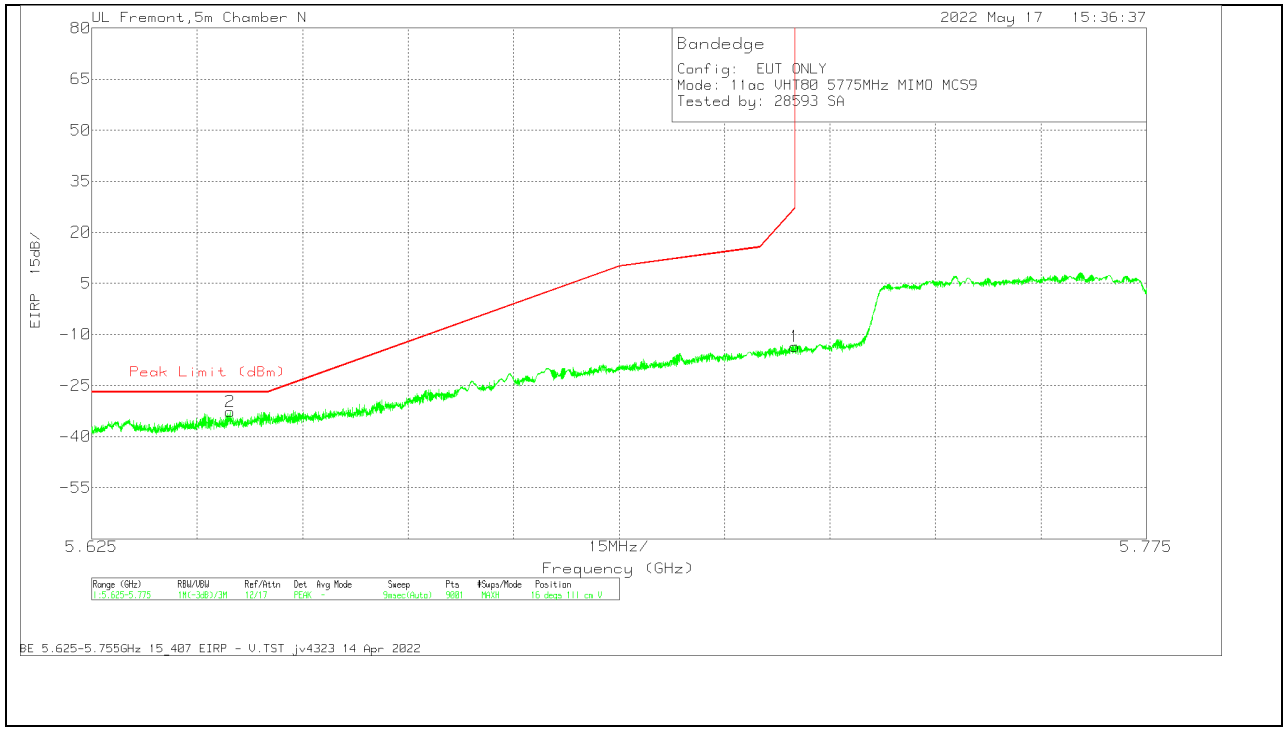
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 84796 (dB/m)	Amp/Cbl /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.644717	-43.05	Pk	35.1	-36.6	11.8	-32.75	-27	-5.75	16	111	V
1	5.725	-23.84	Pk	34.9	-36.4	11.8	-13.54	27	-40.54	16	111	V

Pk - Peak detector

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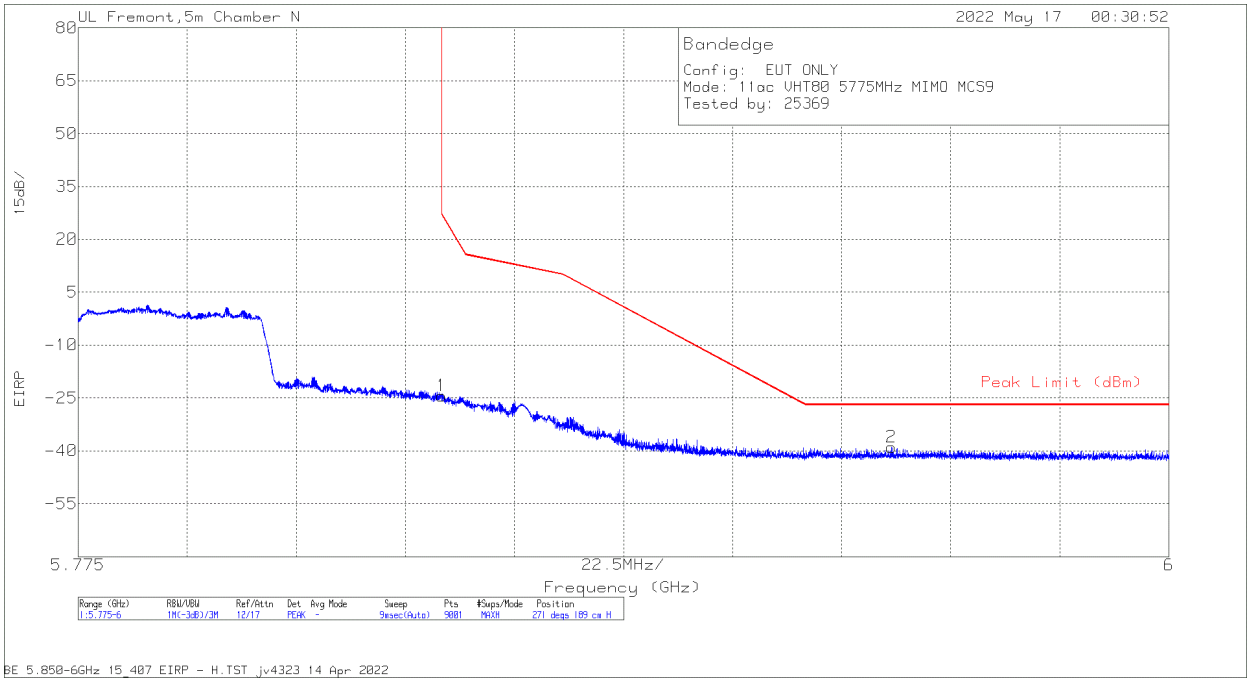
BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 84796 (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DCCF (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-35.67	Pk	35	-35.5	11.8	0	-24.37	27	-51.37	271	189	H
2	5.942825	-50.62	Pk	35.2	-35.4	11.8	0	-39.02	-27	-12.02	271	189	H

Pk - Peak detector

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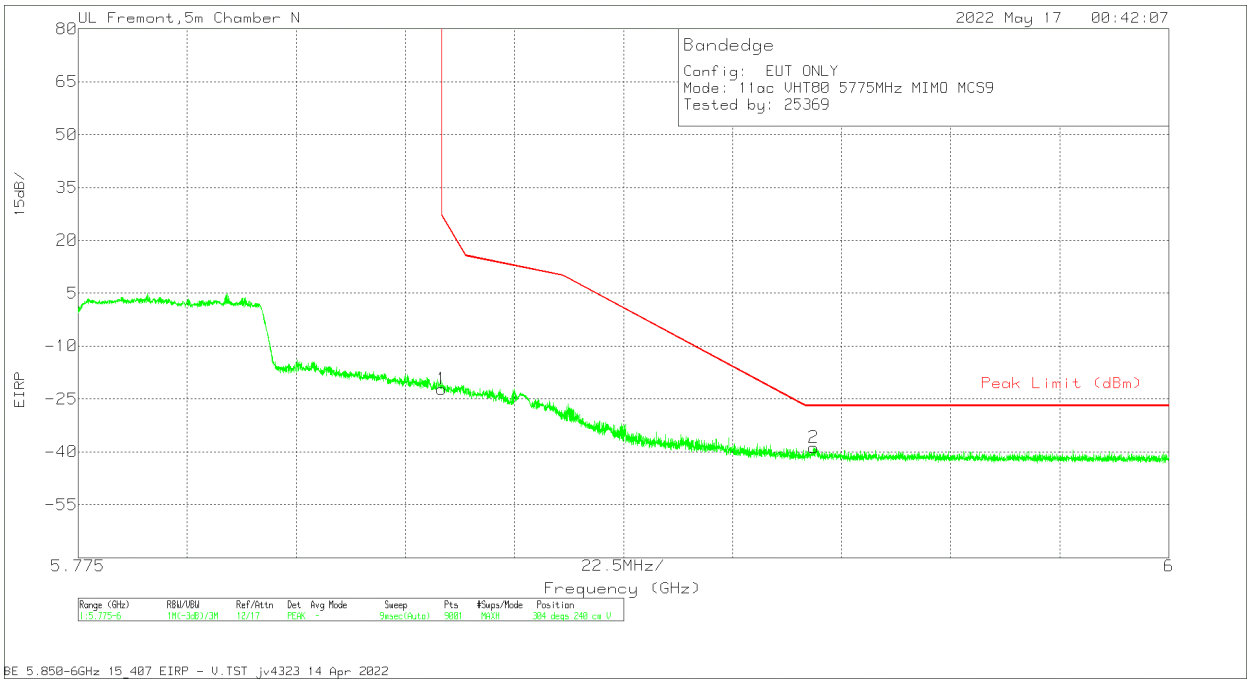
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 84796 (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DCCF (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-33.44	Pk	35	-35.5	11.8	0	-22.14	27	-49.14	304	240	V
2	5.926675	-50.42	Pk	35.2	-35.3	11.8	0	-38.72	-27	-11.72	304	240	V

Pk - Peak detector

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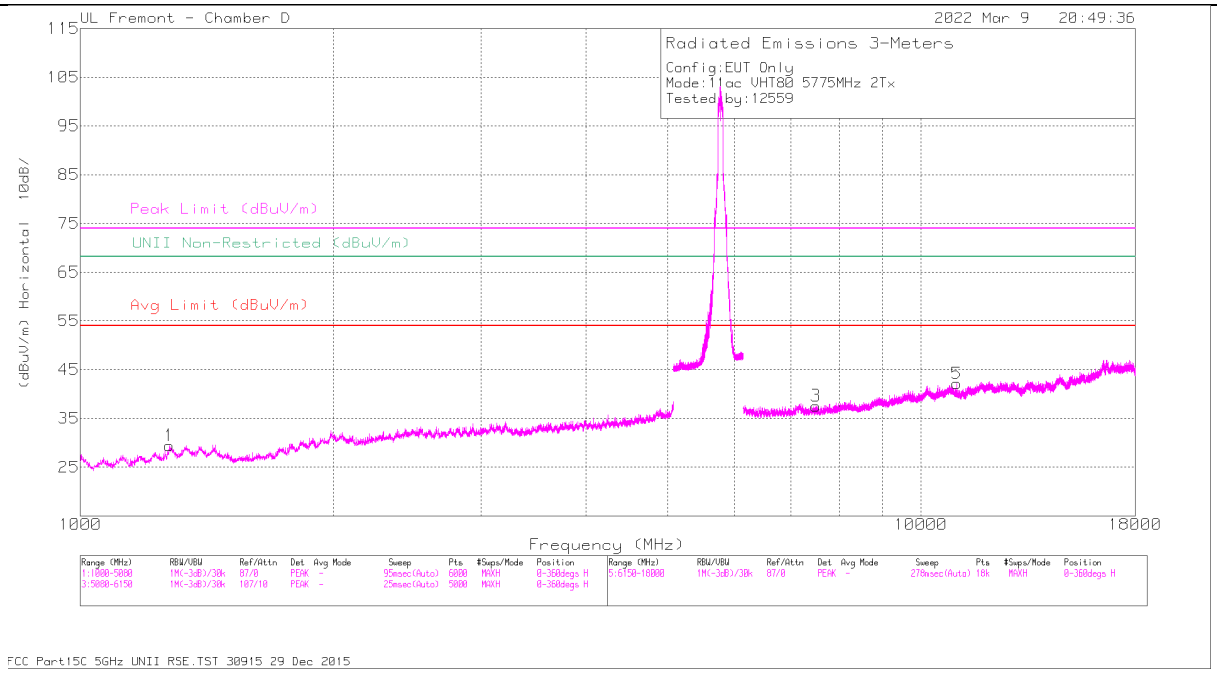
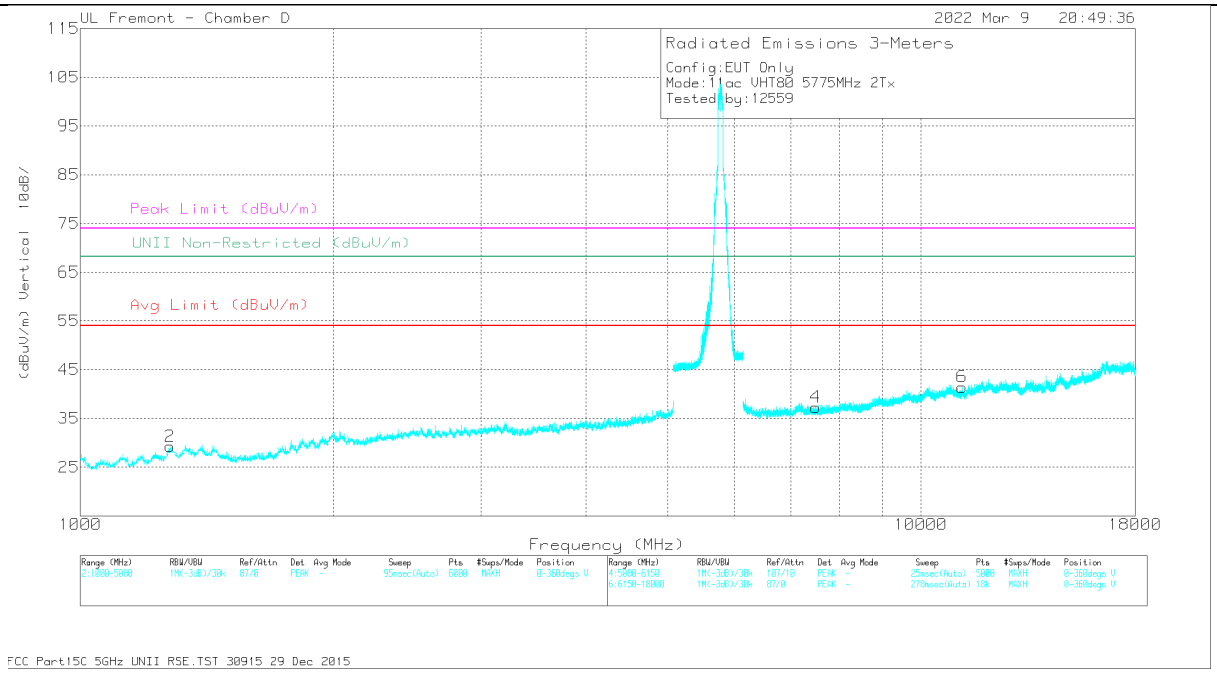
HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T712 (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	* 1276.08	41.47	PK-U	29.4	-32	0	38.87	-	-	74	-35.13	72	148	H
	* 1274.91	29.76	ADR	29.4	-32	.2	27.36	54	-26.64	-	-	72	148	H
2	* 1281.46	41.31	PK-U	29.5	-31.9	0	38.91	-	-	74	-35.09	199	257	V
	* 1278.30	29.94	ADR	29.5	-32	.2	27.64	54	-26.36	-	-	199	257	V
3	* 7504.12	36.25	PK-U	35.7	-25.1	0	46.85	-	-	74	-27.15	327	123	H
	* 7505.87	24.76	ADR	35.7	-25.1	.2	35.56	54	-18.44	-	-	327	123	H
5	* 11040.56	34.51	PK-U	37.7	-21.5	0	50.71	-	-	74	-23.29	254	180	H
	* 11039.72	23.05	ADR	37.7	-21.5	.2	39.45	54	-14.55	-	-	254	180	H
4	* 7497.10	36.73	PK-U	35.7	-25.2	0	47.23	-	-	74	-26.77	64	200	V
	* 7497.05	24.87	ADR	35.7	-25.3	.2	35.47	54	-18.53	-	-	64	200	V
6	* 11200.47	35.05	PK-U	37.9	-22.1	0	50.85	-	-	74	-23.15	254	158	V
	* 11200.54	23.41	ADR	37.9	-22.1	.2	39.41	54	-14.59	-	-	254	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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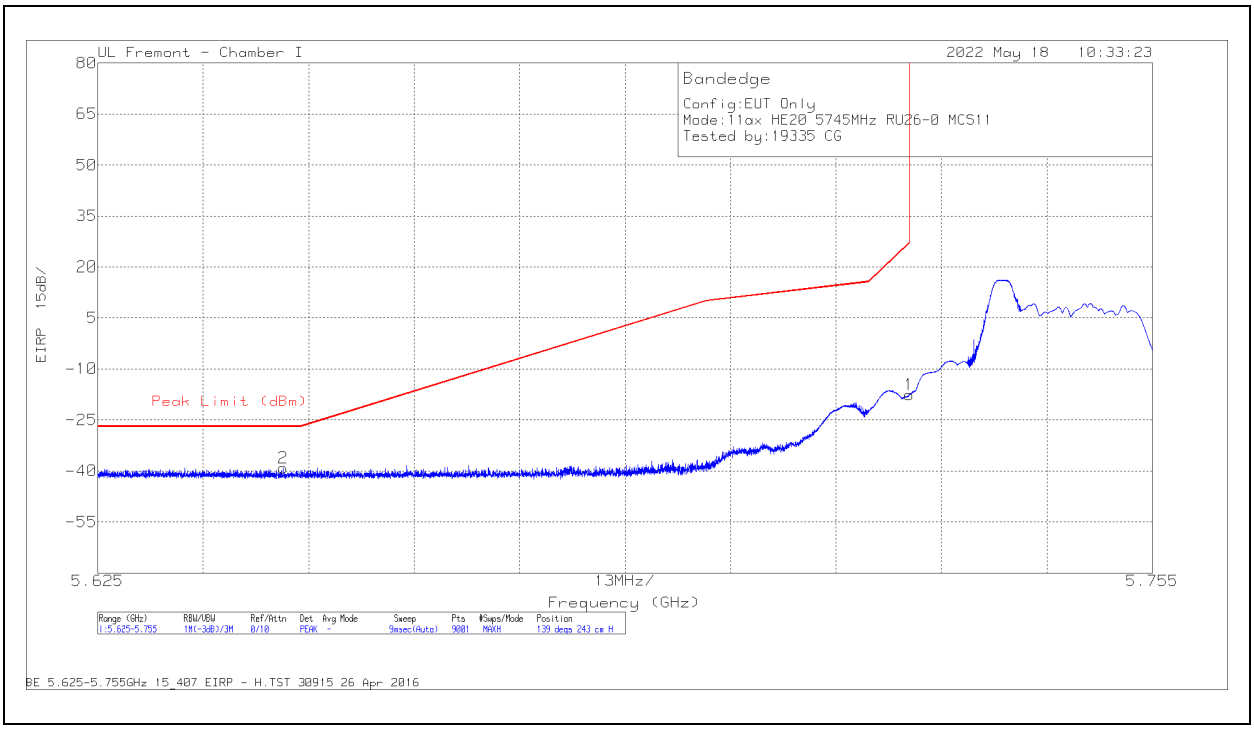
1.1.22. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.8GHz BAND

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 206805 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-47.93	Pk	34.5	-16	11.8	0	-17.63	27	-44.63	139	243	H
2	5.647865	-69.31	Pk	34.4	-16.1	11.8	0	-39.21	-27	-12.21	139	243	H

Pk - Peak detector

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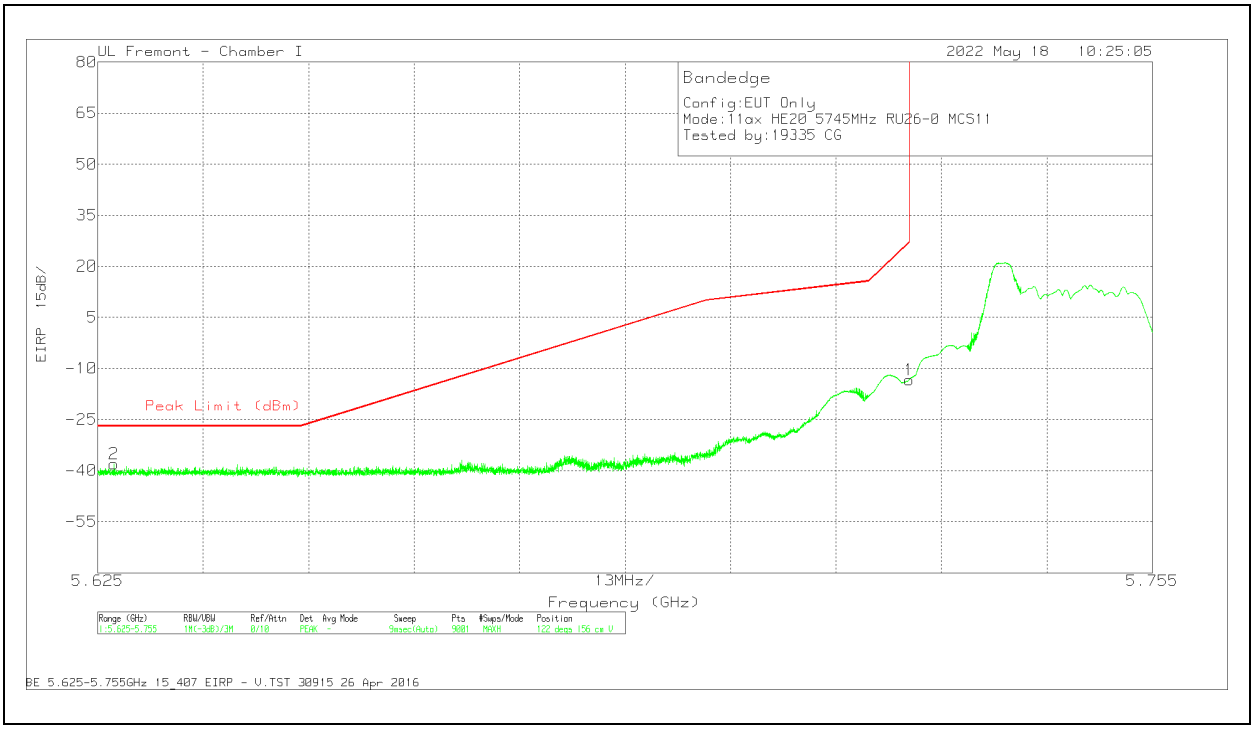
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 206805 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-43.65	Pk	34.5	-16	11.8	0	-13.35	27	-40.35	122	156	V
2	5.626993	-68.32	Pk	34.4	-15.9	11.8	0	-38.02	-27	-11.02	122	156	V

Pk - Peak detector

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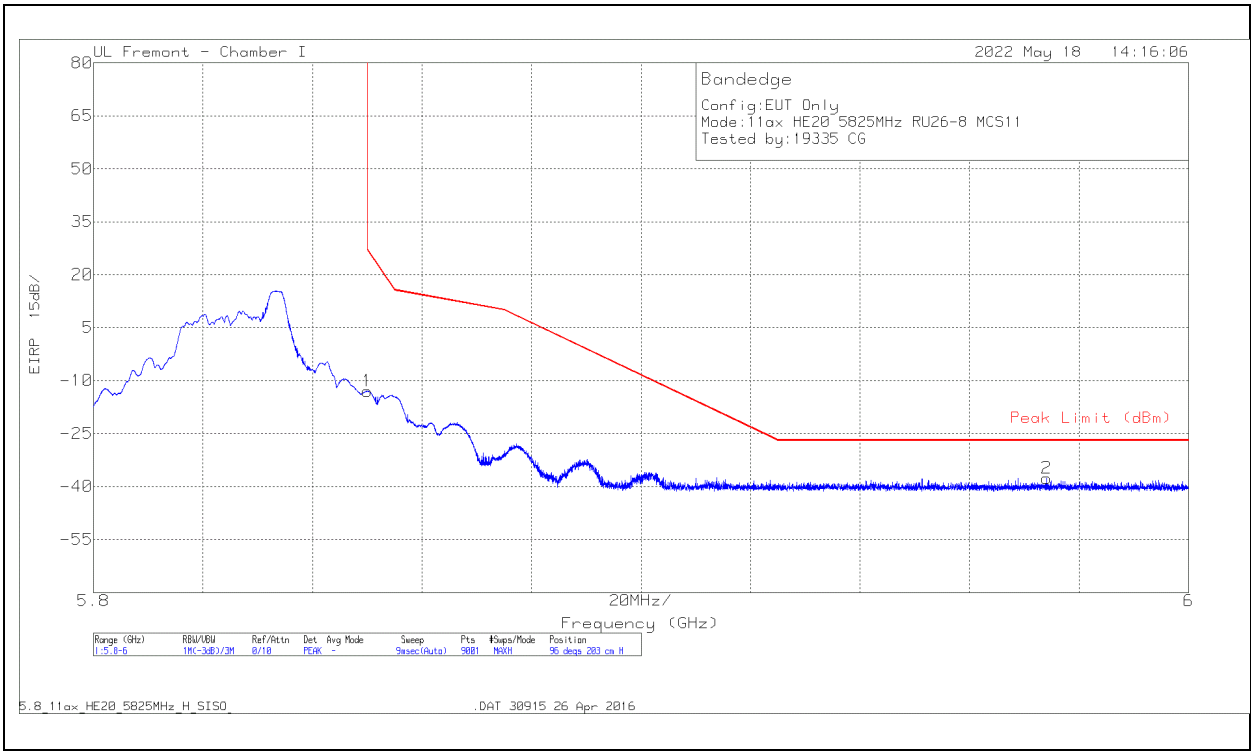
1TX Antenna 6 MODE: 26-Tones, RU Index 8

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 206805 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-44.51	Pk	34.8	-15.1	11.8	0	-13.01	27	-40.01	96	203	H
2	5.974132	-69.53	Pk	35.1	-15	11.8	0	-37.63	-27	-10.63	96	203	H

Pk - Peak detector

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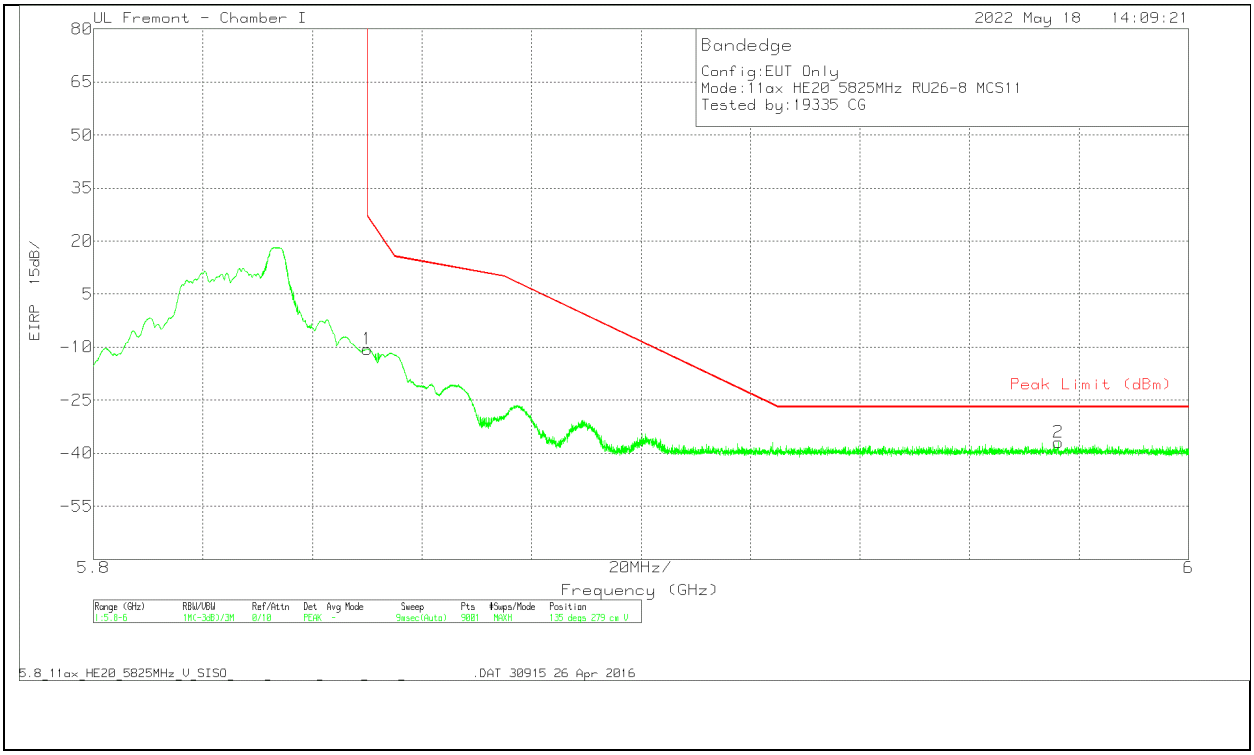
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 206805 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-42.11	Pk	34.8	-15.1	11.8	0	-10.61	27	-37.61	135	279	V
2	5.976176	-68.7	Pk	35.1	-15.1	11.8	0	-36.9	-27	-9.9	135	279	V

Pk - Peak detector

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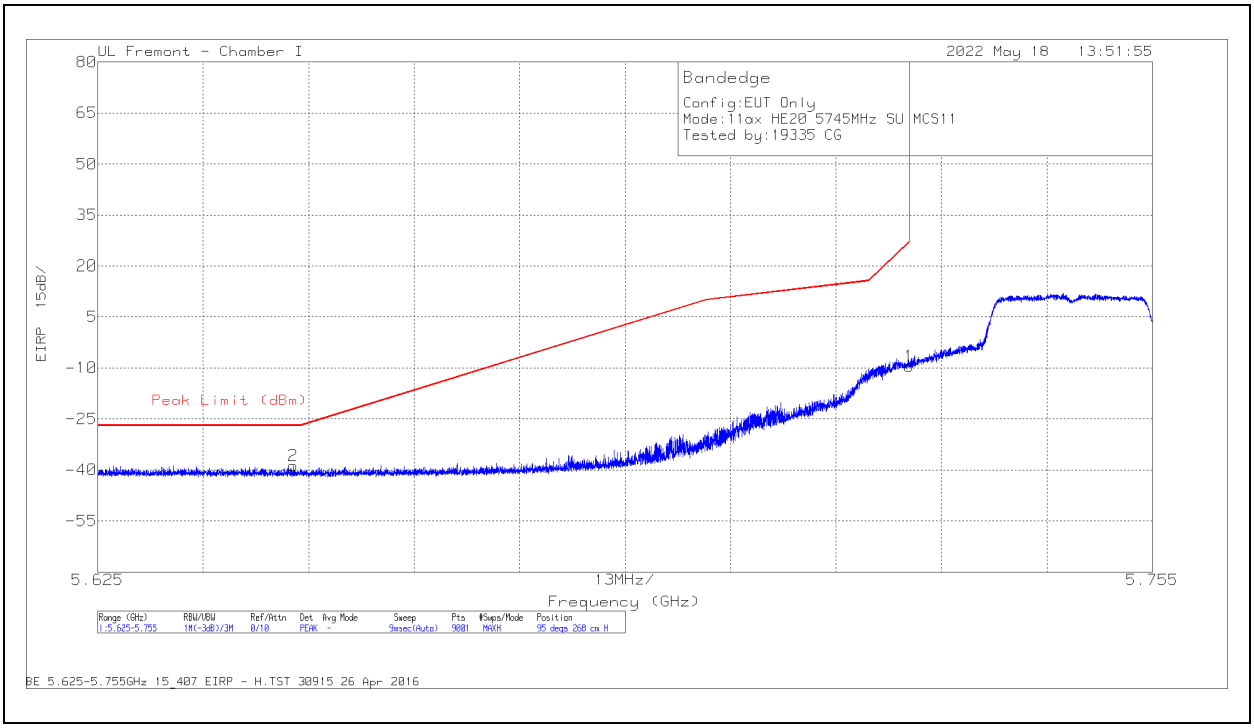
1TX Antenna 6 MODE: SU, Single User

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 206805 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-39.79	Pk	34.5	-16	11.8	0	-9.49	27	-36.49	95	268	H
2	5.649121	-68.81	Pk	34.4	-16.1	11.8	0	-38.71	-27	-11.71	95	268	H

Pk - Peak detector

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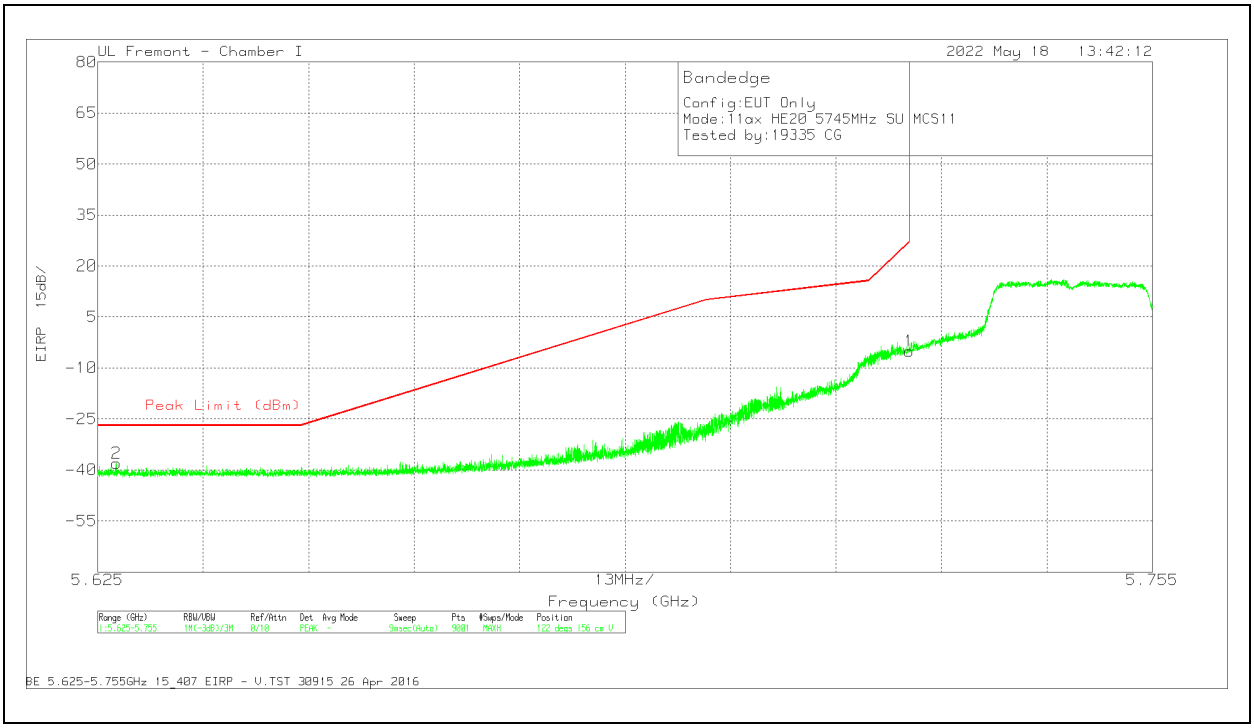
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 206805 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-35.33	Pk	34.5	-16	11.8	0	-5.03	27	-32.03	122	156	V
2	5.627282	-68.33	Pk	34.4	-15.9	11.8	0	-38.03	-27	-11.03	122	156	V

Pk - Peak detector

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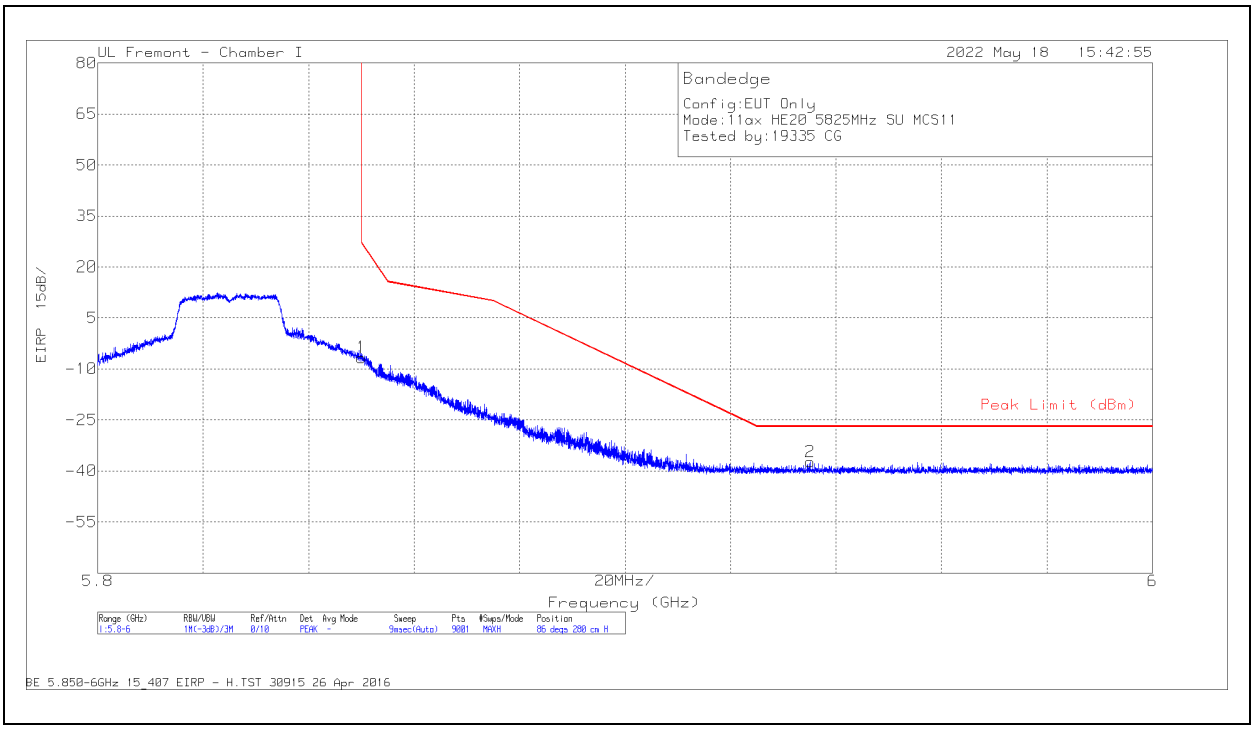
BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 206805 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-38.13	Pk	34.8	-15.1	11.8	0	-6.63	27	-33.63	86	280	H
2	5.935065	-69.14	Pk	35	-14.9	11.8	0	-37.24	-27	-10.24	86	280	H

Pk - Peak detector

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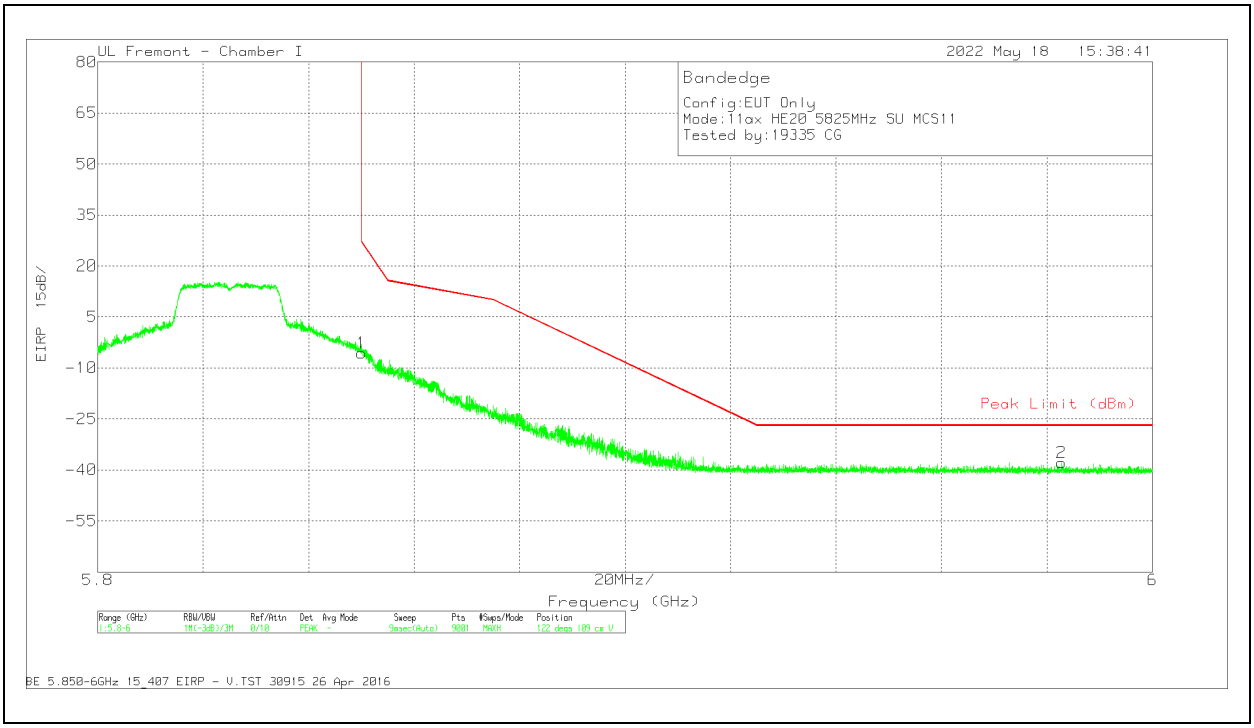
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 206805 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-37.17	Pk	34.8	-15.1	11.8	0	-5.67	27	-32.67	122	109	V
2	5.982754	-69.67	Pk	35.1	-15	11.8	0	-37.77	-27	-10.77	122	109	V

Pk - Peak detector

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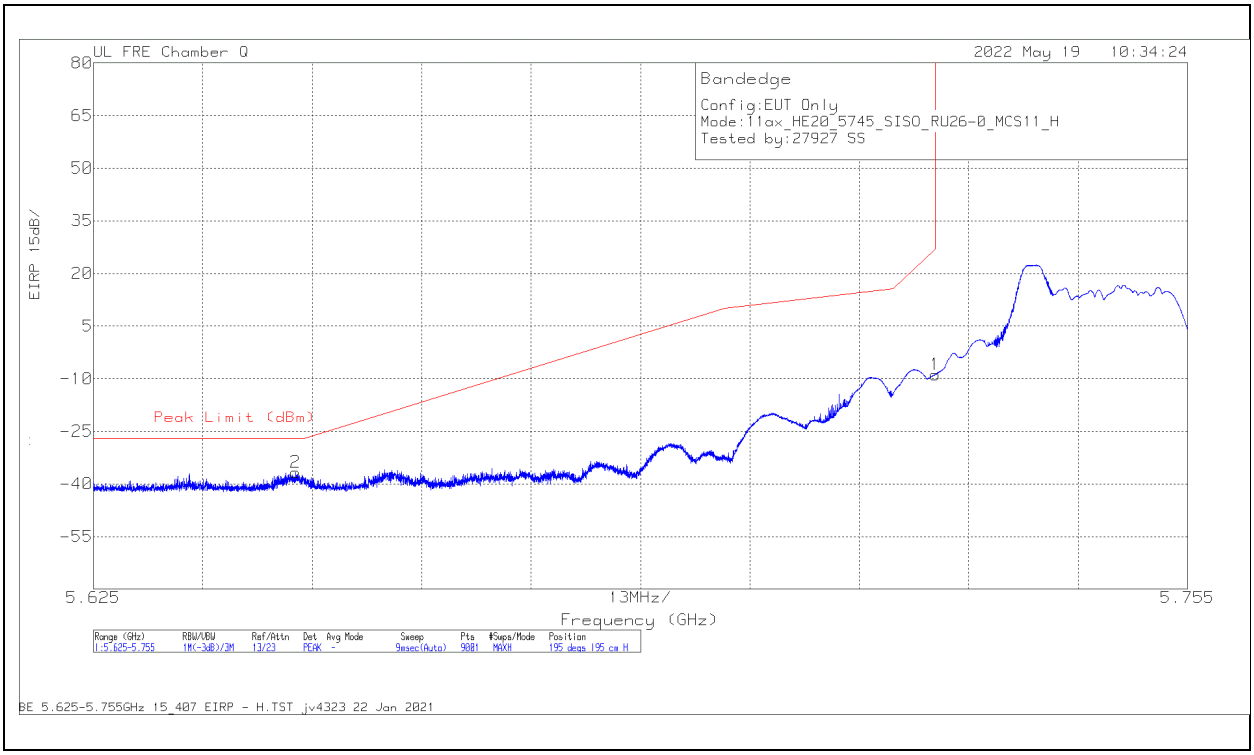
1TX Antenna 5 MODE: 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 200895 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.649035	-53.13	Pk	34.6	-30	11.8	0	-36.73	-27	-9.73	195	195	H
1	5.725	-25.48	Pk	34.7	-29.9	11.8	0	-8.88	27	-35.88	195	195	H

Pk - Peak detector

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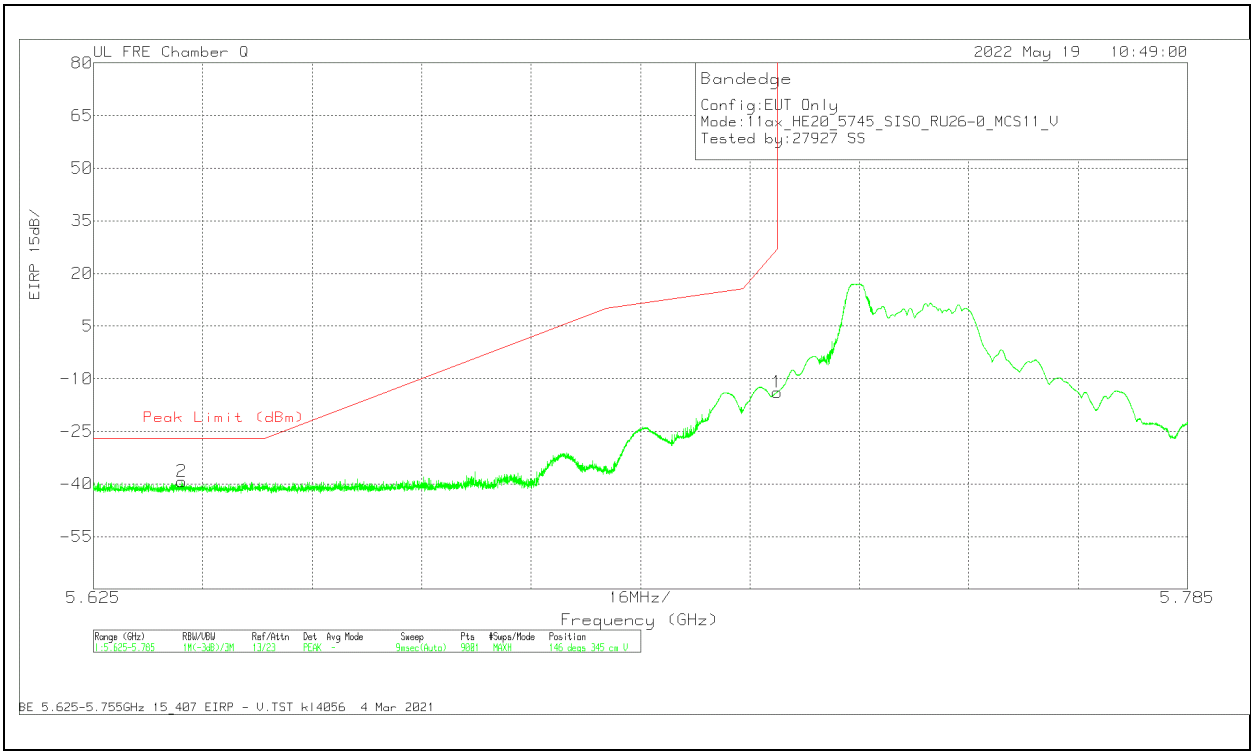
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.637889	-55.66	Pk	34.6	-30.1	11.8	-39.36	-27	-12.36	146	345	V
1	5.725	-30.47	Pk	34.7	-29.9	11.8	-13.87	27	-40.87	146	345	V

Pk - Peak detector

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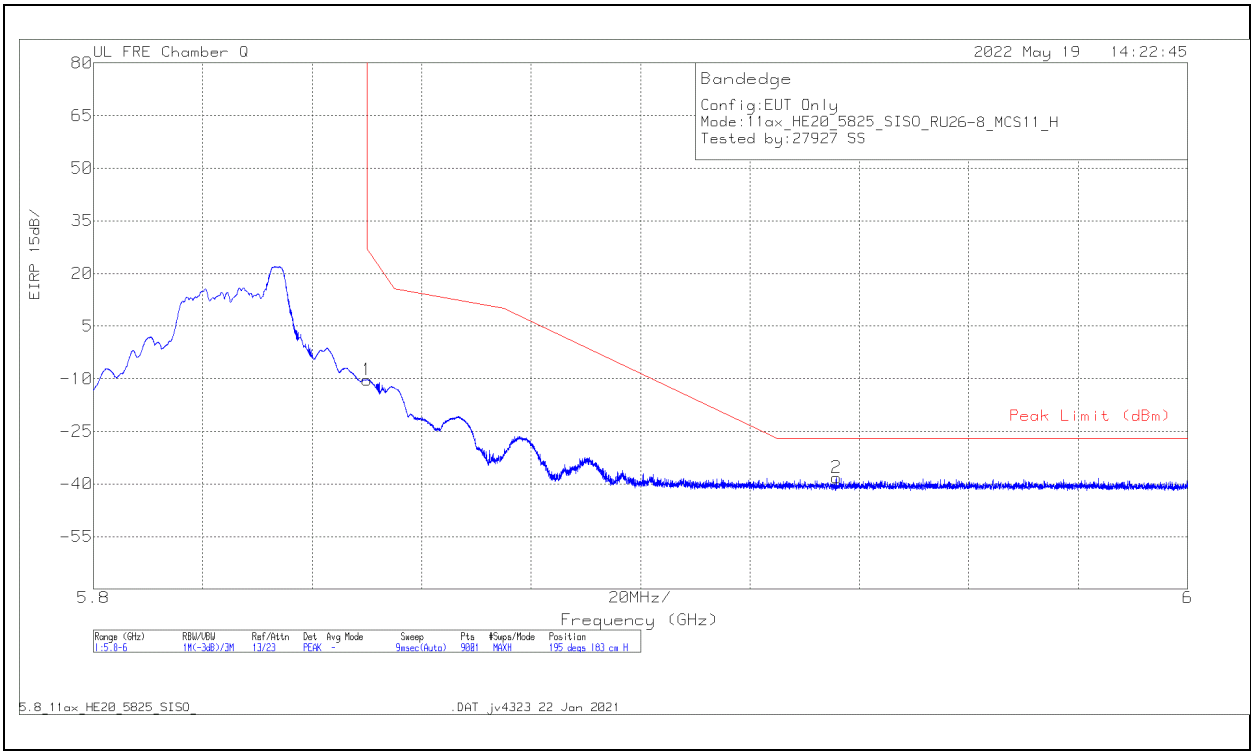
1TX Antenna 5 MODE: 26-Tones, RU Index 8

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 200895 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-27.53	Pk	34.9	-29.5	11.8	0	-10.33	27	-37.33	195	183	H
2	5.935776	-55.75	Pk	35.1	-29.4	11.8	0	-38.25	-27	-11.25	195	183	H

Pk - Peak detector

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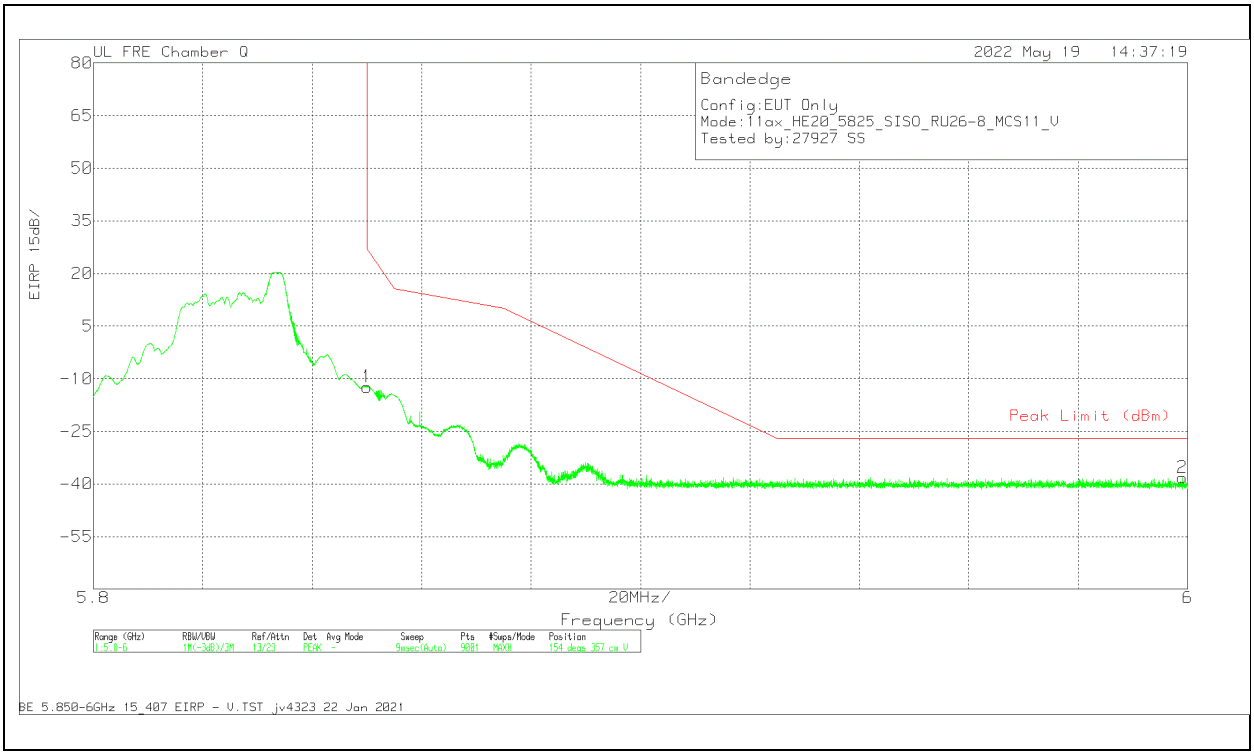
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 200895 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-29.5	Pk	34.9	-29.5	11.8	0	-12.3	27	-39.3	154	357	V
2	5.999087	-55.96	Pk	35.2	-29.2	11.8	0	-38.16	-27	-11.16	154	357	V

Pk - Peak detector

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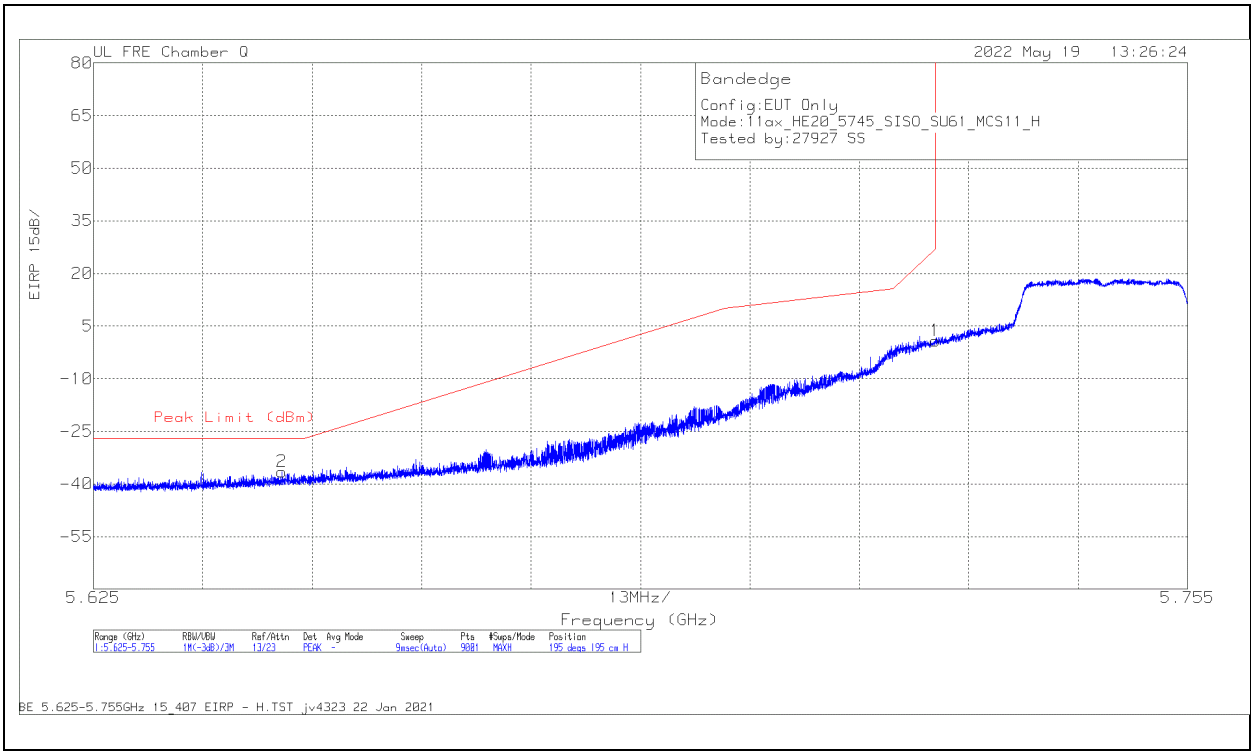
1TX Antenna 5 MODE: SU, Single User

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 200895 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.647374	-52.91	Pk	34.6	-30	11.8	0	-36.51	-27	-9.51	195	195	H
1	5.725	-15.76	Pk	34.7	-29.9	11.8	0	.84	27	-26.16	195	195	H

Pk - Peak detector

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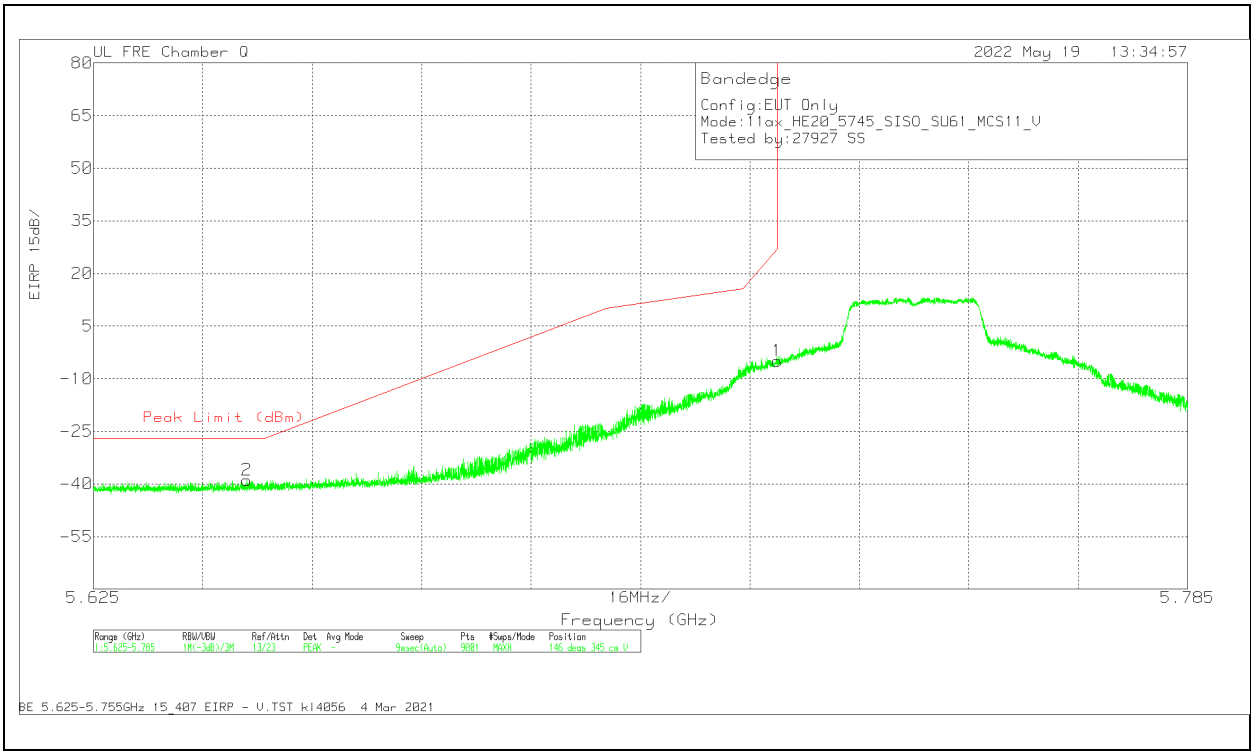
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 200895 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.647418	-55.28	Pk	34.6	-30	11.8	0	-38.88	-27	-11.88	146	345	V
1	5.725	-21.56	Pk	34.7	-29.9	11.8	0	-4.96	27	-31.96	146	345	V

Pk - Peak detector

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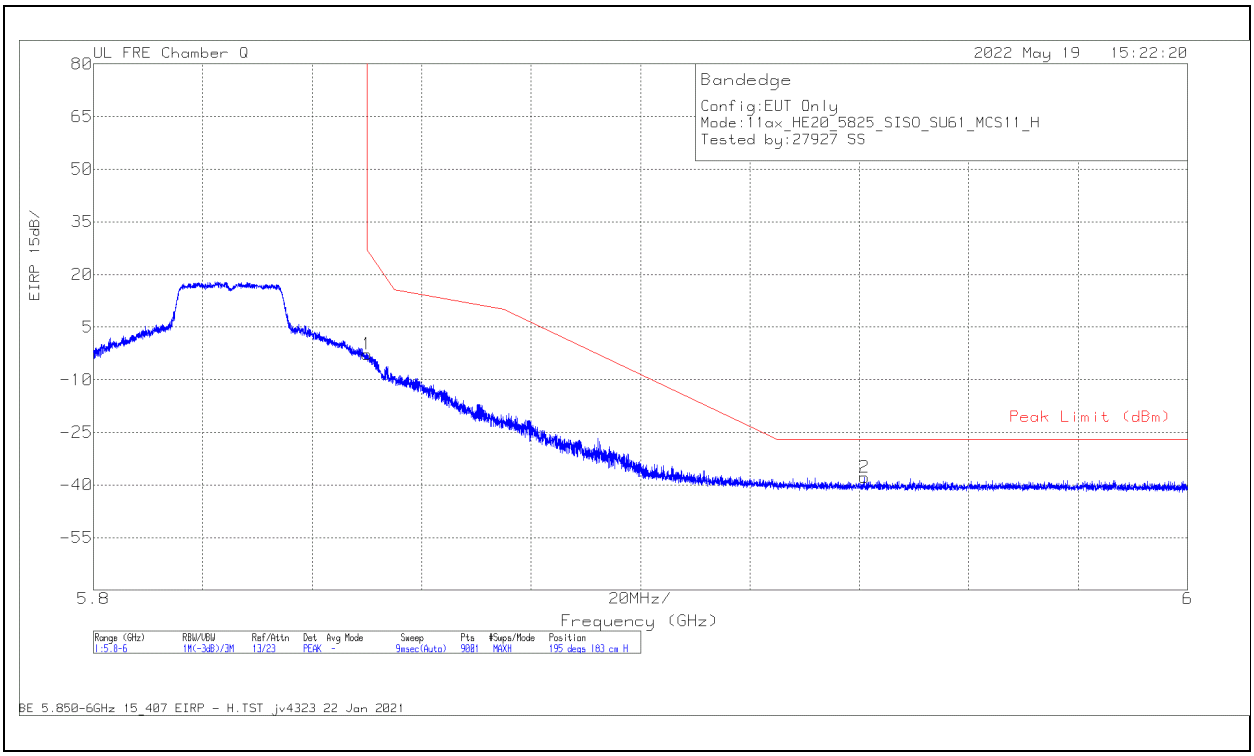
BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 200895 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-19.91	Pk	34.9	-29.5	11.8	0	-2.71	27	-29.71	195	183	H
2	5.940887	-55.56	Pk	35.2	-29.3	11.8	0	-37.86	-27	-10.86	195	183	H

Pk - Peak detector

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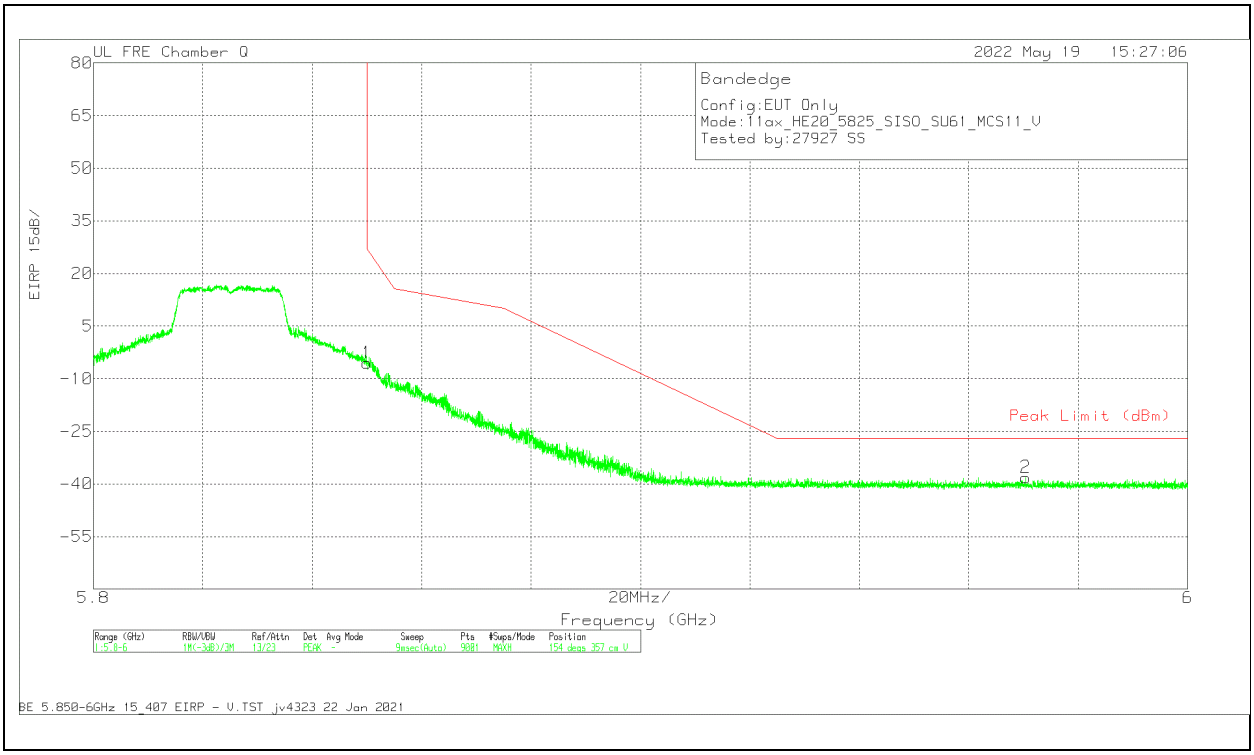
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 200895 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-22.64	Pk	34.9	-29.5	11.8	0	-5.44	27	-32.44	154	357	V
2	5.970421	-55.8	Pk	35.2	-29.3	11.8	0	-38.1	-27	-11.1	154	357	V

Pk - Peak detector

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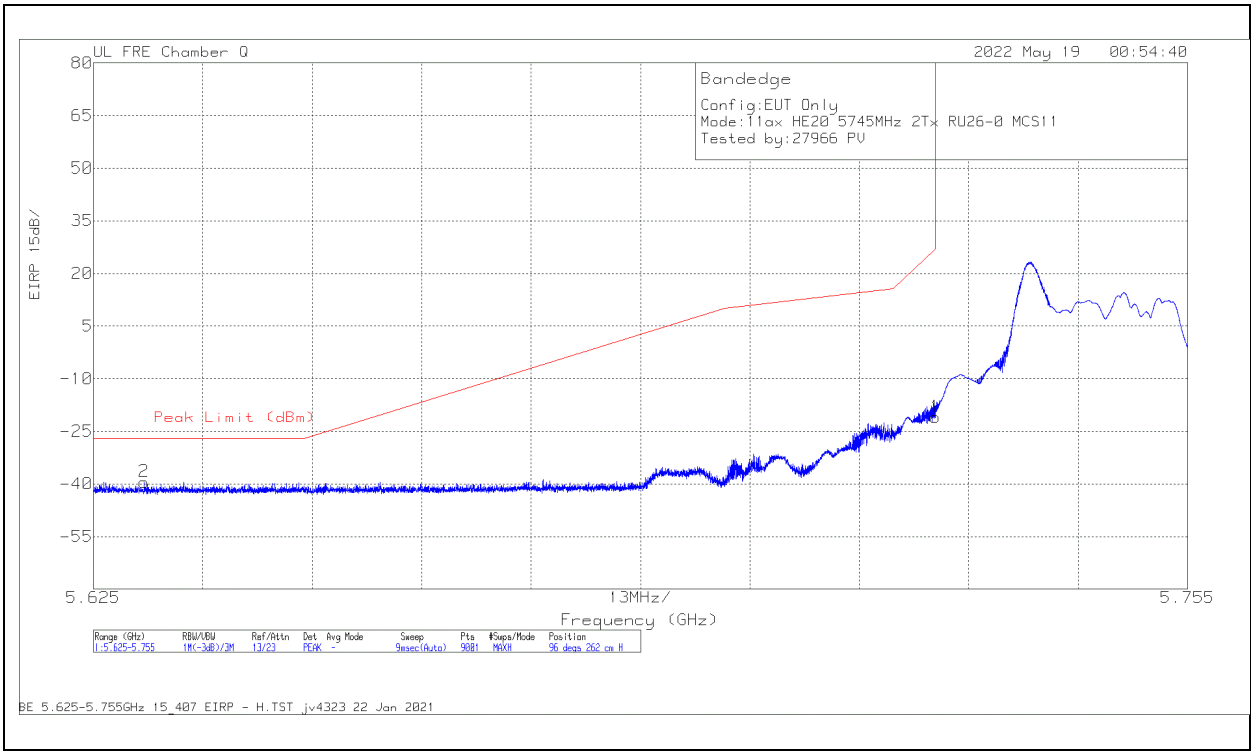
2TX Antenna 6 + Antenna 5 OFDMA MODE: 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 200895 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.631052	-55.69	Pk	34.6	-30.1	11.8	-39.39	-27	-12.39	96	262	H
1	5.725	-37.53	Pk	34.7	-29.9	11.8	-20.93	27	-47.93	96	262	H

Pk - Peak detector

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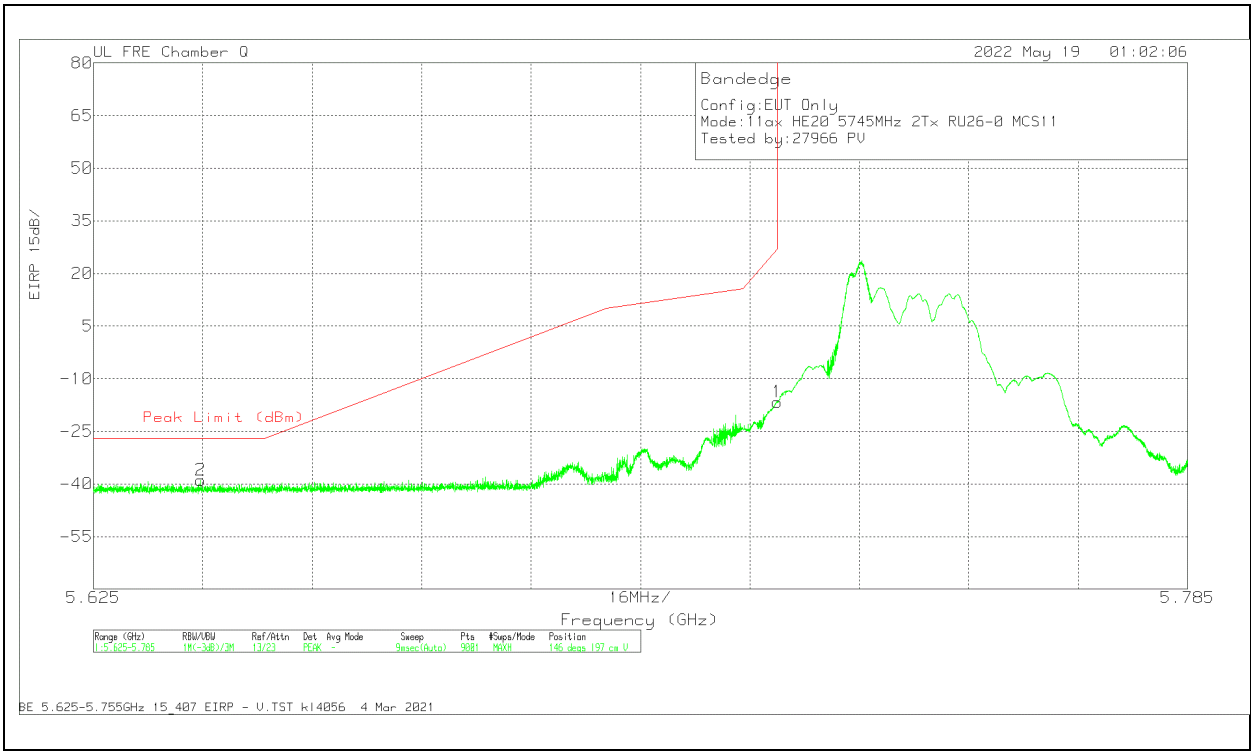
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.640698	-55.29	Pk	34.6	-30.1	11.8	-38.99	-27	-11.99	146	197	V
1	5.725	-33.26	Pk	34.7	-29.9	11.8	-16.66	27	-43.66	146	197	V

Pk - Peak detector

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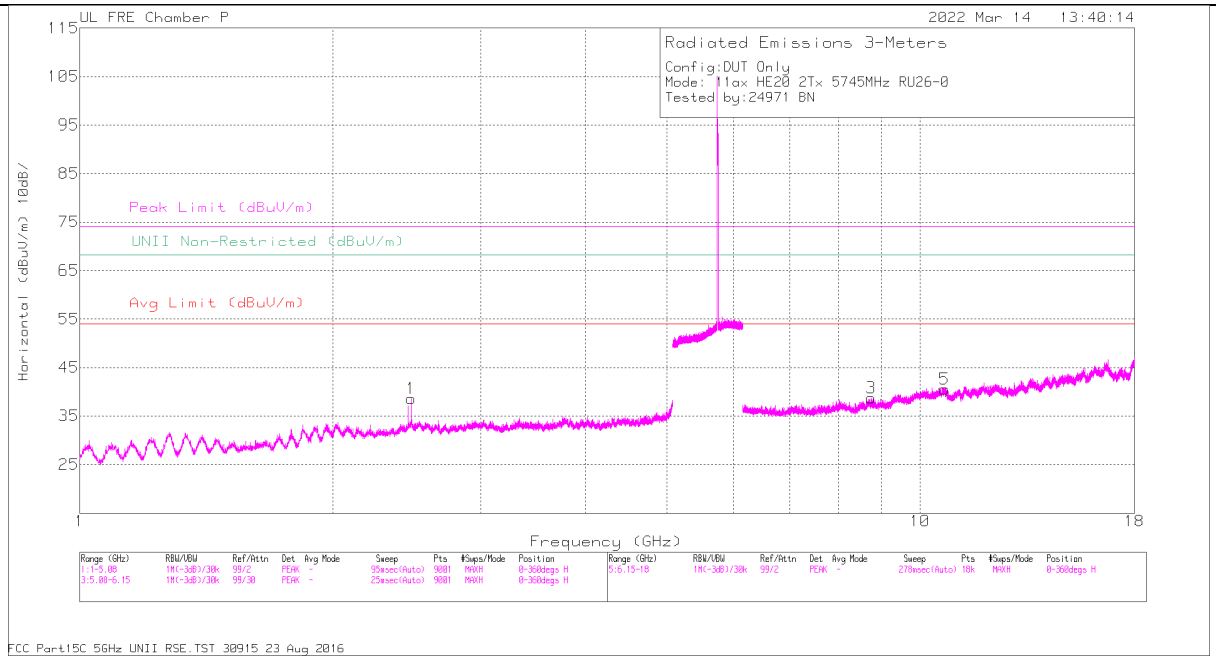
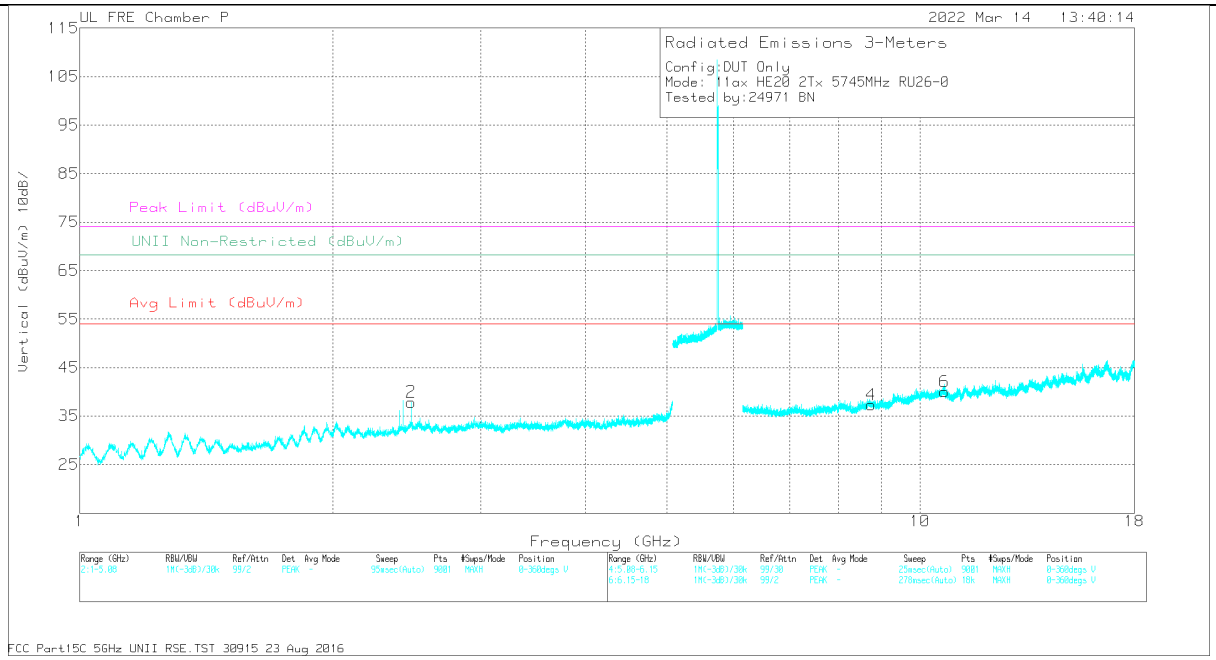
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 41112 (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	2.4804	55.25	PK-U	32.4	-43.3	44.35	-	-	-	-	68.2	-23.85	57	219	H
2	2.4801	56.05	PK-U	32.4	-43.3	45.15	-	-	-	-	68.2	-23.05	15	285	V
3	8.7507	46.51	PK-U	36.2	-35.1	47.61	-	-	-	-	68.2	-20.59	350	361	H
4	8.7501	46.63	PK-U	36.2	-35.1	47.73	-	-	-	-	68.2	-20.47	356	179	V
6	10.6899	46.01	PK-U	38.3	-33.9	50.41	-	-	74	-23.59	-	-	108	294	V
	10.6893	34.42	ADR	38.3	-33.9	38.82	54	-15.18	-	-	-	-	108	294	V
5	10.6908	45.95	PK-U	38.3	-33.9	50.35	-	-	74	-23.65	-	-	200	256	H
	10.6904	34.51	ADR	38.3	-33.9	38.91	54	-15.09	-	-	-	-	200	256	H

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

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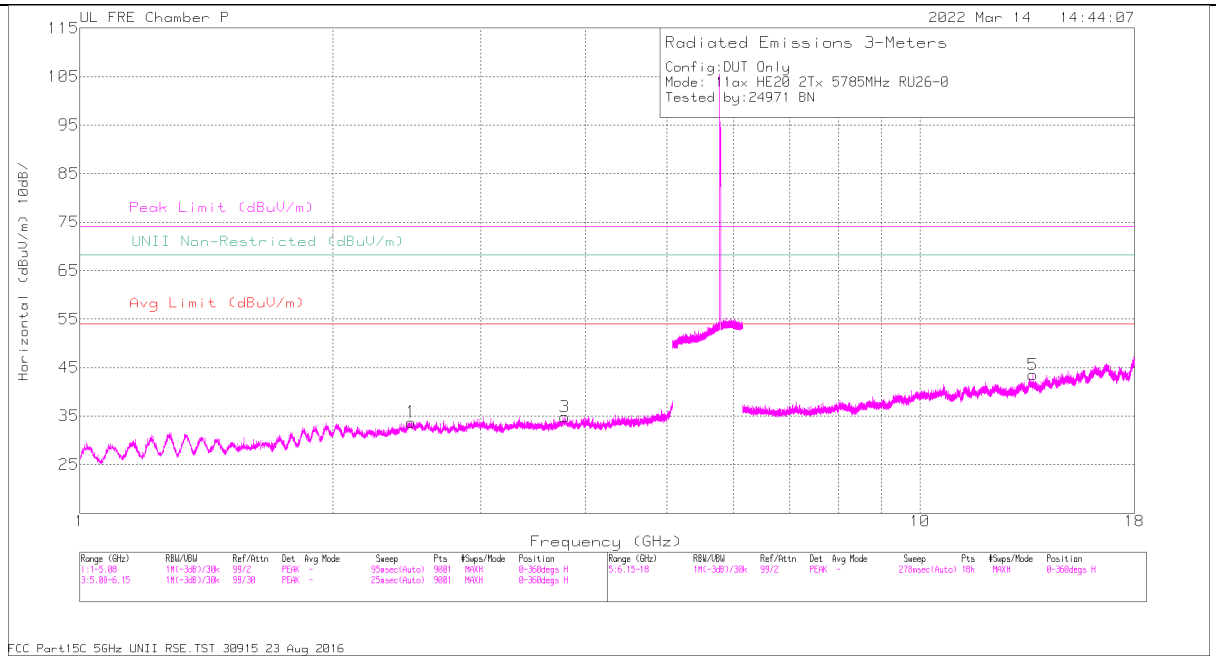
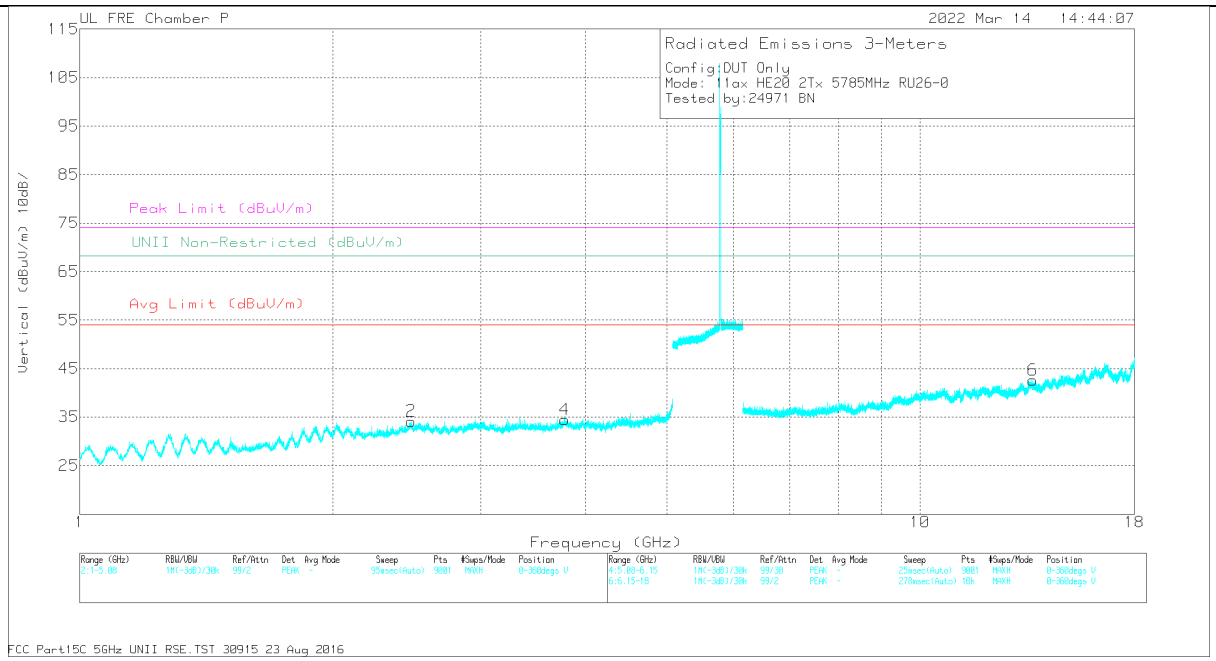
MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 41112 (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	2.4768	54.33	PK-U	32.4	-43.2	43.53	-	-	-	-	68.2	-24.67	268	225	H
2	2.4797	54.41	PK-U	32.4	-43.3	43.51	-	-	-	-	68.2	-24.69	265	182	V
3	3.7768	51.36	PK-U	33.4	-40.2	44.56	-	-	74	-29.44	-	-	347	336	H
	3.7765	39.47	ADR	33.4	-40.2	32.67	54	-21.33	-	-	-	-	347	336	H
4	3.7775	51.38	PK-U	33.4	-40.2	44.58	-	-	74	-29.42	-	-	0	329	V
	3.7788	39.51	ADR	33.4	-40.2	32.71	54	-21.29	-	-	-	-	0	329	V
6	13.6274	45.16	PK-U	39	-32.5	51.66	-	-	-	-	68.2	-16.54	6	320	V
5	13.6342	46.11	PK-U	39	-32.5	52.61	-	-	-	-	68.2	-15.59	136	367	H

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

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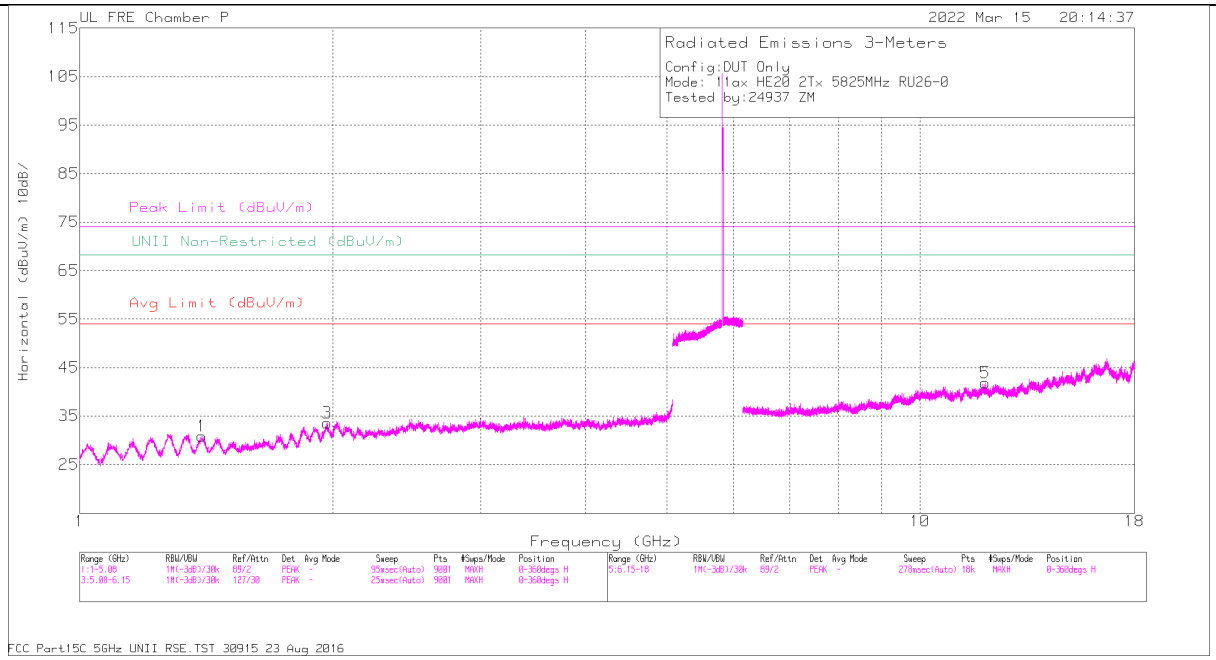
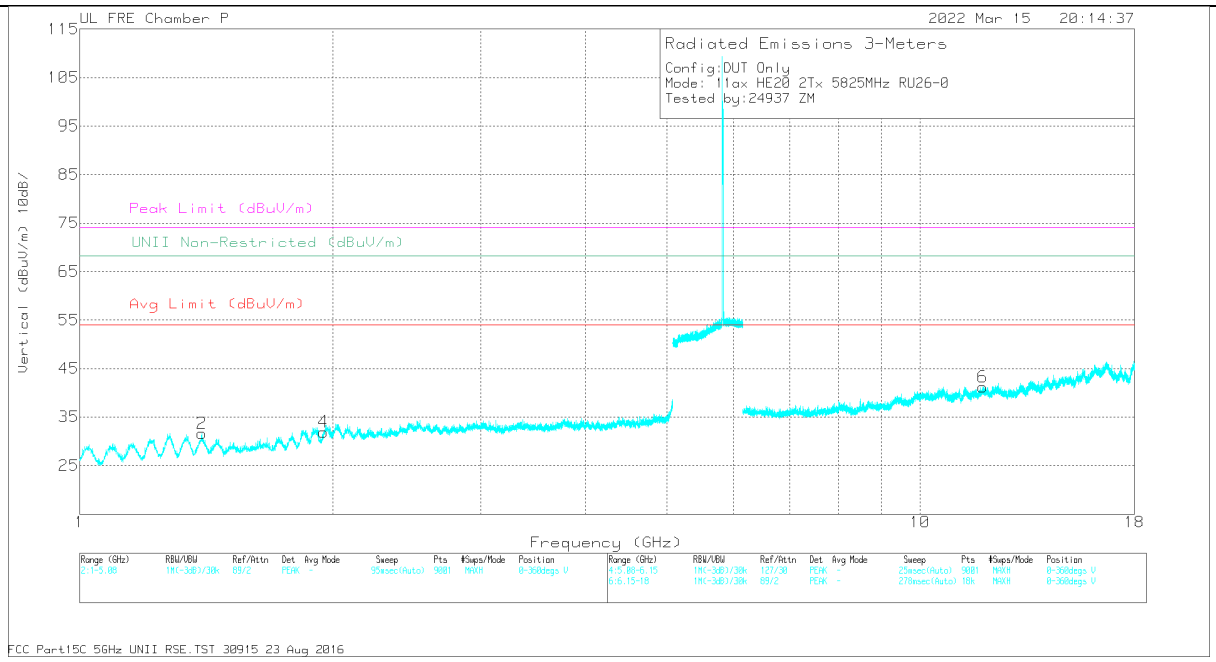
HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 41112 (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	* 1.3982	55.65	PK-U	29	-44.1	40.55	-	-	74	-33.45	-	-	320	142	H
	* 1.3964	44.19	ADR	29	-44.1	29.09	54	-24.91	-	-	-	-	320	142	H
2	* 1.3948	55.92	PK-U	29	-44.1	40.82	-	-	74	-33.18	-	-	262	188	V
	* 1.3949	44.42	ADR	29	-44.1	29.32	54	-24.68	-	-	-	-	262	188	V
5	* 11.9701	45.37	PK-U	38.9	-33.3	50.97	-	-	74	-23.03	-	-	277	200	H
	* 11.9695	33.41	ADR	38.9	-33.3	39.01	54	-14.99	-	-	-	-	277	200	H
6	* 11.8819	44.54	PK-U	38.9	-33.1	50.34	-	-	74	-23.66	-	-	147	170	V
	* 11.8823	33.31	ADR	38.9	-33.1	39.11	54	-14.89	-	-	-	-	147	170	V
4	1.9522	55.02	PK-U	31.1	-43.8	42.32	-	-	-	-	68.2	-25.88	82	313	V
3	1.9679	55.33	PK-U	31.3	-43.7	42.93	-	-	-	-	68.2	-25.27	334	322	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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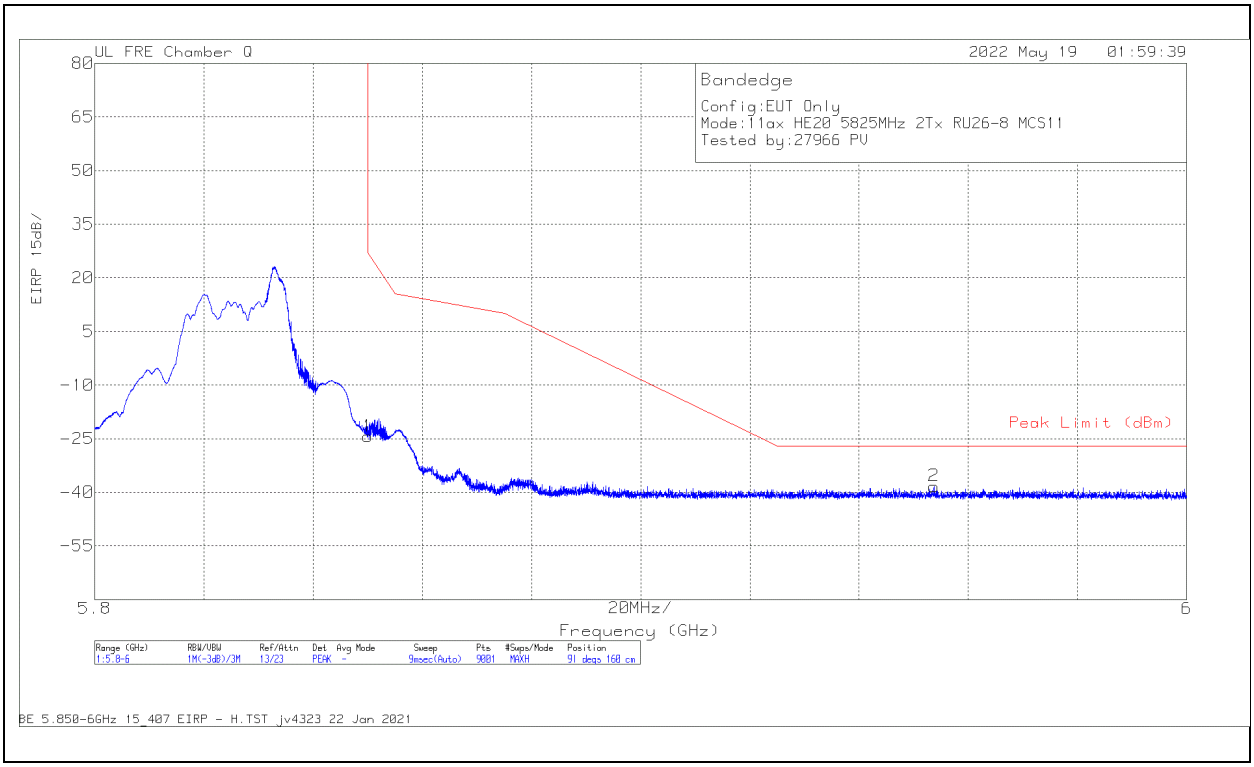
2TX Antenna 6 + Antenna 5 OFDMA MODE: 26-Tones, RU Index 8

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 200895 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-41.59	Pk	34.9	-29.5	11.8	-24.39	27	-51.39	91	160	H
2	5.95371	-55.99	Pk	35.2	-29.3	11.8	-38.29	-27	-11.29	91	160	H

Pk - Peak detector

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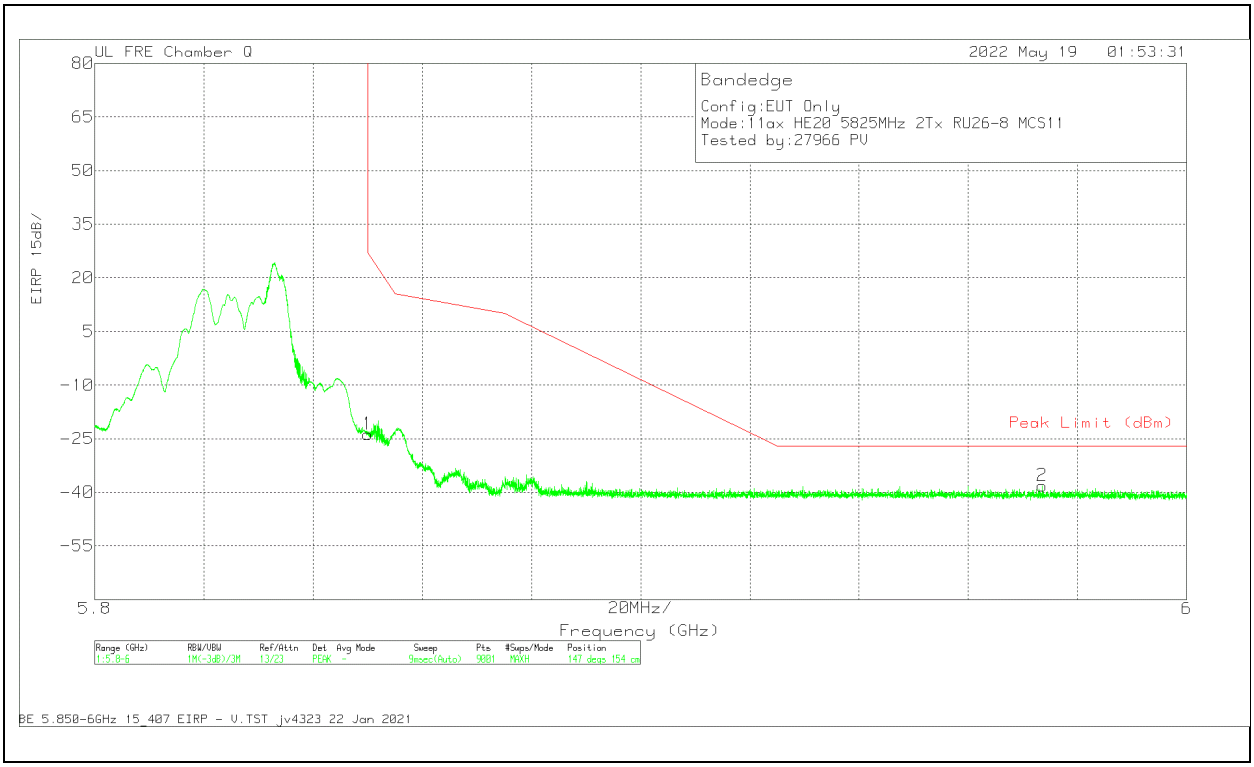
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-40.97	Pk	34.9	-29.5	11.8	-23.77	27	-50.77	147	154	V
2	5.973576	-55.93	Pk	35.2	-29.2	11.8	-38.13	-27	-11.13	147	154	V

Pk - Peak detector

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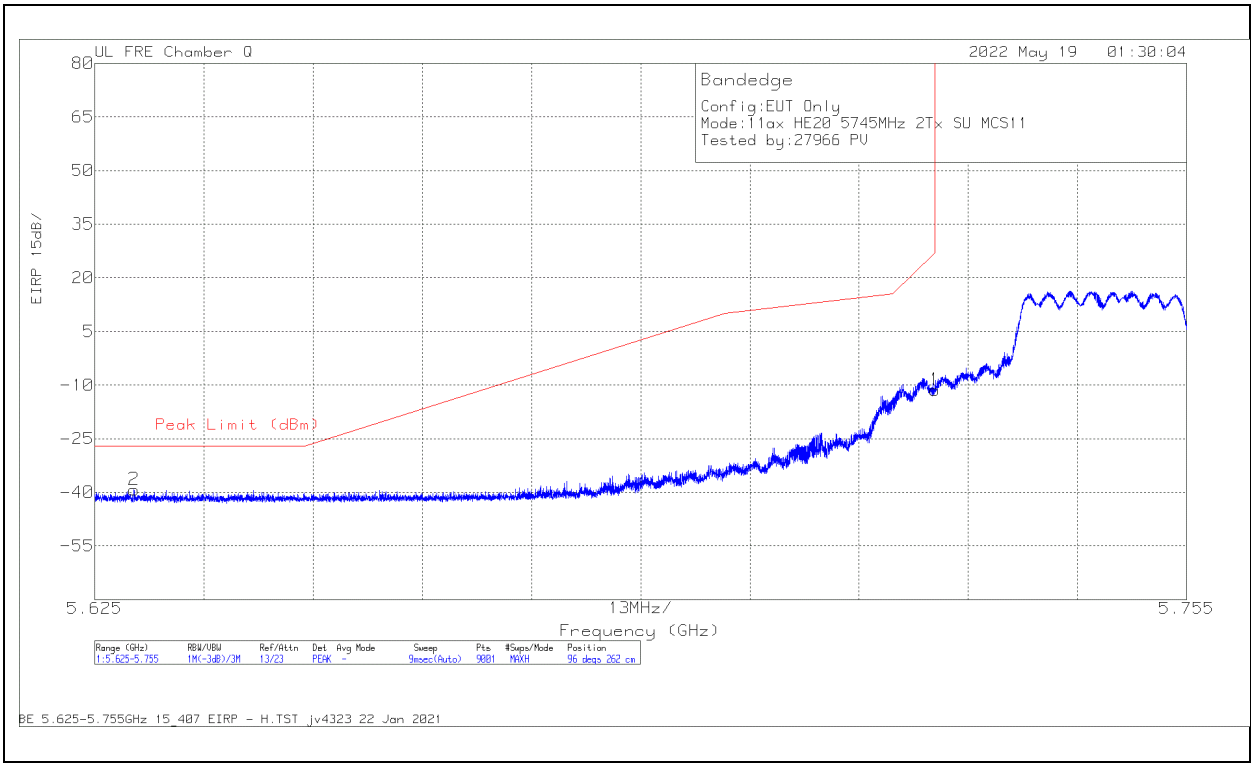
2TX Antenna 6 + Antenna 5 OFDMA MODE: SU, Single User

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.629665	-55.54	Pk	34.6	-30.1	11.8	-39.24	-27	-12.24	96	262	H
1	5.725	-27.97	Pk	34.7	-29.9	11.8	-11.37	27	-38.37	96	262	H

Pk - Peak detector

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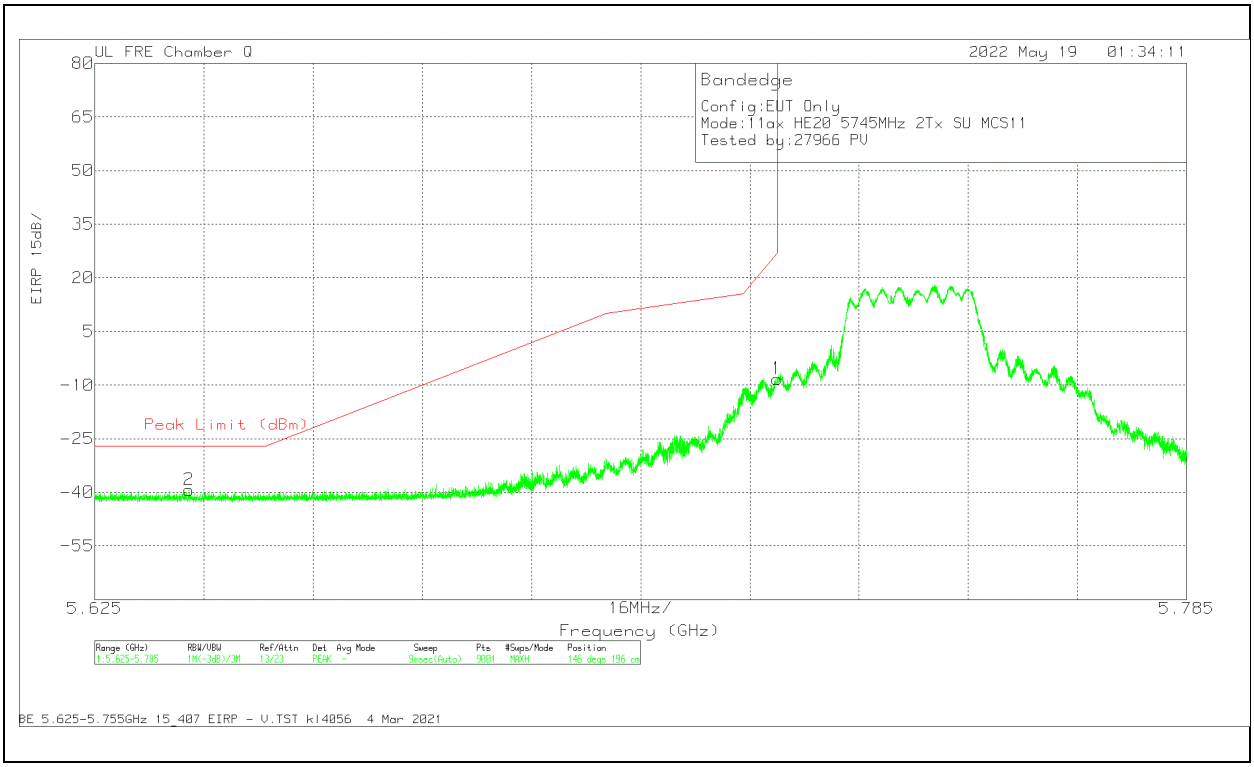
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.638831	-55.65	Pk	34.6	-30.1	11.8	-39.35	-27	-12.35	146	196	V
1	5.725	-24.88	Pk	34.7	-29.9	11.8	-8.28	27	-35.28	146	196	V

Pk - Peak detector

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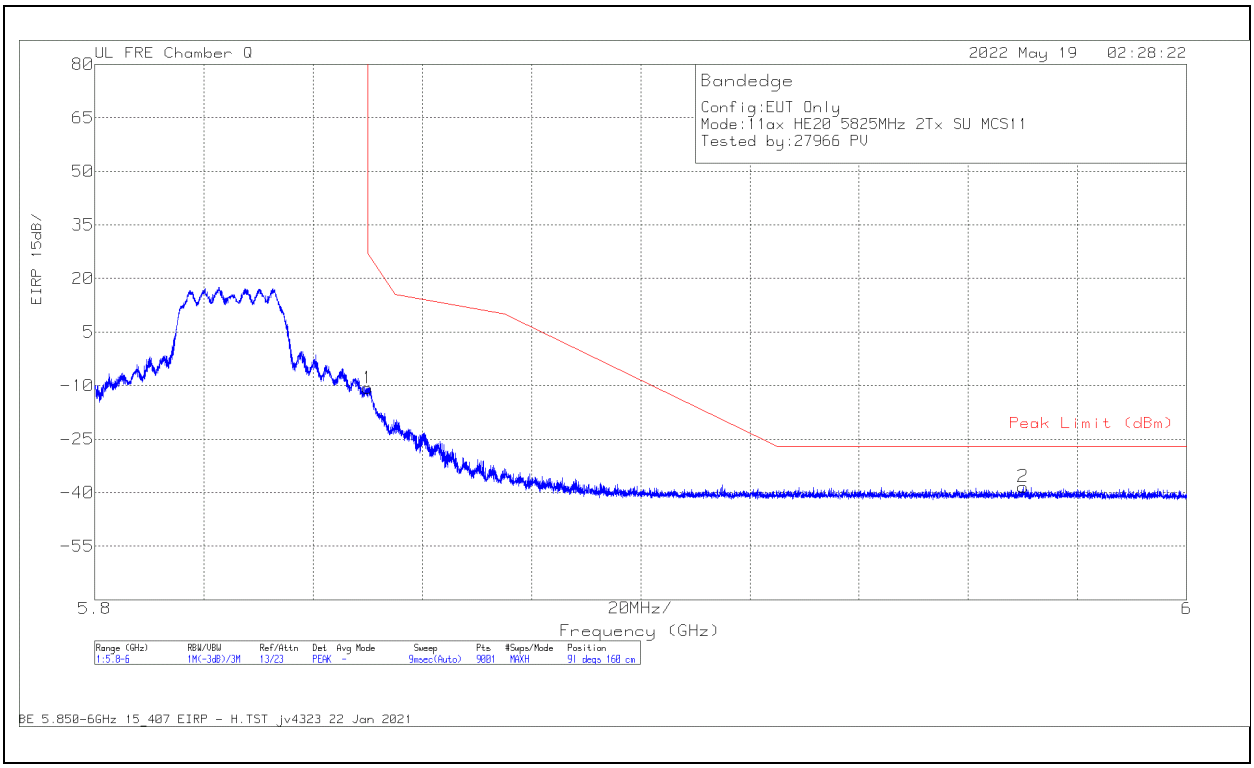
BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-27.89	Pk	34.9	-29.5	11.8	-10.69	27	-37.69	91	160	H
2	5.970043	-56.04	Pk	35.2	-29.3	11.8	-38.34	-27	-11.34	91	160	H

Pk - Peak detector

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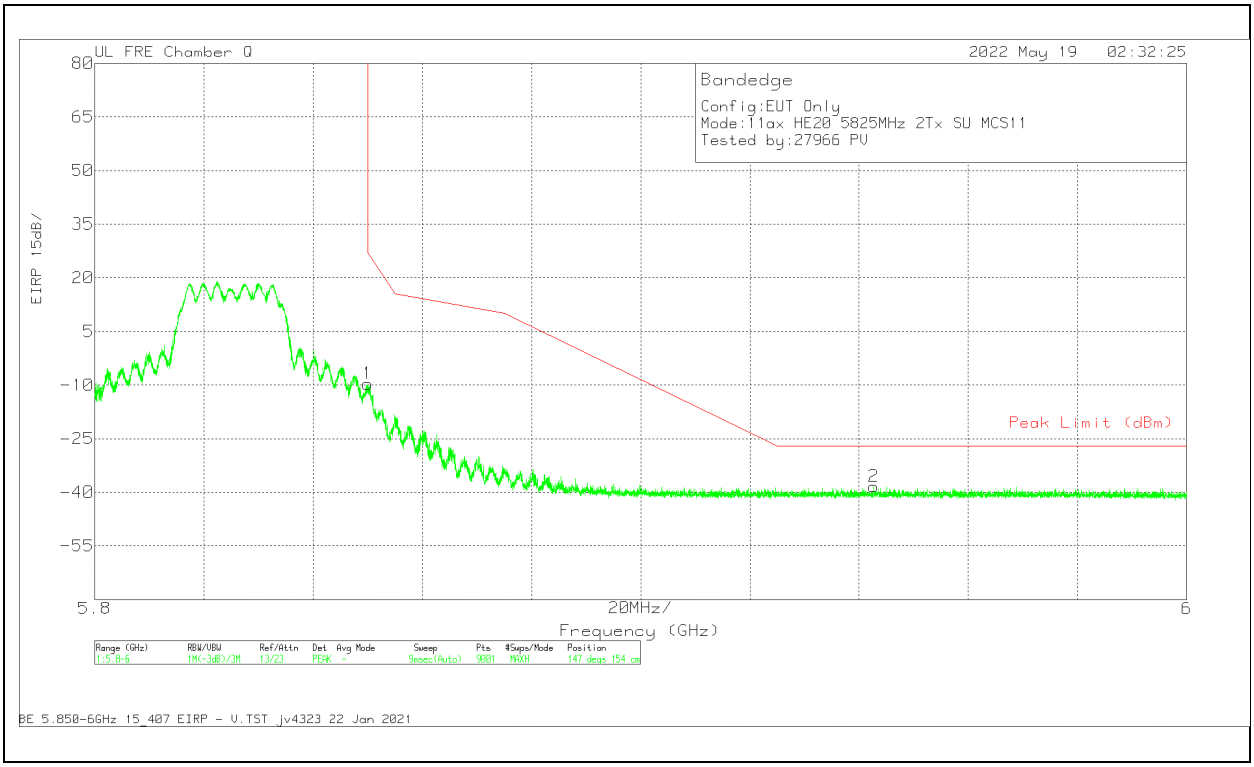
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 200895 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-26.88	Pk	34.9	-29.5	11.8	-9.68	27	-36.68	147	154	V
2	5.94271	-56.07	Pk	35.2	-29.3	11.8	-38.37	-27	-11.37	147	154	V

Pk - Peak detector

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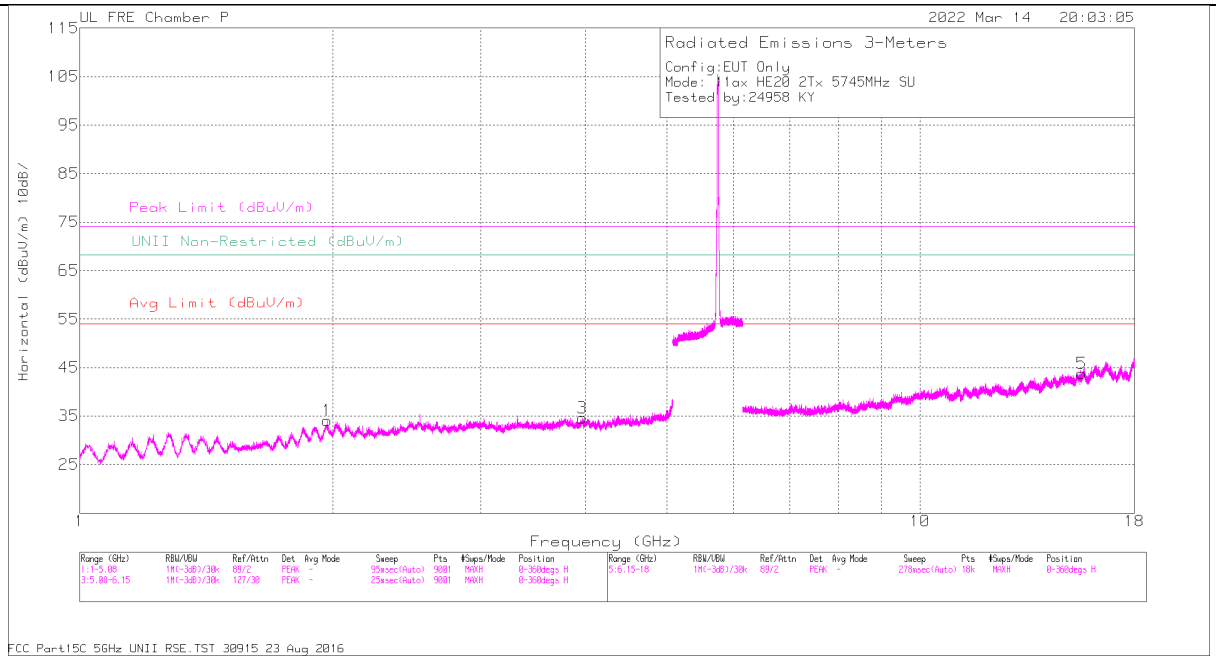
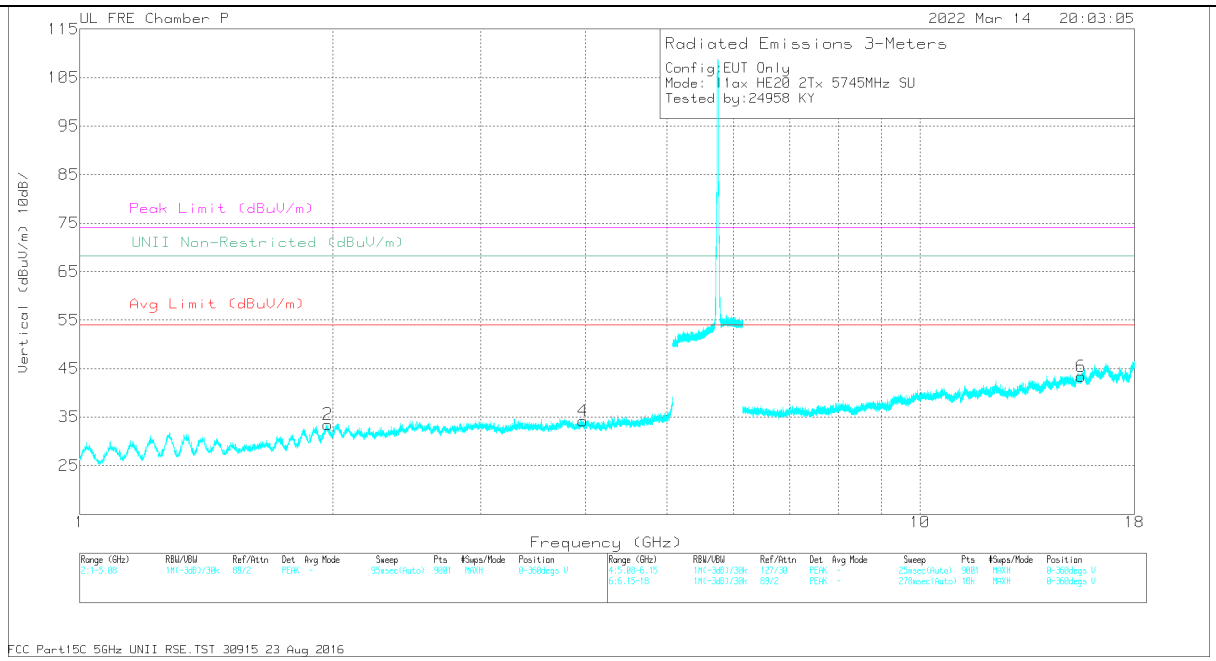
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Maarker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 41112 (dB/m)	Amp/ Cbl/Flt r/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
2	1.9729	55.66	PK-U	31.4	-43.6	43.46	-	-	-	-	68.2	-24.74	360	201	V
1	1.9713	55.97	PK-U	31.4	-43.8	43.57	-	-	-	-	68.2	-24.63	360	100	H
4	3.9655	50.78	PK-U	33.5	-40.3	43.98	-	-	74	-30.02	-	-	360	200	V
	3.9657	39.36	ADR	33.5	-40.3	32.56	54	-21.44	-	-	-	-	360	200	V
3	3.9658	50.95	PK-U	33.5	-40.3	44.15	-	-	74	-29.85	-	-	360	100	H
	3.9685	39.61	ADR	33.5	-40.3	32.81	54	-21.19	-	-	-	-	360	100	H
6	15.5587	44.39	PK-U	40	-31.5	52.89	-	-	74	-21.11	-	-	360	201	V
	15.5579	33.07	ADR	40	-31.4	41.67	54	-12.33	-	-	-	-	360	201	V
5	15.5805	44.99	PK-U	40	-31.4	53.59	-	-	74	-20.41	-	-	360	100	H
	15.5803	33.27	ADR	40	-31.4	41.87	54	-12.13	-	-	-	-	360	100	H

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

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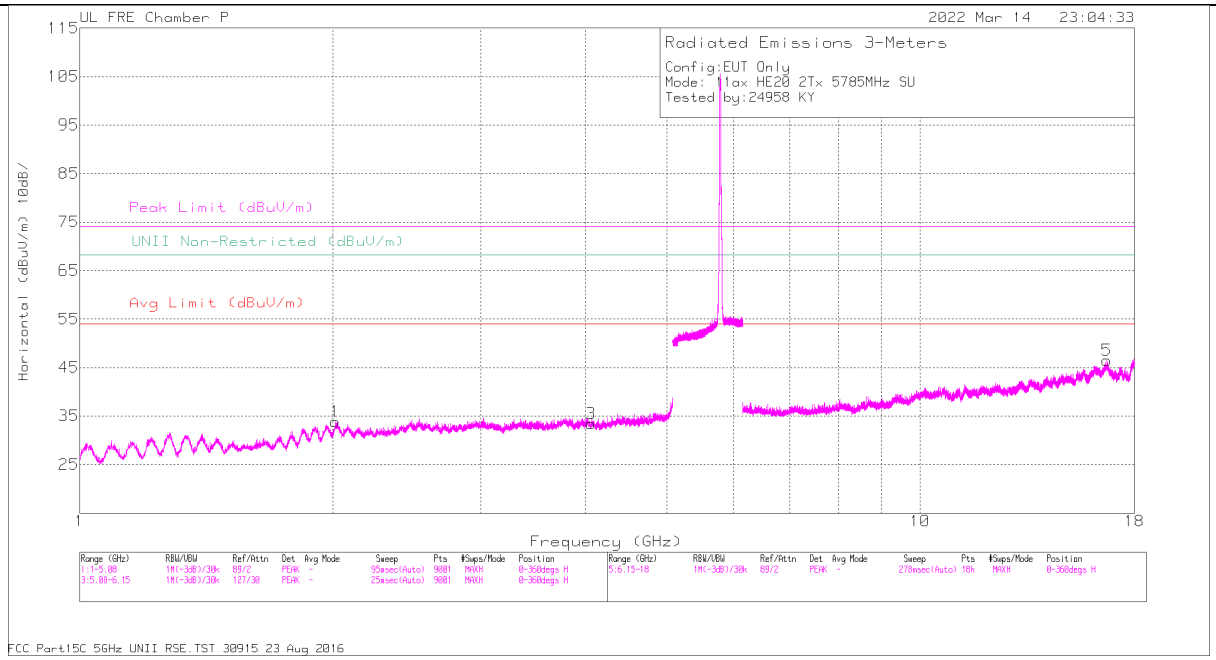
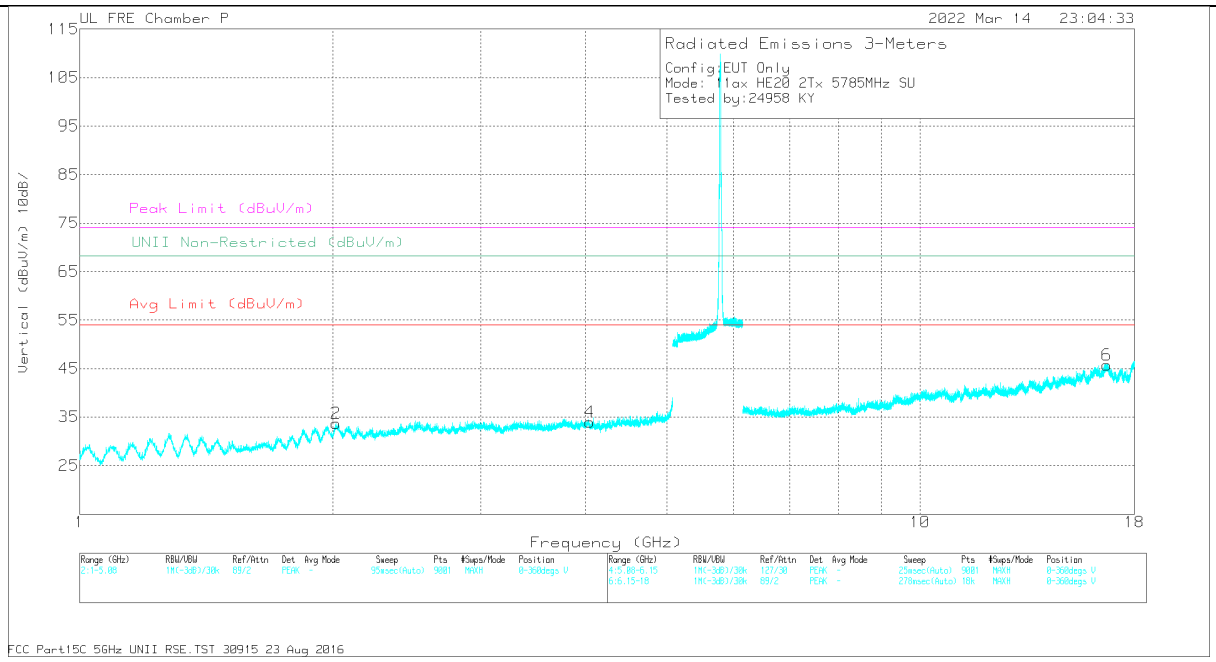
MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 41112 (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	2.0164	55.05	PK-U	31.8	-43.7	43.15	-	-	-	-	68.2	-25.05	360	100	H
2	2.0194	55.35	PK-U	31.7	-43.6	43.45	-	-	-	-	68.2	-24.75	360	201	V
4	4.0474	50.5	PK-U	33.4	-40.1	43.8	-	-	74	-30.2	-	-	360	200	V
	4.0500	38.96	ADR	33.4	-40.1	32.26	54	-21.74	-	-	-	-	360	200	V
3	4.0625	50.63	PK-U	33.4	-40.2	43.83	-	-	74	-30.17	-	-	360	100	H
	4.0620	39.1	ADR	33.4	-40.2	32.3	54	-21.7	-	-	-	-	360	100	H
6	16.6794	43.98	PK-U	40.9	-29.1	55.78	-	-	-	-	68.2	-12.42	360	201	V
5	16.6994	44.2	PK-U	40.9	-29.2	55.9	-	-	-	-	68.2	-12.3	360	100	H

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

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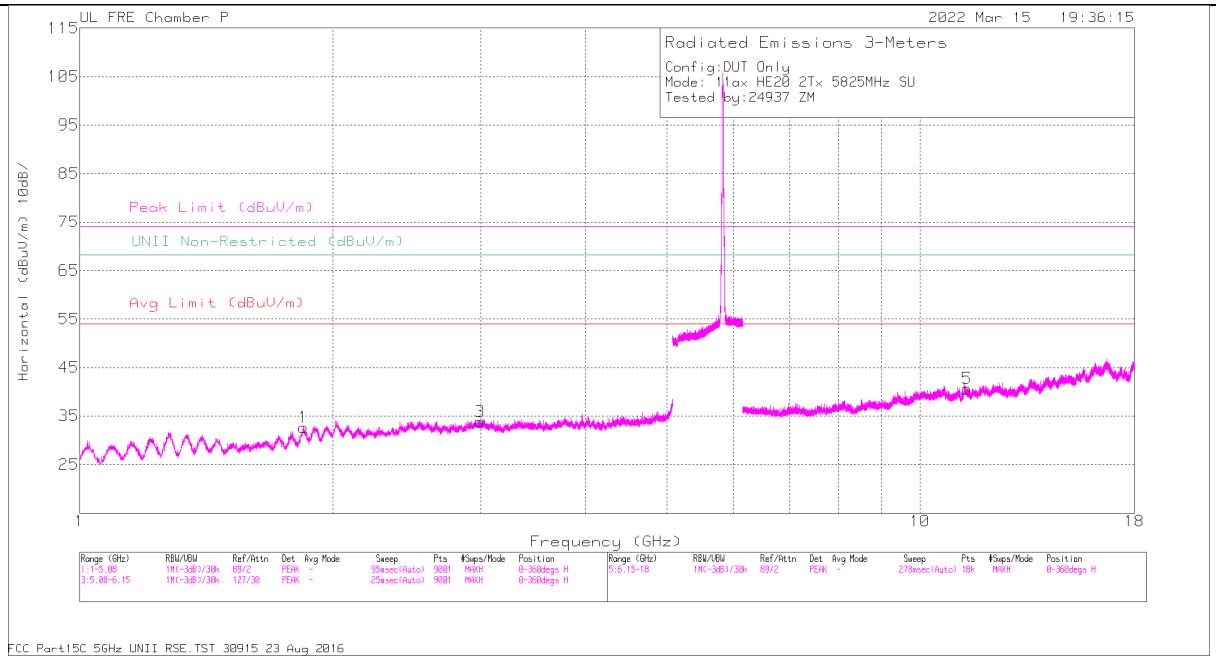
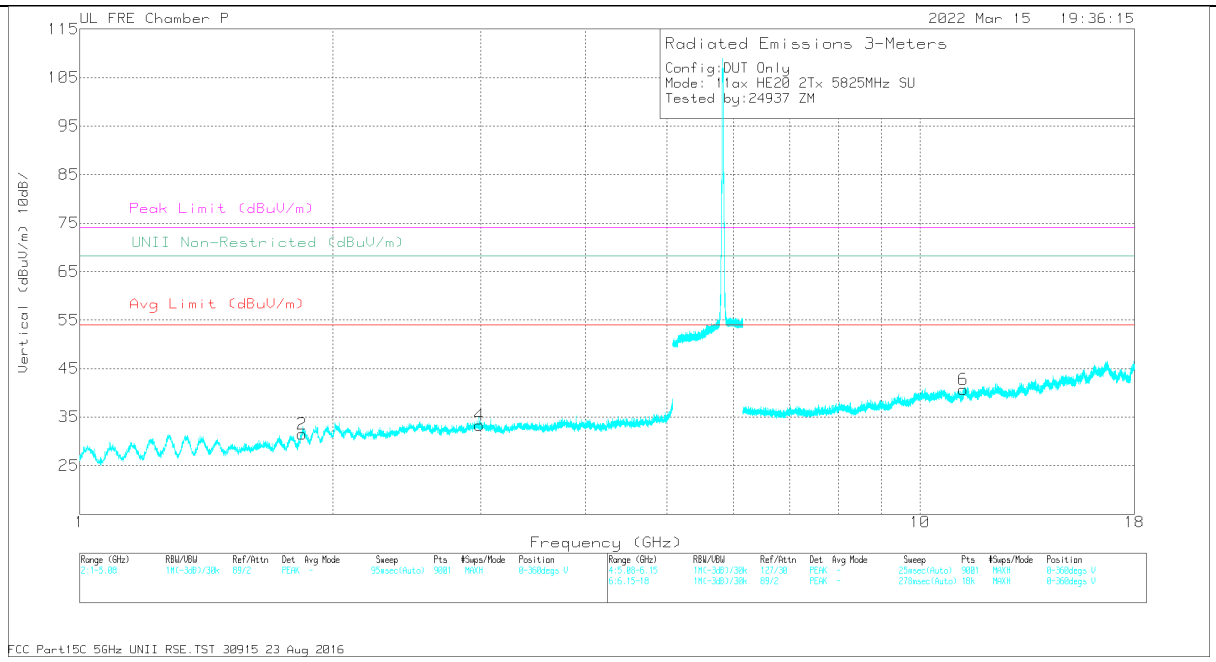
HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 41112 (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	* 11.372	45.16	PK-U	38.4	-33.3	50.26	-	-	74	-23.74	-	-	53	355	H
	* 11.3725	33.59	ADR	38.4	-33.3	38.69	54	-15.31	-	-	-	-	53	355	H
6	* 11.260	45.24	PK-U	38.3	-33.6	49.94	-	-	74	-24.06	-	-	160	106	V
	* 11.262	33.48	ADR	38.3	-33.6	38.18	54	-15.82	-	-	-	-	160	106	V
2	1.8399	54.98	PK-U	30.8	-43.9	41.88	-	-	-	-	68.2	-26.32	349	223	V
3	1.8468	55.53	PK-U	30.9	-43.9	42.53	-	-	-	-	68.2	-25.67	108	258	H
4	2.9913	52.51	PK-U	32.7	-41.7	43.51	-	-	-	-	68.2	-24.69	329	310	V
5	2.9960	53.07	PK-U	32.7	-41.7	44.07	-	-	-	-	68.2	-24.13	322	394	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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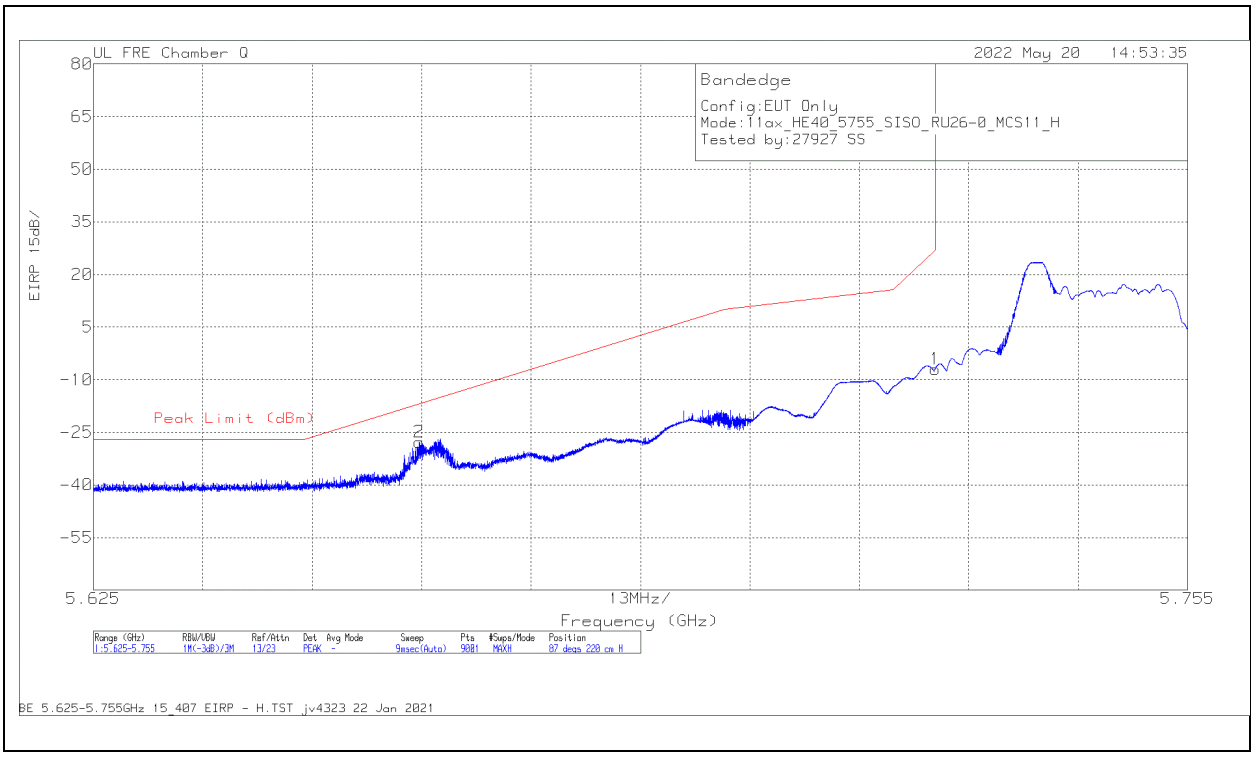
1.1.23. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.8GHz BAND

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 200895 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.663724	-44.12	Pk	34.6	-30	11.8	0	-27.72	-16.84	-10.88	87	220	H
1	5.725	-23.59	Pk	34.7	-29.9	11.8	0	-6.99	27	-33.99	87	220	H

Pk - Peak detector

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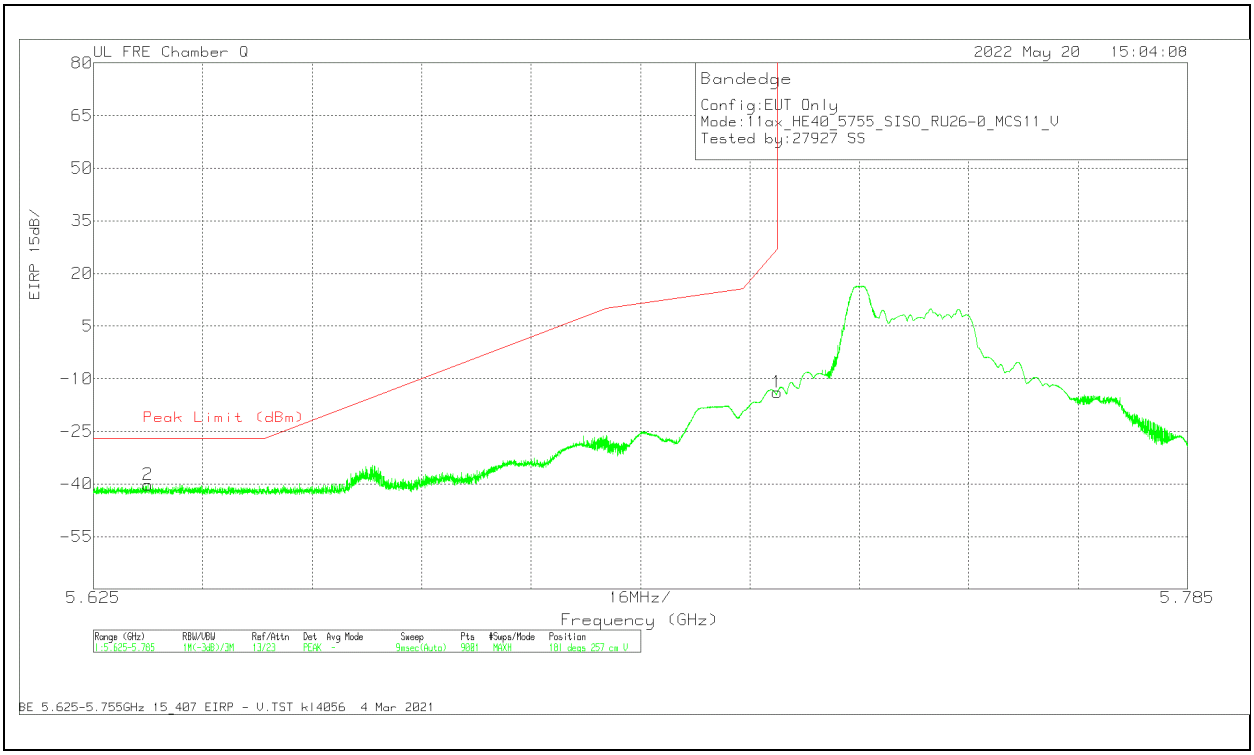
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 200895 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.632965	-56.62	Pk	34.6	-30	11.8	0	-40.22	-27	-13.22	181	257	V
1	5.725	-30.52	Pk	34.7	-29.9	11.8	0	-13.92	27	-40.92	181	257	V

Pk - Peak detector

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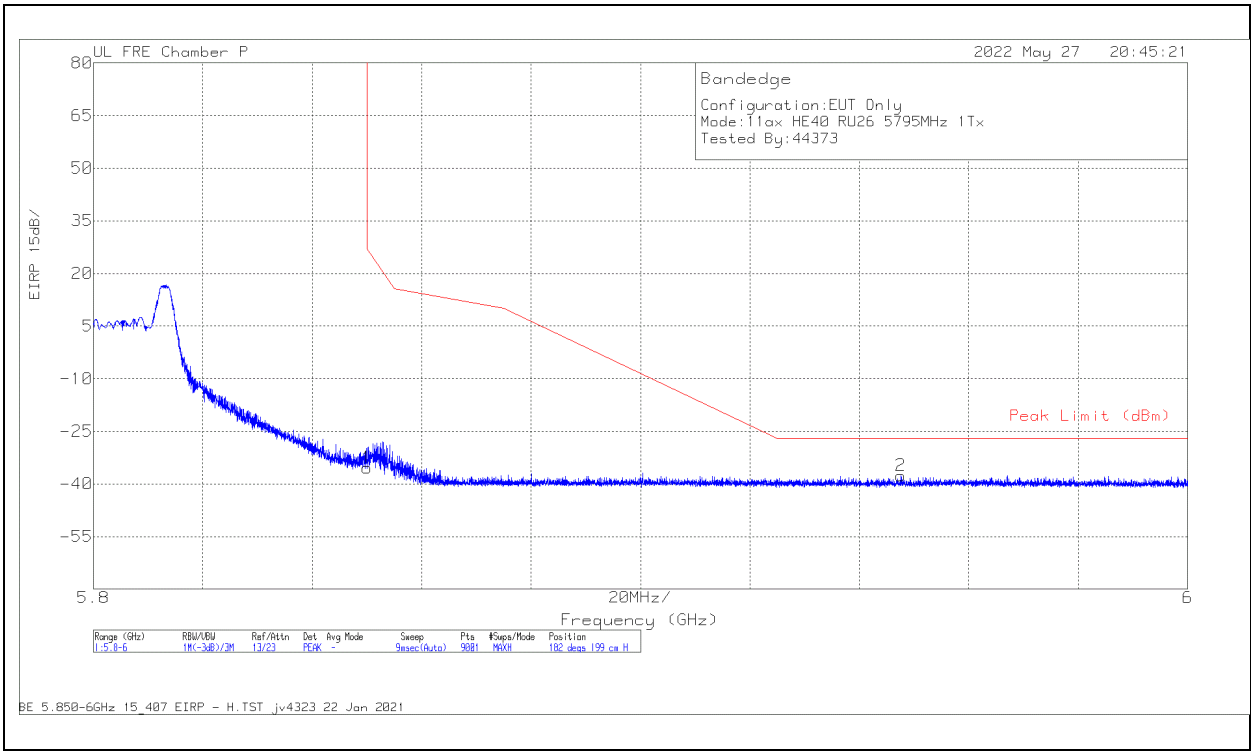
1TX Antenna 6 MODE: 26-Tones, RU Index 17

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 41112 (dB/m)	Amp/Cbl /Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-54.38	Pk	35.4	-28.3	11.8	-35.48	27	-62.48	182	199	H
2	5.947643	-56.56	Pk	35.5	-28.3	11.8	-37.56	-27	-10.56	182	199	H

Pk - Peak detector

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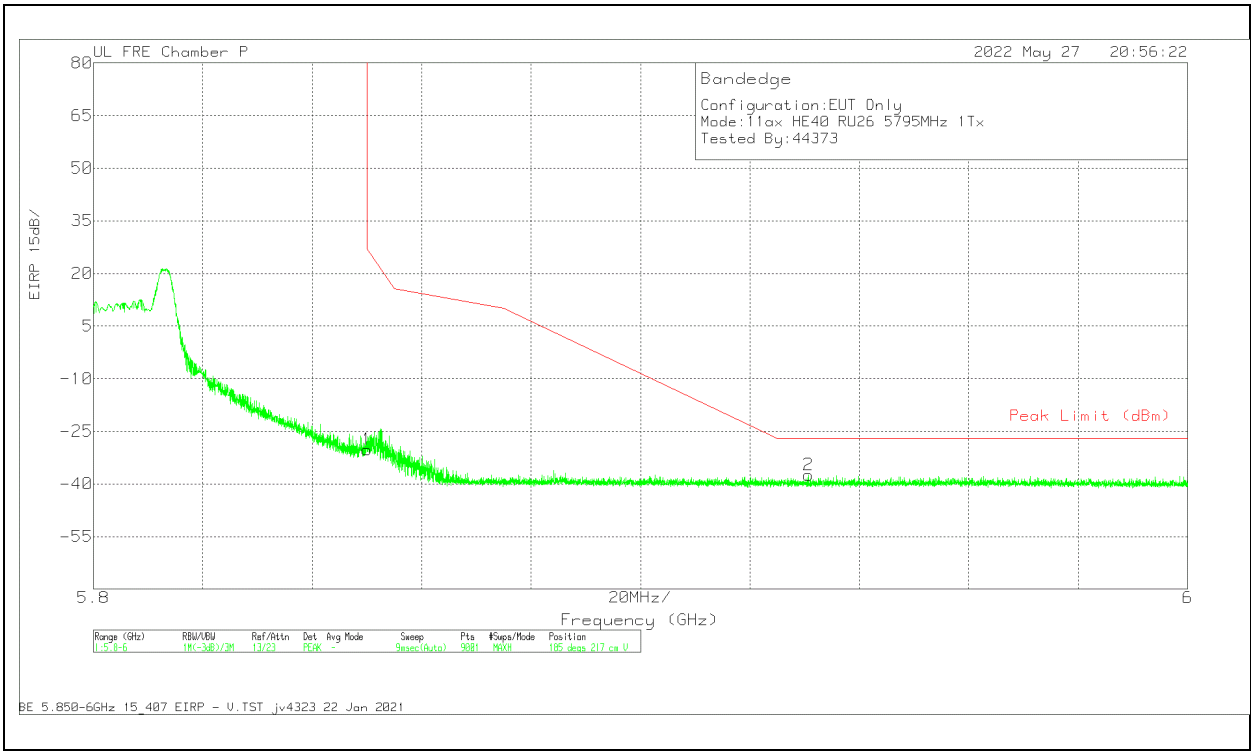
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 41112 (dB/m)	Amp/Cbl /Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-49.14	Pk	35.4	-28.3	11.8	-30.24	27	-57.24	185	217	V
2	5.930688	-56.49	Pk	35.5	-28.3	11.8	-37.49	-27	-10.49	185	217	V

Pk - Peak detector

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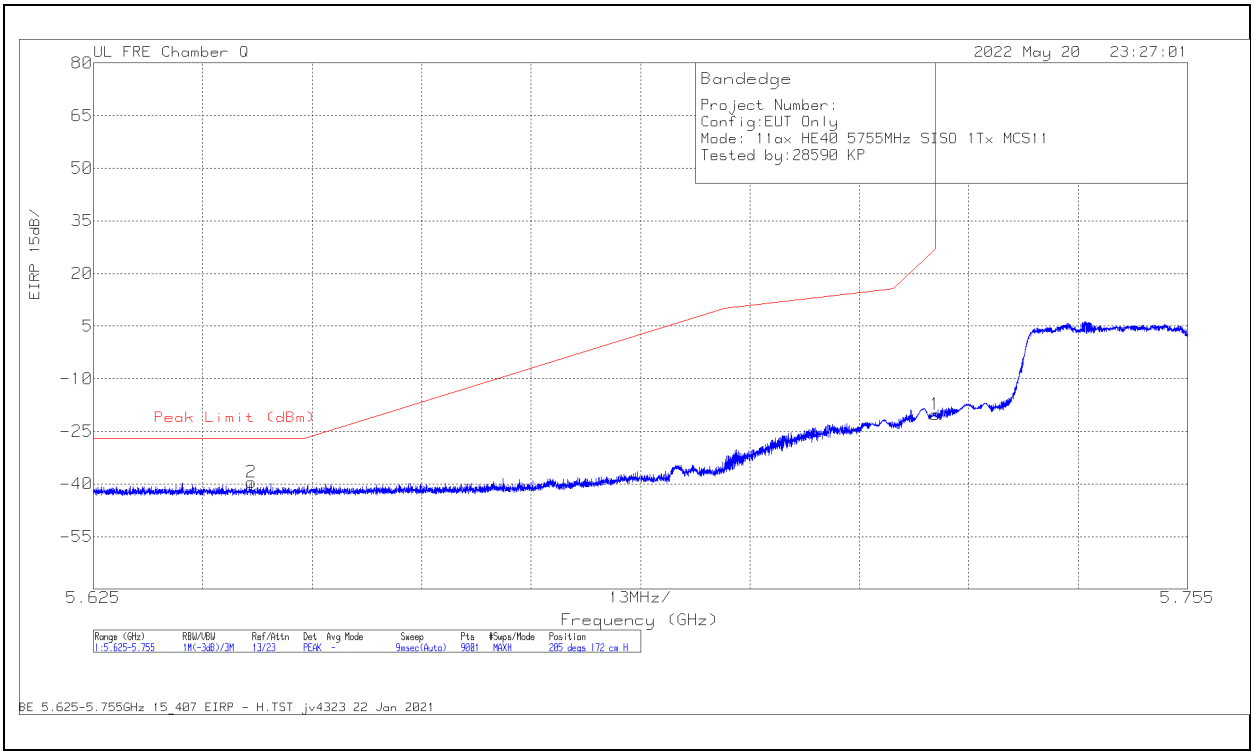
1TX Antenna 6 MODE: SU, Single User

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.643748	-55.7	Pk	34.6	-30.1	11.8	0	-39.4	-27	-12.4	205	172	H
1	5.725	-36.83	Pk	34.7	-29.9	11.8	0	-20.23	27	-47.23	205	172	H

Pk - Peak detector

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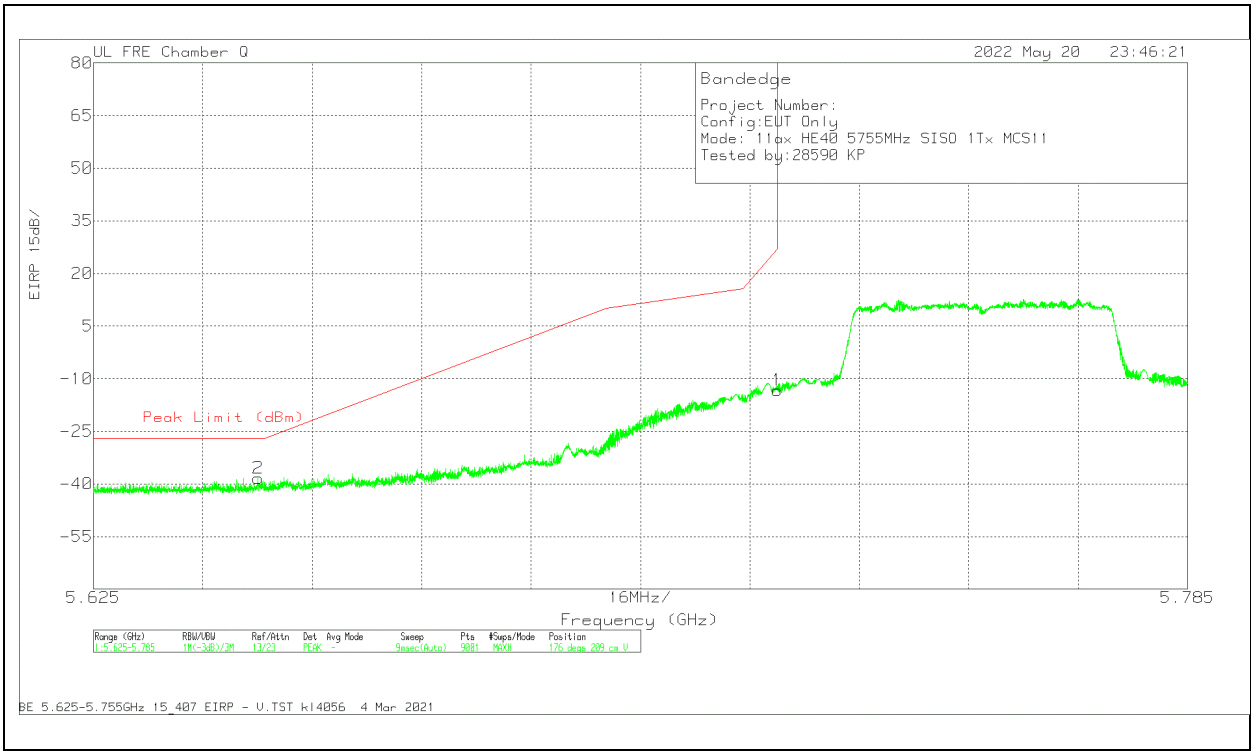
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 200895 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.649089	-54.7	Pk	34.6	-30	11.8	0	-38.3	-27	-11.3	176	209	V
1	5.725	-29.87	Pk	34.7	-29.9	11.8	0	-13.27	27	-40.27	176	209	V

Pk - Peak detector

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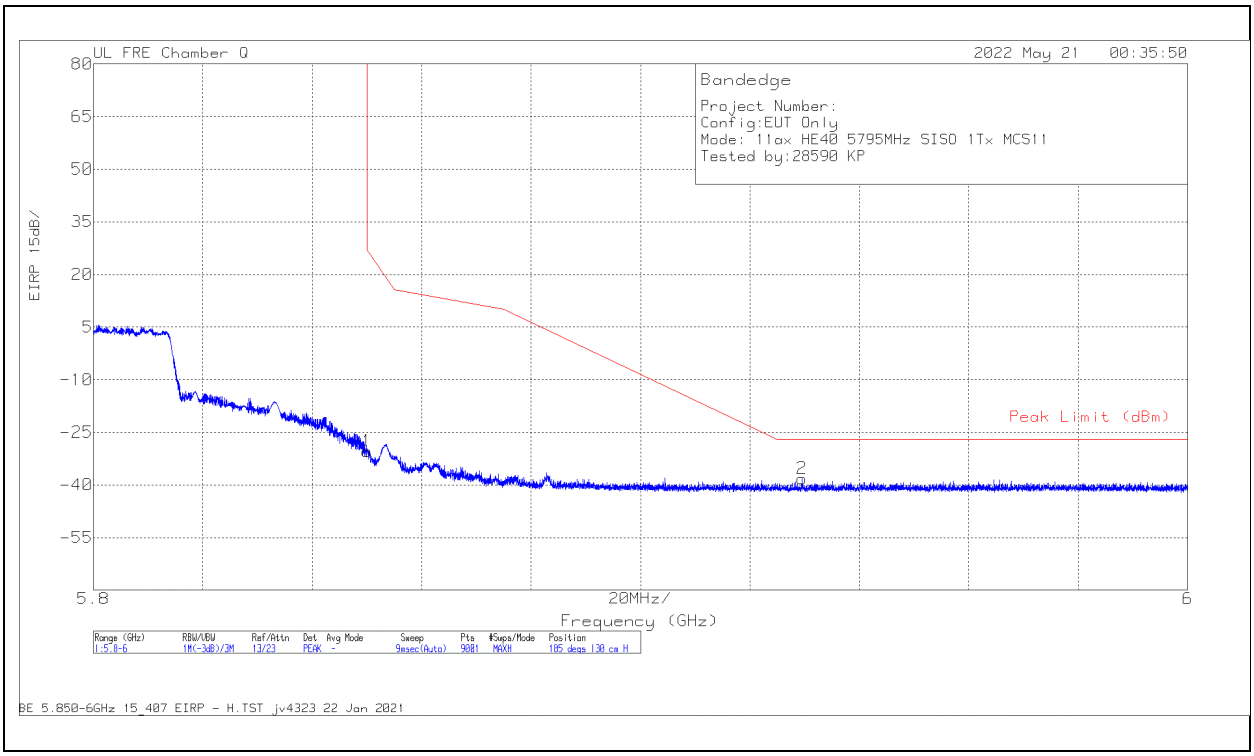
BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-47.6	Pk	34.9	-29.5	11.8	0	-30.4	27	-57.4	185	130	H
2	5.929488	-55.75	Pk	35.1	-29.4	11.8	0	-38.25	-27	-11.25	185	130	H

Pk - Peak detector

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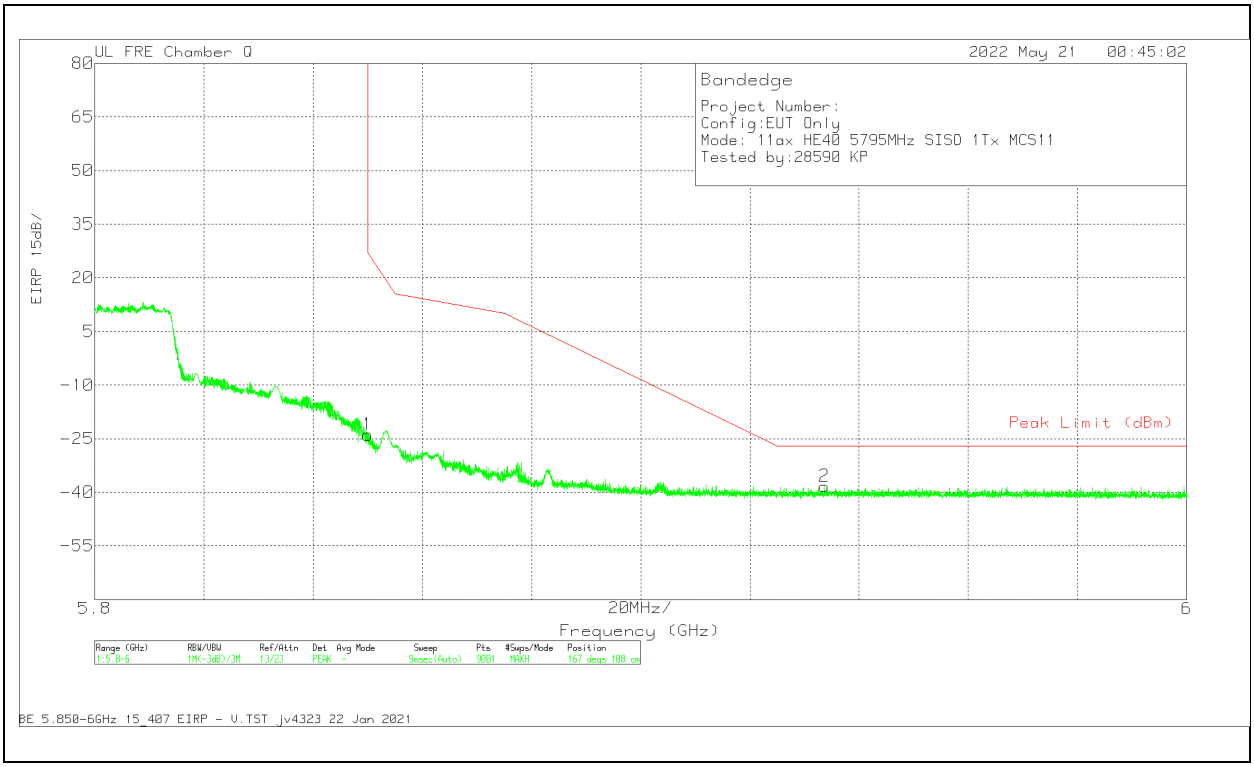
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-41.09	Pk	34.9	-29.5	11.8	0	-23.89	27	-50.89	167	108	V
2	5.933643	-55.96	Pk	35.1	-29.3	11.8	0	-38.36	-27	-11.36	167	108	V

Pk - Peak detector

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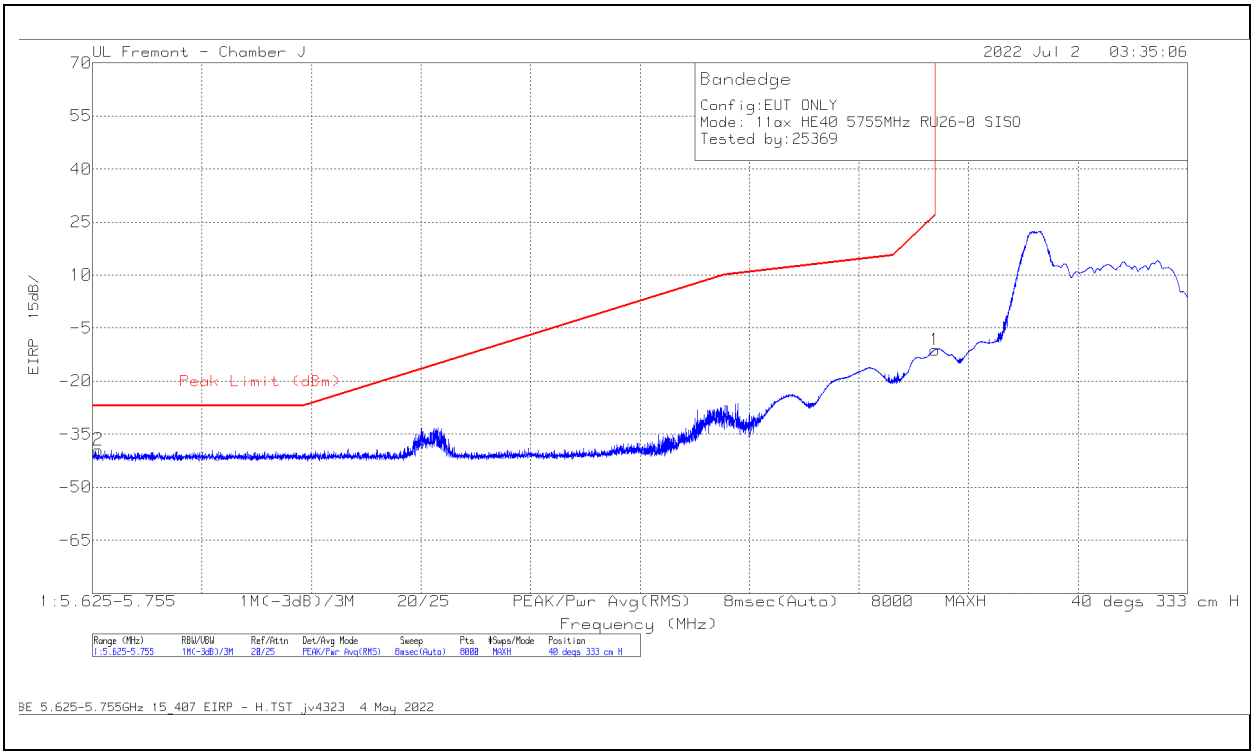
1TX Antenna 5 MODE: 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	AF 206806 (dB/m)	Amp/Cbl/Flter/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-20.22	Pk	34.6	-37.3	11.8	-11.12	27	-38.12	40	333	H
2	5625.666	-48.47	Pk	34.6	-37.4	11.8	-39.47	-27	-12.47	40	333	H

Pk - Peak detector

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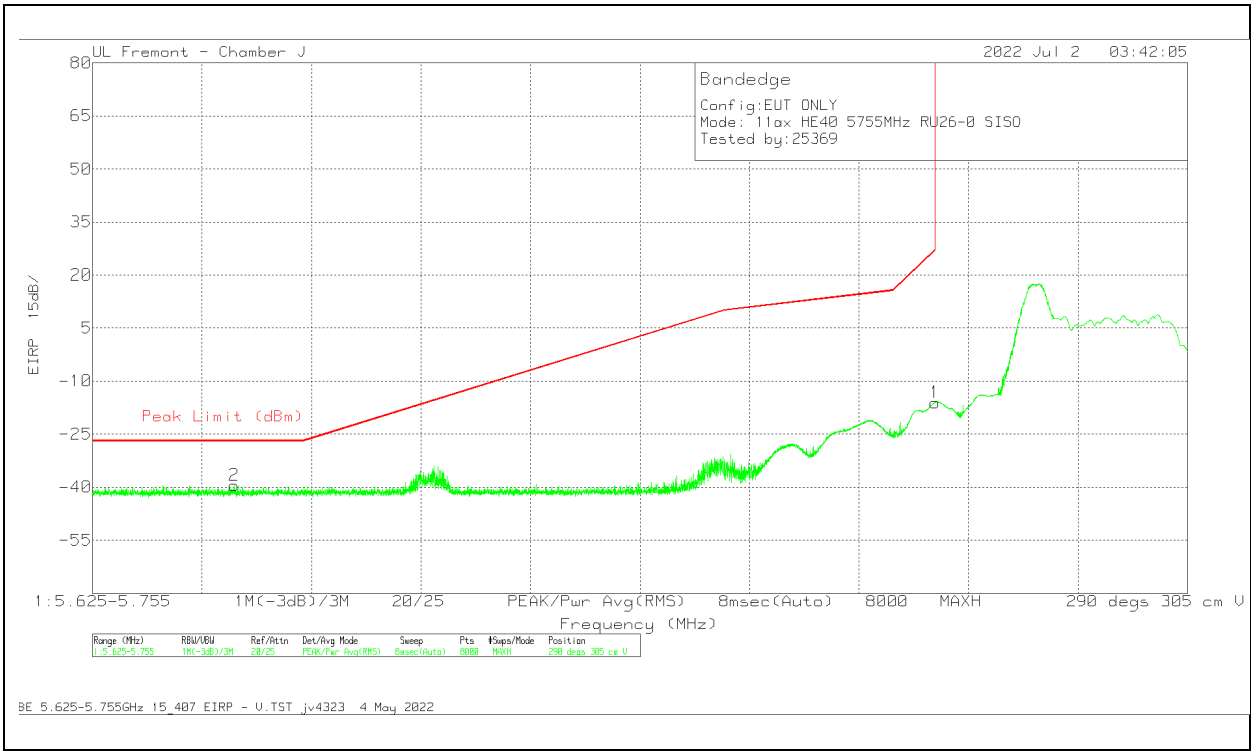
VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	AF 206806 (dB/m)	Amp/Cbl/Flter/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-25.18	Pk	34.6	-37.3	11.8	-16.08	27	-43.08	290	305	V
2	5641.853	-48.44	Pk	34.5	-37.4	11.8	-39.54	-27	-12.54	290	305	V

Pk - Peak detector

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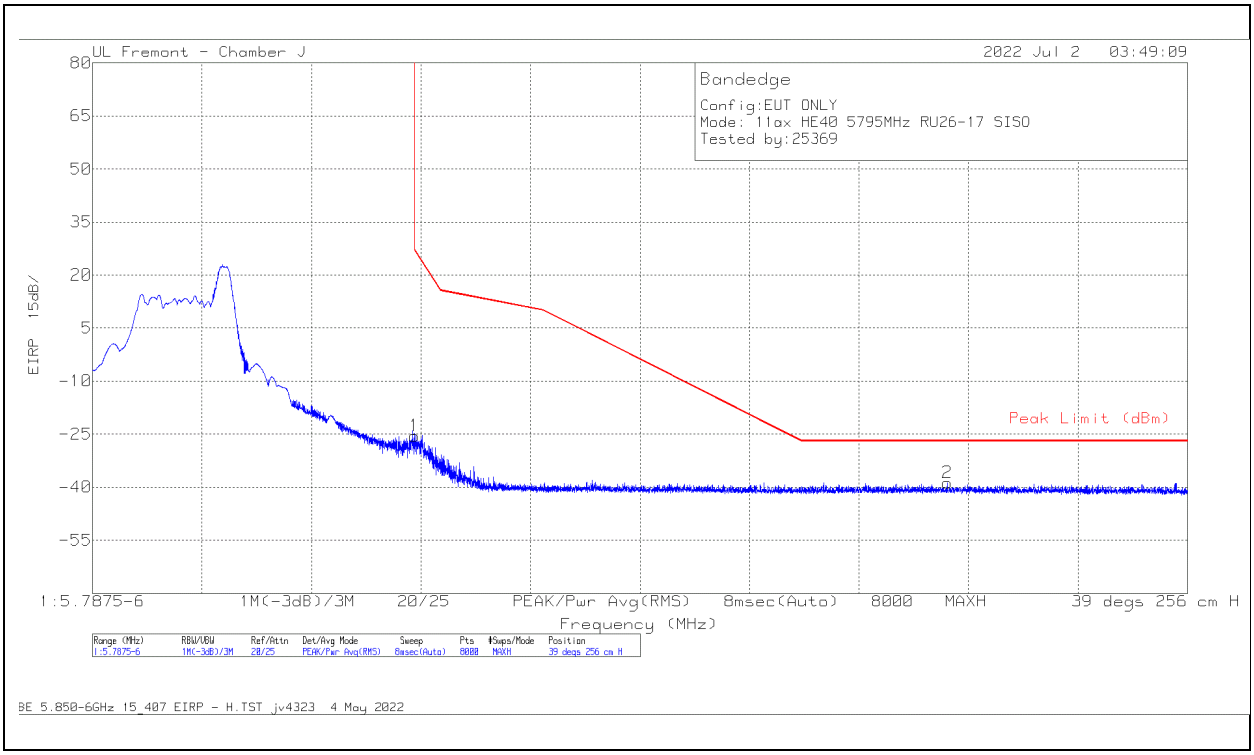
1TX Antenna 5 MODE: 26-Tones, RU Index 17

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	AF 206806 (dB/m)	Amp/Cbl/Flter/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-35.38	Pk	35.1	-37.1	11.8	-25.58	27	-52.58	39	256	H
2	5953.352	-48.72	Pk	35.1	-37	11.8	-38.82	-27	-11.82	39	256	H

Pk - Peak detector

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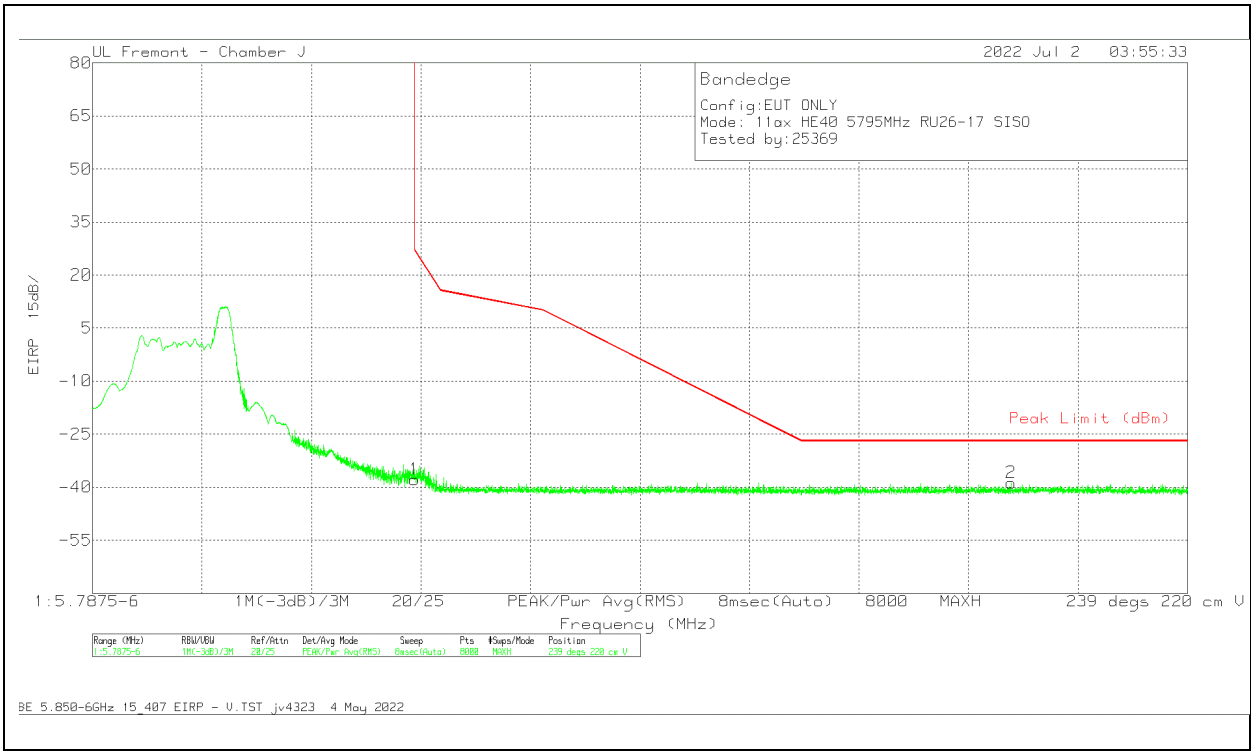
VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	AF 206806 (dB/m)	Amp/Cbl/Flter/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-47.58	Pk	35.1	-37.1	11.8	-37.78	27	-64.78	239	220	V
2	5965.731	-48.59	Pk	35.1	-37	11.8	-38.69	-27	-11.69	239	220	V

Pk - Peak detector

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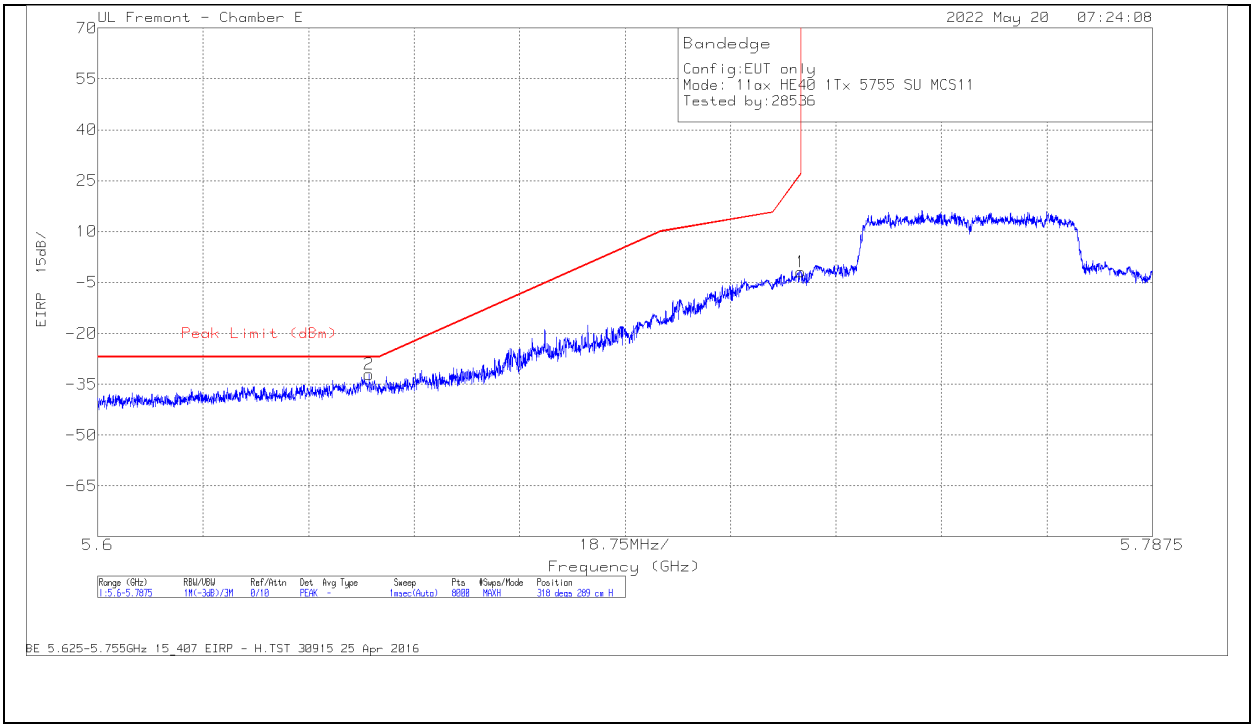
1TX Antenna 5 MODE: SU, Single User

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	200897 ACF (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.64824	-57.81	Pk	34.5	-20.6	11.8	0	-32.11	-27	-5.11	318	289	H
1	5.725	-28.07	Pk	34.7	-20.3	11.8	0	-1.87	27	-28.87	318	289	H

Pk - Peak detector

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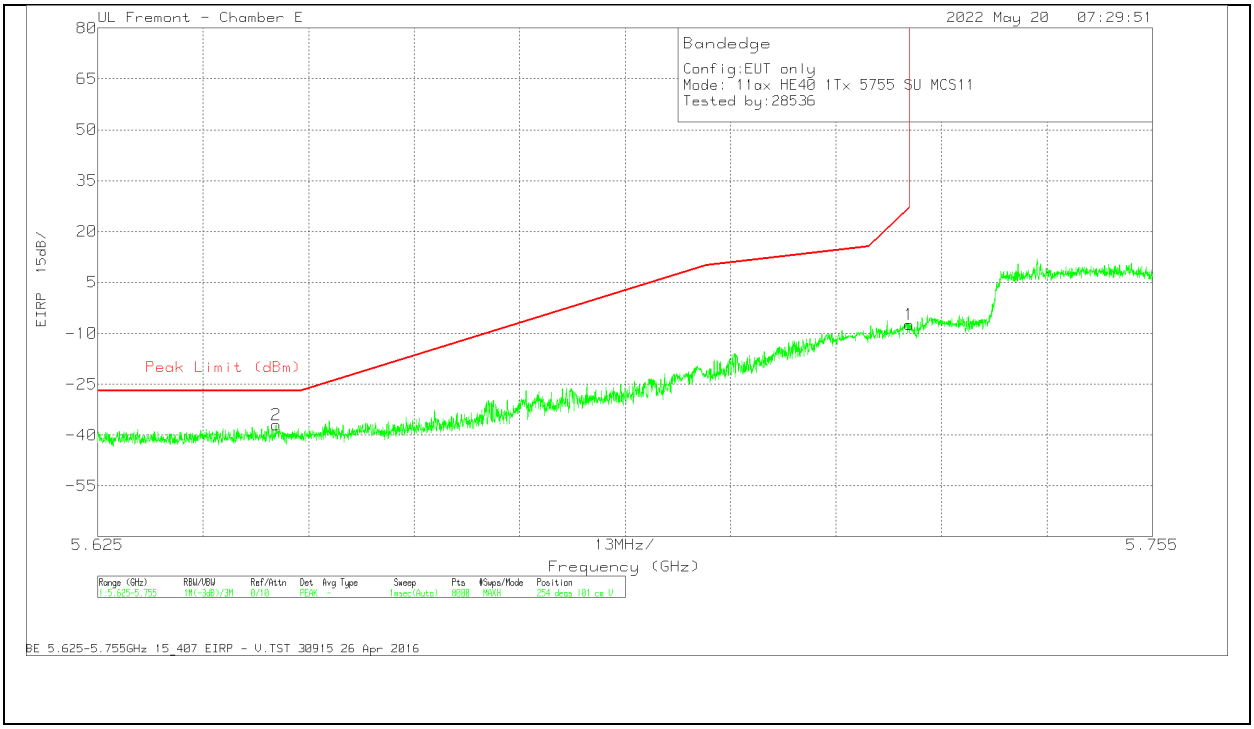
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	200897 ACF (dB/m)	Amp/Cbl /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.646973	-62.74	Pk	34.5	-20.6	11.8	-37.04	-27	-10.04	254	101	V
1	5.725	-33.56	Pk	34.7	-20.3	11.8	-7.36	27	-34.36	254	101	V

Pk - Peak detector

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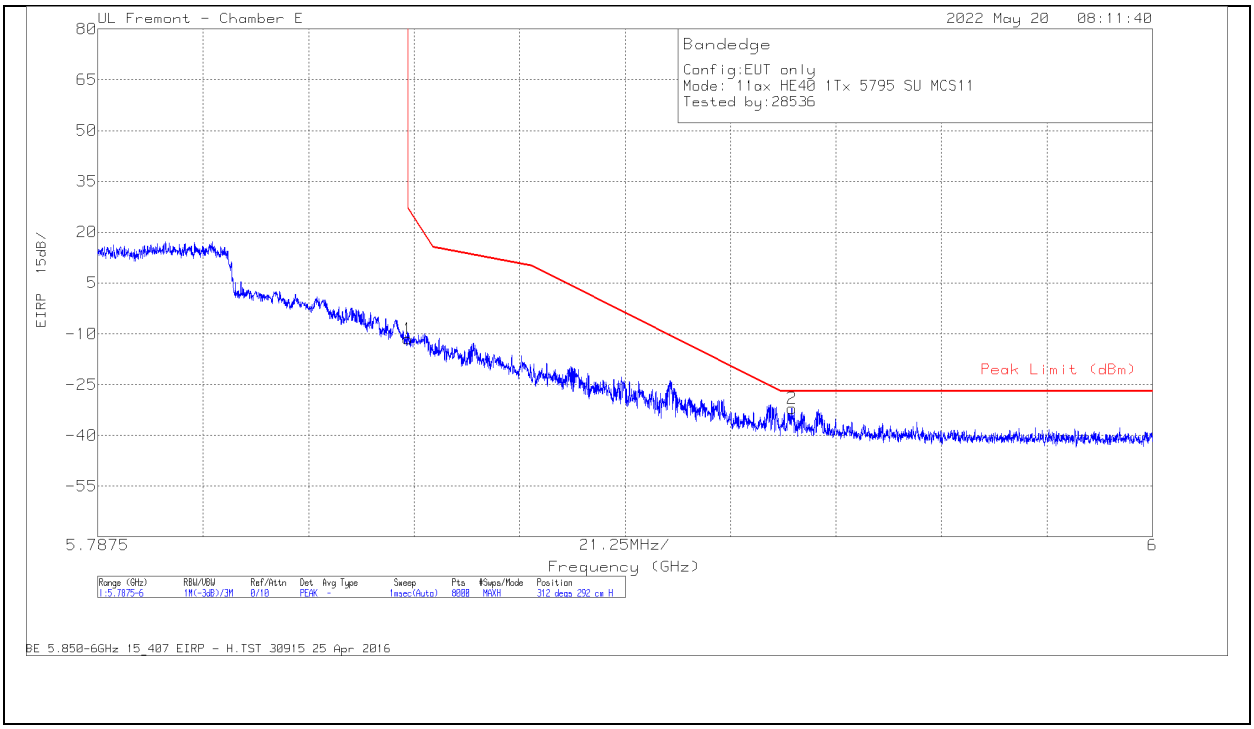
BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	200897 ACF (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-38.54	Pk	35	-19.7	11.8	0	-11.44	27	-38.44	312	292	H
2	5.927343	-58.91	Pk	35.1	-20	11.8	0	-32.01	-27	-5.01	312	292	H

Pk - Peak detector

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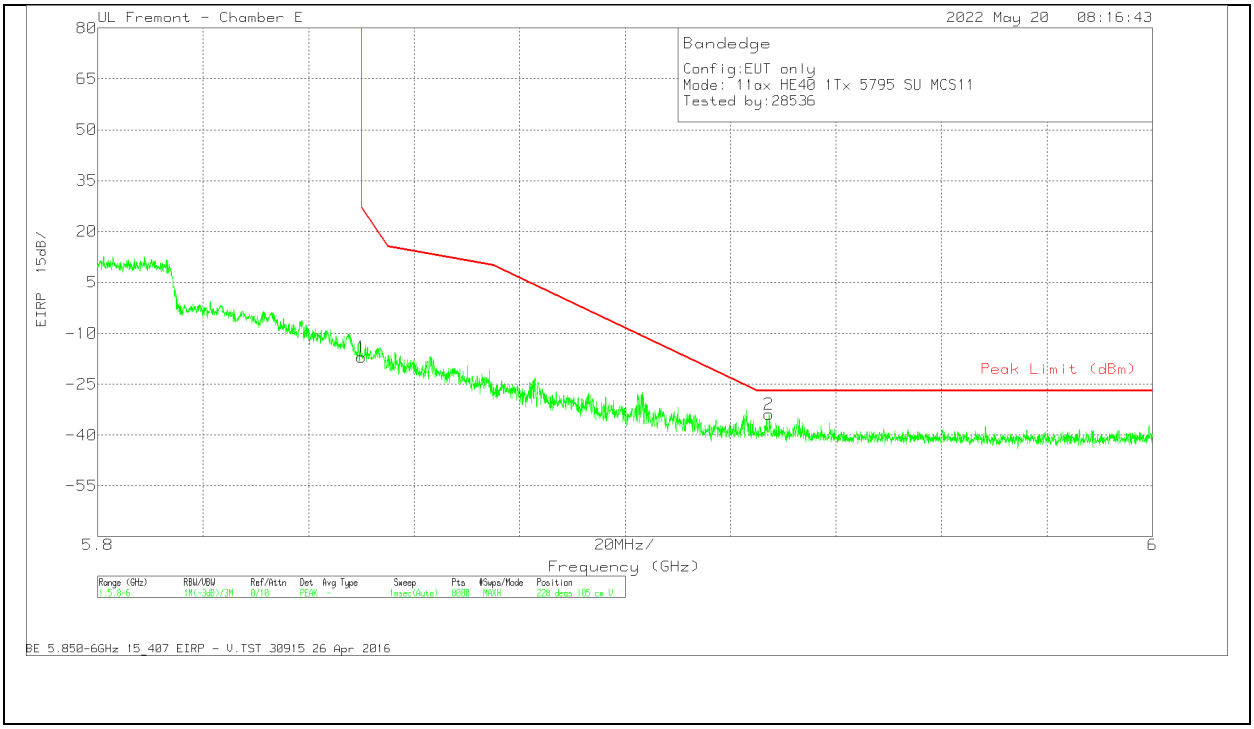
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	200897 ACF (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-44.12	Pk	35	-19.7	11.8	0	-17.02	27	-44.02	228	105	V
2	5.92729	-60.8	Pk	35.1	-20	11.8	0	-33.9	-27	-6.9	228	105	V

Pk - Peak detector

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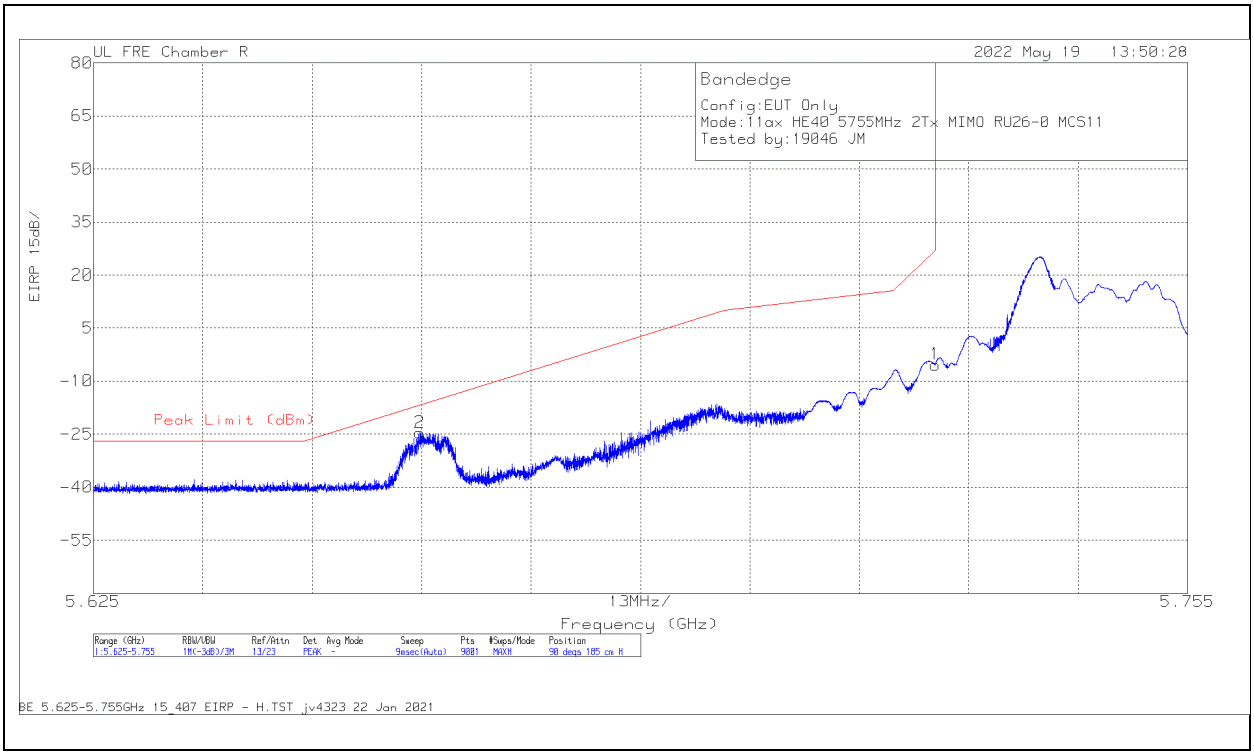
2TX Antenna 6 + Antenna 5 OFDMA MODE: 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	200785 ACF (dB)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.663782	-39.72	Pk	34.7	-31.4	11.8	0	-24.62	-16.8	-7.82	90	185	H
1	5.725	-20.93	Pk	34.8	-31	11.8	0	-5.33	27	-32.33	90	185	H

Pk - Peak detector

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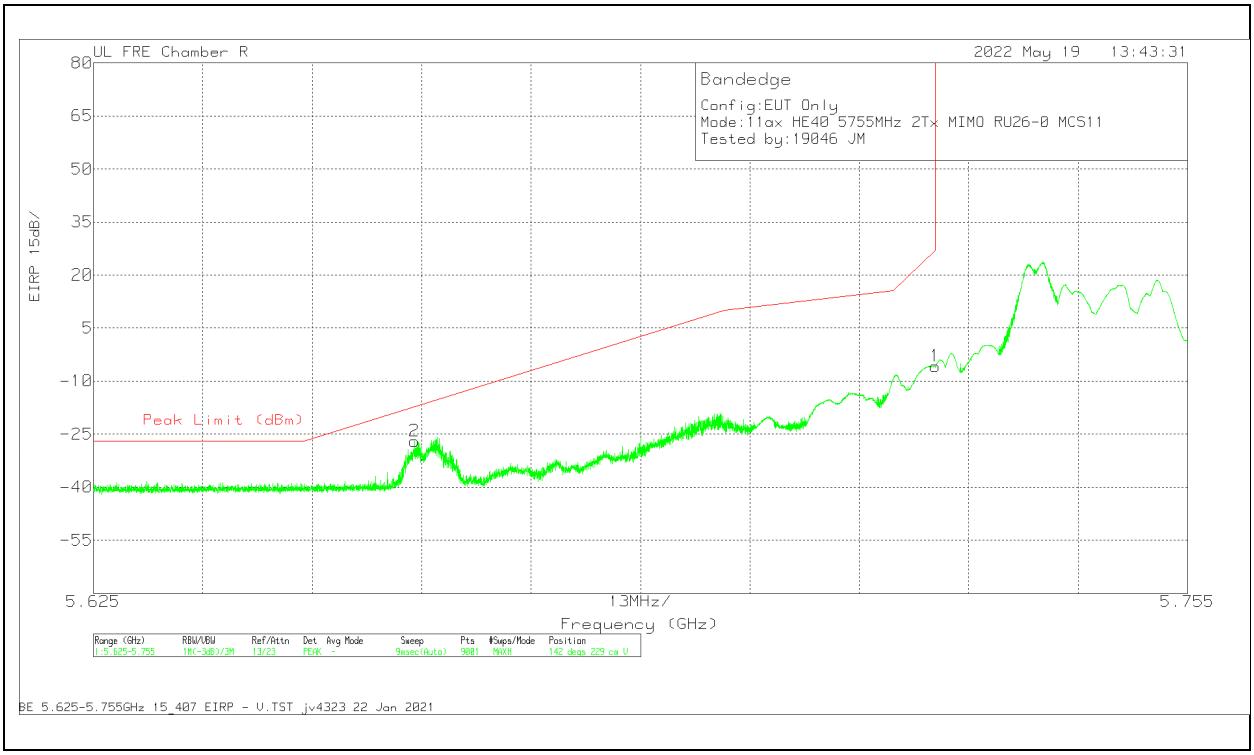
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	200785 ACF (dB)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.663161	-42.07	Pk	34.7	-31.4	11.8	0	-26.97	-17.26	-9.71	142	229	V
1	5.725	-21.32	Pk	34.8	-31	11.8	0	-5.72	27	-32.72	142	229	V

Pk - Peak detector

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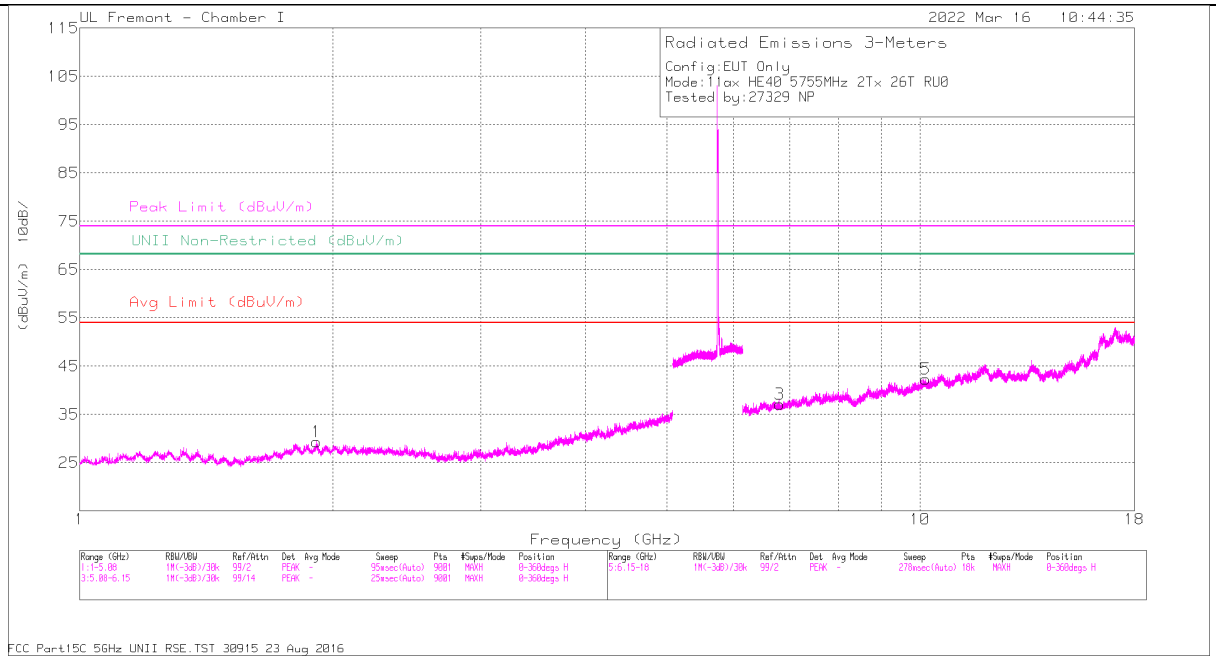
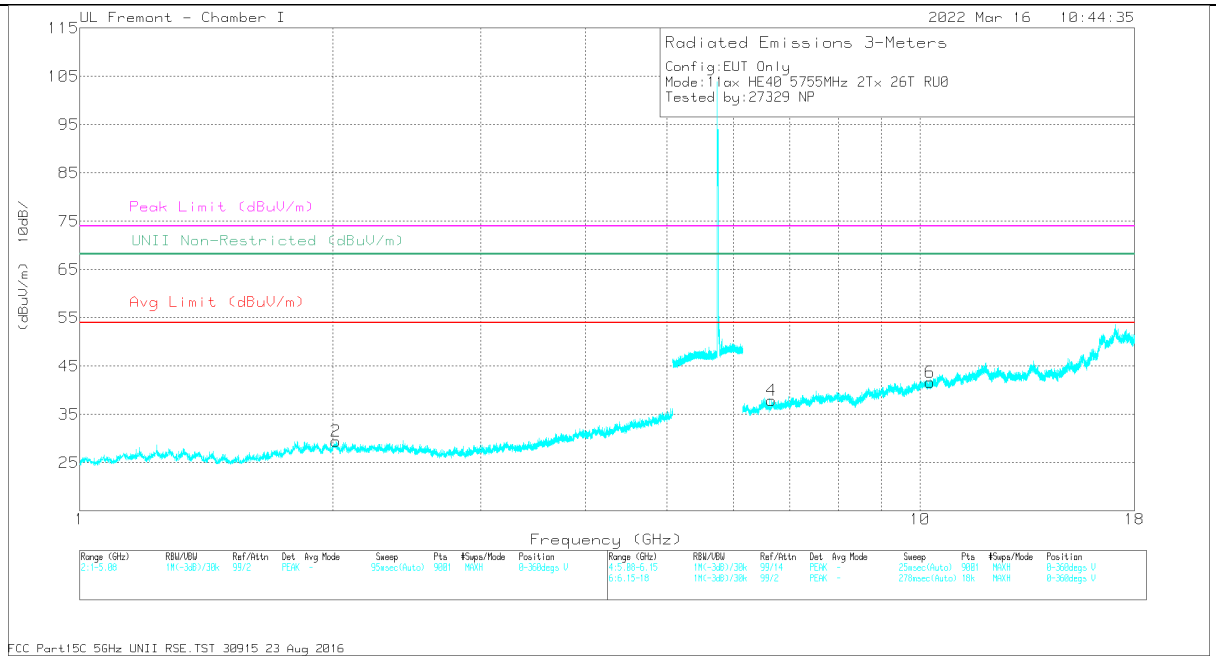
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 206805 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	Corrected Reading (dBuV/m)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.9112	38.05	PK-U	31.2	-30.7	38.55	68.2	-29.65	141	144	H
2	2.0173	37.27	PK-U	31.2	-30.1	38.37	68.2	-29.83	292	220	V
3	6.8064	32.62	PK-U	35.4	-20.9	47.12	68.2	-21.08	222	308	H
5	10.1573	31.24	PK-U	36.9	-16.4	51.74	68.2	-16.46	87	109	H
4	6.6554	32.13	PK-U	35.4	-20.5	47.03	68.2	-21.17	87	214	V
6	10.2740	31.63	PK-U	36.9	-16.8	51.73	68.2	-16.47	223	338	V

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

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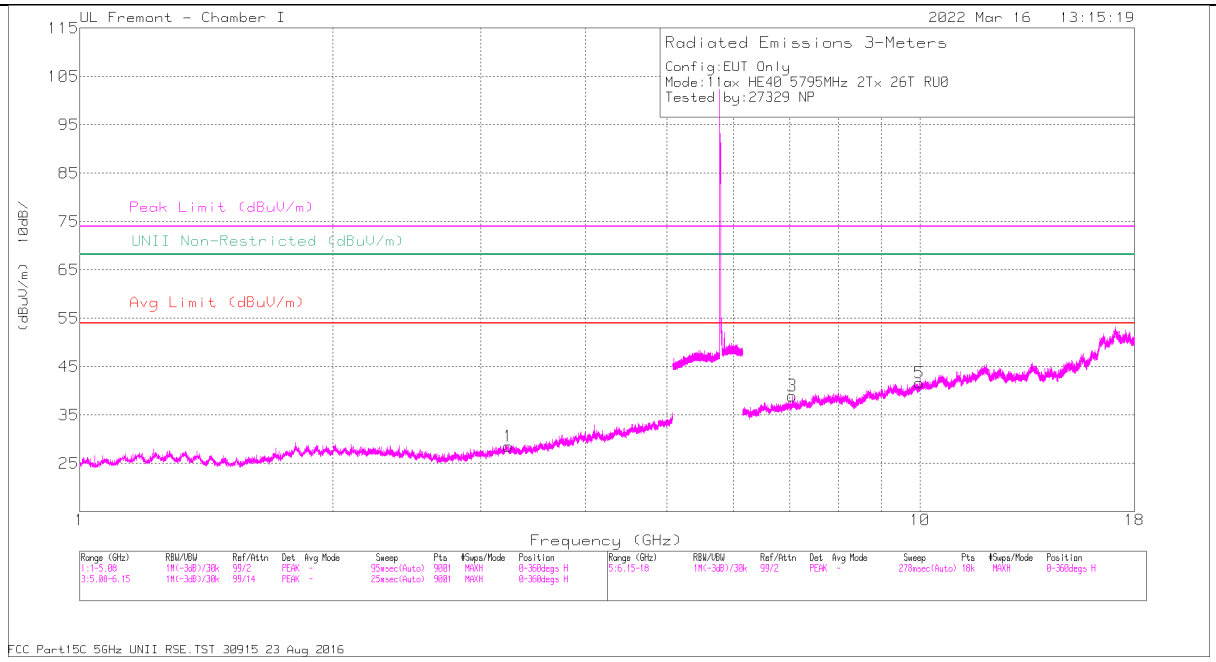
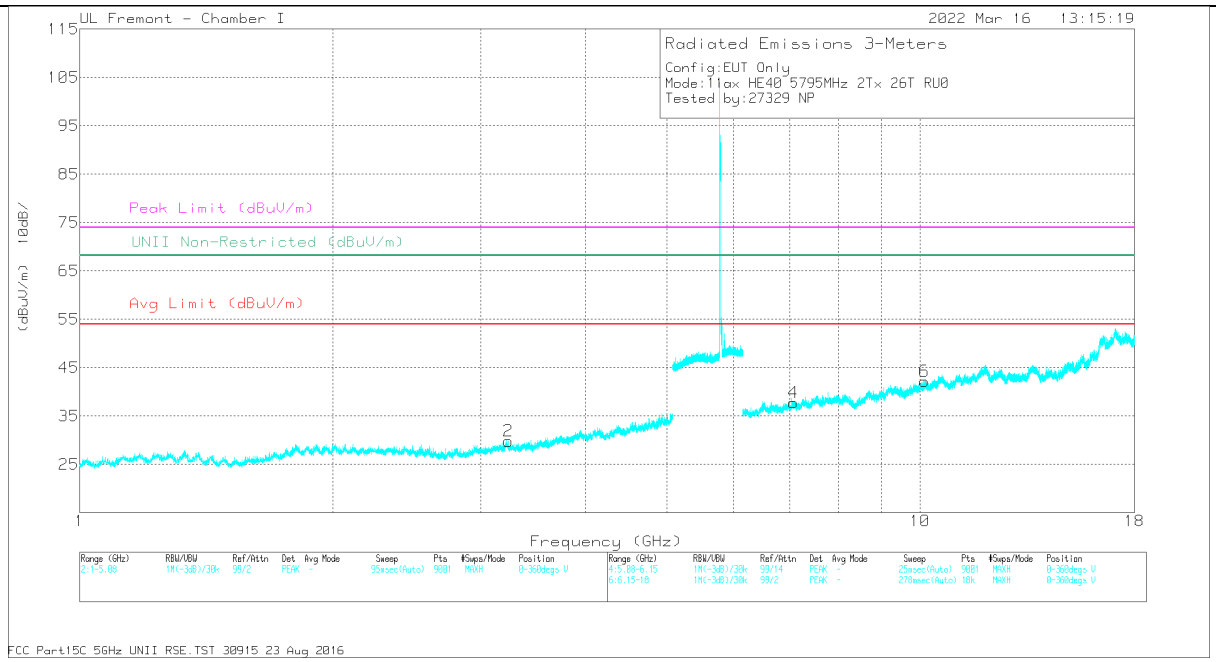
HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 206805 (dB/m)	Amp/Cbl /Fltr/Pad (dB)	Corrected Reading (dBuV/m)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.2357	33.96	PK-U	32.7	-28	38.66	68.2	-29.54	27	308	H
2	3.2385	31.8	PK-U	32.7	-28.1	36.4	68.2	-31.8	259	204	V
3	7.0532	32.02	PK-U	35.5	-19.7	47.82	68.2	-20.38	48	195	H
5	9.9887	30.77	PK-U	36.8	-17.1	50.47	68.2	-17.73	94	269	H
4	7.0710	31.79	PK-U	35.5	-20	47.29	68.2	-20.91	175	249	V
6	10.1276	30.77	PK-U	36.8	-16.5	51.07	68.2	-17.13	138	127	V

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

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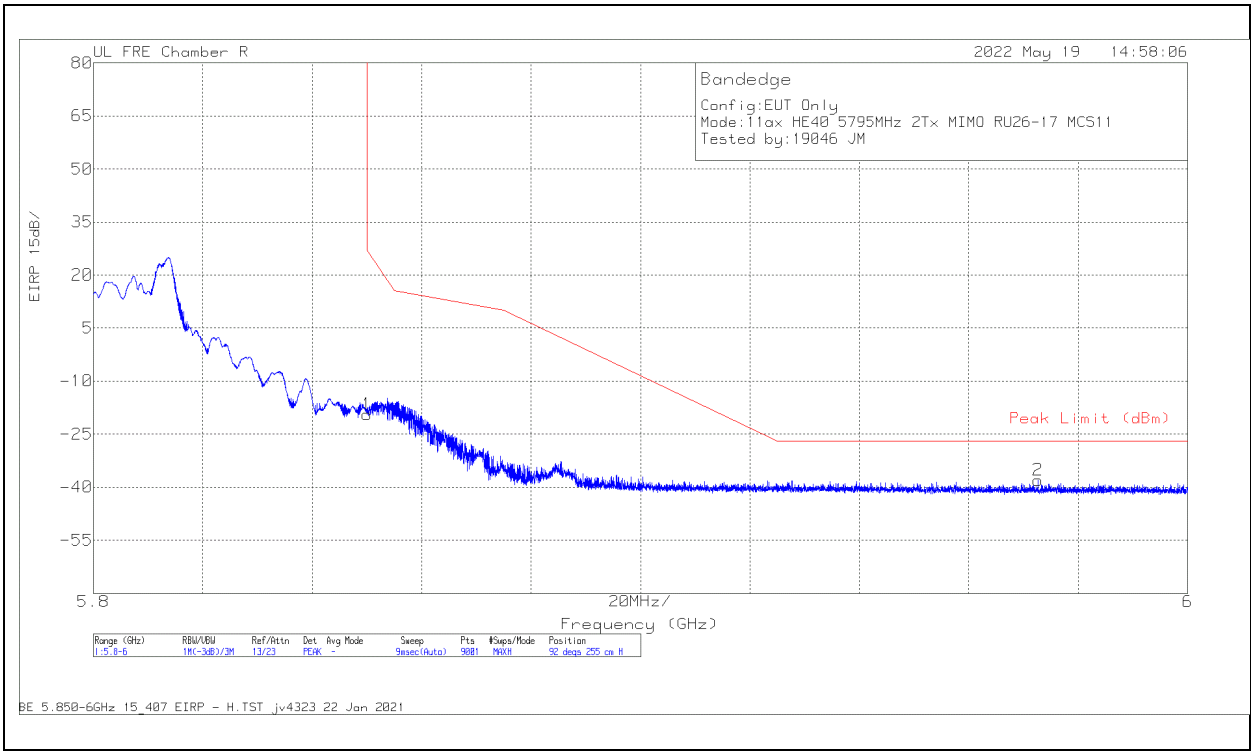
2TX Antenna 6 + Antenna 5 OFDMA MODE: 26-Tones, RU Index 17

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	200785 ACF (dB)	Amp/Cbl /Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-35.38	Pk	35	-30.9	11.8	-19.48	27	-46.48	92	255	H
2	5.972643	-54.05	Pk	35.2	-30.9	11.8	-37.95	-27	-10.95	92	255	H

Pk - Peak detector

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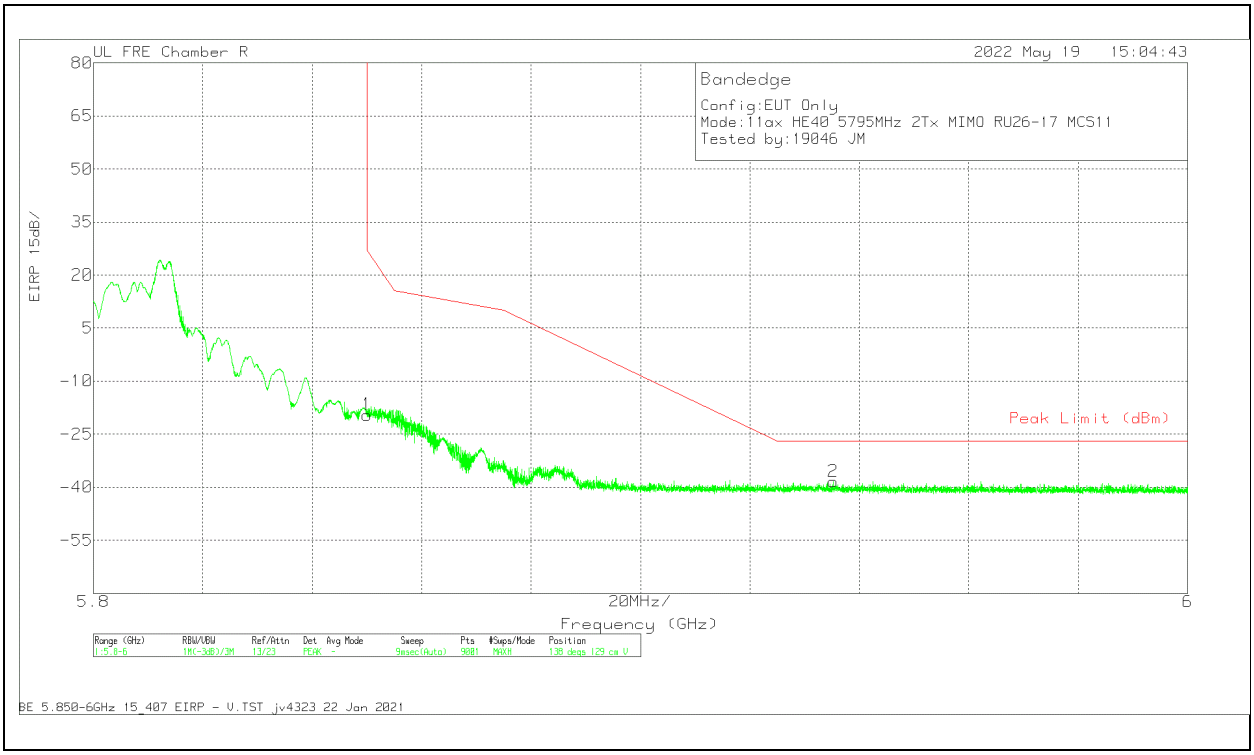
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	200785 ACF (dB)	Amp/Cbl /Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-35.43	Pk	35	-30.9	11.8	-19.53	27	-46.53	138	129	V
2	5.935243	-54.59	Pk	35.3	-30.9	11.8	-38.39	-27	-11.39	138	129	V

Pk - Peak detector

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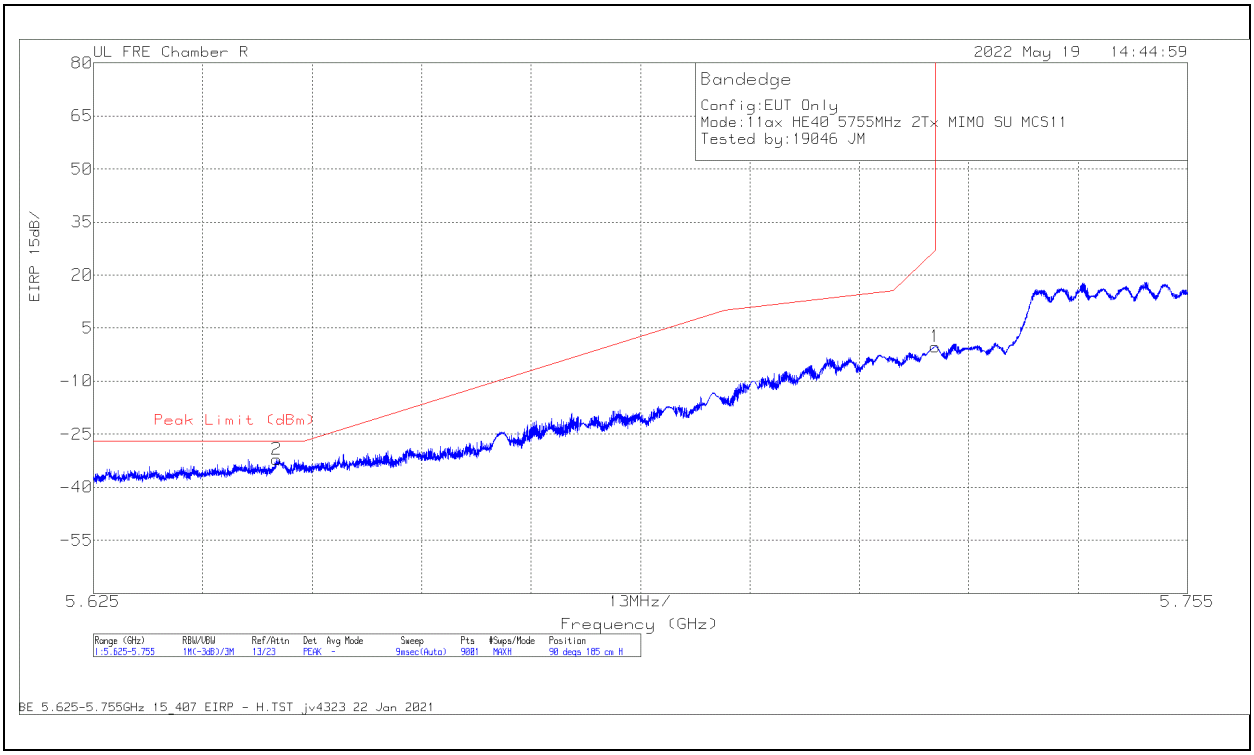
2TX Antenna 6 + Antenna 5 OFDMA MODE: SU, Single User

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	200785 ACF (dB)	Amp/Cbl /Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.64681	-47.17	Pk	34.7	-31.4	11.8	-32.07	-27	-5.07	90	185	H
1	5.725	-15.89	Pk	34.8	-31	11.8	-.29	27	-27.29	90	185	H

Pk - Peak detector

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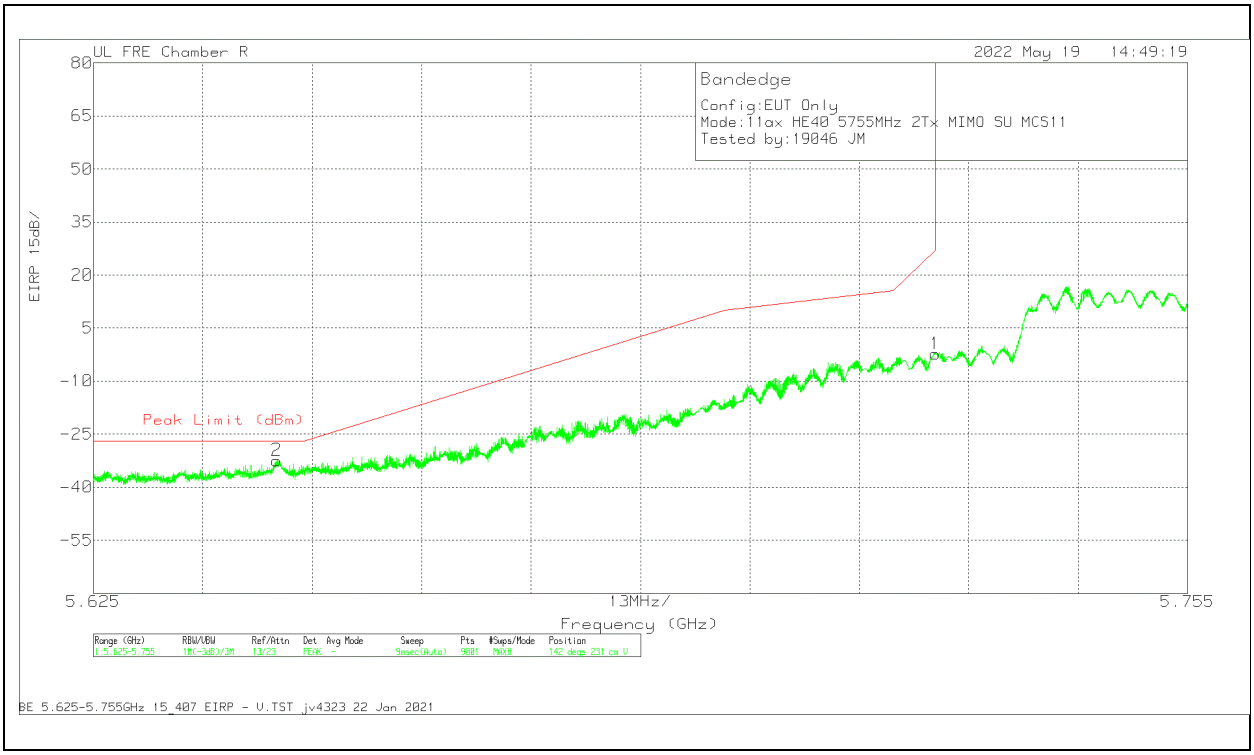
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	200785 ACF (dB)	Amp/Cbl /Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.646753	-47.52	Pk	34.7	-31.4	11.8	-32.42	-27	-5.42	142	231	V
1	5.725	-17.97	Pk	34.8	-31	11.8	-2.37	27	-29.37	142	231	V

Pk - Peak detector

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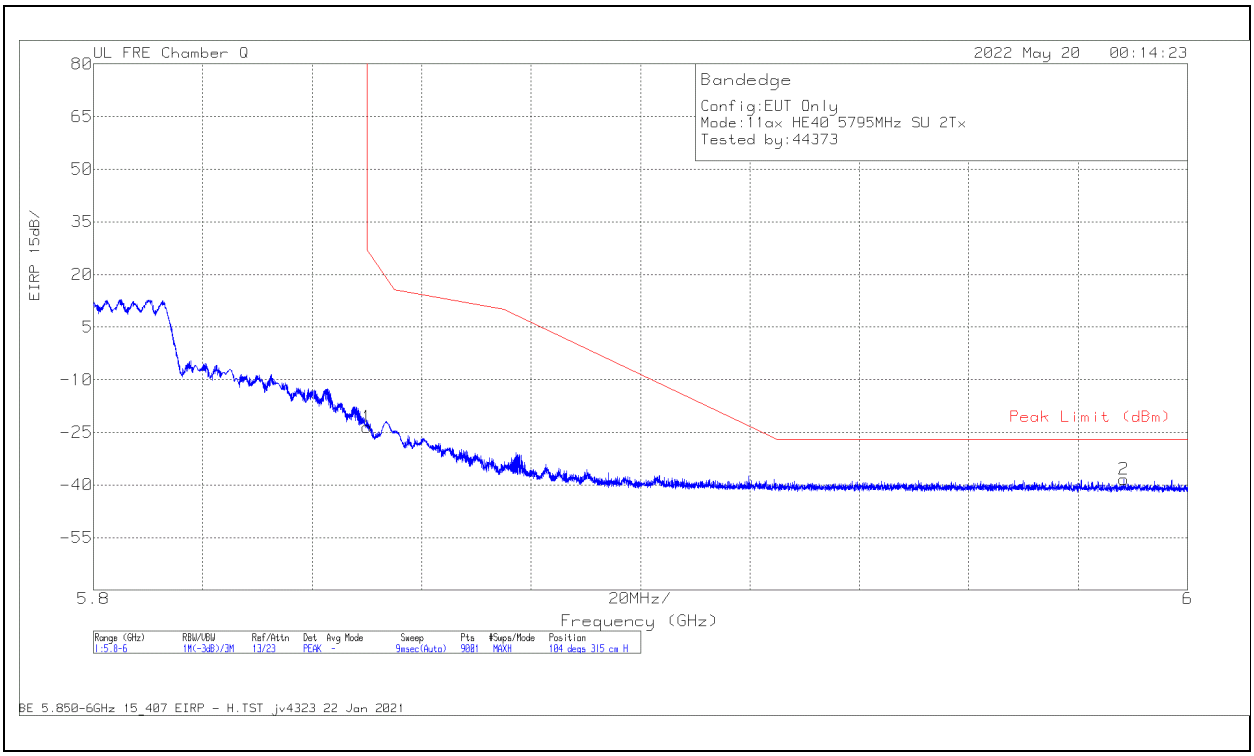
BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 200895 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-40.65	Pk	34.9	-29.5	11.8	0	-23.45	27	-50.45	104	315	H
2	5.988331	-56.09	Pk	35.2	-29.2	11.8	0	-38.29	-27	-11.29	104	315	H

Pk - Peak detector

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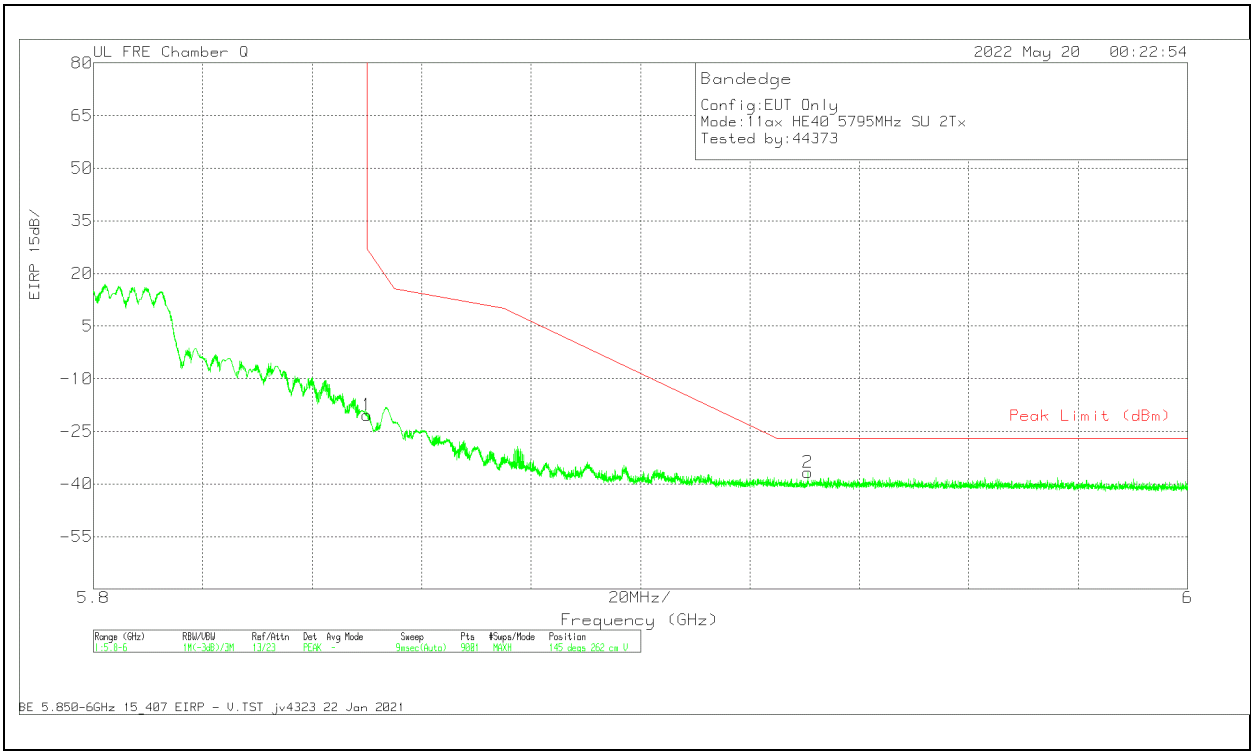
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 200895 (dB/m)	Amp/Cbl /Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-37.55	Pk	34.9	-29.5	11.8	-20.35	27	-47.35	145	262	V
2	5.930576	-54.17	Pk	35.1	-29.4	11.8	-36.67	-27	-9.67	145	262	V

Pk - Peak detector

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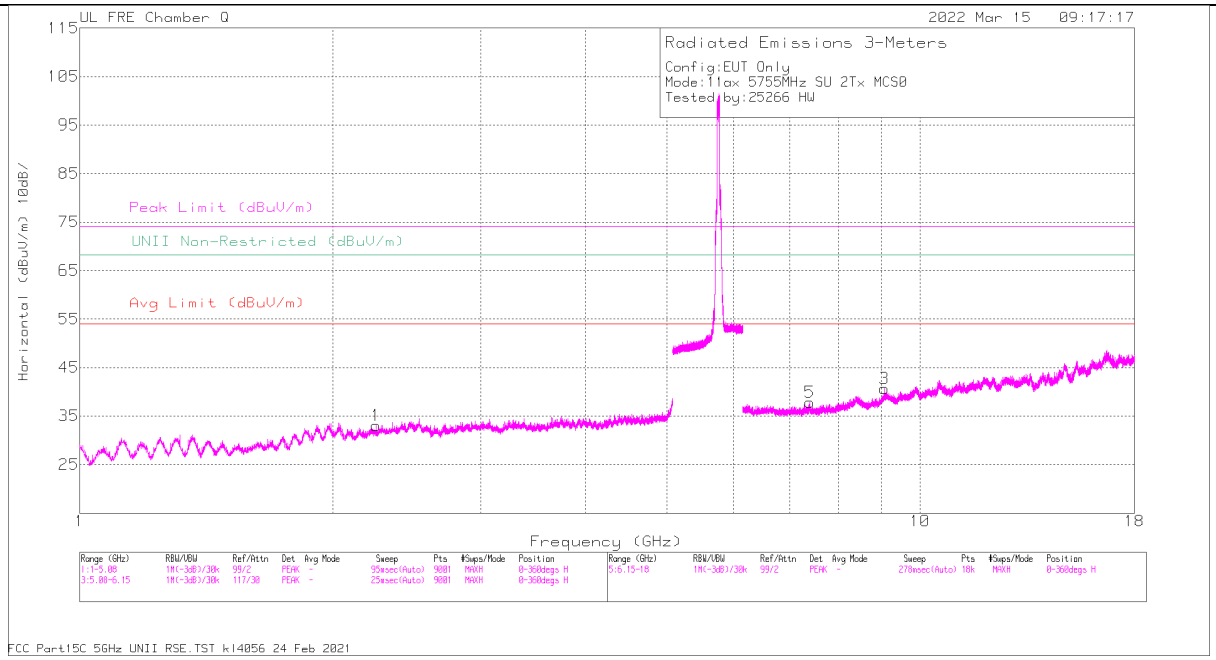
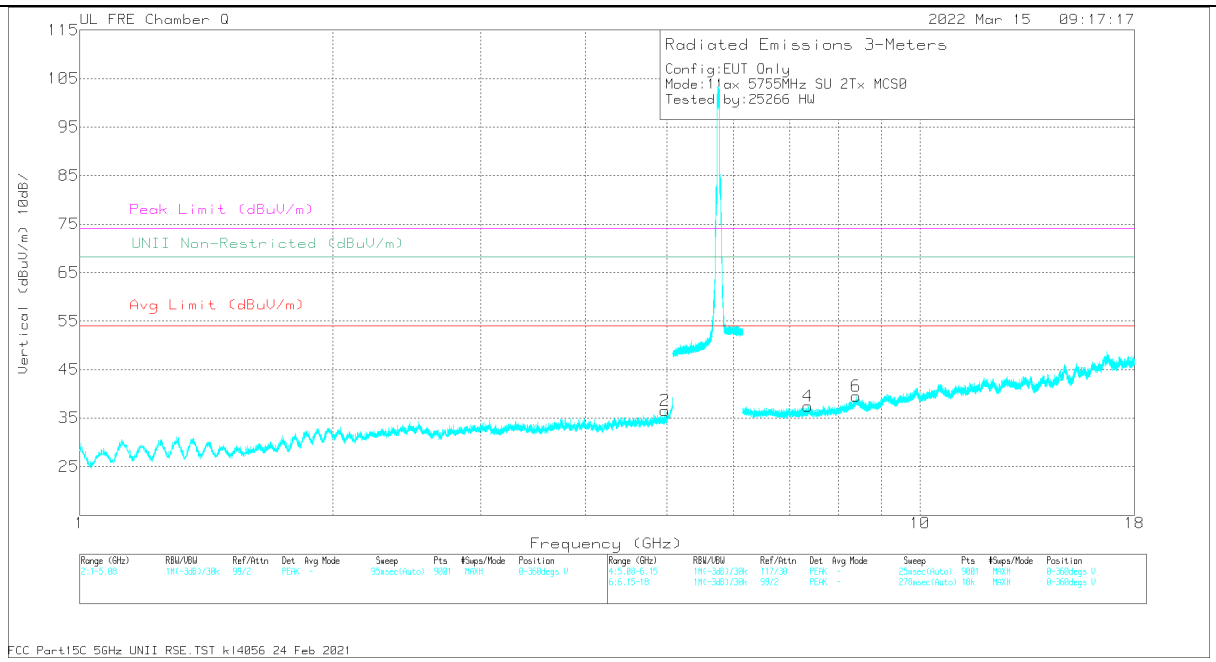
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

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
2.2515	54.47	PK-U	31.6	-44.2	0	41.87	-	-	74	-32.13	241	200	H
2.2532	42.88	ADR	31.6	-44.2	.15	30.43	54	-23.58	-	-	241	200	H
4.9709	51.08	PK-U	34	-40.1	0	44.98	-	-	74	-29.02	321	228	V
4.9724	39.63	ADR	34	-40.1	.15	33.68	54	-20.32	-	-	321	228	V
7.3590	36.9	ADR	35.7	-37.7	.15	35.05	54	-18.95	-	-	21	140	V
7.3592	48.42	PK-U	35.7	-37.7	0	46.42	-	-	74	-27.58	21	140	V
7.3905	48.75	PK-U	35.7	-37.4	0	47.05	-	-	74	-26.95	106	157	H
7.3928	36.9	ADR	35.7	-37.4	.15	35.35	54	-18.65	-	-	106	157	H
8.3999	49.06	PK-U	35.9	-35.9	0	49.06	-	-	74	-24.94	102	100	V
8.4021	37.46	ADR	35.9	-36	.15	37.51	54	-16.49	-	-	102	100	V
9.0762	36.88	ADR	36.3	-35.4	.15	37.93	54	-16.07	-	-	8	145	H
9.0777	48.46	PK-U	36.3	-35.4	0	49.36	-	-	74	-24.64	8	145	H

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

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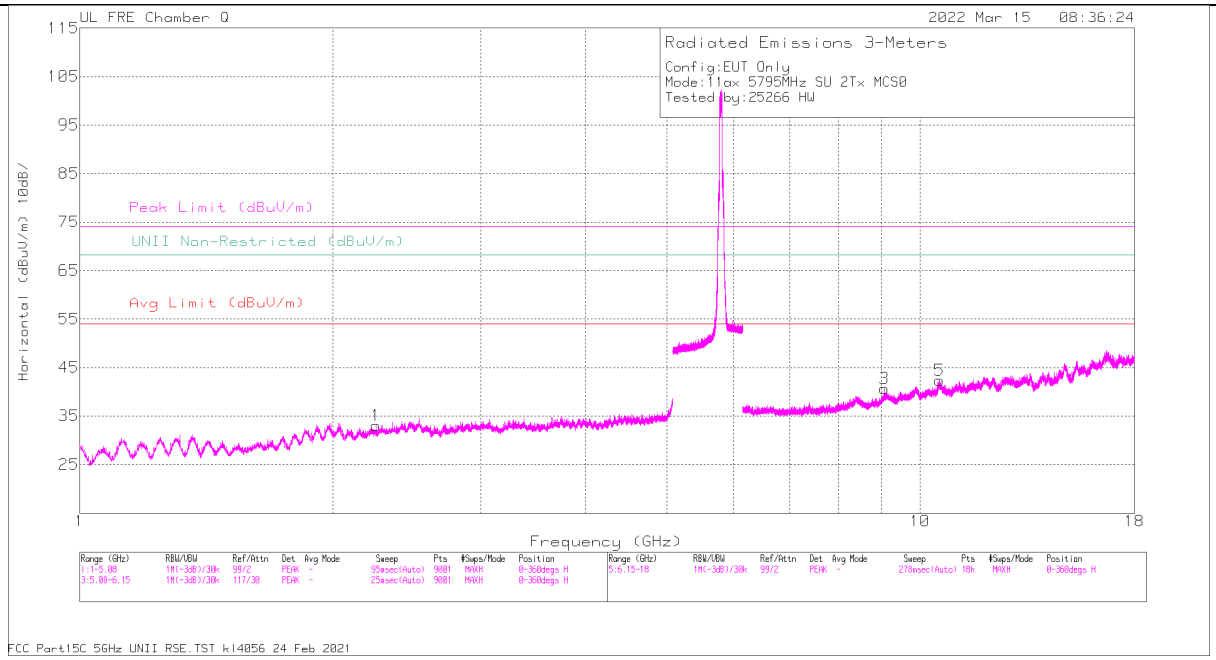
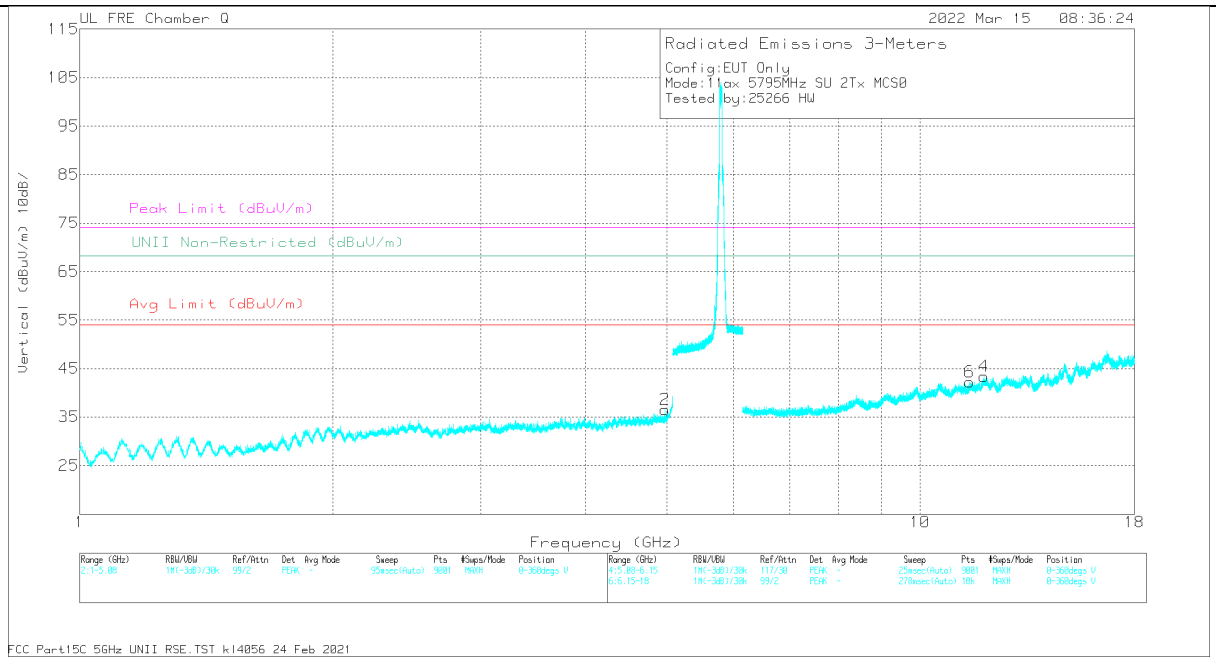
HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

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
2.2535	43	ADR	31.6	-44.2	.15	30.55	54	-23.45	-	-	-	-	162	165	H
2.2539	54.54	PK-U	31.6	-44.2	0	41.94	-	-	74	-32.06	-	-	162	165	H
4.9692	51.59	PK-U	34	-40.1	0	45.49	-	-	74	-28.51	-	-	3	162	V
4.9714	39.77	ADR	34	-40.1	.15	33.82	54	-20.18	-	-	-	-	3	162	V
9.0776	36.94	ADR	36.3	-35.4	.15	37.99	54	-16.01	-	-	-	-	129	109	H
9.0777	49.3	PK-U	36.3	-35.4	0	50.2	-	-	74	-23.8	-	-	129	109	H
10.5506	47.63	PK-U	37.6	-33.8	0	51.43	-	-	-	-	68.2	-16.77	206	248	H
11.4631	35.2	ADR	38.2	-33.7	.15	39.85	54	-14.15	-	-	-	-	74	117	V
11.4655	46.54	PK-U	38.2	-33.7	0	51.04	-	-	74	-22.96	-	-	74	117	V
11.9146	48.67	PK-U	38.8	-34.7	0	52.77	-	-	74	-21.23	-	-	195	210	V
11.9158	36.53	ADR	38.8	-34.7	.15	40.78	54	-13.22	-	-	-	-	195	210	V

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

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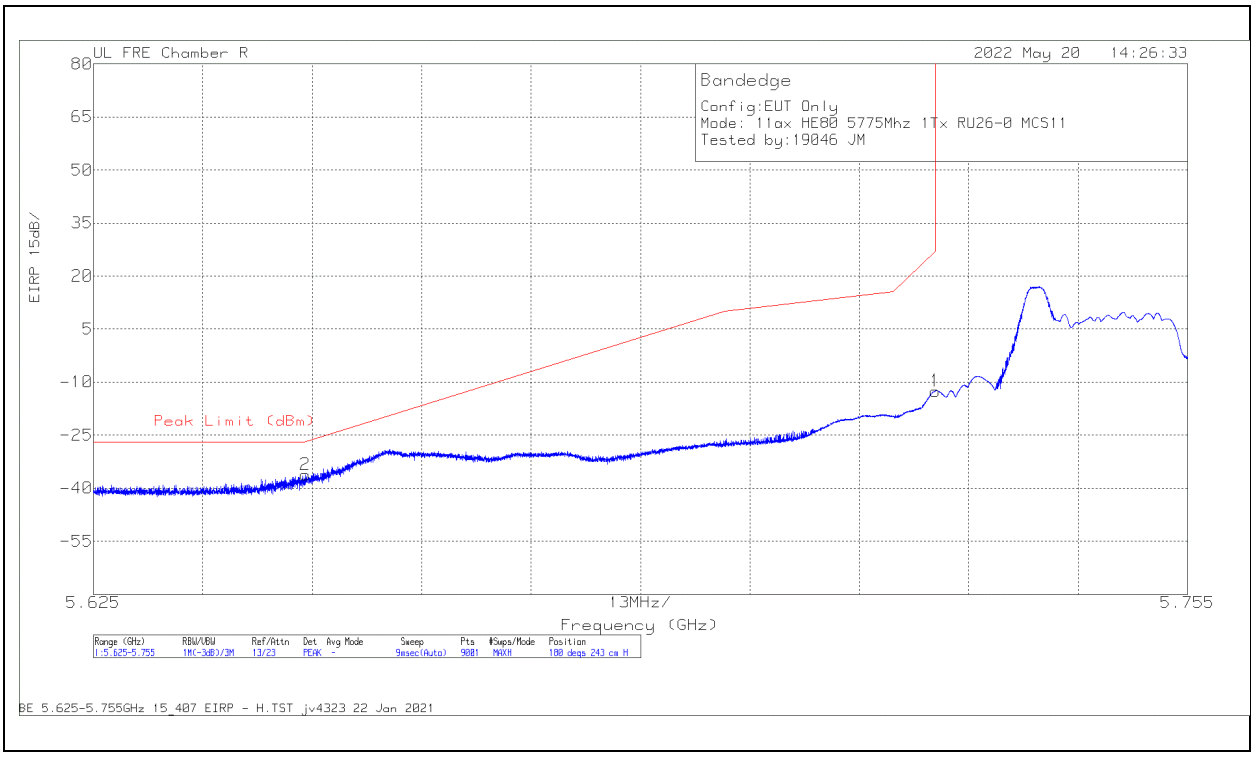
1.1.24. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.8GHz BAND

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

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	200785 ACF (dB)	Amp/Cbl/Fltr/ Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.650176	-51.3	Pk	34.7	-31.4	11.8	-36.2	-26.87	-9.33	180	243	H
1	5.725	-28.13	Pk	34.8	-31	11.8	-12.53	27	-39.53	180	243	H

Pk - Peak detector

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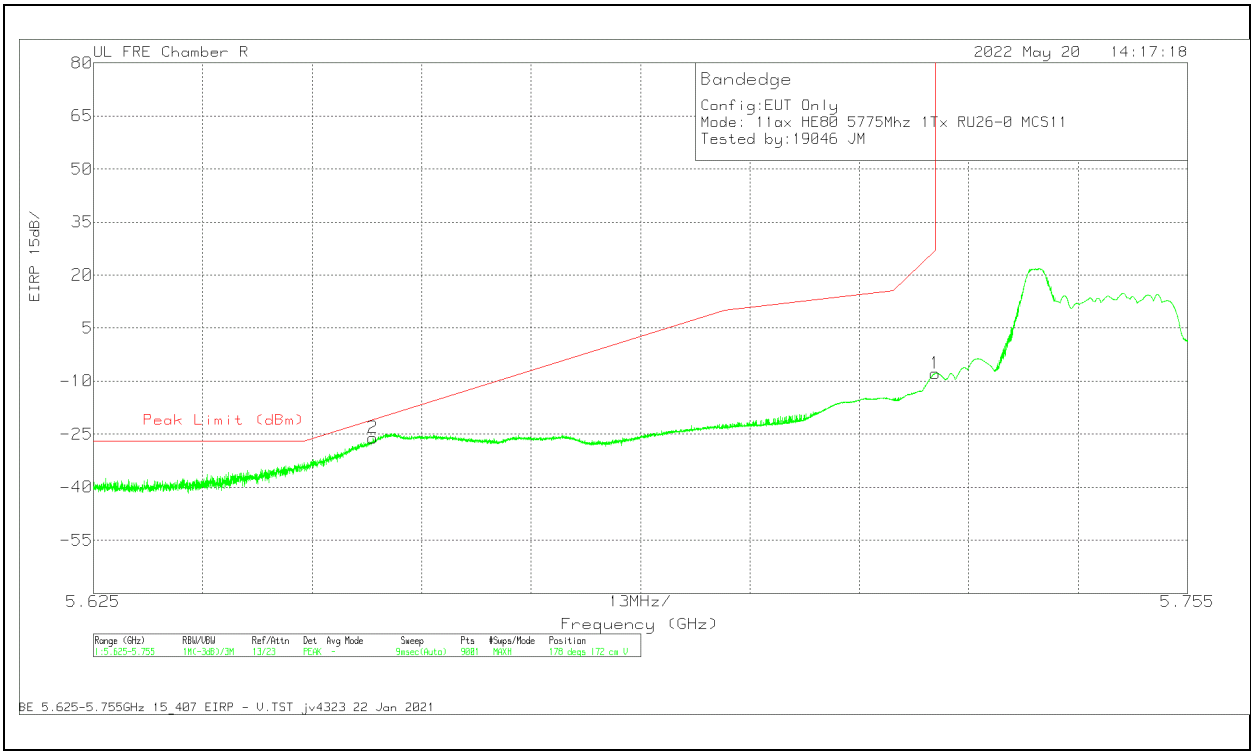
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	200785 ACF (dB)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.658192	-41.15	Pk	34.7	-31.4	11.8	0	-26.05	-20.94	-5.11	178	172	V
1	5.725	-23.49	Pk	34.8	-31	11.8	0	-7.89	27	-34.89	178	172	V

Pk - Peak detector

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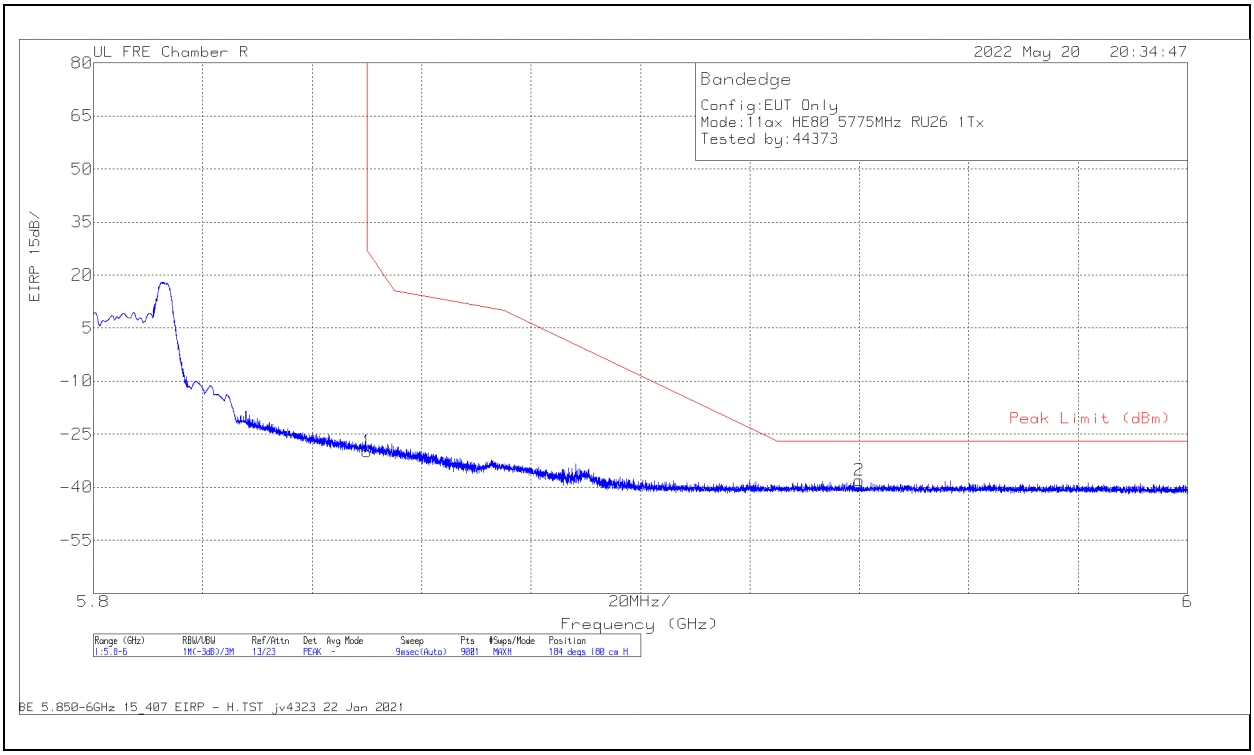
1TX Antenna 6 MODE: 26-Tones, RU Index 36

BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	200785 ACF (dB)	Amp/Cbl /Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-45.79	Pk	35	-30.9	11.8	-29.89	27	-56.89	184	180	H
2	5.939999	-54.26	Pk	35.3	-30.9	11.8	-38.06	-27	-11.06	184	180	H

Pk - Peak detector

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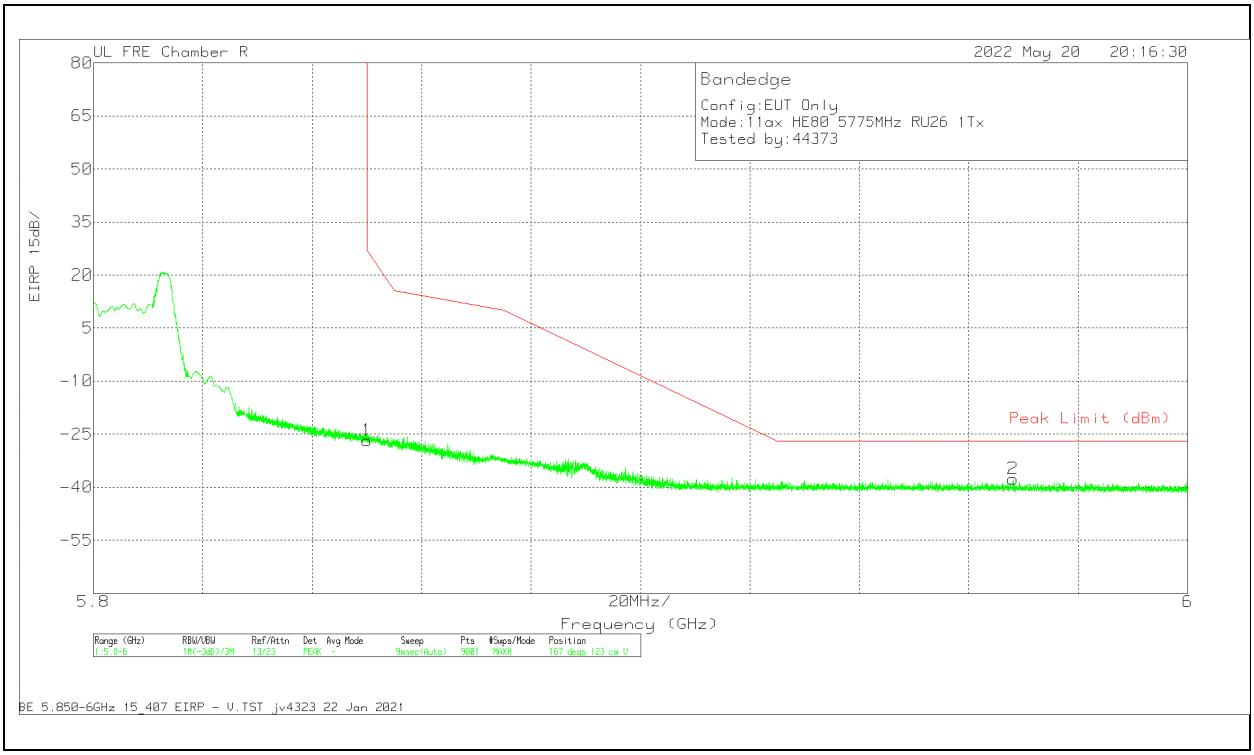
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	200785 ACF (dB)	Amp/Cbl /Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-42.64	Pk	35	-30.9	11.8	-26.74	27	-53.74	167	123	V
2	5.968087	-53.82	Pk	35.3	-30.9	11.8	-37.62	-27	-10.62	167	123	V

Pk - Peak detector

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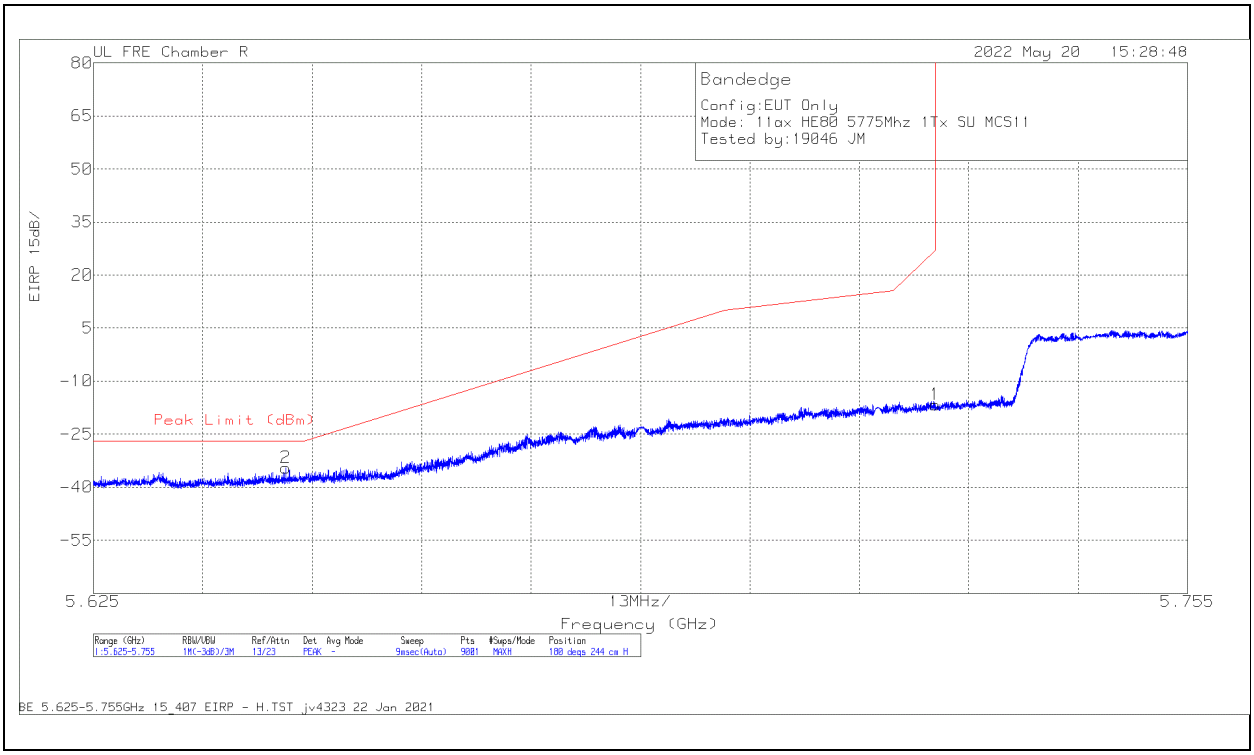
1TX Antenna 6 MODE: SU, Single User

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	200785 ACF (dB)	Amp/Cbl /Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.64785	-49.69	Pk	34.7	-31.4	11.8	-34.59	-27	-7.59	180	244	H
1	5.725	-32.31	Pk	34.8	-31	11.8	-16.71	27	-43.71	180	244	H

Pk detector

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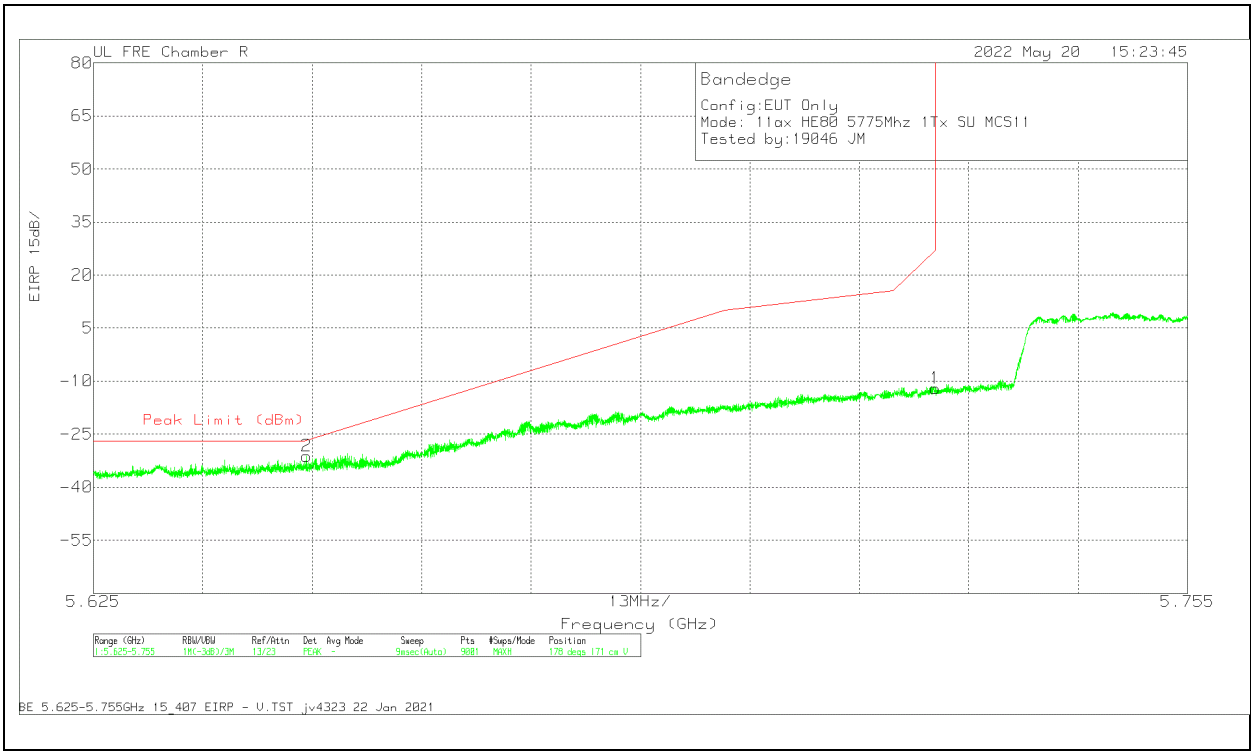
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	200785 ACF (dB)	Amp/Cbl /Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.650335	-46.35	Pk	34.7	-31.4	11.8	-31.25	-26.75	-4.5	178	171	V
1	5.725	-27.73	Pk	34.8	-31	11.8	-12.13	27	-39.13	178	171	V

Pk - Peak detector

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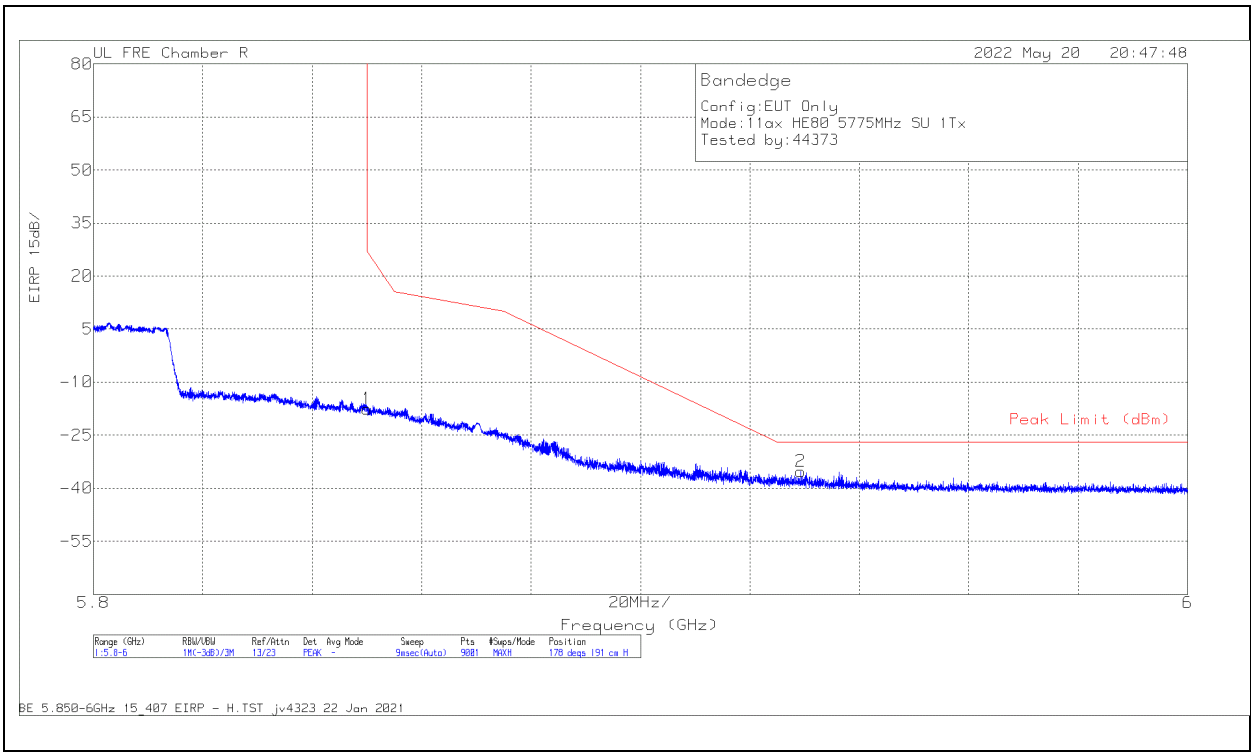
BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	200785 ACF (dB)	Amp/Cbl /Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-33.49	Pk	35	-30.9	11.8	-17.59	27	-44.59	178	191	H
2	5.929332	-51.52	Pk	35.3	-30.9	11.8	-35.32	-27	-8.32	178	191	H

Pk - Peak detector

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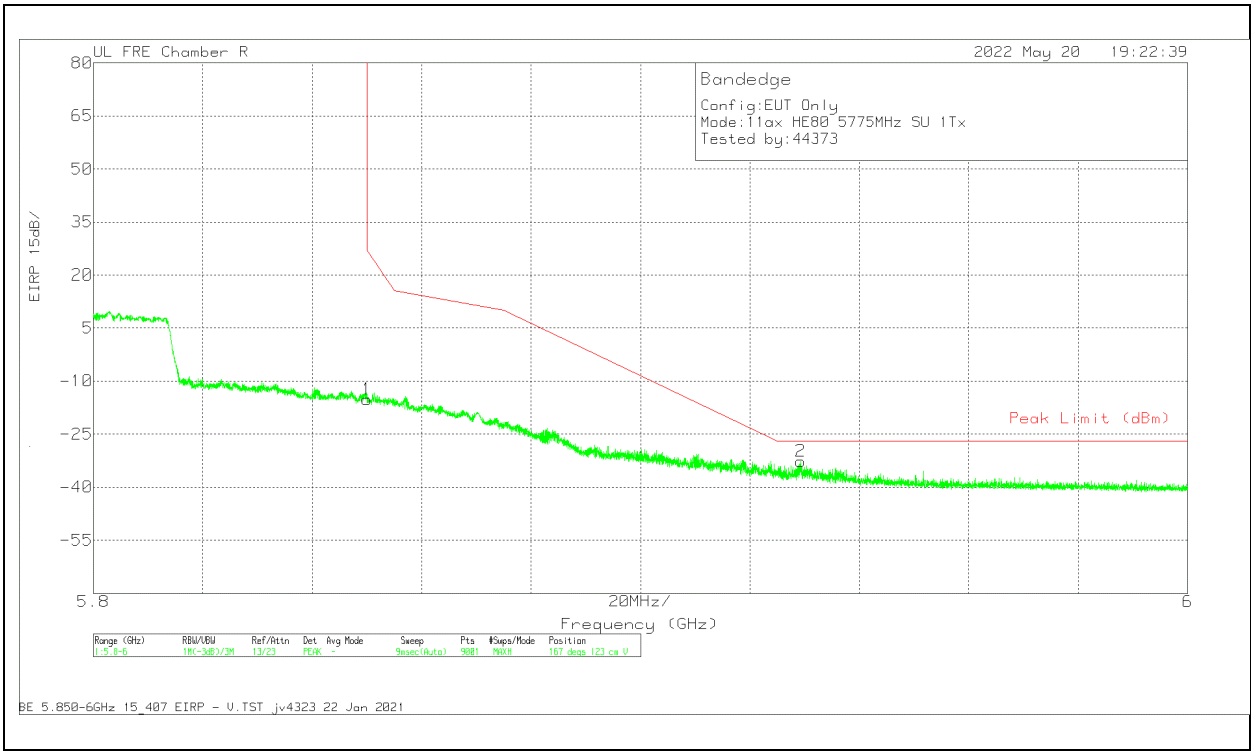
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	200785 ACF (dB)	Amp/Cbl /Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-31.03	Pk	35	-30.9	11.8	-15.13	27	-42.13	167	123	V
2	5.929288	-48.92	Pk	35.3	-30.9	11.8	-32.72	-27	-5.72	167	123	V

Pk - Peak detector

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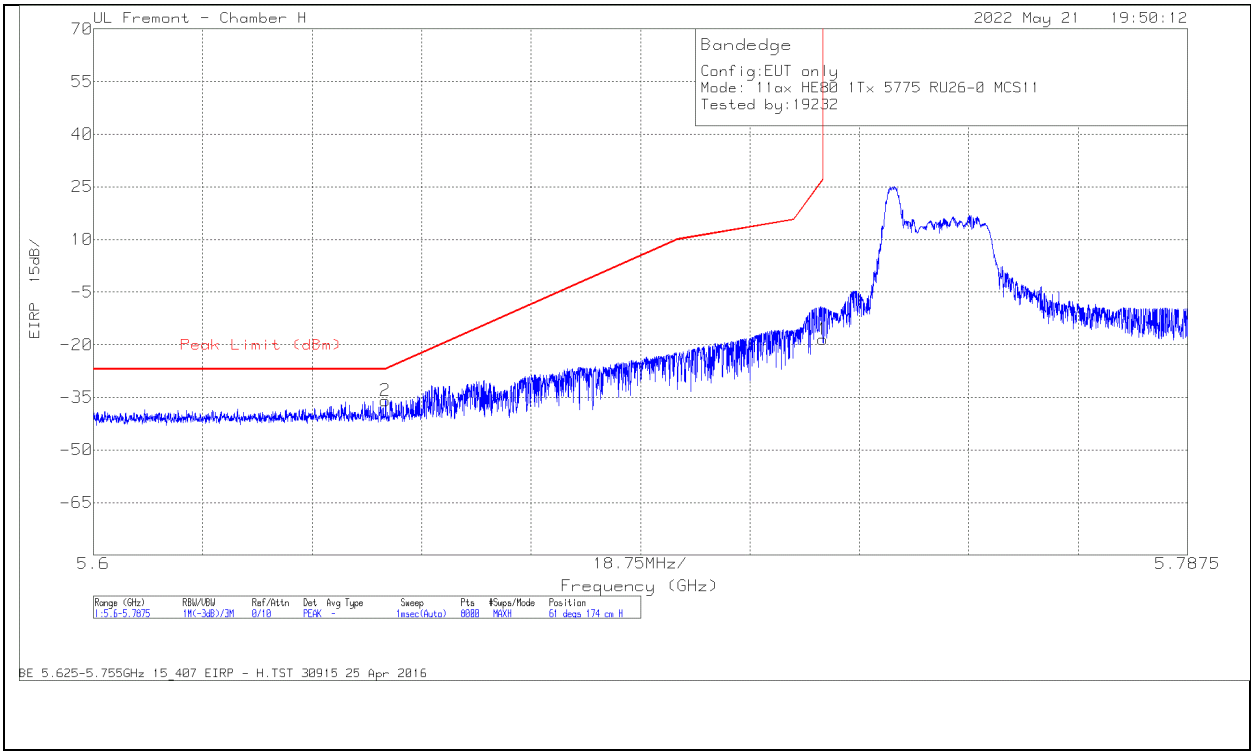
1TX Antenna 5 MODE: 26-Tones, RU Index 0

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 80430 (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.650044	-59.88	Pk	34.9	-22.7	11.8	0	-35.88	-26.97	-8.91	61	174	H
1	5.725	-42.59	Pk	34.9	-22.6	11.8	0	-18.49	27	-45.49	61	174	H

Pk - Peak detector

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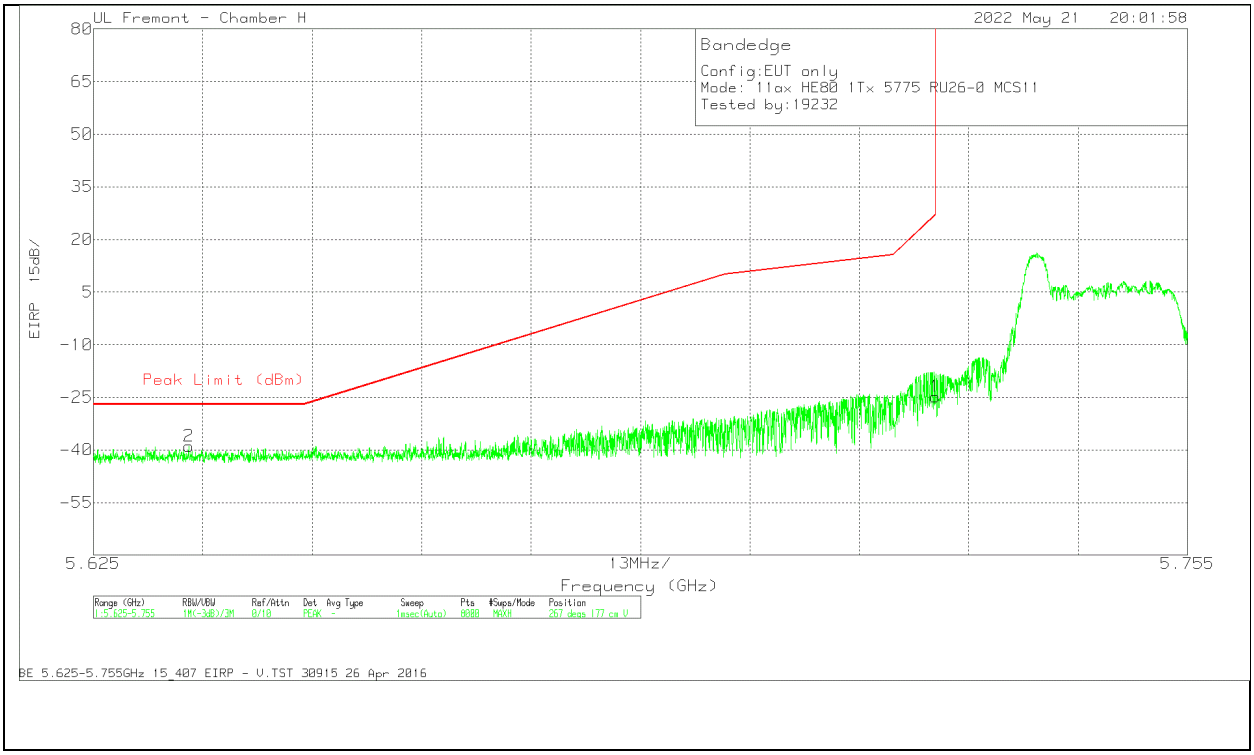
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 80430 (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.636344	-63.06	Pk	34.8	-22.5	11.8	0	-38.96	-27	-11.96	267	177	V
1	5.725	-48.98	Pk	34.9	-22.6	11.8	0	-24.88	27	-51.88	267	177	V

Pk - Peak detector

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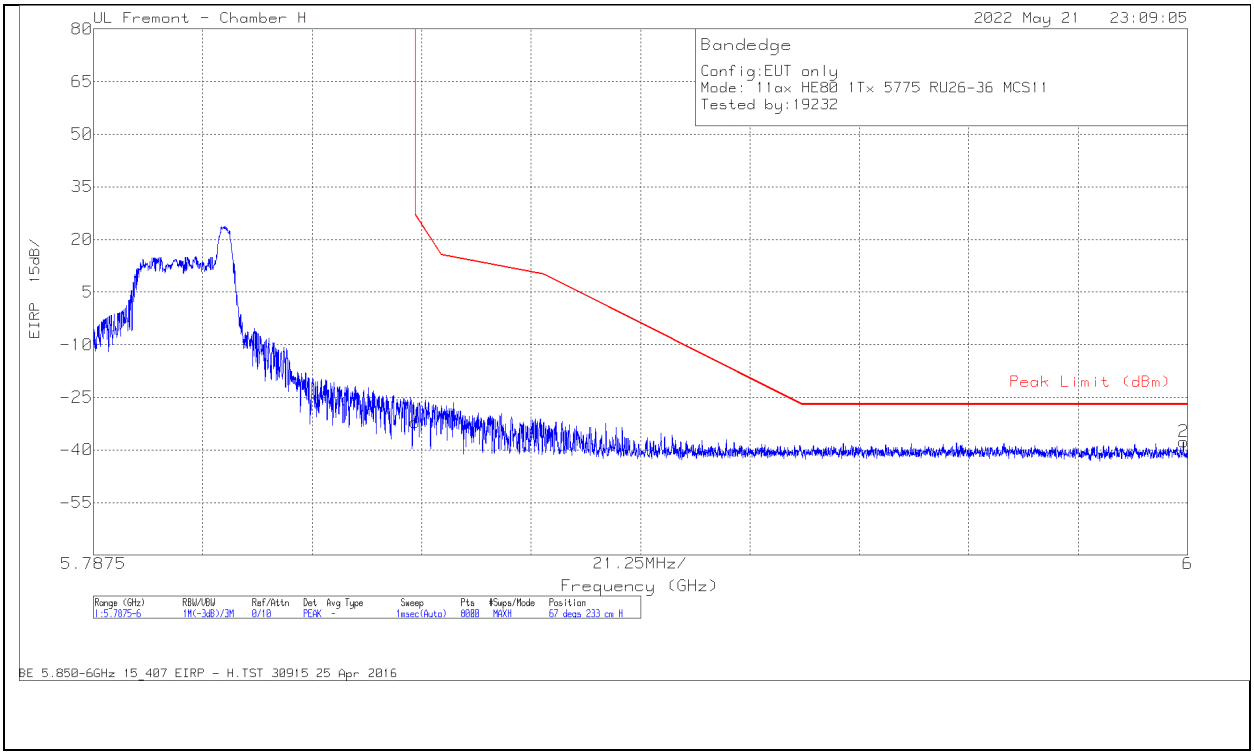
1TX Antenna 5 MODE: 26-Tones, RU Index 36

BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 80430 (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-56.79	Pk	35.3	-22.4	11.8	0	-32.09	27	-59.09	67	233	H
2	5.999178	-62.42	Pk	35.3	-22.3	11.8	0	-37.62	-27	-10.62	67	233	H

Pk - Peak detector

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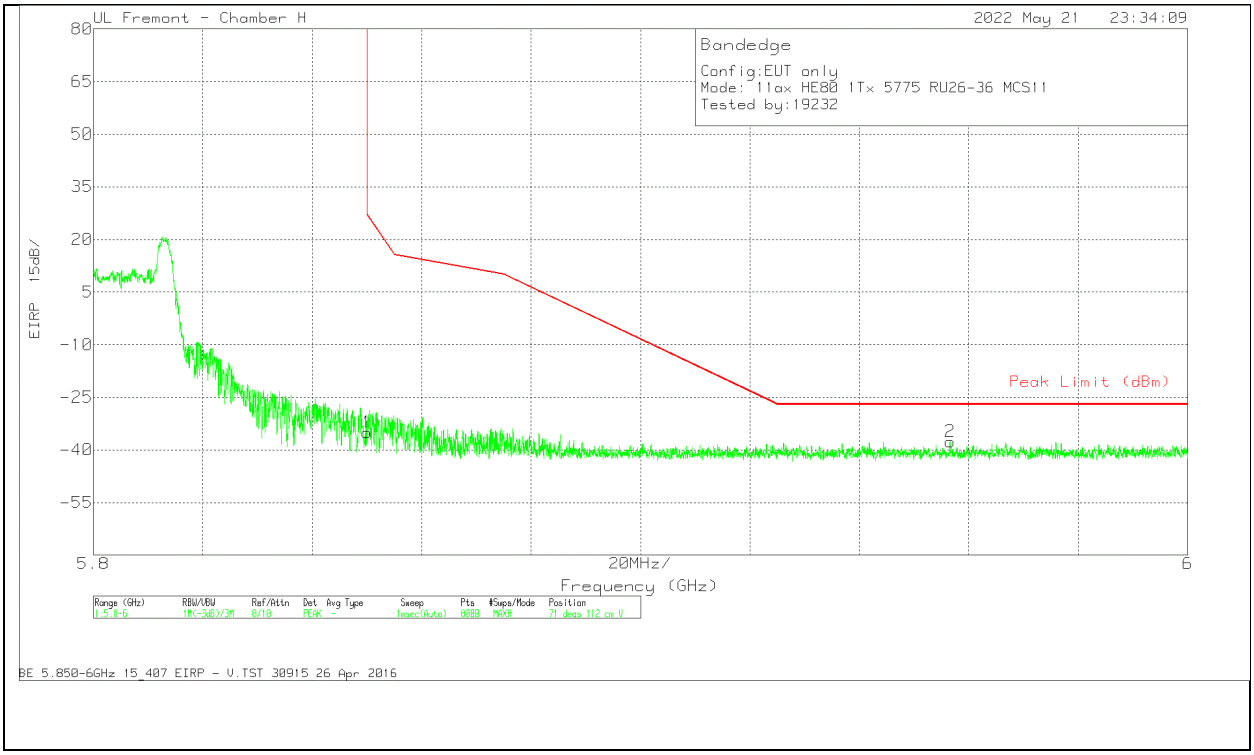
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 80430 (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-59.73	Pk	35.3	-22.4	11.8	0	-35.03	27	-62.03	71	112	V
2	5.956569	-62.4	Pk	35.4	-22.5	11.8	0	-37.7	-27	-10.7	71	112	V

Pk - Peak detector

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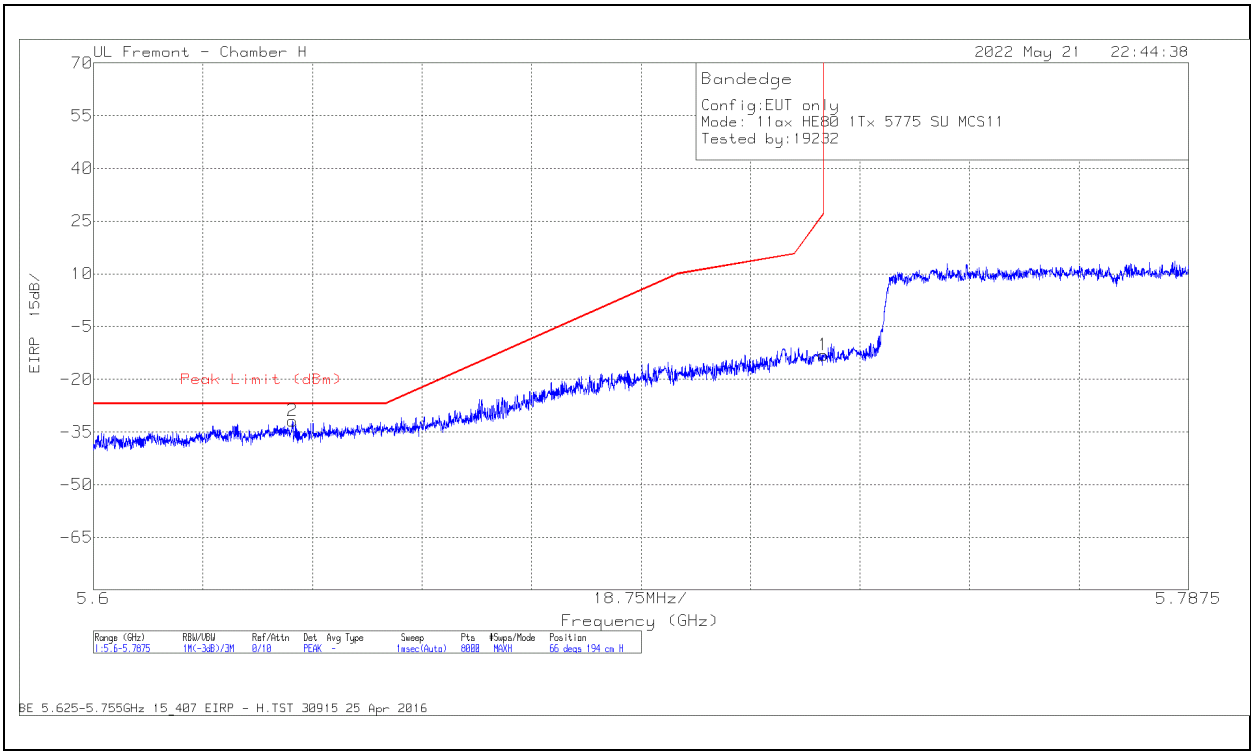
1TX Antenna 5 MODE: SU, Single User

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 80430 (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-37.2	Pk	34.9	-22.6	11.8	0	-13.1	27	-40.1	66	194	H
2	5.634129	-56.11	Pk	34.9	-22.5	11.8	0	-31.91	-27	-4.91	66	194	H

Pk - Peak detector

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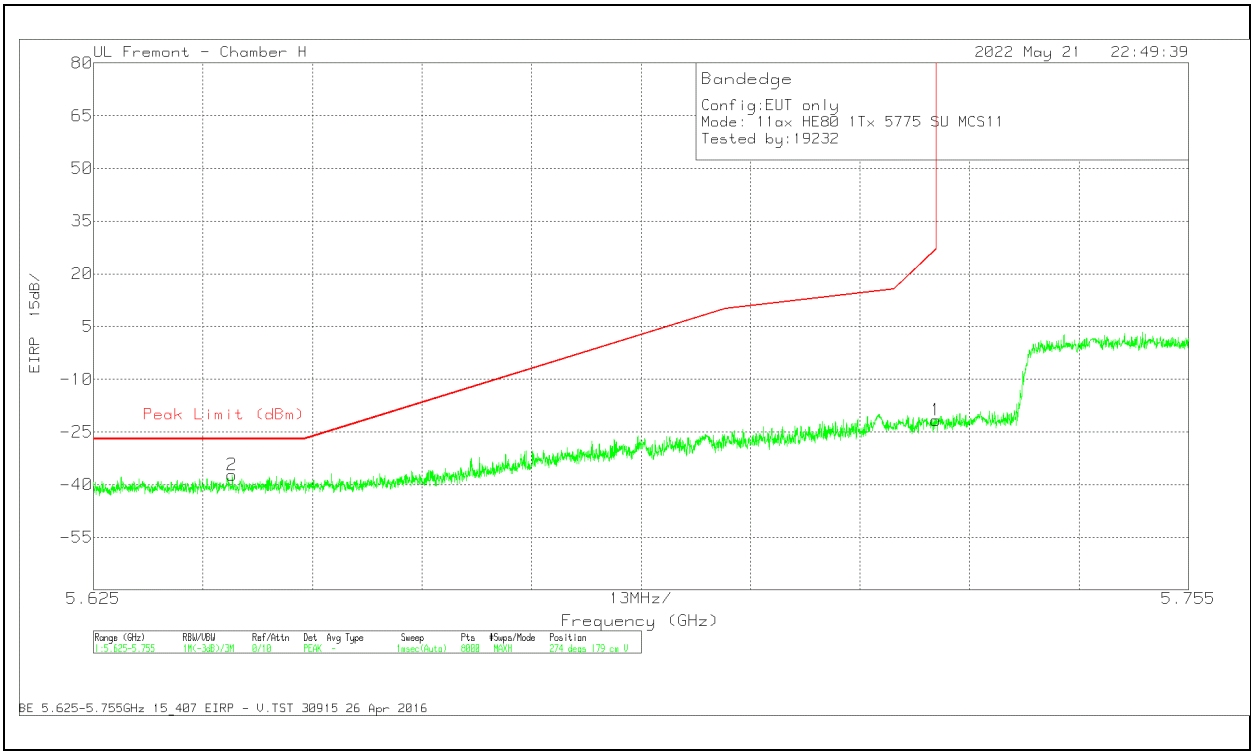
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 80430 (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-45.73	Pk	34.9	-22.6	11.8	0	-21.63	27	-48.63	274	179	V
2	5.641463	-61.3	Pk	34.9	-22.7	11.8	0	-37.3	-27	-10.3	274	179	V

Pk - Peak detector

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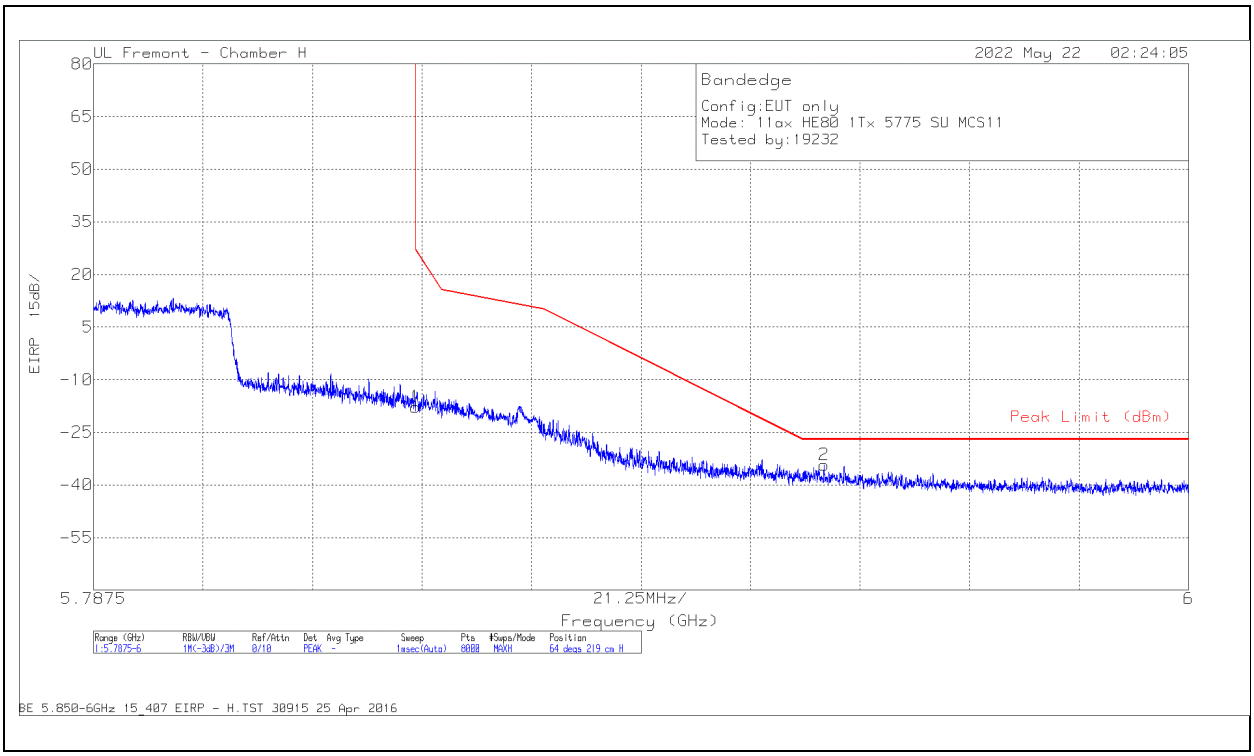
BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 80430 (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-42.42	Pk	35.3	-22.4	11.8	0	-17.72	27	-44.72	64	219	H
2	5.929256	-59.01	Pk	35.4	-22.5	11.8	0	-34.31	-27	-7.31	64	219	H

Pk - Peak detector

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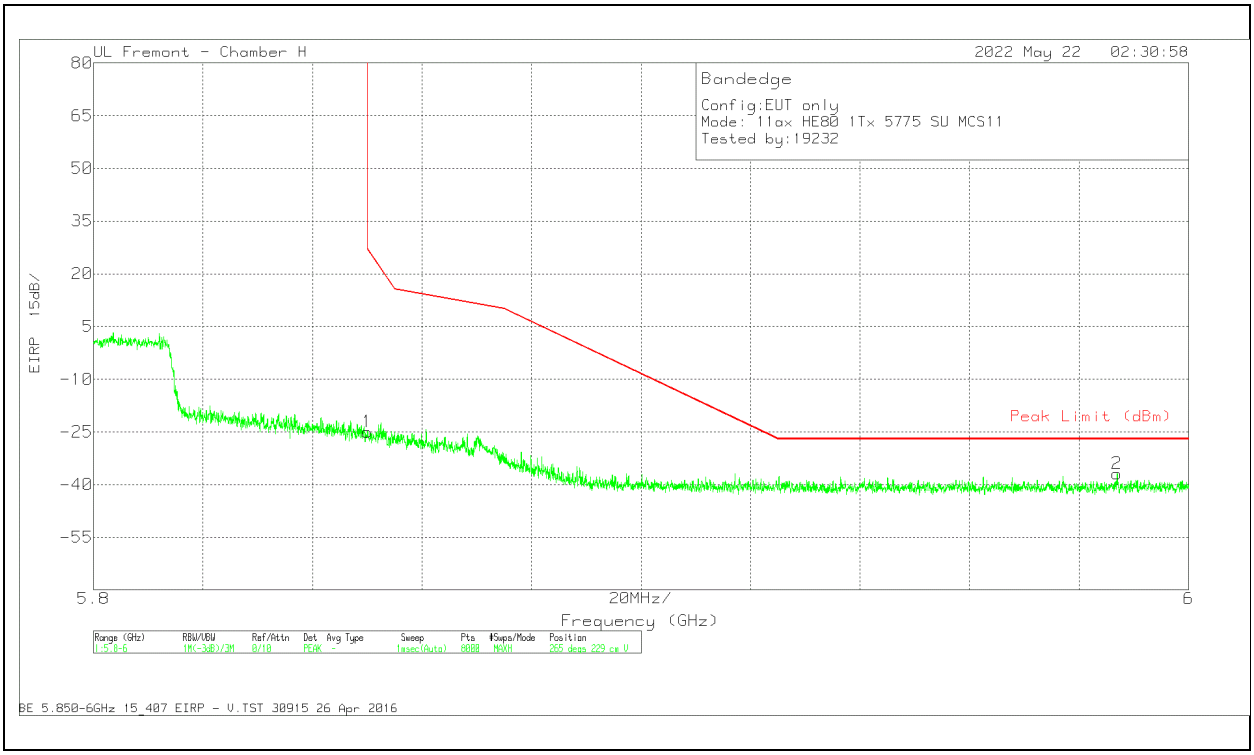
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 80430 (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-49.69	Pk	35.3	-22.4	11.8	0	-24.99	27	-51.99	265	229	V
2	5.986972	-61.68	Pk	35.3	-22.3	11.8	0	-36.88	-27	-9.88	265	229	V

Pk - Peak detector

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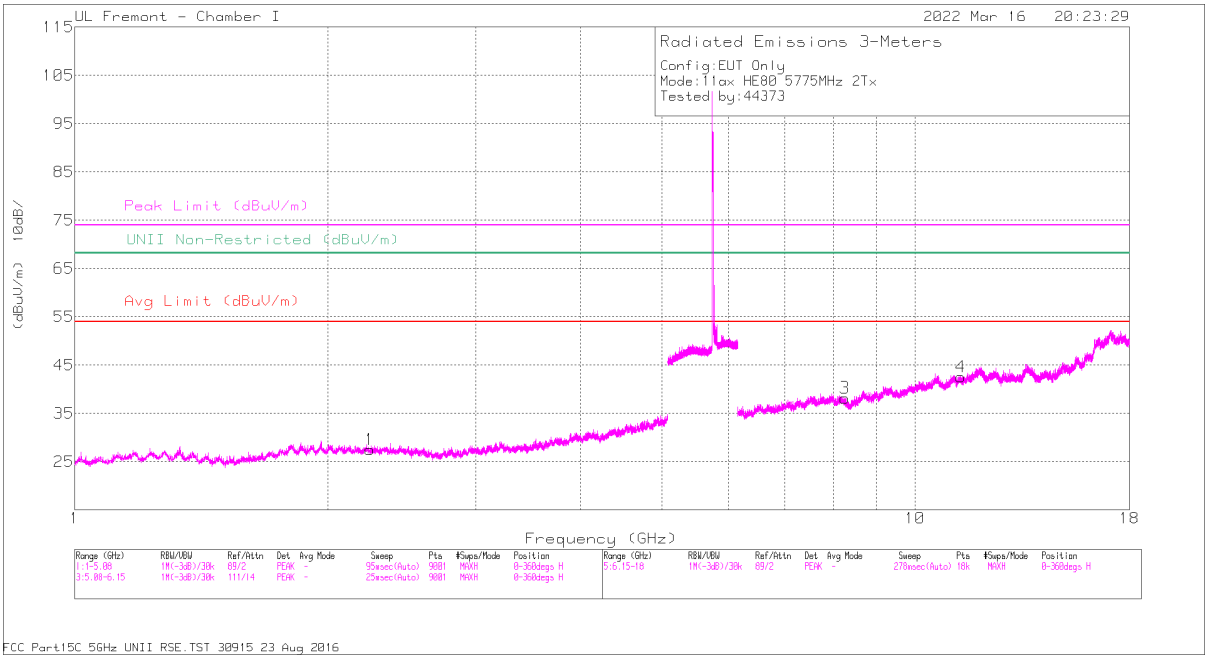
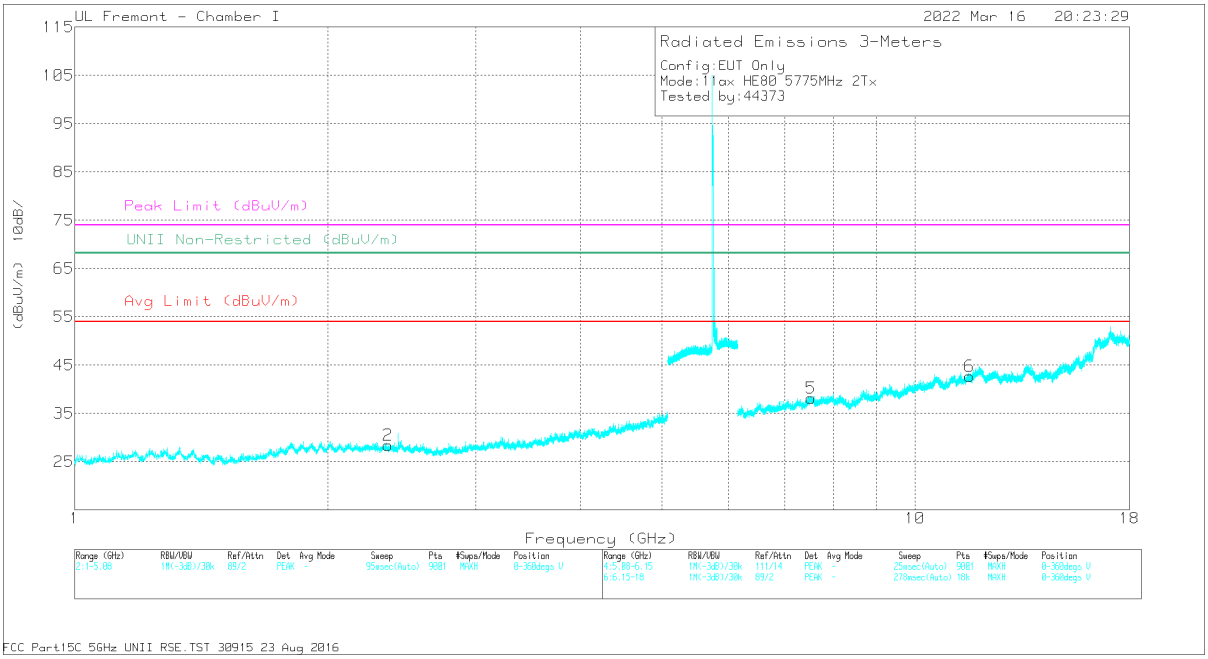
HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 206805 (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	* 2.2421	38.91	PK-U	31.6	-29.8	40.71	-	-	74	-33.29	301	145	H
	* 2.2424	25.39	ADR	31.6	-29.8	27.19	54	-26.81	-	-	301	145	H
2	* 2.3614	36.89	PK-U	31.9	-29.9	38.89	-	-	74	-35.11	248	187	V
	* 2.3609	24.75	ADR	31.9	-29.9	26.75	54	-27.25	-	-	248	187	V
3	* 8.2550	30.91	PK-U	35.6	-18.6	47.91	-	-	74	-26.09	196	280	H
	* 8.2536	19.35	ADR	35.6	-18.6	36.35	54	-17.65	-	-	196	280	H
4	* 11.3422	30.58	PK-U	38	-16.3	52.28	-	-	74	-21.72	17	142	H
	* 11.3428	19.17	ADR	38	-16.3	40.87	54	-13.13	-	-	17	142	H
5	* 7.5267	31.74	PK-U	35.7	-18.7	48.74	-	-	74	-25.26	255	119	V
	* 7.5282	20.2	ADR	35.7	-18.8	37.1	54	-16.9	-	-	255	119	V
6	* 11.6086	30.92	PK-U	38.3	-16.4	52.82	-	-	74	-21.18	102	236	V
	* 11.6091	19.34	ADR	38.3	-16.4	41.24	54	-12.76	-	-	102	236	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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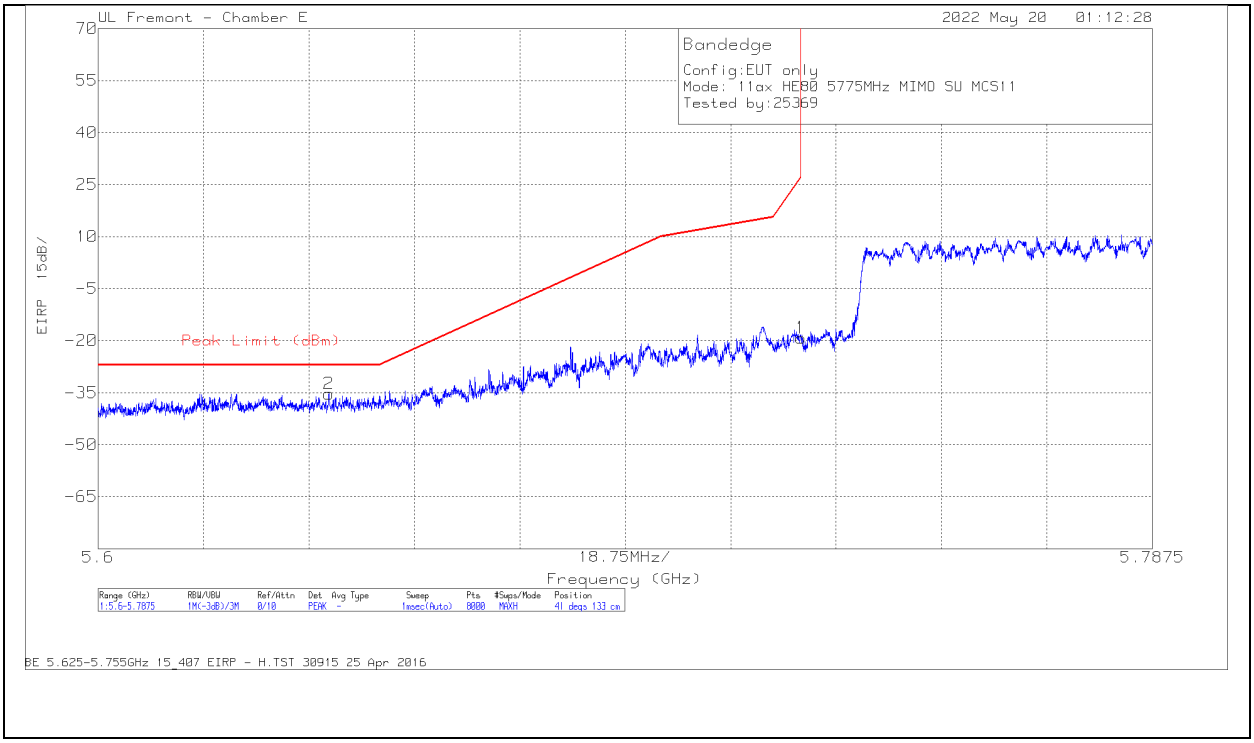
2TX Antenna 6 + Antenna 5 OFDMA MODE: SU, Single User

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	200897 ACF (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.64102	-61	Pk	34.6	-20.7	11.8	0	-35.3	-27	-8.3	41	133	H
1	5.725	-45.42	Pk	34.7	-20.3	11.8	0	-19.22	27	-46.22	41	133	H

Pk - Peak detector

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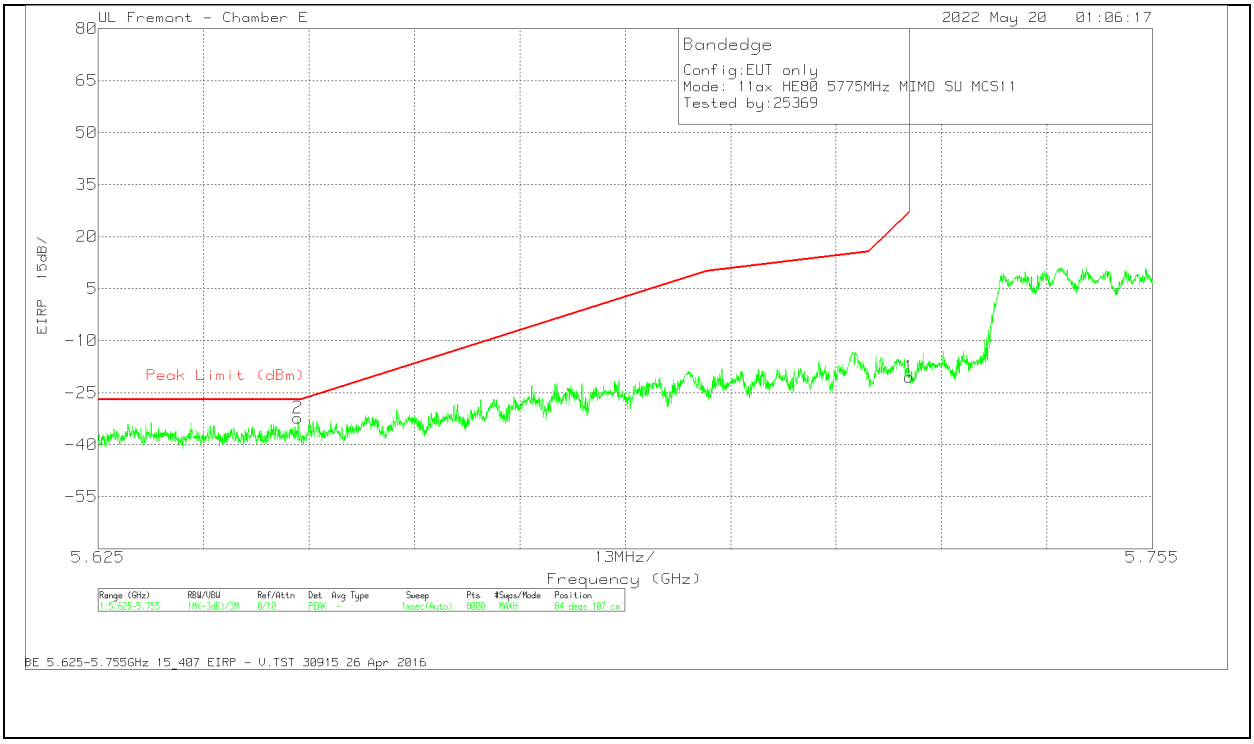
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	200897 ACF (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.649622	-57.94	Pk	34.5	-20.6	11.8	0	-32.24	-27	-5.24	84	107	V
1	5.725	-46.69	Pk	34.7	-20.3	11.8	0	-20.49	27	-47.49	84	107	V

Pk - Peak detector

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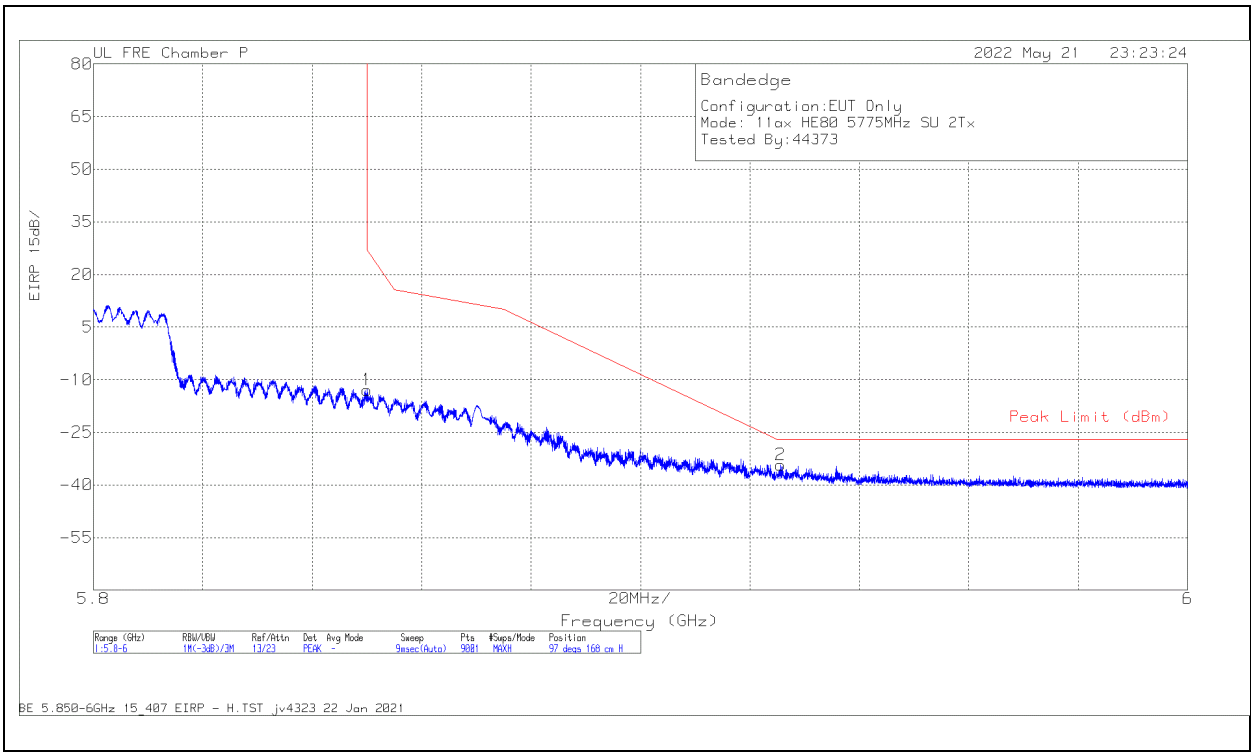
BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 41112 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-31.81	Pk	35.4	-28.3	11.8	-12.91	27	-39.91	97	168	H
2	5.925554	-53.21	Pk	35.5	-28.3	11.8	-34.21	-27	-7.21	97	168	H

Pk - Peak detector

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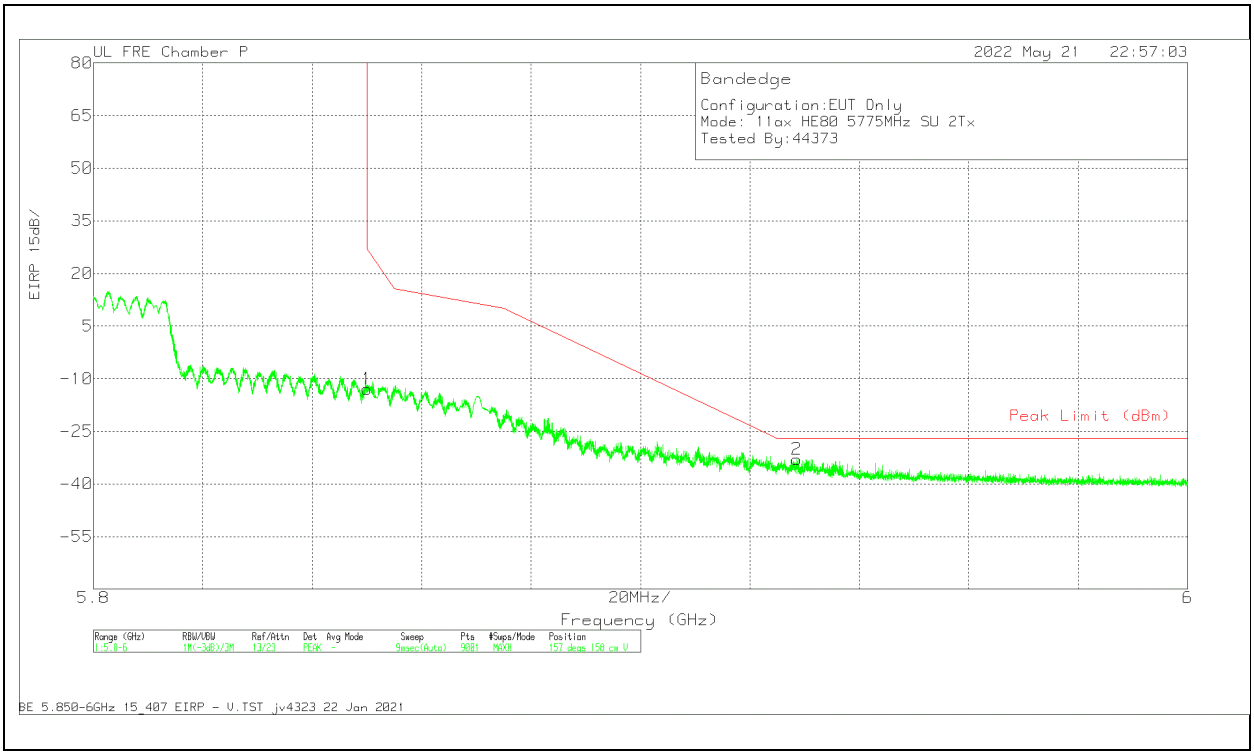
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 41112 (dB/m)	Amp/Cbl /Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-31.76	Pk	35.4	-28.3	11.8	-12.86	27	-39.86	157	158	V
2	5.928554	-51.92	Pk	35.5	-28.3	11.8	-32.92	-27	-5.92	157	158	V

Pk - Peak detector

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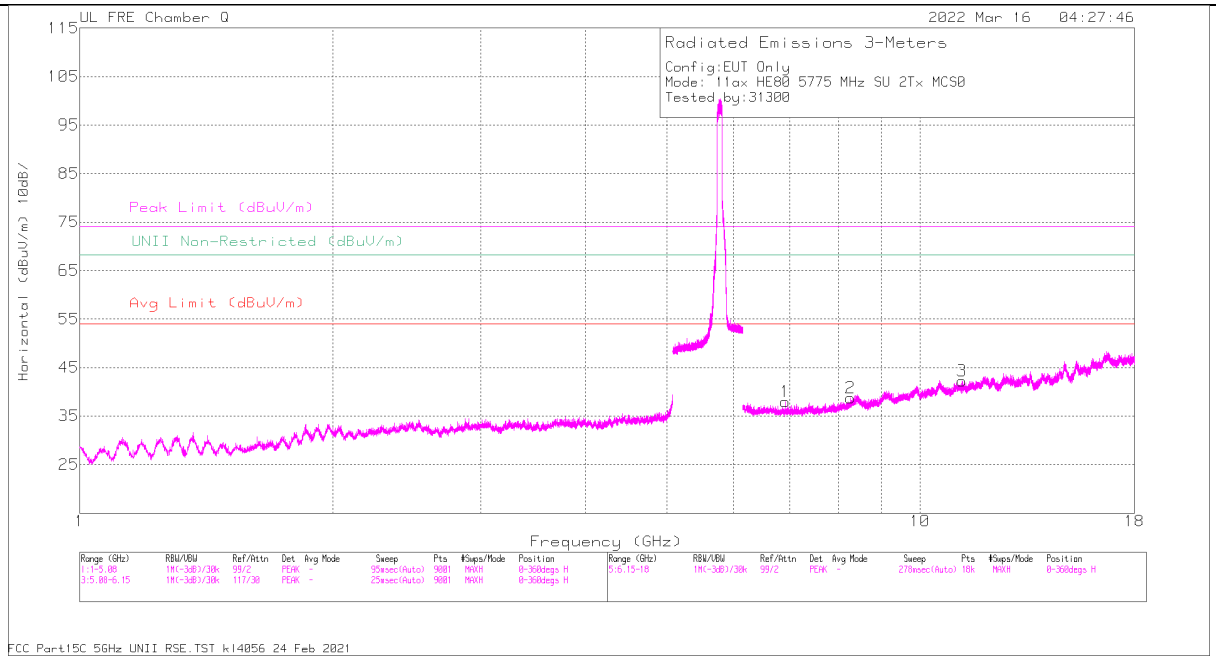
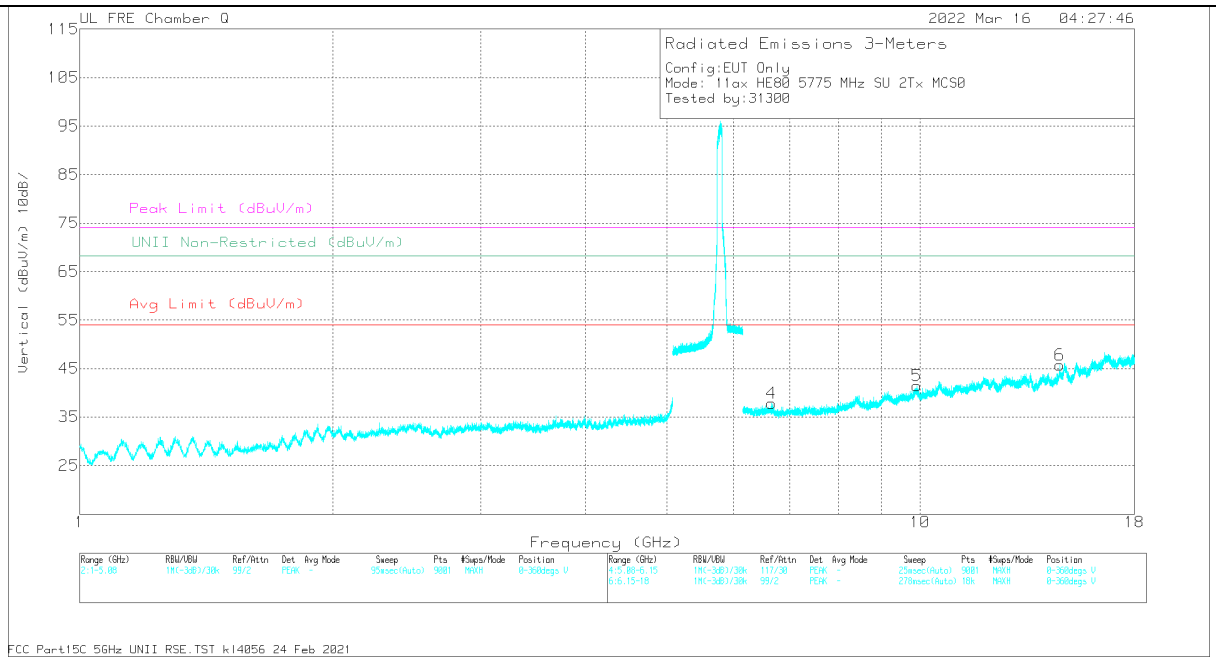
HARMONICS AND SPURIOUS EMISSIONS

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
4	6.6599	48.78	PK-U	35.6	-37.8		46.58	-	-	-	-	68.2	-21.62	192	100	V
1	6.9174	48.6	PK-U	35.7	-38		46.3	-	-	-	-	68.2	-21.9	9	201	H
2	*8.2679	49.13	PK-U	36	-36.5	0	48.63	-	-	74	-25.37	-	-	37	200	H
	*8.2654	37.07	ADR	36	-36.5	.26	36.57	54	-17.17	-	-	-	-	37	200	H
5	9.9121	50.58	PK-U	37.2	-36		51.78	-	-	-	-	68.2	-16.42	132	100	V
3	*11.2283	46.25	PK-U	38.1	-33.2	0	51.15	-	-	74	-22.85	-	-	81	200	H
	*11.2297	34.77	ADR	38.1	-33.2	.26	39.67	54	-14.07	-	-	-	-	81	200	H
6	14.6641	48.92	PK-U	39.7	-34		54.62	-	-	-	-	68.2	-13.58	109	100	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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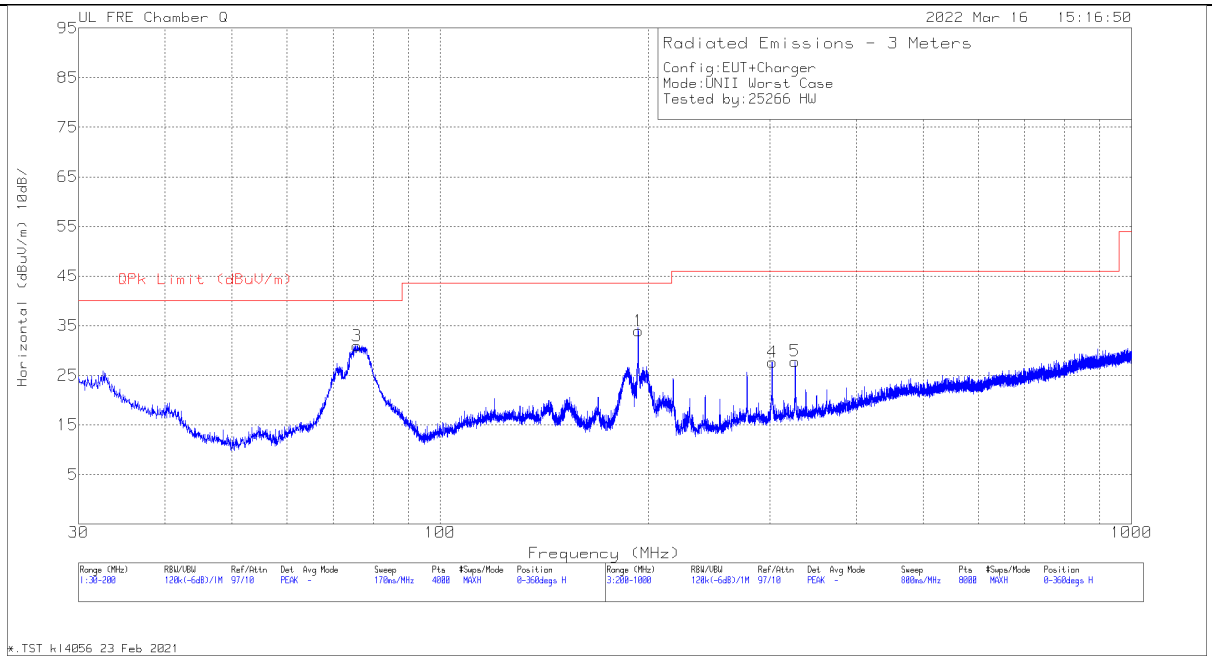
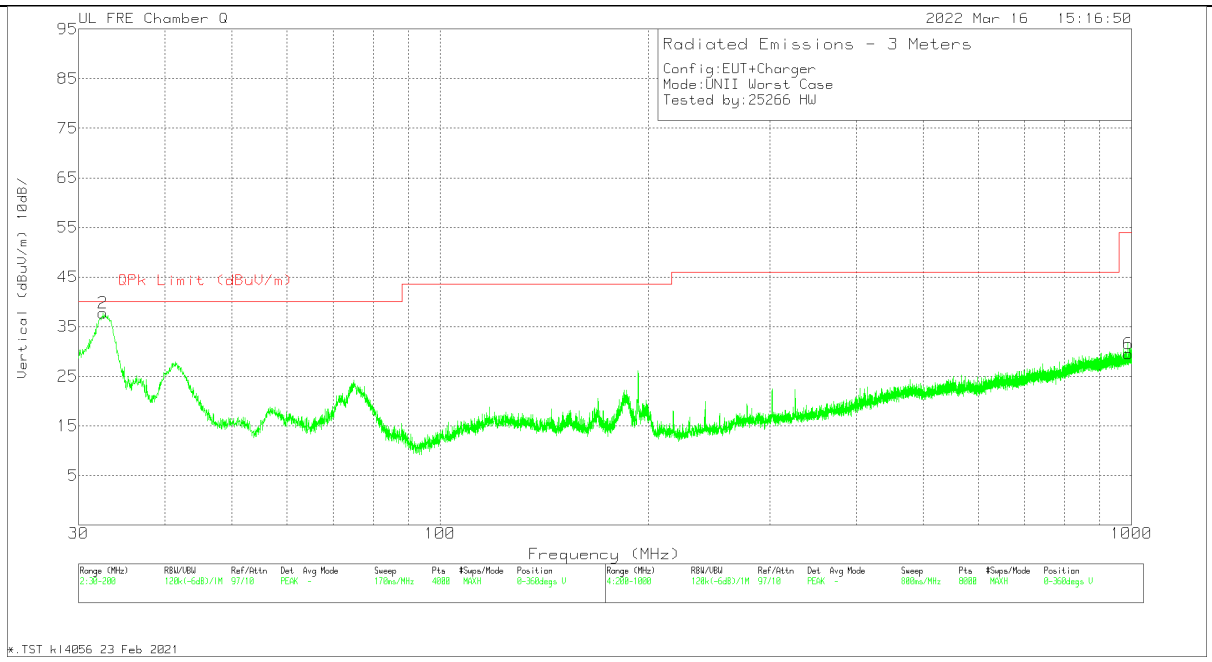
1.2. WORST CASE BELOW 1 GHz

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION)



HORIZONTAL



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Below 1GHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	174373 AF (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	32.5507	41.43	Qp	25.1	-32.3	34.23	40	-5.77	314	100	V
1	75.8694	46.49	Qp	13.9	-32	28.39	40	-11.61	314	268	H
3	193.455	43.07	Qp	17.1	-31.4	28.77	43.52	-14.75	355	165	H
4	302.113	37.41	Qp	19	-30.9	25.51	46.02	-20.51	0	109	H
5	326.216	36.3	Qp	19.5	-30.9	24.9	46.02	-21.12	1	102	H
6	989.103	19.47	Qp	28.6	-27.2	20.87	53.97	-33.1	122	367	V

Qp - Quasi-Peak detector

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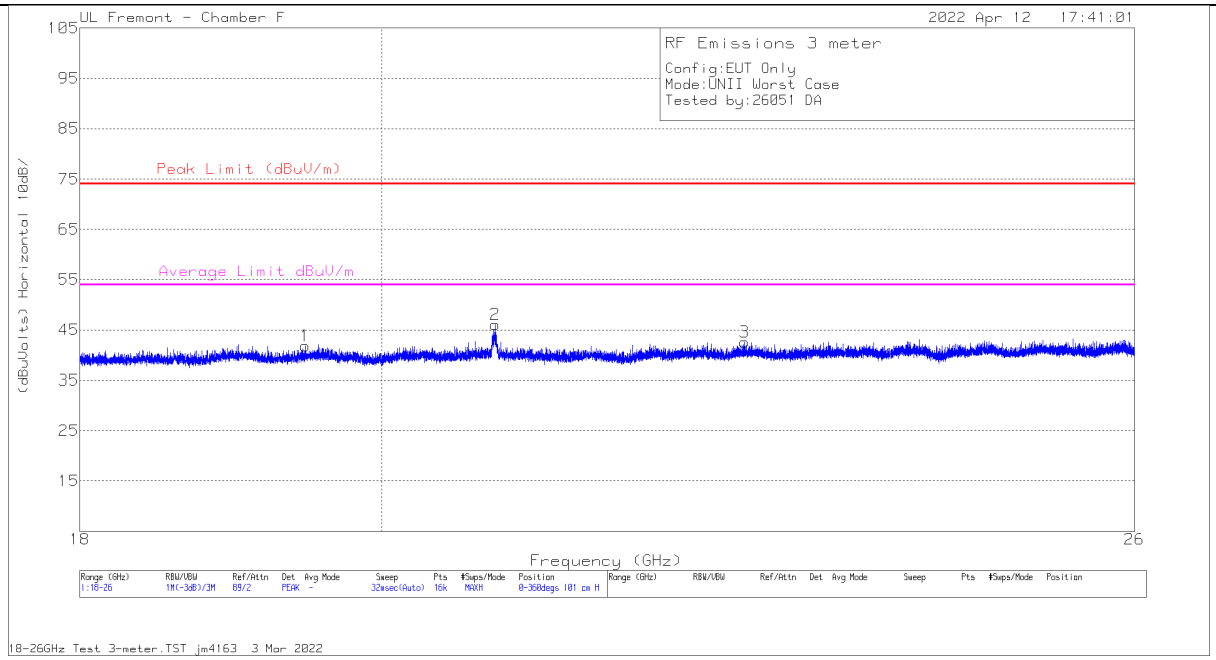
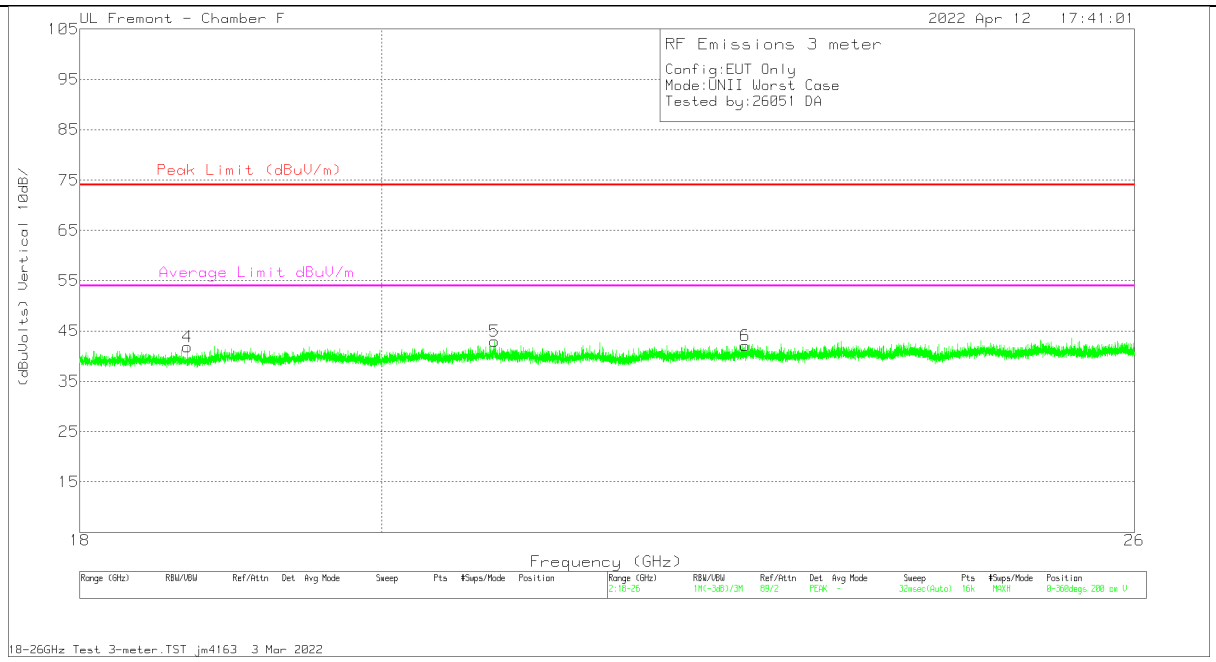
1.3. WORST CASE 18-26 GHz

SPURIOUS EMISSIONS 18-26 GHz (WORST-CASE CONFIGURATION)



HORIZONTAL



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18 – 26GHz Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81140 AF (dB/m)	Cables (dB)	215705 Amp Kit (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Average Limit dBuV/m	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 19.474	52.3	Pk	32.6	18	-61	41.9	74	-32.1	54	-12.1	0-360	200	H
2	* 20.798	56.09	Pk	33	18.7	-59.5	48.29	74	-25.71	54	-5.71	125	194	H
3	* 22.697	50.54	Pk	33.4	19.5	-60.9	42.54	74	-31.46	54	-11.46	0-360	101	H
4	* 18.69	52.53	Pk	32.4	17.6	-60.7	41.83	74	-32.17	54	-12.17	0-360	200	V
5	* 20.801	50.73	Pk	33	18.7	-59.5	42.93	74	-31.07	54	-11.07	0-360	101	V
6	* 22.699	50.14	Pk	33.4	19.5	-60.9	42.14	74	-31.86	54	-11.86	0-360	101	V

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

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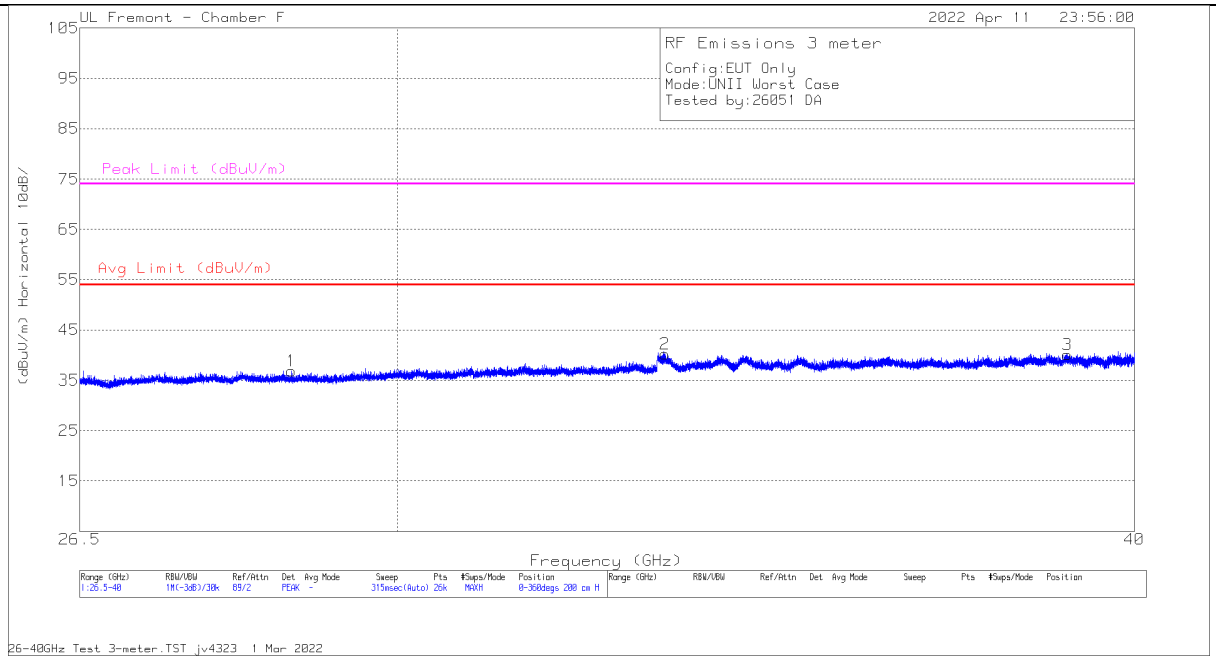
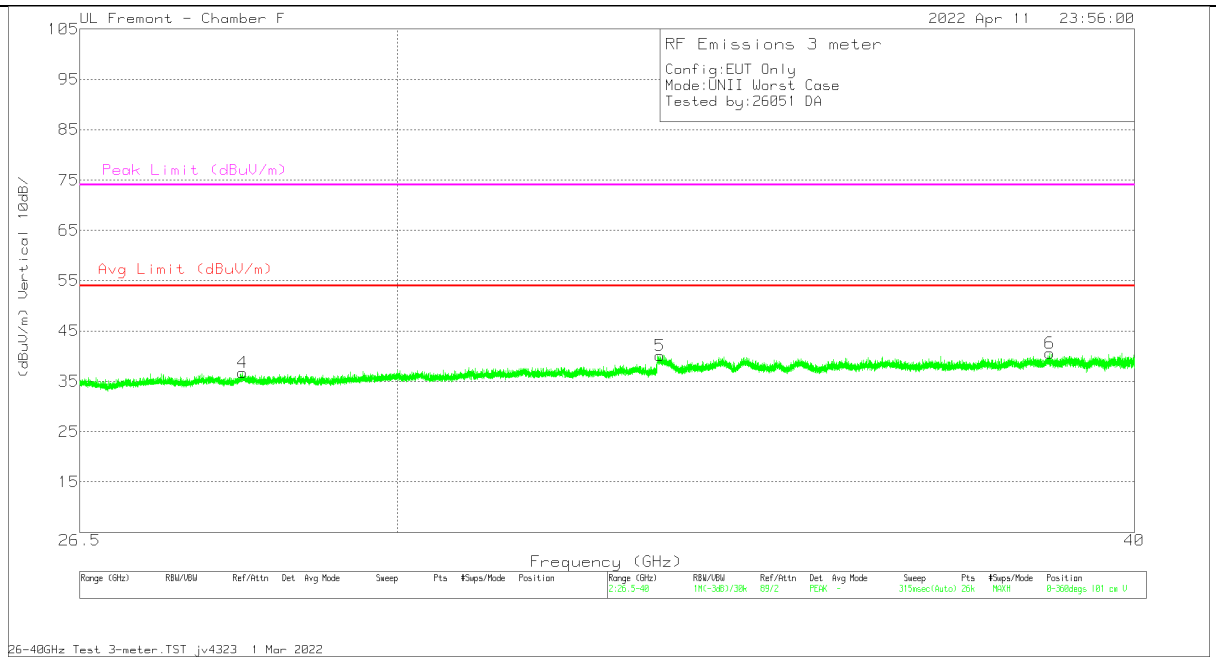
1.4. WORST CASE 26-40 GHz

SPURIOUS EMISSIONS 26-40 GHz (WORST-CASE CONFIGURATION)



HORIZONTAL



VERTICAL

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26 – 40GHz Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81104 AF (dB/m)	Cables (dB)	172345 Amp Kit (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	28.784097	50.07	Avg	36.2	22.1	-71.5	36.87	54	-17.13	0-360	101	H
2	33.300888	49.76	Avg	37.2	23.9	-70.6	40.26	54	-13.74	0-360	101	H
3	* 38.964659	45.22	Avg	38.4	26.2	-69.7	40.12	54	-13.88	0-360	200	H
4	28.242539	51.15	Avg	36.1	21.9	-72.4	36.75	54	-17.25	0-360	199	V
5	33.23858	49.85	Avg	36.8	23.9	-70.4	40.15	54	-13.85	0-360	101	V
6	* 38.696217	45.19	Avg	38.2	26.1	-68.9	40.59	54	-13.41	0-360	101	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Avg - Video bandwidth < Resolution bandwidth

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2. AC POWERLINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dBµV)	
	Quasi-peak	Average
0.15-0.5	66 to 56 *	56 to 46 *
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both NEUTRAL and HOT lines.

RESULTS

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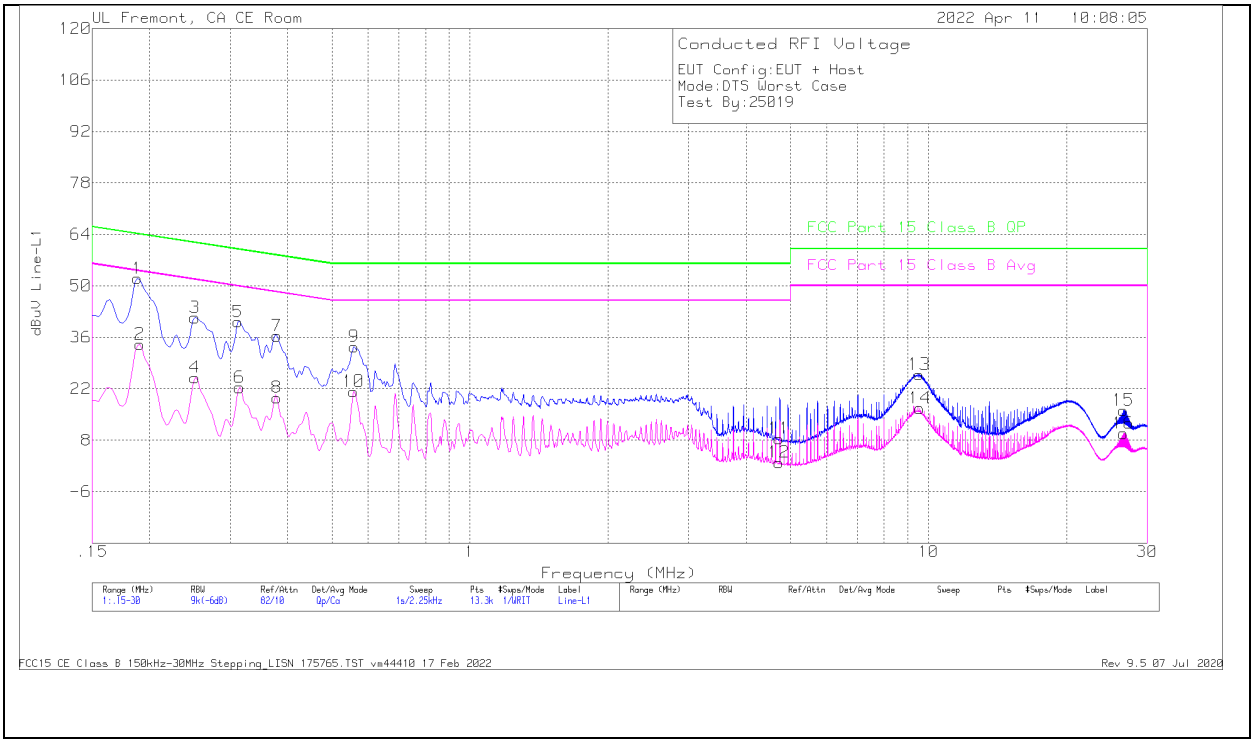
2.1. AC POWER LINE WITH LAPTOP

LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175765 LISN L1 (dB)	C1&C3 cable (dB)	TekBox Limiter TBFL1 Model 207 (dB)	Corrected Reading dBuV	FCC Part 15 Class B QP dBuV	QP Margin (dB)	FCC Part 15 Class B Avg dBuV	Av(CISPR) Margin (dB)
2	.1905	24.71	Ca	.1	0	9.3	34.11	-	-	54.01	-19.9
4	.25125	15.77	Ca	0	0	9.3	25.07	-	-	51.72	-26.65
6	.31425	13.06	Ca	0	0	9.3	22.36	-	-	49.86	-27.5
8	.3795	10.29	Ca	0	0	9.3	19.59	-	-	48.29	-28.7
10	.55725	11.93	Ca	0	0	9.3	21.23	-	-	46	-24.77
12	4.71525	-7.45	Ca	0	.1	9.3	1.95	-	-	46	-44.05
14	9.57975	7.09	Ca	.1	.2	9.3	16.69	-	-	50	-33.31
16	26.6055	.04	Ca	.2	.3	9.3	9.84	-	-	50	-40.16
1	.18825	42.5	Qp	.1	0	9.4	52	64.11	-12.11	-	-
3	.25125	32.06	Qp	0	0	9.3	41.36	61.72	-20.36	-	-
5	.312	30.89	Qp	0	0	9.3	40.19	59.92	-19.73	-	-
7	.3795	27.1	Qp	0	0	9.3	36.4	58.29	-21.89	-	-
9	.5595	24.15	Qp	0	0	9.3	33.45	56	-22.55	-	-
11	4.722	-.93	Qp	0	.1	9.3	8.47	56	-47.53	-	-
13	9.54825	16.26	Qp	.1	.2	9.3	25.86	60	-34.14	-	-
15	26.6055	6.32	Qp	.2	.3	9.3	16.12	60	-43.88	-	-

Qp - Quasi-Peak detector
Ca - CISPR average detection

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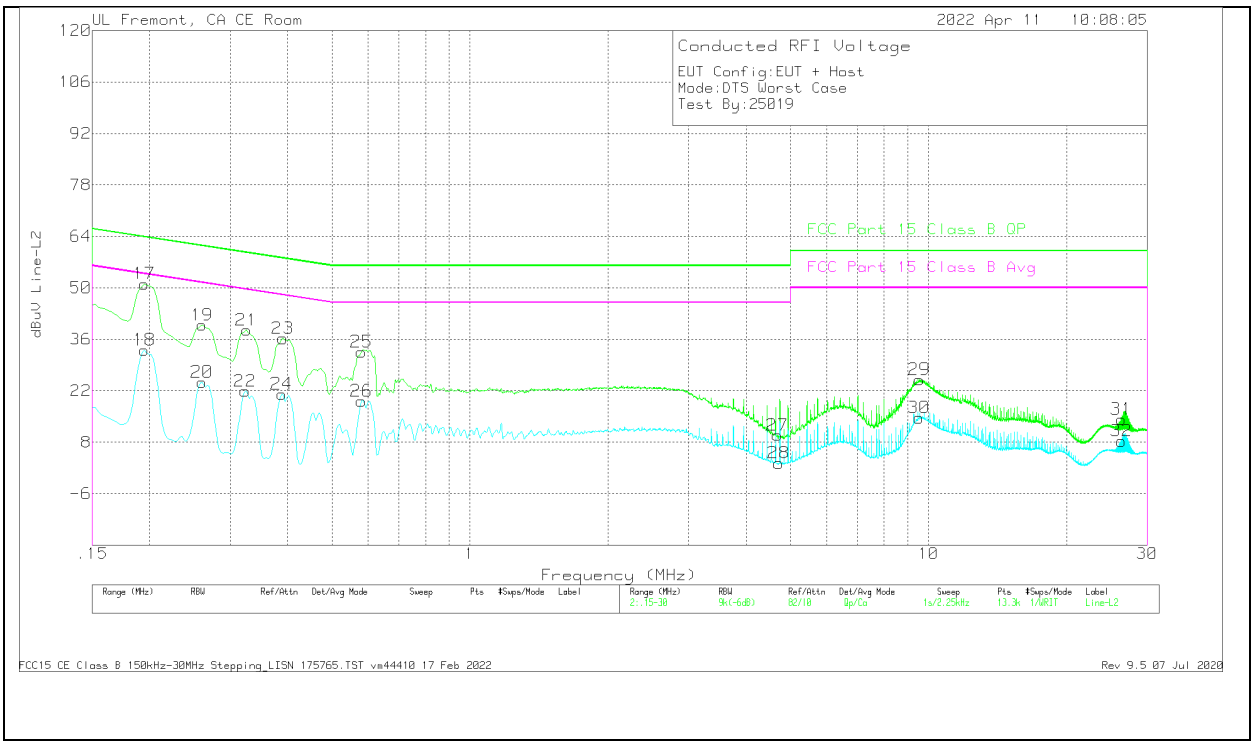
LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175765 LISN L2 (dB)	C2&C3 cable (dB)	TekBox Limiter TBFL1 Model 207 (dB)	Corrected Reading dBuV	FCC Part 15 Class B QP dBuV	QP Margin (dB)	FCC Part 15 Class B Avg dBuV	Av(CISPR) Margin (dB)
18	.195	23.76	Ca	0	0	9.3	33.06	-	-	53.82	-20.76
20	.26025	15.03	Ca	0	0	9.3	24.33	-	-	51.42	-27.09
22	.32325	12.56	Ca	0	0	9.3	21.86	-	-	49.62	-27.76
24	.3885	11.79	Ca	0	0	9.3	21.09	-	-	48.1	-27.01
26	.57975	9.87	Ca	0	0	9.3	19.17	-	-	46	-26.83
28	4.713	-7.09	Ca	0	.1	9.3	2.31	-	-	46	-43.69
30	9.54038	5.14	Ca	0	.2	9.3	14.64	-	-	50	-35.36
32	26.34	-1.5	Ca	.2	.3	9.3	8.3	-	-	50	-41.7
17	.195	41.79	Qp	0	0	9.3	51.09	63.82	-12.73	-	-
19	.26025	30.55	Qp	0	0	9.3	39.85	61.42	-21.57	-	-
21	.3255	29.2	Qp	0	0	9.3	38.5	59.57	-21.07	-	-
23	.39075	26.93	Qp	0	0	9.3	36.23	58.05	-21.82	-	-
25	.57975	23.24	Qp	0	0	9.3	32.54	56	-23.46	-	-
27	4.68375	.48	Qp	0	.1	9.3	9.88	56	-46.12	-	-
29	9.5505	15.5	Qp	0	.2	9.3	25	60	-35	-	-
31	26.34	4.45	Qp	.2	.3	9.3	14.25	60	-45.75	-	-

Qp - Quasi-Peak detector
Ca - CISPR average detection

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2.2. AC POWER LINE WITH AC/DC ADAPTER

LINE 1 RESULTS

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175765 LISN L1 (dB)	C1&C3 cable (dB)	TekBox Limiter TBFL1 Model 207 (dB)	Corrected Reading dBuV	FCC Part 15 Class B QP dBuV	QP Margin (dB)	FCC Part 15 Class B Avg dBuV	Av(CISPR) Margin (dB)
2	.1995	23.85	Ca	.1	0	9.3	33.25	-	-	53.63	-20.38
4	.447	12.18	Ca	0	0	9.3	21.48	-	-	46.93	-25.45
6	.6945	12.22	Ca	0	.1	9.3	21.62	-	-	46	-24.38
8	3.19875	4.41	Ca	0	.1	9.3	13.81	-	-	46	-32.19
10	4.52625	8.9	Ca	0	.1	9.3	18.3	-	-	46	-27.7
12	13.56	.54	Ca	.1	.2	9.3	10.14	-	-	50	-39.86
14	27.096	3.42	Ca	.2	.3	9.4	13.32	-	-	50	-36.68
1	.1995	39.04	Qp	.1	0	9.3	48.44	63.63	-15.19	-	-
3	.4515	26.34	Qp	0	0	9.3	35.64	56.85	-21.21	-	-
5	.6945	24.45	Qp	0	.1	9.3	33.85	56	-22.15	-	-
7	3.19875	11.85	Qp	0	.1	9.3	21.25	56	-34.75	-	-
9	4.52625	20.07	Qp	0	.1	9.3	29.47	56	-26.53	-	-
11	13.56	7.39	Qp	.1	.2	9.3	16.99	60	-43.01	-	-
13	27.096	9.18	Qp	.2	.3	9.4	19.08	60	-40.92	-	-

Qp - Quasi-Peak detector
Ca - CISPR average detection

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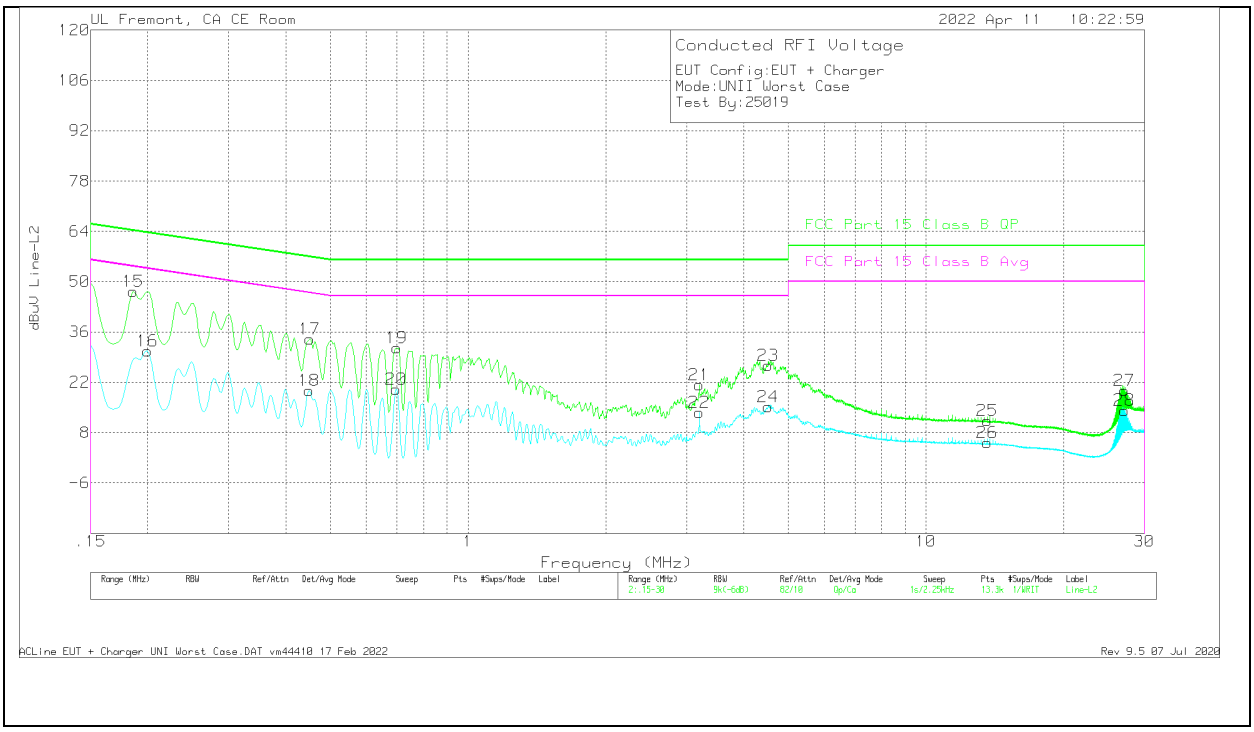
LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175765 LISN L2 (dB)	C2&C3 cable (dB)	TekBox Limiter TBFL1 Model 207 (dB)	Corrected Reading dBuV	FCC Part 15 Class B QP dBuV	QP Margin (dB)	FCC Part 15 Class B Avg dBuV	Av(CISPR) Margin (dB)
16	.1995	21.43	Ca	0	0	9.3	30.73	-	-	53.63	-22.9
18	.44925	10.48	Ca	0	0	9.3	19.78	-	-	46.89	-27.11
20	.69675	10.74	Ca	0	.1	9.3	20.14	-	-	46	-25.86
22	3.19875	4.25	Ca	0	.1	9.3	13.65	-	-	46	-32.35
24	4.51725	5.83	Ca	0	.1	9.3	15.23	-	-	46	-30.77
26	13.5915	-4.34	Ca	.1	.2	9.3	5.26	-	-	50	-44.74
28	27.096	4.32	Ca	.2	.3	9.4	14.22	-	-	50	-35.78
15	.186	37.85	Qp	.1	0	9.4	47.35	64.21	-16.86	-	-
17	.4515	24.77	Qp	0	0	9.3	34.07	56.85	-22.78	-	-
19	.699	22.11	Qp	0	.1	9.3	31.51	56	-24.49	-	-
21	3.19875	11.9	Qp	0	.1	9.3	21.3	56	-34.7	-	-
23	4.51725	17.36	Qp	0	.1	9.3	26.76	56	-29.24	-	-
25	13.5915	1.74	Qp	.1	.2	9.3	11.34	60	-48.66	-	-
27	27.096	9.9	Qp	.2	.3	9.4	19.8	60	-40.2	-	-

Qp - Quasi-Peak detector
Ca - CISPR average detection

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3. SETUP PHOTOS

Please refer to setup report 14040863-EP1V1

END OF TEST REPORT

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