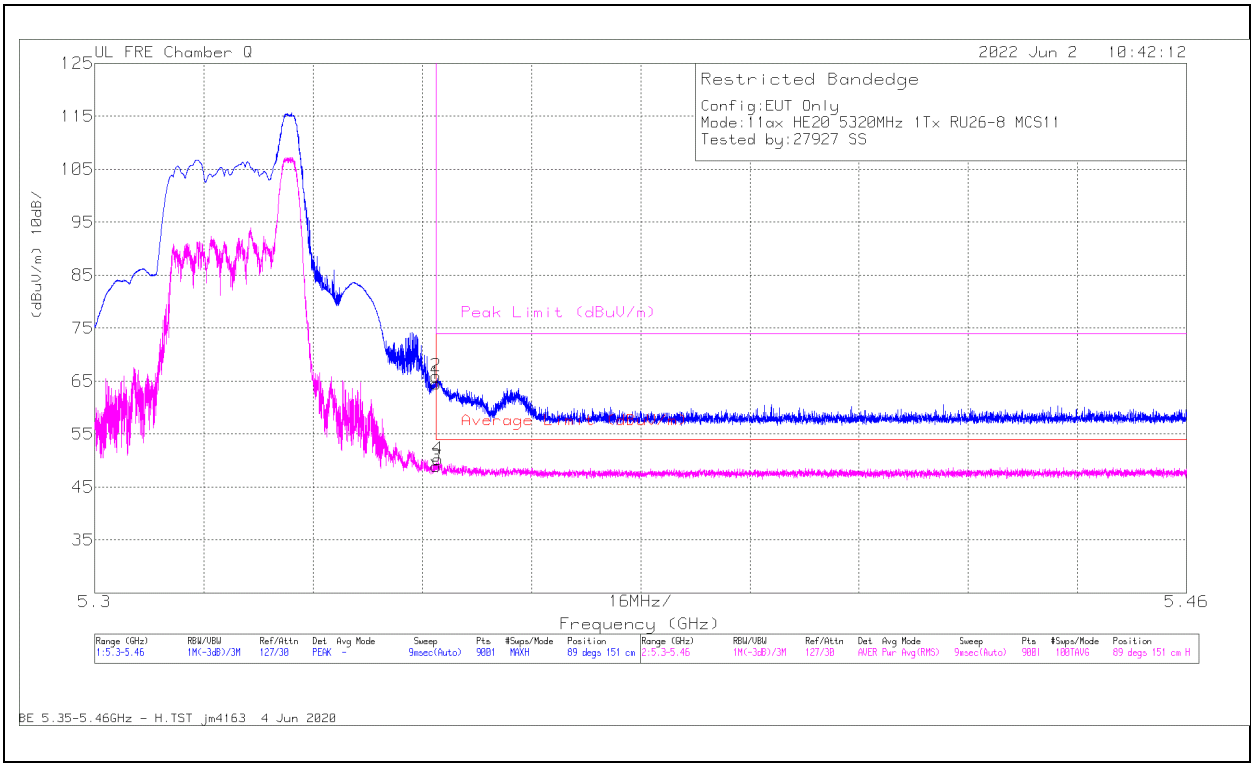
1TX Antenna 5 MODE: 26-Tones, RU Index 8

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	60.81	Pk	34.5	-30.8	0	64.51	-	-	74	-9.49	89	151	H
2	5.350045	62.28	Pk	34.5	-30.8	0	65.98	-	-	74	-8.02	89	151	H
3	5.35	44.78	RMS	34.5	-30.8	.46	48.94	54	-5.06	-	-	89	151	H
4	5.350294	46.11	RMS	34.5	-30.8	.46	50.27	54	-3.73	-	-	89	151	H

Pk - Peak detector
RMS - RMS detection

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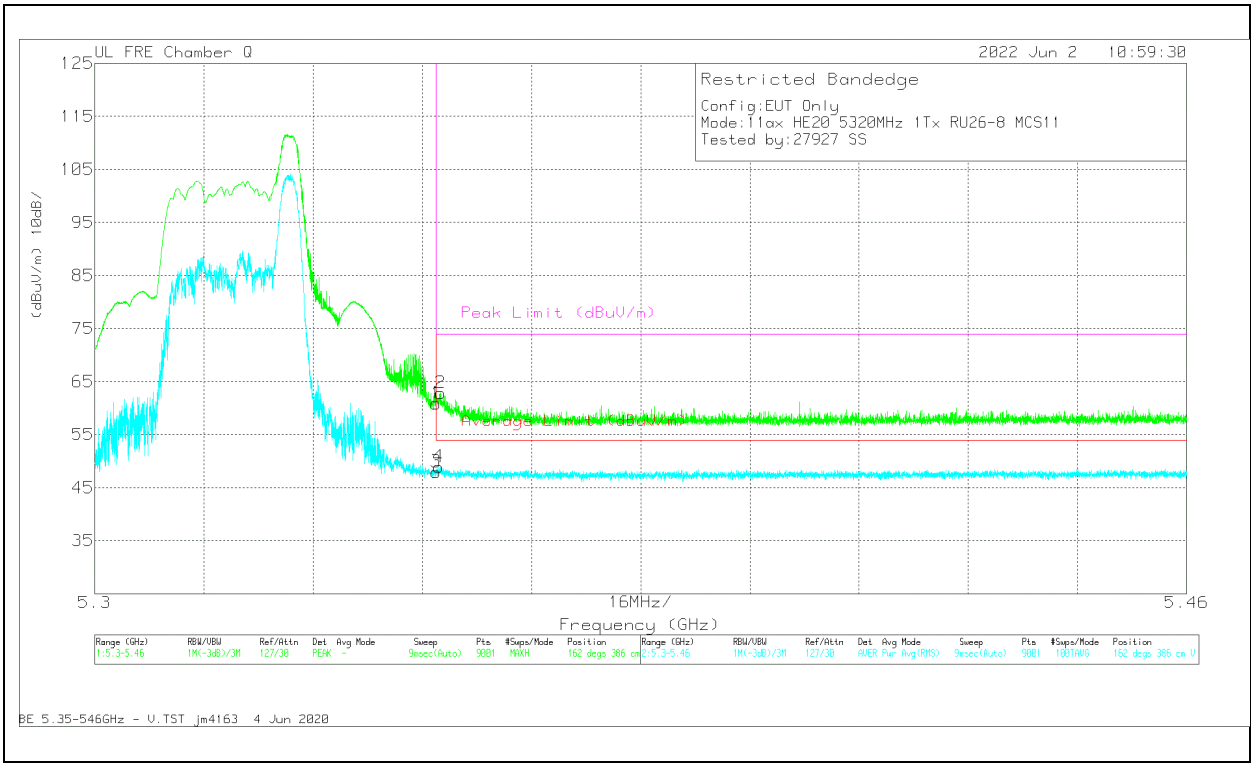
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	57.18	Pk	34.5	-30.8	0	60.88	-	-	74	-13.12	162	386	V
2	5.35065	59.15	Pk	34.5	-30.8	0	62.85	-	-	74	-11.15	162	386	V
3	5.35	43.79	RMS	34.5	-30.8	.46	47.95	54	-6.05	-	-	162	386	V
4	5.350401	44.76	RMS	34.5	-30.8	.46	48.92	54	-5.08	-	-	162	386	V

Pk - Peak detector
RMS - RMS detection

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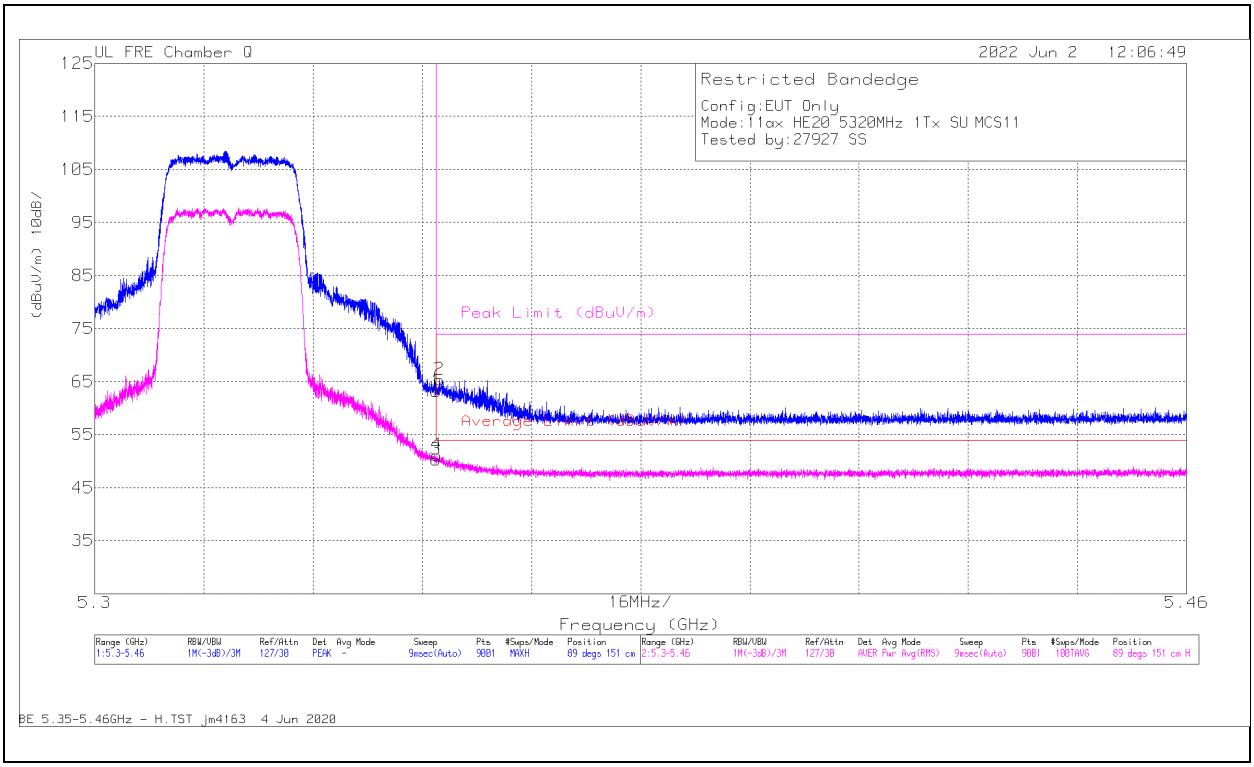
1TX Antenna 5 MODE: SU, Single User

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	59.45	Pk	34.5	-30.8	0	63.15	-	-	74	-10.85	89	151	H
2	5.350507	61.68	Pk	34.5	-30.8	0	65.38	-	-	74	-8.62	89	151	H
3	5.35	46	RMS	34.5	-30.8	.61	50.31	54	-3.69	-	-	89	151	H
4	5.350081	46.86	RMS	34.5	-30.8	.61	51.17	54	-2.83	-	-	89	151	H

Pk - Peak detector
RMS - RMS detection

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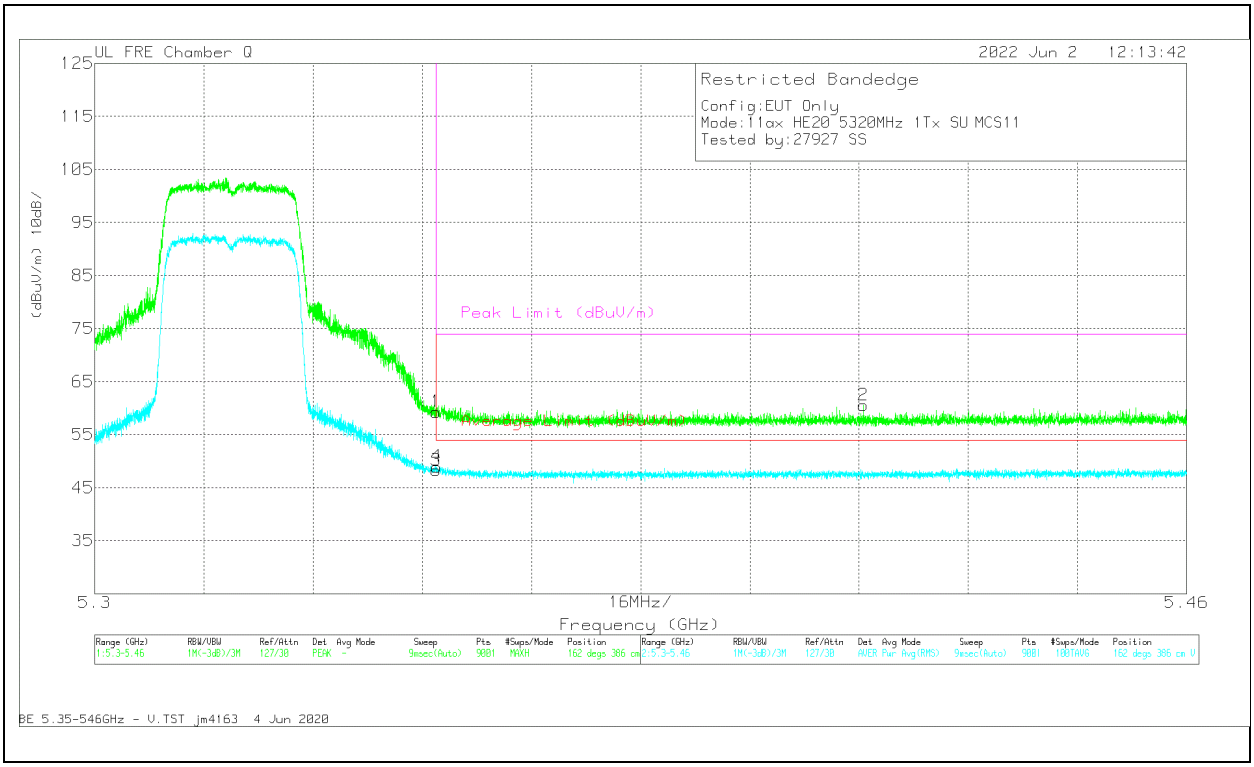
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	55.58	Pk	34.5	-30.8	0	59.28	-	-	74	-14.72	162	386	V
2	5.412606	56.74	Pk	34.5	-30.7	0	60.54	-	-	74	-13.46	162	386	V
3	5.35	43.97	RMS	34.5	-30.8	.61	48.28	54	-5.72	-	-	162	386	V
4	5.350116	44.65	RMS	34.5	-30.8	.61	48.96	54	-5.04	-	-	162	386	V

Pk - Peak detector
RMS - RMS detection

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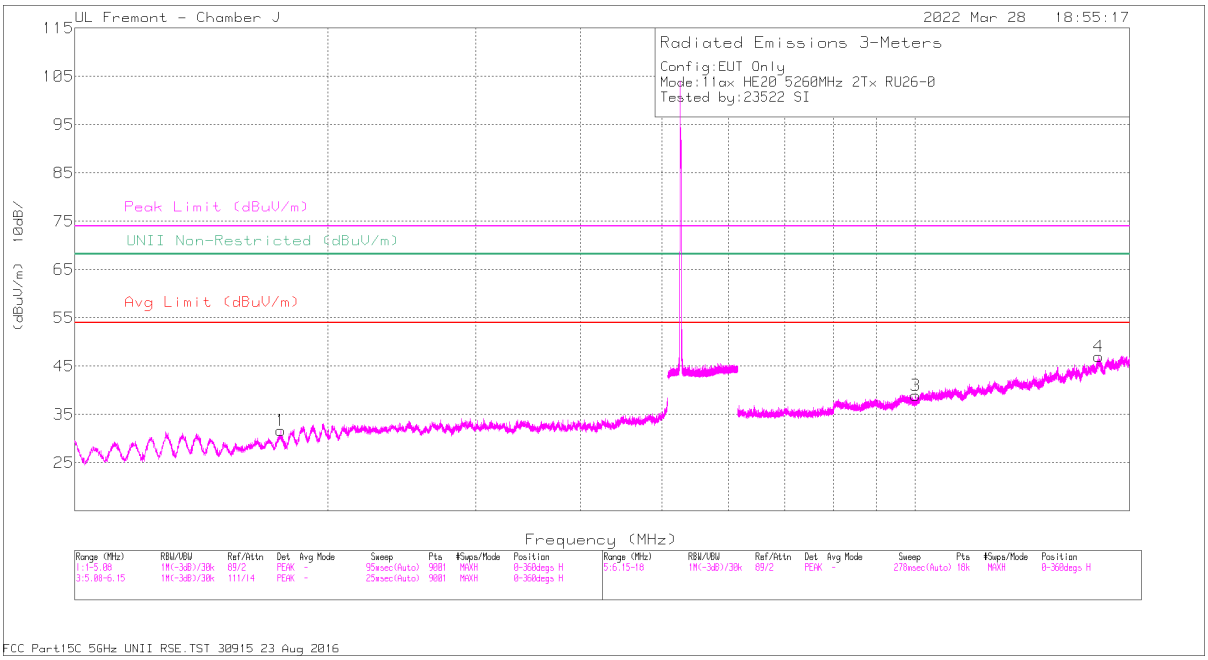
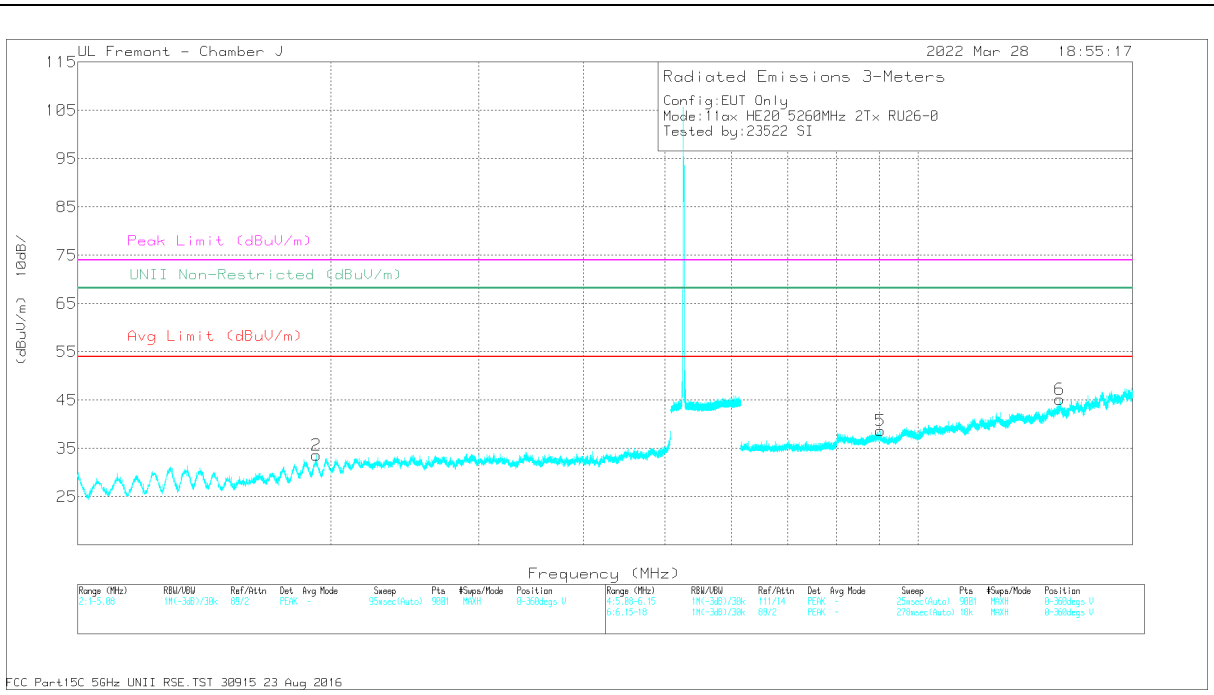
2TX Antenna 6 + Antenna 5 OFDMA MODE: 26-Tones, RU Index 0

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206806 (dB/m)	Amp/Cbl/Fltr/Pad (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	1757.273	60.59	PK-U	29.7	-49	41.29	-	-	-	-	68.2	-26.91	118	247	H
2	1921.072	61.28	PK-U	30.6	-49	42.88	-	-	-	-	68.2	-25.32	45	151	V
3	10019.769	55.74	PK-U	37.2	-45.2	47.74	-	-	-	-	68.2	-20.46	307	389	H
4	16559.139	56.14	PK-U	41.3	-41.5	55.94	-	-	-	-	68.2	-12.26	11	200	H
5	* 9025.129	56.38	PK-U	36.1	-45.1	47.38	-	-	74	-26.62	-	-	146	240	V
	* 9021.826	44.62	ADR	36.1	-45.1	35.62	54	-18.38	-	-	-	-	146	240	V
6	14755.244	55.59	PK-U	39.7	-41.9	53.39	-	-	-	-	68.2	-14.81	234	119	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

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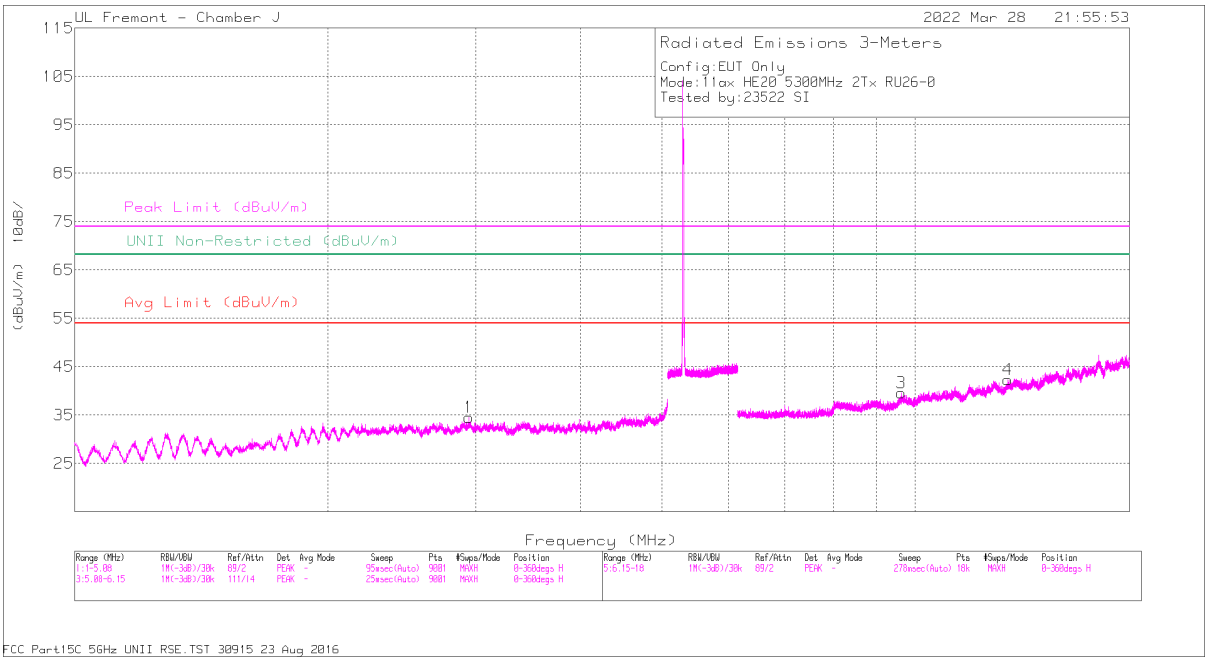
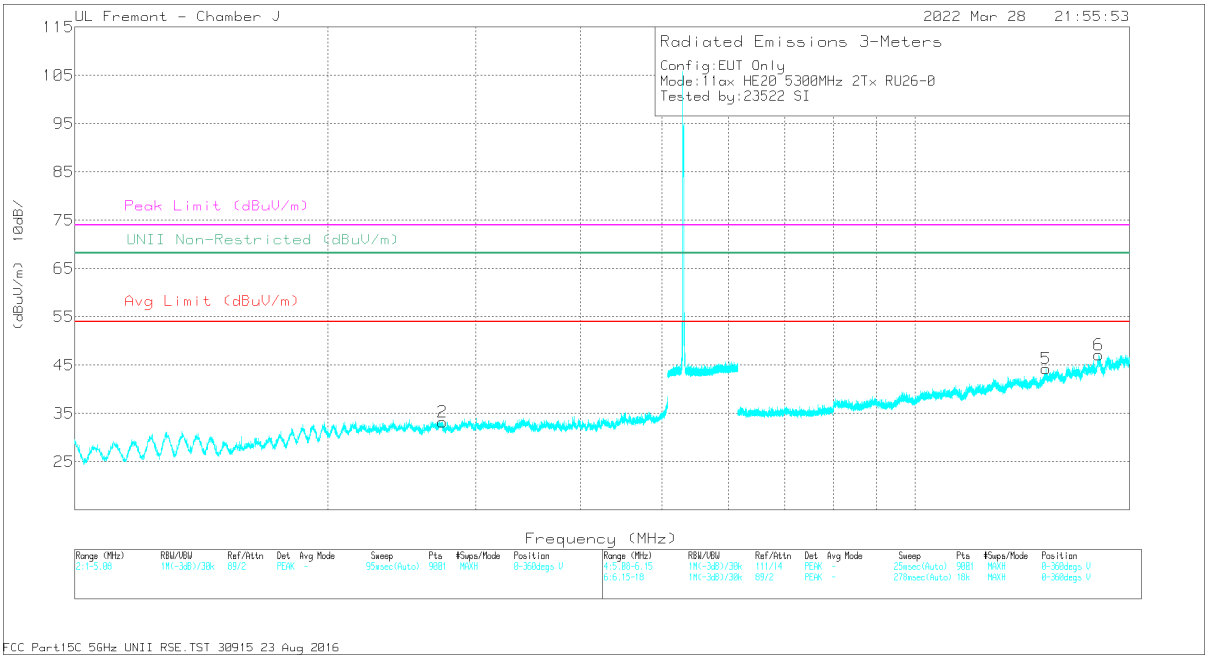
MID CHANNEL RESULTS



HORIZONTAL



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RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206806 (dB/m)	Amp/Cbl /Fltr/Pad (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	2942.358	58.06	PK-U	32.7	-47.4	43.36	-	-	-	-	68.2	-24.84	186	309	H
2	* 2742.345	58.87	PK-U	32.4	-47.9	43.37	-	-	74	-30.63	-	-	47	367	V
	* 2738.914	46.76	ADR	32.5	-47.9	31.36	54	-22.64	-	-	-	-	47	367	V
3	9637.765	57.49	PK-U	36.8	-45.4	48.89	-	-	-	-	68.2	-19.31	194	253	H
4	12898.571	55.28	PK-U	39.4	-43.8	50.88	-	-	-	-	68.2	-17.32	235	137	H
5	14320.504	55.95	PK-U	39.2	-42.4	52.75	-	-	-	-	68.2	-15.45	348	166	V
6	16556.574	56.49	PK-U	41.3	-41.4	56.39	-	-	-	-	68.2	-11.81	53	247	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

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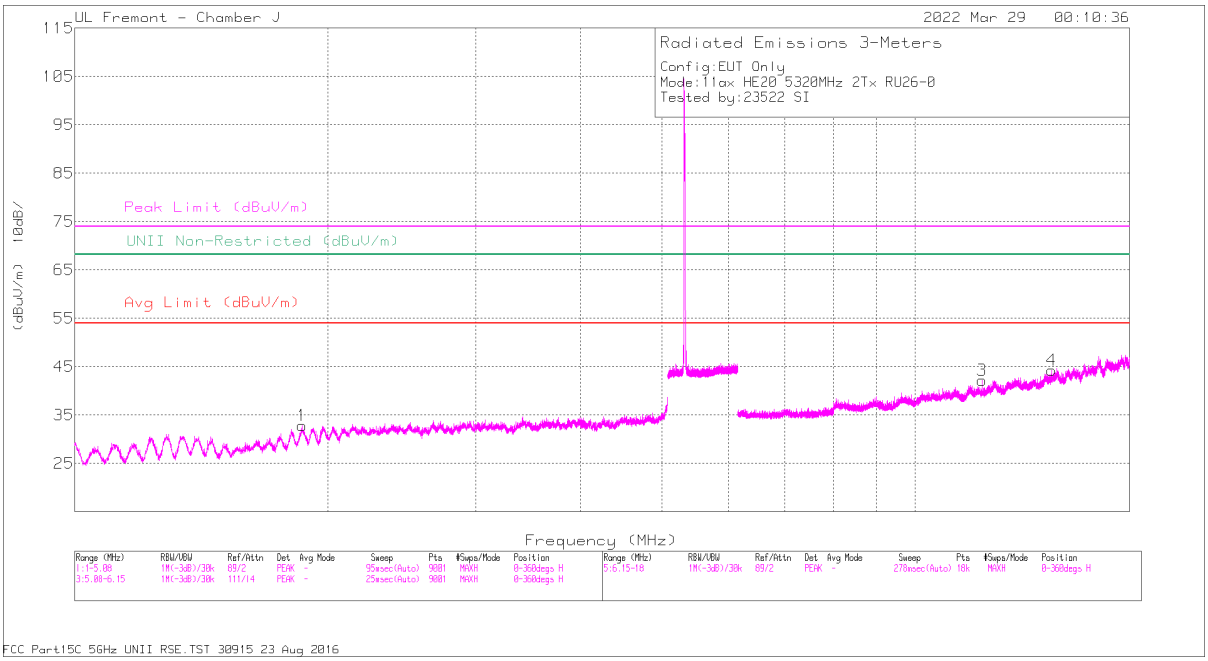
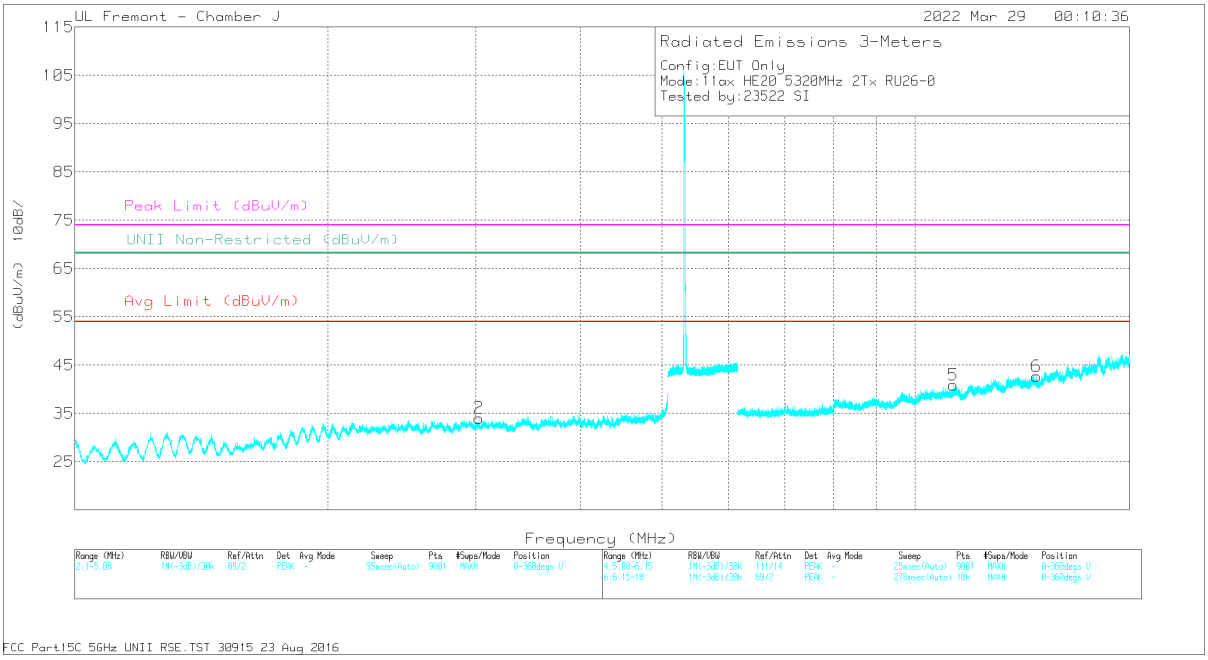
HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206806 (dB/m)	Amp/Cbl/Fltr/Pad (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	1863.154	61.32	PK-U	30.7	-49.4	42.62	-	-	-	-	68.2	-25.58	21	109	H
2	3027.02	57.65	PK-U	32.9	-47.3	43.25	-	-	-	-	68.2	-24.95	334	320	V
3	* 12016.48	55.32	PK-U	38.8	-43.5	50.62	-	-	74	-23.38	-	-	50	130	H
	* 12016.36	43.8	ADR	38.8	-43.5	39.1	54	-14.9	-	-	-	-	50	130	H
4	14545.627	55.66	PK-U	39.7	-42.2	53.16	-	-	-	-	68.2	-15.04	76	147	H
5	* 11105.178	56.39	PK-U	37.9	-44.8	49.49	-	-	74	-24.51	-	-	136	257	V
	* 11103.402	45.15	ADR	37.9	-44.8	38.25	54	-15.75	-	-	-	-	136	257	V
6	13953.724	56.47	PK-U	38.5	-43.2	51.77	-	-	-	-	68.2	-16.43	198	178	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

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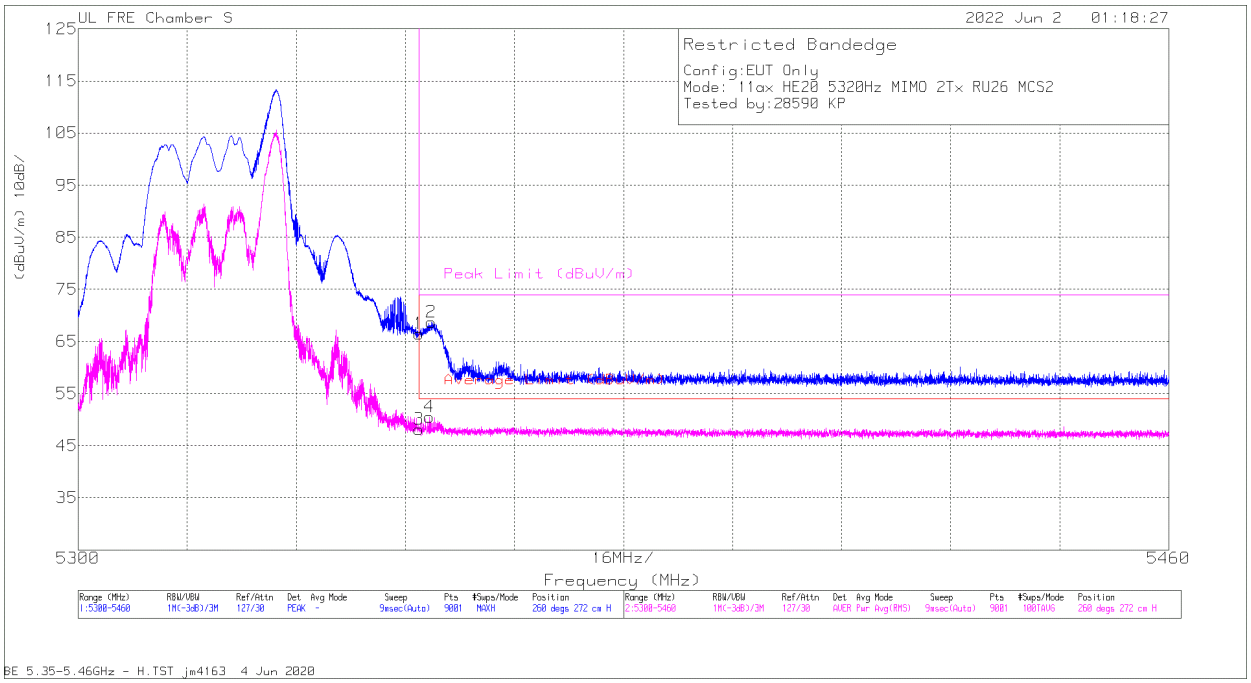
2TX Antenna 6 + Antenna 5 OFDMA MODE: 26-Tones, RU Index 8

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206807 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5350	63.1	Pk	34.6	-31.2	0	66.5	-	-	74	-7.5	260	272	H
2	5351.787	65.28	Pk	34.6	-31.2	0	68.68	-	-	74	-5.32	260	272	H
3	5350	44.22	RMS	34.6	-31.2	.46	48.08	54	-5.92	-	-	260	272	H
4	5351.556	46.56	RMS	34.6	-31.2	.46	50.42	54	-3.58	-	-	260	272	H

Pk - Peak detector
RMS - RMS detection

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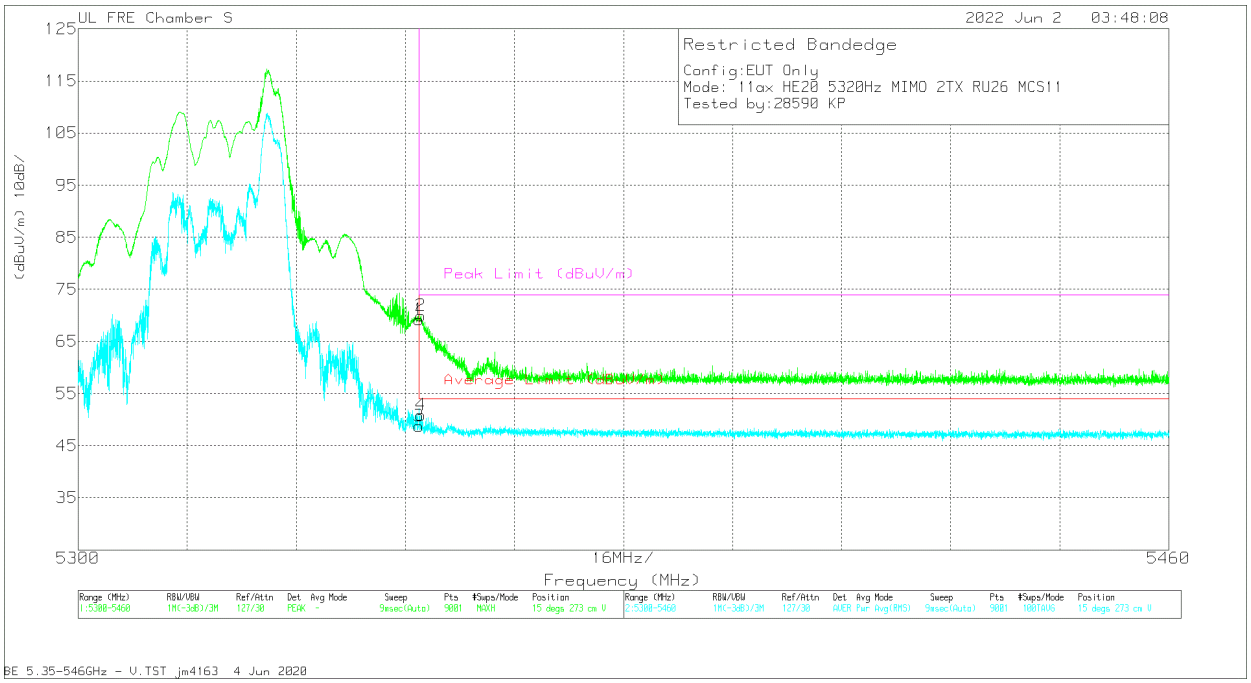
VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206807 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5350	65.78	Pk	34.6	-31.2	0	69.18	-	-	74	-4.82	15	273	V
2	5350.294	66.55	Pk	34.6	-31.2	0	69.95	-	-	74	-4.05	15	273	V
3	5350	44.87	RMS	34.6	-31.2	.46	48.73	54	-5.27	-	-	15	273	V
4	5350.258	47.07	RMS	34.6	-31.2	.46	50.93	54	-3.07	-	-	15	273	V

Pk - Peak detector
RMS - RMS detection

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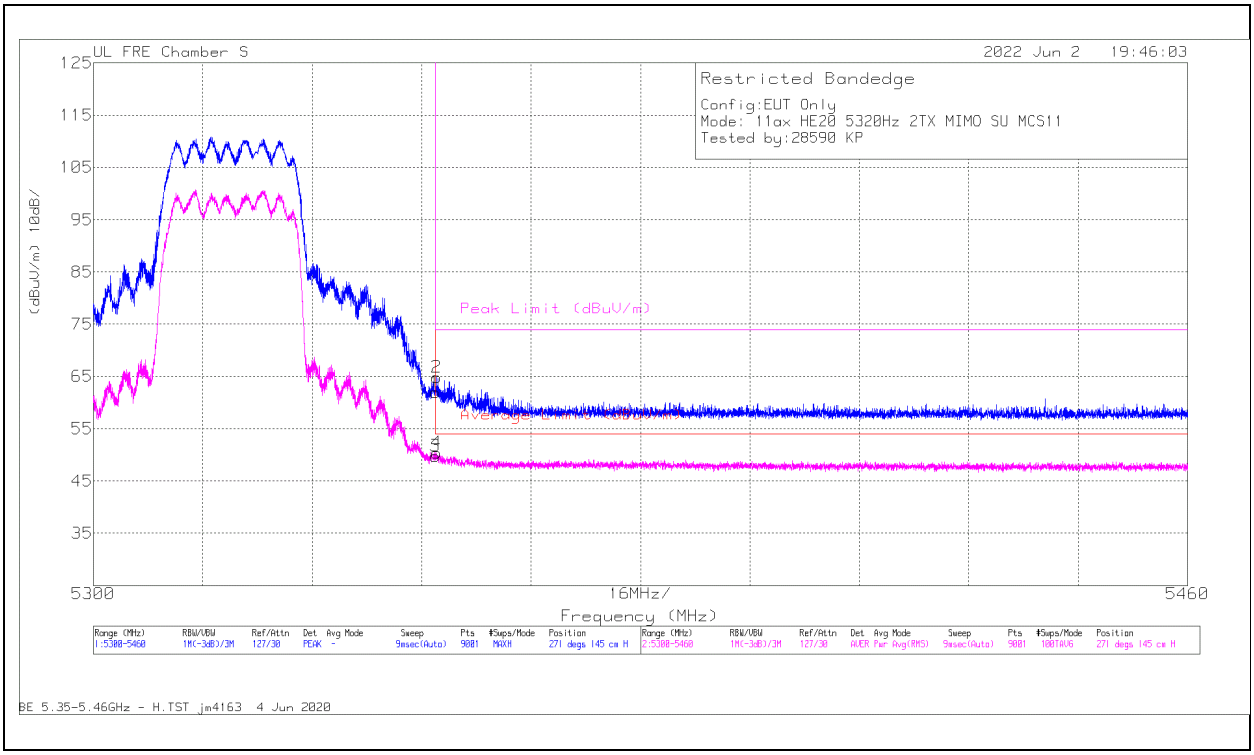
2TX Antenna 6 + Antenna 5 OFDMA MODE: SU, Single User

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206807 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5350	58.62	Pk	34.6	-31.2	0	62.02	-	-	74	-11.98	271	145	H
2	5350.17	61.39	Pk	34.6	-31.2	0	64.79	-	-	74	-9.21	271	145	H
3	5350	45.68	RMS	34.6	-31.2	.61	49.69	54	-4.31	-	-	271	145	H
4	5350.17	46.3	RMS	34.6	-31.2	.61	50.31	54	-3.69	-	-	271	145	H

Pk - Peak detector
RMS - RMS detection

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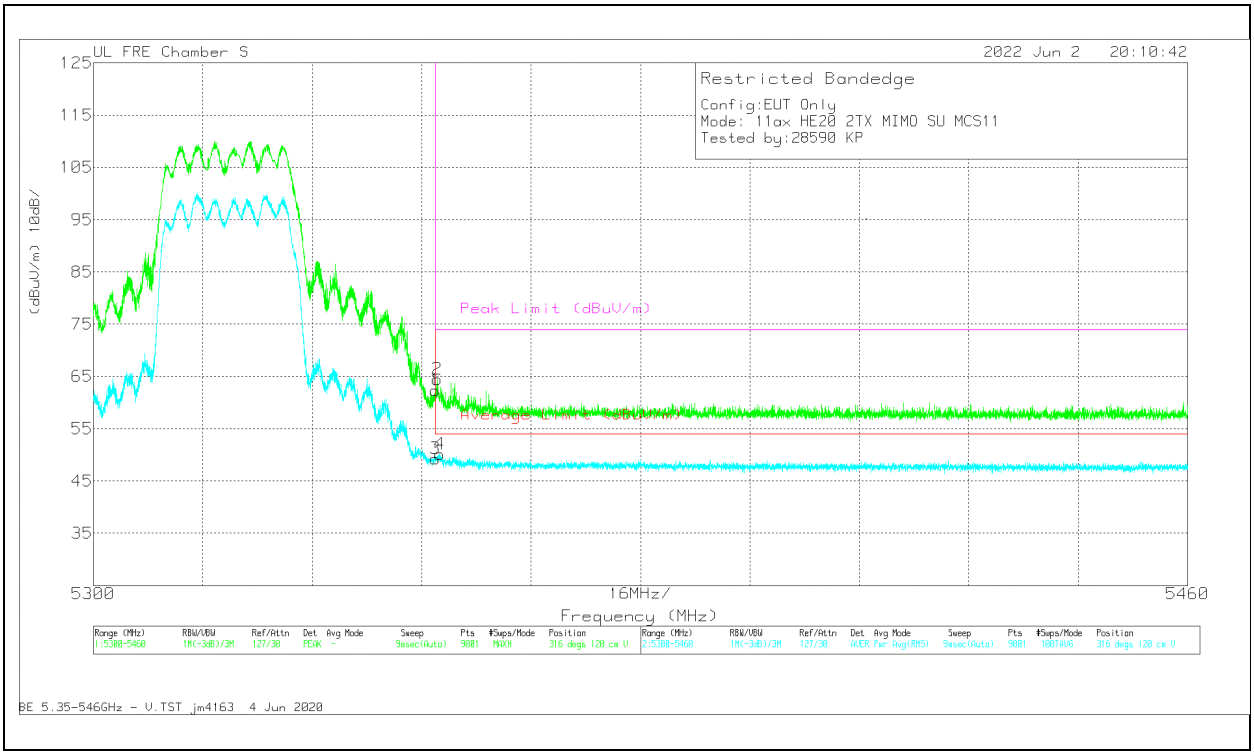
VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206807 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5350	58.96	Pk	34.6	-31.2	0	62.36	-	-	74	-11.64	316	120	V
2	5350.276	61.02	Pk	34.6	-31.2	0	64.42	-	-	74	-9.58	316	120	V
3	5350	45.2	RMS	34.6	-31.2	.61	49.21	54	-4.79	-	-	316	120	V
4	5350.667	46.14	RMS	34.6	-31.2	.61	50.15	54	-3.85	-	-	316	120	V

Pk - Peak detector
RMS - RMS detection

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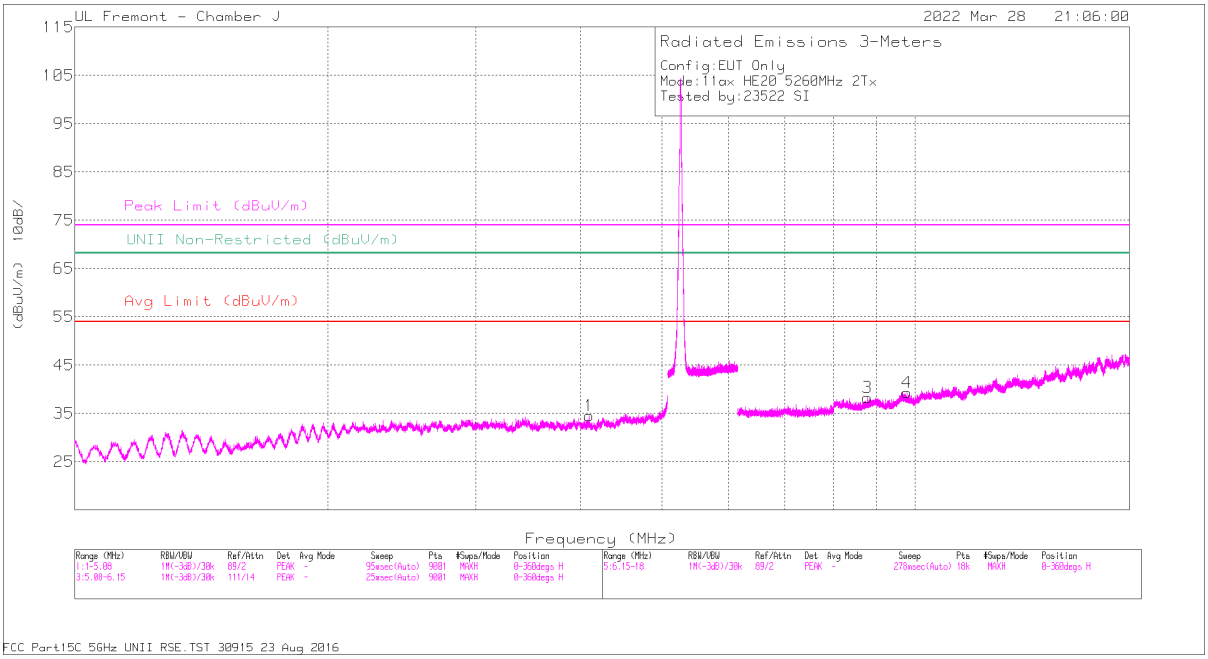
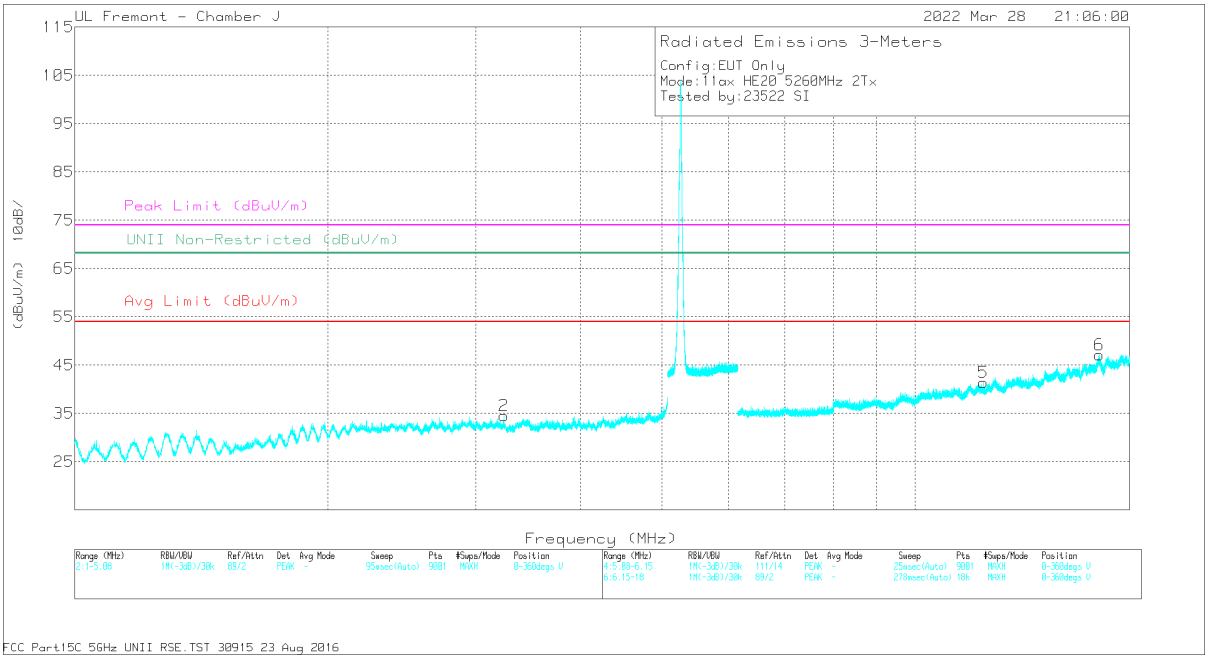
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206806 (dB/m)	Amp /Cbl/ Fltr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4096.01	56.86	PK-U	33.3	-47.1	0	43.06	-	-	74	-30.94	-	-	359	304	H
	* 4096.983	45.55	ADR	33.3	-47.1	.1	31.85	54	-22.15	-	-	-	-	359	304	H
2	3240.438	57.1	PK-U	32.9	-46.8	0	43.2	-	-	-	-	68.2	-25	217	122	V
3	8776.716	56.2	PK-U	36	-44.8	0	47.4	-	-	-	-	68.2	-20.8	153	208	H
4	9775.949	57.58	PK-U	37	-45.7	0	48.88	-	-	-	-	68.2	-19.32	66	157	H
5	* 12066.76	55.17	PK-U	38.9	-43.7	0	50.37	-	-	74	-23.63	-	-	190	285	V
	* 12064.97	43.41	ADR	38.9	-43.7	.1	38.71	54	-15.29	-	-	-	-	190	285	V
6	16561.616	57.11	PK-U	41.4	-41.6	0	56.91	-	-	-	-	68.2	-11.29	204	331	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

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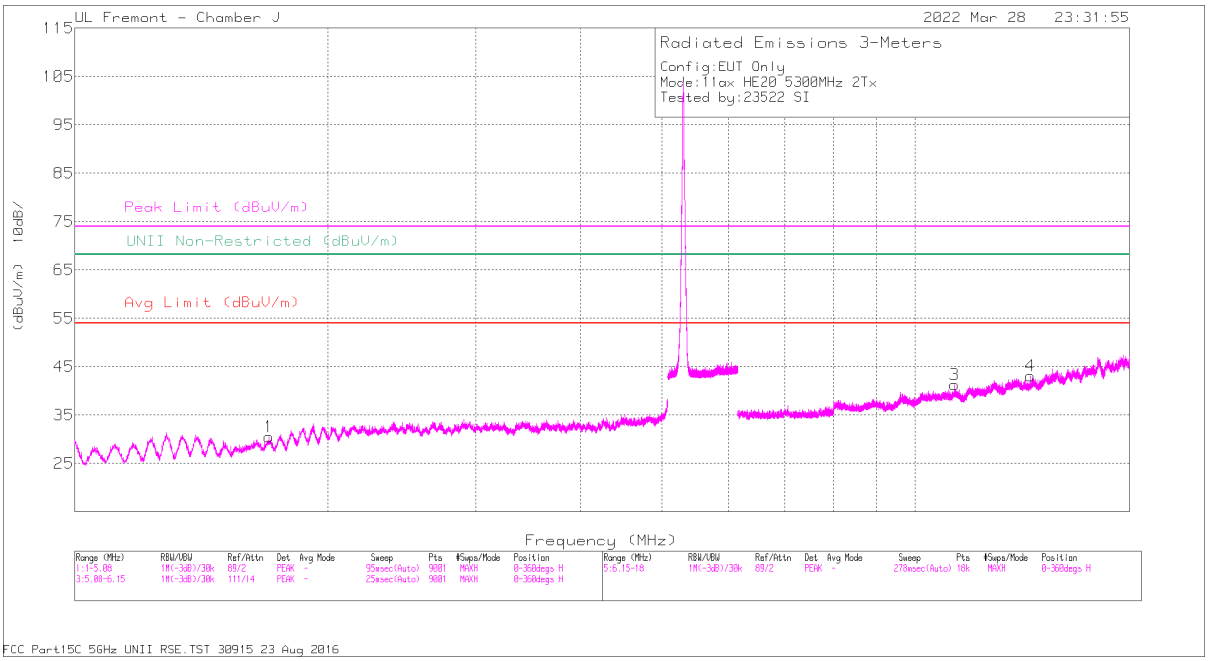
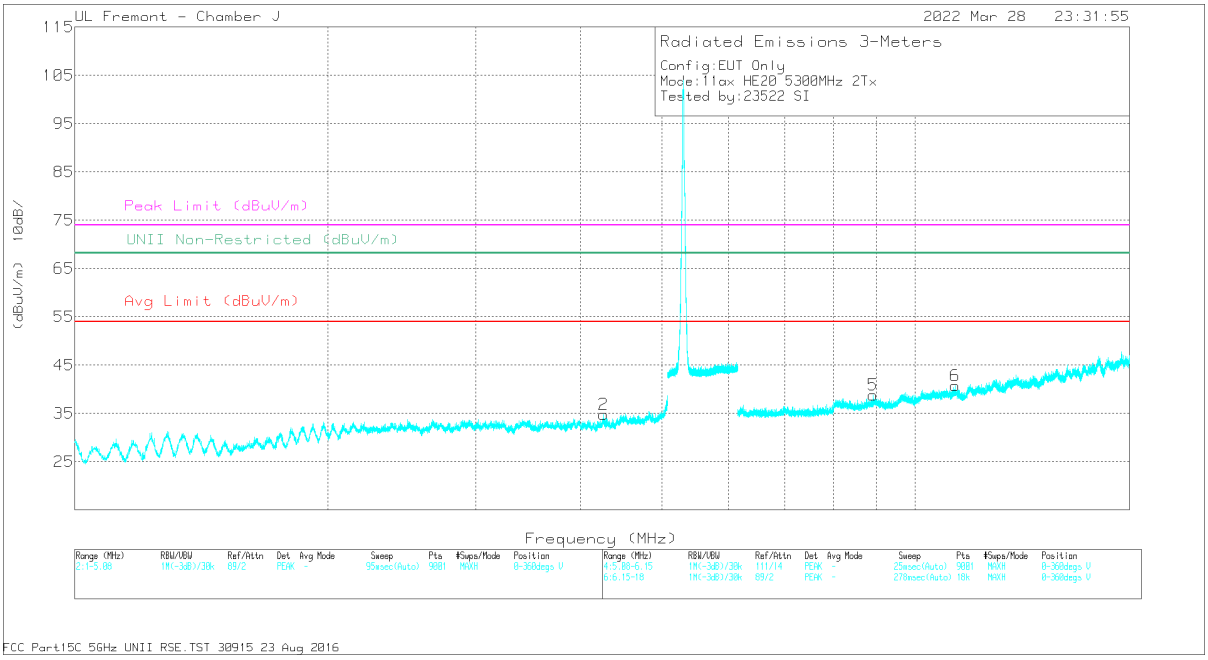
MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206806 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1703.354	60.44	PK-U	28.9	-49	0	40.34	-	-	74	-33.66	-	-	33	259	H
	* 1703.838	48.46	ADR	28.9	-49	.1	28.46	54	-25.54	-	-	-	-	33	259	H
2	* 4258.661	58.46	PK-U	33.3	-47.2	0	44.56	-	-	74	-29.44	-	-	102	188	V
	* 4258.41	46.66	ADR	33.3	-47.2	.1	32.86	54	-21.14	-	-	-	-	102	188	V
3	* 11150.092	56.62	PK-U	38	-44.6	0	50.02	-	-	74	-23.98	-	-	241	143	H
	* 11149.656	44.97	ADR	38	-44.6	.1	38.47	54	-15.53	-	-	-	-	241	143	H
4	13719.838	56.23	PK-U	38.6	-43.8	0	51.03	-	-	-	-	68.2	-17.17	186	350	H
5	8916.915	55.94	PK-U	36.2	-44.9	0	47.24	-	-	-	-	68.2	-20.96	37	116	V
6	* 11162.001	56.54	PK-U	38	-44.5	0	50.04	-	-	74	-23.96	-	-	134	252	V
	* 11159.481	44.72	ADR	38	-44.5	.1	38.32	54	-15.68	-	-	-	-	134	252	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

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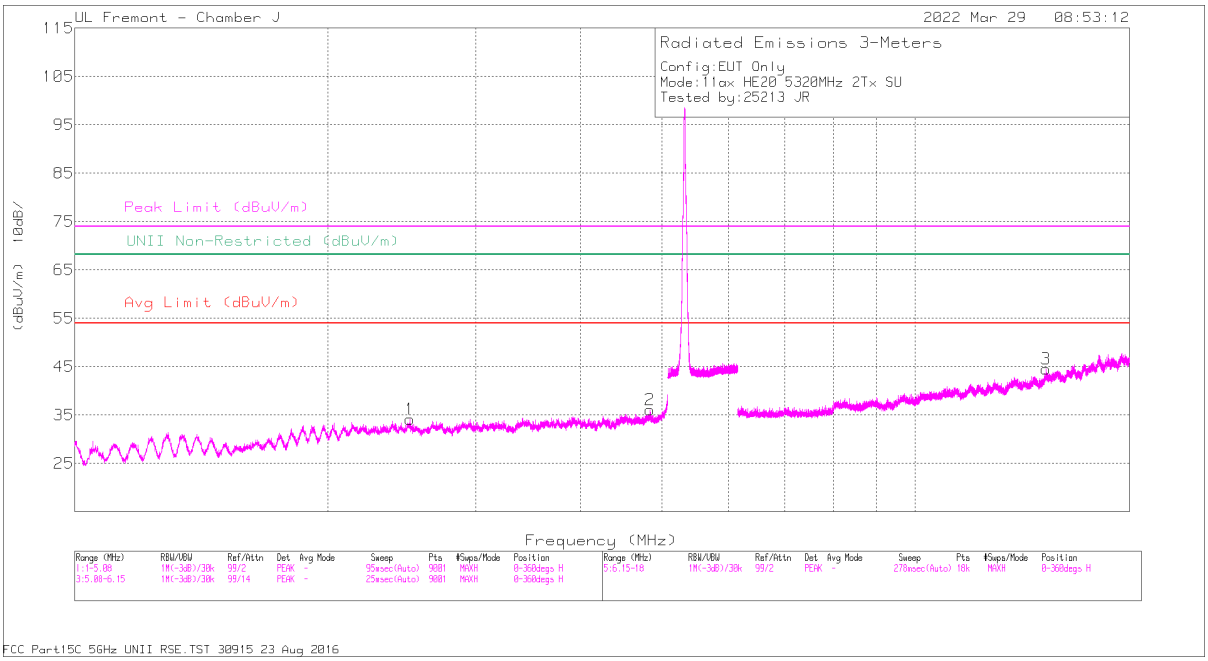
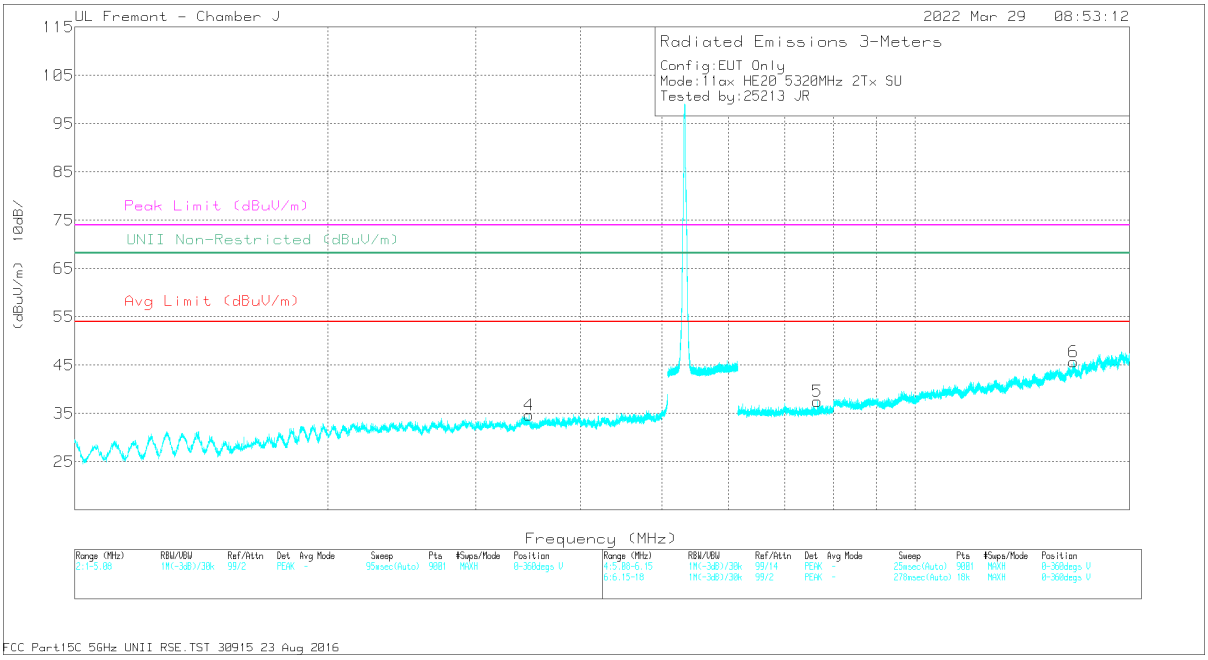
HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206806 (dB/m)	Amp/ Cbl/Fl tr/Pa d (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBu V/m)	Margin (dB)	Peak Limit (dBu V/m)	PK Margin (dB)	UNII Non-Restricte d (dBuV/m)	PK Margin (dB)	Azimut h (Degs)	Heigh t (cm)	Polarity
1	2503.06	59.6	PK-U	32.5	-48.6	0	43.5	-	-	-	-	68.2	-24.7	72	337	H
2	* 4836.127	57.7	PK-U	34	-46.4	0	45.3	-	-	74	-28.7	-	-	314	138	H
	* 4835.656	46.07	ADR	34	-46.4	.1	33.77	54	-20.23	-	-	-	-	314	138	H
3	14322.655	54.77	PK-U	39.3	-42.4	0	51.67	-	-	-	-	68.2	-16.53	230	380	H
4	3472.08	56.92	PK-U	32.7	-46.1	0	43.52	-	-	-	-	68.2	-24.68	78	153	V
5	* 7657.363	56.05	PK-U	35.8	-45.9	0	45.95	-	-	74	-28.05	-	-	77	303	V
	* 7653.991	44.13	ADR	35.8	-45.9	.1	34.13	54	-19.87	-	-	-	-	77	303	V
6	* 15451.479	55.56	PK-U	40.1	-41.7	0	53.96	-	-	74	-20.04	-	-	258	185	V
	* 15451.419	44.28	ADR	40.1	-41.7	.1	42.78	54	-11.22	-	-	-	-	258	185	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

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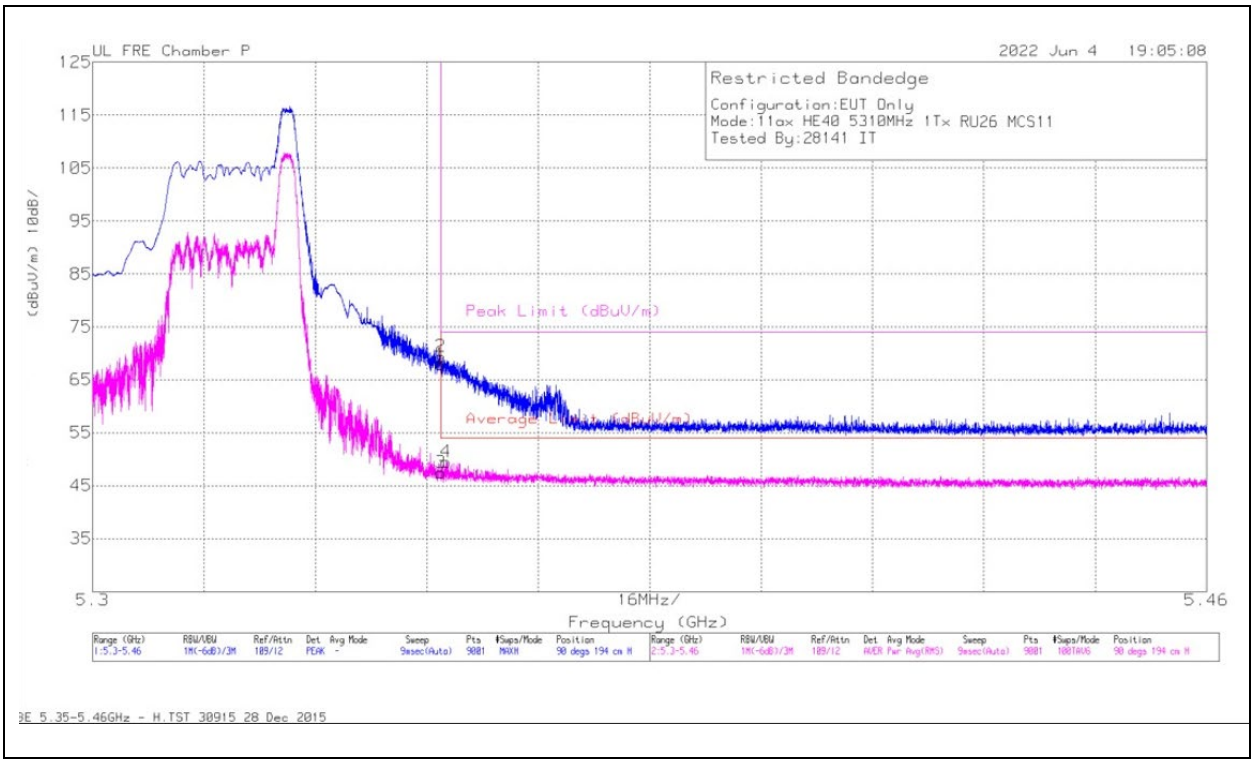
1.1.11. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.3GHz BAND

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 41112 (dB/m)	Amp/Cbl/Fltr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	44.57	Pk	34.6	-11.3	0	67.87	-	-	74	-6.13	90	194	H
2	5.35001	46.01	Pk	34.6	-11.3	0	69.31	-	-	74	-4.69	90	194	H
3	5.35	23.71	RMS	34.6	-11.3	.46	47.47	54	-6.53	-	-	90	194	H
4	5.350792	25.74	RMS	34.6	-11.3	.46	49.50	54	-4.50	-	-	90	194	H

Pk - Peak detector
RMS - RMS detection

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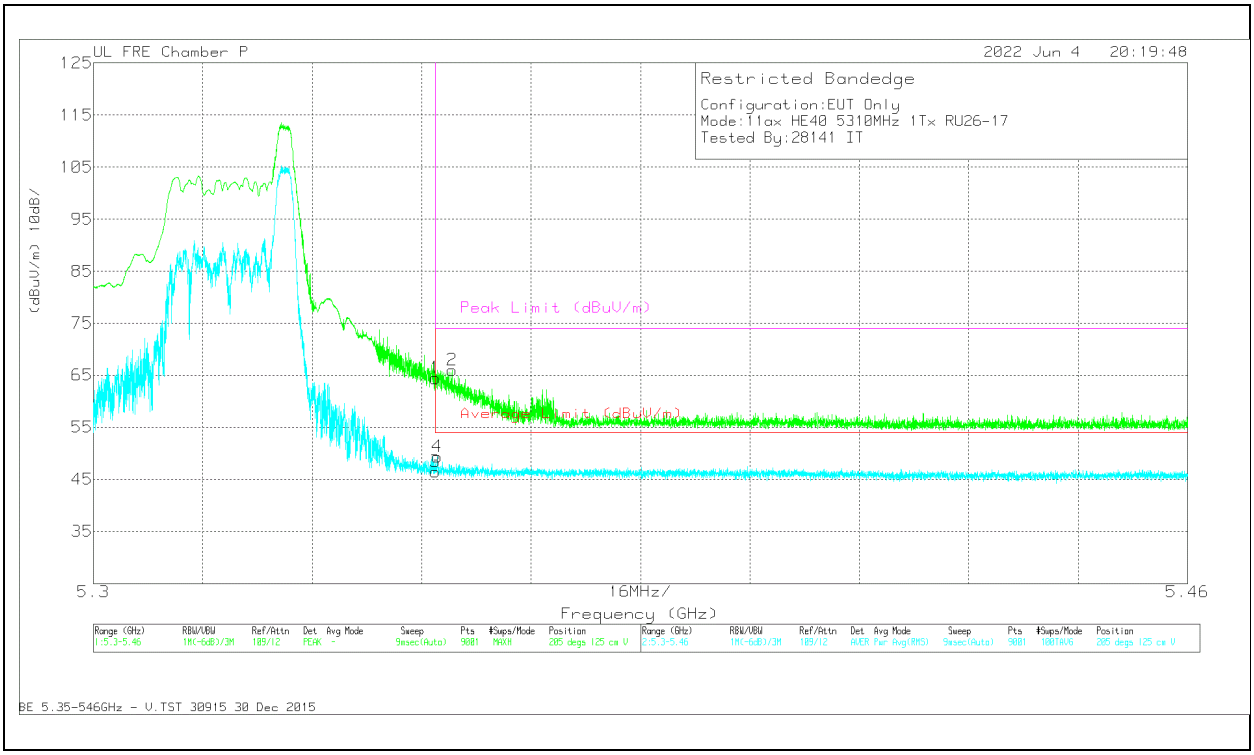
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 41112 (dB/m)	Amp/Cbl/Fltr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	41.12	Pk	34.6	-11.3	0	64.42	-	-	74	-9.58	205	125	V
2	5.352427	42.63	Pk	34.7	-11.3	0	66.03	-	-	74	-7.97	205	125	V
3	5.35	22.74	RMS	34.6	-11.3	.46	46.50	54	-7.50	-	-	205	125	V
4	5.350312	25.58	RMS	34.6	-11.3	.46	49.34	54	-4.66	-	-	205	125	V

Pk - Peak detector
RMS - RMS detection

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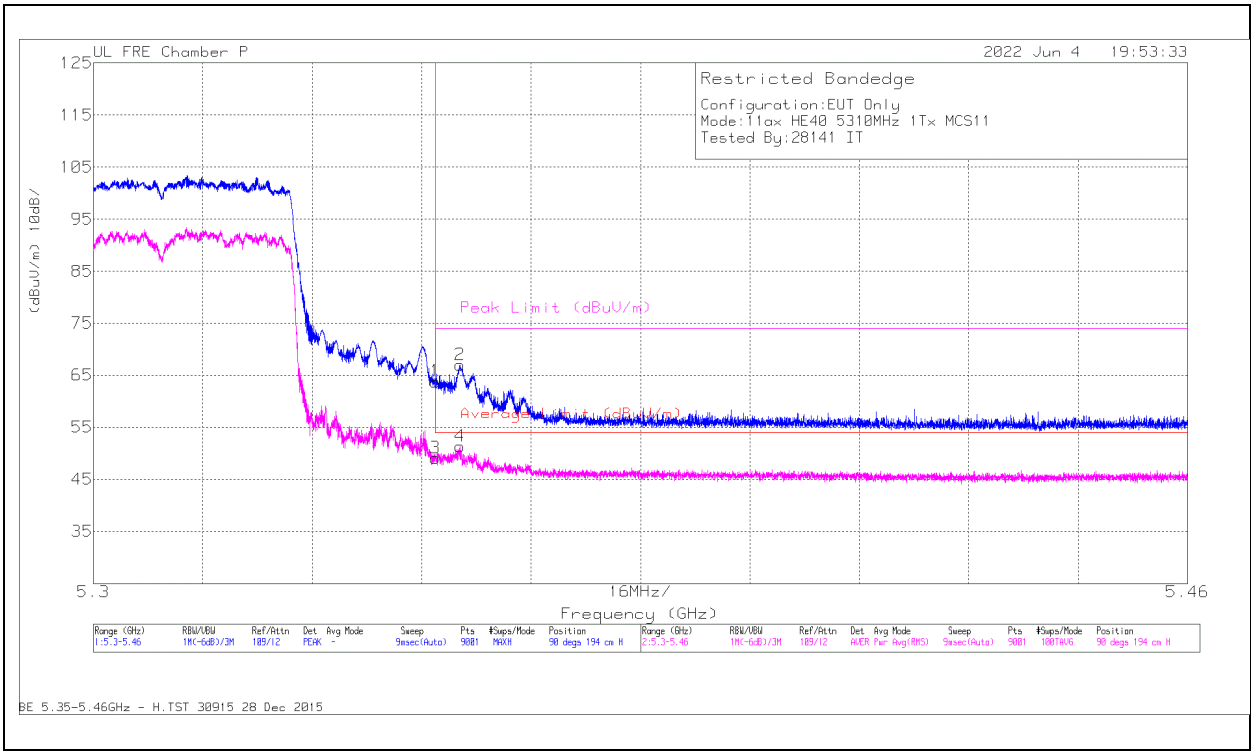
1TX Antenna 6 MODE: SU, Single User

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 41112 (dB/m)	Amp/Cbl/Fltr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	40.5	Pk	34.6	-11.3	0	63.8	-	-	74	-10.2	90	194	H
2	5.353601	43.62	Pk	34.7	-11.3	0	67.02	-	-	74	-6.98	90	194	H
3	5.35	24.98	RMS	34.6	-11.3	.8	49.08	54	-4.92	-	-	90	194	H
4	5.353618	27.12	RMS	34.7	-11.3	.8	51.32	54	-2.68	-	-	90	194	H

Pk - Peak detector
RMS - RMS detection

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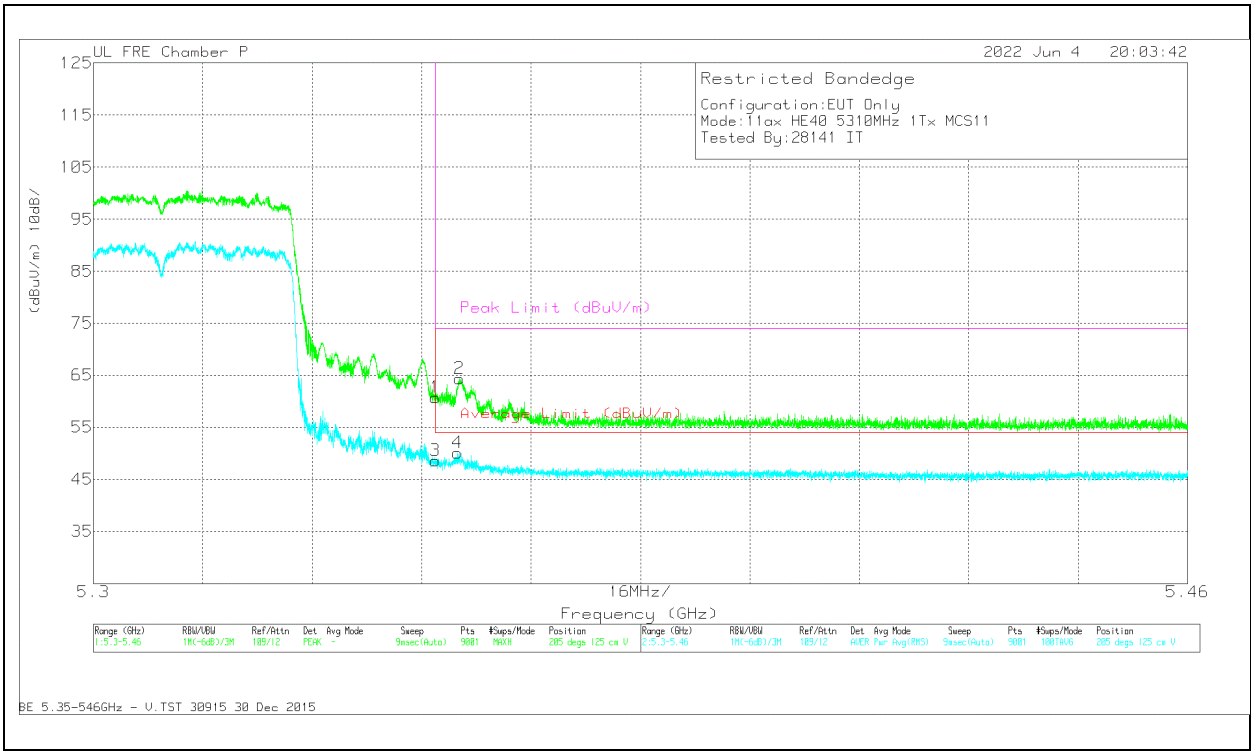
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 41112 (dB/m)	Amp/Cbl/Fltr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	37.45	Pk	34.6	-11.3	0	60.75	-	-	74	-13.25	205	125	V
2	5.35353	40.95	Pk	34.7	-11.3	0	64.35	-	-	74	-9.65	205	125	V
3	5.35	24.47	RMS	34.6	-11.3	.8	48.57	54	-5.43	-	-	205	125	V
4	5.353245	25.91	RMS	34.7	-11.3	.8	50.11	54	-3.89	-	-	205	125	V

Pk - Peak detector
RMS - RMS detection

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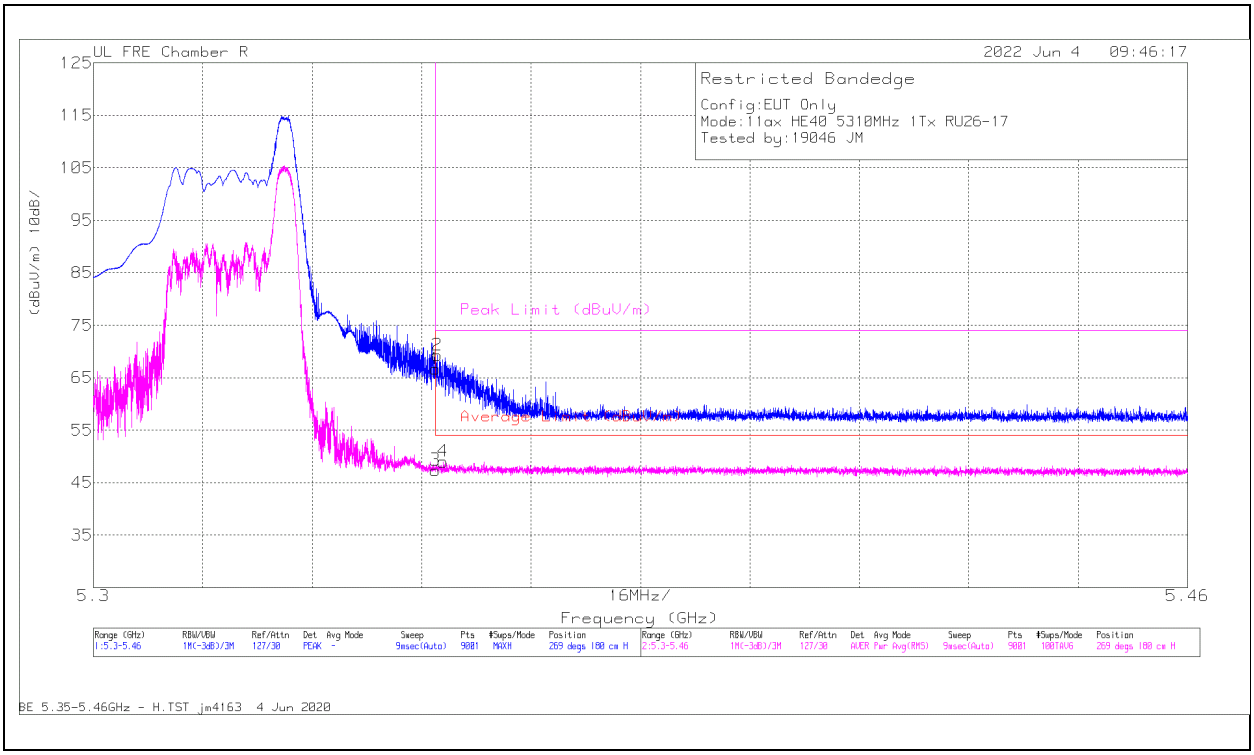
1TX Antenna 5 MODE: 26-Tones, RU Index 17

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200785 ACF (dB)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	63.95	Pk	34.7	-32	0	66.65	-	-	74	-7.35	269	180	H
2	* 5.350258	66.62	Pk	34.7	-32	0	69.32	-	-	74	-4.68	269	180	H
3	* 5.35	44.22	RMS	34.7	-32	.46	47.38	54	-6.62	-	-	269	180	H
4	* 5.351183	45.84	RMS	34.7	-32	.46	49.00	54	-5.00	-	-	269	180	H

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

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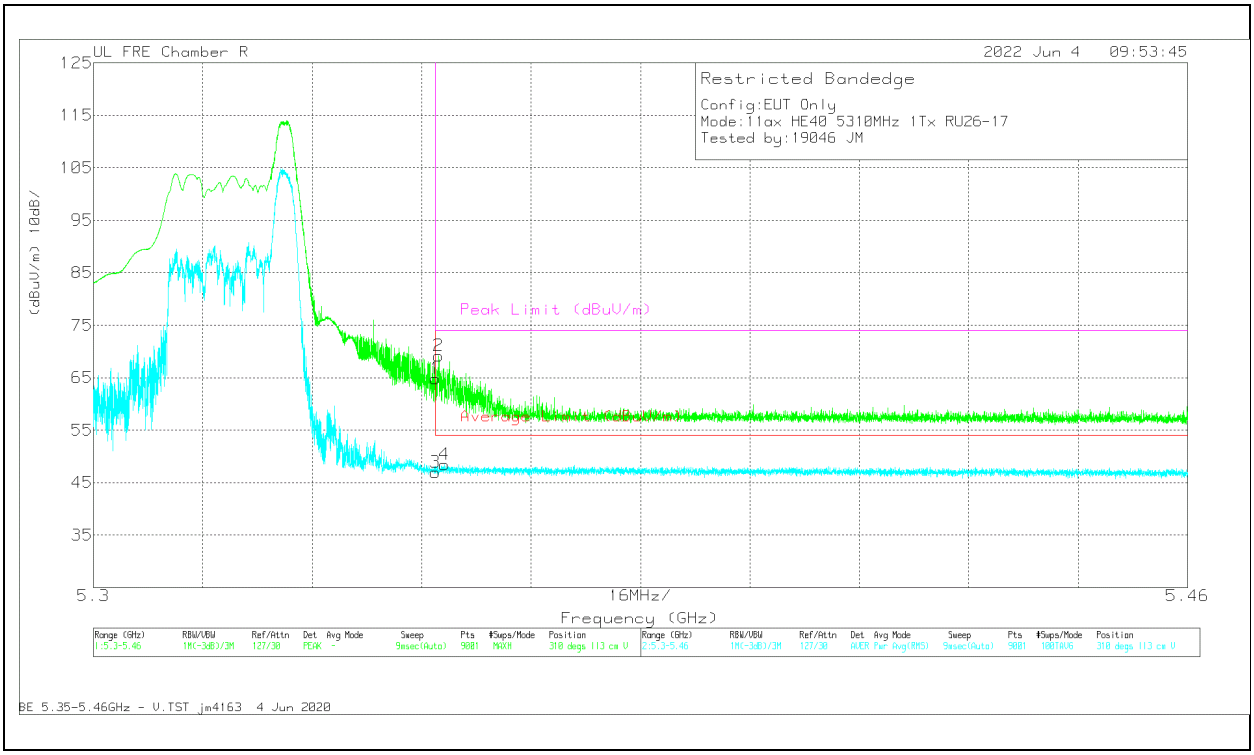
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200785 ACF (dB)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	62.14	Pk	34.7	-32	0	64.84	-	-	74	-9.16	310	113	V
2	* 5.350507	66.51	Pk	34.7	-32	0	69.21	-	-	74	-4.79	310	113	V
3	* 5.35	43.74	RMS	34.7	-32	.46	46.90	54	-7.10	-	-	310	113	V
4	* 5.35129	45.23	RMS	34.7	-32	.46	48.39	54	-5.61	-	-	310	113	V

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

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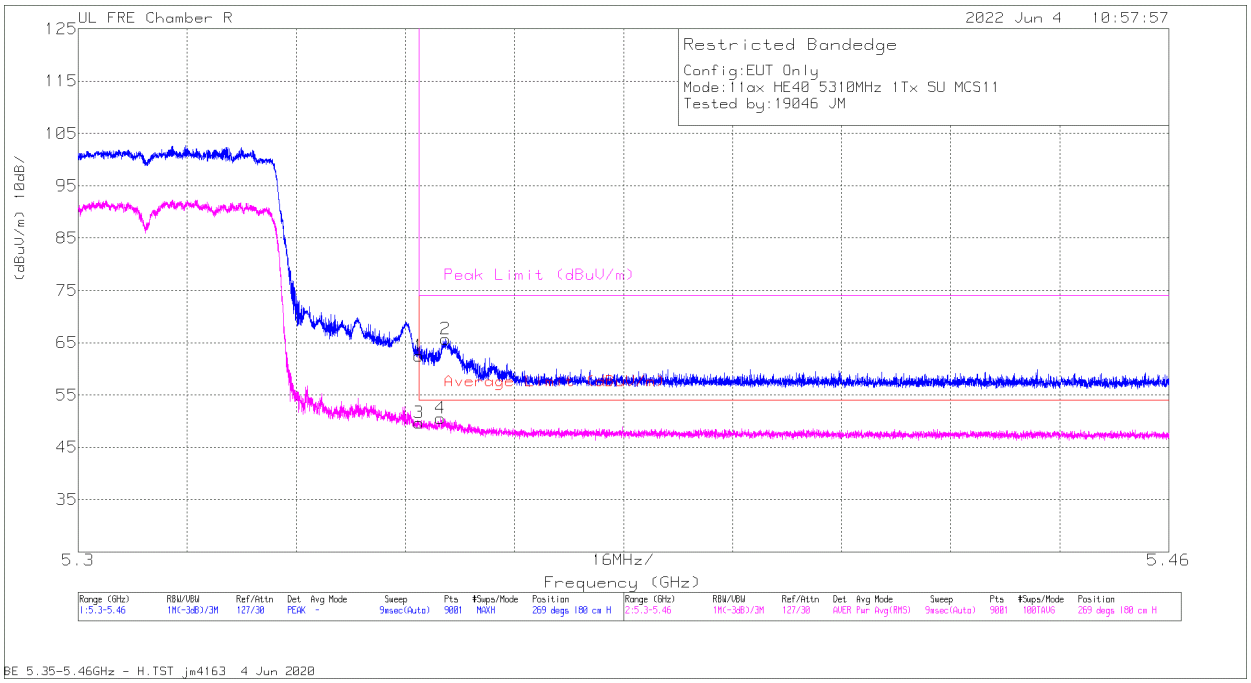
1TX Antenna 5 MODE: SU, Single User

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200785 ACF (dB)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	59.79	Pk	34.7	-32	0	62.49	-	-	74	-11.51	269	180	H
2	* 5.353921	63.05	Pk	34.6	-32	0	65.65	-	-	74	-8.35	269	180	H
3	* 5.35	46.11	RMS	34.7	-32	.8	49.61	54	-4.39	-	-	269	180	H
4	* 5.353138	47.14	RMS	34.6	-32	.8	50.54	54	-3.46	-	-	269	180	H

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

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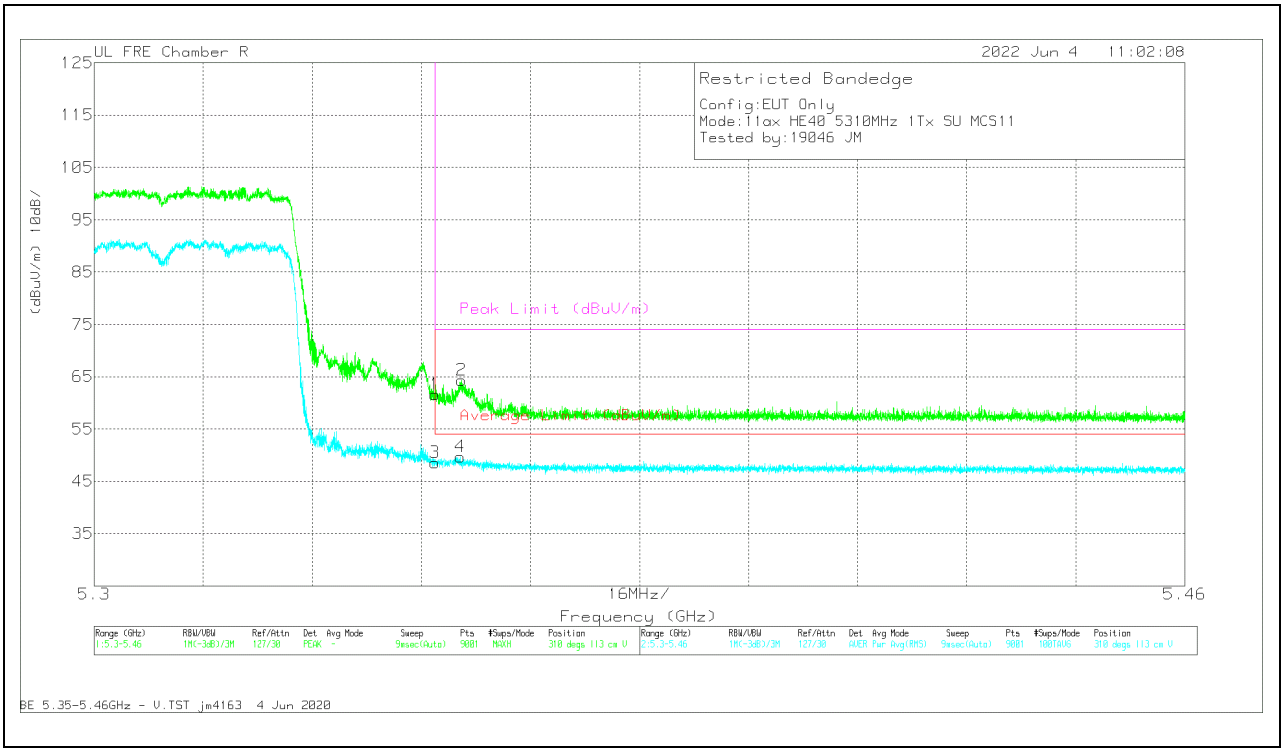
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200785 ACF (dB)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	58.84	Pk	34.7	-32	0	61.54	-	-	74	-12.46	310	113	V
2	* 5.35385	61.68	Pk	34.6	-32	0	64.28	-	-	74	-9.72	310	113	V
3	* 5.35	45.11	RMS	34.7	-32	.8	48.61	54	-5.39	-	-	310	113	V
4	* 5.35369	46.31	RMS	34.6	-32	.8	49.71	54	-4.29	-	-	310	113	V

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

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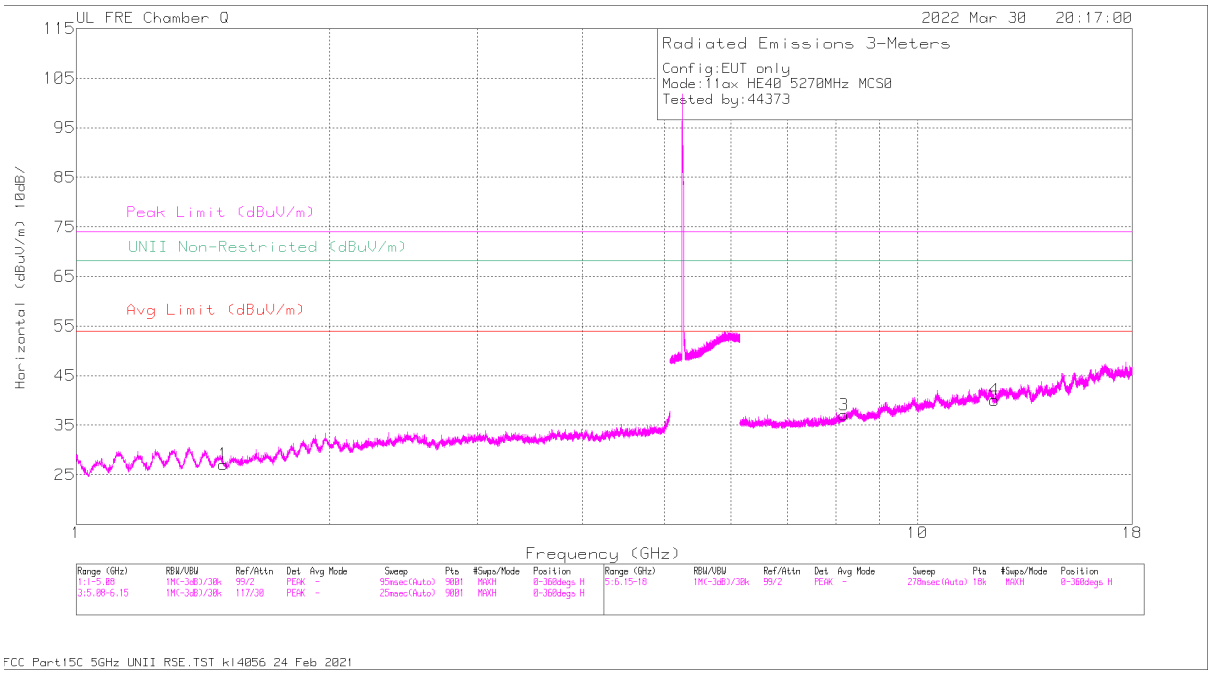
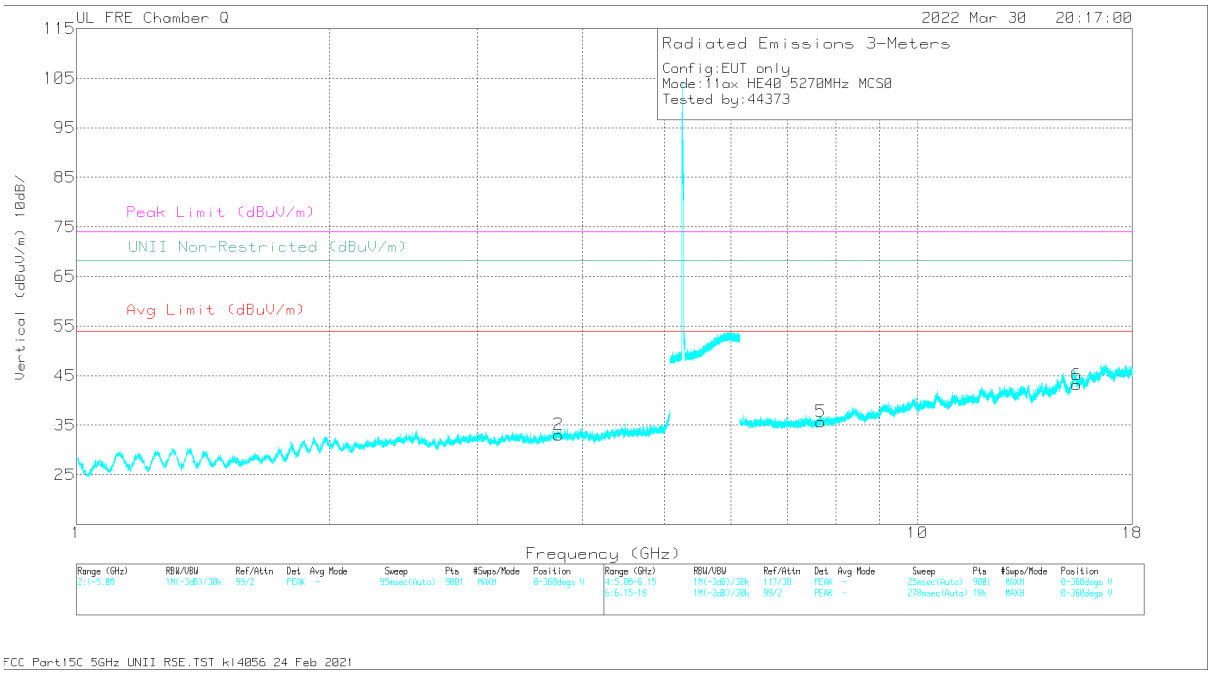
2TX Antenna 6 + Antenna 5 OFDMA MODE: 26-Tones, RU Index 0

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.495904	55.09	PK-U	27.6	-44.8	37.89	-	-	74	-36.11	136	179	H
	* 1.493978	43.92	ADR	27.6	-44.7	26.82	54	-27.18	-	-	136	179	H
2	* 3.744458	51.29	PK-U	33.4	-40.8	43.89	-	-	74	-30.11	145	103	V
	* 3.743466	39.83	ADR	33.4	-40.8	32.43	54	-21.57	-	-	145	103	V
3	* 8.179744	47.72	PK-U	35.9	-36.5	47.12	-	-	74	-26.88	4	195	H
	* 8.182037	36.19	ADR	35.9	-36.5	35.59	54	-18.41	-	-	4	195	H
4	* 12.34384	47.04	PK-U	39	-35.4	50.64	-	-	74	-23.36	109	157	H
	* 12.34146	35.47	ADR	39	-35.4	39.07	54	-14.93	-	-	109	157	H
5	* 7.676019	47.68	PK-U	35.8	-37.7	45.78	-	-	74	-28.22	344	228	V
	* 7.675525	36.36	ADR	35.8	-37.7	34.46	54	-19.54	-	-	344	228	V
6	* 15.46452	46.81	PK-U	40	-33.2	53.61	-	-	74	-20.39	310	158	V
	* 15.467949	35.59	ADR	40.1	-33.2	42.49	54	-11.51	-	-	310	158	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

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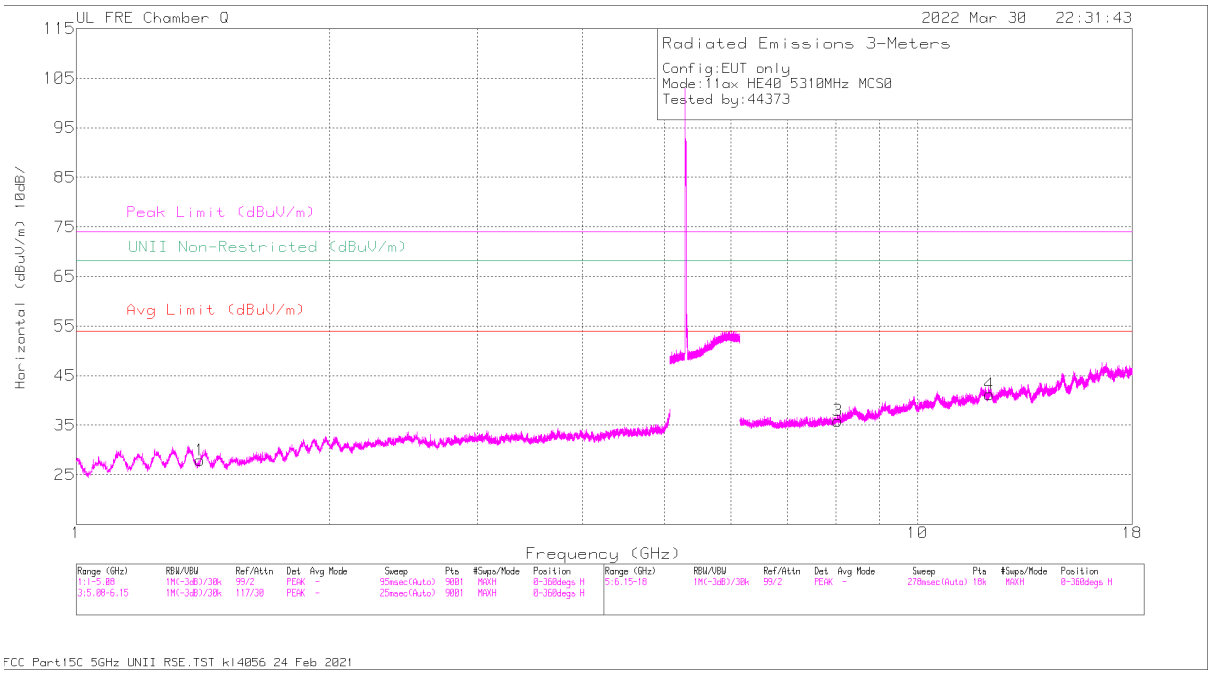
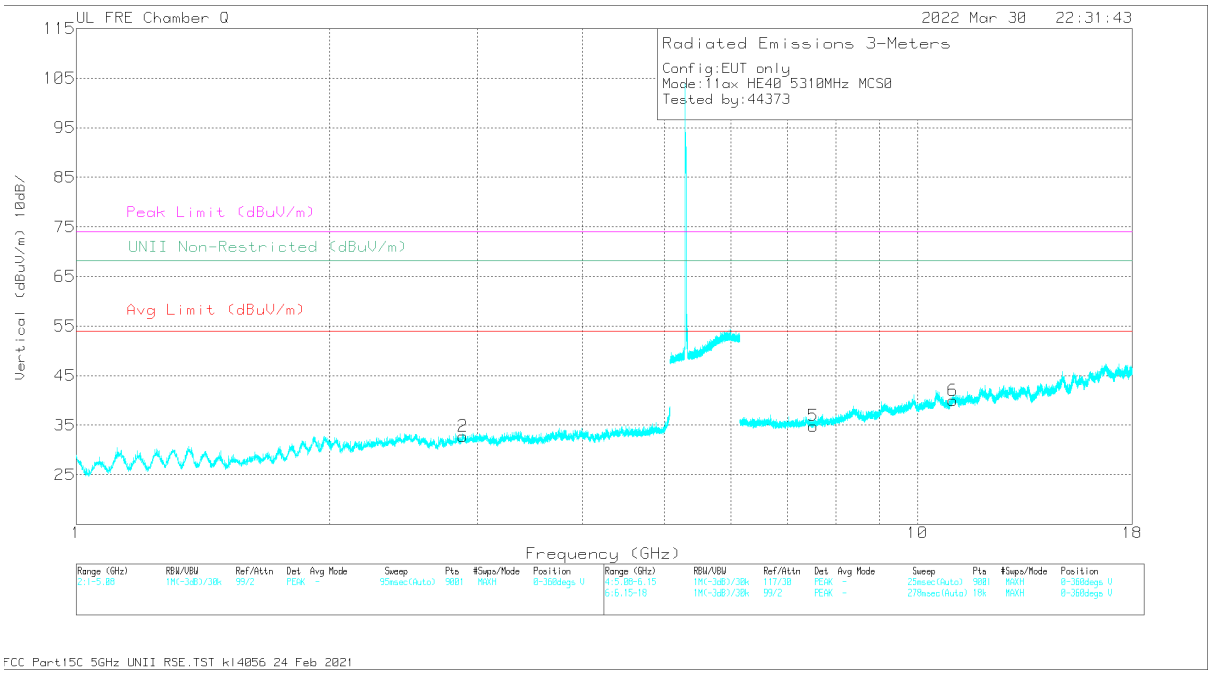
HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.404682	55.48	PK-U	28.5	-44.9	39.08	-	-	74	-34.92	311	197	H
	* 1.403546	43.21	ADR	28.5	-44.8	26.91	54	-27.09	-	-	311	197	H
2	* 2.882495	53.67	PK-U	32.4	-43.3	42.77	-	-	74	-31.23	268	227	V
	* 2.883707	42.13	ADR	32.4	-43.3	31.23	54	-22.77	-	-	268	227	V
3	* 8.040337	47.98	PK-U	35.8	-36.9	46.88	-	-	74	-27.12	246	141	H
	* 8.041819	36.32	ADR	35.8	-36.9	35.22	54	-18.78	-	-	246	141	H
4	* 12.17412	47.44	PK-U	39.1	-34.6	51.94	-	-	74	-22.06	58	221	H
	* 12.176569	35.87	ADR	39.1	-34.6	40.37	54	-13.63	-	-	58	221	H
5	* 7.517927	47.35	PK-U	35.8	-37.7	45.45	-	-	74	-28.55	346	134	V
	* 7.516118	36.13	ADR	35.8	-37.7	34.23	54	-19.77	-	-	346	134	V
6	* 11.018991	45.6	PK-U	38	-33.5	50.1	-	-	74	-23.9	248	101	V
	* 11.019122	34.01	ADR	38	-33.5	38.51	54	-15.49	-	-	248	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

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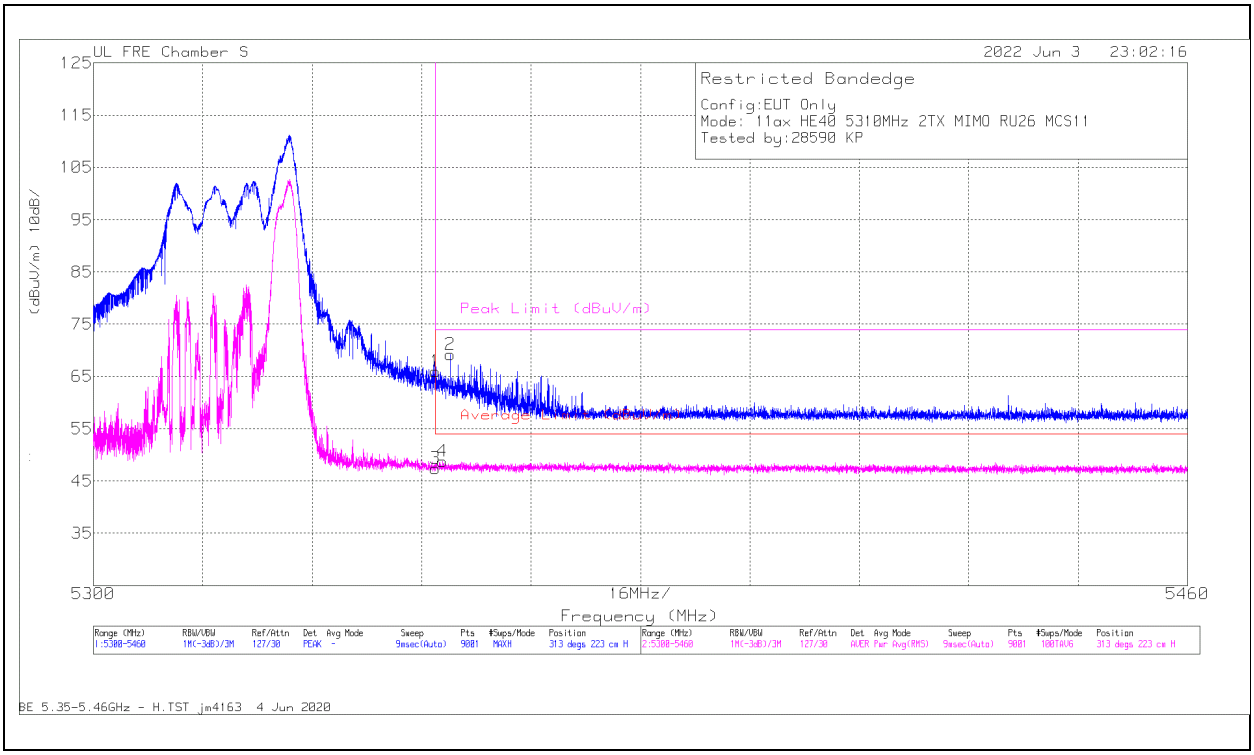
2TX Antenna 6 + Antenna 5 OFDMA MODE: 26-Tones, RU Index 17

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206807 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5350	62.52	Pk	34.6	-31.2	0	65.92	-	-	74	-8.08	313	223	H
2	5352.196	65.79	Pk	34.6	-31.2	0	69.19	-	-	74	-4.81	313	223	H
3	5350	43.57	RMS	34.6	-31.2	.46	47.43	54	-6.57	-	-	313	223	H
4	5351.023	44.86	RMS	34.6	-31.2	.46	48.72	54	-5.28	-	-	313	223	H

Pk - Peak detector
RMS - RMS detection

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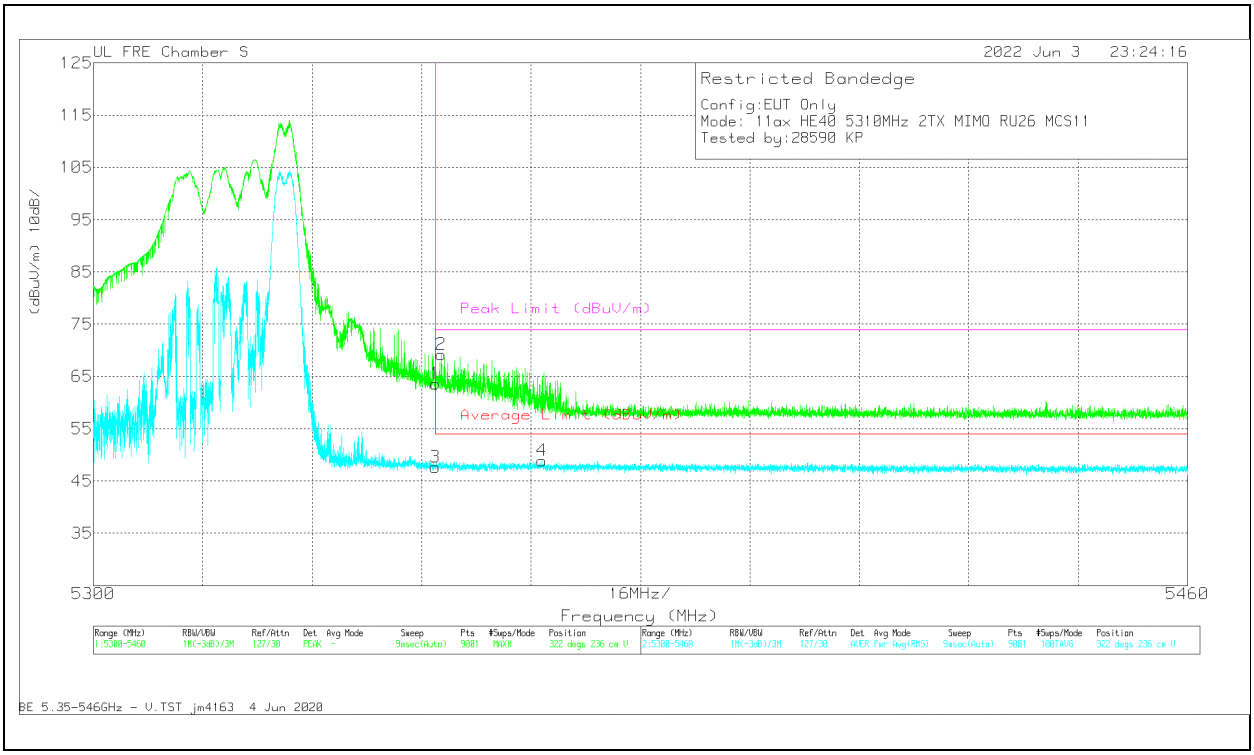
VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206807 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5350	60.23	Pk	34.6	-31.2	0	63.63	-	-	74	-10.37	322	236	V
2	5350.898	65.83	Pk	34.6	-31.2	0	69.23	-	-	74	-4.77	322	236	V
3	5350	43.8	RMS	34.6	-31.2	.46	47.66	54	-6.34	-	-	322	236	V
4	5365.619	45.01	RMS	34.6	-31.2	.46	48.87	54	-5.13	-	-	322	236	V

Pk - Peak detector
RMS - RMS detection

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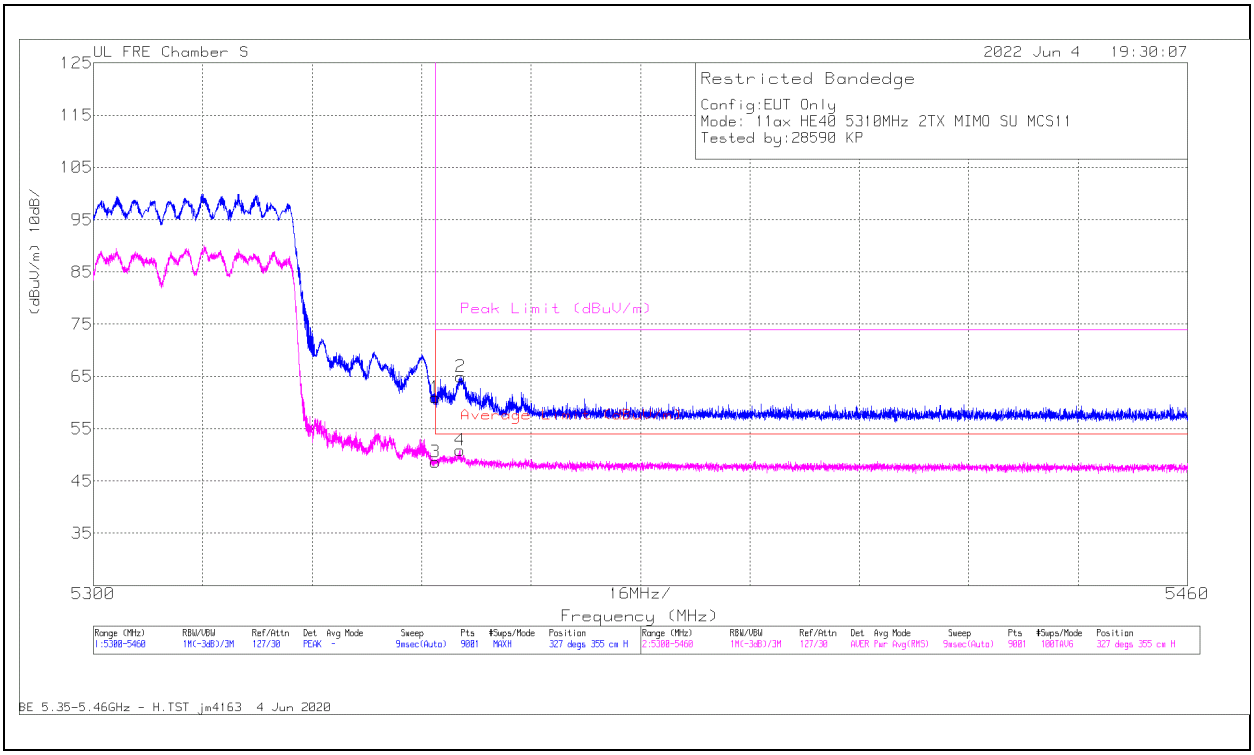
2TX Antenna 6 + Antenna 5 OFDMA MODE: SU, Single User

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206807 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5350	57.56	Pk	34.6	-31.2	0	60.96	-	-	74	-13.04	327	355	H
2	5353.69	61.52	Pk	34.6	-31.2	0	64.92	-	-	74	-9.08	327	355	H
3	5350	44.45	RMS	34.6	-31.2	.8	48.65	54	-5.35	-	-	327	355	H
4	5353.618	46.67	RMS	34.6	-31.2	.8	50.87	54	-3.13	-	-	327	355	H

Pk - Peak detector
RMS - RMS detection

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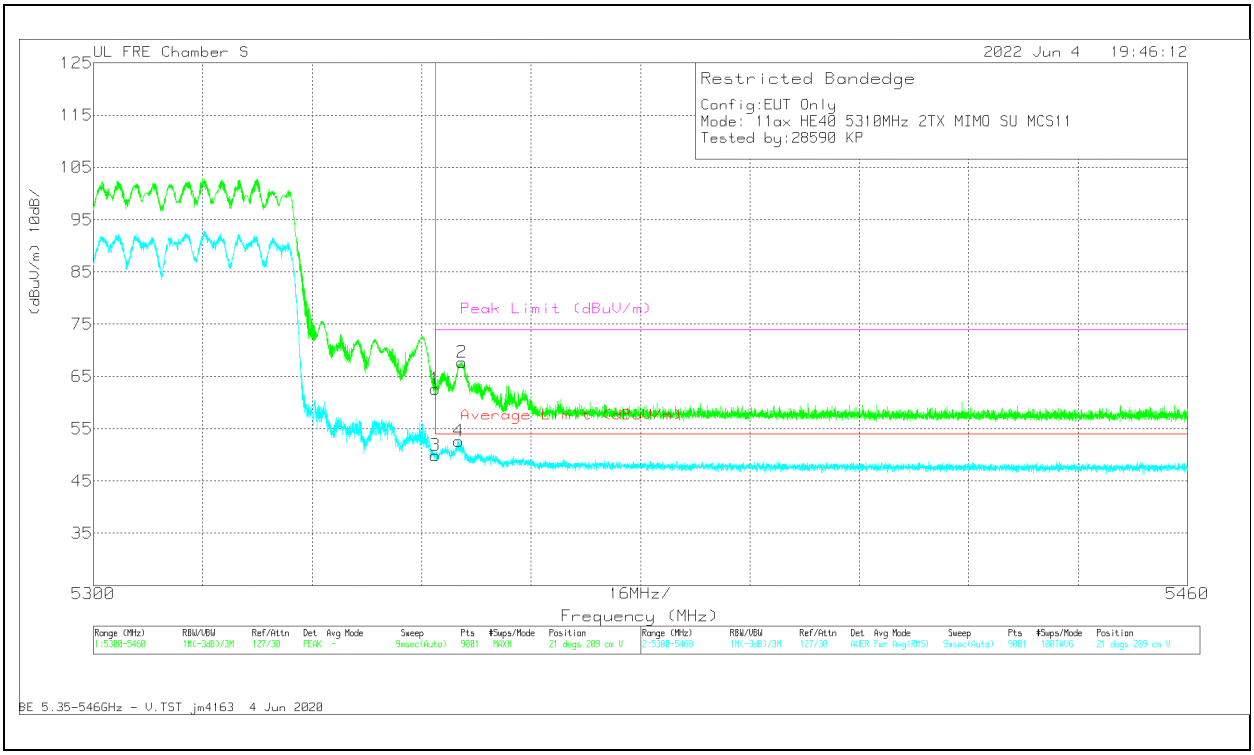
VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206807 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5350	59.25	Pk	34.6	-31.2	0	62.65	-	-	74	-11.35	21	209	V
2	5353.921	64.33	Pk	34.6	-31.2	0	67.73	-	-	74	-6.27	21	209	V
3	5350	45.71	RMS	34.6	-31.2	.8	49.91	54	-4.09	-	-	21	209	V
4	5353.423	48.44	RMS	34.6	-31.2	.8	52.64	54	-1.36	-	-	21	209	V

Pk - Peak detector
RMS - RMS detection

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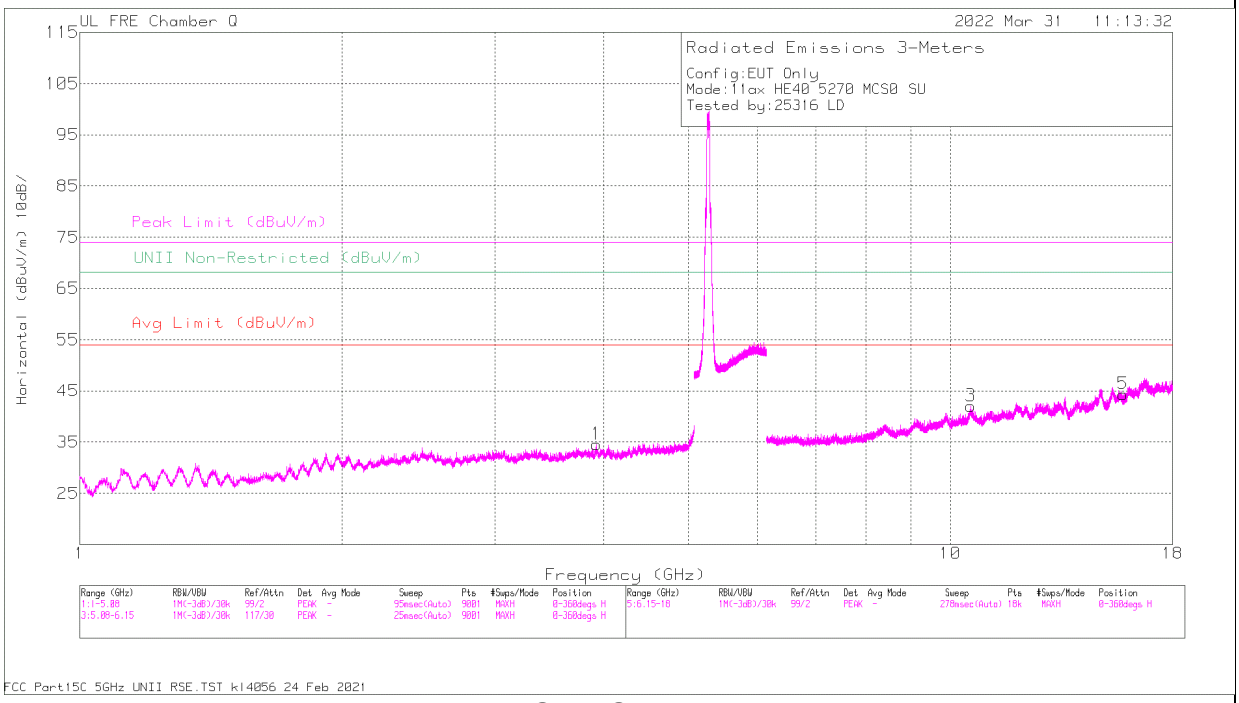
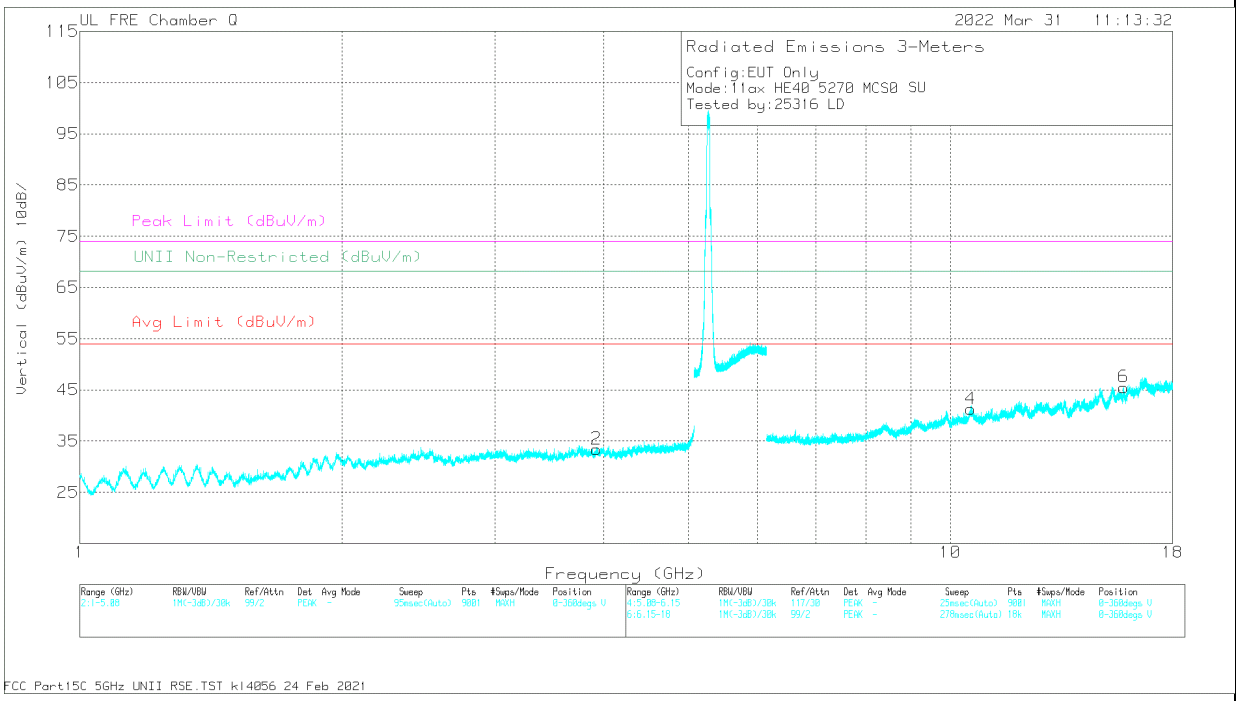
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.92171	51.26	PK-U	33.4	-40.9	0	43.76	-	-	74	-30.24	-	-	233	229	H
	3.920445	39.63	ADR	33.4	-40.9	.13	32.26	54	-21.74	-	-	-	-	233	229	H
2	3.918738	50.98	PK-U	33.4	-40.9	0	43.48	-	-	74	-30.52	-	-	141	182	V
	3.918962	39.55	ADR	33.4	-40.9	.13	32.18	54	-21.82	-	-	-	-	141	182	V
3	10.54822	47.03	PK-U	37.6	-33.9	0	50.73	-	-	-	-	68.2	-17.47	326	139	H
4	10.550357	47.84	PK-U	37.6	-33.8	0	51.64	-	-	-	-	68.2	-16.56	249	243	V
5	15.80188	47.34	PK-U	40.4	-33.7	0	54.04	-	-	74	-19.96	-	-	245	172	H
	15.800577	35.48	ADR	40.3	-33.7	.13	42.21	54	-11.79	-	-	-	-	245	172	H
6	15.808598	47.9	PK-U	40.4	-33.6	0	54.7	-	-	74	-19.3	-	-	136	104	V
	15.805317	36.04	ADR	40.4	-33.7	.13	42.87	54	-11.13	-	-	-	-	136	104	V

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

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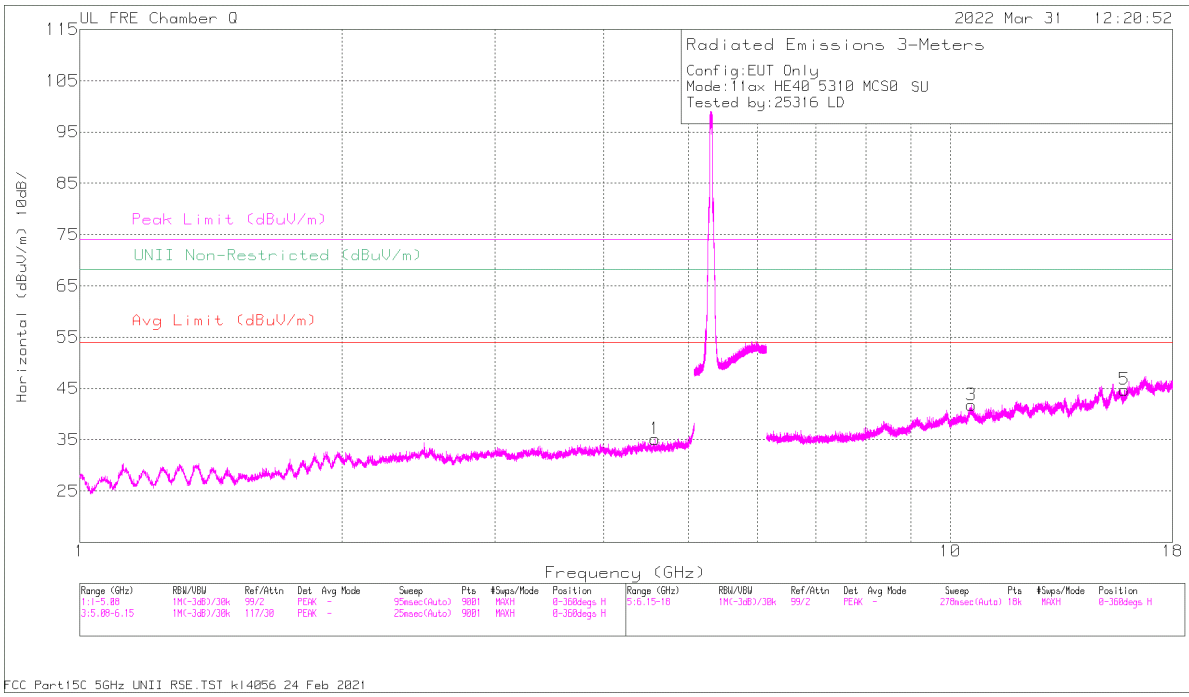
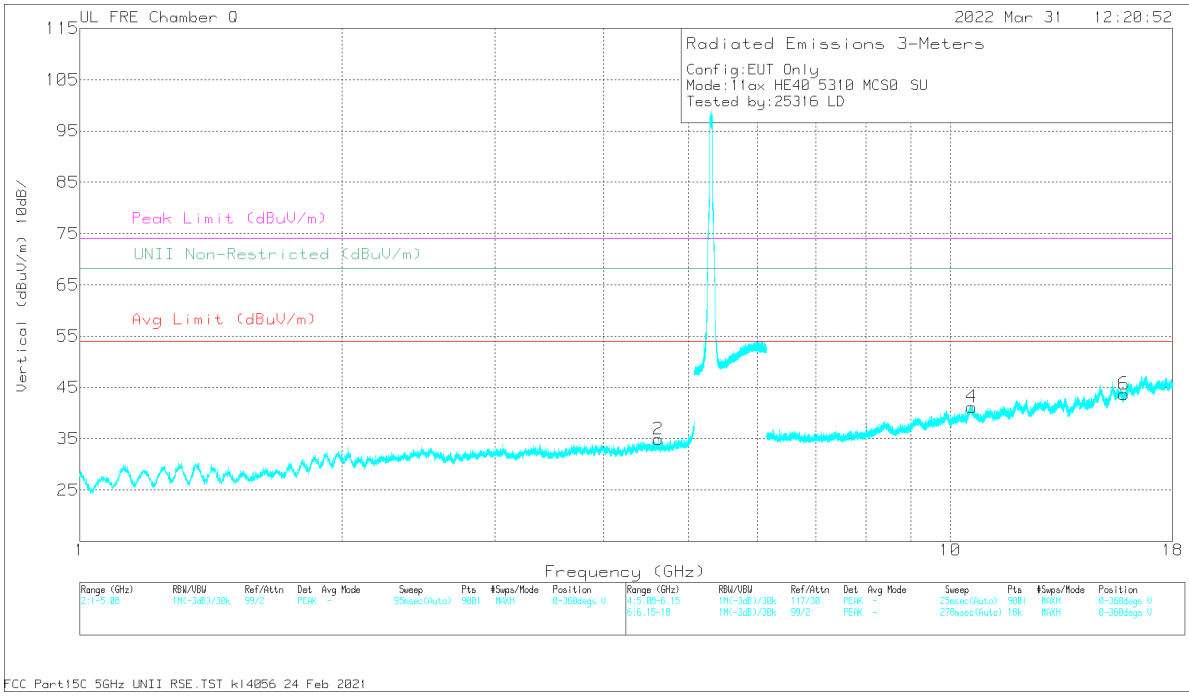
HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	4.578118	50.49	PK-U	34.1	-40.6	0	43.99	-	-	74	-30.01	-	-	279	127	H
	4.579759	38.84	ADR	34.1	-40.6	.13	32.47	54	-21.53	-	-	-	-	279	127	H
2	4.620087	51.07	PK-U	34.1	-41	0	44.17	-	-	74	-29.83	-	-	245	144	V
	4.6182	39.47	ADR	34.1	-41	.13	32.7	54	-21.3	-	-	-	-	245	144	V
3	10.571446	47.21	PK-U	37.6	-33.8	0	51.01	-	-	-	-	68.2	-17.19	246	189	H
4	10.583915	47.37	PK-U	37.6	-34.1	0	50.87	-	-	-	-	68.2	-17.33	174	214	V
5	15.838258	35.26	ADR	40.4	-33.6	.13	42.19	54	-11.81	-	-	-	-	254	172	H
	15.839212	47.05	PK-U	40.4	-33.5	0	53.95	-	-	74	-20.05	-	-	254	172	H
6	15.830643	35.32	ADR	40.3	-33.7	.13	42.05	54	-11.95	-	-	-	-	148	186	V
	15.831455	46.81	PK-U	40.3	-33.7	0	53.41	-	-	74	-20.59	-	-	148	186	V

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

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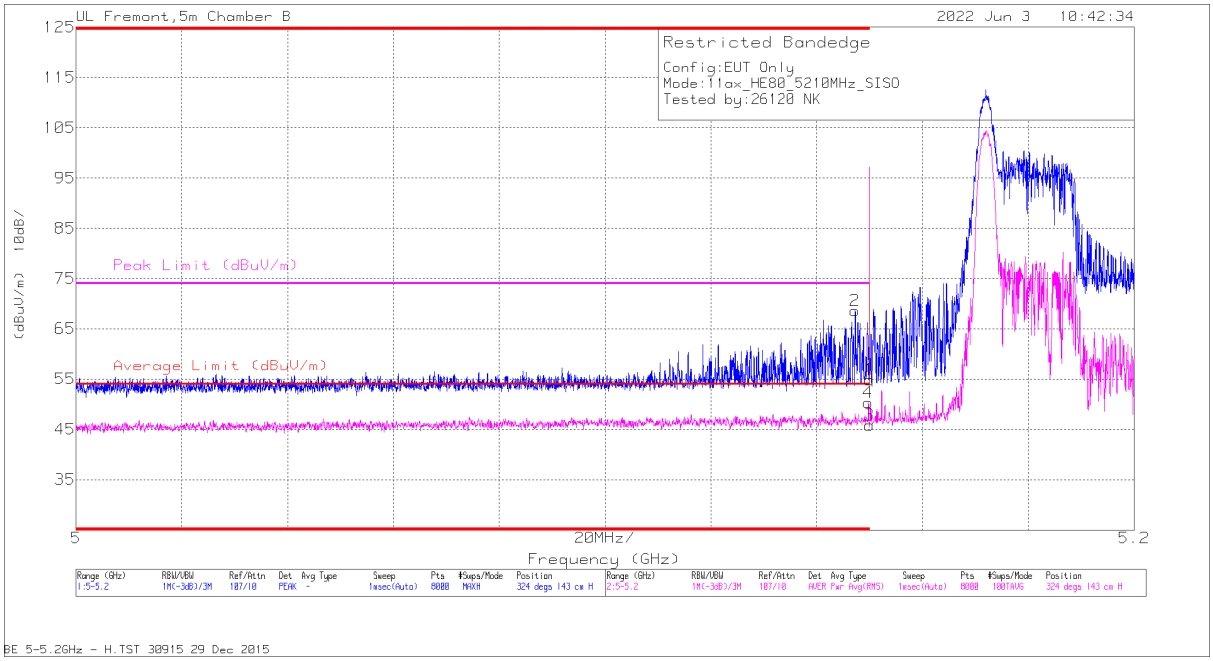
1.1.12. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.3GHz BAND

1TX Antenna 6 MODE: 26-Tones, RU Index 36

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81886 ACF (dB)	Amp/Cbl/Fltr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	40.62	Pk	34.7	-20.5	0	54.82	-	-	74	-19.18	324	143	H
2	* 5.147268	54.45	Pk	34.7	-20.5	0	68.65	-	-	74	-5.35	324	143	H
3	* 5.15	31.15	RMS	34.7	-20.5	.46	45.81	54	-8.19	-	-	324	143	H
4	* 5.149743	35.7	RMS	34.7	-20.5	.46	50.36	54	-3.64	-	-	324	143	H

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

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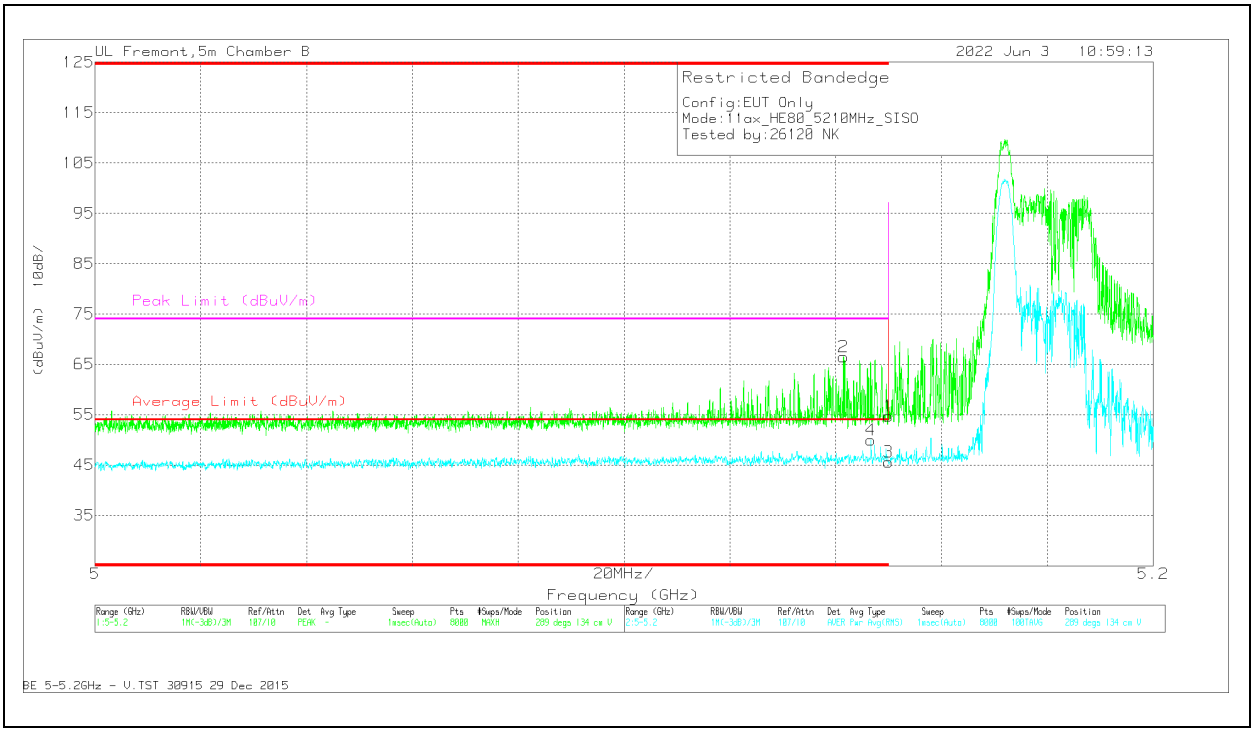
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81886 ACF (dB)	Amp/Cbl/ Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	40.49	Pk	34.7	-20.5	0	54.69	-	-	74	-19.31	289	134	V
2	* 5.141467	52.3	Pk	34.7	-20.5	0	66.5	-	-	74	-7.5	289	134	V
3	* 5.15	31.44	RMS	34.7	-20.5	.46	46.1	54	-7.9	-	-	289	134	V
4	* 5.146668	35.75	RMS	34.7	-20.5	.46	50.41	54	-3.59	-	-	289	134	V

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

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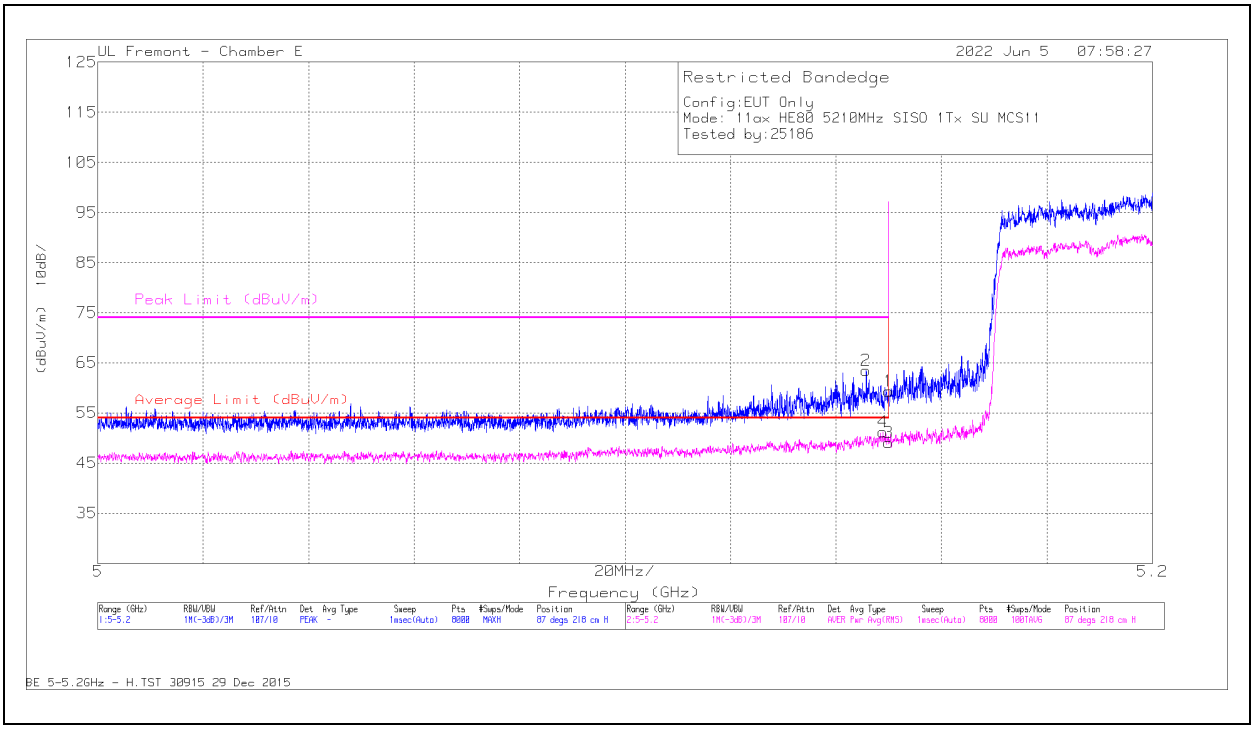
1TX Antenna 6 MODE: SU, Single User

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	46.29	Pk	34.5	-21.4	0	59.39	-	-	74	-14.61	87	218	H
2	* 5.145742	50.36	Pk	34.5	-21.4	0	63.46	-	-	74	-10.54	87	218	H
3	* 5.15	35	RMS	34.5	-21.4	.98	49.08	54	-4.92	-	-	87	218	H
4	* 5.148893	37.15	RMS	34.5	-21.4	.98	51.23	54	-2.77	-	-	87	218	H

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

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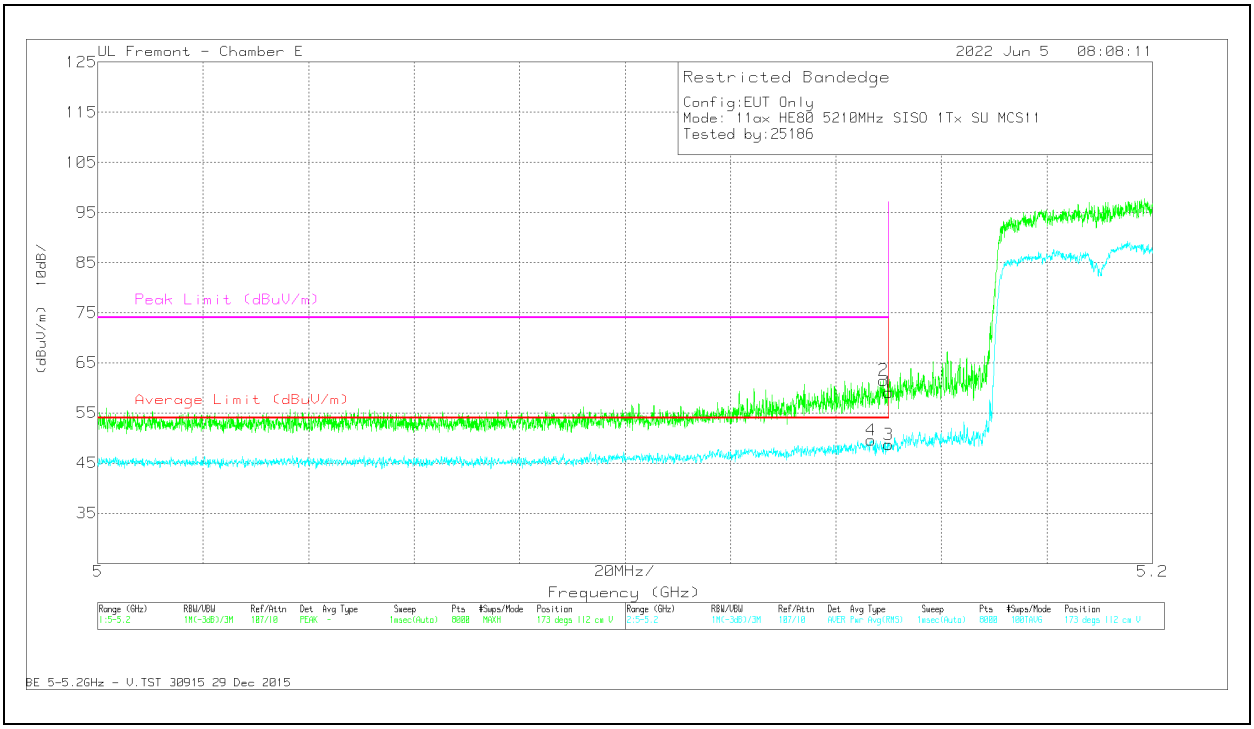
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	45.97	Pk	34.5	-21.4	0	59.07	-	-	74	-14.93	173	112	V
2	* 5.149043	48.44	Pk	34.5	-21.4	0	61.54	-	-	74	-12.46	173	112	V
3	* 5.15	35.58	RMS	34.5	-21.4	.98	48.68	54	-5.32	-	-	173	112	V
4	* 5.146668	36.53	RMS	34.5	-21.4	.98	49.63	54	-4.37	-	-	173	112	V

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

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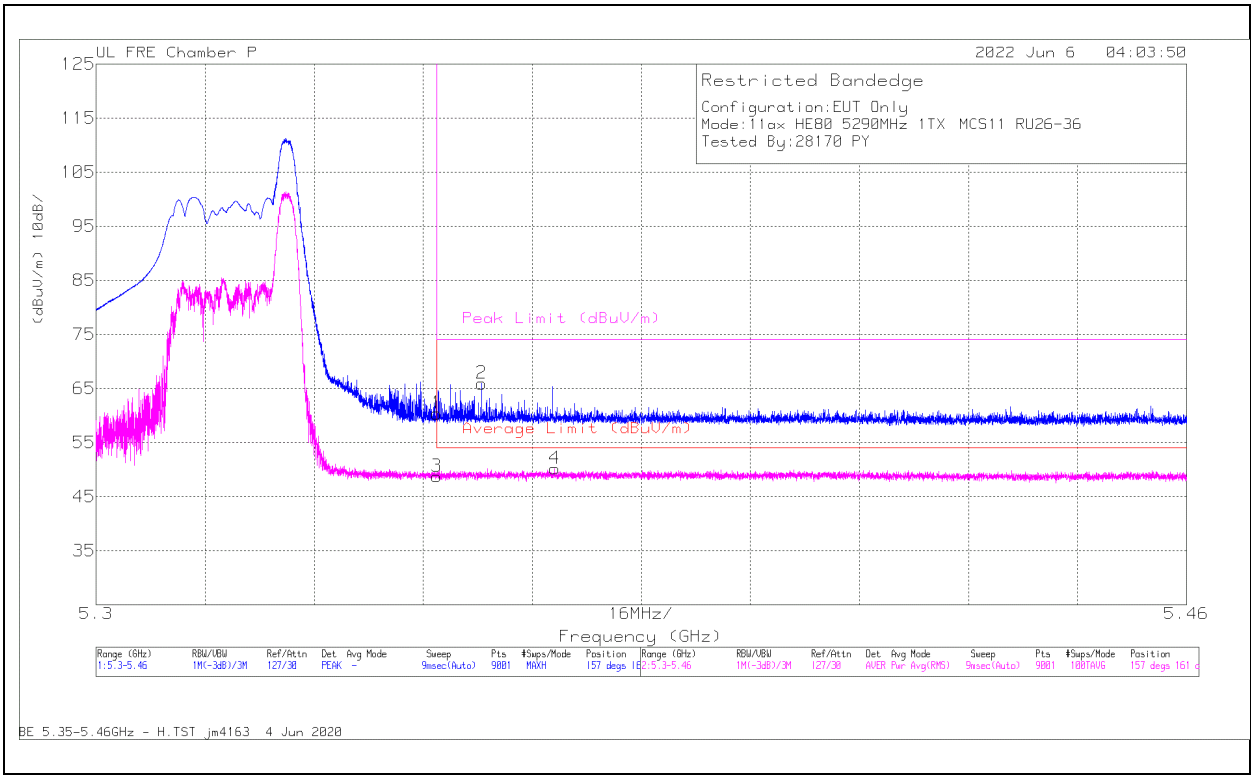
1TX Antenna 5 MODE: 26-Tones, RU Index 36

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 41112 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	55.07	Pk	34.6	-29.3	0	60.37	-	-	74	-13.63	157	161	H
2	5.356552	60.51	Pk	34.6	-29.2	0	65.91	-	-	74	-8.09	157	161	H
3	5.35	42.97	RMS	34.6	-29.3	.46	48.73	54	-5.27	-	-	157	161	H
4	5.36729	44.42	RMS	34.6	-29.3	.46	50.18	54	-3.82	-	-	157	161	H

Pk - Peak detector
RMS - RMS detection

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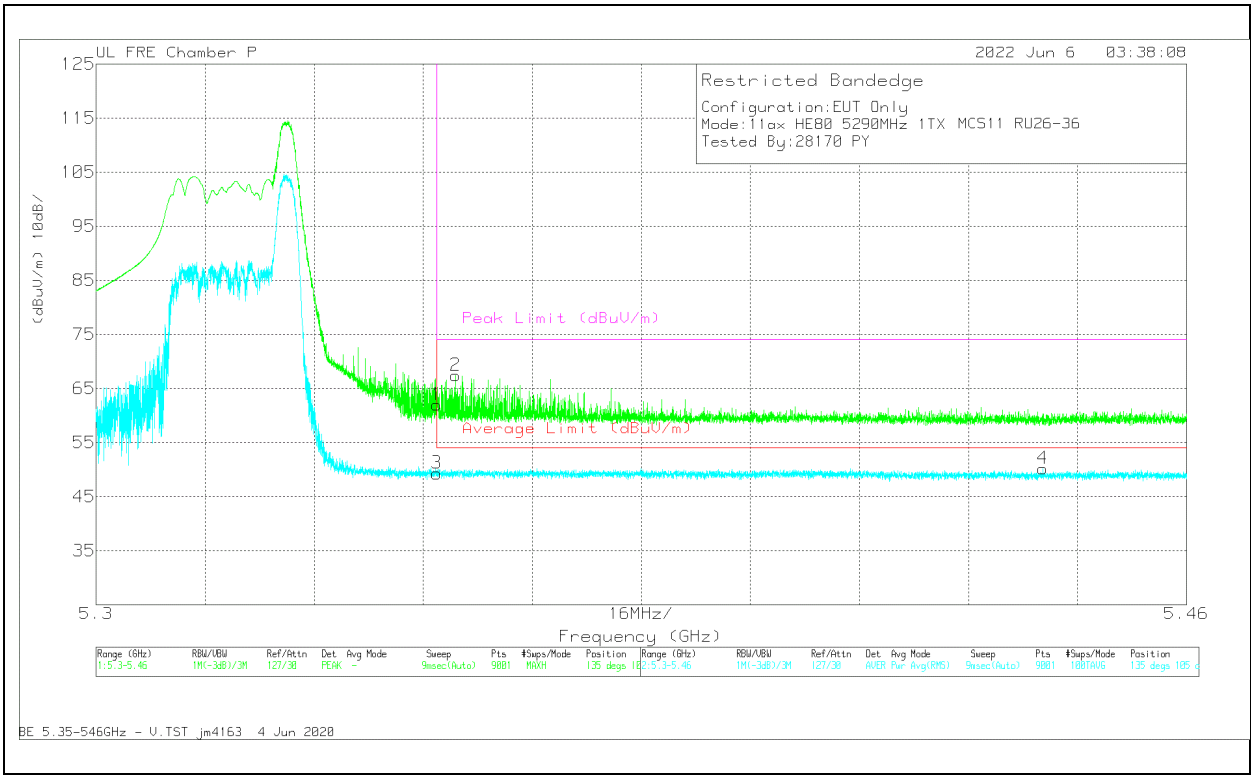
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 41112 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	56.67	Pk	34.6	-29.3	0	61.97	-	-	74	-12.03	135	105	V
2	5.352765	61.98	Pk	34.7	-29.3	0	67.38	-	-	74	-6.62	135	105	V
3	5.35	43.54	RMS	34.6	-29.3	.46	49.3	54	-4.7	-	-	135	105	V
4	5.4389	44.23	RMS	34.6	-29.1	.46	50.19	54	-3.81	-	-	135	105	V

Pk - Peak detector
RMS - RMS detection

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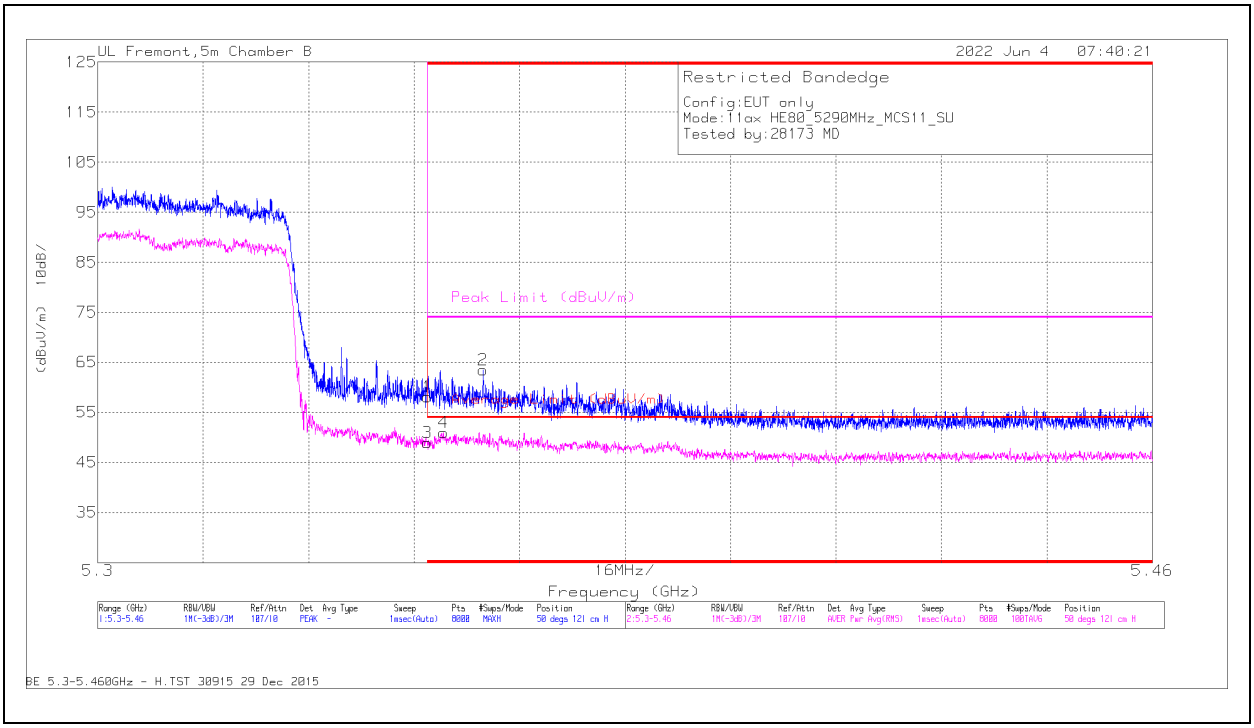
1TX Antenna 5 MODE: SU, Single User

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81886 ACF (dB)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	43.88	Pk	34.4	-20.2	0	58.08	-	-	74	-15.92	50	121	H
2	* 5.358469	49.24	Pk	34.4	-20.2	0	63.44	-	-	74	-10.56	50	121	H
3	* 5.35	33.77	RMS	34.4	-20.2	.98	48.95	54	-5.05	-	-	50	121	H
4	* 5.352448	35.93	RMS	34.4	-20.3	.98	51.01	54	-2.99	-	-	50	121	H

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

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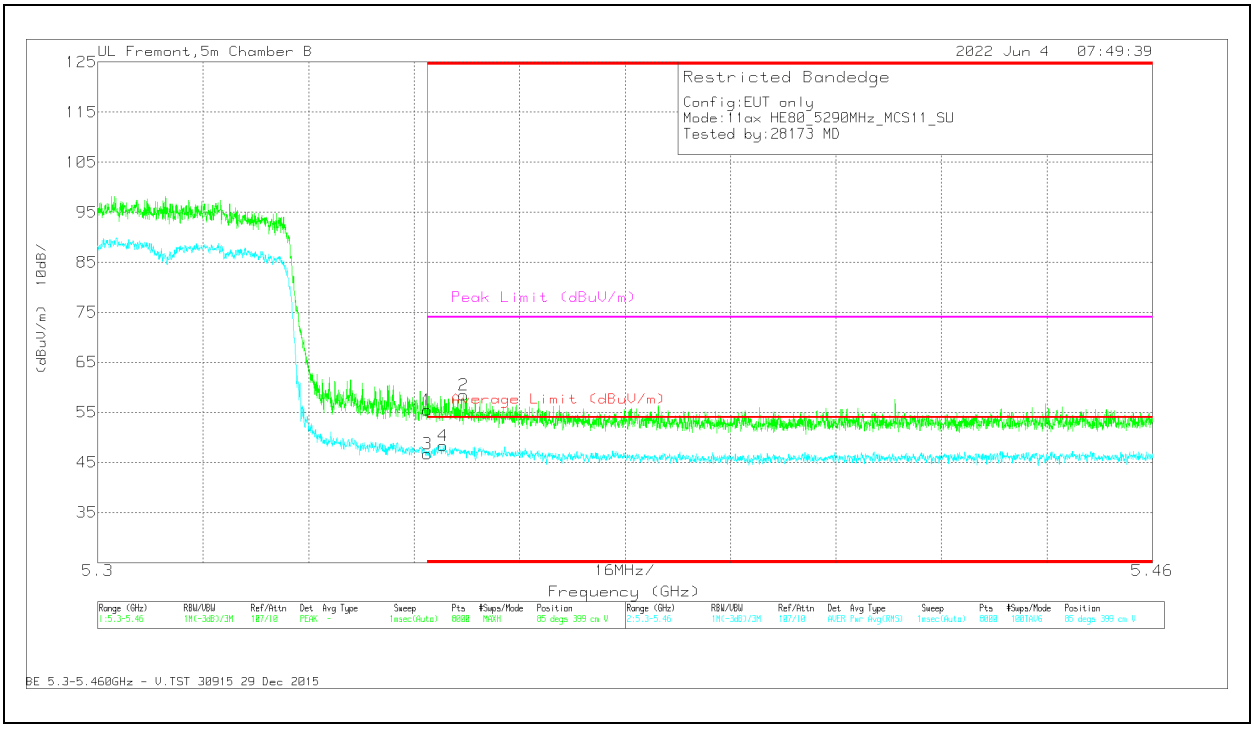
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81886 ACF (dB)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	41.22	Pk	34.4	-20.2	0	55.42	-	-	74	-18.58	85	399	V
2	* 5.355508	44.38	Pk	34.4	-20.3	0	58.48	-	-	74	-15.52	85	399	V
3	* 5.35	31.57	RMS	34.4	-20.2	.98	46.75	54	-7.25	-	-	85	399	V
4	* 5.352388	33.27	RMS	34.4	-20.3	.98	48.35	54	-5.65	-	-	85	399	V

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

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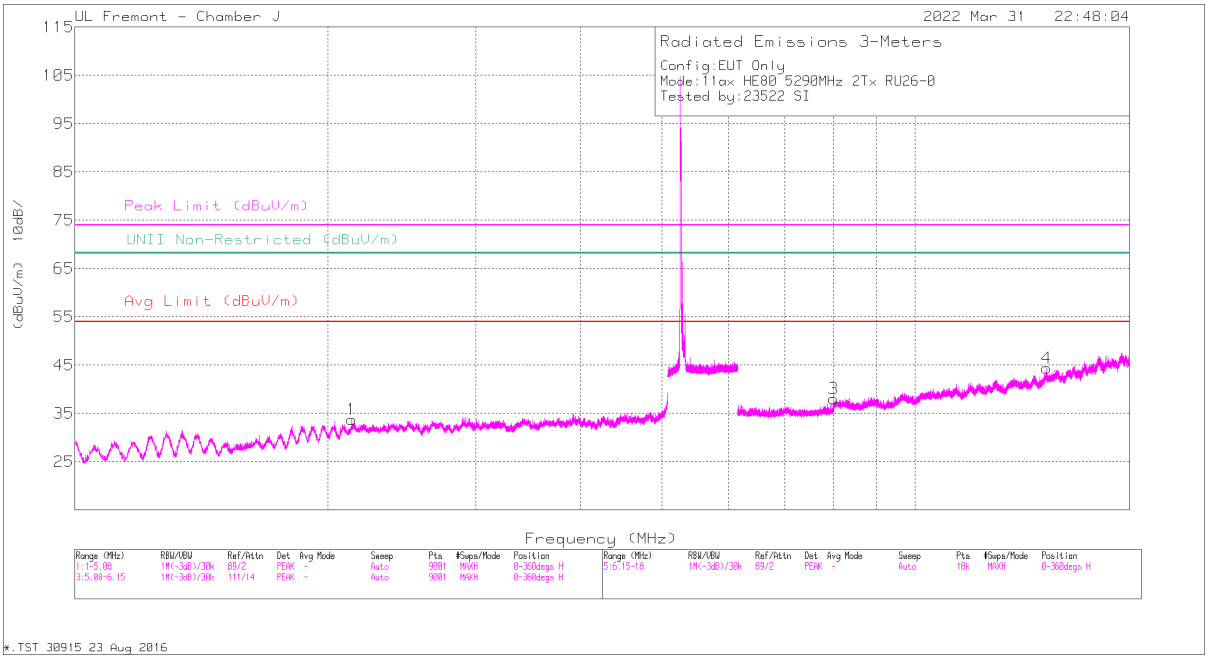
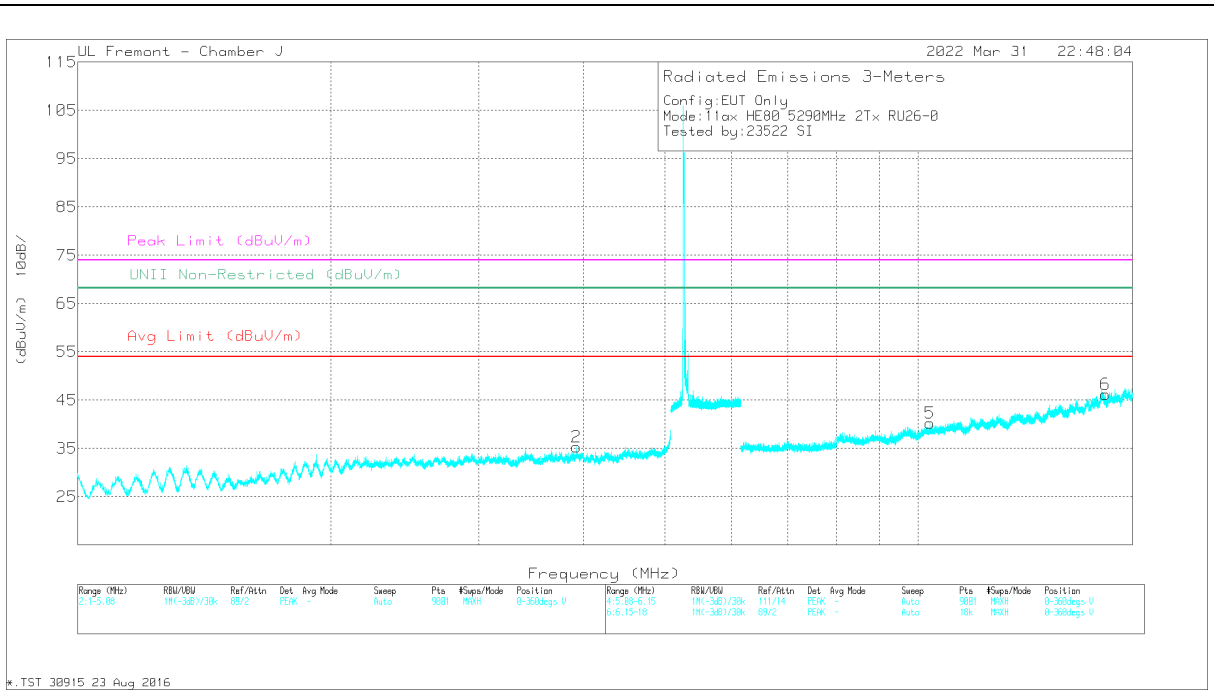
2TX Antenna 6 + Antenna 5 OFDMA MODE: 26-Tones, RU Index 0

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206806 (dB/m)	Amp/Cbl/ Fltr/Pad (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	2136.793	60.57	PK-U	31.6	-49.3	42.87	-	-	-	-	68.2	-25.33	250	134	H
2	* 3924.924	57.6	PK-U	33.7	-47.1	44.2	-	-	74	-29.8	-	-	138	353	V
	* 3924.301	46.13	ADR	33.7	-47.1	32.73	54	-21.27	-	-	-	-	138	353	V
3	7999.818	57.17	PK-U	35.8	-45.4	47.57	-	-	-	-	68.2	-20.63	154	168	H
4	14338.543	54.35	PK-U	39.2	-42.3	51.25	-	-	-	-	68.2	-16.95	72	171	H
5	10338.872	57.09	PK-U	37.5	-45.7	48.89	-	-	-	-	68.2	-19.31	102	269	V
6	16730.979	55.41	PK-U	41.6	-43.2	53.81	-	-	-	-	68.2	-14.39	134	262	V

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

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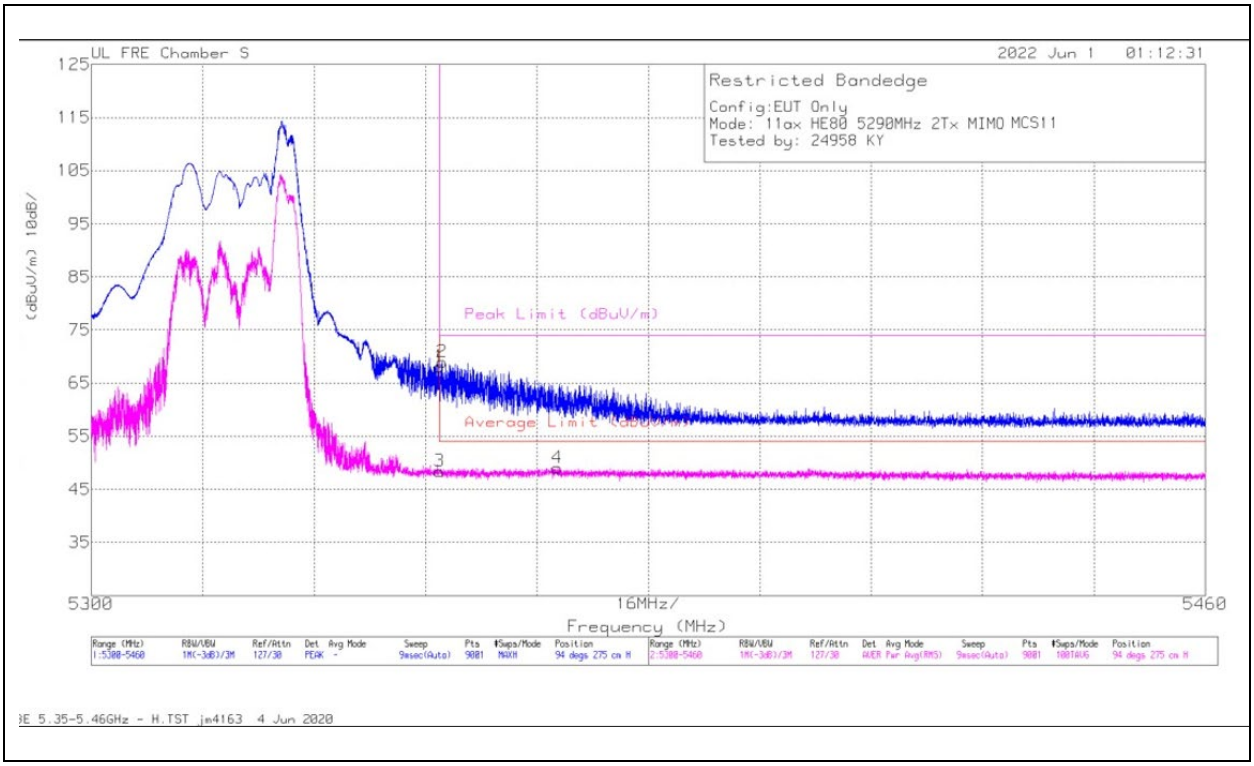
2TX Antenna 6 + Antenna 5 OFDMA MODE: 26-Tones, RU Index 36

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206807 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5350	64.66	Pk	34.6	-31.2	0	68.06	-	-	74	-5.94	94	275	H
2	5350.347	65.56	Pk	34.6	-31.2	0	68.96	-	-	74	-5.04	94	275	H
3	5350	44.52	RMS	34.6	-31.2	.46	48.38	54	-5.62	-	-	94	275	H
4	5366.881	45.19	RMS	34.6	-31.2	.46	49.05	54	-4.95	-	-	94	275	H

Pk - Peak detector
RMS - RMS detection

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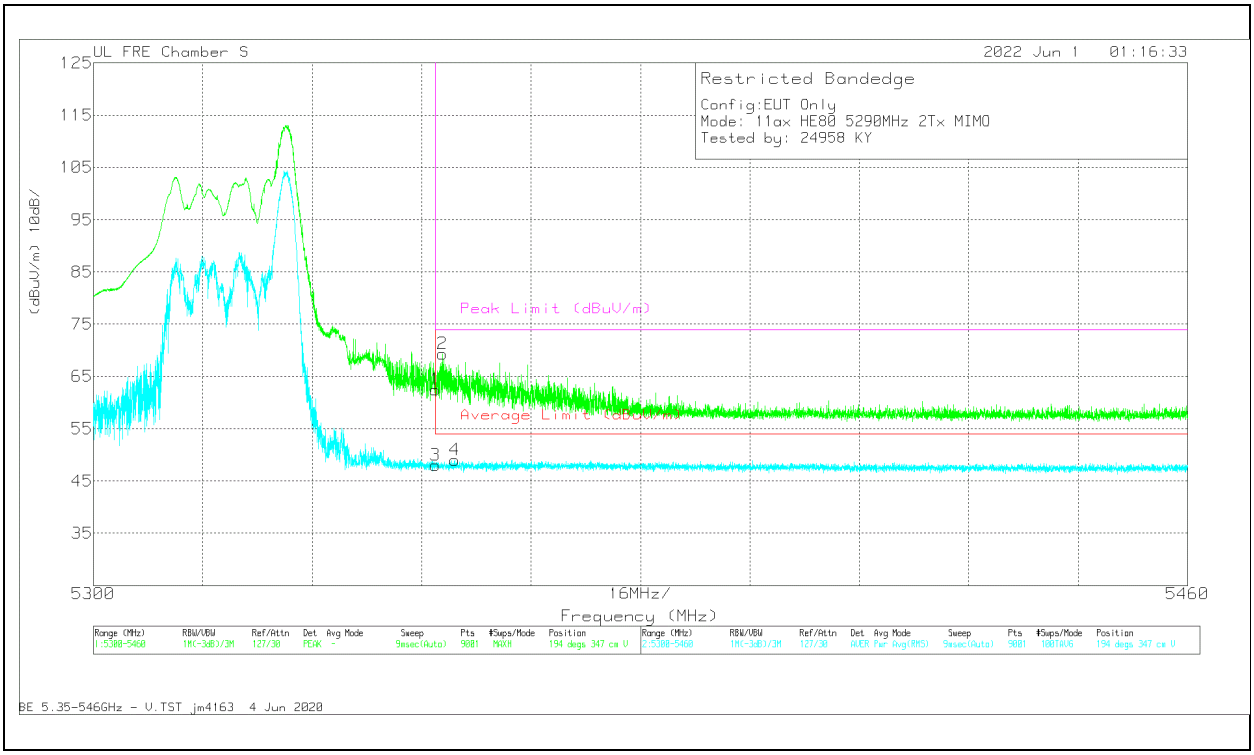
VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206807 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5350	59.02	Pk	34.6	-31.2	0	62.42	-	-	74	-11.58	194	347	V
2	5351.058	65.95	Pk	34.6	-31.2	0	69.35	-	-	74	-4.65	194	347	V
3	5350	44.15	RMS	34.6	-31.2	.46	48.01	54	-5.99	-	-	194	347	V
4	5352.836	45.1	RMS	34.6	-31.2	.46	48.96	54	-5.04	-	-	194	347	V

Pk - Peak detector
RMS - RMS detection

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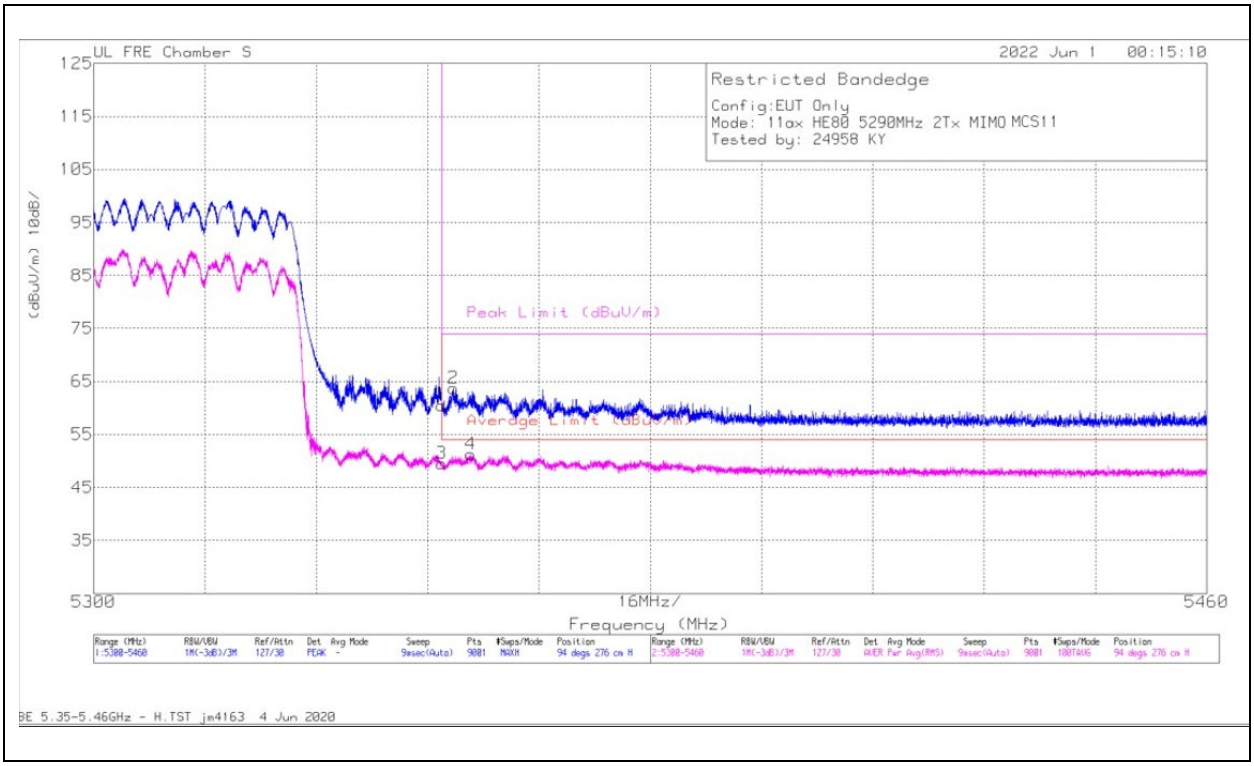
2TX Antenna 6 + Antenna 5 OFDMA MODE: SU, Single User

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206807 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5350	57.11	Pk	34.6	-31.2	0	60.51	-	-	74	-13.49	94	276	H
2	5351.734	60.29	Pk	34.6	-31.2	0	63.69	-	-	74	-10.31	94	276	H
3	5350	45.12	RMS	34.6	-31.2	.98	49.5	54	-4.5	-	-	94	276	H
4	5354.17	46.9	RMS	34.6	-31.2	.98	51.28	54	-2.72	-	-	94	276	H

Pk - Peak detector
RMS - RMS detection

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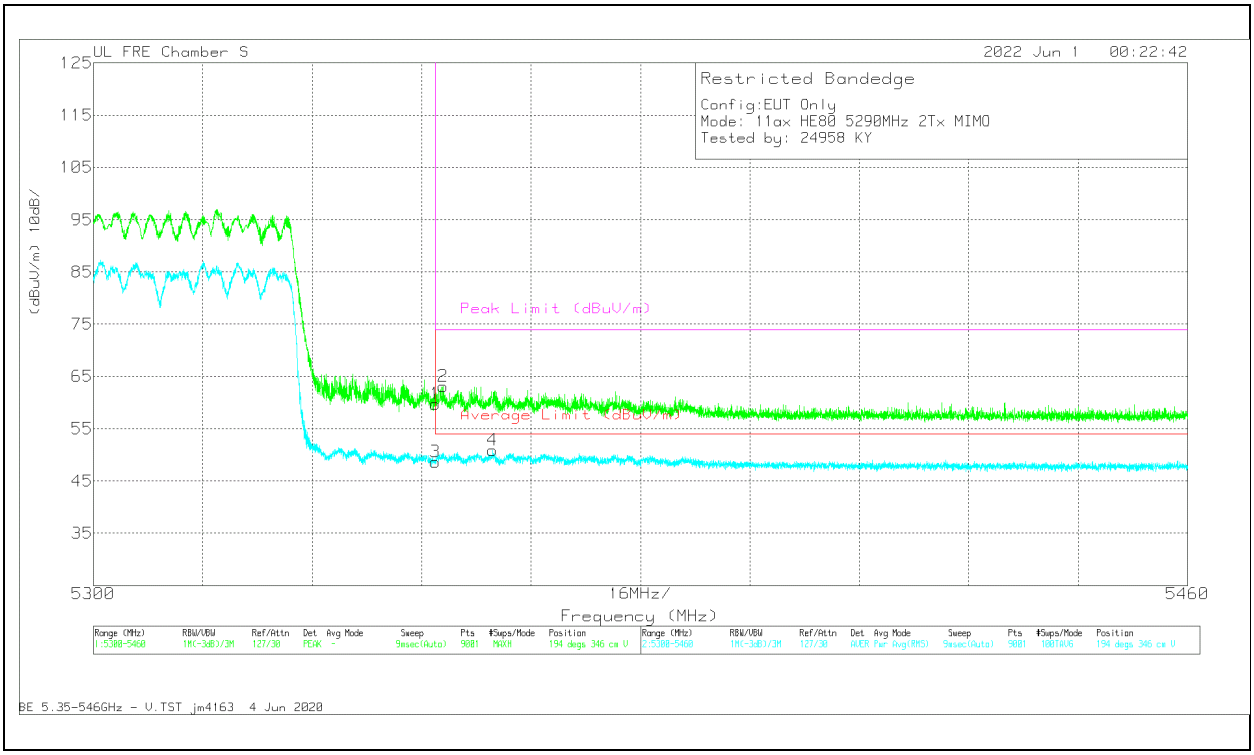
VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206807 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5350	56.3	Pk	34.6	-31.2	0	59.7	-	-	74	-14.3	194	346	V
2	5351.183	59.71	Pk	34.6	-31.2	0	63.11	-	-	74	-10.89	194	346	V
3	5350	44.24	RMS	34.6	-31.2	.98	48.62	54	-5.38	-	-	194	346	V
4	5358.401	46.46	RMS	34.6	-31.2	.98	50.84	54	-3.16	-	-	194	346	V

Pk - Peak detector
RMS - RMS detection

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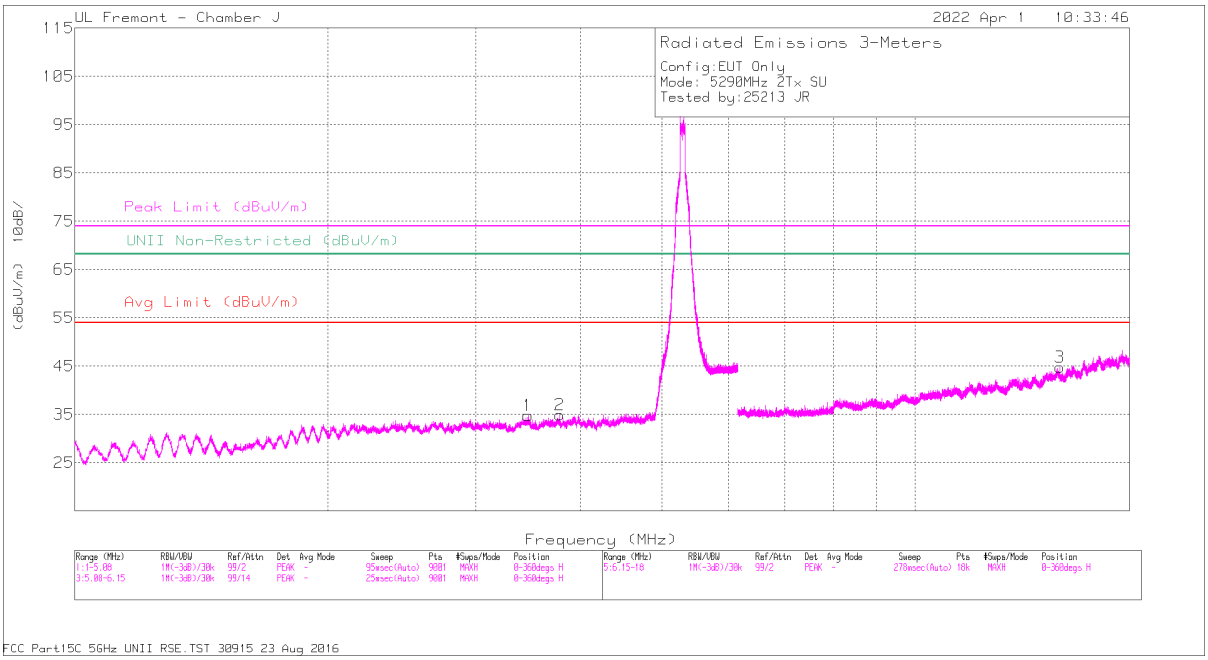
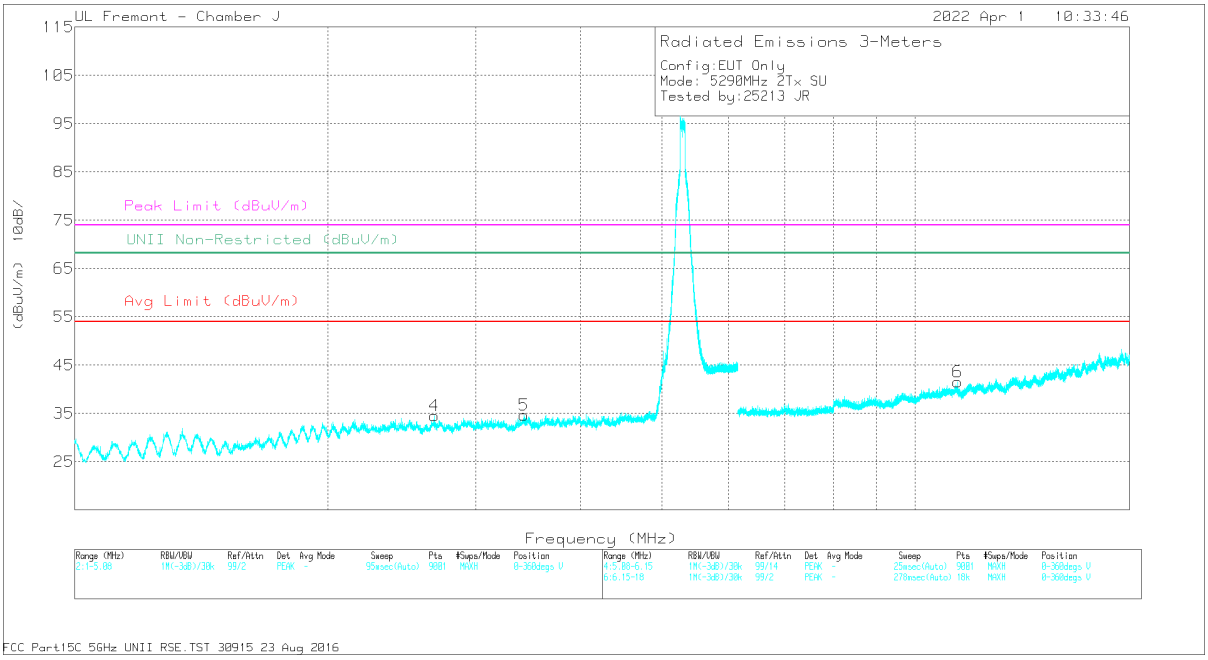
HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206806 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3465.859	57.28	PK-U	32.6	-46.1	0	43.78	-	-	-	-	68.2	-24.42	326	366	H
2	* 3774.363	56.71	PK-U	33.6	-46.8	0	43.51	-	-	74	-30.49	-	-	291	286	H
	* 3774.383	45.02	ADR	33.6	-46.8	0.26	32.08	54	-21.92	-	-	-	-	291	286	H
3	14866.252	55.14	PK-U	39.6	-42.1	0	52.64	-	-	-	-	68.2	-15.56	38	124	H
4	* 2678.971	58.51	PK-U	32.4	-48.3	0	42.61	-	-	74	-31.39	-	-	132	203	V
	* 2679.243	47.18	ADR	32.4	-48.3	0.26	31.56	54	-22.44	-	-	-	-	132	203	V
5	3424.471	57.73	PK-U	32.5	-46.6	0	43.63	-	-	-	-	68.2	-24.57	188	189	V
6	* 11249.734	56.42	PK-U	38.1	-44.1	0	50.42	-	-	74	-23.58	-	-	304	395	V
	* 11249.982	44.21	ADR	38.1	-44.1	0.26	38.47	54	-15.53	-	-	-	-	304	395	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

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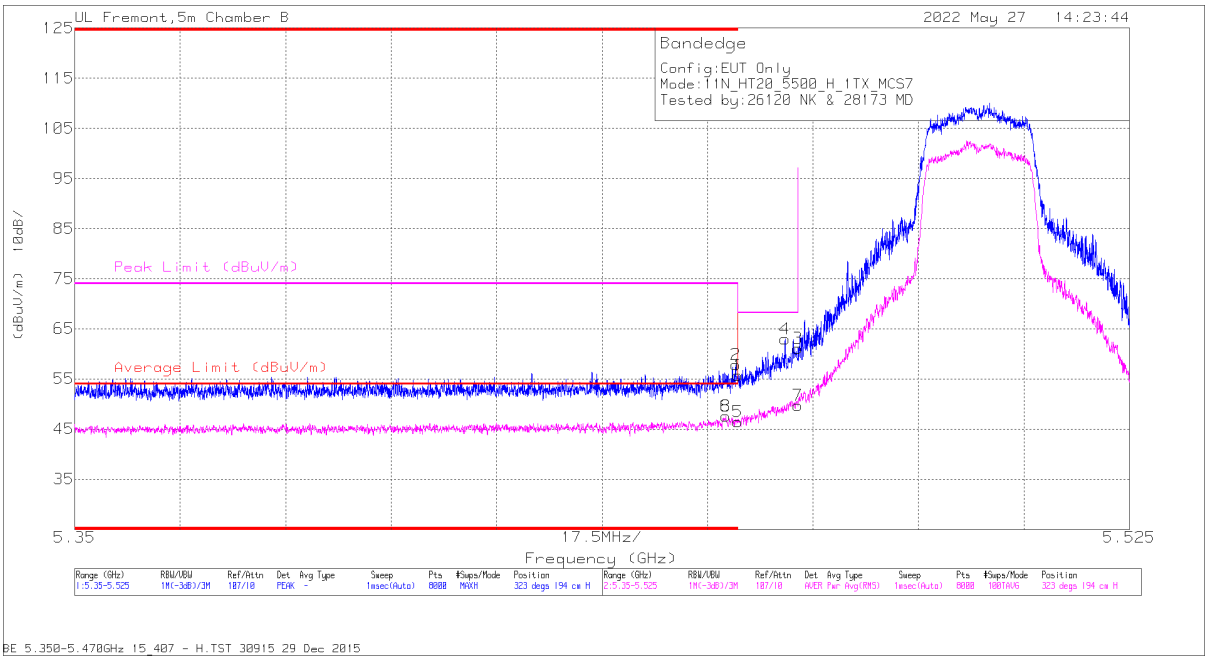
1.1.13. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.6 GHz BAND

1TX Antenna 6

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 81886 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	41.41	Pk	34.6	-20.3	0	55.71	-	-	68.2	-12.49	323	194	H
2	* 5.459653	43.6	Pk	34.6	-20.3	0	57.9	-	-	74	-16.1	323	194	H
3	5.47	46.83	Pk	34.6	-20.3	0	61.13	-	-	68.2	-7.07	323	194	H
4	5.467857	48.6	Pk	34.7	-20.3	0	63	-	-	68.2	-5.2	323	194	H
5	* 5.46	31.76	RMS	34.6	-20.3	.6	46.66	54	-7.34	-	-	323	194	H
6	* 5.458034	32.91	RMS	34.6	-20.3	.6	47.81	54	-6.19	-	-	323	194	H
7	5.47	35.02	RMS	34.6	-20.3	.6	49.92	-	-	-	-	323	194	H
8	* 5.458034	32.91	RMS	34.6	-20.3	.6	47.81	54	-6.19	-	-	323	194	H

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

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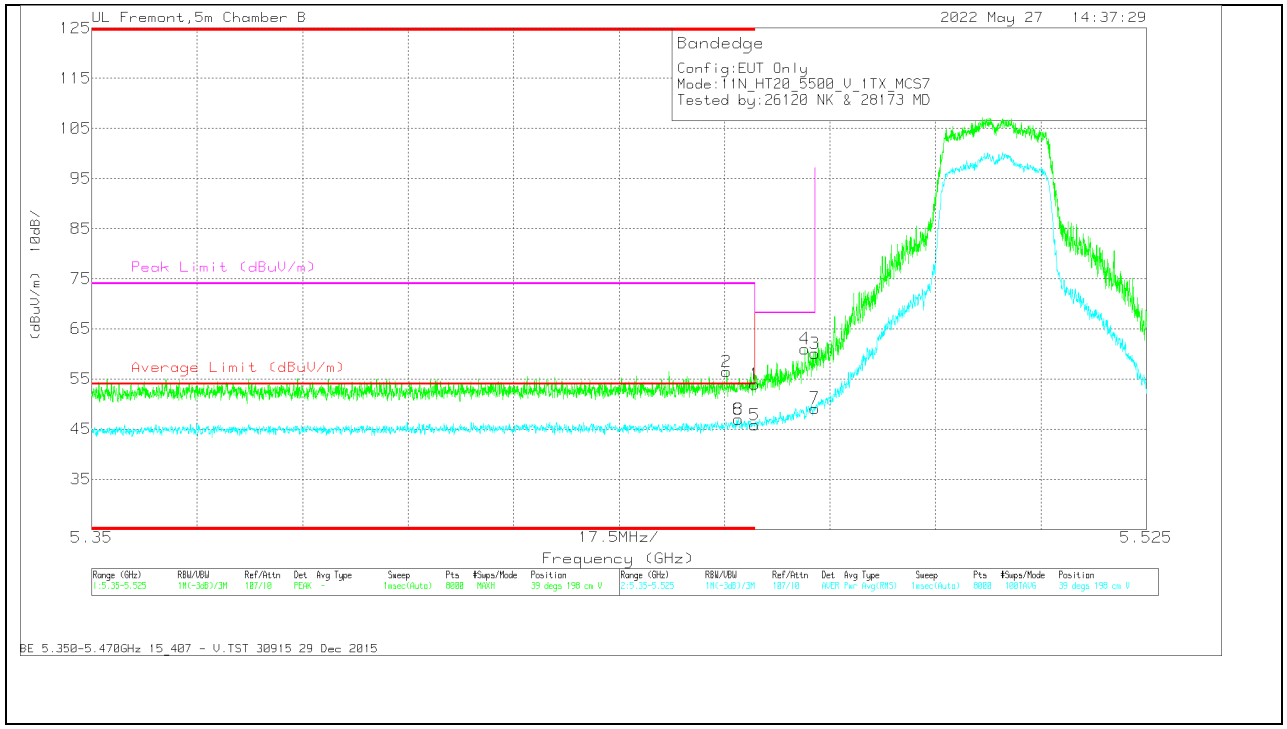
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 81886 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	39.71	Pk	34.6	-20.3	0	54.01	-	-	68.2	-14.19	39	198	V
2	* 5.455343	42.23	Pk	34.6	-20.3	0	56.53	-	-	74	-17.47	39	198	V
5	* 5.46	31.1	RMS	34.6	-20.3	.6	46.00	54	-8.00	-	-	39	198	V
6	* 5.45729	32.25	RMS	34.6	-20.3	.6	47.15	54	-6.85	-	-	39	198	V
8	* 5.45729	32.25	RMS	34.6	-20.3	.6	47.15	54	-6.85	-	-	39	198	V
4	5.468316	46.64	Pk	34.7	-20.3	0	61.04	-	-	68.2	-7.16	39	198	V
3	5.47	45.75	Pk	34.6	-20.3	0	60.05	-	-	68.2	-8.15	39	198	V
7	5.47	34.44	RMS	34.6	-20.3	.6	49.34	-	-	-	-	39	198	V

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

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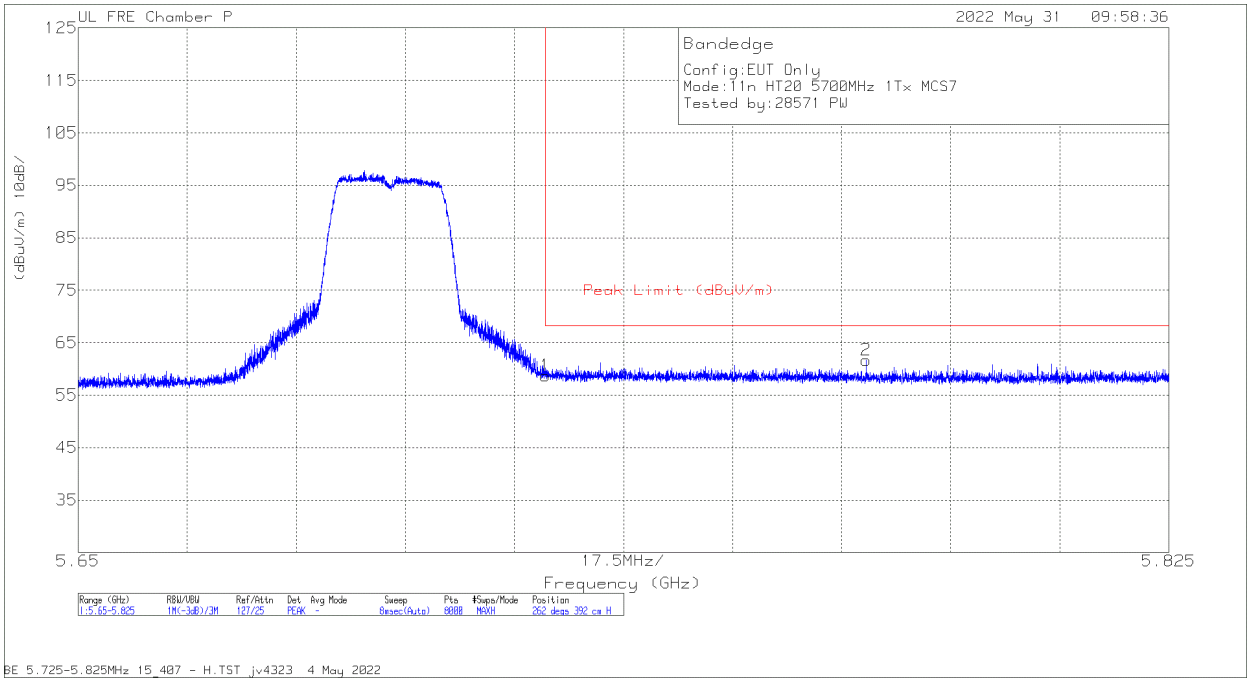
BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 41112 (dB/m)	Amp/Cbl/Fltr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	52.01	Pk	35.1	-28.4	0	58.71	68.2	-9.49	262	392	H
2	5.776411	54.93	Pk	35.1	-28.4	0	61.63	68.2	-6.57	262	392	H

Pk - Peak detector

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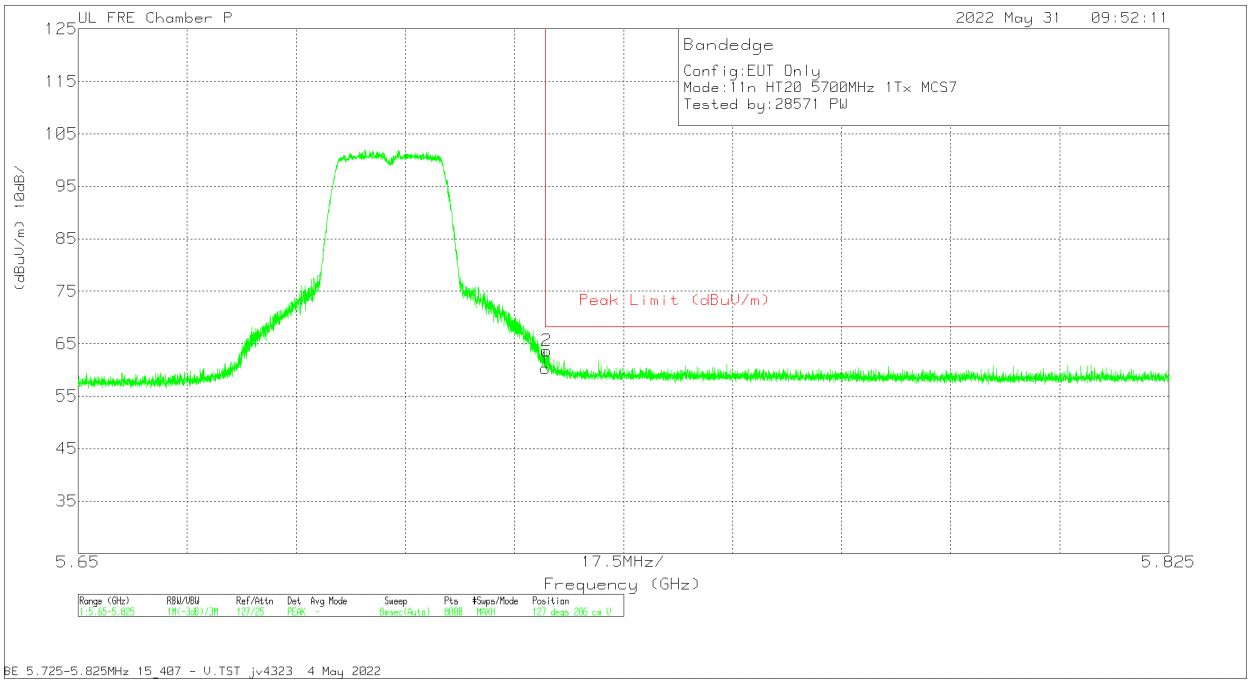
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 41112 (dB/m)	Amp/Cbl/Fltr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	53.67	Pk	35.1	-28.4	0	60.37	68.2	-7.83	127	206	V
2	5.725151	56.96	Pk	35.1	-28.4	0	63.66	68.2	-4.54	127	206	V

Pk - Peak detector

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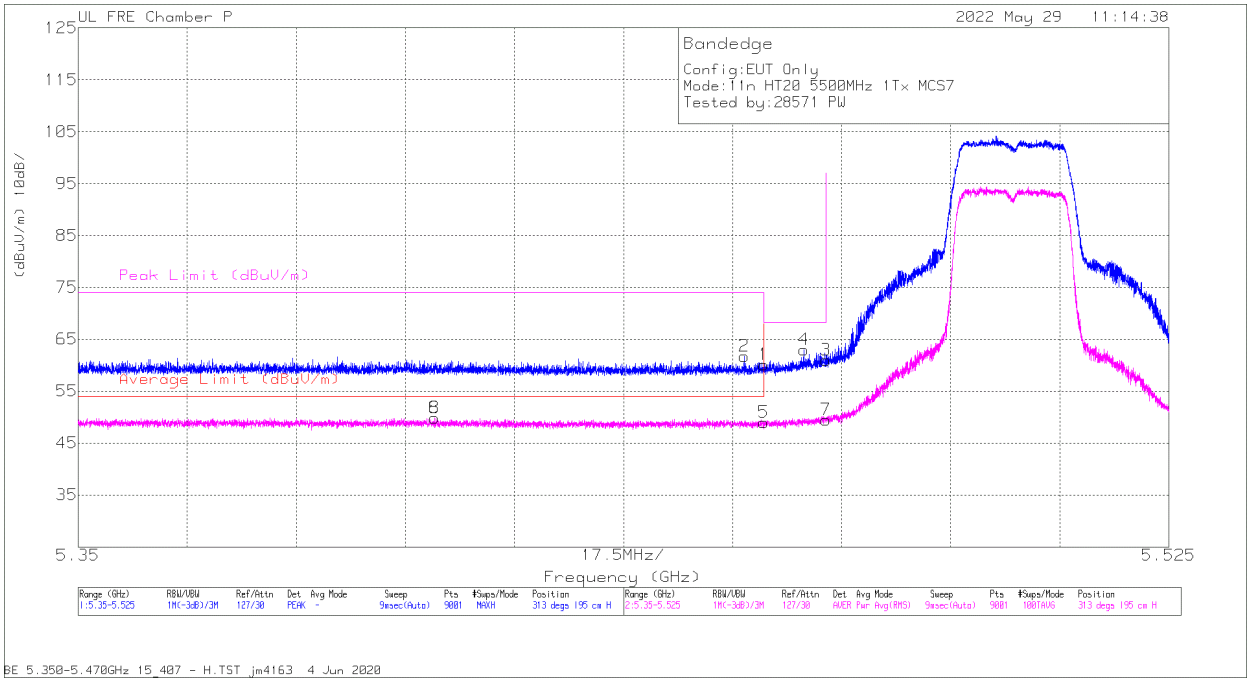
1TX Antenna 5

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 41112 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.46	54.54	Pk	34.6	-29	0	60.14	-	-	68.2	-8.06	313	195	H
2	5.456845	56.09	Pk	34.6	-29	0	61.69	-	-	74	-12.31	313	195	H
3	5.47	55.41	Pk	34.6	-29	0	61.01	-	-	68.2	-7.19	313	195	H
4	5.466411	57.36	Pk	34.6	-29	0	62.96	-	-	68.2	-5.24	313	195	H
5	5.46	42.93	RMS	34.6	-29	.6	49.13	54	-4.87	-	-	313	195	H
6	5.407146	43.97	RMS	34.6	-29.1	.6	50.07	54	-3.93	-	-	313	195	H
7	5.47	43.43	RMS	34.6	-29	.6	49.63	-	-	-	-	313	195	H
8	5.407146	43.97	RMS	34.6	-29.1	.6	50.07	54	-3.93	-	-	313	195	H

Pk - Peak detector
RMS - RMS detection

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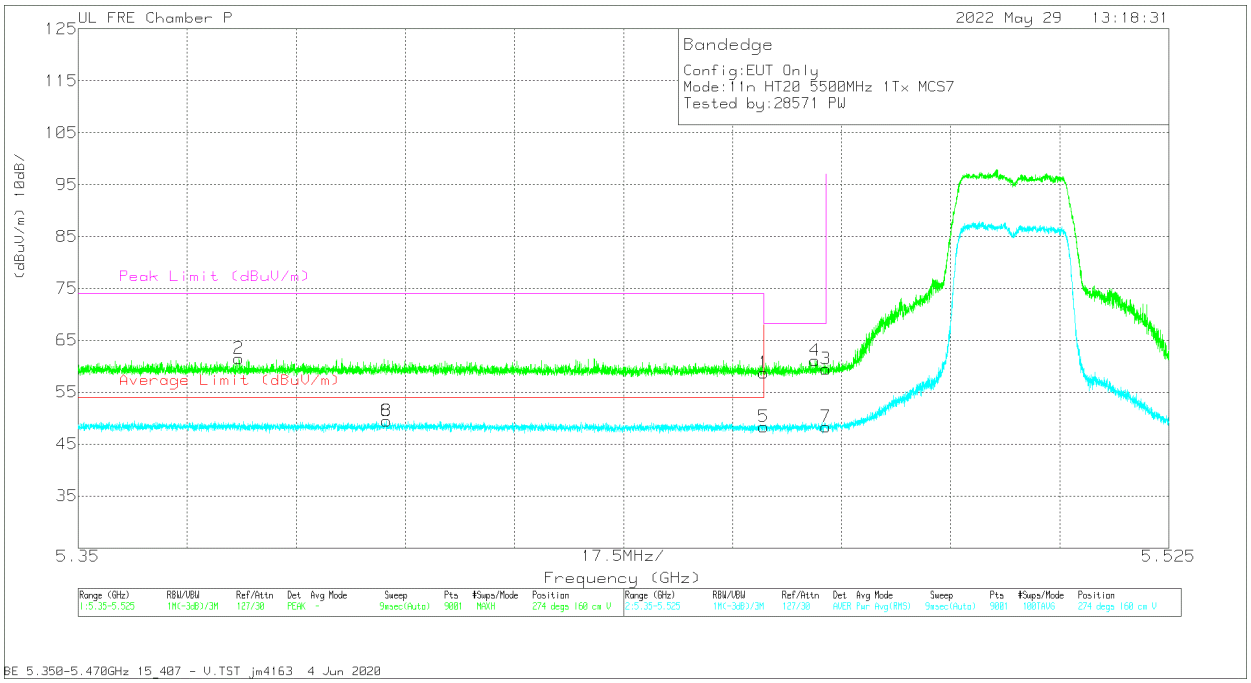
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 41112 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.46	53.16	Pk	34.6	-29	0	58.76	-	-	68.2	-9.44	274	160	V
2	5.375802	56.19	Pk	34.6	-29.3	0	61.49	-	-	74	-12.51	274	160	V
3	5.47	53.91	Pk	34.6	-29	0	59.51	-	-	68.2	-8.69	274	160	V
4	5.468258	55.47	Pk	34.6	-29	0	61.07	-	-	68.2	-7.13	274	160	V
5	5.46	42.35	RMS	34.6	-29	.6	48.55	54	-5.45	-	-	274	160	V
6	5.399485	43.7	RMS	34.6	-29.2	.6	49.70	54	-4.30	-	-	274	160	V
7	5.47	42.37	RMS	34.6	-29	.6	48.57	-	-	-	-	274	160	V
8	5.399485	43.7	RMS	34.6	-29.2	.6	49.70	54	-4.30	-	-	274	160	V

Pk - Peak detector
RMS - RMS detection

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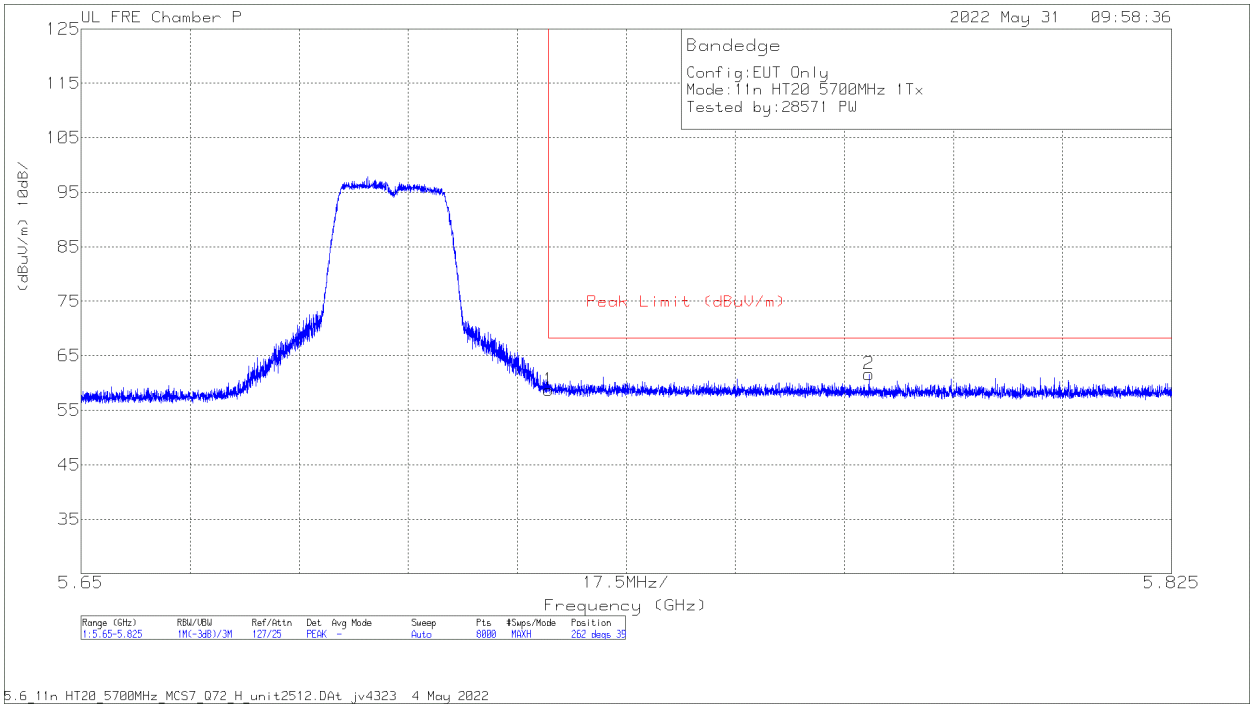
BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 41112 (dB/m)	Amp/Cbl/Fltr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	52.01	Pk	35.1	-28.4	0	58.71	68.2	-9.49	262	392	H
2	5.776411	54.93	Pk	35.1	-28.4	0	61.63	68.2	-6.57	262	392	H

Pk - Peak detector

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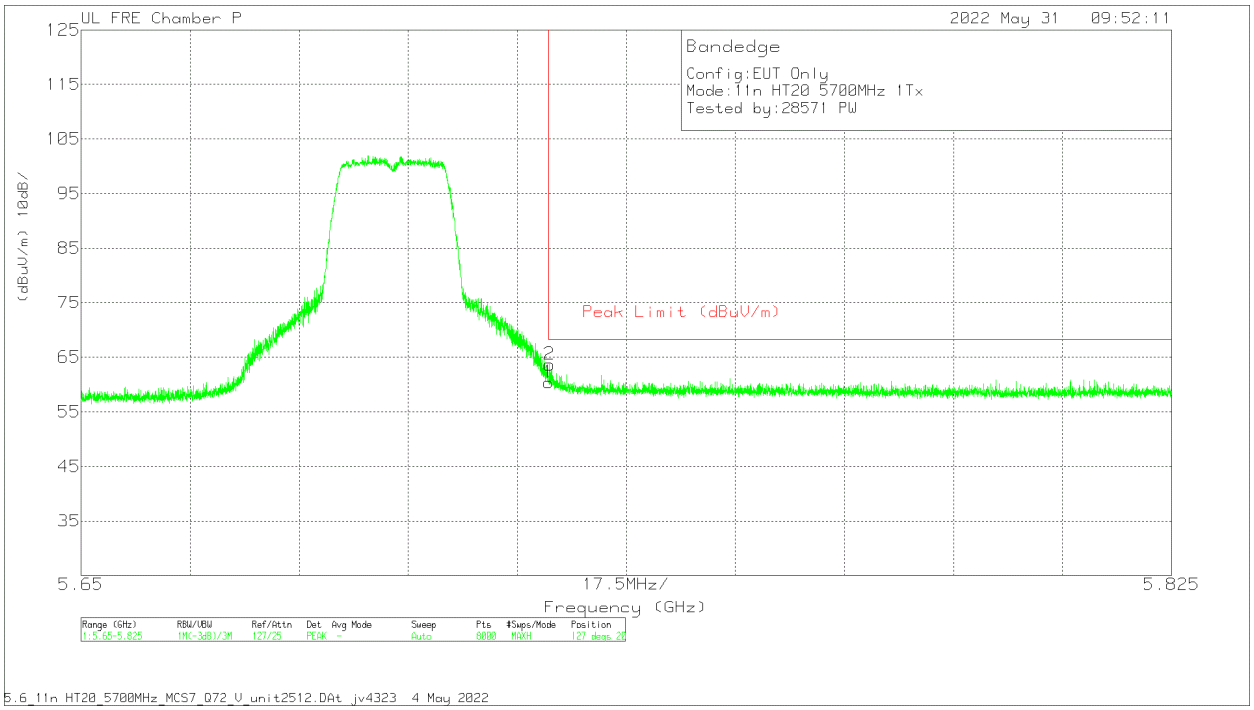
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 41112 (dB/m)	Amp/Cbl/Fltr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	53.67	Pk	35.1	-28.4	0	60.37	68.2	-7.83	127	206	V
2	5.725151	56.96	Pk	35.1	-28.4	0	63.66	68.2	-4.54	127	206	V

Pk - Peak detector

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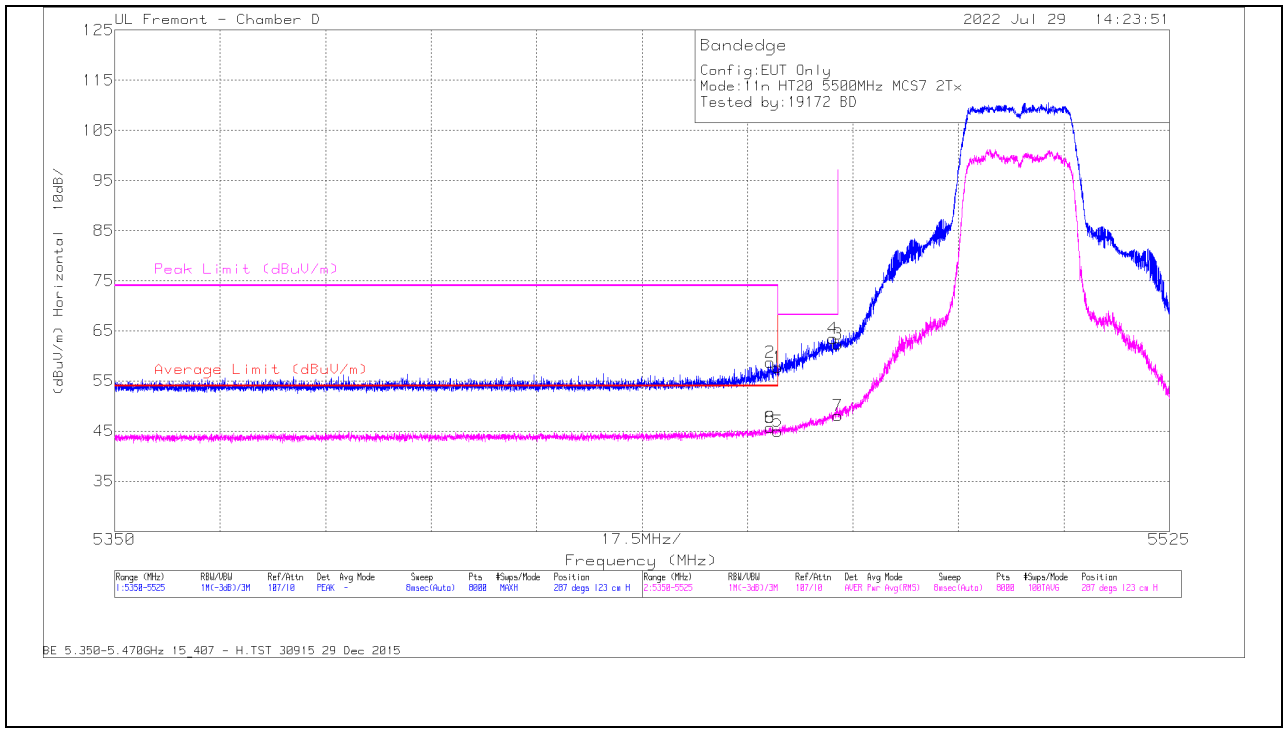
2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200786 ACF (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5460	41.16	Pk	34.6	-18	0	57.76	-	-	68.2	-10.44	287	123	H
2	* 5458.734	42.28	Pk	34.6	-18.1	0	58.78	-	-	74	-15.22	287	123	H
5	* 5460	27.76	RMS	34.6	-18	.6	44.96	54	-9.04	-	-	287	123	H
6	* 5458.799	28.57	RMS	34.6	-18.1	.6	45.67	54	-8.33	-	-	287	123	H
8	* 5458.799	28.57	RMS	34.6	-18.1	.6	45.67	54	-8.33	-	-	287	123	H
4	5469.191	47.08	Pk	34.6	-18.2	0	63.48	-	-	68.2	-4.72	287	123	H
3	5470	45.98	Pk	34.6	-18.2	0	62.38	-	-	68.2	-5.82	287	123	H
7	5470	31.06	RMS	34.6	-18.2	.6	48.06	-	-	-	-	287	123	H

Pk - Peak detector
RMS - RMS detection

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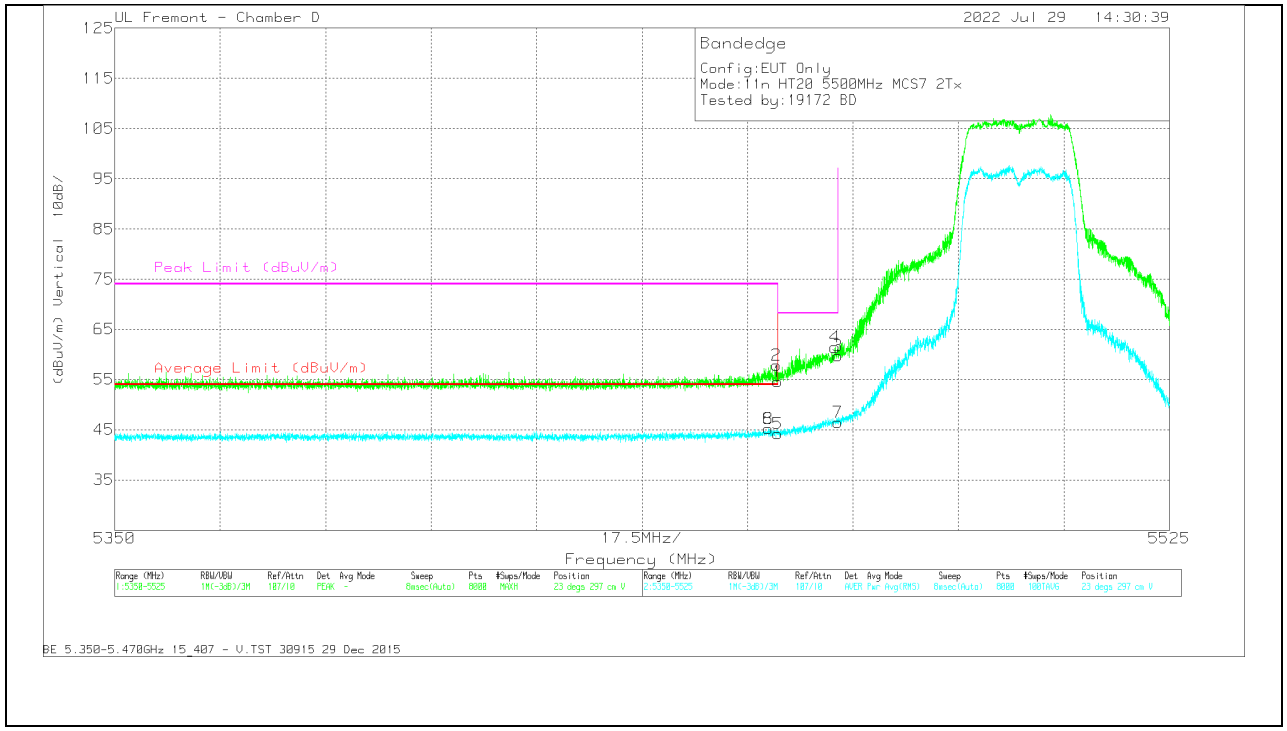
VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200786 ACF (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5460	37.97	Pk	34.6	-18	0	54.57	-	-	68.2	-13.63	23	297	V
2	* 5459.806	41.23	Pk	34.6	-18	0	57.83	-	-	74	-16.17	23	297	V
5	* 5460	27.06	RMS	34.6	-18	.6	44.26	54	-9.74	-	-	23	297	V
6	* 5458.449	28.06	RMS	34.6	-18.1	.6	45.16	54	-8.84	-	-	23	297	V
8	* 5458.449	28.06	RMS	34.6	-18.1	.6	45.16	54	-8.84	-	-	23	297	V
4	5469.52	45.02	Pk	34.6	-18.2	0	61.42	-	-	68.2	-6.78	23	297	V
3	5470	43.34	Pk	34.6	-18.2	0	59.74	-	-	68.2	-8.46	23	297	V
7	5470	29.52	RMS	34.6	-18.2	.6	46.52	-	-	-	-	23	297	V

Pk - Peak detector
RMS - RMS detection

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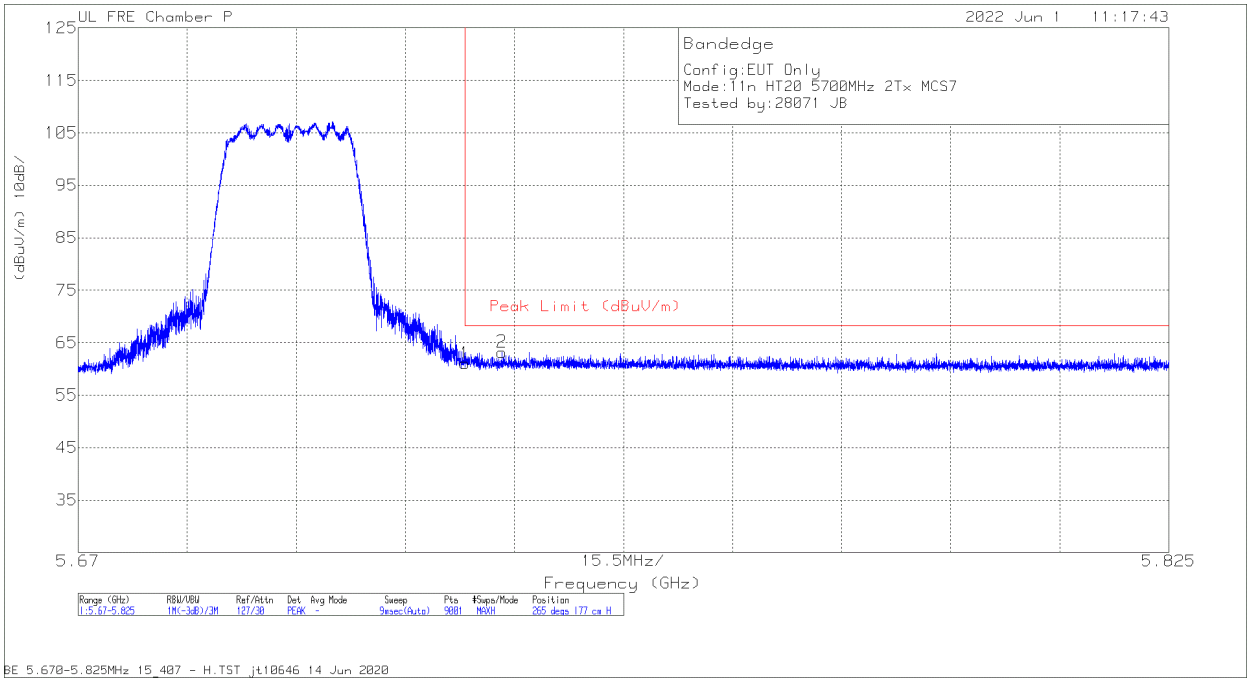
BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 41112 (dB/m)	Amp/Cbl/Fltr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	54.36	Pk	35.1	-28.4	0	61.06	68.2	-7.14	265	177	H
2	5.730208	56.52	Pk	35.1	-28.4	0	63.22	68.2	-4.98	265	177	H

Pk - Peak detector

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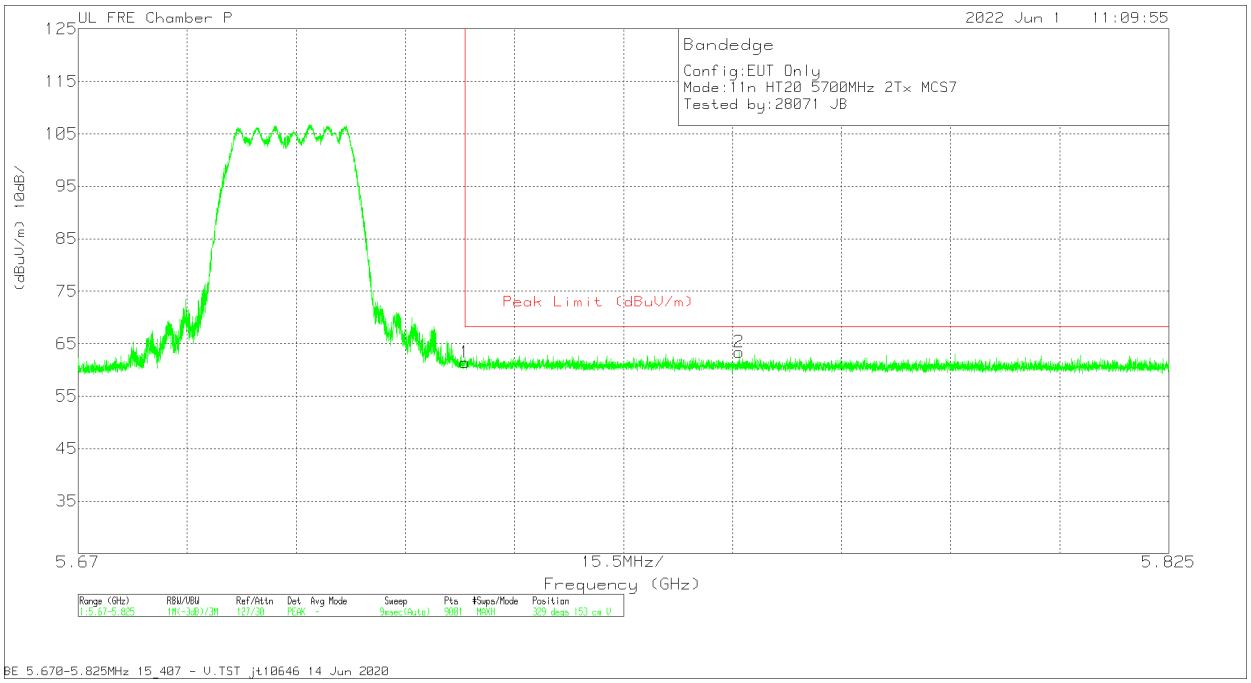
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 41112 (dB/m)	Amp/Cbl/Fltr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	54.73	Pk	35.1	-28.4	0	61.43	68.2	-6.77	329	153	V
2	5.763963	56.59	Pk	35.2	-28.4	0	63.39	68.2	-4.81	329	153	V

Pk - Peak detector

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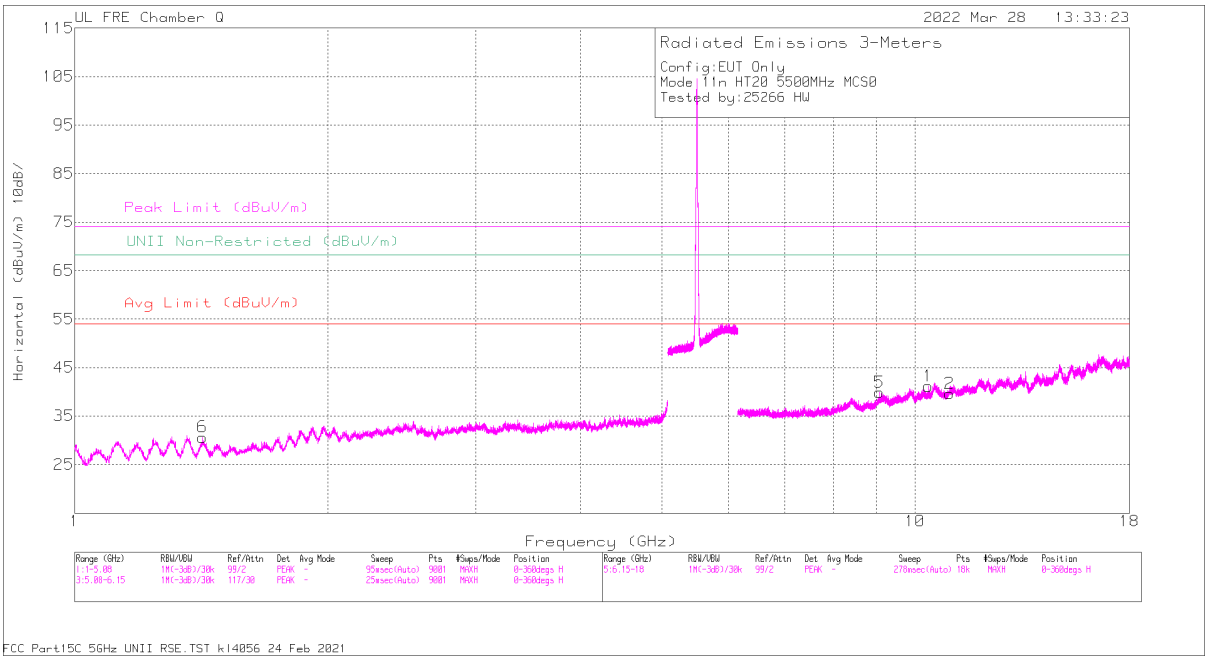
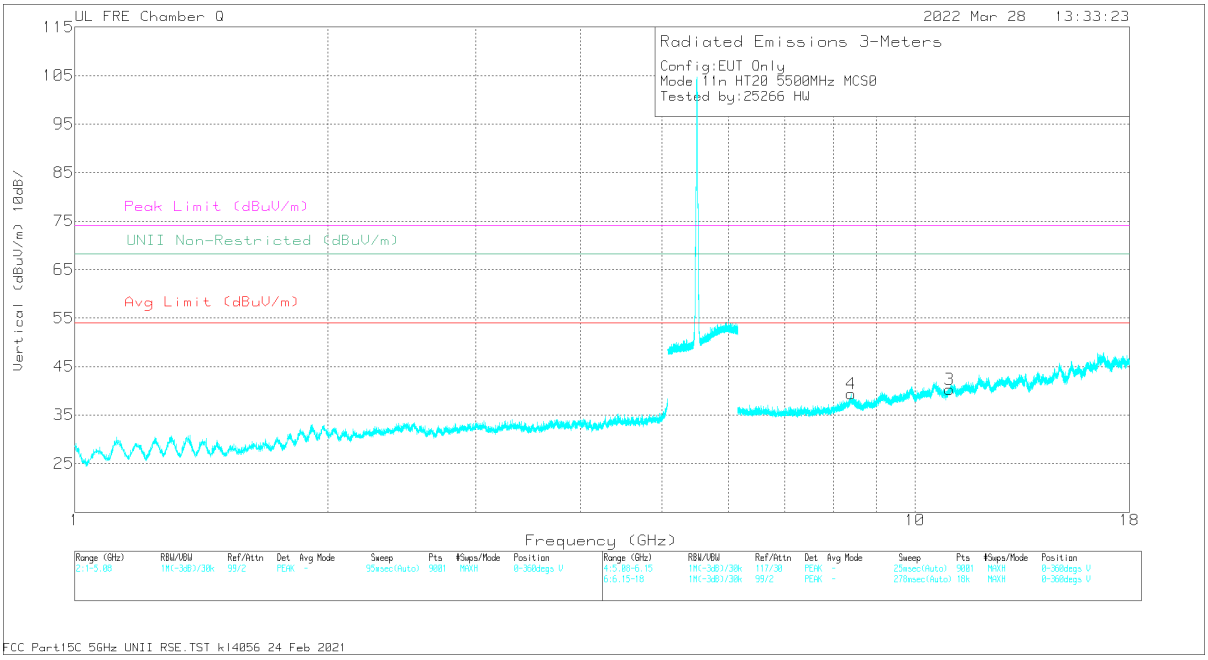
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZOTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	10.371257	48.89	PK-U	37.5	-35.9		50.49	-	-	-	-	246	213	H
2	11.000951	34.1	ADR	37.9	-33.4	0.14	38.74	54	-15.26	-	-	85	349	H
	11.00139	45.57	PK-U	37.9	-33.4		50.07	-	-	74	-23.93	85	349	H
3	10.999189	34.12	ADR	37.9	-33.5	0.14	38.66	54	-15.34	-	-	5	232	V
	11.000876	45.8	PK-U	37.9	-33.4		50.3	-	-	74	-23.7	5	232	V
4	8.391867	37.11	ADR	36	-36	0.14	37.25	54	-16.75	-	-	219	126	V
	8.392439	48.88	PK-U	36	-36		48.88	-	-	74	-25.12	219	126	V
5	9.077352	48.36	PK-U	36.3	-35.4		49.26	-	-	74	-24.74	1	187	H
	9.077858	36.9	ADR	36.3	-35.4	0.14	37.94	54	-16.06	-	-	1	187	H
6	1.418958	57.08	PK-U	28.4	-44.8		40.68	-	-	74	-33.32	144	153	H
	1.421586	44.91	ADR	28.4	-44.9	0.14	28.55	54	-25.45	-	-	144	153	H

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

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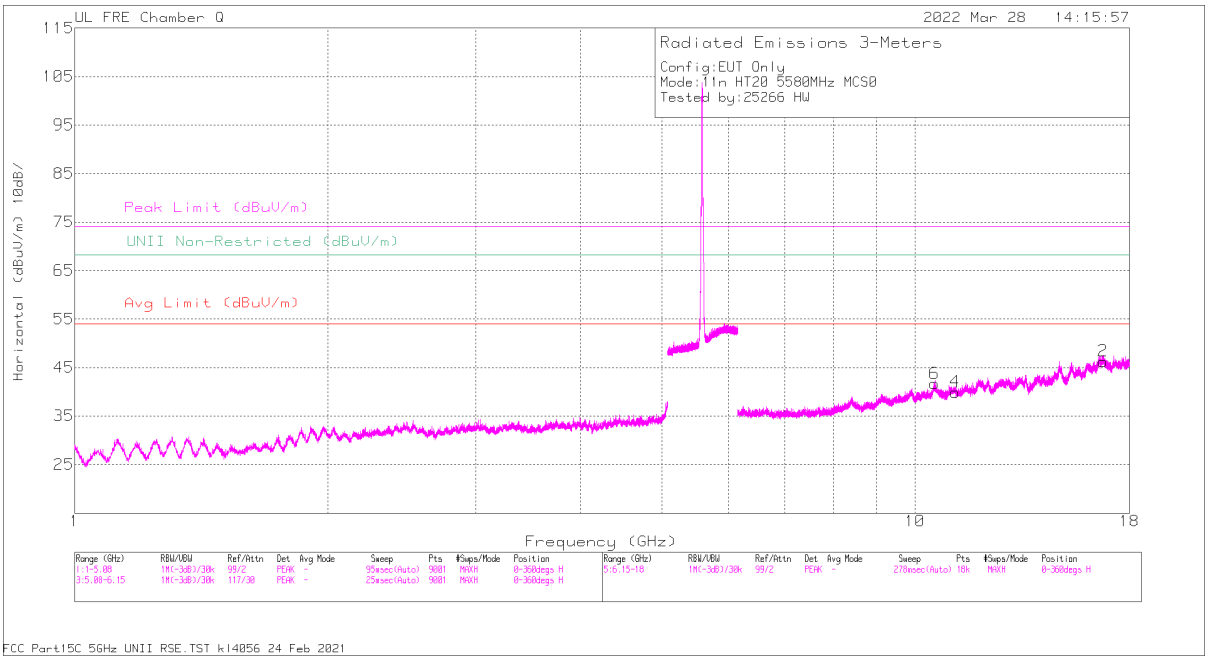
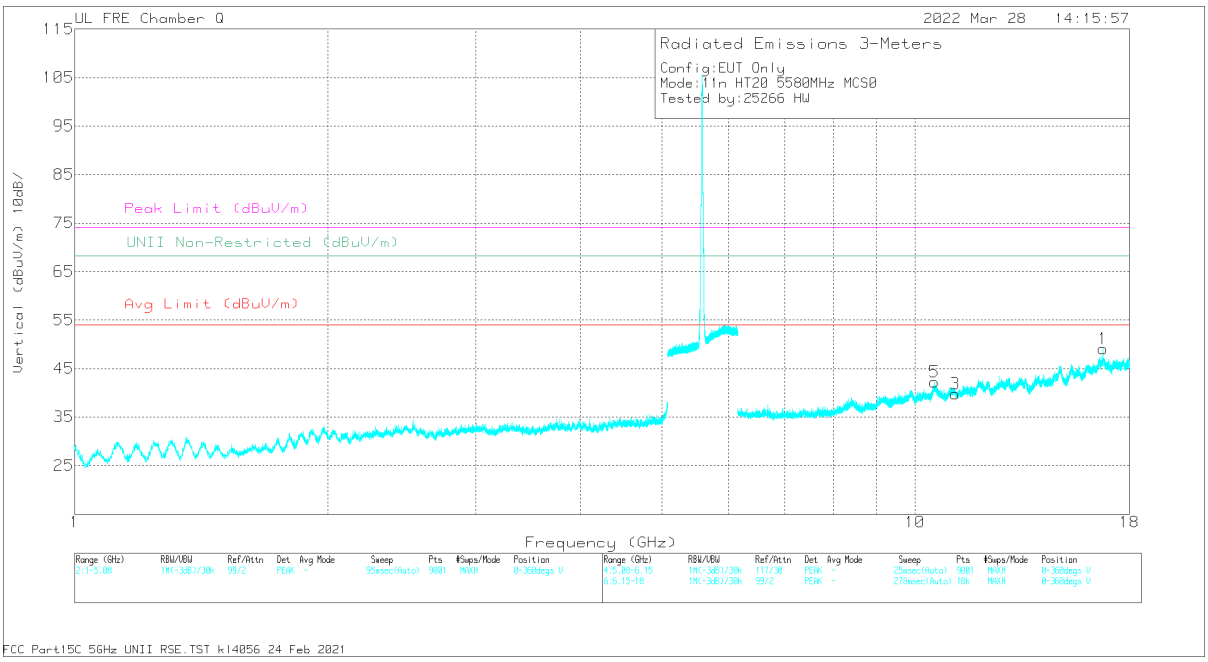
MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	16.744645	49.6	PK-U	41.8	-33.1	0	58.3	-	-	-	-	68.2	-9.9	170	142	V
2	16.74594	48.03	PK-U	41.8	-33.1	0	56.73	-	-	-	-	68.2	-11.47	107	332	H
3	11.161134	34.36	ADR	38	-33.8	0.14	38.7	54	-15.3	-	-	-	-	56	394	V
	11.161841	46.18	PK-U	38	-33.8	0	50.38	-	-	74	-23.62	-	-	56	394	V
4	11.157217	34.64	ADR	38	-33.8	0.14	38.98	54	-15.02	-	-	-	-	261	144	H
	11.159842	46.05	PK-U	38	-33.8	0	50.25	-	-	74	-23.75	-	-	261	144	H
5	10.554852	47.99	PK-U	37.6	-33.8	0	51.79	-	-	-	-	68.2	-16.41	259	157	V
6	10.548738	47.38	PK-U	37.6	-33.9	0	51.08	-	-	-	-	68.2	-17.12	225	189	H

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

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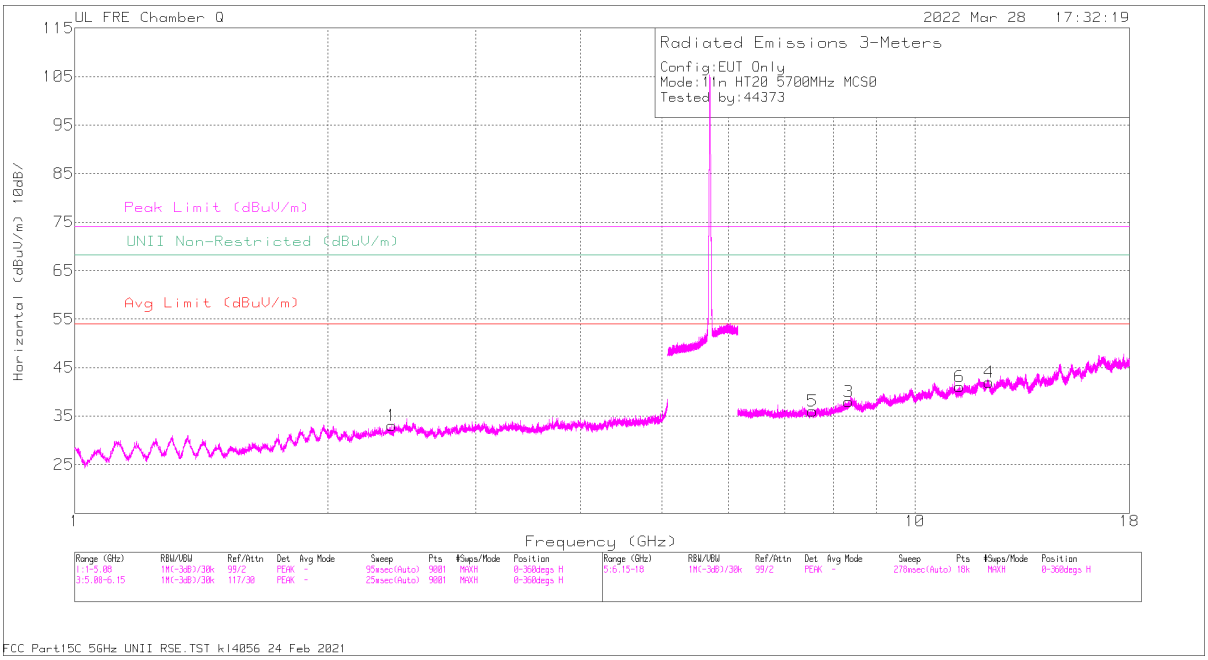
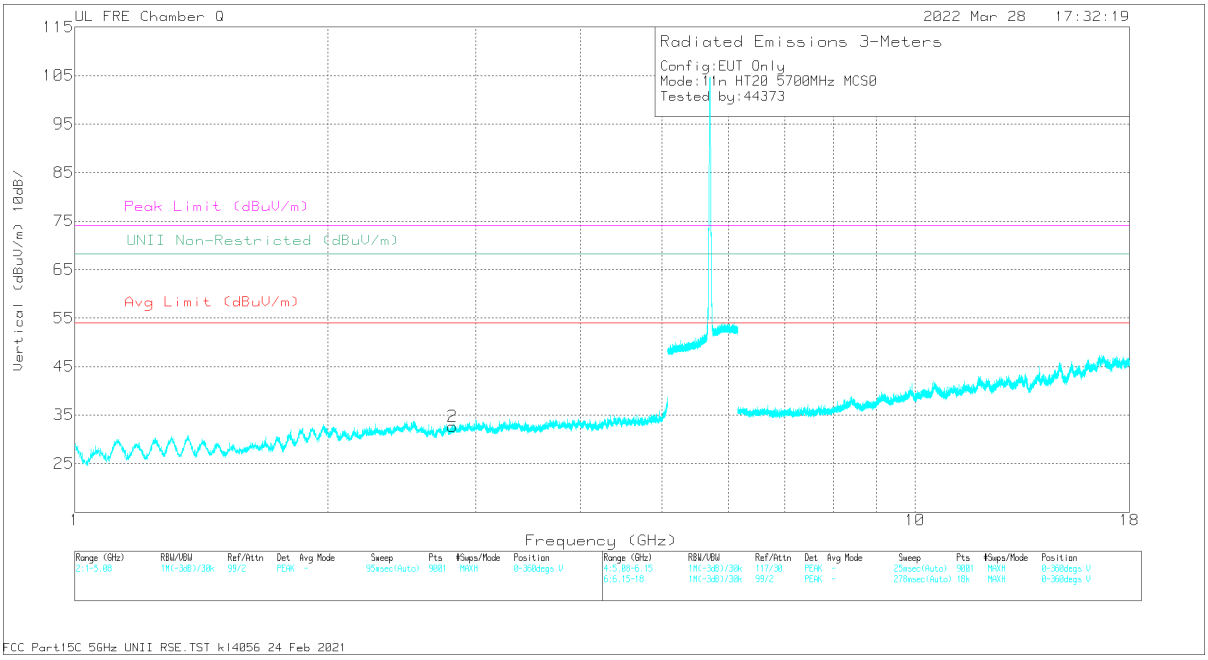
HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.386698	54.34	PK-U	32	-44.1	0	42.24	-	-	74	-31.76	295	112	H
	* 2.3837	42.7	ADR	32	-44	0.14	30.84	54	-23.16	-	-	295	112	H
2	* 2.81579	54.25	PK-U	32.2	-43.5	0	42.95	-	-	74	-31.05	25	223	V
	* 2.814388	42.01	ADR	32.2	-43.5	0.14	30.85	54	-23.15	-	-	25	223	V
3	* 8.337614	48.02	PK-U	36	-36.3	0	47.72	-	-	74	-26.28	259	134	H
	* 8.339475	36.52	ADR	36.1	-36.3	0.14	36.46	54	-17.54	-	-	259	134	H
4	* 12.239305	47.48	PK-U	39.1	-34.6	0	51.98	-	-	74	-22.02	90	198	H
	* 12.239462	36.17	ADR	39.1	-34.6	0.14	40.81	54	-13.19	-	-	90	198	H
5	* 7.554595	48.21	PK-U	35.8	-37.8	0	46.21	-	-	74	-27.79	83	148	H
	* 7.555181	36.69	ADR	35.8	-37.8	0.14	34.83	54	-19.17	-	-	83	148	H
6	* 11.298857	46.96	PK-U	38.1	-33.7	0	51.36	-	-	74	-22.64	47	145	H
	* 11.3001	35.55	ADR	38.1	-33.7	0.14	40.09	54	-13.91	-	-	47	145	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

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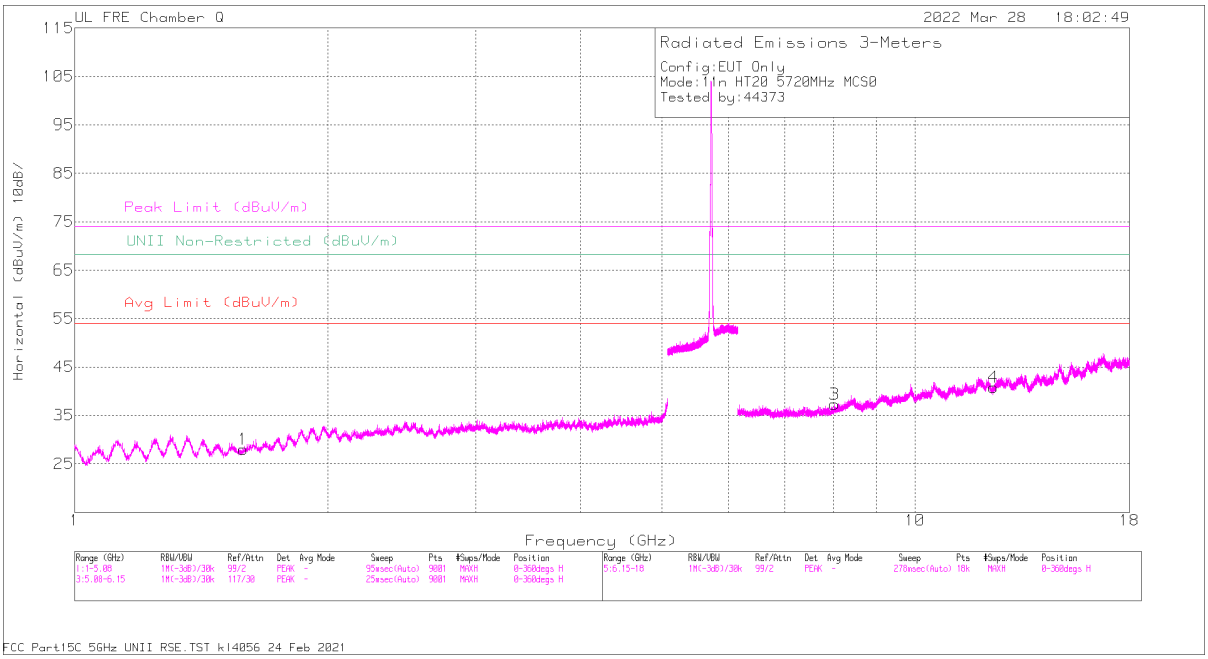
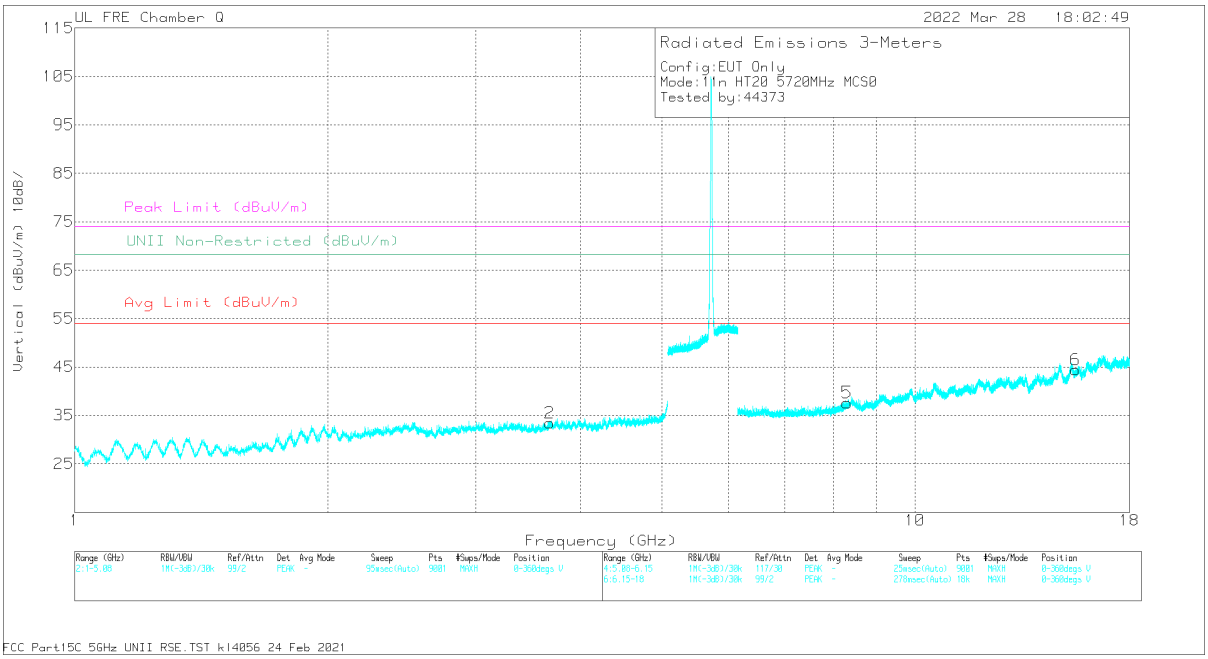
CHANNEL 144 RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.586106	55.82	PK-U	27.7	-44.8	0	38.72	-	-	74	-35.14	-	-	130	153	H
	* 1.586183	43.92	ADR	27.7	-44.8	0.14	26.96	54	-27.18	-	-	-	-	130	153	H
2	* 3.675927	51.96	PK-U	33.2	-41	0	44.16	-	-	74	-29.70	-	-	241	215	V
	* 3.676318	39.76	ADR	33.2	-40.9	0.14	32.20	54	-21.94	-	-	-	-	241	215	V
3	8.021938	47.84	PK-U	35.9	-37	0	46.74	-	-	-	-	68.2	-21.46	320	195	H
4	* 12.389432	46.61	PK-U	39	-35.3	0	50.31	-	-	74	-23.55	-	-	320	206	H
	* 12.388051	35.47	ADR	39	-35.4	0.14	39.21	54	-14.93	-	-	-	-	320	206	H
5	* 8.303236	48.66	PK-U	36	-36.4	0	48.26	-	-	74	-25.60	-	-	63	212	V
	* 8.303268	36.22	ADR	36	-36.4	0.14	35.96	54	-18.18	-	-	-	-	63	212	V
6	* 15.533913	47.18	PK-U	40.1	-32.9	0	54.38	-	-	74	-19.48	-	-	269	139	V
	* 15.535596	35.41	ADR	40.1	-32.9	0.14	42.75	54	-11.39	-	-	-	-	269	139	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

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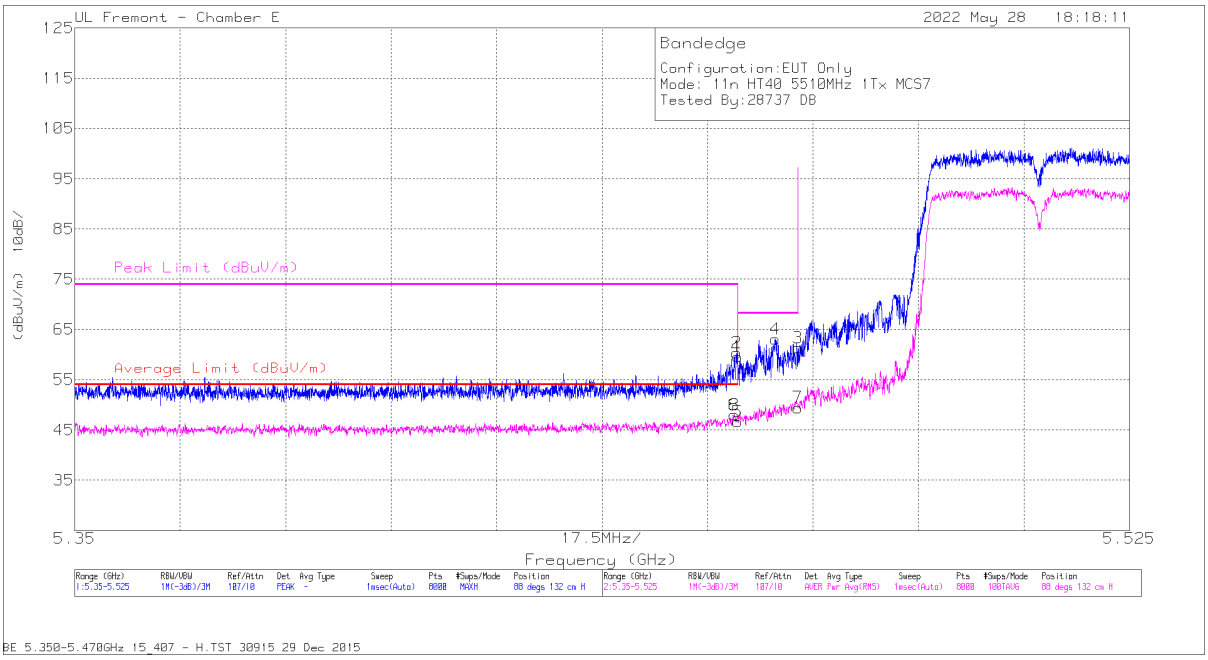
1.1.14. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	45.91	Pk	34.4	-20.7	0	59.61	-	-	68.2	-8.59	88	132	H
2	* 5.459849	46.67	Pk	34.4	-20.7	0	60.37	-	-	74	-13.63	88	132	H
3	5.47	47.67	Pk	34.4	-20.7	0	61.37	-	-	68.2	-6.83	88	132	H
4	5.46626	49.37	Pk	34.4	-20.7	0	63.07	-	-	68.2	-5.13	88	132	H
5	* 5.46	32.26	RMS	34.4	-20.7	.89	46.85	54	-7.15	-	-	88	132	H
6	* 5.459434	33.72	RMS	34.4	-20.7	.89	48.31	54	-5.69	-	-	88	132	H
7	5.47	35.11	RMS	34.4	-20.7	.89	49.70	-	-	-	-	88	132	H
8	* 5.459434	33.72	RMS	34.4	-20.7	.89	48.31	54	-5.69	-	-	88	132	H

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

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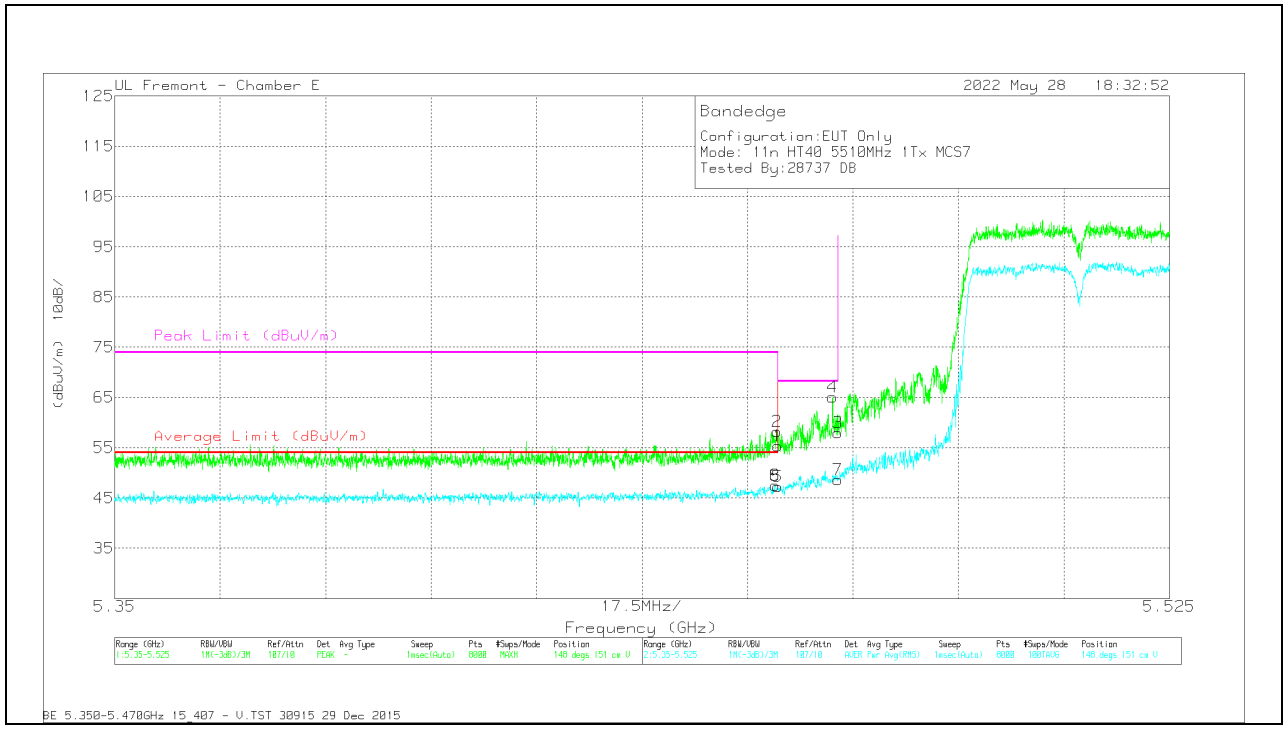
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	41.66	Pk	34.4	-20.7	0	55.36	-	-	68.2	-12.84	148	151	V
2	* 5.459937	44.57	Pk	34.4	-20.7	0	58.27	-	-	74	-15.73	148	151	V
3	5.47	44.33	Pk	34.4	-20.7	0	58.03	-	-	68.2	-10.17	148	151	V
4	5.469104	51.4	Pk	34.4	-20.7	0	65.1	-	-	68.2	-3.1	148	151	V
5	* 5.46	32.89	RMS	34.4	-20.7	.89	47.48	54	-6.52	-	-	148	151	V
6	* 5.459565	33.22	RMS	34.4	-20.7	.89	47.81	54	-6.19	-	-	148	151	V
7	5.47	34.28	RMS	34.4	-20.7	.89	48.87	-	-	-	-	148	151	V
8	* 5.459565	33.22	RMS	34.4	-20.7	.89	47.81	54	-6.19	-	-	148	151	V

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

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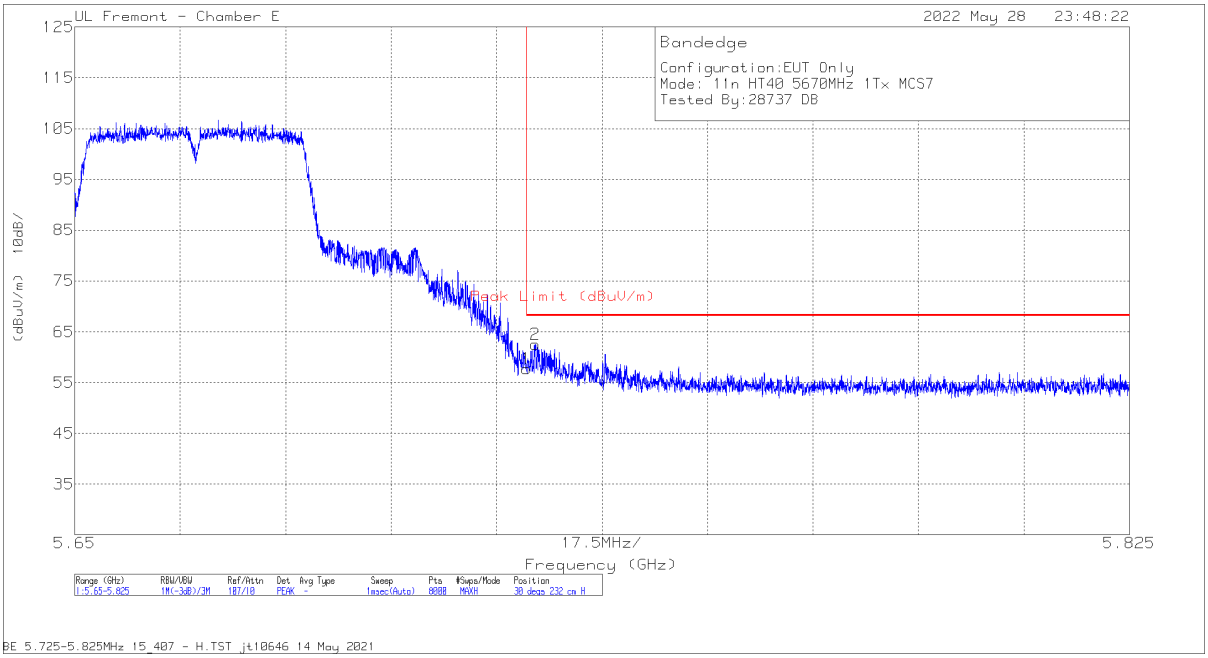
BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.28	Pk	34.7	-20.3	0	57.68	68.2	-10.52	30	232	H
2	5.726398	48.14	Pk	34.7	-20.3	0	62.54	68.2	-5.66	30	232	H

Pk - Peak detector

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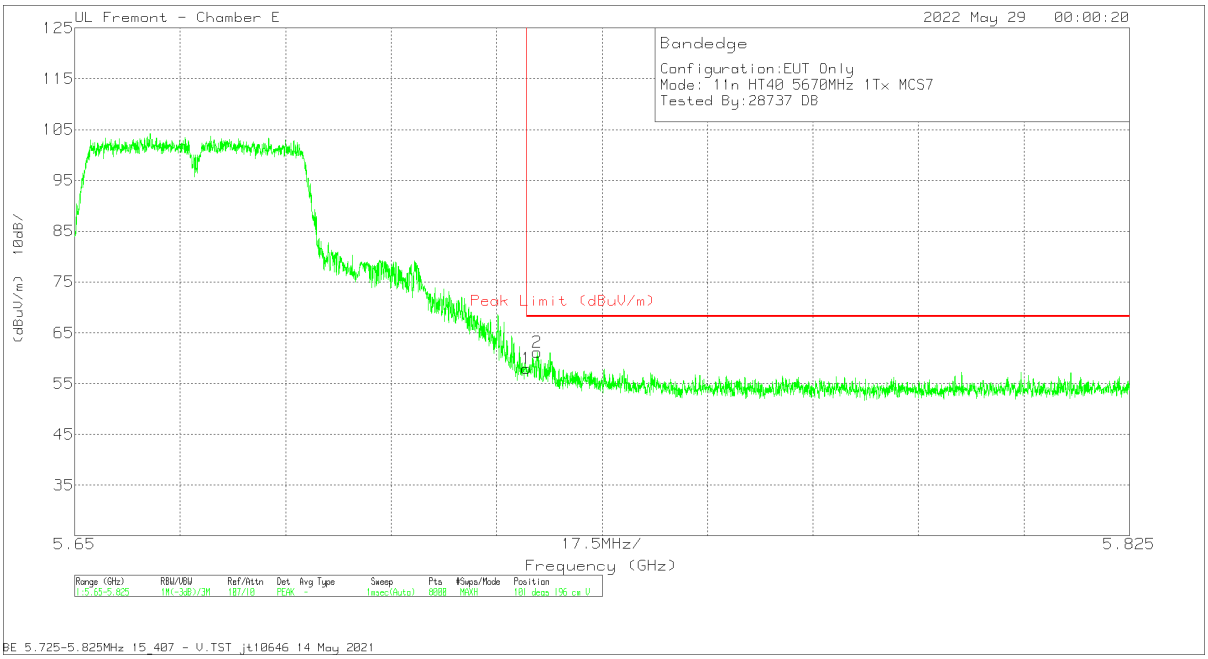
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.56	Pk	34.7	-20.3	0	57.96	68.2	-10.24	101	196	V
2	5.726726	46.81	Pk	34.7	-20.3	0	61.21	68.2	-6.99	101	196	V

Pk - Peak detector

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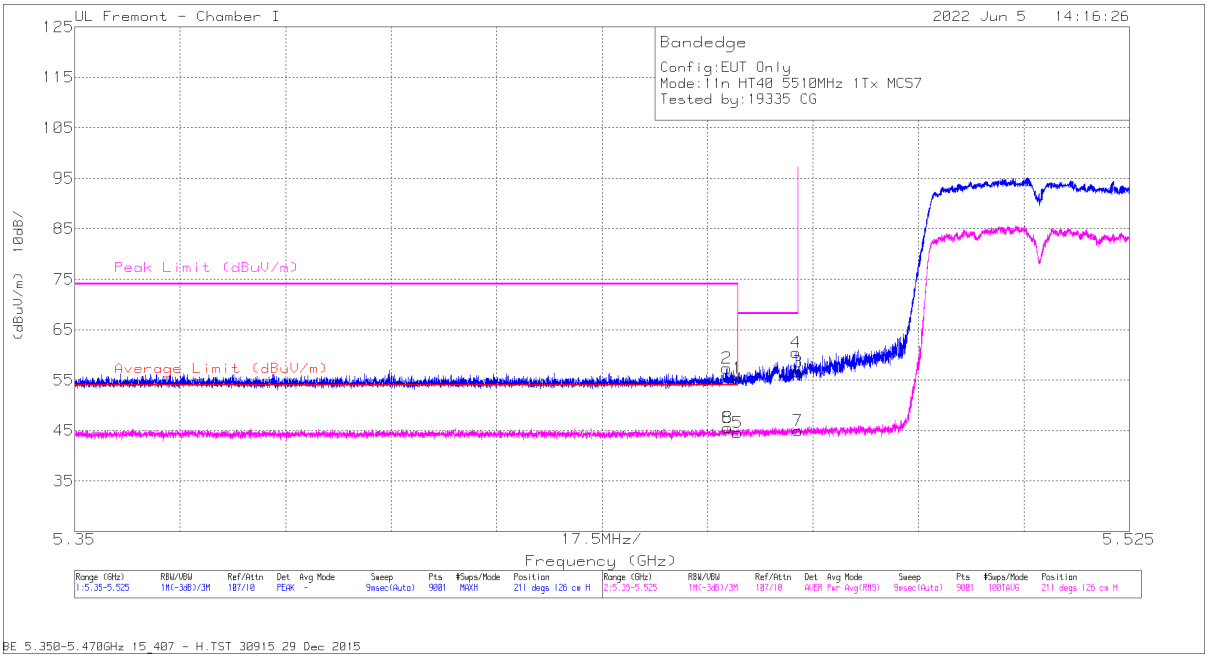
1TX Antenna 5 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 206805 (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.23	Pk	34.4	-17.3	0	55.33	-	-	68.2	-12.87	211	126	H
2	* 5.458186	40.12	Pk	34.4	-17.2	0	57.32	-	-	74	-16.68	211	126	H
3	5.47	39.47	Pk	34.4	-17.2	0	56.67	-	-	68.2	-11.53	211	126	H
4	5.469697	43.27	Pk	34.4	-17.2	0	60.47	-	-	68.2	-7.73	211	126	H
5	* 5.46	26.88	RMS	34.4	-17.3	.89	44.87	54	-9.13	-	-	211	126	H
6	* 5.458381	27.68	RMS	34.4	-17.2	.89	45.77	54	-8.23	-	-	211	126	H
7	5.47	27.12	RMS	34.4	-17.2	.89	45.21	-	-	-	-	211	126	H
8	* 5.458381	27.68	RMS	34.4	-17.2	.89	45.77	54	-8.23	-	-	211	126	H

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

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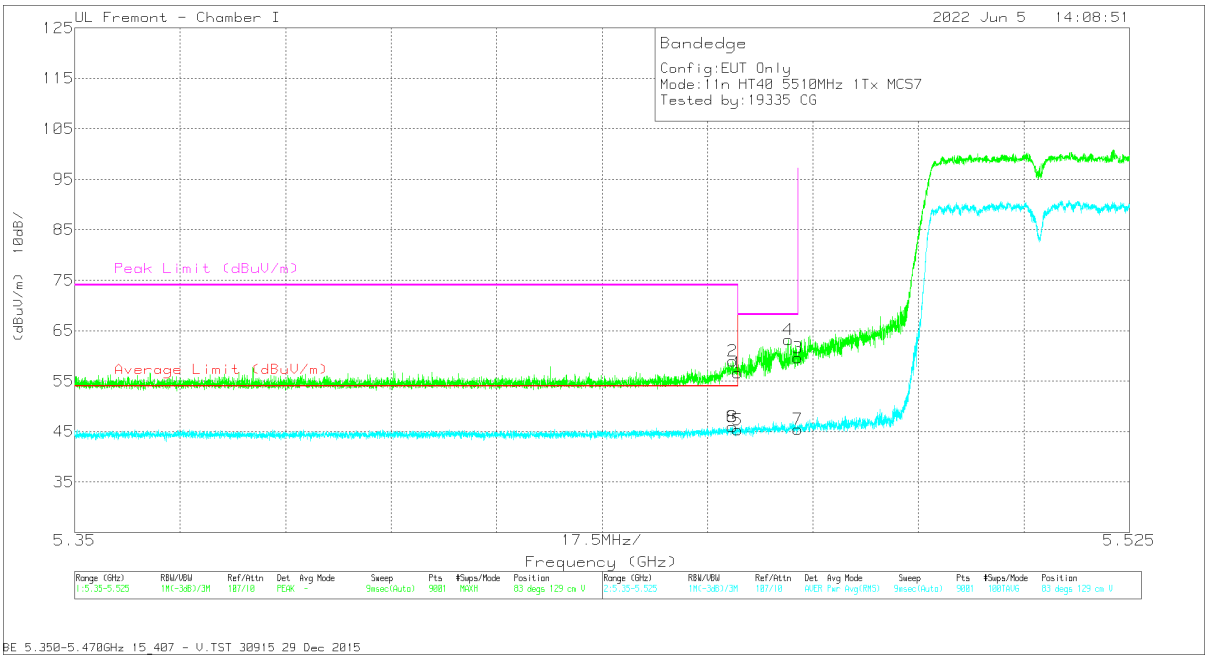
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 206805 (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	39.53	Pk	34.4	-17.3	0	56.63	-	-	68.2	-11.57	83	129	V
2	* 5.459217	41.78	Pk	34.4	-17.2	0	58.98	-	-	74	-15.02	83	129	V
3	5.47	42.38	Pk	34.4	-17.2	0	59.58	-	-	68.2	-8.62	83	129	V
4	5.468433	46.05	Pk	34.4	-17.3	0	63.15	-	-	68.2	-5.05	83	129	V
5	* 5.46	27.57	RMS	34.4	-17.3	.89	45.56	54	-8.44	-	-	83	129	V
6	* 5.45912	28.11	RMS	34.4	-17.2	.89	46.20	54	-7.80	-	-	83	129	V
7	5.47	27.58	RMS	34.4	-17.2	.89	45.67	-	-	-	-	83	129	V
8	* 5.45912	28.11	RMS	34.4	-17.2	.89	46.20	54	7.80	-	-	83	129	V

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

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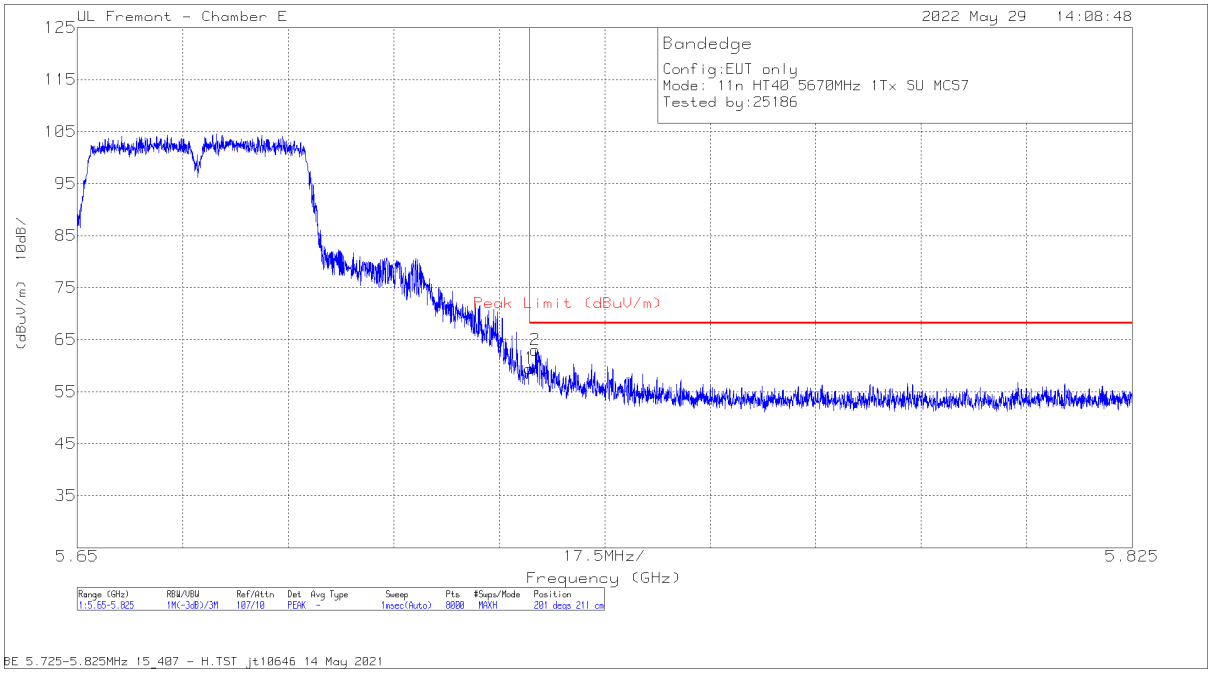
BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	45.08	Pk	34.7	-20.3	0	59.48	68.2	-8.72	201	211	H
2	5.725982	48.63	Pk	34.7	-20.3	0	63.03	68.2	-5.17	201	211	H

Pk - Peak detector

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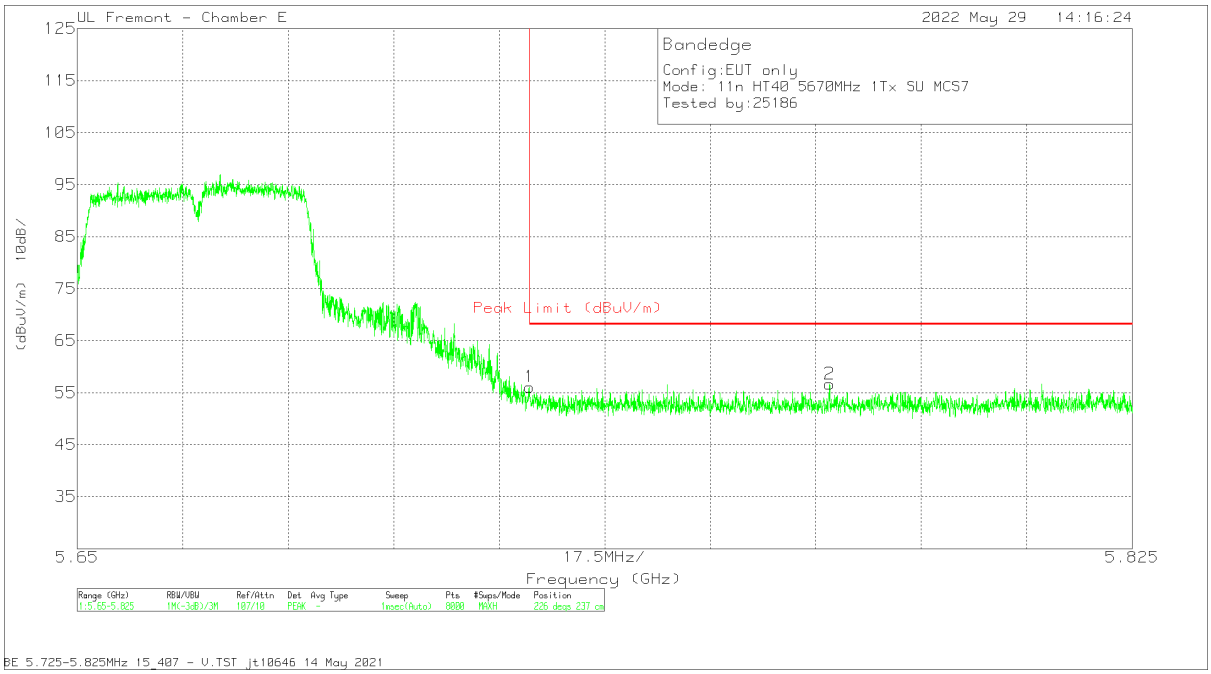
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	41.72	Pk	34.7	-20.3	0	56.12	68.2	-12.08	226	237	V
2	5.774792	41.87	Pk	34.8	-20	0	56.67	68.2	-11.53	226	237	V

Pk - Peak detector

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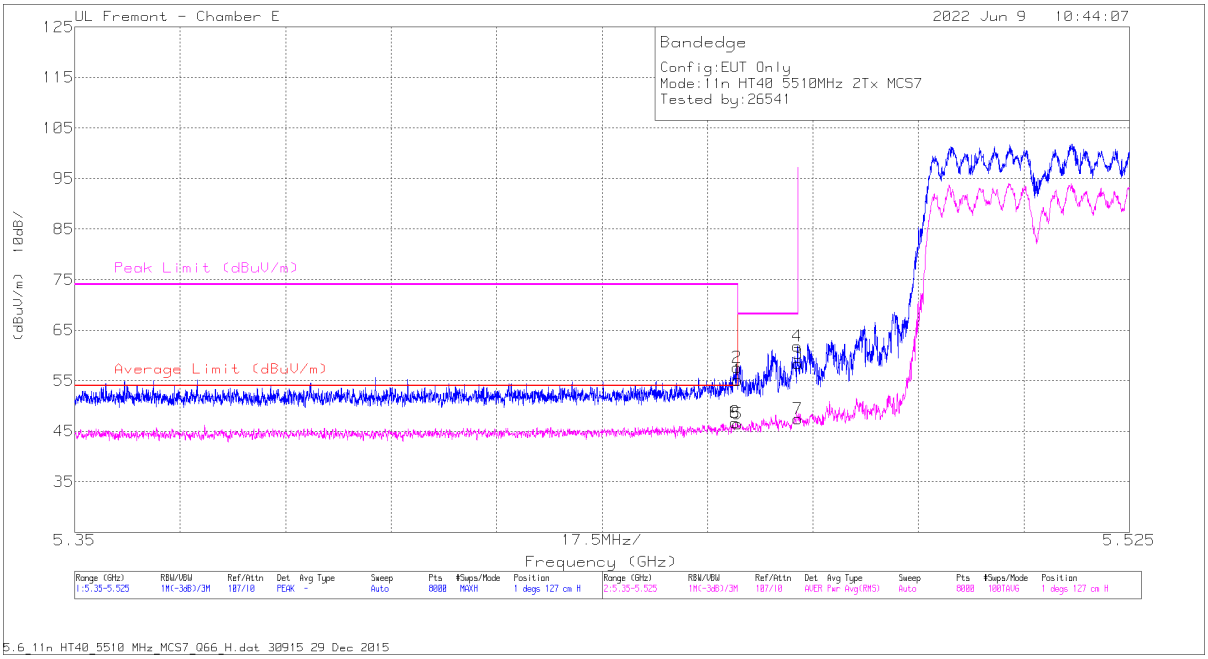
2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 206805 (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	41.37	Pk	34.4	-20.7	0	55.07	-	-	68.2	-13.13	1	127	H
2	* 5.459871	43.87	Pk	34.4	-20.7	0	57.57	-	-	74	-16.43	1	127	H
3	5.47	44.64	Pk	34.4	-20.7	0	58.34	-	-	68.2	-9.86	1	127	H
4	5.469913	48.17	Pk	34.4	-20.7	0	61.87	-	-	68.2	-6.33	1	127	H
5	* 5.46	31.9	RMS	34.4	-20.7	.89	46.49	54	-7.51	-	-	1	127	H
6	* 5.459609	32.16	RMS	34.4	-20.7	.89	46.75	54	-7.25	-	-	1	127	H
7	5.47	32.79	RMS	34.4	-20.7	.89	47.38	-	-	-	-	1	127	H
8	* 5.459609	32.16	RMS	34.4	-20.7	.89	46.75	54	-7.25	-	-	1	127	H

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

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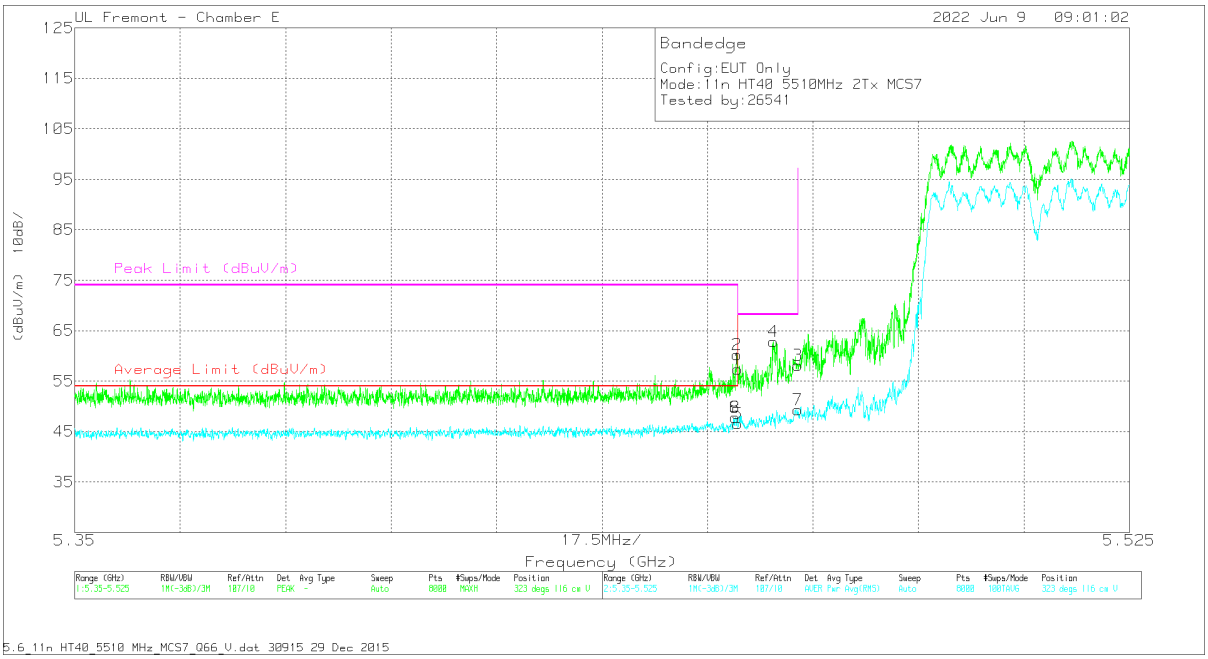
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 206805 (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	43.62	Pk	34.4	-20.7	0	57.32	-	-	68.2	-10.88	323	116	V
2	* 5.459937	46.55	Pk	34.4	-20.7	0	60.25	-	-	74	-13.75	323	116	V
3	5.47	44.43	Pk	34.4	-20.7	0	58.13	-	-	68.2	-10.07	323	116	V
4	5.465888	49.16	Pk	34.4	-20.7	0	62.86	-	-	68.2	-5.34	323	116	V
5	* 5.46	31.94	RMS	34.4	-20.7	.89	46.53	54	-7.47	-	-	323	116	V
6	* 5.459609	33.18	RMS	34.4	-20.7	.89	47.77	54	-6.23	-	-	323	116	V
7	5.47	34.68	RMS	34.4	-20.7	.89	49.27	-	-	-	-	323	116	V
8	* 5.459609	33.18	RMS	34.4	-20.7	.89	47.77	54	-6.23	-	-	323	116	V

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

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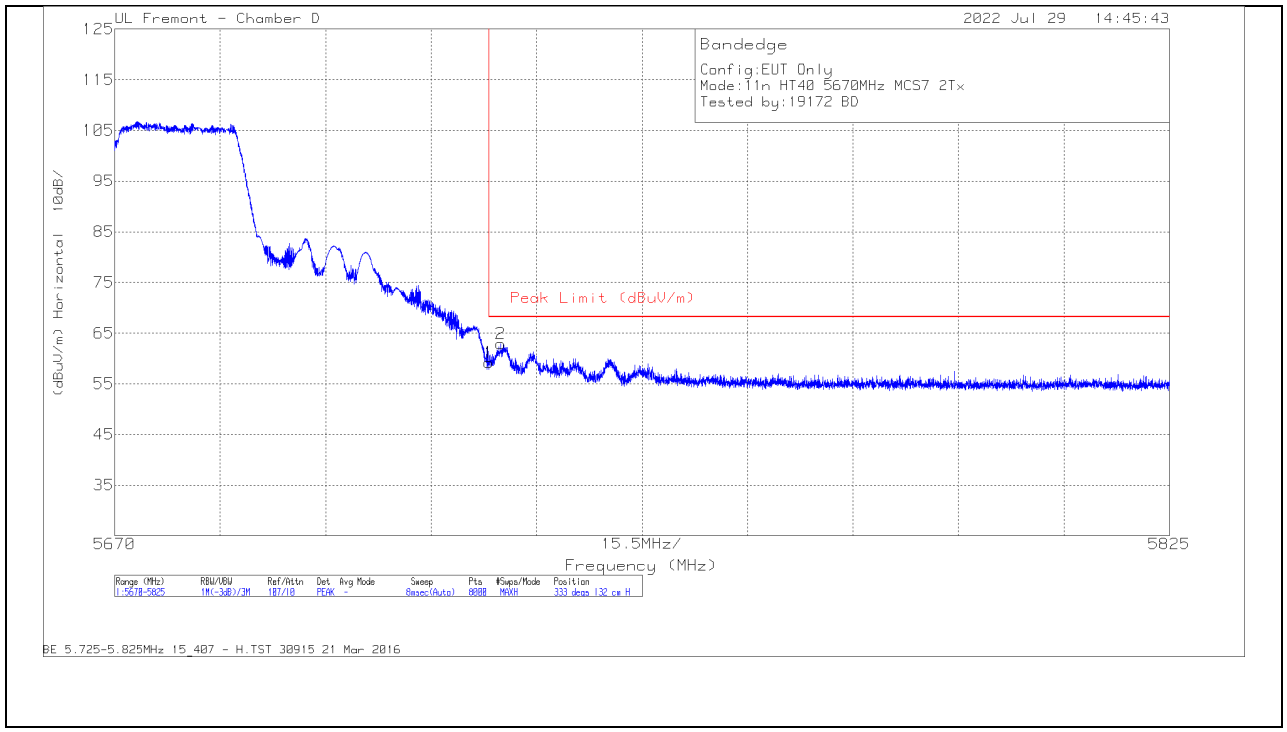
BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200786 ACF (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	42.35	Pk	34.7	-17.8	0	59.25	68.2	-8.95	333	132	H
2	5726.716	45.92	Pk	34.8	-17.8	0	62.92	68.2	-5.28	333	132	H

Pk - Peak detector

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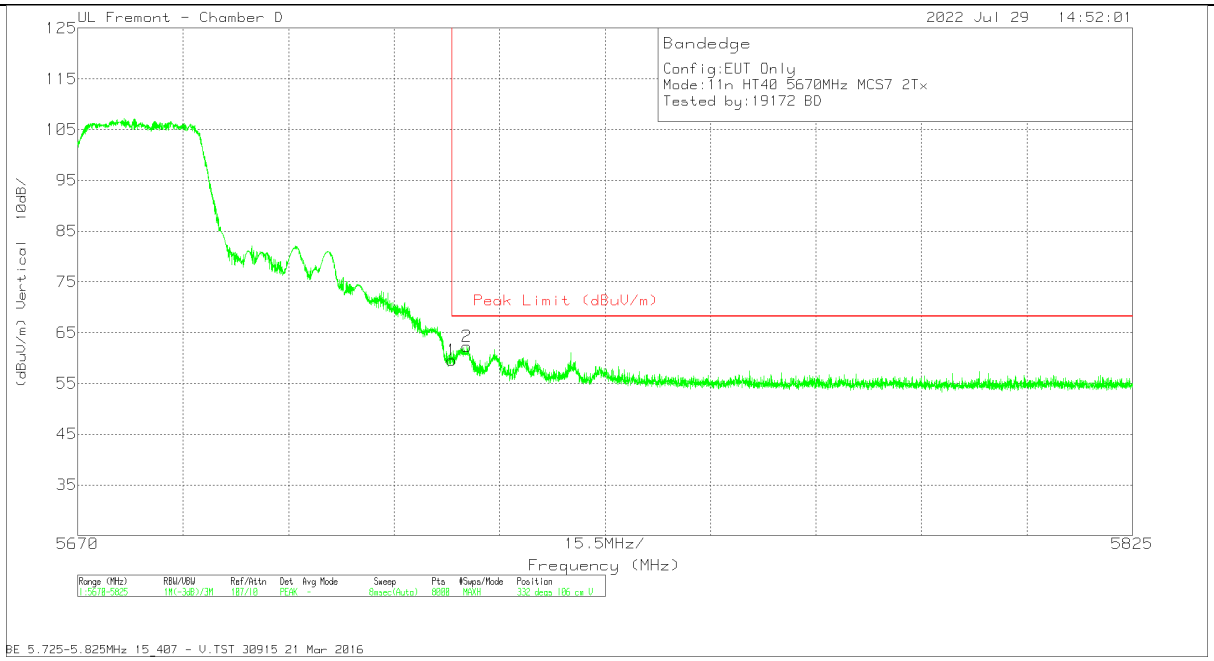
VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200786 ACF (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	42.63	Pk	34.7	-17.8	0	59.53	68.2	-8.67	332	106	V
2	5727.201	45.28	Pk	34.8	-17.8	0	62.28	68.2	-5.92	332	106	V

Pk - Peak detector

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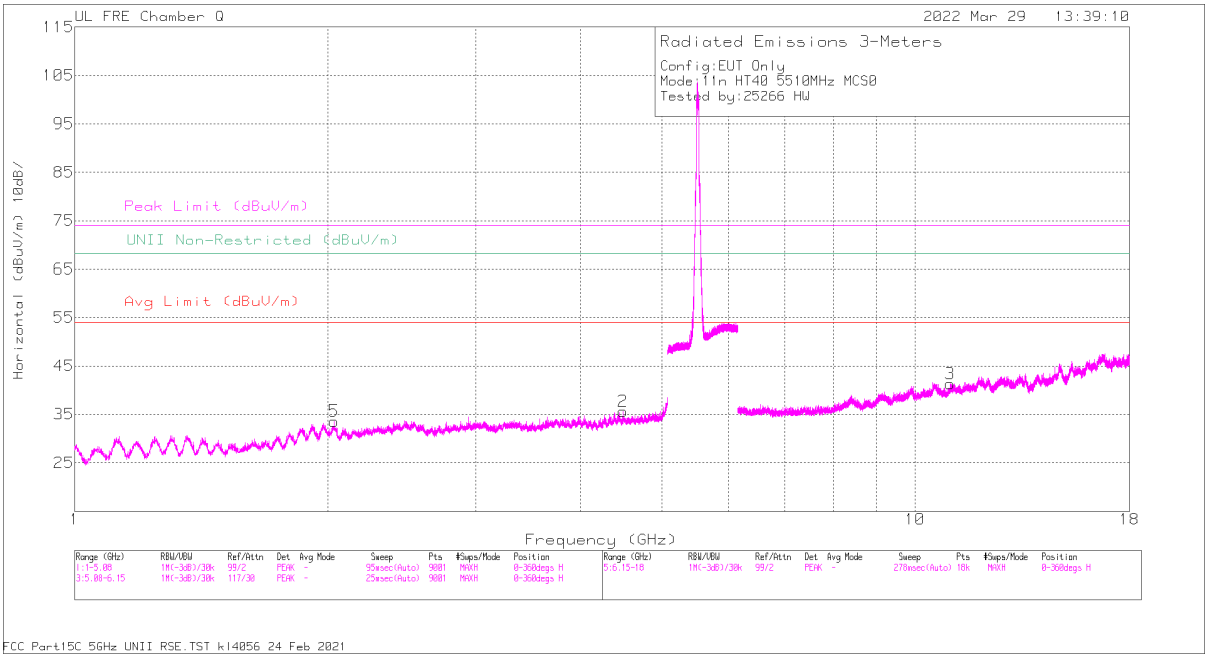
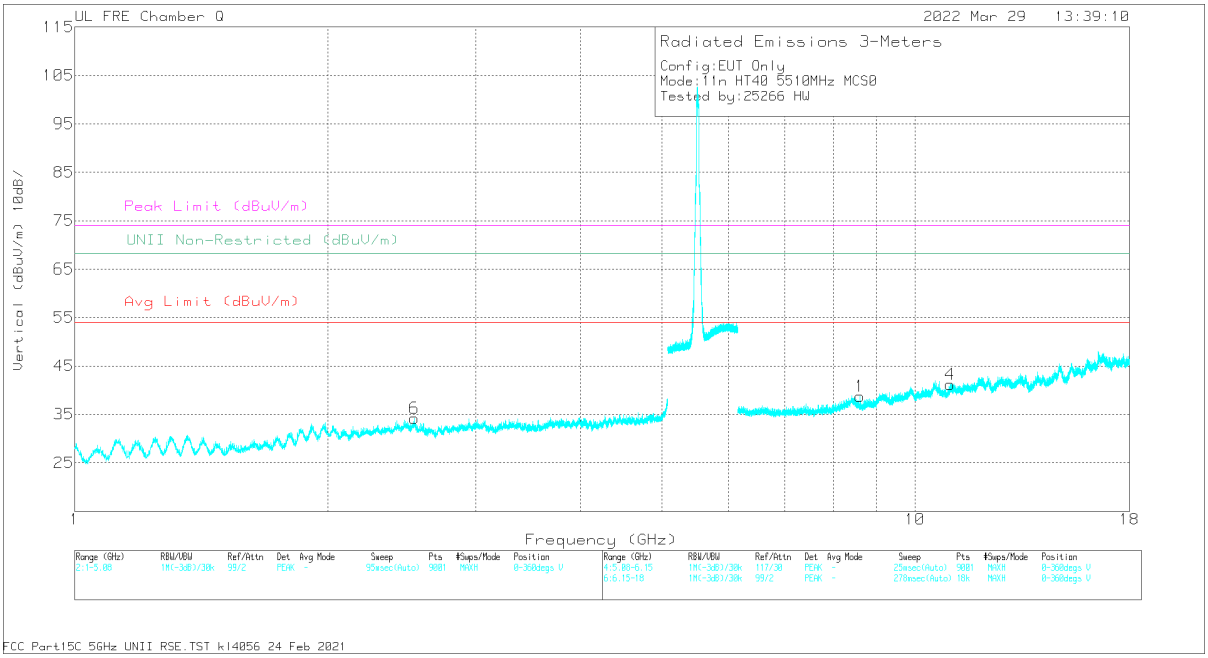
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.601243	47.5	PK-U	35.9	-35.9	0	47.5	-	-	-	-	68.2	-20.7	195	178	V
2	4.496046	51.16	PK-U	33.8	-40.8	0	44.16	-	-	-	-	68.2	-24.04	58	190	H
3	11.015717	45.58	PK-U	38	-33.5	0	50.08	-	-	74	-23.92	-	-	88	250	H
	11.016725	34.19	ADR	38	-33.5	.21	38.9	54	-15.1	-	-	-	-	88	250	H
4	11.010684	45.65	PK-U	37.9	-33.4	0	50.15	-	-	74	-23.85	-	-	264	213	V
	11.010258	34.25	ADR	37.9	-33.4	.21	38.96	54	-15.04	-	-	-	-	264	213	V
5	2.034854	55.6	PK-U	31.3	-44.1	0	42.8	-	-	-	-	68.2	-25.4	185	165	H
6	2.537489	54.87	PK-U	32.7	-43.8	0	43.77	-	-	-	-	68.2	-24.43	206	130	V

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

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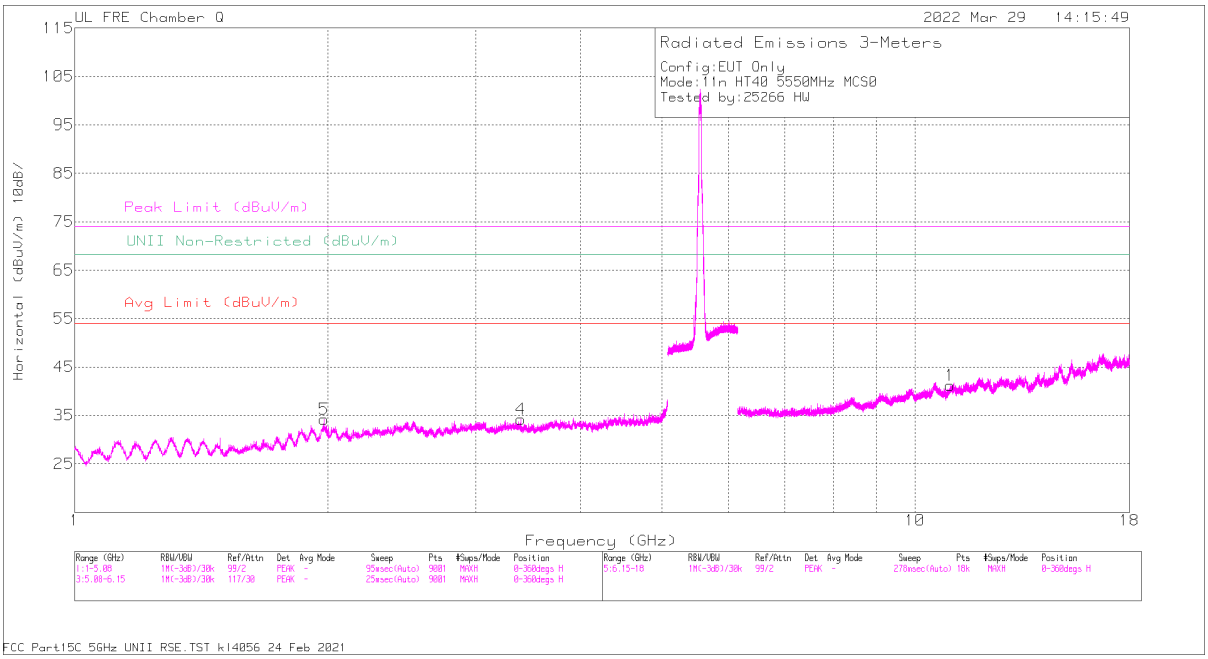
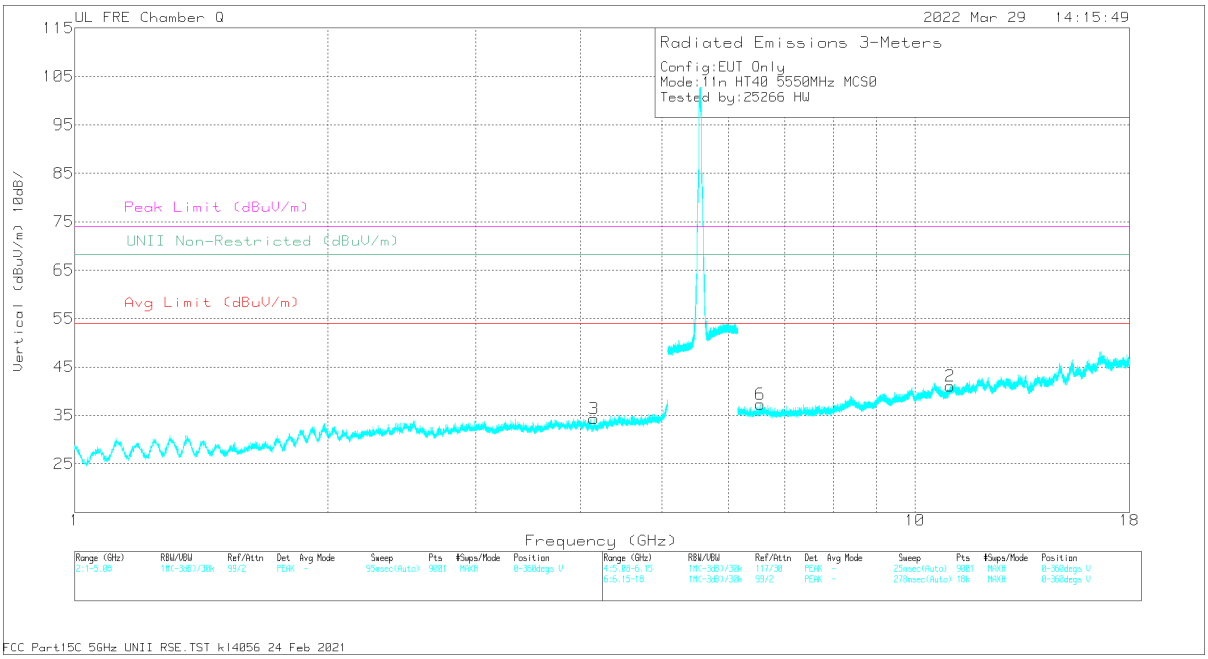
MID CHANNEL RESULTS



HORIZONTAL



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RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	11.017285	34.05	ADR	38	-33.5	.21	38.76	54	-15.24	-	-	-	-	54	184	H
	11.017532	45.46	PK-U	38	-33.5	0	49.96	-	-	74	-24.04	-	-	54	184	H
2	11.015169	34.12	ADR	38	-33.5	.21	38.83	54	-15.17	-	-	-	-	6	226	V
	11.016938	45.92	PK-U	38	-33.5	0	50.42	-	-	74	-23.58	-	-	6	226	V
3	4.149665	50.91	PK-U	33.4	-40.7	0	43.61	-	-	74	-30.39	-	-	267	244	V
	4.149752	38.95	ADR	33.4	-40.7	.21	31.86	54	-22.14	-	-	-	-	267	244	V
4	3.393458	52	PK-U	32.5	-41.2	0	43.3	-	-	-	-	68.2	-24.9	303	122	H
5	1.980422	55.85	PK-U	31.5	-44.2	0	43.15	-	-	-	-	68.2	-25.05	244	187	H
6	6.542445	47.98	PK-U	35.6	-37.8	0	45.78	-	-	-	-	68.2	-22.42	350	191	V

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

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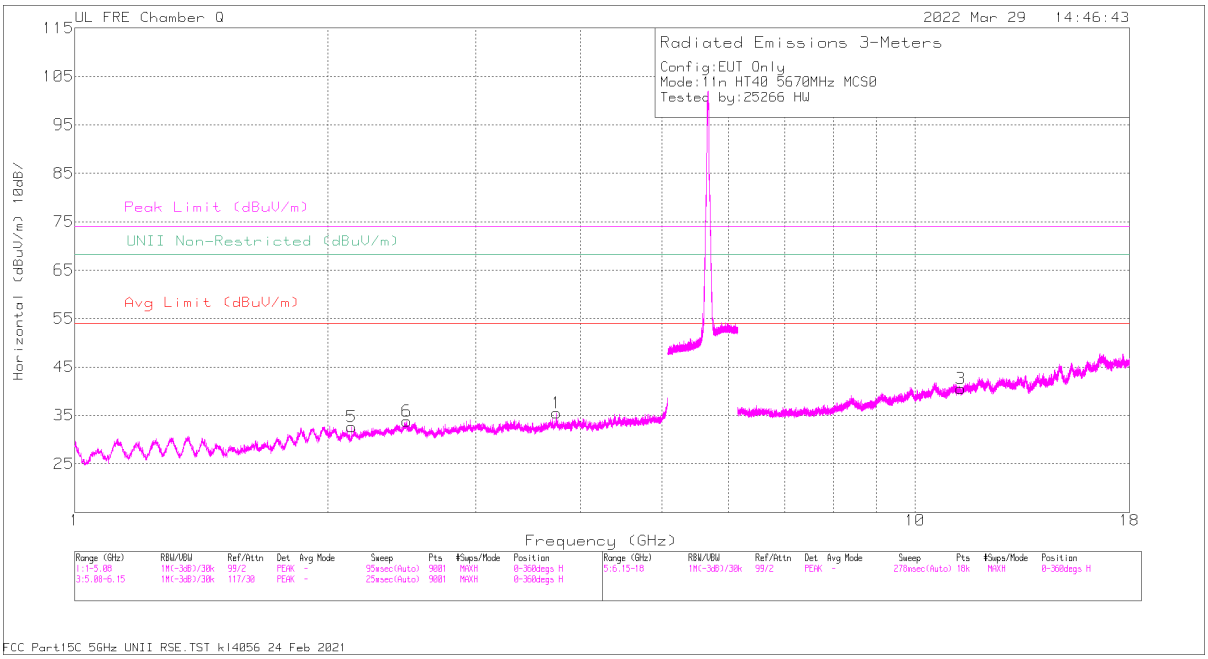
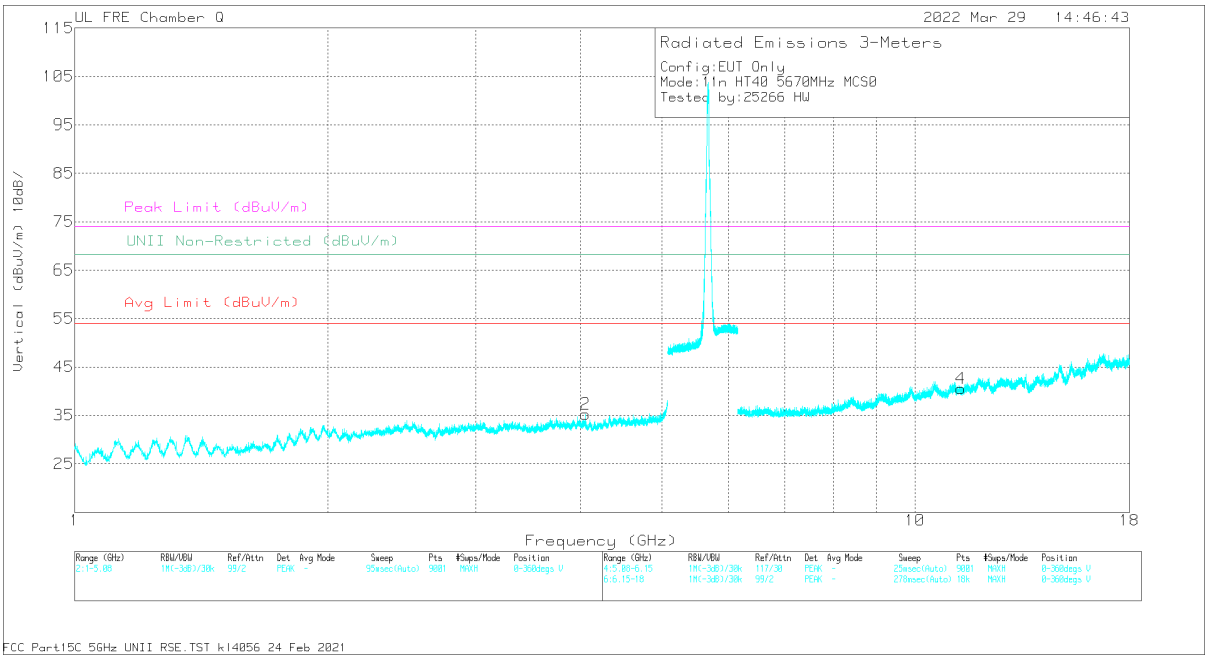
HIGH CHANNEL RESULTS



HORIZONTAL



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RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.746456	39.76	ADR	33.4	-40.8	.21	32.57	54	-21.43	-	-	-	-	3	247	H
	3.747395	51.55	PK-U	33.4	-40.8	0	44.15	-	-	74	-29.85	-	-	3	247	H
2	4.050014	39.29	ADR	33.3	-40.3	.21	32.5	54	-21.5	-	-	-	-	337	182	V
	4.051918	50.95	PK-U	33.3	-40.3	0	43.95	-	-	74	-30.05	-	-	337	182	V
3	11.335369	35.36	ADR	38.1	-33.9	.21	39.77	54	-14.23	-	-	-	-	46	233	H
	11.337157	47.26	PK-U	38.1	-33.9	0	51.46	-	-	74	-22.54	-	-	192	120	H
4	11.334202	35.38	ADR	38.1	-33.9	.21	39.79	54	-14.21	-	-	-	-	192	120	V
	11.334879	46.93	PK-U	38.1	-33.9	0	51.13	-	-	74	-22.87	-	-	46	233	V
5	2.137363	54.17	PK-U	31.1	-44	0	41.27	-	-	-	-	68.2	-26.93	247	188	H
	2.138503	42.51	ADR	31.2	-44	.21	29.84	-	-	-	-	-	-	247	188	H
6	2.484563	42.75	ADR	32.7	-43.8	.21	31.86	54	-22.14	-	-	-	-	97	151	H
	2.485263	54.17	PK-U	32.7	-43.8	0	43.07	-	-	74	-30.93	-	-	97	151	H

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

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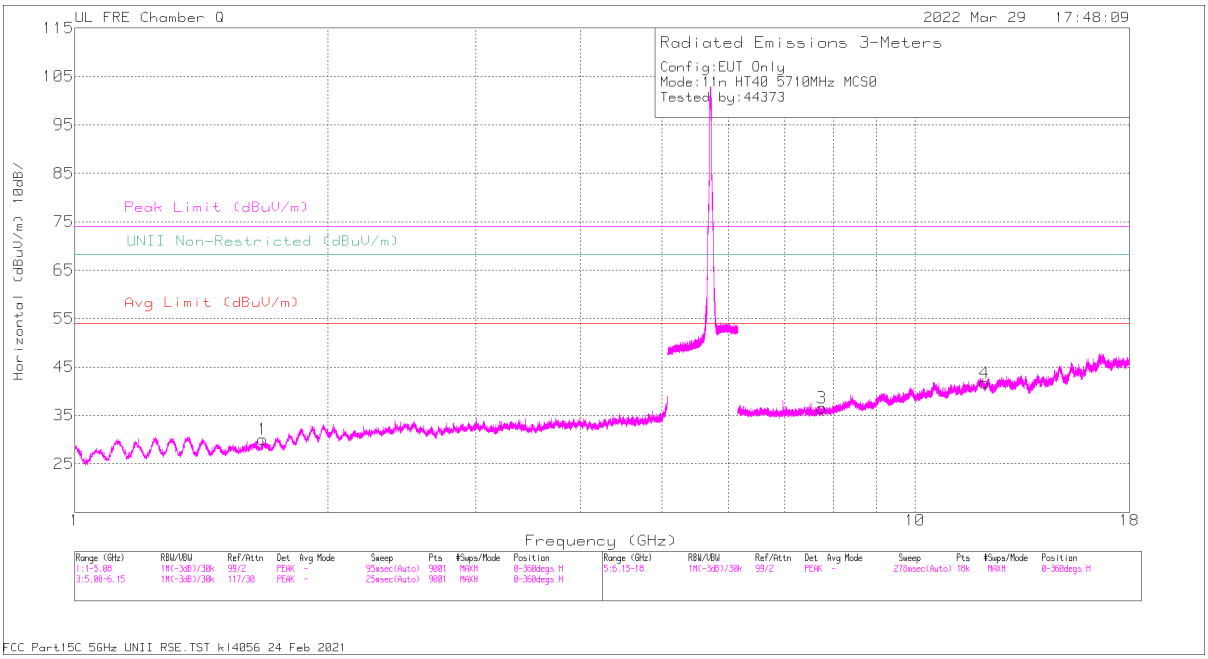
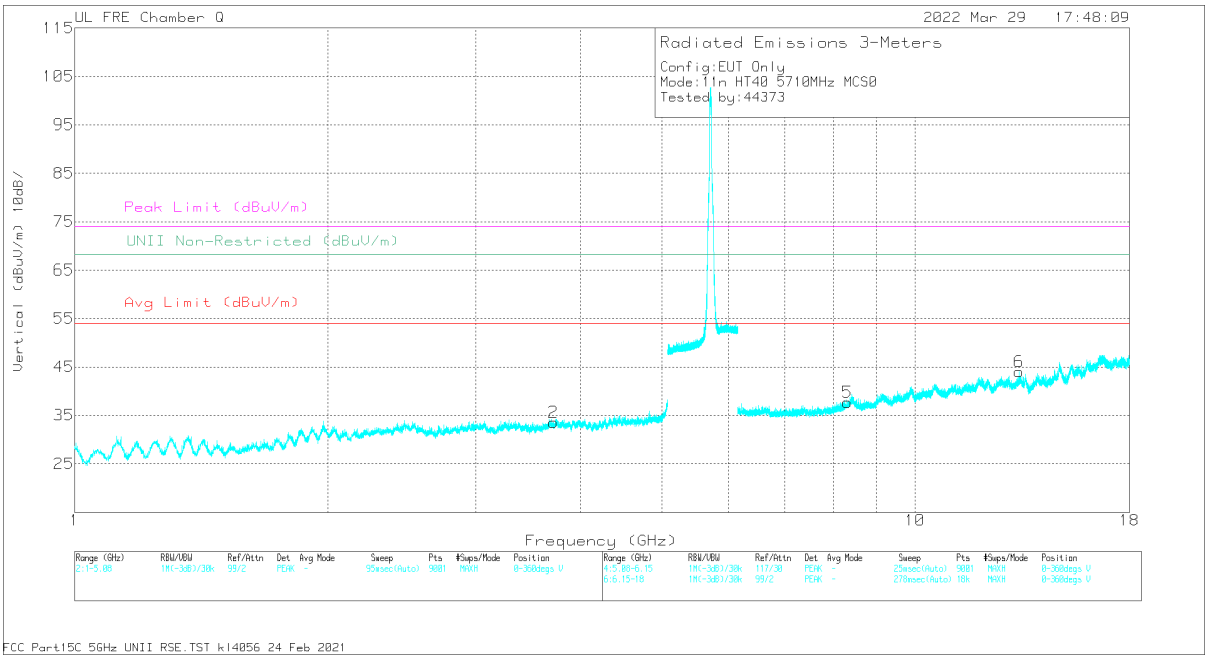
CHANNEL 142 RESULTS



HORIZONTAL



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RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.672949	55.51	PK-U	28.6	-44.4	0	39.71	-	-	74	-34.29	120	161	H
	* 1.674966	43.73	ADR	28.6	-44.5	.21	28.04	54	-25.96	-	-	120	161	H
2	* 3.713479	50.74	PK-U	33.3	-41	0	43.04	-	-	74	-30.96	229	105	V
	* 3.712163	39.52	ADR	33.3	-41	.21	32.03	54	-21.97	-	-	229	105	V
3	* 7.742013	48.47	PK-U	35.9	-37.6	0	46.77	-	-	74	-27.23	39	193	H
	* 7.739231	36.46	ADR	35.9	-37.6	.21	34.97	54	-19.03	-	-	39	193	H
4	* 12.106107	47.43	PK-U	39	-35.1	0	51.33	-	-	74	-22.67	294	221	H
	* 12.106628	35.99	ADR	39	-35.2	.21	40	54	-14	-	-	294	221	H
5	* 8.309768	48.07	PK-U	36	-36.4	0	47.67	-	-	74	-26.33	289	246	V
	* 8.308529	36.51	ADR	36	-36.4	.21	36.32	54	-17.68	-	-	289	246	V
6	* 13.3029	46.2	PK-U	39.1	-33.4	0	51.9	-	-	74	-22.1	324	221	V
	* 13.304299	34.74	ADR	39.2	-33.4	.21	40.75	54	-13.25	-	-	324	221	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

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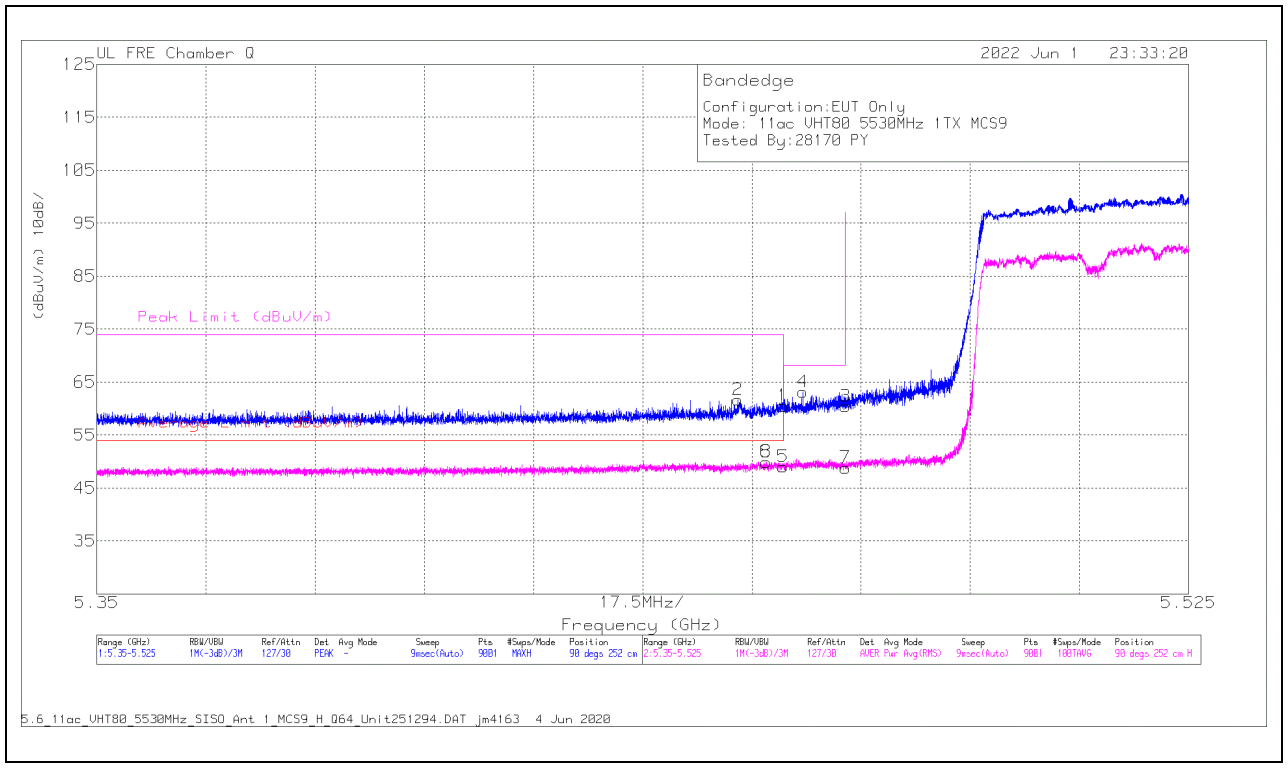
1.1.15. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

1TX Antenna 6

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.46	56.51	Pk	34.5	-30.5	0	60.51	-	-	68.2	-7.69	90	252	H
2	5.452742	57.55	Pk	34.6	-30.5	0	61.65	-	-	74	-12.35	90	252	H
3	5.47	56.43	Pk	34.5	-30.5	0	60.43	-	-	68.2	-7.77	90	252	H
4	5.463145	59.21	Pk	34.5	-30.6	0	63.11	-	-	68.2	-5.09	90	252	H
5	5.46	43.91	RMS	34.5	-30.5	1.28	49.19	54	-4.81	-	-	90	252	H
6	5.457292	44.85	RMS	34.5	-30.5	1.28	50.13	54	-3.87	-	-	90	252	H
7	5.47	43.73	RMS	34.5	-30.5	1.28	49.01	-	-	-	-	90	252	H
8	5.457292	44.85	RMS	34.5	-30.5	1.28	50.13	54	-3.87	-	-	90	252	H

Pk - Peak detector
RMS - RMS detection

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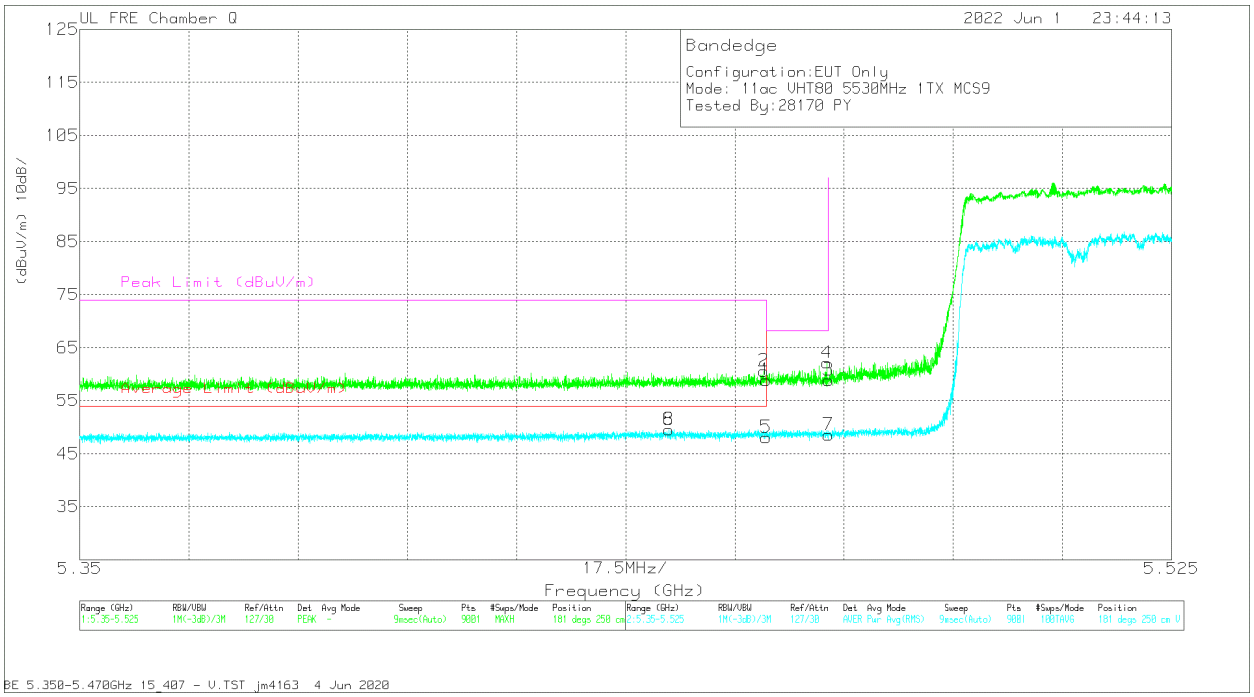
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.46	54.9	Pk	34.5	-30.5	0	58.9	-	-	68.2	-9.3	181	250	V
2	5.459606	56.58	Pk	34.5	-30.5	0	60.58	-	-	74	-13.42	181	250	V
3	5.47	54.87	Pk	34.5	-30.5	0	58.87	-	-	68.2	-9.33	181	250	V
4	5.469756	58.15	Pk	34.5	-30.5	0	62.15	-	-	68.2	-6.05	181	250	V
5	5.46	42.99	RMS	34.5	-30.5	1.28	48.27	54	-5.73	-	-	181	250	V
6	5.44444	44.46	RMS	34.5	-30.5	1.28	49.74	54	-4.26	-	-	181	250	V
7	5.47	43.49	RMS	34.5	-30.5	1.28	48.77	-	-	-	-	181	250	V
8	5.44444	44.46	RMS	34.5	-30.5	1.28	49.74	54	-4.26	-	-	181	250	V

Pk - Peak detector
RMS - RMS detection

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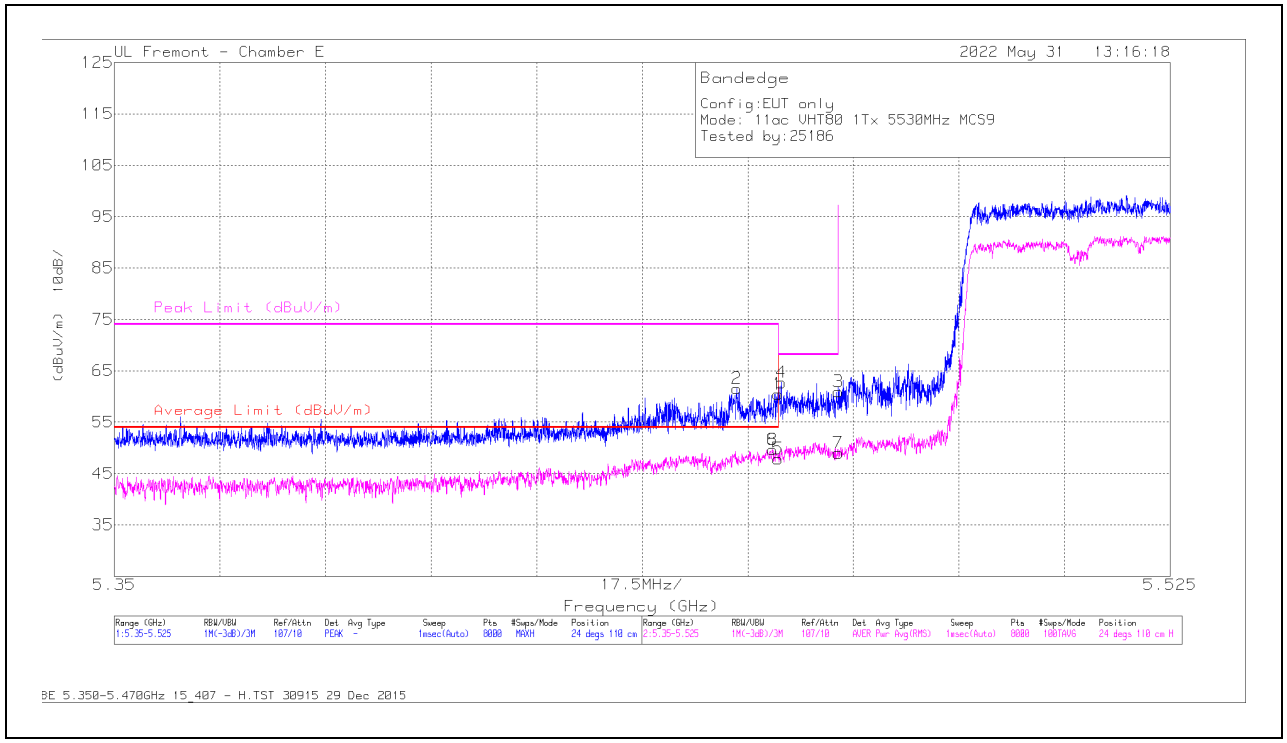
1TX Antenna 5

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	46.75	Pk	34.4	-20.7	0	60.45	-	-	68.2	-7.75	24	110	H
2	* 5.453199	47.84	Pk	34.4	-20.7	0	61.54	-	-	74	-12.46	24	110	H
3	5.47	47.22	Pk	34.4	-20.7	0	60.92	-	-	68.2	-7.28	24	110	H
4	5.46055	49.01	Pk	34.4	-20.7	0	62.71	-	-	68.2	-5.49	24	110	H
5	* 5.46	33.09	RMS	34.4	-20.7	1.28	48.07	54	-5.93	-	-	24	110	H
6	* 5.459149	34.88	RMS	34.4	-20.7	1.28	49.86	54	-4.14	-	-	24	110	H
7	5.47	34.24	RMS	34.4	-20.7	1.28	49.22	-	-	-	-	24	110	H
8	* 5.459149	34.88	RMS	34.4	-20.7	1.28	49.86	54	-4.14	-	-	24	110	H

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

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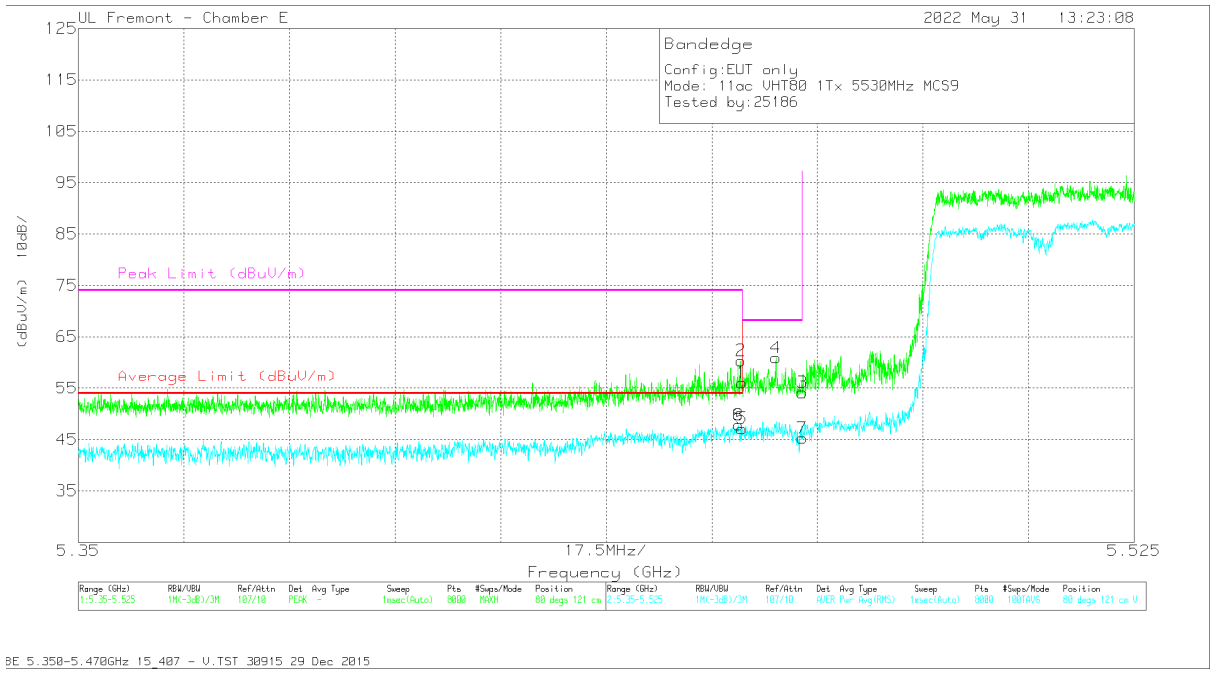
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	42.38	Pk	34.4	-20.7	0	56.08	-	-	68.2	-12.12	80	121	V
2	* 5.459806	46.64	Pk	34.4	-20.7	0	60.34	-	-	74	-13.66	80	121	V
3	5.47	40.46	Pk	34.4	-20.7	0	54.16	-	-	68.2	-14.04	80	121	V
4	5.465625	47.21	Pk	34.4	-20.7	0	60.91	-	-	68.2	-7.29	80	121	V
5	* 5.46	32.37	RMS	34.4	-20.7	1.28	47.35	54	-6.65	-	-	80	121	V
6	* 5.459412	33.05	RMS	34.4	-20.7	1.28	48.03	54	-5.97	-	-	80	121	V
7	5.47	30.47	RMS	34.4	-20.7	1.28	45.45	-	-	-	-	80	121	V
8	* 5.459412	33.05	RMS	34.4	-20.7	1.28	48.03	54	-5.97	-	-	80	121	V

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

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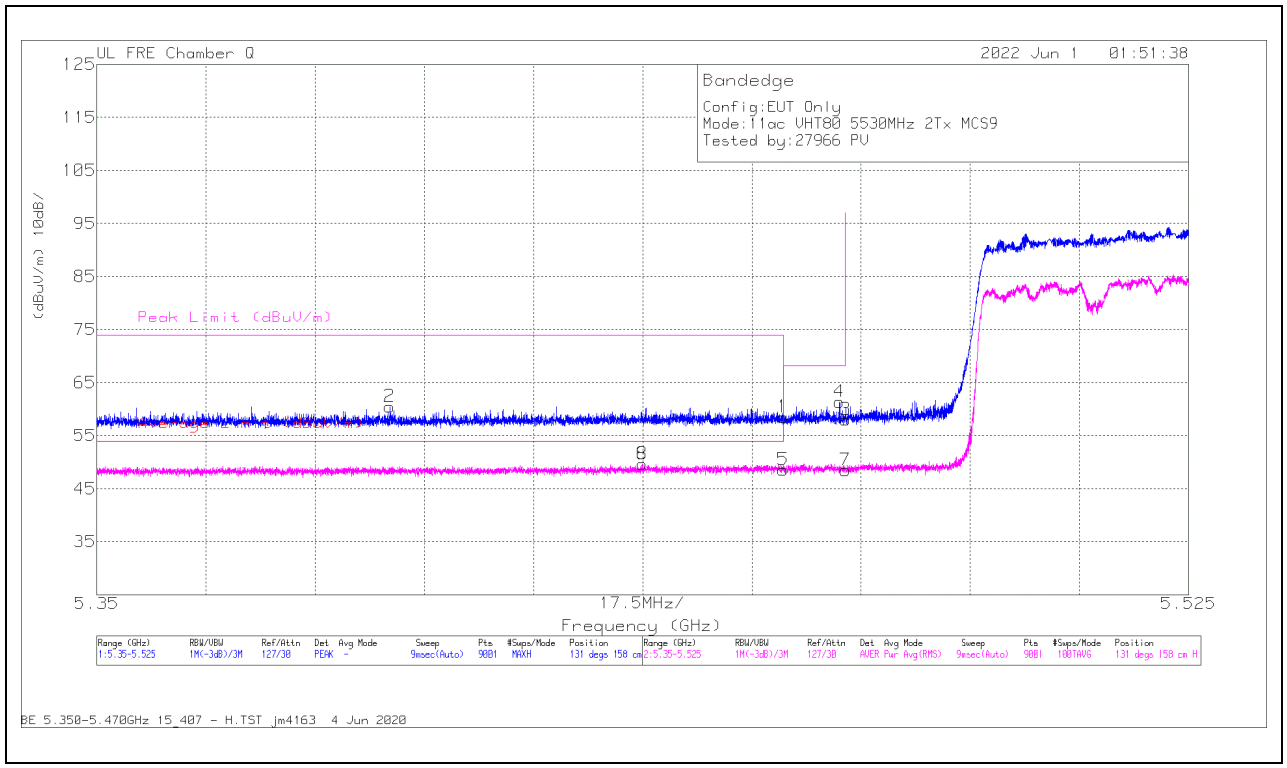
2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.46	54.49	Pk	34.5	-30.5	0	58.49	-	-	68.2	-9.71	131	158	H
2	5.396938	56.58	Pk	34.5	-30.6	0	60.48	-	-	74	-13.52	131	158	H
3	5.47	54.01	Pk	34.5	-30.5	0	58.01	-	-	68.2	-10.19	131	158	H
4	5.469056	57.36	Pk	34.5	-30.5	0	61.36	-	-	68.2	-6.84	131	158	H
5	5.46	43.28	RMS	34.5	-30.5	1.28	48.56	54	-5.44	-	-	131	158	H
6	5.437401	44.46	RMS	34.5	-30.6	1.28	49.64	54	-4.36	-	-	131	158	H
7	5.47	43.21	RMS	34.5	-30.5	1.28	48.49	-	-	-	-	131	158	H
8	5.437401	44.46	RMS	34.5	-30.6	1.28	49.64	54	-4.36	-	-	131	158	H

Pk - Peak detector
RMS - RMS detection

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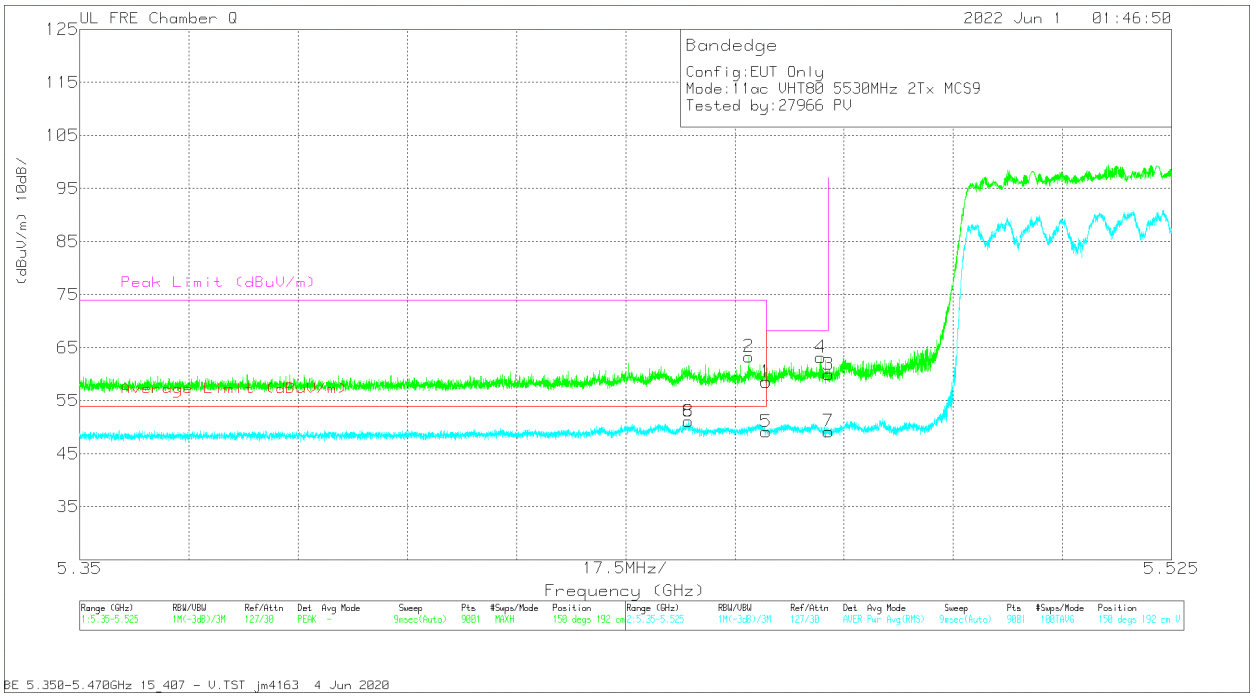
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.46	54.56	Pk	34.5	-30.5	0	58.56	-	-	68.2	-9.64	150	192	V
2	5.457214	59.29	Pk	34.5	-30.5	0	63.29	-	-	74	-10.71	150	192	V
3	5.47	55.92	Pk	34.5	-30.5	0	59.92	-	-	68.2	-8.28	150	192	V
4	5.468764	59.16	Pk	34.5	-30.5	0	63.16	-	-	68.2	-5.04	150	192	V
5	5.46	43.83	RMS	34.5	-30.5	1.28	49.13	54	-4.89	-	-	150	192	V
6	5.447551	45.8	RMS	34.5	-30.5	1.28	51.08	54	-2.92	-	-	150	192	V
7	5.47	43.92	RMS	34.5	-30.5	1.28	49.20	-	-	-	-	150	192	V
8	5.447551	45.8	RMS	34.5	-30.5	1.28	51.08	54	-2.92	-	-	150	192	V

Pk - Peak detector
RMS - RMS detection

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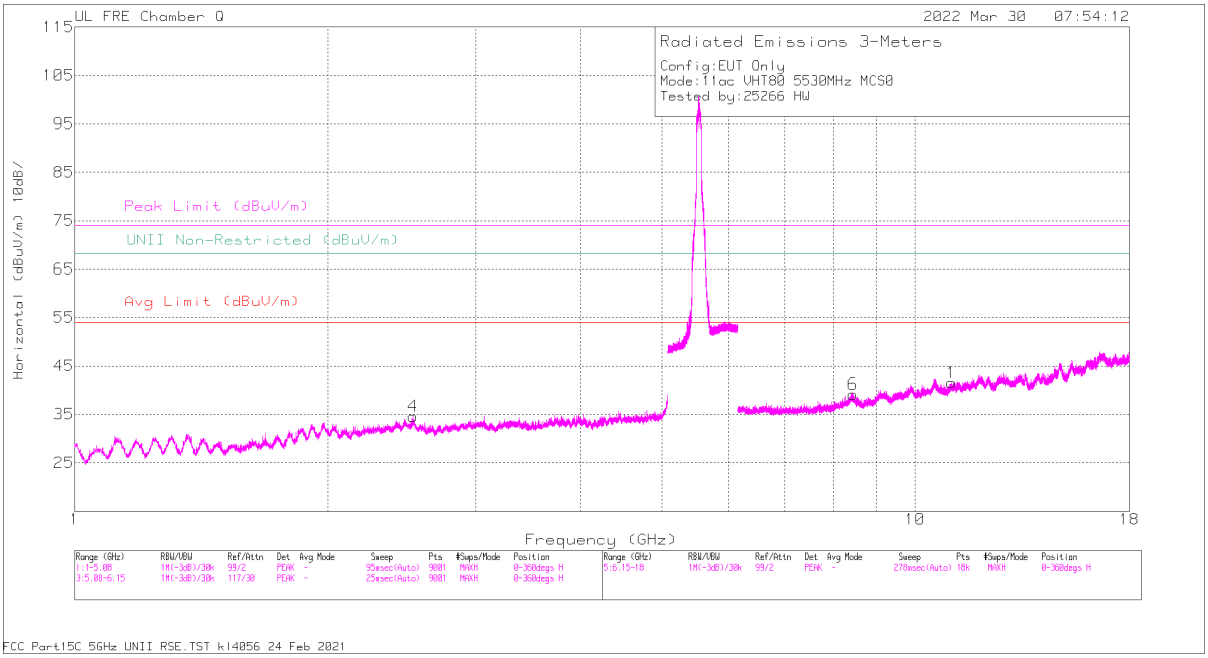
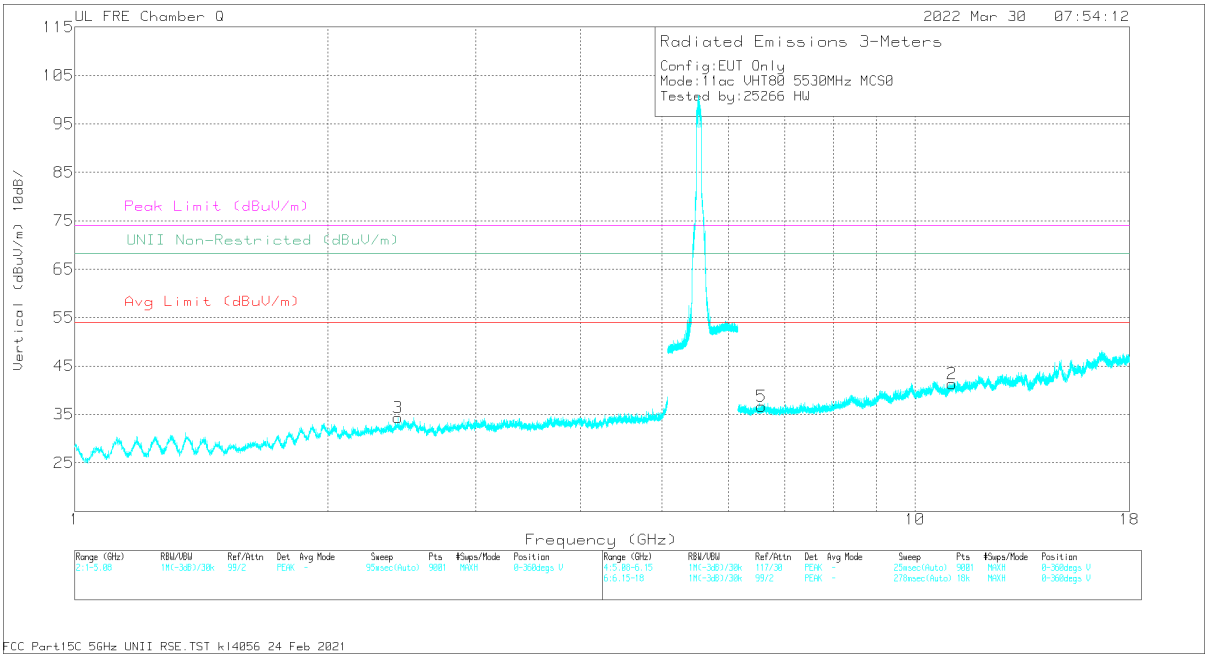
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	11.058581	34.61	ADR	38	-33.4	.35	39.56	54	-14.44	-	-	-	-	348	177	H
	11.059044	46.25	PK-U	38	-33.4	0	50.85	-	-	74	-23.15	-	-	348	177	H
2	11.064512	46	PK-U	37.9	-33.4	0	50.5	-	-	74	-23.5	-	-	64	211	V
	11.065493	34.73	ADR	38	-33.4	.35	39.68	54	-14.32	-	-	-	-	64	211	V
3	2.422824	54.83	PK-U	32	-44	0	42.83	-	-	-	-	68.2	-25.37	107	208	V
4	2.525931	55.11	PK-U	32.7	-43.7	0	44.11	-	-	-	-	68.2	-24.09	203	115	H
5	6.571193	48.55	PK-U	35.6	-37.9	0	46.25	-	-	-	-	68.2	-21.95	171	121	V
6	8.44572	37	ADR	35.9	-35.7	.35	37.55	54	-16.45	-	-	-	-	286	203	H
	8.446271	48.37	PK-U	35.9	-35.7	0	48.57	-	-	74	-25.43	-	-	286	203	H

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

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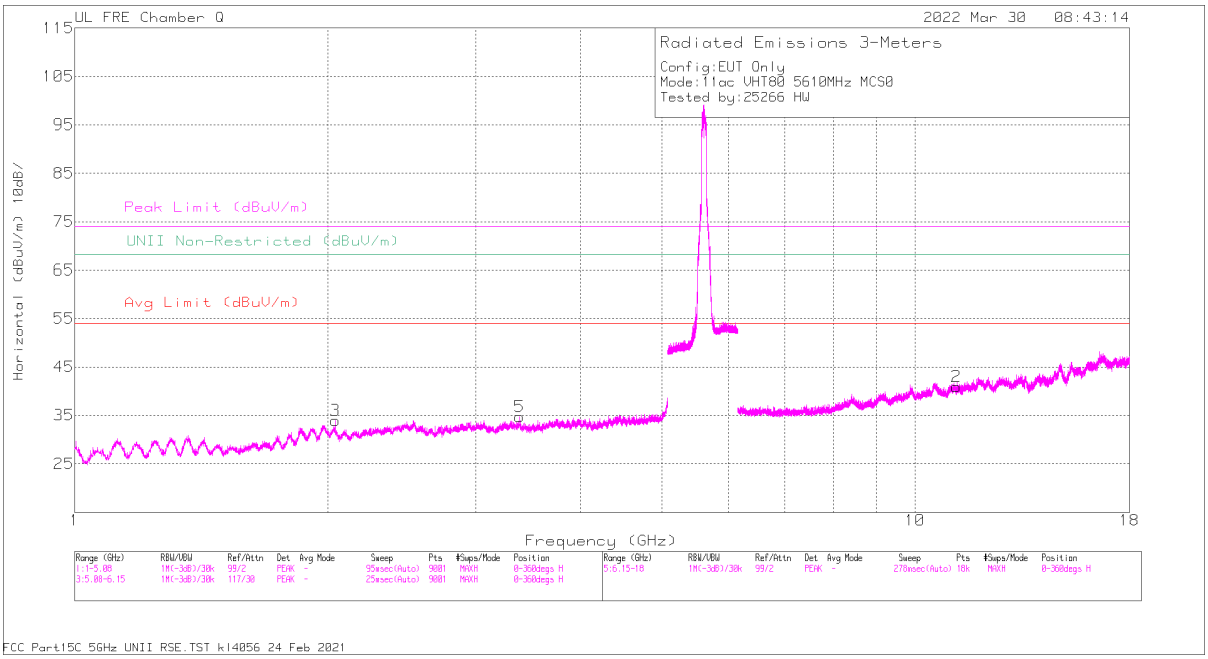
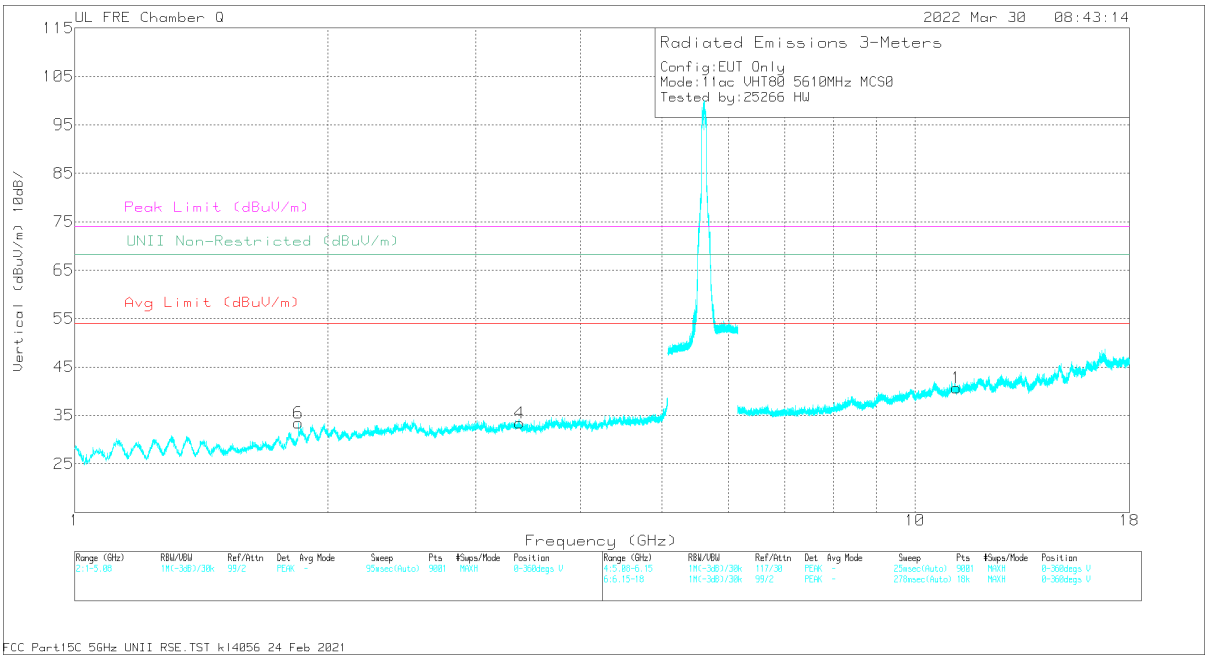
HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	11.196705	45.42	PK-U	38.1	-33.5	0	50.02	-	-	74	-23.98	-	-	67	160	V
	11.198529	34.06	ADR	38.1	-33.5	.35	39.01	54	-14.99	-	-	-	-	67	160	V
2	11.195938	46.01	PK-U	38.1	-33.5	0	50.61	-	-	74	-23.39	-	-	38	162	H
	11.198392	33.95	ADR	38.1	-33.5	.35	38.9	54	-15.1	-	-	-	-	38	162	H
3	2.870352	53.65	PK-U	32.3	-43.4	0	42.55	-	-	74	-31.45	-	-	323	169	H
	2.885267	42.31	ADR	32.4	-43.3	.35	31.76	54	-22.24	-	-	-	-	323	169	H
4	3.384089	52.18	PK-U	32.6	-41.2	0	43.58	-	-	-	-	68.2	-24.62	126	131	V
	3.385867	40.53	ADR	32.6	-41.1	.35	32.38	-	-	-	-	-	-	126	131	V
5	3.38624	52.34	PK-U	32.6	-41.1	0	43.84	-	-	-	-	68.2	-24.36	91	175	H
	3.386432	40.45	ADR	32.6	-41.2	.35	32.2	-	-	-	-	-	-	91	175	H
6	1.847388	43.92	ADR	30.8	-44.5	.35	30.57	-	-	-	-	-	-	209	232	V
	1.847972	55.13	PK-U	30.8	-44.5	0	41.43	-	-	-	-	68.2	-26.77	209	232	V

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

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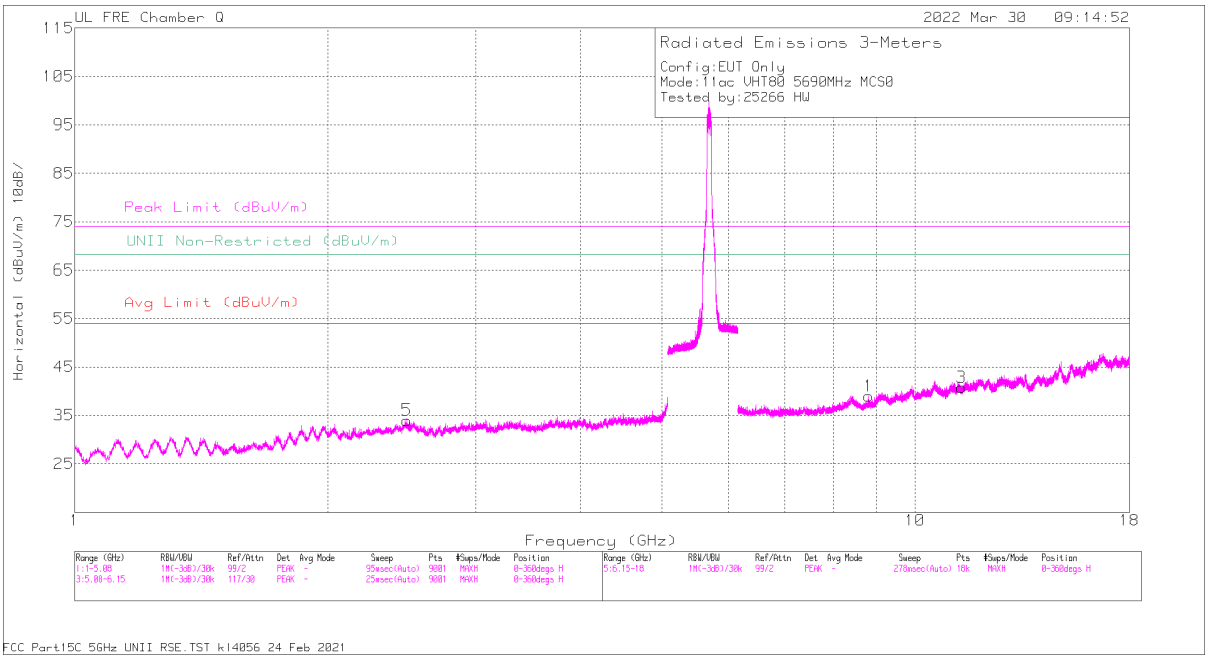
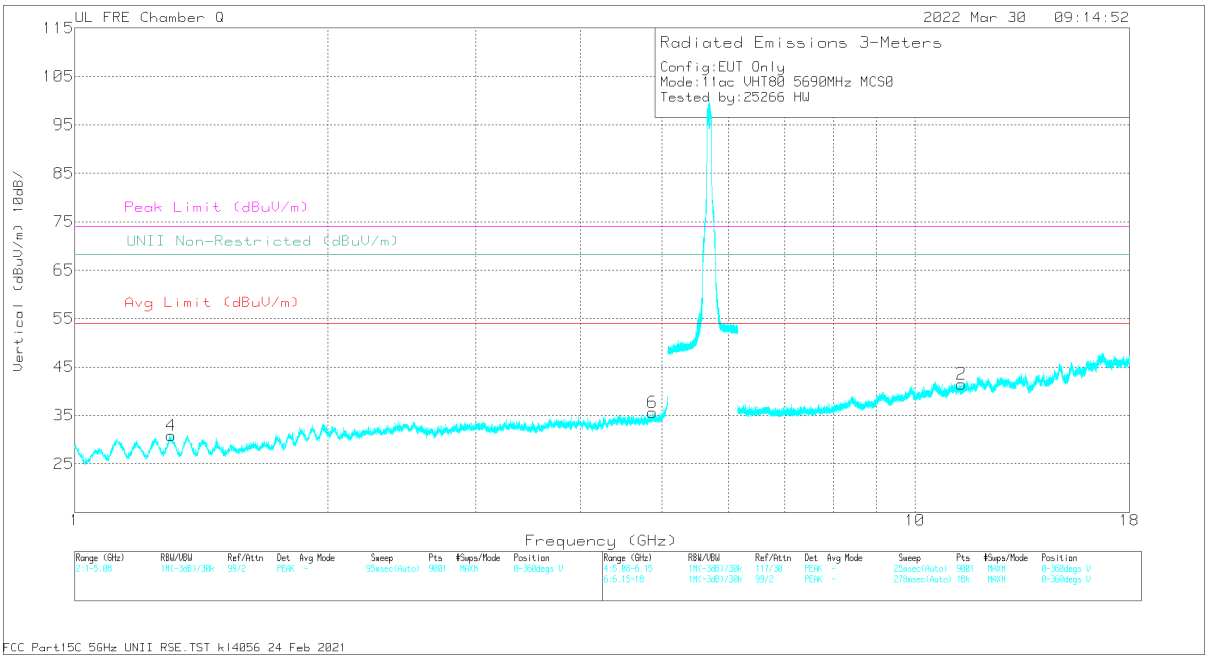
CHANNEL 138 RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.8167	47.79	PK-U	36.1	-35.4	0	48.49	-	-	-	-	68.2	-19.71	117	166	H
	11.365515	46.36	PK-U	38.2	-33.9	0	50.66	-	-	74	-23.34	-	-	286	400	V
2	11.365515	46.36	PK-U	38.2	-33.9	0	50.66	-	-	74	-23.34	-	-	286	400	V
	11.366928	35.13	ADR	38.1	-33.9	.35	39.68	54	-14.32	-	-	-	-	286	400	V
3	11.363264	46.4	PK-U	38.1	-33.9	0	50.6	-	-	74	-23.4	-	-	199	202	H
	11.366051	35.22	ADR	38.2	-33.9	.35	39.87	54	-14.13	-	-	-	-	199	202	H
4	1.303554	56.74	PK-U	28.7	-45.1	0	40.34	-	-	74	-33.66	-	-	195	199	V
	1.304013	45.41	ADR	28.7	-45.1	.35	29.36	54	-24.64	-	-	-	-	195	199	V
5	2.484843	54.69	PK-U	32.7	-43.8	0	43.59	-	-	74	-30.41	-	-	189	241	H
	2.48495	43.08	ADR	32.7	-43.8	.35	32.33	54	-21.67	-	-	-	-	189	241	H
6	4.868107	51.6	PK-U	33.9	-40.6	0	44.9	-	-	74	-29.1	-	-	74	119	V
	4.868319	39.92	ADR	33.9	-40.6	.35	33.57	54	-20.43	-	-	-	-	74	119	V

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

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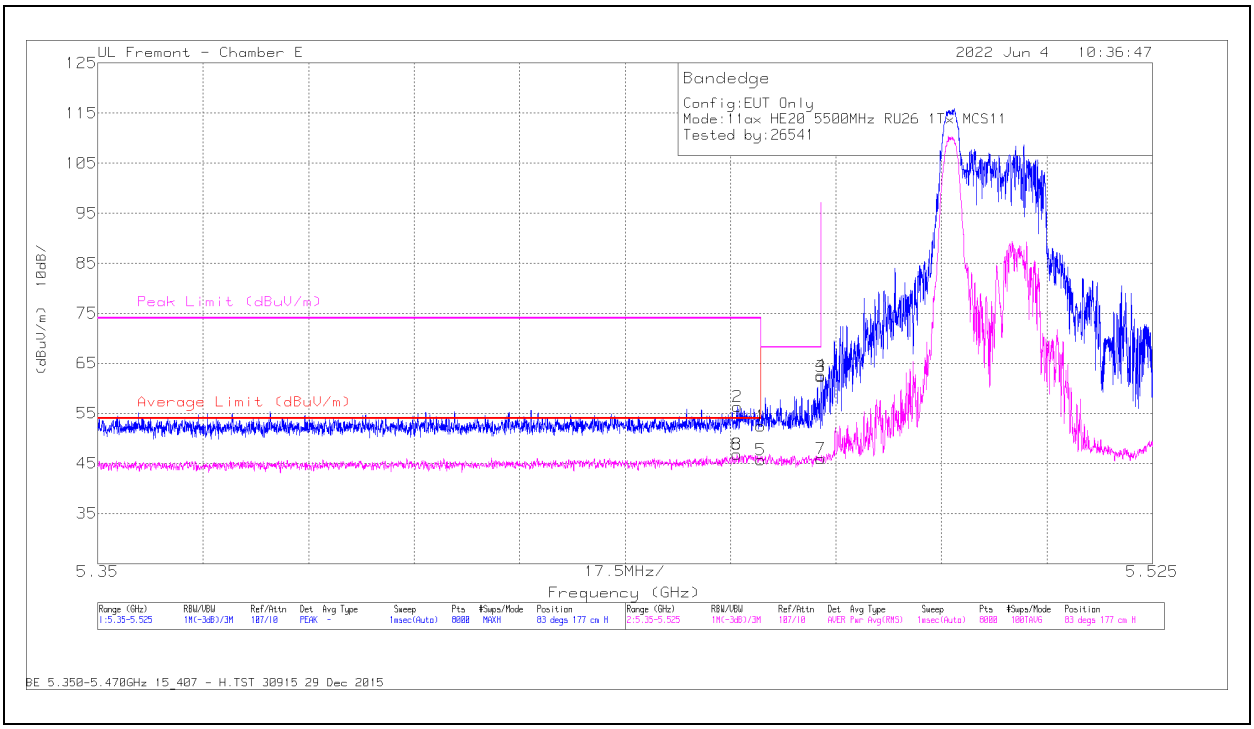
1.1.16. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.6GHz BAND

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.75	Pk	34.4	-20.7	0	52.45	-	-	68.2	-15.75	83	177	H
2	* 5.456196	42.6	Pk	34.4	-20.7	0	56.3	-	-	74	-17.7	83	177	H
3	5.47	48.7	Pk	34.4	-20.7	0	62.4	-	-	68.2	-5.8	83	177	H
4	5.469979	48.87	Pk	34.4	-20.7	0	62.57	-	-	68.2	-5.63	83	177	H
5	* 5.46	31.52	RMS	34.4	-20.7	.46	45.68	54	-8.32	-	-	83	177	H
6	* 5.456065	32.68	RMS	34.4	-20.7	.46	46.84	54	-7.16	-	-	83	177	H
7	5.47	31.77	RMS	34.4	-20.7	.46	45.93	-	-	-	-	83	177	H
8	* 5.456065	32.68	RMS	34.4	-20.7	.46	46.84	54	-7.16	-	-	83	177	H

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

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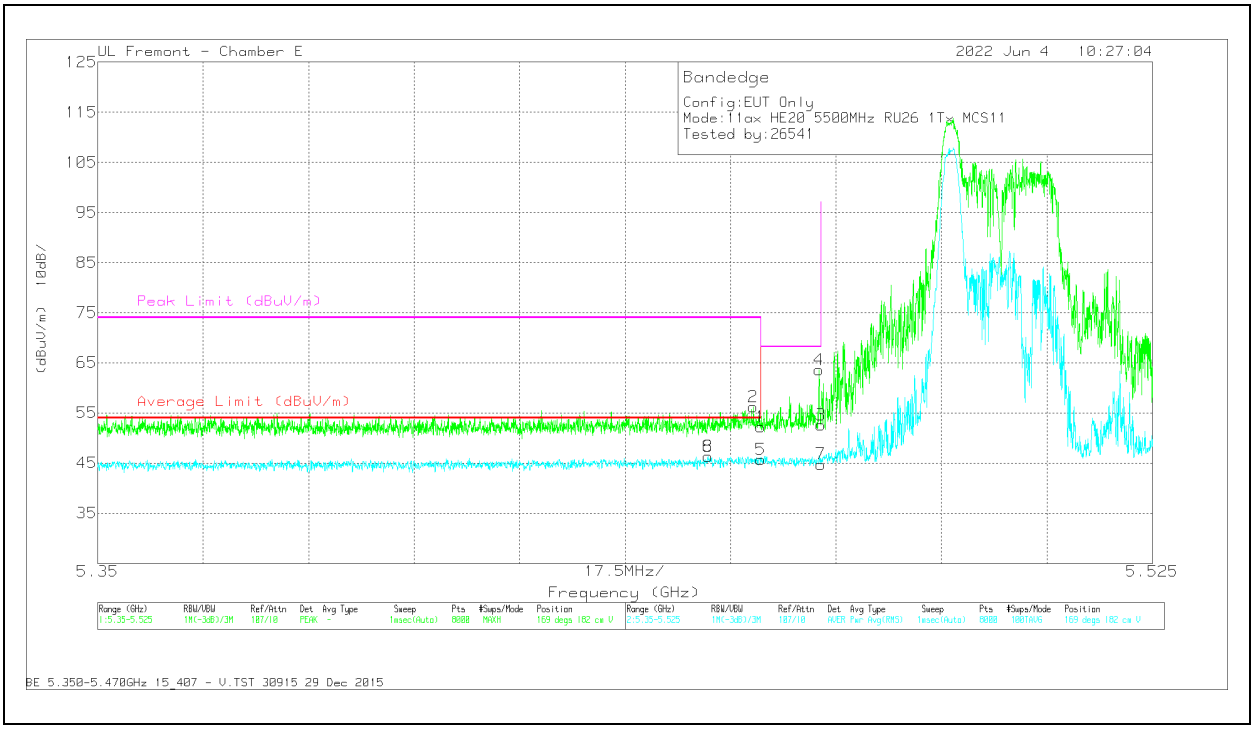
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.56	Pk	34.4	-20.7	0	52.26	-	-	68.2	-15.94	169	182	V
2	* 5.458777	42.56	Pk	34.4	-20.7	0	56.26	-	-	74	-17.74	169	182	V
3	5.47	38.87	Pk	34.4	-20.7	0	52.57	-	-	68.2	-15.63	169	182	V
4	5.469673	49.88	Pk	34.4	-20.7	0	63.58	-	-	68.2	-4.62	169	182	V
5	* 5.46	31.55	RMS	34.4	-20.7	.46	45.71	54	-8.29	-	-	169	182	V
6	* 5.451251	32.17	RMS	34.4	-20.7	.46	46.34	54	-7.66	-	-	169	182	V
7	5.47	30.61	RMS	34.4	-20.7	.46	44.77	-	-	-	-	169	182	V
8	* 5.451251	32.17	RMS	34.4	-20.7	.46	46.33	54	-7.67	-	-	169	182	V

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

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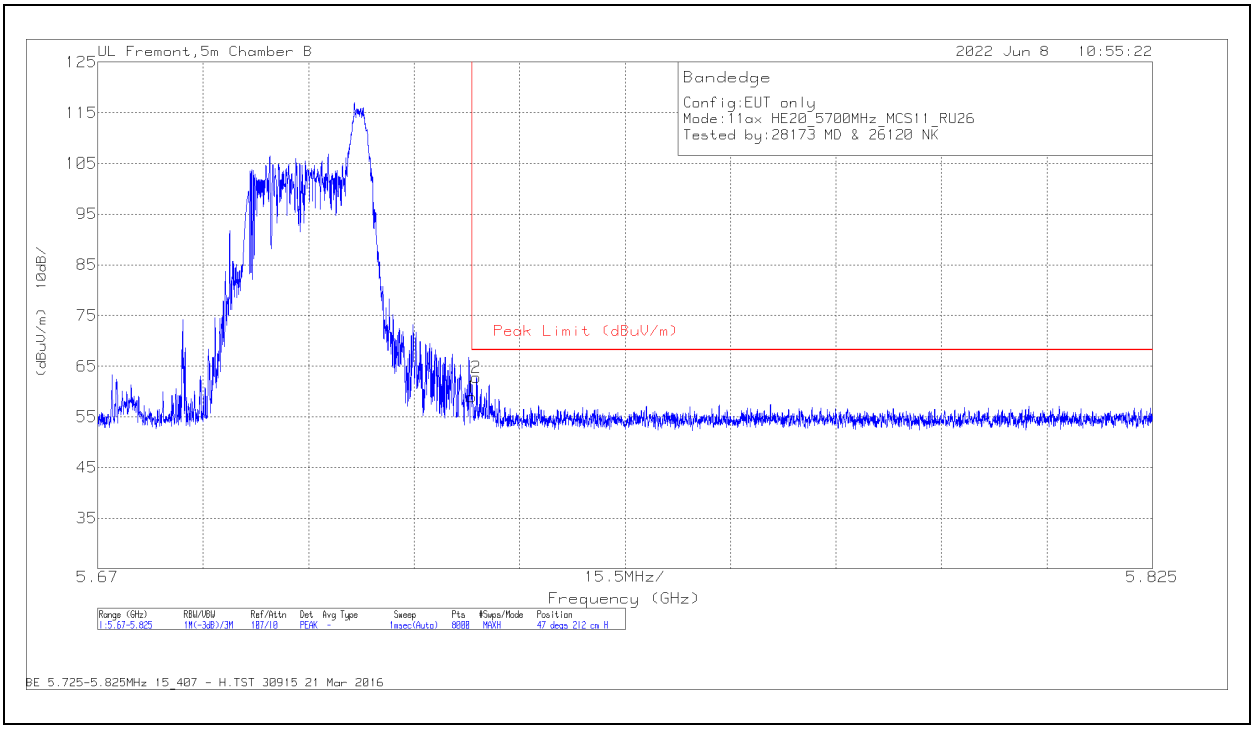
1TX Antenna 6 MODE: 26-Tones, RU Index 8

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81886 ACF (dB)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.81	Pk	35	-19.8	0	59.01	68.2	-9.19	47	212	H
2	5.725651	47.57	Pk	35	-19.8	0	62.77	68.2	-5.43	47	212	H

Pk - Peak detector

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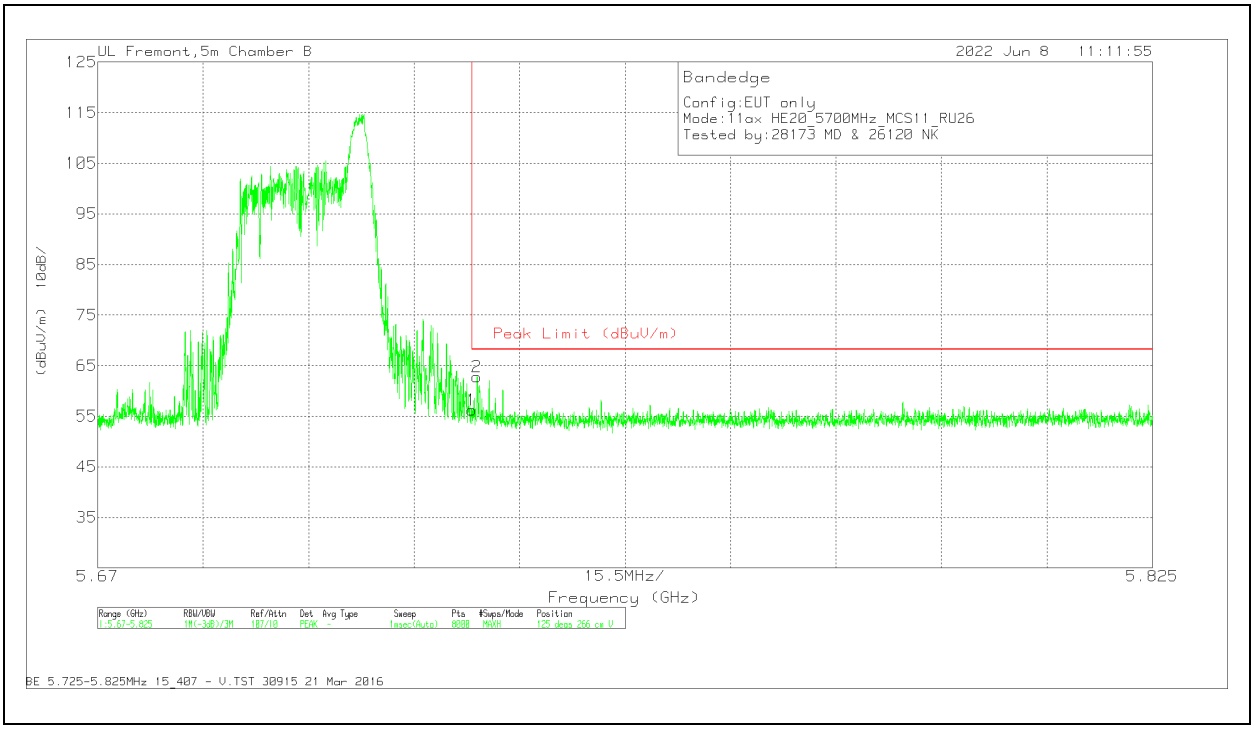
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81886 ACF (dB)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	41.03	Pk	35	-19.8	0	56.23	68.2	-11.97	125	266	V
2	5.725748	47.6	Pk	35	-19.8	0	62.8	68.2	-5.4	125	266	V

Pk - Peak detector

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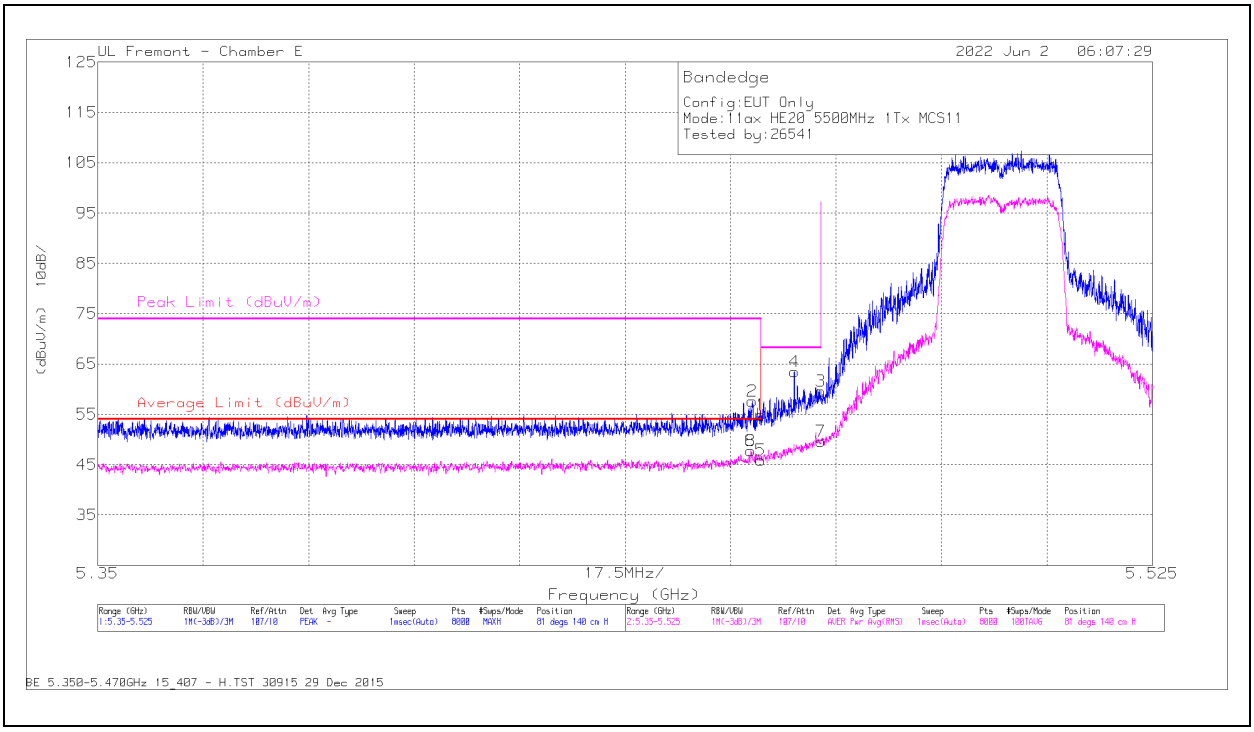
1TX Antenna 6 MODE: SU, Single User

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	41.11	Pk	34.4	-20.7	0	54.81	-	-	68.2	-13.39	81	140	H
2	* 5.458602	43.89	Pk	34.4	-20.7	0	57.59	-	-	74	-16.41	81	140	H
3	5.47	45.93	Pk	34.4	-20.7	0	59.63	-	-	68.2	-8.57	81	140	H
4	5.465581	49.81	Pk	34.4	-20.7	0	63.51	-	-	68.2	-4.69	81	140	H
5	* 5.46	31.55	RMS	34.4	-20.7	.61	45.86	54	-8.14	-	-	81	140	H
6	* 5.458384	33.44	RMS	34.4	-20.7	.61	47.75	54	-6.25	-	-	81	140	H
7	5.47	35.3	RMS	34.4	-20.7	.61	49.61	-	-	-	-	81	140	H
8	* 5.458384	33.44	RMS	34.4	-20.7	.61	47.75	54	-6.25	-	-	81	140	H

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

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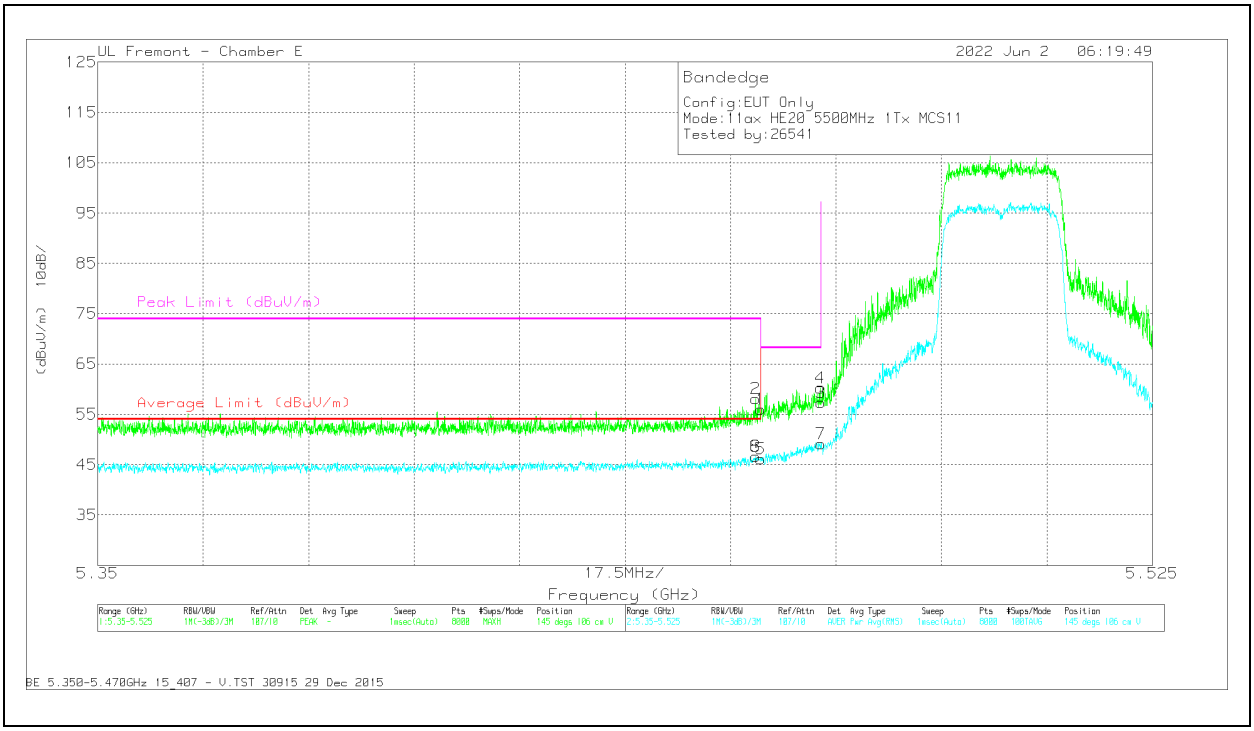
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	42.33	Pk	34.4	-20.7	0	56.03	-	-	68.2	-12.17	145	106	V
2	* 5.459171	44.37	Pk	34.4	-20.7	0	58.07	-	-	74	-15.93	145	106	V
3	5.47	43.66	Pk	34.4	-20.7	0	57.36	-	-	68.2	-10.84	145	106	V
4	5.46987	46.57	Pk	34.4	-20.7	0	60.27	-	-	68.2	-7.93	145	106	V
5	* 5.46	31.79	RMS	34.4	-20.7	.61	46.10	54	-7.90	-	-	145	106	V
6	* 5.459171	32.33	RMS	34.4	-20.7	.61	46.64	54	-7.36	-	-	145	106	V
7	5.47	34.83	RMS	34.4	-20.7	.61	49.14	-	-	-	-	145	106	V
8	* 5.459171	32.33	RMS	34.4	-20.7	.61	46.64	54	-7.36	-	-	145	106	V

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

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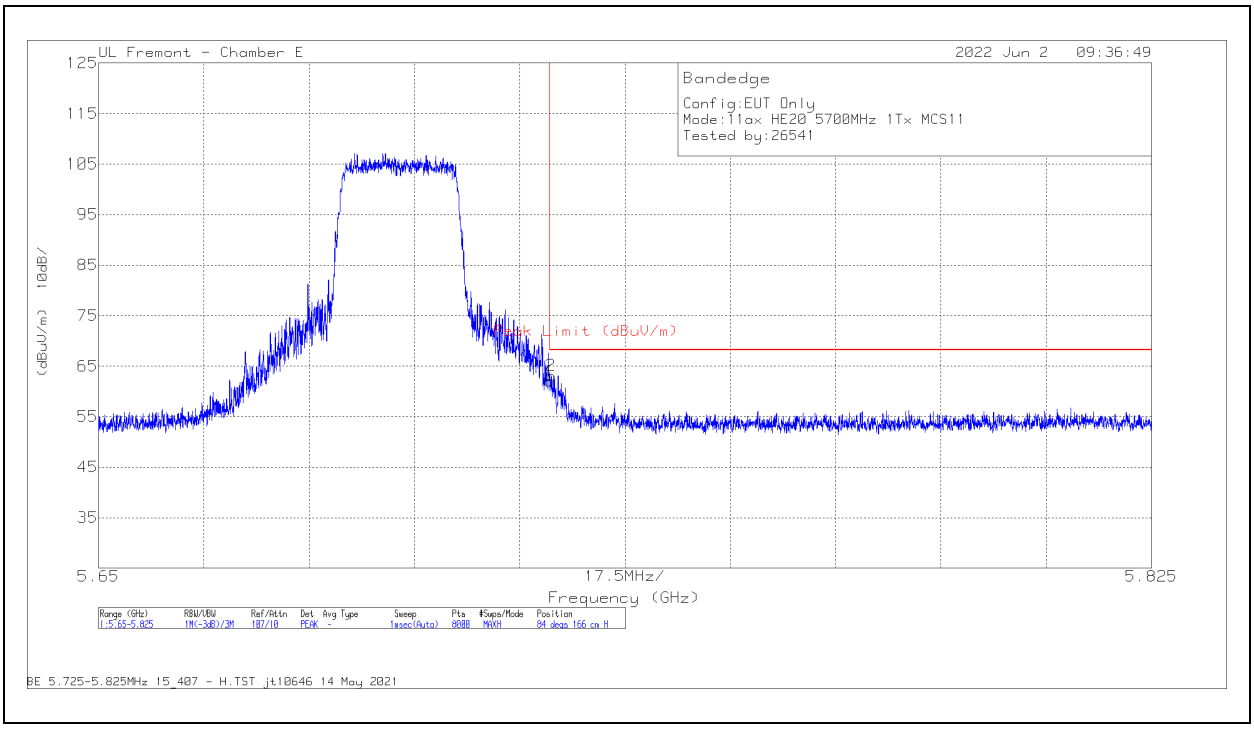
BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	47.7	Pk	34.7	-20.3	0	62.1	68.2	-6.1	84	166	H
2	5.725217	48.77	Pk	34.7	-20.3	0	63.17	68.2	-5.03	84	166	H

Pk - Peak detector

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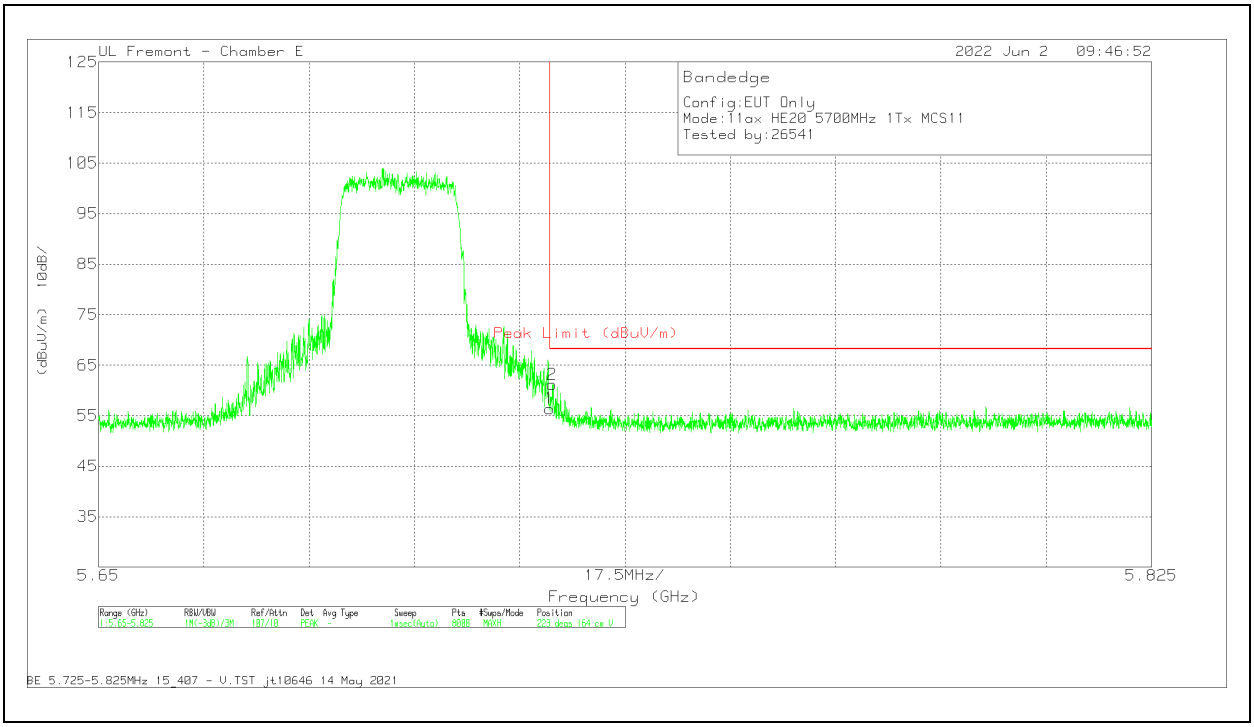
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.02	Pk	34.7	-20.3	0	56.42	68.2	-11.78	223	164	V
2	5.725392	46.83	Pk	34.7	-20.3	0	61.23	68.2	-6.97	223	164	V

Pk - Peak detector

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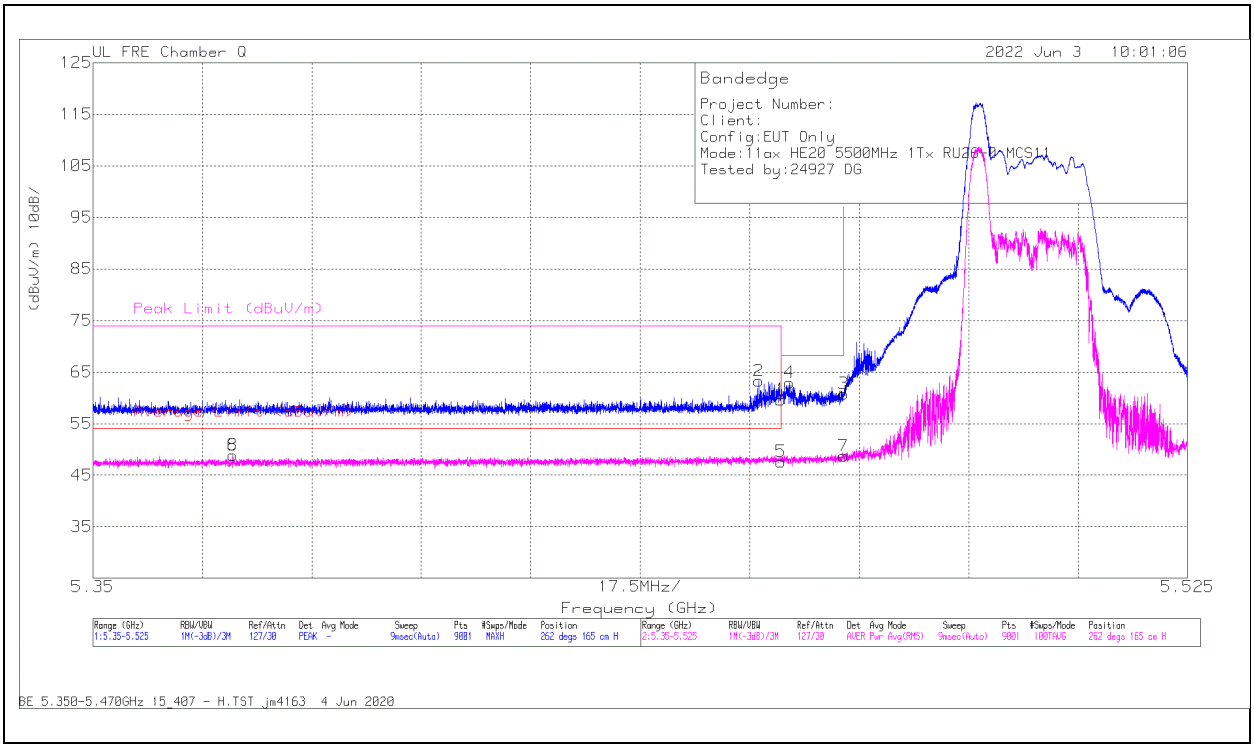
1TX Antenna 5 MODE: 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.46	55.67	Pk	34.5	-30.5	0	59.67	-	-	68.2	-8.53	262	165	H
2	5.456475	59.25	Pk	34.5	-30.5	0	63.25	-	-	74	-10.75	262	165	H
3	5.47	56.81	Pk	34.5	-30.5	0	60.81	-	-	68.2	-7.39	262	165	H
4	5.461375	58.89	Pk	34.5	-30.5	0	62.89	-	-	68.2	-5.31	262	165	H
5	5.46	43.17	RMS	34.5	-30.5	.46	47.63	54	-6.37	-	-	262	165	H
6	5.37238	44.72	RMS	34.5	-30.8	.46	48.88	54	-5.12	-	-	262	165	H
7	5.47	44.21	RMS	34.5	-30.5	.46	48.67	-	-	-	-	262	165	H
8	5.37238	44.72	RMS	34.5	-30.8	.46	48.88	54	-5.12	-	-	262	165	H

Pk - Peak detector
RMS - RMS detection

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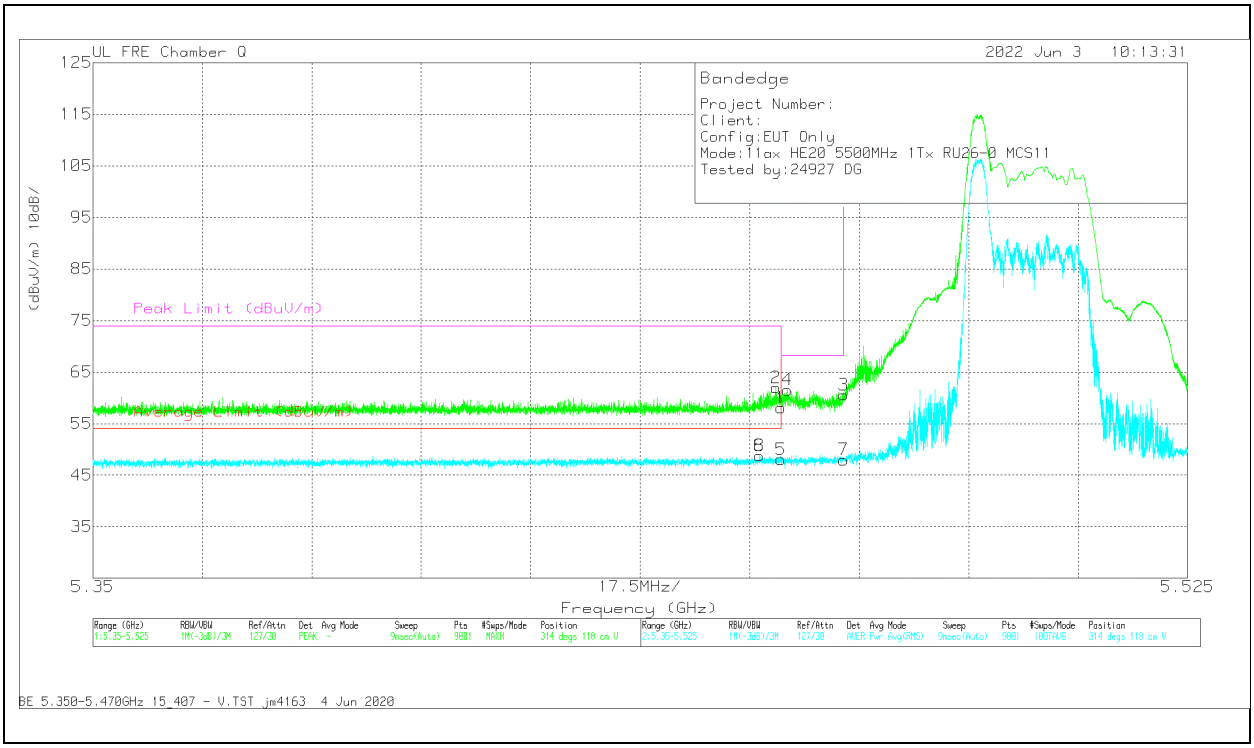
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.46	54.06	Pk	34.5	-30.5	0	58.06	-	-	68.2	-10.14	314	118	V
2	5.459217	57.97	Pk	34.5	-30.5	0	61.97	-	-	74	-12.03	314	118	V
3	5.47	56.57	Pk	34.5	-30.5	0	60.57	-	-	68.2	-7.63	314	118	V
4	5.461025	57.52	Pk	34.5	-30.5	0	61.52	-	-	68.2	-6.68	314	118	V
5	5.46	43.57	RMS	34.5	-30.5	.46	48.03	54	-5.97	-	-	314	118	V
6	5.456553	44.32	RMS	34.5	-30.5	.46	48.78	54	-5.22	-	-	314	118	V
7	5.47	43.47	RMS	34.5	-30.5	.46	47.93	-	-	-	-	314	118	V
8	5.456553	44.32	RMS	34.5	-30.5	.46	48.78	54	-5.22	-	-	314	118	V

Pk - Peak detector
RMS - RMS detection

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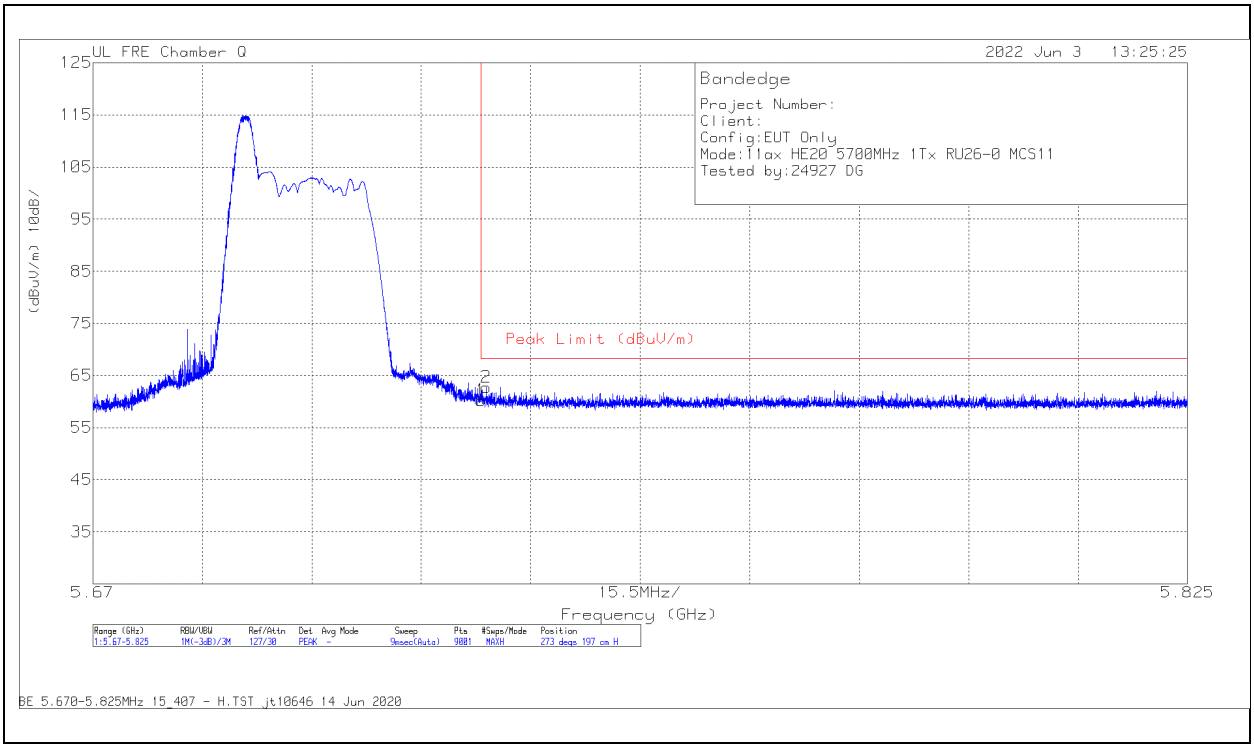
1TX Antenna 5 MODE: 26-Tones, RU Index 8

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	55.44	Pk	34.7	-29.9	0	60.24	68.2	-7.96	273	197	H
2	5.725713	57.93	Pk	34.7	-29.9	0	62.73	68.2	-5.47	273	197	H

Pk - Peak detector

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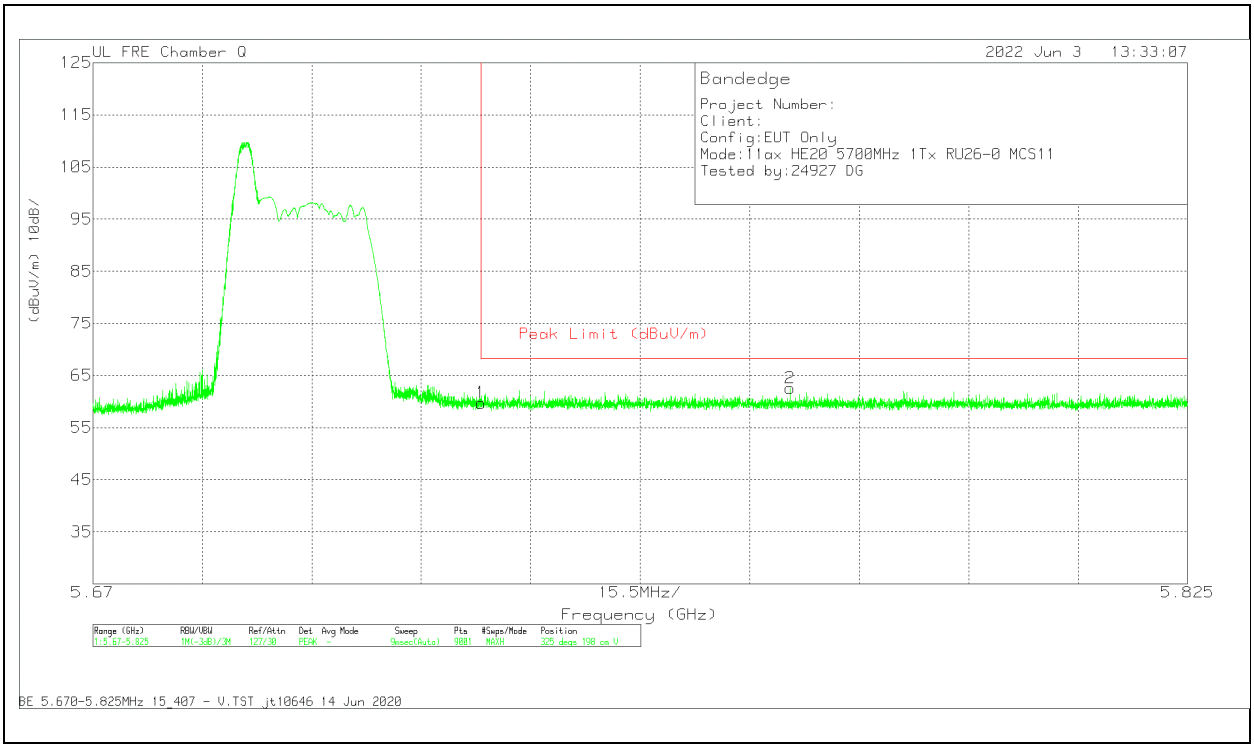
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	54.93	Pk	34.7	-29.9	0	59.73	68.2	-8.47	325	198	V
2	5.768699	57.45	Pk	34.8	-29.7	0	62.55	68.2	-5.65	325	198	V

Pk - Peak detector

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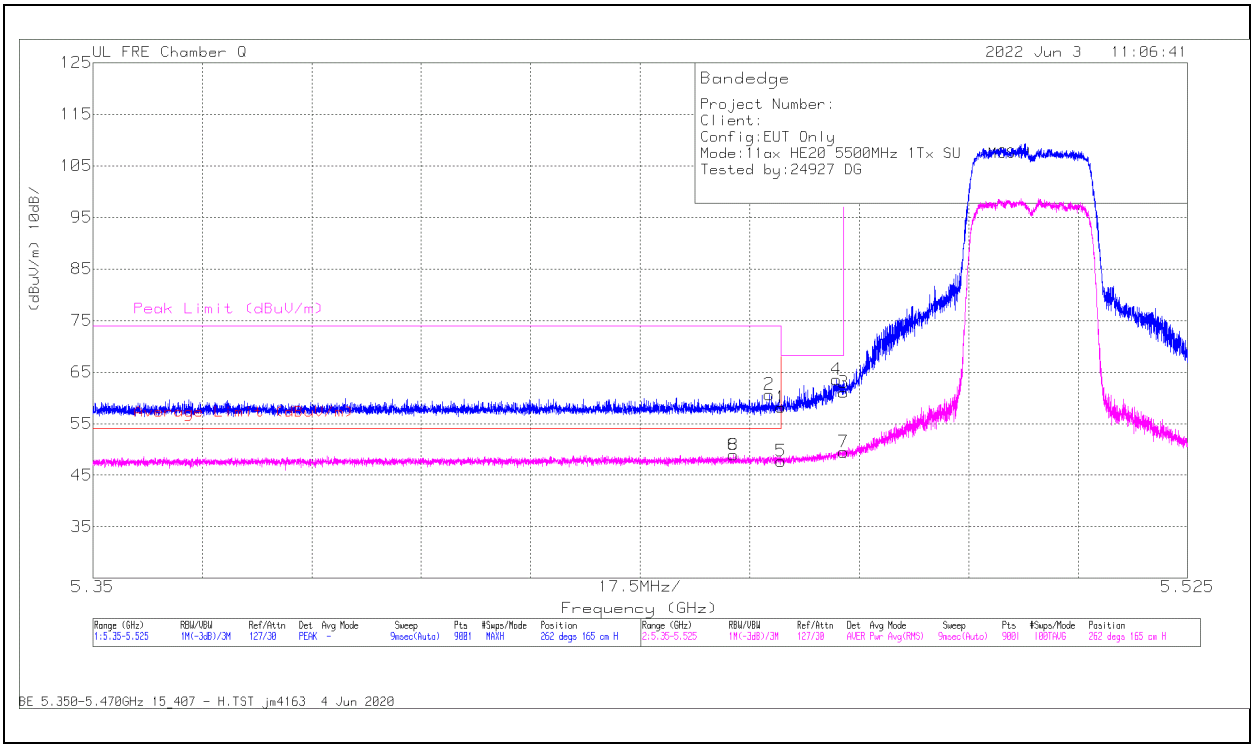
1TX Antenna 5 MODE: SU, Single User

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.46	54.17	Pk	34.5	-30.5	0	58.17	-	-	68.2	-10.03	262	165	H
2	5.458148	56.62	Pk	34.5	-30.5	0	60.62	-	-	74	-13.38	262	165	H
3	5.47	57.07	Pk	34.5	-30.5	0	61.07	-	-	68.2	-7.13	262	165	H
4	5.468822	59.55	Pk	34.5	-30.5	0	63.55	-	-	68.2	-4.65	262	165	H
5	5.46	43.09	RMS	34.5	-30.5	.61	47.70	54	-6.30	-	-	262	165	H
6	5.452412	44.24	RMS	34.6	-30.5	.61	48.95	54	-5.05	-	-	262	165	H
7	5.47	44.91	RMS	34.5	-30.5	.61	49.52	-	-	-	-	262	165	H
8	5.452412	44.24	RMS	34.6	-30.5	.61	48.95	54	-5.05	-	-	262	165	H

Pk - Peak detector
RMS - RMS detection

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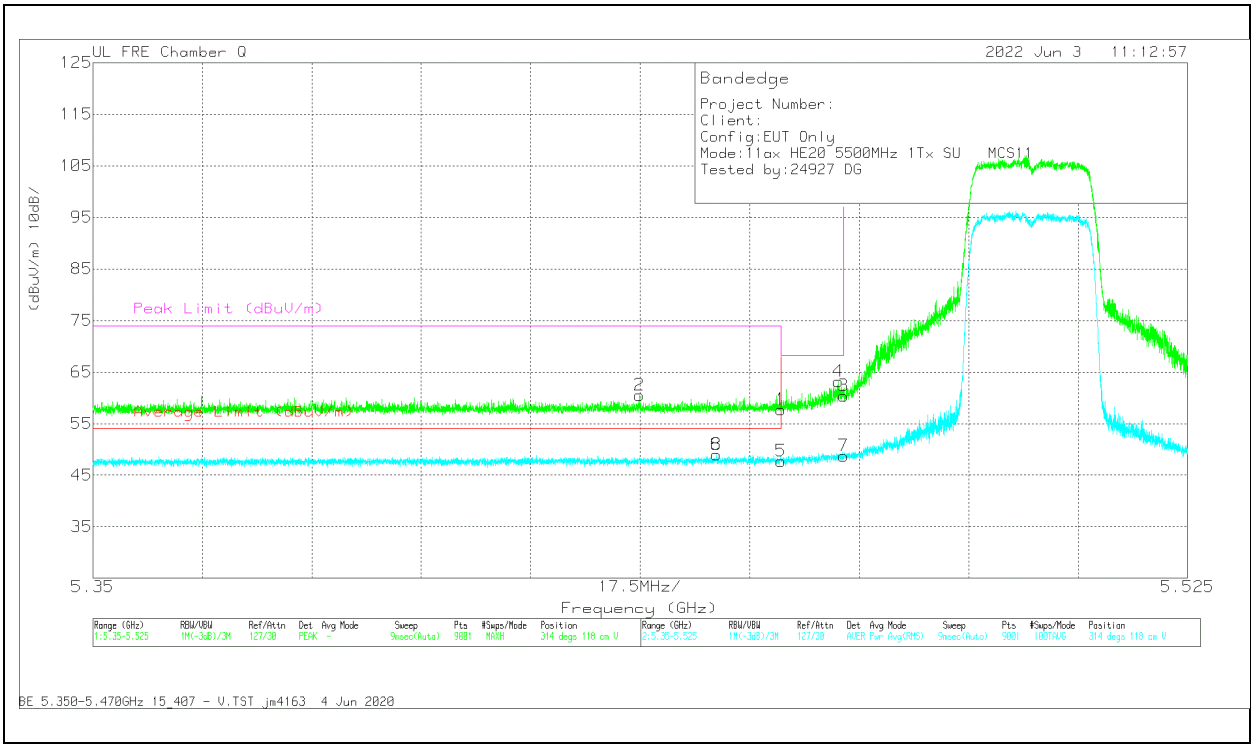
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.46	53.7	Pk	34.5	-30.5	0	57.7	-	-	68.2	-10.5	314	118	V
2	5.437401	56.58	Pk	34.5	-30.6	0	60.48	-	-	74	-13.52	314	118	V
3	5.47	56.35	Pk	34.5	-30.5	0	60.35	-	-	68.2	-7.85	314	118	V
4	5.469153	59.16	Pk	34.5	-30.5	0	63.16	-	-	68.2	-5.04	314	118	V
5	5.46	43.12	RMS	34.5	-30.5	.61	47.73	54	-6.27	-	-	314	118	V
6	5.449728	44.36	RMS	34.5	-30.5	.61	48.97	54	-5.03	-	-	314	118	V
7	5.47	44.15	RMS	34.5	-30.5	.61	48.76	-	-	-	-	314	118	V
8	5.449728	44.36	RMS	34.5	-30.5	.61	48.97	54	-5.03	-	-	314	118	V

Pk - Peak detector
RMS - RMS detection

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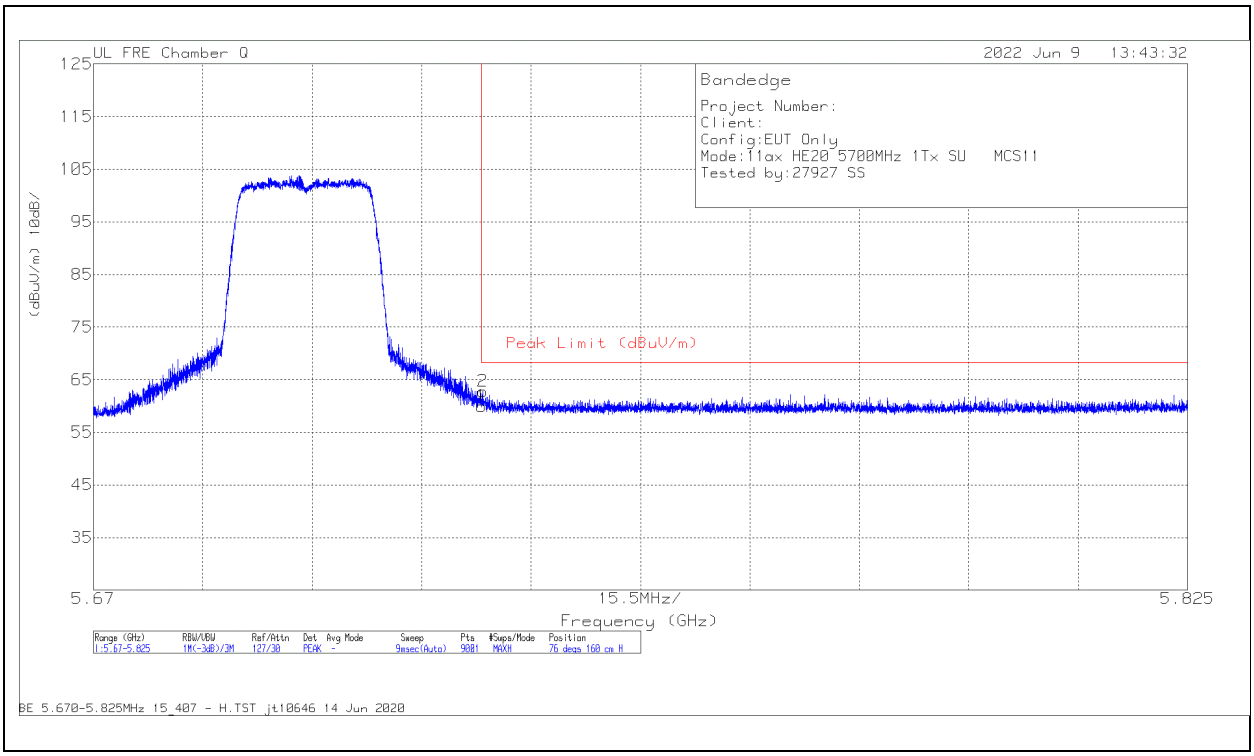
BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	55.17	Pk	34.7	-29.9	0	59.97	68.2	-8.23	76	160	H
2	5.725128	58.03	Pk	34.7	-29.9	0	62.83	68.2	-5.37	76	160	H

Pk - Peak detector

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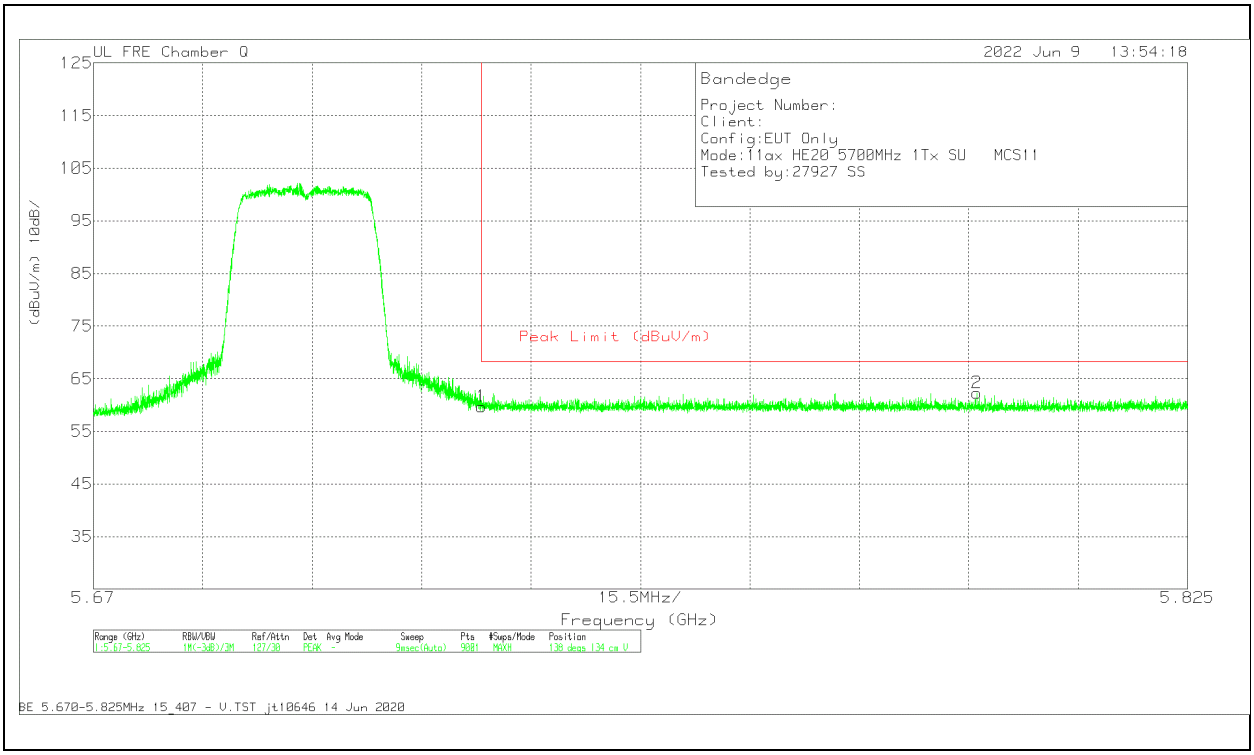
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	54.95	Pk	34.7	-29.9	0	59.75	68.2	-8.45	138	134	V
2	5.795152	56.99	Pk	34.9	-29.6	0	62.29	68.2	-5.91	138	134	V

Pk - Peak detector

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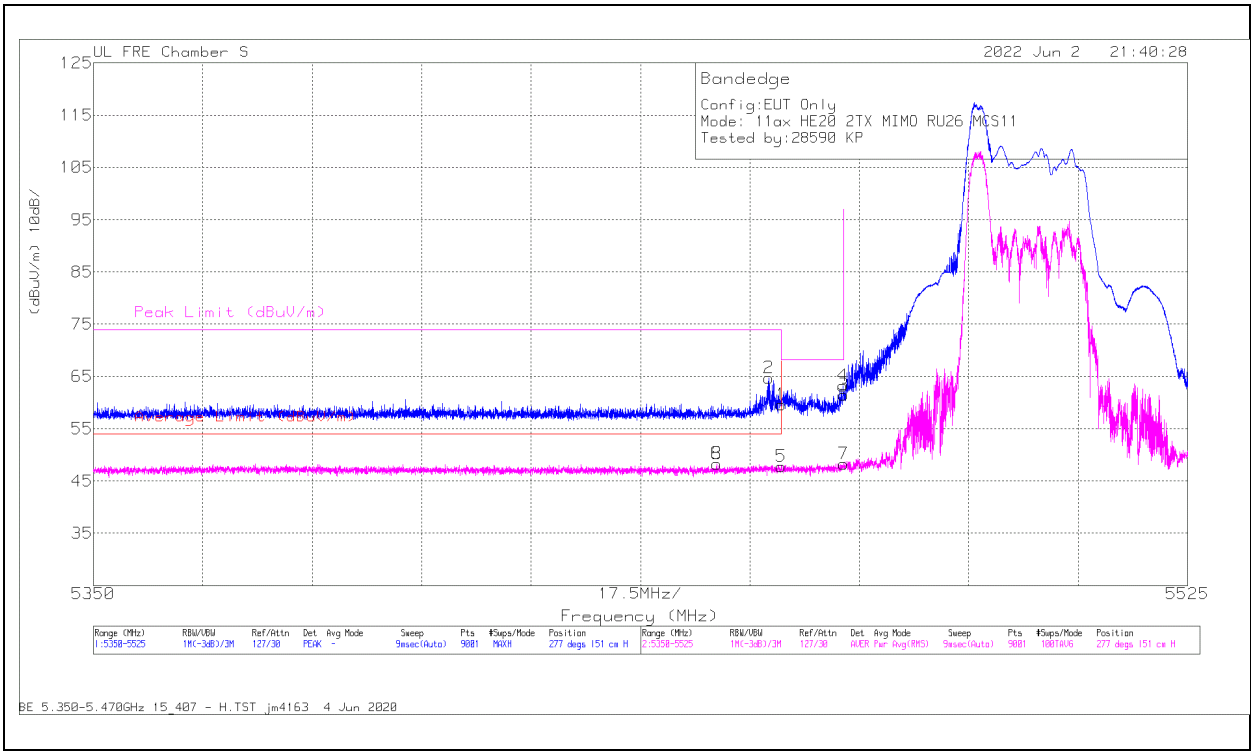
2TX Antenna 6 + Antenna 5 OFDMA MODE: 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206807 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	CD Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5460	55.85	Pk	34.7	-31	0	59.55	-	-	68.2	-8.65	277	151	H
2	5458.07	61.06	Pk	34.7	-31	0	64.76	-	-	74	-9.24	277	151	H
3	5470	57.83	Pk	34.7	-31	0	61.53	-	-	68.2	-6.67	277	151	H
4	5469.911	59.53	Pk	34.7	-31	0	63.23	-	-	68.2	-4.97	277	151	H
5	5460	44.11	RMS	34.7	-31	.46	48.27	54	-5.73	-	-	277	151	H
6	5449.689	44.72	RMS	34.7	-31.1	.46	48.78	54	-5.22	-	-	277	151	H
7	5470	44.59	RMS	34.7	-31	.46	48.75	-	-	-	-	277	151	H
8	5449.689	44.72	RMS	34.7	-31.1	.46	48.78	54	-5.22	-	-	277	151	H

Pk - Peak detector
RMS - RMS detection

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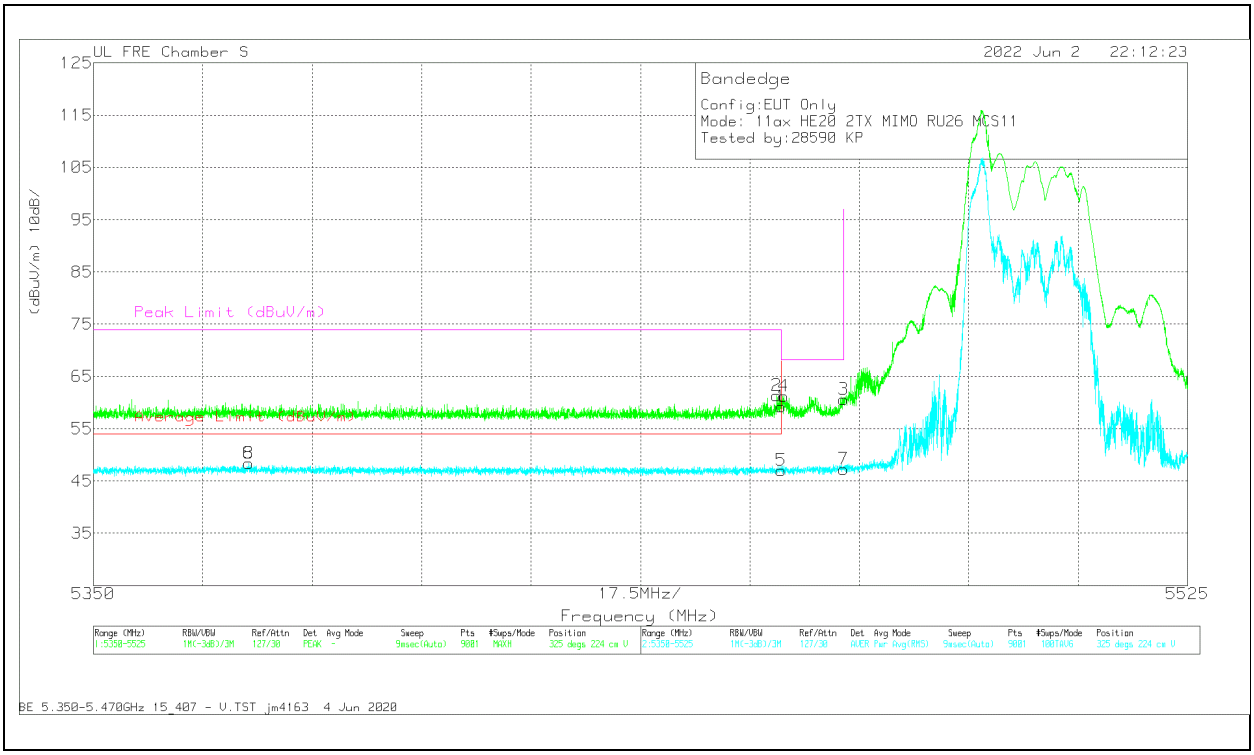
VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206807 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5460	55.52	Pk	34.7	-31	0	59.22	-	-	68.2	-8.98	325	224	V
2	5459.295	57.6	Pk	34.7	-31	0	61.3	-	-	74	-12.7	325	224	V
3	5470	56.93	Pk	34.7	-31	0	60.63	-	-	68.2	-7.57	325	224	V
4	5460.403	57.58	Pk	34.7	-31	0	61.28	-	-	68.2	-6.92	325	224	V
5	5460	43.34	RMS	34.7	-31	.46	47.50	54	-6.50	-	-	325	224	V
6	5374.869	44.83	RMS	34.6	-31.1	.46	48.79	54	-5.21	-	-	325	224	V
7	5470	43.57	RMS	34.7	-31	.46	47.73	-	-	-	-	325	224	V
8	5374.869	44.83	RMS	34.6	-31.1	.46	48.79	54	-5.21	-	-	325	224	V

Pk - Peak detector
RMS - RMS detection

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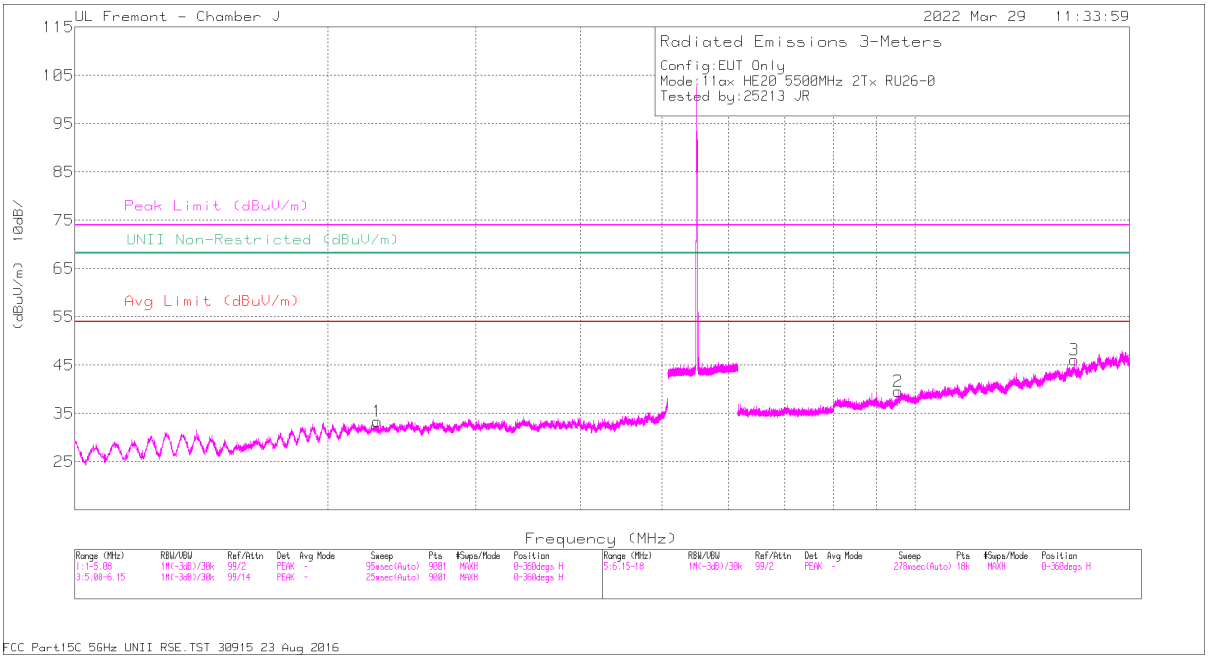
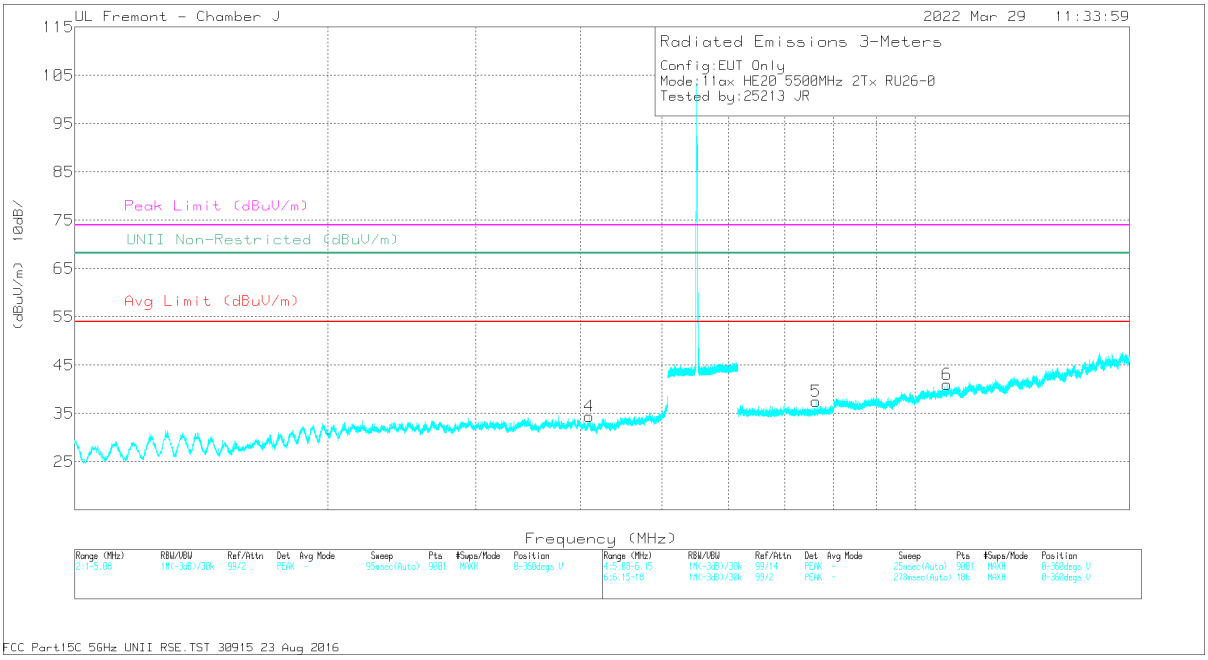
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206806 (dB/m)	Amp/Cbl/Fltr/Pad (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	* 2290.131	59.88	PK-U	31.9	-49.2	42.58	-	-	74	-31.42	-	-	132	244	H
	* 2291.849	47.87	ADR	31.9	-49.2	30.57	54	-23.43	-	-	-	-	132	244	H
2	9553	56.55	PK-U	36.6	-45.1	48.05	-	-	-	-	68.2	-20.15	120	355	H
3	* 15474.314	55.64	PK-U	40.2	-41.5	54.34	-	-	74	-19.66	-	-	357	394	H
	* 15475.217	44.12	ADR	40.2	-41.5	42.82	54	-11.18	-	-	-	-	357	394	H
4	* 4095.798	56.86	PK-U	33.3	-47.1	43.06	-	-	74	-30.94	-	-	20	362	V
	* 4092.773	45.29	ADR	33.3	-47.1	31.49	54	-22.51	-	-	-	-	20	362	V
5	* 7626.438	56.08	PK-U	35.8	-46	45.88	-	-	74	-28.12	-	-	139	347	V
	* 7628.712	44.38	ADR	35.8	-45.9	34.28	54	-19.72	-	-	-	-	139	347	V
6	* 10918.745	56.26	PK-U	37.9	-44.5	49.66	-	-	74	-24.34	-	-	61	338	V
	* 10918.454	44.64	ADR	37.9	-44.5	38.04	54	-15.96	-	-	-	-	61	338	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

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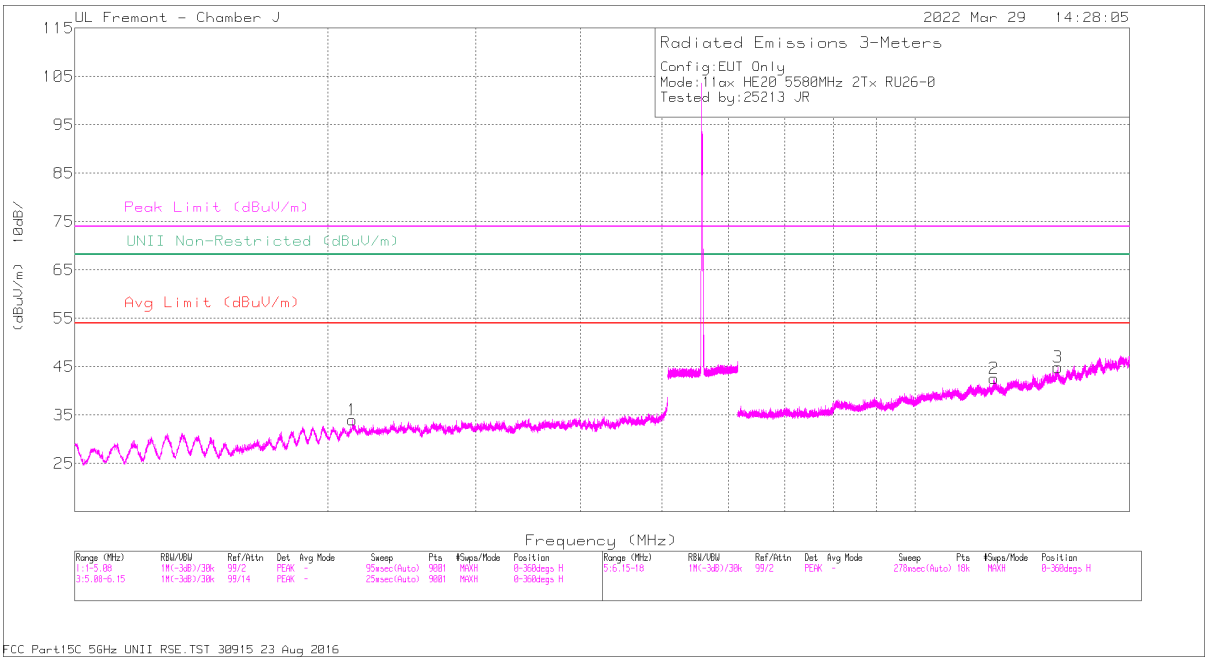
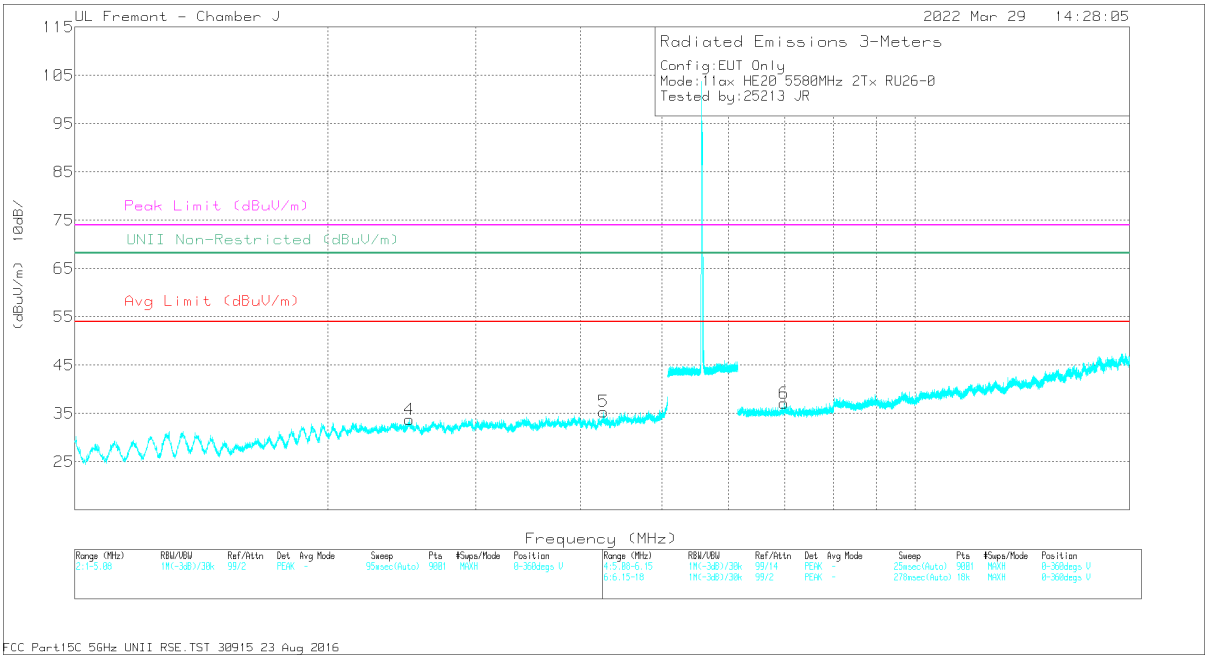
MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206806 (dB/m)	Amp/Cbl/Fltr/Pad (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	2139.867	60.85	PK-U	31.6	-49.3	43.15	-	-	-	-	68.2	-25.05	282	159	H
2	* 12413.141	55.05	PK-U	39	-43.4	50.65	-	-	74	-23.35	-	-	116	378	H
	* 12412.118	43.22	ADR	39	-43.5	38.72	54	-15.28	-	-	-	-	116	378	H
3	14801.801	55.36	PK-U	39.6	-41.9	53.06	-	-	-	-	68.2	-15.14	29	147	H
4	2501.264	59.8	PK-U	32.5	-48.5	43.8	-	-	-	-	68.2	-24.4	70	160	V
	2500.06	47.89	ADR	32.5	-48.5	31.89	-	-	-	-	-	-	70	160	V
5	* 4258.091	58.01	PK-U	33.3	-47.2	44.11	-	-	74	-29.89	-	-	161	116	V
	* 4260.561	46.3	ADR	33.3	-47.2	32.4	54	-21.6	-	-	-	-	161	116	V
6	6984.375	56.21	PK-U	35.6	-45.6	46.21	-	-	-	-	68.2	-21.99	144	291	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

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