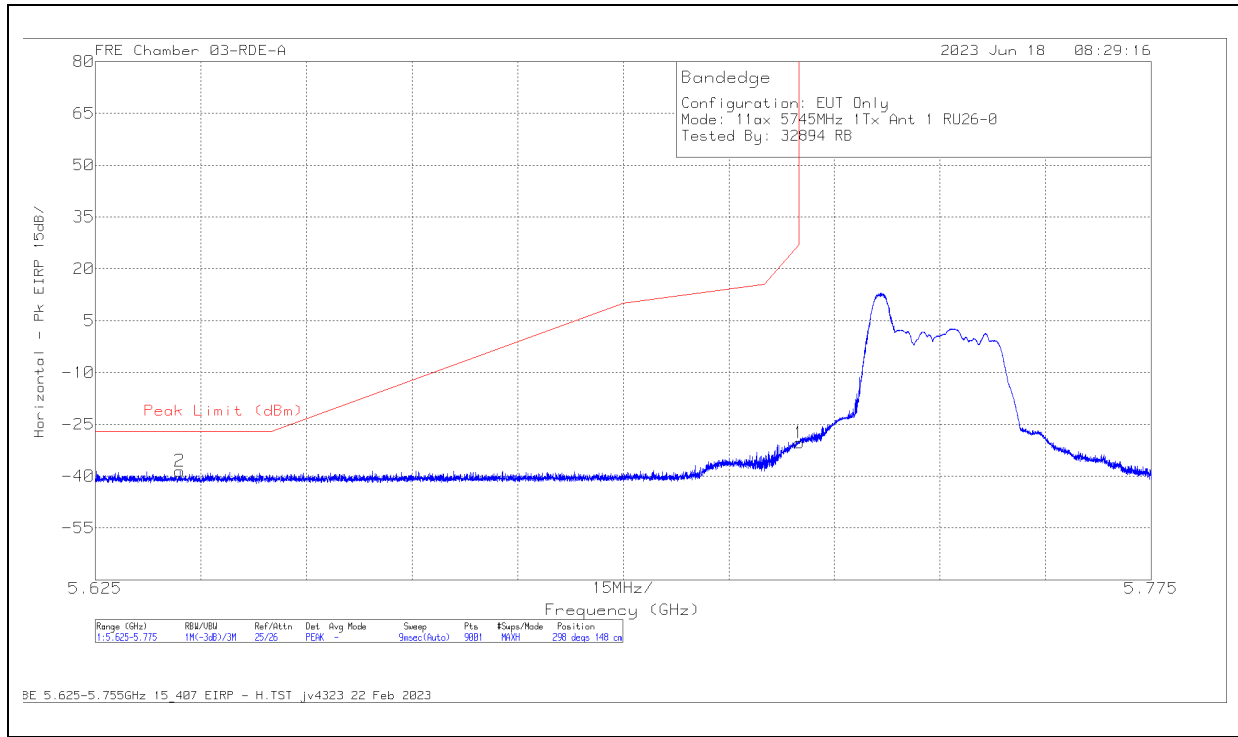
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector



**1TX Antenna 5 MODE: 26-Tone, RU Index 0**

**BANDEDGE (LOW CHANNEL)**

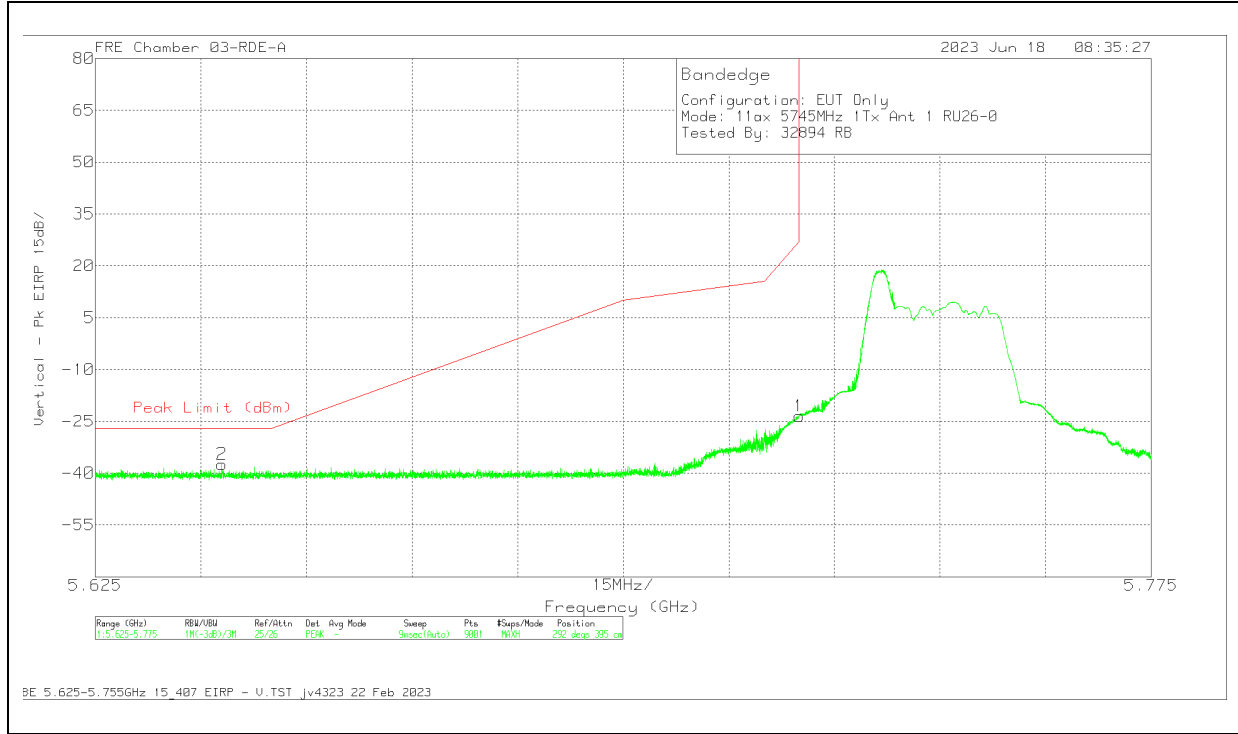
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230299 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.637	-47.57	Pk	35.2	11.8	0	-37.93	-38.5	-27	-11.5	298	148	H
1	5.725	-39.57	Pk	35.2	11.8	0	-37.78	-30.35	27	-57.35	298	148	H

Pk - Peak detector

### VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230299 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.642984	-46.48	Pk	35.2	11.8	0	-37.94	-37.42	-27	-10.42	292	395	V
1	5.725	-32.71	Pk	35.2	11.8	0	-37.78	-23.49	27	-50.49	292	395	V

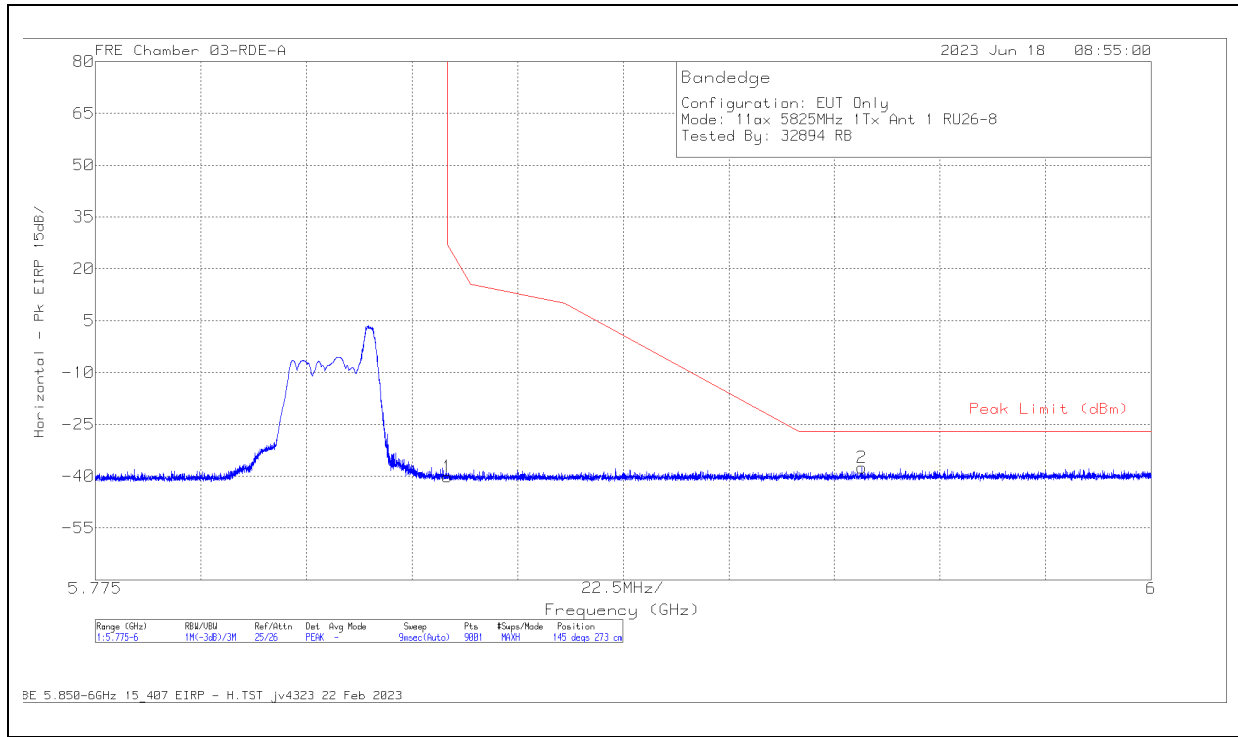
Pk - Peak detector



**1TX Antenna 5 MODE: 26-Tone, RU Index 8**

**BANDEDGE (HIGH CHANNEL)**

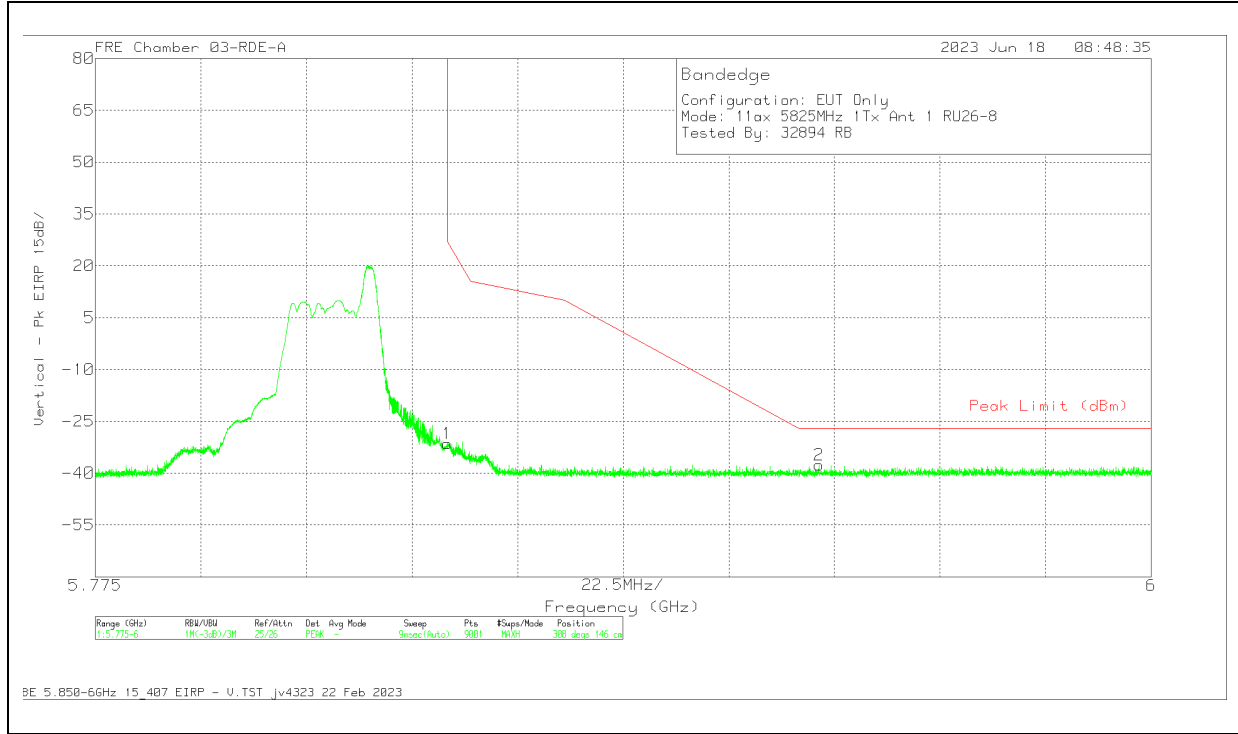
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230299 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-49.68	Pk	35.2	11.8	0	-37.49	-40.17	27	-67.17	145	273	H
2	5.938325	-47.32	Pk	35.3	11.8	0	-37.29	-37.51	-27	-10.51	145	273	H

Pk - Peak detector

### VERTICAL RESULT



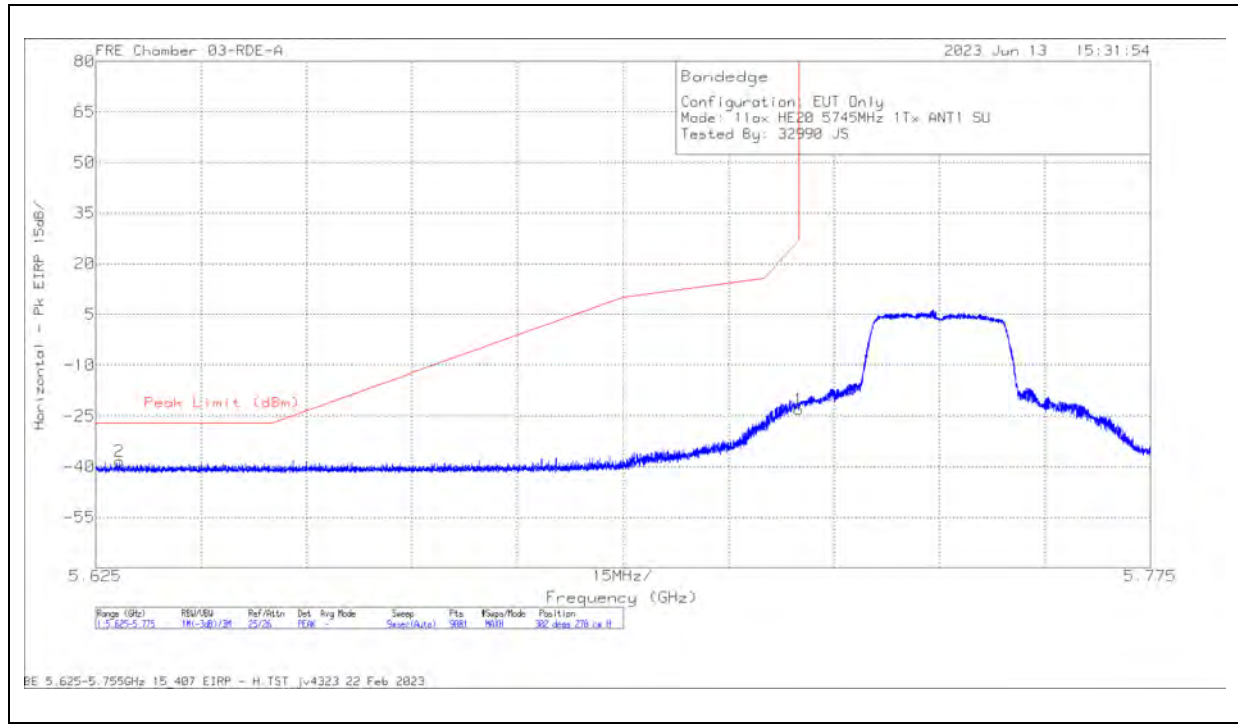
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230299 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-41	Pk	35.2	11.8	0	-37.49	-31.49	27	-58.49	308	146	V
2	5.929225	-47.47	Pk	35.3	11.8	0	-37.3	-37.67	-27	-10.67	308	146	V

Pk - Peak detector

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

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230299 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.628367	-47.3	Pk	35.1	11.8	0	-37.96	-38.36	-27	-11.36	302	278	H
1	5.725	-32.24	Pk	35.2	11.8	0	-37.78	-23.02	27	-50.02	302	278	H

Pk - Peak detector

### VERTICAL RESULT

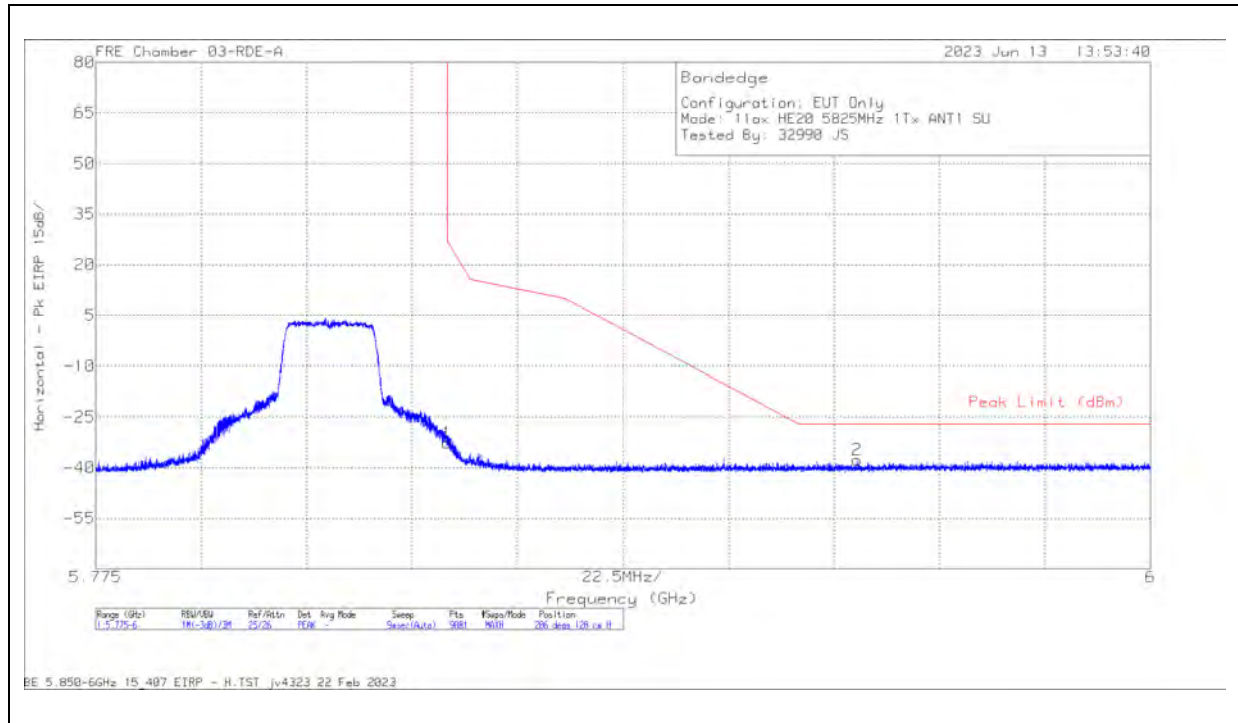


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230299 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.638	-47.68	Pk	35.2	11.8	0	-37.95	-38.63	-27	-11.63	313	133	V
1	5.725	-25.02	Pk	35.2	11.8	0	-37.78	-15.8	27	-42.8	313	133	V

Pk - Peak detector

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230299 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-42.1	Pk	35.2	11.8	0	-37.49	-32.59	27	-59.59	206	128	H
2	5.937375	-47.44	Pk	35.3	11.8	0	-37.3	-37.64	-27	-10.64	206	128	H

Pk - Peak detector

### VERTICAL RESULT



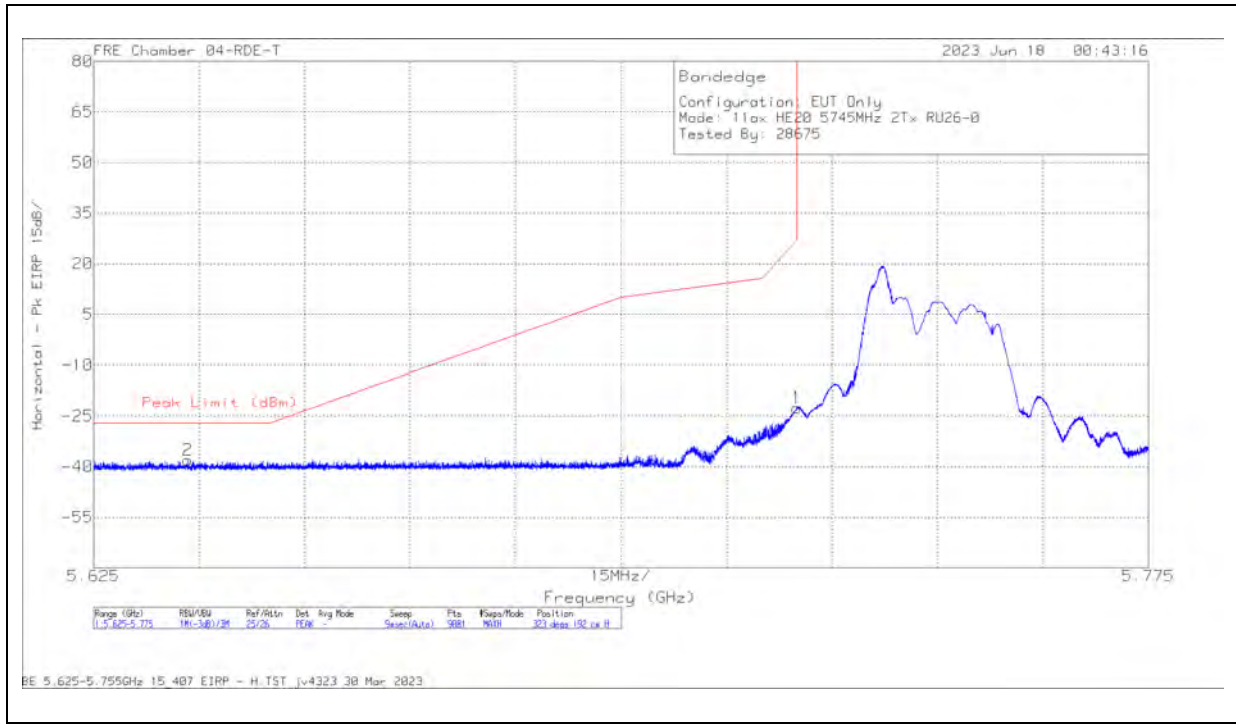
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230299 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-33.19	Pk	35.2	11.8	0	-37.49	-23.68	27	-50.68	290	219	V
2	5.998775	-47.35	Pk	35.5	11.8	0	-37.19	-37.24	-27	-10.24	290	219	V

Pk - Peak detector

**2TX Antenna 6 + Antenna 5 OFDMA MODE: 26-Tone, RU Index 0**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.63835	-49.84	Pk	34.5	11.8	0	-34.52	-38.06	-27	-11.06	323	192	H
1	5.725	-34.42	Pk	34.6	11.8	0	-34.48	-22.5	27	-49.5	323	192	H

Pk - Peak detector

### VERTICAL RESULT



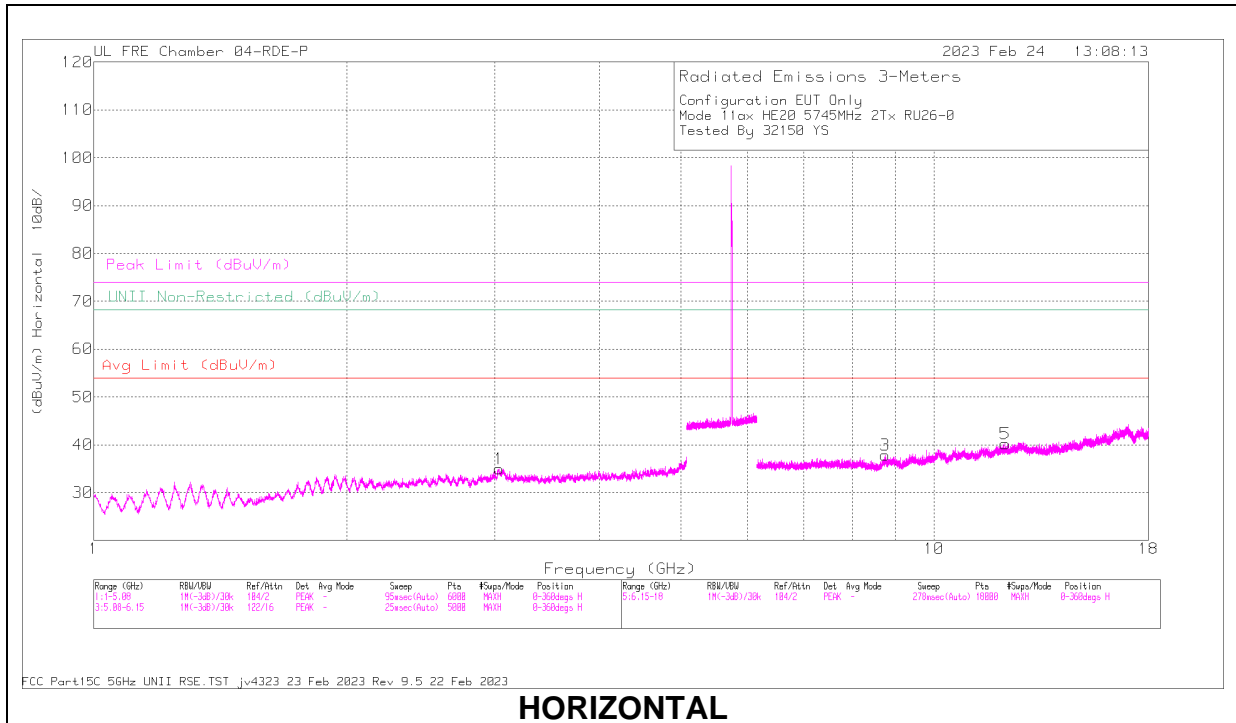
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.642184	-49.14	Pk	34.5	11.8	0	-34.52	-37.36	-27	-10.36	304	191	V
1	5.725	-31.61	Pk	34.6	11.8	0	-34.48	-19.69	27	-46.69	304	191	V

Pk - Peak detector

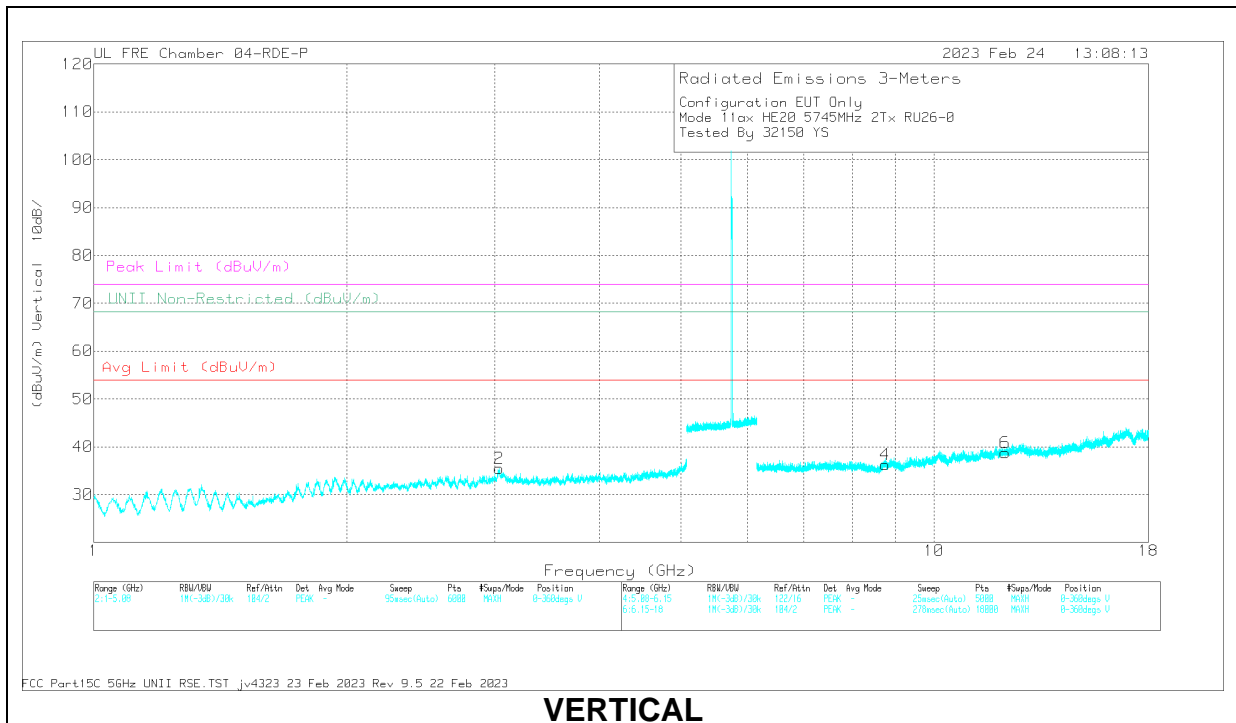


**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



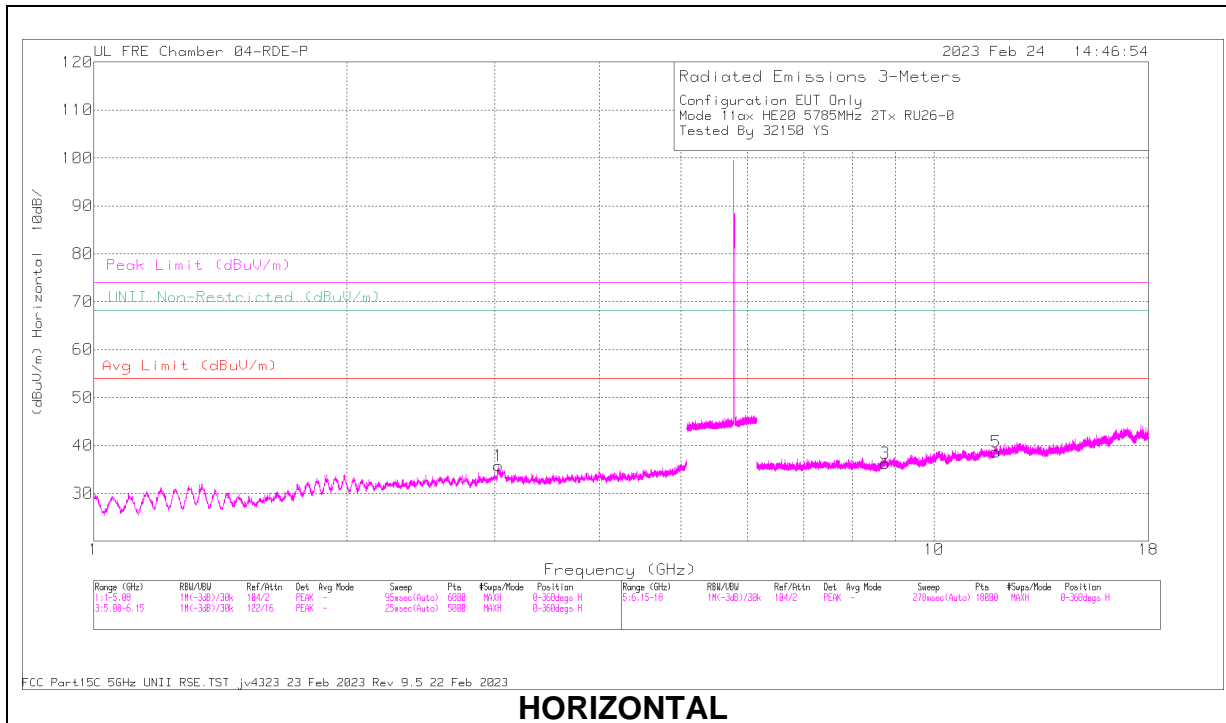
**VERTICAL**

**RADIATED EMISSIONS**

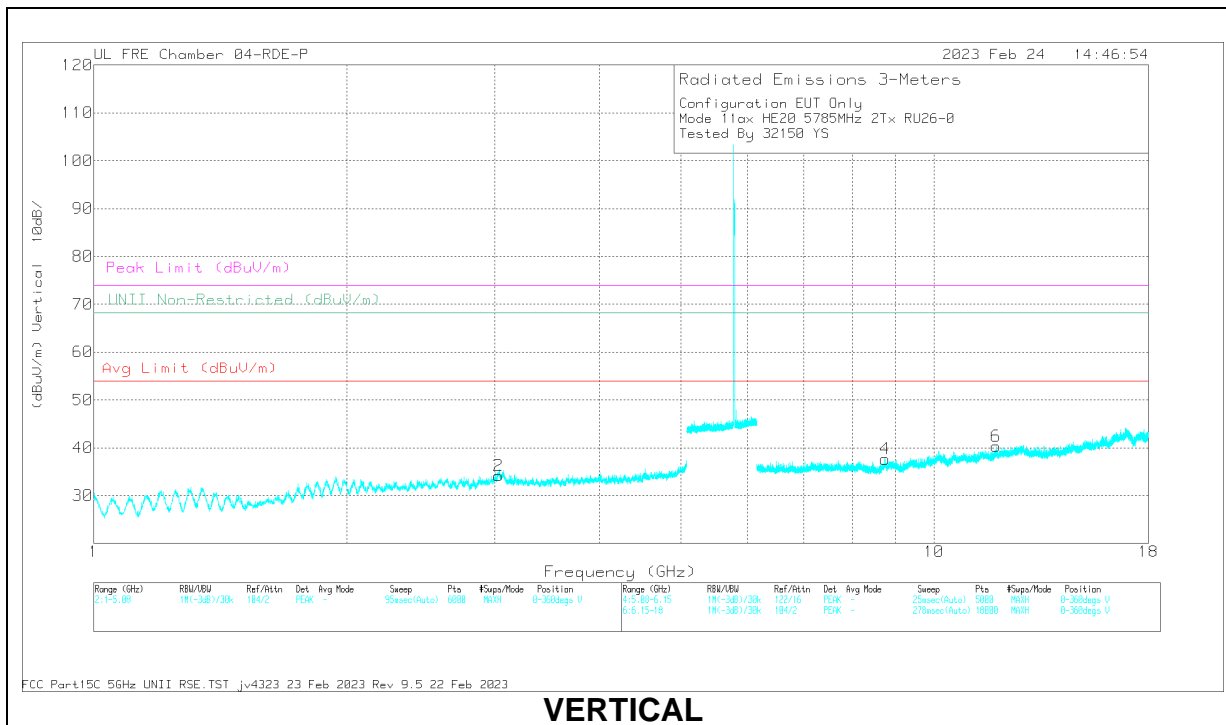
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	3.033268	59.16	PK-U	33.4	0	-47.74	44.82	-	-	-	-	68.2	-23.38	197	316	V
1	3.038186	59.62	PK-U	33.4	0	-47.61	45.41	-	-	-	-	68.2	-22.79	275	332	H
3	8.744258	53.56	PK-U	36	0	-42.66	46.9	-	-	-	-	68.2	-21.3	197	389	H
4	8.746779	53.25	PK-U	36	0	-42.58	46.67	-	-	-	-	68.2	-21.53	20	124	V
6	*12.157658	54.19	PK-U	38.7	0	-43.36	49.53	-	-	74	-24.47	-	-	358	325	V
	*12.159151	42.73	ADR	38.7	0	-43.37	38.06	54	-15.94	-	-	-	-	358	325	V
5	*12.158496	54.55	PK-U	38.7	0	-43.37	49.88	-	-	74	-24.12	-	-	77	340	H
	*12.157487	42.82	ADR	38.7	0	-43.36	38.16	54	-15.84	-	-	-	-	77	340	H

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

### MID CHANNEL RESULTS



### HORIZONTAL



### VERTICAL

**RADIATED EMISSIONS**

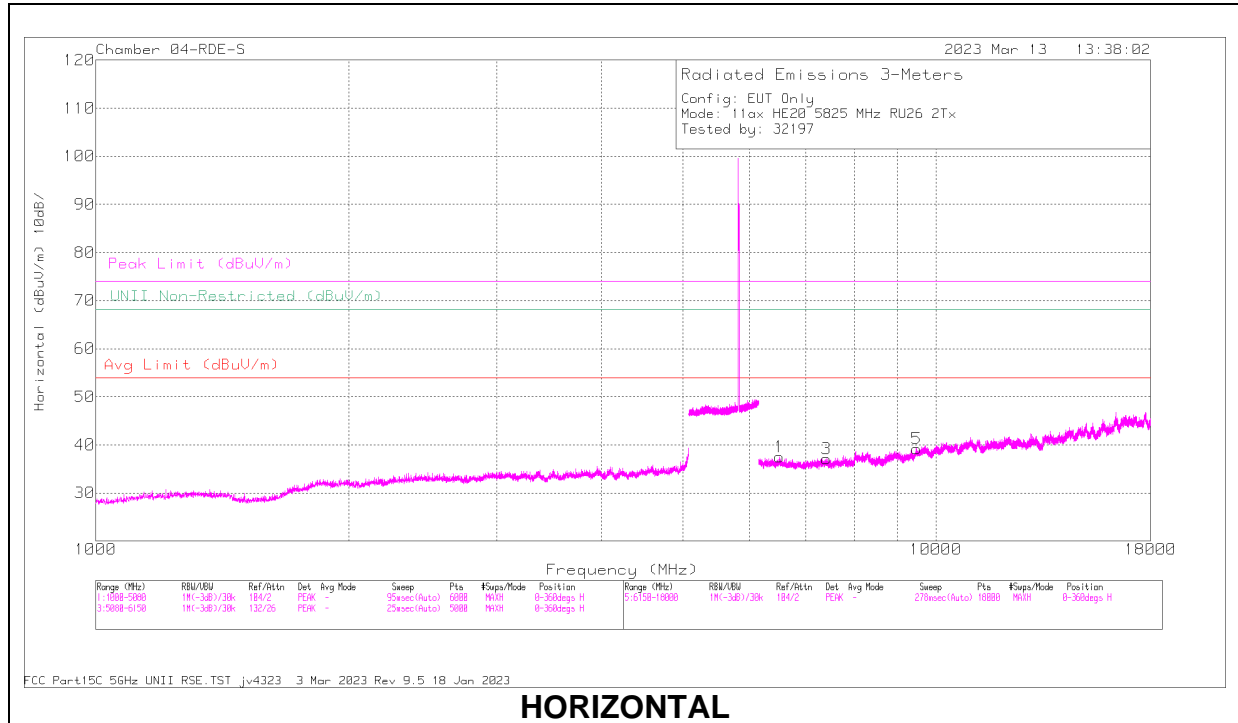
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.030509	59.8	PK-U	33.4	-47.79	45.41	-	-	-	-	68.2	-22.79	357	144	H
2	3.032745	59.48	PK-U	33.4	-47.75	45.13	-	-	-	-	68.2	-23.07	13	284	V
4	8.751442	53.75	PK-U	36	-42.56	47.19	-	-	-	-	68.2	-21.01	188	178	V
3	8.752042	53.38	PK-U	36	-42.58	46.8	-	-	-	-	68.2	-21.4	340	274	H
5	*11.860993	54.01	PK-U	38.5	-43.43	49.08	-	-	74	-24.92	-	-	48	180	H
	*11.861156	42.24	ADR	38.5	-43.43	37.31	54	-16.69	-	-	-	-	48	180	H
6	*11.865546	53.84	PK-U	38.5	-43.39	48.95	-	-	74	-25.05	-	-	116	284	V
	*11.8675	42.48	ADR	38.5	-43.35	37.63	54	-16.37	-	-	-	-	116	284	V

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

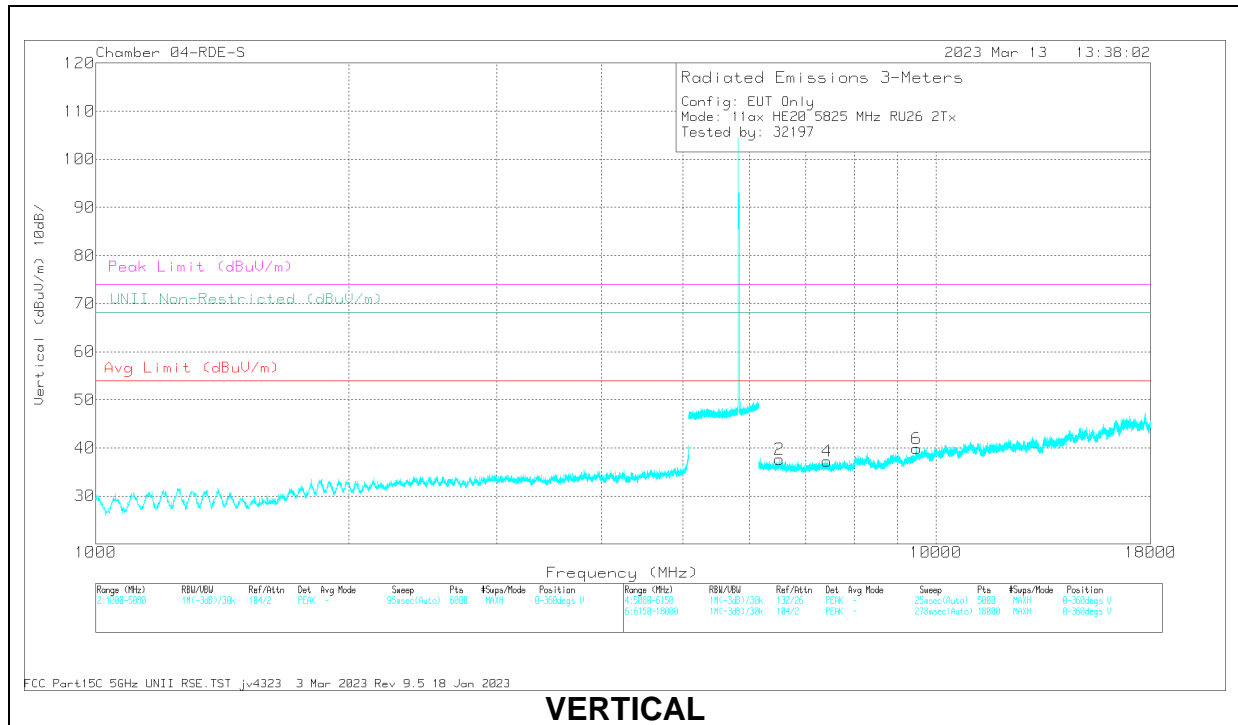
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### HIGH CHANNEL RESULTS



### HORIZONTAL



### VERTICAL

**RADIATED EMISSIONS**

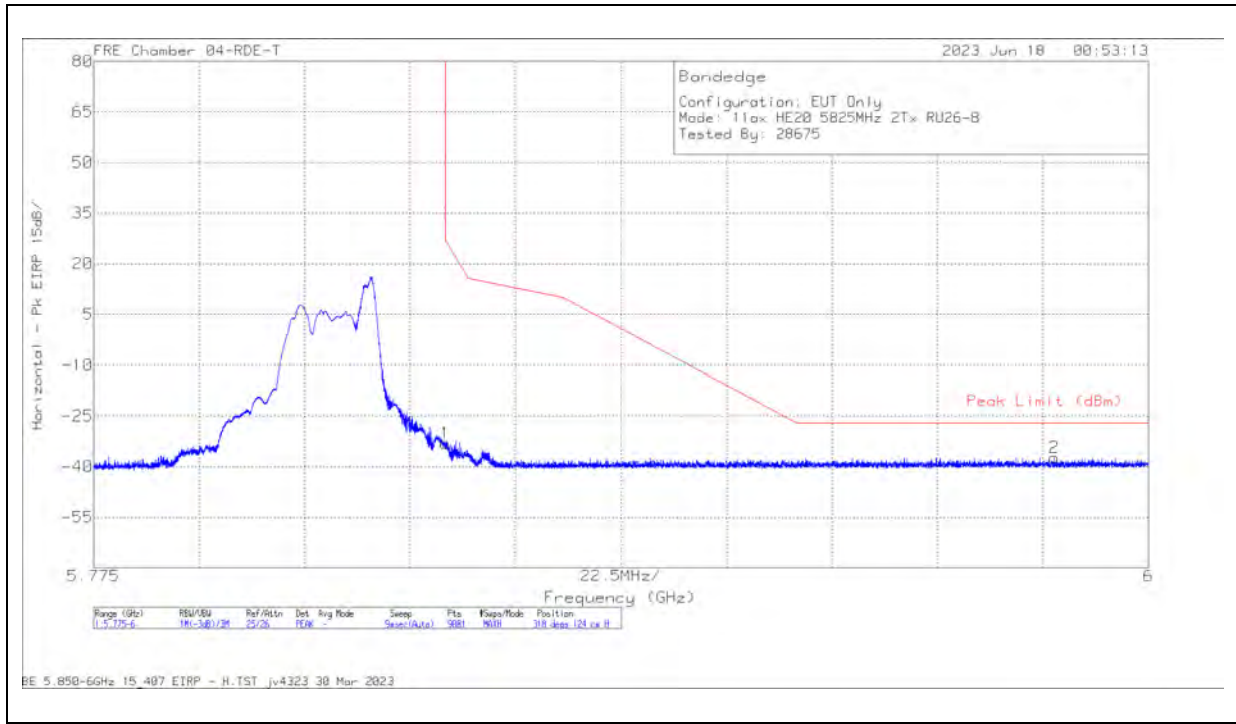
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200784 ACF (dB) 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	6506.776	54.37	PK-U	35.6	-42.82	47.15	-	-	-	-	68.2	-21.05	310	366	H
2	6510.563	54.84	PK-U	35.6	-42.95	47.49	-	-	-	-	68.2	-20.71	2	216	V
3	*7410.695	54.44	PK-U	35.7	-43.5	46.64	-	-	74	-27.36	-	-	113	189	H
	*7408.538	42.93	ADR	35.7	-43.45	35.18	54	-18.82	-	-	-	-	113	189	H
4	*7421.742	54.41	PK-U	35.7	-43.56	46.55	-	-	74	-27.45	-	-	348	144	V
	*7424.21	42.85	ADR	35.7	-43.51	35.04	54	-18.96	-	-	-	-	348	144	V
6	*7424.947	54.56	PK-U	35.7	-43.58	46.68	-	-	74	-27.32	-	-	188	269	V
	*7425.171	43.02	ADR	35.7	-43.57	35.15	54	-18.85	-	-	-	-	188	269	V
5	*9485.615	54.51	PK-U	36.6	-42.21	48.9	-	-	74	-25.1	-	-	10	380	H
	*9484.669	43.09	ADR	36.6	-42.18	37.51	54	-16.49	-	-	-	-	10	380	H

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

**2TX Antenna 6 + Antenna 5 OFDMA MODE: 26-Tone, RU Index 8**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-45.34	Pk	34.9	11.8	0	-34.34	-32.98	27	-59.98	318	124	H
2	5.979925	-50.06	Pk	35.2	11.8	0	-34.28	-37.34	-27	-10.34	318	124	H

Pk - Peak detector

### VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-39.47	Pk	34.9	11.8	0	-34.34	-27.11	27	-54.11	300	155	V
2	5.99755	-49.34	Pk	35.2	11.8	0	-34.25	-36.59	-27	-9.59	300	155	V

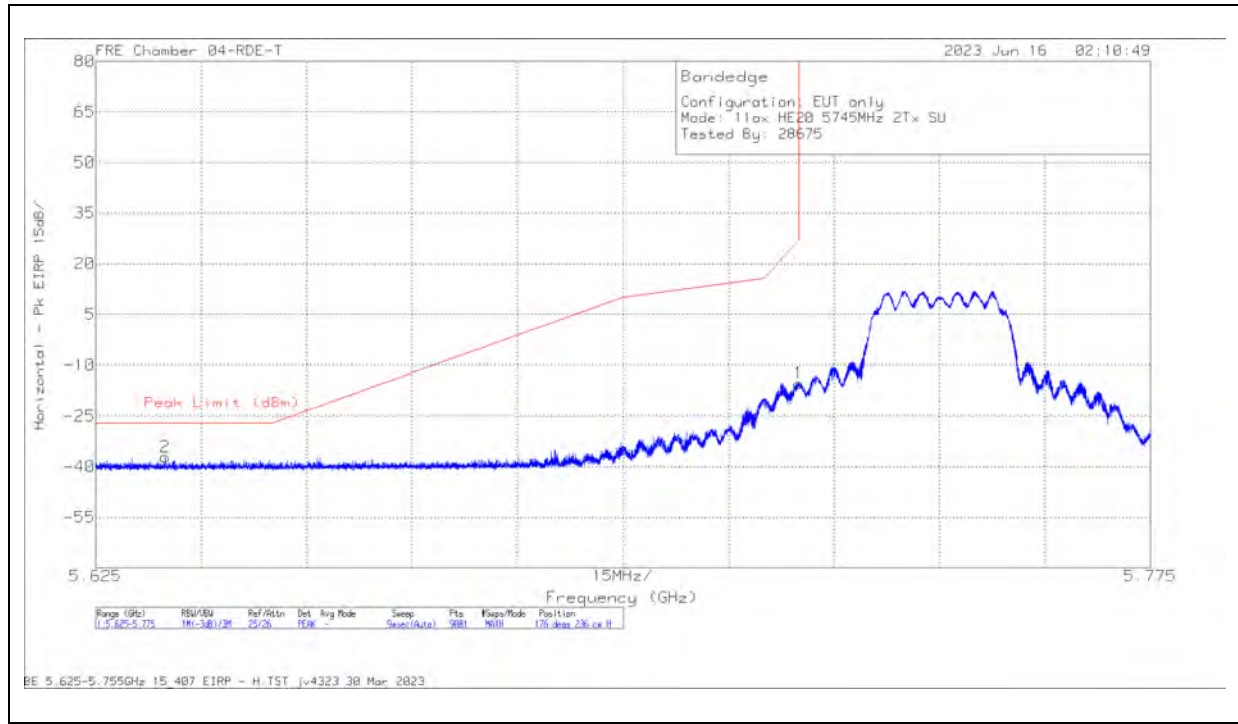
Pk - Peak detector



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

**BANDEDGE (LOW CHANNEL)**

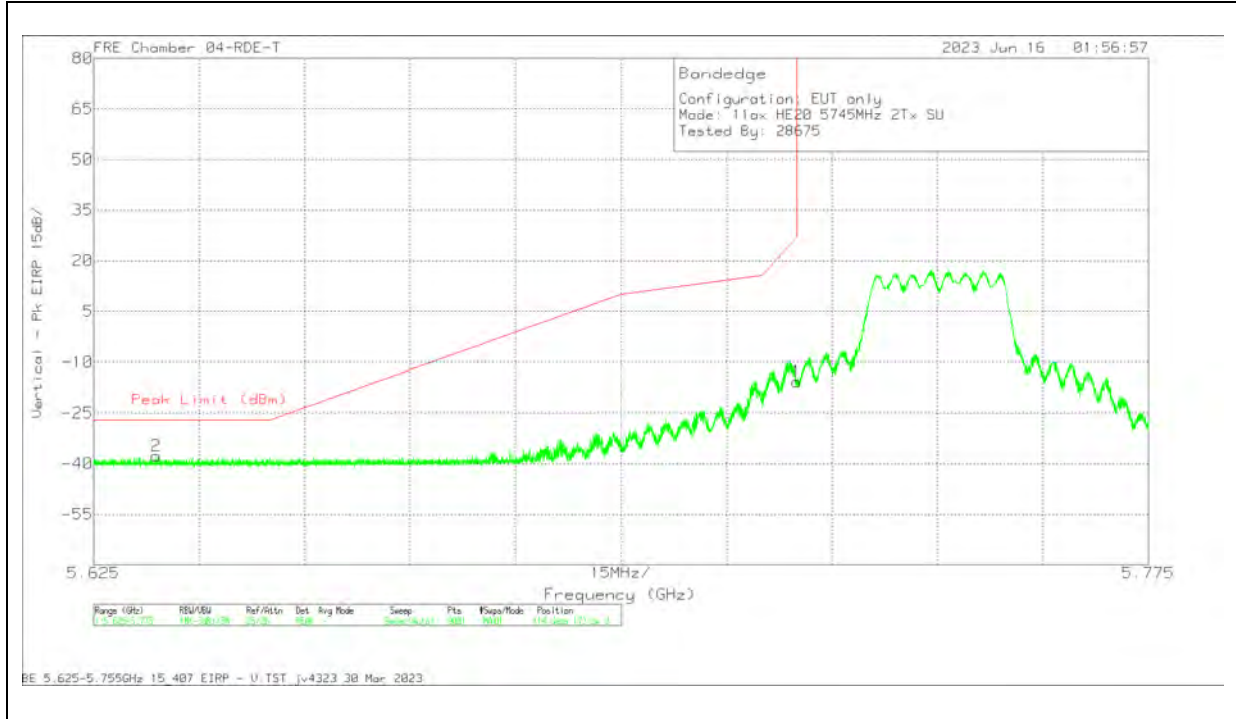
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.63485	-48.86	Pk	34.5	11.8	0	-34.52	-37.08	-27	-10.08	176	236	H
1	5.725	-27.29	Pk	34.6	11.8	0	-34.48	-15.37	27	-42.37	176	236	H

Pk - Peak detector

### VERTICAL RESULT

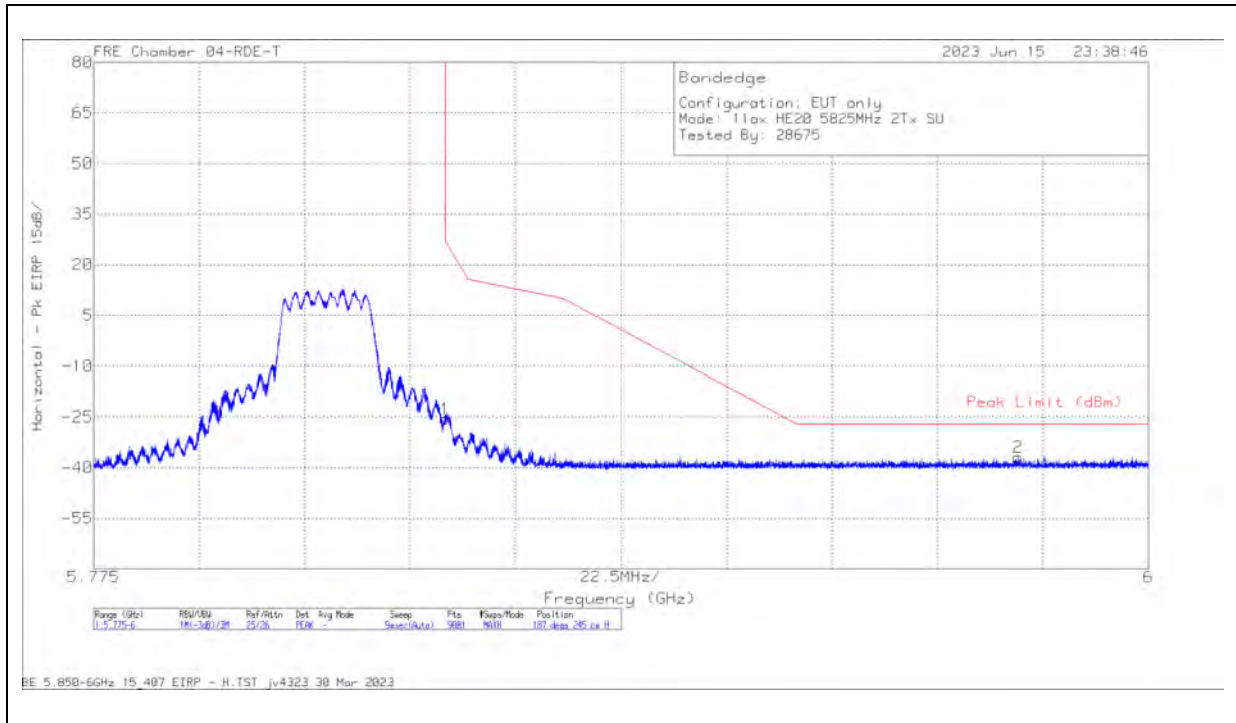


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.633934	-49.46	Pk	34.5	11.8	0	-34.52	-37.68	-27	-10.68	114	173	V
1	5.725	-27.62	Pk	34.6	11.8	0	-34.48	-15.7	27	-42.7	114	173	V

Pk - Peak detector

**BANDEDGE (HIGH CHANNEL)**

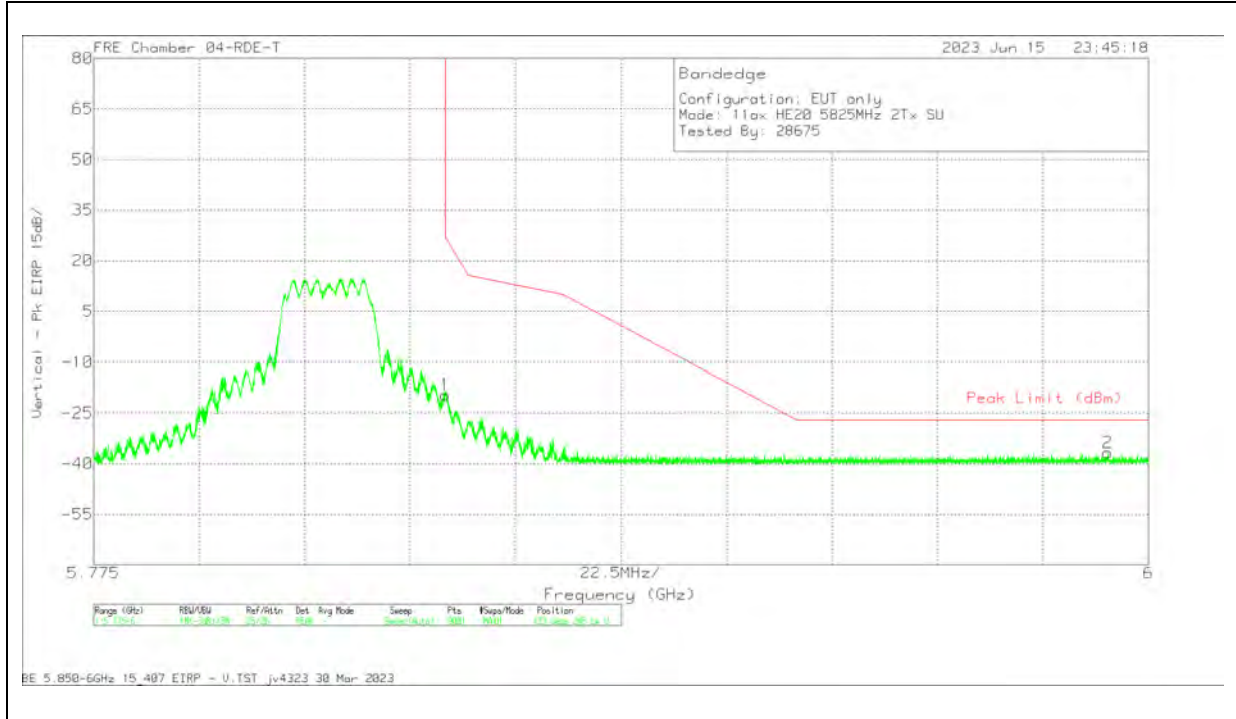
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-37.9	Pk	34.9	11.8	0	-34.34	-25.54	27	-52.54	187	245	H
2	5.972125	-49.6	Pk	35.2	11.8	0	-34.25	-36.85	-27	-9.85	187	245	H

Pk - Peak detector

### VERTICAL RESULT

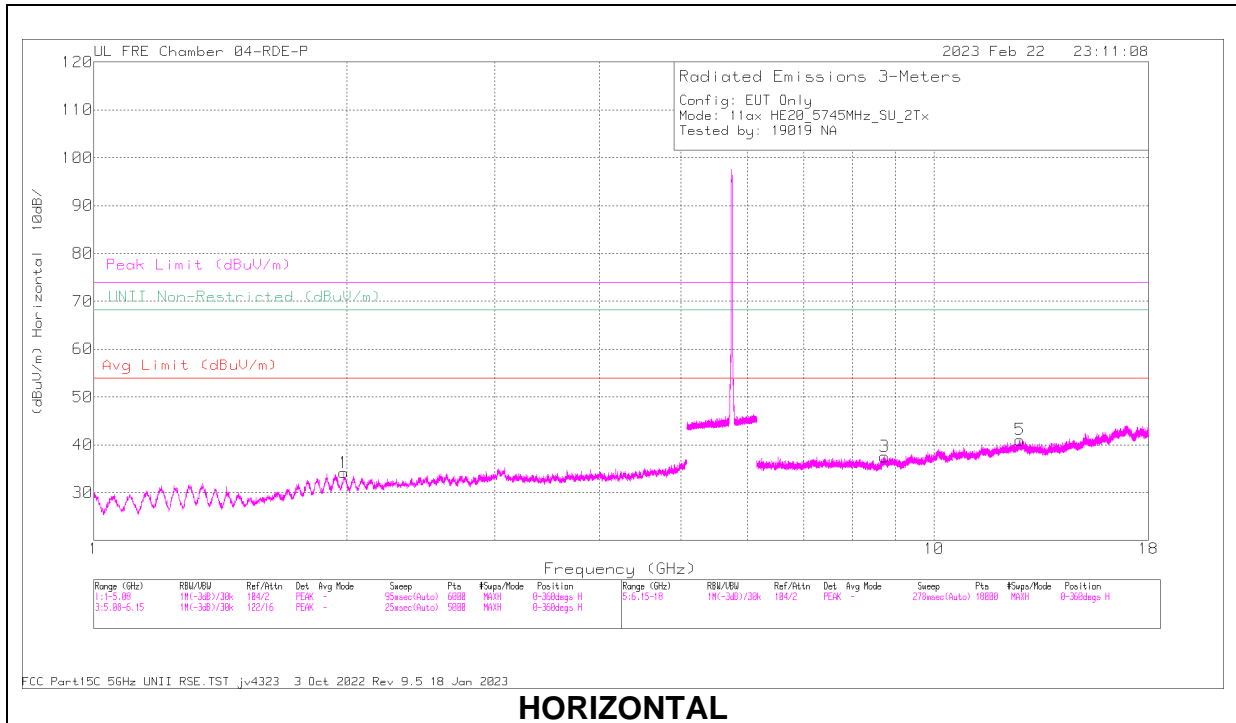


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-31.93	Pk	34.9	11.8	0	-34.34	-19.57	27	-46.57	123	245	V
2	5.991275	-49.48	Pk	35.2	11.8	0	-34.26	-36.74	-27	-9.74	123	245	V

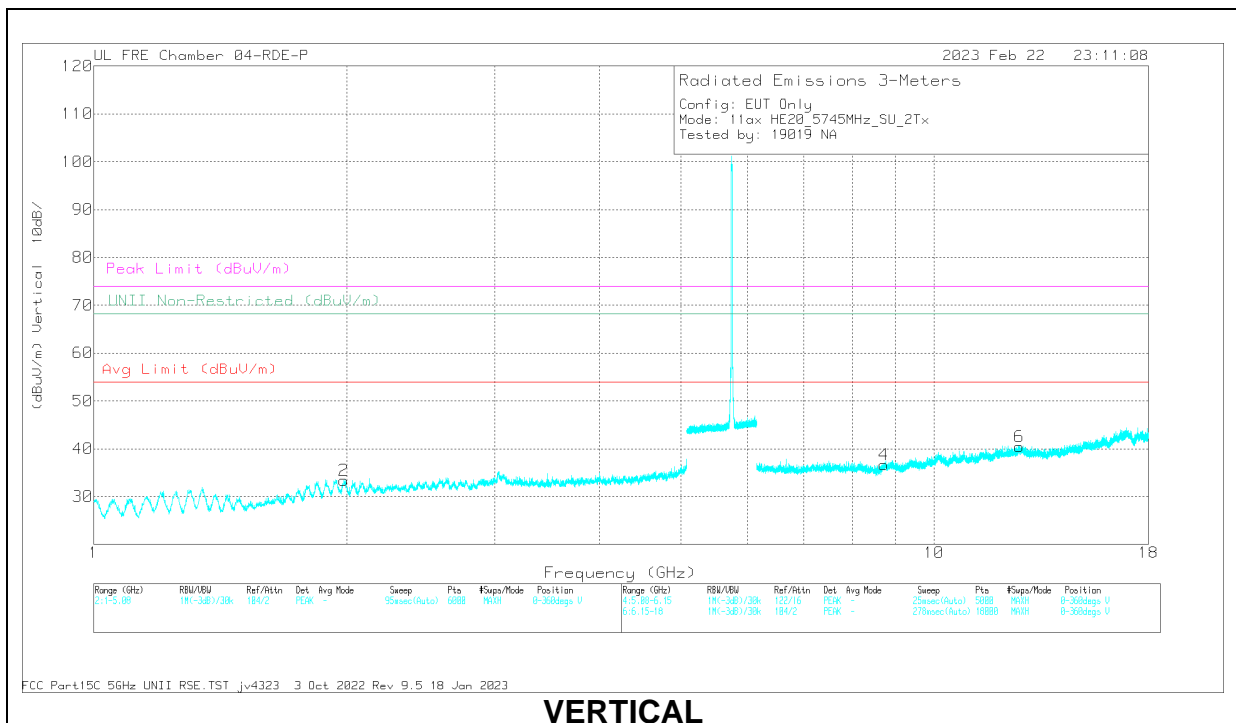
Pk - Peak detector

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



**HORIZONTAL**



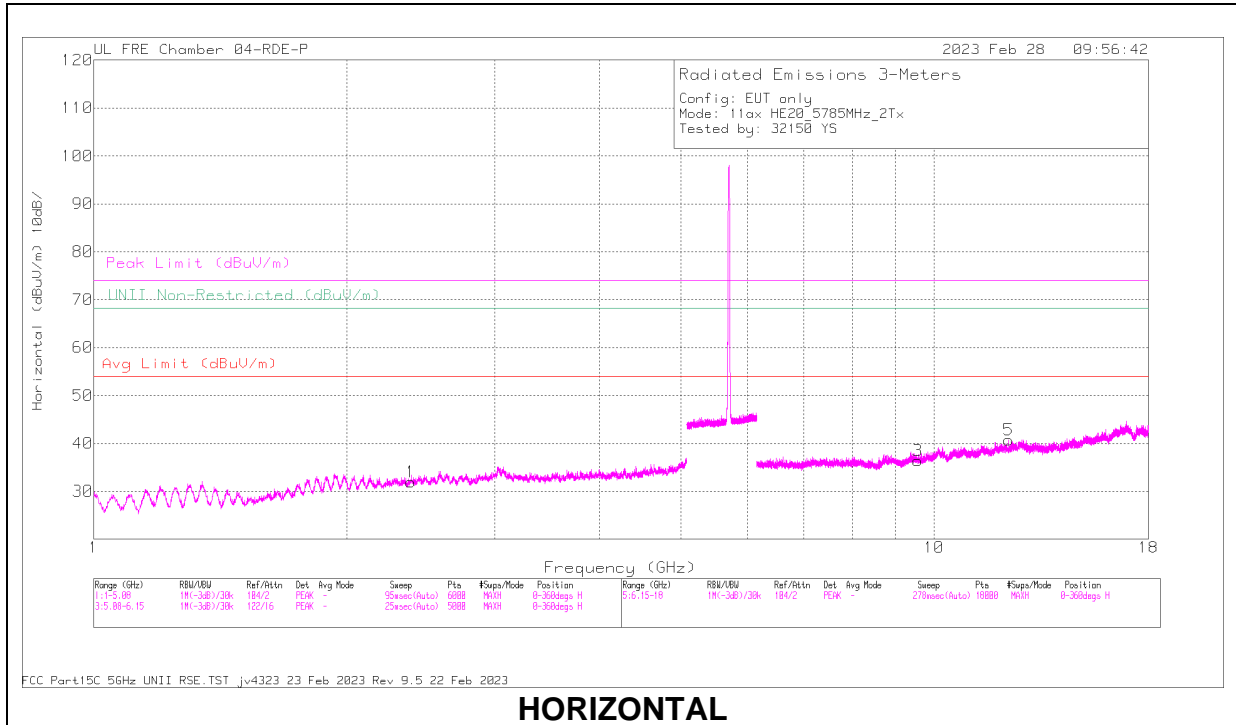
**VERTICAL**

**RADIATED EMISSIONS**

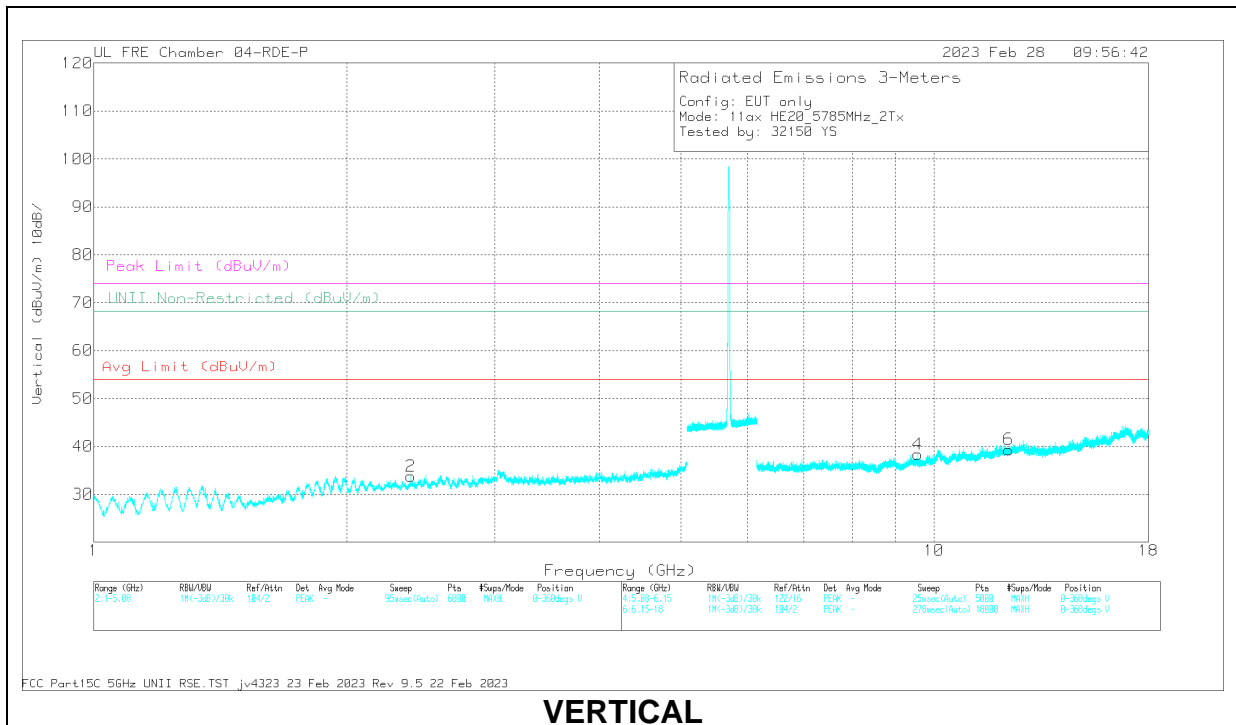
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	1.982518	61.07	PK-U	31.5	0	-49.03	43.54	-	-	-	-	68.2	-24.66	93	154	V
1	1.984235	60.98	PK-U	31.5	0	-48.91	43.57	-	-	-	-	68.2	-24.63	192	255	H
4	8.719351	54.16	PK-U	36	0	-42.91	47.25	-	-	-	-	68.2	-20.95	273	322	V
3	8.730088	53.88	PK-U	36	0	-42.89	46.99	-	-	-	-	68.2	-21.21	152	274	H
6	*12.642017	54.82	PK-U	39	0	-43.15	50.67	-	-	74	-23.33	-	-	345	144	V
	*12.641152	42.85	ADR	39	0	-43.18	38.67	54	-15.33	-	-	-	-	345	144	V
5	*12.656976	54.42	PK-U	39	0	-42.98	50.44	-	-	74	-23.56	-	-	141	167	H
	*12.659196	42.9	ADR	39	0	-43.03	38.87	54	-15.13	-	-	-	-	141	167	H

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

### MID CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

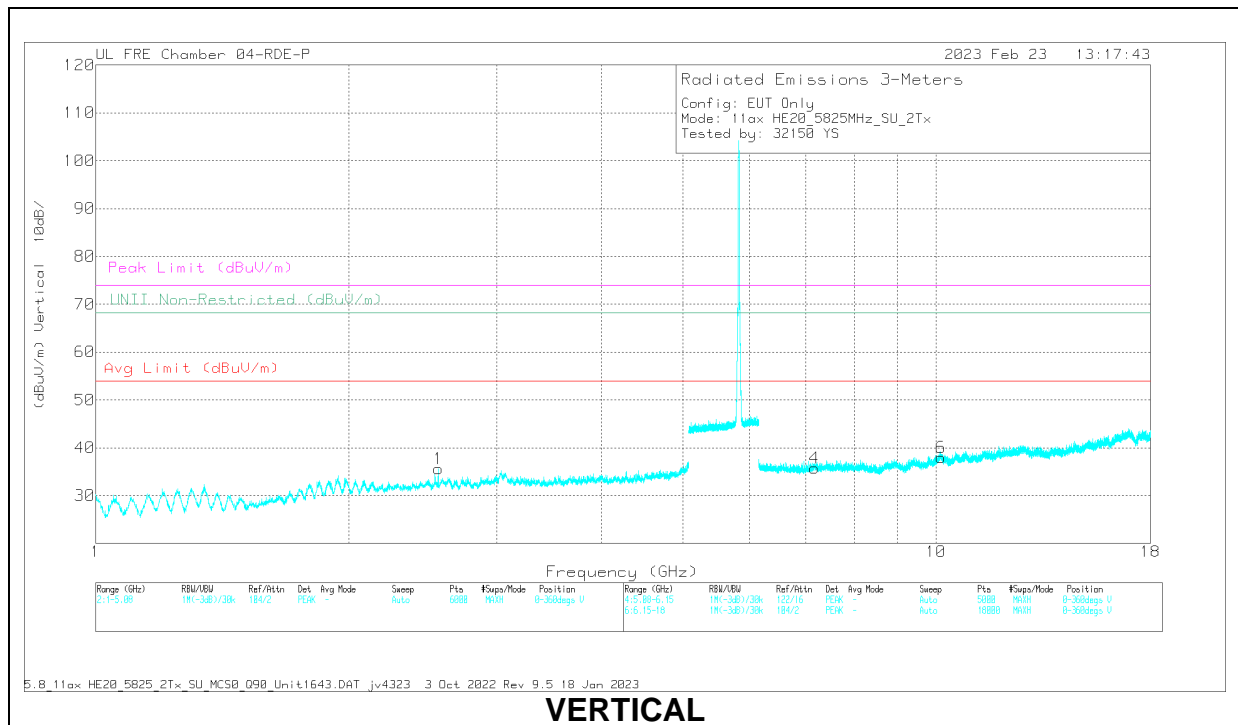
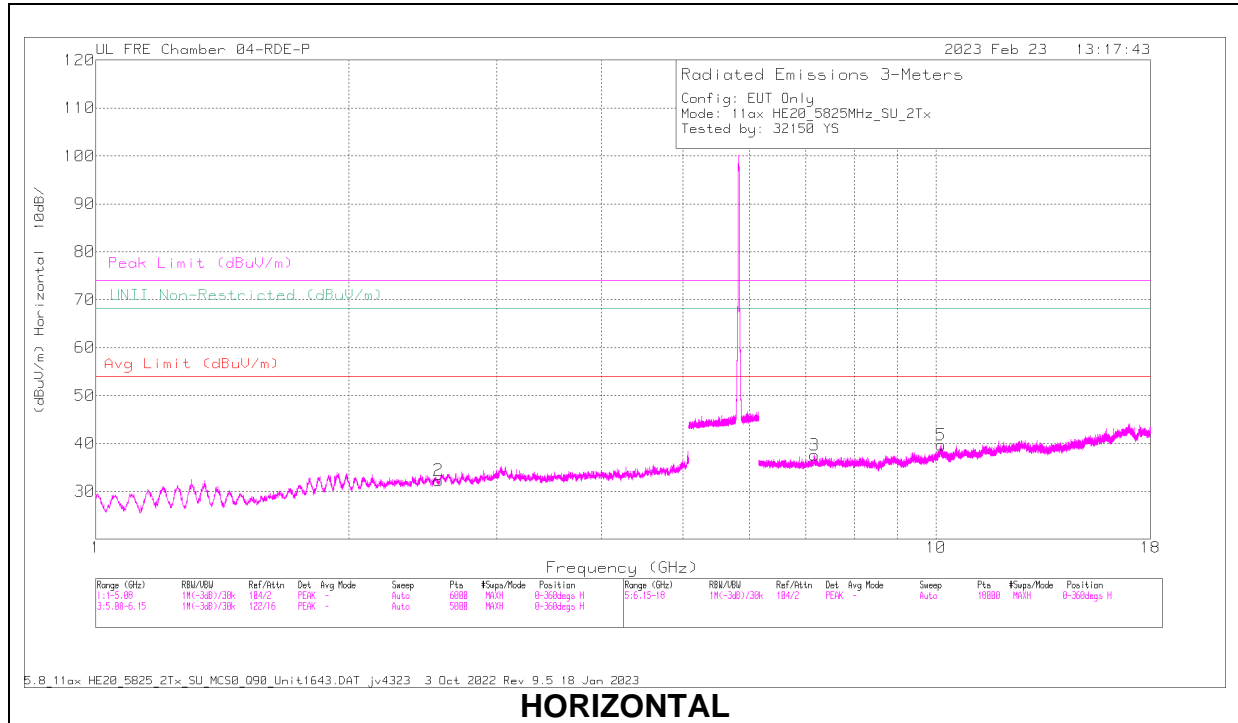
**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 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	*2.384167	61.05	PK-U	31.6	-49.55	43.1	-	-	74	-30.9	-	-	360	100	H
	*2.383488	48.96	ADR	31.6	-49.56	31	54	-23	-	-	-	-	360	100	H
2	*2.382863	60.53	PK-U	31.6	-49.56	42.57	-	-	74	-31.43	-	-	143	128	V
	*2.382301	48.91	ADR	31.6	-49.55	30.96	54	-23.04	-	-	-	-	143	128	V
5	*12.27531	54.6	PK-U	38.8	-43.46	49.94	-	-	74	-24.06	-	-	270	100	H
	*12.275763	42.34	ADR	38.8	-43.51	37.63	54	-16.37	-	-	-	-	270	100	H
6	*12.276029	54.4	PK-U	38.8	-43.53	49.67	-	-	74	-24.33	-	-	43	184	V
	*12.276004	42.42	ADR	38.8	-43.53	37.69	54	-16.31	-	-	-	-	43	184	V
3	9.571362	55.88	PK-U	36.5	-45	47.38	-	-	-	-	68.2	-20.82	43	100	H
4	9.571863	56.33	PK-U	36.5	-44.98	47.85	-	-	-	-	68.2	-20.35	60	239	V

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



### HIGH CHANNEL RESULTS



**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 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	2.556721	60.4	PK-U	32.2	0	-49.47	43.13	68.2	-25.07	163	125	H
1	2.558261	59.94	PK-U	32.2	0	-49.42	42.72	68.2	-25.48	193	167	V
3	7.161949	56.35	PK-U	35.6	0	-44.88	47.07	68.2	-21.13	62	368	H
4	7.165214	56.26	PK-U	35.6	0	-44.86	47	68.2	-21.2	22	203	V
6	10.14283	58.1	PK-U	37.2	0	-46.32	48.98	68.2	-19.22	3	280	V
5	10.144707	58.01	PK-U	37.2	0	-46.18	49.03	68.2	-19.17	30	265	H

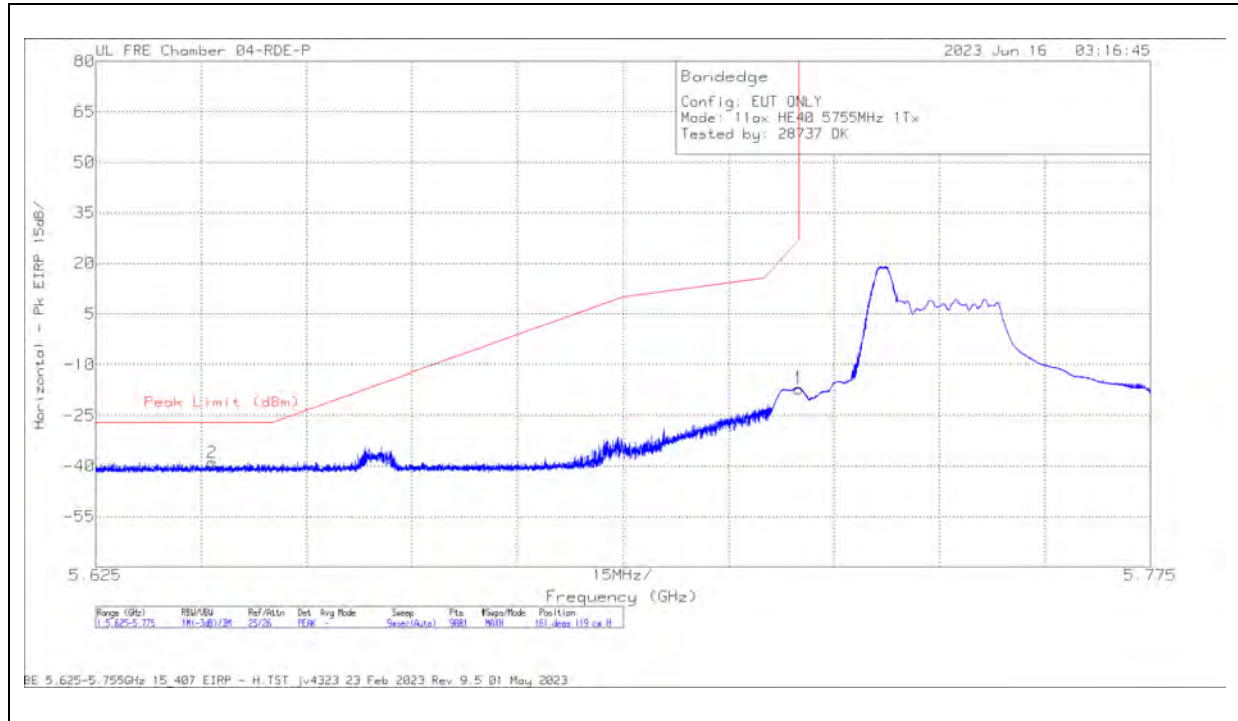
PK-U - U-NII: Maximum Peak

### 1.1.18. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.8GHz BAND

**1TX Antenna 6 MODE: 26-Tone, RU Index 0**

**BANDEDGE (LOW CHANNEL)**

#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222740 ACF(dB) - 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.64155	-47.84	Pk	34.5	11.8	0	-37.34	-38.88	-27	-11.88	161	119	H
1	5.725	-26.17	Pk	34.5	11.8	0	-37.07	-16.94	27	-43.94	161	119	H

Pk - Peak detector

### VERTICAL RESULT



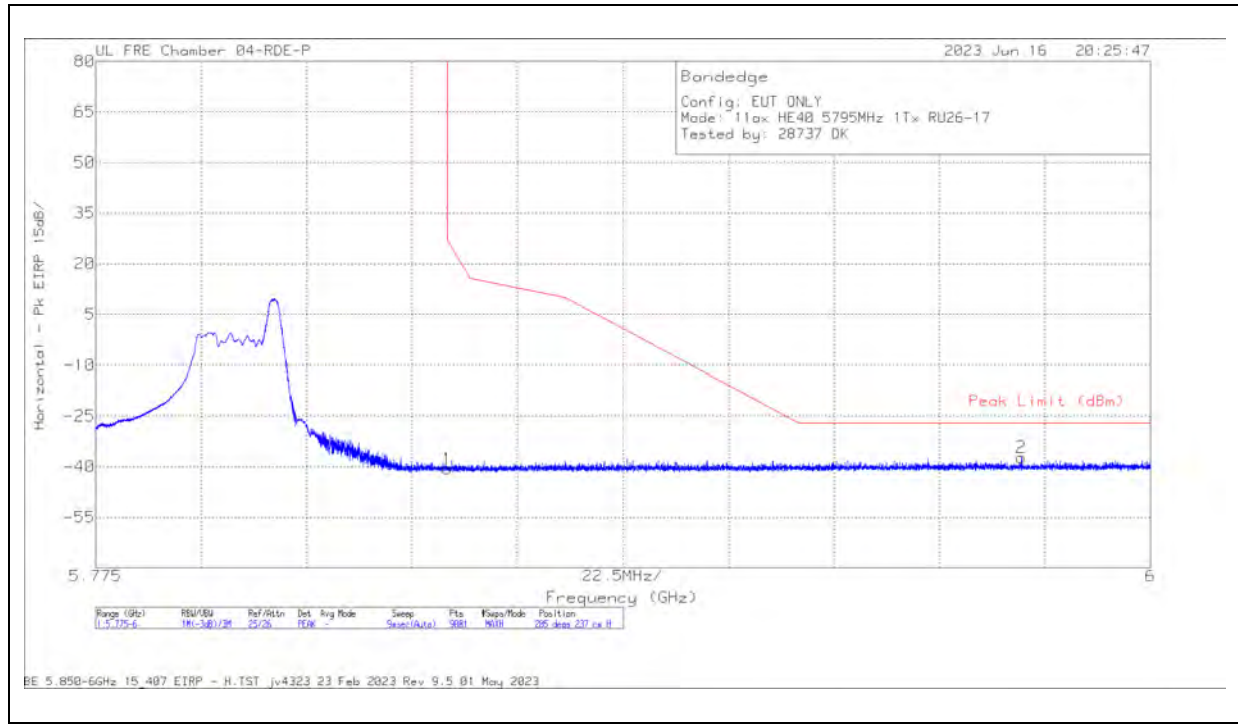
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222740 ACF(dB) - 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.643867	-47.27	Pk	34.5	11.8	0	-37.24	-38.21	-27	-11.21	38	146	V
1	5.725	-26.87	Pk	34.5	11.8	0	-37.07	-17.64	27	-44.64	38	146	V

Pk - Peak detector

**1TX Antenna 6 MODE: 26-Tone, RU Index 17**

**BANDEDGE (HIGH CHANNEL)**

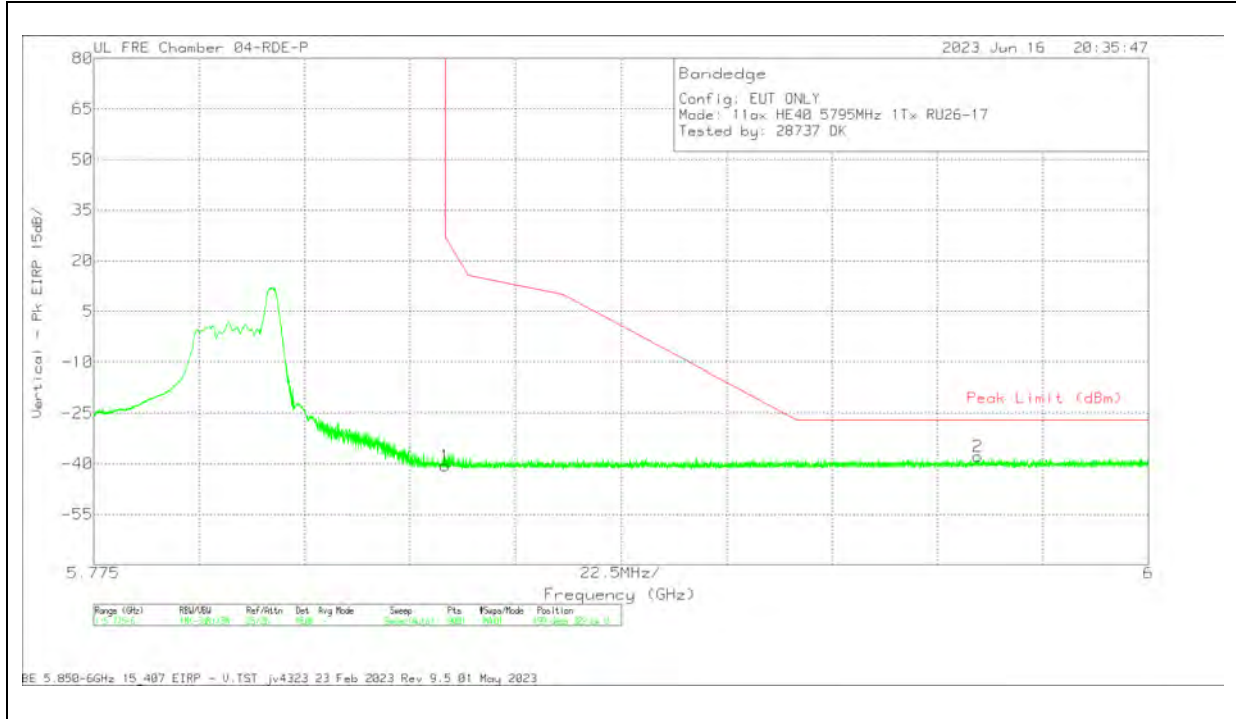
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222740 ACF(dB) - 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-50.49	Pk	34.7	11.8	0	-36.6	-40.59	27	-67.59	285	237	H
2	5.9725	-47.79	Pk	35	11.8	0	-36.18	-37.17	-27	-10.17	285	237	H

Pk - Peak detector

### VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222740 ACF(dB) - 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-50.46	Pk	34.7	11.8	0	-36.6	-40.56	27	-67.56	199	322	V
2	5.963575	-48.49	Pk	35	11.8	0	-36.09	-37.78	-27	-10.78	199	322	V

Pk - Peak detector

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

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222740 ACF(dB) - 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.642734	-47.53	Pk	34.5	11.8	0	-37.3	-38.53	-27	-11.53	89	150	H
1	5.725	-24.69	Pk	34.5	11.8	0	-37.07	-15.46	27	-42.46	89	150	H

Pk - Peak detector