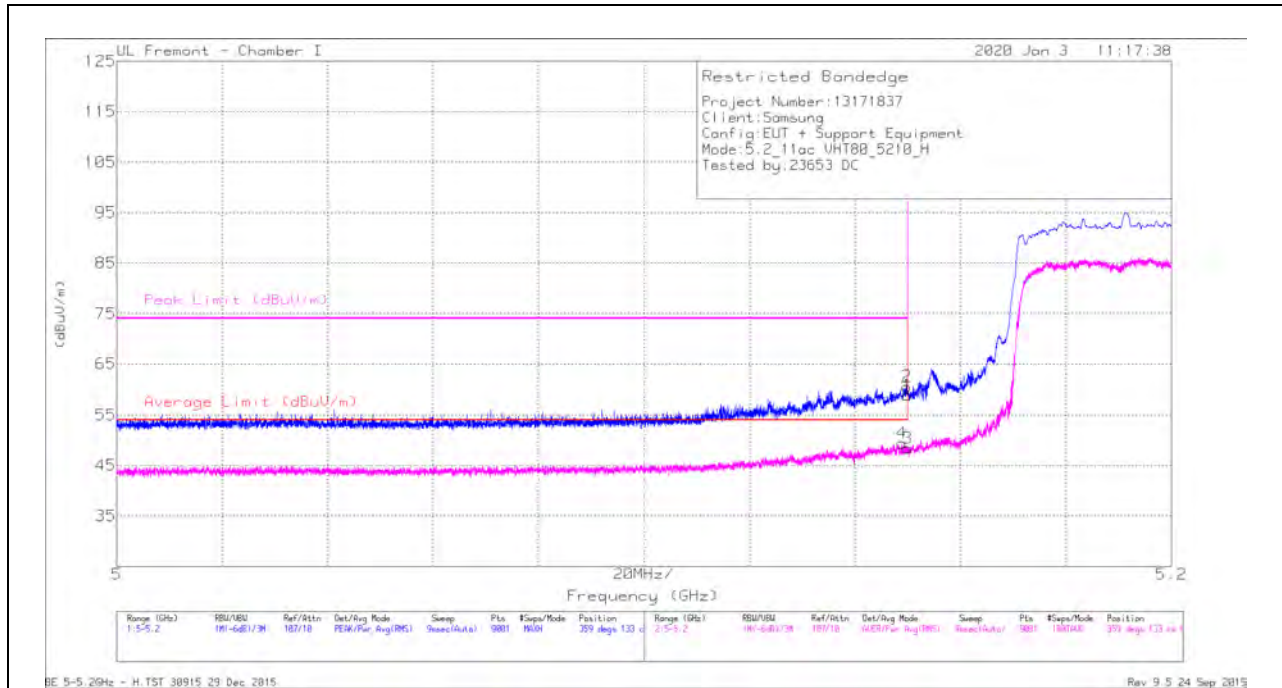


9.1.4. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.2 GHz BAND

1TX CHAIN 0 MODE

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Trace Markers

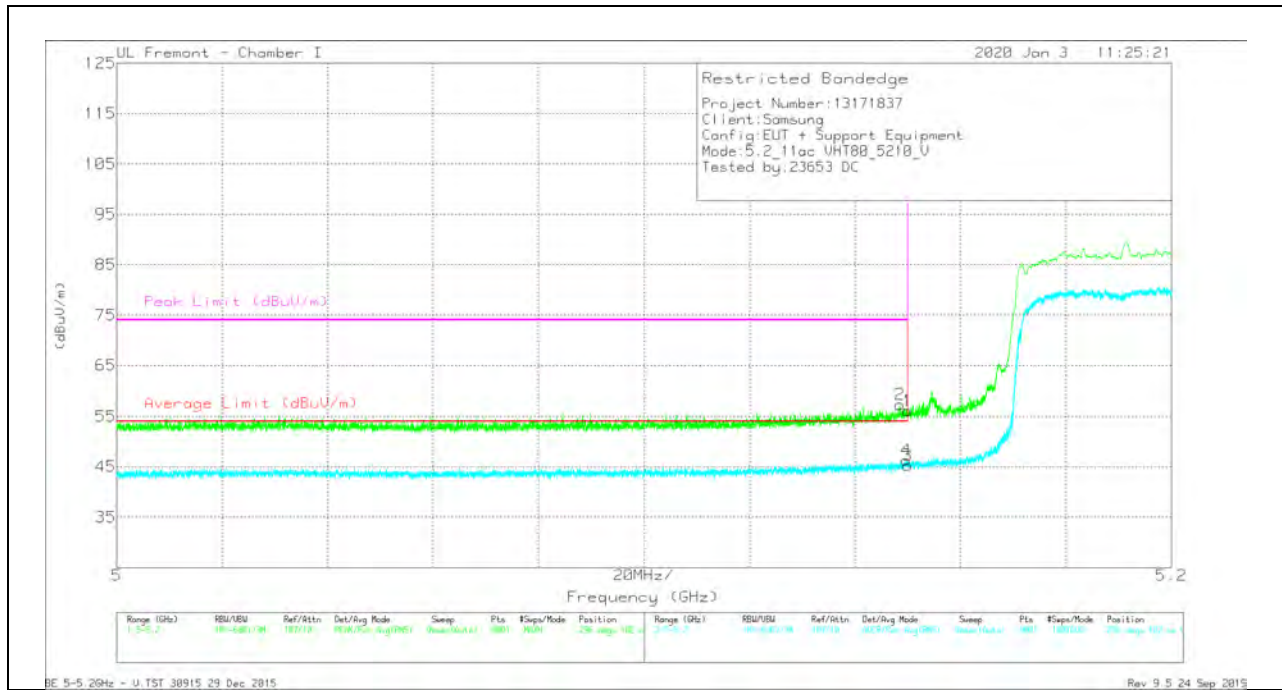
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.15	41.62	Pk	34.4	-17	0	59.02	-	-	74	-14.98	359	133	H
2	*5.1498	43.22	Pk	34.4	-17	0	60.62	-	-	74	-13.38	359	133	H
3	*5.15	29.83	RMS	34.4	-17	1.15	48.38	54	-5.62	-	-	359	133	H
4	*5.14884	30.95	RMS	34.4	-17.1	1.15	49.4	54	-4.6	-	-	359	133	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



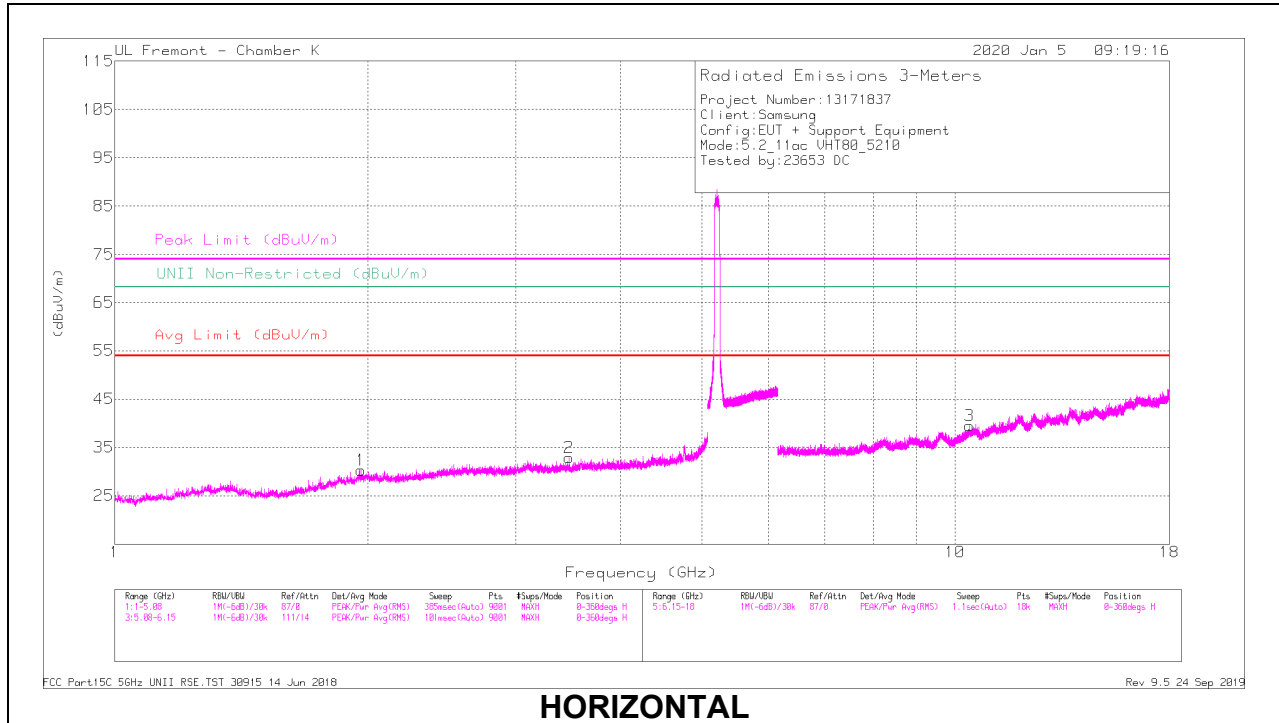
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/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	38.71	Pk	34.4	-17	0	56.11	-	-	74	-17.89	296	102	V
2	*5.14858	40.11	Pk	34.4	-17.1	0	57.41	-	-	74	-16.59	296	102	V
3	*5.15	26.77	RMS	34.4	-17	1.15	45.32	54	-8.68	-	-	296	102	V
4	*5.14978	27.72	RMS	34.4	-17	1.15	46.27	54	-7.73	-	-	296	102	V

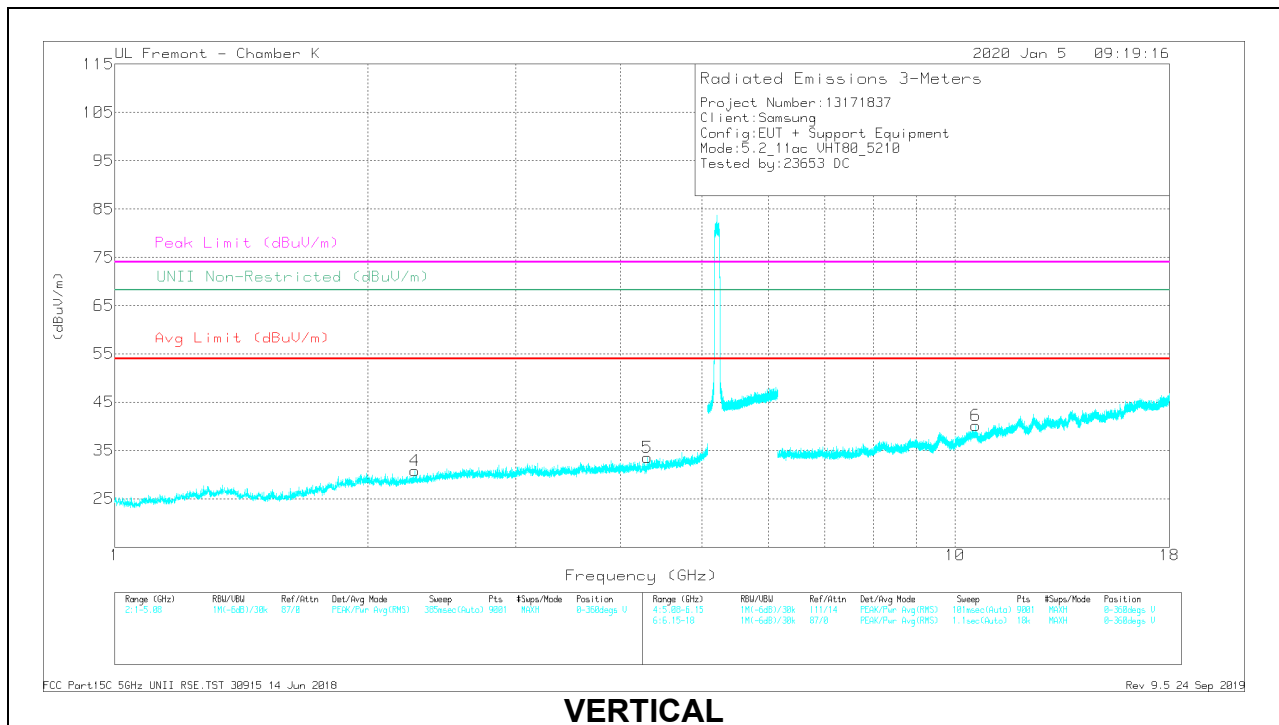
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Fitr/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	1.96368	41.35	PK-U	31.6	-35.2	0	37.75	-	-	-	-	68.2	-30.45	221	274	H
2	3.47422	39.84	PK-U	33.1	-32.8	0	40.14	-	-	-	-	68.2	-28.06	223	260	H
4	* 2.27665	40.98	PK-U	31.5	-35.2	0	37.28	-	-	74	-36.72	-	-	210	232	V
	* 2.27633	30.74	ADR	31.5	-35.2	1.15	28.19	54	-25.81	-	-	-	-	210	232	V
5	* 4.30456	38.5	PK-U	33.3	-31.1	0	40.7	-	-	74	-33.3	-	-	337	382	V
	* 4.30552	27.81	ADR	33.4	-31.1	1.15	31.26	54	-22.74	-	-	-	-	337	382	V
3	10.40987	31.99	PK-U	37.5	-22.8	0	46.69	-	-	-	-	68.2	-21.51	110	107	H
6	10.58361	31.78	PK-U	37.8	-22.3	0	47.28	-	-	-	-	68.2	-20.92	314	382	V

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

PK-U - U-NII: Maximum Peak

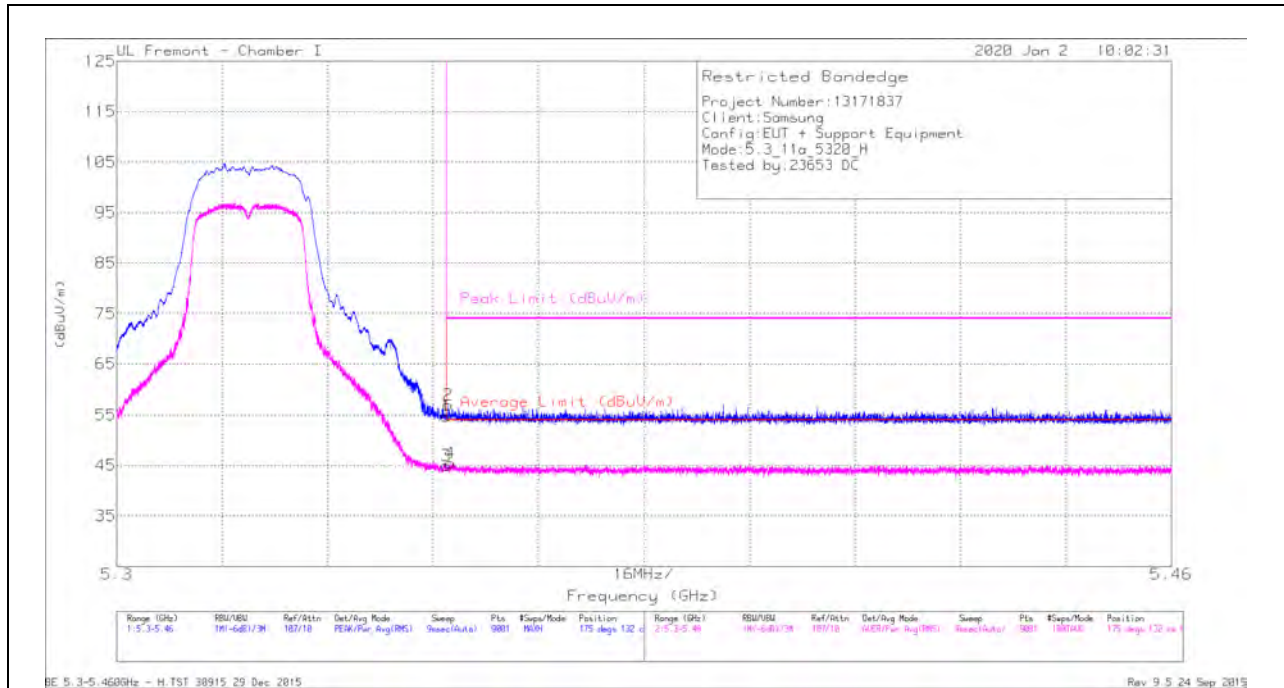
ADR - U-NII AD primary method, RMS average

9.1.5. TX ABOVE 1 GHz 802.11a MODE IN THE 5.3 GHz BAND

1TX CHAIN 0 MODE

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

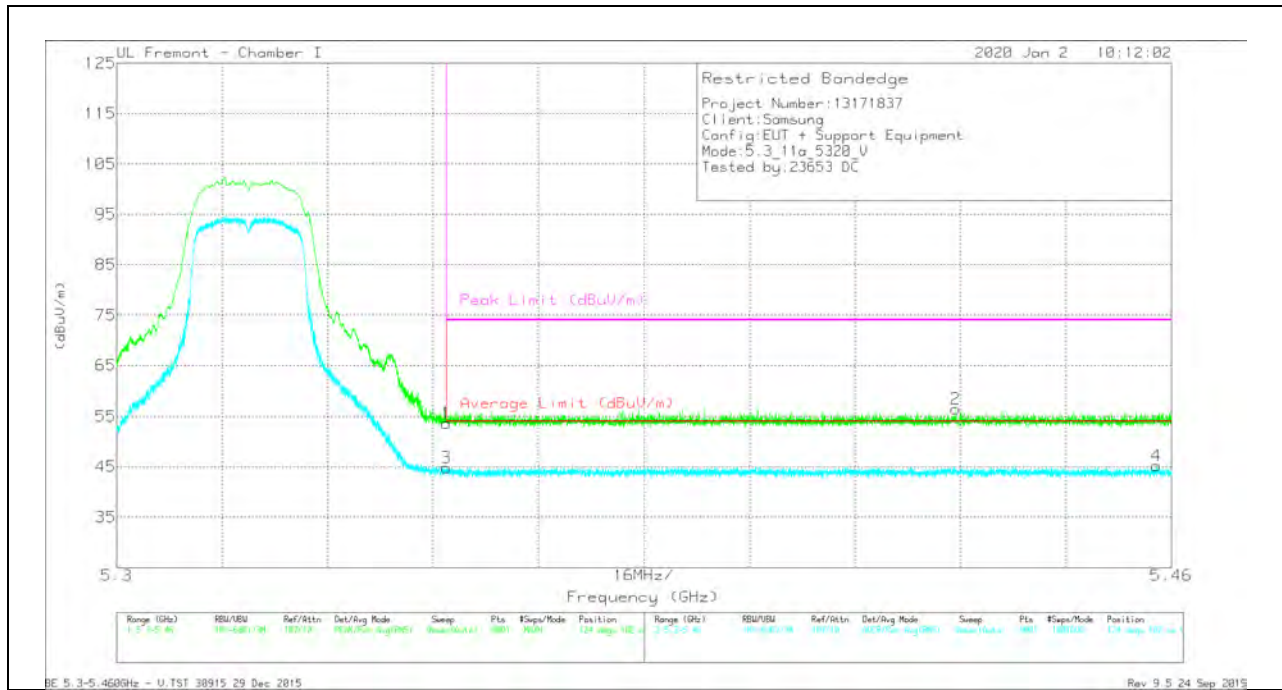
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.35001	36.34	Pk	34.6	-16.2	0	54.74	-	-	74	-19.26	175	132	H
2	*5.35028	38.63	Pk	34.6	-16.2	0	57.03	-	-	74	-16.97	175	132	H
3	*5.35001	26.22	RMS	34.6	-16.2	.34	44.96	54	-9.04	-	-	175	132	H
4	*5.35061	26.66	RMS	34.6	-16.1	.34	45.5	54	-8.5	-	-	175	132	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/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	*5.35001	35.26	Pk	34.6	-16.2	0	53.66	-	-	74	-20.34	124	102	V
2	*5.42733	37.63	Pk	34.8	-15.9	0	56.53	-	-	74	-17.47	124	102	V
3	*5.35001	26.08	RMS	34.6	-16.2	.34	44.82	54	-9.18	-	-	124	102	V
4	*5.45773	25.77	RMS	34.9	-15.8	.34	45.21	54	-8.79	-	-	124	102	V

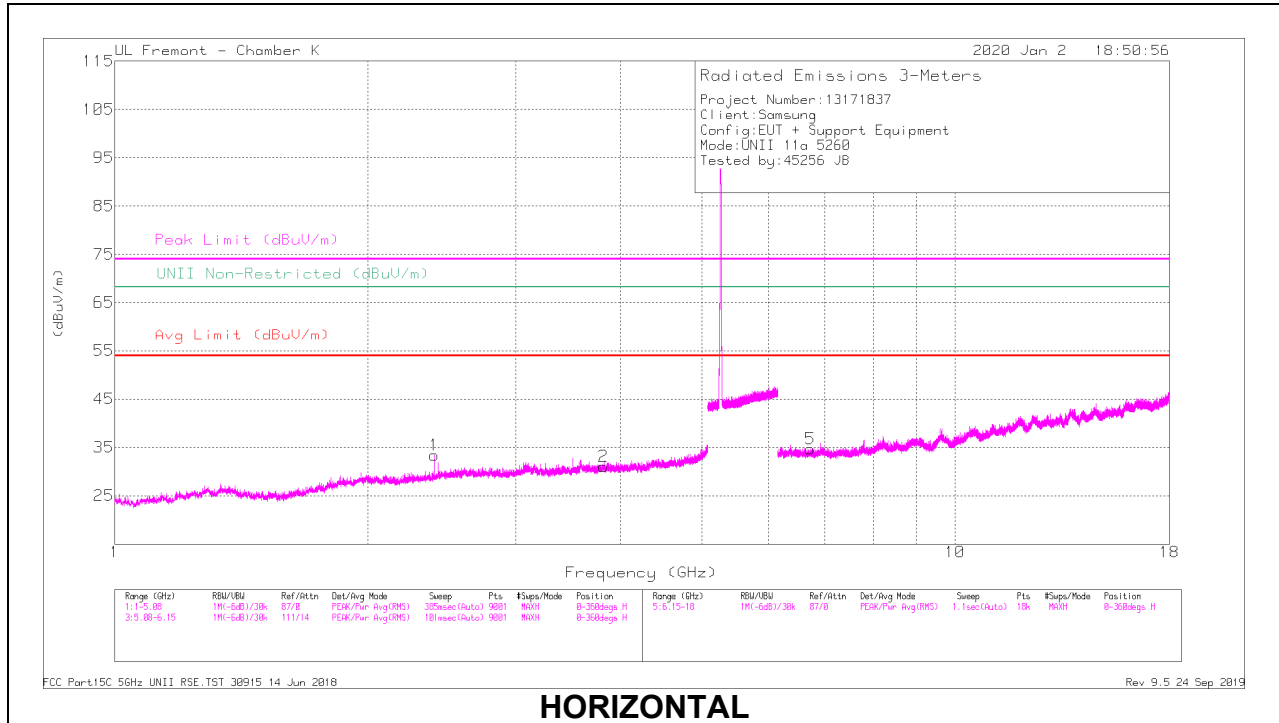
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

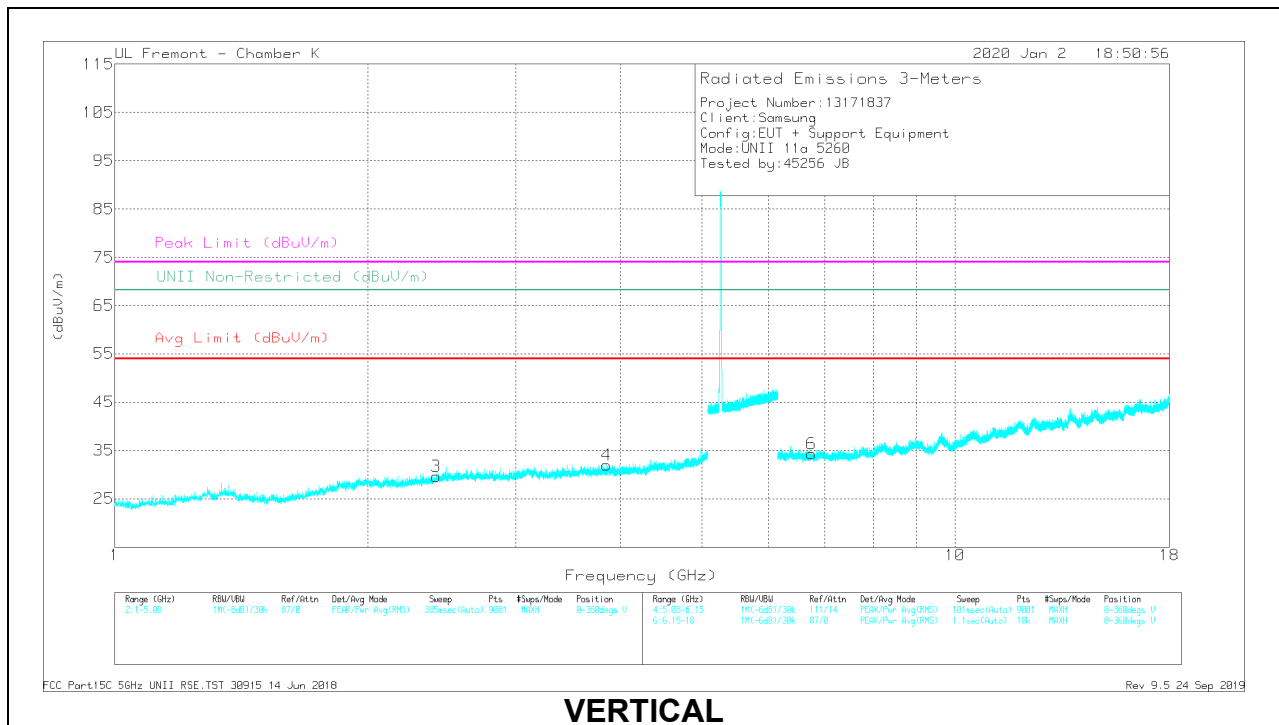
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

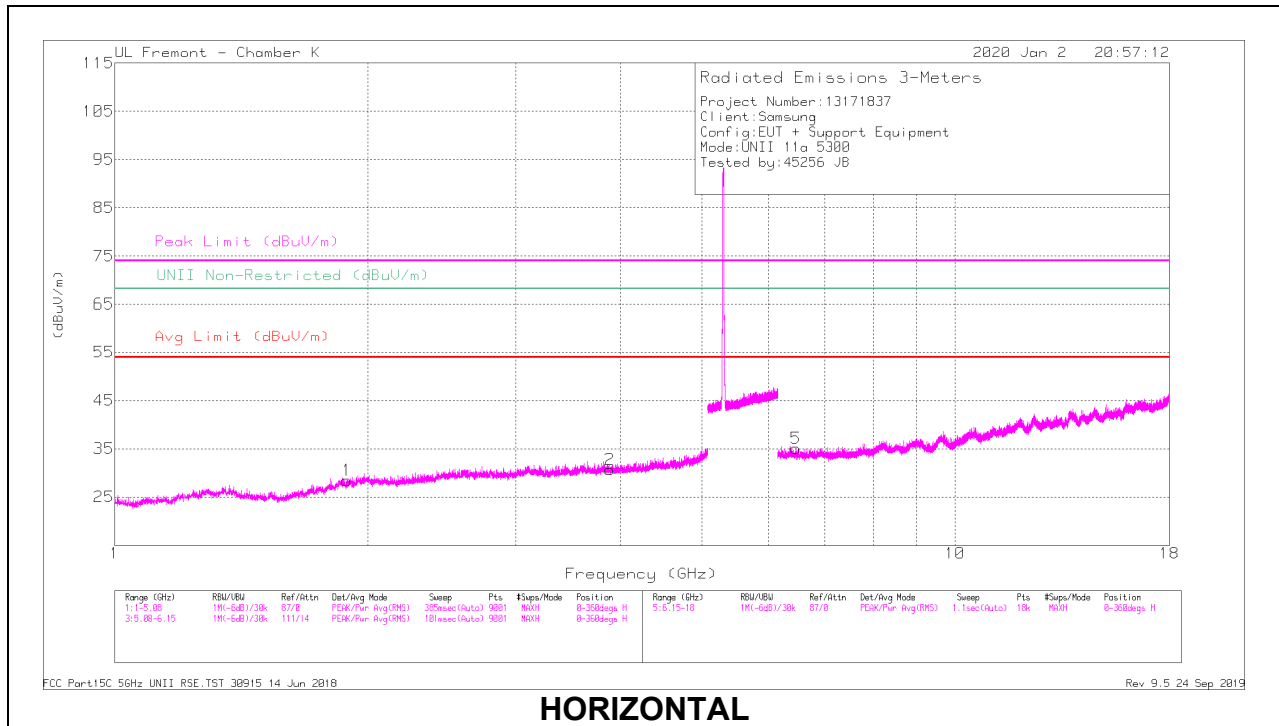
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.81929	37.76	PK-U	33.4	-31.7	0	39.46	-	-	74	-34.54	-	-	26	334	H
	* 3.81947	27.91	ADR	33.4	-31.7	.34	29.95	54	-24.05	-	-	-	-	26	334	H
1	2.40262	41.5	PK-U	31.9	-35	0	38.4	-	-	-	-	68.2	-29.8	326	342	H
4	* 3.85087	37.51	PK-U	33.4	-31.7	0	39.21	-	-	74	-34.79	-	-	304	291	V
	* 3.84856	27.03	ADR	33.4	-31.7	.34	29.07	54	-24.93	-	-	-	-	304	291	V
3	2.41305	40.68	PK-U	32	-34.9	0	37.78	-	-	-	-	68.2	-30.42	208	188	V
5	6.72903	33.9	PK-U	35.8	-26.9	0	42.8	-	-	-	-	68.2	-25.4	302	111	H
6	6.75579	33.61	PK-U	35.7	-27	0	42.31	-	-	-	-	68.2	-25.89	70	274	V

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

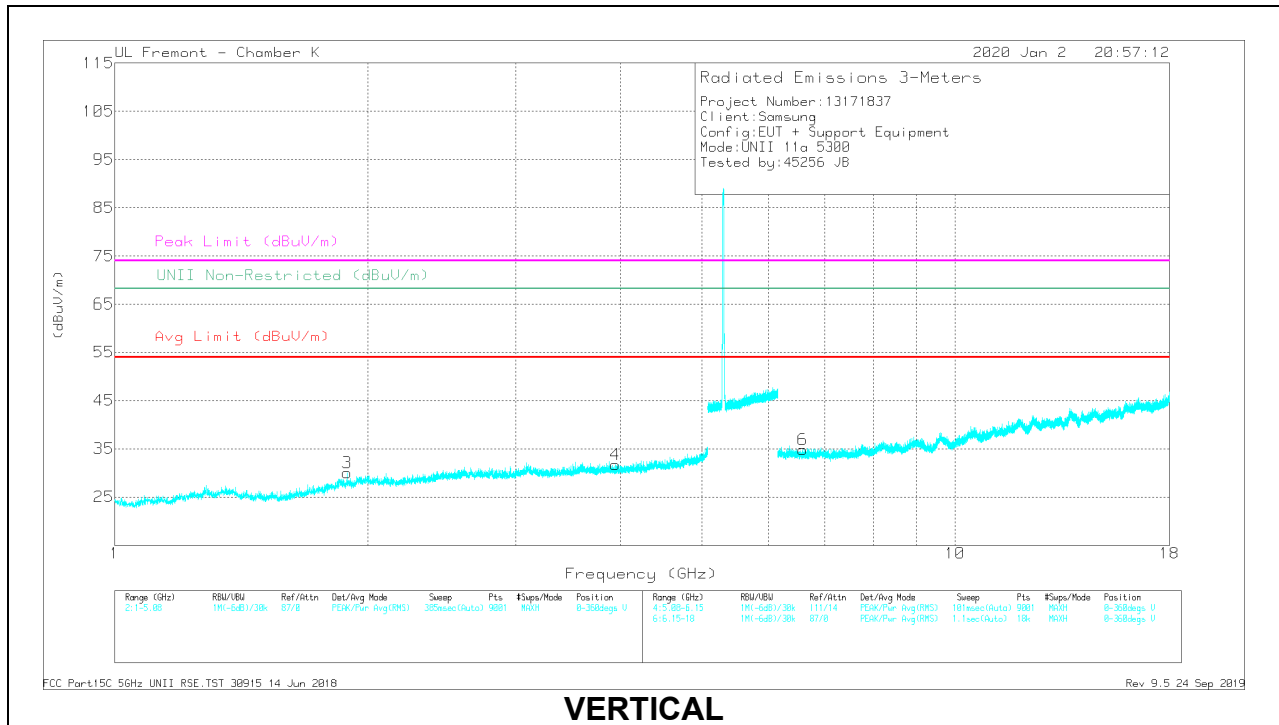
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

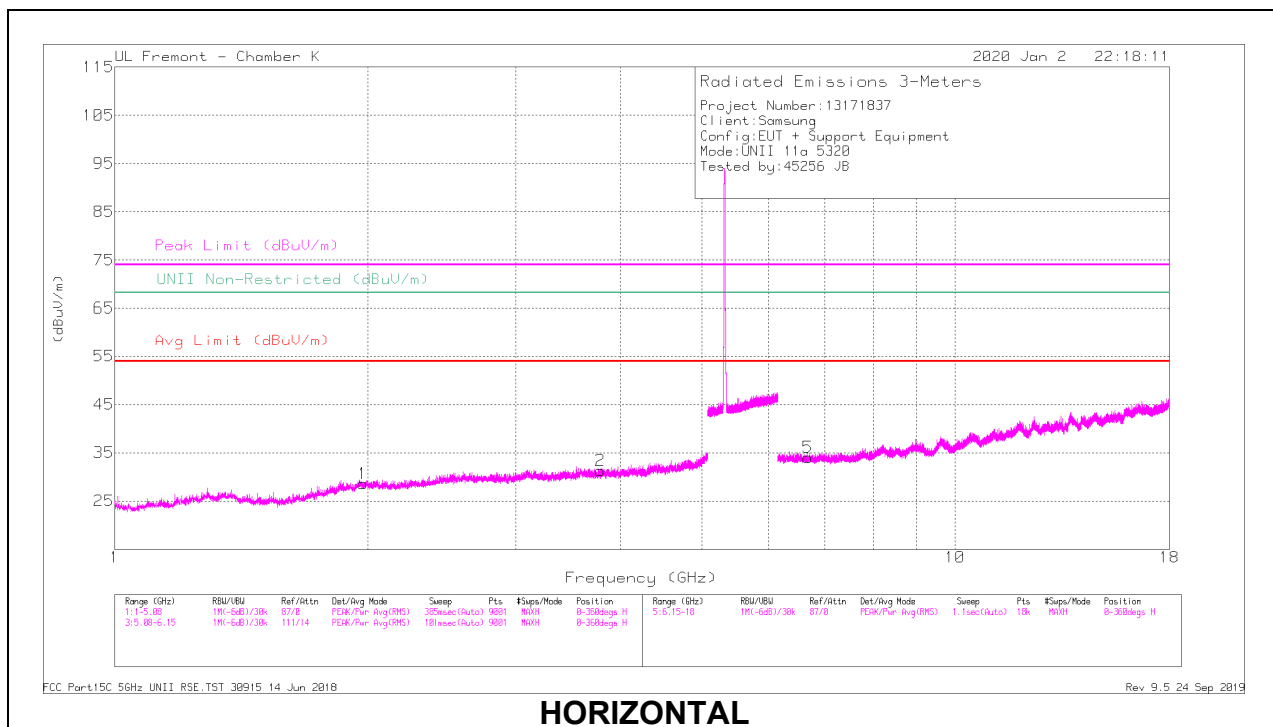
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.88144	38.19	PK-U	33.4	-31.8	0	39.79	-	-	74	-34.21	-	-	32	355	H
	* 3.88429	27.35	ADR	33.4	-31.7	.34	29.39	54	-24.61	-	-	-	-	32	355	H
1	1.88815	40.7	PK-U	31.1	-35.2	0	36.6	-	-	-	-	68.2	-31.6	349	112	H
4	* 3.94578	37.81	PK-U	33.4	-31.4	0	39.81	-	-	74	-34.19	-	-	93	217	V
	* 3.94747	26.7	ADR	33.4	-31.4	.34	29.04	54	-24.96	-	-	-	-	93	217	V
3	1.89386	40.42	PK-U	30.9	-35.2	0	36.12	-	-	-	-	68.2	-32.08	65	292	V
5	6.47068	34.14	PK-U	35.8	-27.3	0	42.64	-	-	-	-	68.2	-25.56	48	185	H
6	6.59486	33.7	PK-U	35.7	-27.1	0	42.3	-	-	-	-	68.2	-25.9	313	161	V

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

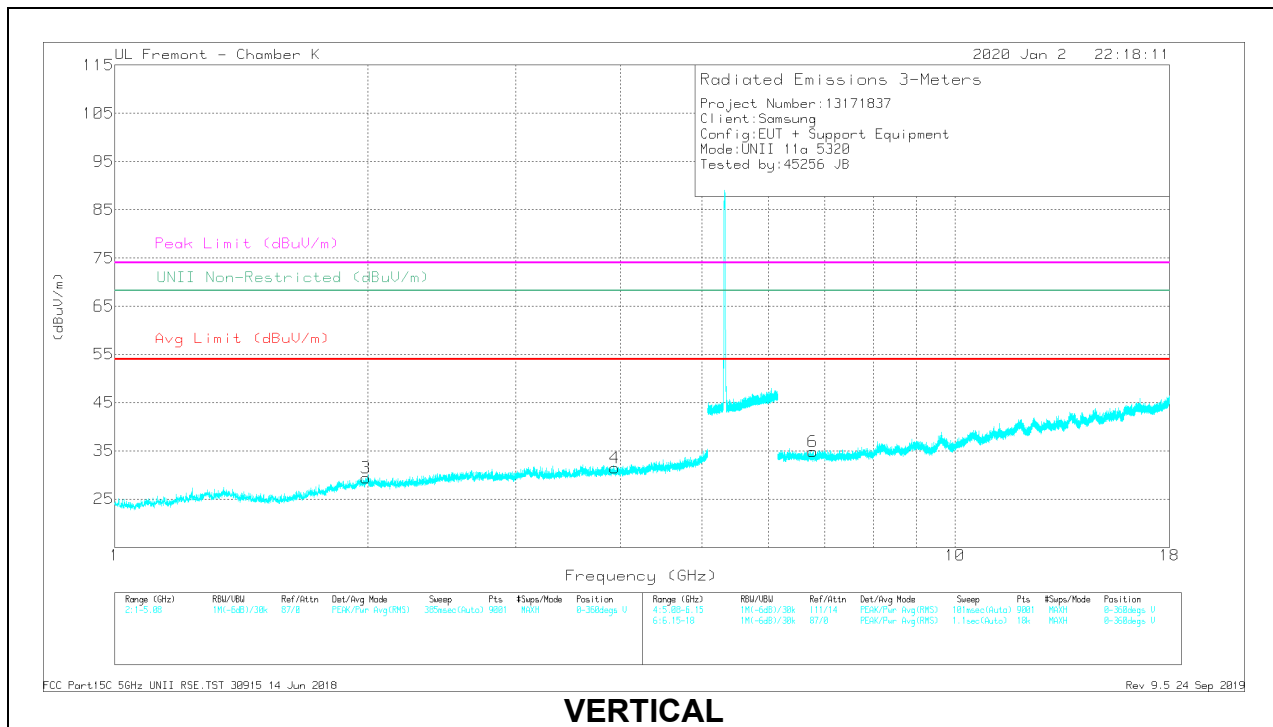
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filtr/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	* 3.78543	37.68	PK-U	33.4	-31.9	0	39.18	-	-	74	-34.82	-	-	188	131	H
	* 3.78676	28.05	ADR	33.3	-31.8	.34	29.89	54	-24.11	-	-	-	-	188	131	H
1	1.97438	41.18	PK-U	31.6	-35.2	0	37.58	-	-	-	-	68.2	-30.62	355	308	H
4	* 3.93482	37.84	PK-U	33.3	-31.5	0	39.64	-	-	74	-34.36	-	-	226	304	V
	* 3.93328	27.22	ADR	33.4	-31.5	.34	29.46	54	-24.54	-	-	-	-	226	304	V
3	1.99017	40.91	PK-U	31.6	-35.2	0	37.31	-	-	-	-	68.2	-30.89	181	249	V
5	6.67848	34.68	PK-U	35.7	-27.1	0	43.28	-	-	-	-	68.2	-24.92	89	234	H
6	6.77053	34.85	PK-U	35.7	-27	0	43.55	-	-	-	-	68.2	-24.65	242	192	V

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

PK-U - U-NII: Maximum Peak

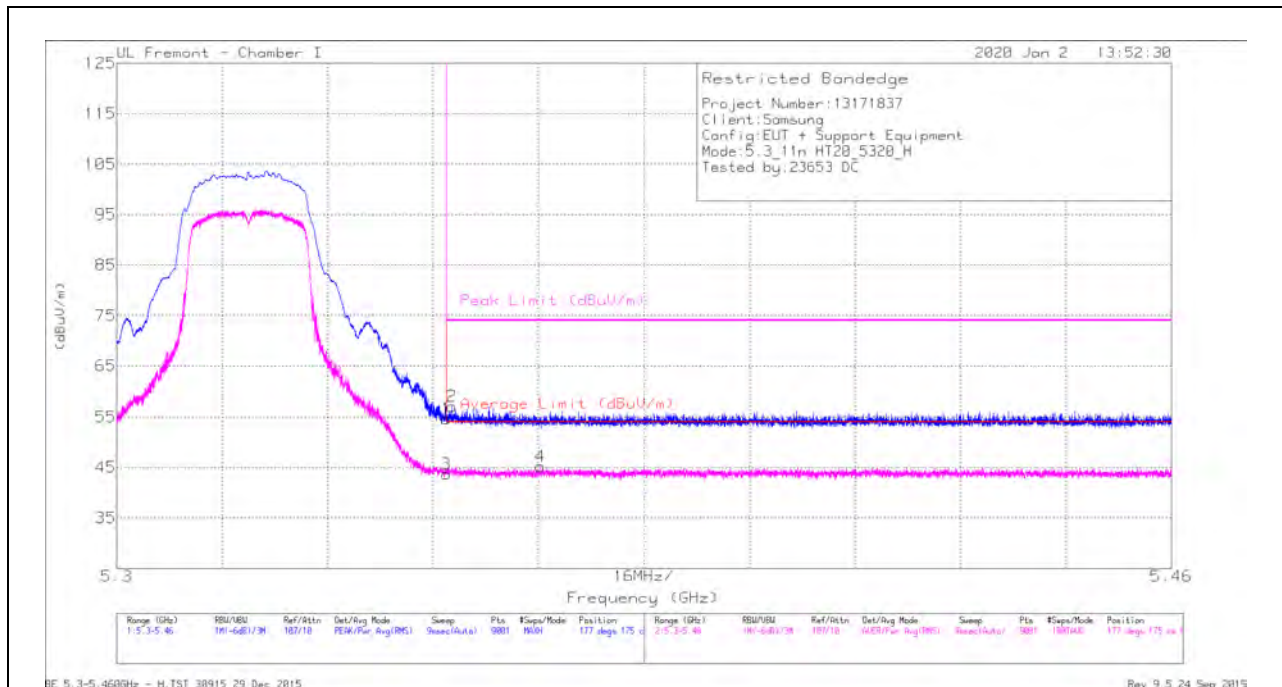
ADR - U-NII AD primary method, RMS average

9.1.6. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.3 GHz BAND

1TX CHAIN 0 MODE

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

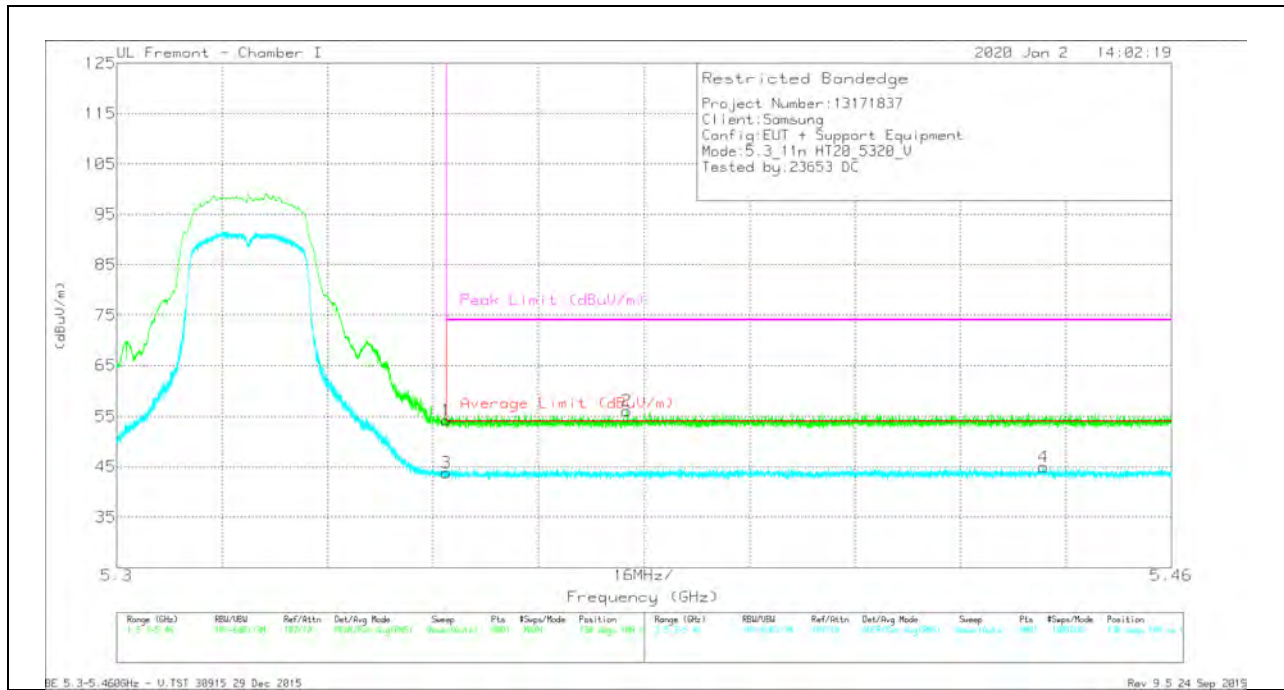
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb1/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.35001	36.29	Pk	34.6	-16.2	0	54.69	-	-	74	-19.31	177	175	H
2	*5.35083	38.63	Pk	34.6	-16.1	0	57.13	-	-	74	-16.87	177	175	H
3	*5.35001	25.01	RMS	34.6	-16.2	.35	43.76	54	-10.24	-	-	177	175	H
4	*5.36427	26.38	RMS	34.6	-16.1	.35	45.23	54	-8.77	-	-	177	175	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/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	*5.35001	35.87	Pk	34.6	-16.2	0	54.27	-	-	74	-19.73	130	108	V
2	*5.37742	37.57	Pk	34.6	-16	0	56.17	-	-	74	-17.83	130	108	V
3	*5.35001	25.05	RMS	34.6	-16.2	.35	43.8	54	-10.2	-	-	130	108	V
4	*5.44064	25.53	RMS	34.9	-15.8	.35	44.98	54	-9.02	-	-	130	108	V

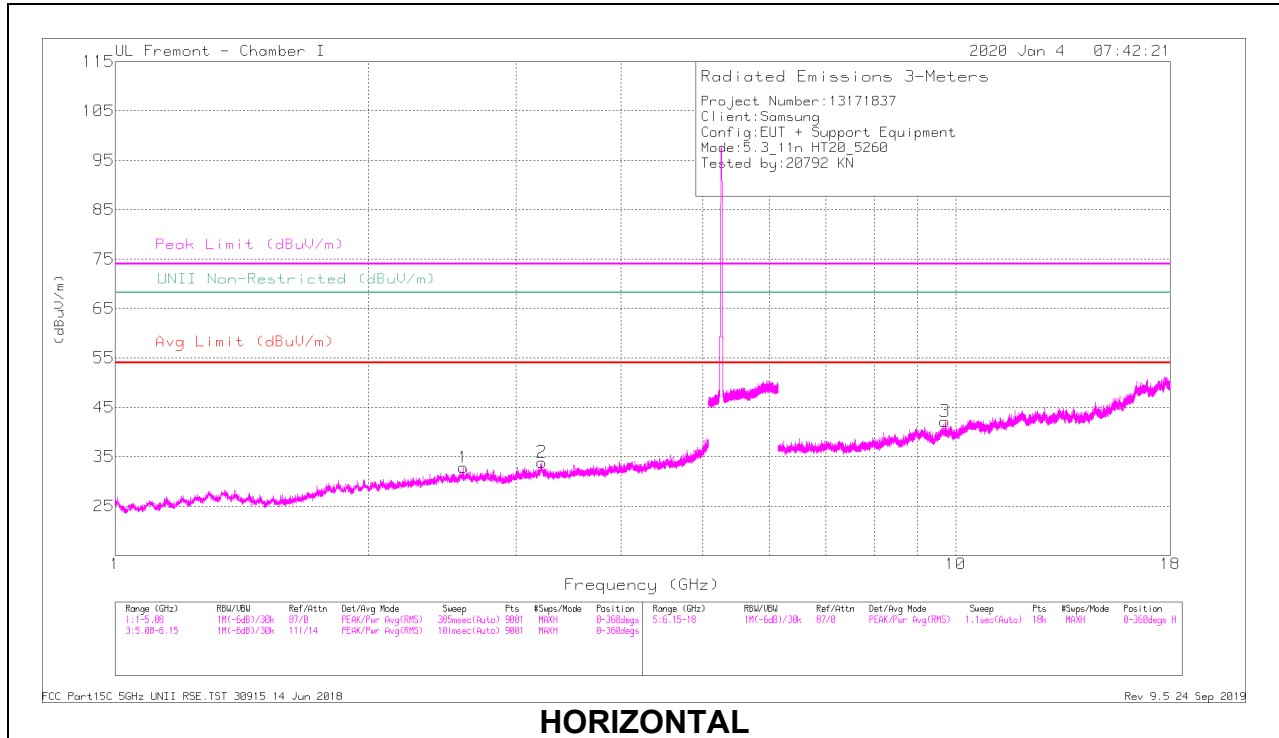
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

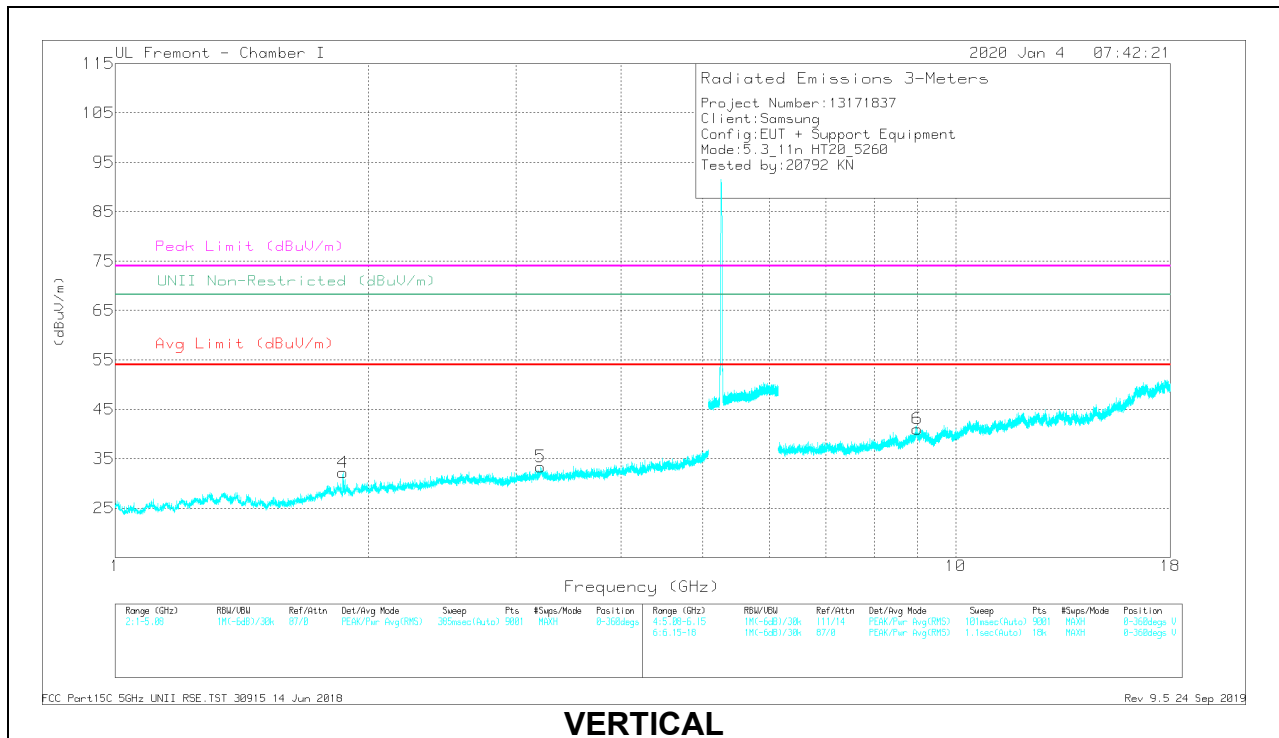
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

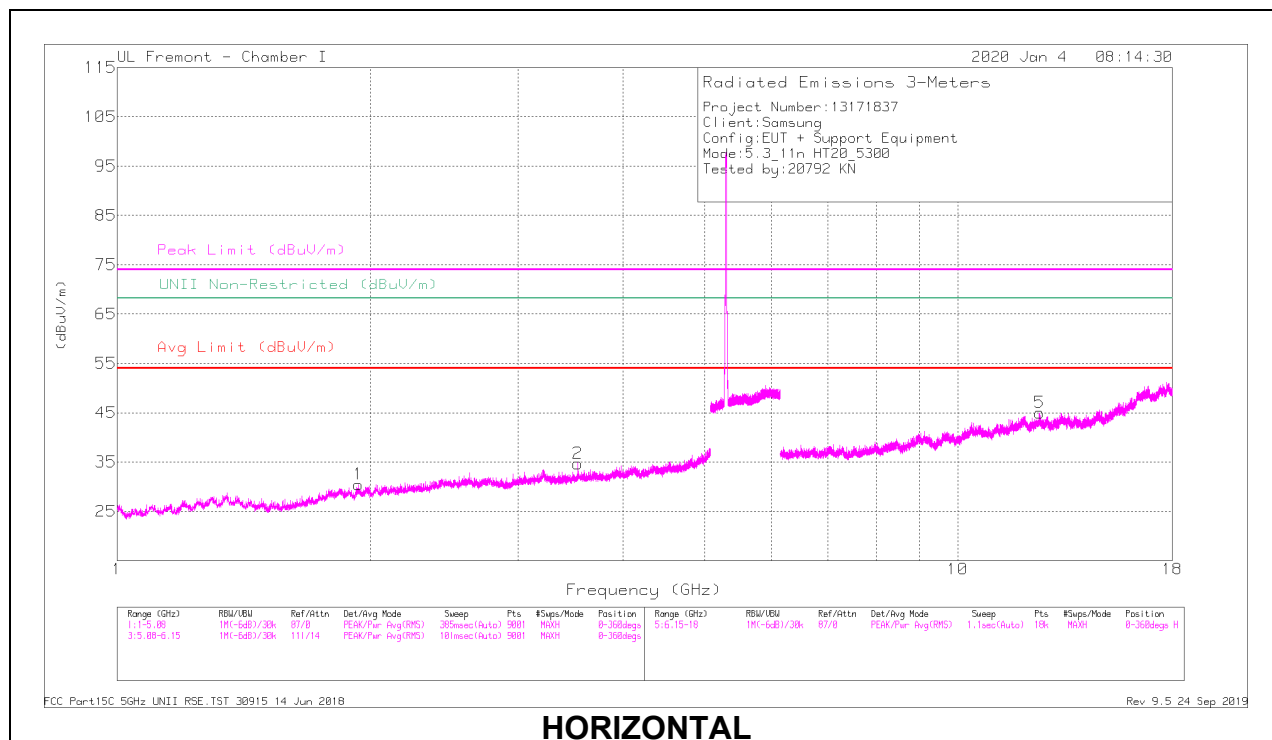
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.59474	35.42	PK-U	32.6	-29.4	0	38.62	-	-	-	-	68.2	-29.58	167	209	H
2	3.21836	34.71	PK-U	33.4	-28.2	0	39.91	-	-	-	-	68.2	-28.29	108	246	H
4	1.86987	36.24	PK-U	30.8	-31	0	36.04	-	-	-	-	68.2	-32.16	324	100	V
5	3.20137	36.59	PK-U	33.2	-28.1	0	41.69	-	-	-	-	68.2	-26.51	100	191	V
3	9.70441	28.03	PK-U	36.8	-16.5	0	48.33	-	-	-	-	68.2	-19.87	335	143	H
6	*9.0024	31.35	PK-U	36.2	-17.9	0	49.65	-	-	-	-	68.2	-18.55	178	201	V
	*9.09042	19.68	ADR	36.3	-17.4	.35	38.93	54	-15.07	-	-	-	-	178	201	V

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

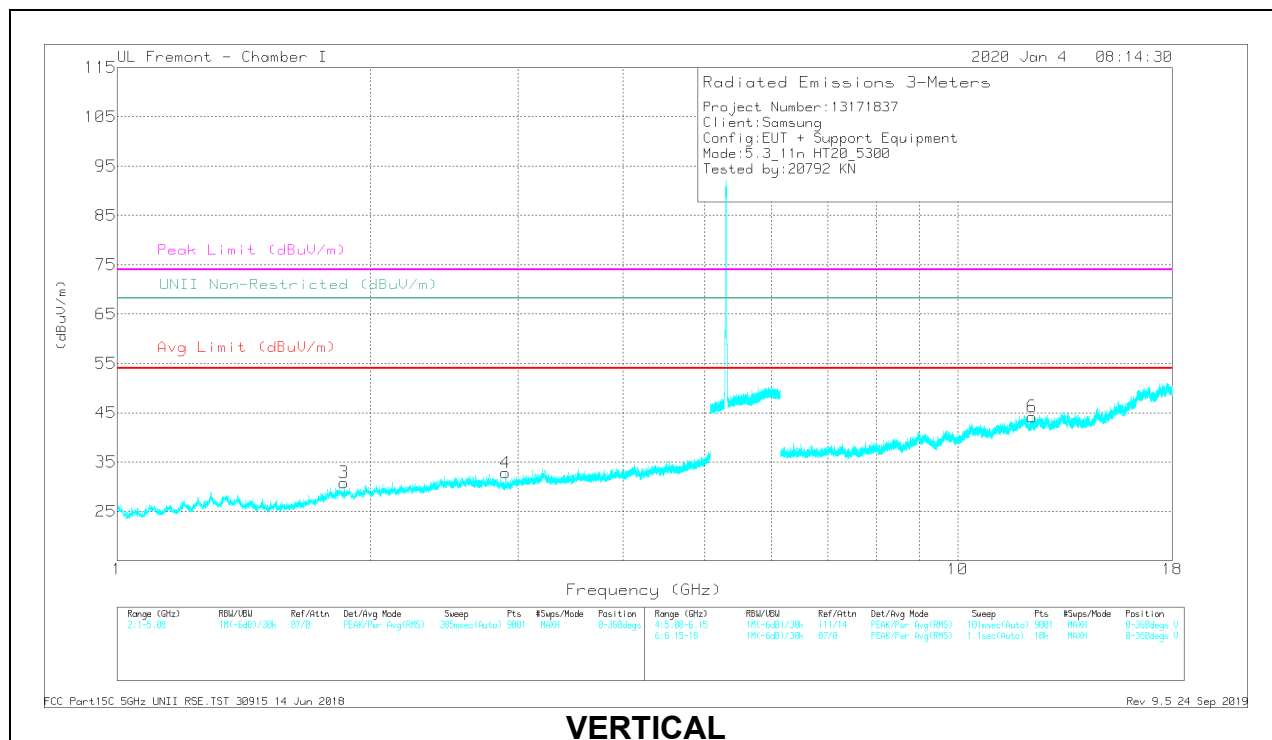
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

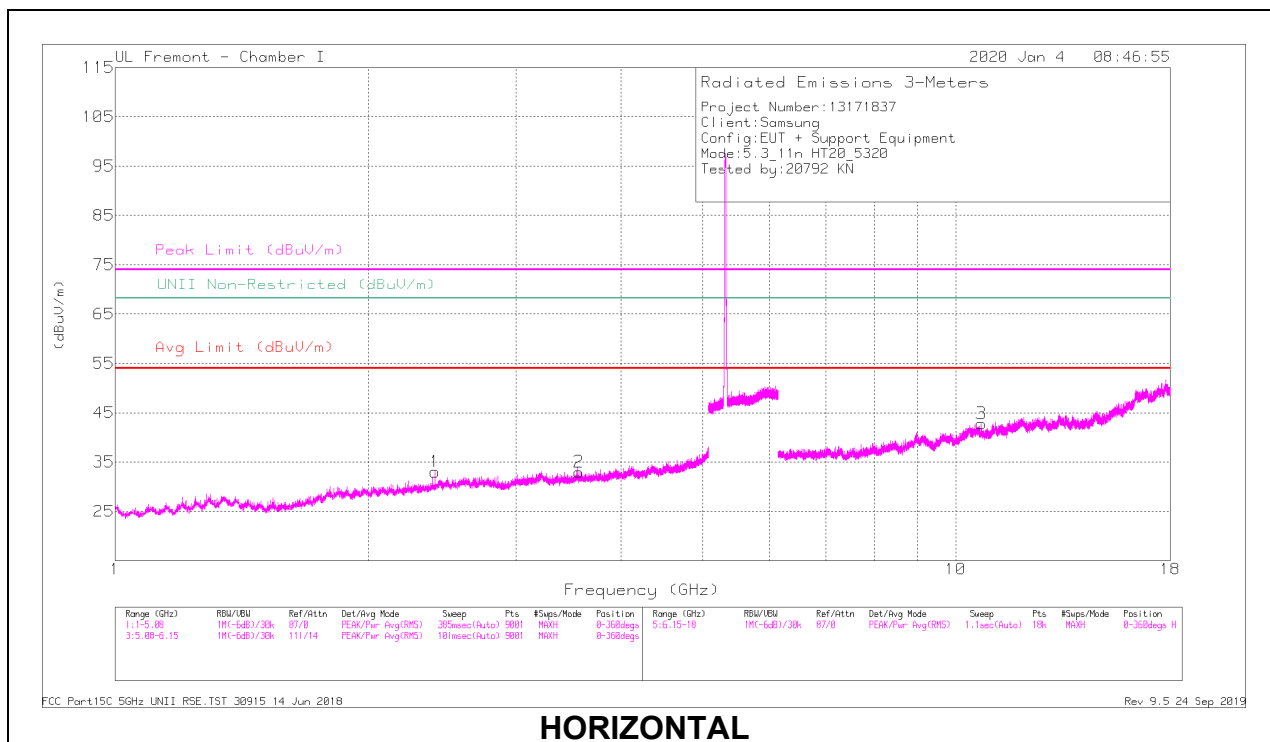
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.53324	36.62	PK-U	32.9	-27.8	0	41.72	-	-	74	-32.28	-	-	65	151	H
	* 3.53334	27.54	ADR	32.9	-27.8	.35	32.99	54	-21.01	-	-	-	-	65	151	H
1	1.93565	37.84	PK-U	30.7	-30.9	0	37.64	-	-	-	-	68.2	-30.56	222	194	H
4	* 2.89555	36.19	PK-U	31.8	-29.7	0	38.29	-	-	74	-35.71	-	-	261	169	V
	* 2.89359	26.36	ADR	31.8	-29.8	.35	28.71	54	-25.29	-	-	-	-	261	169	V
3	1.86201	36.56	PK-U	30.7	-31.1	0	36.16	-	-	-	-	68.2	-32.04	175	231	V
5	* 12.50586	27.1	PK-U	39.1	-15.3	0	50.9	-	-	74	-23.1	-	-	156	218	H
	* 12.50662	17.71	ADR	39.1	-15.4	.35	41.76	54	-12.24	-	-	-	-	156	218	H
6	* 12.25647	27.21	PK-U	39	-15.2	0	51.01	-	-	74	-22.99	-	-	166	205	V
	* 12.25958	17.06	ADR	39	-15.2	.35	41.21	54	-12.79	-	-	-	-	166	205	V

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

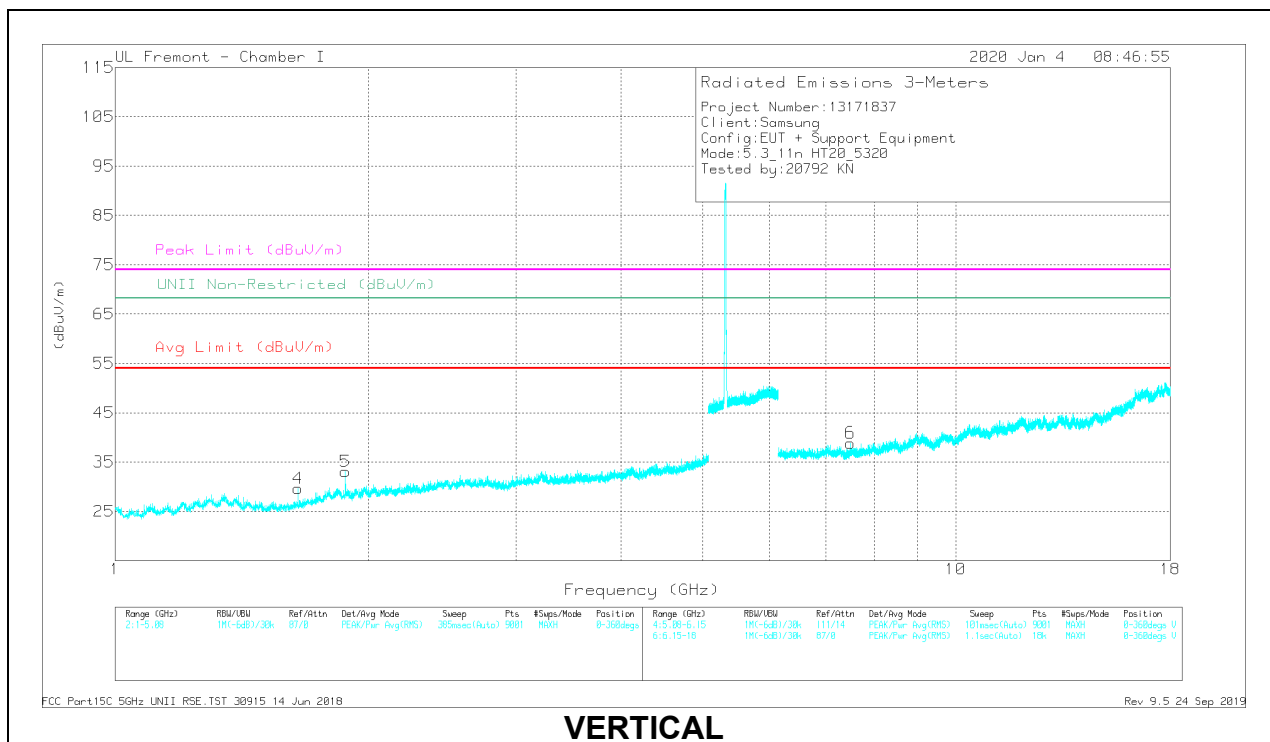
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Fitr/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	* 3.55524	35.66	PK-U	33	-27.8	0	40.86	-	-	74	-33.14	-	-	144	200	H
	* 3.56024	24.63	ADR	33	-27.9	.35	30.08	54	-23.92	-	-	-	-	144	200	H
1	2.3997	36.95	PK-U	31.9	-30.2	0	38.65	-	-	-	-	68.2	-29.55	124	174	H
4	1.65008	37.61	PK-U	28.5	-31.3	0	34.81	-	-	74	-39.19	-	-	195	149	V
5	1.87757	36.98	PK-U	30.7	-31	0	36.68	-	-	-	-	68.2	-31.52	142	286	V
3	* 10.7242	27.82	PK-U	37.9	-16.2	0	49.52	-	-	74	-24.48	-	-	182	187	H
	* 10.72591	16.75	ADR	37.9	-16	.35	39	54	-15	-	-	-	-	182	187	H
6	* 7.48908	29.75	PK-U	35.5	-19	0	46.25	-	-	74	-27.75	-	-	285	130	V
	* 7.48796	18.7	ADR	35.5	-19.1	.35	35.45	54	-18.55	-	-	-	-	285	130	V

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

PK-U - U-NII: Maximum Peak

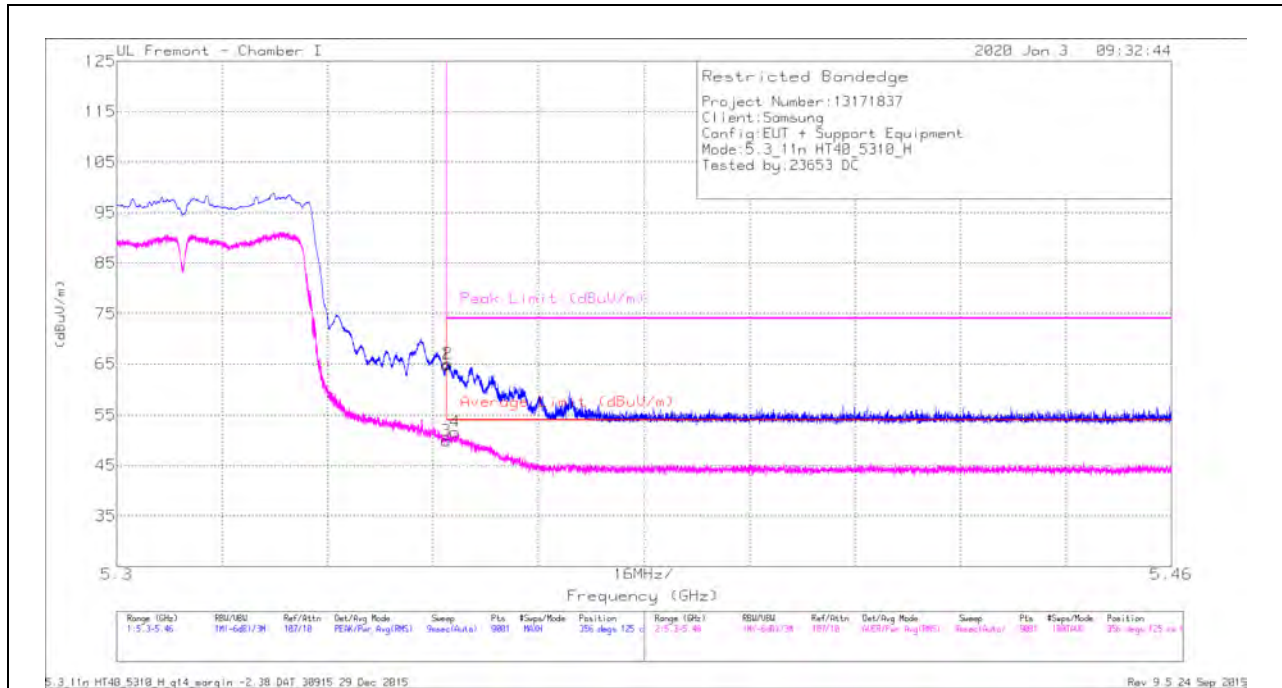
ADR - U-NII AD primary method, RMS average

9.1.7. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.3 GHz BAND

1TX CHAIN 0 MODE

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

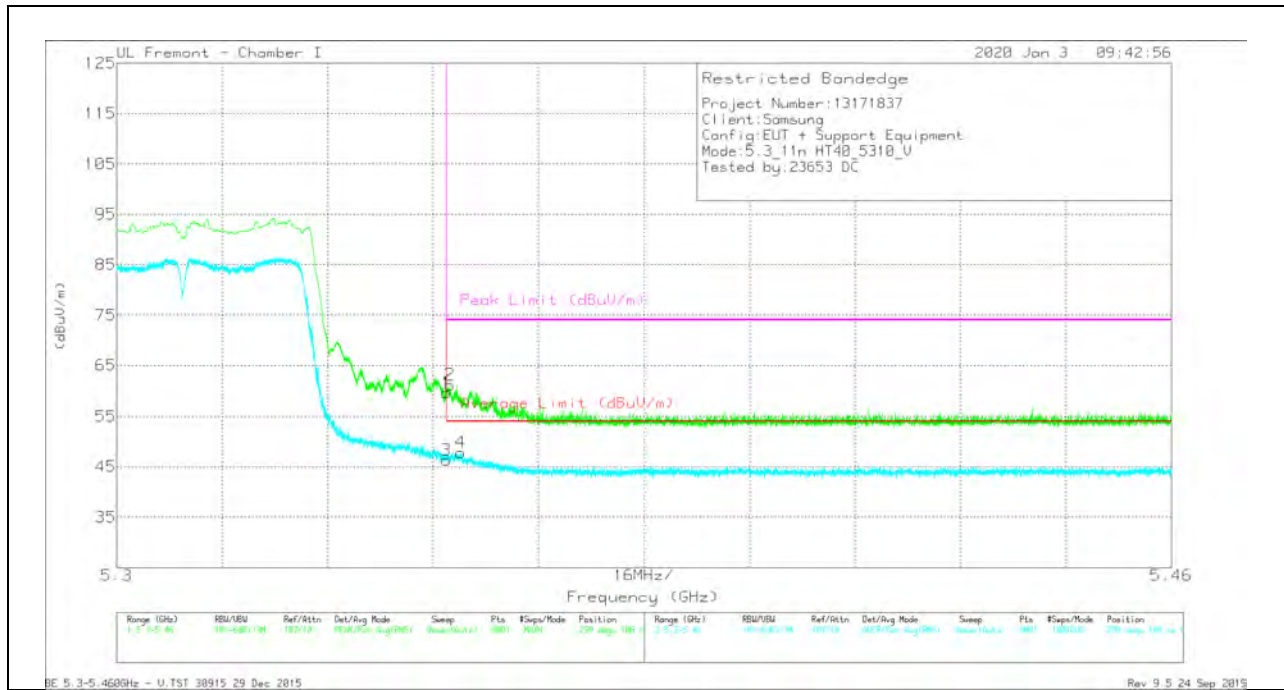
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.35001	46.44	Pk	34.6	-16.2	0	64.84	-	-	74	-9.16	356	125	H
2	*5.35021	46.68	Pk	34.6	-16.2	0	65.08	-	-	74	-8.92	356	125	H
3	*5.35001	30.92	RMS	34.6	-16.2	.61	49.93	54	-4.07	-	-	356	125	H
4	*5.35134	32.51	RMS	34.6	-16.1	.61	51.62	54	-2.38	-	-	356	125	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/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	*5.35001	41.33	Pk	34.6	-16.2	0	59.73	-	-	74	-14.27	299	108	V
2	*5.35054	42.69	Pk	34.6	-16.1	0	61.19	-	-	74	-12.81	299	108	V
3	*5.35001	27.34	RMS	34.6	-16.2	.61	46.35	54	-7.65	-	-	299	108	V
4	*5.35218	28.86	RMS	34.6	-16.2	.61	47.87	54	-6.13	-	-	299	108	V

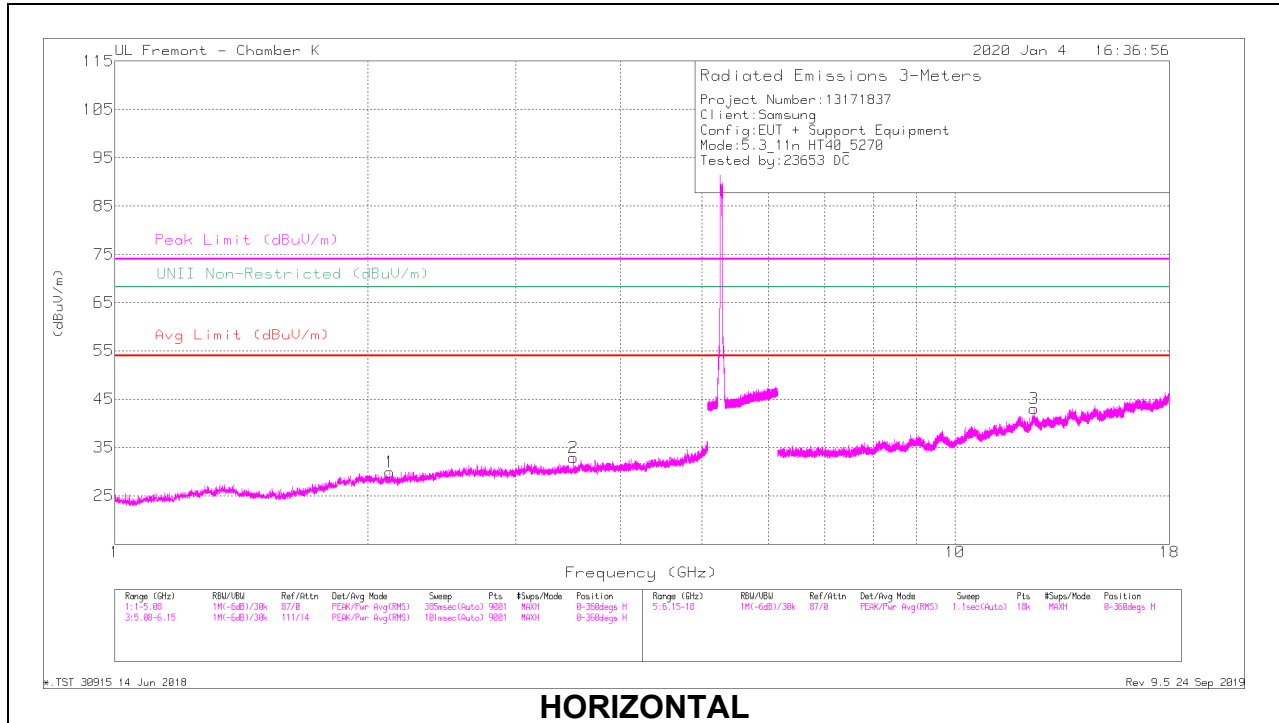
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

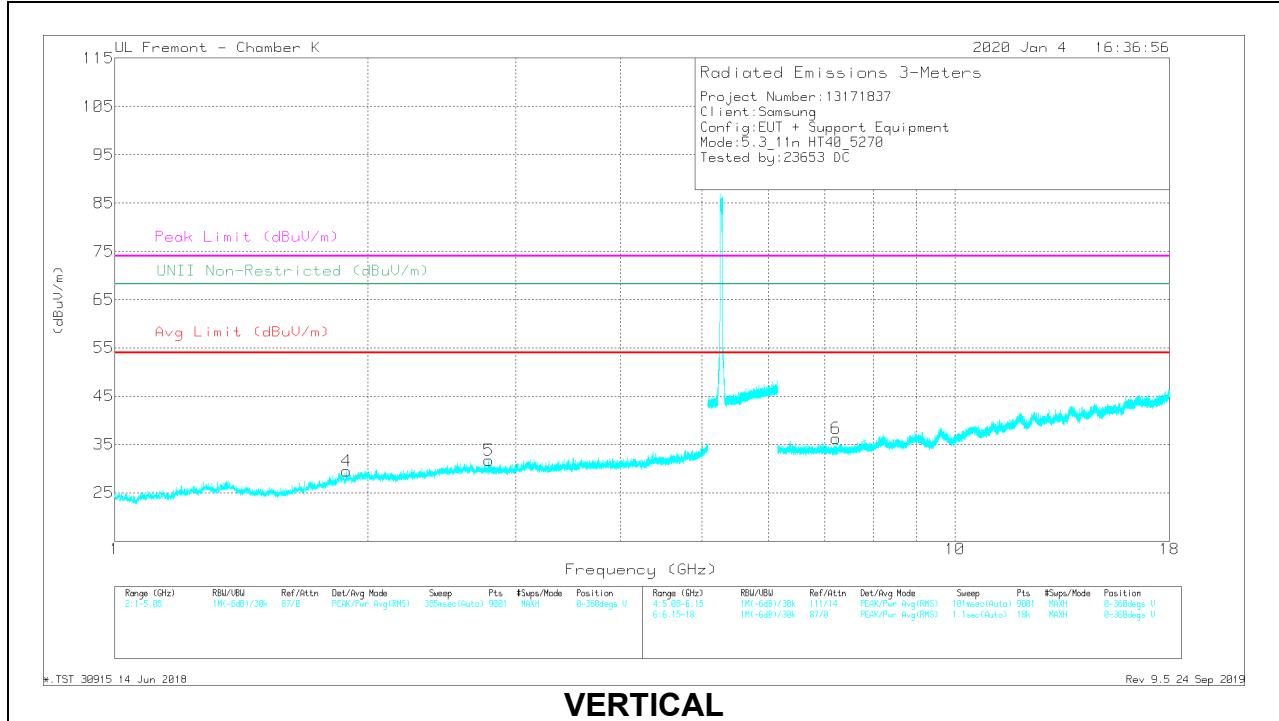
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

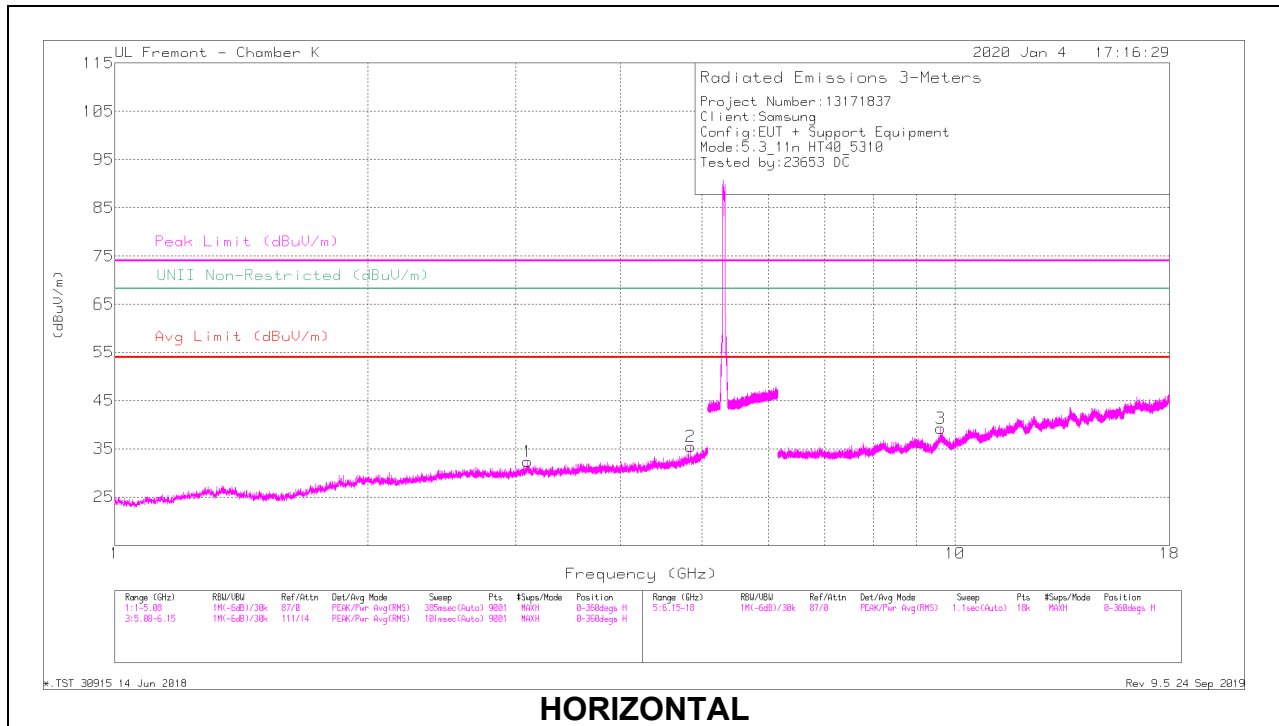
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.12591	41.48	PK-U	31.3	-35.2	0	37.58	-	-	-	-	68.2	-30.62	90	268	H
2	* 3.51327	39.5	PK-U	33	-32.7	0	39.8	-	-	74	-34.2	-	-	185	202	H
	* 3.51335	30.27	ADR	33	-32.7	.61	31.18	54	-22.82	-	-	-	-	185	202	H
4	1.88962	41.26	PK-U	31.1	-35.2	0	37.16	-	-	-	-	68.2	-31.04	95	375	V
5	* 2.78811	40.88	PK-U	32.4	-34.6	0	38.68	-	-	74	-35.32	-	-	23	189	V
	* 2.79176	29.96	ADR	32.4	-34.6	.61	28.37	54	-25.63	-	-	-	-	23	189	V
3	* 12.41745	31.34	PK-U	39	-20.3	0	50.04	-	-	74	-23.96	-	-	41	215	H
	* 12.41922	20.35	ADR	39	-20.3	.61	39.66	54	-14.34	-	-	-	-	41	215	H
6	7.21805	32.86	PK-U	35.7	-26.7	0	41.86	-	-	-	-	68.2	-26.34	274	179	V

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

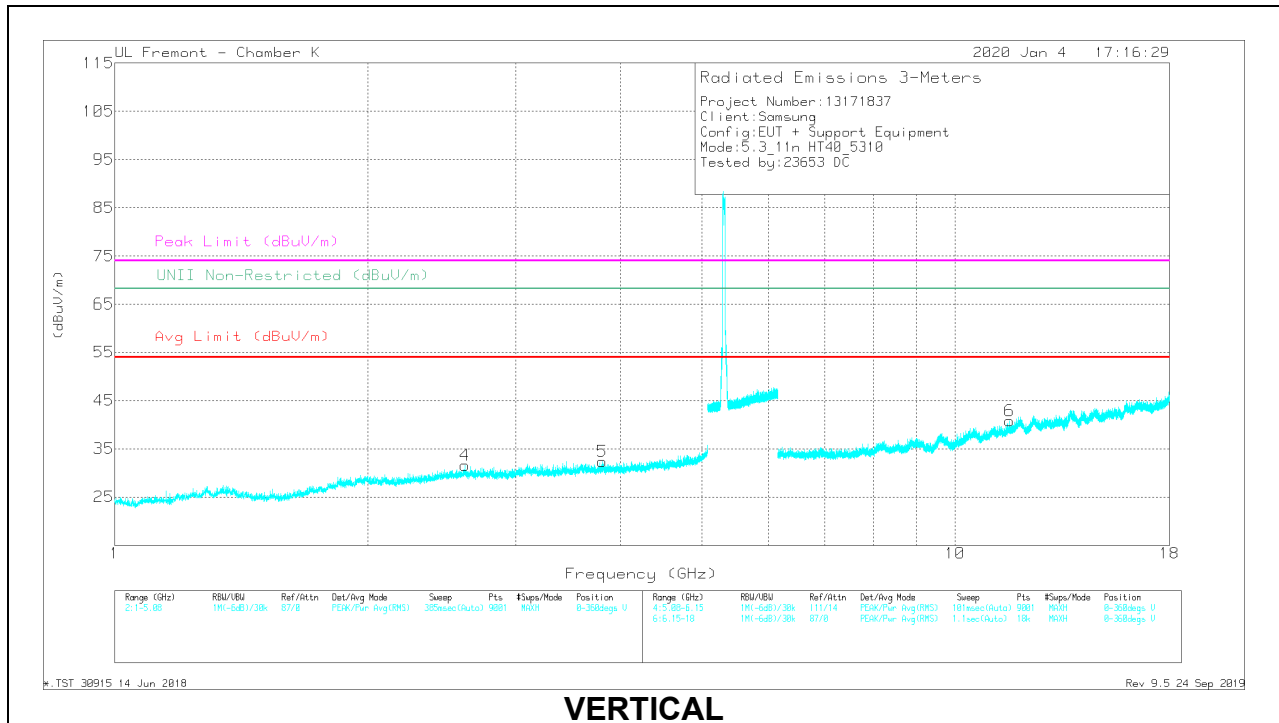
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Fitr/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	3.10135	40.49	PK-U	33.4	-33.9	0	39.99	-	-	-	-	68.2	-28.21	356	202	H
2	* 4.84629	39.49	PK-U	34.2	-29.5	0	44.19	-	-	74	-29.81	-	-	161	127	H
	* 4.84771	28.97	ADR	34.2	-29.5	.61	34.28	54	-19.72	-	-	-	-	161	127	H
4	2.60968	40.72	PK-U	32.6	-34.8	0	38.52	-	-	-	-	68.2	-29.68	118	108	V
5	* 3.80264	37.41	PK-U	33.4	-31.8	0	39.01	-	-	74	-34.99	-	-	233	177	V
	* 3.8031	27.25	ADR	33.4	-31.8	.61	29.46	54	-24.54	-	-	-	-	233	177	V
3	9.61259	31.18	PK-U	37.1	-23.3	0	44.98	-	-	-	-	68.2	-23.22	38	170	H
6	* 11.6107	29.79	PK-U	38.4	-20.7	0	47.49	-	-	74	-26.51	-	-	194	284	V
	* 11.61251	19.82	ADR	38.4	-20.8	.61	38.03	54	-15.97	-	-	-	-	194	284	V

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

PK-U - U-NII: Maximum Peak

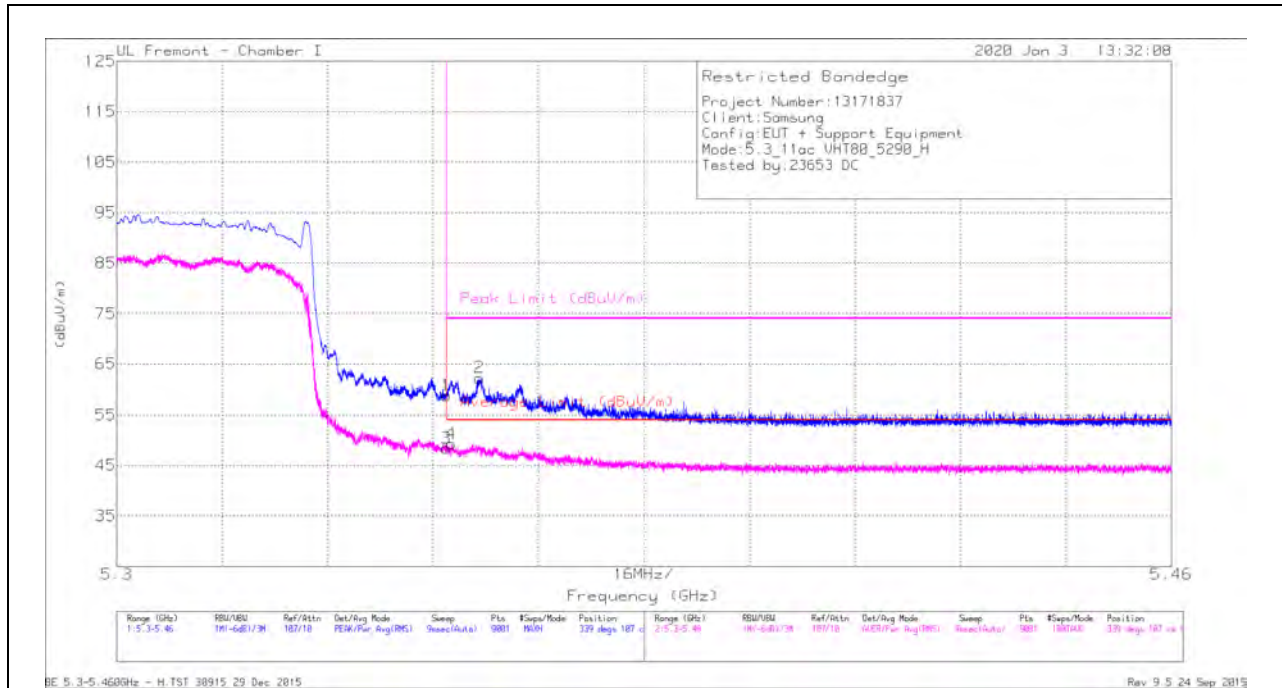
ADR - U-NII AD primary method, RMS average

9.1.8. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.3 GHz BAND

1TX CHAIN 0 MODE

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Trace Markers

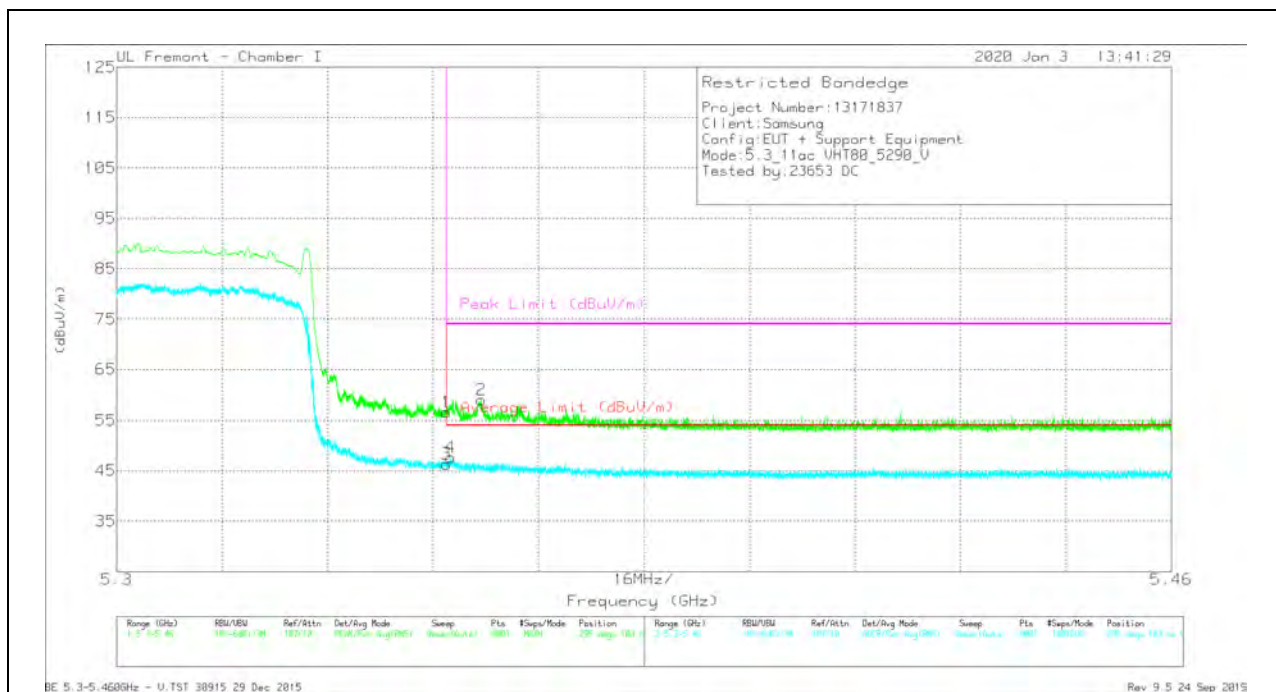
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.35001	40.5	Pk	34.6	-16.2	0	58.9	-	-	74	-15.1	339	107	H
2	*5.35501	43.89	Pk	34.6	-16.2	0	62.29	-	-	74	-11.71	339	107	H
3	*5.35001	28.93	RMS	34.6	-16.2	1.15	48.48	54	-5.52	-	-	339	107	H
4	*5.35077	29.63	RMS	34.6	-16.1	1.15	49.28	54	-4.72	-	-	339	107	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/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	*5.35001	38.2	Pk	34.6	-16.2	0	56.6	-	-	74	-17.4	295	103	V
2	*5.35531	40.75	Pk	34.6	-16.2	0	59.15	-	-	74	-14.85	295	103	V
3	*5.35001	26.83	RMS	34.6	-16.2	1.15	46.38	54	-7.62	-	-	295	103	V
4	*5.3507	28.08	RMS	34.6	-16.1	1.15	47.73	54	-6.27	-	-	295	103	V

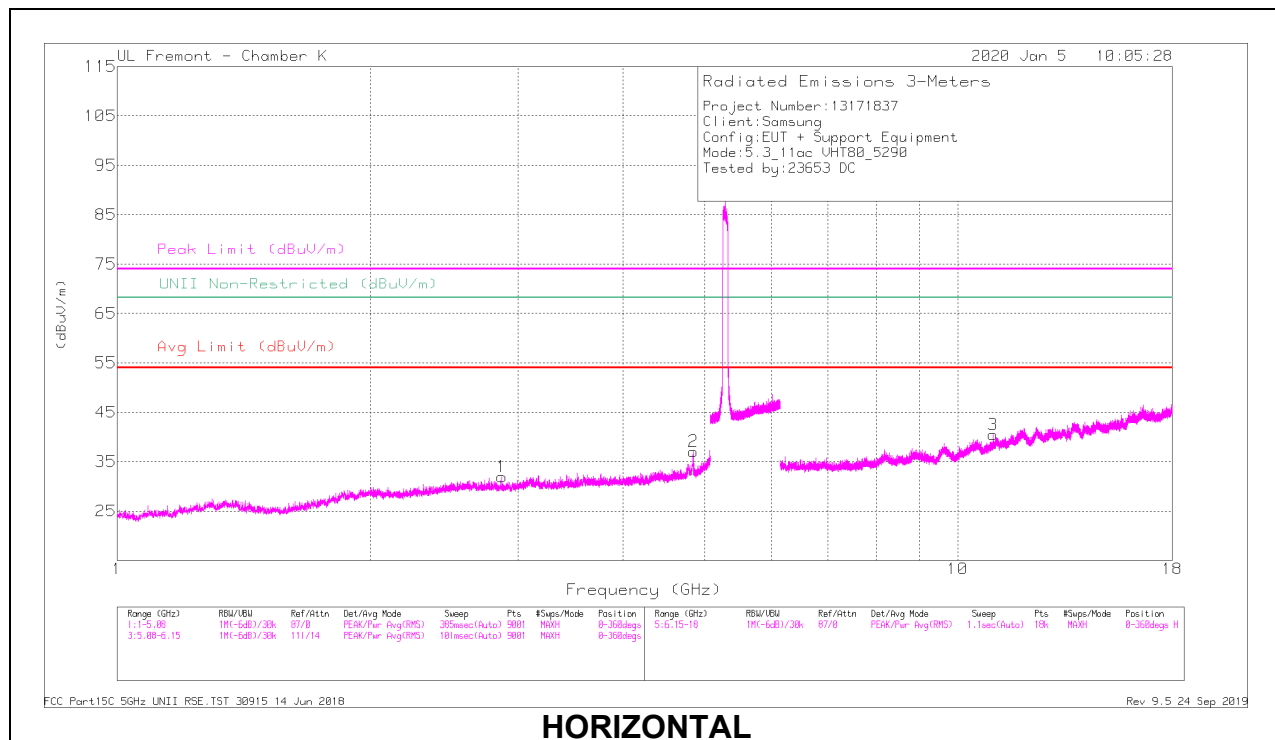
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

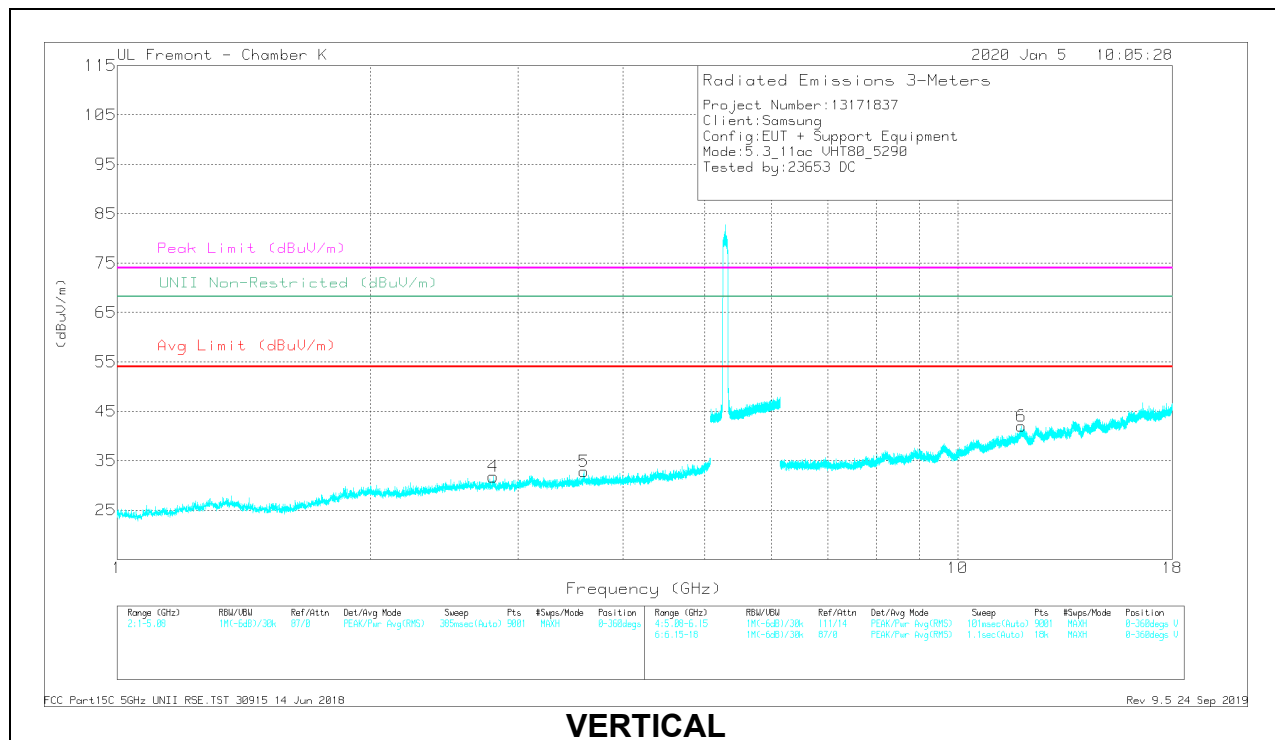
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Fitr/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	* 2.86996	41.26	PK-U	32.4	-34.4	0	39.26	-	-	74	-34.74	-	-	194	219	H
	* 2.87081	30.5	ADR	32.4	-34.4	1.15	29.65	54	-24.35	-	-	-	-	194	219	H
2	* 4.84545	40.08	PK-U	34.2	-29.5	0	44.78	-	-	74	-29.22	-	-	151	134	H
	* 4.84487	30.31	ADR	34.2	-29.5	1.15	36.16	54	-17.84	-	-	-	-	151	134	H
4	* 2.79909	40.28	PK-U	32.4	-34.6	0	38.08	-	-	74	-35.92	-	-	286	202	V
	* 2.79928	30.8	ADR	32.4	-34.6	1.15	29.75	54	-24.25	-	-	-	-	286	202	V
5	* 3.59012	38.51	PK-U	34.2	-32.4	0	40.31	-	-	74	-33.69	-	-	219	287	V
	* 3.58895	28.07	ADR	34.3	-32.4	1.15	31.12	54	-22.88	-	-	-	-	219	287	V
3	* 11.02345	30.44	PK-U	37.9	-22	0	46.34	-	-	74	-27.66	-	-	143	219	H
	* 11.0246	20.56	ADR	37.9	-22	1.15	37.61	54	-16.39	-	-	-	-	143	219	H
6	* 11.89896	29.16	PK-U	38.7	-20.4	0	47.46	-	-	74	-26.54	-	-	209	209	V
	* 11.89901	20.25	ADR	38.7	-20.4	1.15	39.7	54	-14.3	-	-	-	-	209	209	V

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

PK-U - U-NII: Maximum Peak

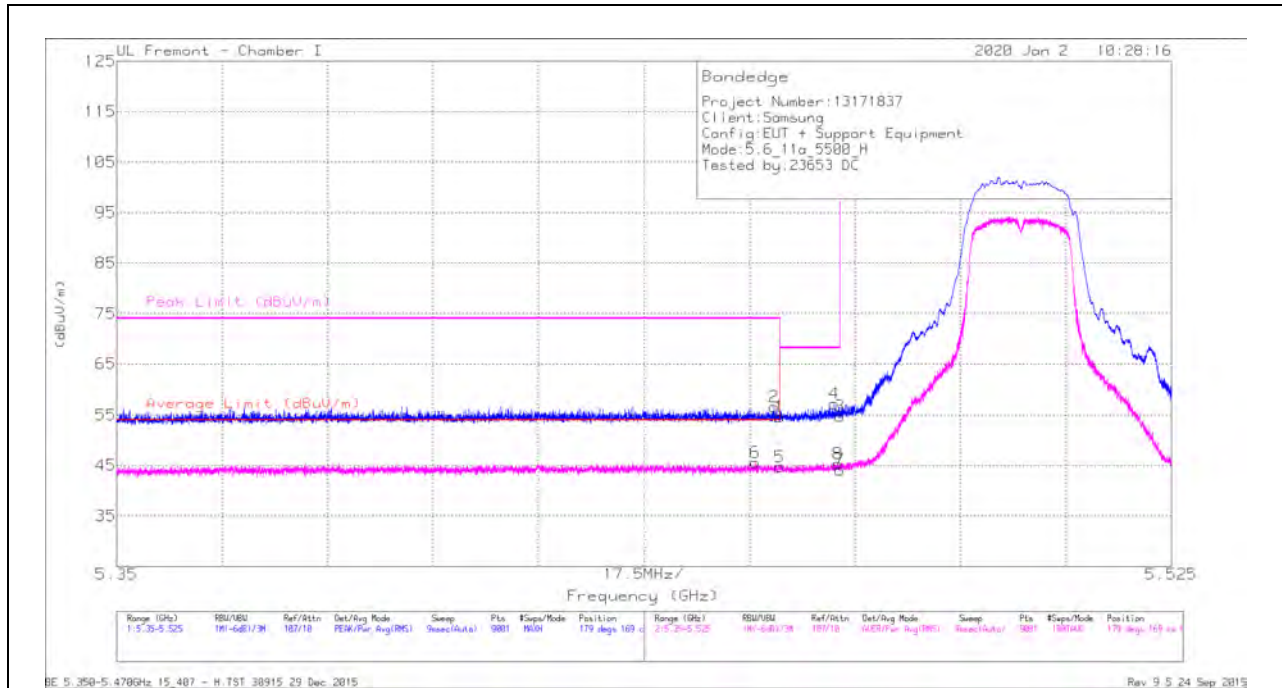
ADR - U-NII AD primary method, RMS average

9.1.9. TX ABOVE 1 GHz 802.11a MODE IN THE 5.6 GHz BAND

1TX CHAIN 0 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

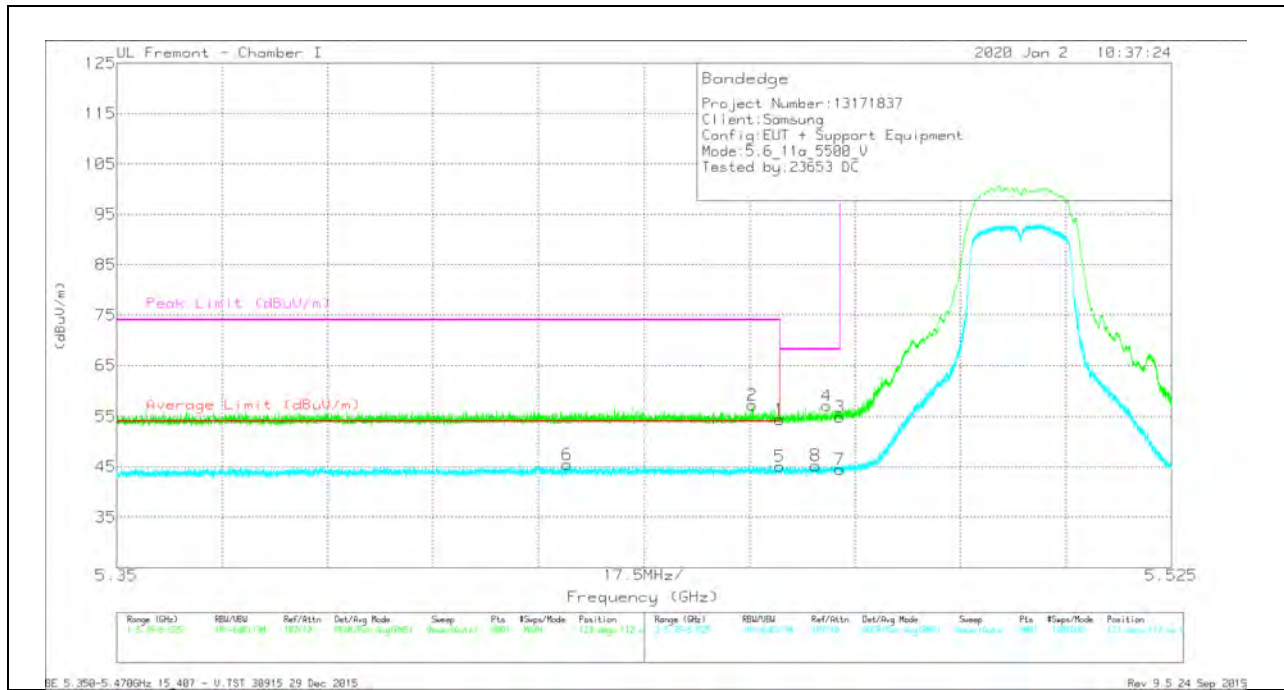
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.45999	35.64	Pk	34.9	-15.9	0	54.64	-	-	74	-19.36	179	169	H
2	*5.4591	37.58	Pk	34.9	-15.8	0	56.68	-	-	74	-17.32	179	169	H
3	5.46999	35.75	Pk	34.9	-15.9	0	54.75	-	-	68.2	-13.45	179	169	H
4	5.46908	38.2	Pk	34.9	-15.9	0	57.2	-	-	68.2	-11	179	169	H
5	*5.45999	25.4	RMS	34.9	-15.9	.34	44.74	54	-9.26	-	-	179	169	H
6	*5.45593	26.1	RMS	34.9	-15.8	.34	45.54	54	-8.46	-	-	179	169	H
7	5.46999	24.81	RMS	34.9	-15.9	.34	44.15	-	-	-	-	179	169	H
8	5.46972	26	RMS	34.9	-15.9	.34	45.34	-	-	-	-	179	169	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/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	*5.45999	35.44	Pk	34.9	-15.9	0	54.44	-	-	74	-19.56	123	112	V
2	*5.45546	38.12	Pk	34.9	-15.8	0	57.22	-	-	74	-16.78	123	112	V
3	5.46999	35.86	Pk	34.9	-15.9	0	54.86	-	-	68.2	-13.34	123	112	V
4	5.46781	38.14	Pk	34.9	-15.9	0	57.14	-	-	68.2	-11.06	123	112	V
5	*5.45999	25.72	RMS	34.9	-15.9	.34	45.06	54	-8.94	-	-	123	112	V
6	*5.4248	26.21	RMS	34.8	-15.9	.34	45.45	54	-8.55	-	-	123	112	V
7	5.46999	25.09	RMS	34.9	-15.9	.34	44.43	-	-	-	-	123	112	V
8	5.46598	25.92	RMS	34.9	-15.9	.34	45.26	-	-	-	-	123	112	V

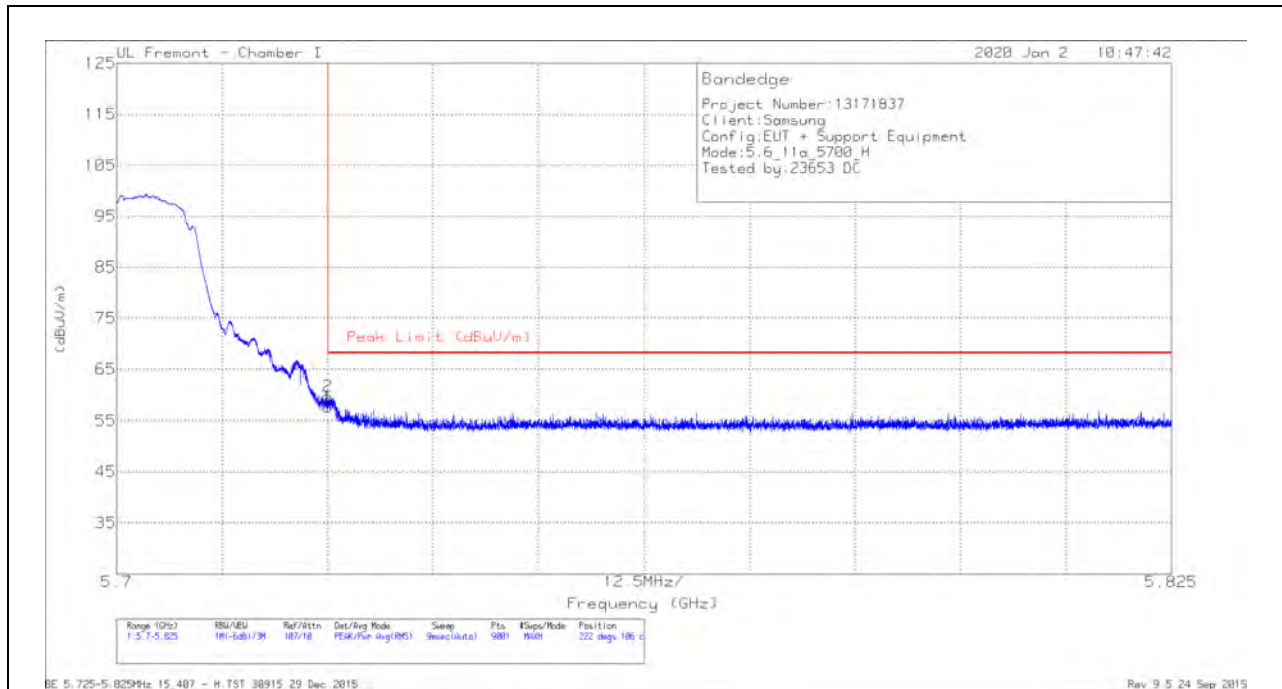
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

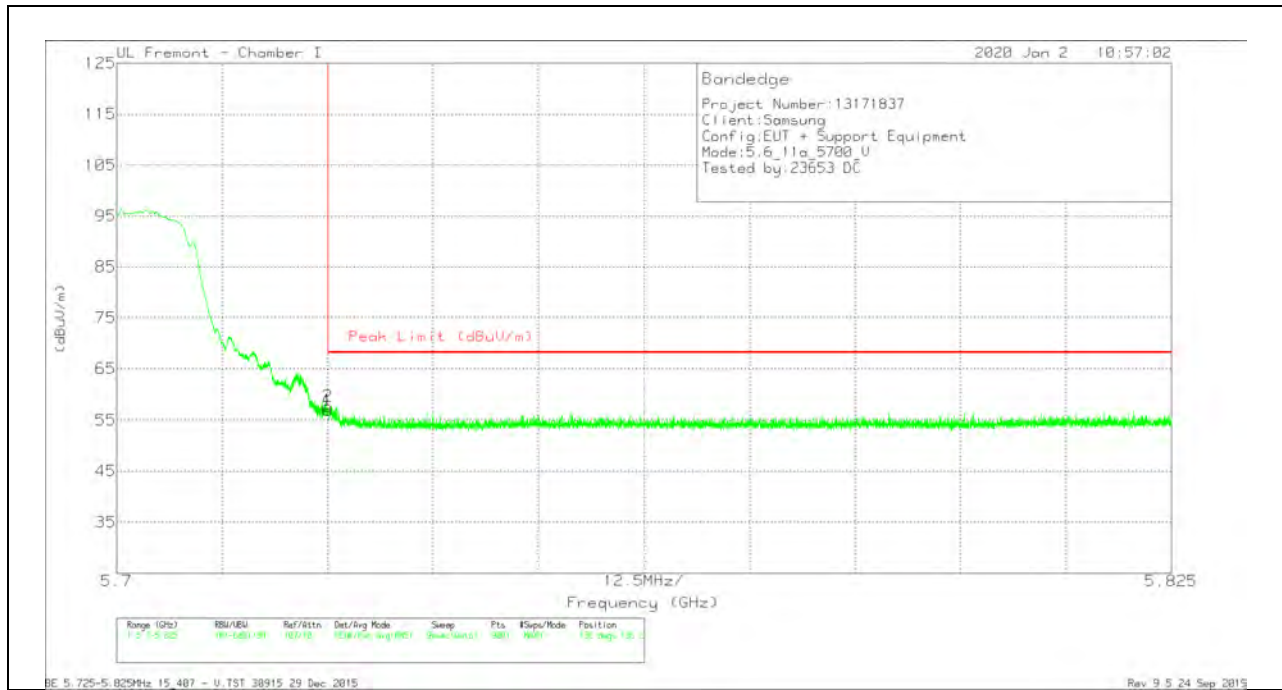


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.41	Pk	34.9	-16.6	0	57.71	68.2	-10.49	222	106	H
2	5.72504	41.49	Pk	34.9	-16.6	0	59.79	68.2	-8.41	222	106	H

Pk - Peak detector

VERTICAL RESULT



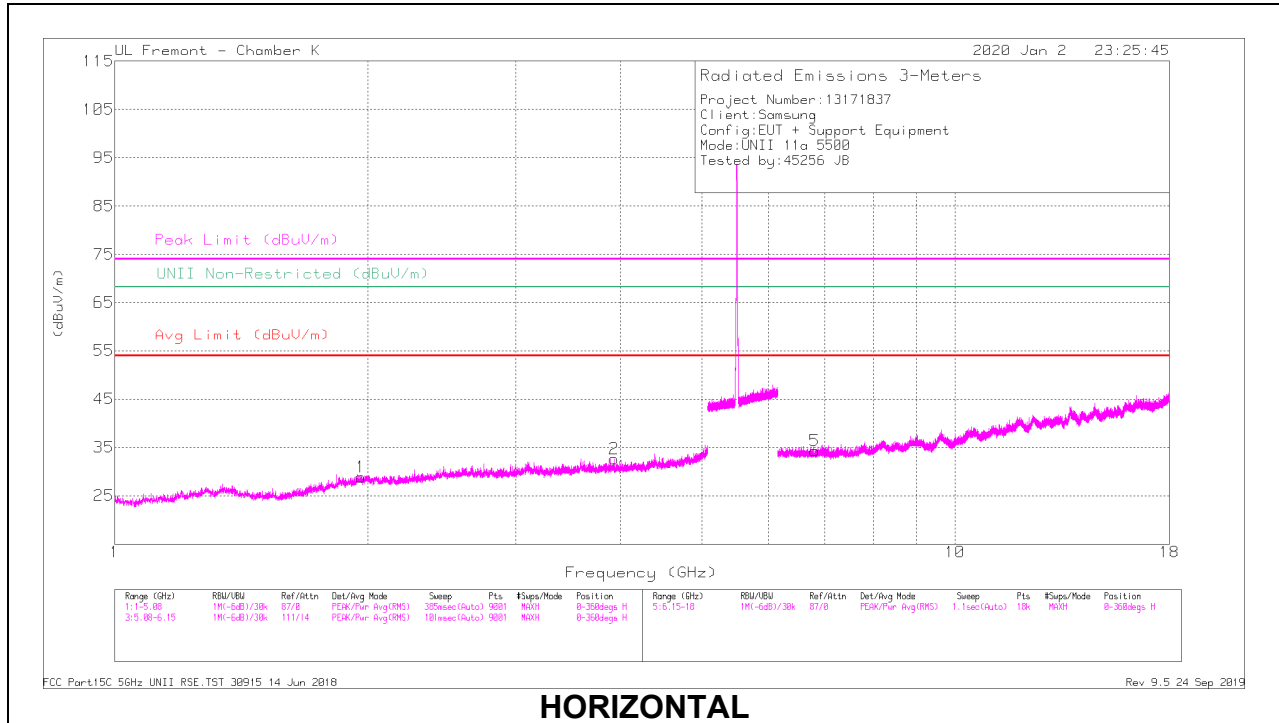
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.66	Pk	34.9	-16.6	0	56.96	68.2	-11.24	136	135	V
2	5.72503	39.45	Pk	34.9	-16.6	0	57.75	68.2	-10.45	136	135	V

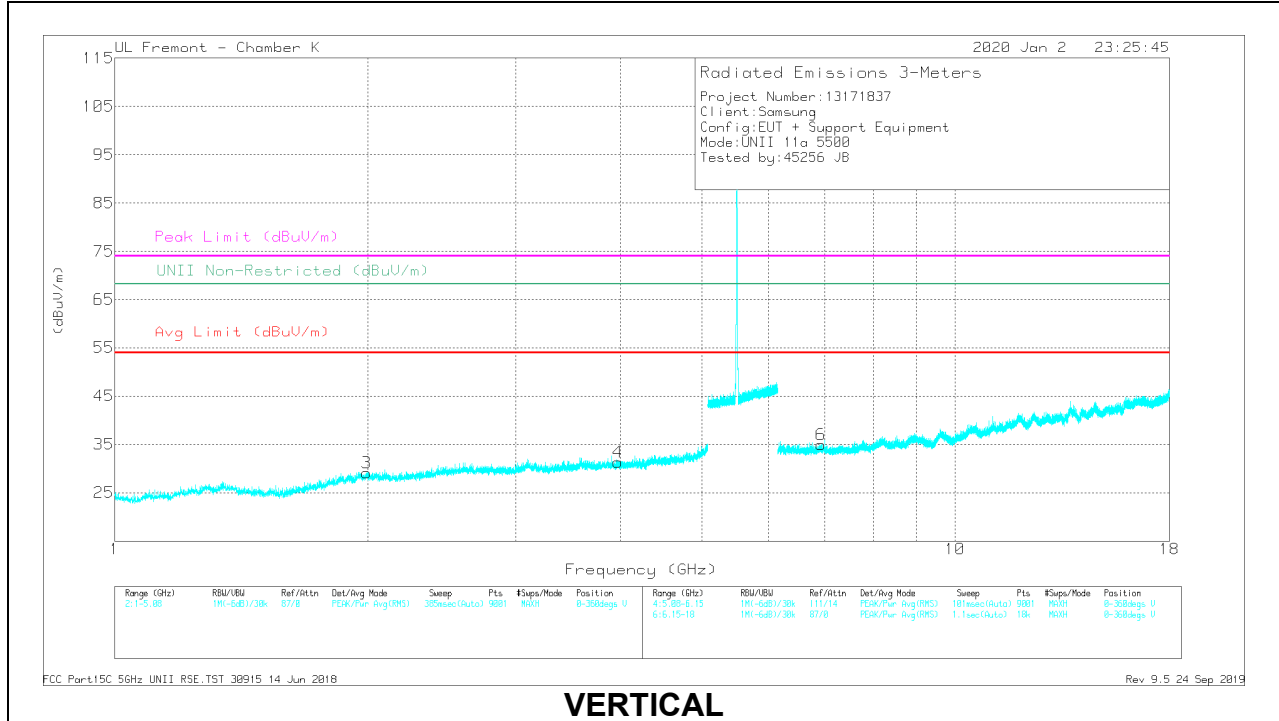
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

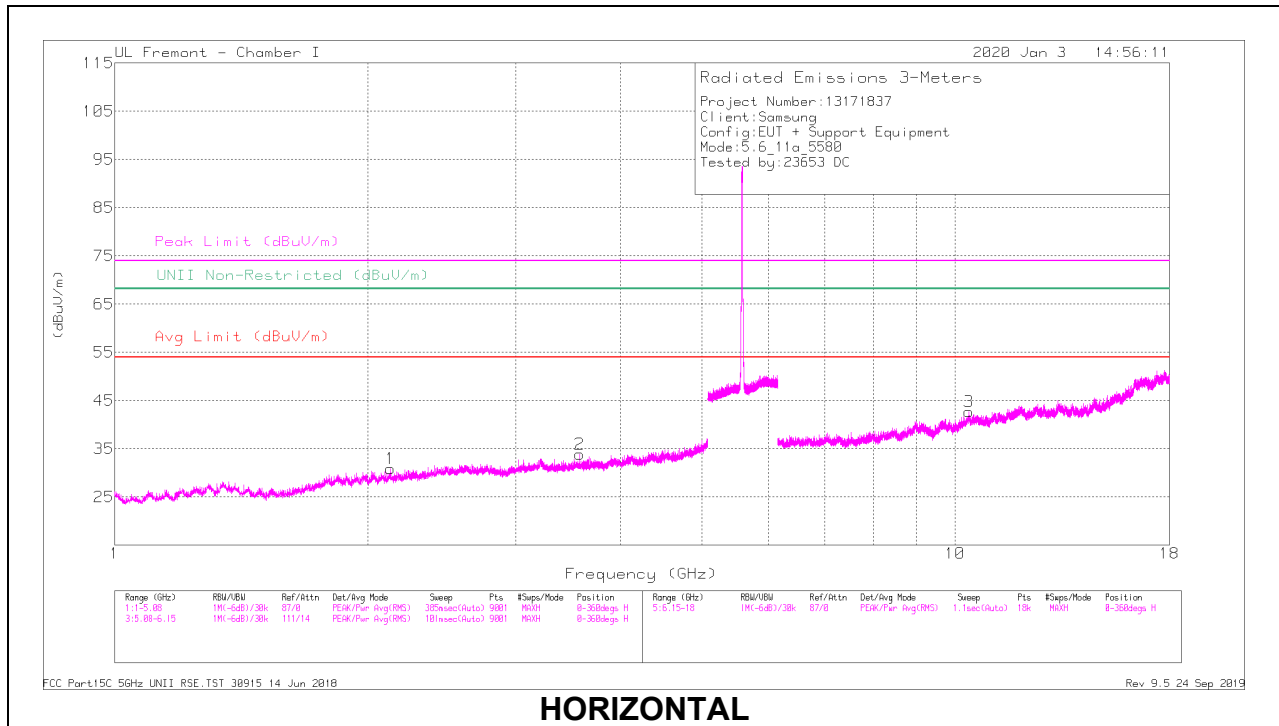
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.92817	37.25	PK-U	33.4	-31.6	0	39.05	-	-	74	-34.95	-	-	282	138	H
	* 3.92943	26.85	ADR	33.4	-31.5	.34	29.09	54	-24.91	-	-	-	-	282	138	H
1	1.96151	40.59	PK-U	31.6	-35.2	0	36.99	-	-	-	-	68.2	-31.21	85	138	H
4	* 3.96826	37.19	PK-U	33.3	-31.4	0	39.09	-	-	74	-34.91	-	-	358	209	V
	* 3.96902	27.28	ADR	33.3	-31.4	.34	29.52	54	-24.48	-	-	-	-	358	209	V
3	1.99174	40.73	PK-U	31.6	-35.2	0	37.13	-	-	-	-	68.2	-31.07	323	127	V
5	6.8047	34.39	PK-U	35.7	-27.2	0	42.89	-	-	-	-	68.2	-25.31	76	246	H
6	6.92777	33.28	PK-U	35.8	-26.4	0	42.68	-	-	-	-	68.2	-25.52	219	228	V

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

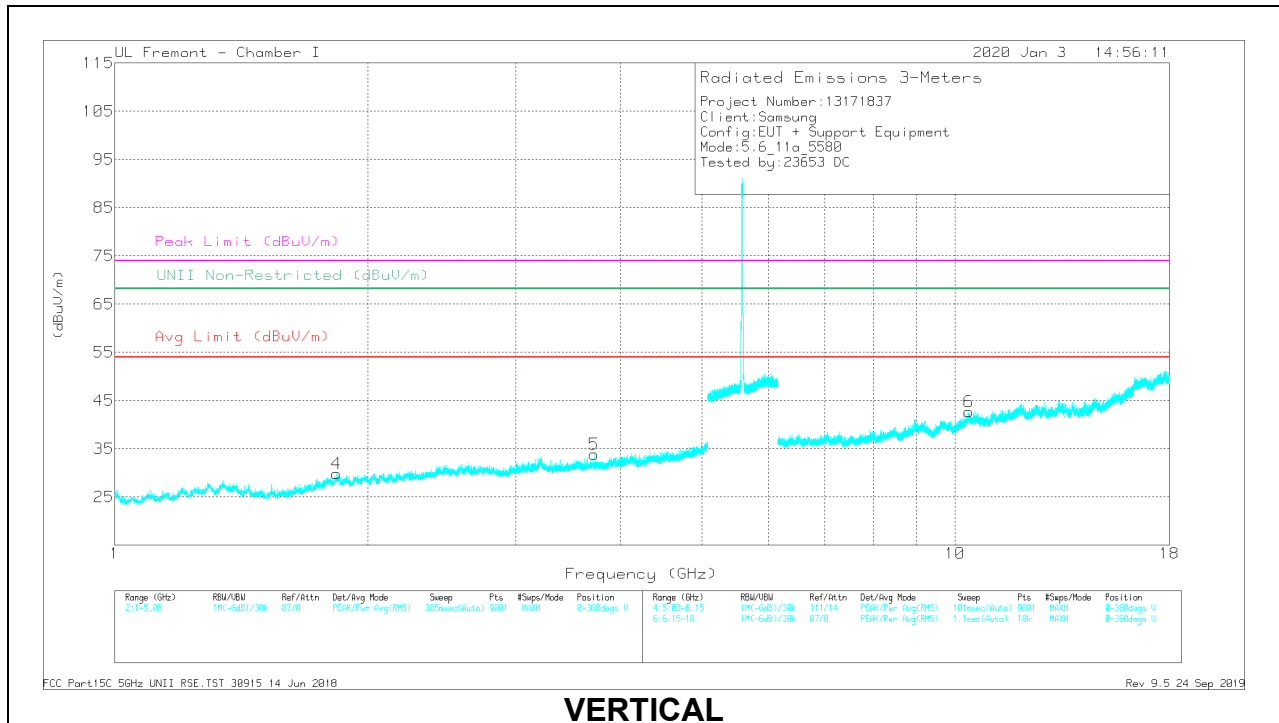
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

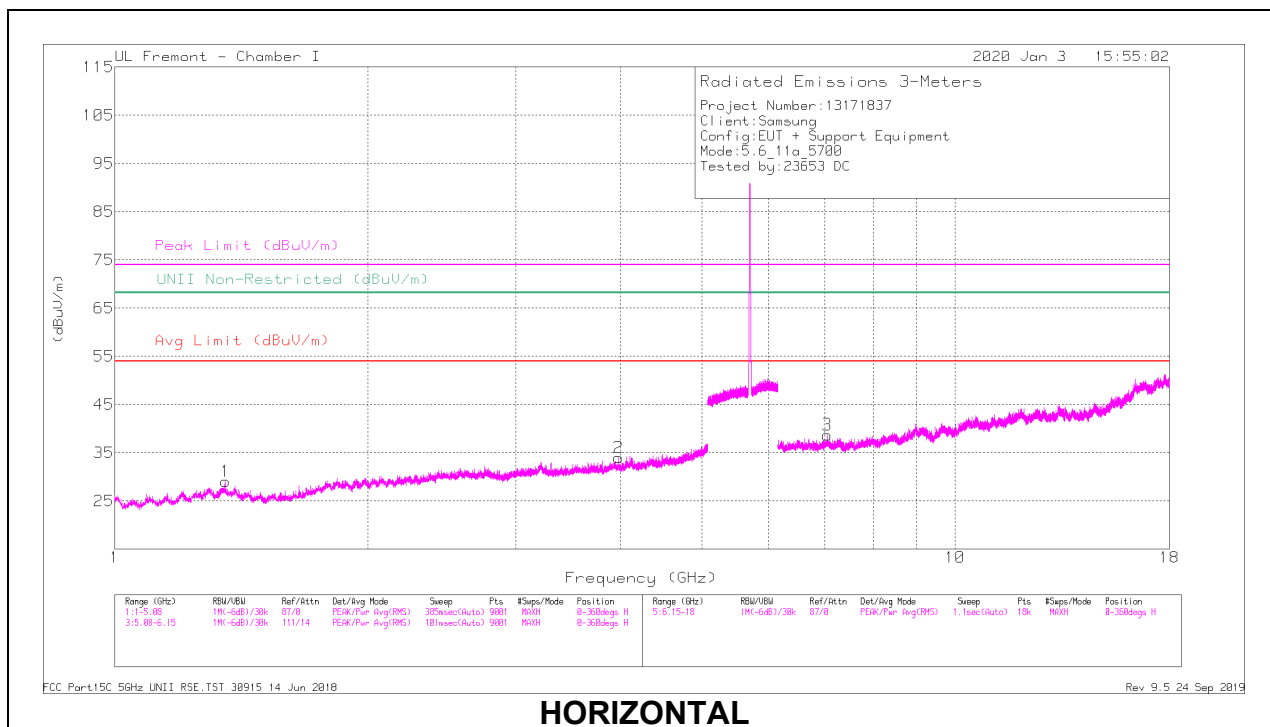
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.12825	37.16	PK-U	31.2	-30.5	0	37.86	-	-	-	-	68.2	-30.34	351	246	H
2	* 3.57612	34.58	PK-U	33	-28	0	39.58	-	-	74	-34.42	-	-	156	108	H
	* 3.57614	24.6	ADR	33	-28	.34	29.94	54	-24.06	-	-	-	-	156	108	H
4	1.83573	36.99	PK-U	30.7	-30.8	0	36.89	-	-	-	-	68.2	-31.31	266	115	V
5	* 3.71986	35.64	PK-U	32.9	-27.5	0	41.04	-	-	74	-32.96	-	-	38	183	V
	* 3.72001	25.99	ADR	32.9	-27.5	.34	31.73	54	-22.27	-	-	-	-	38	183	V
3	10.38257	28.31	PK-U	37.5	-15.3	0	50.51	-	-	-	-	68.2	-17.69	306	127	H
6	10.39438	27.89	PK-U	37.4	-15.6	0	49.69	-	-	-	-	68.2	-18.51	76	136	V

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

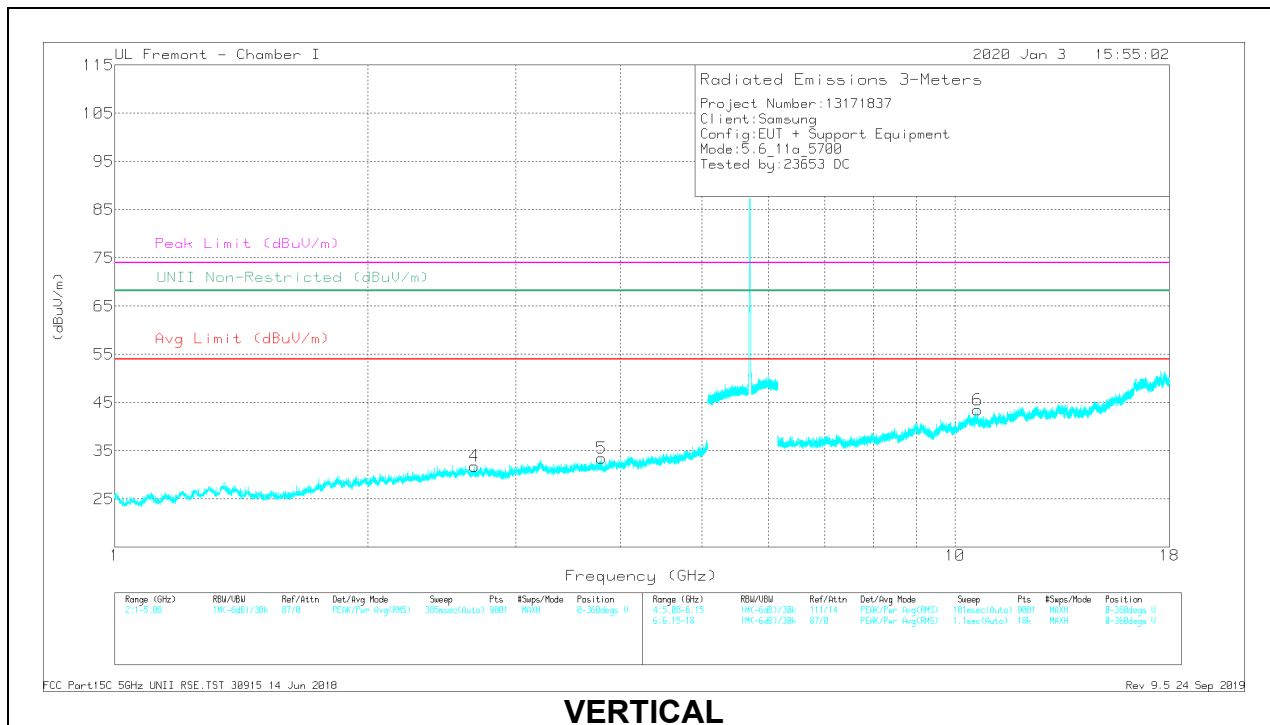
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

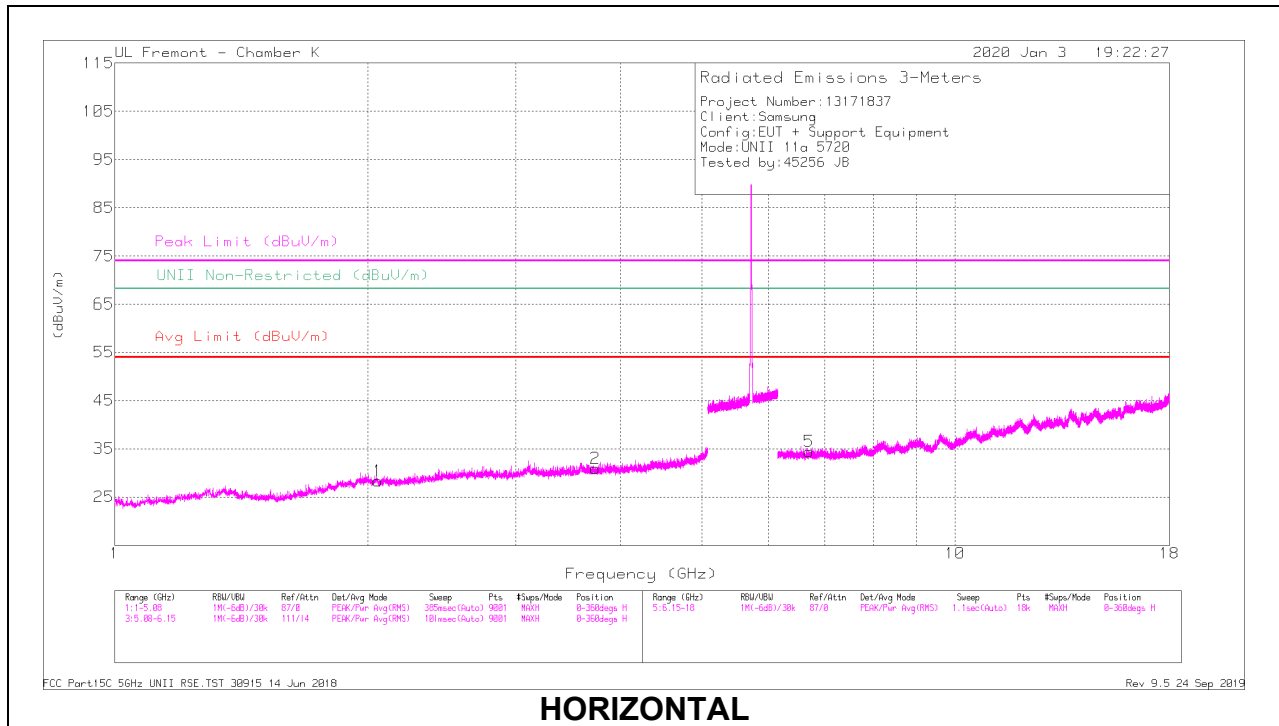
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.35551	38.49	PK-U	29.7	-31.9	0	36.29	-	-	74	-37.71	-	-	207	222	H
	* 1.3574	27.31	ADR	29.7	-31.9	.34	25.45	54	-28.55	-	-	-	-	207	222	H
2	* 3.97956	35.01	PK-U	33.3	-27.6	0	40.71	-	-	74	-33.29	-	-	320	104	H
	* 3.97699	24.63	ADR	33.3	-27.5	.34	30.77	54	-23.23	-	-	-	-	320	104	H
4	* 2.68304	36.44	PK-U	32.4	-29.8	0	39.04	-	-	74	-34.96	-	-	351	149	V
	* 2.68045	26.58	ADR	32.4	-29.8	.34	29.52	54	-24.48	-	-	-	-	351	149	V
5	* 3.79997	35.81	PK-U	33	-28.1	0	40.71	-	-	74	-33.29	-	-	13	166	V
	* 3.80004	27.17	ADR	33	-28.1	.34	32.41	54	-21.59	-	-	-	-	13	166	V
3	7.04671	29.73	PK-U	35.7	-19.3	0	46.13	-	-	-	-	68.2	-22.07	186	221	H
6	* 10.63553	28.55	PK-U	37.9	-15.6	0	50.85	-	-	74	-23.15	-	-	51	389	V
	* 10.63599	17.7	ADR	37.9	-15.5	.34	40.44	54	-13.56	-	-	-	-	51	389	V

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

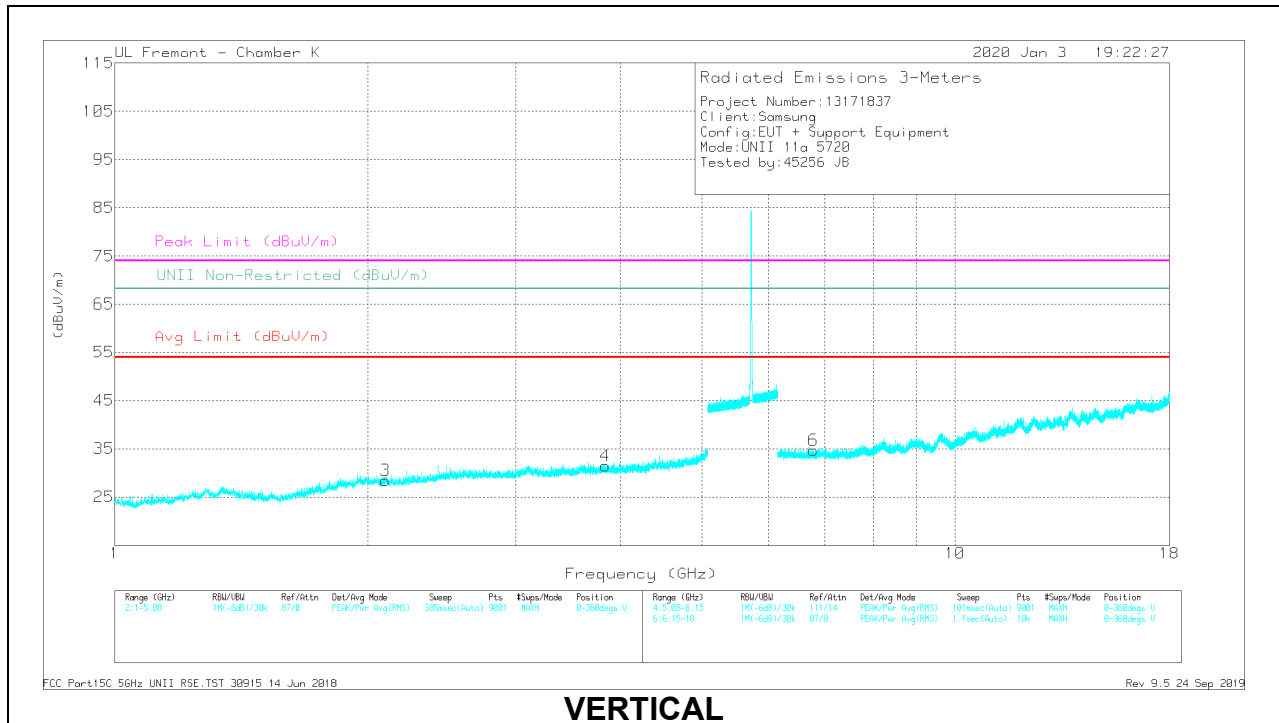
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 144 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filtr/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	* 3.73219	38.14	PK-U	33.1	-31.9	0	39.34	-	-	74	-34.66	-	-	285	162	H
	* 3.73499	27.33	ADR	33.1	-31.9	-34	28.87	54	-25.13	-	-	-	-	285	162	H
1	2.05781	40.41	PK-U	31.4	-35.1	0	36.71	-	-	-	-	68.2	-31.49	279	248	H
4	* 3.83816	37.52	PK-U	33.4	-31.8	0	39.12	-	-	74	-34.88	-	-	40	386	V
	* 3.83656	27.36	ADR	33.4	-31.8	-34	29.3	54	-24.7	-	-	-	-	40	386	V
3	2.10034	40.85	PK-U	31.4	-35.1	0	37.15	-	-	-	-	68.2	-31.05	210	378	V
5	6.70787	33.68	PK-U	35.8	-27	0	42.48	-	-	-	-	68.2	-25.72	30	233	H
6	6.78429	33.61	PK-U	35.8	-27.1	0	42.31	-	-	-	-	68.2	-25.89	127	156	V

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

PK-U - U-NII: Maximum Peak

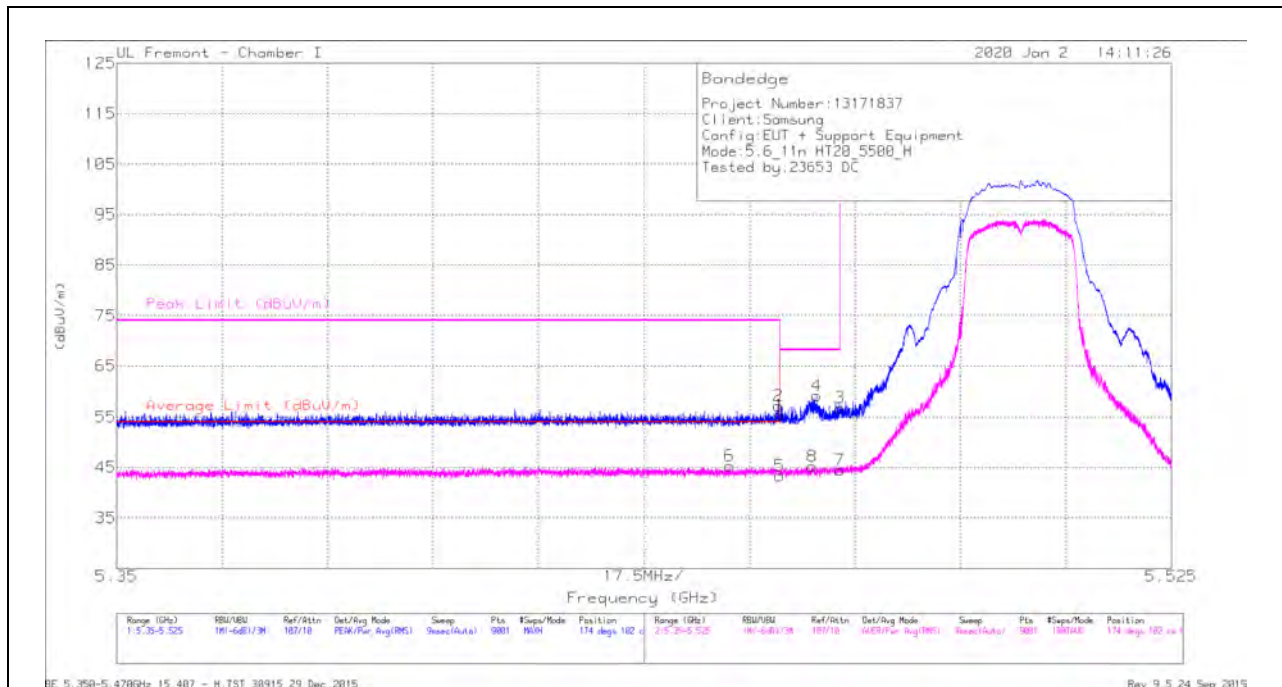
ADR - U-NII AD primary method, RMS average

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

1TX CHAIN 0 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

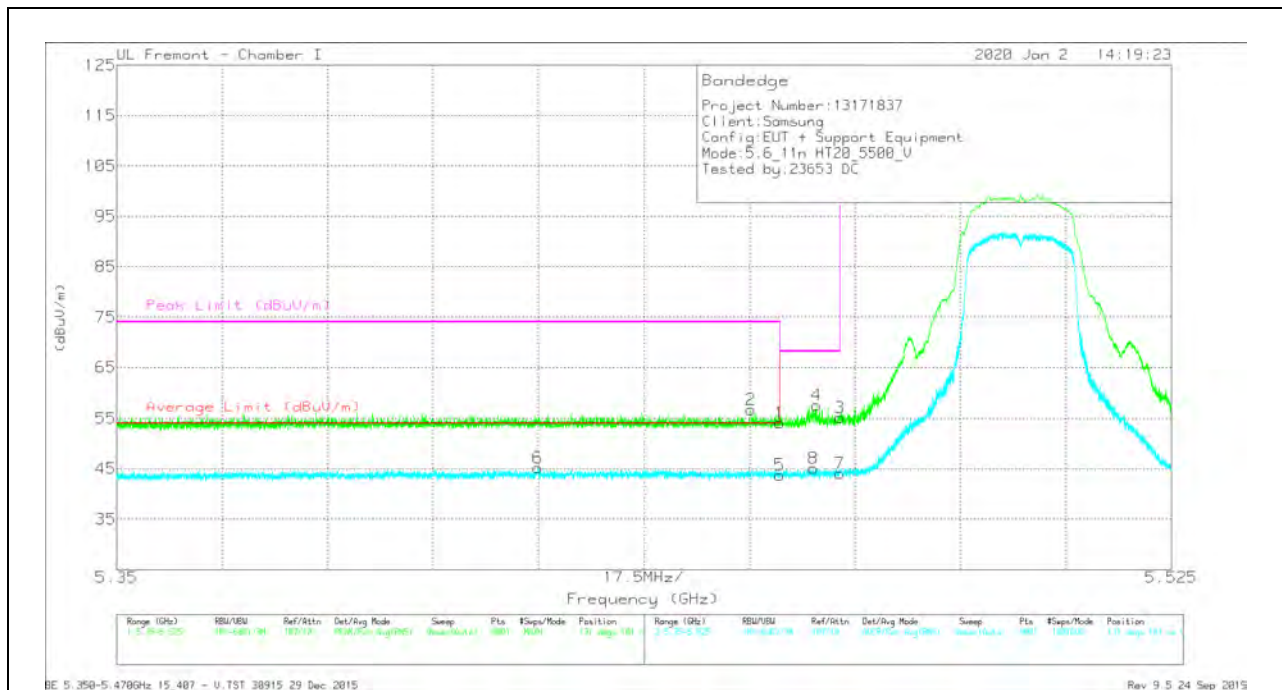
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.45999	36.33	Pk	34.9	-15.9	0	55.33	-	-	74	-18.67	174	102	H
2	*5.45976	38.2	Pk	34.9	-15.9	0	57.2	-	-	74	-16.8	174	102	H
3	5.46999	37.81	Pk	34.9	-15.9	0	56.81	-	-	68.2	-11.39	174	102	H
4	5.46612	40.25	Pk	34.9	-15.9	0	59.25	-	-	68.2	-8.95	174	102	H
5	*5.45999	24	RMS	34.9	-15.9	.35	43.35	54	-10.65	-	-	174	102	H
6	*5.45169	26.03	RMS	34.8	-15.9	.35	45.28	54	-8.72	-	-	174	102	H
7	5.46999	25.13	RMS	34.9	-15.9	.35	44.48	-	-	-	-	174	102	H
8	5.46542	25.86	RMS	34.9	-15.9	.35	45.21	-	-	-	-	174	102	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/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	*5.45999	35.09	Pk	34.9	-15.9	0	54.09	-	-	74	-19.91	131	101	V
2	*5.45527	37.64	Pk	34.9	-15.8	0	56.74	-	-	74	-17.26	131	101	V
3	5.46999	36.19	Pk	34.9	-15.9	0	55.19	-	-	68.2	-13.01	131	101	V
4	5.46616	38.67	Pk	34.9	-15.9	0	57.67	-	-	68.2	-10.53	131	101	V
5	*5.45999	24.42	RMS	34.9	-15.9	.35	43.77	54	-10.23	-	-	131	101	V
6	*5.41984	25.87	RMS	34.8	-15.8	.35	45.22	54	-8.78	-	-	131	101	V
7	5.46999	24.78	RMS	34.9	-15.9	.35	44.13	-	-	-	-	131	101	V
8	5.46565	25.77	RMS	34.9	-15.9	.35	45.12	-	-	-	-	131	101	V

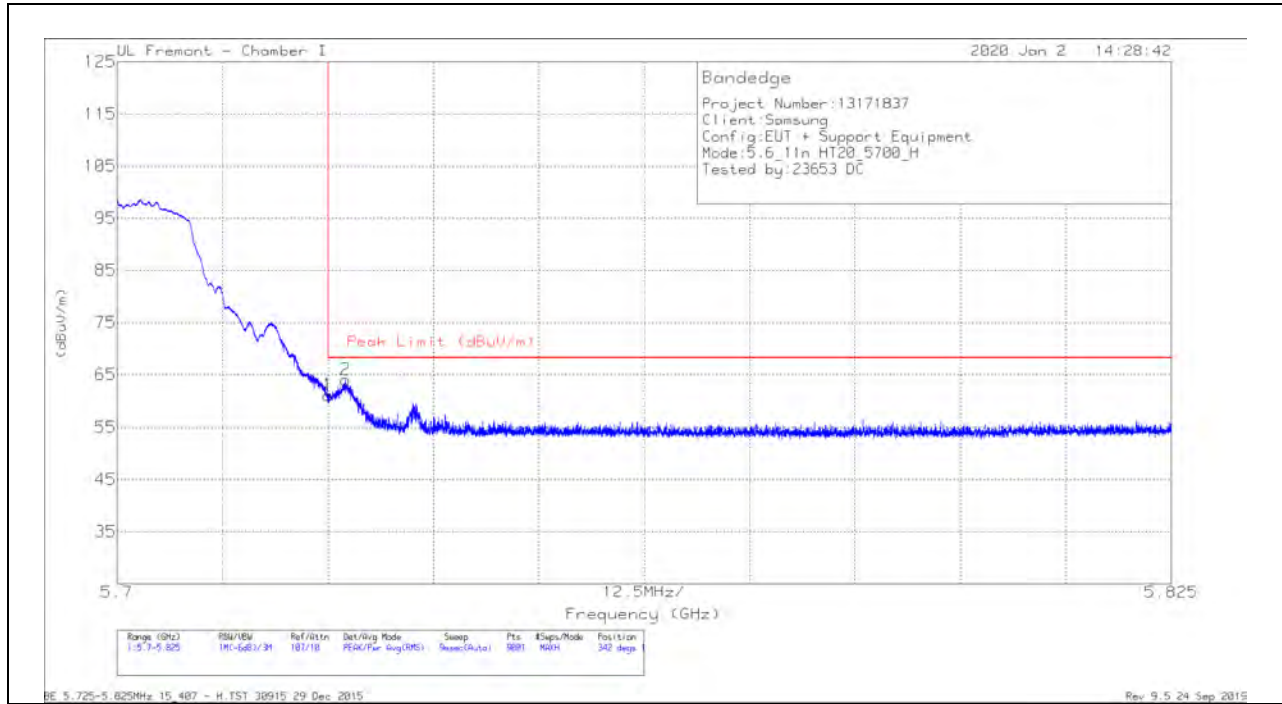
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

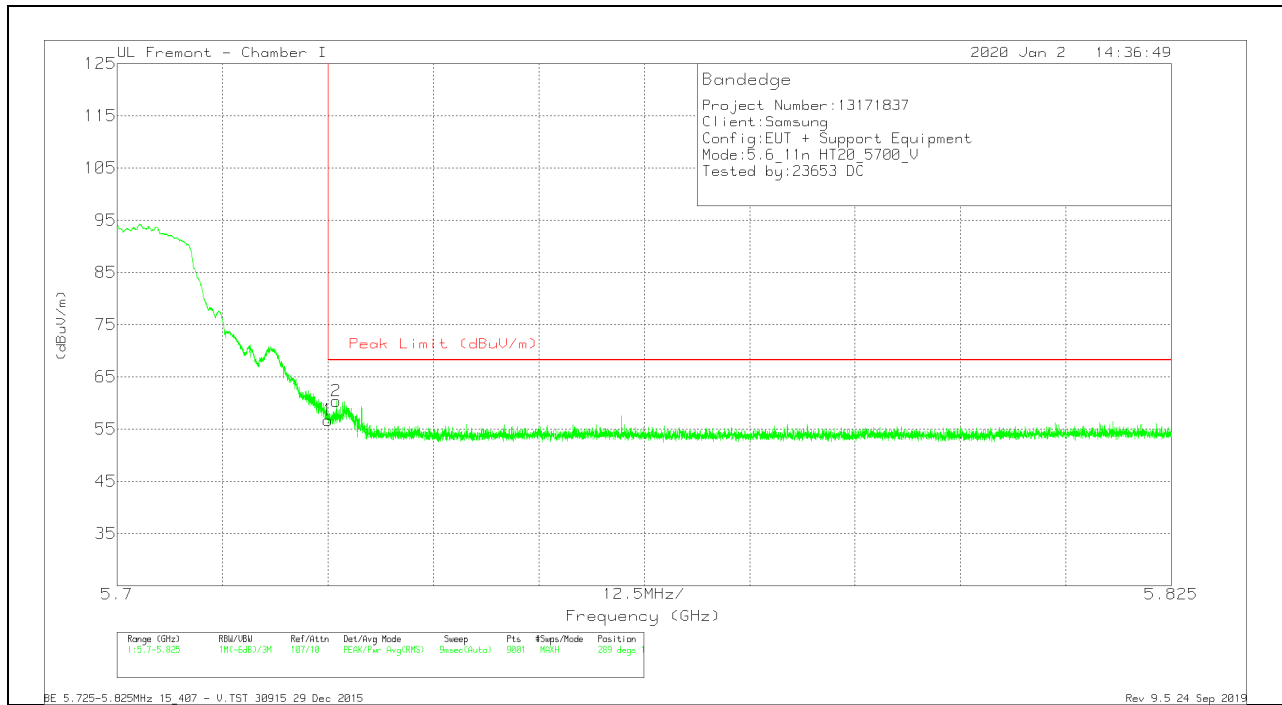


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.89	Pk	34.9	-16.6	0	61.19	68.2	-7.01	342	103	H
2	5.7271	45.64	Pk	34.9	-16.5	0	64.04	68.2	-4.16	342	103	H

Pk - Peak detector

VERTICAL RESULT



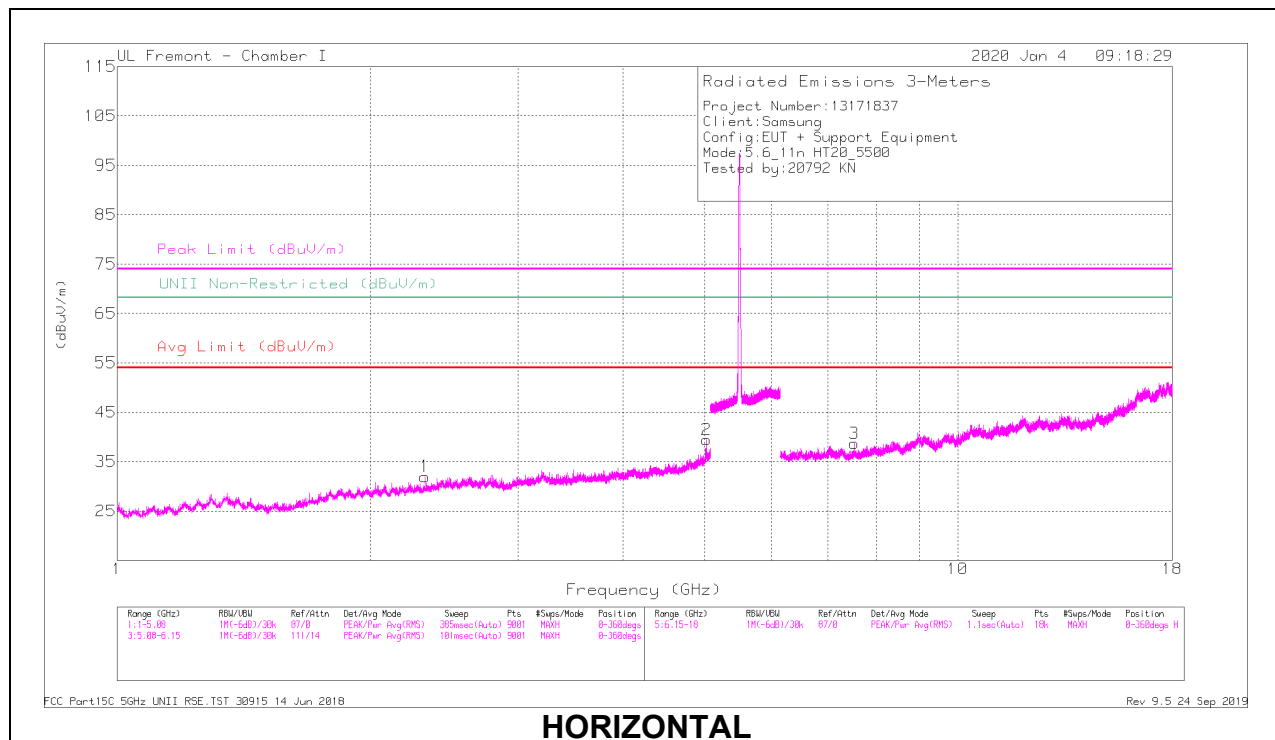
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.39	Pk	34.9	-16.6	0	56.69	68.2	-11.51	289	130	V
2	5.72597	42.07	Pk	34.9	-16.6	0	60.37	68.2	-7.83	289	130	V

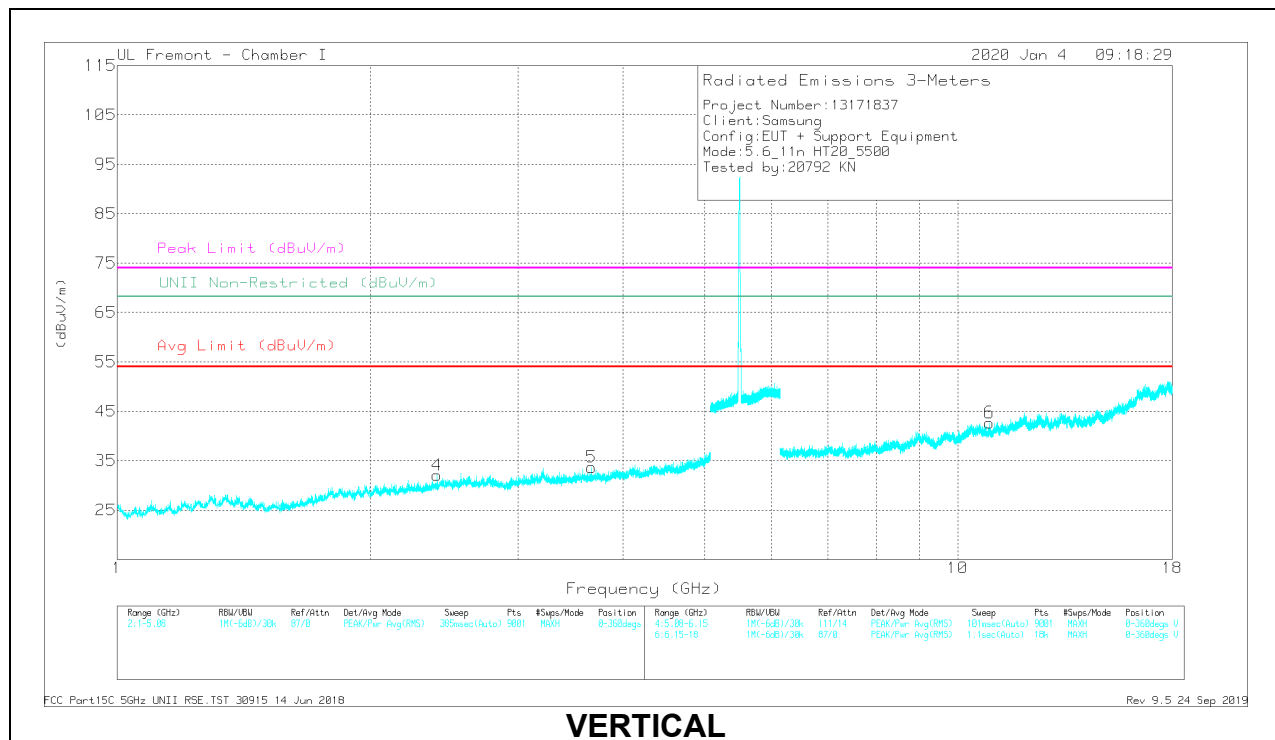
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

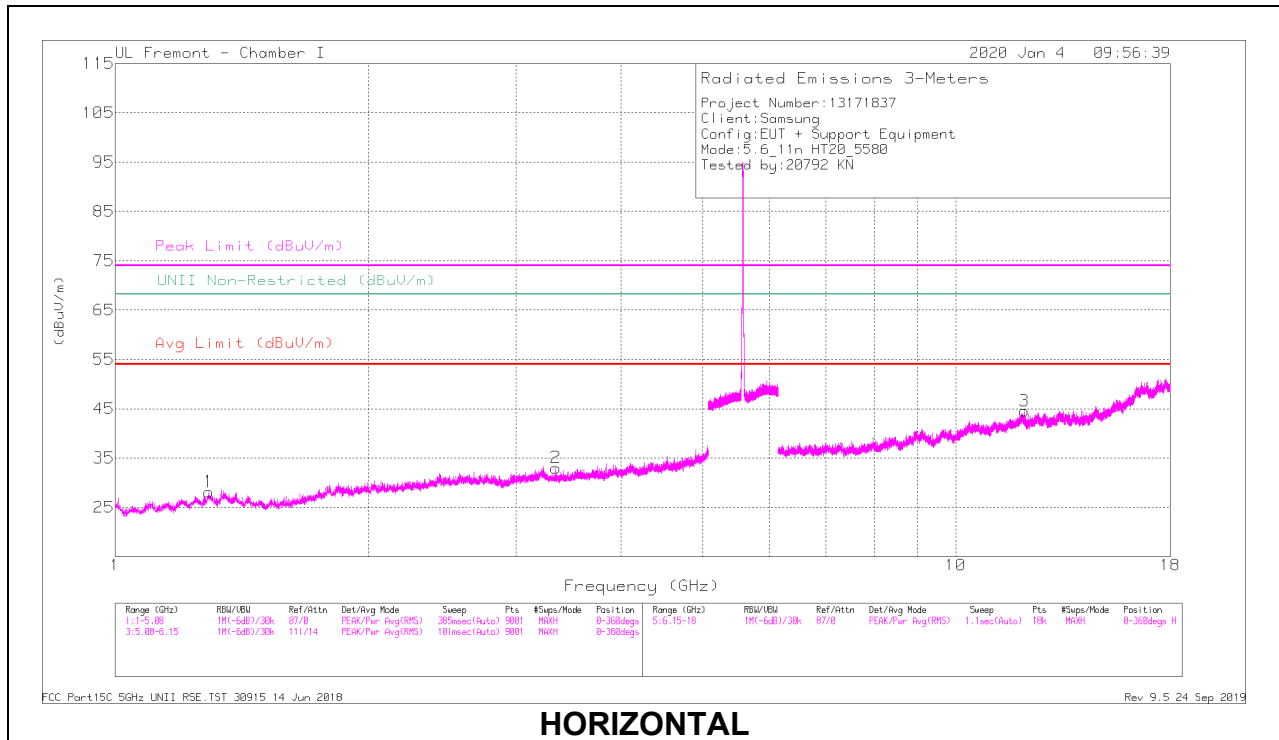
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.32117	36.91	PK-U	31.5	-30.2	0	38.21	-	-	74	-35.79	-	-	155	132	H
	* 2.31473	27.1	ADR	31.5	-30.3	.35	28.65	54	-25.35	-	-	-	-	155	132	H
2	* 5.02805	38.61	PK-U	34.3	-24.9	0	48.01	-	-	74	-25.99	-	-	360	114	H
	* 5.0278	27.65	ADR	34.3	-24.9	.35	37.4	54	-16.6	-	-	-	-	360	114	H
5	* 3.66688	36.14	PK-U	32.9	-27.7	0	41.34	-	-	74	-32.66	-	-	28	187	V
	* 3.66678	25.33	ADR	32.9	-27.7	.35	30.88	54	-23.12	-	-	-	-	28	187	V
4	* 2.4022	42.73	PK-U	31.9	-30.3	0	44.33	-	-	-	-	68.2	-23.87	341	272	V
	* 7.52852	28.05	PK-U	35.6	-18.7	0	44.95	-	-	74	-29.05	-	-	189	210	H
3	* 7.52738	18.69	ADR	35.6	-18.7	.35	35.94	54	-18.06	-	-	-	-	189	210	H
	* 10.91532	26.77	PK-U	37.8	-15.7	0	48.87	-	-	74	-25.13	-	-	114	267	V
6	* 10.91511	16.84	ADR	37.8	-15.7	.35	39.29	54	-14.71	-	-	-	-	114	267	V

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

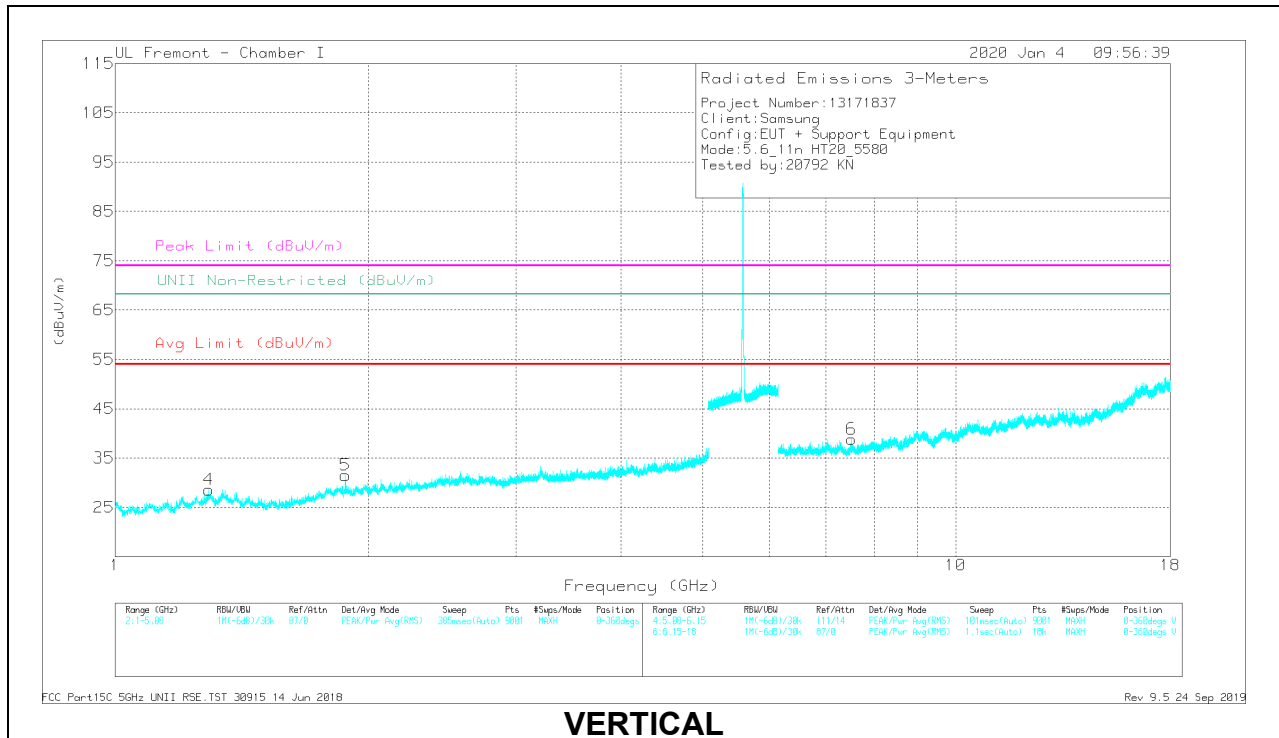
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

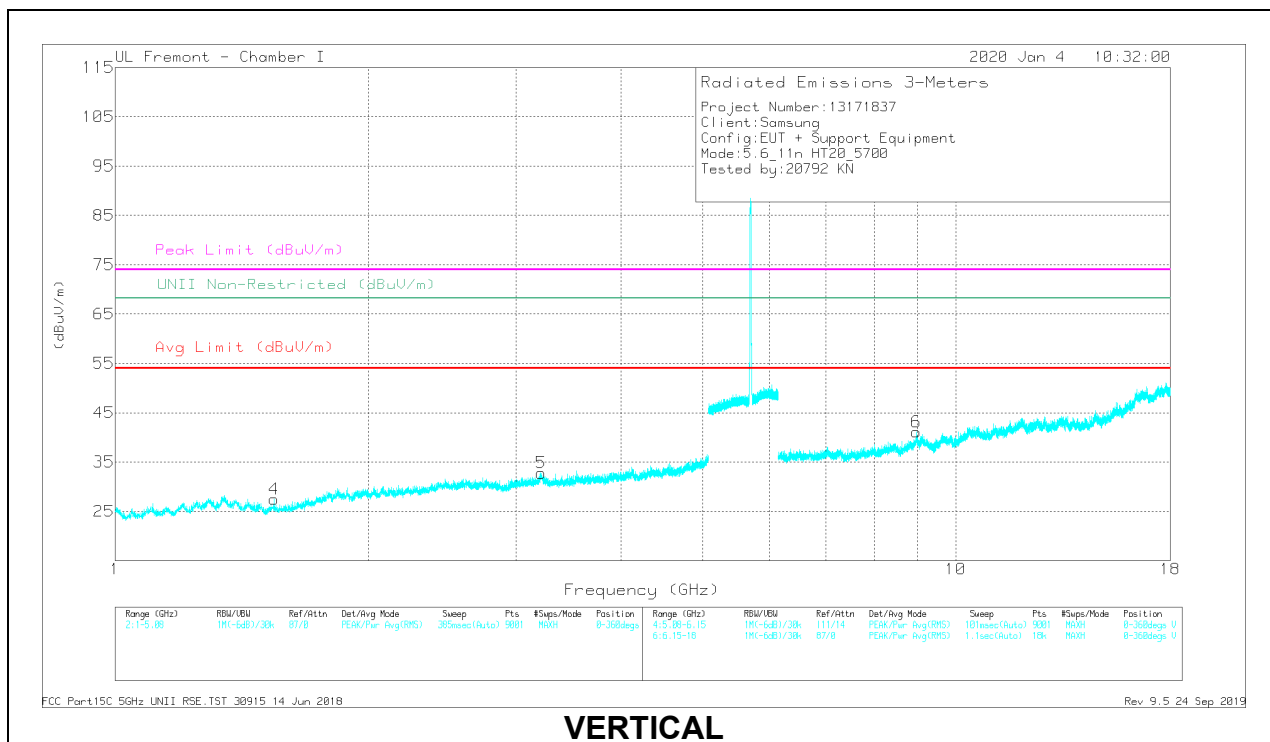
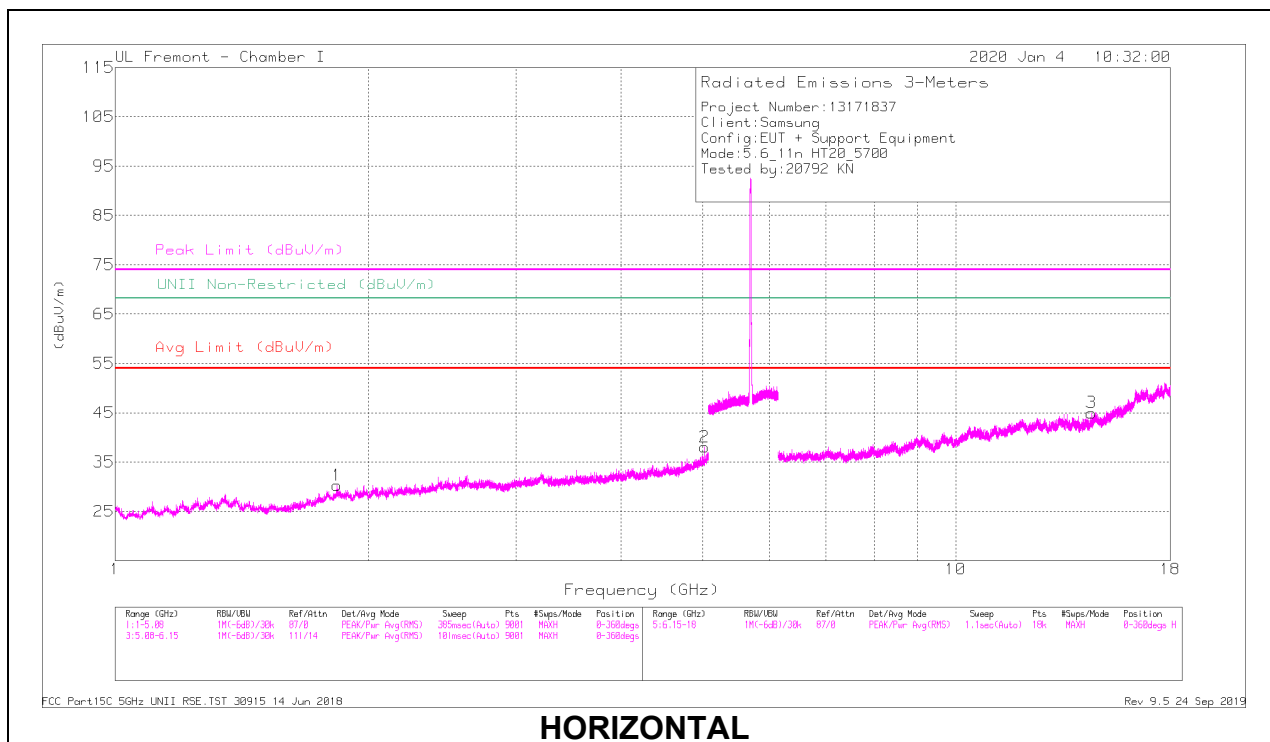
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.29287	39.26	PK-U	29.4	-32.2	0	36.46	-	-	74	-37.54	-	-	94	248	H
	* 1.29356	28.12	ADR	29.4	-32.2	.35	25.67	54	-28.33	-	-	-	-	94	248	H
2	* 3.34747	36.3	PK-U	32.7	-28.7	0	40.3	-	-	74	-33.7	-	-	167	139	H
4	* 1.28877	38.61	PK-U	29.3	-32.1	0	35.81	-	-	74	-38.19	-	-	255	151	V
	* 1.28908	28.33	ADR	29.4	-32.1	.35	25.98	54	-28.02	-	-	-	-	255	151	V
5	1.87716	36.97	PK-U	30.7	-31	0	36.67	-	-	-	-	68.2	-31.53	347	282	V
3	* 12.06906	27.77	PK-U	38.9	-15.8	0	50.87	-	-	74	-23.13	-	-	144	205	H
	* 12.07256	18.28	ADR	38.9	-15.9	.35	41.63	54	-12.37	-	-	-	-	144	205	H
6	* 7.51987	28.74	PK-U	35.5	-18.7	0	45.54	-	-	74	-28.46	-	-	217	169	V
	* 7.51102	18.92	ADR	35.6	-18.6	.35	36.27	54	-17.73	-	-	-	-	217	169	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

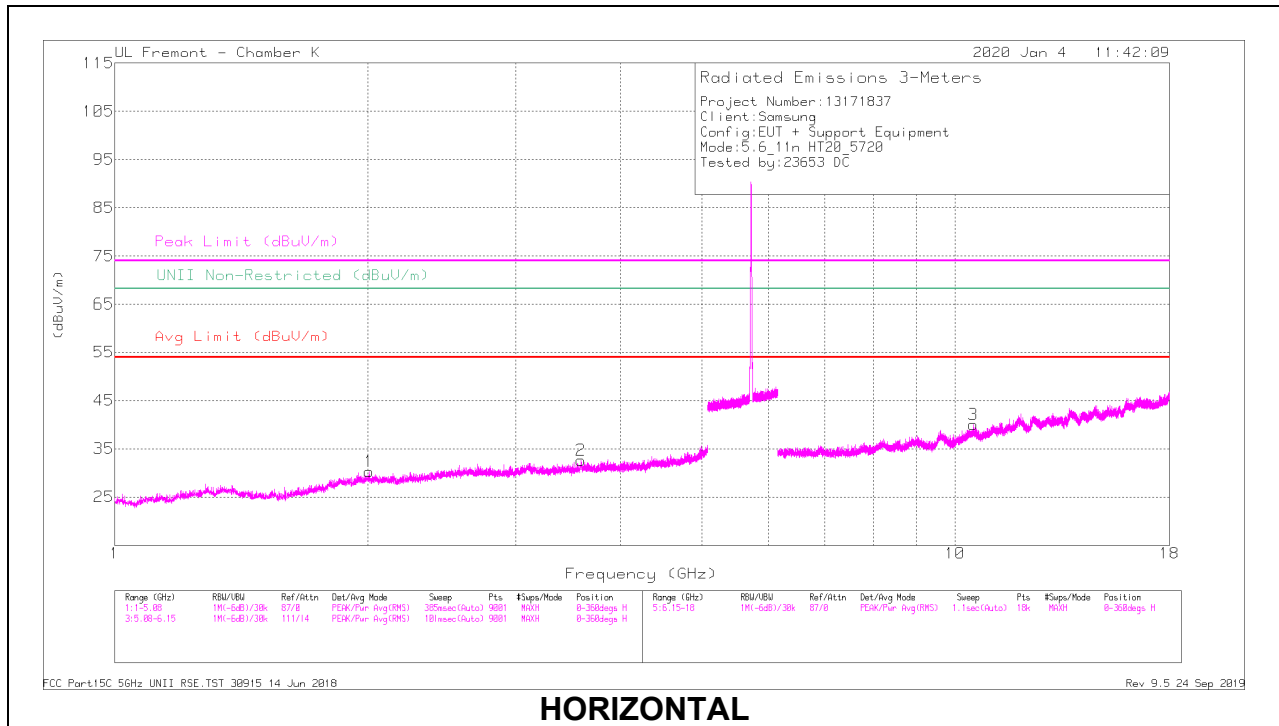
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.02505	35.01	PK-U	34.2	-24.9	0	44.31	-	-	74	-29.69	-	-	69	253	H
	* 5.02624	24.69	ADR	34.2	-24.8	.35	34.44	54	-19.56	-	-	-	-	69	253	H
1	1.83651	37.38	PK-U	30.7	-30.9	0	37.18	-	-	-	-	68.2	-31.02	86	111	H
4	* 1.54314	37.94	PK-U	28.1	-31.5	0	34.54	-	-	74	-39.46	-	-	330	162	V
	* 1.54563	28.02	ADR	28.1	-31.6	.35	24.87	54	-29.13	-	-	-	-	330	162	V
5	3.21324	35.99	PK-U	33.6	-28.2	0	41.39	-	-	-	-	68.2	-26.81	83	171	V
3	14.50153	26.88	PK-U	39.8	-15.5	0	51.18	-	-	-	-	68.2	-17.02	282	350	H
6	8.97302	27.9	PK-U	36.2	-16.5	0	47.6	-	-	-	-	68.2	-20.6	67	347	V

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

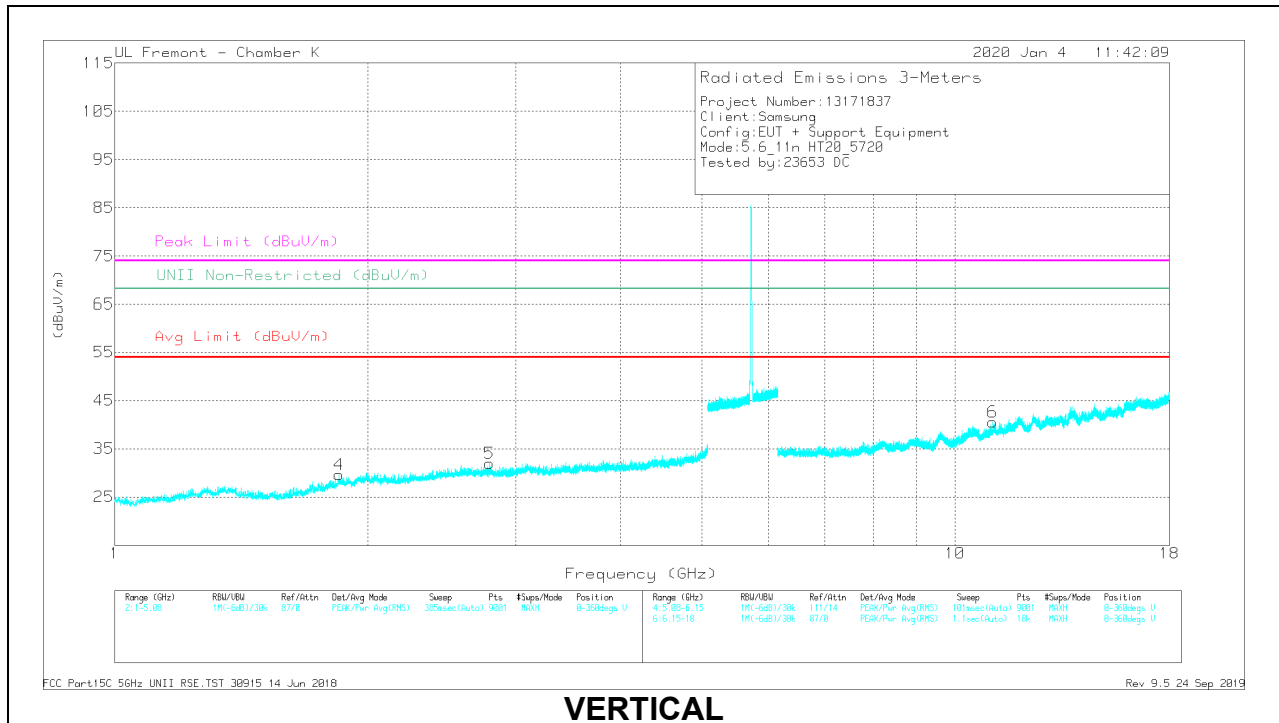
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 144 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Fitr/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	2.00623	40.58	PK-U	31.5	-35.2	0	36.88	-	-	-	-	68.2	-31.32	148	217	H
2	* 3.58855	38.81	PK-U	34.2	-32.4	0	40.61	-	-	74	-33.39	-	-	72	168	H
	* 3.59057	28.03	ADR	34.2	-32.4	.35	30.18	54	-23.82	-	-	-	-	72	168	H
4	1.85216	40.91	PK-U	30.9	-35.1	0	36.71	-	-	-	-	68.2	-31.49	187	233	V
5	* 2.79391	41.78	PK-U	32.4	-34.6	0	39.58	-	-	74	-34.42	-	-	260	224	V
	* 2.79229	30.52	ADR	32.4	-34.6	.35	28.67	54	-25.33	-	-	-	-	260	224	V
3	10.51589	31.43	PK-U	37.7	-22.5	0	46.63	-	-	-	-	68.2	-21.57	23	155	H
6	* 11.09181	31.18	PK-U	38	-21.7	0	47.48	-	-	74	-26.52	-	-	110	269	V
	* 11.09193	20.74	ADR	38	-21.7	.35	37.39	54	-16.61	-	-	-	-	110	269	V

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

PK-U - U-NII: Maximum Peak

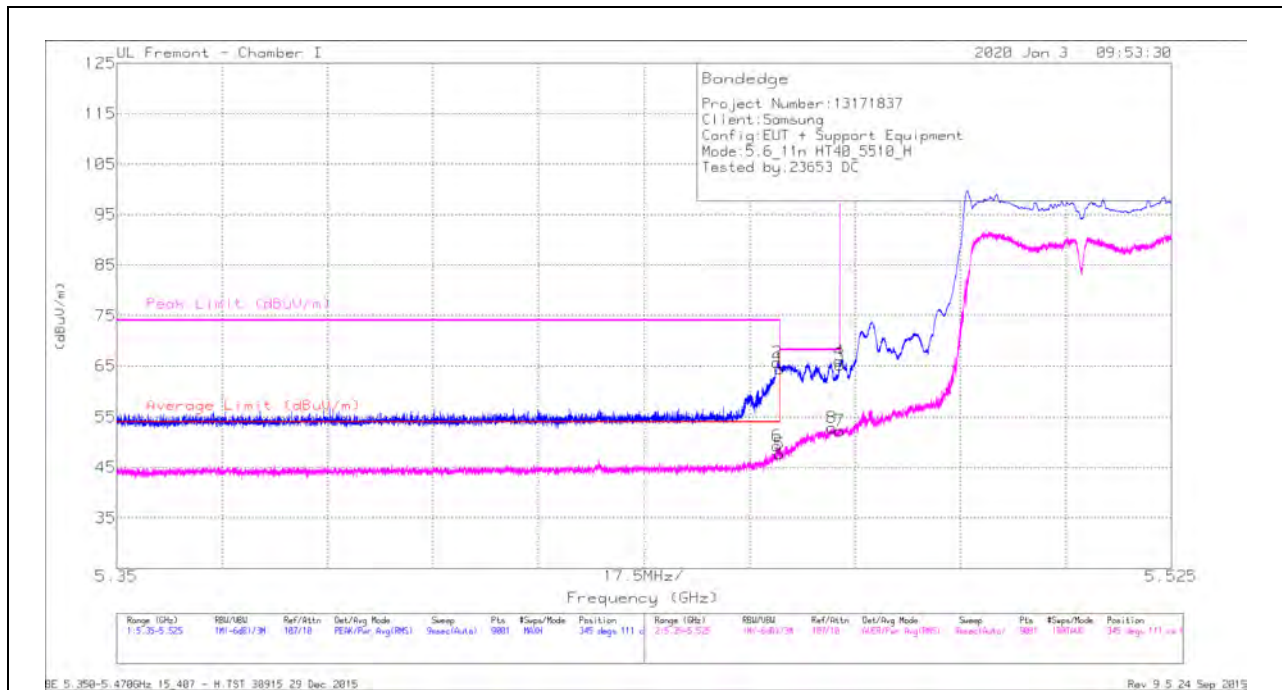
ADR - U-NII AD primary method, RMS average

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

1TX CHAIN 0 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

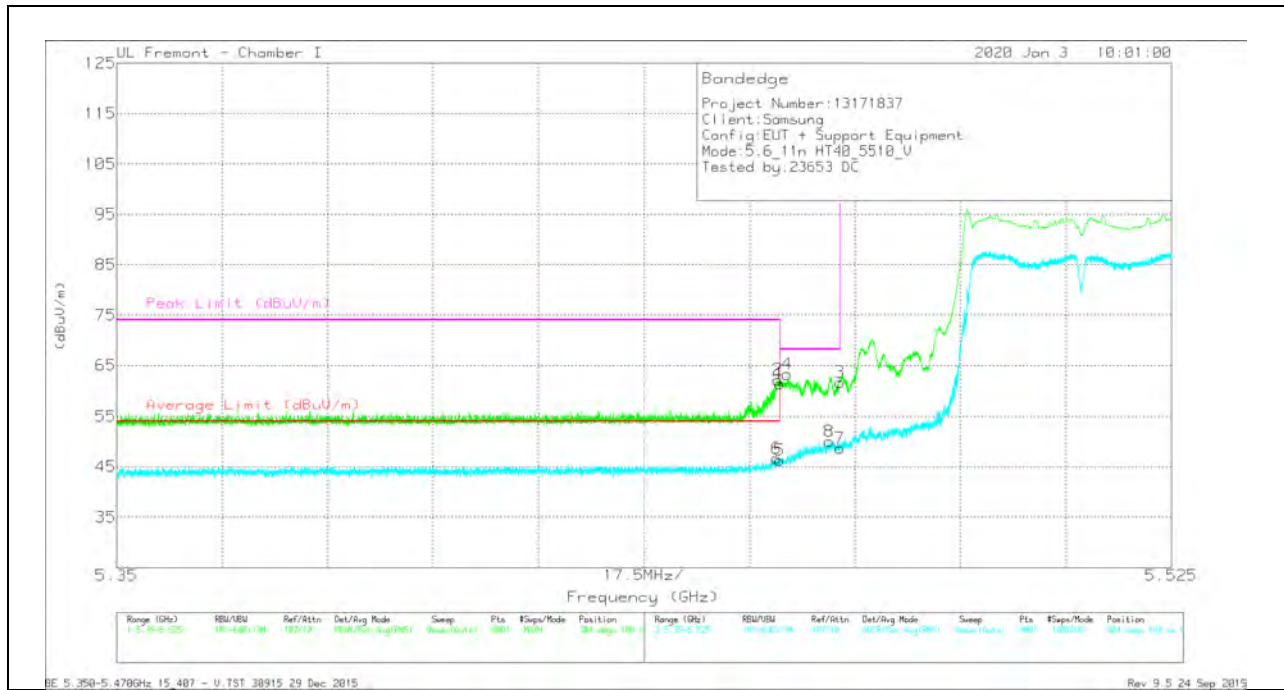
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.45999	45.47	Pk	34.9	-15.9	0	64.47	-	-	74	-9.53	345	111	H
2	*5.45957	46.54	Pk	34.9	-15.8	0	65.64	-	-	74	-8.36	345	111	H
3	5.46999	46.25	Pk	34.9	-15.9	0	65.25	-	-	68.2	-2.95	345	111	H
4	5.46993	46.97	Pk	34.9	-15.9	0	65.97	-	-	68.2	-2.23	345	111	H
5	*5.45999	28.11	RMS	34.9	-15.9	.61	47.72	54	-6.28	-	-	345	111	H
6	*5.45959	29.58	RMS	34.9	-15.8	.61	49.29	54	-4.71	-	-	345	111	H
7	5.46999	32.62	RMS	34.9	-15.9	.61	52.23	-	-	-	-	345	111	H
8	5.46865	33.33	RMS	34.9	-15.9	.61	52.94	-	-	-	-	345	111	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/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	*5.45999	42.47	Pk	34.9	-15.9	0	61.47	-	-	74	-12.53	304	109	V
2	*5.45966	43.24	Pk	34.9	-15.9	0	62.24	-	-	74	-11.76	304	109	V
3	5.46999	42.73	Pk	34.9	-15.9	0	61.73	-	-	68.2	-6.47	304	109	V
4	5.46126	44.32	Pk	34.9	-15.9	0	63.32	-	-	68.2	-4.88	304	109	V
5	*5.45999	26.7	RMS	34.9	-15.9	.61	46.31	54	-7.69	-	-	304	109	V
6	*5.45945	26.94	RMS	34.9	-15.8	.61	46.65	54	-7.35	-	-	304	109	V
7	5.46999	29.05	RMS	34.9	-15.9	.61	48.66	-	-	-	-	304	109	V
8	5.46822	30.45	RMS	34.9	-15.9	.61	50.06	-	-	-	-	304	109	V

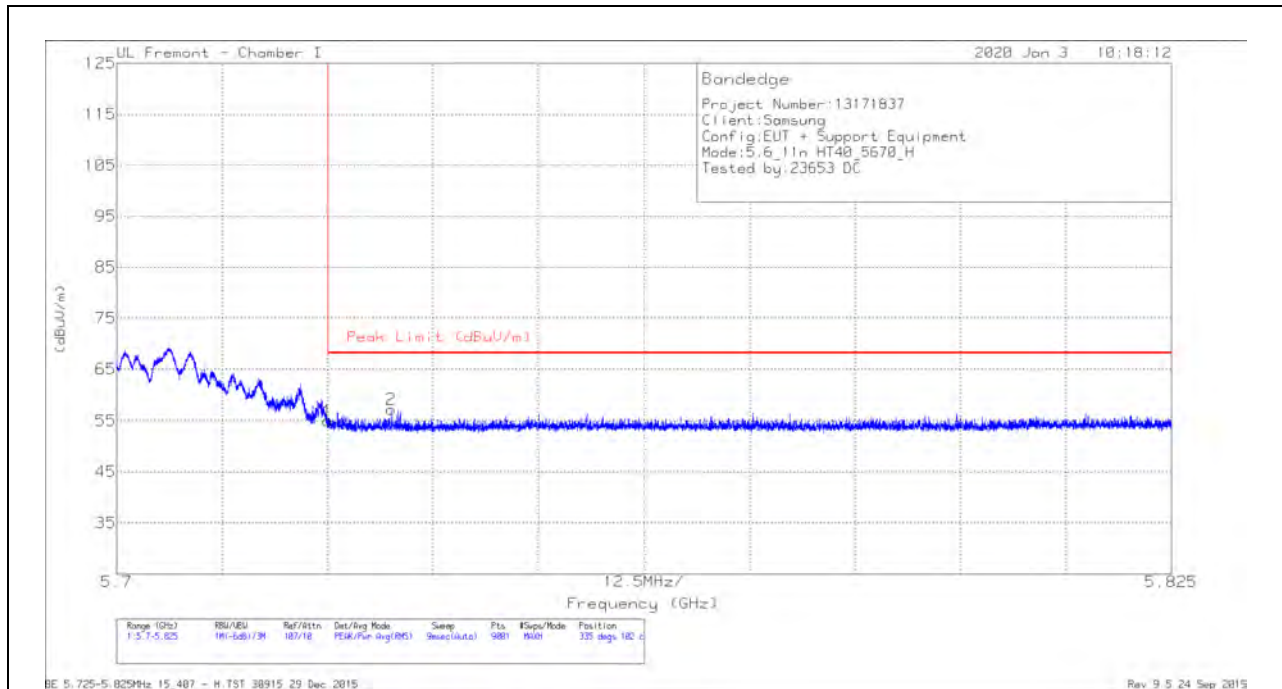
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

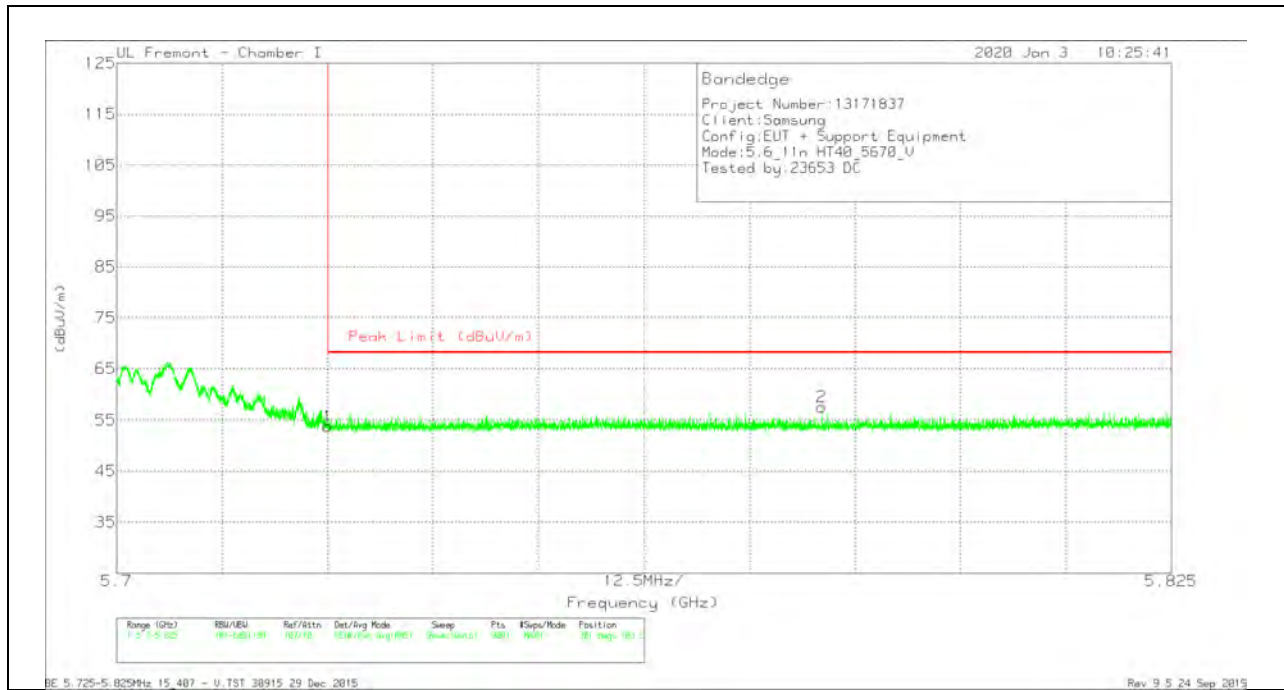


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	36.71	PK	34.9	-16.6	0	55.01	68.2	-13.19	335	102	H
2	5.73254	38.76	PK	35	-16.5	0	57.26	68.2	-10.94	335	102	H

Pk - Peak detector

VERTICAL RESULT



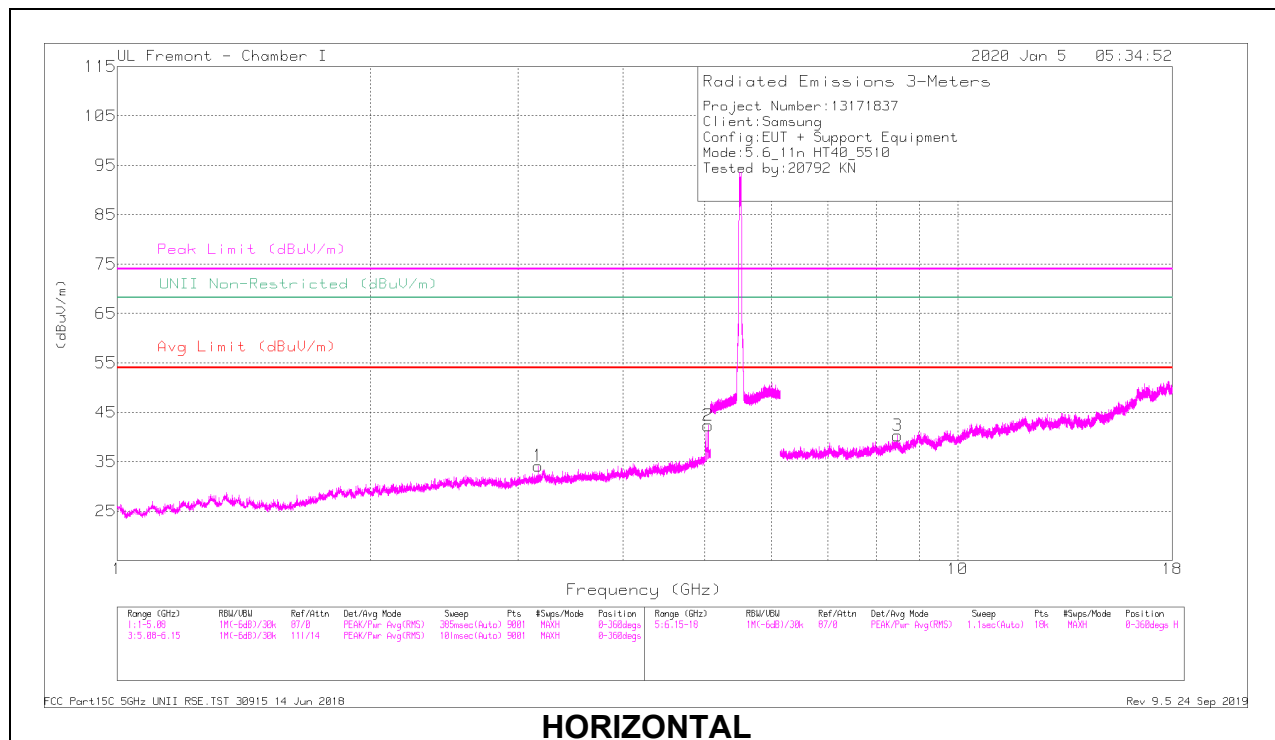
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	35.54	Pk	34.9	-16.6	0	53.84	68.2	-14.36	301	103	V
2	5.78354	38.81	Pk	35	-16.2	0	57.61	68.2	-10.59	301	103	V

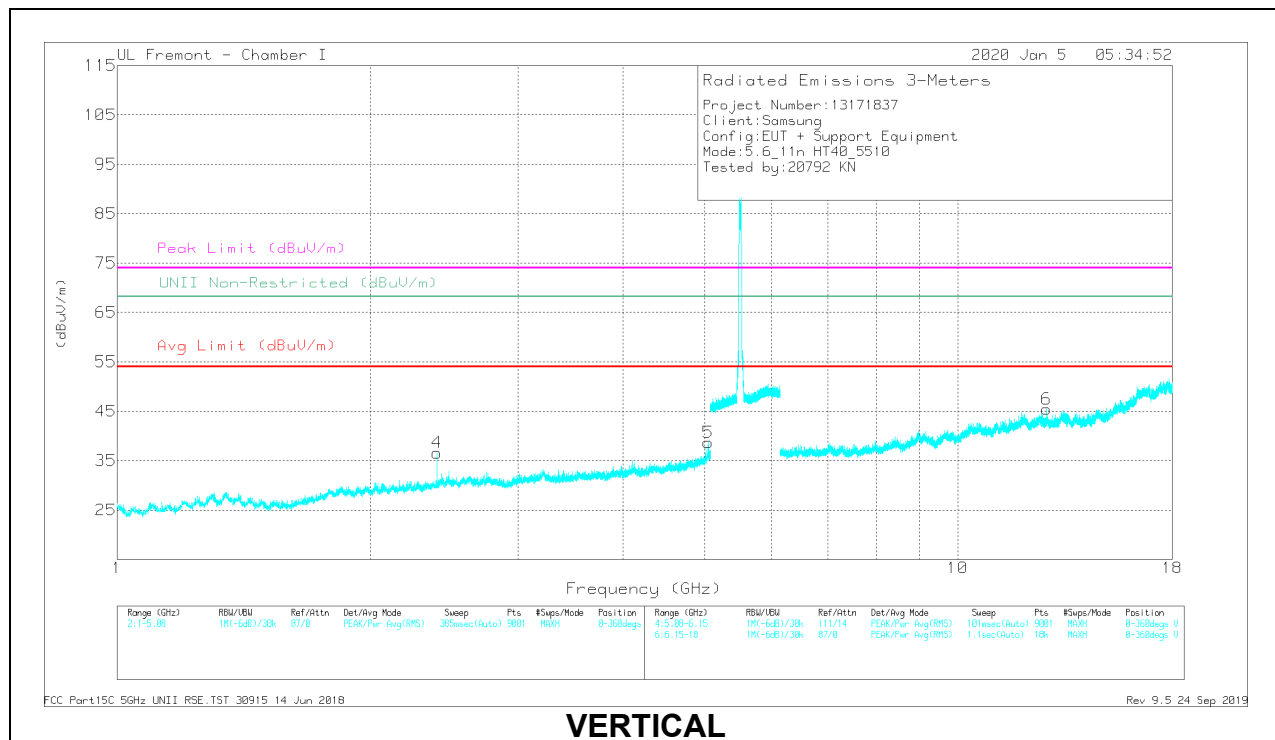
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

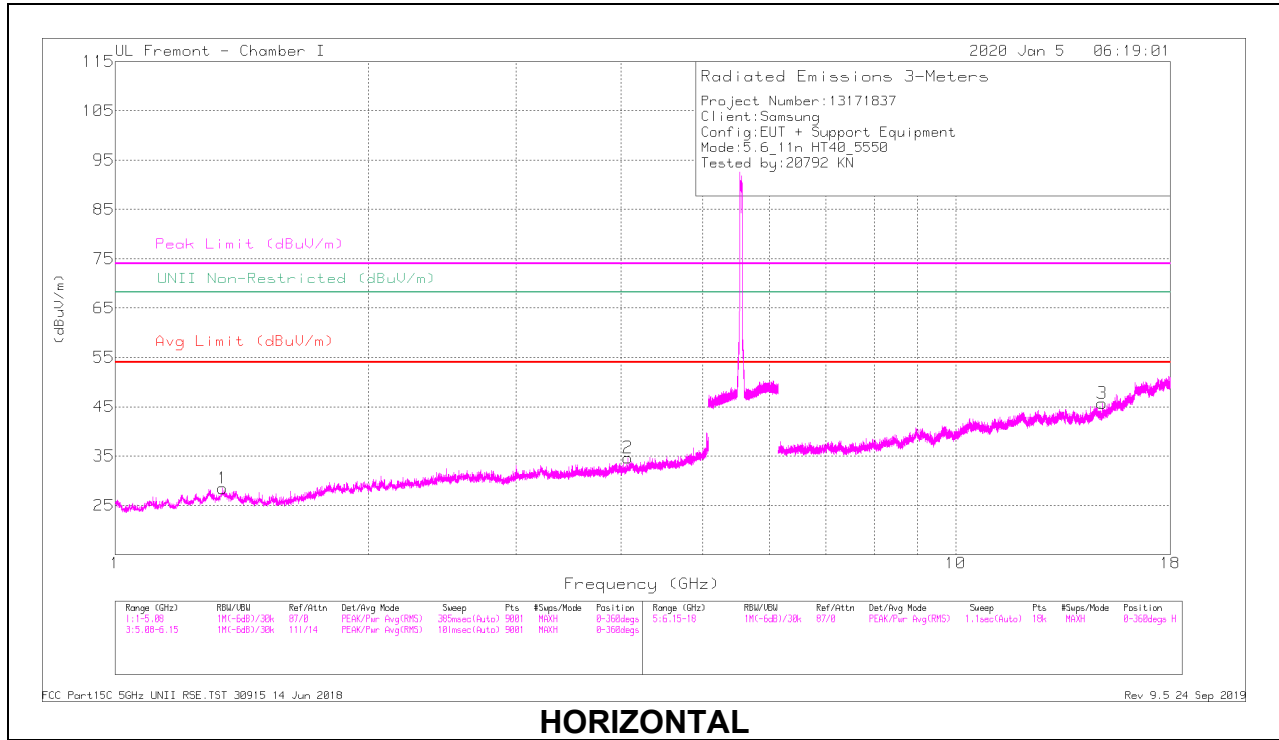
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.0479	40.14	PK-U	34.4	-24.4	0	50.14	-	-	74	-23.86	-	-	352	144	H
	* 5.0472	31	ADR	34.4	-24.4	.61	41.61	54	-12.39	-	-	-	-	352	144	H
1	3.16231	35.44	PK-U	32.7	-28.5	0	39.64	-	-	-	-	68.2	-28.56	155	171	H
5	* 5.04539	34.03	PK-U	34.4	-24.5	0	43.93	-	-	74	-30.07	-	-	164	265	V
	* 5.04666	24.39	ADR	34.4	-24.4	.61	35	54	-19	-	-	-	-	164	265	V
4	2.40227	43.43	PK-U	31.9	-30.2	0	45.13	-	-	-	-	68.2	-23.07	9	168	V
3	* 8.47748	28.28	PK-U	35.8	-17.7	0	46.38	-	-	74	-27.62	-	-	240	239	H
	* 8.47753	18.61	ADR	35.8	-17.7	.61	37.32	54	-16.68	-	-	-	-	240	239	H
6	12.76245	26.79	PK-U	39.1	-15	0	50.89	-	-	-	-	68.2	-17.31	159	191	V

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

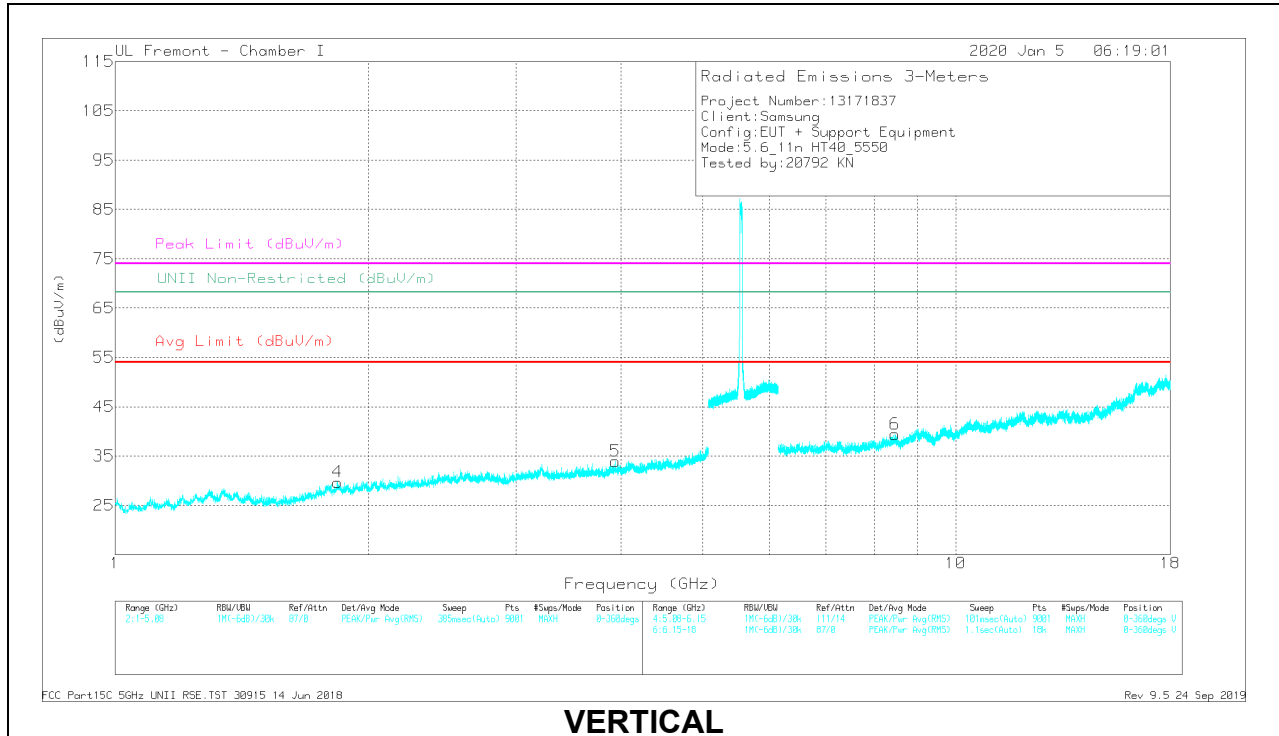
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

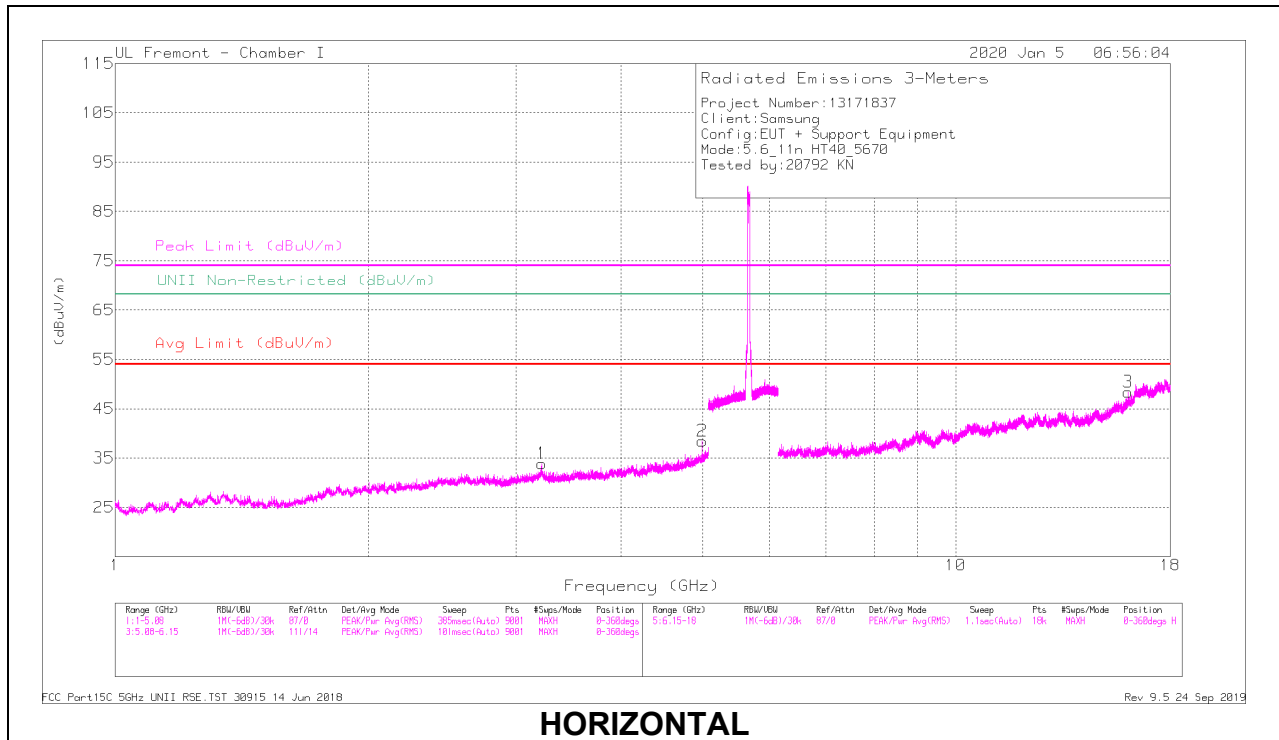
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.33752	39.28	PK-U	29.4	-32	0	36.68	-	-	74	-37.32	-	-	262	175	H
	* 1.34339	28.45	ADR	29.5	-32	.61	26.66	54	-27.44	-	-	-	-	262	175	H
2	* 4.07483	35.67	PK-U	33.4	-26.8	0	42.27	-	-	74	-31.73	-	-	109	398	H
	* 4.07348	24.74	ADR	33.4	-26.8	.61	31.95	54	-22.05	-	-	-	-	109	398	H
5	* 3.93448	34.95	PK-U	33.3	-27.1	0	41.15	-	-	74	-32.85	-	-	170	371	V
	* 3.93392	23.85	ADR	33.3	-27.1	.61	30.66	54	-23.34	-	-	-	-	170	371	V
4	1.83857	37.01	PK-U	30.7	-30.9	0	36.81	-	-	-	-	68.2	-31.39	337	286	V
3	14.93428	27.78	PK-U	39.7	-14.9	0	52.58	-	-	-	-	68.2	-15.62	185	327	H
6	* 8.46609	28.71	PK-U	35.9	-17.5	0	47.11	-	-	74	-26.89	-	-	48	139	V
	* 1.33752	39.28	PK-U	29.4	-32	0	36.68	-	-	74	-37.32	-	-	262	175	H

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

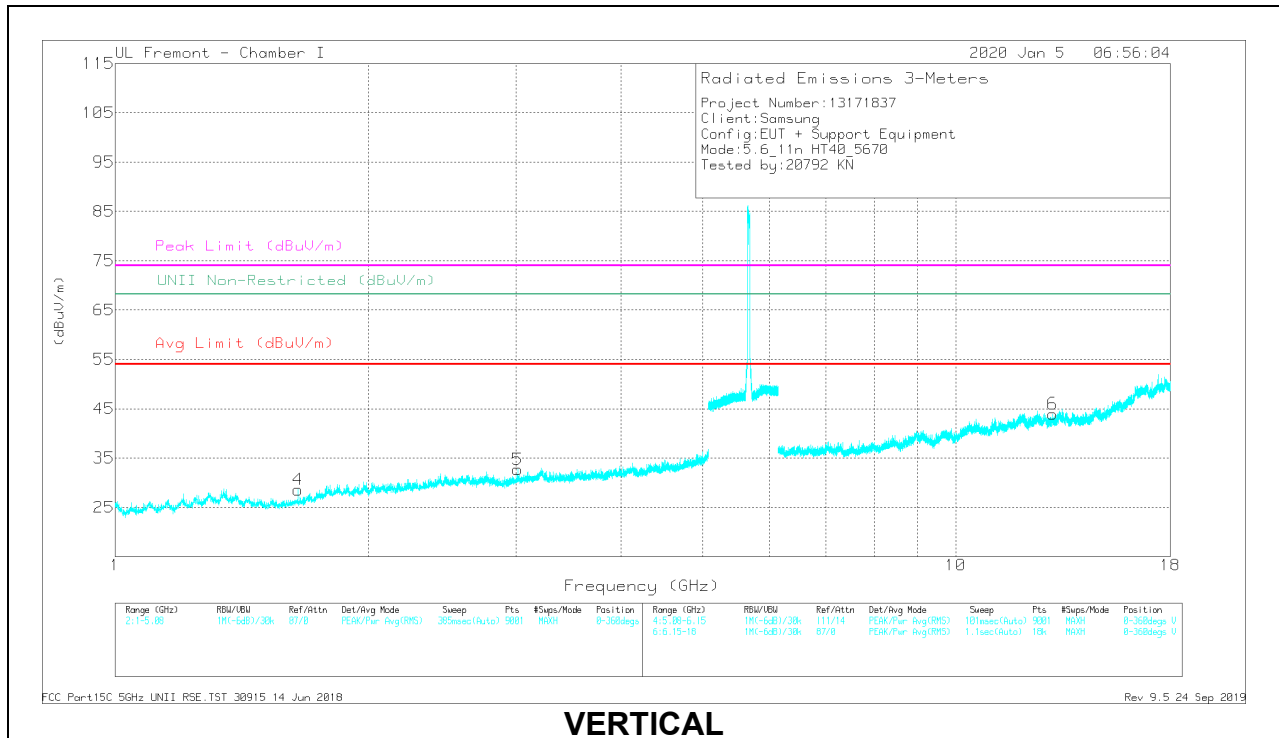
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

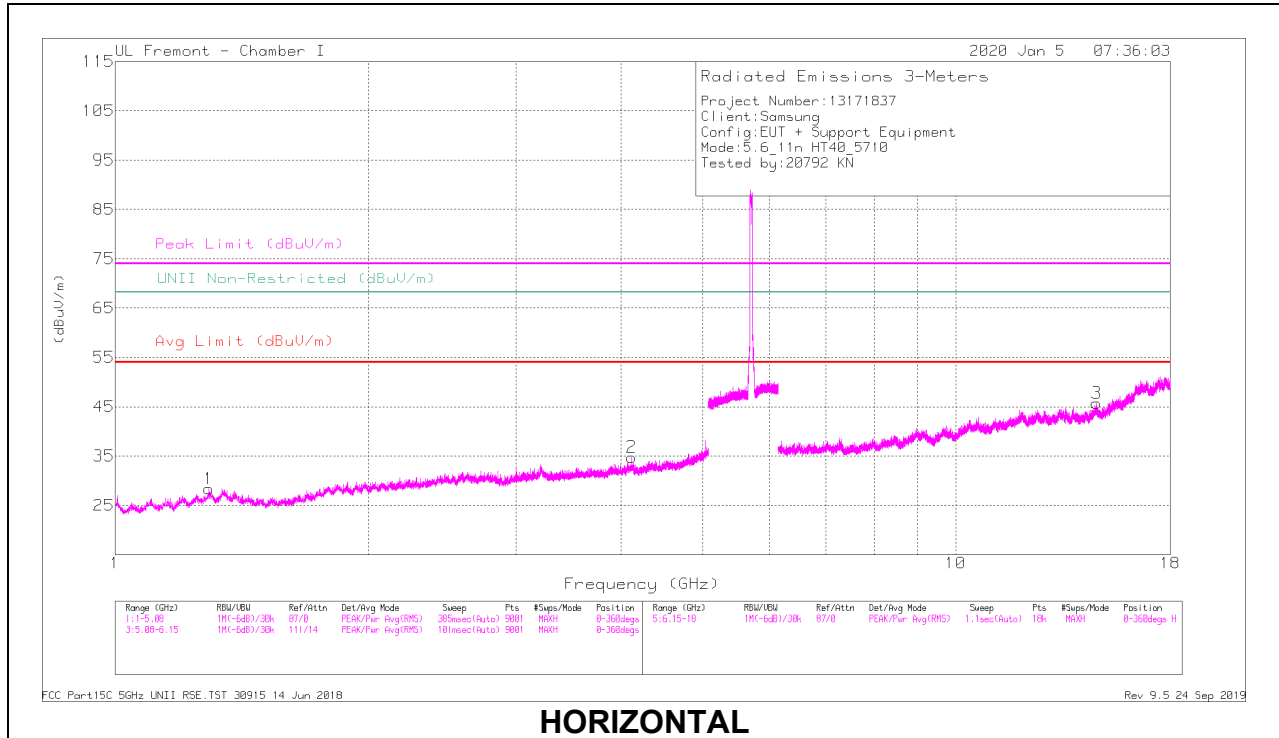
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 4.99589	36.12	PK-U	34.2	-24.9	0	45.42	-	-	74	-28.58	-	-	355	132	H
	* 4.99413	25.39	ADR	34.2	-24.9	.61	35.3	54	-18.7	-	-	-	-	355	132	H
1	3.2176	35.16	PK-U	33.4	-28.1	0	40.46	-	-	-	-	68.2	-27.74	230	252	H
4	1.64995	37.35	PK-U	28.5	-31.4	0	34.45	-	-	-	-	68.2	-33.75	278	292	V
5	3.01322	35.79	PK-U	32.5	-29	0	39.29	-	-	-	-	68.2	-28.91	288	159	V
3	* 16.03226	26.41	PK-U	40.4	-11.5	0	55.31	-	-	74	-18.69	-	-	323	356	H
	* 16.03046	15.57	ADR	40.4	-11.6	.61	44.98	54	-9.02	-	-	-	-	323	356	H
6	13.05046	27.53	PK-U	39.3	-16.2	0	50.63	-	-	-	-	68.2	-17.57	224	388	V

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

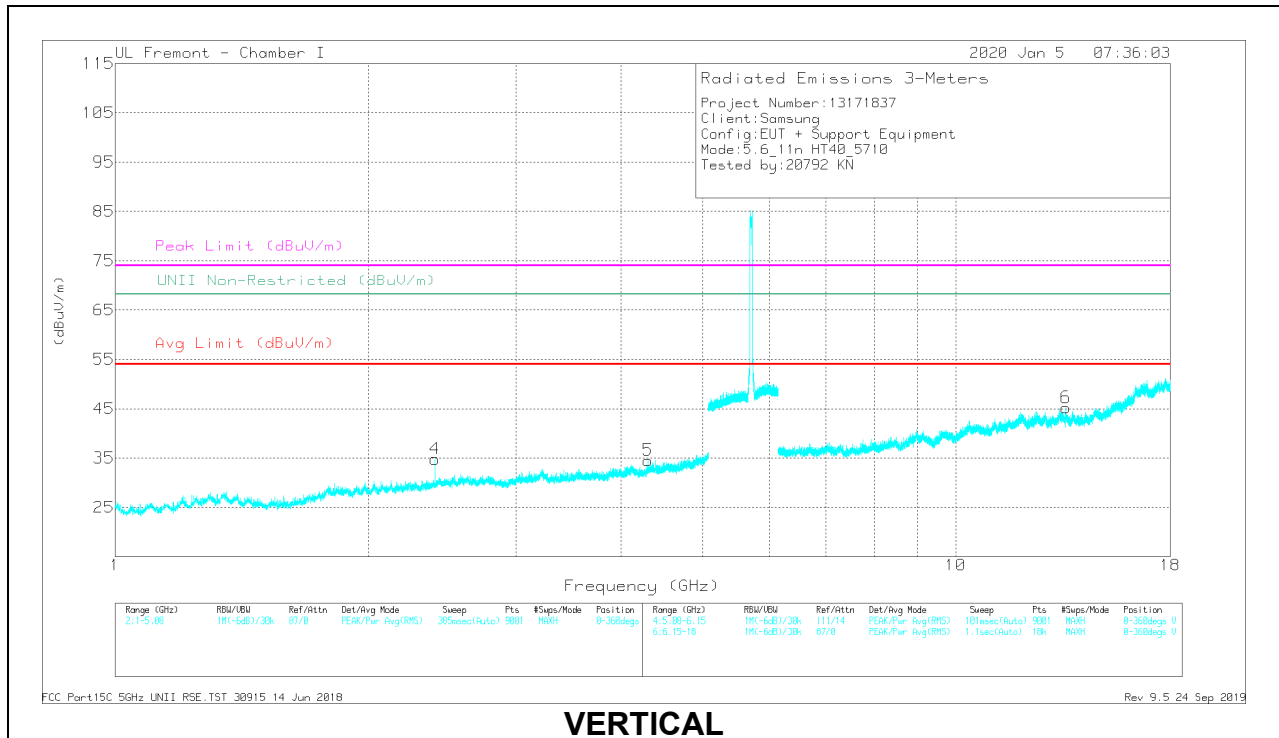
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 142 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/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	* 1.29314	38.2	PK-U	29.4	-32.2	0	35.4	-	-	74	-38.6	-	-	322	305	H
	* 1.2921	27.69	ADR	29.4	-32.1	.61	25.6	54	-28.4	-	-	-	-	322	305	H
2	* 4.11789	33.91	PK-U	33.3	-25.9	0	41.31	-	-	74	-32.69	-	-	48	153	H
	* 4.11946	24.04	ADR	33.3	-25.9	.61	32.05	54	-21.95	-	-	-	-	48	153	H
5	* 4.30717	35	PK-U	33.5	-26.2	0	42.3	-	-	74	-31.7	-	-	145	148	V
	* 4.30634	24.13	ADR	33.5	-26.3	.61	31.94	54	-22.06	-	-	-	-	145	148	V
4	2.40061	37.02	PK-U	31.9	-30.2	0	38.72	-	-	-	-	68.2	-29.48	346	154	V
3	14.70215	28.19	PK-U	40	-15.8	0	52.39	-	-	-	-	68.2	-15.81	180	326	H
6	13.5276	29.34	PK-U	39.3	-16.7	0	51.94	-	-	-	-	68.2	-16.26	203	235	V

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

PK-U - U-NII: Maximum Peak

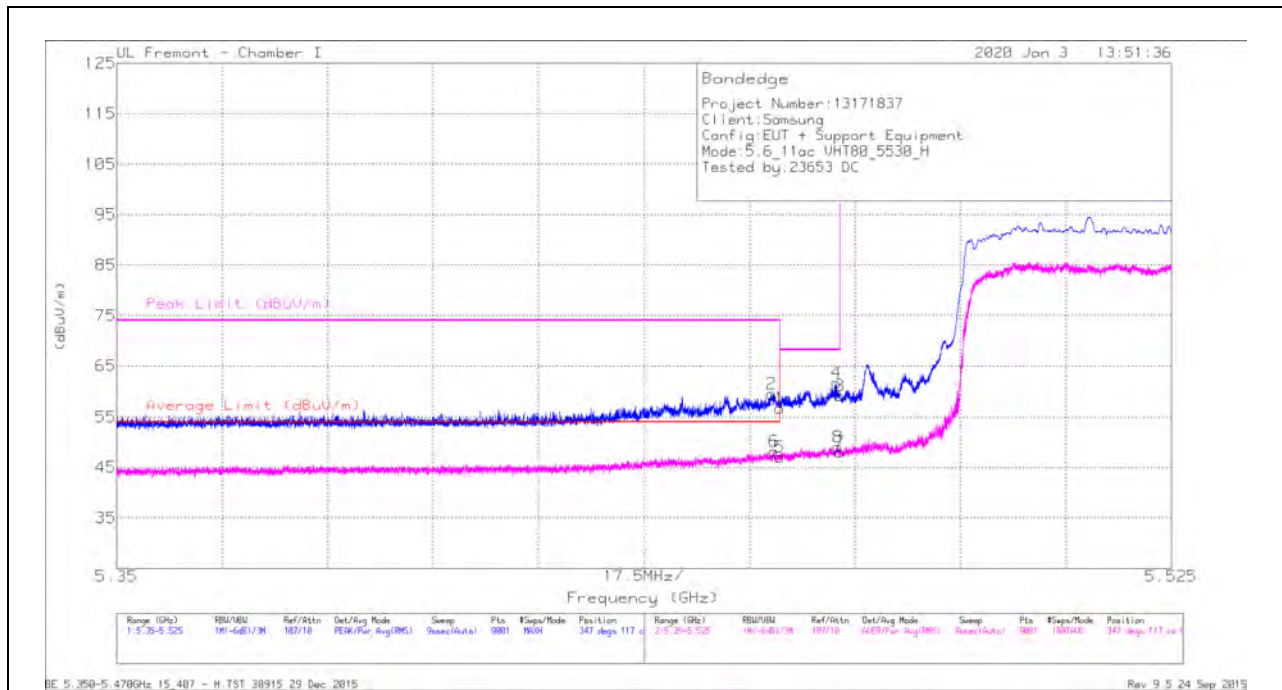
ADR - U-NII AD primary method, RMS average

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

1TX CHAIN 0 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

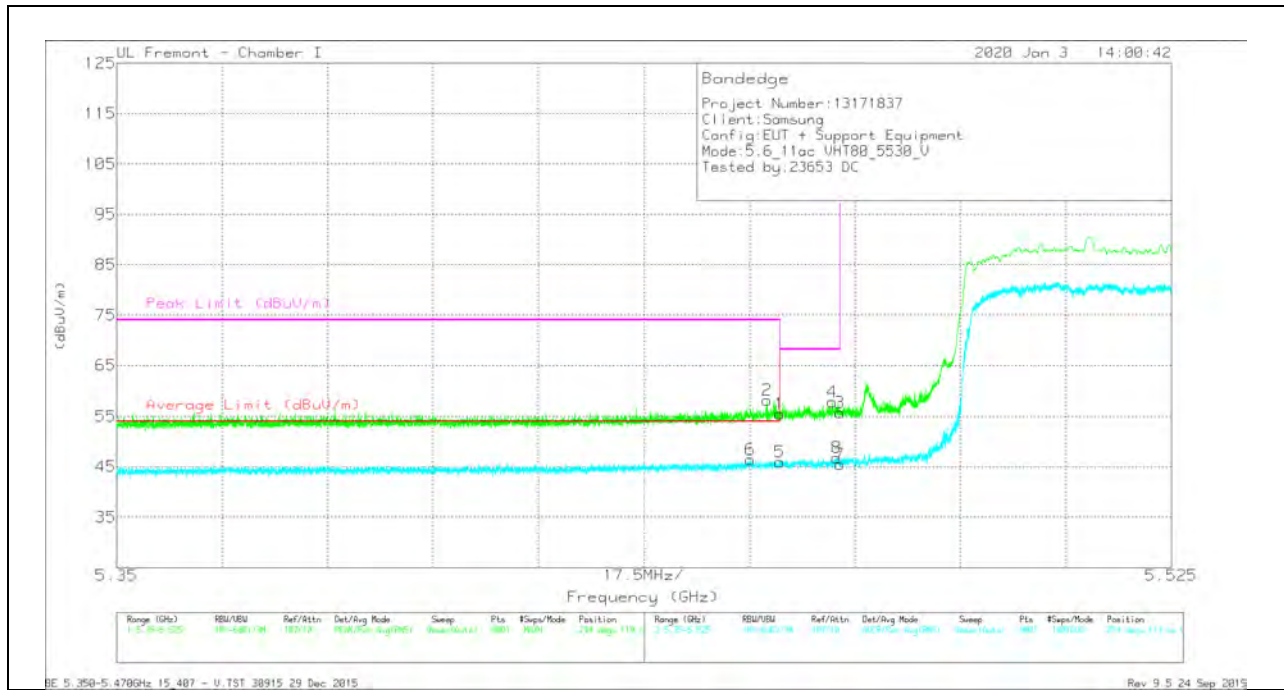
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.45999	37.73	Pk	34.9	-15.9	0	56.73	-	-	74	-17.27	347	117	H
2	*5.45861	40.51	Pk	34.9	-15.8	0	59.61	-	-	74	-14.39	347	117	H
3	5.46999	40.27	Pk	34.9	-15.9	0	59.27	-	-	68.2	-8.93	347	117	H
4	5.46943	42.71	Pk	34.9	-15.9	0	61.71	-	-	68.2	-6.49	347	117	H
5	*5.45999	26.88	RMS	34.9	-15.9	1.15	47.03	54	-6.97	-	-	347	117	H
6	*5.45902	27.97	RMS	34.9	-15.8	1.15	48.22	54	-5.78	-	-	347	117	H
7	5.46999	27.95	RMS	34.9	-15.9	1.15	48.1	-	-	-	-	347	117	H
8	5.46964	28.89	RMS	34.9	-15.9	1.15	49.04	-	-	-	-	347	117	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/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	*5.45999	36.51	Pk	34.9	-15.9	0	55.51	-	-	74	-18.49	294	119	V
2	*5.45788	39.15	Pk	34.9	-15.8	0	58.25	-	-	74	-15.75	294	119	V
3	5.46999	36.7	Pk	34.9	-15.9	0	55.7	-	-	68.2	-12.5	294	119	V
4	5.46878	38.91	Pk	34.9	-15.9	0	57.91	-	-	68.2	-10.29	294	119	V
5	*5.45999	25.77	RMS	34.9	-15.9	1.15	45.92	54	-8.08	-	-	294	119	V
6	*5.45511	26.23	RMS	34.9	-15.8	1.15	46.48	54	-7.52	-	-	294	119	V
7	5.46999	25.34	RMS	34.9	-15.9	1.15	45.49	-	-	-	-	294	119	V
8	5.46946	26.63	RMS	34.9	-15.9	1.15	46.78	-	-	-	-	294	119	V

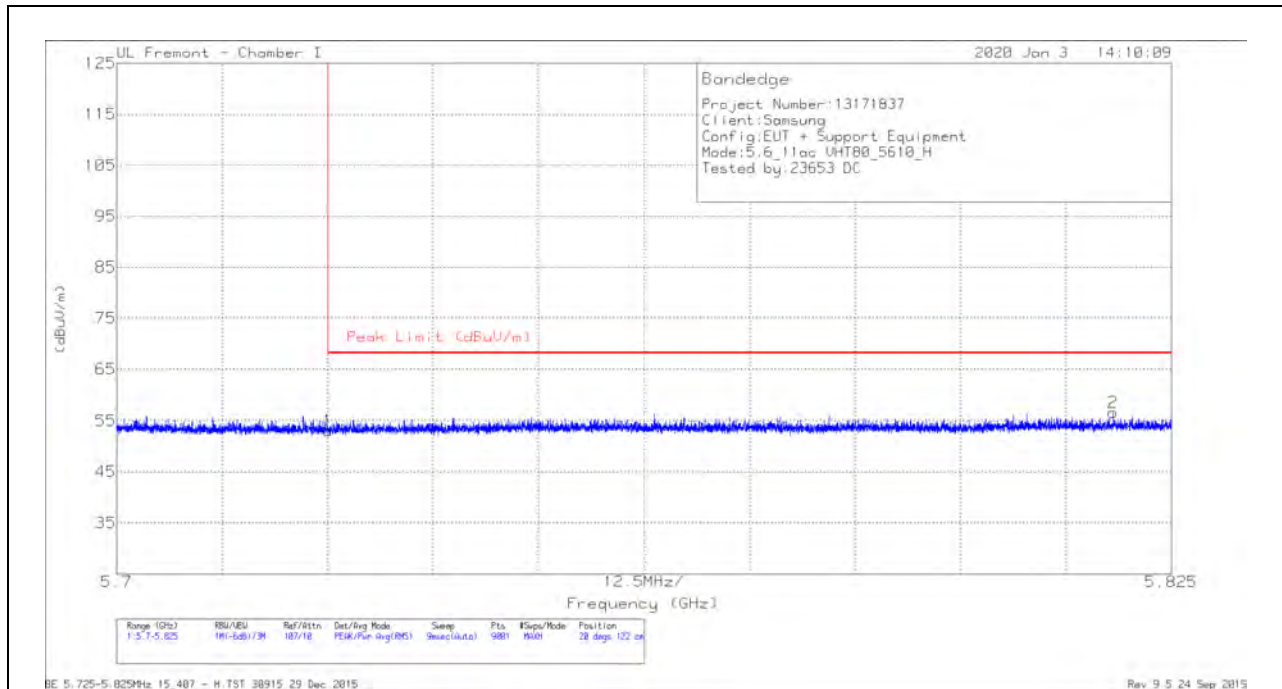
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

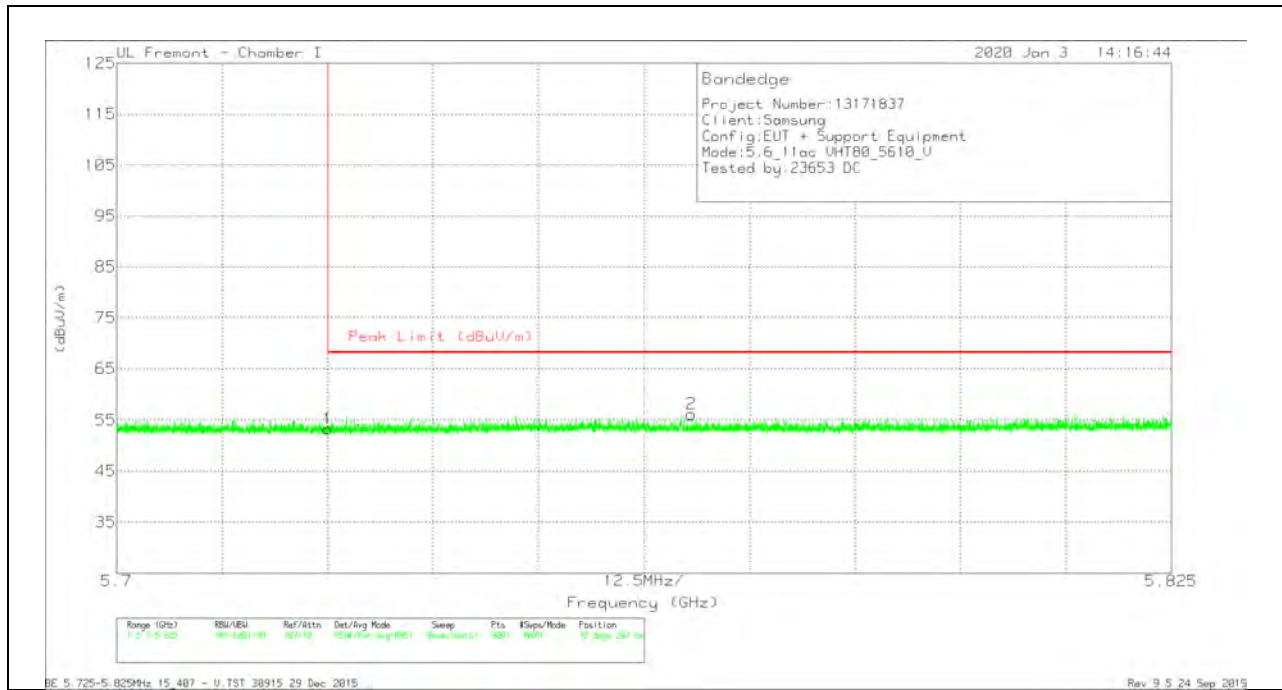


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	34.71	PK	34.9	-16.6	0	53.01	68.2	-15.19	20	122	H
2	5.81808	37.39	PK	35.1	-15.9	0	56.59	68.2	-11.61	20	122	H

Pk - Peak detector

VERTICAL RESULT



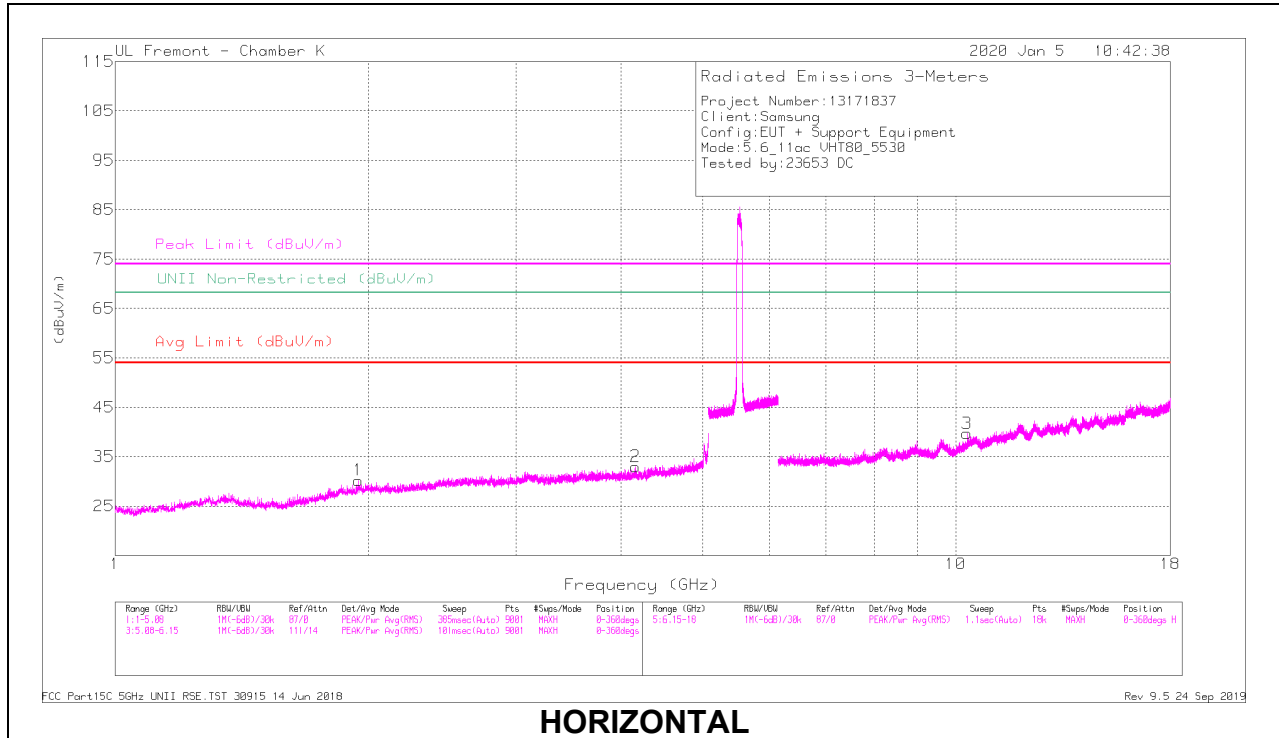
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	34.98	Pk	34.9	-16.6	0	53.28	68.2	-14.92	78	297	V
2	5.76808	37.5	Pk	35	-16.3	0	56.2	68.2	-12	78	297	V

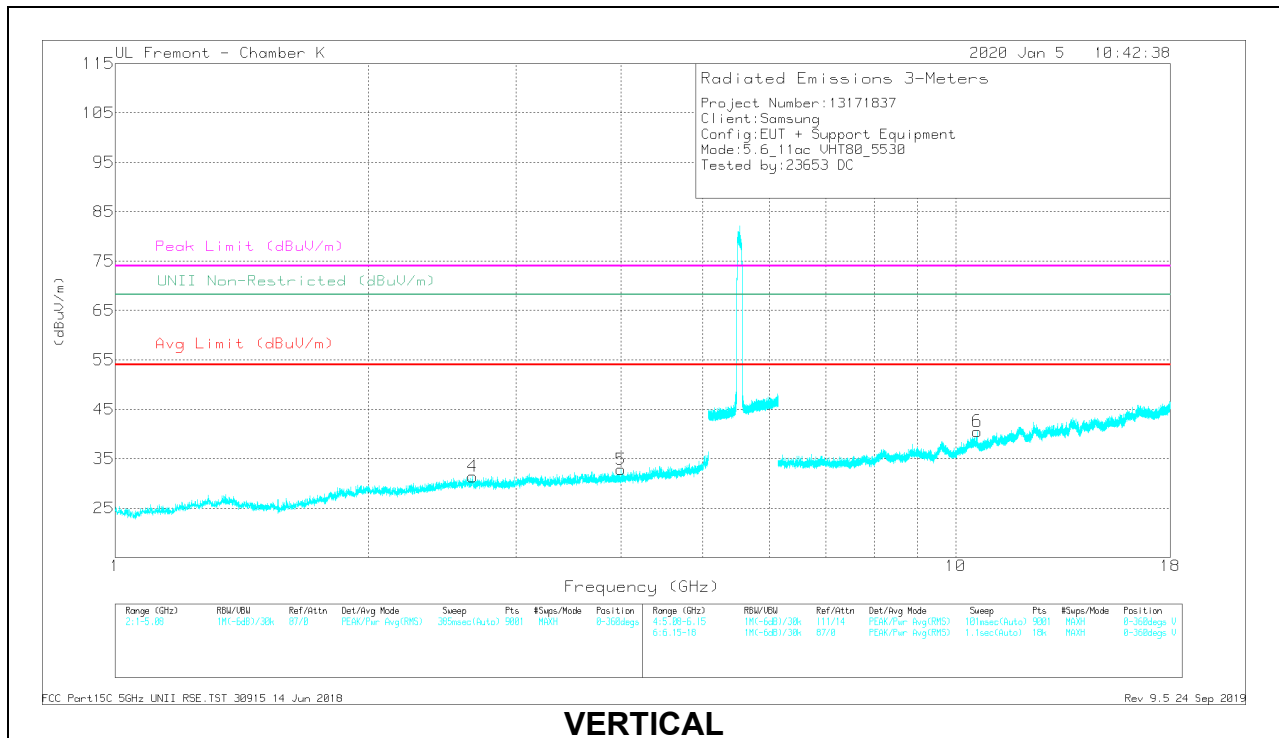
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

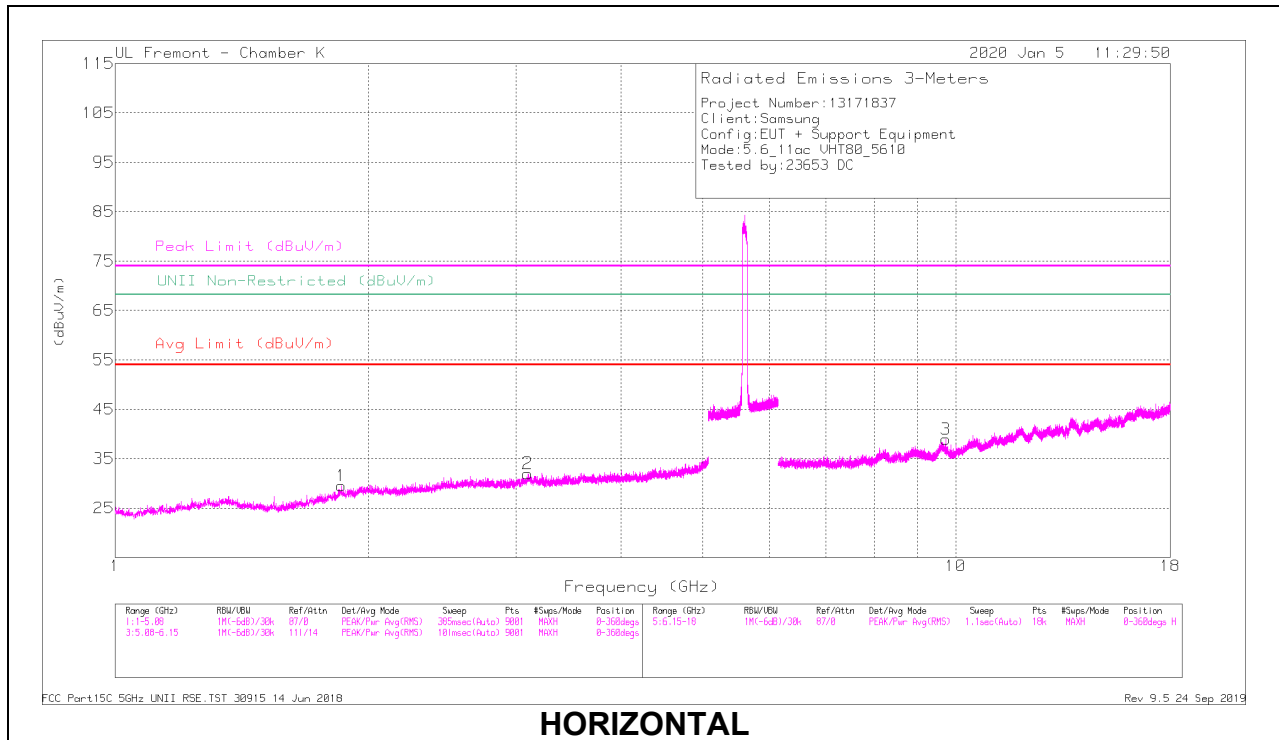
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.94746	40.64	PK-U	31.3	-35.2	0	36.74	-	-	-	-	68.2	-31.46	157	126	H
2	* 4.15768	38.25	PK-U	33.3	-31.3	0	40.25	-	-	74	-33.75	-	-	344	289	H
	* 4.15683	27.73	ADR	33.3	-31.3	1.15	30.88	54	-23.12	-	-	-	-	344	289	H
4	* 2.66054	40.53	PK-U	32.6	-34.4	0	38.73	-	-	74	-35.27	-	-	59	330	V
	* 2.65947	30.32	ADR	32.6	-34.4	1.15	29.67	54	-24.33	-	-	-	-	59	330	V
5	* 3.99642	38.24	PK-U	33.4	-31.5	0	40.14	-	-	74	-33.86	-	-	234	216	V
	* 3.99663	27.21	ADR	33.4	-31.5	1.15	30.26	54	-23.74	-	-	-	-	234	216	V
3	10.31299	31.02	PK-U	37.5	-23.4	0	45.12	-	-	-	-	68.2	-23.08	177	222	H
6	* 10.60377	31.62	PK-U	37.9	-22.6	0	46.92	-	-	74	-27.08	-	-	168	236	V
	1.94746	40.64	PK-U	31.3	-35.2	0	36.74	-	-	-	-	68.2	-31.46	157	126	H

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

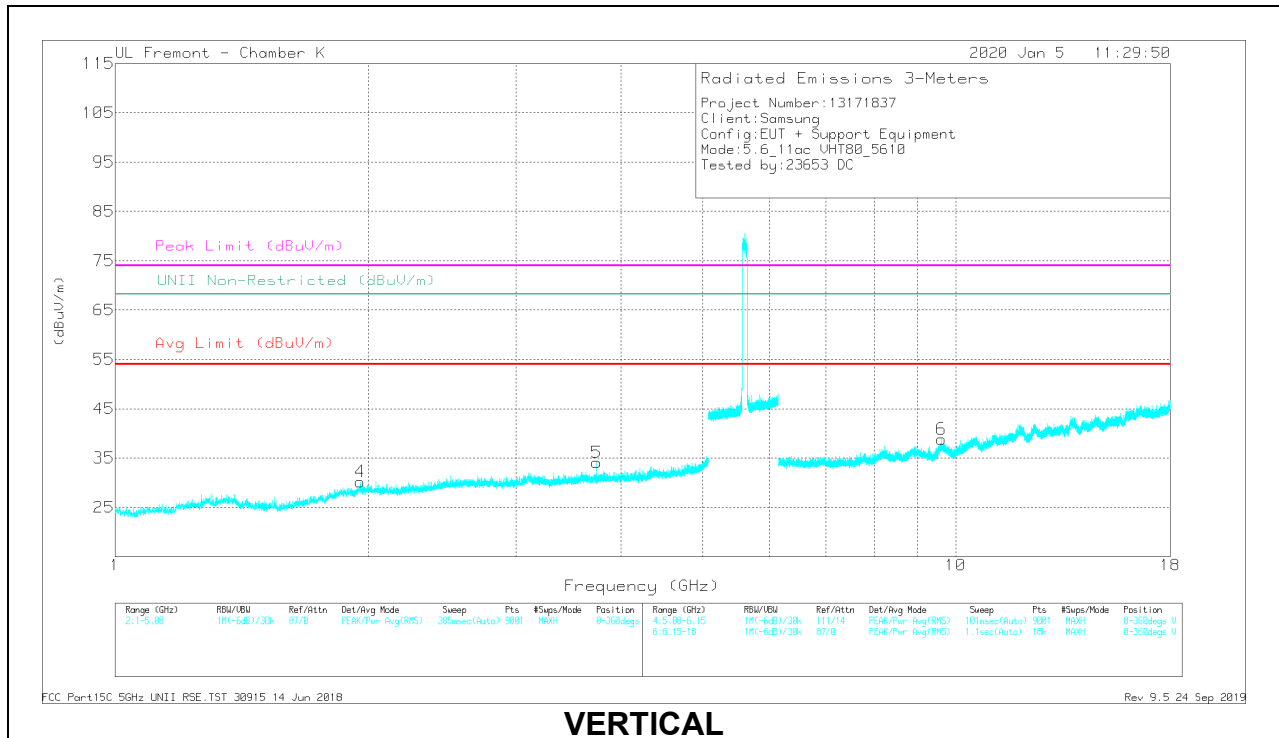
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

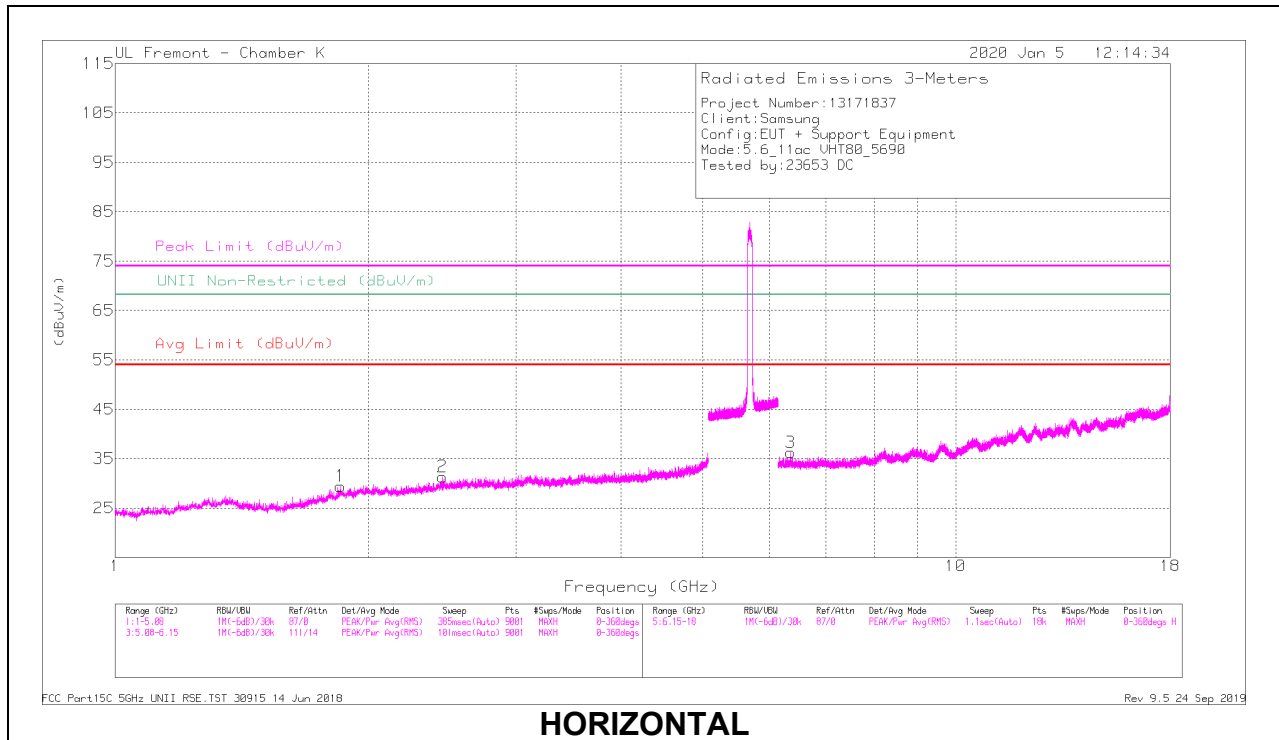
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cb/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.85891	42.16	PK-U	30.8	-35.1	0	37.86	-	-	-	-	68.2	-30.34	82	107	H
2	3.09635	39.18	PK-U	33.6	-34	0	38.78	-	-	-	-	68.2	-29.42	332	222	H
4	1.9556	40.74	PK-U	31.5	-35.2	0	37.04	-	-	-	-	68.2	-31.16	127	366	V
5	* 3.73857	38.83	PK-U	33.1	-31.9	0	40.03	-	-	74	-33.97	-	-	360	192	V
	* 3.74004	28.97	ADR	33.1	-31.9	1.15	31.32	54	-22.68	-	-	-	-	360	192	V
3	9.73105	31.56	PK-U	37.2	-23.6	0	45.16	-	-	-	-	68.2	-23.04	123	271	H
6	9.61777	31.57	PK-U	37.1	-23.3	0	45.37	-	-	-	-	68.2	-22.83	55	156	V

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

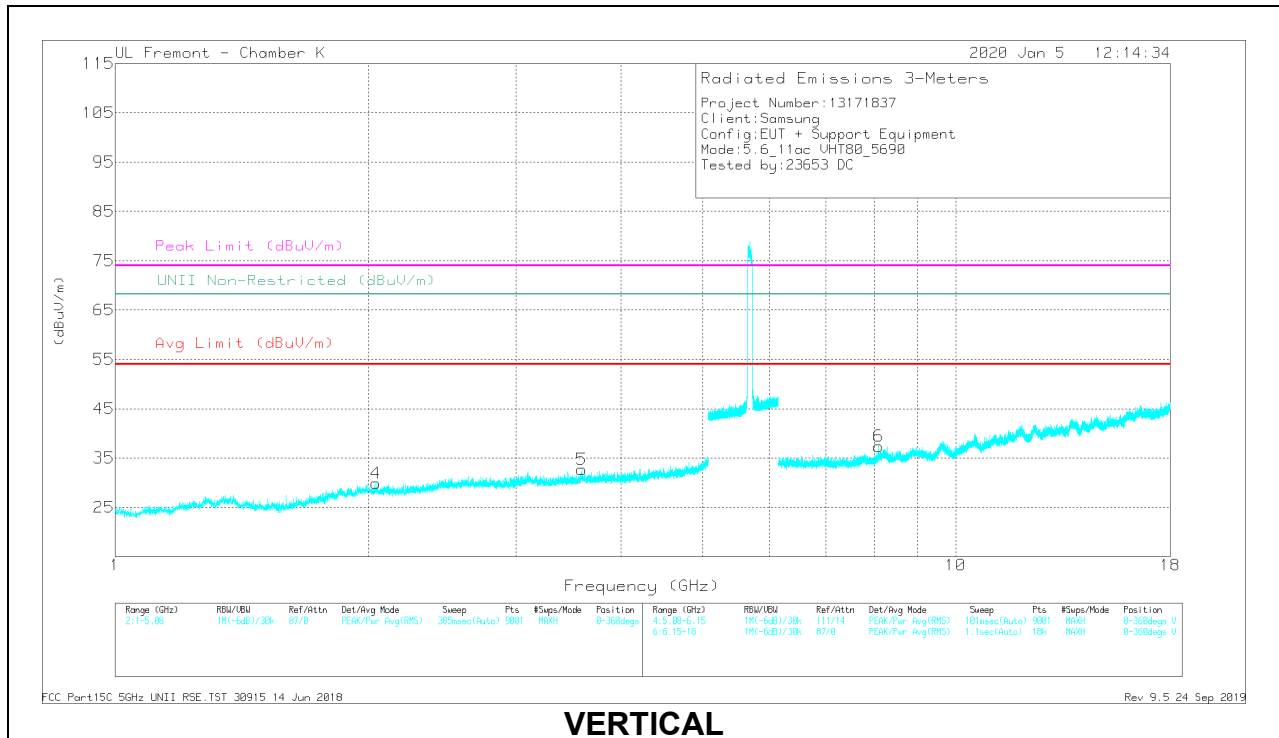
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 138 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Fitr/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	1.85337	41.04	PK-U	30.9	-35.1	0	36.84	-	-	-	-	68.2	-31.36	263	164	H
2	2.45267	41.6	PK-U	32.3	-34.9	0	39	-	-	-	-	68.2	-29.2	302	123	H
4	2.04261	41.1	PK-U	31.4	-35.1	0	37.4	-	-	-	-	68.2	-30.8	258	260	V
5	* 3.58811	39.41	PK-U	34.2	-32.4	0	41.21	-	-	74	-32.79	-	-	106	367	V
	* 3.58983	27.93	ADR	34.2	-32.4	1.15	30.88	54	-23.12	-	-	-	-	106	367	V
3	6.36585	33.91	PK-U	35.7	-27.2	0	42.41	-	-	-	-	68.2	-25.79	309	172	H
6	* 8.09079	33.36	PK-U	35.8	-25.4	0	43.76	-	-	74	-30.24	-	-	259	202	V
	* 8.09209	23.23	ADR	35.8	-25.4	1.15	34.78	54	-19.22	-	-	-	-	259	202	V

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

PK-U - U-NII: Maximum Peak

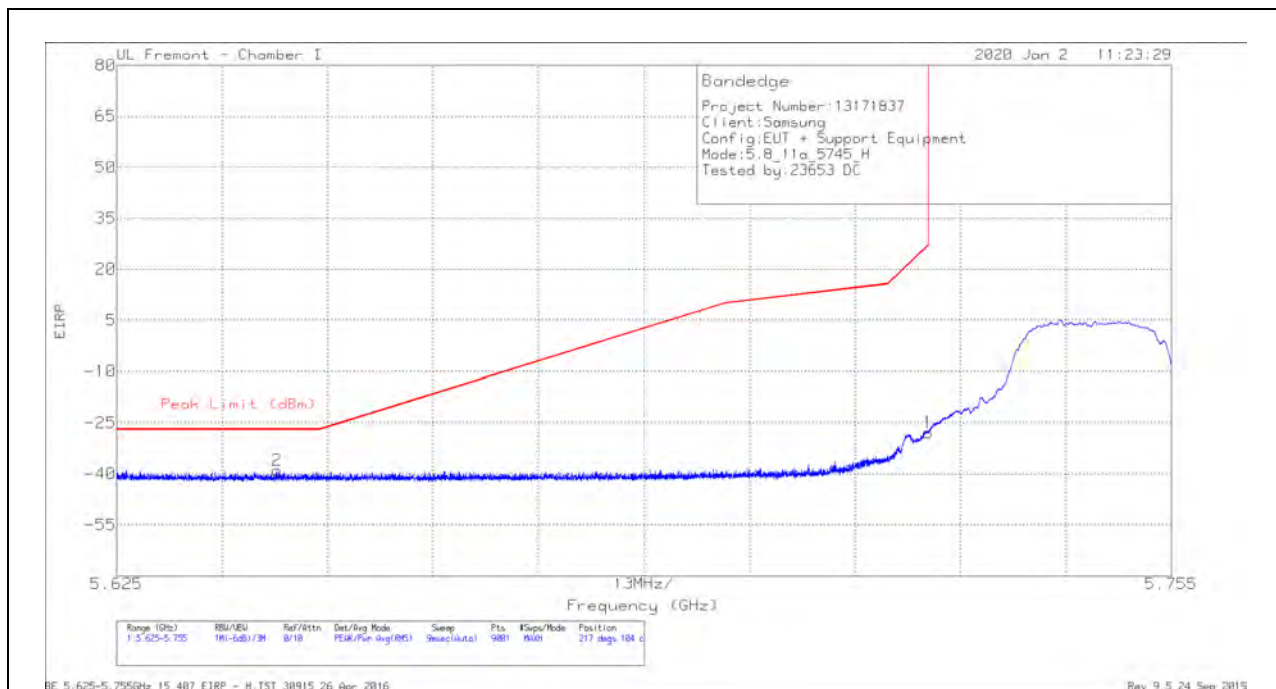
ADR - U-NII AD primary method, RMS average

9.1.13. TX ABOVE 1 GHz 802.11a MODE IN THE 5.8 GHz BAND

1TX CHAIN 0 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

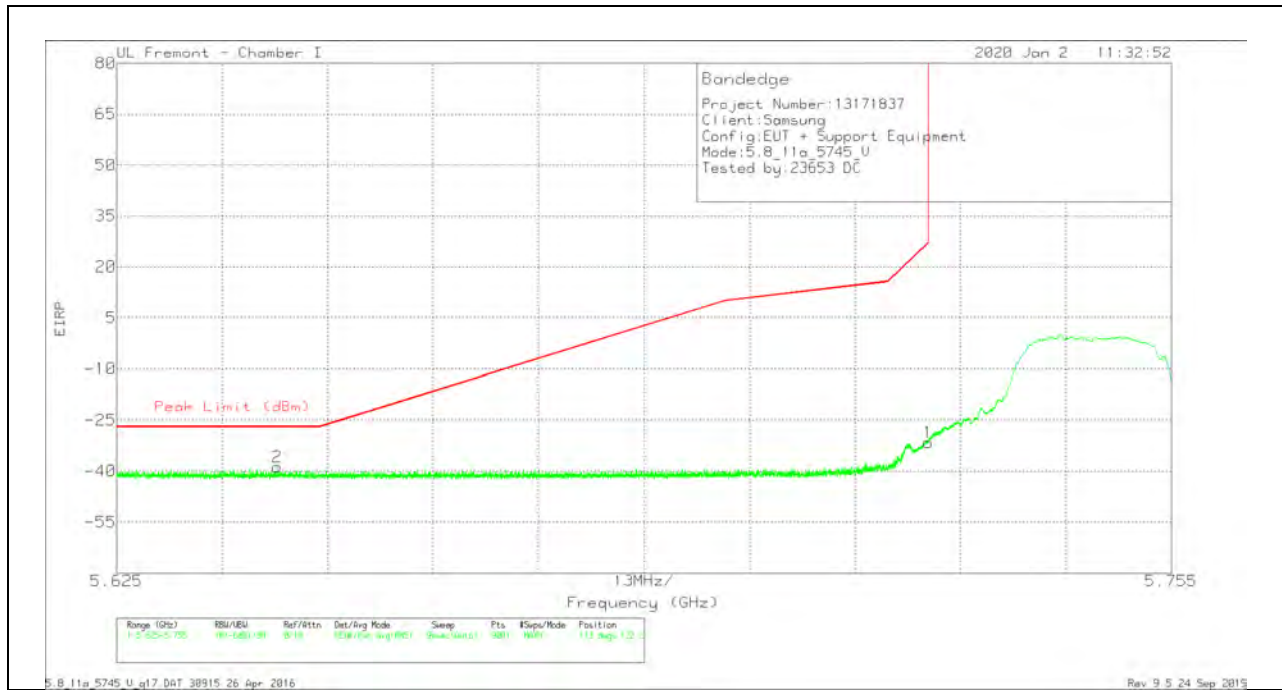


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/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	-57.94	Pk	34.9	-16.6	11.8	0	-27.84	26.99	-54.83	217	104	H
2	5.64473	-69.18	Pk	35.1	-16.7	11.8	0	-38.98	-27	-11.98	217	104	H

Pk - Peak detector

VERTICAL RESULT



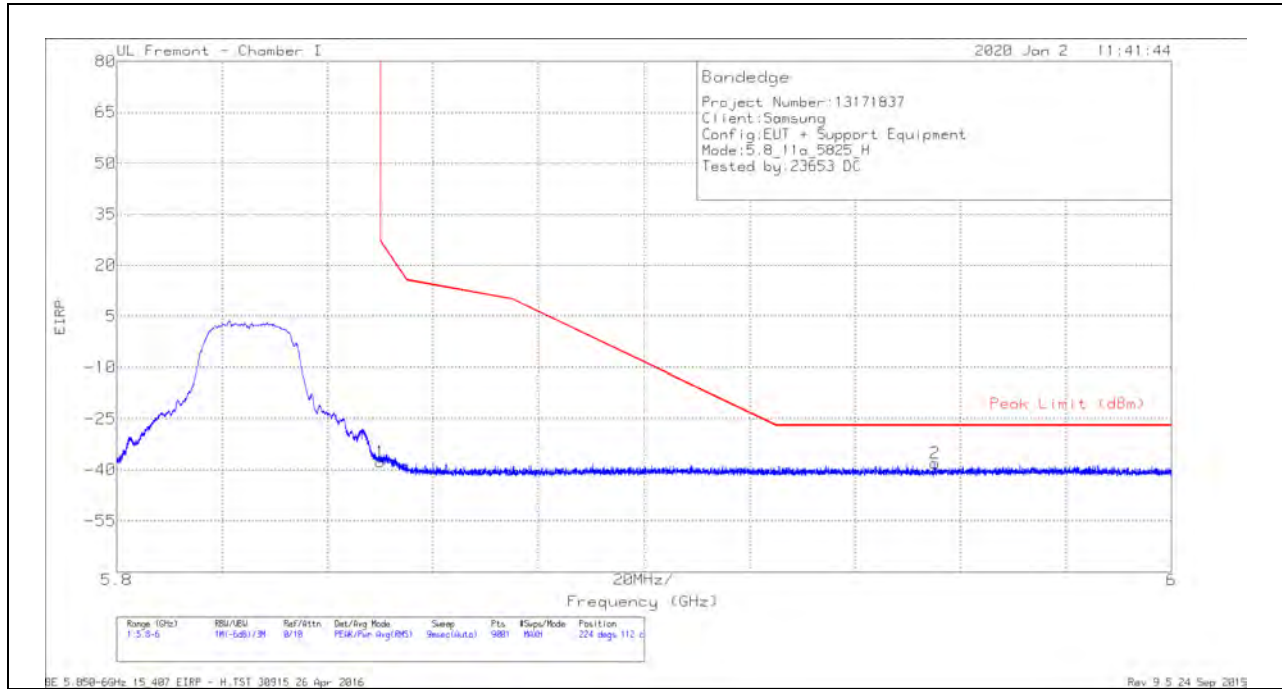
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/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	-61.64	Pk	34.9	-16.6	11.8	0	-31.54	26.99	-58.53	113	122	V
2	5.64479	-68.92	Pk	35.1	-16.7	11.8	0	-38.72	-27	-11.72	113	122	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

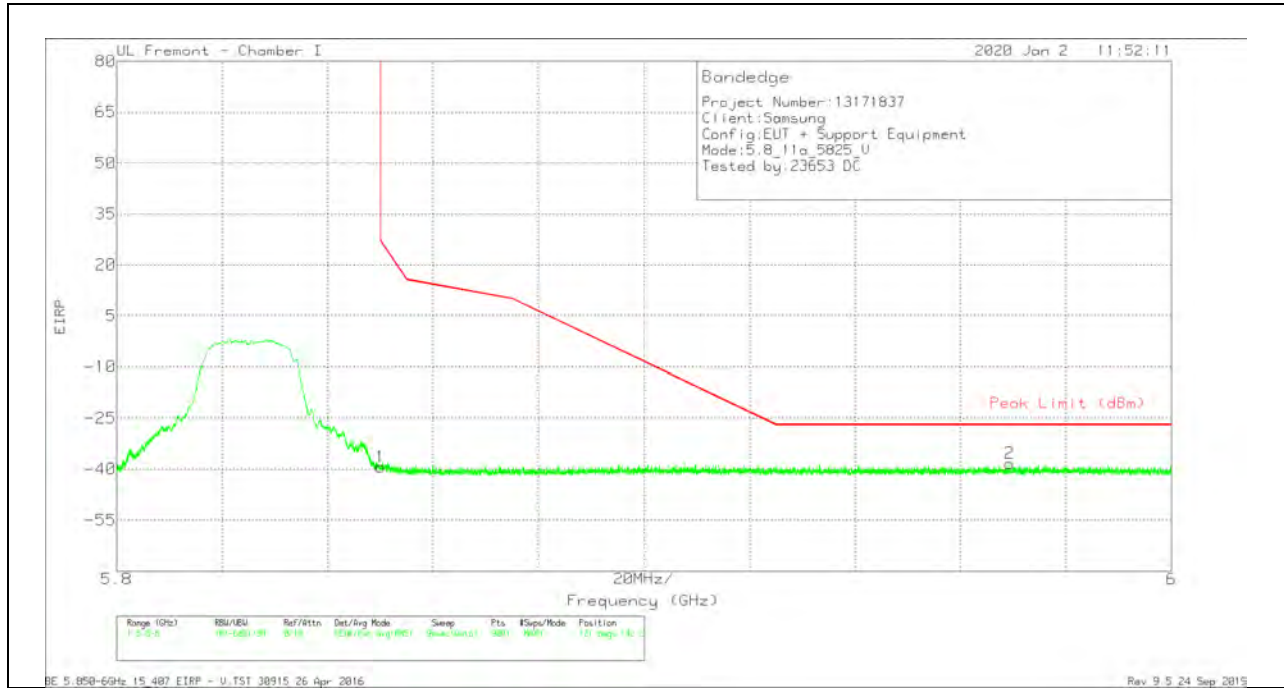


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cb/Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-68.93	Pk	35.1	-15.6	11.8	0	-37.63	26.95	-64.58	224	112	H
2	5.95518	-69.37	Pk	35.1	-15.5	11.8	0	-37.97	-27	-10.97	224	112	H

Pk - Peak detector

VERTICAL RESULT



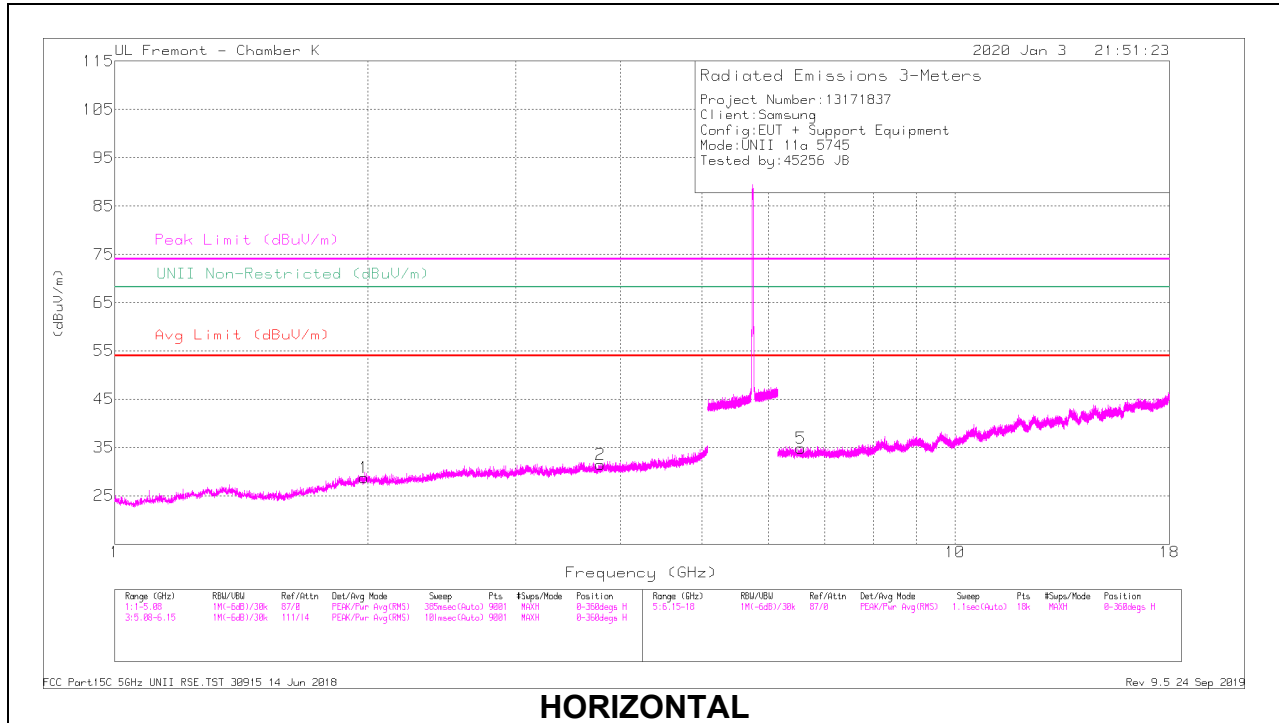
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-70.6	Pk	35.1	-15.6	11.8	0	-39.3	26.95	-66.25	121	142	V
2	5.96933	-69.91	Pk	35.2	-15.4	11.8	0	-38.31	-27	-11.31	121	142	V

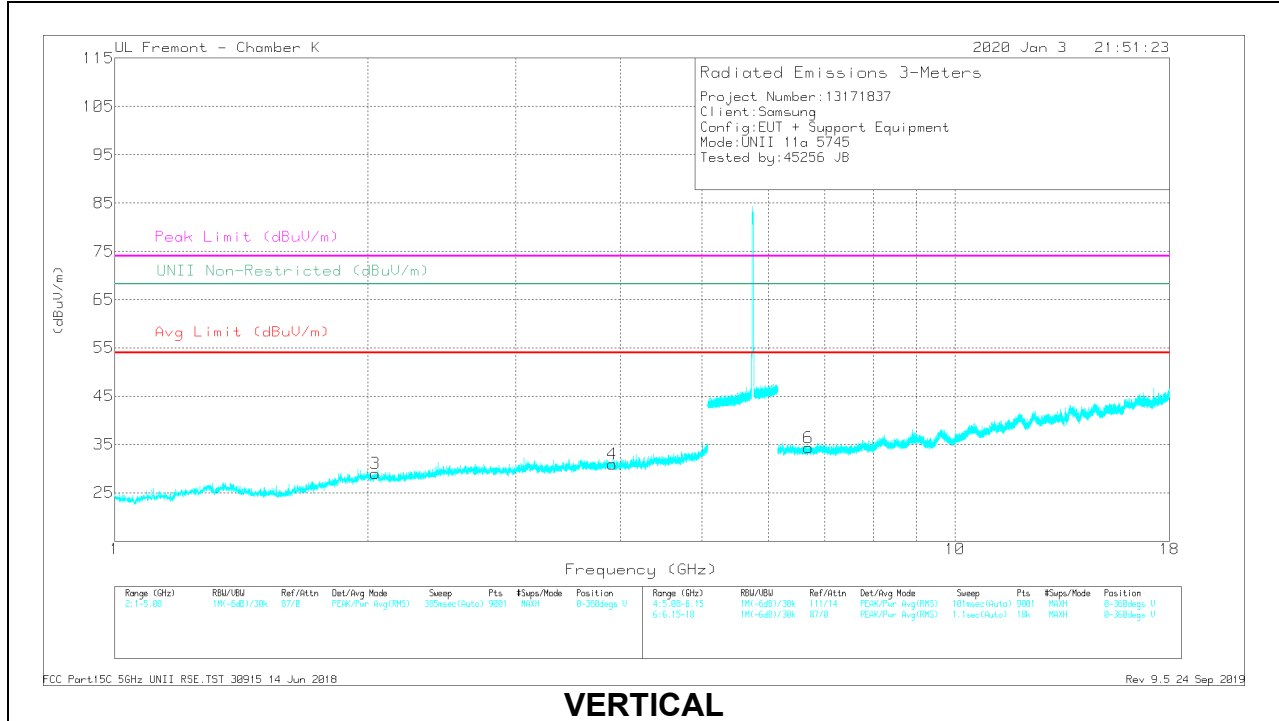
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

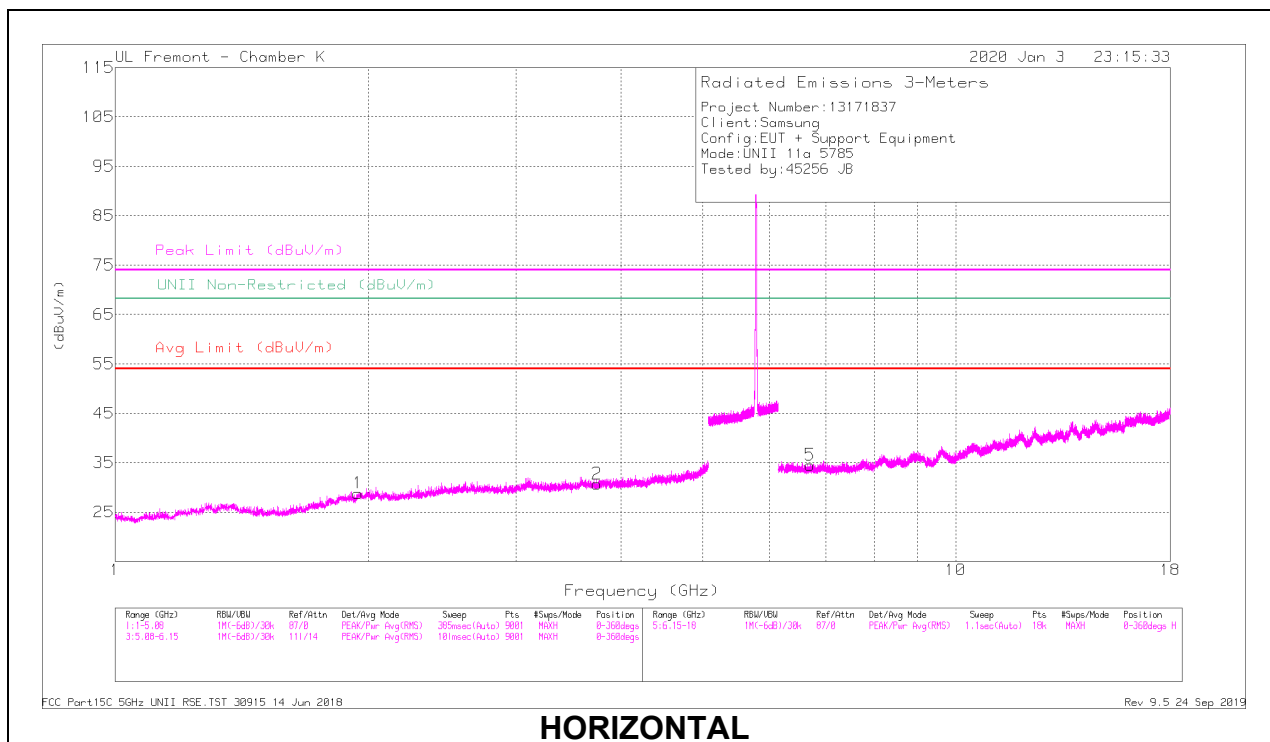
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.78678	37.44	PK-U	33.3	-31.8	0	38.94	-	-	74	-35.06	-	-	136	340	H
	* 3.7857	27.37	ADR	33.3	-31.9	.34	29.11	54	-24.89	-	-	-	-	136	340	H
1	1.97884	39.64	PK-U	31.5	-35.2	0	35.94	-	-	-	-	68.2	-32.26	193	295	H
4	* 3.90943	37.53	PK-U	33.4	-31.6	0	39.33	-	-	74	-34.67	-	-	49	289	V
	* 3.90909	27.13	ADR	33.4	-31.6	.34	29.27	54	-24.73	-	-	-	-	49	289	V
3	2.04027	41.1	PK-U	31.4	-35.1	0	37.4	-	-	-	-	68.2	-30.8	99	161	V
5	6.55307	34.67	PK-U	35.6	-27.1	0	43.17	-	-	-	-	68.2	-25.03	195	281	H
6	6.68783	33.26	PK-U	35.8	-27.2	0	41.86	-	-	-	-	68.2	-26.34	148	324	V

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

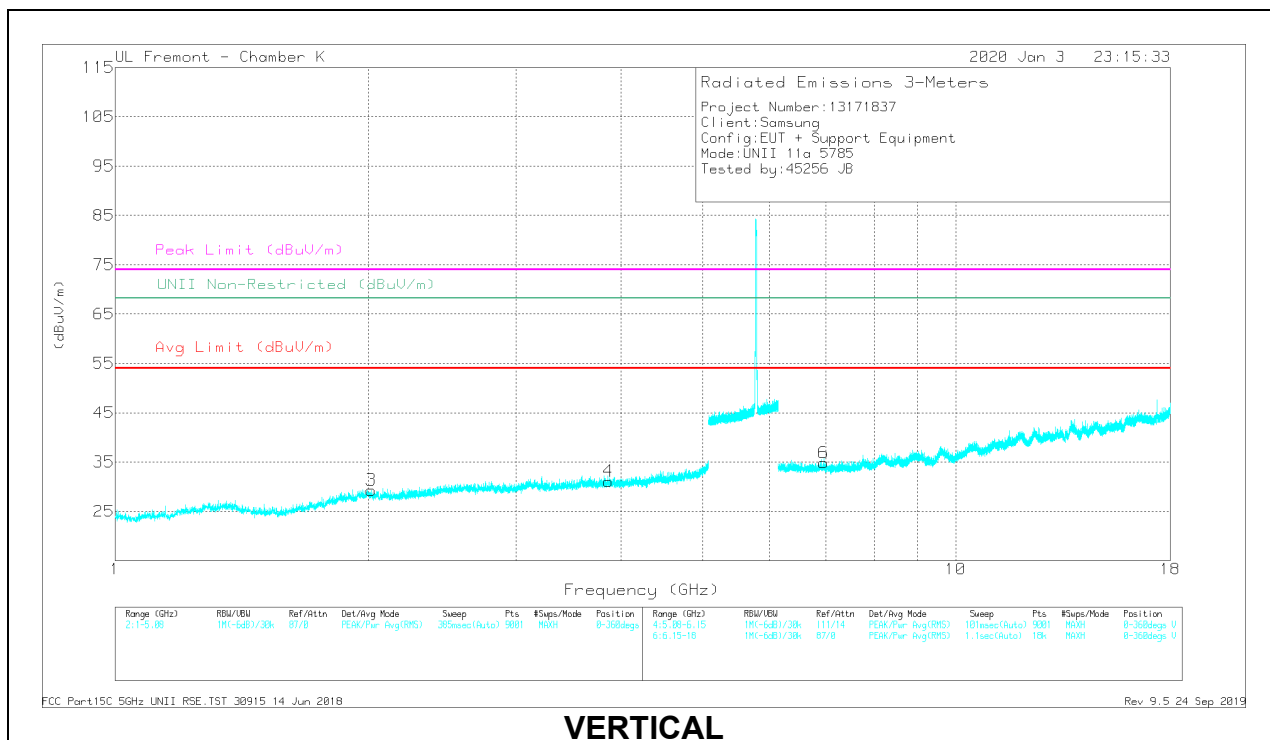
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

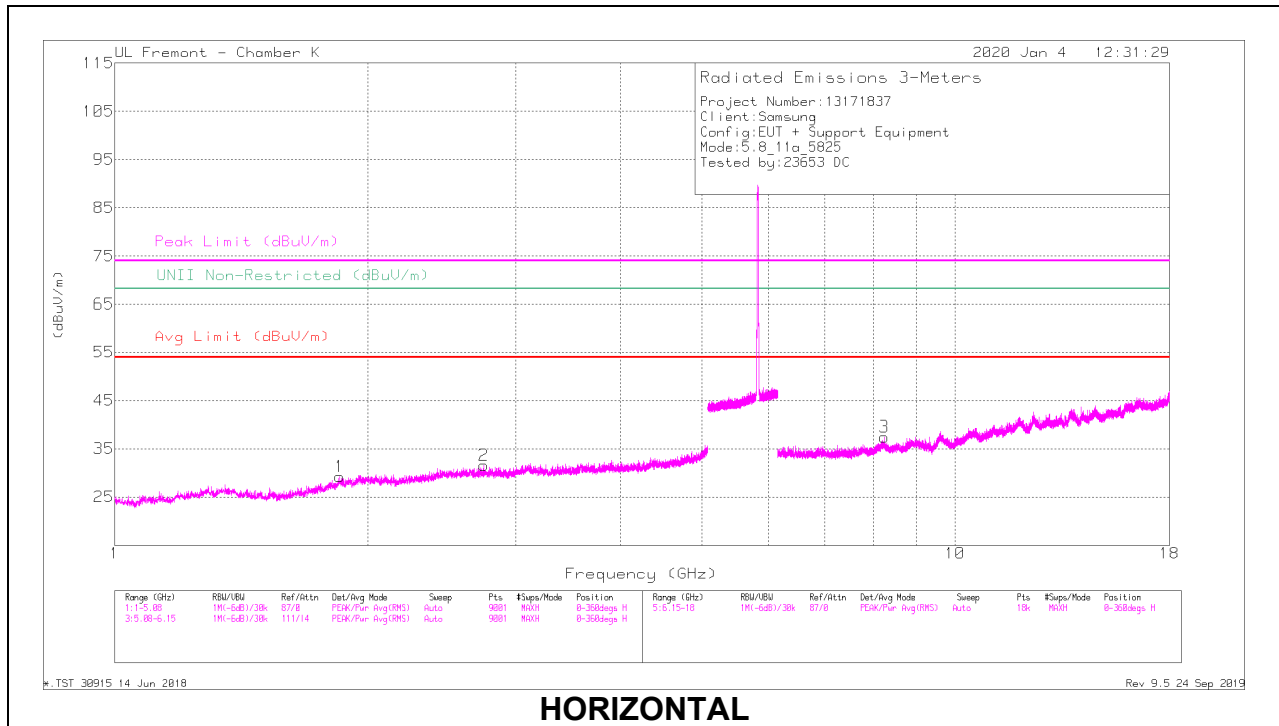
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.74532	37.67	PK-U	33.1	-31.9	0	38.87	-	-	74	-35.13	-	-	222	155	H
	* 3.74443	27.35	ADR	33.1	-31.9	.34	28.89	54	-25.11	-	-	-	-	222	155	H
1	1.94398	40.51	PK-U	31.3	-35.2	0	36.61	-	-	-	-	68.2	-31.59	329	116	H
4	* 3.86145	37.31	PK-U	33.4	-31.7	0	39.01	-	-	74	-34.99	-	-	89	262	V
	* 3.85893	27.35	ADR	33.4	-31.6	.34	29.49	54	-24.51	-	-	-	-	89	262	V
3	2.0146	40.28	PK-U	31.4	-35.1	0	36.58	-	-	-	-	68.2	-31.62	220	247	V
5	6.70786	33.14	PK-U	35.8	-27	0	41.94	-	-	-	-	68.2	-26.26	100	255	H
6	6.96124	33.47	PK-U	35.7	-26.5	0	42.67	-	-	-	-	68.2	-25.53	46	99	V

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

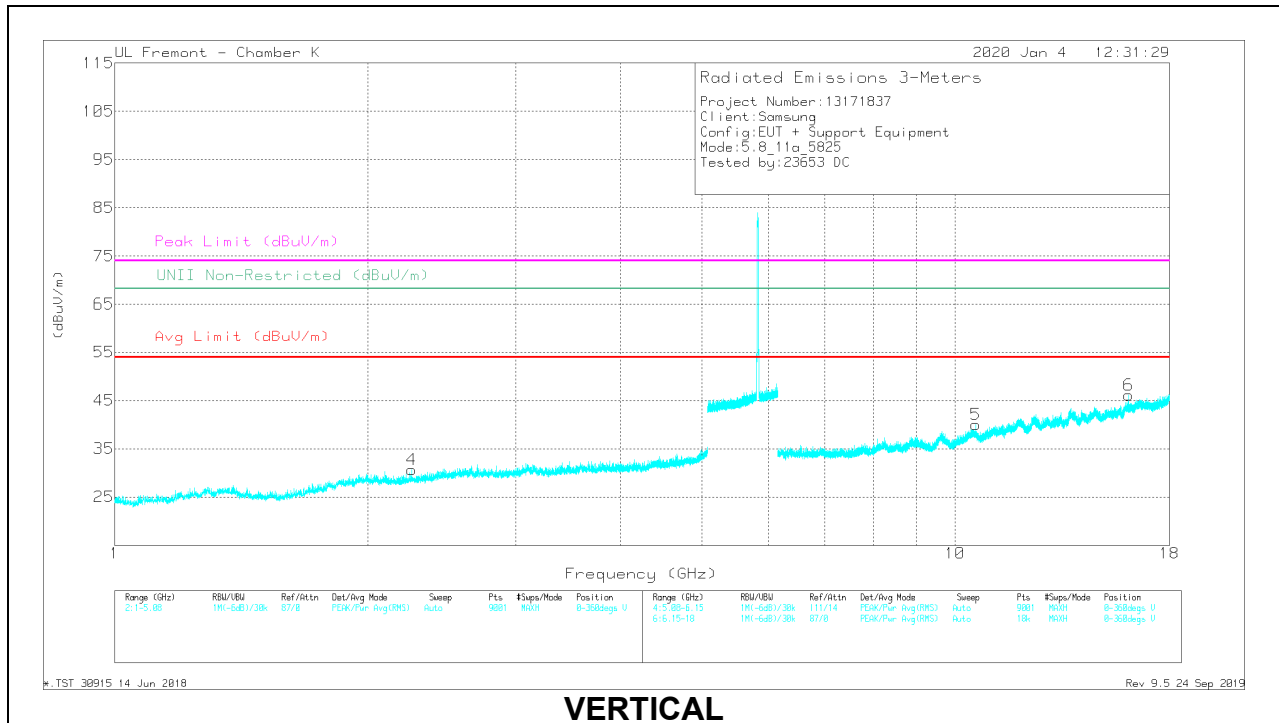
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filtr/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	1.84947	40.08	PK-U	30.8	-35.1	0	35.78	-	-	-	-	68.2	-32.42	38	185	H
2	* 2.74927	40.97	PK-U	32.5	-34.5	0	38.97	-	-	74	-35.03	-	-	281	208	H
	* 2.75033	30.46	ADR	32.5	-34.5	.34	28.8	54	-25.2	-	-	-	-	281	208	H
4	* 2.25738	40.46	PK-U	31.5	-35.2	0	36.76	-	-	74	-37.24	-	-	99	349	V
	* 2.25581	31.39	ADR	31.5	-35.2	.34	28.03	54	-25.97	-	-	-	-	99	349	V
3	* 8.23512	32.55	PK-U	35.9	-24.8	0	43.65	-	-	74	-30.35	-	-	249	231	H
	* 8.23405	23.22	ADR	35.9	-24.8	.34	34.66	54	-19.34	-	-	-	-	249	231	H
5	10.5836	31.28	PK-U	37.8	-22.3	0	46.78	-	-	-	-	68.2	-21.42	293	155	V
6	* 16.09036	28.36	PK-U	40.5	-17.8	0	51.06	-	-	74	-22.94	-	-	35	177	V
	* 16.08822	18.42	ADR	40.5	-17.8	.34	41.46	54	-12.54	-	-	-	-	35	177	V

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

PK-U - U-NII: Maximum Peak

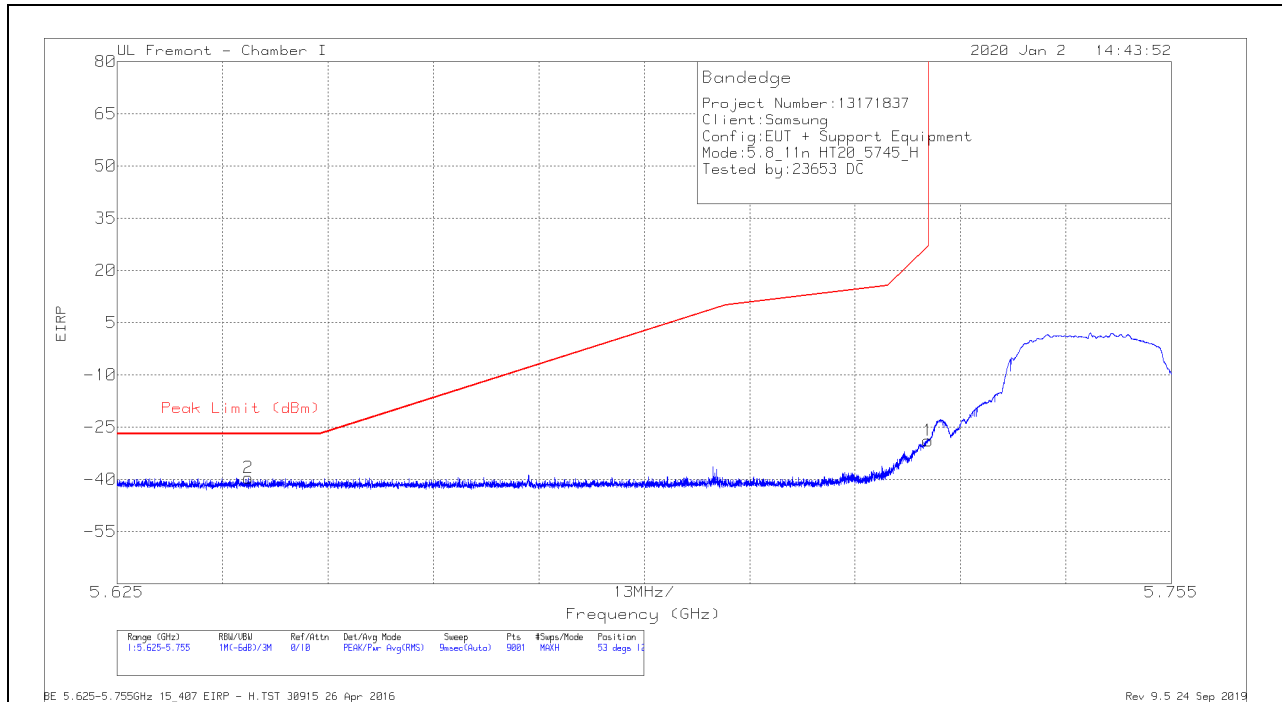
ADR - U-NII AD primary method, RMS average

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

1TX CHAIN 0 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

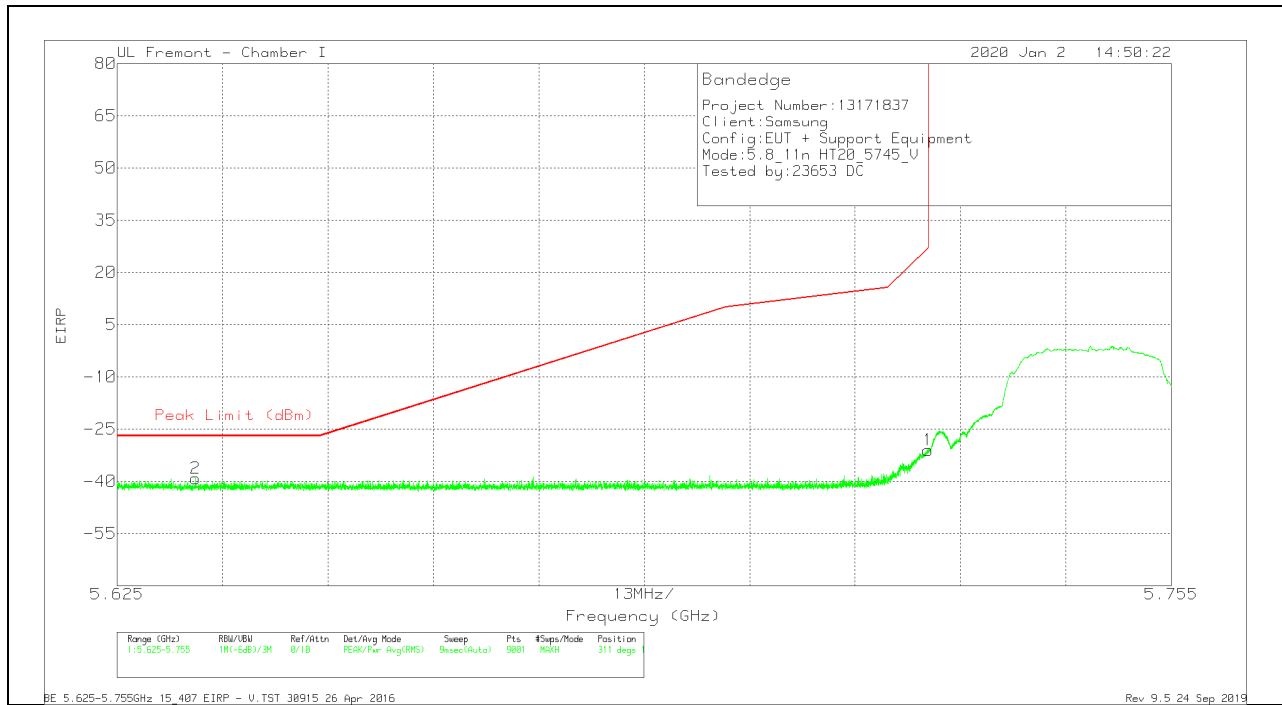


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/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	-58.99	Pk	34.9	-16.6	11.8	0	-28.89	26.99	-55.88	53	121	H
2	5.64115	-69.67	Pk	35.1	-16.8	11.8	0	-39.57	-27	-12.57	53	121	H

Pk - Peak detector

VERTICAL RESULT



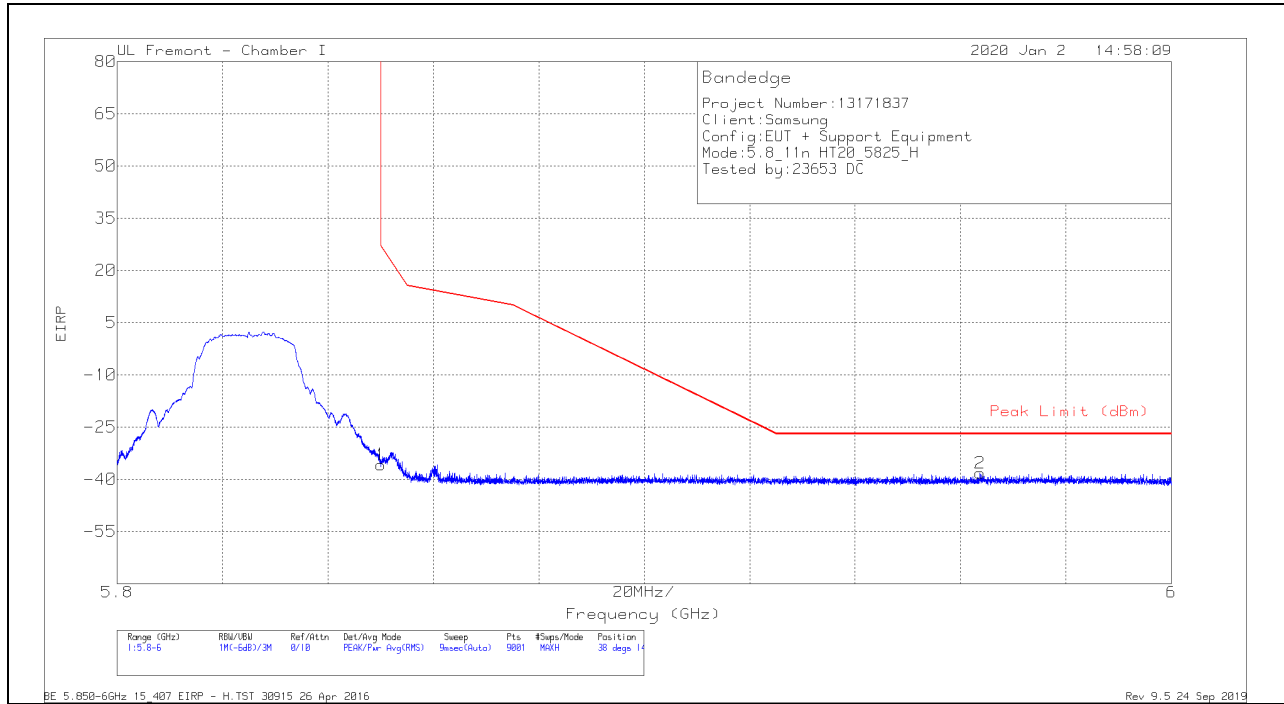
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/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	-61.16	Pk	34.9	-16.6	11.8	0	-31.06	26.99	-58.05	311	131	V
2	5.63469	-69.28	Pk	35	-16.7	11.8	0	-39.18	-27	-12.18	311	131	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

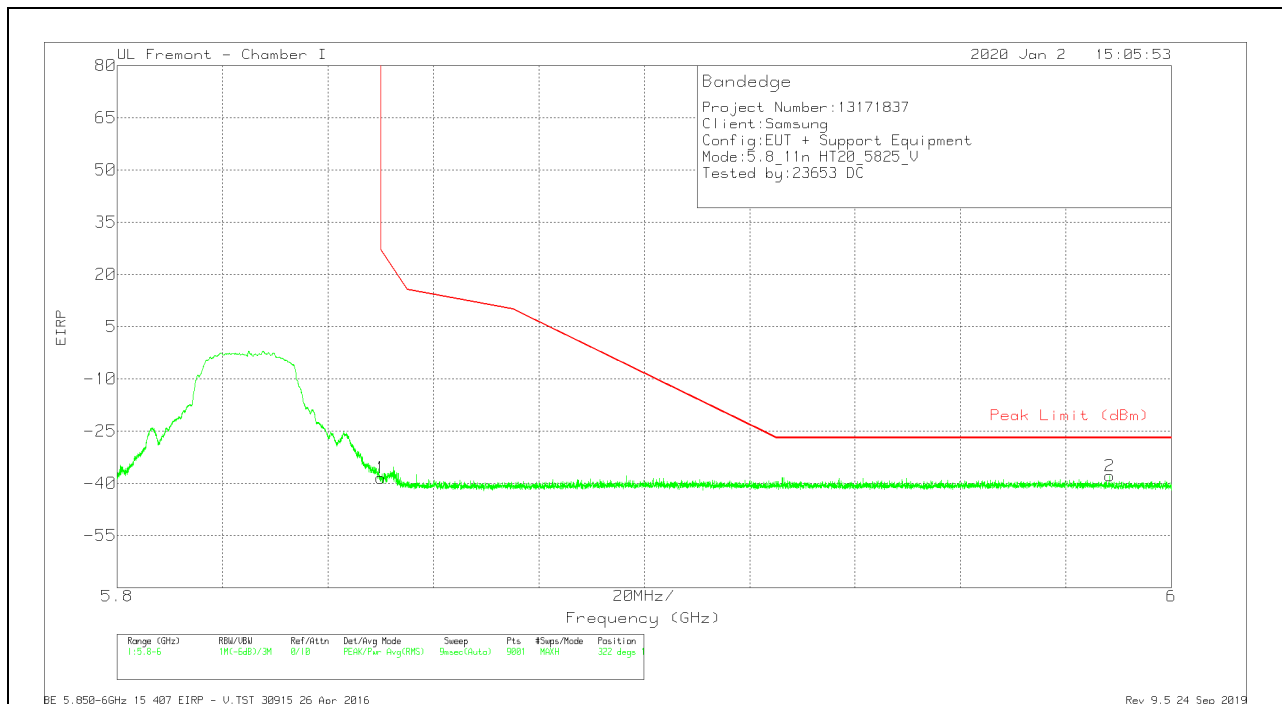


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-67.16	Pk	35.1	-15.6	11.8	0	-35.86	26.95	-62.81	38	145	H
2	5.96371	-69.74	Pk	35.2	-15.5	11.8	0	-38.24	-27	-11.24	38	145	H

Pk - Peak detector

VERTICAL RESULT



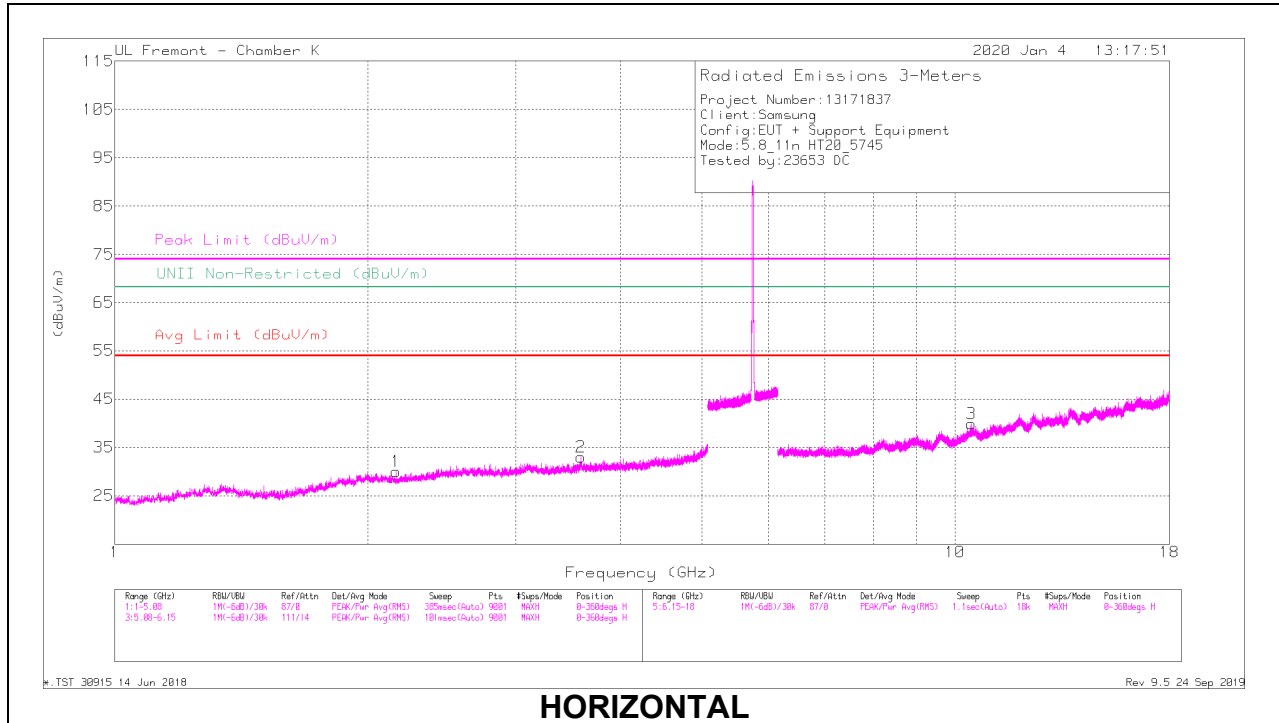
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-69.75	Pk	35.1	-15.6	11.8	0	-38.45	26.95	-65.4	322	124	V
2	5.98833	-69.47	Pk	35.2	-15.4	11.8	0	-37.87	-27	-10.87	322	124	V

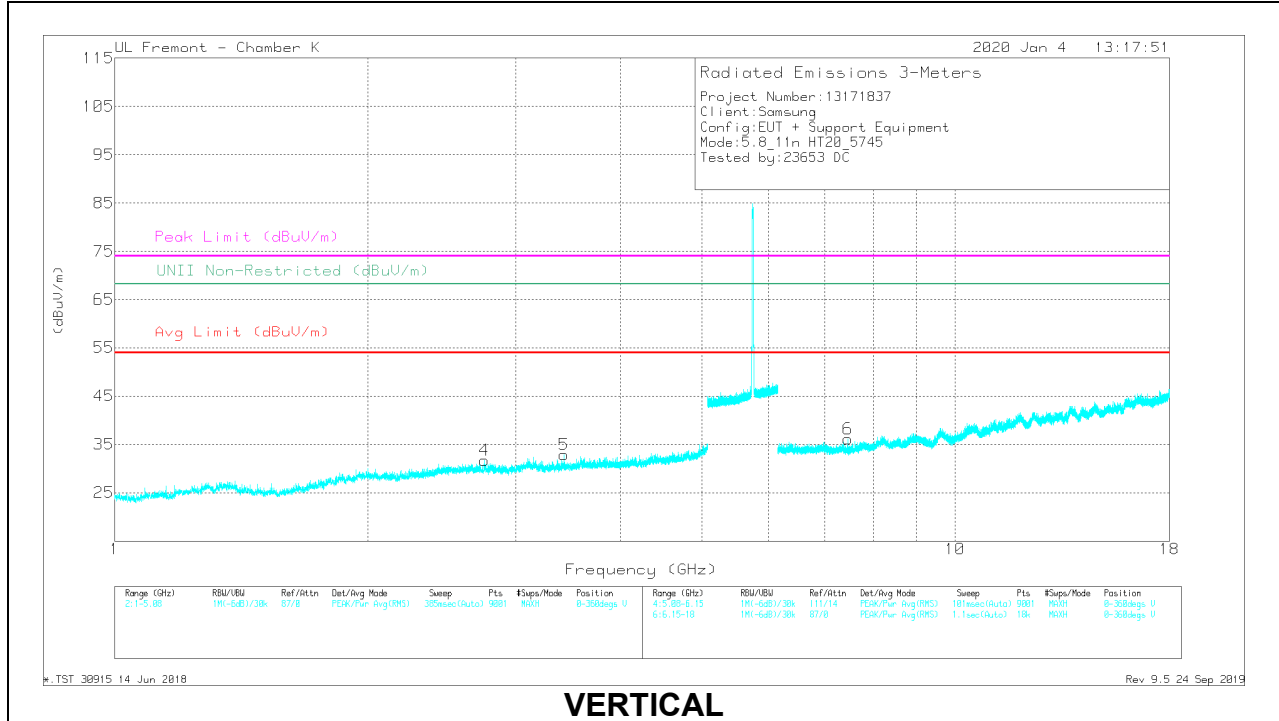
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

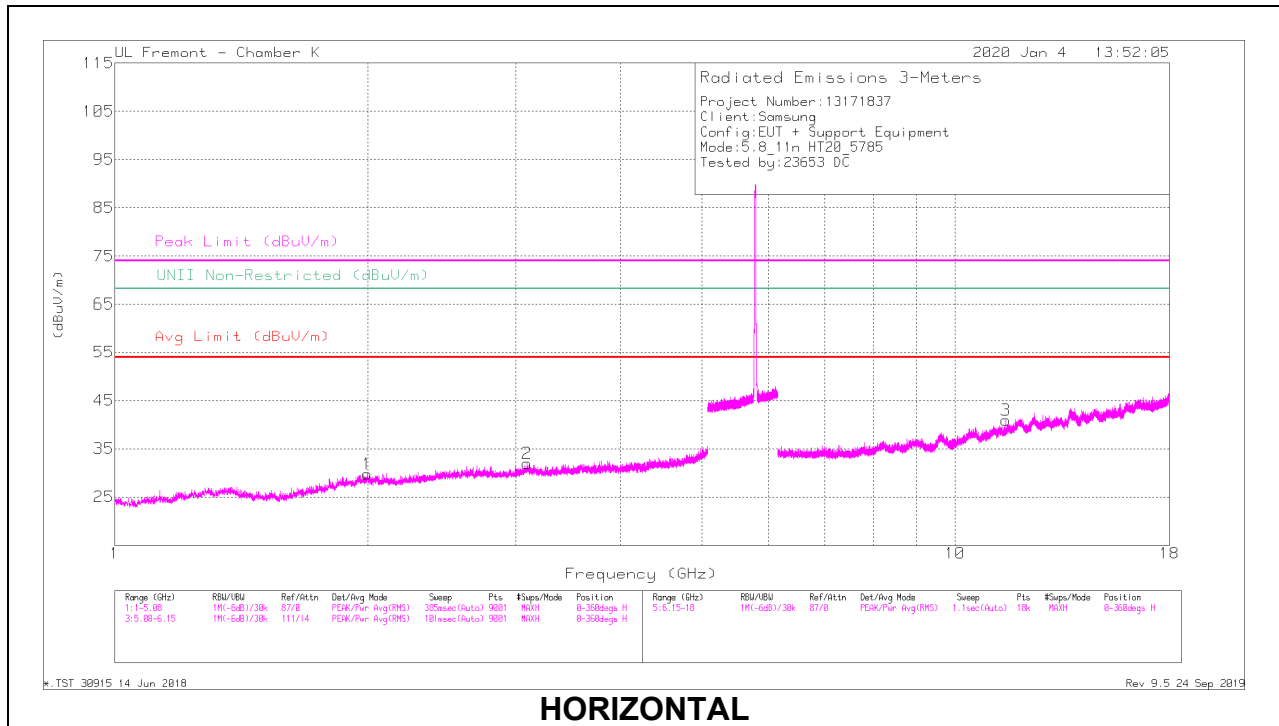
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.16151	40.6	PK-U	31.1	-35.2	0	36.5	-	-	-	-	68.2	-31.7	285	162	H
2	* 3.5857	37.57	PK-U	34	-32.3	0	39.27	-	-	74	-34.73	-	-	139	131	H
	* 3.58561	28.43	ADR	34	-32.3	.35	30.48	54	-23.52	-	-	-	-	139	131	H
5	3.42454	38.49	PK-U	33	-33	0	38.49	-	-	-	-	68.2	-29.71	237	160	V
	* 2.75587	40.06	PK-U	32.5	-34.5	0	38.06	-	-	74	-35.94	-	-	244	177	V
4	* 2.7573	30.3	ADR	32.5	-34.5	.35	28.65	54	-25.35	-	-	-	-	244	177	V
3	10.46717	30.92	PK-U	37.6	-22.9	0	45.62	-	-	-	-	68.2	-22.58	163	226	H
6	* 7.45402	33.36	PK-U	35.7	-26.6	0	42.46	-	-	74	-31.54	-	-	110	239	V
	* 7.45472	23.33	ADR	35.7	-26.6	.35	32.78	54	-21.22	-	-	-	-	110	239	V

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

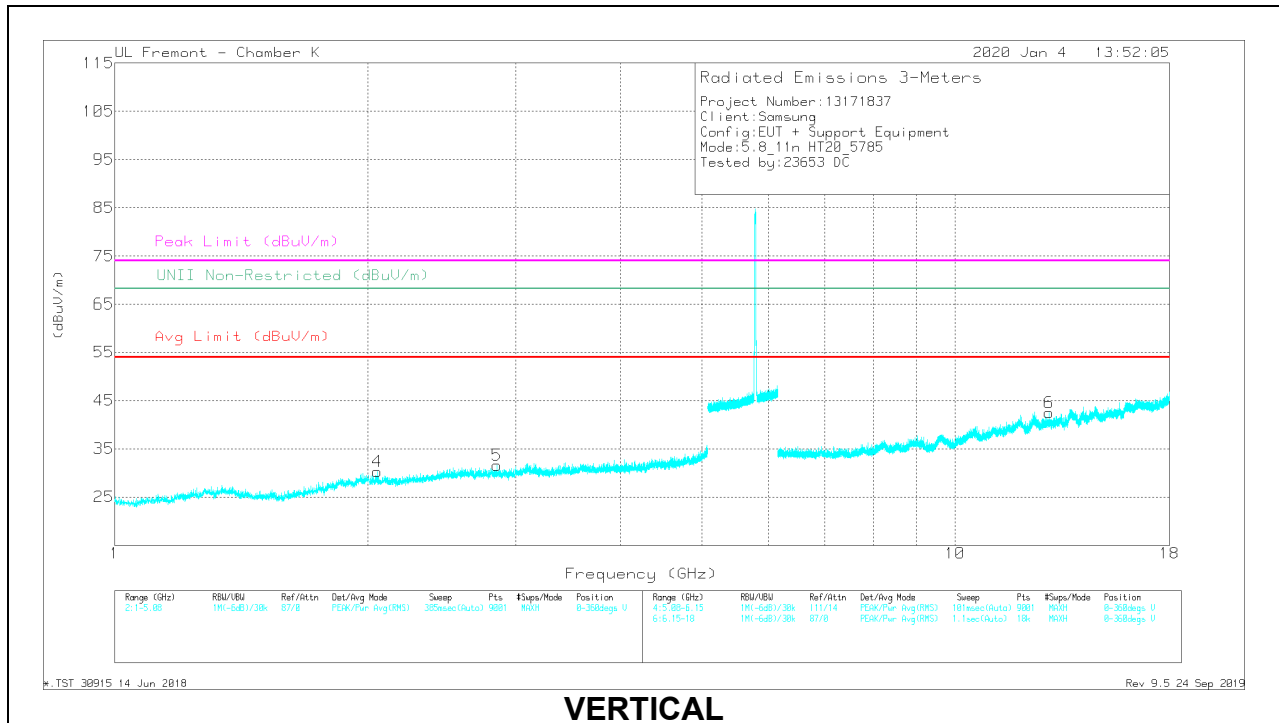
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

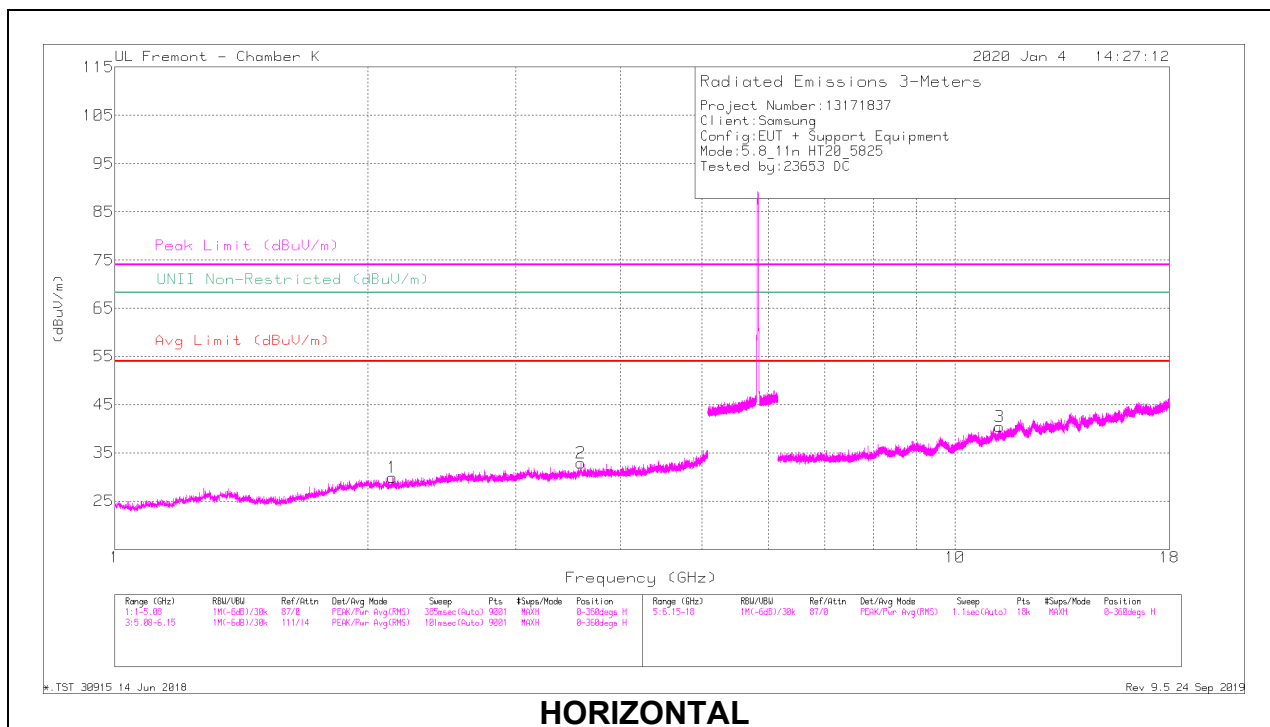
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.99772	41.37	PK-U	31.5	-35.2	0	37.67	-	-	-	-	68.2	-30.53	340	303	H
2	3.0986	39.68	PK-U	33.5	-34	0	39.18	-	-	-	-	68.2	-29.02	356	188	H
4	2.05387	40.63	PK-U	31.4	-35.1	0	36.93	-	-	-	-	68.2	-31.27	110	402	V
5	* 2.85365	41.07	PK-U	32.3	-34.5	0	38.87	-	-	74	-35.13	-	-	110	210	V
	* 2.85039	30.48	ADR	32.3	-34.5	.35	28.63	54	-25.37	-	-	-	-	110	210	V
3	* 11.50503	29.16	PK-U	38.3	-21	0	46.46	-	-	74	-27.54	-	-	199	220	H
	* 11.5026	19.09	ADR	38.3	-21	.35	36.74	54	-17.26	-	-	-	-	199	220	H
6	12.93639	28.78	PK-U	39.1	-19.9	0	47.98	-	-	-	-	68.2	-20.22	110	181	V

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

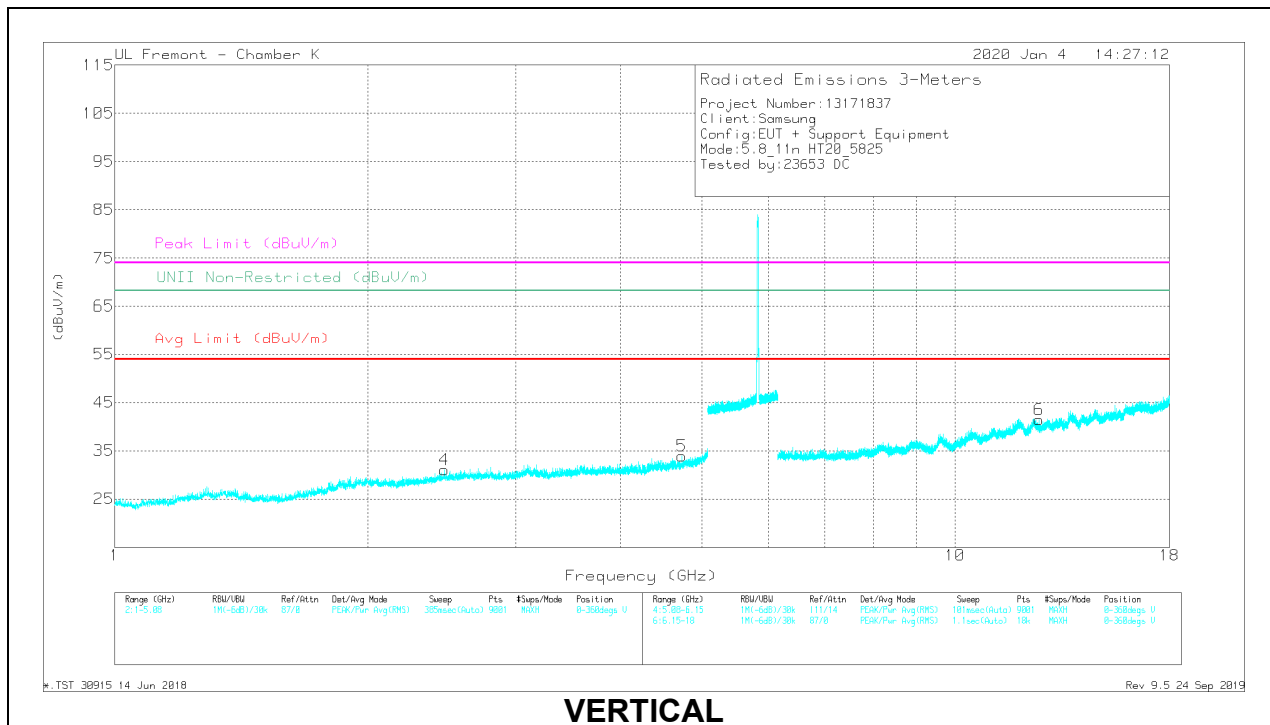
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Fitr/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	2.14064	41.64	PK-U	31.2	-35.1	0	37.74	-	-	-	-	68.2	-30.46	84	226	H
2	* 3.58637	37.83	PK-U	34.1	-32.3	0	39.63	-	-	74	-34.37	-	-	185	175	H
	* 3.58733	27.84	ADR	34.2	-32.3	.35	30.09	54	-23.91	-	-	-	-	185	175	H
4	2.46635	41.57	PK-U	32.4	-34.9	0	39.07	-	-	-	-	68.2	-29.13	269	131	V
5	* 4.7283	37.1	PK-U	34	-30.4	0	40.7	-	-	74	-33.3	-	-	168	332	V
	* 4.72883	26.94	ADR	34	-30.3	.35	30.99	54	-23.01	-	-	-	-	168	332	V
3	* 11.29403	30.57	PK-U	38.1	-21.1	0	47.57	-	-	74	-26.43	-	-	191	222	H
	* 11.29614	19.97	ADR	38.1	-21.1	.35	37.32	54	-16.68	-	-	-	-	191	222	H
6	* 12.59822	29.35	PK-U	39.1	-20.6	0	47.85	-	-	74	-26.15	-	-	173	243	V
	* 12.59549	19.42	ADR	39.1	-20.6	.35	38.27	54	-15.73	-	-	-	-	173	243	V

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

PK-U - U-NII: Maximum Peak

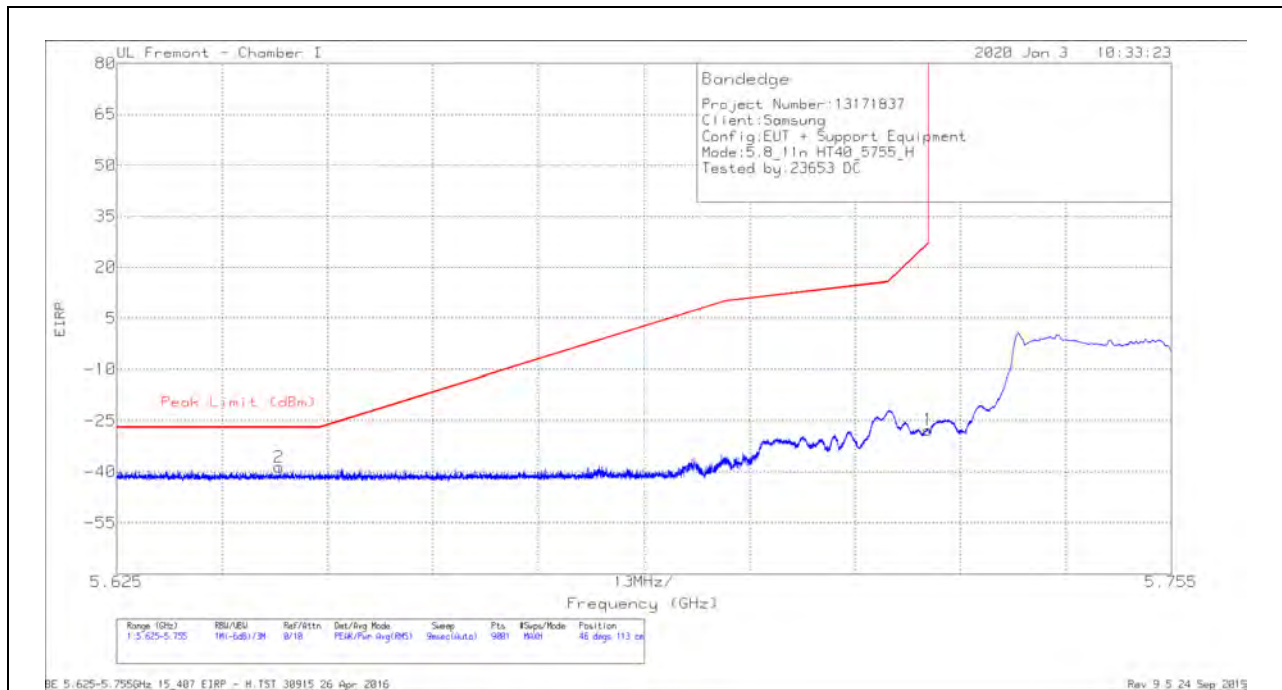
ADR - U-NII AD primary method, RMS average

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

1TX CHAIN 0 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

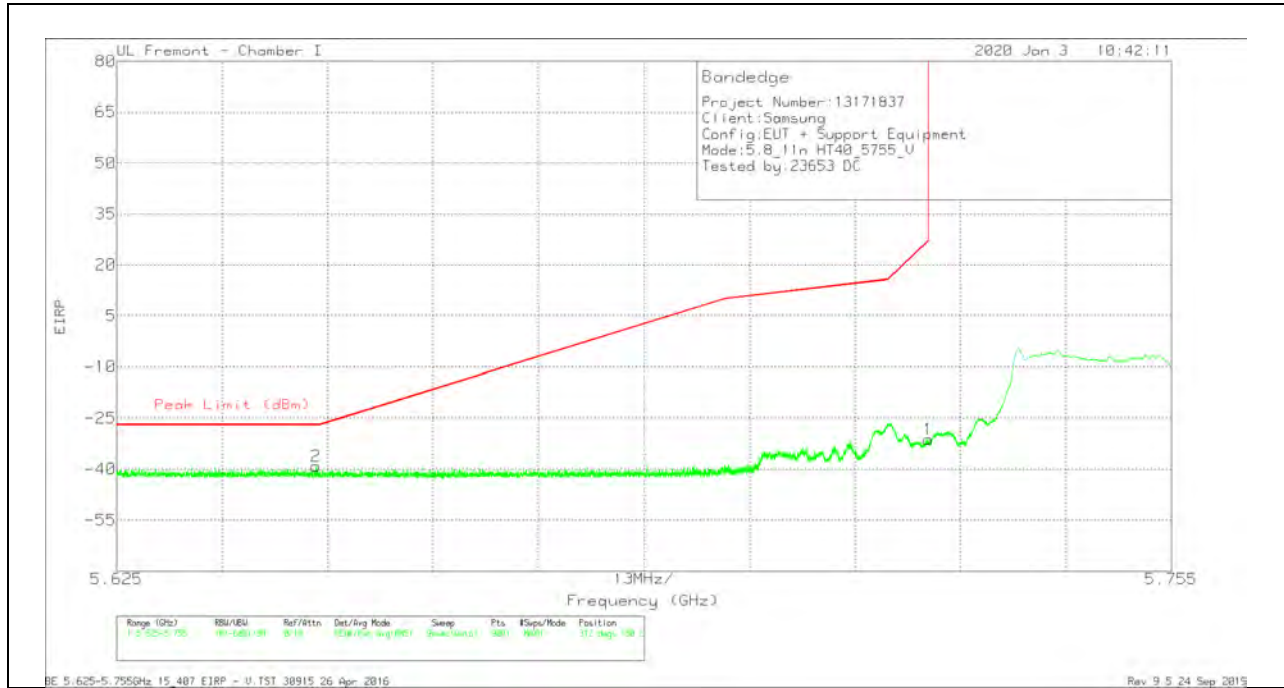


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/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	-57.73	Pk	34.9	-16.6	11.8	0	-27.63	26.99	-54.62	46	113	H
2	5.64502	-68.74	Pk	35.1	-16.7	11.8	0	-38.54	-27	-11.54	46	113	H

Pk - Peak detector

VERTICAL RESULT



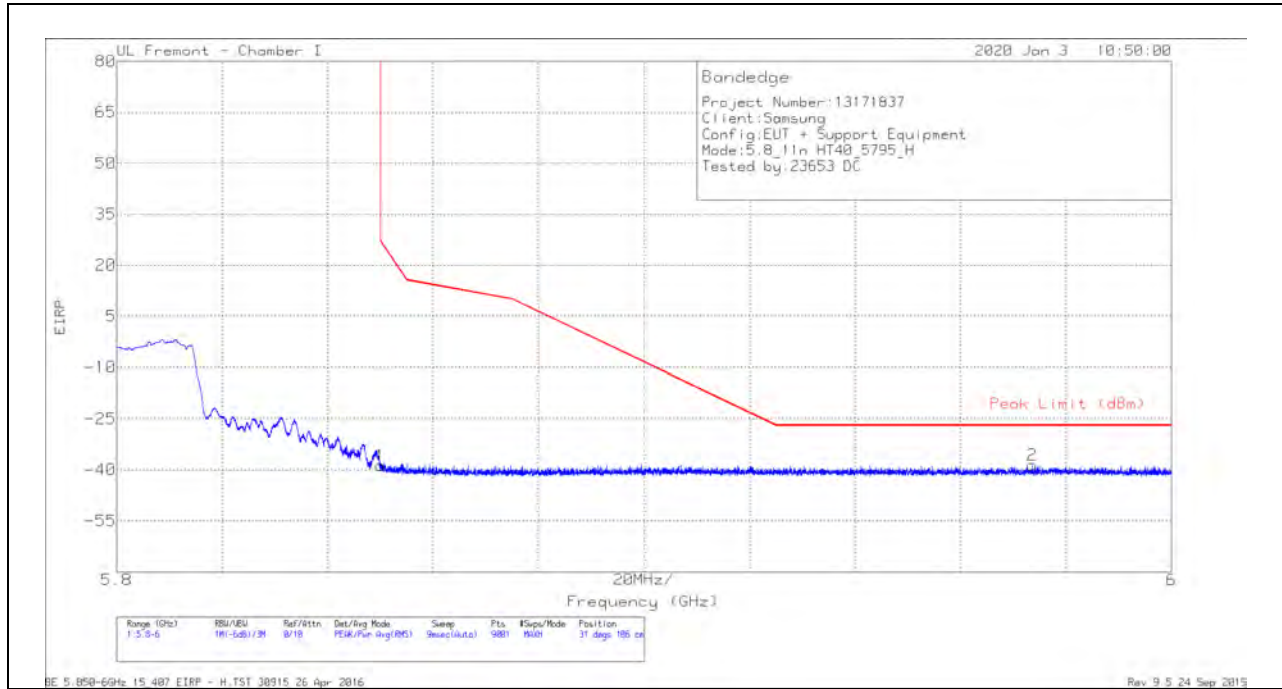
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/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	-61.4	Pk	34.9	-16.6	11.8	0	-31.3	26.99	-58.29	312	150	V
2	5.64958	-69.3	Pk	35	-16.7	11.8	0	-39.2	-27	-12.2	312	150	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

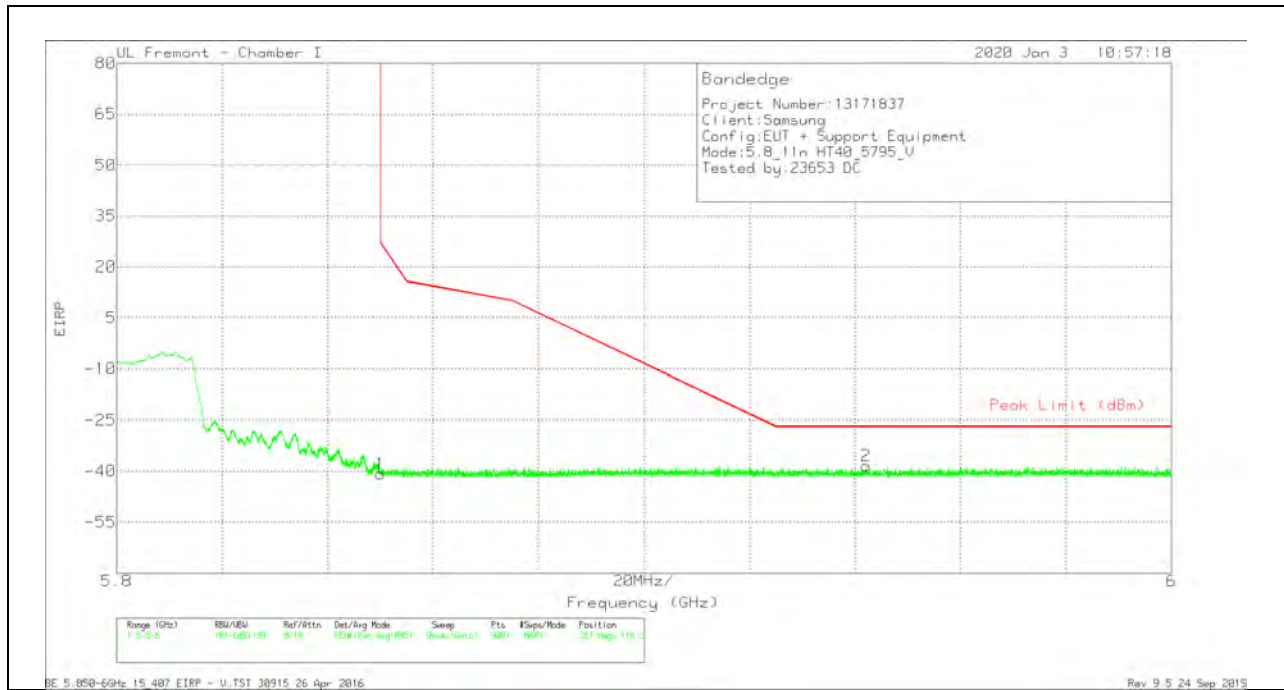


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cb/Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-70.13	Pk	35.1	-15.6	11.8	0	-38.83	26.95	-65.78	31	106	H
2	5.97366	-70.23	Pk	35.2	-15.4	11.8	0	-38.63	-27	-11.63	31	106	H

Pk - Peak detector

VERTICAL RESULT



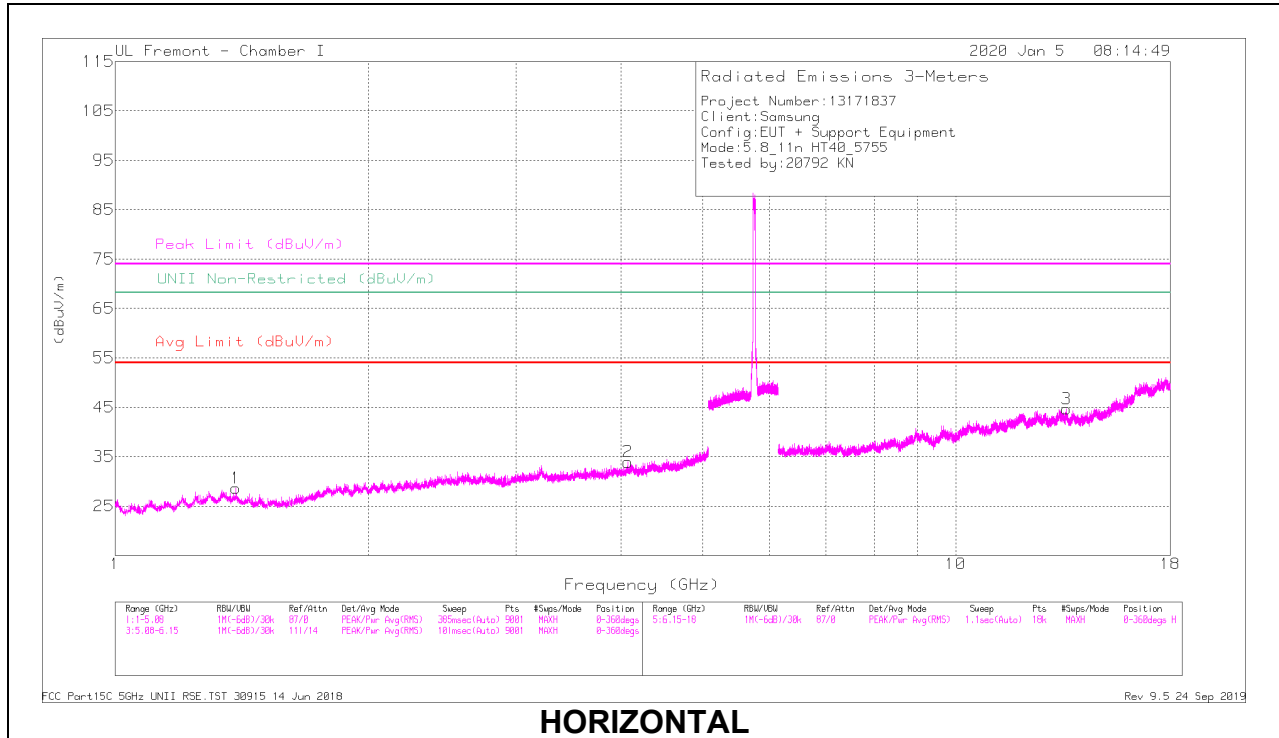
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-72.08	Pk	35.1	-15.6	11.8	0	-40.78	26.95	-67.73	287	116	V
2	5.94211	-69.85	Pk	35.1	-15.4	11.8	0	-38.35	-27	-11.35	287	116	V

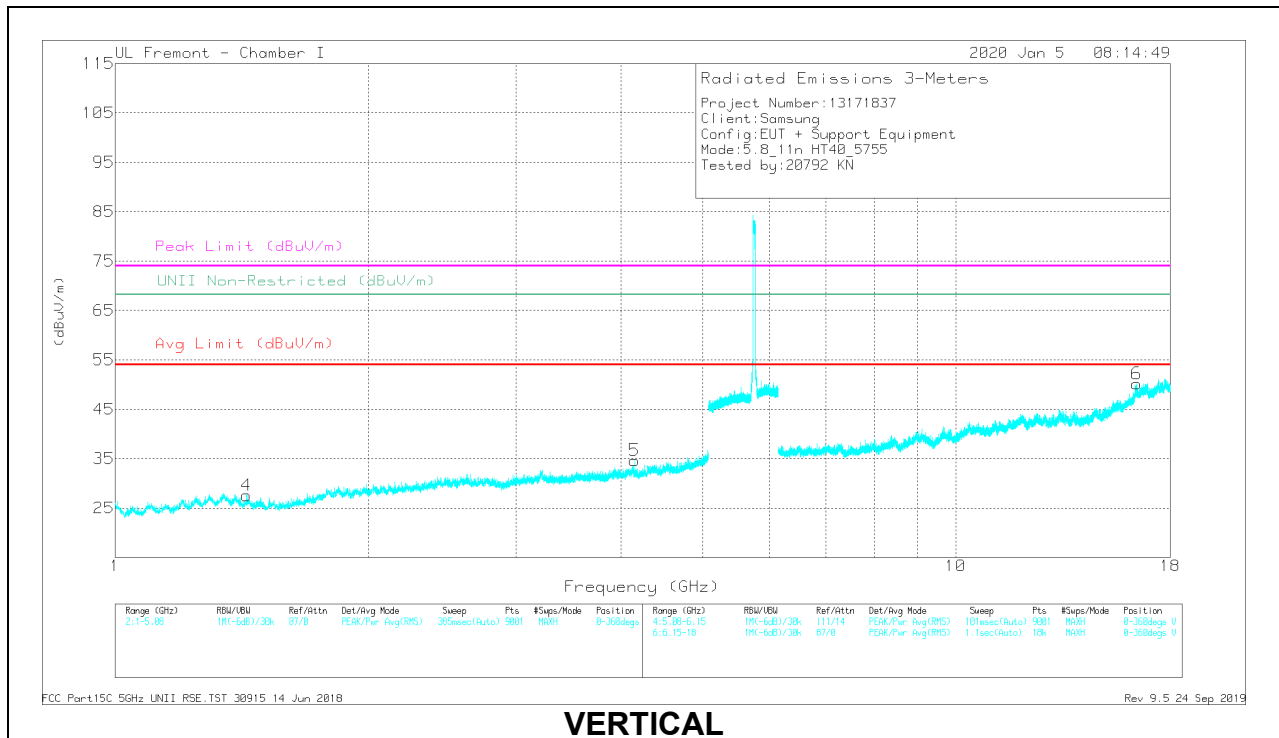
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

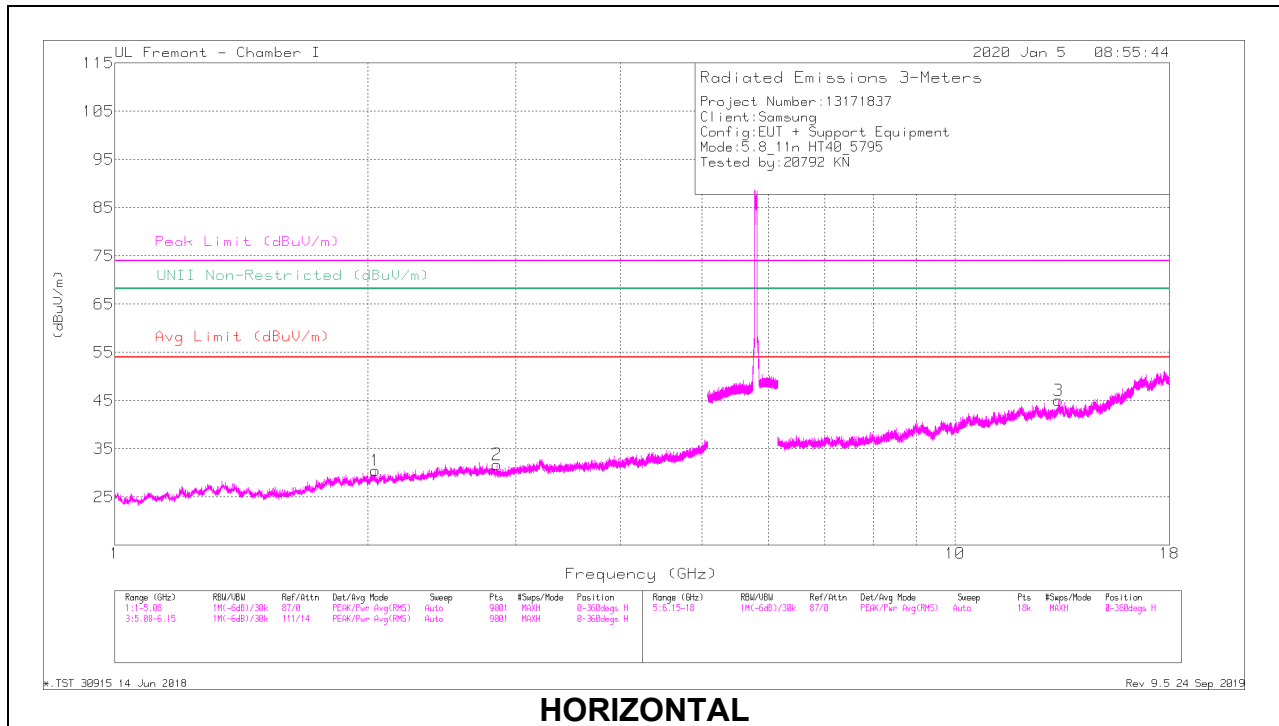
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.39137	38.36	PK-U	28.9	-31.9	0	35.36	-	-	74	-38.64	-	-	331	298	H
	* 1.39368	28.26	ADR	28.9	-31.8	.61	25.97	54	-28.03	-	-	-	-	331	298	H
2	* 4.07349	34.69	PK-U	33.4	-26.8	0	41.29	-	-	74	-32.71	-	-	347	161	H
	* 4.07439	24.09	ADR	33.4	-26.8	.61	31.3	54	-22.7	-	-	-	-	347	161	H
5	* 4.14898	34.06	PK-U	33.3	-26.5	0	40.86	-	-	74	-33.14	-	-	122	104	V
	* 4.1504	23.57	ADR	33.3	-26.6	.61	30.88	54	-23.12	-	-	-	-	122	104	V
4	1.43402	38.97	PK-U	28.4	-31.8	0	35.57	-	-	-	-	68.2	-32.63	280	120	V
3	13.54388	29.38	PK-U	39.3	-16.5	0	52.18	-	-	-	-	68.2	-16.02	200	200	H
6	16.41977	26.35	PK-U	41.1	-11	0	56.45	-	-	-	-	68.2	-11.75	260	185	V

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

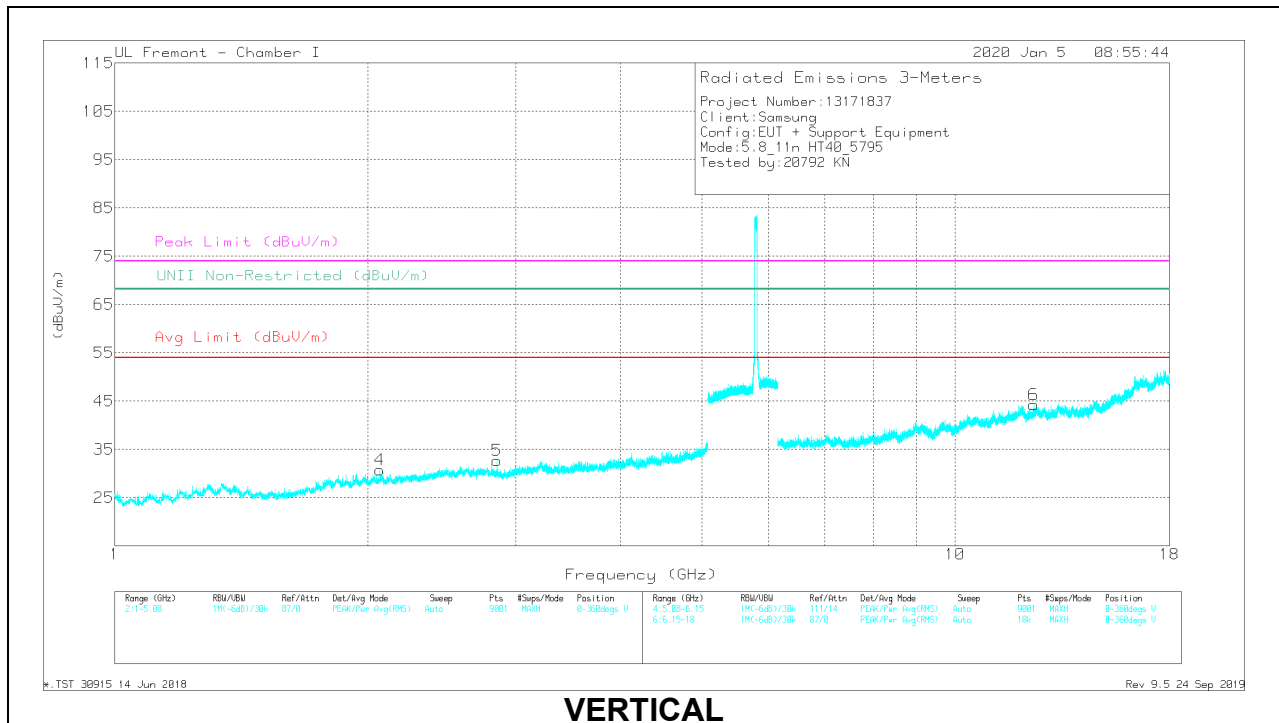
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/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	* 2.8506	35.54	PK-U	32.1	-29.5	0	38.14	-	-	74	-35.86	-	-	33	232	H
	* 2.85173	25.38	ADR	32.1	-29.6	.61	28.49	54	-25.51	-	-	-	-	33	232	H
1	2.04046	37.76	PK-U	31.1	-30.5	0	38.36	-	-	-	-	68.2	-29.84	343	118	H
5	* 2.84885	36.21	PK-U	32.1	-29.6	0	38.71	-	-	74	-35.29	-	-	170	137	V
	* 2.85223	25.83	ADR	32.1	-29.6	.61	28.94	54	-25.06	-	-	-	-	170	137	V
4	2.06979	36.7	PK-U	31.1	-30.5	0	37.3	-	-	-	-	68.2	-30.9	223	113	V
3	* 13.29241	28.14	PK-U	39.7	-15.3	0	52.54	-	-	74	-21.46	-	-	355	262	H
	* 13.2921	17.41	ADR	39.7	-15.3	.61	42.42	54	-11.58	-	-	-	-	355	262	H
6	* 12.40808	28.21	PK-U	39	-16.1	0	51.11	-	-	74	-22.89	-	-	119	174	V
	* 12.40906	17.83	ADR	39	-16.1	.61	41.34	54	-12.66	-	-	-	-	119	174	V

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

PK-U - U-NII: Maximum Peak

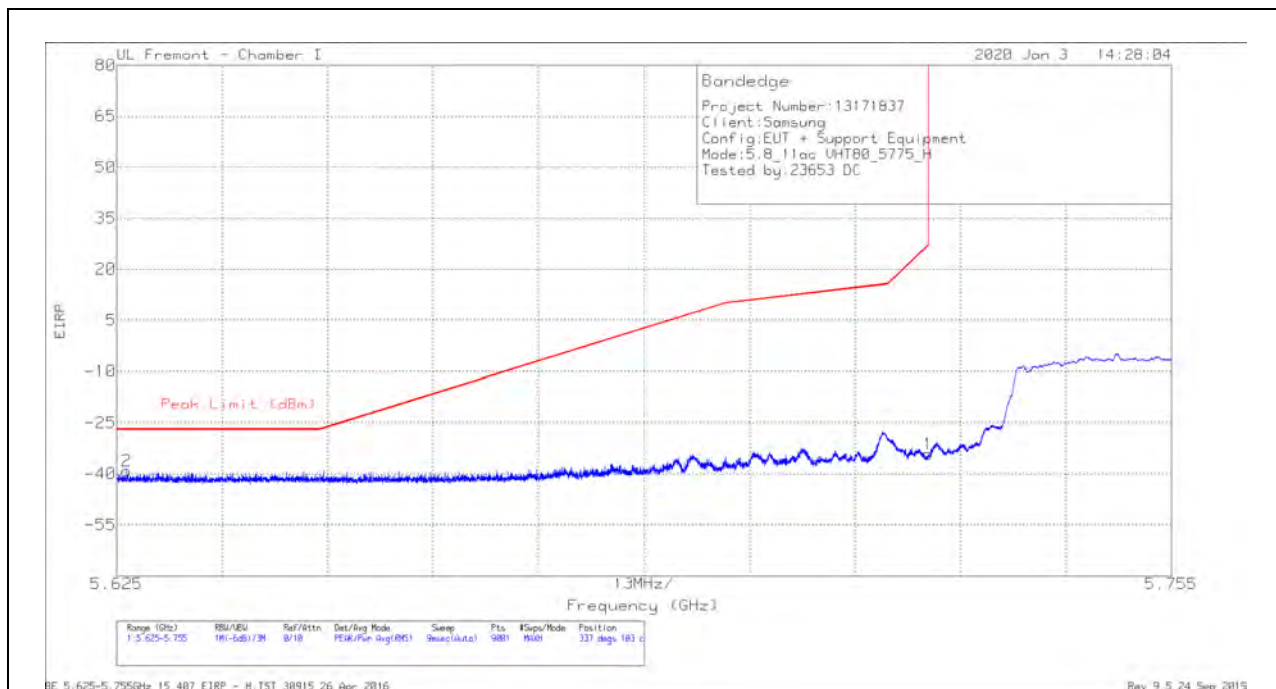
ADR - U-NII AD primary method, RMS average

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

1TX CHAIN 0 MODE

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT

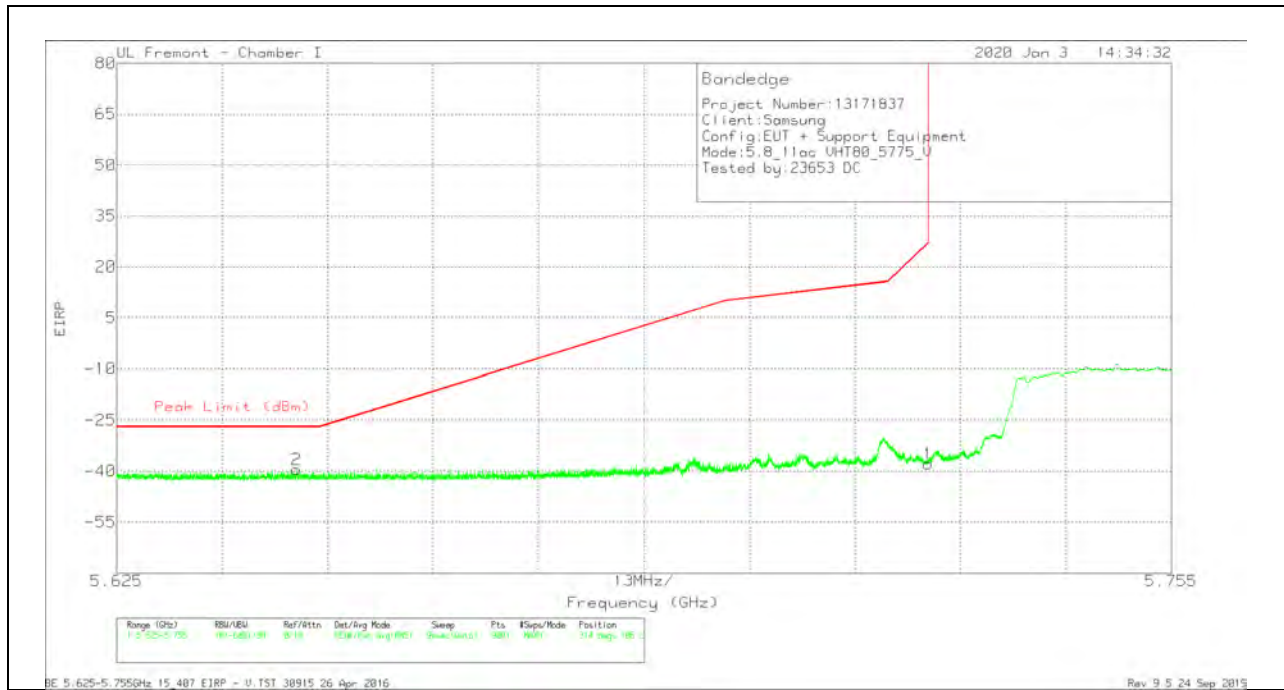


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/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	-64.3	Pk	34.9	-16.6	11.8	0	-34.2	26.99	-61.19	337	103	H
2	5.62621	-69.39	Pk	35.2	-16.8	11.8	0	-39.19	-27	-12.19	337	103	H

Pk - Peak detector

VERTICAL RESULT



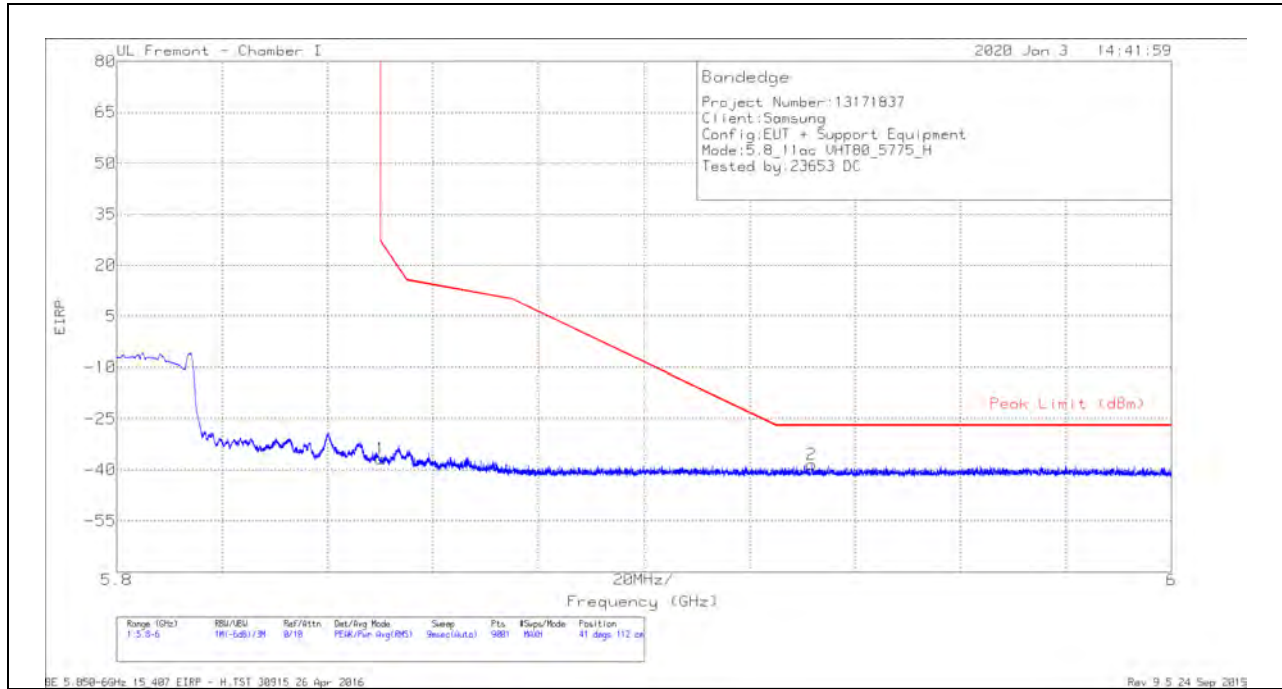
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/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	-68.03	Pk	34.9	-16.6	11.8	0	-37.93	26.99	-64.92	314	106	V
2	5.64716	-69.66	Pk	35.1	-16.7	11.8	0	-39.46	-27	-12.46	314	106	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT

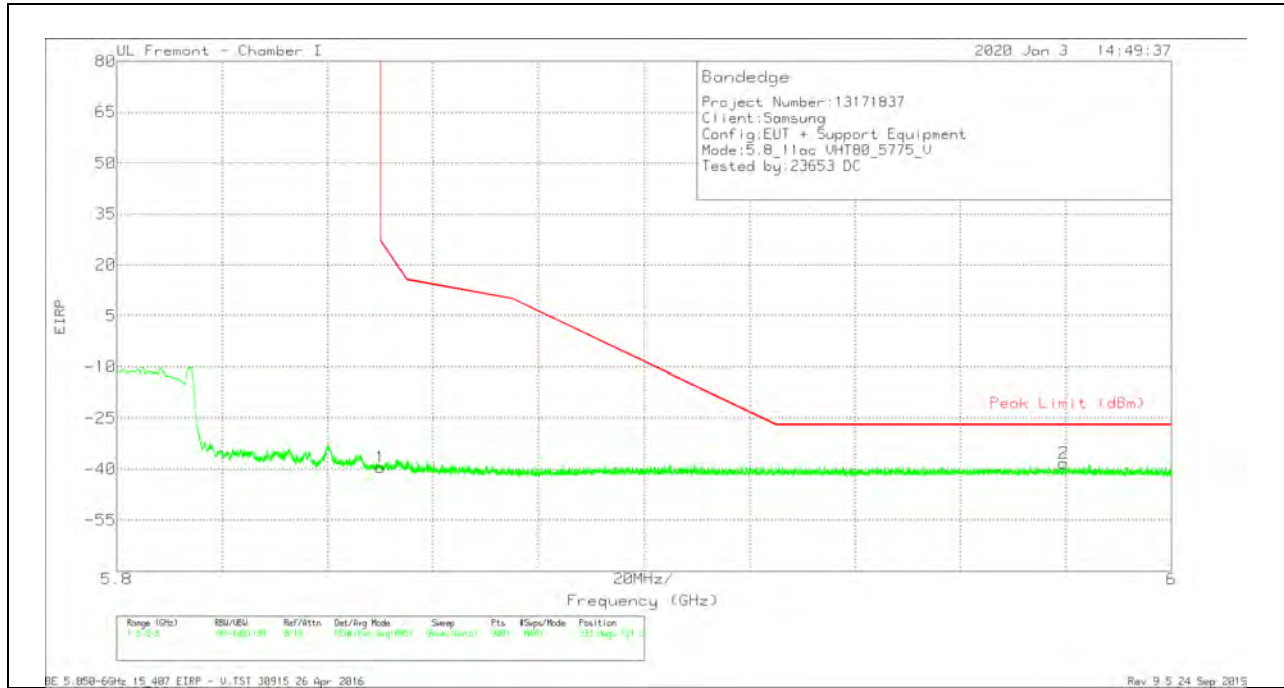


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cb/Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-68.12	Pk	35.1	-15.6	11.8	0	-36.82	26.95	-63.77	41	112	H
2	5.9318	-69.88	Pk	35.1	-15.4	11.8	0	-38.38	-27	-11.38	41	112	H

Pk - Peak detector

VERTICAL RESULT



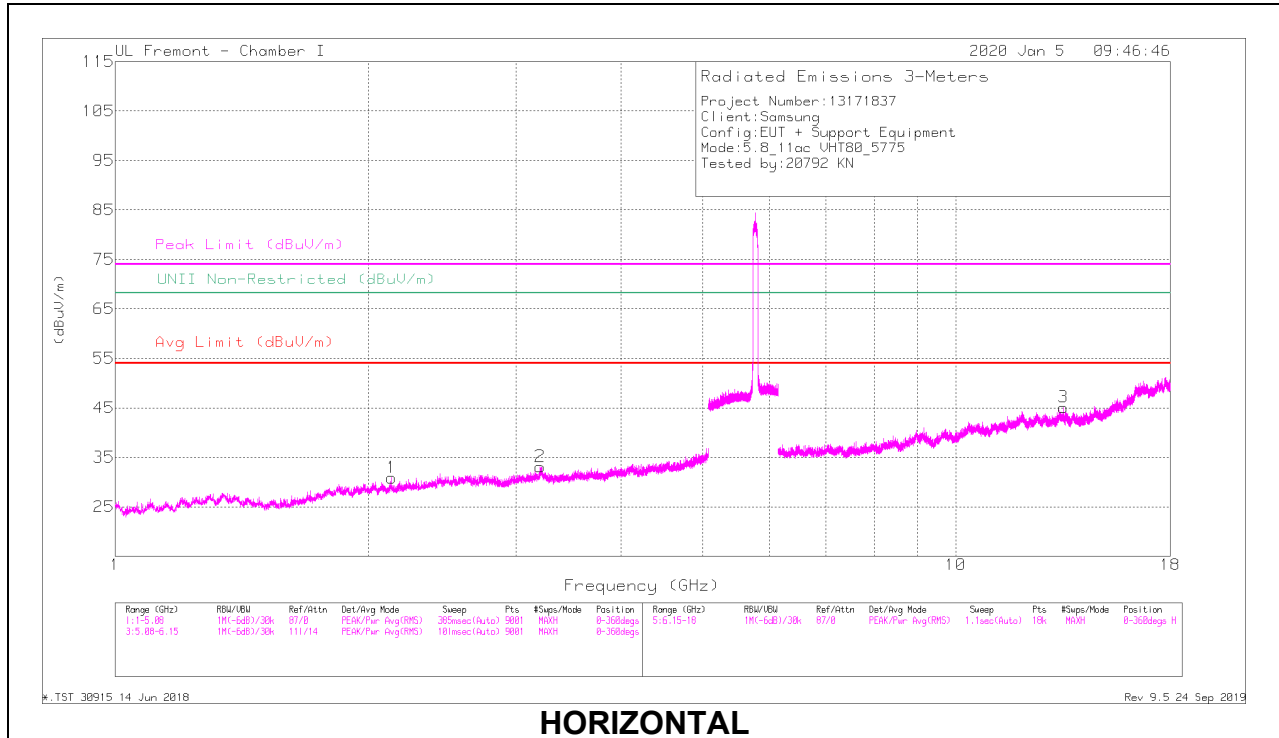
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-70.83	Pk	35.1	-15.6	11.8	0	-39.53	26.95	-66.48	333	121	V
2	5.97958	-69.87	Pk	35.2	-15.4	11.8	0	-38.27	-27	-11.27	333	121	V

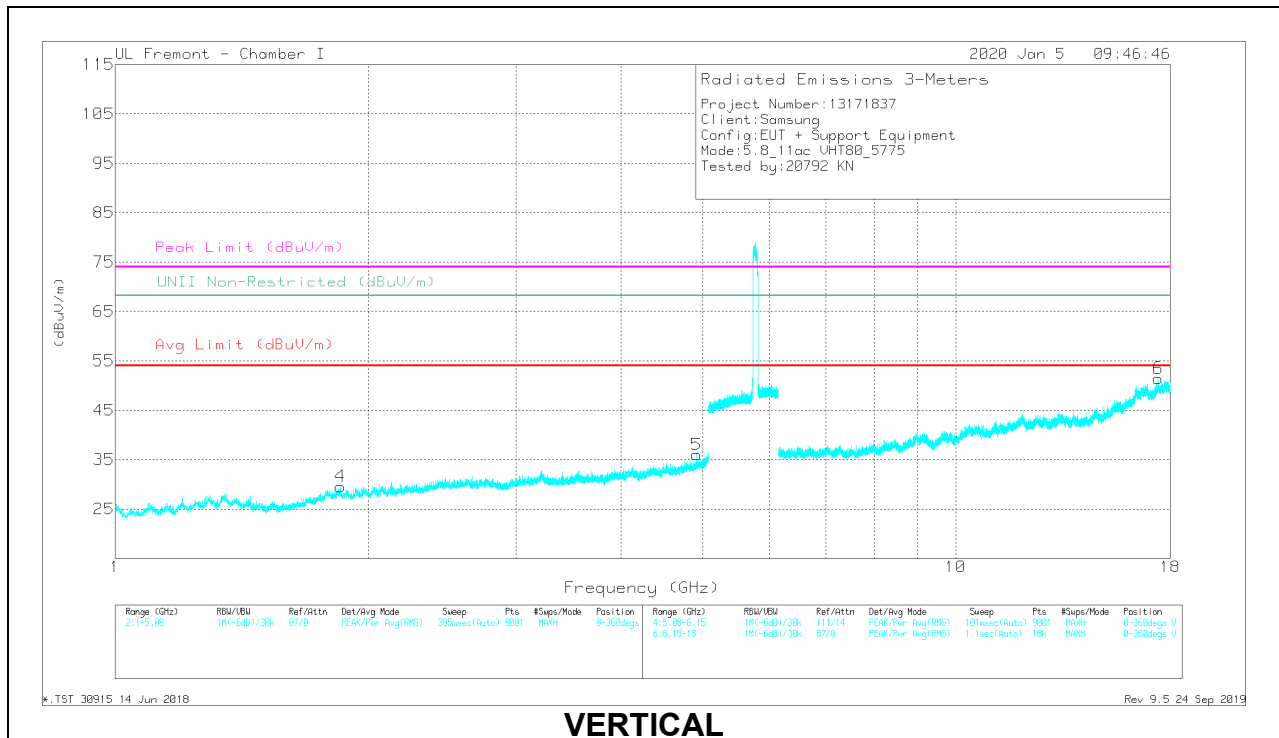
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Filtr/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	2.13227	36.72	PK-U	31.1	-30.4	0	37.42	-	-	-	-	68.2	-30.78	171	150	H
2	3.20022	35.38	PK-U	33.1	-28.1	0	40.38	-	-	-	-	68.2	-27.82	286	171	H
5	* 4.91758	32.79	PK-U	34.1	-24.6	0	42.29	-	-	74	-31.71	-	-	113	283	V
	* 4.91976	22.55	ADR	34.1	-24.7	1.15	33.1	54	-20.9	-	-	-	-	113	283	V
4	1.85423	37.37	PK-U	30.8	-31	0	37.17	-	-	-	-	68.2	-31.03	28	111	V
3	13.43683	29.15	PK-U	39.5	-16.1	0	52.55	-	-	-	-	68.2	-15.65	88	156	H
6	17.4121	26.03	PK-U	41.2	-9.9	0	57.33	-	-	-	-	68.2	-10.87	26	193	V

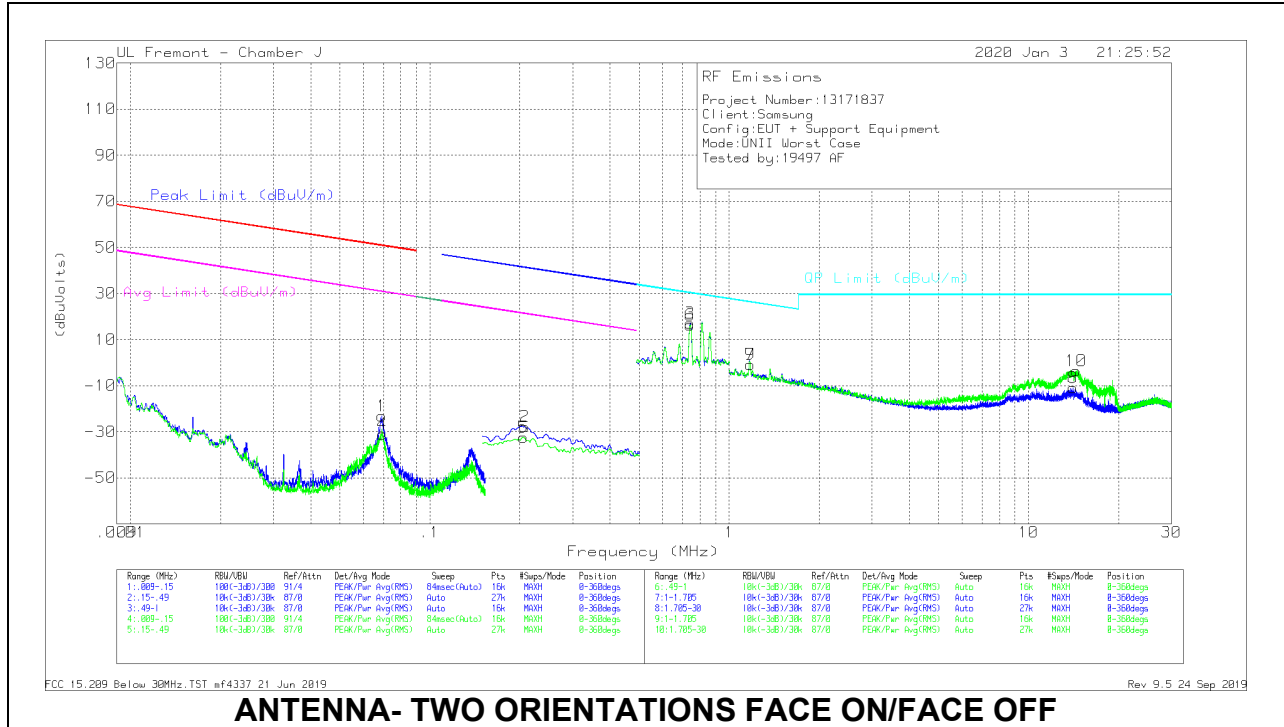
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.2. WORST CASE BELOW 30MHz

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



ANTENNA- TWO ORIENTATIONS FACE ON/FACE OFF

Below 30MHz Data

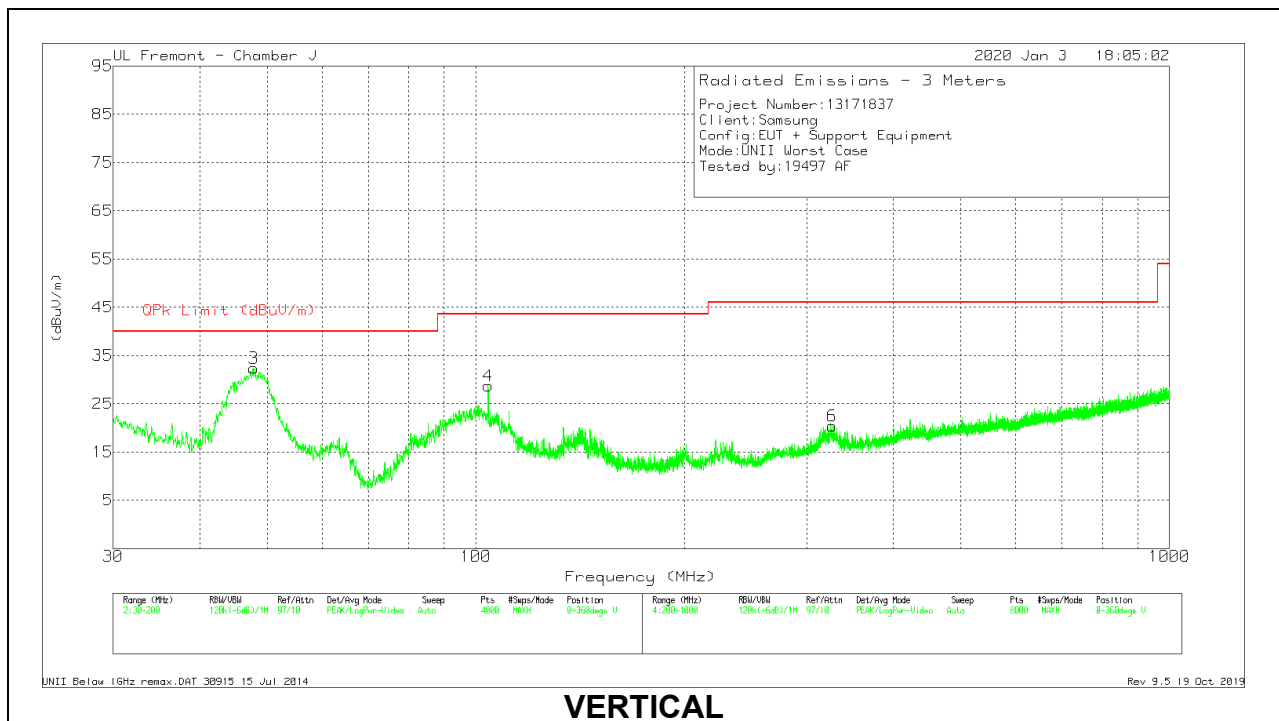
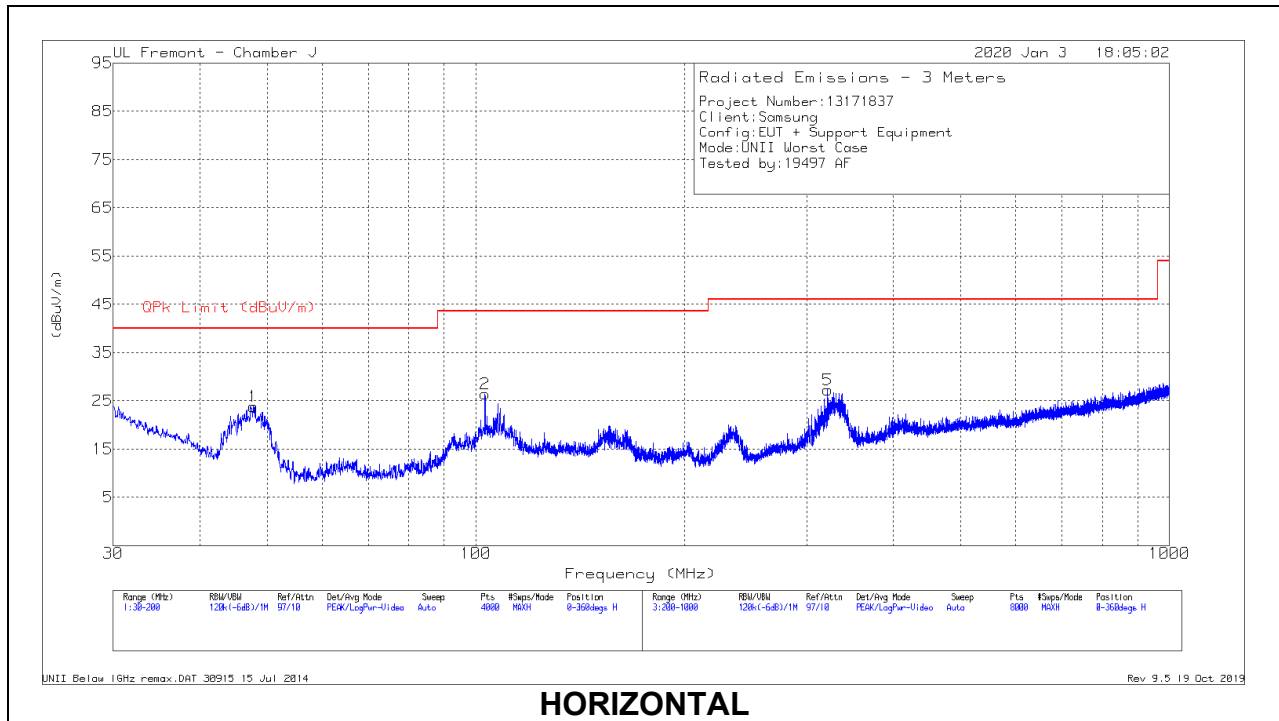
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (ACF)	Amp/Cbl (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.06908	29.56	Pk	55.8	-28.6	-80	-23.24	50.8	-74.04	30.8	-54.04	-	-	-	-	0-360
2	.20764	24.74	Pk	56.1	-28.6	-80	-27.76	-	-	-	-	41.27	-69.03	21.27	-49.03	0-360
4	.06935	21.74	Pk	55.8	-28.6	-80	-31.06	50.76	-81.82	30.76	-61.82	-	-	-	-	0-360
5	.20509	20.23	Pk	56.1	-28.6	-80	-32.27	-	-	-	-	41.38	-73.65	21.38	-53.65	0-360

Pk - Peak detector

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (ACF)	Amp/Cbl (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
3	.74077	29.49	Pk	56.1	-28.5	-40	17.09	30.22	-13.13	0-360
6	.74077	28.81	Pk	56.1	-28.5	-40	16.41	30.22	-13.81	0-360
7	1.17525	21.57	Pk	45.9	-28.4	-40	-9.3	26.22	-27.15	0-360
8	14.08502	22.89	Pk	34.1	-27.9	-40	-10.91	29.5	-40.41	0-360
9	1.17525	21.73	Pk	45.9	-28.4	-40	-7.7	26.22	-26.99	0-360
10	14.4403	30.31	Pk	34.1	-27.9	-40	-3.49	29.5	-32.99	0-360

Pk - Peak detector

9.3. WORST CASE BELOW 1 GHz



Below 1GHz DATA

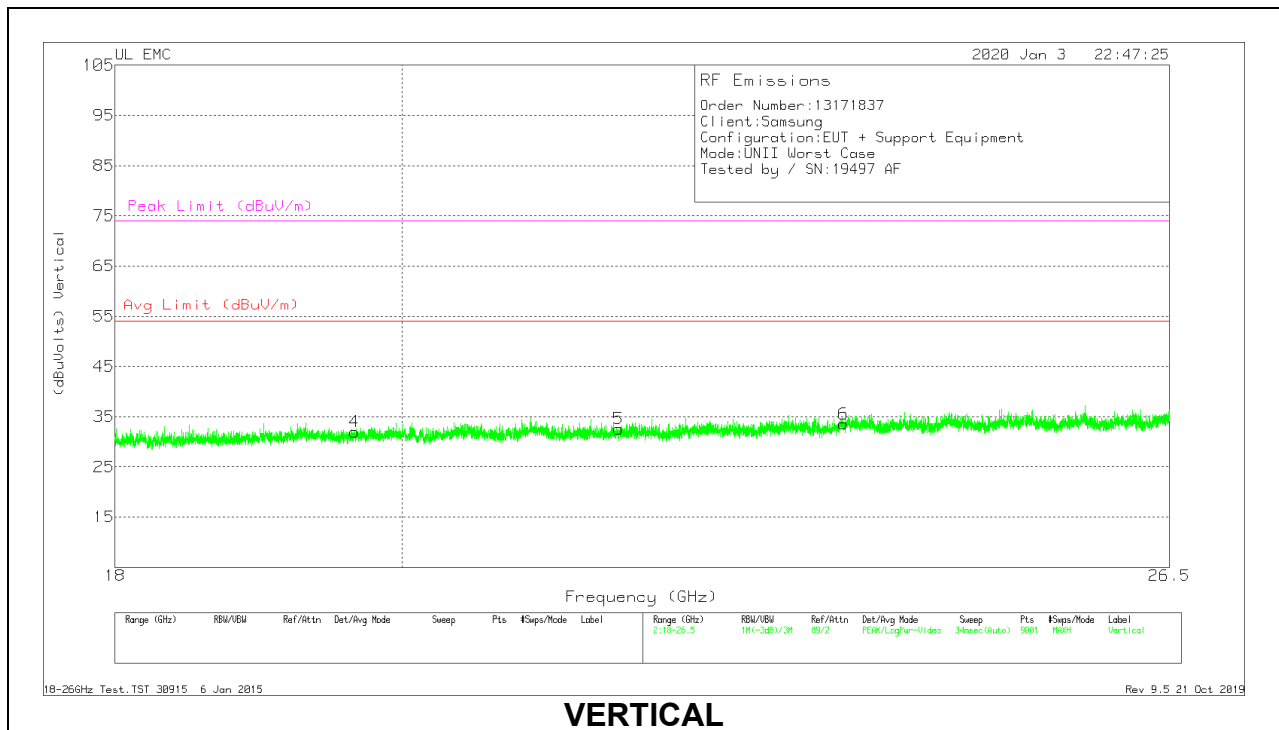
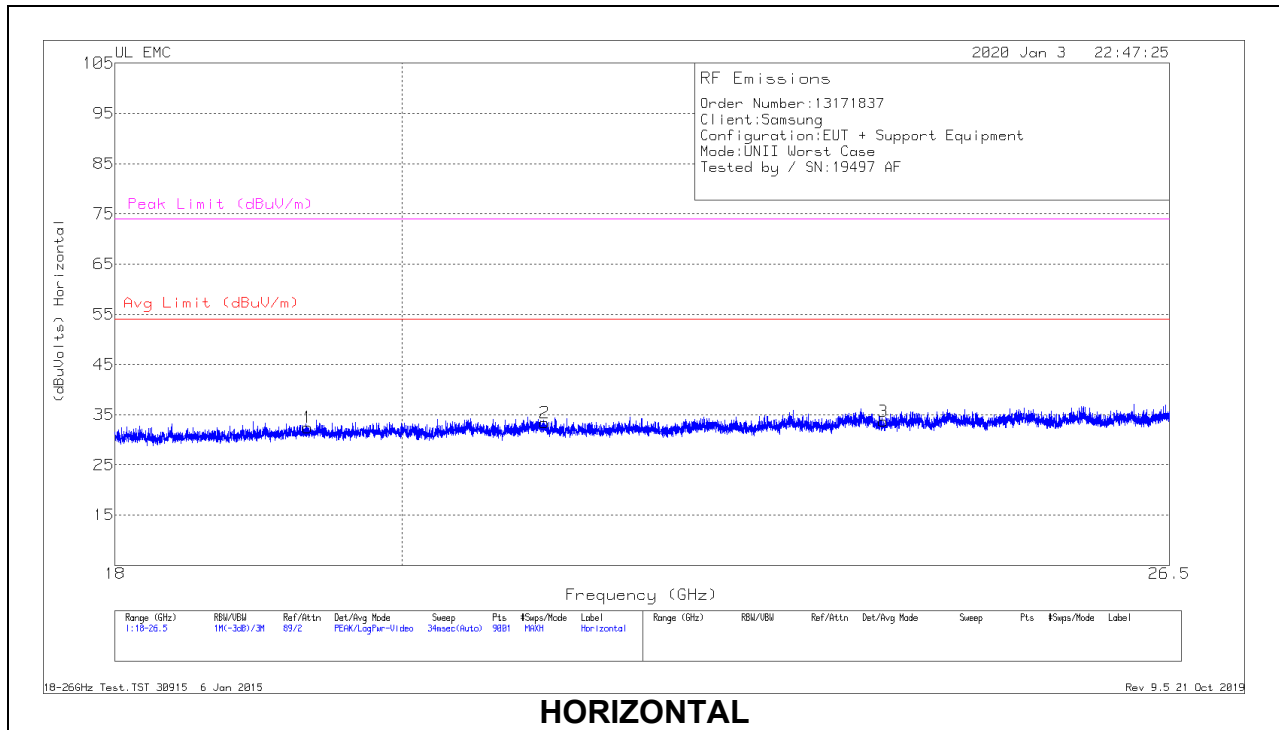
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T899 (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	47.7696	40.74	Pk	14.5	-31.4	23.84	40	-16.16	0-360	398	H
2	103.0764	40.39	Pk	17	-31	26.39	43.52	-17.13	0-360	299	H
3	48.0258	45.89	Pk	14.4	-31.4	28.89	40	-11.11	202	95	V
	48.0258	41.27	Qp	14.4	-31.4	24.27	40	-15.73	202	95	V
4	104.1392	42.4	Pk	17.3	-31	28.7	43.52	-14.82	0-360	101	V
5	321.5158	37.42	Pk	19.8	-30	27.22	46.02	-18.8	0-360	101	H
6	* 326.3164	30.58	Pk	19.8	-30	20.38	46.02	-25.64	0-360	101	V

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

Pk - Peak detector

Qp - Quasi-Peak detector

9.4. WORST CASE 18-26 GHz

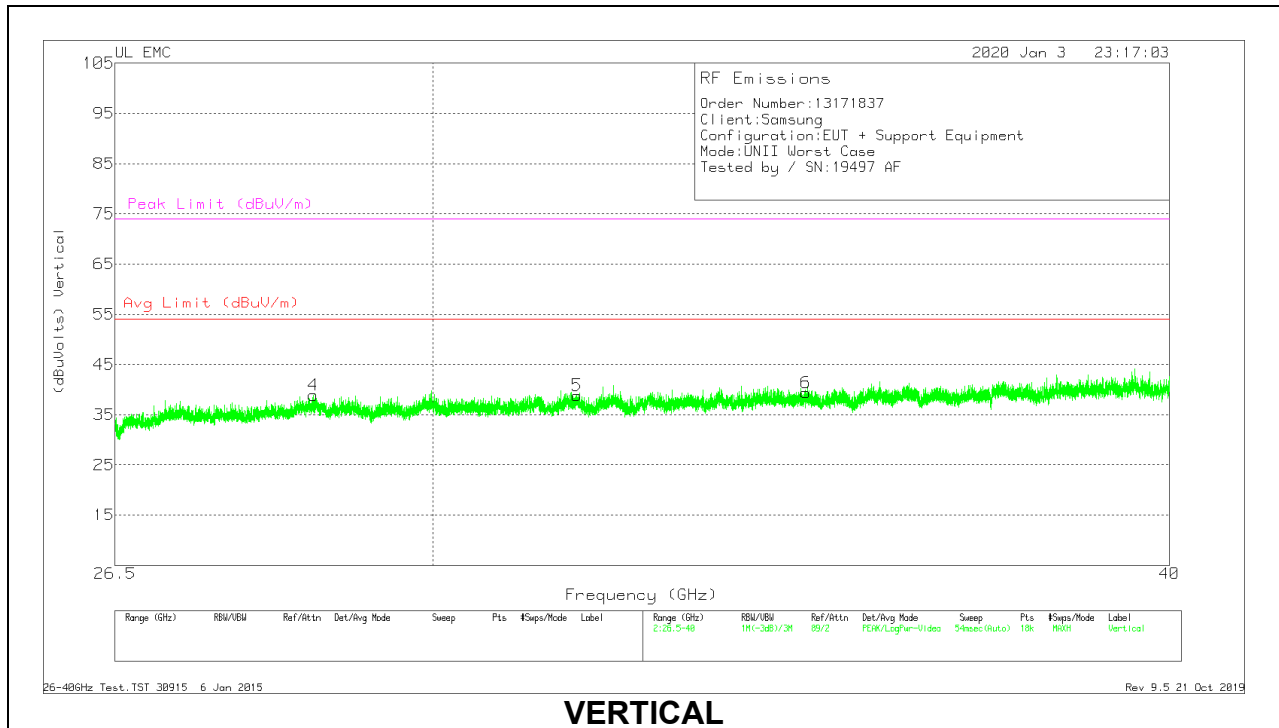
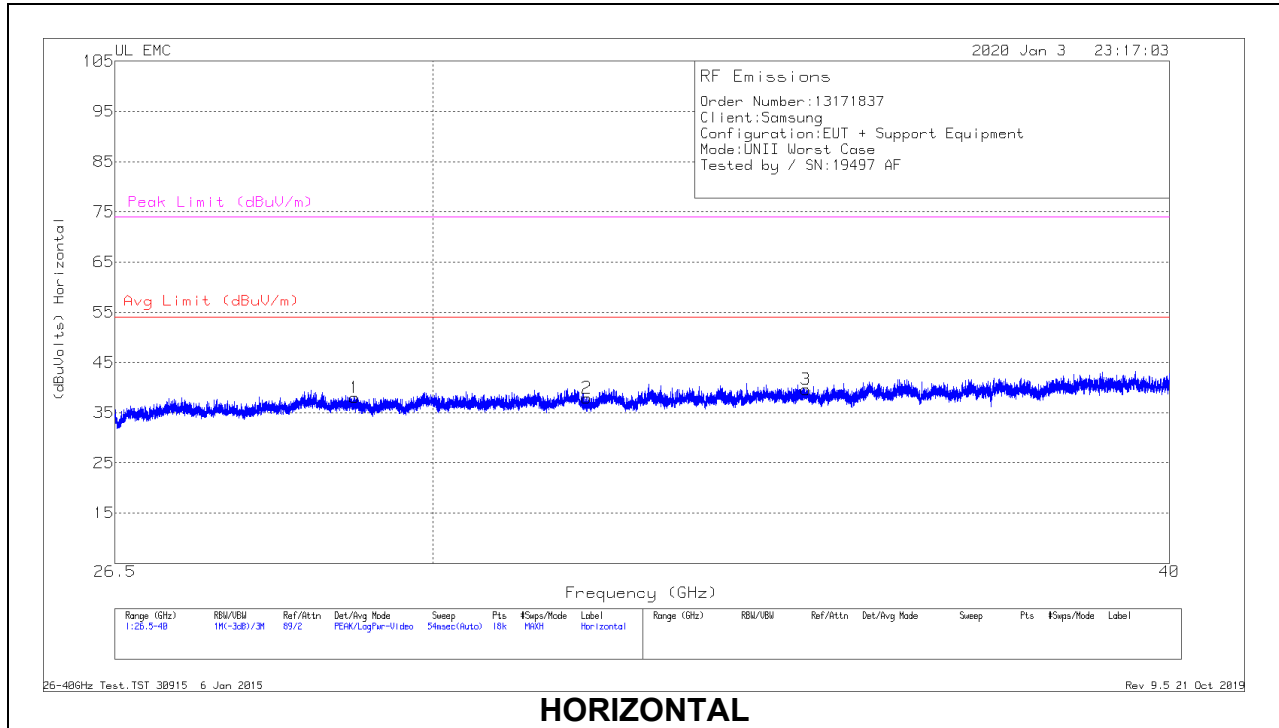


18 – 26GHz DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T447 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	19.31655	66.15	Pk	32.7	-56.9	-9.5	32.45	54	-21.55	74	-41.55
2	21.07133	66.68	Pk	33.2	-57	-9.5	33.38	54	-20.62	74	-40.62
3	23.85839	66.06	Pk	34.3	-57.2	-9.5	33.66	54	-20.34	74	-40.34
4	19.65183	65.56	Pk	32.8	-56.9	-9.5	31.96	54	-22.04	74	-42.04
5	21.65311	66.35	Pk	33.2	-57.5	-9.5	32.55	54	-21.45	74	-41.45
6	23.51366	66.07	Pk	34.3	-57.3	-9.5	33.57	54	-20.43	74	-40.43

Pk - Peak detector

9.5. WORST CASE 26-40 GHz



26 – 40GHz DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T446 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	29.0995	63.92	Pk	36.5	-52.9	-9.5	38.02	54	-15.98	74	-35.98
2	31.85725	63.63	Pk	37.1	-53.3	-9.5	37.93	54	-16.07	74	-36.07
3	34.708	65.65	Pk	38.1	-54.6	-9.5	39.65	54	-14.35	74	-34.35
4	28.63375	64.98	Pk	36.6	-53.2	-9.5	38.88	54	-15.12	74	-35.12
5	31.73575	64.64	Pk	37.2	-53.5	-9.5	38.84	54	-15.16	74	-35.16
6	34.708	65.4	Pk	38.1	-54.6	-9.5	39.4	54	-14.6	74	-34.6

Pk - Peak detector

10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	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.

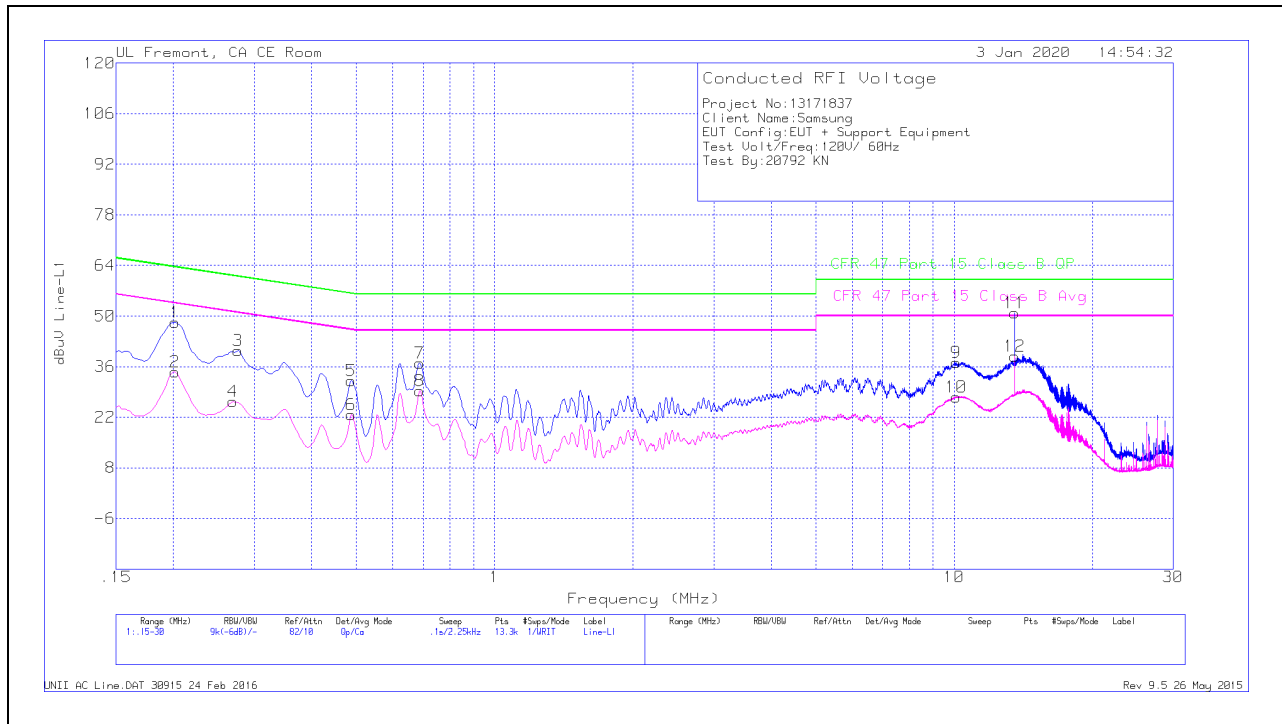
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

AC Power Line Norm

LINE 1 RESULTS



Trace Markers

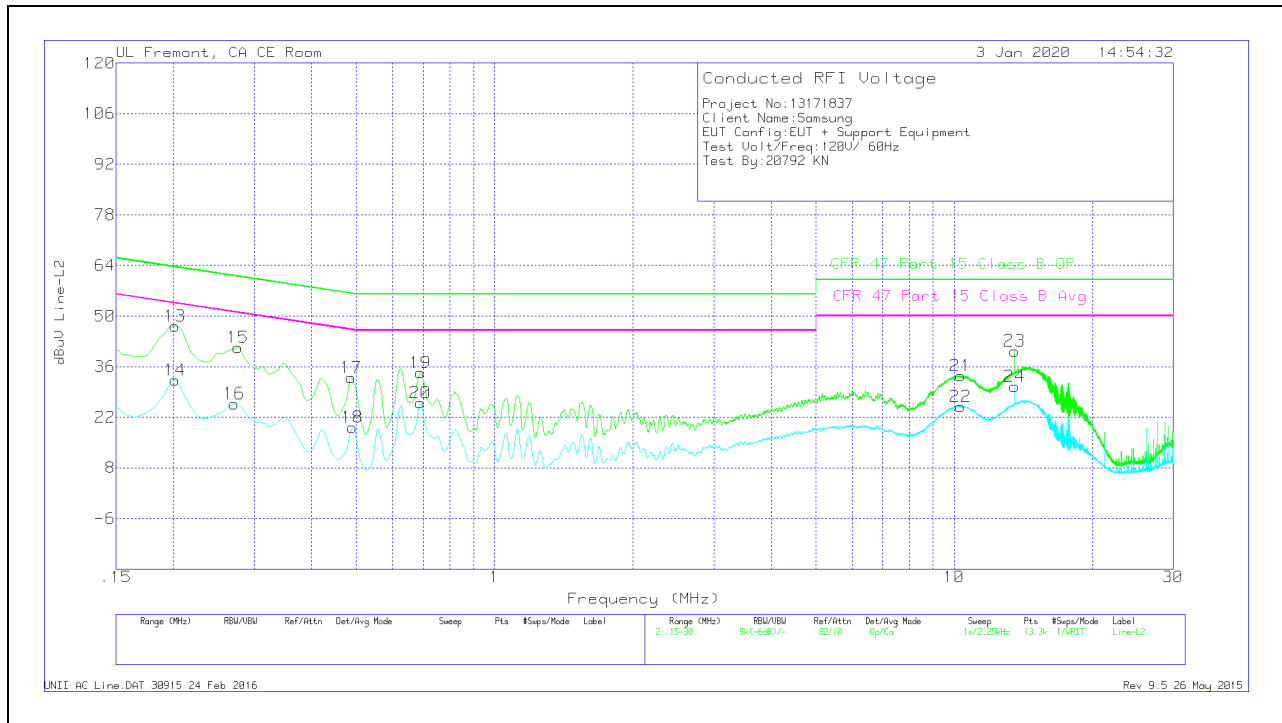
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.20175	38.14	Qp	0	0	10.1	48.24	63.54	-15.3	-	-
2	.20175	24.4	Ca	0	0	10.1	34.5	-	-	53.54	-19.04
3	.276	30.31	Qp	0	0	10.1	40.41	60.94	-20.53	-	-
4	.26925	16.18	Ca	0	0	10.1	26.28	-	-	51.14	-24.86
5	.4875	22.04	Qp	0	0	10.1	32.14	56.21	-24.07	-	-
6	.4875	12.62	Ca	0	0	10.1	22.72	-	-	46.21	-23.49
7	.68775	26.9	Qp	0	0	10.1	37	56	-19	-	-
8	.68775	19.25	Ca	0	0	10.1	29.35	-	-	46	-16.65
9	10.09725	26.75	Qp	0	.2	10.2	37.15	60	-22.85	-	-
10	10.09725	17.21	Ca	0	.2	10.2	27.61	-	-	50	-22.39
11	13.56	40.38	Qp	.1	.2	10.2	50.88	60	-9.12	-	-
12	13.56	28.34	Ca	.1	.2	10.2	38.84	-	-	50	-11.16

Qp - Quasi-Peak detector

Ca - CISPR average detection

NOTE: Markers 11 and 12, 13.56MHz is an external NFC signal unrelated to the EUT.

LINE 2 RESULTS



Trace Markers

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.20175	37.15	Qp	0	0	10.1	47.25	63.54	-16.29	-	-
14	.20175	22.16	Ca	0	0	10.1	32.26	-	-	53.54	-21.28
15	.276	31.26	Qp	0	0	10.1	41.36	60.94	-19.58	-	-
16	.2715	15.65	Ca	0	0	10.1	25.75	-	-	51.07	-25.32
17	.4875	22.88	Qp	0	0	10.1	32.98	56.21	-23.23	-	-
18	.48975	9.19	Ca	0	0	10.1	19.29	-	-	46.17	-26.88
19	.69	24.28	Qp	0	0	10.1	34.38	56	-21.62	-	-
20	.69	15.87	Ca	0	0	10.1	25.97	-	-	46	-20.03
21	10.34475	23.13	Qp	0	.2	10.2	33.53	60	-26.47	-	-
22	10.329	14.63	Ca	0	.2	10.2	25.03	-	-	50	-24.97
23	13.56	29.85	Qp	.1	.2	10.2	40.35	60	-19.65	-	-
24	13.56	20.02	Ca	.1	.2	10.2	30.52	-	-	50	-19.48

Qp - Quasi-Peak detector

Ca - CISPR average detection

NOTE: Markers 23 and 24, 13.56MHz is an external NFC signal unrelated to the EUT.