

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/Filt/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	1.9704	42.67	PK-U	31	-35.5	0	38.17	-	-	-	-	68.2	-30.03	51	356	H
2	* 3.95618	39.99	PK-U	33.4	-32.4	0	40.99	-	-	74	-33.01	-	-	159	185	H
	* 3.95757	29.17	ADR	33.4	-32.4	.3	30.47	54	-23.53	-	-	-	-	159	185	H
3	2.0067	41.69	PK-U	31	-35.3	0	37.39	-	-	-	-	68.2	-30.81	350	341	V
4	* 4.00081	40.56	PK-U	33.5	-32.1	0	41.96	-	-	74	-32.04	-	-	78	336	V
	* 4.00012	29.46	ADR	33.5	-32.1	.3	31.16	54	-22.84	-	-	-	-	78	336	V
5	* 10.63645	36.61	PK-U	37.9	-24.6	0	49.91	-	-	74	-24.09	-	-	244	111	H
	* 10.63653	26.44	ADR	37.9	-24.6	.3	40.04	54	-13.96	-	-	-	-	244	111	H
6	* 10.63694	40.32	PK-U	37.9	-24.6	0	53.62	-	-	74	-20.38	-	-	327	104	V
	* 10.63609	30.5	ADR	37.9	-24.6	.3	44.1	54	-9.9	-	-	-	-	327	104	V

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

PK-U - U-NII: Maximum Peak

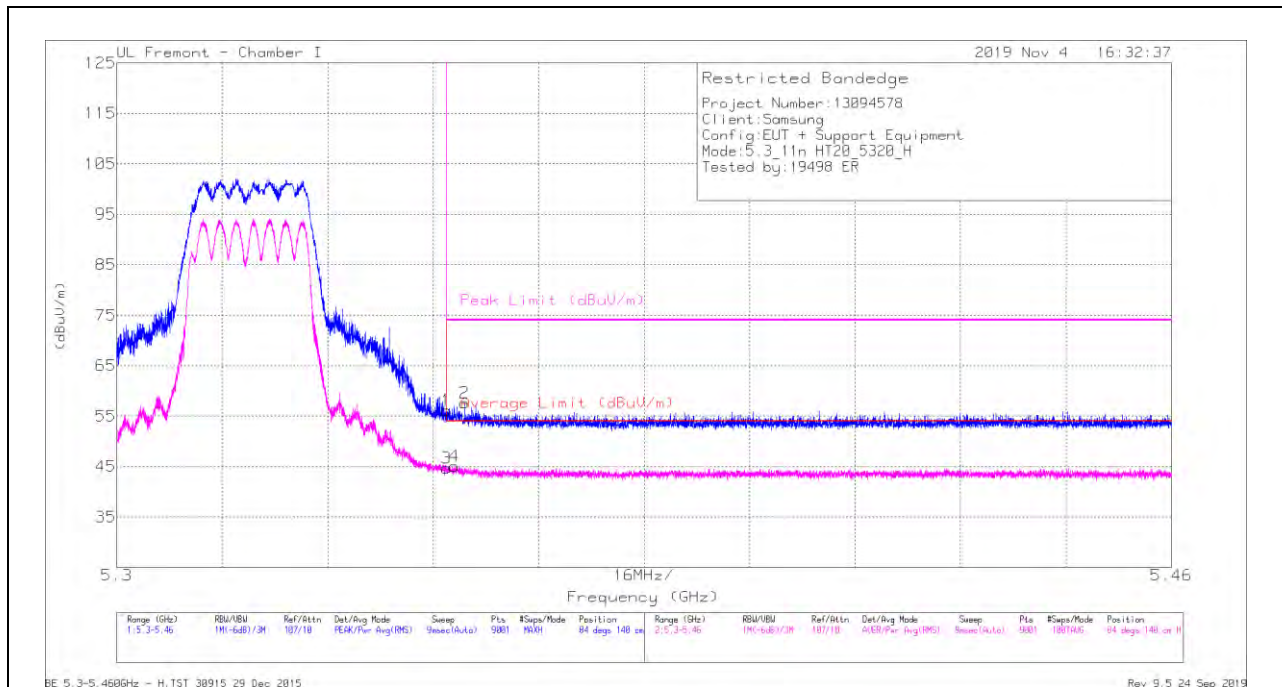
ADR - U-NII AD primary method, RMS average

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

2TX Chain 0 + Chain 1 CDD MODE

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

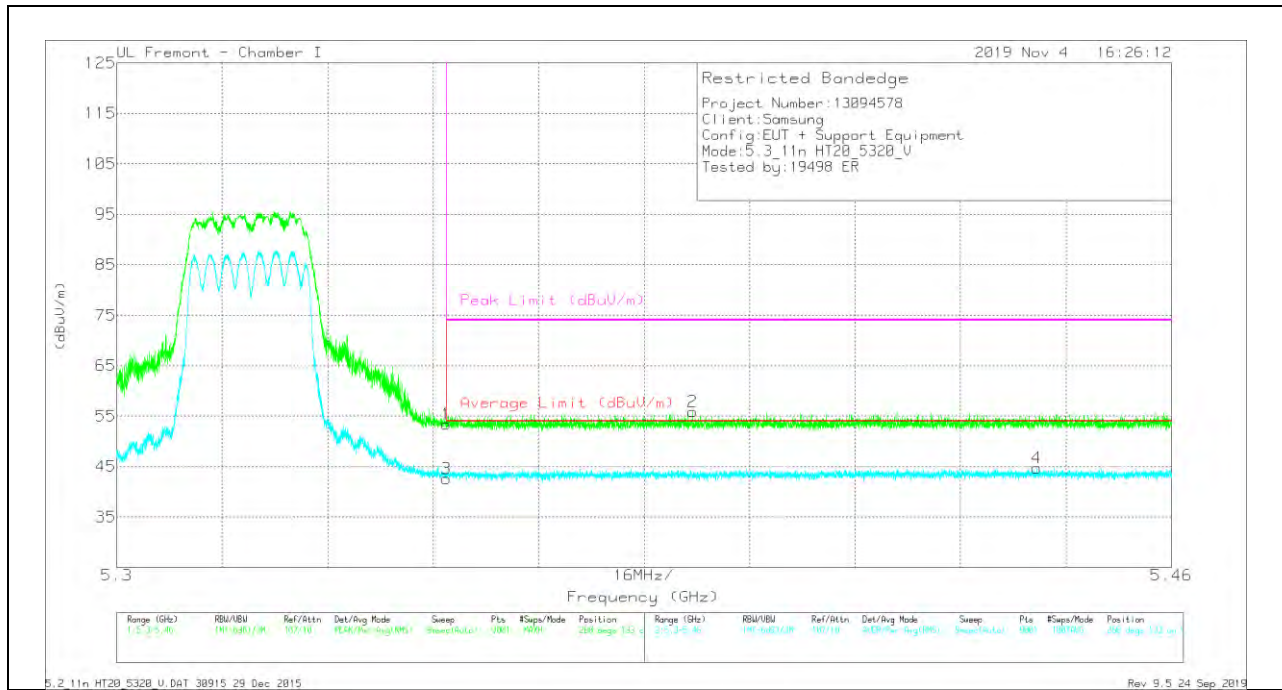
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.35001	37.68	Pk	34.6	-16.2	0	56.08	-	-	74	-17.92	84	140	H
2	*5.35278	39.27	Pk	34.6	-16.2	0	57.67	-	-	74	-16.33	84	140	H
3	*5.35001	26.03	RMS	34.6	-16.2	.32	44.75	54	-9.25	-	-	84	140	H
4	*5.35124	26.22	RMS	34.6	-16.1	.32	45.04	54	-8.96	-	-	84	140	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/Filtr/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	34.99	Pk	34.6	-16.2	0	53.39	-	-	74	-20.61	268	133	V
2	*5.38733	37.31	Pk	34.6	-16	0	55.91	-	-	74	-18.09	268	133	V
3	*5.35001	23.88	RMS	34.6	-16.2	.32	42.6	54	-11.4	-	-	268	133	V
4	*5.43954	25.3	RMS	34.9	-15.8	.32	44.72	54	-9.28	-	-	268	133	V

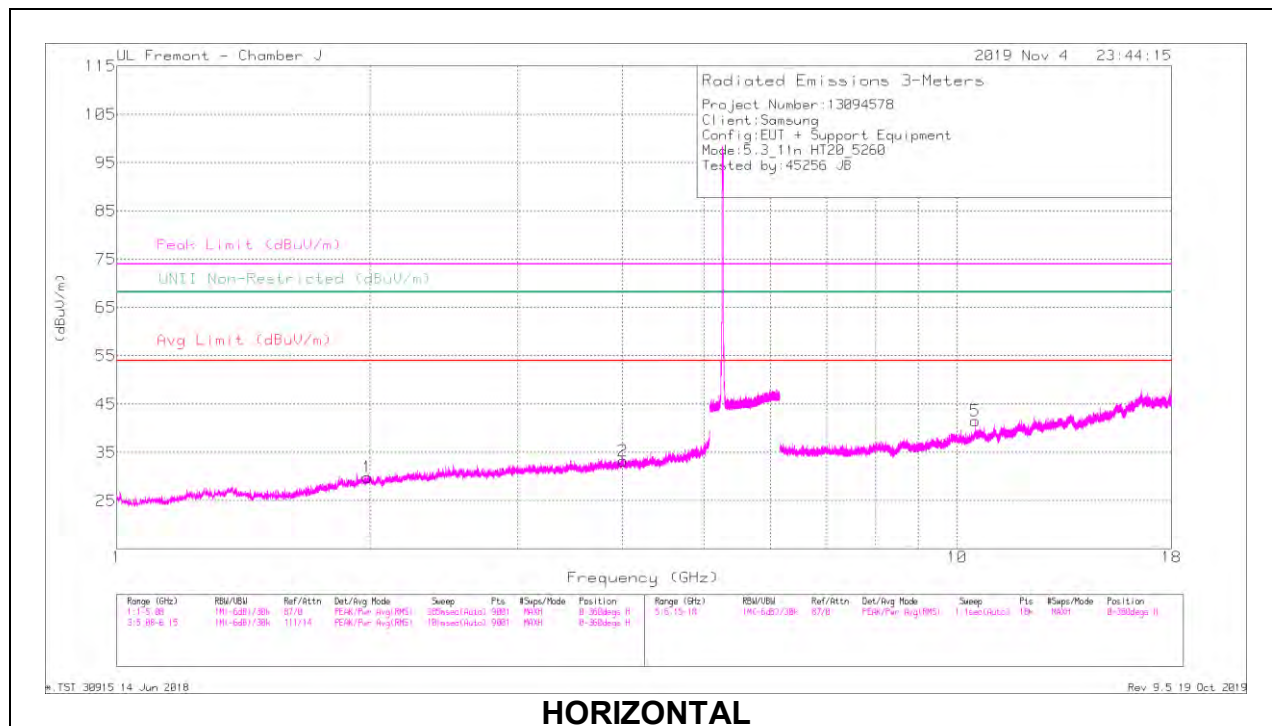
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

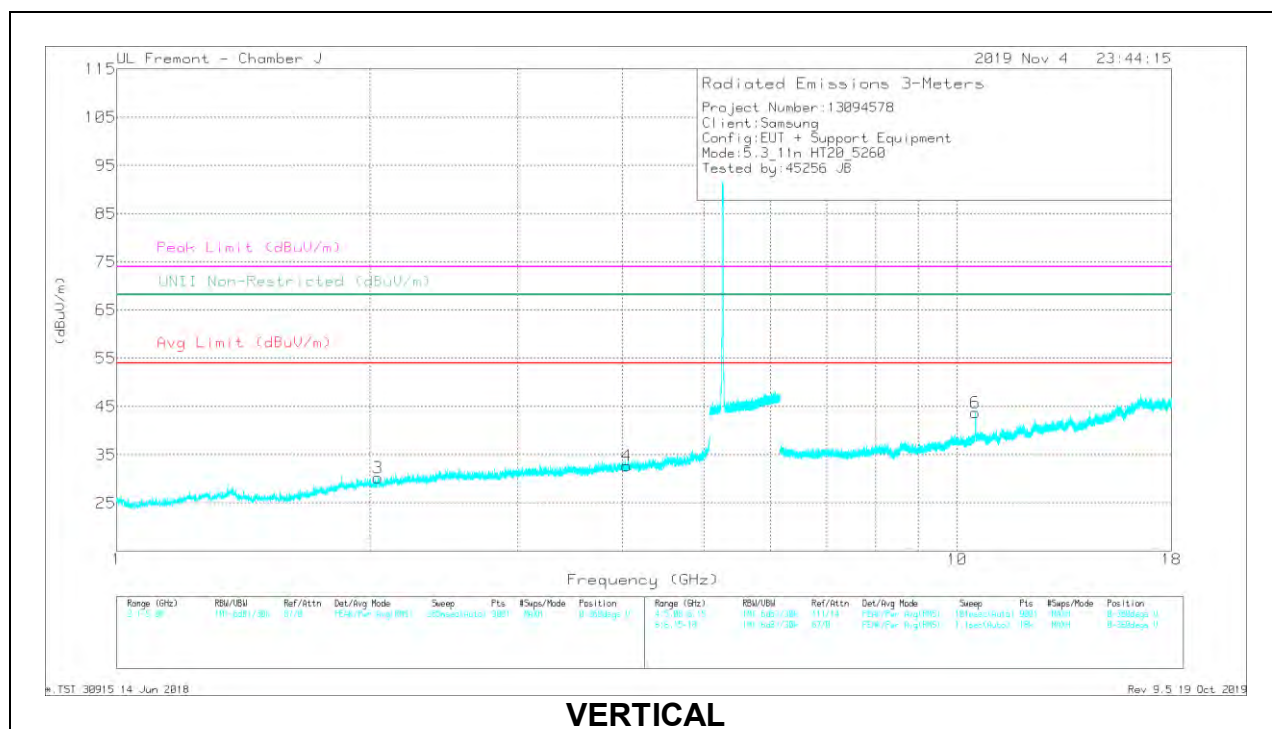
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



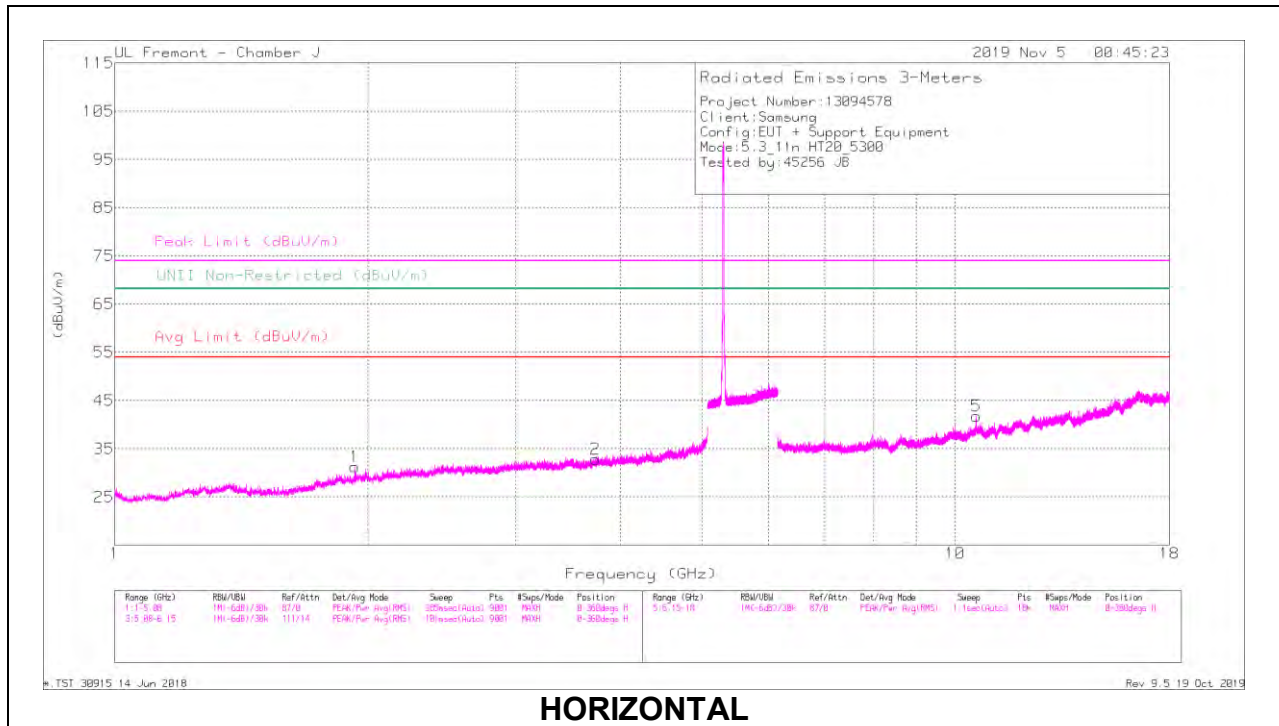
VERTICAL

RADIATED EMISSIONS

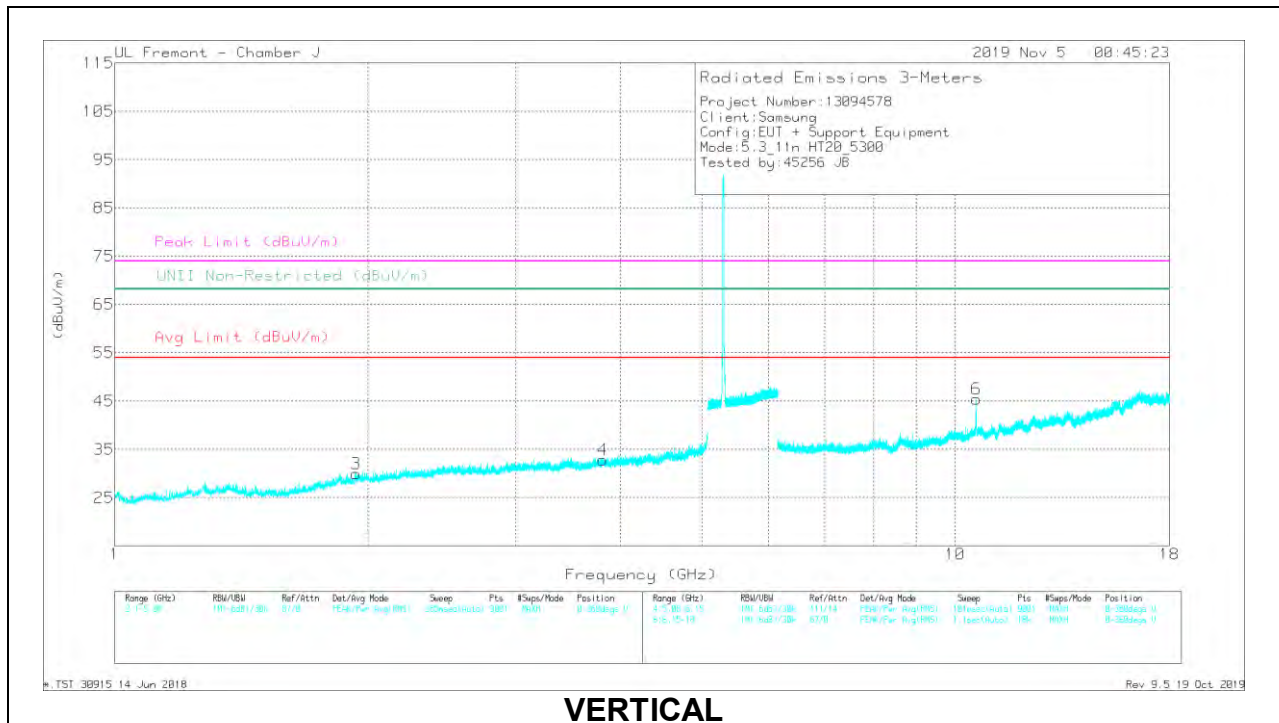
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 4.00658	39.55	PK-U	33.5	-32.1	0	40.95	-	-	74	-33.05	-	-	78	366	H
	* 4.00415	29.22	ADR	33.5	-32.1	32	30.94	54	-23.06	-	-	-	-	78	366	H
1	1.98634	41.77	PK-U	31	-35.4	0	37.37	-	-	-	-	68.2	-30.83	331	193	H
4	* 4.04922	39.16	PK-U	33.5	-31.9	0	40.76	-	-	74	-33.24	-	-	206	332	V
	* 4.04576	29.09	ADR	33.5	-31.9	32	31.01	54	-22.99	-	-	-	-	206	332	V
3	2.04686	42.1	PK-U	30.9	-35.2	0	37.8	-	-	-	-	68.2	-30.4	344	312	V
5	10.51919	34.95	PK-U	37.7	-24.9	0	47.75	-	-	-	-	68.2	-20.45	122	207	H
6	10.52064	41	PK-U	37.7	-24.9	0	53.8	-	-	-	-	68.2	-14.4	265	103	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

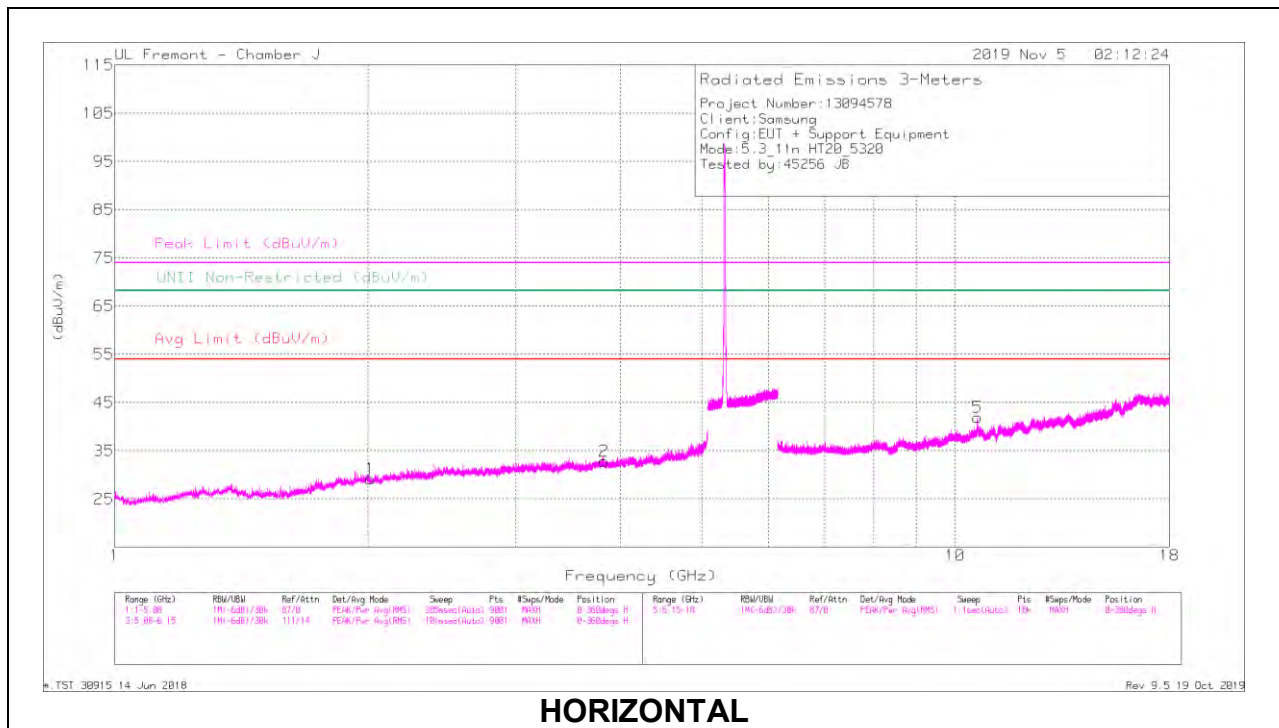
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.93076	42.96	PK-U	30.6	-35.5	0	38.06	-	-	-	-	68.2	-30.14	254	145	H
2	* 3.72843	40	PK-U	33.2	-33	0	40.2	-	-	74	-33.8	-	-	17	226	H
	* 3.73155	29.83	ADR	33.2	-32.9	-32	30.45	54	-23.55	-	-	-	-	17	226	H
3	1.9365	42.27	PK-U	30.6	-35.5	0	37.37	-	-	-	-	68.2	-30.83	20	192	V
4	* 3.80981	39.36	PK-U	33.5	-32.5	0	40.36	-	-	74	-33.64	-	-	28	276	V
	* 3.81139	29.55	ADR	33.5	-32.4	-32	30.97	54	-23.03	-	-	-	-	28	276	V
5	* 10.60256	38.54	PK-U	37.9	-24.7	0	51.74	-	-	74	-22.26	-	-	241	110	H
	* 10.60072	26.58	ADR	37.9	-24.7	-32	40.1	54	-13.9	-	-	-	-	241	110	H
6	* 10.60141	40.18	PK-U	37.9	-24.7	0	53.38	-	-	74	-20.62	-	-	266	102	V
	* 10.60072	29.35	ADR	37.9	-24.7	-32	42.87	54	-11.13	-	-	-	-	266	102	V

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

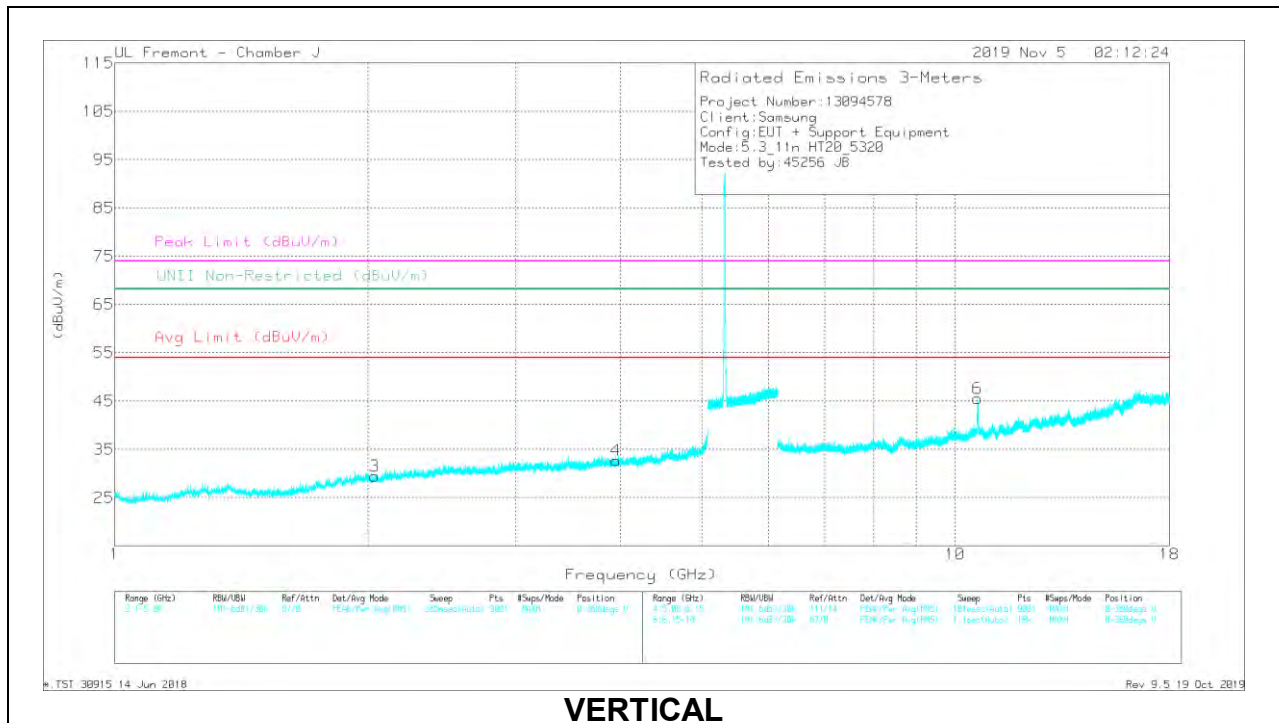
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.0152	41.55	PK-U	30.9	-35.3	0	37.15	-	-	-	-	68.2	-31.05	221	116	H
2	* 3.82062	39.39	PK-U	33.5	-32.4	0	40.49	-	-	74	-33.51	-	-	220	282	H
	* 3.81909	29.62	ADR	33.5	-32.4	-32	31.04	54	-22.96	-	-	-	-	220	282	H
3	2.03914	42.22	PK-U	30.9	-35.2	0	37.92	-	-	-	-	68.2	-30.28	13	268	V
4	* 3.94982	40.12	PK-U	33.5	-32.4	0	41.22	-	-	74	-32.78	-	-	301	400	V
	* 3.95159	29.55	ADR	33.4	-32.4	-32	30.87	54	-23.13	-	-	-	-	301	400	V
5	* 10.64225	38.07	PK-U	37.9	-24.6	0	51.37	-	-	74	-22.63	-	-	242	114	H
	* 10.64057	26.44	ADR	37.9	-24.6	-32	40.06	54	-13.94	-	-	-	-	242	114	H
6	* 10.64309	40.9	PK-U	37.9	-24.6	0	54.2	-	-	74	-19.8	-	-	328	104	V
	* 10.64341	29.92	ADR	37.9	-24.6	-32	43.54	54	-10.46	-	-	-	-	328	104	V

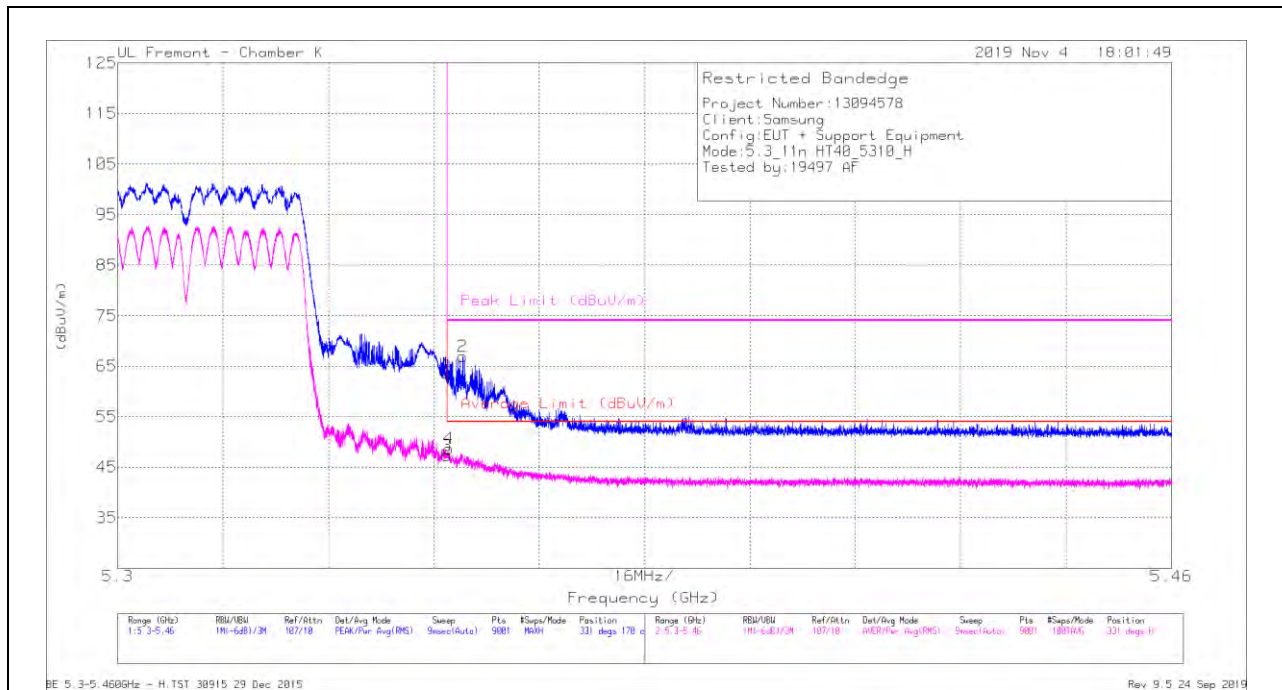
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

2TX Chain 0 + Chain 1 CDD MODE

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

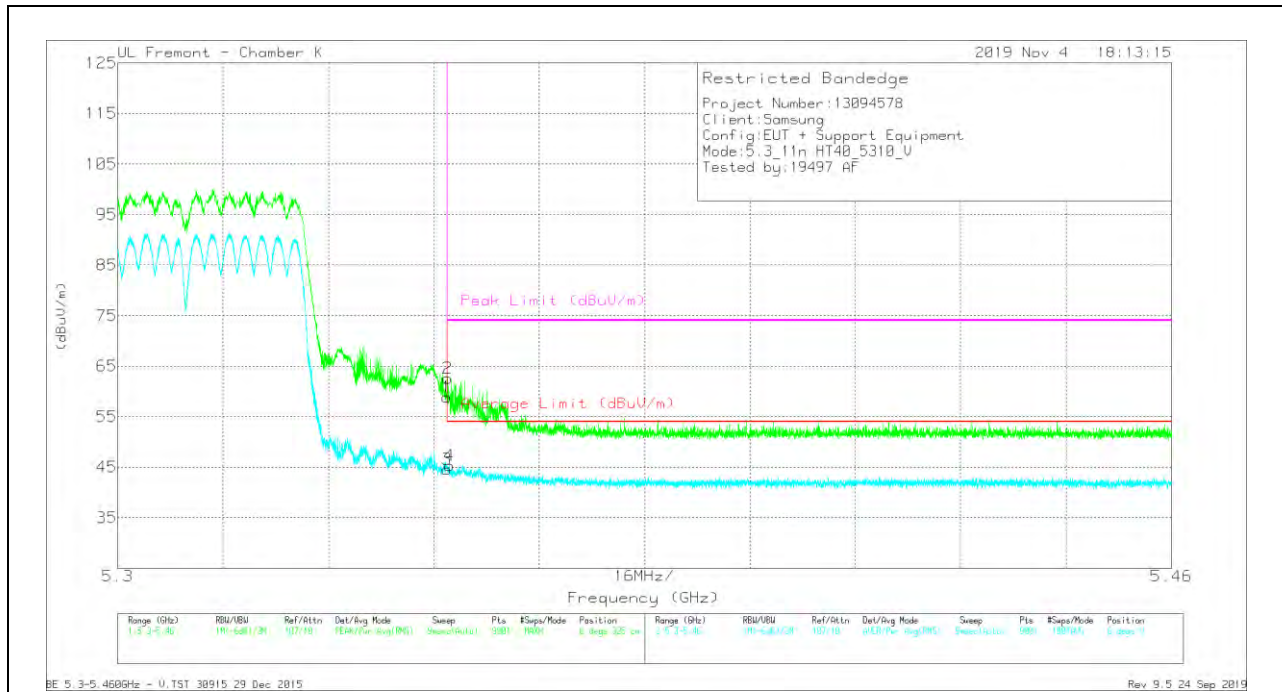
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	49.03	Pk	34.4	-19.9	0	63.53	-	-	74	-10.47	331	170	H
2	* 5.35241	52.44	Pk	34.4	-19.9	0	66.94	-	-	74	-7.06	331	170	H
3	* 5.35001	32.21	RMS	34.4	-19.9	.61	47.32	54	-6.68	-	-	331	170	H
4	* 5.35029	33.61	RMS	34.4	-19.9	.61	48.72	54	-5.28	-	-	331	170	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 EMC4294 (dB/m)	Amp/Cb/Filtr/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	44.33	Pk	34.4	-19.9	0	58.83	-	-	74	-15.17	6	325	V
2	* 5.35006	48.07	Pk	34.4	-19.9	0	62.57	-	-	74	-11.43	6	325	V
3	* 5.35001	29.49	RMS	34.4	-19.9	.61	44.6	54	-9.4	-	-	6	325	V
4	* 5.35038	30.18	RMS	34.4	-19.9	.61	45.29	54	-8.71	-	-	6	325	V

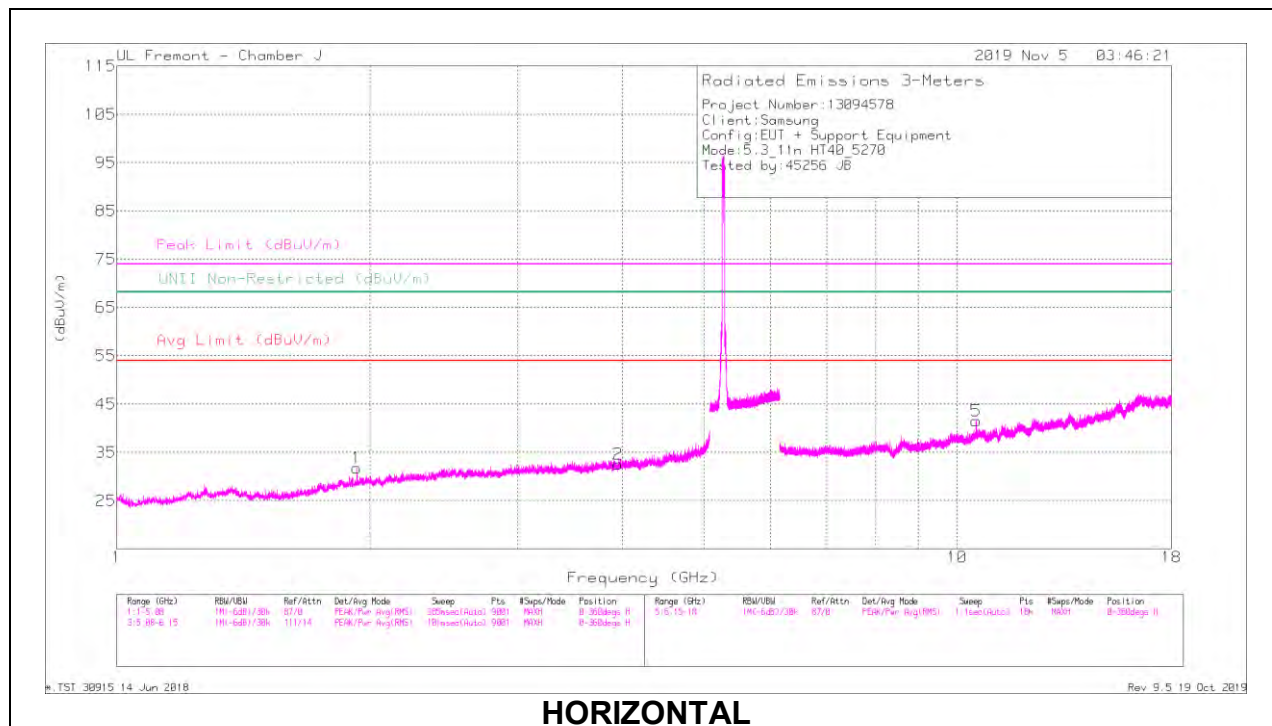
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

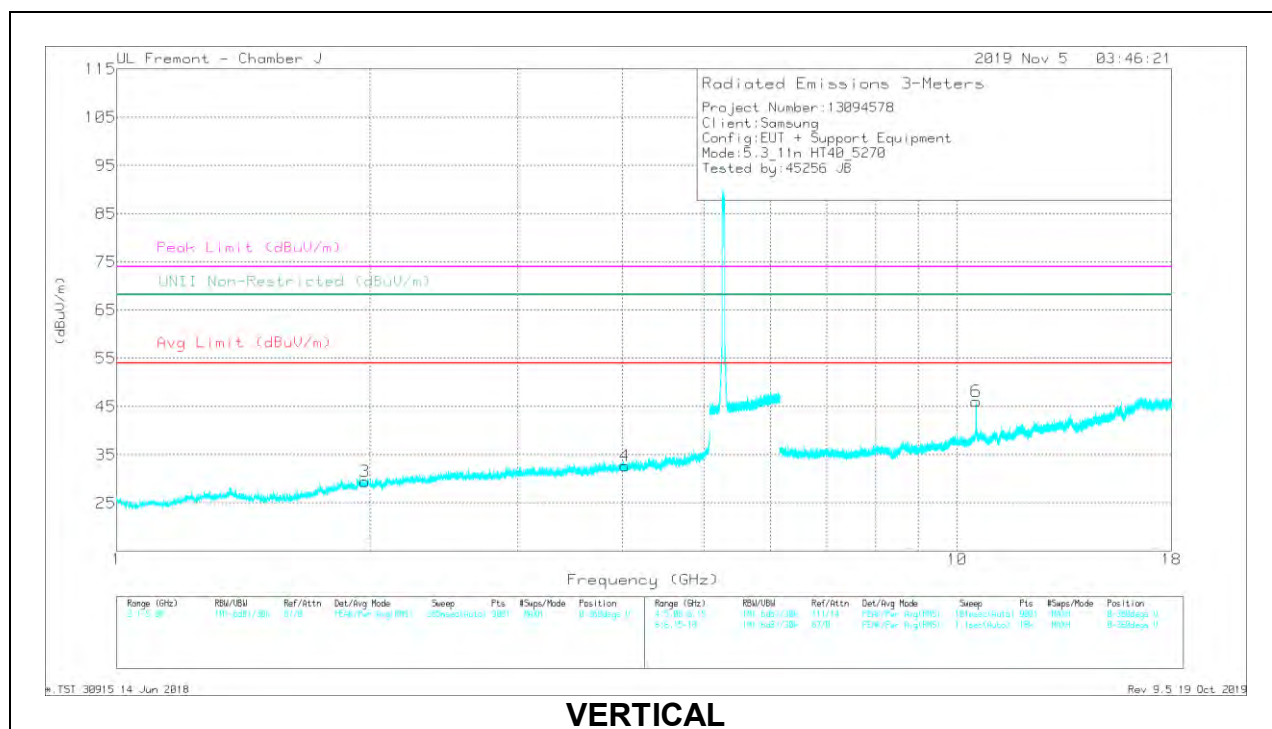
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



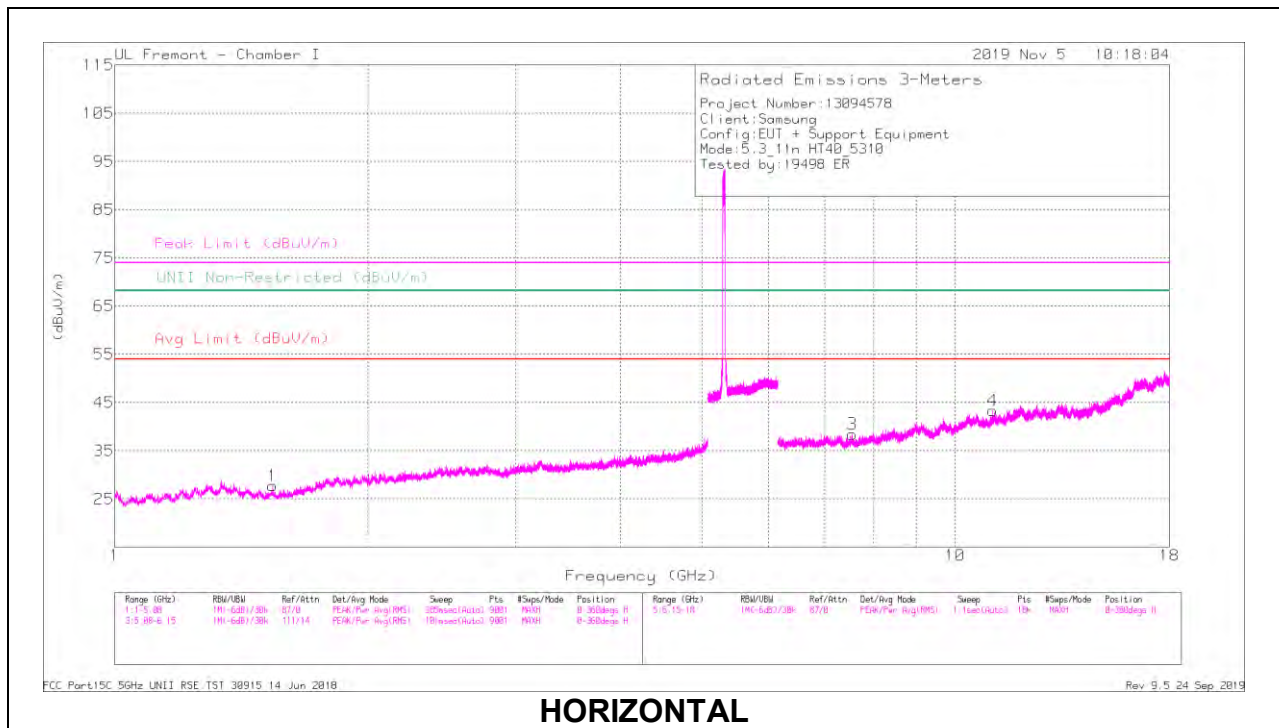
VERTICAL

RADIATED EMISSIONS

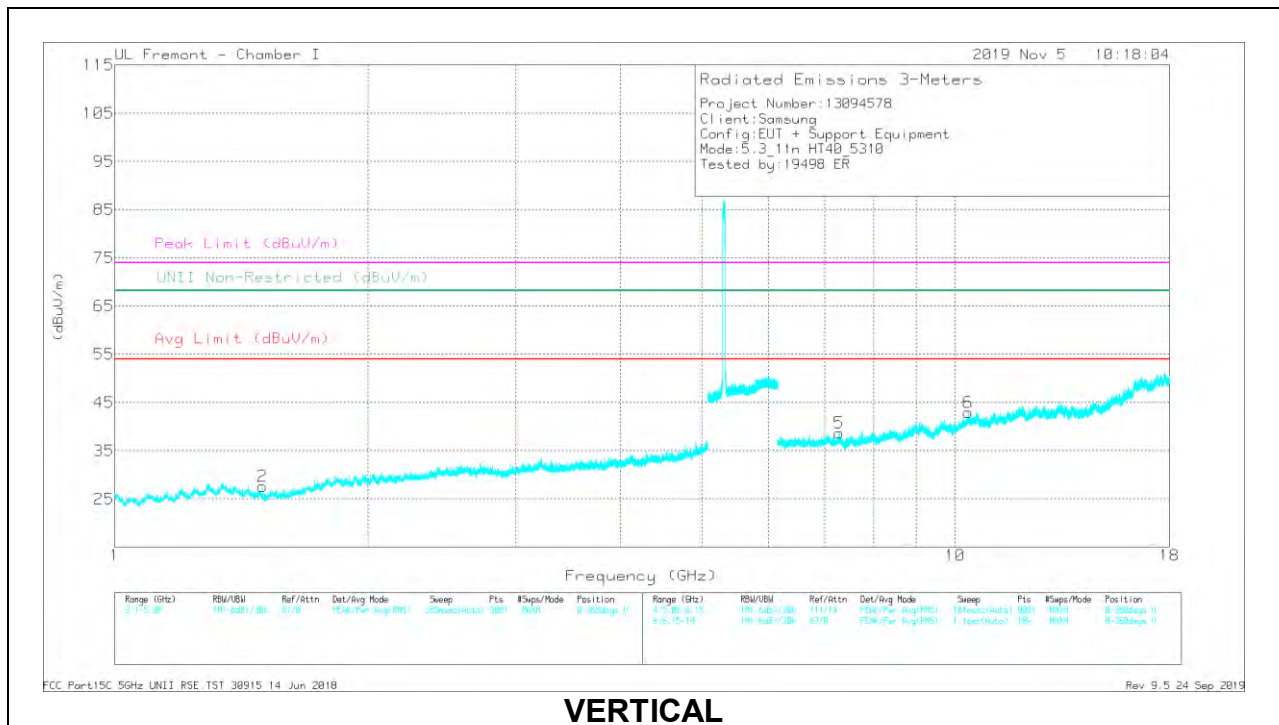
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.95053	40.01	PK-U	33.5	-32.4	0	41.11	-	-	74	-32.89	-	-	259	232	H
	* 3.94909	29.74	ADR	33.5	-32.4	.61	31.45	54	-22.55	-	-	-	-	259	232	H
1	1.93127	43.15	PK-U	30.6	-35.5	0	38.25	-	-	-	-	68.2	-29.95	267	139	H
4	* 4.02439	38.96	PK-U	33.5	-32	0	40.46	-	-	74	-33.54	-	-	126	329	V
	* 4.02487	29.76	ADR	33.5	-32	.61	31.87	54	-22.13	-	-	-	-	126	329	V
3	1.975	41.59	PK-U	31.1	-35.5	0	37.19	-	-	-	-	68.2	-31.01	235	166	V
5	10.54127	36.74	PK-U	37.8	-24.8	0	49.74	-	-	-	-	68.2	-18.46	231	135	H
6	10.543	37.82	PK-U	37.8	-24.8	0	50.82	-	-	-	-	68.2	-17.38	266	144	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	* 1.54198	37.02	PK-U	28.1	-31.6	0	33.52	-	-	74	-40.48	-	-	236	270	H
	* 1.54019	27.34	ADR	28.1	-31.6	.61	24.45	54	-29.55	-	-	-	-	236	270	H
2	* 1.49717	37.91	PK-U	28	-31.8	0	34.11	-	-	74	-39.89	-	-	136	167	V
	* 1.49738	28.26	ADR	28	-31.8	.61	25.07	54	-28.93	-	-	-	-	136	167	V
3	* 7.55123	28.32	PK-U	35.6	-18.8	0	45.12	-	-	74	-28.88	-	-	60	122	H
	* 7.55152	18.67	ADR	35.6	-18.8	.61	36.08	54	-17.92	-	-	-	-	60	122	H
4	* 11.08901	27.98	PK-U	37.9	-16.2	0	49.68	-	-	74	-24.32	-	-	84	253	H
	* 11.08923	17.87	ADR	37.9	-16.2	.61	40.18	54	-13.82	-	-	-	-	84	253	H
5	* 7.27698	28.87	PK-U	35.5	-18.6	0	45.77	-	-	74	-28.23	-	-	146	133	V
	* 7.2785	18.35	ADR	35.5	-18.6	.61	35.86	54	-18.14	-	-	-	-	146	133	V
6	10.37884	27.18	PK-U	37.5	-15.3	0	49.38	-	-	-	-	68.2	-18.82	60	226	V

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

PK-U - U-NII: Maximum Peak

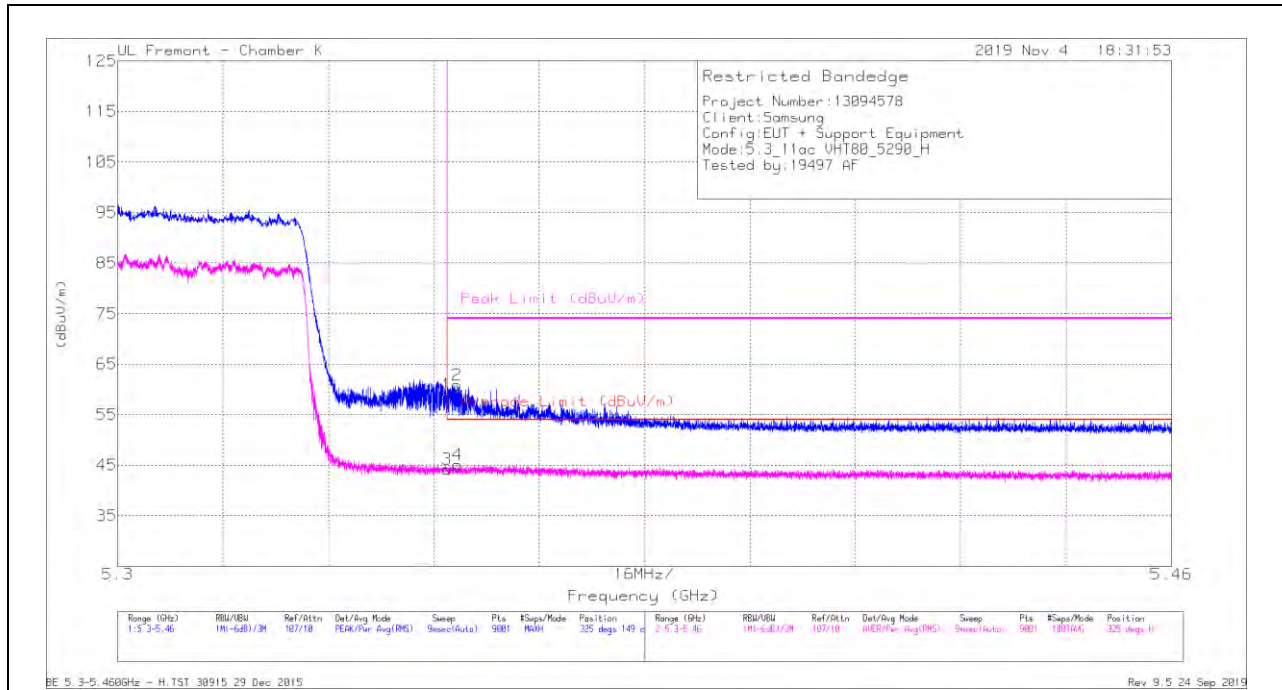
ADR - U-NII AD primary method, RMS average

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

2TX Chain 0 + Chain 1 CDD MODE

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Trace Markers

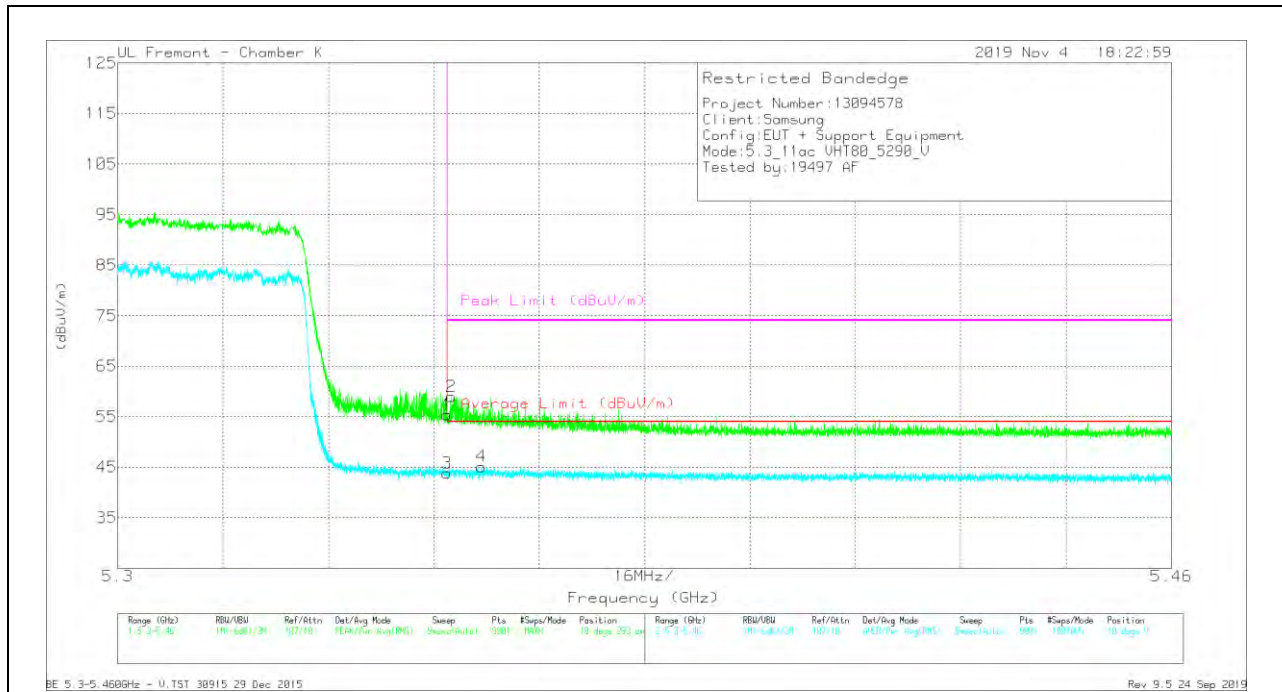
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cb/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	44.53	Pk	34.4	-19.9	0	59.03	-	-	74	-14.97	325	149	H
2	* 5.3515	46.36	Pk	34.4	-19.9	0	60.86	-	-	74	-13.14	325	149	H
3	* 5.35001	27.85	RMS	34.4	-19.9	1.84	44.19	54	-9.81	-	-	325	149	H
4	* 5.35165	28.79	RMS	34.4	-19.9	1.84	45.13	54	-8.87	-	-	325	149	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 EMC4294 (dB/m)	Amp/Cb/Filtr/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	40.92	Pk	34.4	-19.9	0	55.42	-	-	74	-18.58	10	293	V
2	* 5.35063	44.53	Pk	34.4	-19.9	0	59.03	-	-	74	-14.97	10	293	V
3	* 5.35001	27.53	RMS	34.4	-19.9	1.84	43.87	54	-10.13	-	-	10	293	V
4	* 5.35522	28.8	RMS	34.4	-19.9	1.84	45.14	54	-8.86	-	-	10	293	V

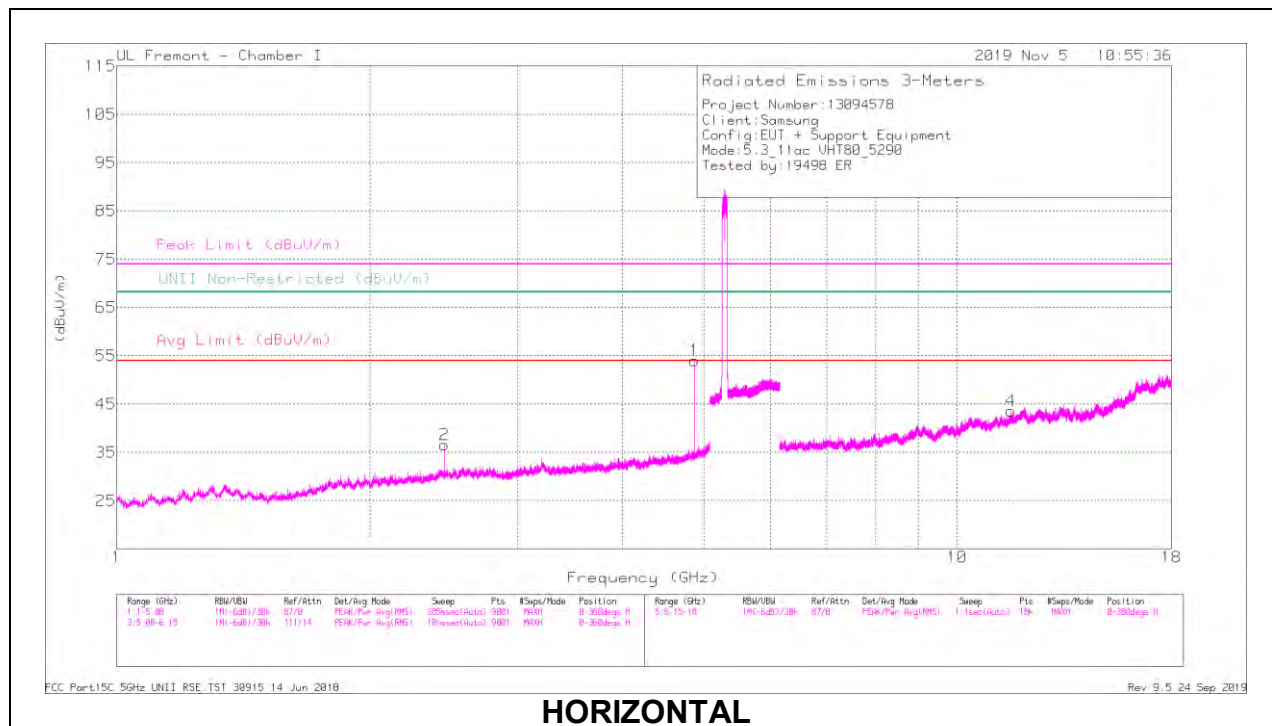
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

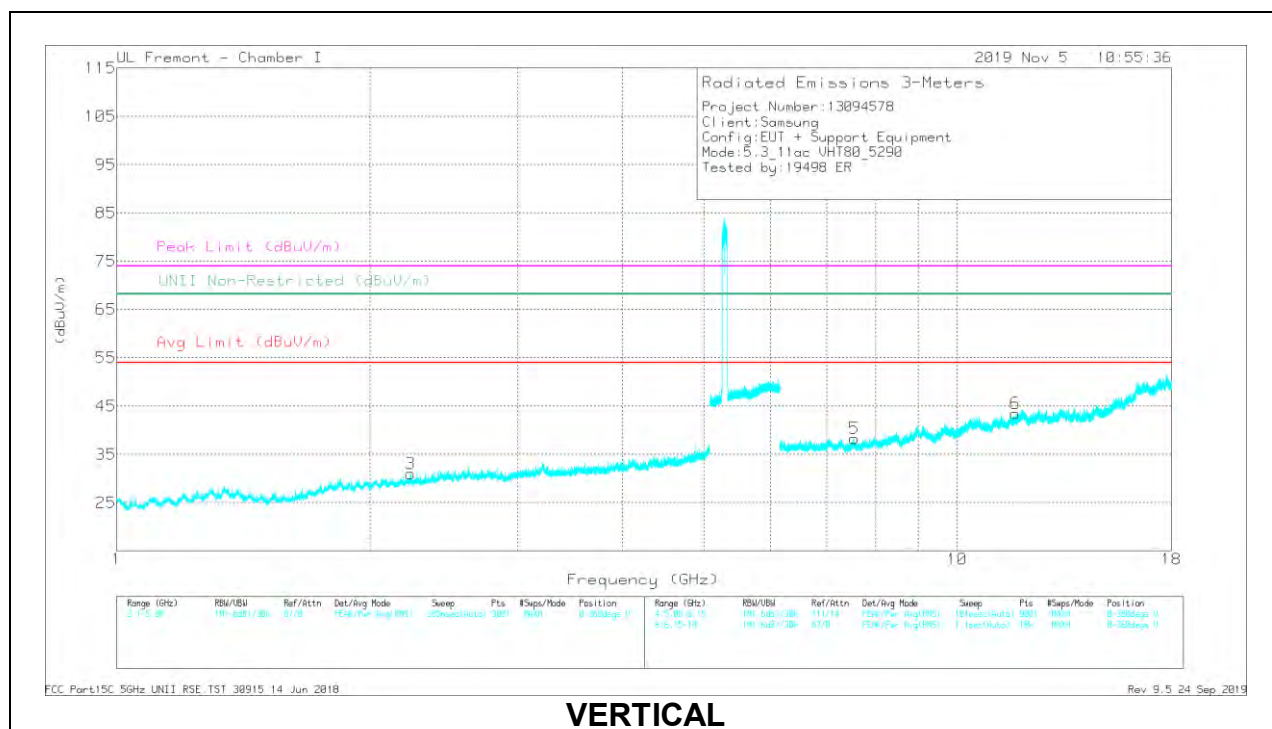
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 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	* 4.87437	34.24	PK-U	34.1	-25.6	0	42.74	-	-	74	-31.26	-	-	69	136	H
	* 4.8712	23.98	ADR	34.1	-25.8	1.84	34.12	54	-19.88	-	-	-	-	69	136	H
2	2.45319	51.55	PK-U	32.2	-30.2	0	53.55	-	-	-	-	68.2	-14.65	164	209	H
3	* 2.24037	36.53	PK-U	31.5	-30.2	0	37.83	-	-	74	-36.17	-	-	145	194	V
	* 2.23961	26.43	ADR	31.5	-30.2	1.84	29.57	54	-24.43	-	-	-	-	145	194	V
4	* 11.58511	27.63	PK-U	38.4	-16	0	50.03	-	-	74	-23.97	-	-	290	122	H
	* 11.58644	17.46	ADR	38.4	-16	1.84	41.7	54	-12.3	-	-	-	-	290	122	H
5	* 7.54161	29.15	PK-U	35.5	-18.7	0	45.95	-	-	74	-28.05	-	-	337	229	V
	* 7.54211	18.2	ADR	35.5	-18.7	1.84	36.84	54	-17.16	-	-	-	-	337	229	V
6	* 11.72979	27.86	PK-U	38.5	-15.7	0	50.66	-	-	74	-23.34	-	-	54	258	V
	* 11.73172	17.34	ADR	38.5	-15.7	1.84	41.98	54	-12.02	-	-	-	-	54	258	V

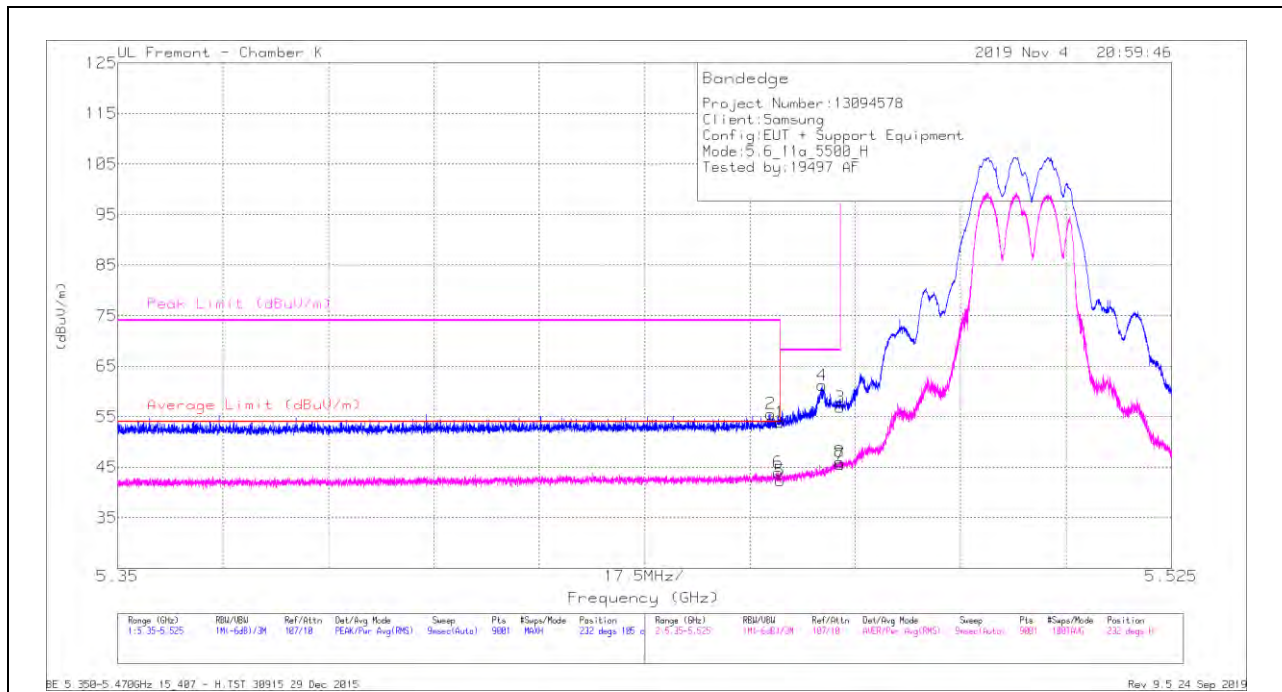
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

2TX Chain 0 + Chain 1 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

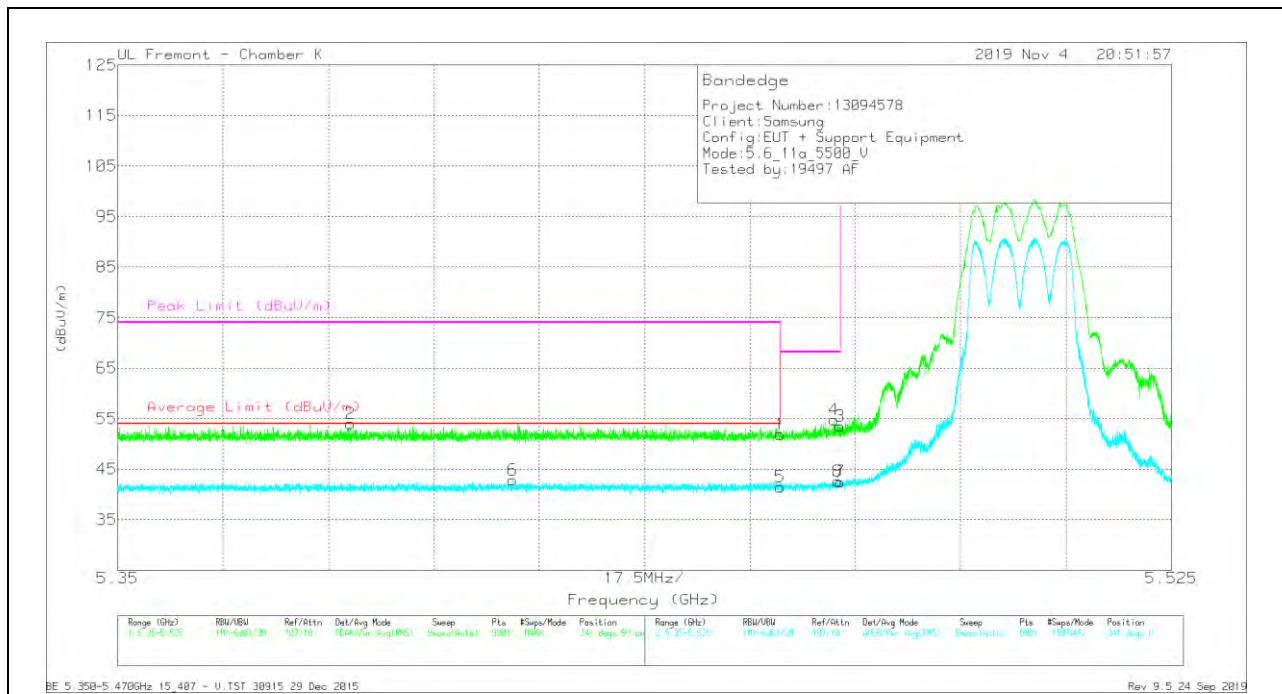
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cb1/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	39.14	Pk	34.5	-19.7	0	53.94	-	-	74	-20.06	232	105	H
2	* 5.45844	40.77	Pk	34.5	-19.7	0	55.57	-	-	74	-18.43	232	105	H
3	5.46999	42.07	Pk	34.5	-19.7	0	56.87	-	-	68.2	-11.33	232	105	H
4	5.46698	46.56	Pk	34.4	-19.7	0	61.26	-	-	68.2	-6.94	232	105	H
5	* 5.45999	27.28	RMS	34.5	-19.7	.3	42.38	54	-11.62	-	-	232	105	H
6	* 5.4597	28.9	RMS	34.5	-19.7	.3	44	54	-10	-	-	232	105	H
7	5.46999	30.49	RMS	34.5	-19.7	.3	45.59	-	-	-	-	232	105	H
8	5.46991	31	RMS	34.5	-19.7	.3	46.1	-	-	-	-	232	105	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 EMC4294 (dB/m)	Amp/Cb/Filtr/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	37.05	Pk	34.5	-19.7	0	51.85	-	-	74	-22.15	341	99	V
2	* 5.38867	39.36	Pk	34.4	-19.7	0	54.06	-	-	74	-19.94	341	99	V
3	5.46999	38.75	Pk	34.5	-19.7	0	53.55	-	-	68.2	-14.65	341	99	V
4	5.4689	40.02	Pk	34.5	-19.7	0	54.82	-	-	68.2	-13.38	341	99	V
5	* 5.45999	26.41	RMS	34.5	-19.7	.3	41.51	54	-12.49	-	-	341	99	V
6	* 5.41557	27.73	RMS	34.5	-19.7	.3	42.83	54	-11.17	-	-	341	99	V
7	5.46999	27.43	RMS	34.5	-19.7	.3	42.53	-	-	-	-	341	99	V
8	5.4696	27.46	RMS	34.5	-19.7	.3	42.56	-	-	-	-	341	99	V

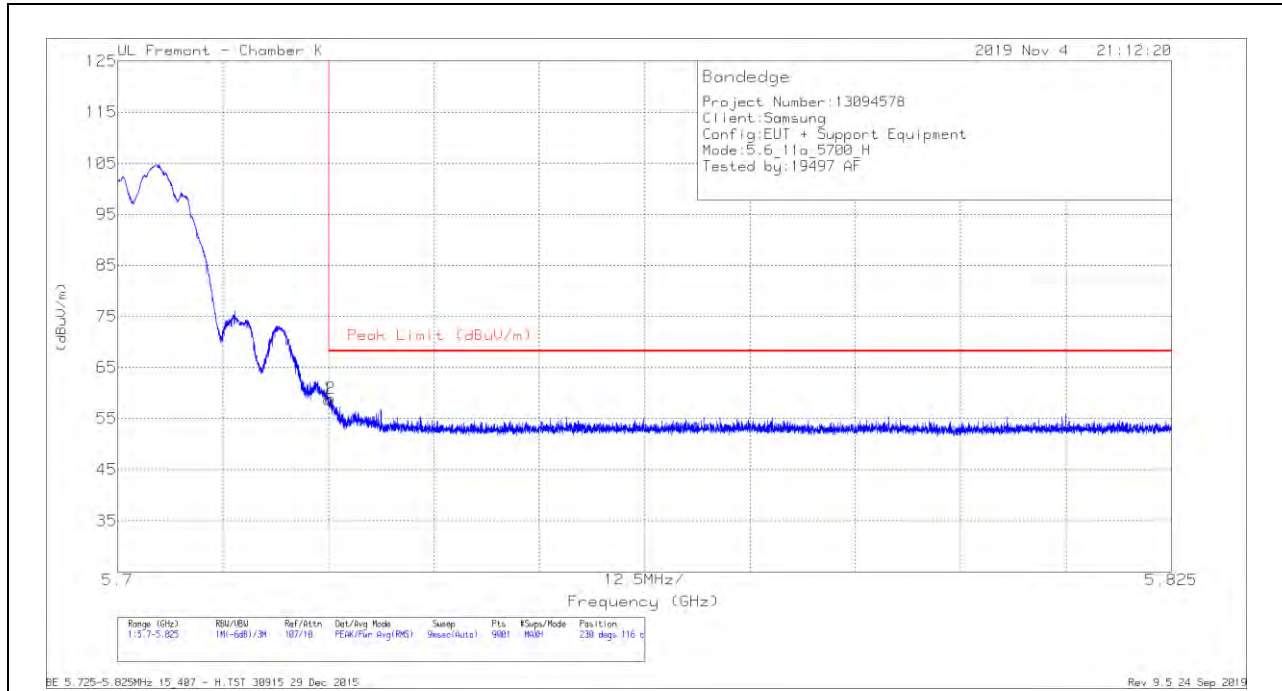
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

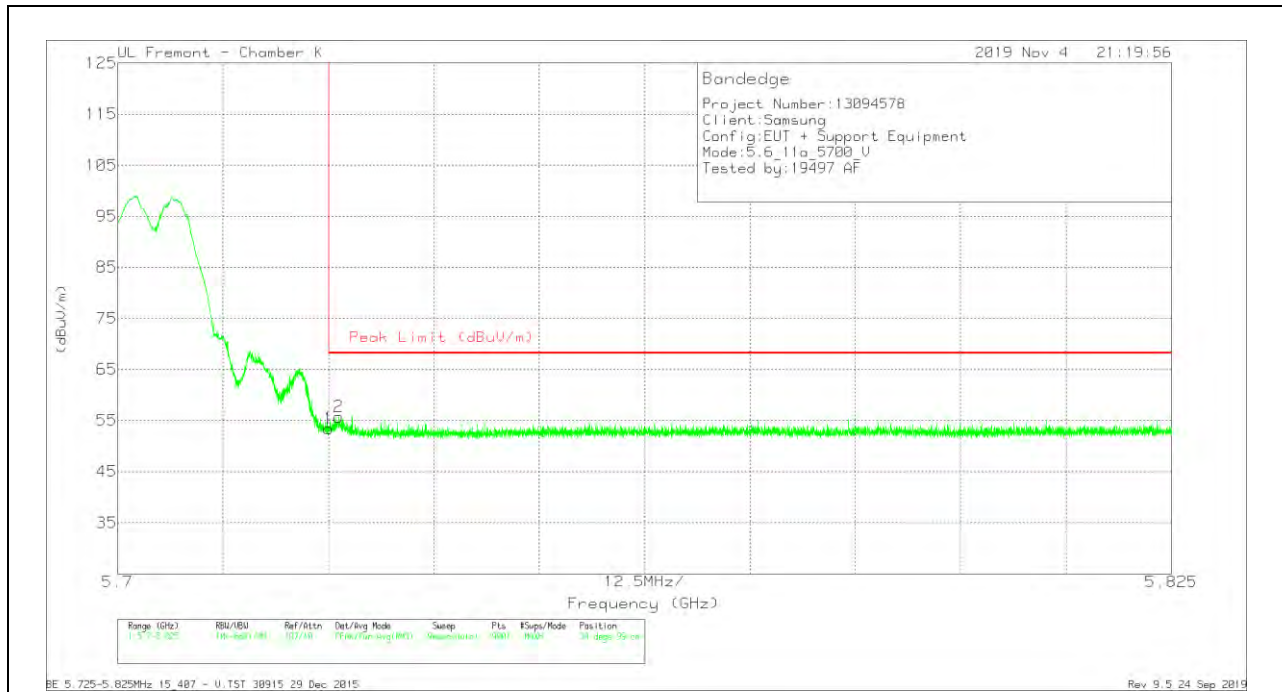


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (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	42.96	Pk	34.8	-19	0	58.76	68.2	-9.44	230	116	H
2	5.72522	43.16	Pk	34.8	-19	0	58.96	68.2	-9.24	230	116	H

Pk - Peak detector

VERTICAL RESULT



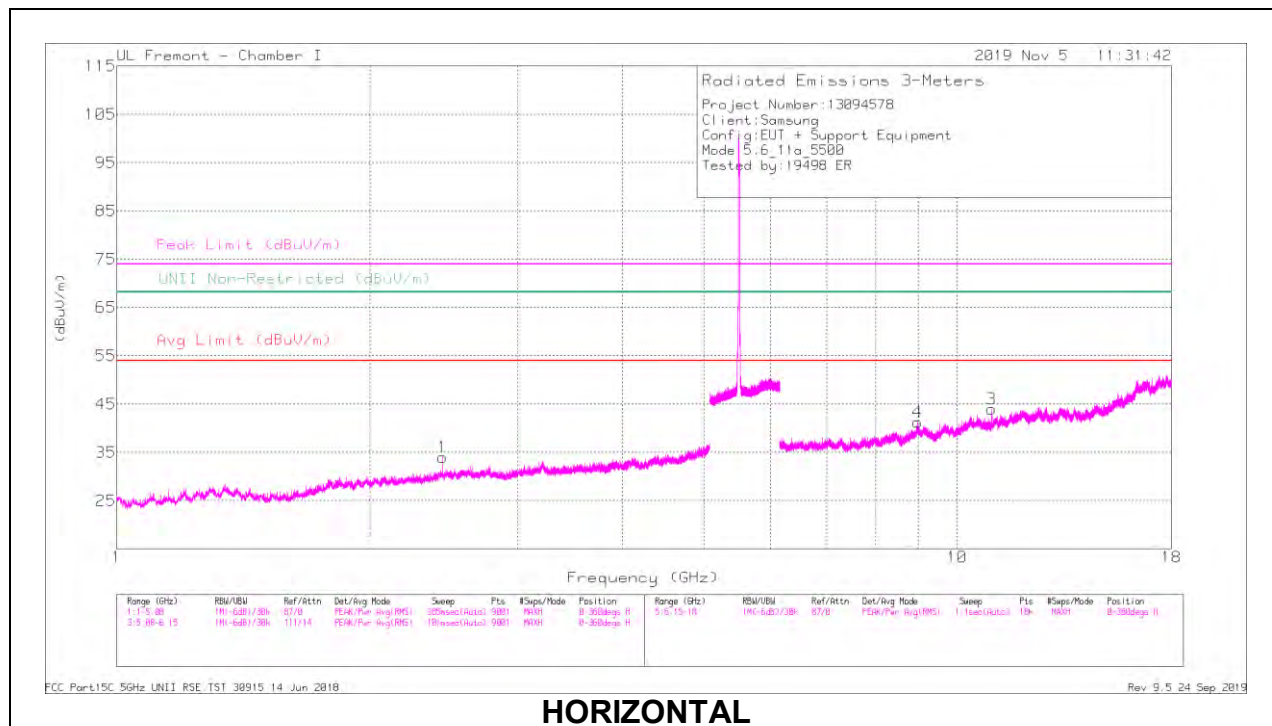
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (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	37.58	Pk	34.8	-19	0	53.38	68.2	-14.82	38	99	V
2	5.72622	39.91	Pk	34.8	-19	0	55.71	68.2	-12.49	38	99	V

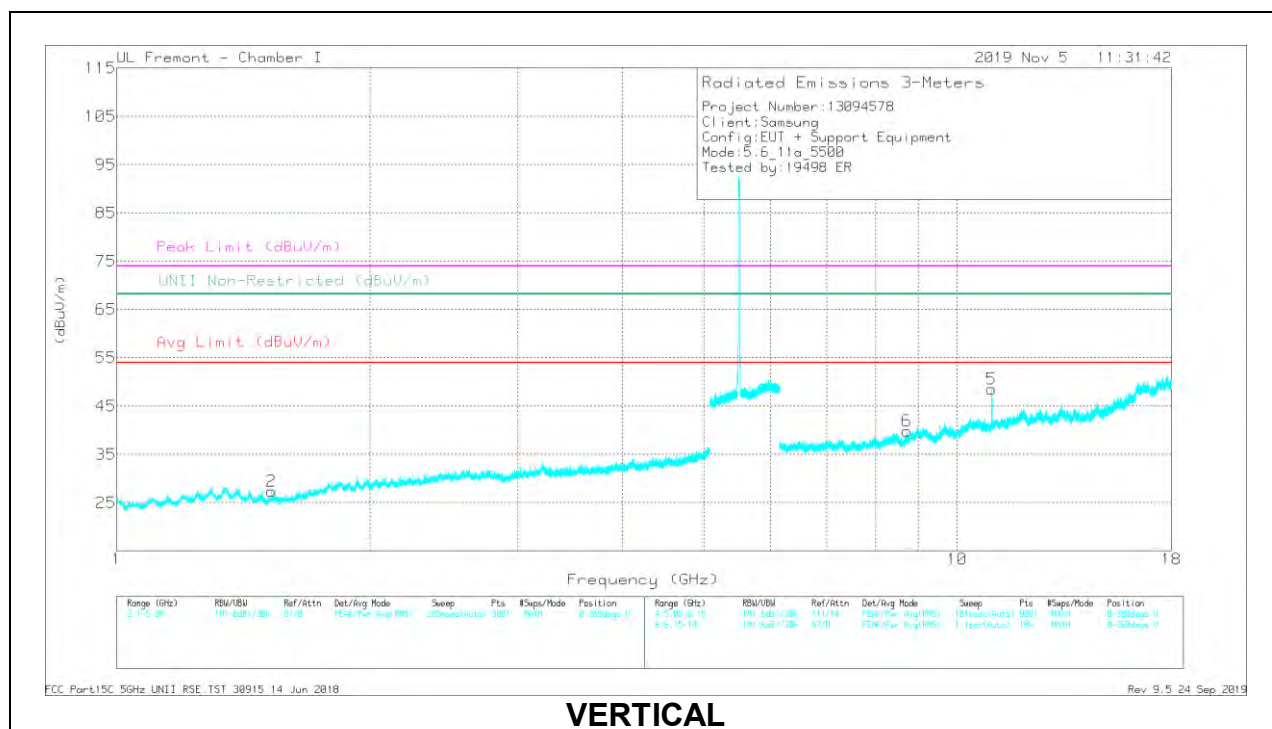
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

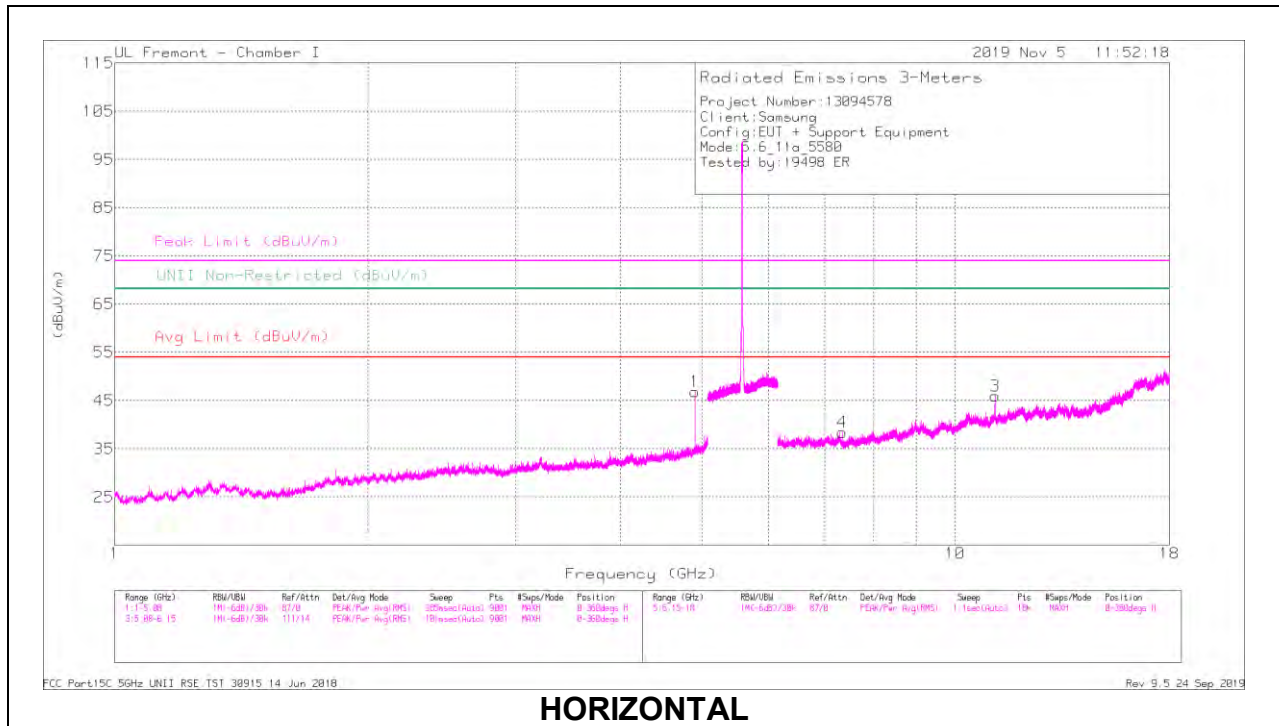
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.44142	36.78	PK-U	32.2	-30.1	0	38.88	-	-	-	-	68.2	-29.32	350	185	H
2	*1.52523	37.69	PK-U	28	-31.7	0	33.99	-	-	74	-40.01	-	-	249	154	V
	*1.52854	27.82	ADR	28	-31.7	.3	24.42	54	-29.58	-	-	-	-	249	154	V
4	8.97721	28.73	PK-U	36.2	-16.6	0	48.33	-	-	-	-	68.2	-19.87	260	231	H
3	*10.99947	33.94	PK-U	37.8	-16.1	0	55.64	-	-	74	-18.36	-	-	113	107	H
	*11.00014	21.74	ADR	37.8	-16.1	.3	43.74	54	-10.26	-	-	-	-	113	107	H
6	8.72172	27.34	PK-U	36	-17.3	0	46.04	-	-	-	-	68.2	-22.16	169	257	V
5	*10.99913	38.51	PK-U	37.8	-16.1	0	60.21	-	-	74	-13.79	-	-	174	102	V
	*11.00038	26.21	ADR	37.8	-16.1	.3	48.21	54	-5.79	-	-	-	-	174	102	V

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

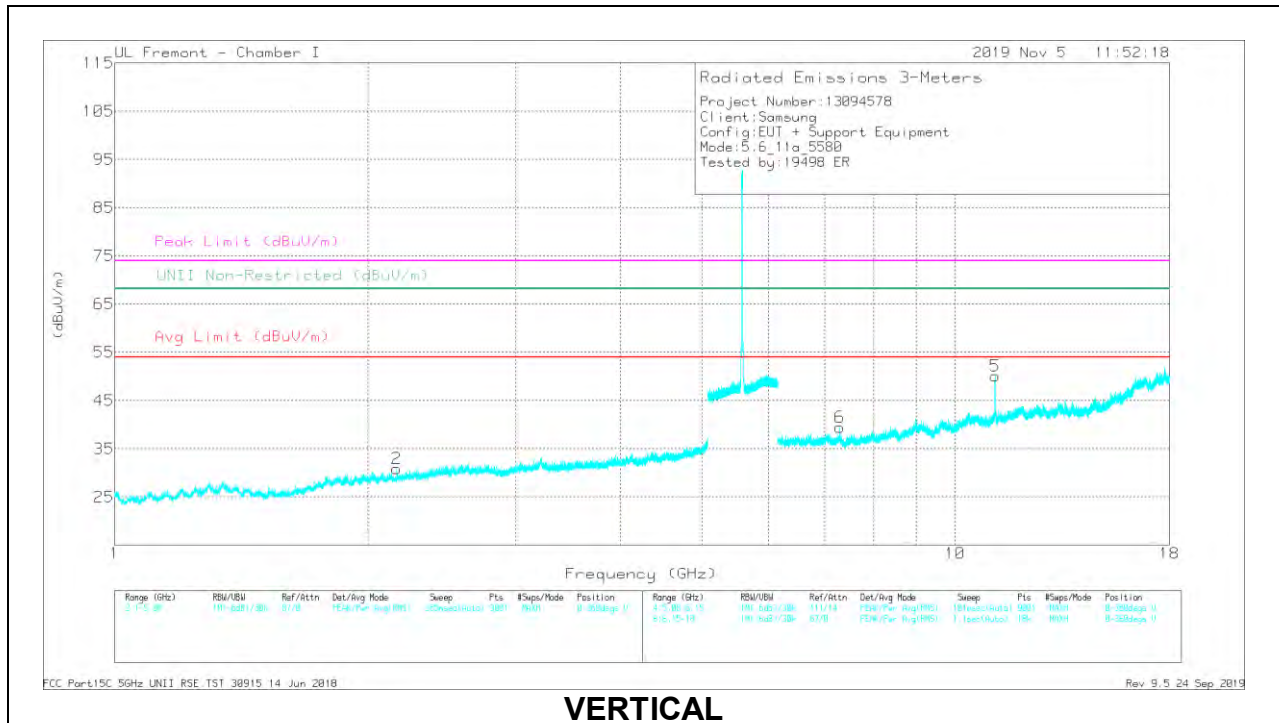
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

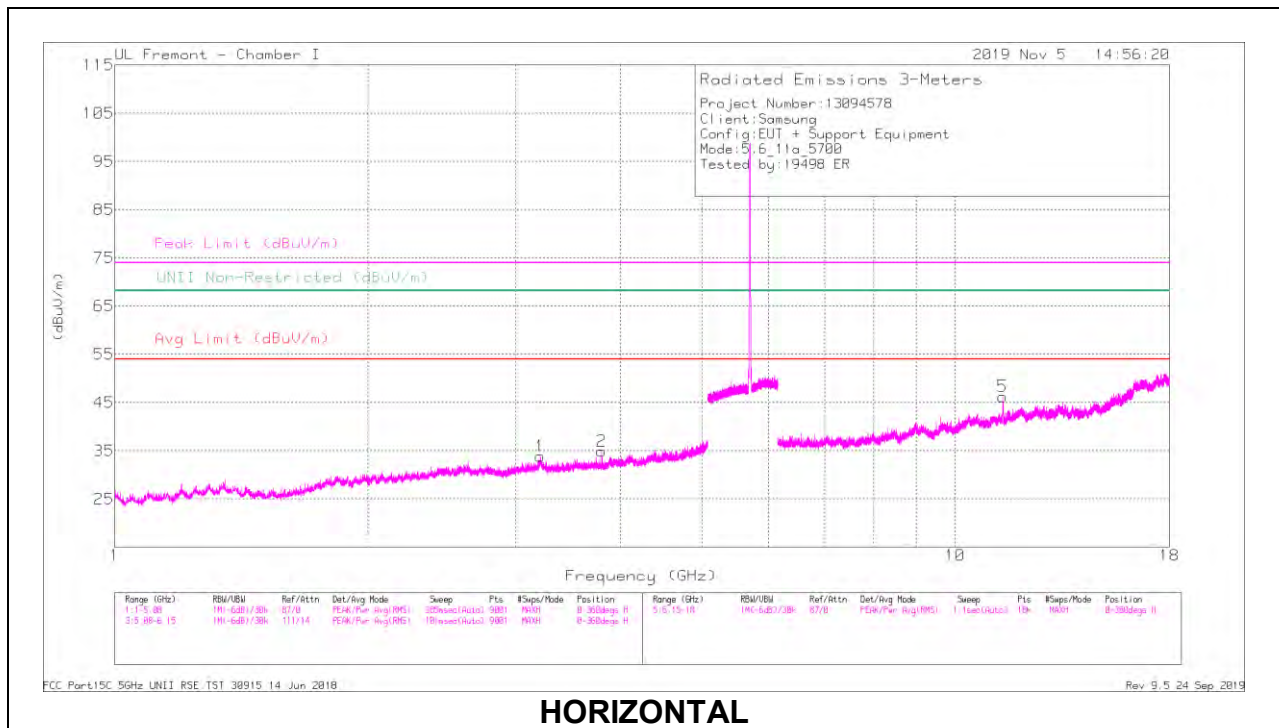
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.90293	33.94	PK-U	34.1	-24.7	0	43.34	-	-	74	-30.66	-	-	75	171	H
	* 4.89918	23.9	ADR	34.1	-24.9	.3	33.4	54	-20.6	-	-	-	-	75	171	H
2	2.16307	37.22	PK-U	31.1	-30.6	0	37.72	-	-	-	-	68.2	-30.48	196	332	V
3	* 11.15874	33.29	PK-U	37.9	-15.8	0	55.39	-	-	74	-18.61	-	-	333	133	H
	* 11.16252	21.46	ADR	37.9	-15.9	.3	43.76	54	-10.24	-	-	-	-	333	133	H
4	* 7.34273	31.07	PK-U	35.6	-20	0	46.67	-	-	74	-27.33	-	-	5	129	H
	* 7.34065	19.26	ADR	35.6	-19.9	.3	35.26	54	-18.74	-	-	-	-	5	129	H
5	* 11.15898	38.5	PK-U	37.9	-15.8	0	60.6	-	-	74	-13.4	-	-	172	106	V
	* 11.16015	26.66	ADR	37.9	-15.8	.3	49.06	54	-4.94	-	-	-	-	172	106	V
6	* 7.29761	30.68	PK-U	35.5	-18.6	0	47.58	-	-	74	-26.42	-	-	137	361	V
	* 7.29126	19.18	ADR	35.6	-18.5	.3	36.58	54	-17.42	-	-	-	-	137	361	V

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

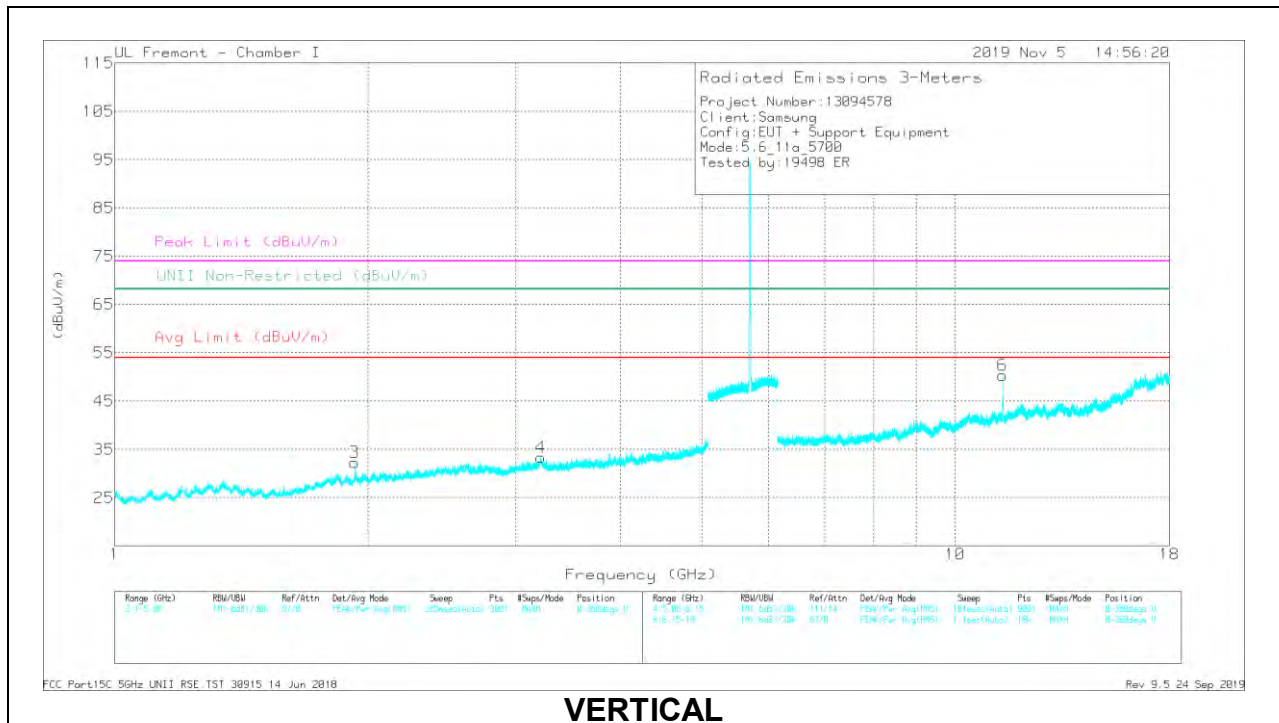
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

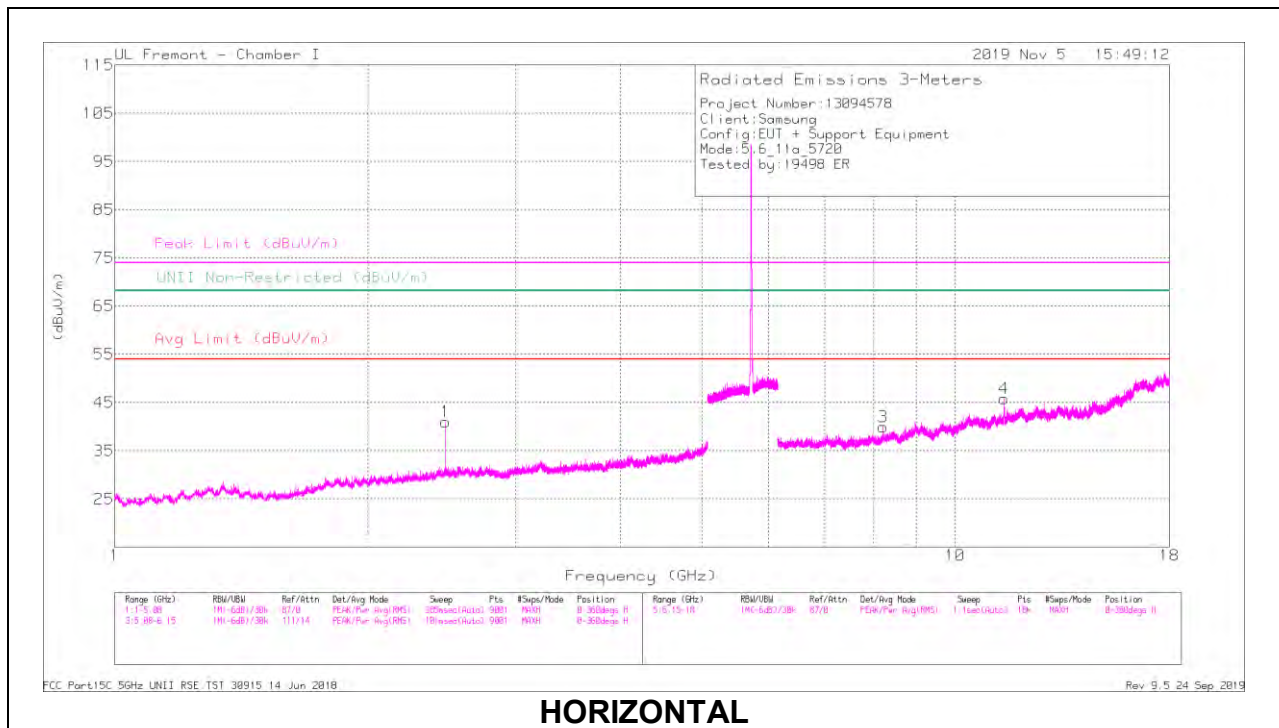
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.21289	35.61	PK-U	33.6	-28.2	0	41.01	-	-	-	-	68.2	-27.19	59	101	H
2	* 3.79974	37.92	PK-U	33	-28.1	0	42.82	-	-	74	-31.18	-	-	85	144	H
	* 3.80006	29.14	ADR	33	-28.1	.3	34.34	54	-19.66	-	-	-	-	85	144	H
3	1.93241	38.18	PK-U	30.7	-31	0	37.88	-	-	-	-	68.2	-30.32	40	241	V
4	3.21657	37.1	PK-U	33.4	-28.1	0	42.4	-	-	-	-	68.2	-25.8	161	221	V
5	* 11.3995	34.47	PK-U	38.1	-15.4	0	57.17	-	-	74	-16.83	-	-	115	106	H
	* 11.39998	23.22	ADR	38.1	-15.4	.3	46.22	54	-7.78	-	-	-	-	115	106	H
6	* 11.39946	36.41	PK-U	38.1	-15.4	0	59.11	-	-	74	-14.89	-	-	178	106	V
	* 11.40034	24.37	ADR	38.1	-15.4	.3	47.37	54	-6.63	-	-	-	-	178	106	V

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

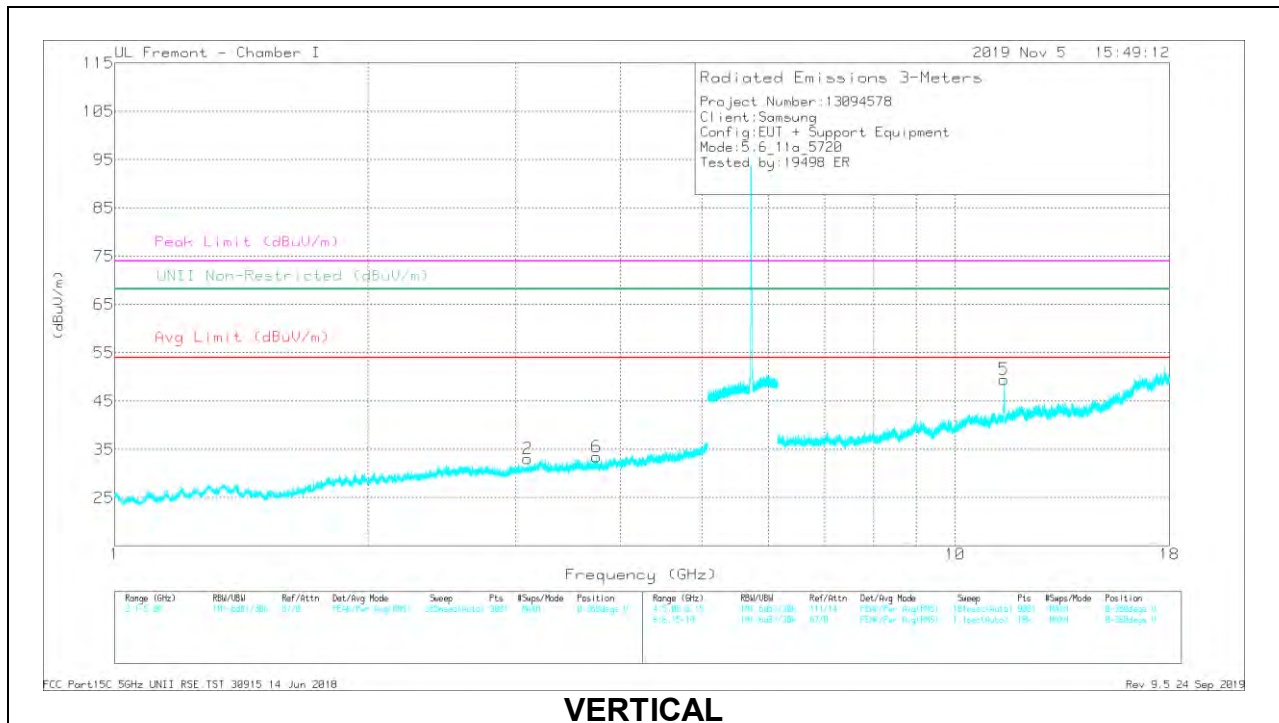
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 144 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 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	2.47451	36.51	PK-U	32.3	-29.9	0	38.91	-	-	-	-	68.2	-29.29	236	178	H
6	* 3.74245	35.15	PK-U	32.9	-27.5	0	40.55	-	-	74	-33.45	-	-	203	102	V
	* 3.74067	24.37	ADR	32.9	-27.5	.3	30.07	54	-23.93	-	-	-	-	203	102	V
2	3.10145	35.1	PK-U	32.7	-29.2	0	38.6	-	-	-	-	68.2	-29.6	299	124	V
3	* 8.2147	28.24	PK-U	35.8	-18.2	0	45.84	-	-	74	-28.16	-	-	130	163	H
	* 8.21306	18.01	ADR	35.8	-18.1	.3	36.01	54	-17.99	-	-	-	-	130	163	H
4	* 11.44011	35.97	PK-U	38.1	-15.8	0	58.27	-	-	74	-15.73	-	-	115	101	H
	* 11.44011	24.18	ADR	38.1	-15.8	.3	46.78	54	-7.22	-	-	-	-	115	101	H
5	* 11.44586	37.12	PK-U	38.2	-15.7	0	59.62	-	-	74	-14.38	-	-	155	104	V
	* 11.44023	25.57	ADR	38.1	-15.8	.3	48.17	54	-5.83	-	-	-	-	155	104	V

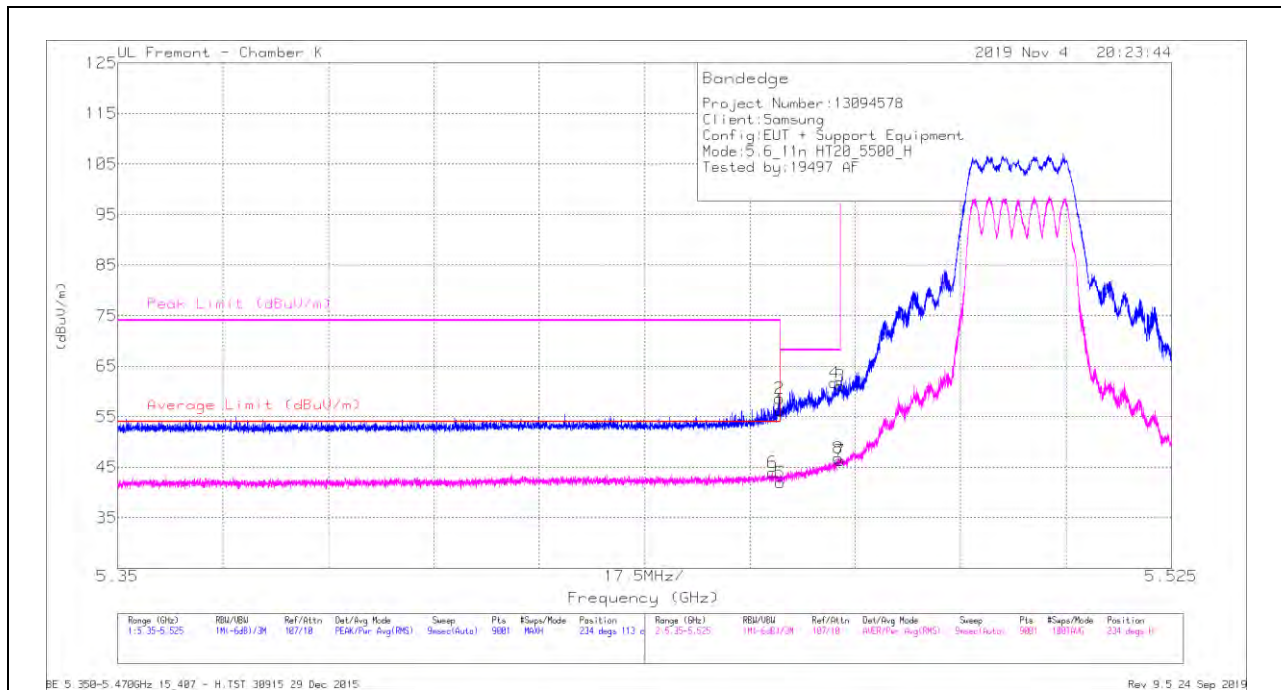
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

2TX Chain 0 + Chain 1 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

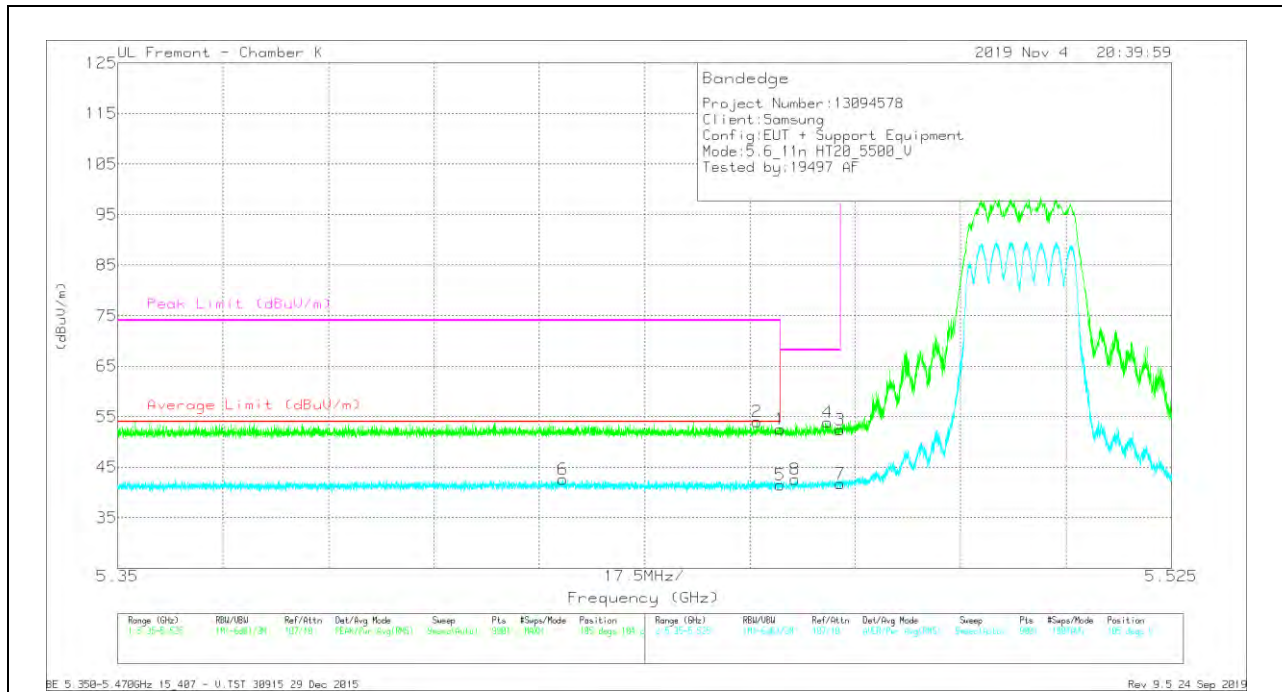
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cb1/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	41.42	Pk	34.5	-19.7	0	56.22	-	-	74	-17.78	234	113	H
2	* 5.45986	43.83	Pk	34.5	-19.7	0	58.63	-	-	74	-15.37	234	113	H
3	5.46999	46.32	Pk	34.5	-19.7	0	61.12	-	-	68.2	-7.08	234	113	H
4	5.46902	46.94	Pk	34.5	-19.7	0	61.74	-	-	68.2	-6.46	234	113	H
5	* 5.45999	26.82	RMS	34.5	-19.7	.32	41.94	54	-12.06	-	-	234	113	H
6	* 5.45879	28.84	RMS	34.5	-19.7	.32	43.96	54	-10.04	-	-	234	113	H
7	5.46999	31.16	RMS	34.5	-19.7	.32	46.28	-	-	-	-	234	113	H
8	5.46968	31.66	RMS	34.5	-19.7	.32	46.78	-	-	-	-	234	113	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 EMC4294 (dB/m)	Amp/Cb/Filtr/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	37.68	Pk	34.5	-19.7	0	52.48	-	-	74	-21.52	105	104	V
2	* 5.45616	39.18	Pk	34.5	-19.7	0	53.98	-	-	74	-20.02	105	104	V
3	5.46999	37.6	Pk	34.5	-19.7	0	52.4	-	-	68.2	-15.8	105	104	V
4	5.46793	39.14	Pk	34.5	-19.7	0	53.94	-	-	68.2	-14.26	105	104	V
5	* 5.45999	26.38	RMS	34.5	-19.7	.32	41.5	54	-12.5	-	-	105	104	V
6	* 5.42389	27.46	RMS	34.5	-19.7	.32	42.58	54	-11.42	-	-	105	104	V
7	5.46999	26.64	RMS	34.5	-19.7	.32	41.76	-	-	-	-	105	104	V
8	5.46248	27.56	RMS	34.4	-19.7	.32	42.58	-	-	-	-	105	104	V

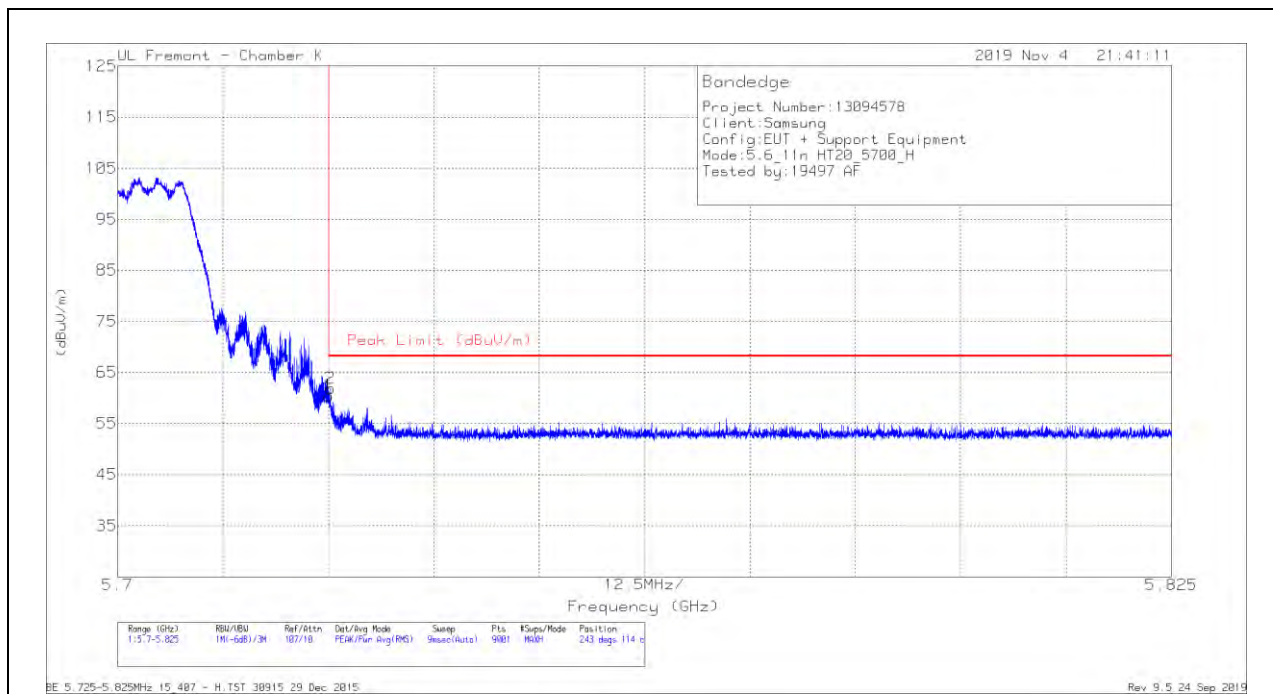
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

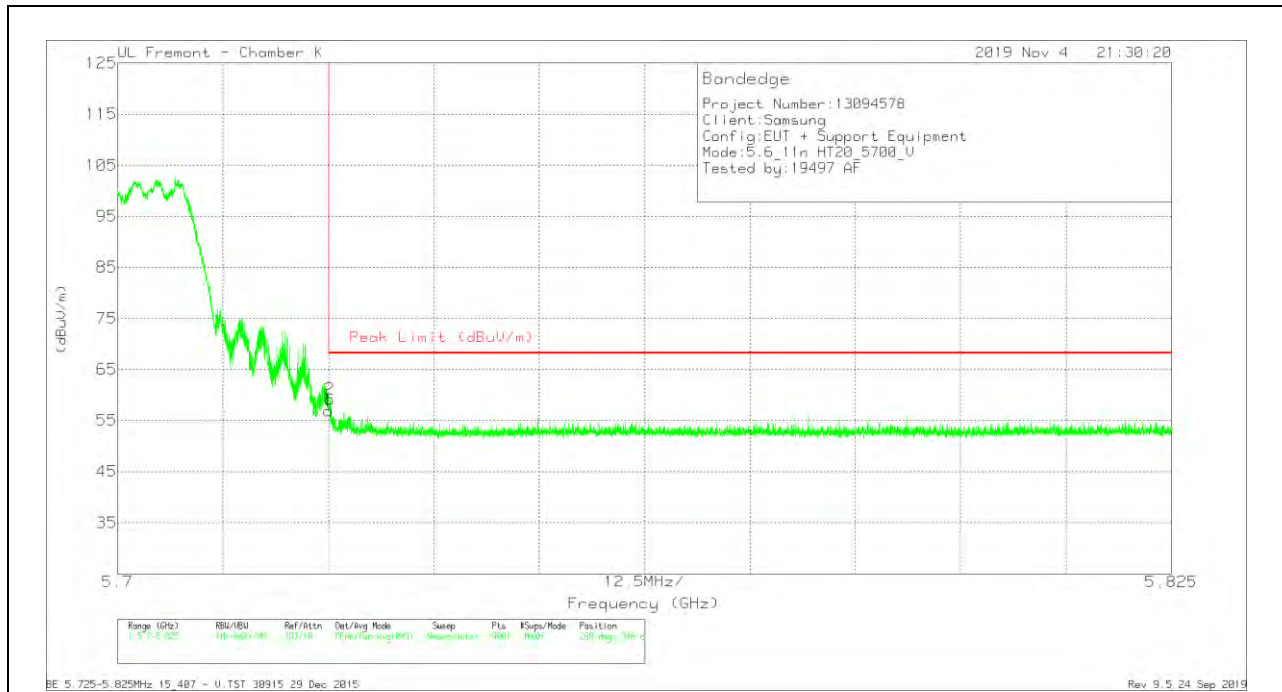


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (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	44.61	Pk	34.8	-19	0	60.41	68.2	-7.79	243	114	H
2	5.72526	46.11	Pk	34.8	-19	0	61.91	68.2	-6.29	243	114	H

Pk - Peak detector

VERTICAL RESULT



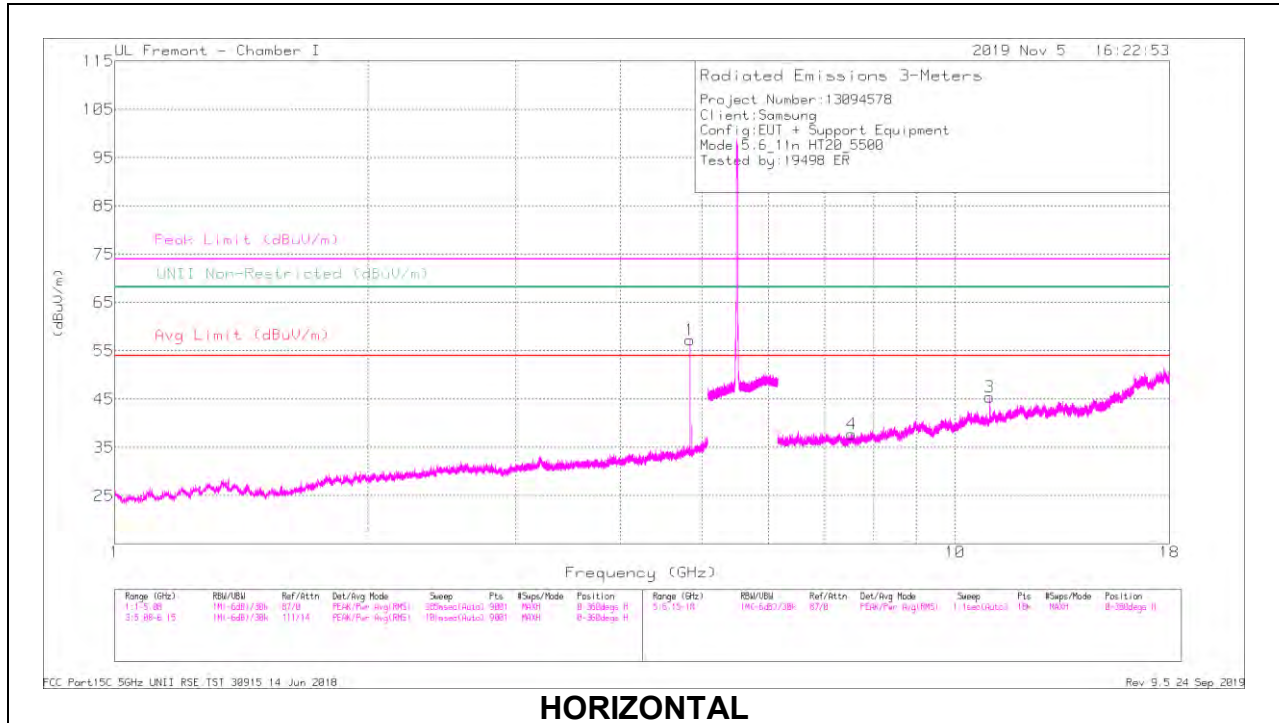
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (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	41.06	Pk	34.8	-19	0	56.86	68.2	-11.34	268	346	V
2	5.72519	43.4	Pk	34.8	-19	0	59.2	68.2	-9	268	346	V

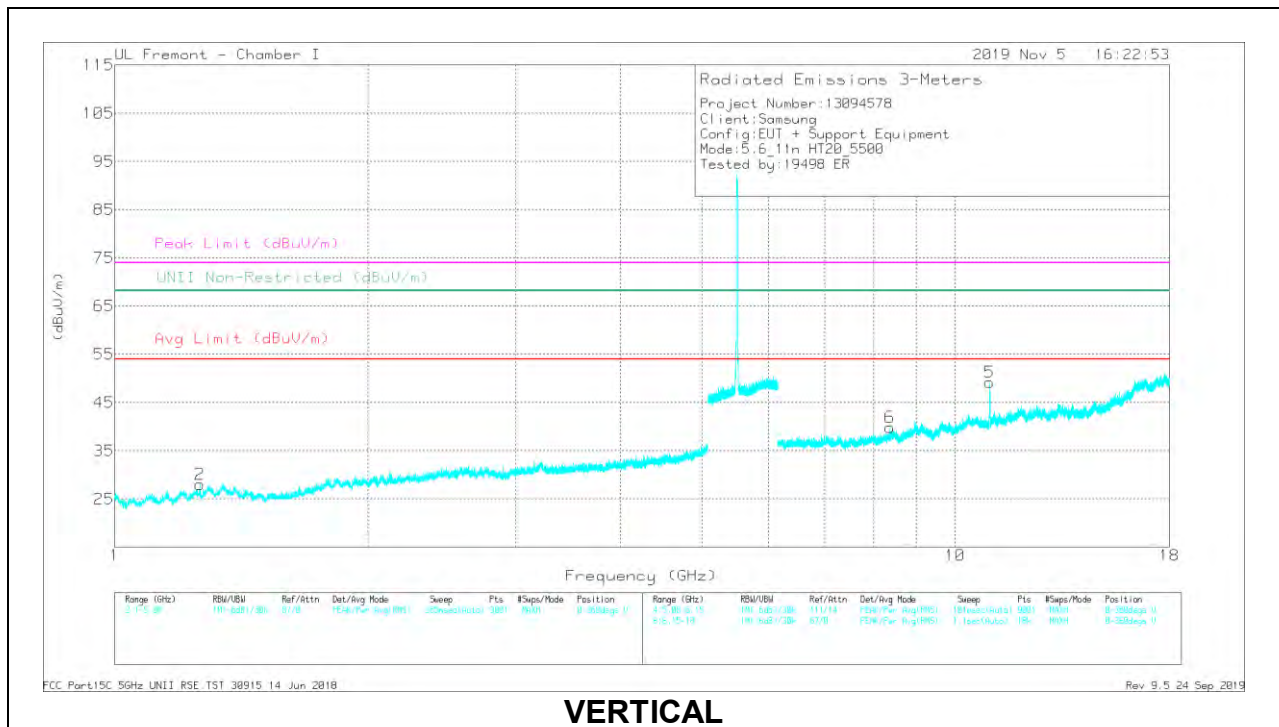
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

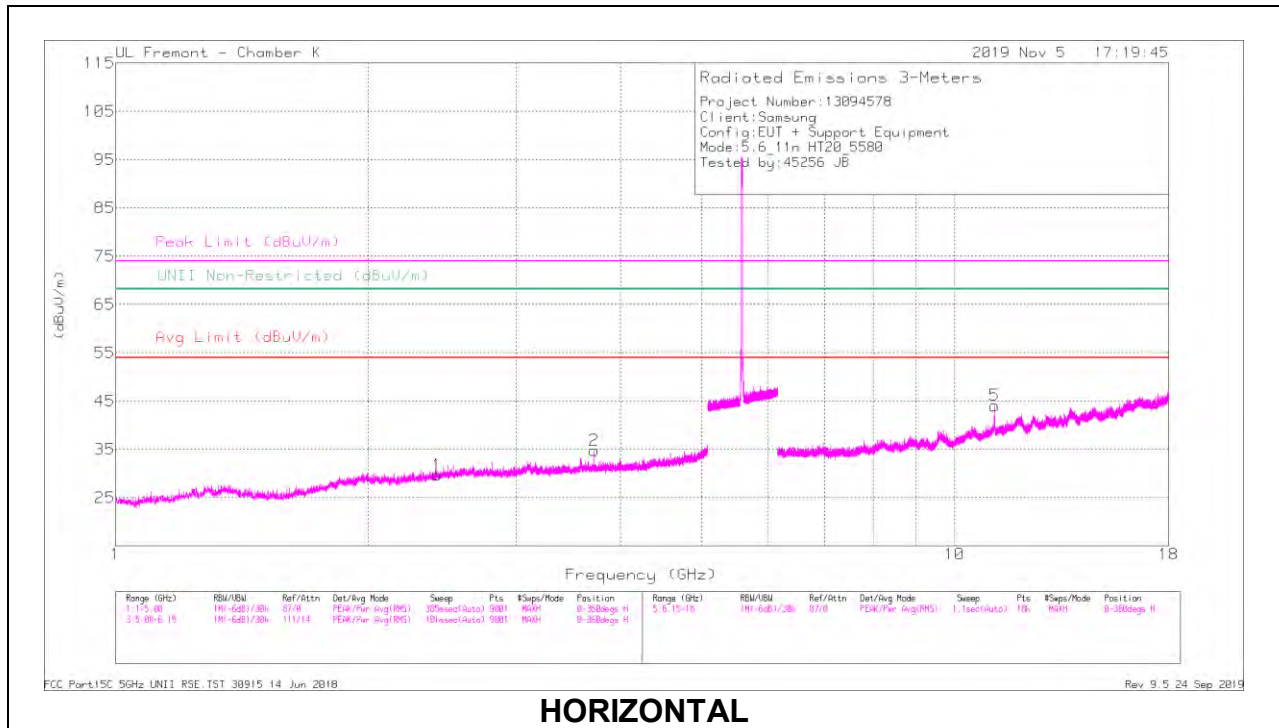
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.83965	34.59	PK-U	34.2	-25.9	0	42.89	-	-	74	-31.11	-	-	282	188	H
	* 4.83953	24.08	ADR	34.2	-25.9	.32	32.7	54	-21.3	-	-	-	-	282	188	H
2	* 1.26076	37.37	PK-U	29	-32.4	0	33.97	-	-	74	-40.03	-	-	201	125	V
	* 1.26003	27.46	ADR	29	-32.4	.32	24.38	54	-29.62	-	-	-	-	201	125	V
3	* 11.00038	32.65	PK-U	37.8	-16.1	0	54.35	-	-	74	-19.65	-	-	112	109	H
	* 10.99928	21.06	ADR	37.8	-16.1	.32	43.08	54	-10.92	-	-	-	-	112	109	H
4	* 7.53097	27.91	PK-U	35.6	-18.6	0	44.91	-	-	74	-29.09	-	-	45	248	H
	* 7.53091	17.55	ADR	35.6	-18.6	.32	34.87	54	-19.13	-	-	-	-	45	248	H
5	* 11.00169	34.87	PK-U	37.8	-16.1	0	56.57	-	-	74	-17.43	-	-	166	129	V
	* 10.99738	23.45	ADR	37.8	-16.1	.32	45.47	54	-8.53	-	-	-	-	166	129	V
6	* 8.37261	29.18	PK-U	35.8	-18.6	0	46.38	-	-	74	-27.62	-	-	92	277	V
	* 8.37245	18.83	ADR	35.8	-18.6	.32	36.35	54	-17.65	-	-	-	-	92	277	V

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

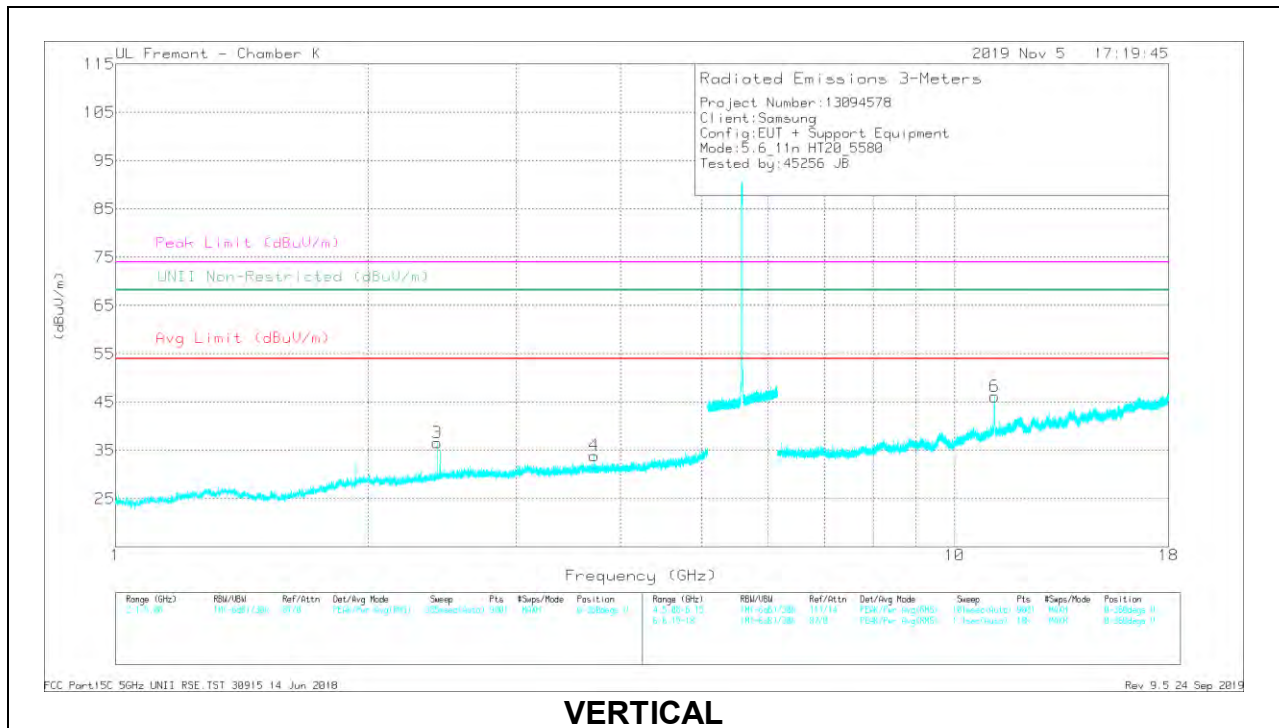
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



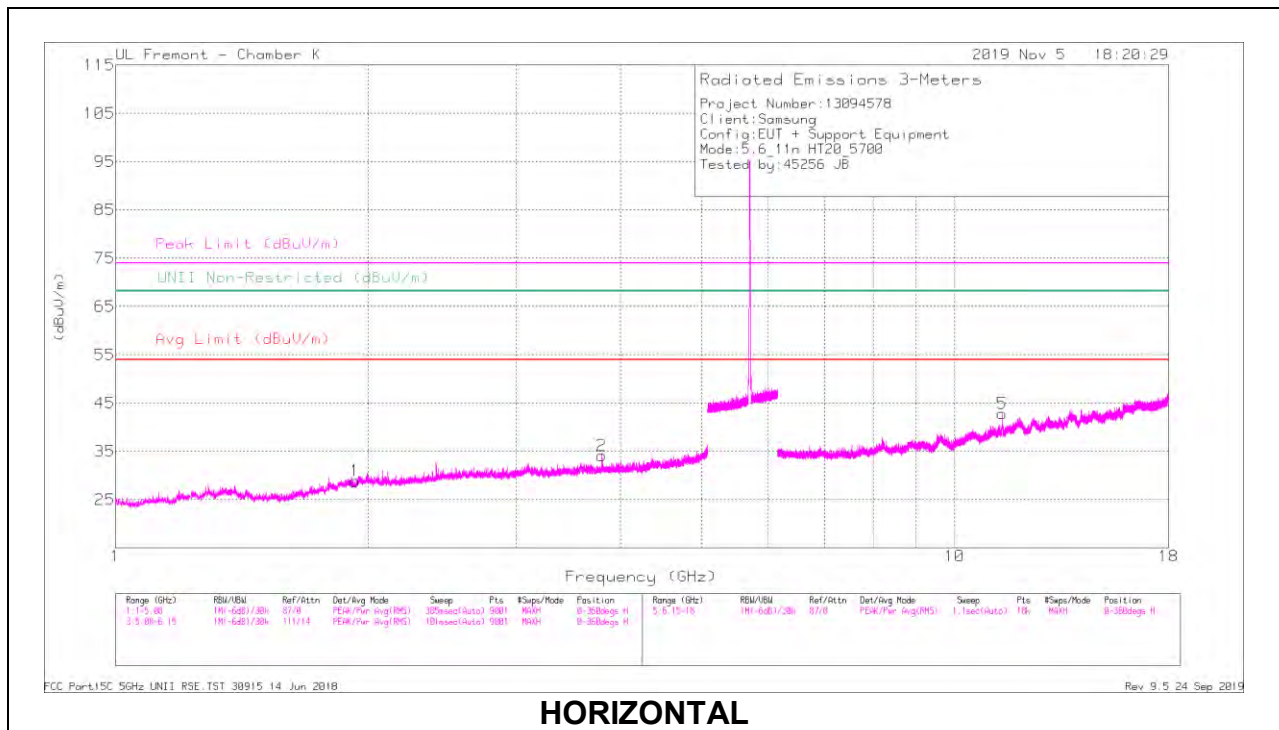
VERTICAL

RADIATED EMISSIONS

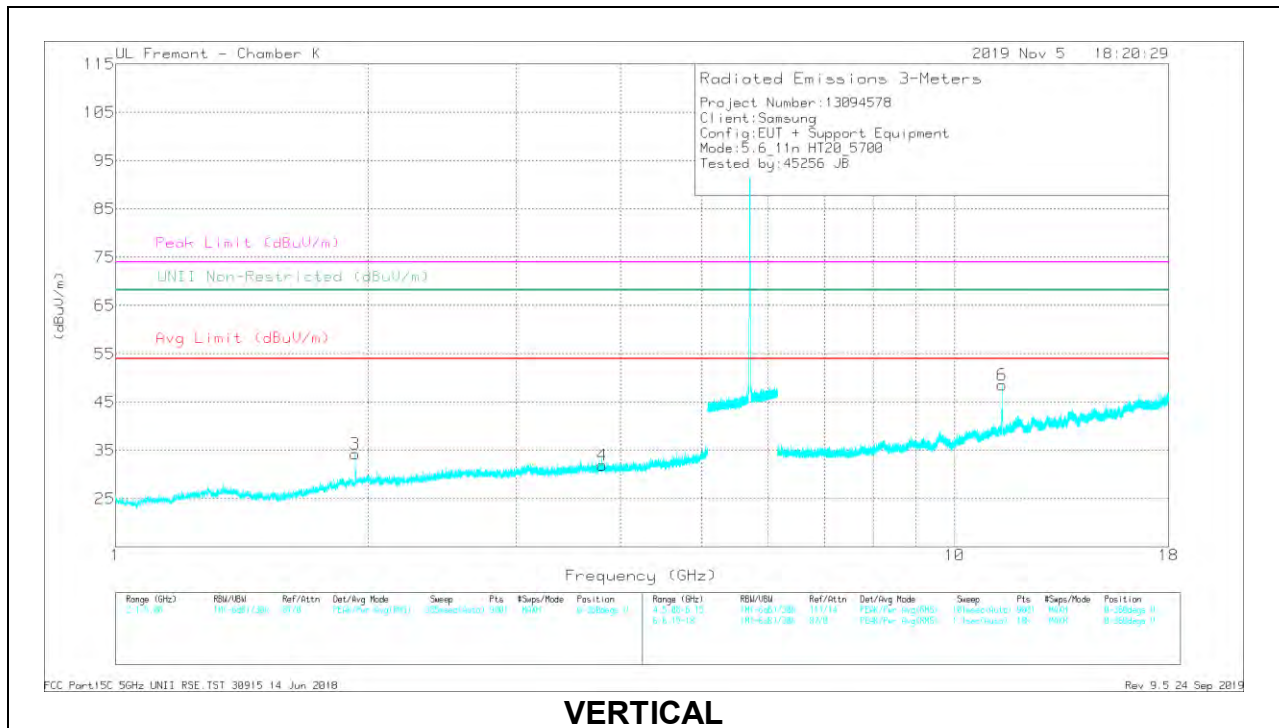
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.41567	41.57	PK-U	32.1	-34.9	0	38.77	-	-	-	-	68.2	-29.43	226	196	H
2	* 3.71986	40.35	PK-U	33	-32	0	41.35	-	-	74	-32.65	-	-	260	122	H
	* 3.72005	31.45	ADR	33	-32	-32	32.77	54	-21.23	-	-	-	-	260	122	H
3	2.41657	41.8	PK-U	32.1	-35	0	38.9	-	-	-	-	68.2	-29.3	257	401	V
4	* 3.71987	40.12	PK-U	33	-32	0	41.12	-	-	74	-32.88	-	-	284	350	V
	* 3.72007	31.39	ADR	33	-32	.32	32.71	54	-21.29	-	-	-	-	284	350	V
5	* 11.15977	36.16	PK-U	38	-21.2	0	52.96	-	-	74	-21.04	-	-	120	101	H
	* 11.16139	24.84	ADR	38	-21.2	.32	41.96	54	-12.04	-	-	-	-	120	101	H
6	* 11.1602	38.09	PK-U	38	-21.2	0	54.89	-	-	74	-19.11	-	-	283	96	V
	* 11.1623	27.34	ADR	38	-21.2	.32	44.46	54	-9.54	-	-	-	-	283	96	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

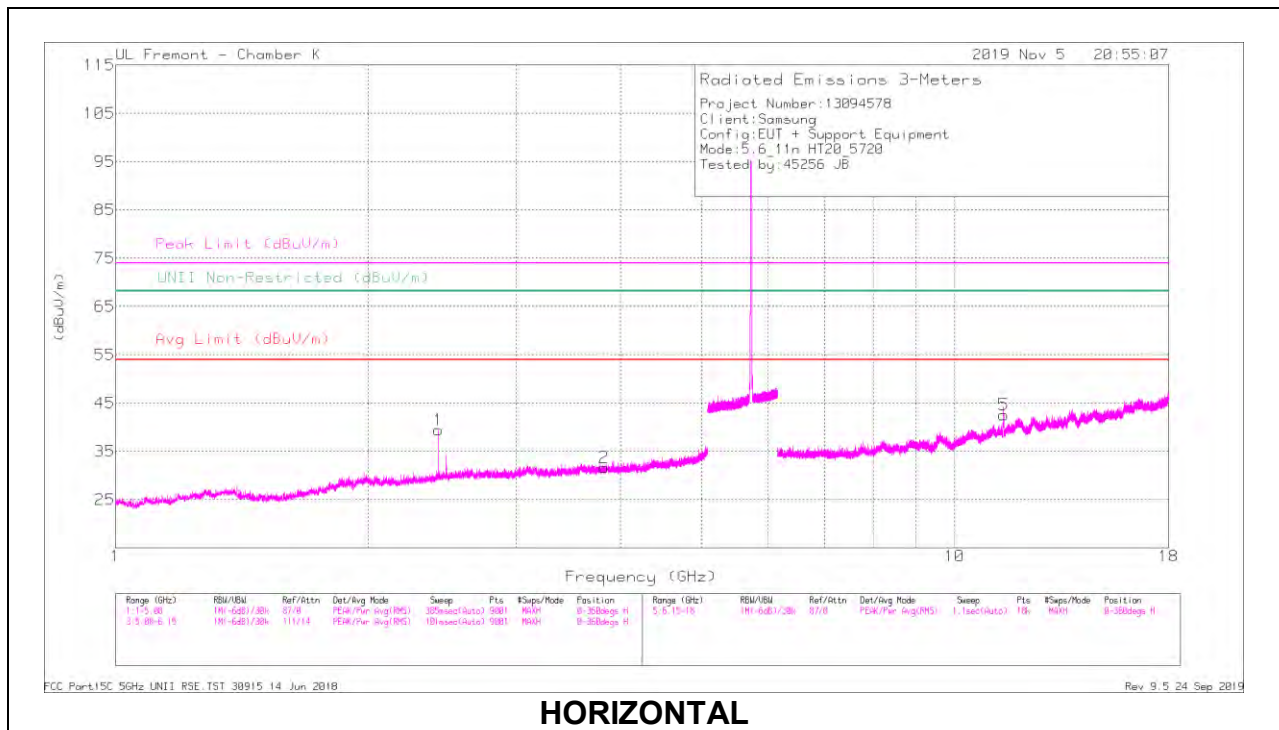
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.93112	43.54	PK-U	31.1	-35.2	0	39.44	-	-	-	-	68.2	-28.76	88	103	H
2	* 3.80009	40.03	PK-U	33.4	-31.8	0	41.63	-	-	74	-32.37	-	-	236	108	H
	* 3.80004	32.98	ADR	33.4	-31.8	32	34.9	54	-19.1	-	-	-	-	236	108	H
3	1.93113	44.87	PK-U	31.1	-35.2	0	40.77	-	-	-	-	68.2	-27.43	159	97	V
4	* 3.80298	38.85	PK-U	33.4	-31.8	0	40.45	-	-	74	-33.55	-	-	151	318	V
	* 3.80541	27.97	ADR	33.4	-31.8	32	29.89	54	-24.11	-	-	-	-	151	318	V
5	* 11.40232	35.42	PK-U	38.2	-21.1	0	52.52	-	-	74	-21.48	-	-	255	95	H
	* 11.40235	24.43	ADR	38.2	-21.1	32	41.85	54	-12.15	-	-	-	-	255	95	H
6	* 11.39998	38.49	PK-U	38.2	-21.1	0	55.59	-	-	74	-18.41	-	-	281	96	V
	* 11.40034	27.53	ADR	38.2	-21.1	32	44.95	54	-9.05	-	-	-	-	281	96	V

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

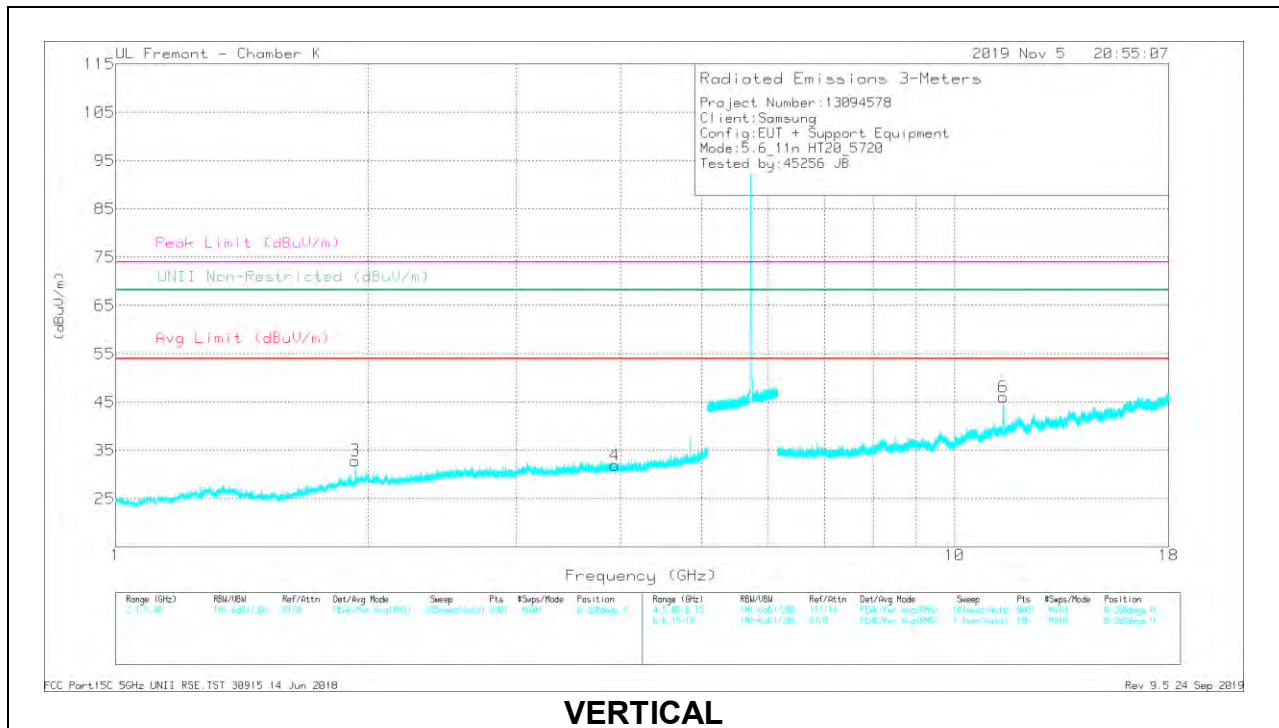
PK-U - U-NII: Maximum Peak

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/Filr/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	2.42457	40.8	PK-U	32.2	-34.9	0	38.1	-	-	-	-	68.2	-30.1	218	122	H
2	* 3.82179	38.28	PK-U	33.4	-31.8	0	39.88	-	-	74	-34.12	-	-	332	219	H
	* 3.8216	28.22	ADR	33.4	-31.8	32	30.14	54	-23.86	-	-	-	-	332	219	H
3	1.9315	44.3	PK-U	31.1	-35.2	0	40.2	-	-	-	-	68.2	-28	134	109	V
4	* 3.93642	37.52	PK-U	33.3	-31.5	0	39.32	-	-	74	-34.68	-	-	44	273	V
	* 3.93605	27.91	ADR	33.3	-31.5	32	30.03	54	-23.97	-	-	-	-	44	273	V
5	* 11.44726	34.16	PK-U	38.2	-20.8	0	51.56	-	-	74	-22.44	-	-	253	99	H
	* 11.44722	23.44	ADR	38.2	-20.8	32	41.16	54	-12.84	-	-	-	-	253	99	H
6	* 11.44511	37.14	PK-U	38.2	-20.8	0	54.54	-	-	74	-19.46	-	-	283	97	V
	* 11.44537	26.21	ADR	38.2	-20.8	32	43.93	54	-10.07	-	-	-	-	283	97	V

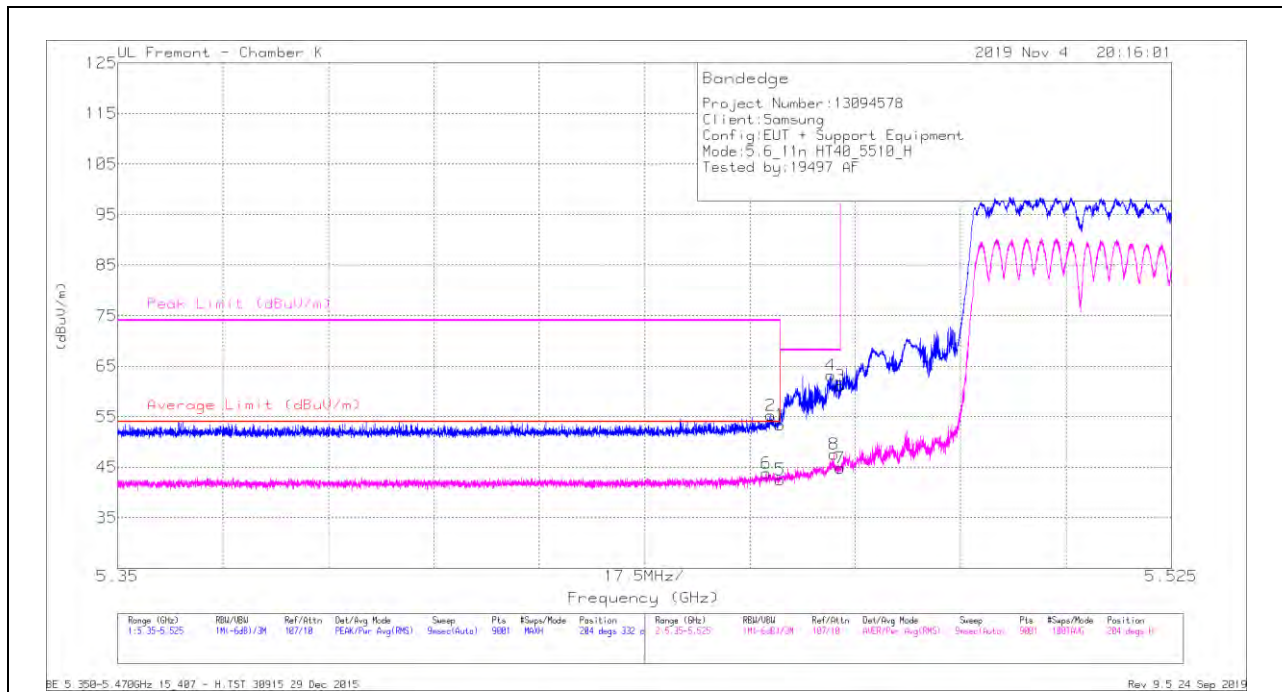
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

2TX Chain 0 + Chain 1 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

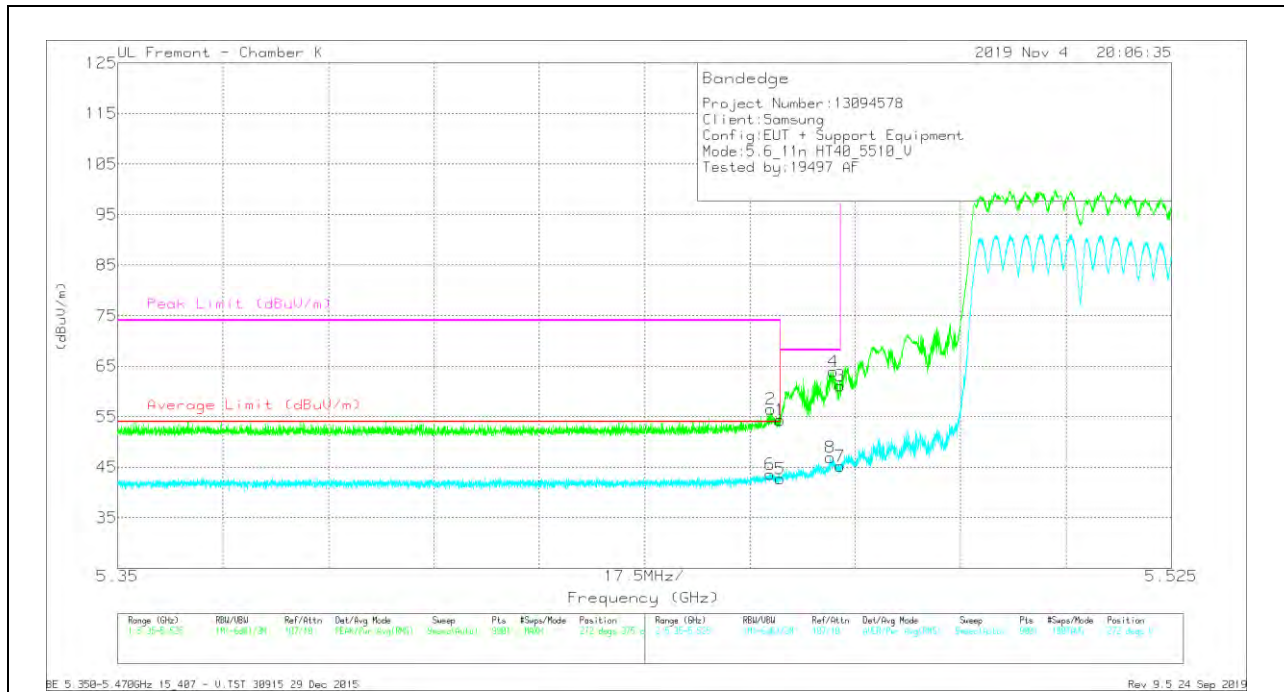
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	38.6	Pk	34.5	-19.7	0	53.4	-	-	74	-20.6	204	332	H
2	* 5.45846	40.49	Pk	34.5	-19.7	0	55.29	-	-	74	-18.71	204	332	H
3	5.46999	46.31	Pk	34.5	-19.7	0	61.11	-	-	68.2	-7.09	204	332	H
4	5.46843	48.42	Pk	34.5	-19.7	0	63.22	-	-	68.2	-4.98	204	332	H
5	* 5.45999	27.12	RMS	34.5	-19.7	.61	42.53	54	-11.47	-	-	204	332	H
6	* 5.45768	28.44	RMS	34.5	-19.7	.61	43.85	54	-10.15	-	-	204	332	H
7	5.46999	29.47	RMS	34.5	-19.7	.61	44.88	-	-	-	-	204	332	H
8	5.46894	32.12	RMS	34.5	-19.7	.61	47.53	-	-	-	-	204	332	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 EMC4294 (dB/m)	Amp/Cb/Filtr/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	39.53	Pk	34.5	-19.7	0	54.33	-	-	74	-19.67	272	375	V
2	* 5.45844	41.66	Pk	34.5	-19.7	0	56.46	-	-	74	-17.54	272	375	V
3	5.46999	46.33	Pk	34.5	-19.7	0	61.13	-	-	68.2	-7.07	272	375	V
4	5.46884	49.11	Pk	34.5	-19.7	0	63.91	-	-	68.2	-4.29	272	375	V
5	* 5.45999	27.3	RMS	34.5	-19.7	.61	42.71	54	-11.29	-	-	272	375	V
6	* 5.45834	28.23	RMS	34.5	-19.7	.61	43.64	54	-10.36	-	-	272	375	V
7	5.46999	29.84	RMS	34.5	-19.7	.61	45.25	-	-	-	-	272	375	V
8	5.46834	31.52	RMS	34.5	-19.7	.61	46.93	-	-	-	-	272	375	V

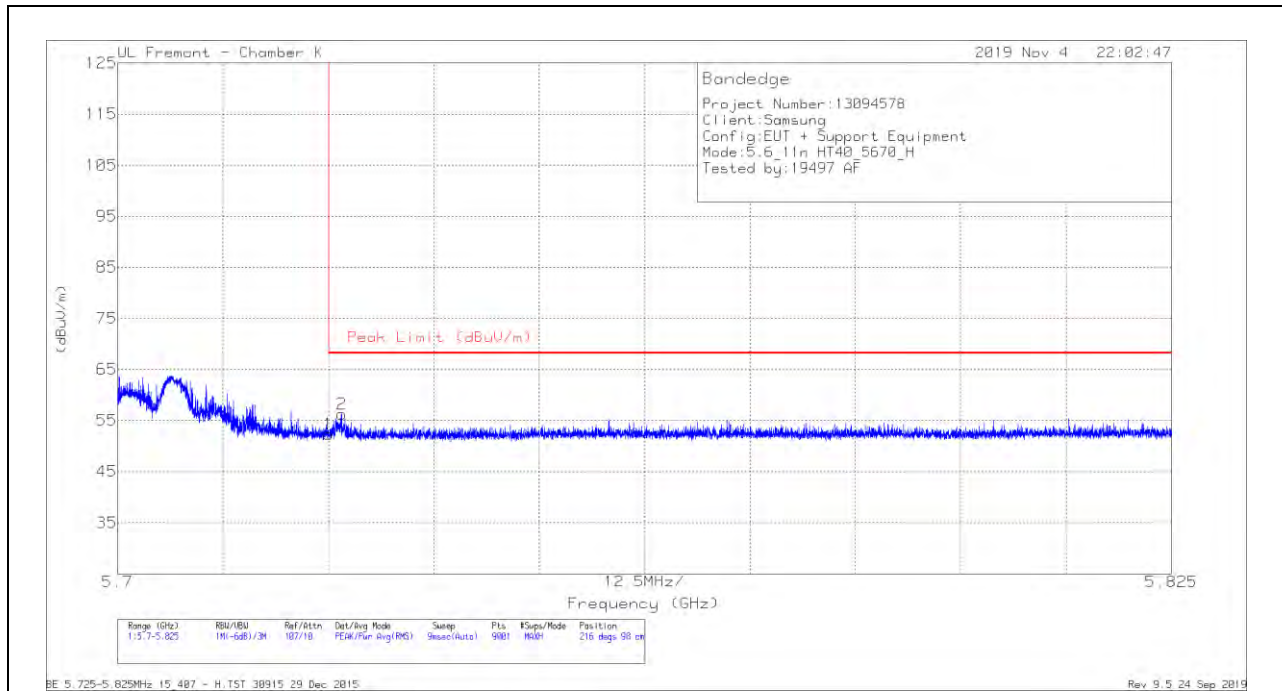
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

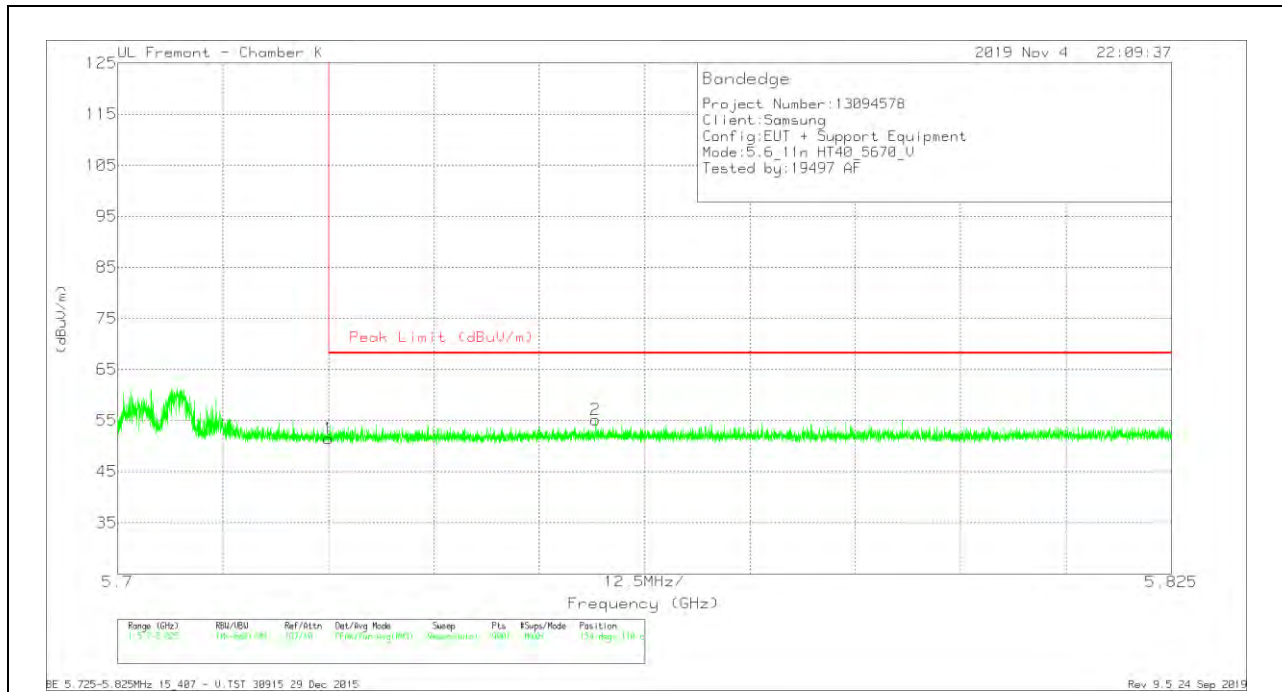


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (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	36.58	Pk	34.8	-19	0	52.38	68.2	-15.82	216	98	H
2	5.72656	40.45	Pk	34.8	-19	0	56.25	68.2	-11.95	216	98	H

Pk - Peak detector

VERTICAL RESULT



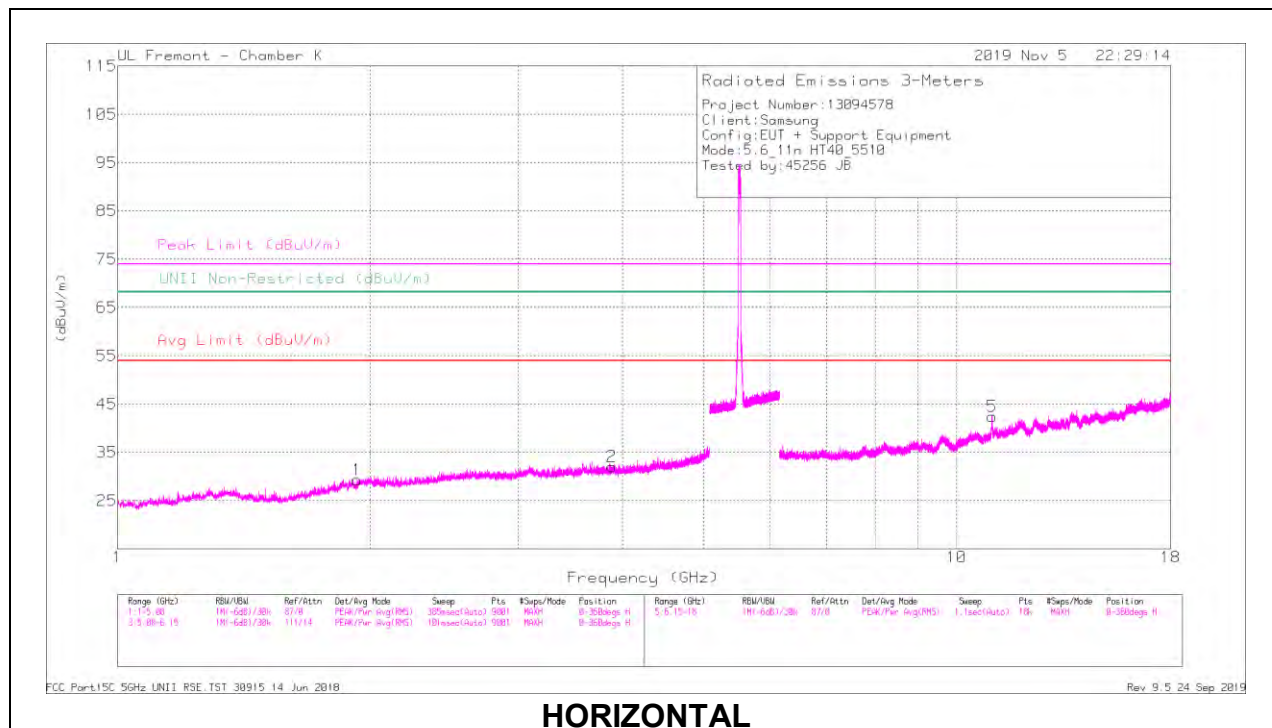
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (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	35.66	Pk	34.8	-19	0	51.46	68.2	-16.74	154	110	V
2	5.75668	39.04	Pk	35	-18.9	0	55.14	68.2	-13.06	154	110	V

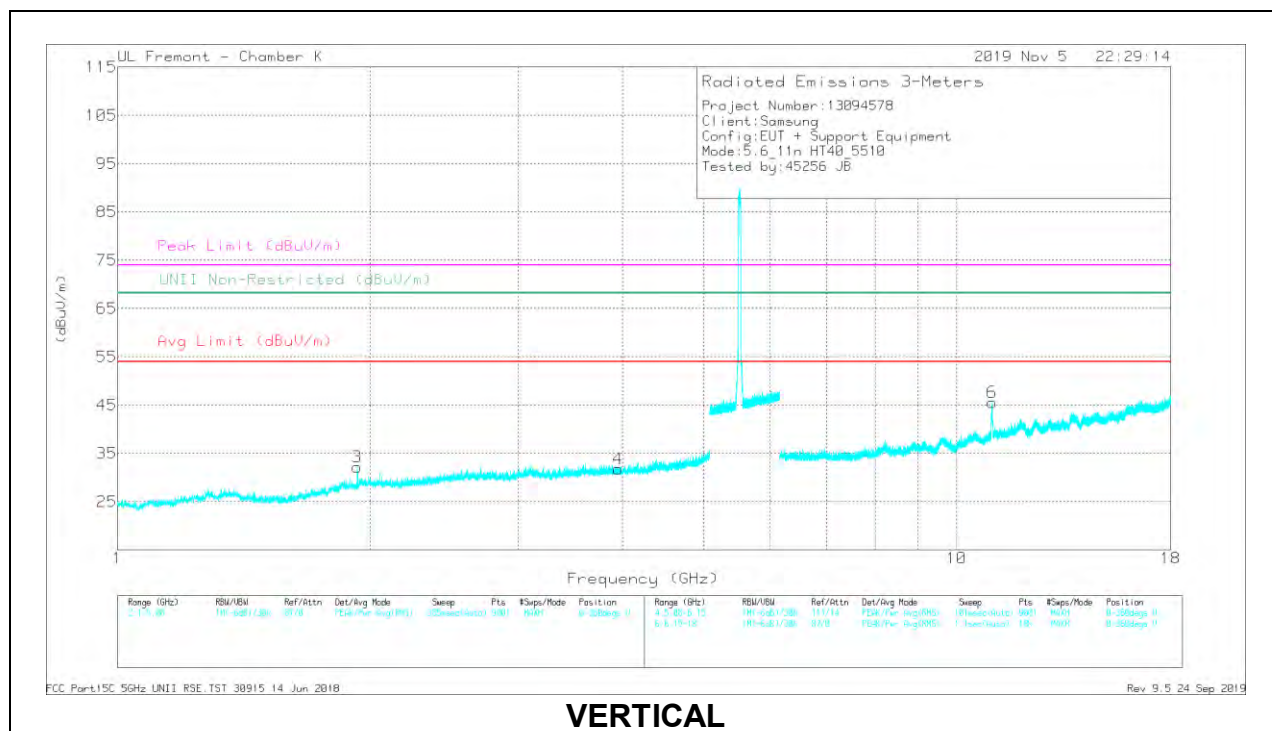
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

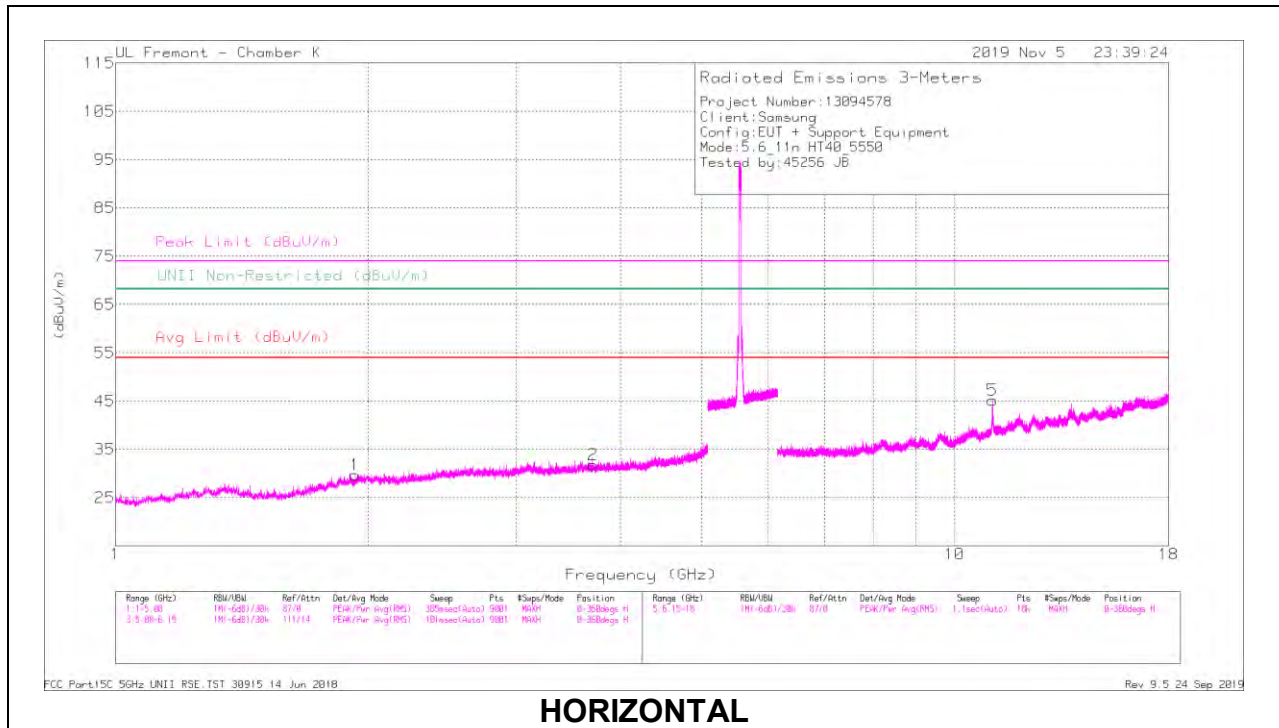
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.93118	42.09	PK-U	31.1	-35.2	0	37.99	-	-	-	-	68.2	-30.21	86	103	H
2	* 3.88125	38.34	PK-U	33.4	-31.8	0	39.94	-	-	74	-34.06	-	-	347	350	H
	* 3.88168	28.55	ADR	33.4	-31.8	.61	30.76	54	-23.24	-	-	-	-	347	350	H
3	1.93126	44.22	PK-U	31.1	-35.2	0	40.12	-	-	-	-	68.2	-28.08	129	124	V
4	* 3.95186	37.86	PK-U	33.3	-31.5	0	39.66	-	-	74	-34.34	-	-	246	175	V
	* 3.95156	27.96	ADR	33.3	-31.5	.61	30.37	54	-23.63	-	-	-	-	246	175	V
5	* 11.03198	35.56	PK-U	38	-22	0	51.56	-	-	74	-22.44	-	-	114	98	H
	* 11.03416	24.49	ADR	38	-22	.61	41.1	54	-12.9	-	-	-	-	114	98	H
6	* 11.0274	39.12	PK-U	37.9	-22	0	55.02	-	-	74	-18.98	-	-	293	99	V
	* 11.02772	28.22	ADR	38	-22	.61	44.83	54	-9.17	-	-	-	-	293	99	V

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

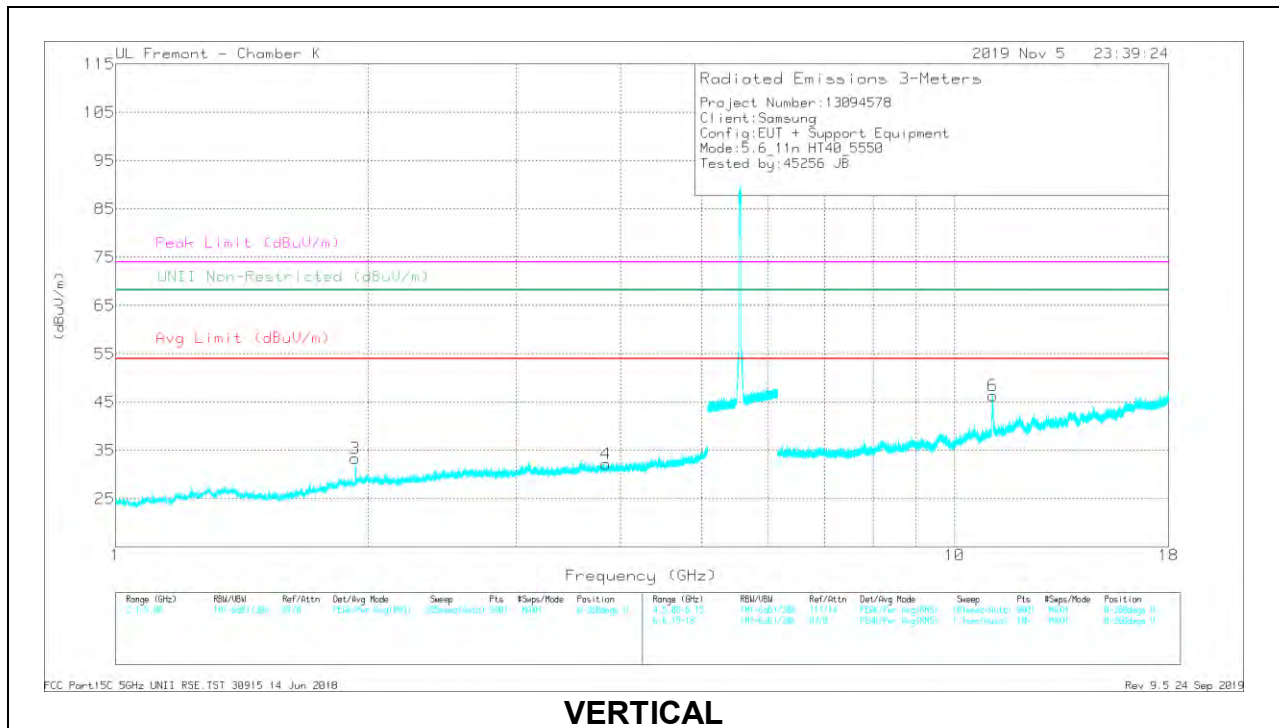
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

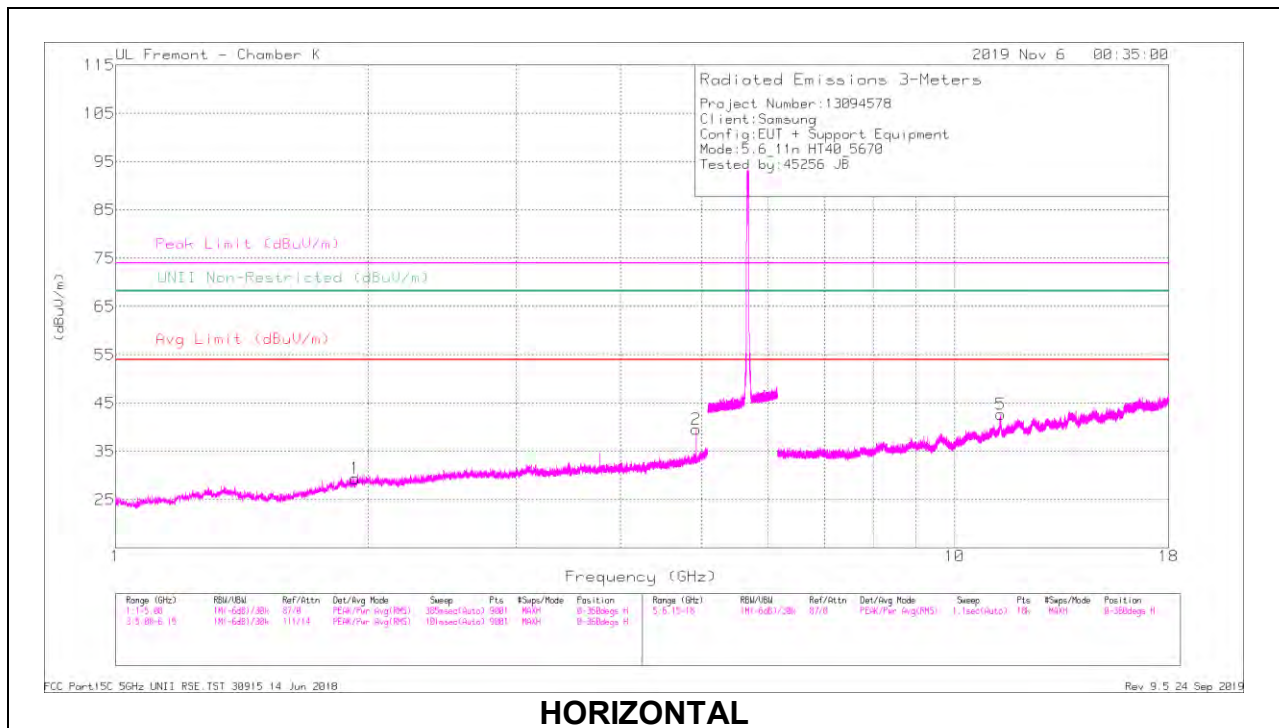
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.9315	42.74	PK-U	31.1	-35.2	0	38.64	-	-	-	-	68.2	-29.56	85	260	H
2	* 3.70639	38.94	PK-U	33.1	-32	0	40.04	-	-	74	-33.96	-	-	212	174	H
	* 3.70689	28.4	ADR	33.1	-32	.61	30.11	54	-23.89	-	-	-	-	212	174	H
3	1.93112	44.89	PK-U	31.1	-35.2	0	40.79	-	-	-	-	68.2	-27.41	130	108	V
4	* 3.84528	37.91	PK-U	33.4	-31.7	0	39.61	-	-	74	-34.39	-	-	247	305	V
	* 3.84431	27.81	ADR	33.5	-31.7	.61	30.22	54	-23.78	-	-	-	-	247	305	V
5	* 11.09886	36.83	PK-U	37.9	-21.6	0	53.13	-	-	74	-20.87	-	-	113	97	H
	* 11.09987	25.27	ADR	37.9	-21.6	.61	42.18	54	-11.82	-	-	-	-	113	97	H
6	* 11.10289	38.78	PK-U	38	-21.5	0	55.28	-	-	74	-18.72	-	-	318	96	V
	* 11.10045	27.34	ADR	37.9	-21.6	.61	44.25	54	-9.75	-	-	-	-	318	96	V

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

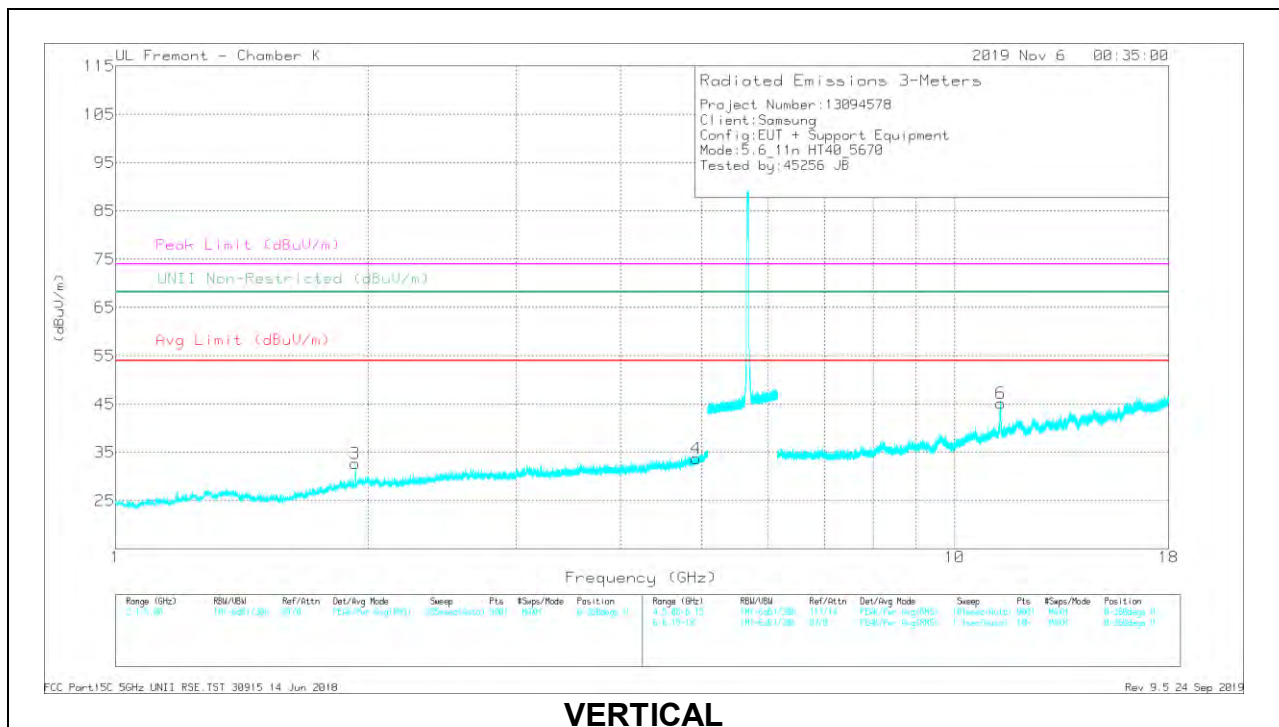
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

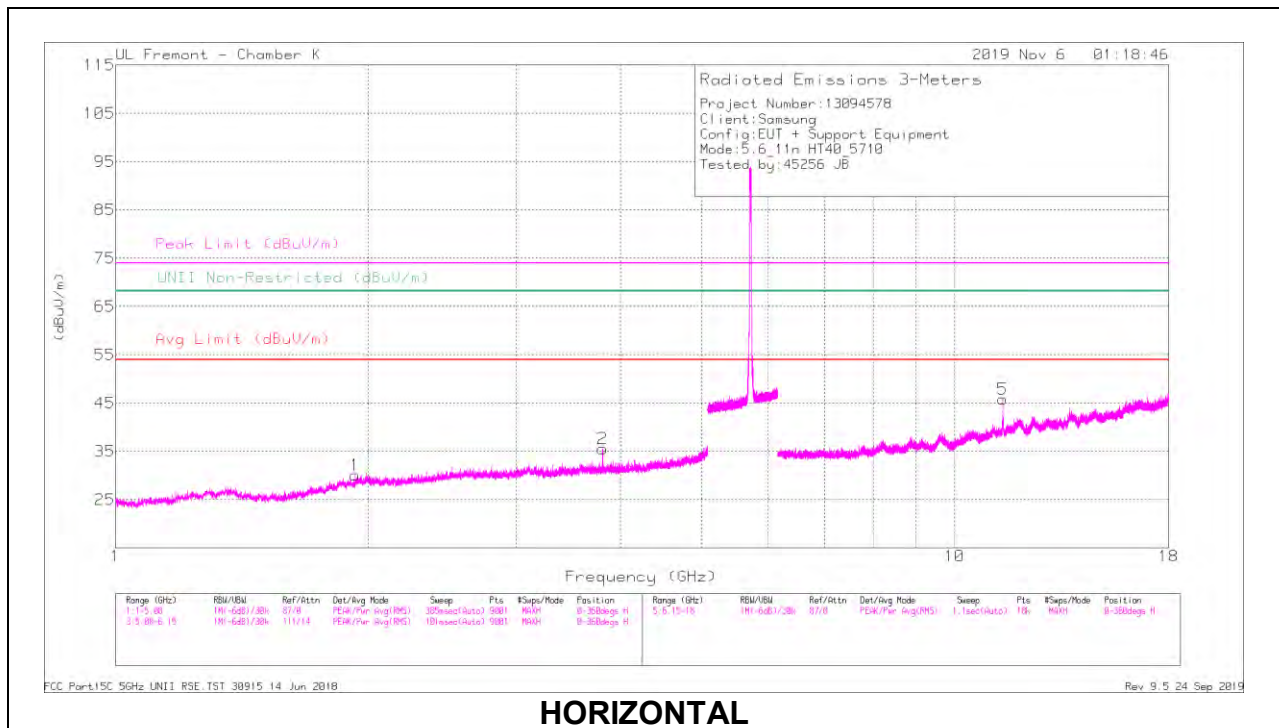
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.93097	42.12	PK-U	31.1	-35.2	0	38.02	-	-	-	-	68.2	-30.18	349	96	H
2	* 4.92063	36.58	PK-U	34.1	-29.9	0	40.78	-	-	74	-33.22	-	-	134	160	H
	* 4.921	27.21	ADR	34.1	-29.9	.61	32.02	54	-21.98	-	-	-	-	134	160	H
3	1.93125	44.28	PK-U	31.1	-35.2	0	40.18	-	-	-	-	68.2	-28.02	135	105	V
4	* 4.91971	37.08	PK-U	34.1	-29.9	0	41.28	-	-	74	-32.72	-	-	294	391	V
	* 4.92182	27.35	ADR	34.1	-29.9	.61	32.16	54	-21.84	-	-	-	-	294	391	V
5	* 11.35207	33.97	PK-U	38.1	-21	0	51.07	-	-	74	-22.93	-	-	116	118	H
	* 11.35355	21.74	ADR	38.1	-20.9	.61	39.55	54	-14.45	-	-	-	-	116	118	H
6	* 11.35513	36.67	PK-U	38.1	-21	0	53.77	-	-	74	-20.23	-	-	295	96	V
	* 11.35531	25.47	ADR	38.1	-21	.61	43.18	54	-10.82	-	-	-	-	295	96	V

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

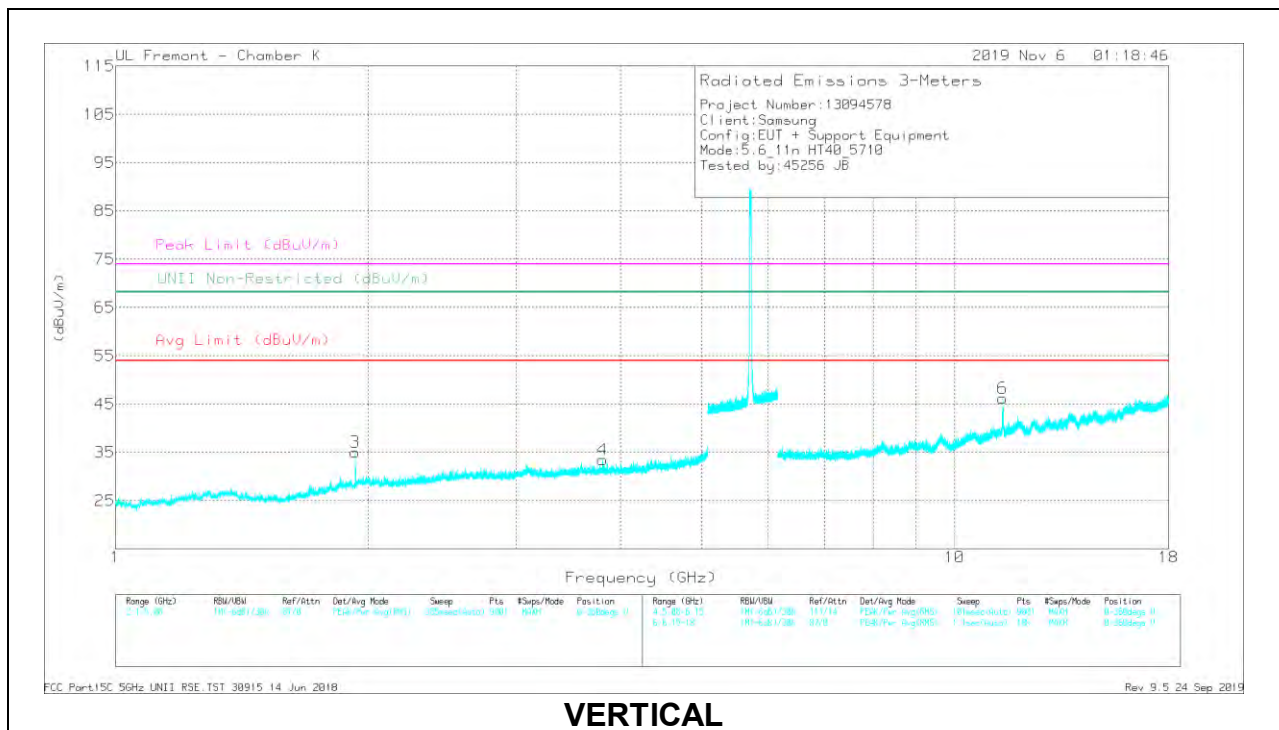
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 142 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filr/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	1.93107	43.51	PK-U	31.1	-35.2	0	39.41	-	-	-	-	68.2	-28.79	67	341	H
3	1.93111	45.42	PK-U	31.1	-35.2	0	41.32	-	-	-	-	68.2	-26.88	129	103	V
2	* 3.80704	34	PK-U	33.4	-31.8	0	35.6	-	-	74	-38.4	-	-	249	100	H
	* 3.80704	25.6	ADR	33.4	-31.8	.61	27.81	54	-26.19	-	-	-	-	249	100	H
4	* 3.80674	39.89	PK-U	33.4	-31.8	0	41.49	-	-	74	-32.51	-	-	286	337	V
	* 3.80672	31.25	ADR	33.4	-31.8	.61	33.46	54	-20.54	-	-	-	-	286	337	V
5	* 11.41891	34.52	PK-U	38.2	-21	0	51.72	-	-	74	-22.28	-	-	251	96	H
	* 11.42002	24.22	ADR	38.2	-21	.61	42.03	54	-11.97	-	-	-	-	251	96	H
6	* 11.42024	37.67	PK-U	38.2	-21	0	54.87	-	-	74	-19.13	-	-	289	98	V
	* 11.42026	26.49	ADR	38.2	-21	.61	44.3	54	-9.7	-	-	-	-	289	98	V

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

PK-U - U-NII: Maximum Peak

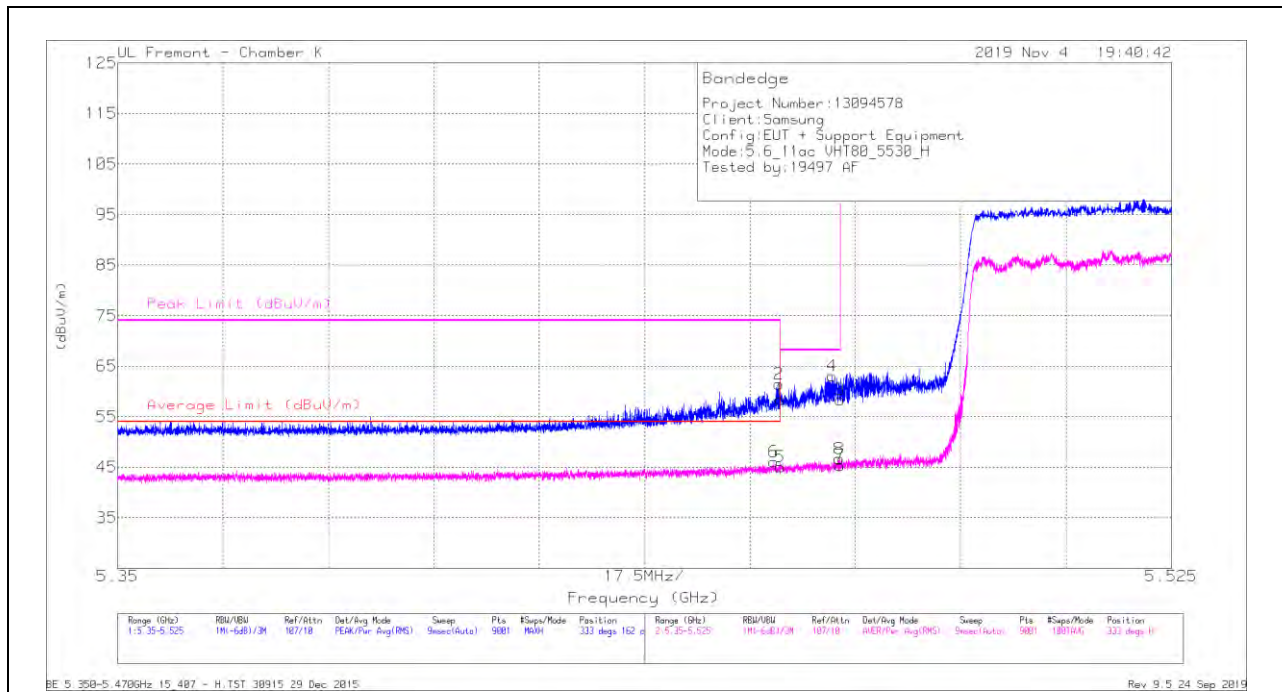
ADR - U-NII AD primary method, RMS average

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

2TX Chain 0 + Chain 1 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cb/Filtr/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	43.51	Pk	34.5	-19.7	0	58.31	-	-	74	-15.69	333	162	H
2	* 5.45978	46.68	Pk	34.5	-19.7	0	61.48	-	-	74	-12.52	333	162	H
3	5.46999	43.51	Pk	34.5	-19.7	0	58.31	-	-	68.2	-9.89	333	162	H
4	5.46863	48.24	Pk	34.5	-19.7	0	63.04	-	-	68.2	-5.16	333	162	H
5	* 5.45999	28.41	RMS	34.5	-19.7	1.84	45.05	54	-8.95	-	-	333	162	H
6	* 5.45893	29.41	RMS	34.5	-19.7	1.84	46.05	54	-7.95	-	-	333	162	H
7	5.46999	28.74	RMS	34.5	-19.7	1.84	45.38	-	-	-	-	333	162	H
8	5.46983	30.05	RMS	34.5	-19.7	1.84	46.69	-	-	-	-	333	162	H

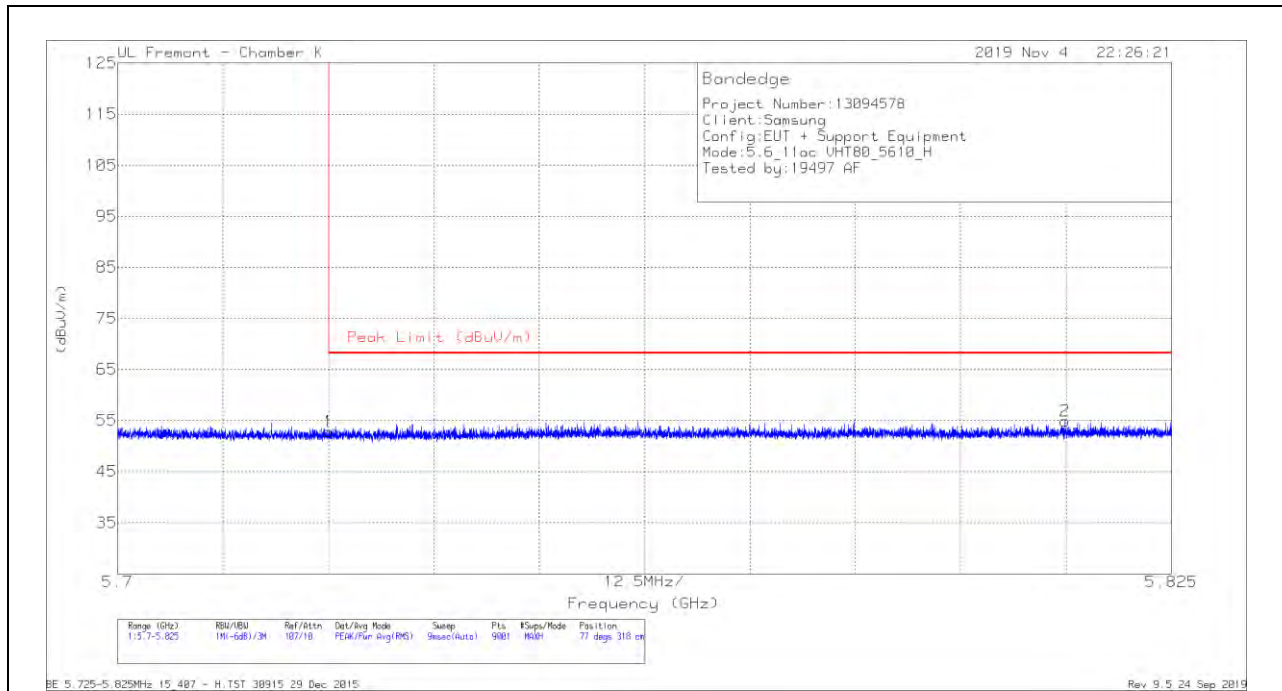
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

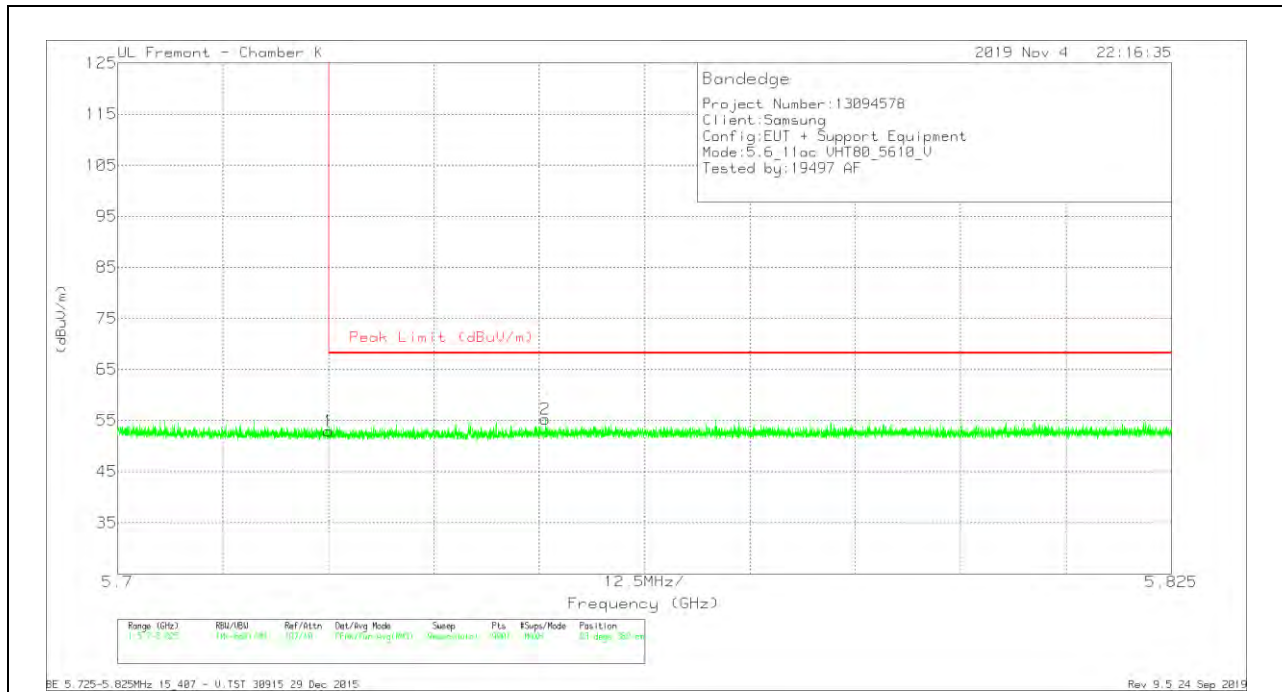


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (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	37.02	Pk	34.8	-19	0	52.82	68.2	-15.38	77	318	H
2	5.81236	38.72	Pk	35.1	-18.9	0	54.92	68.2	-13.28	77	318	H

Pk - Peak detector

VERTICAL RESULT



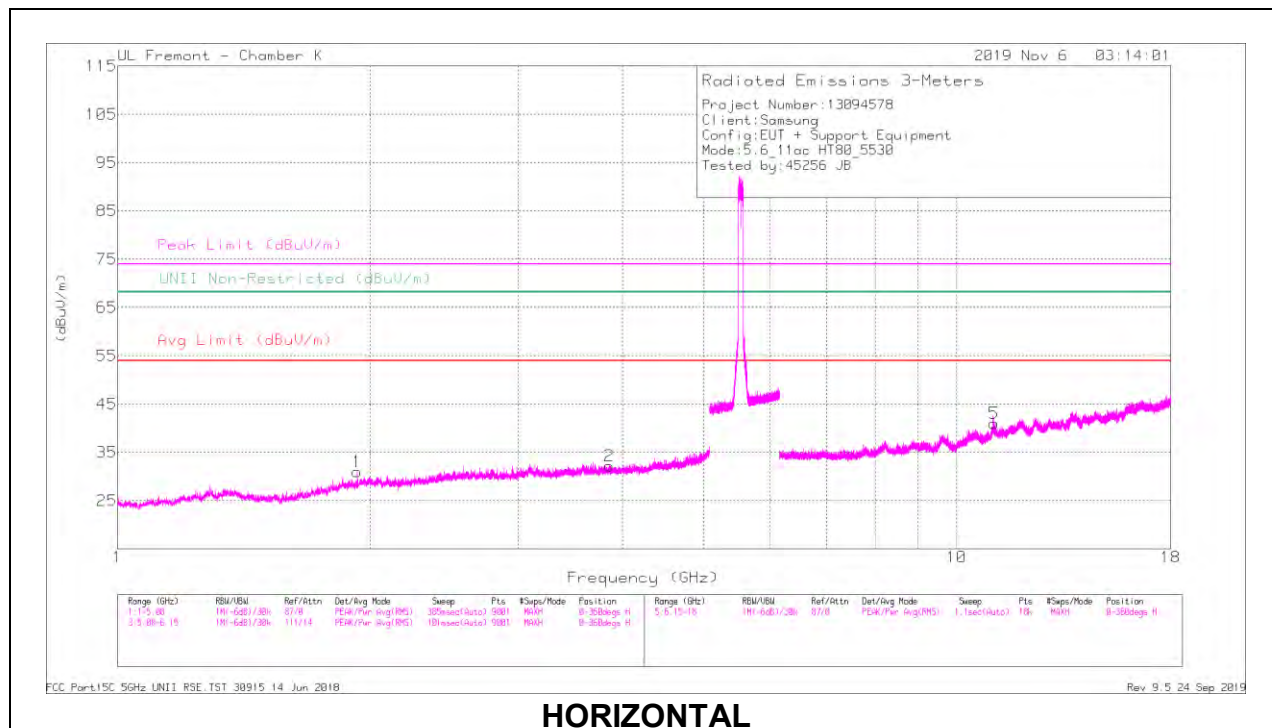
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (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	37.17	Pk	34.8	-19	0	52.97	68.2	-15.23	83	388	V
2	5.75072	39.31	Pk	34.9	-18.9	0	55.31	68.2	-12.89	83	388	V

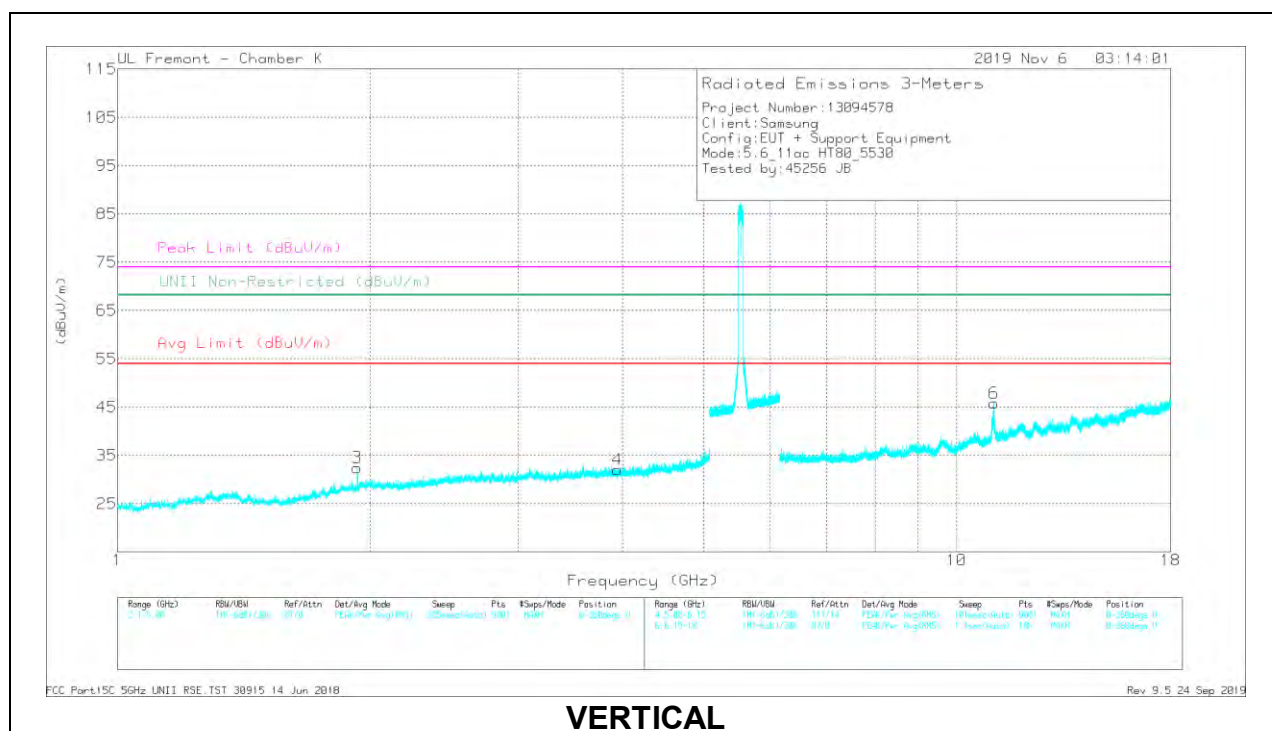
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

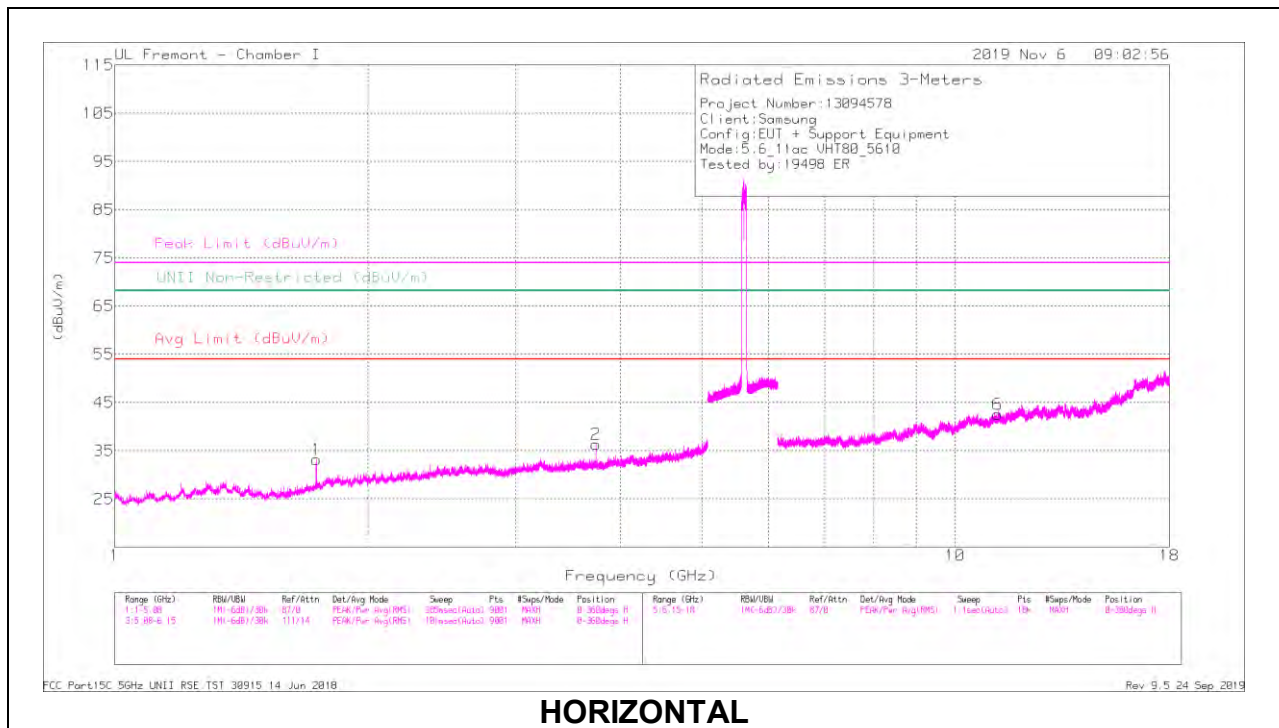
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.93138	42.97	PK-U	31.1	-35.2	0	38.87	-	-	-	-	68.2	-29.33	73	104	H
2	* 3.8589	38.41	PK-U	33.4	-31.6	0	40.21	-	-	74	-33.79	-	-	219	285	H
	* 3.85714	27.56	ADR	33.5	-31.6	1.84	31.3	54	-22.7	-	-	-	-	219	285	H
3	1.93153	45.36	PK-U	31.1	-35.2	0	41.26	-	-	-	-	68.2	-26.94	130	114	V
4	* 3.94149	38.1	PK-U	33.3	-31.5	0	39.9	-	-	74	-34.1	-	-	275	402	V
	* 3.94321	27.39	ADR	33.3	-31.5	1.84	31.03	54	-22.97	-	-	-	-	275	402	V
5	* 11.08748	33.05	PK-U	38	-21.8	0	49.25	-	-	74	-24.75	-	-	113	108	H
	* 11.08794	22.78	ADR	38	-21.8	1.84	40.82	54	-13.18	-	-	-	-	113	108	H
6	* 11.081	36.41	PK-U	37.9	-21.8	0	52.51	-	-	74	-21.49	-	-	294	100	V
	* 11.08142	25.28	ADR	38	-21.8	1.84	43.32	54	-10.68	-	-	-	-	294	100	V

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

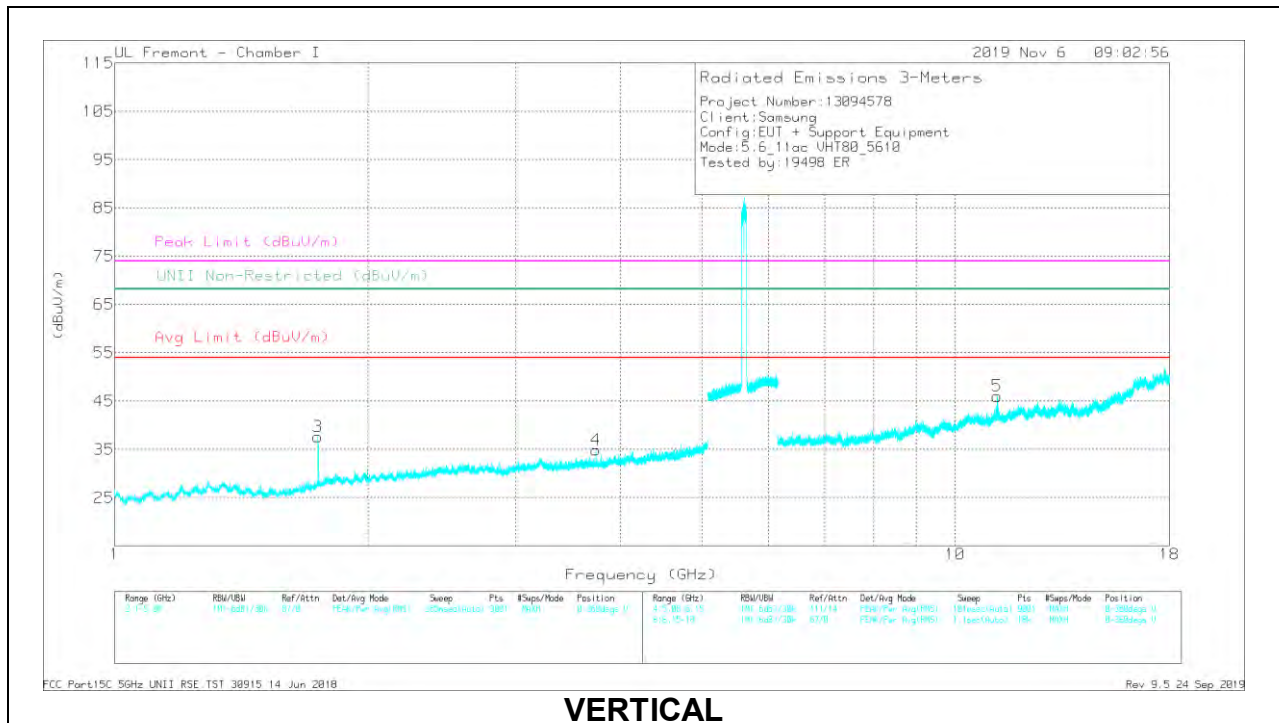
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



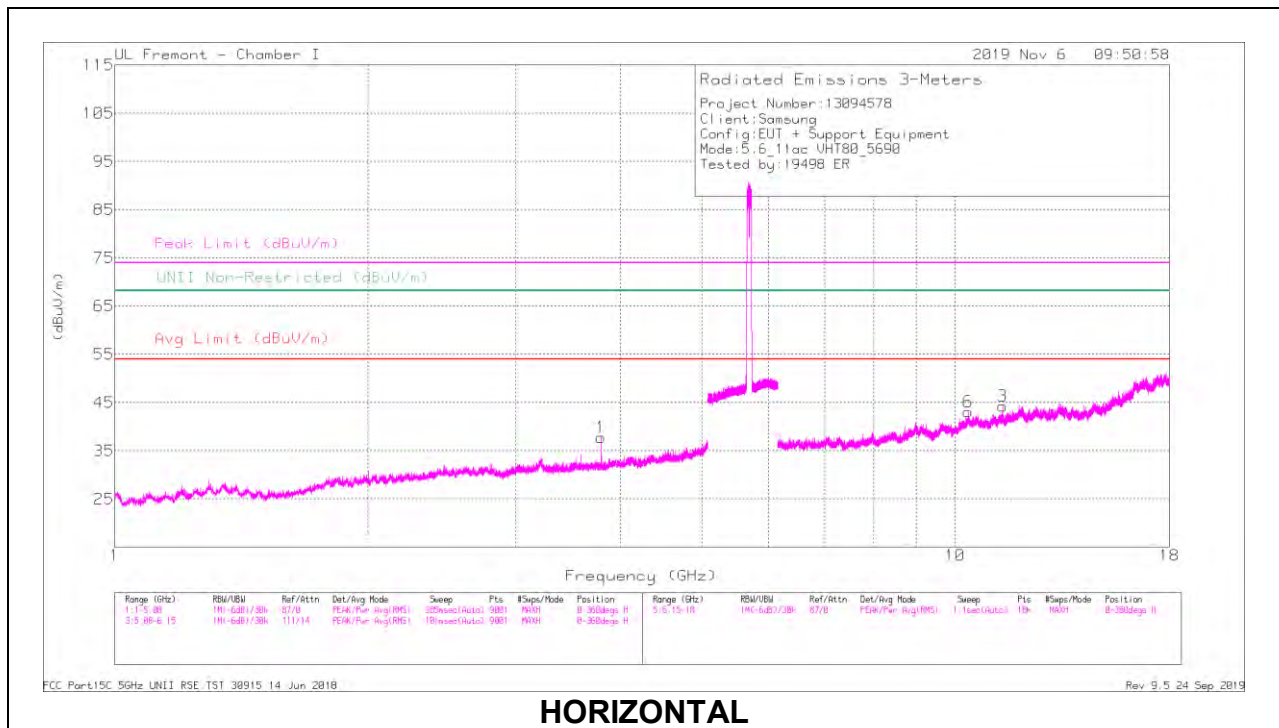
VERTICAL

RADIATED EMISSIONS

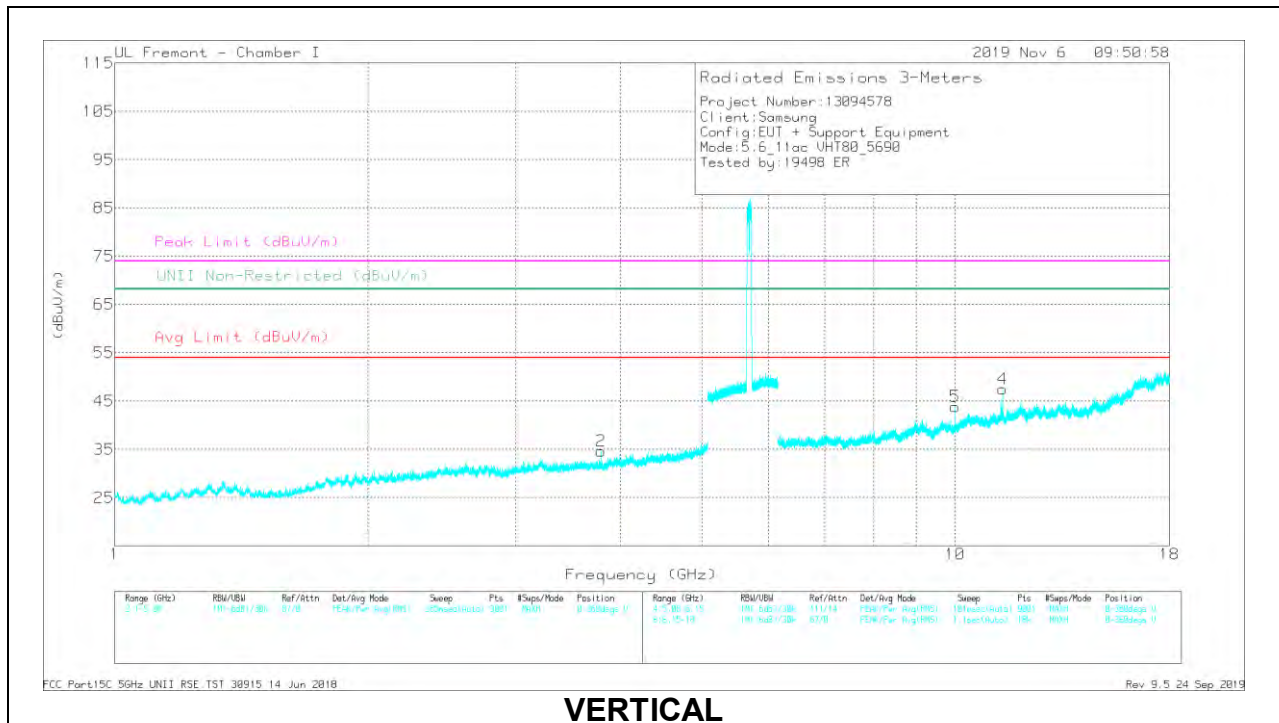
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.73531	37.7	PK-U	29.7	-31.5	0	35.9	-	-	-	-	68.2	-32.3	91	185	H
2	* 3.74011	38.83	PK-U	32.9	-27.5	0	44.23	-	-	74	-29.77	-	-	92	102	H
	* 3.74001	29.25	ADR	32.9	-27.5	1.84	36.49	54	-17.51	-	-	-	-	92	102	H
3	1.74365	37.46	PK-U	29.7	-31.4	0	35.76	-	-	-	-	68.2	-32.44	196	236	V
4	* 3.73991	35.58	PK-U	32.9	-27.5	0	40.98	-	-	74	-33.02	-	-	150	101	V
	* 3.74001	27.27	ADR	32.9	-27.5	1.84	34.51	54	-19.49	-	-	-	-	150	101	V
6	* 11.25823	29.44	PK-U	38	-15.8	0	51.64	-	-	74	-22.36	-	-	0	131	H
	* 11.25487	17.86	ADR	38	-15.9	1.84	41.8	54	-12.2	-	-	-	-	0	131	H
5	* 11.22714	29.46	PK-U	38	-16.1	0	51.36	-	-	74	-22.64	-	-	317	386	V
	* 11.22694	17.94	ADR	38	-16.1	1.84	41.68	54	-12.32	-	-	-	-	317	386	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 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	* 3.79343	36.63	PK-U	32.9	-27.9	0	41.63	-	-	74	-32.37	-	-	90	111	H
	* 3.79336	29.19	ADR	32.9	-27.9	1.84	36.03	54	-17.97	-	-	-	-	90	111	H
2	* 3.79321	37.21	PK-U	32.9	-27.9	0	42.21	-	-	74	-31.79	-	-	151	387	V
	* 3.79335	28.03	ADR	32.9	-27.9	1.84	34.87	54	-19.13	-	-	-	-	151	387	V
3	* 11.38938	30.54	PK-U	38.1	-15.6	0	53.04	-	-	74	-20.96	-	-	108	129	H
	* 11.38956	18.07	ADR	38.1	-15.5	1.84	42.51	54	-11.49	-	-	-	-	108	129	H
6	10.36981	30	PK-U	37.4	-15.6	0	51.8	-	-	-	-	68.2	-16.4	200	398	H
4	* 11.39446	31.38	PK-U	38.1	-15.5	0	53.98	-	-	74	-20.02	-	-	152	102	V
	* 11.39474	19.05	ADR	38.1	-15.5	1.84	43.49	54	-10.51	-	-	-	-	152	102	V
5	9.99683	28.88	PK-U	36.9	-16.7	0	49.08	-	-	-	-	68.2	-19.12	199	280	V

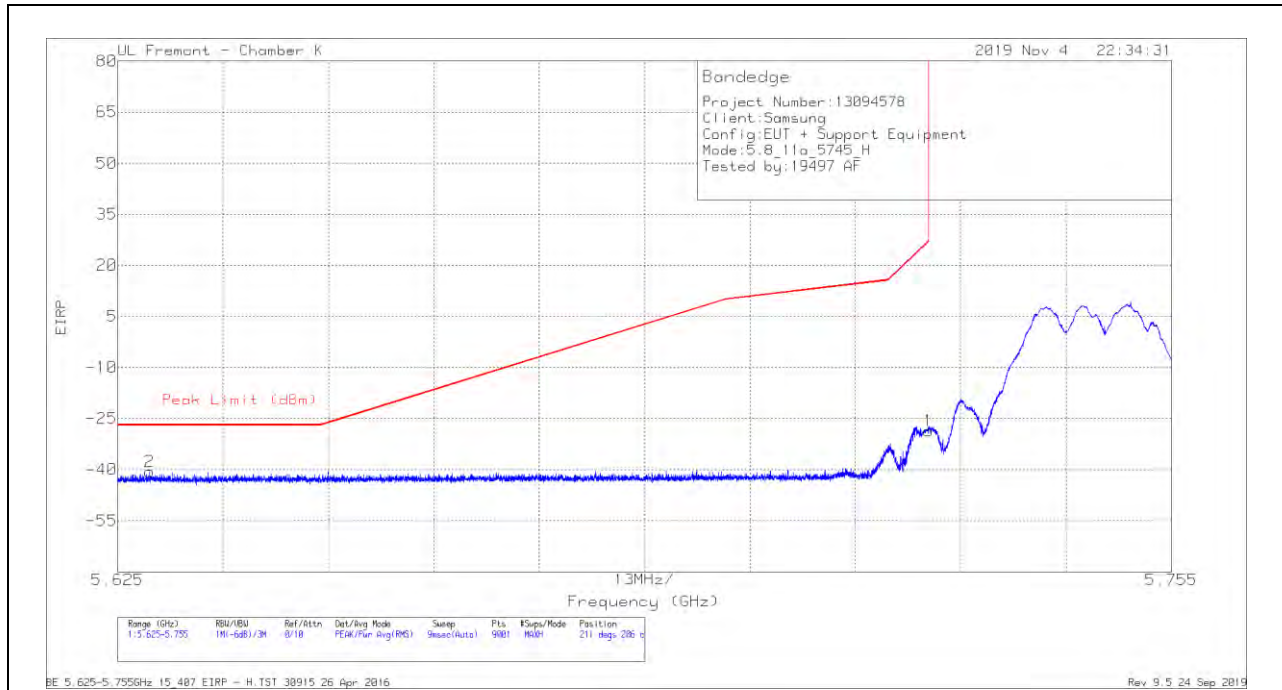
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

2TX Chain 0 + Chain 1 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

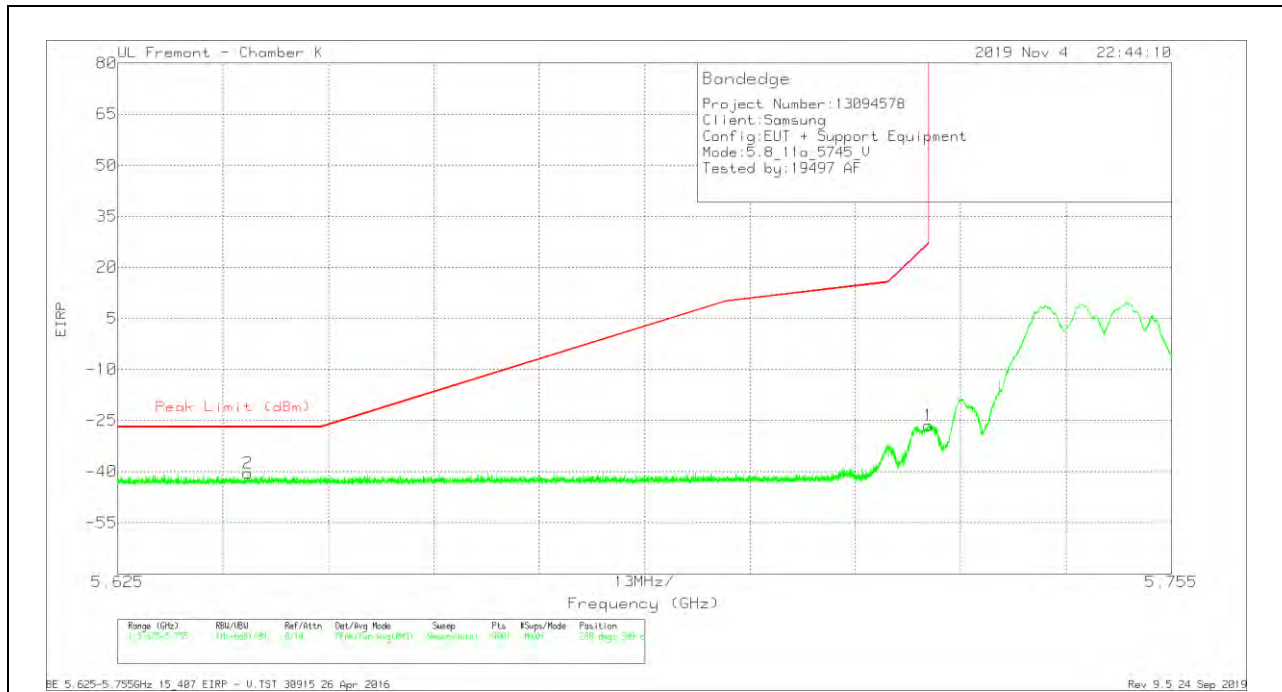


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF EMC4294 (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	-56.28	Pk	34.8	-19	11.8	0	-28.68	26.99	-55.67	211	286	H
2	5.62894	-67.67	Pk	34.8	-19.5	11.8	0	-40.57	-27	-13.57	211	286	H

Pk - Peak detector

VERTICAL RESULT



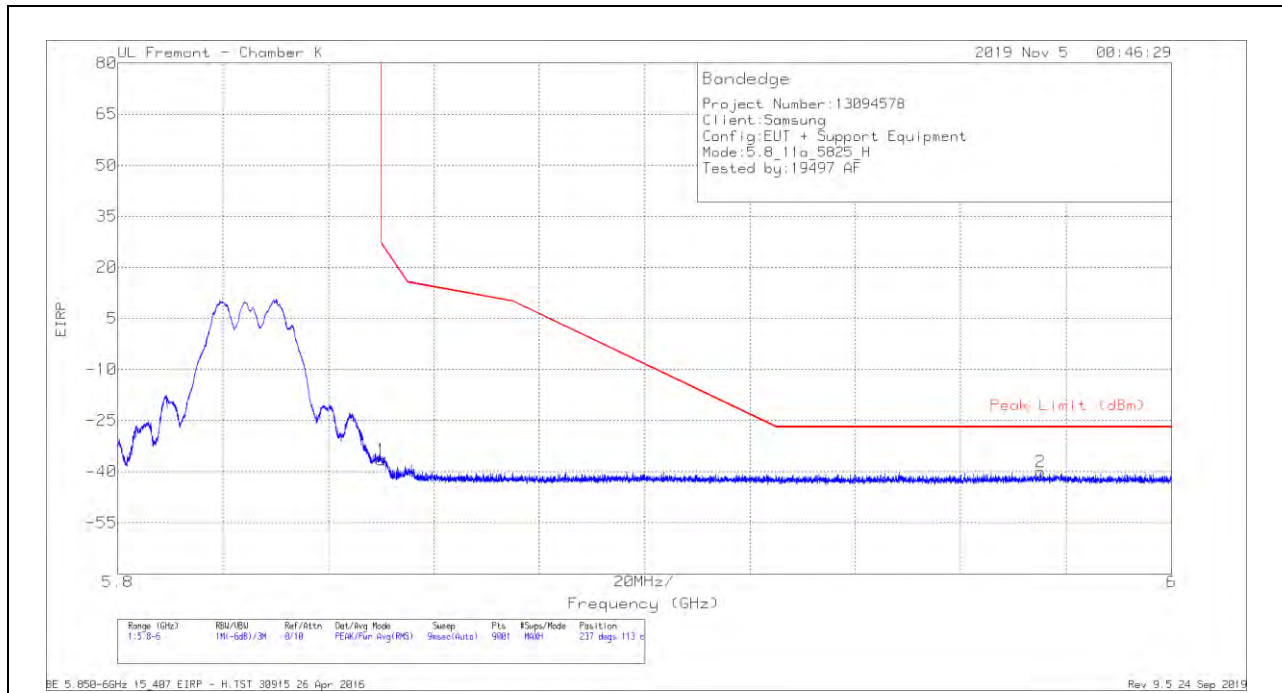
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF EMC4294 (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	-54.1	Pk	34.8	-19	11.8	0	-26.5	26.99	-53.49	288	309	V
2	5.64105	-67.57	Pk	34.8	-19.4	11.8	0	-40.37	-27	-13.37	288	309	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF EMC4294 (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	-64.48	Pk	35	-18.9	11.8	0	-36.58	26.95	-63.53	237	113	H
2	5.97513	-68.62	Pk	35.2	-18.5	11.8	0	-40.12	-27	-13.12	237	113	H

Pk - Peak detector

VERTICAL RESULT



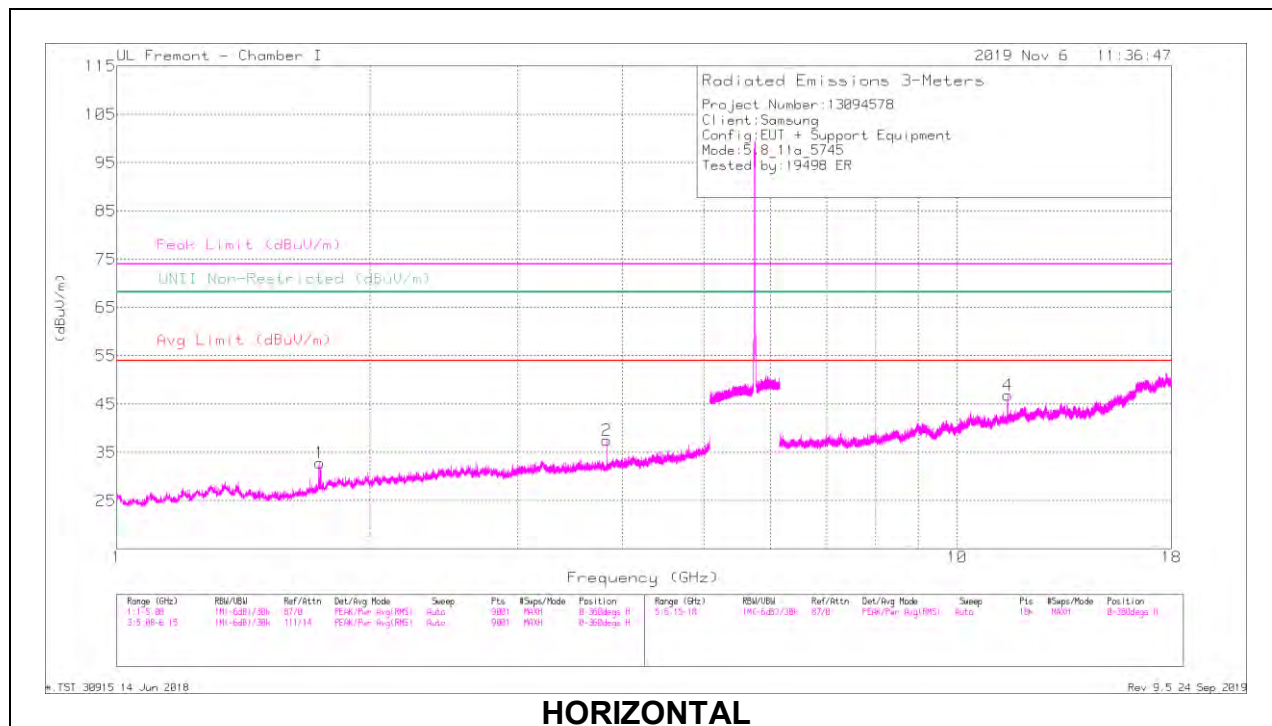
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF EMC4294 (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	-66	Pk	35	-18.9	11.8	0	-38.1	26.95	-65.05	272	102	V
2	5.94495	-68.22	Pk	35.2	-18.7	11.8	0	-39.92	-27	-12.92	272	102	V

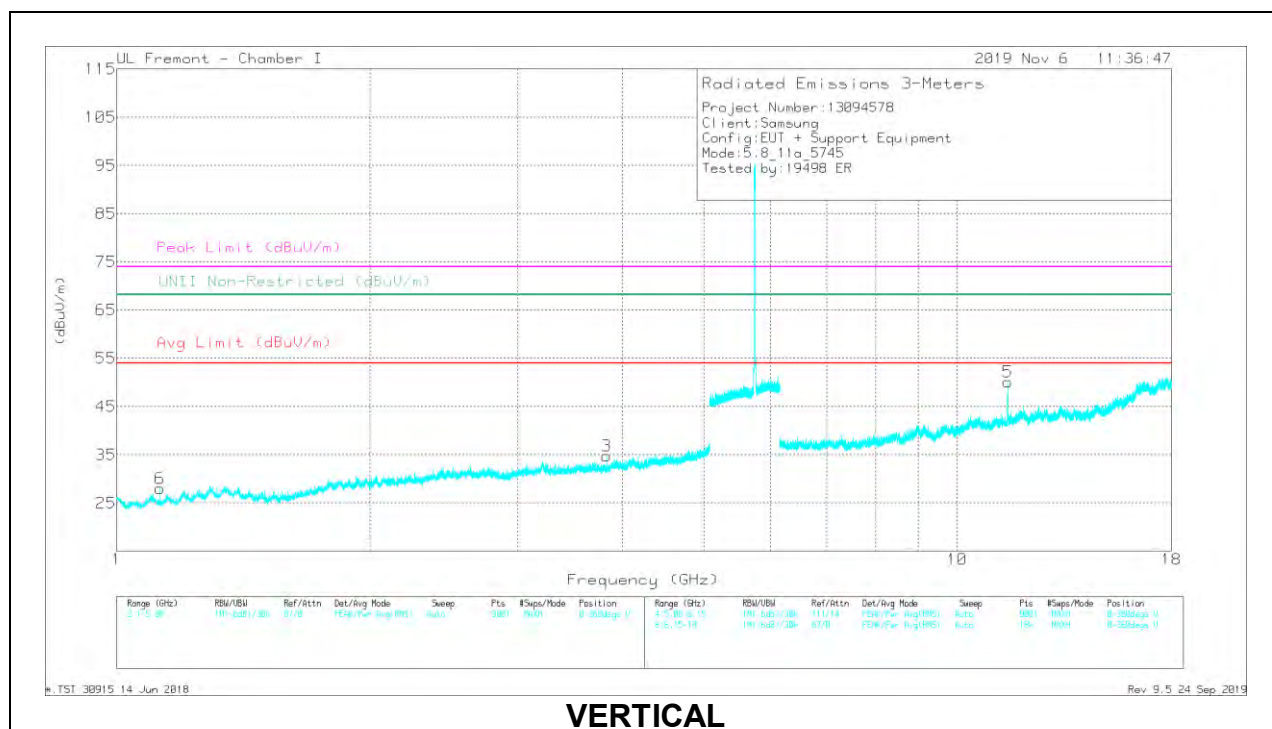
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

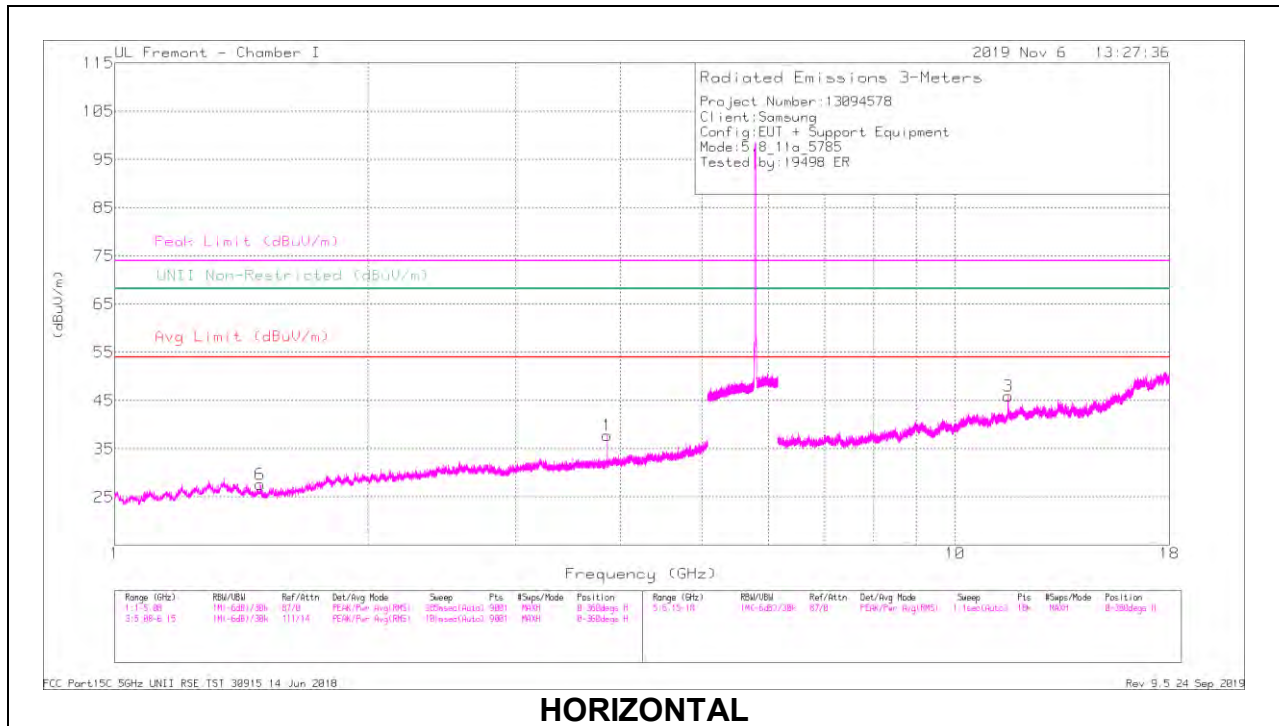
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.74621	38.77	PK-U	29.8	-31.4	0	37.17	-	-	-	-	68.2	-31.03	272	186	H
2	* 3.83004	39.22	PK-U	32.9	-28.2	0	43.92	-	-	74	-30.08	-	-	81	110	H
	* 3.83007	32.32	ADR	32.9	-28.2	.3	37.32	54	-16.68	-	-	-	-	81	110	H
3	* 3.83002	36.79	PK-U	32.9	-28.2	0	41.49	-	-	74	-32.51	-	-	141	101	V
	* 3.83007	30.17	ADR	32.9	-28.2	.3	35.17	54	-18.83	-	-	-	-	141	101	V
6	* 1.13031	37.16	PK-U	27.6	-32.5	0	32.26	-	-	74	-41.74	-	-	35	233	V
	* 1.12434	28.16	ADR	27.7	-32.6	.3	23.56	54	-30.44	-	-	-	-	35	233	V
4	* 11.48929	34.22	PK-U	38.2	-16.2	0	56.22	-	-	74	-17.78	-	-	118	107	H
	* 11.49036	23.37	ADR	38.2	-16.2	.3	45.67	54	-8.33	-	-	-	-	118	107	H
5	* 11.49085	37.16	PK-U	38.2	-16.2	0	59.16	-	-	74	-14.84	-	-	178	102	V
	* 11.49069	25.12	ADR	38.2	-16.2	.3	47.42	54	-6.58	-	-	-	-	178	102	V

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

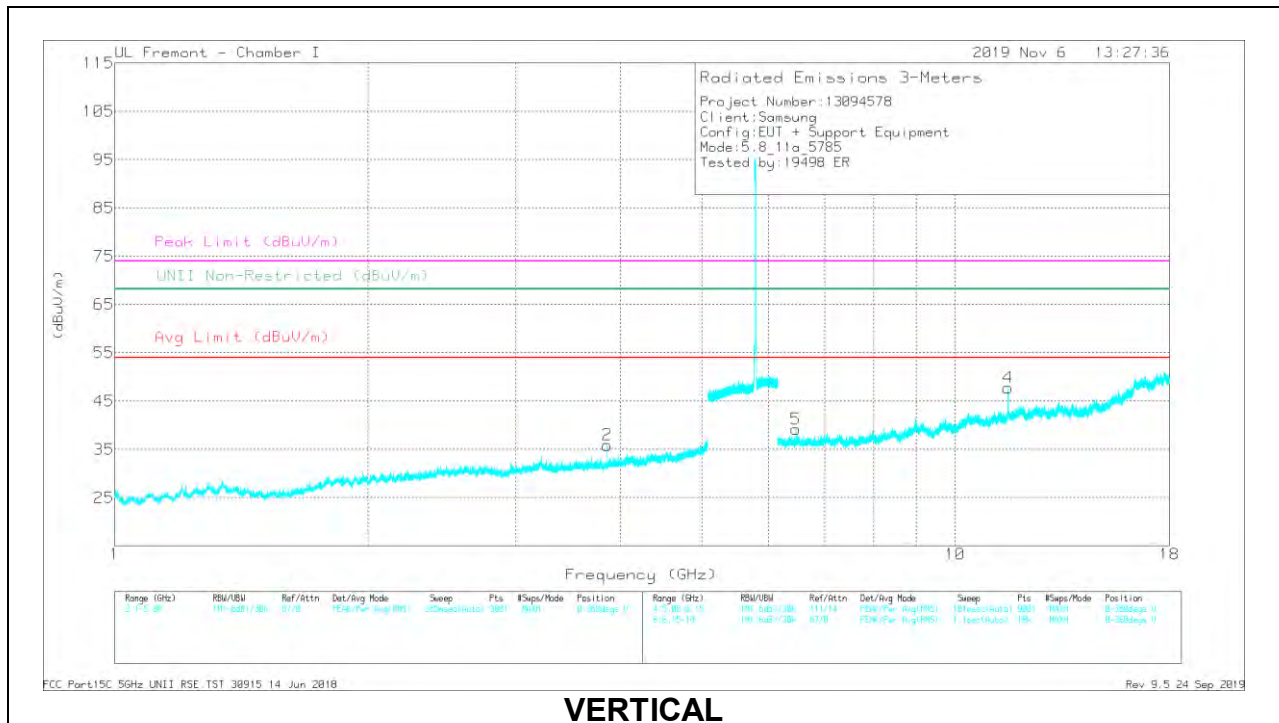
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

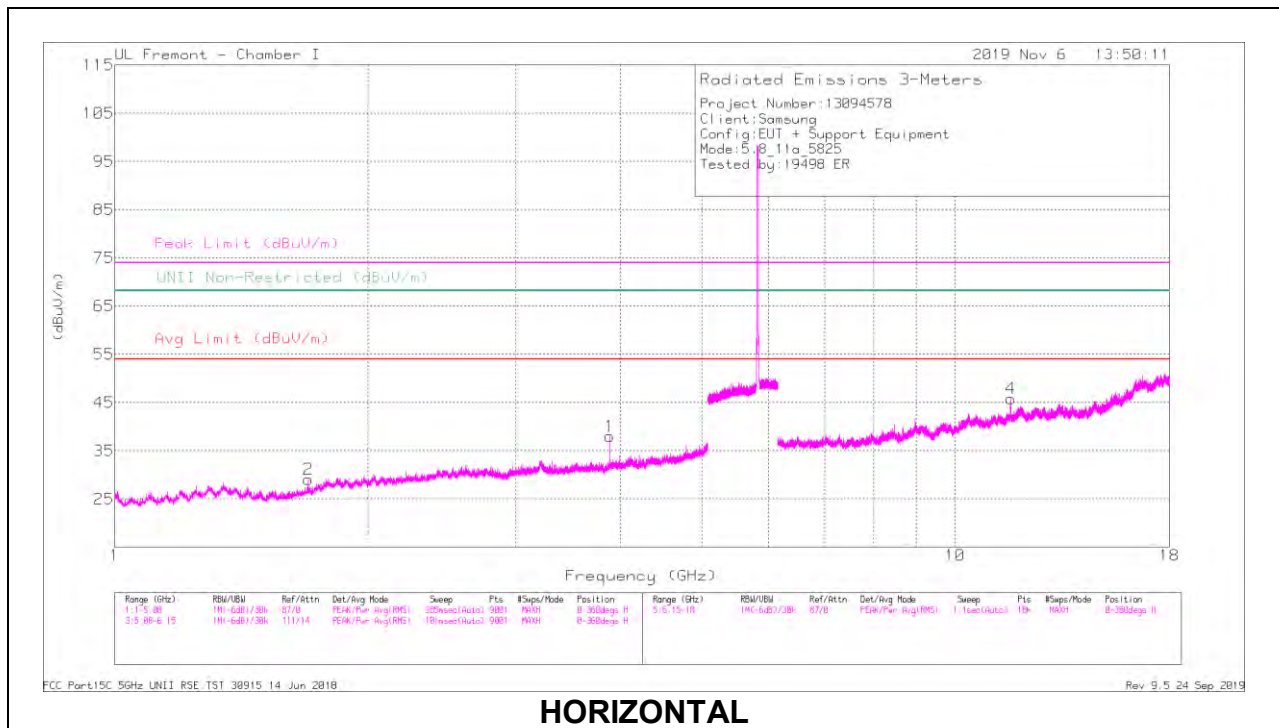
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.85677	37.97	PK-U	33.1	-27.8	0	43.27	-	-	74	-30.73	-	-	85	128	H
	* 3.85674	30.68	ADR	33.1	-27.8	.3	36.28	54	-17.72	-	-	-	-	85	128	H
6	* 1.48817	38.39	PK-U	28.1	-31.9	0	34.59	-	-	74	-39.41	-	-	146	144	H
	* 1.48784	27.95	ADR	28.2	-31.8	.3	24.65	54	-29.35	-	-	-	-	146	144	H
2	* 3.85708	36.06	PK-U	33.1	-27.7	0	41.46	-	-	74	-32.54	-	-	152	374	V
	* 3.85672	28.99	ADR	33.1	-27.8	.3	34.59	54	-19.41	-	-	-	-	152	374	V
3	* 11.5694	33.87	PK-U	38.4	-16	0	56.27	-	-	74	-17.73	-	-	116	112	H
	* 11.56979	22.38	ADR	38.4	-16	.3	45.08	54	-8.92	-	-	-	-	116	112	H
4	* 11.56945	35.79	PK-U	38.4	-16	0	58.19	-	-	74	-15.81	-	-	179	102	V
	* 11.57072	24.13	ADR	38.4	-16	.3	46.83	54	-7.17	-	-	-	-	179	102	V
5	6.46972	31.18	PK-U	35.7	-20.4	0	46.48	-	-	-	-	68.2	-21.72	205	237	V

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

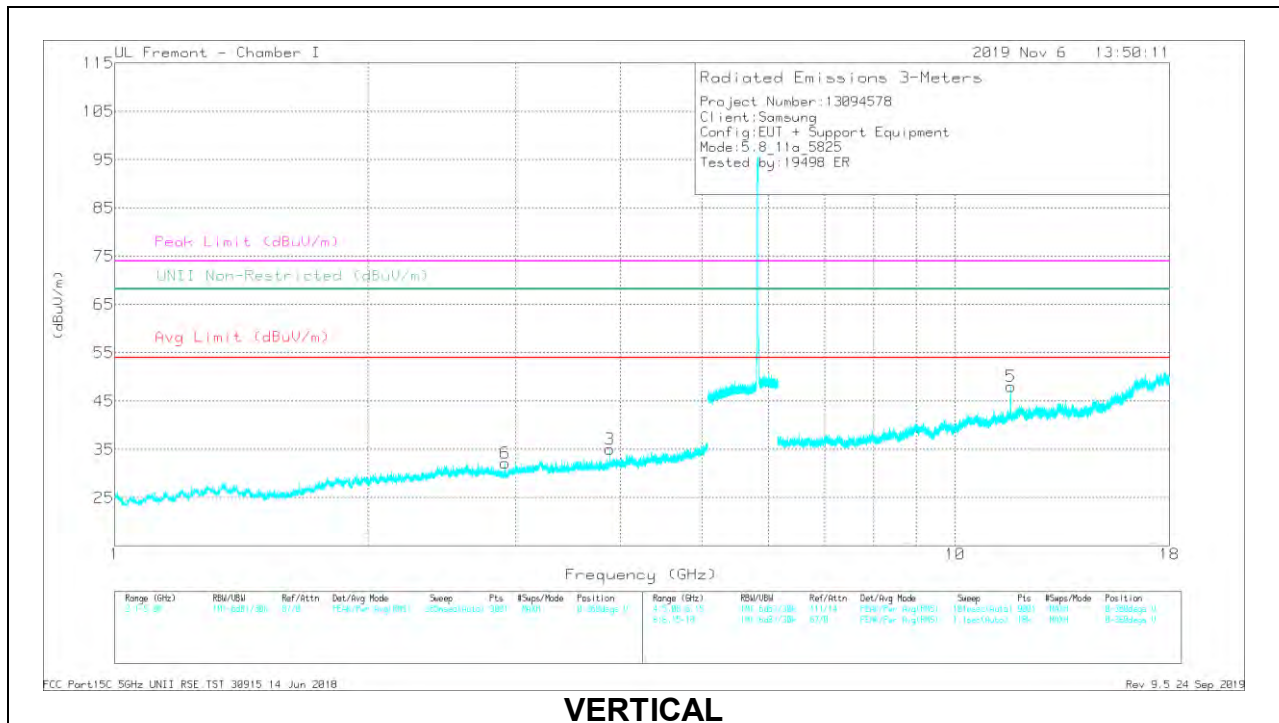
PK-U - U-NII: Maximum Peak

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/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	* 3.88337	37.71	PK-U	33.1	-27.1	0	43.71	-	-	74	-30.29	-	-	81	128	H
	* 3.8834	31.4	ADR	33.1	-27.1	.3	37.7	54	-16.3	-	-	-	-	81	128	H
2	* 1.69449	38.11	PK-U	29.1	-31.4	0	35.81	-	-	74	-38.19	-	-	150	182	H
	* 1.7017	27.46	ADR	29.3	-31.5	.3	25.56	54	-28.44	-	-	-	-	150	182	H
3	* 3.88341	36.05	PK-U	33.1	-27.1	0	42.05	-	-	74	-31.95	-	-	132	101	V
	* 3.88341	28.06	ADR	33.1	-27.1	.3	34.36	54	-19.64	-	-	-	-	132	101	V
6	2.91338	36.04	PK-U	31.8	-29.6	0	38.24	-	-	-	-	68.2	-29.96	248	176	V
4	* 11.6495	33.22	PK-U	38.4	-16.1	0	55.52	-	-	74	-18.48	-	-	132	113	H
	* 11.65013	21.46	ADR	38.4	-16.1	.3	44.06	54	-9.94	-	-	-	-	132	113	H
5	* 11.6558	34.23	PK-U	38.3	-16.1	0	56.43	-	-	74	-17.57	-	-	175	102	V
	* 11.65039	23.3	ADR	38.3	-16.2	.3	45.7	54	-8.3	-	-	-	-	175	102	V

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

PK-U - U-NII: Maximum Peak

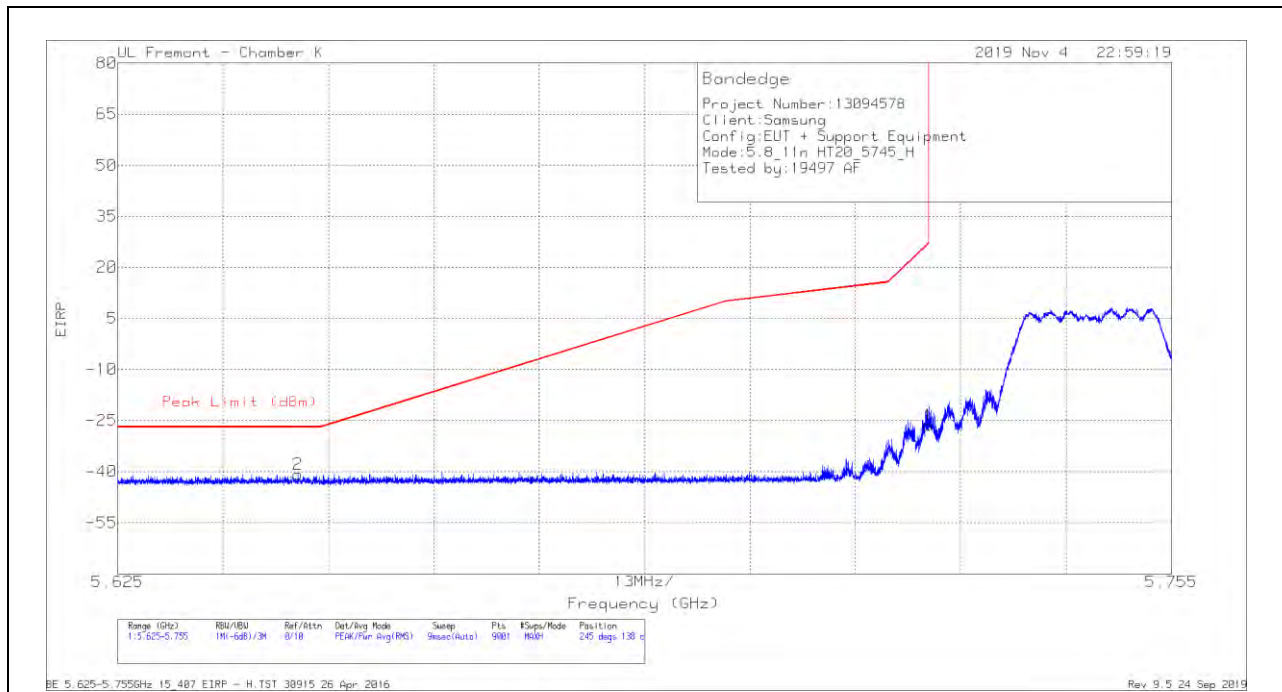
ADR - U-NII AD primary method, RMS average

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

2TX Chain 0 + Chain 1 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

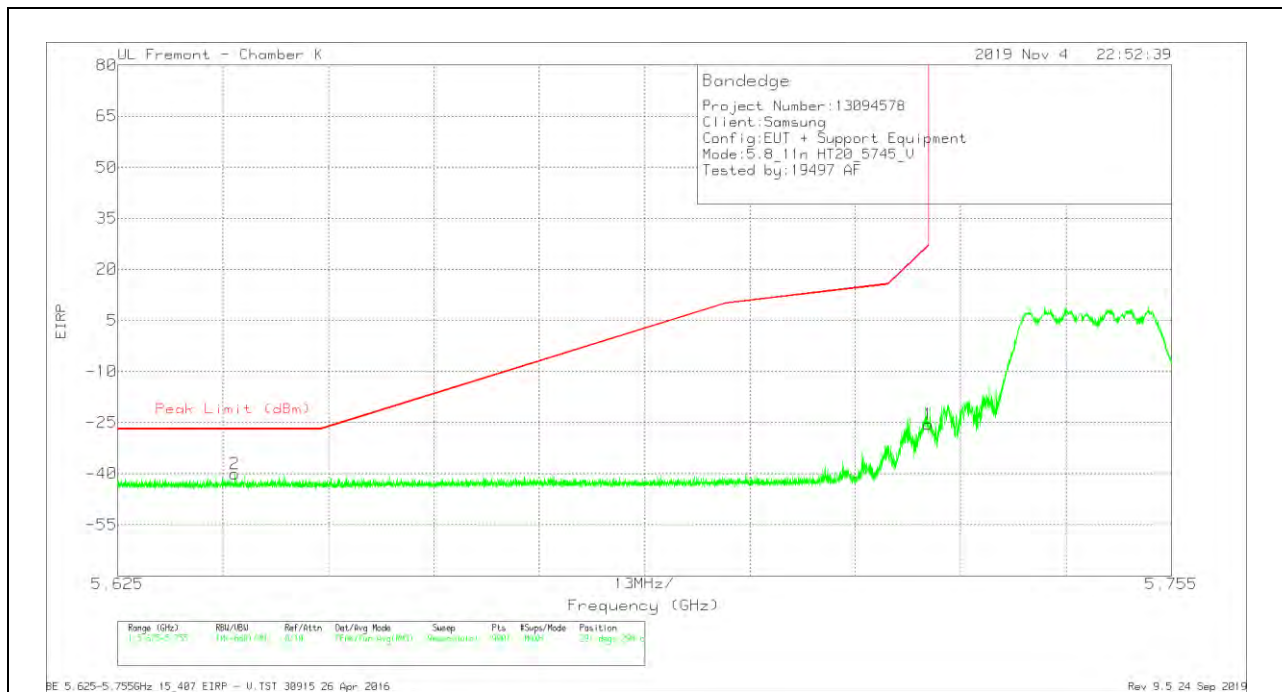


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF EMC4294 (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	-53.95	Pk	34.8	-19	11.8	0	-26.35	26.99	-53.34	245	138	H
2	5.64721	-68.04	Pk	34.8	-19.4	11.8	0	-40.84	-27	-13.84	245	138	H

Pk - Peak detector

VERTICAL RESULT



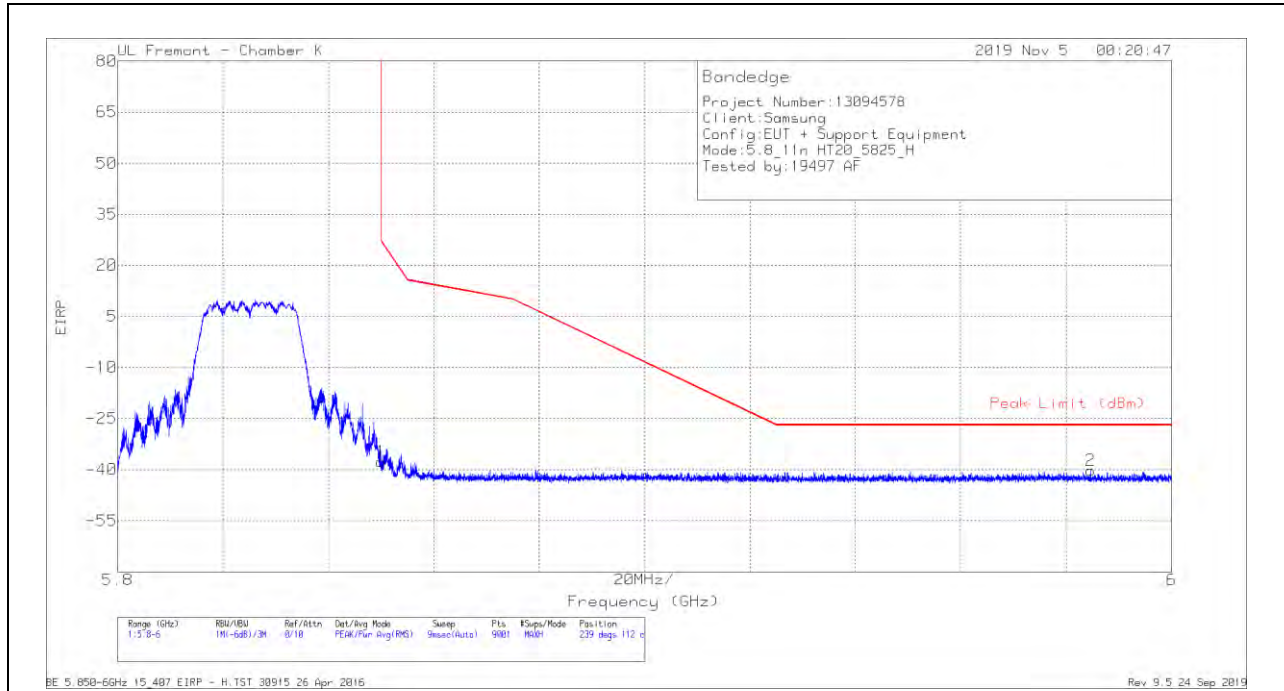
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF EMC4294 (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	-53.12	Pk	34.8	-19	11.8	0	-25.52	26.99	-52.51	291	298	V
2	5.63947	-67.21	Pk	34.8	-19.4	11.8	0	-40.01	-27	-13.01	291	298	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

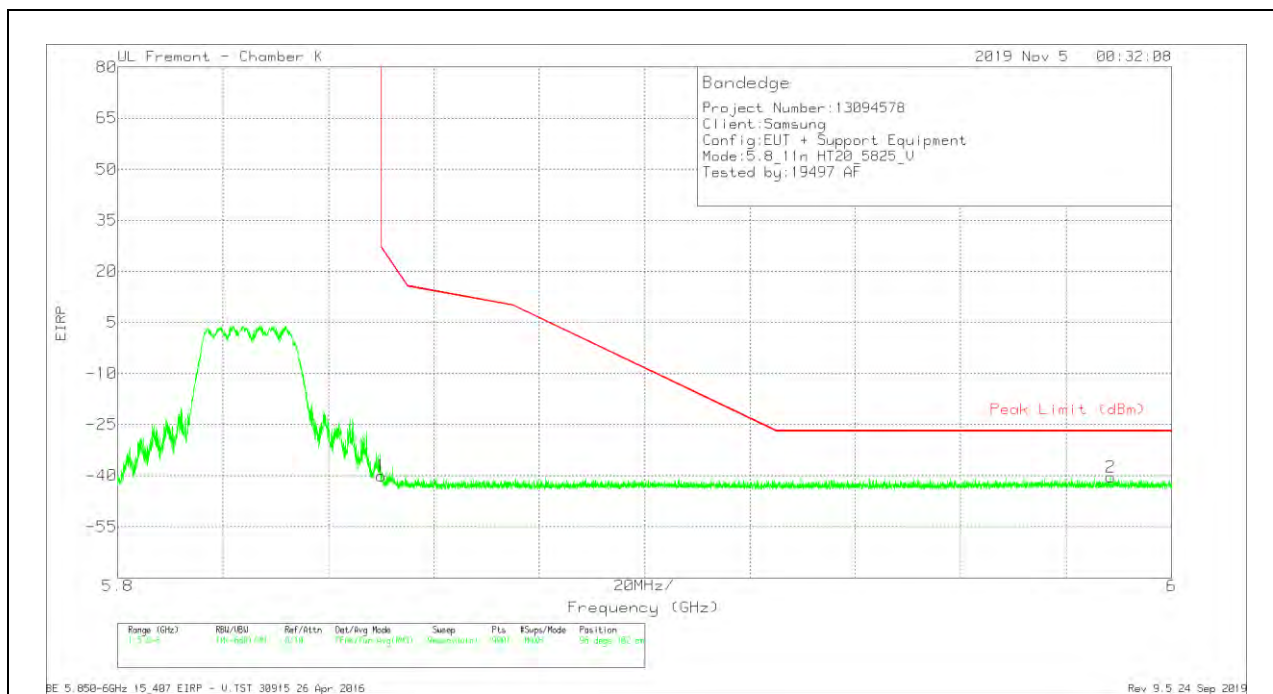


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF EMC4294 (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	-65.62	Pk	35	-18.9	11.8	0	-37.72	26.95	-64.67	239	112	H
2	5.98462	-68.47	Pk	35.1	-18.6	11.8	0	-40.17	-27	-13.17	239	112	H

Pk - Peak detector

VERTICAL RESULT



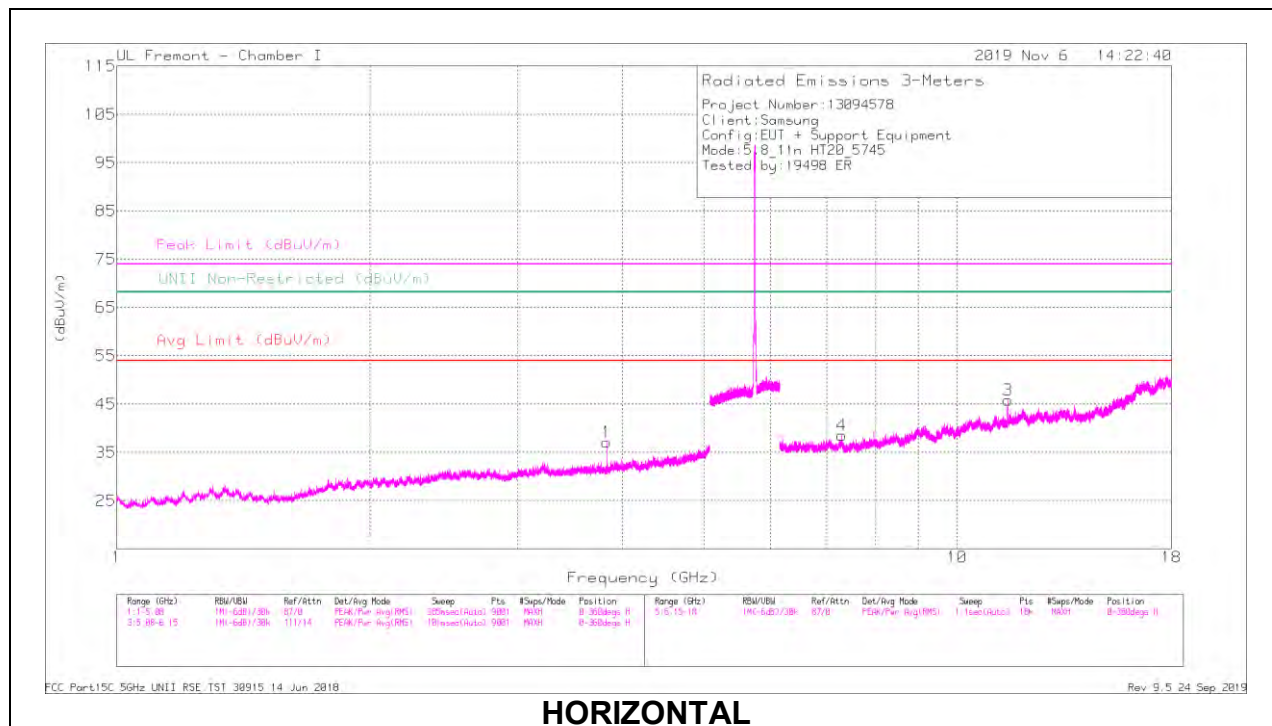
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF EMC4294 (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	-67.9	Pk	35	-18.9	11.8	0	-40	26.95	-66.95	96	102	V
2	5.98846	-68.91	Pk	35.1	-18.5	11.8	0	-40.51	-27	-13.51	96	102	V

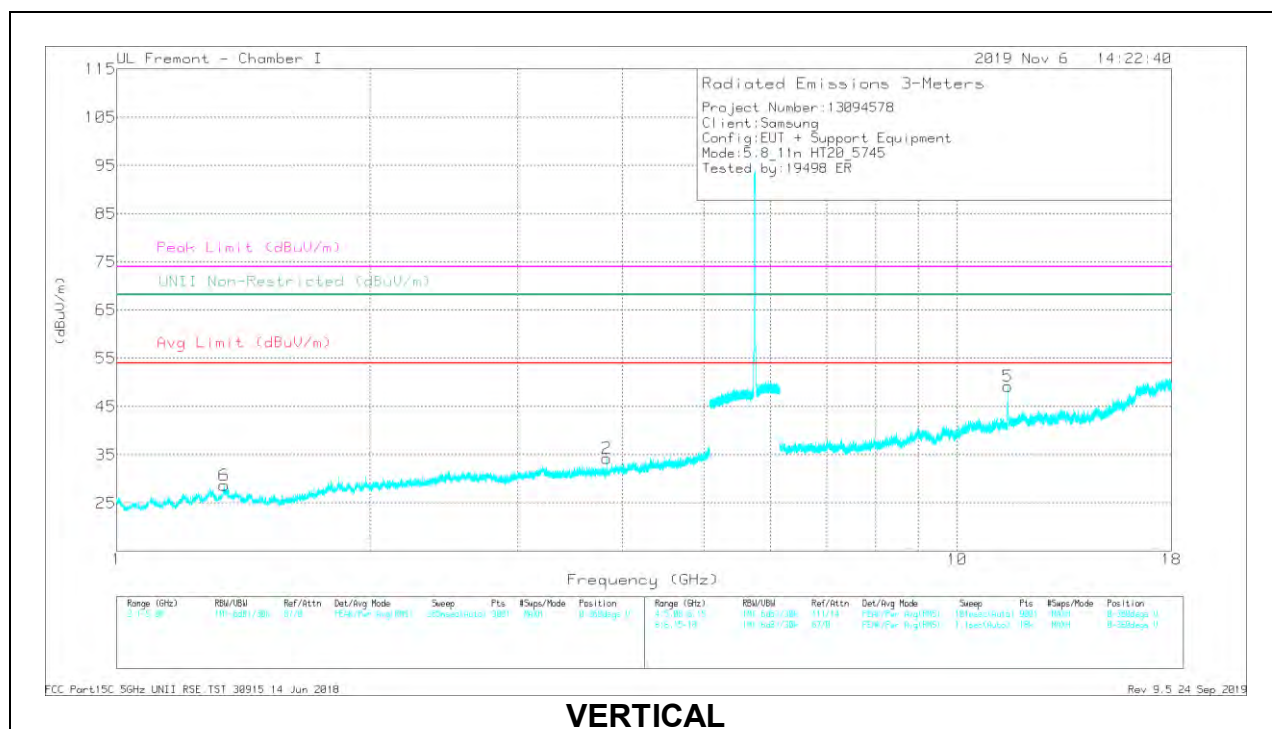
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

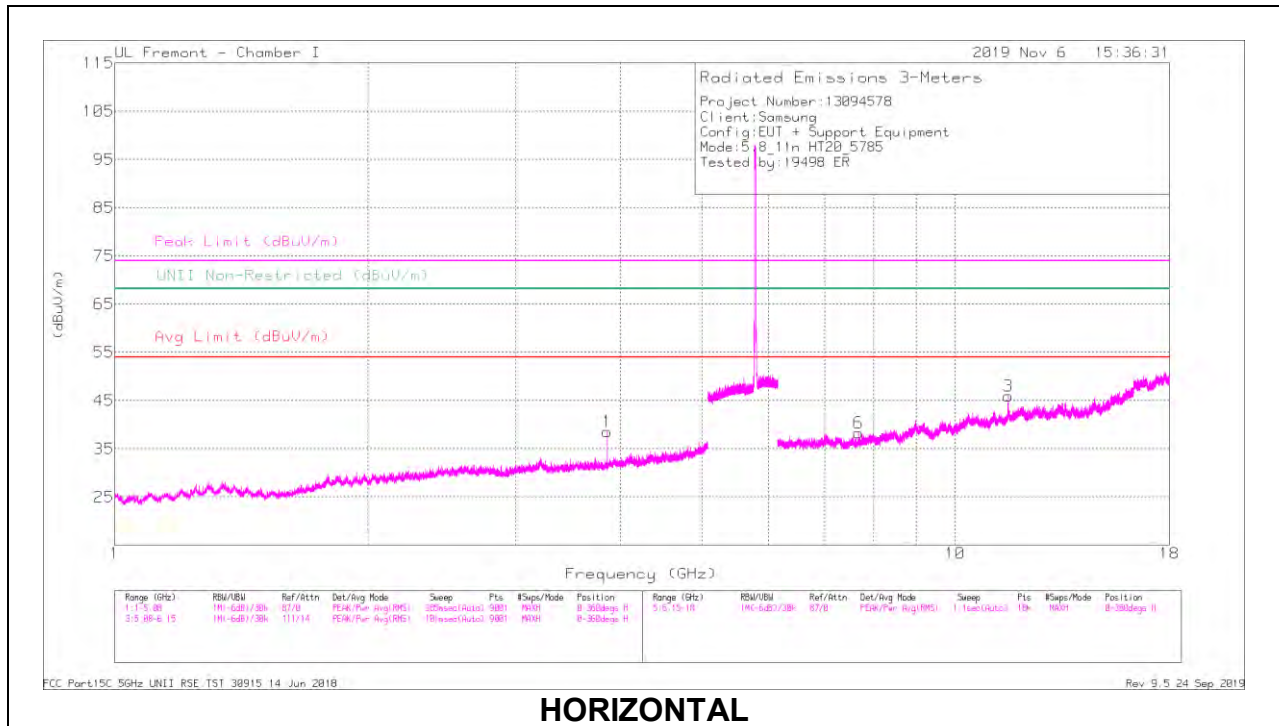
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.82992	38.23	PK-U	32.9	-28.2	0	42.93	-	-	74	-31.07	-	-	109	161	H
	* 3.83007	31.17	ADR	32.9	-28.2	.32	36.19	54	-17.81	-	-	-	-	109	161	H
2	* 3.83019	37.22	PK-U	32.9	-28.2	0	41.92	-	-	74	-32.08	-	-	142	104	V
	* 3.83009	28.05	ADR	32.9	-28.2	.32	33.07	54	-20.93	-	-	-	-	142	104	V
6	* 1.34547	36.87	PK-U	29.5	-31.9	0	34.47	-	-	74	-39.53	-	-	276	271	V
	* 1.34298	28.29	ADR	29.5	-32	.32	26.11	54	-27.89	-	-	-	-	276	271	V
3	* 11.49293	33.59	PK-U	38.2	-16.1	0	55.69	-	-	74	-18.31	-	-	110	113	H
	* 11.49029	22.2	ADR	38.2	-16.2	.32	44.52	54	-9.48	-	-	-	-	110	113	H
4	* 7.28813	28.59	PK-U	35.6	-18.6	0	45.59	-	-	74	-28.41	-	-	54	218	H
	* 7.29166	18.48	ADR	35.6	-18.5	.32	35.9	54	-18.1	-	-	-	-	54	218	H
5	* 11.49342	35.5	PK-U	38.2	-16.1	0	57.6	-	-	74	-16.4	-	-	180	101	V
	* 11.4905	24.53	ADR	38.2	-16.2	.32	46.85	54	-7.15	-	-	-	-	180	101	V

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

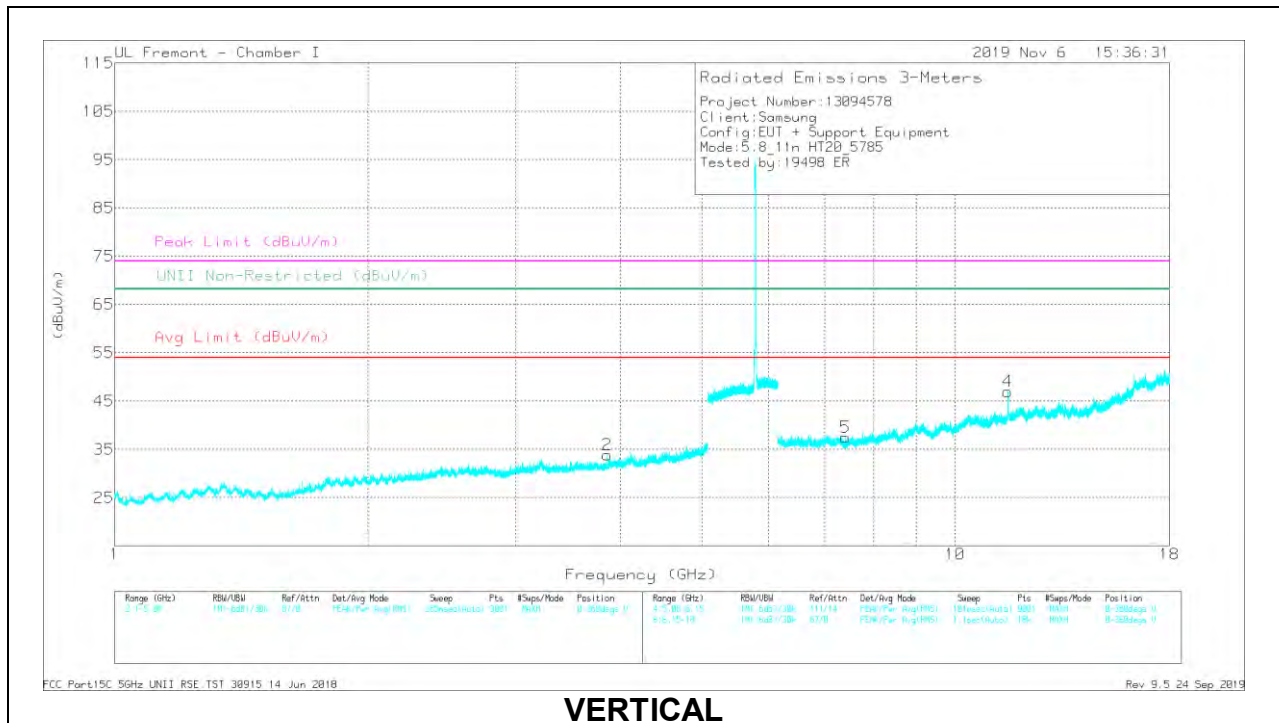
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



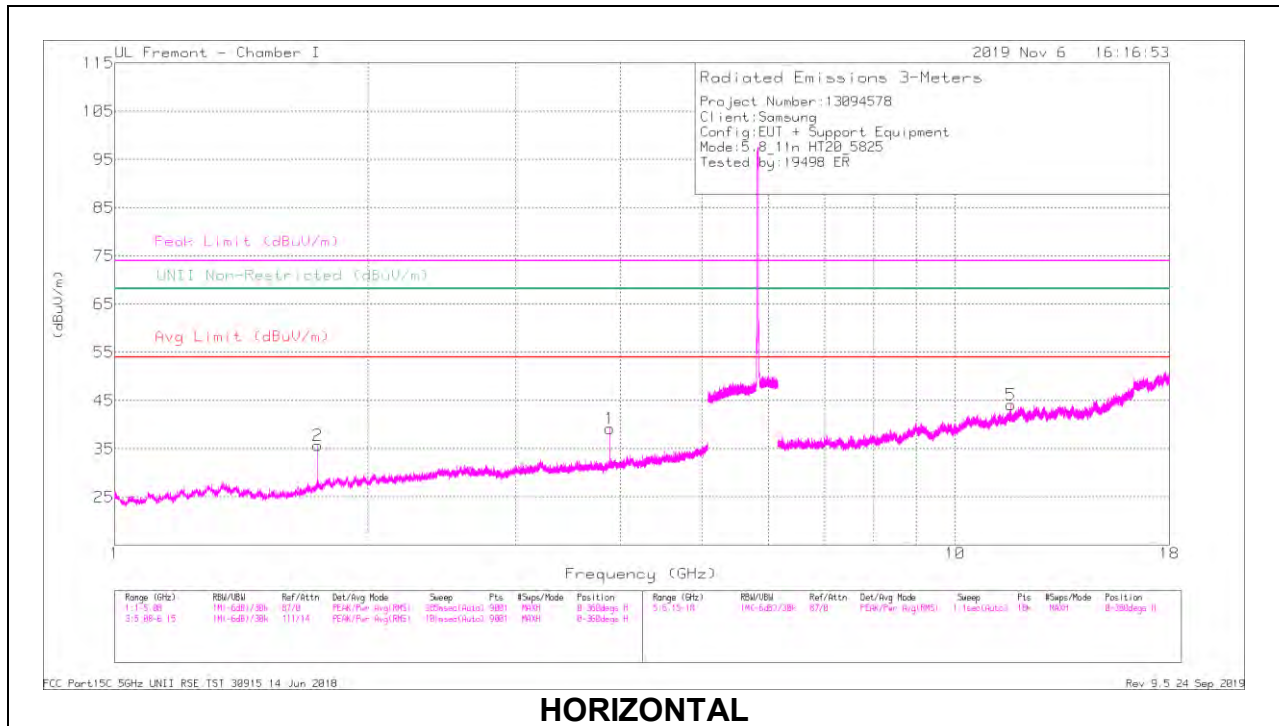
VERTICAL

RADIATED EMISSIONS

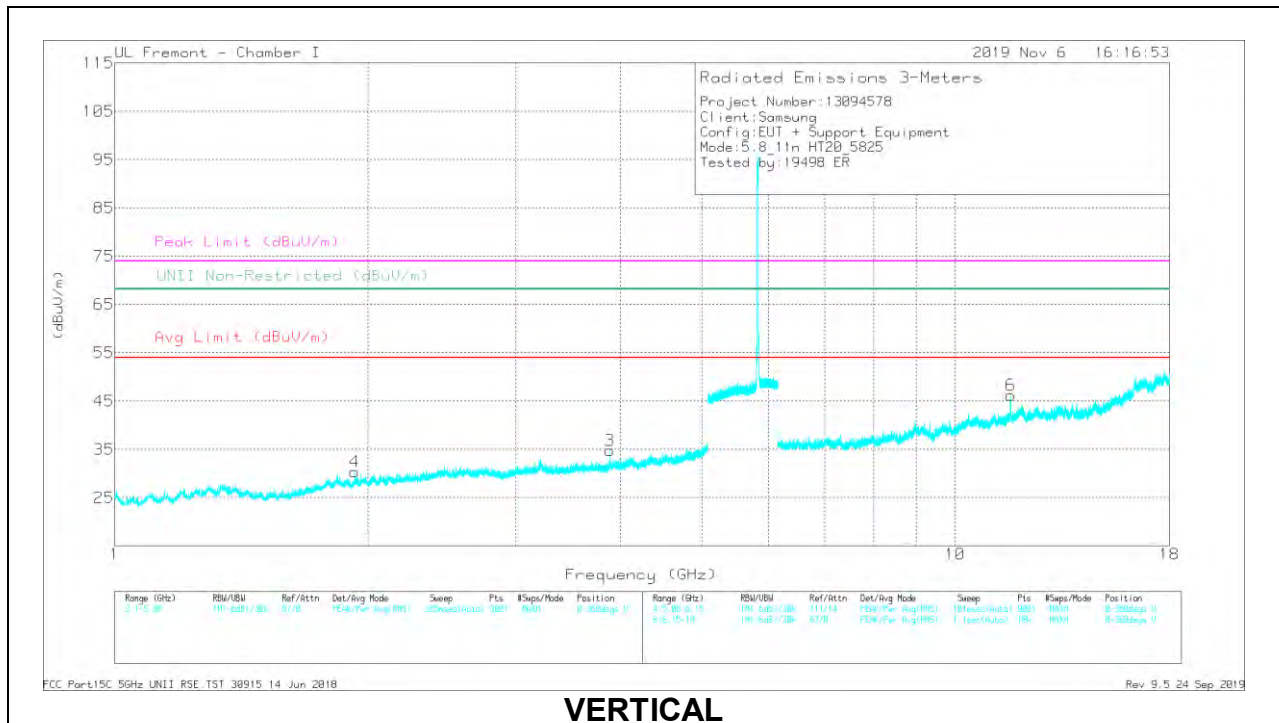
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*3.85688	37.21	PK-U	33.1	-27.7	0	42.61	-	-	74	-31.39	-	-	86	125	H
	*3.85673	30.77	ADR	33.1	-27.8	32	36.39	54	-17.61	-	-	-	-	86	125	H
	*3.85653	35.73	PK-U	33.1	-27.8	0	41.03	-	-	74	-32.97	-	-	153	101	V
2	*3.85673	28.29	ADR	33.1	-27.8	32	33.91	54	-20.09	-	-	-	-	153	101	V
	*11.56696	33.42	PK-U	38.4	-15.9	0	55.92	-	-	74	-18.08	-	-	258	108	H
	*11.57175	21.76	ADR	38.4	-15.9	32	44.58	54	-9.42	-	-	-	-	258	108	H
6	*7.68297	28.84	PK-U	35.6	-19.5	0	44.94	-	-	74	-29.06	-	-	177	161	H
	*7.68297	17.69	ADR	35.6	-19.5	32	34.11	54	-19.89	-	-	-	-	177	161	H
	*11.56535	35.27	PK-U	38.4	-15.9	0	57.77	-	-	74	-16.23	-	-	178	103	V
4	*11.56763	23.68	ADR	38.4	-16	32	46.4	54	-7.6	-	-	-	-	178	103	V
	*7.40931	28.36	PK-U	35.5	-20	0	43.86	-	-	74	-30.14	-	-	88	132	V
	*7.40952	17.75	ADR	35.5	-20	32	33.57	54	-20.43	-	-	-	-	88	132	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	* 3.88336	37.61	PK-U	33.1	-27.1	0	43.61	-	-	74	-30.39	-	-	85	101	H
	* 3.88339	31.03	ADR	33.1	-27.1	.32	37.35	54	-16.65	-	-	-	-	85	101	H
2	1.74343	36.32	PK-U	29.7	-31.4	0	34.62	-	-	-	-	68.2	-33.58	216	150	H
3	* 3.88327	35.73	PK-U	33.1	-27.1	0	41.73	-	-	74	-32.27	-	-	169	112	V
	* 3.88338	27.45	ADR	33.1	-27.1	.32	33.77	54	-20.23	-	-	-	-	169	112	V
4	1.93243	36.19	PK-U	30.7	-31	0	35.89	-	-	-	-	68.2	-32.31	44	232	V
5	* 11.64755	31.94	PK-U	38.4	-16.1	0	54.24	-	-	74	-19.76	-	-	252	108	H
	* 11.64931	20.63	ADR	38.4	-16.1	.32	43.25	54	-10.75	-	-	-	-	252	108	H
6	* 11.64811	34.27	PK-U	38.4	-16.1	0	56.57	-	-	74	-17.43	-	-	174	105	V
	* 11.65027	23.1	ADR	38.3	-16.2	.32	45.52	54	-8.48	-	-	-	-	174	105	V

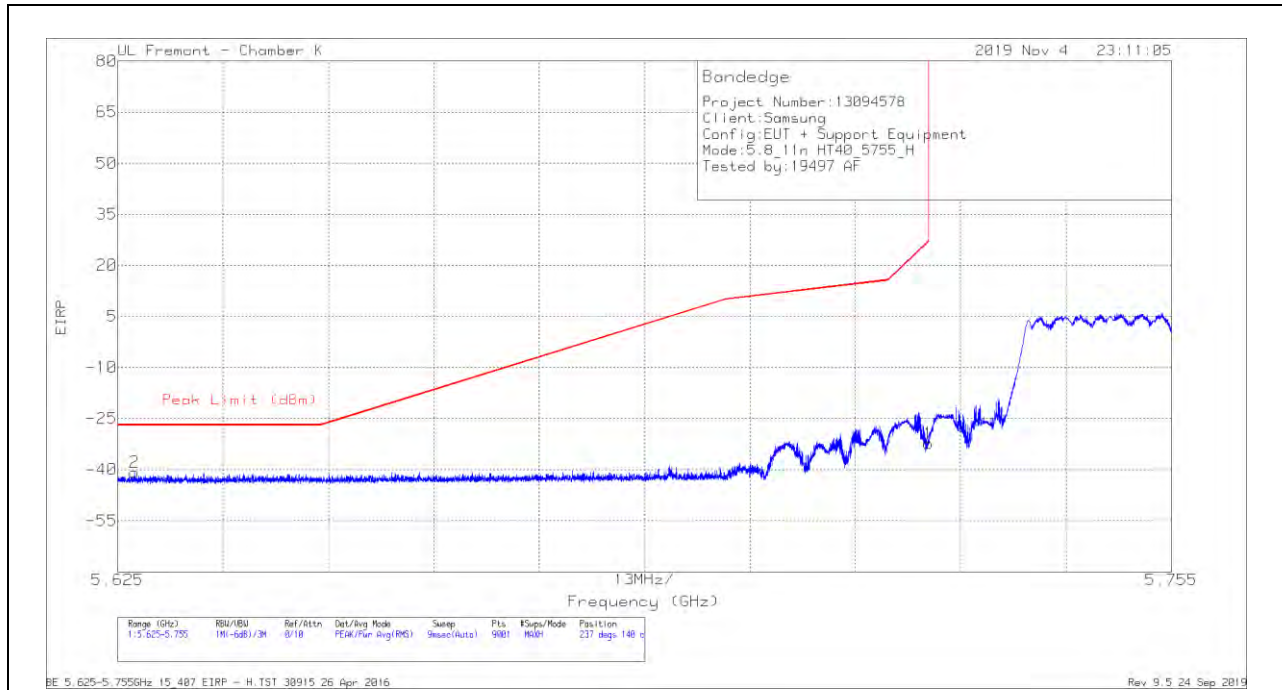
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

2TX Chain 0 + Chain 1 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

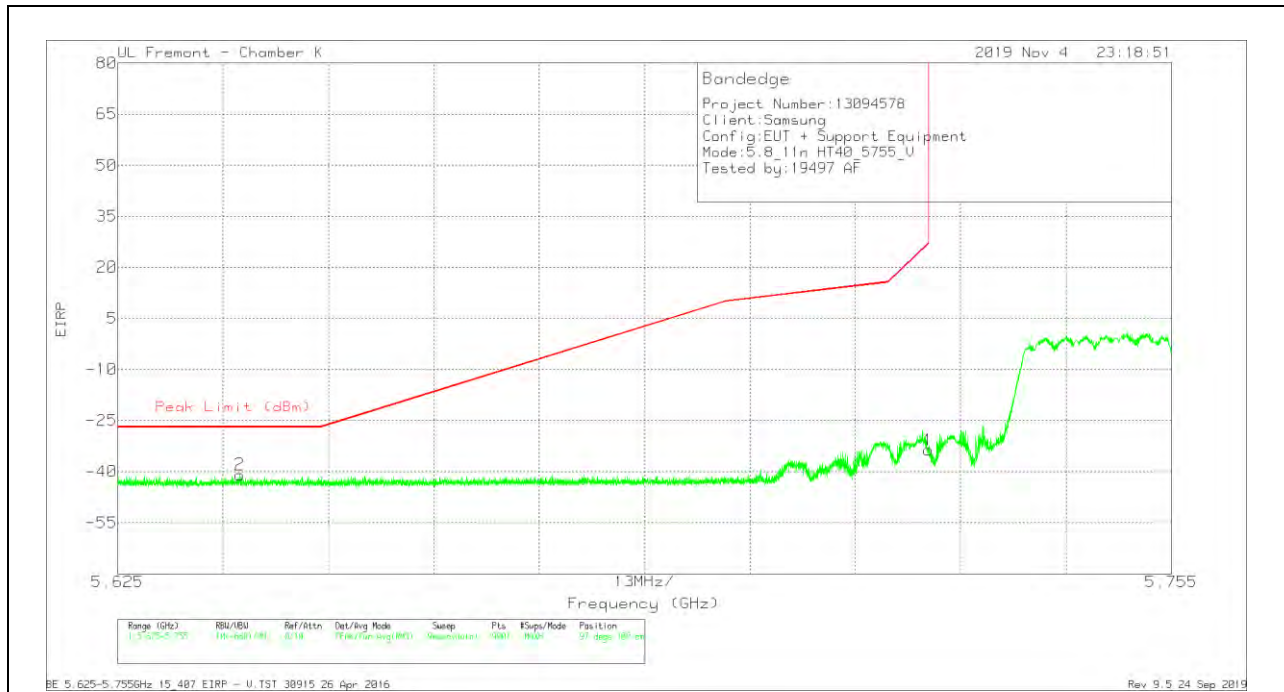


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF EMC4294 (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	-59.93	Pk	34.8	-19	11.8	0	-32.33	26.99	-59.32	237	140	H
2	5.62707	-67.83	Pk	34.8	-19.5	11.8	0	-40.73	-27	-13.73	237	140	H

Pk - Peak detector

VERTICAL RESULT



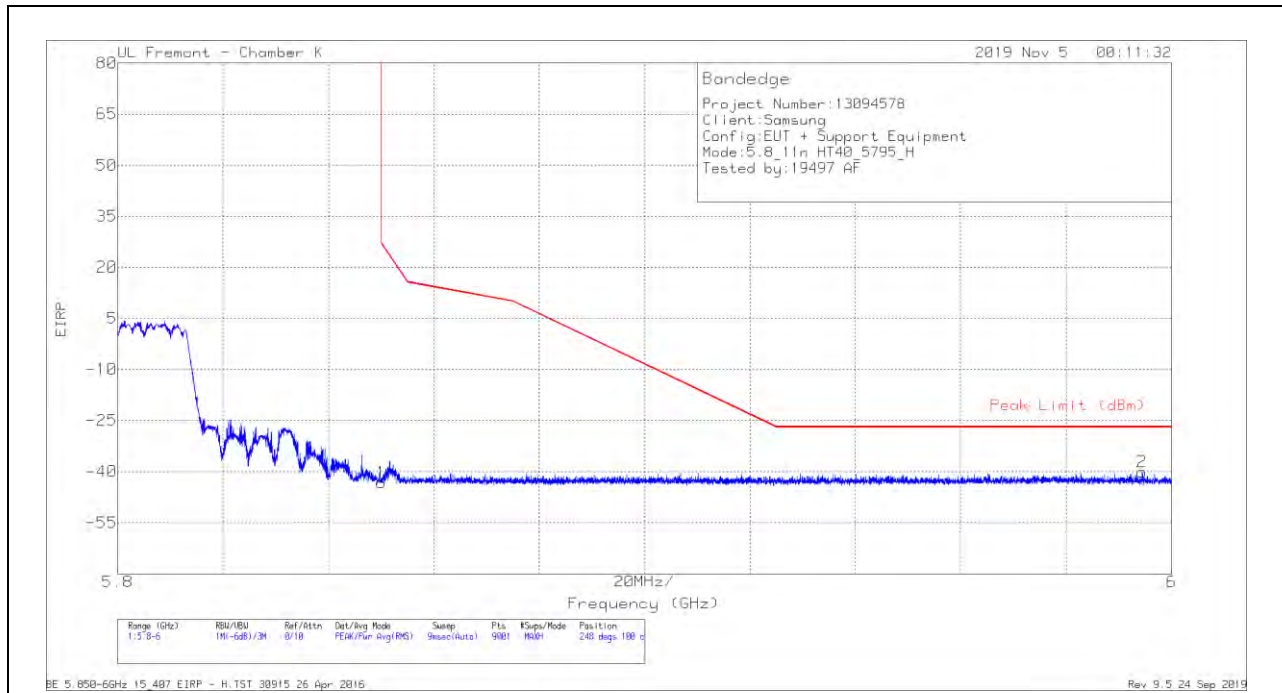
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF EMC4294 (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	-61.25	Pk	34.8	-19	11.8	0	-33.65	26.99	-60.64	97	108	V
2	5.64002	-68.09	Pk	34.8	-19.4	11.8	0	-40.89	-27	-13.89	97	108	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

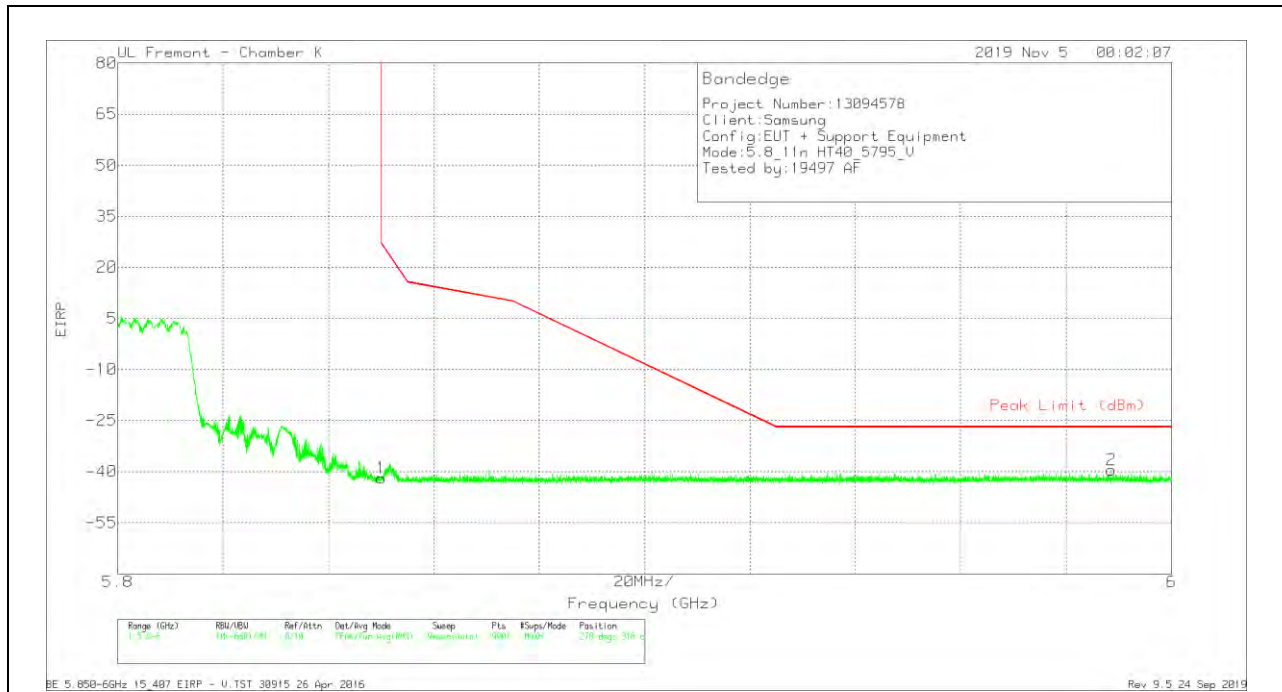


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF EMC4294 (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	-71.05	Pk	35	-18.9	11.8	0	-43.15	26.95	-70.1	248	100	H
2	5.99442	-68.53	Pk	35.2	-18.6	11.8	0	-40.13	-27	-13.13	248	100	H

Pk - Peak detector

VERTICAL RESULT



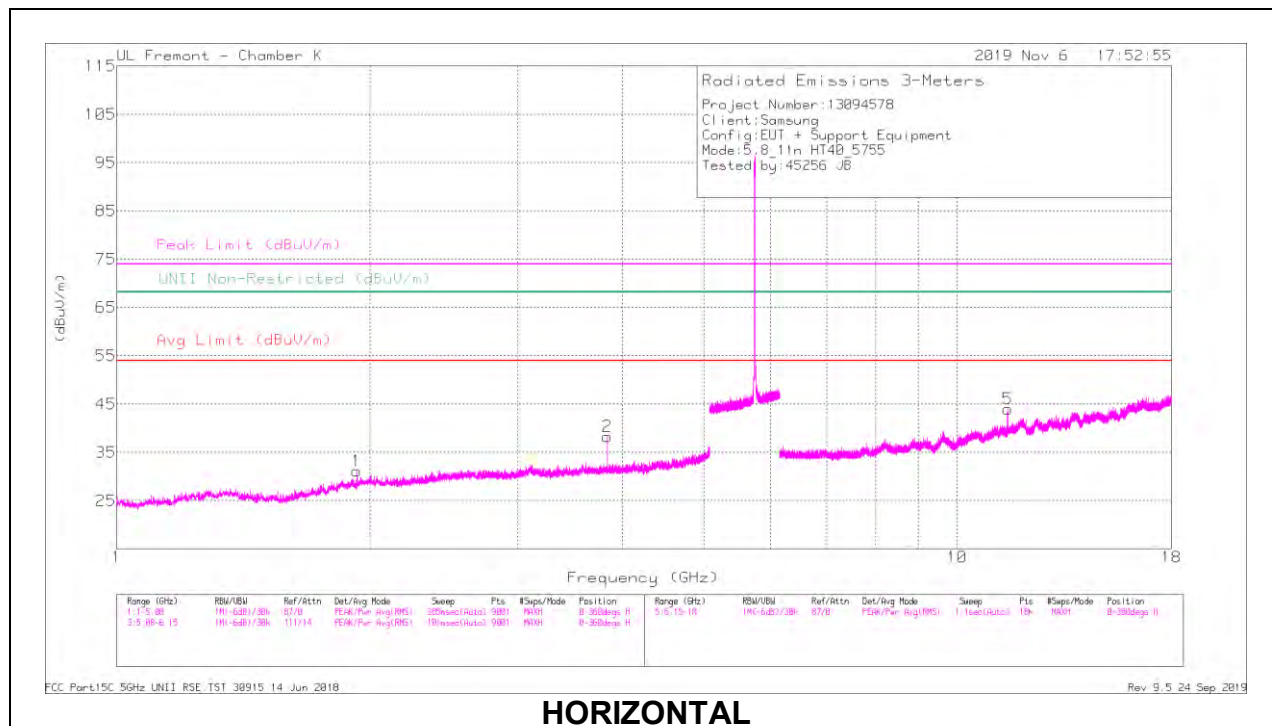
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF EMC4294 (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	-69.73	Pk	35	-18.9	11.8	0	-41.83	26.95	-68.78	278	318	V
2	5.98862	-67.94	Pk	35.1	-18.5	11.8	0	-39.54	-27	-12.54	278	318	V

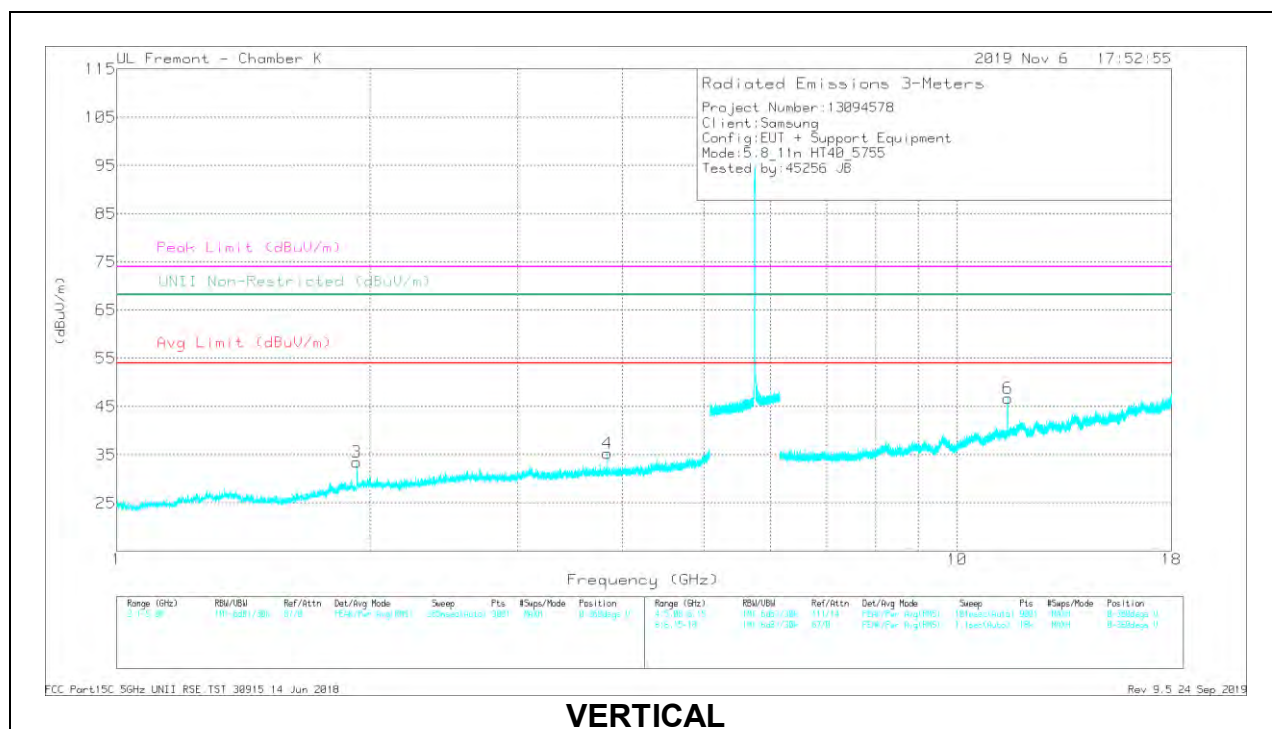
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



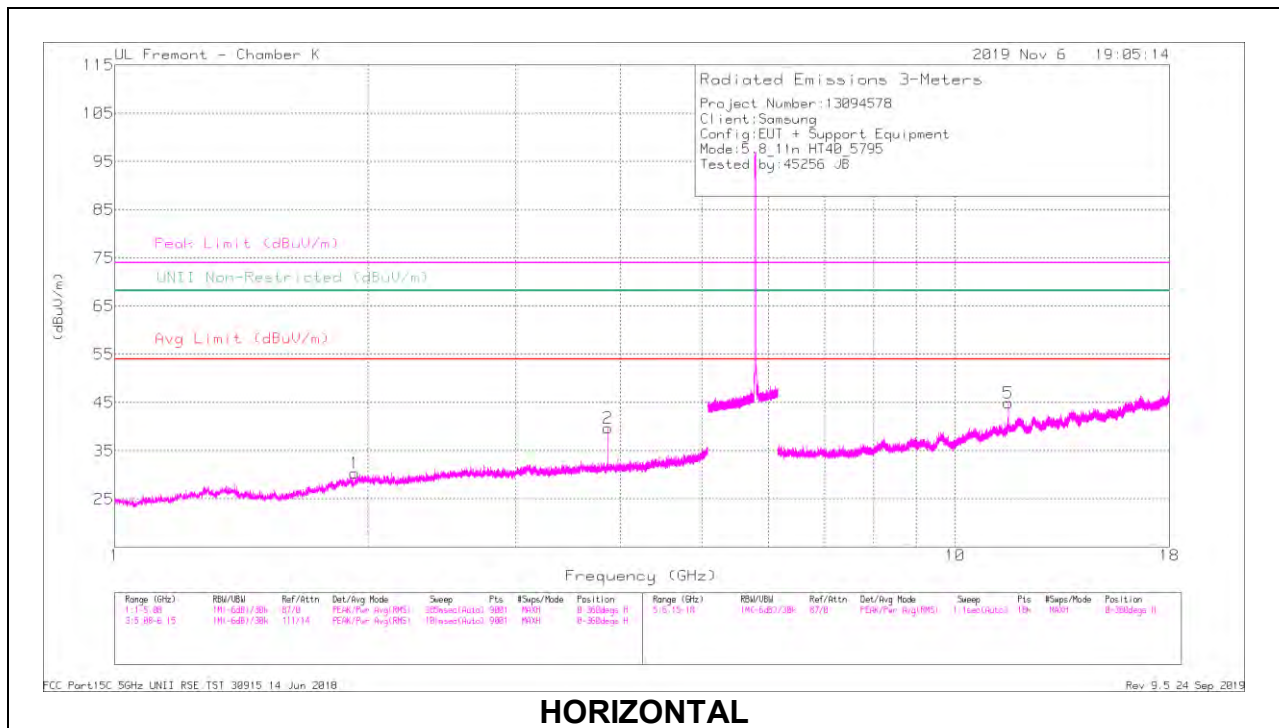
VERTICAL

RADIATED EMISSIONS

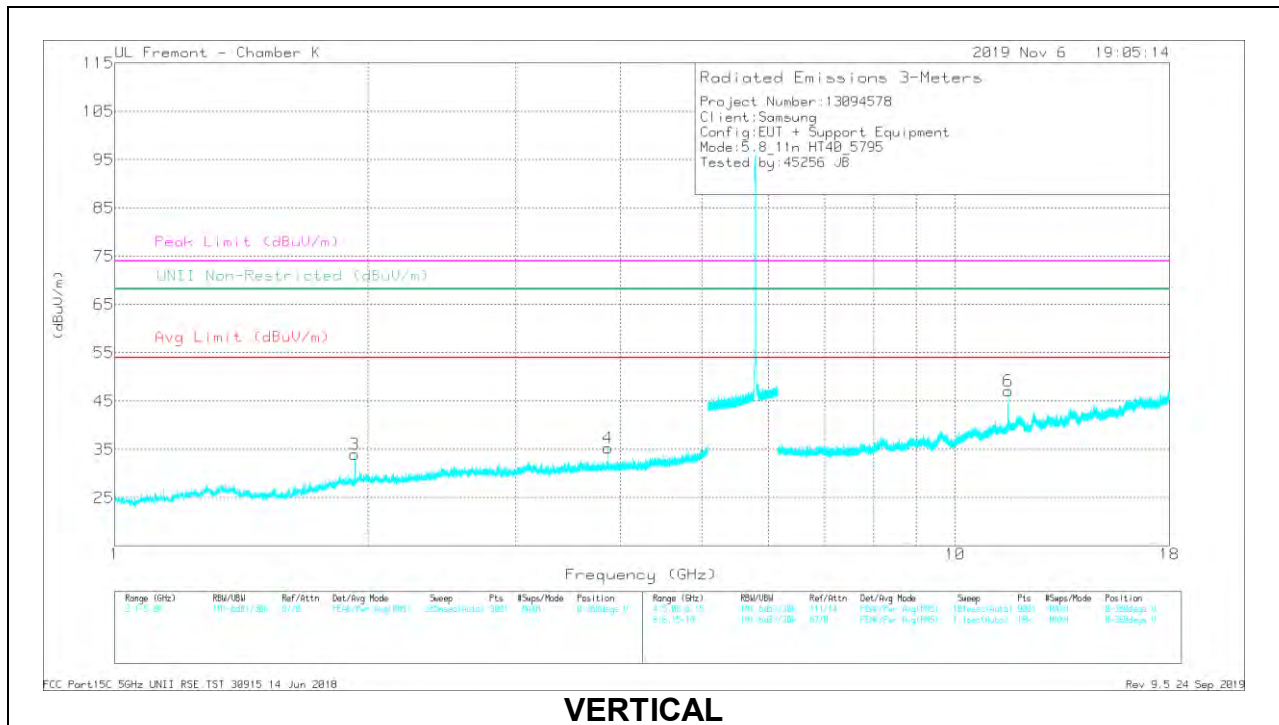
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.93163	42.67	PK-U	31.1	-35.2	0	38.57	-	-	-	-	68.2	-29.63	24	99	H
2	* 3.8367	41.32	PK-U	33.4	-31.8	0	42.92	-	-	74	-31.08	-	-	227	110	H
	* 3.83673	36.02	ADR	33.4	-31.8	.61	38.23	54	-15.77	-	-	-	-	227	110	H
3	1.93156	45.53	PK-U	31.1	-35.2	0	41.43	-	-	-	-	68.2	-26.77	36	111	V
4	* 3.83659	40.57	PK-U	33.4	-31.8	0	42.17	-	-	74	-31.83	-	-	275	249	V
	* 3.83674	33.92	ADR	33.4	-31.8	.61	36.13	54	-17.87	-	-	-	-	275	249	V
5	* 11.49584	35.59	PK-U	38.3	-21	0	52.89	-	-	74	-21.11	-	-	244	115	H
	* 11.49515	24.81	ADR	38.2	-21	.61	42.62	54	-11.38	-	-	-	-	244	115	H
6	* 11.48939	37.34	PK-U	38.3	-21	0	54.64	-	-	74	-19.36	-	-	276	106	V
	* 11.49068	26.98	ADR	38.3	-21	.61	44.89	54	-9.11	-	-	-	-	276	106	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/Filr/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	1.93175	43.72	PK-U	31.1	-35.2	0	39.62	-	-	-	-	68.2	-28.58	21	98	H
2	* 3.86342	41.75	PK-U	33.4	-31.8	0	43.35	-	-	74	-30.65	-	-	225	101	H
	* 3.86339	36.84	ADR	33.4	-31.8	.61	39.05	54	-14.95	-	-	-	-	225	101	H
3	1.93116	45.33	PK-U	31.1	-35.2	0	41.23	-	-	-	-	68.2	-26.97	264	107	V
4	* 3.86319	40.91	PK-U	33.4	-31.8	0	42.51	-	-	74	-31.49	-	-	277	245	V
	* 3.8634	34.16	ADR	33.4	-31.8	.61	36.37	54	-17.63	-	-	-	-	277	245	V
5	* 11.56957	35.13	PK-U	38.4	-20.9	0	52.63	-	-	74	-21.37	-	-	241	115	H
	* 11.57012	24.94	ADR	38.4	-20.9	.61	43.05	54	-10.95	-	-	-	-	241	115	H
6	* 11.56915	38.46	PK-U	38.4	-20.9	0	55.96	-	-	74	-18.04	-	-	277	95	V
	* 11.57015	28.19	ADR	38.4	-20.9	.61	46.3	54	-7.7	-	-	-	-	277	95	V

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

PK-U - U-NII: Maximum Peak

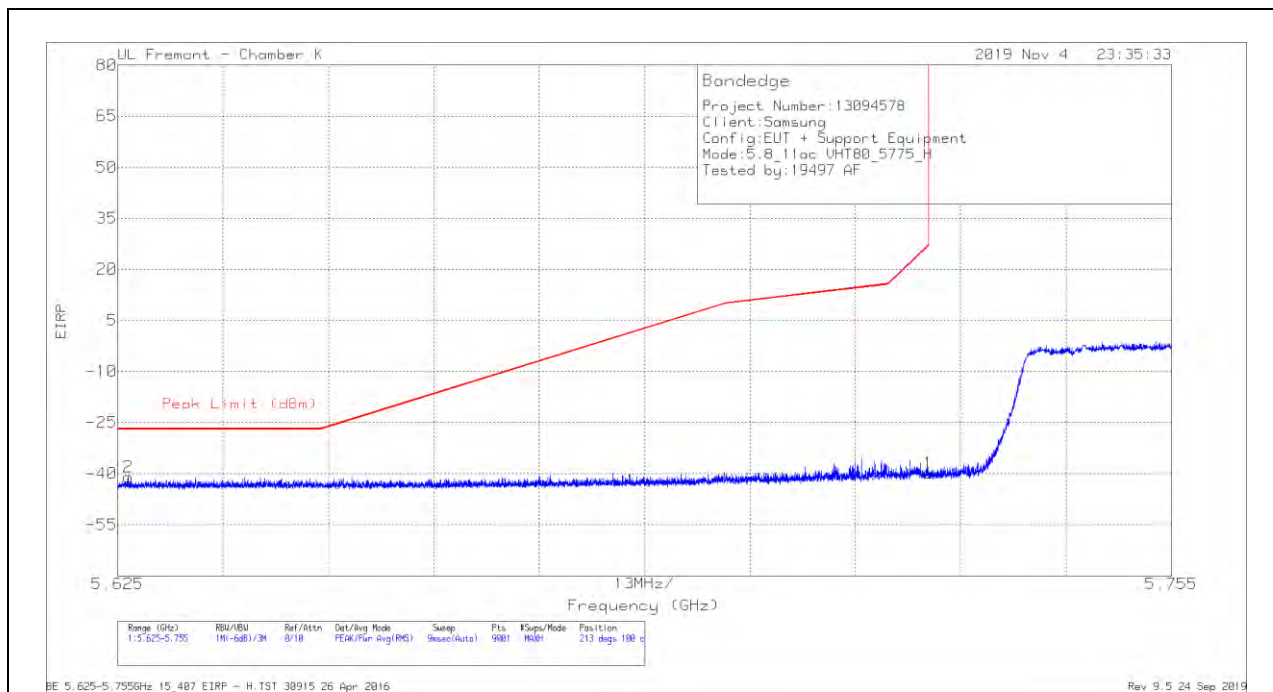
ADR - U-NII AD primary method, RMS average

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

2TX Chain 0 + Chain 1 CDD MODE

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT

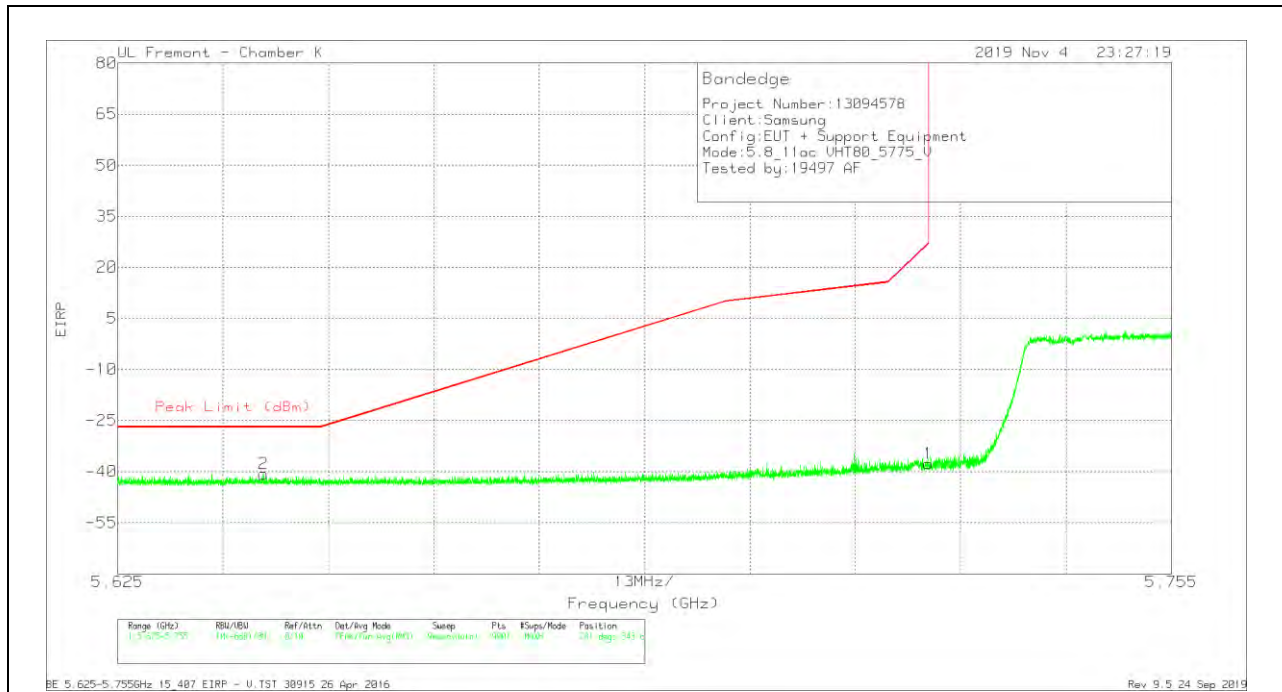


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF EMC4294 (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	-67.56	Pk	34.8	-19	11.8	0	-39.95	26.99	-66.94	213	100	H
2	5.62627	-68.12	Pk	34.8	-19.5	11.8	0	-41.02	-27	-14.02	213	100	H

Pk - Peak detector

VERTICAL RESULT



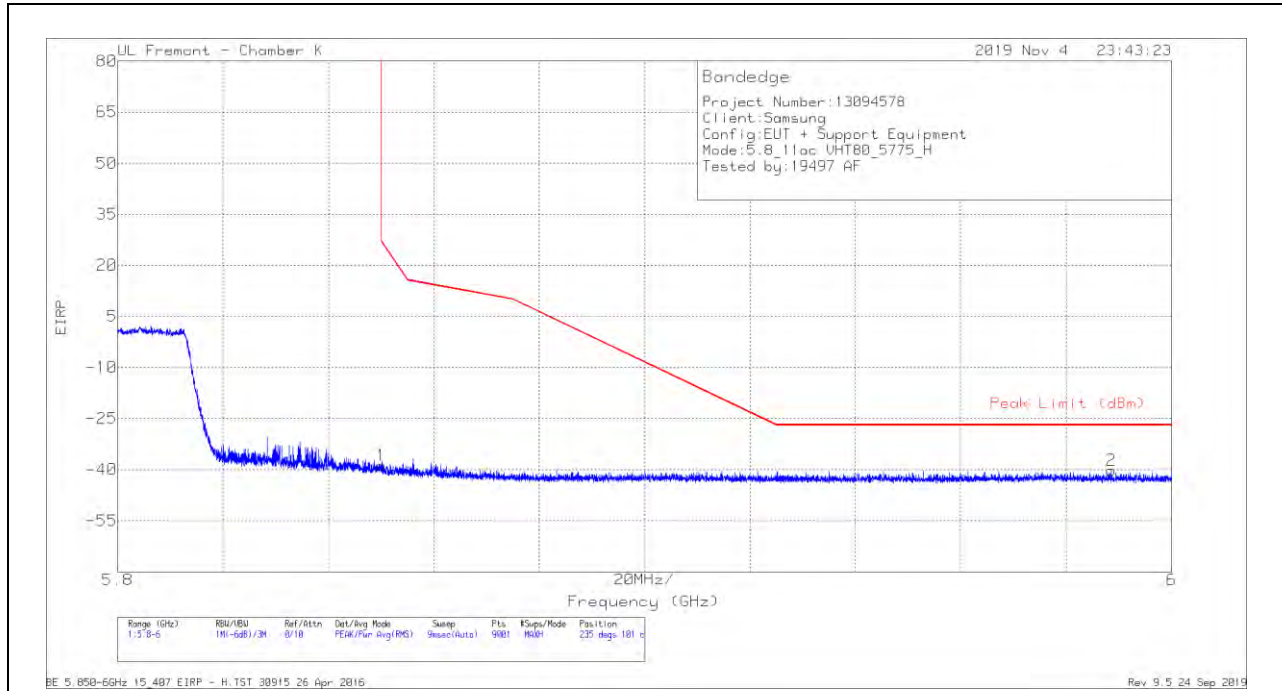
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF EMC4294 (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	-65.23	Pk	34.8	-19	11.8	0	-37.63	26.99	-64.62	281	343	V
2	5.64295	-68	Pk	34.9	-19.4	11.8	0	-40.7	-27	-13.7	281	343	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT

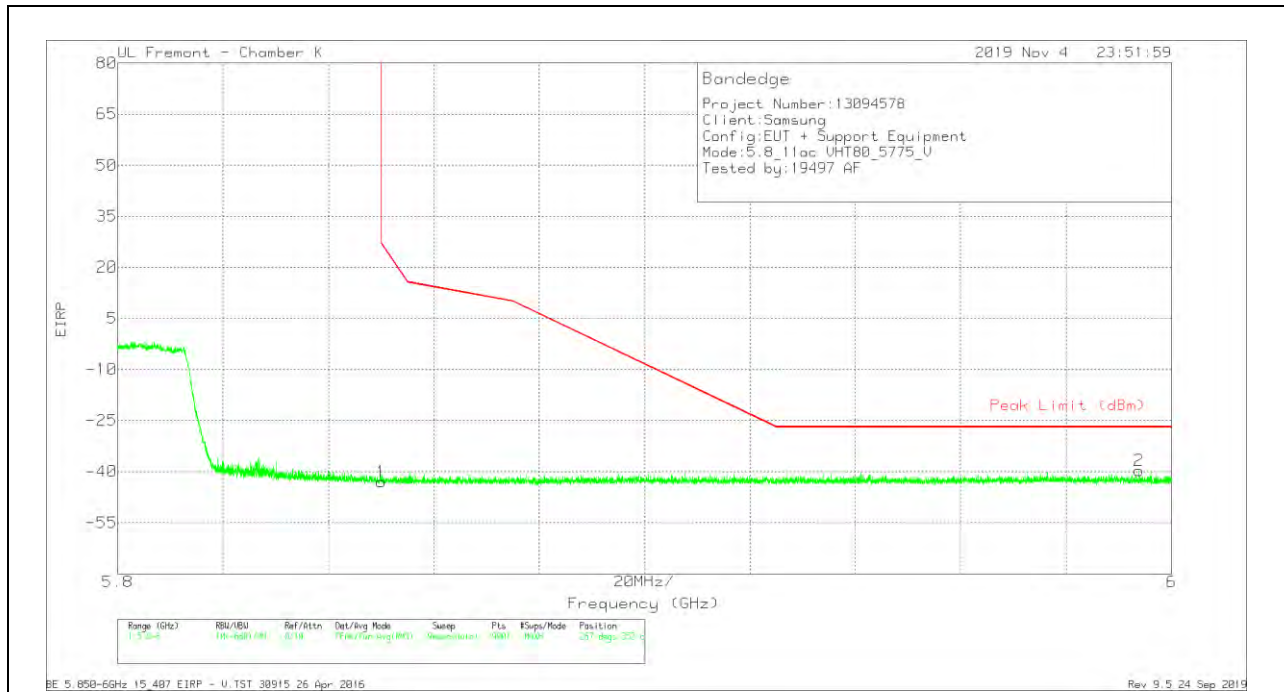


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF EMC4294 (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	-66.75	Pk	35	-18.9	11.8	0	-38.85	26.95	-65.8	235	101	H
2	5.9886	-68.59	Pk	35.1	-18.5	11.8	0	-40.19	-27	-13.19	235	101	H

Pk - Peak detector

VERTICAL RESULT



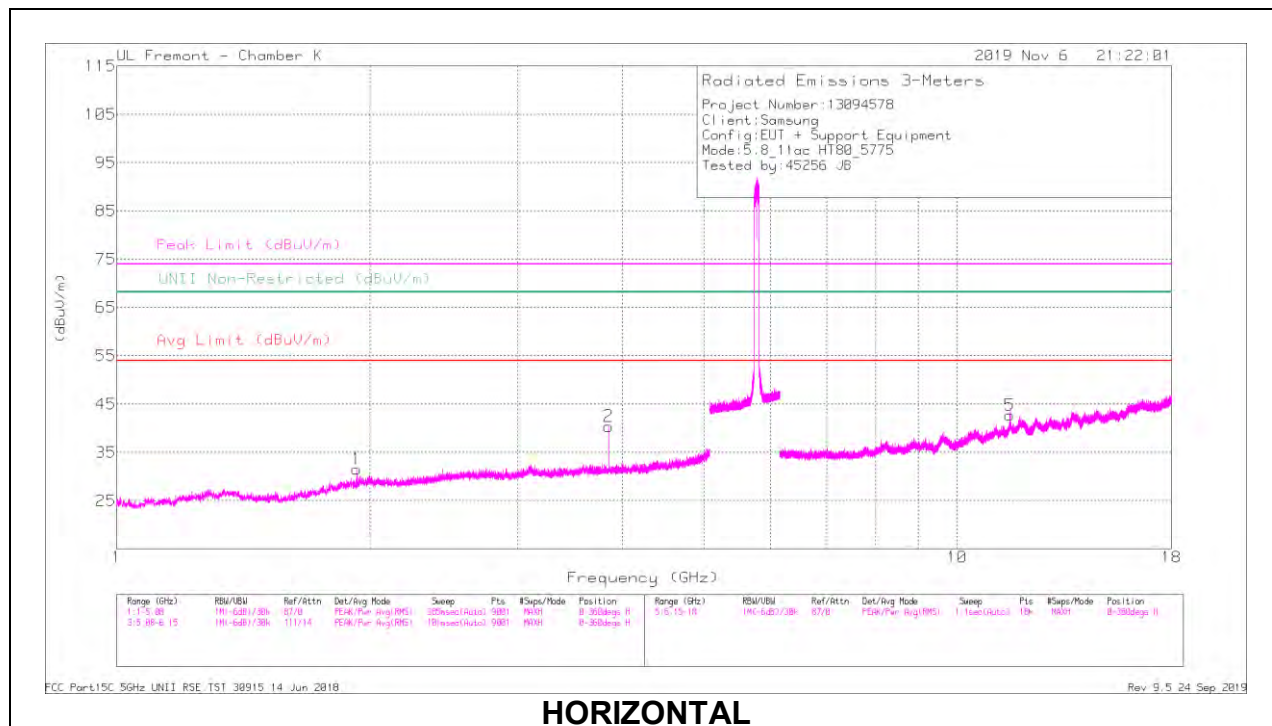
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF EMC4294 (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	-70.85	Pk	35	-18.9	11.8	0	-42.95	26.95	-69.9	267	352	V
2	5.99384	-68.12	Pk	35.2	-18.6	11.8	0	-39.72	-27	-12.72	267	352	V

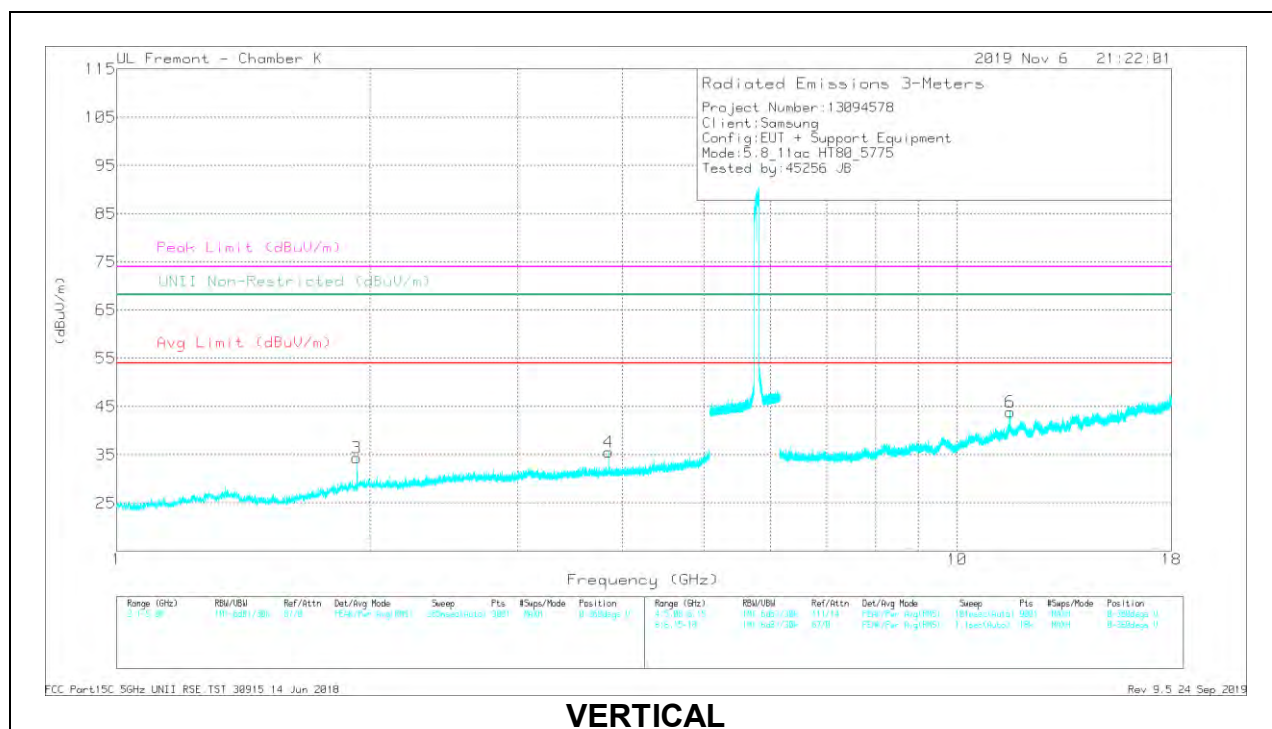
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filr/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	1.93233	42.66	PK-U	31.1	-35.2	0	38.56	-	-	-	-	68.2	-29.64	0	99	H
2	* 3.85	41.95	PK-U	33.4	-31.7	0	43.65	-	-	74	-30.35	-	-	220	121	H
	* 3.85002	35.29	ADR	33.4	-31.7	1.84	38.83	54	-15.17	-	-	-	-	220	121	H
3	1.93142	45.74	PK-U	31.1	-35.2	0	41.64	-	-	-	-	68.2	-26.56	265	112	V
4	* 3.85013	41.09	PK-U	33.4	-31.7	0	42.79	-	-	74	-31.21	-	-	278	95	V
	* 3.85002	33.89	ADR	33.4	-31.7	1.84	37.43	54	-16.57	-	-	-	-	278	95	V
5	* 11.56496	34.91	PK-U	38.4	-21	0	52.31	-	-	74	-21.69	-	-	242	106	H
	* 11.56484	21.62	ADR	38.4	-21	1.84	40.86	54	-13.14	-	-	-	-	242	106	H
6	* 11.57129	34.02	PK-U	38.4	-20.9	0	51.52	-	-	74	-22.48	-	-	201	112	V
	* 11.5713	22.7	ADR	38.4	-20.9	1.84	42.04	54	-11.96	-	-	-	-	201	112	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. SPURIOUS EMISSIONS FOR SIMULTANEOUS TRANSMISSION

SIMULTANEOUS TX CONDITIONS

Mode	# of TX	5GHz		2.4GHz		Test Case	802.11 Modes
		Chain 0	Chain 1	Chain 0	Chain 1		
		(Ant1)	(Ant2)	(Ant1)	(Ant2)		
5GHz+2.4GHz RSDB Only	4	A	A	B	B	1	2.4 GHz: n, g(CDD+STBC only) 5 GHz: n, ac, a(CDD+STBC only)
5GHz+2.4GHz RSDB&MIMO	3	A	A	B	-	2	2.4 GHz: b only 5 GHz: a, n, ac
	3	A	A	-	B	3	

A = 13.0 dBm

WORST TEST-CASE CONDITIONS

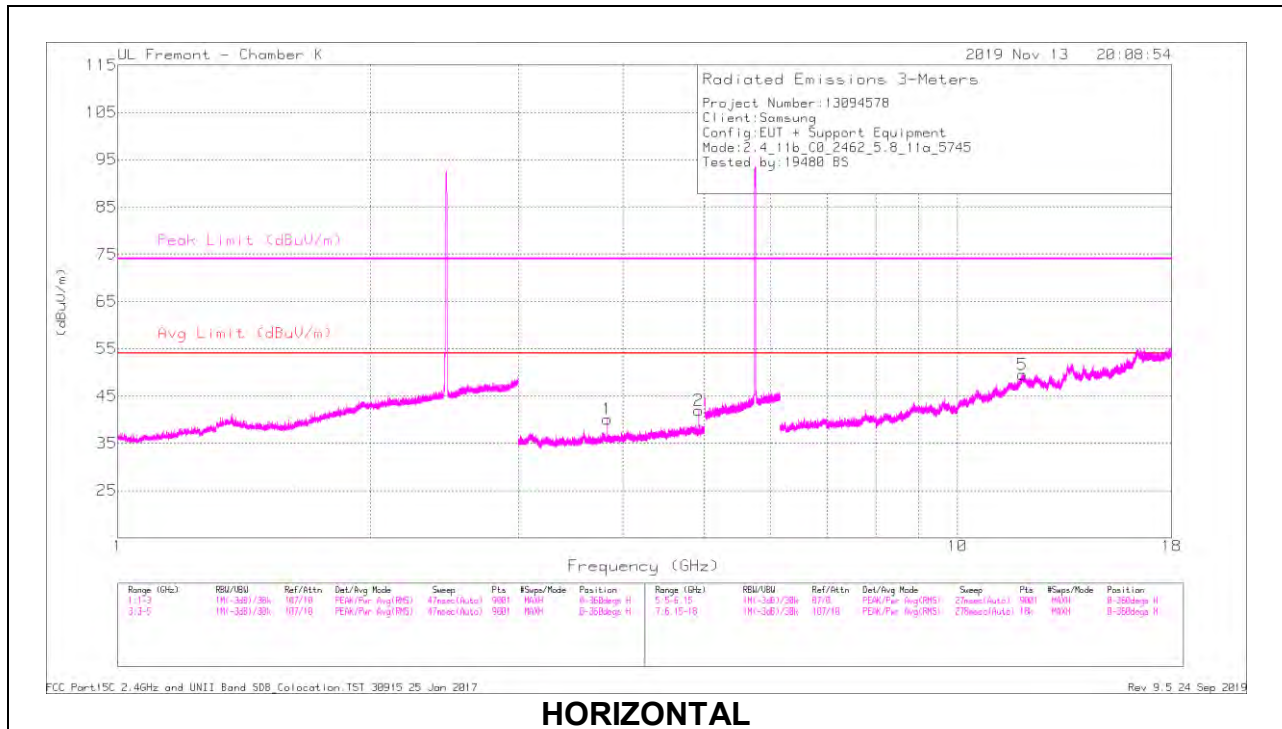
Across all UNII bands, 802.11a and 802.11 HT20 modes have the highest rated powers. 802.11a is selected as the worst-case mode, and a channel operating at the highest rated power on each antenna is used. No new emissions were observed and emissions levels observed during the stand-alone test condition were not increased.

Also 4 Tx condition can cover other RSDB and MIMO condition. So test lab. conducted the test on the condition of 1 Tx for each antenna and 4Tx MIMO antenna condition like below.

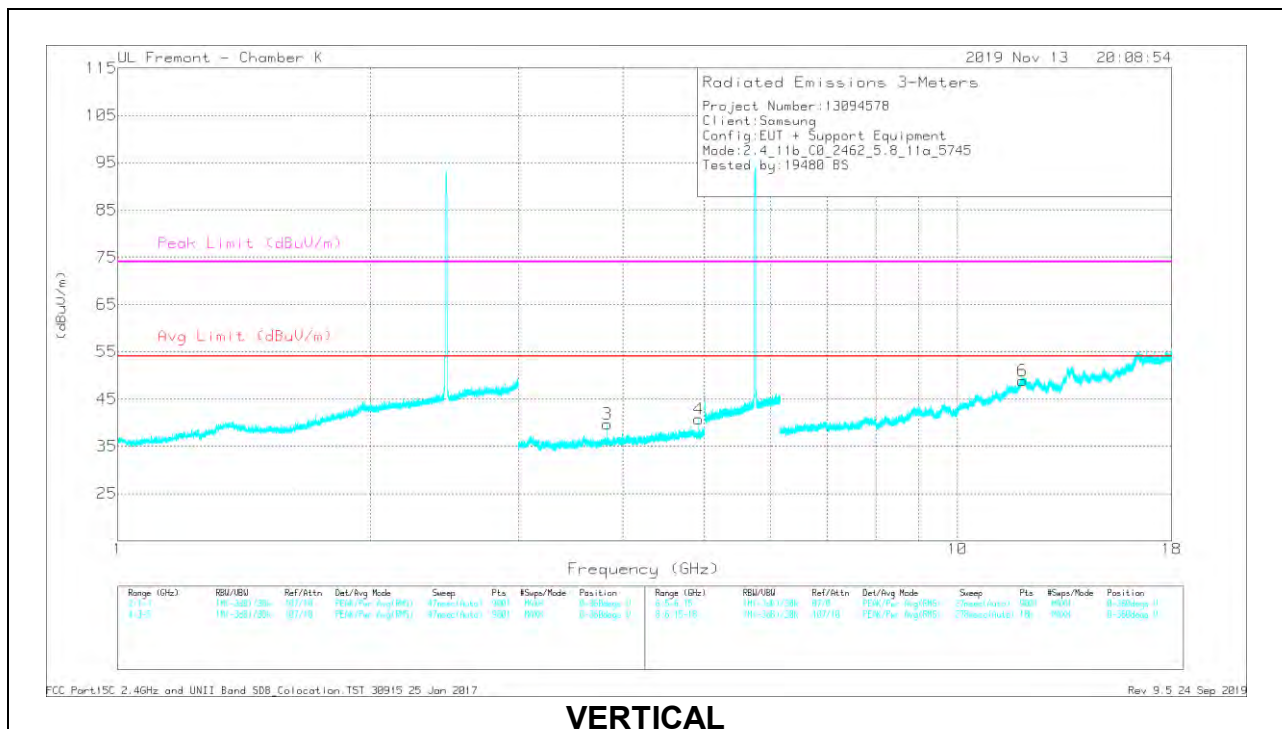
Test Case	Band (GHz)	Chain	Mode	Channel	Frequency	Power Setting
		(Antenna)			(MHz)	
1	5	MIMO	11a	149	5745	13
	2.4	MIMO	11g	6	2437	13
2	5	MIMO	11a	149	5745	13
	2.4	Chain 0	11b	11	2462	13
3	5	MIMO	11a	149	5745	13
	2.4	Chain 1	11b	11	2462	13

9.2.1. TEST CASE 1

Chain 0 802.11b Channel 11 + MIMO 802.11a Channel 149



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Filter (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.83022	36.07	Pk	33.3	-31.3	2	40.07	-	-	74	-33.93	0-360	200	H
2	* 4.92422	36.49	Pk	34.1	-30.6	2	41.99	-	-	74	-32.01	0-360	101	H
3	* 3.82978	35.69	Pk	33.3	-31.3	2	39.69	-	-	74	-34.31	0-360	100	V
4	* 4.92444	35.3	Pk	34.1	-30.6	2	40.8	-	-	74	-33.2	0-360	100	V
5	* 11.95947	30.45	Pk	38.8	-20.2	.5	49.55	-	-	74	-24.45	0-360	200	H
6	* 11.96737	29.78	Pk	38.8	-20.2	.5	48.88	-	-	74	-25.12	0-360	200	V

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

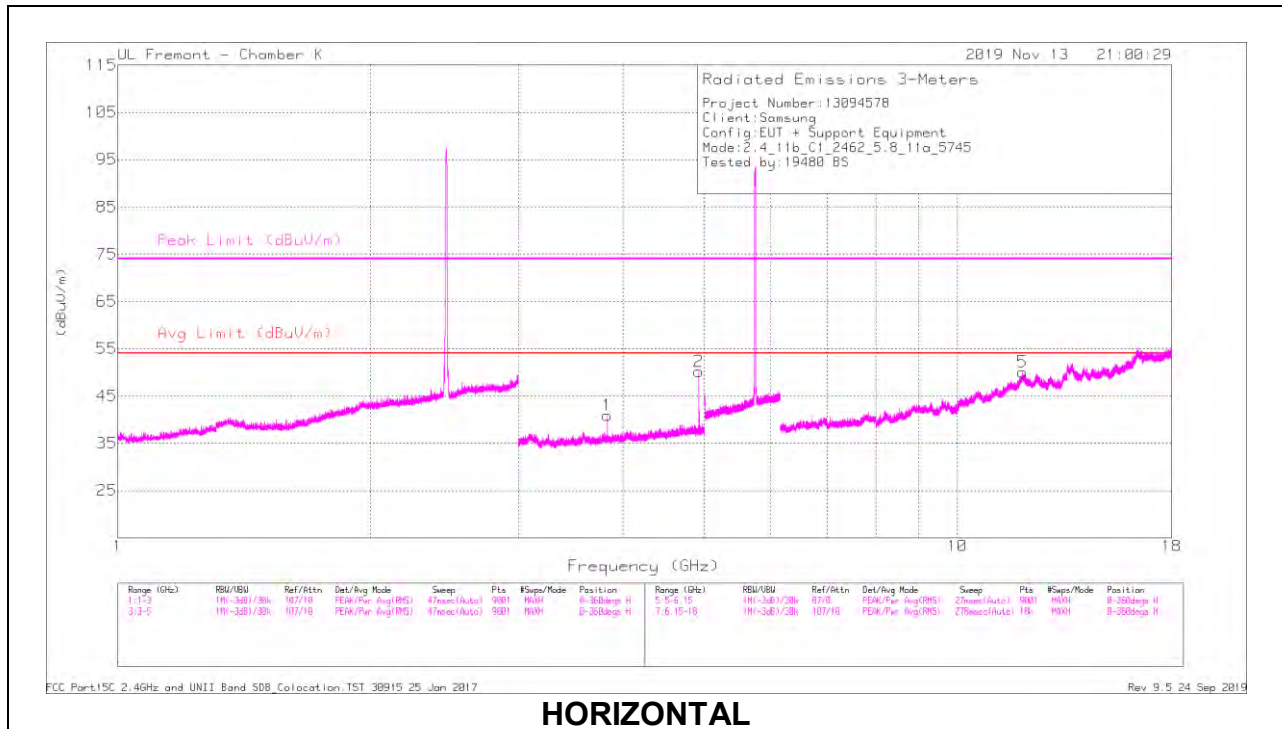
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Filter (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
* 4.92417	42.82	PK2	34.1	-30.6	2	0	48.32	-	-	74	-25.68	144	125	H
* 4.92419	35.4	MAv1	34.1	-30.6	2	0	40.9	54	-13.1	-	-	144	125	H
* 3.83016	43.01	PK-U	33.3	-31.3	2	0	47.01	-	-	74	-26.99	113	183	H
* 3.83015	36.04	ADR	33.3	-31.3	2	.3	40.34	54	-13.66	-	-	113	183	H
* 4.92437	42.49	PK2	34.1	-30.6	2	0	47.99	-	-	74	-26.01	86	98	V
* 4.92415	34.33	MAv1	34.1	-30.6	2	0	39.83	54	-14.17	-	-	86	98	V
* 3.83039	42.76	PK-U	33.3	-31.3	2	0	46.76	-	-	74	-27.24	75	126	V
* 3.83009	32.95	ADR	33.3	-31.3	2	.3	37.25	54	-16.75	-	-	75	126	V
* 11.9598	39.58	PK-U	38.8	-20.2	.5	0	58.68	-	-	74	-15.32	195	194	H
* 11.96427	27.66	ADR	38.8	-20.2	.5	.3	47.06	54	-6.94	-	-	195	194	H
* 11.96676	39.74	PK-U	38.8	-20.2	.5	0	58.84	-	-	74	-15.16	298	347	V
* 11.96653	27.77	ADR	38.8	-20.2	.5	.3	47.17	54	-6.83	-	-	298	347	V

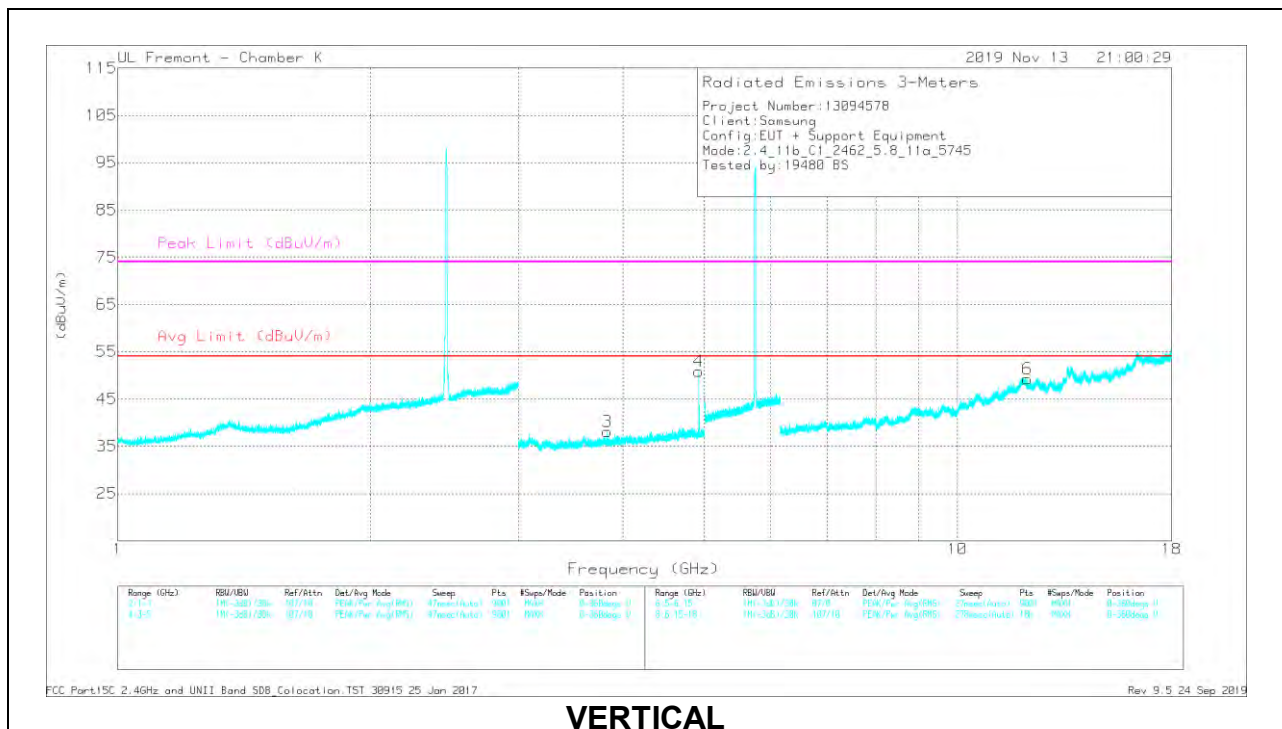
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak
 MAV1 - KDB558074 Option 1 Maximum RMS Average
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

9.2.2. TEST CASE 2

Chain 1 802.11b Channel 11 + MIMO 802.11a Channel 149



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Filter (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.83022	36.88	Pk	33.3	-31.3	2	40.88	-	-	74	-33.12	0-360	200	H
2	* 4.92422	44.65	Pk	34.1	-30.6	2	50.15	-	-	74	-23.85	0-360	101	H
3	* 3.83	34.15	Pk	33.3	-31.3	2	38.15	-	-	74	-35.85	0-360	101	V
4	* 4.92422	45.4	Pk	34.1	-30.6	2	50.9	-	-	74	-23.1	0-360	101	V
5	* 11.9542	31.01	Pk	38.7	-20.2	.5	50.01	-	-	74	-23.99	0-360	200	H
6	* 12.13524	30.38	Pk	38.9	-20.5	.5	49.28	-	-	74	-24.72	0-360	101	V

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

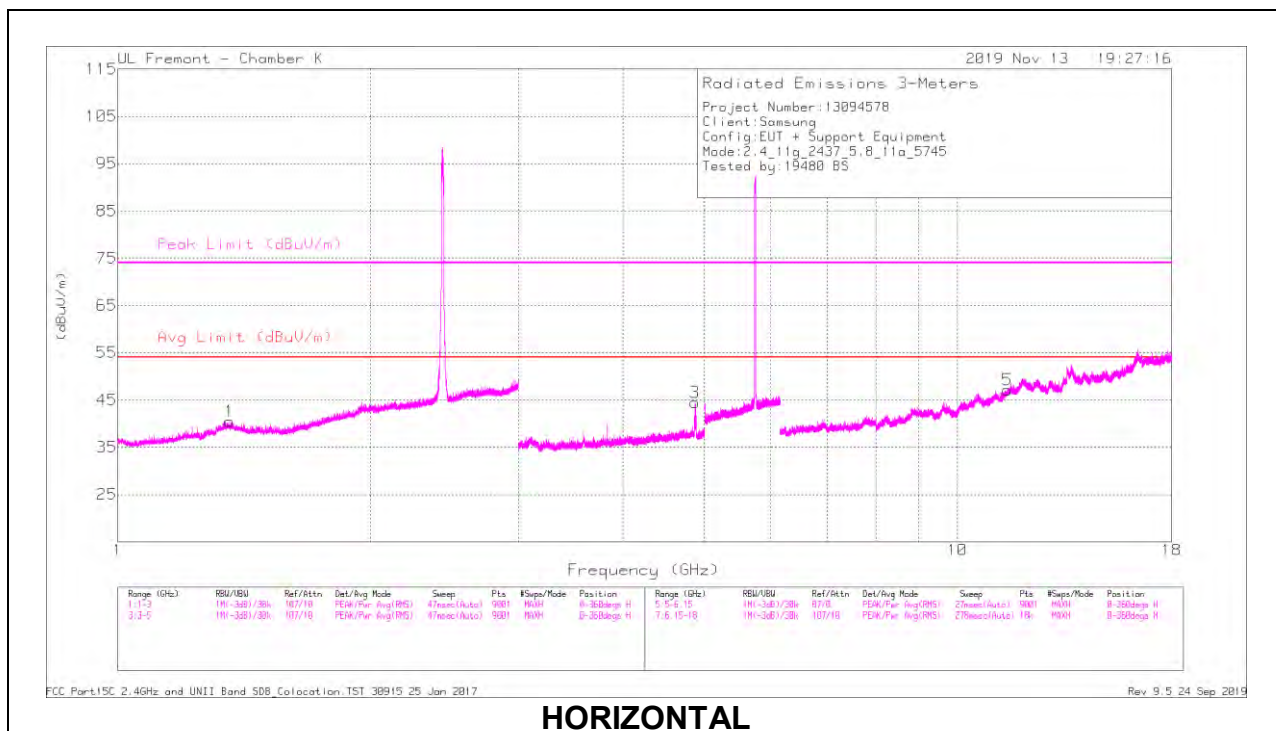
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Filter (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
* 4.92413	48.84	PK2	34.1	-30.6	2	0	54.34	-	-	74	-19.66	323	194	H
* 4.92417	45.05	MAv1	34.1	-30.6	2	0	50.55	54	-3.45	-	-	323	194	H
* 3.83013	42.8	PK-U	33.3	-31.3	2	0	46.8	-	-	74	-27.2	113	121	H
* 3.83011	35.26	ADR	33.3	-31.3	2	.3	39.56	54	-14.44	-	-	113	121	H
* 4.92415	49.21	PK2	34.1	-30.6	2	0	54.71	-	-	74	-19.29	151	95	V
* 4.92417	45.04	MAv1	34.1	-30.6	2	0	50.54	54	-3.46	-	-	151	95	V
* 3.83022	41.8	PK-U	33.3	-31.3	2	0	45.8	-	-	74	-28.2	71	110	V
* 3.83013	34.09	ADR	33.3	-31.3	2	.3	38.39	54	-15.61	-	-	71	110	V
* 11.95473	37.49	PK-U	38.8	-20.2	.5	0	56.59	-	-	74	-17.41	292	329	H
* 11.9562	27.34	ADR	38.8	-20.2	.5	.3	46.74	54	-7.26	-	-	292	329	H
* 12.13525	36.96	PK-U	38.9	-20.5	.5	0	55.86	-	-	74	-18.14	25	297	V
* 12.13584	26.9	ADR	38.9	-20.5	.5	.3	46.1	54	-7.9	-	-	25	297	V

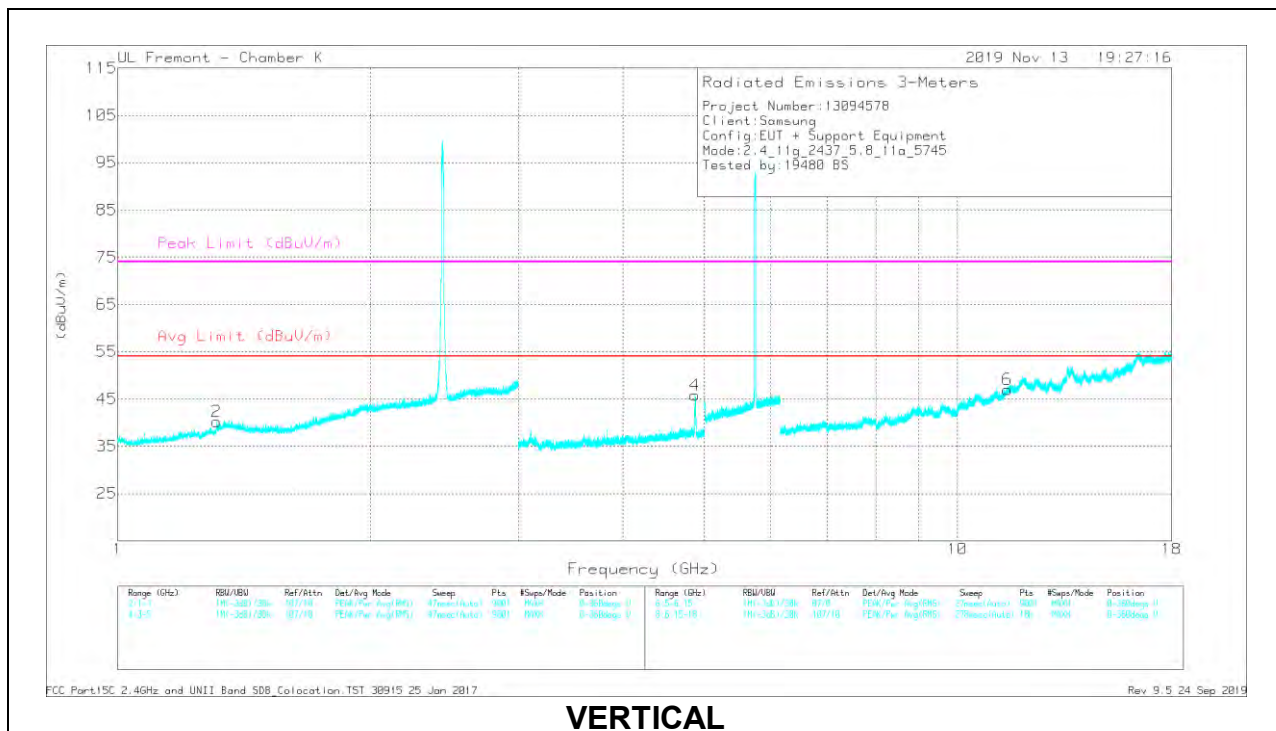
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

9.2.3. TEST CASE 3

MIMO 802.11g Channel 6 + MIMO 802.11a Channel 149



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Filter (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.35956	27.4	Pk	29.5	-16.9	.5	40.5	-	-	74	-33.5	0-360	200	H
2	* 1.31089	27.59	Pk	29.2	-17.1	.5	40.19	-	-	74	-33.81	0-360	200	V
3	* 4.87422	38.74	Pk	34.2	-30.5	2	44.44	-	-	74	-29.56	0-360	200	H
4	* 4.87022	40.25	Pk	34.1	-30.5	2	45.85	-	-	74	-28.15	0-360	101	V
5	* 11.48484	29.48	Pk	38.3	-21.1	.5	47.18	-	-	74	-26.82	0-360	100	H
6	* 11.48616	29.27	Pk	38.3	-21.1	.5	46.97	-	-	74	-27.03	0-360	101	V

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

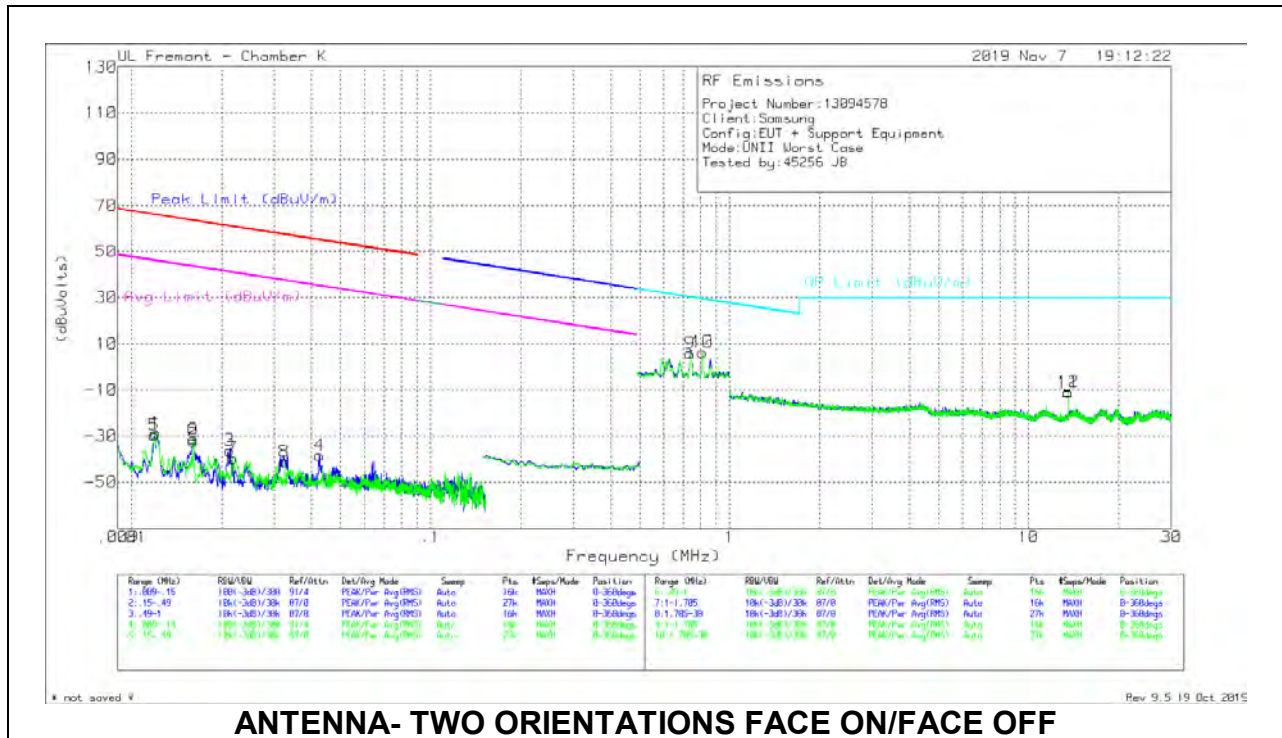
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Filter (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
* 1.35758	35.4	PK-U	29.6	-16.9	.5	0	48.6	-	-	74	-25.4	50	251	H
* 1.36145	24.38	ADR	29.5	-16.8	.5	.3	37.88	54	-16.12	-	-	50	251	H
* 1.31289	35.46	PK-U	29.1	-17.1	.5	0	47.96	-	-	74	-26.04	328	180	V
* 1.31058	24.55	ADR	29.2	-17.1	.5	.3	37.45	54	-16.55	-	-	328	180	V
* 4.87554	46.26	PK2	34.2	-30.5	2	0	51.96	-	-	74	-22.04	341	100	H
* 4.87488	35.78	MAv1	34.2	-30.5	2	0	41.48	54	-12.52	-	-	341	100	H
* 4.87322	48.8	PK2	34.1	-30.5	2	0	54.4	-	-	74	-19.6	149	115	V
* 4.87209	36.74	MAv1	34.1	-30.5	2	0	42.34	54	-11.66	-	-	149	115	V
* 11.48574	39.08	PK-U	38.3	-21.1	.5	0	56.78	-	-	74	-17.22	301	300	H
* 11.48496	27.27	ADR	38.3	-21.1	.5	.3	45.27	54	-8.73	-	-	301	300	H
* 11.48243	38.59	PK-U	38.3	-21.1	.5	0	56.29	-	-	74	-17.71	298	99	V
* 11.48637	27.44	ADR	38.3	-21.1	.5	.3	45.44	54	-8.56	-	-	298	99	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

9.3. WORST CASE BELOW 30MHZ

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



ANTENNA- TWO ORIENTATIONS FACE ON/FACE OFF

Below 30MHz Data

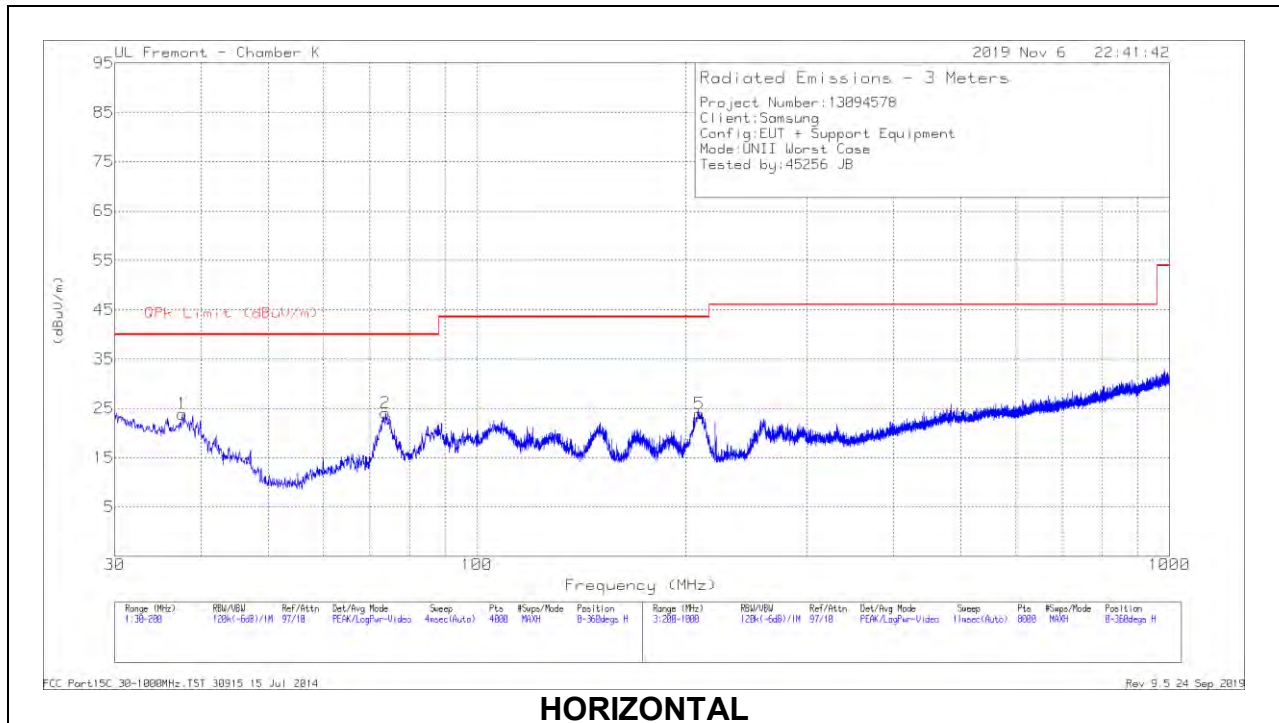
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (ACF)	Cables w/ PRE0186650	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.01202	23.23	Pk	59.9	-31.8	-80	-28.67	65.99	-94.66	45.99	-74.66	0-360
2	.01612	20.42	Pk	59.3	-31.9	-80	-32.18	63.44	-95.62	43.44	-75.62	0-360
3	.02132	17.17	Pk	58.7	-32.1	-80	-36.23	61.01	-97.24	41.01	-77.24	0-360
4	.04247	16.79	Pk	57	-32.2	-80	-38.41	55.02	-93.43	35.02	-73.43	0-360
5	.0119	22.35	Pk	59.9	-31.8	-80	-29.55	66.08	-95.63	46.08	-75.63	0-360
6	.01612	21.36	Pk	59.3	-31.9	-80	-31.24	63.44	-94.68	43.44	-74.68	0-360
7	.02174	13.89	Pk	58.6	-32.1	-80	-39.61	60.84	-100.45	40.84	-80.45	0-360
8	.03249	13.63	Pk	57.5	-32.2	-80	-41.07	57.35	-98.42	37.35	-78.42	0-360

Pk - Peak detector

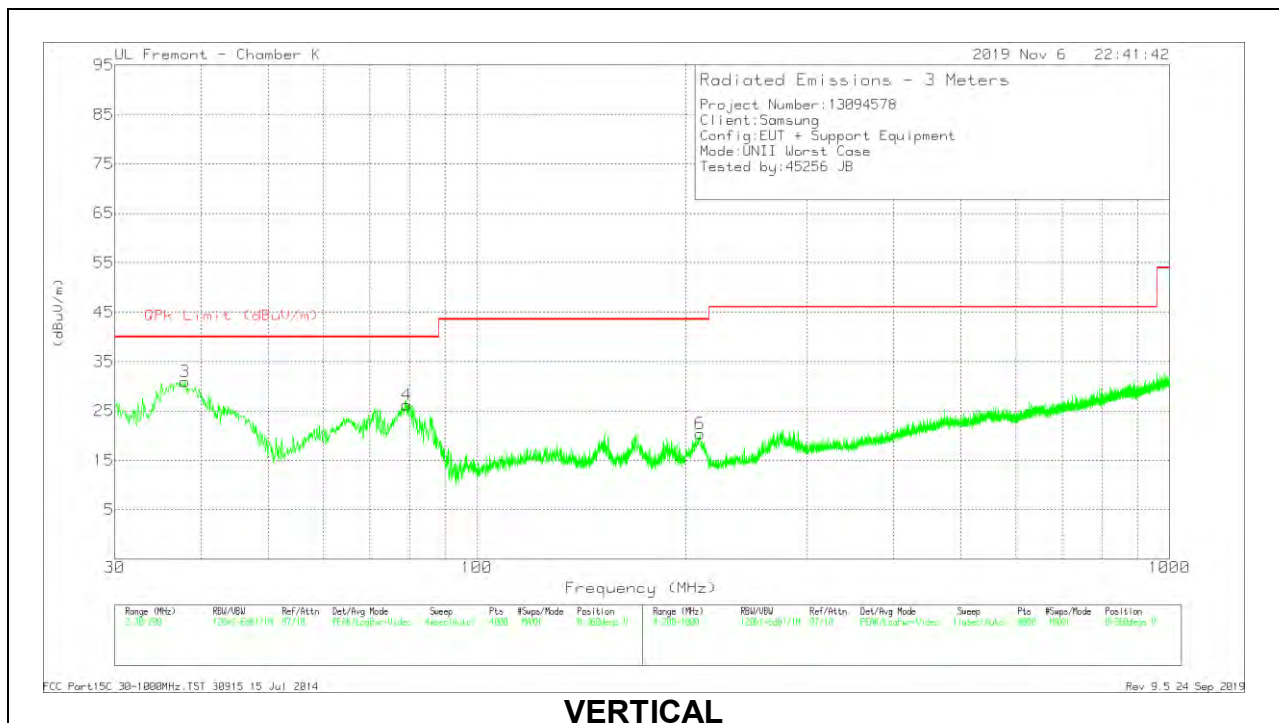
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (ACF)	Cables w/ PRE0186650	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
9	.73723	21.93	Pk	56.1	-32.1	-40	5.93	30.26	-24.33	0-360
10	.81117	22.29	Pk	56.1	-32.1	-40	6.29	29.43	-23.14	0-360
11	13.55998	26.54	Pk	34.1	-31.8	-40	-11.16	29.5	-40.66	0-360
12	13.55998	26.85	Pk	34.1	-31.8	-40	-10.85	29.5	-40.35	0-360

Pk - Peak detector

9.4. WORST CASE BELOW 1 GHZ



HORIZONTAL



VERTICAL

Below 1GHz DATA

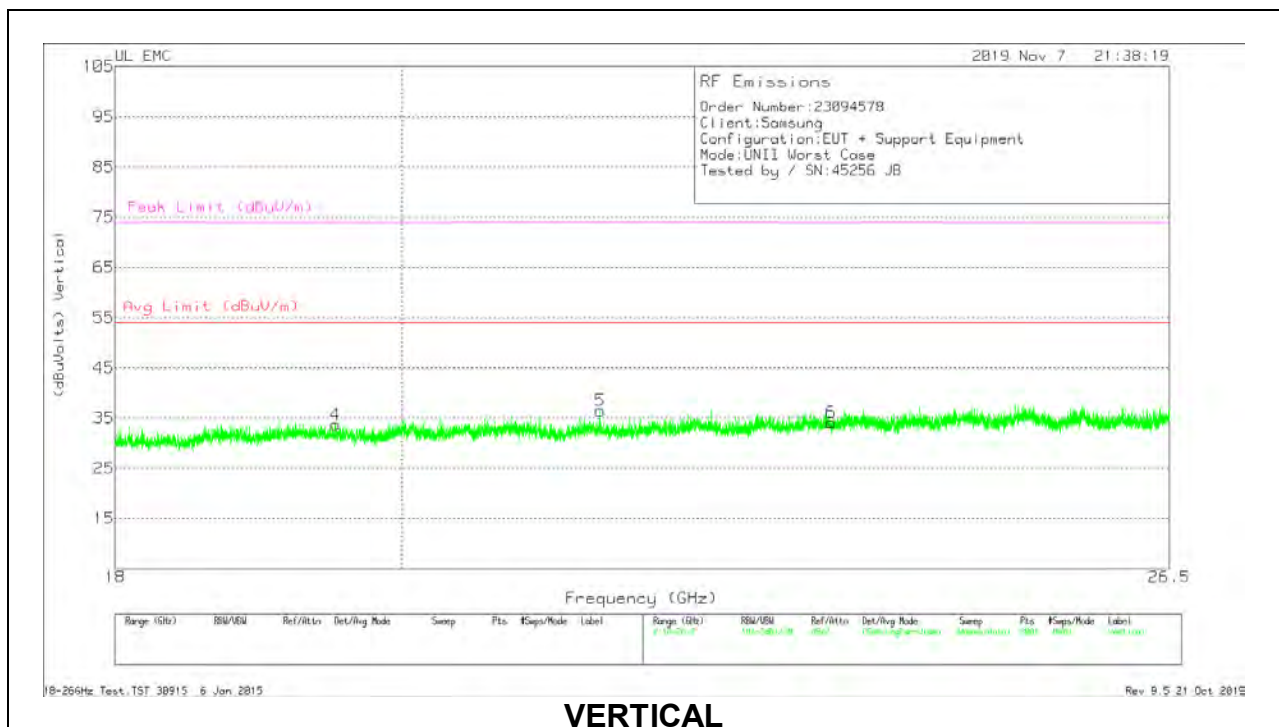
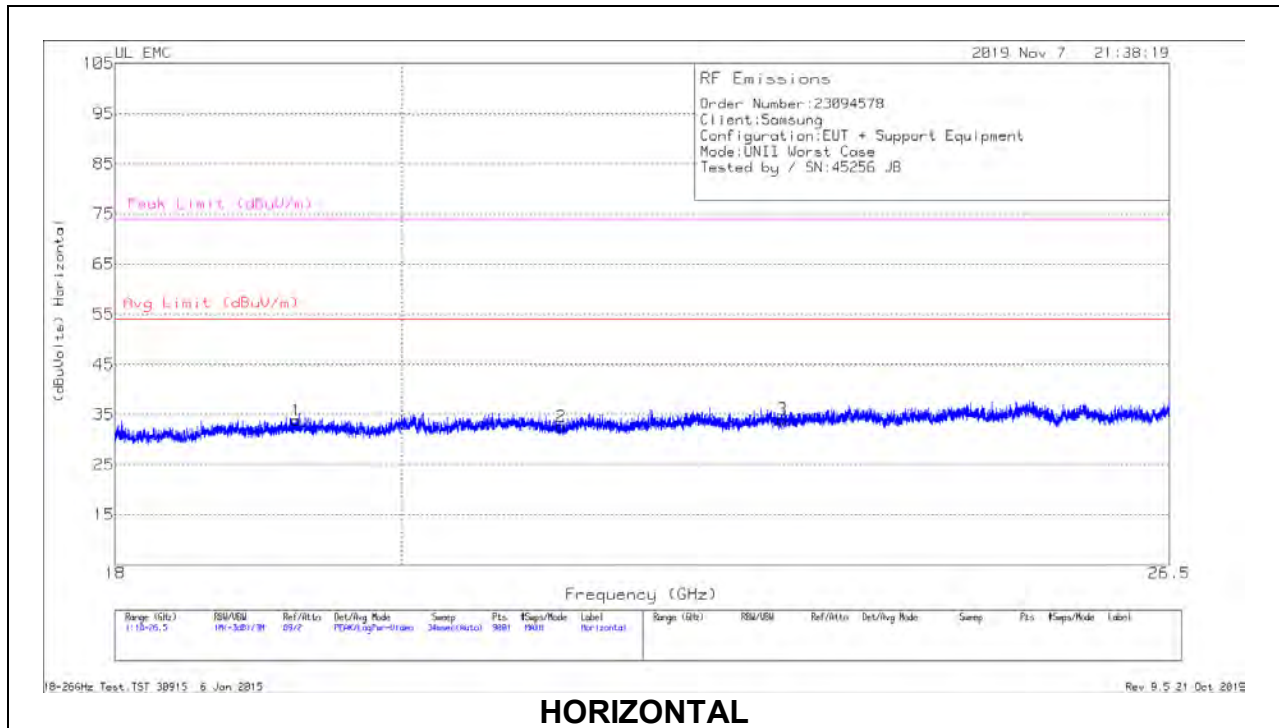
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0181574 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 37.5244	33.79	Pk	21.6	-31.5	23.89	40	-16.11	0-360	399	H
2	* 73.8288	41.13	Pk	14	-31.1	24.03	40	-15.97	0-360	299	H
3	* 37.907	41.18	Pk	21.3	-31.5	30.98	40	-9.02	182	95	V
	* 37.907	37.99	Qp	21.4	-31.5	27.89	40	-12.11	182	95	V
4	79.1427	43.72	Pk	13.6	-31.1	26.22	40	-13.78	0-360	100	V
5	209.4012	37.98	Pk	16.3	-30.3	23.98	43.52	-19.54	0-360	100	H
6	209.9013	34.42	Pk	16.3	-30.3	20.42	43.52	-23.1	0-360	100	V

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

Pk - Peak detector

Qp - Quasi-Peak detector

9.5. WORST CASE 18-26 GHZ

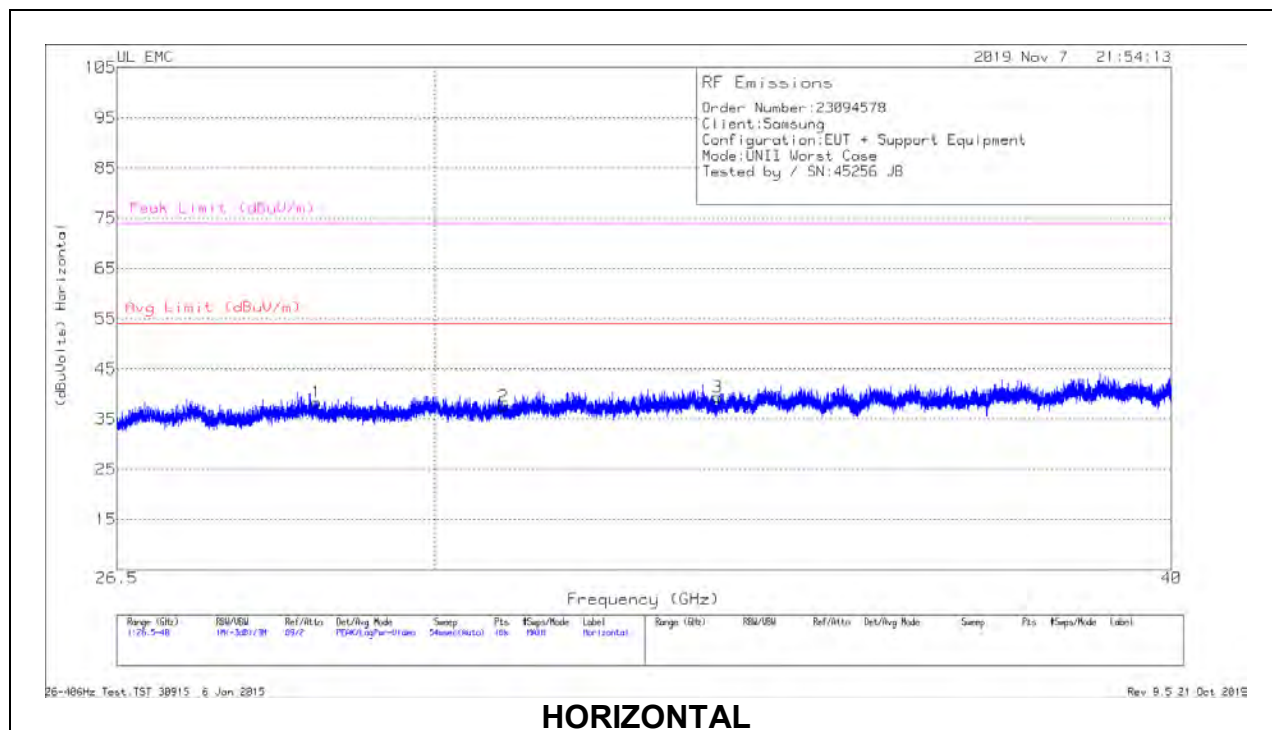


18 – 26GHz DATA

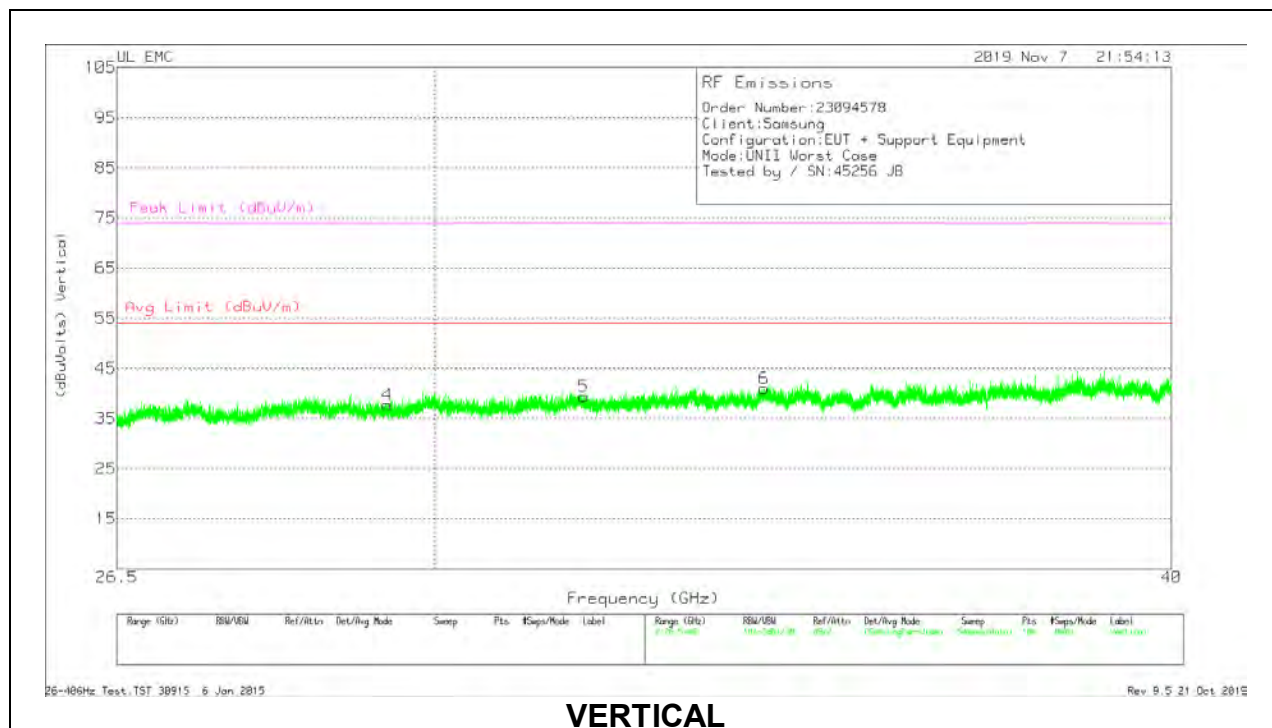
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T447 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	19.23722	68.17	Pk	32.7	-57.5	-9.5	33.87	54	-20.13	74	-40.13
2	21.19978	66.21	Pk	33.1	-57.2	-9.5	32.61	54	-21.39	74	-41.39
3	22.99422	67.14	Pk	33.8	-57.4	-9.5	34.04	54	-19.96	74	-39.96
4	19.51489	67.6	Pk	32.8	-57.2	-9.5	33.7	54	-20.3	74	-40.3
5	21.50578	69.95	Pk	33.2	-57.2	-9.5	36.45	54	-17.55	74	-37.55
6	23.40789	66.84	Pk	34.1	-57.3	-9.5	34.14	54	-19.86	74	-39.86

Pk - Peak detector

9.6. WORST CASE 26-40 GHZ



HORIZONTAL



VERTICAL

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	28.6465	64.31	Pk	36.6	-53.1	-9.5	38.31	54	-15.69	74	-35.69
2	30.81625	64.66	Pk	36.6	-54.2	-9.5	37.56	54	-16.44	74	-36.44
3	33.505	65.28	Pk	37	-53.4	-9.5	39.38	54	-14.62	74	-34.62
4	29.45125	63.67	Pk	36.5	-52.9	-9.5	37.77	54	-16.23	74	-36.23
5	31.79725	65.4	Pk	37	-53.5	-9.5	39.4	54	-14.6	74	-34.6
6	34.11325	66.58	Pk	37.6	-53.7	-9.5	40.98	54	-13.02	74	-33.02

Pk - Peak detector

10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

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.

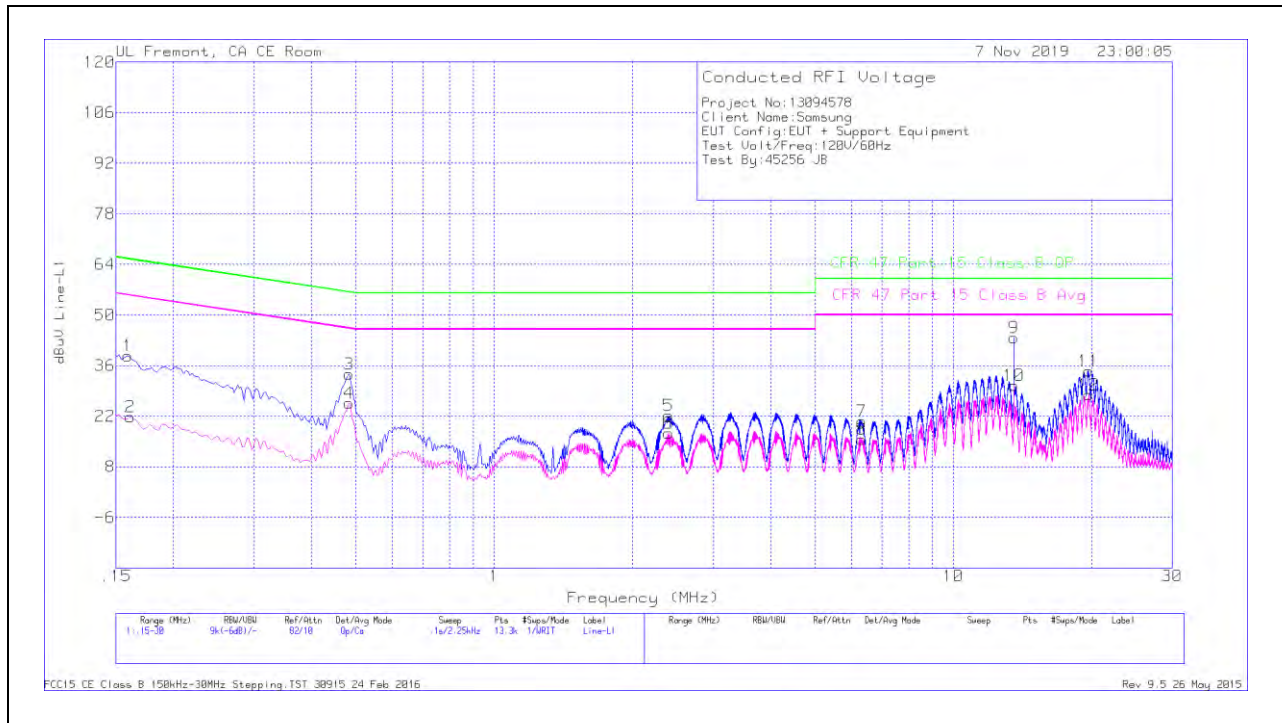
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

AC Power Line Norm

LINE 1 RESULTS



Trace Markers

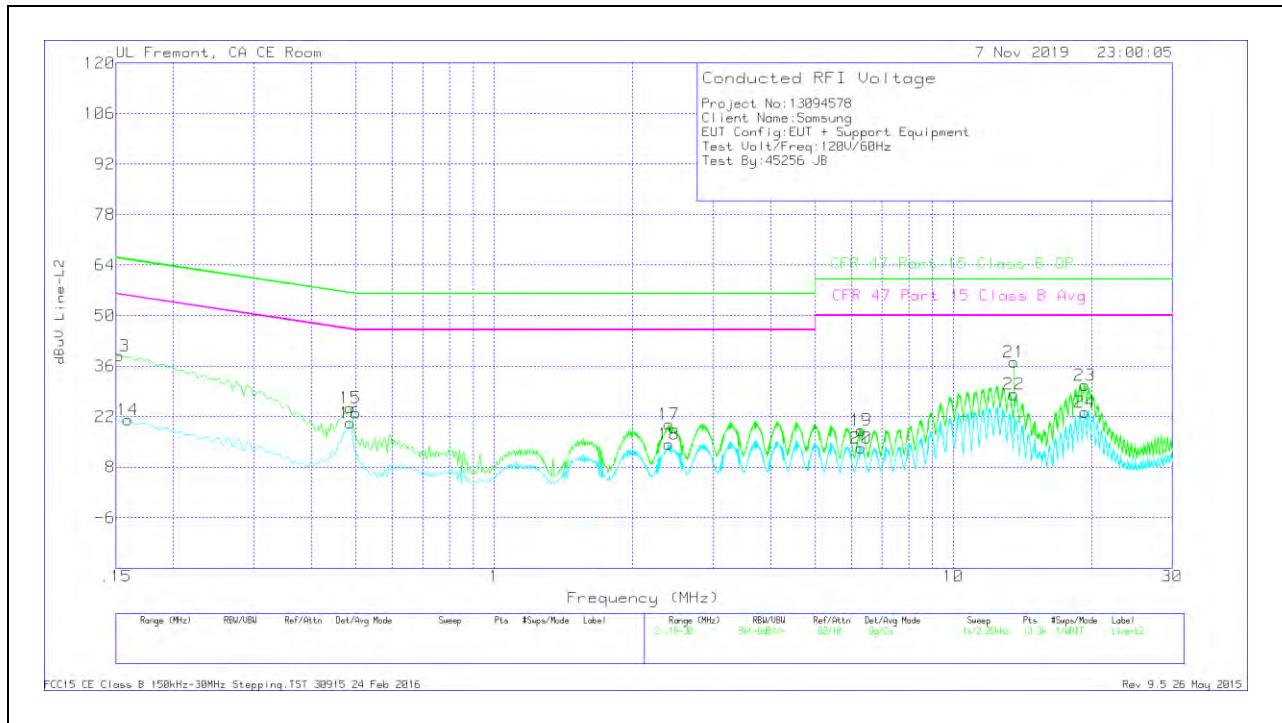
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.159	28.53	Qp	.1	0	10.1	38.73	65.52	-26.79	-	-
2	.16125	11.57	Ca	.1	0	10.1	21.77	-	-	55.4	-33.63
3	.483	23.55	Qp	0	0	10.1	33.65	56.29	-22.64	-	-
4	.483	15.58	Ca	0	0	10.1	25.68	-	-	46.29	-20.61
5	2.39775	12.04	Qp	0	.1	10.1	22.24	56	-33.76	-	-
6	2.39775	7.16	Ca	0	.1	10.1	17.36	-	-	46	-28.64
7	6.3105	10.19	Qp	0	.2	10.2	20.59	60	-39.41	-	-
8	6.3105	5.15	Ca	0	.2	10.2	15.55	-	-	50	-34.45
9	13.56	33.21	Qp	.1	.2	10.2	43.71	60	-16.29	-	-
10	13.56	20.09	Ca	.1	.2	10.2	30.59	-	-	50	-19.41
11	19.7205	23.81	Qp	.1	.3	10.3	34.51	60	-25.49	-	-
12	19.72163	17.27	Ca	.1	.3	10.3	27.97	-	-	50	-22.03

Qp - Quasi-Peak detector

Ca - CISPR average detection

NOTE: Markers 9 and 10, 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	.15225	28.72	Qp	.1	0	10.1	38.92	65.88	-26.96	-	-
14	.159	10.93	Ca	.1	0	10.1	21.13	-	-	55.52	-34.39
15	.48525	14.42	Qp	0	0	10.1	24.52	56.25	-31.73	-	-
16	.48525	10.17	Ca	0	0	10.1	20.27	-	-	46.25	-25.98
17	2.4045	9.71	Qp	0	.1	10.1	19.91	56	-36.09	-	-
18	2.4045	4.2	Ca	0	.1	10.1	14.4	-	-	46	-31.6
19	6.297	7.87	Qp	0	.2	10.2	18.27	60	-41.73	-	-
20	6.297	2.94	Ca	0	.2	10.2	13.34	-	-	50	-36.66
21	13.56	26.68	Qp	.1	.2	10.2	37.18	60	-22.82	-	-
22	13.56	17.69	Ca	.1	.2	10.2	28.19	-	-	50	-21.81
23	19.33575	20.06	Qp	.1	.3	10.3	30.76	60	-29.24	-	-
24	19.33575	12.49	Ca	.1	.3	10.3	23.19	-	-	50	-26.81

Qp - Quasi-Peak detector

Ca - CISPR average detection

NOTE: Markers 21 and 22, 13.56MHz is an external NFC signal unrelated to the EUT.