

RADIATED EMISSIONS

Frequency (GHz)	Measr Reading (dBuV)	Det	AF T344 (dBm)	Amp/Cou/Filter/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
* 2.744	40.43	PK-U	32.2	-34.4	0	38.23	-	-	74	-35.77	-	-	7	166	H
* 2.746	30.7	ADR	32.2	-34.4	1.29	29.79	54	-24.21	-	-	-	-	7	166	H
* 2.752	41.02	PK-U	32.2	-34.5	0	38.72	-	-	74	-35.28	-	-	306	142	V
* 2.75	30.98	ADR	32.2	-34.5	1.29	29.97	54	-24.03	-	-	-	-	306	142	V
* 11.853	30.36	PK-U	38.4	-20.8	0	47.96	-	-	74	-26.04	-	-	161	290	H
* 11.856	20.83	ADR	38.4	-20.8	1.29	39.72	54	-14.28	-	-	-	-	161	290	H
8.896	30.99	PK-U	36.1	-23.7	0	43.39	-	-	-	-	68.2	-24.81	27	109	H
* 11.902	30.06	PK-U	38.4	-20.3	0	48.16	-	-	74	-25.84	-	-	227	318	V
* 11.904	20.5	ADR	38.4	-20.3	1.29	39.89	54	-14.11	-	-	-	-	227	318	V
6.764	34.67	PK-U	35.5	-27.1	0	43.07	-	-	-	-	68.2	-25.13	345	307	V

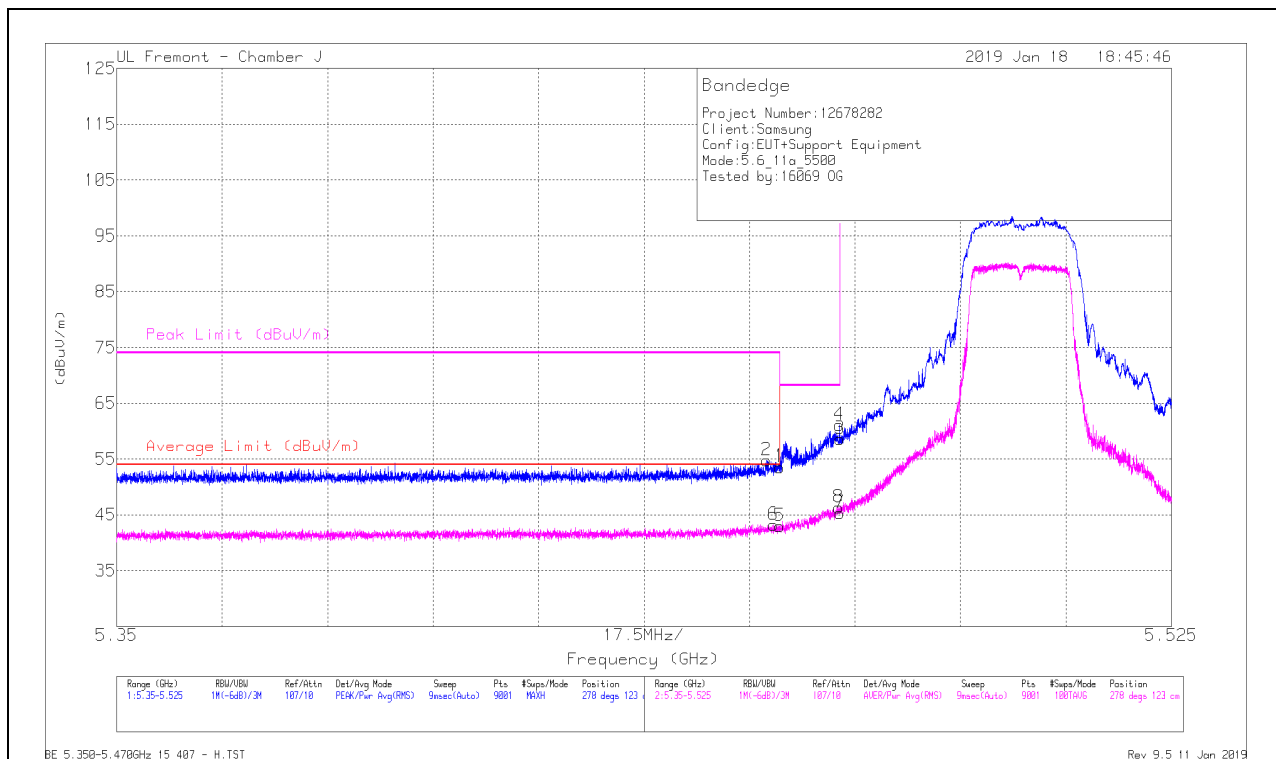
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



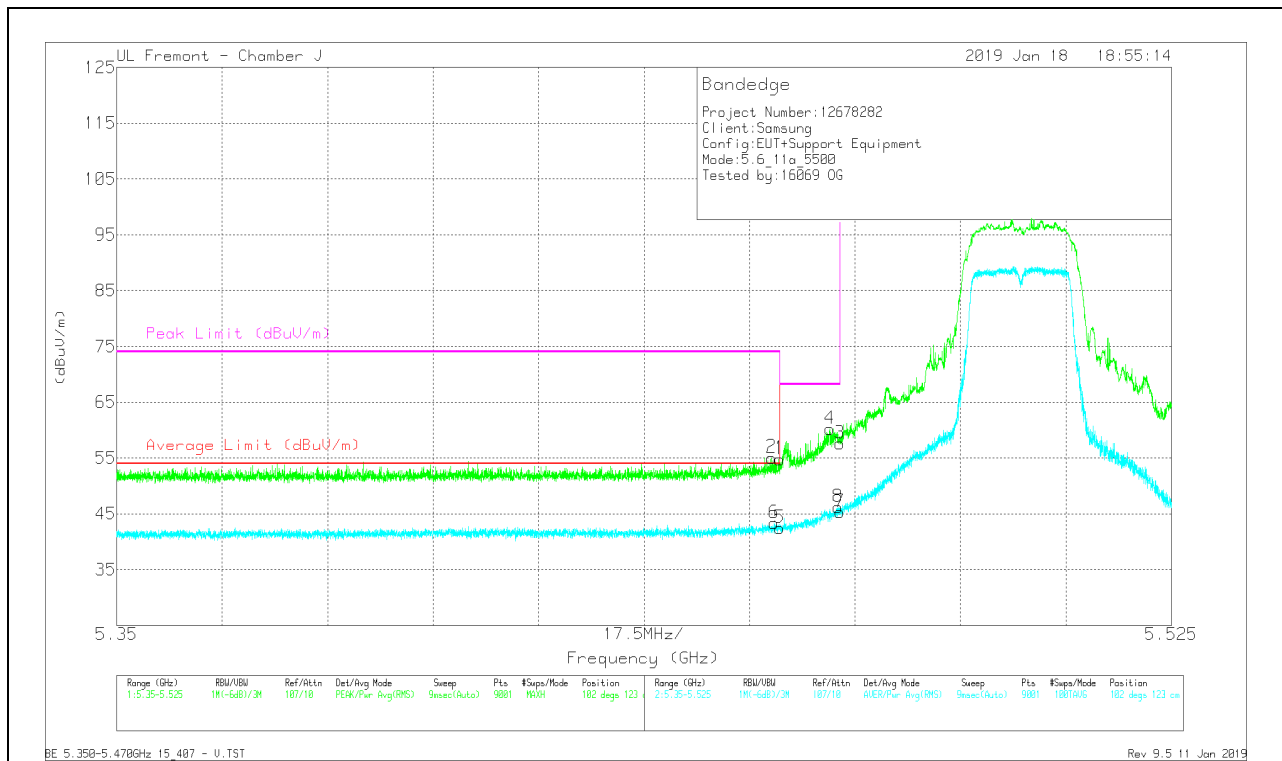
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dB/m)	Amp/CBI/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	39.98	Pk	34.5	-20.9	0	53.58	-	-	74	-20.42	278	123	H
2	* 5.458	41.19	Pk	34.5	-20.9	0	54.79	-	-	74	-19.21	278	123	H
3	5.47	45.02	Pk	34.5	-20.9	0	58.62	-	-	68.2	-9.68	278	123	H
4	5.47	47.46	Pk	34.5	-20.9	0	61.06	-	-	68.2	-7.14	278	123	H
5	* 5.46	29.08	RMS	34.5	-20.9	.27	42.95	54	-11.05	-	-	278	123	H
6	* 5.459	29.33	RMS	34.5	-20.9	.27	43.2	54	-10.8	-	-	278	123	H
7	5.47	31.5	RMS	34.5	-20.9	.27	45.37	-	-	-	-	278	123	H
8	5.47	32.47	RMS	34.5	-20.9	.27	46.34	-	-	-	-	278	123	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

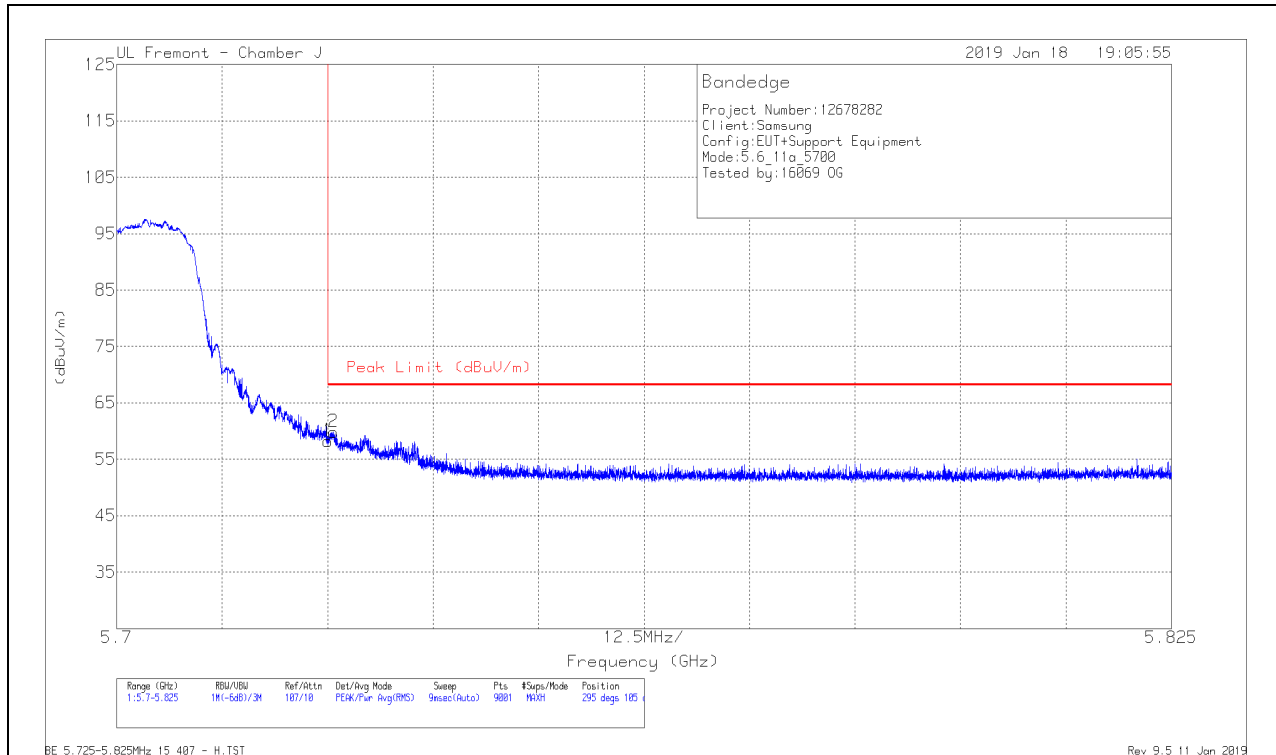


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT10067 (dB/m)	Amp/Ch/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	41.22	Pk	34.5	-20.9	0	54.82	-	-	74	-19.18	102	123	V
2	* 5.459	41.47	Pk	34.5	-20.9	0	55.07	-	-	74	-18.93	102	123	V
3	5.47	44.04	PK	34.5	-20.9	0	57.64	-	-	68.2	-10.56	102	123	V
4	5.468	46.51	PK	34.5	-20.8	0	60.21	-	-	68.2	-7.99	102	123	V
5	* 5.46	28.63	RMS	34.5	-20.9	27	42.5	54	-11.5	-	-	102	123	V
6	* 5.459	29.47	RMS	34.5	-20.9	27	43.34	54	-10.66	-	-	102	123	V
7	5.47	31.42	RMS	34.5	-20.9	27	45.29	-	-	-	-	102	123	V
8	5.47	32.35	RMS	34.5	-20.9	27	46.22	-	-	-	-	102	123	V

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

BANDEDGE (HIGH CHANNEL)

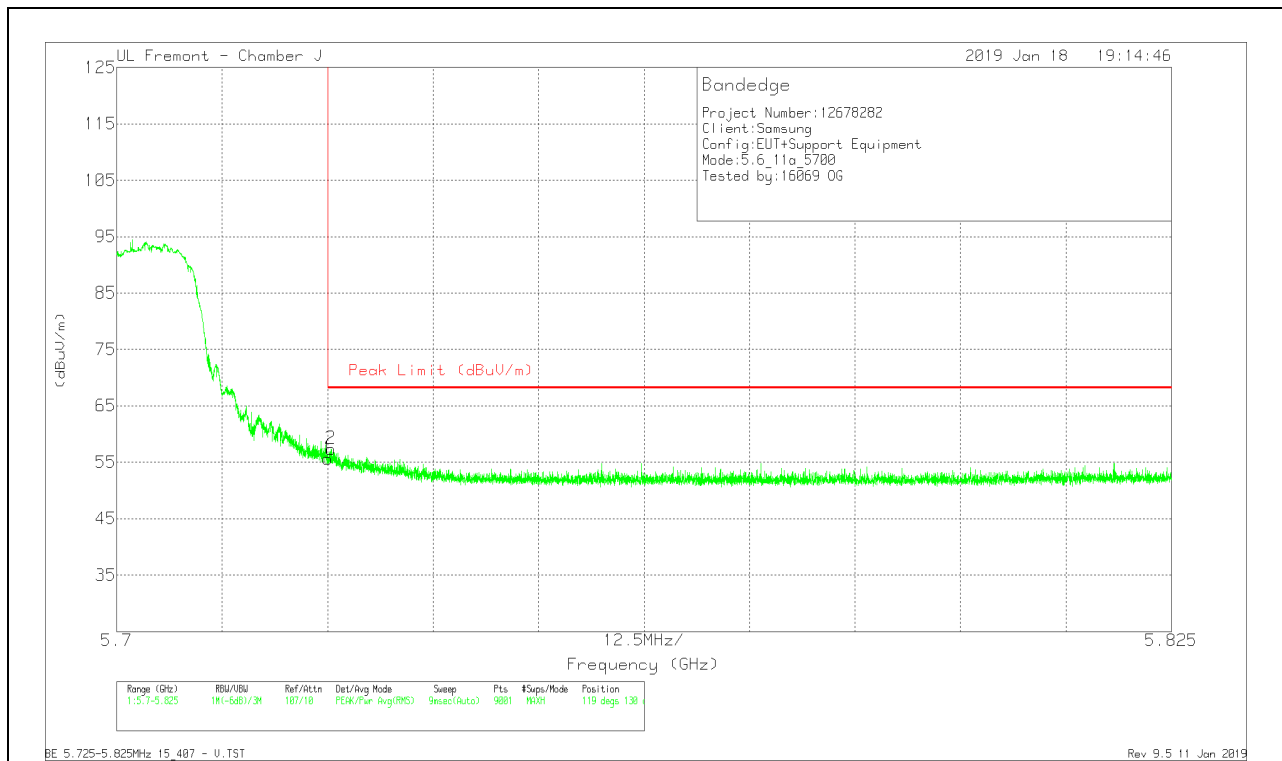
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dB/m)	Amp/Cb/Fitr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	44.32	Pk	34.7	-20.8	0	58.22	68.2	-9.98	295	105	H
2	5.726	45.93	Pk	34.7	-20.8	0	59.83	68.2	-8.37	295	105	H

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

VERTICAL RESULT

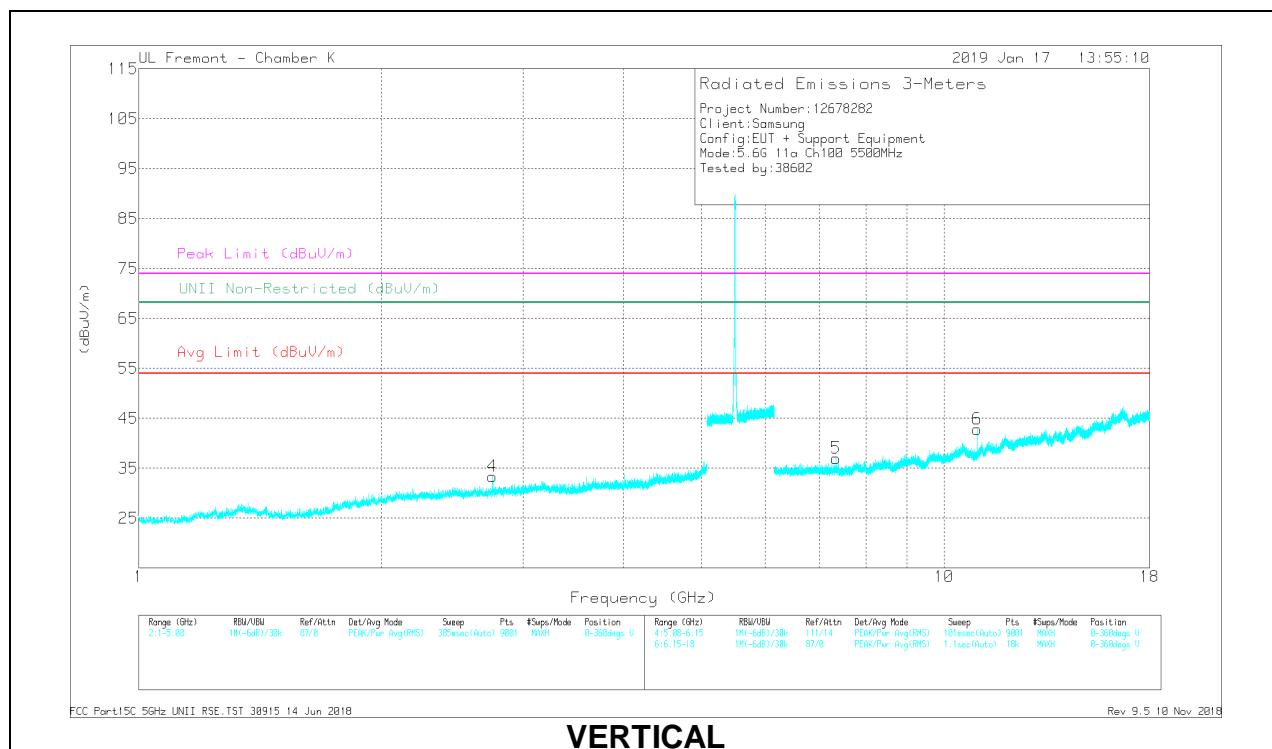
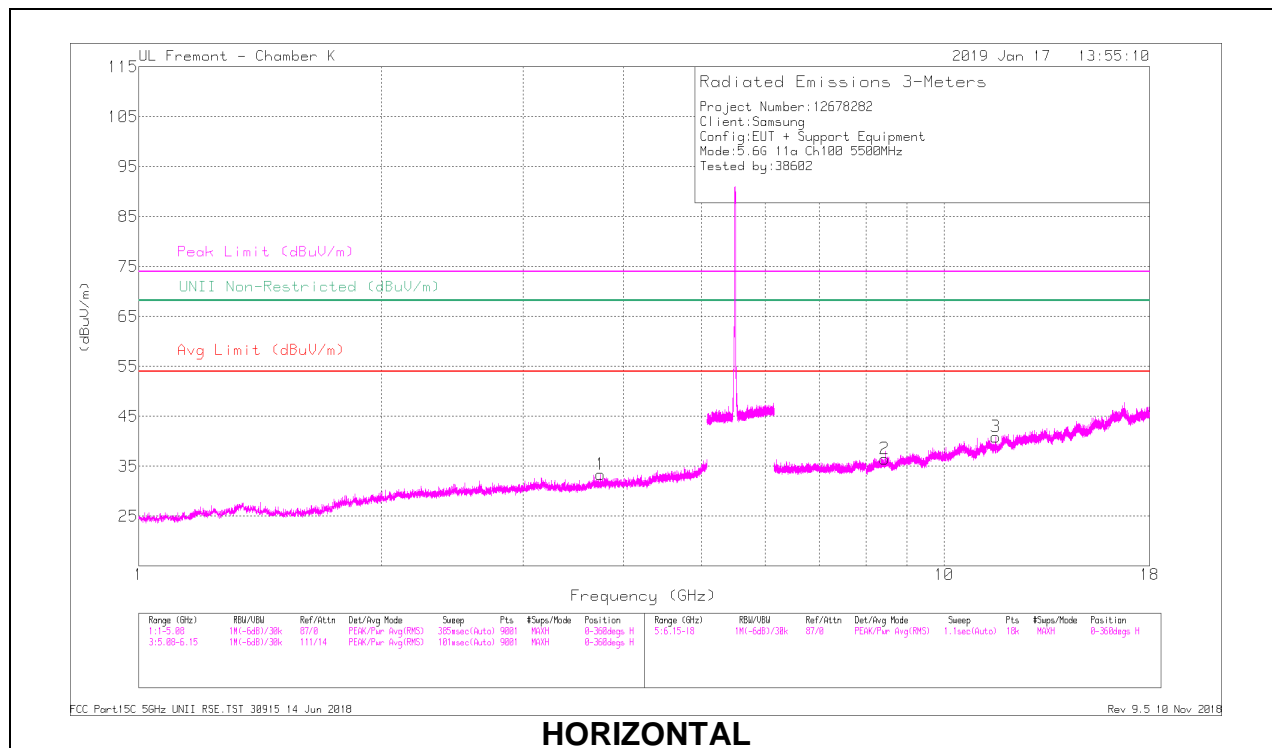


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dB/m)	Amp/Cb/Filtr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	41.71	Pk	34.7	-20.8	0	55.61	68.2	-12.59	119	130	V
2	5.725	43.43	Pk	34.7	-20.8	0	57.33	68.2	-10.87	119	130	V

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS

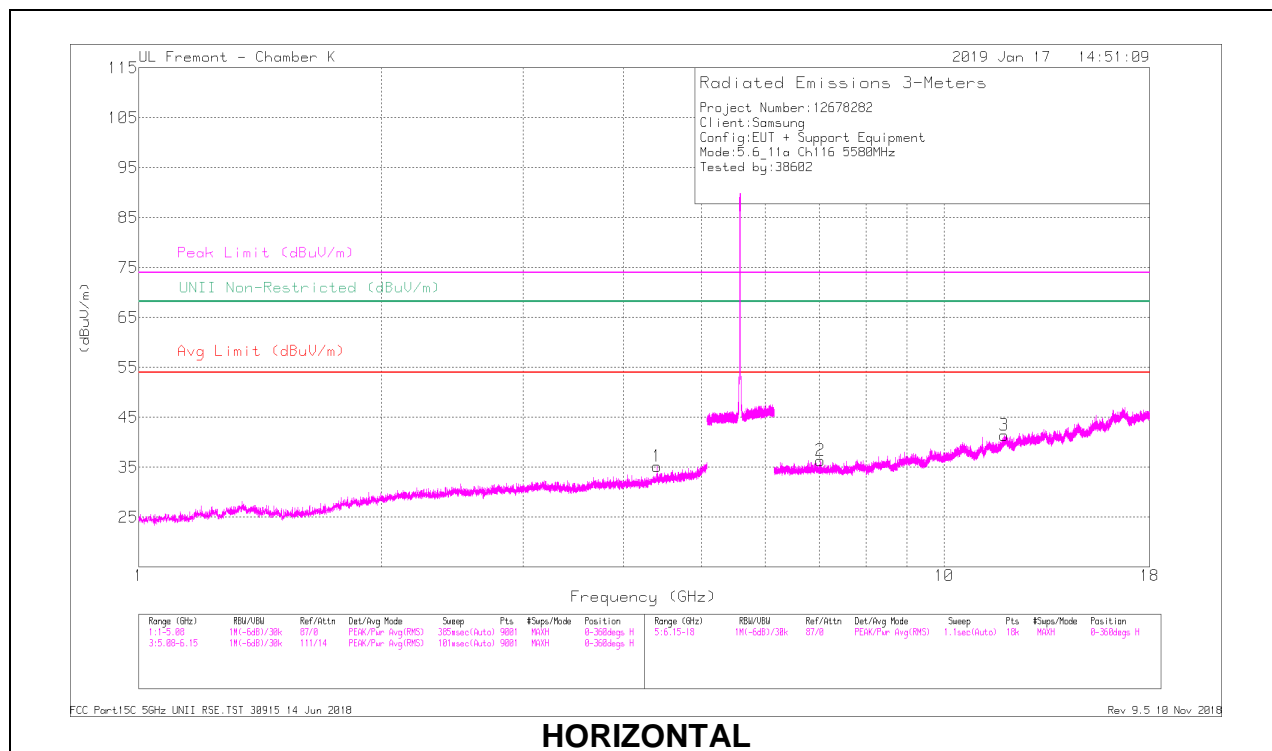


RADIATED EMISSIONS

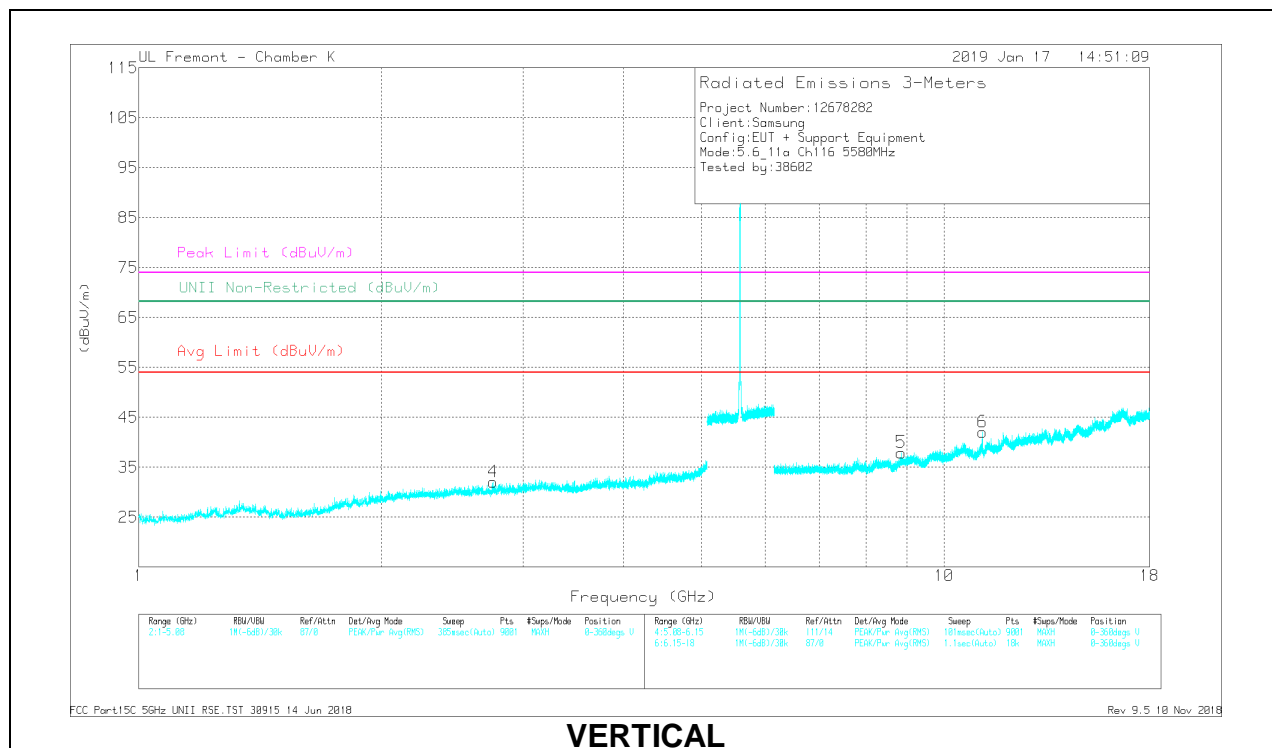
Frequency (GHz)	Meas Reading (dBuV)	Det	AF T344 (dBm)	Amp/Co/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.743	38.78	PK-U	33.3	-31.9	0	40.18	-	-	74	-33.82	-	-	162	251	H
* 3.746	28.19	ADR	33.3	-31.9	.27	29.86	54	-24.14	-	-	-	-	162	251	H
* 2.754	41.67	PK-U	32.2	-34.5	0	33.37	-	-	74	-34.63	-	-	11	297	V
* 2.752	30.99	ADR	32.2	-34.5	.27	28.96	54	-25.04	-	-	-	-	11	297	V
* 8.445	32.21	PK-U	35.8	-24.9	0	43.11	-	-	74	-30.89	-	-	90	300	H
* 8.444	22.61	ADR	35.8	-24.9	.27	33.78	54	-20.22	-	-	-	-	90	300	H
* 11.593	29.62	PK-U	38.2	-20.9	0	46.92	-	-	74	-27.08	-	-	231	391	H
* 11.597	19.32	ADR	38.2	-20.9	.27	36.89	54	-17.11	-	-	-	-	231	391	H
* 7.339	32.55	PK-U	35.5	-26.1	0	41.95	-	-	74	-32.05	-	-	178	227	V
* 7.34	23.72	ADR	35.5	-26.1	.27	33.39	54	-20.61	-	-	-	-	178	227	V
* 11	32.56	PK-U	37.9	-22.1	0	48.36	-	-	74	-25.64	-	-	141	117	V
* 11	26.17	ADR	37.9	-22.1	.27	42.24	54	-11.76	-	-	-	-	141	117	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



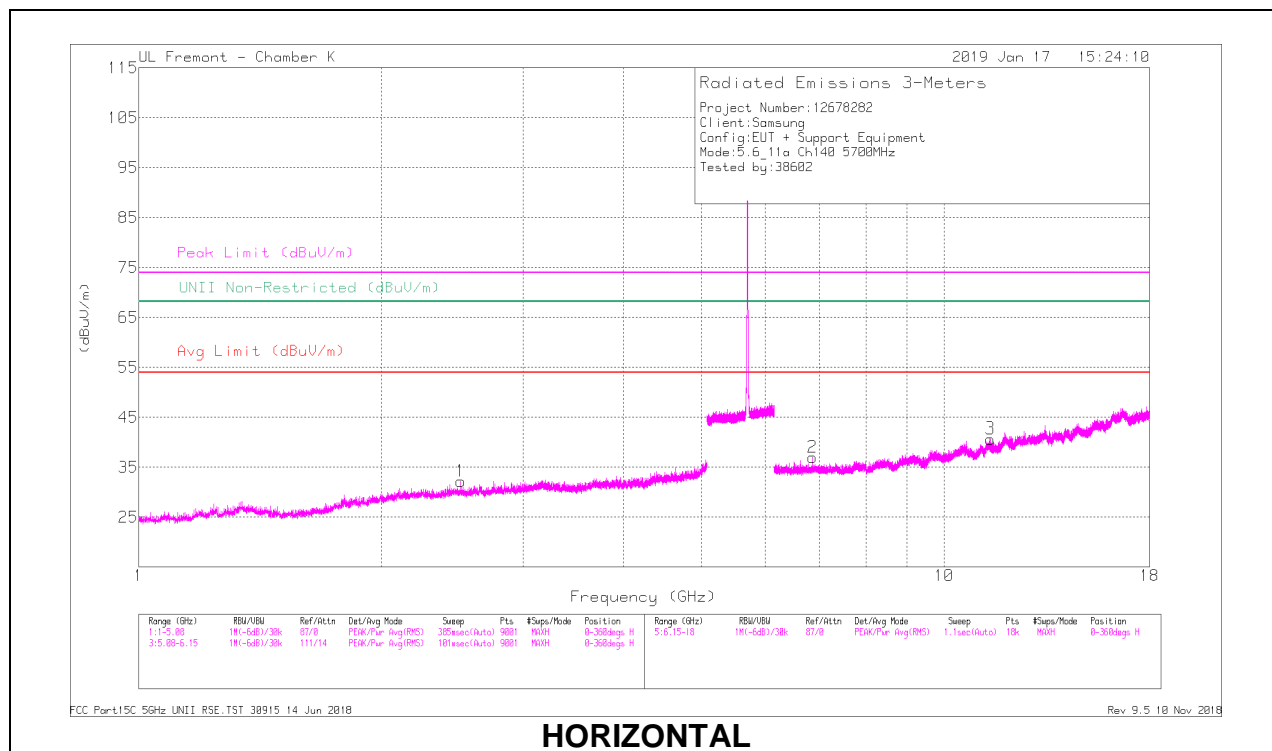
VERTICAL

RADIATED EMISSIONS

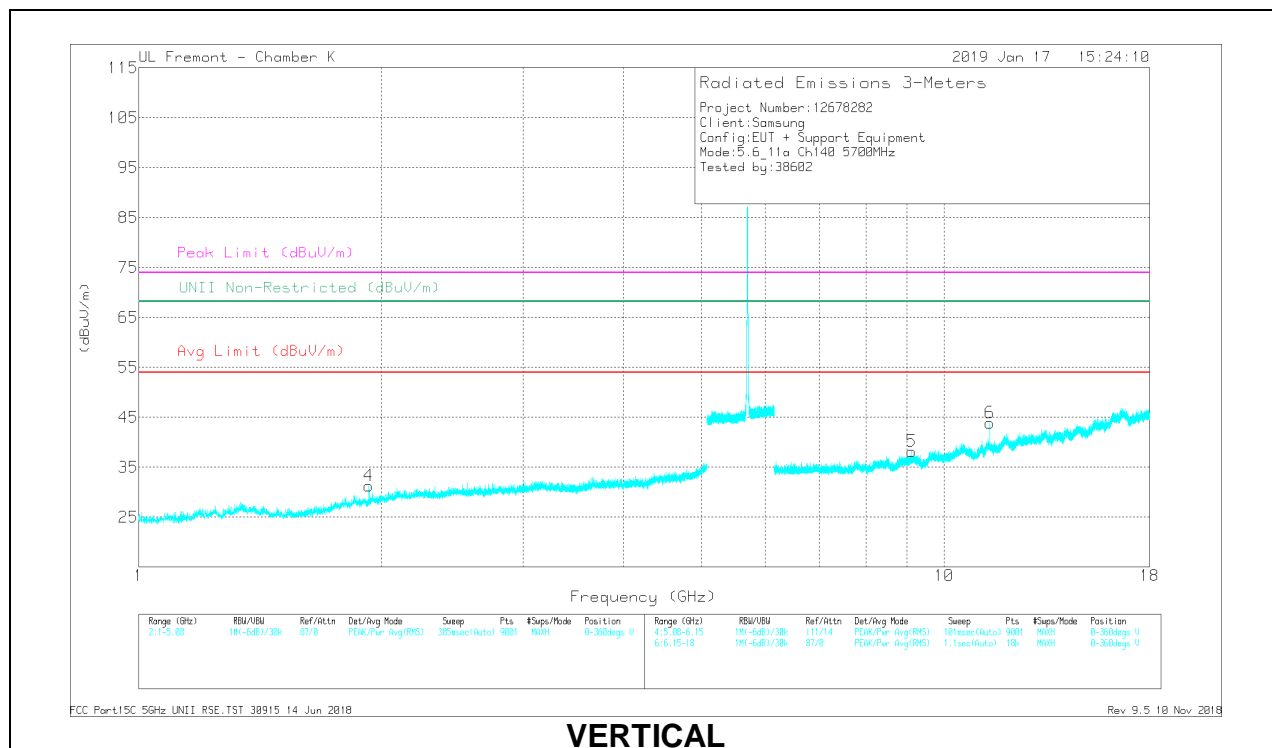
Frequency (GHz)	Meas Reading (dBuV)	Det	AF T344 (dBm)	Amp/Co/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.398	37.83	PK-U	33.8	-30.9	0	40.73	-	-	74	-33.27	-	-	78	109	H
* 4.398	28.05	ADR	33.8	-30.9	.27	31.22	54	-22.78	-	-	-	-	78	109	H
* 2.751	40.23	PK-U	32.2	-34.5	0	37.93	-	-	74	-36.07	-	-	353	338	V
* 2.751	30.8	ADR	32.2	-34.5	.27	28.77	54	-25.23	-	-	-	-	353	338	V
* 11.873	30.61	PK-U	38.4	-20.6	0	48.41	-	-	74	-25.59	-	-	201	203	H
* 11.871	20.39	ADR	38.4	-20.6	.27	38.46	54	-15.54	-	-	-	-	201	203	H
7.029	33.55	PK-U	35.5	-26.7	0	42.35	-	-	-	-	68.2	-25.85	189	268	H
* 11.16	31.88	PK-U	37.9	-21.2	0	48.68	-	-	74	-25.32	-	-	114	101	V
* 11.16	24.59	ADR	37.9	-21.2	.27	41.96	54	-12.44	-	-	-	-	114	101	V
8.846	31.93	PK-U	36.1	-23.8	0	44.23	-	-	-	-	68.2	-23.97	219	272	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



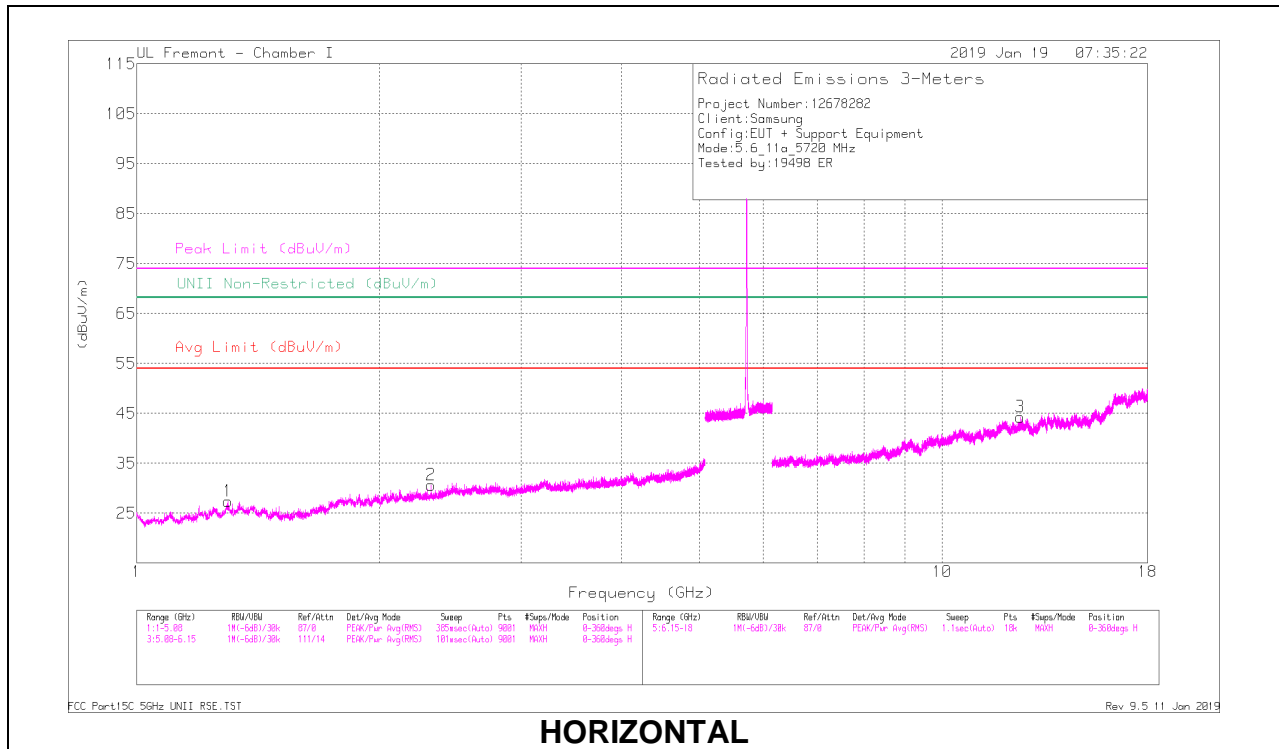
VERTICAL

RADIATED EMISSIONS

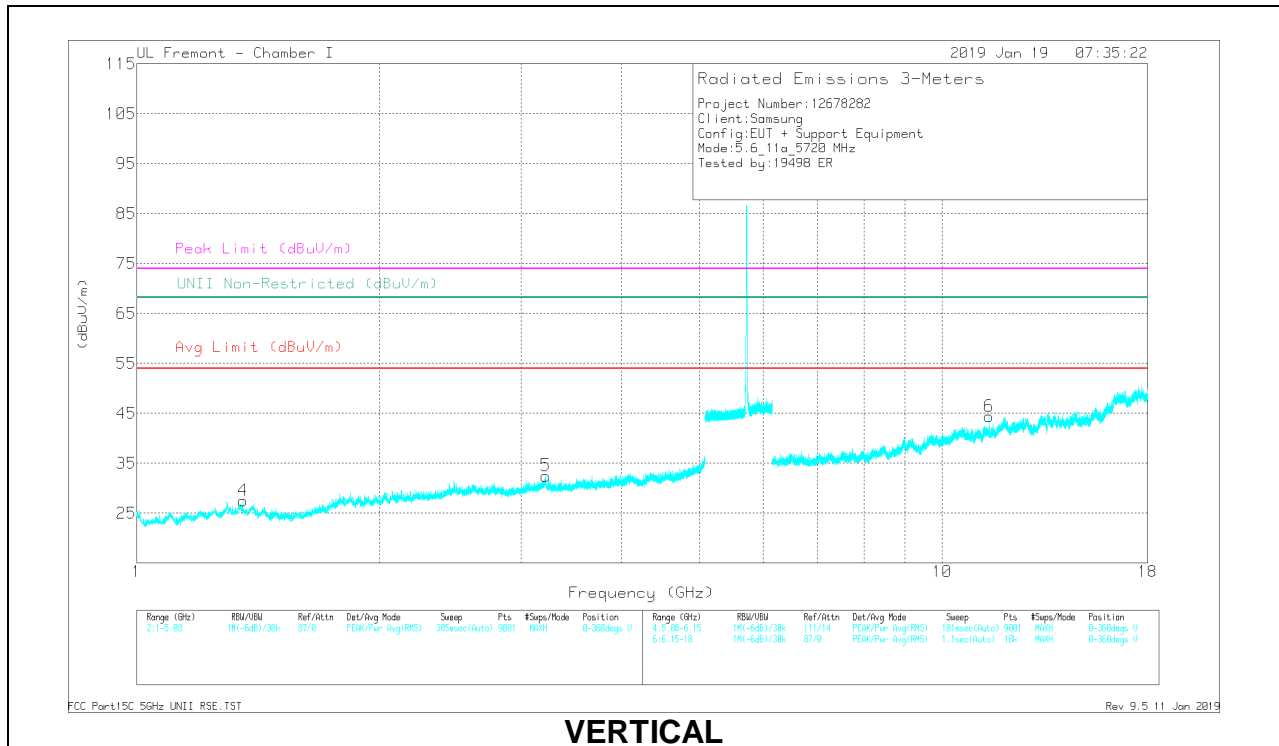
Frequency (GHz)	Meas Reading (dBuV)	Det	AF T344 (dBm)	Amp/Co/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.51	41.24	PK-U	32.3	-35	0	38.54	-	-	-	-	68.2	-29.66	74	197	H
1.933	40.2	PK-U	30.7	-35.2	0	35.7	-	-	-	-	68.2	-32.5	235	204	V
6.872	33.84	PK-U	35.5	-26.8	0	42.54	-	-	-	-	68.2	-25.66	360	342	H
* 11.421	29.94	PK-U	38.1	-21	0	47.04	-	-	74	-26.96	-	-	109	365	H
* 11.421	20.51	ADR	38.1	-21	.27	37.88	54	-16.12	-	-	-	-	109	365	H
* 9.113	31.92	PK-U	36.2	-24.3	0	43.82	-	-	74	-30.18	-	-	221	210	V
* 9.112	22.59	ADR	36.2	-24.3	.27	34.76	54	-19.24	-	-	-	-	221	210	V
* 11.4	31.87	PK-U	38	-21.1	0	48.87	-	-	74	-25.13	-	-	7	105	V
* 11.4	27.31	ADR	38	-21.1	.27	44.48	54	-9.52	-	-	-	-	7	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

CHANNEL 144 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Frequency (GHz)	Measr Reading (dBuV)	Det	AF T862 (dBm)	Amp(C20/F10/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
* 1.299	37.67	PK-U	29.2	-33.7	0	33.17	-	-	74	-40.83	-	-	142	197	H
* 1.299	28.31	ADR	29.2	-33.7	.27	24.08	54	-29.92	-	-	-	-	142	197	H
* 2.317	35.63	PK-U	31.6	-31.8	0	35.43	-	-	74	-38.57	-	-	252	173	H
* 2.32	27.14	ADR	31.5	-31.9	.27	27.01	54	-26.99	-	-	-	-	252	173	H
3.219	32.76	PK-U	33.3	-29.8	0	36.26	-	-	-	-	68.2	-31.94	54	128	V
* 1.353	36.95	PK-U	29.5	-33.6	0	32.85	-	-	74	-41.15	-	-	116	269	V
* 1.352	28.16	ADR	29.5	-33.6	.27	24.33	54	-29.67	-	-	-	-	116	269	V
* 12.506	25.87	PK-U	39.1	-16.1	0	48.87	-	-	74	-25.13	-	-	209	154	H
* 12.503	17.6	ADR	39.1	-16.1	.27	40.87	54	-13.13	-	-	-	-	209	154	H
* 11.44	28.34	PK-U	38.2	-16.4	0	50.14	-	-	74	-23.86	-	-	325	107	V
* 11.44	21.94	ADR	38.2	-16.4	.27	44.01	54	-9.99	-	-	-	-	325	107	V

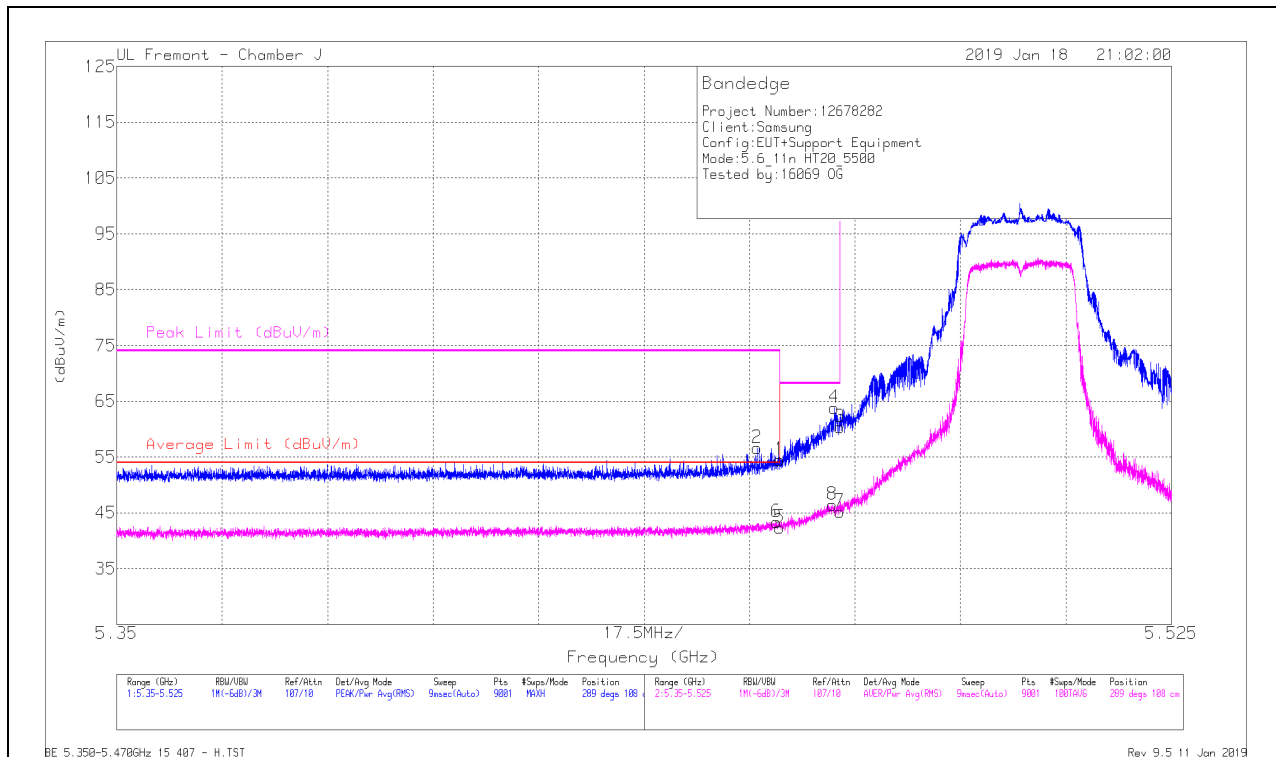
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



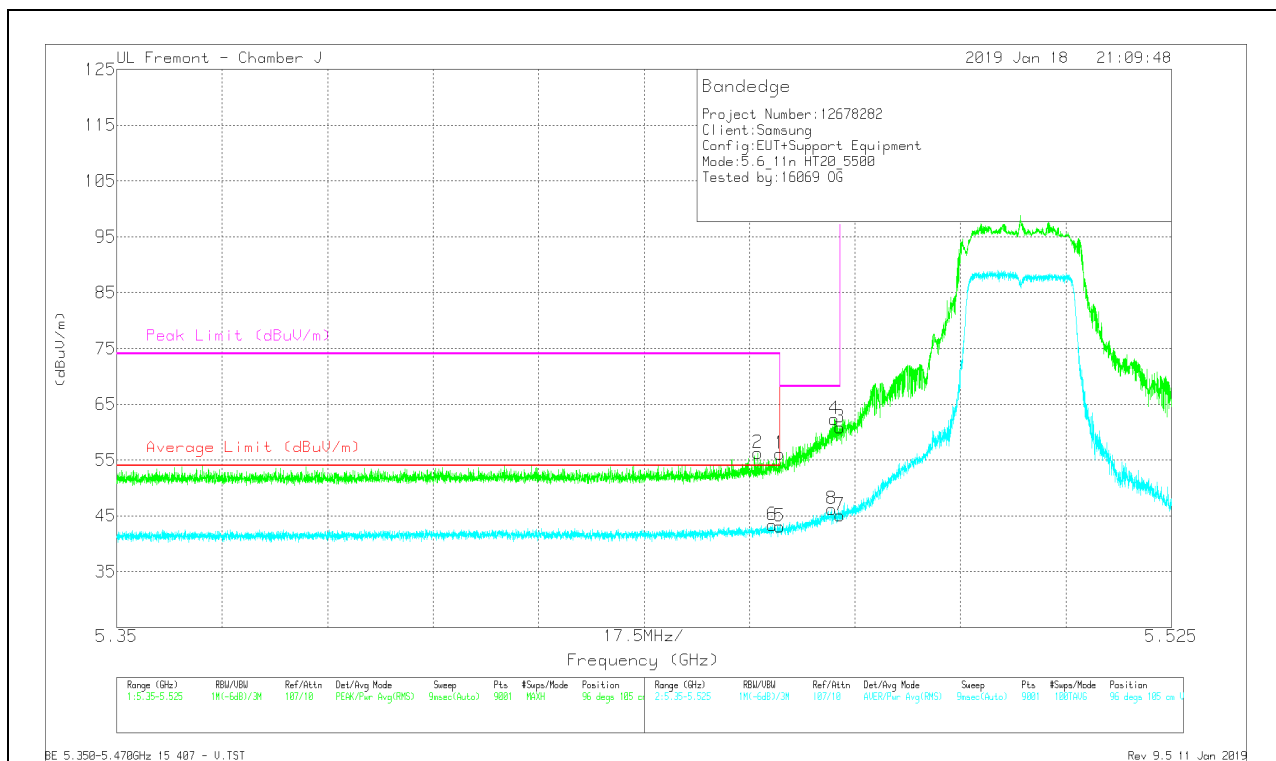
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dB/m)	Amp/CD/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	40.93	Pk	34.5	-20.9	0	54.53	-	-	74	-19.47	289	108	H
2	* 5.456	43.03	Pk	34.5	-20.9	0	56.63	-	-	74	-17.37	289	108	H
3	* 5.47	46.72	Pk	34.5	-20.9	0	60.32	-	-	68.2	-7.88	289	108	H
4	5.469	50.17	Pk	34.5	-20.9	0	63.77	-	-	68.2	-4.43	289	108	H
5	* 5.46	28.5	RMS	34.5	-20.9	.28	42.38	54	-11.62	-	-	289	108	H
6	* 5.459	29.44	RMS	34.5	-20.9	.28	43.32	54	-10.68	-	-	289	108	H
7	5.47	31.33	RMS	34.5	-20.9	.28	45.21	-	-	-	-	289	108	H
8	5.469	32.53	RMS	34.5	-20.9	.28	46.41	-	-	-	-	289	108	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

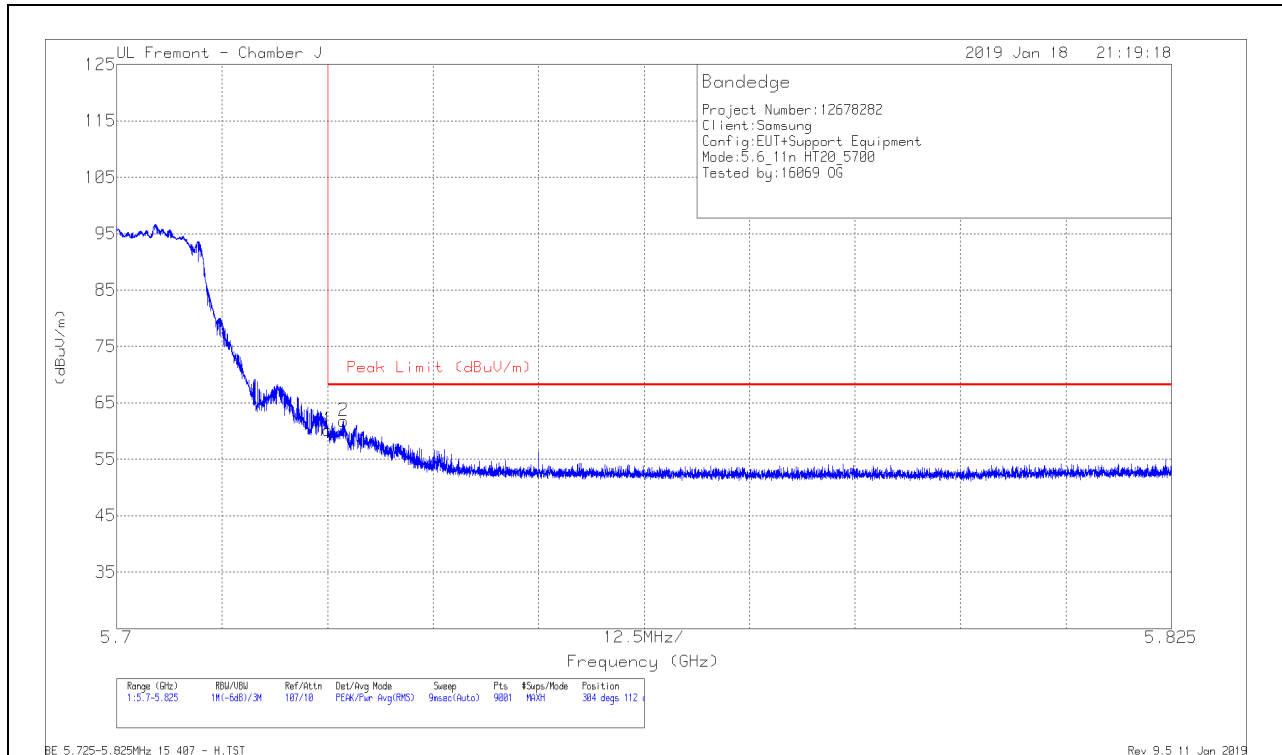


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT10067 (dB/m)	Amp/Ch/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	42.47	Pk	34.5	-20.9	0	56.07	-	-	74	-17.93	96	105	V
2	* 5.456	42.64	Pk	34.5	-20.9	0	56.24	-	-	74	-17.76	96	105	V
3	5.47	47.22	Pk	34.5	-20.9	0	60.82	-	-	68.2	-7.38	96	105	V
4	5.469	48.78	Pk	34.5	-20.9	0	62.38	-	-	68.2	-5.82	96	105	V
5	* 5.46	29.18	RMS	34.5	-20.9	28	43.06	54	-10.94	-	-	96	105	V
6	* 5.459	29.42	RMS	34.5	-20.9	28	43.3	54	-10.7	-	-	96	105	V
7	5.47	31.24	RMS	34.5	-20.9	28	45.12	-	-	-	-	96	105	V
8	5.469	32.35	RMS	34.5	-20.9	28	46.23	-	-	-	-	96	105	V

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

BANDEDGE (HIGH CHANNEL)

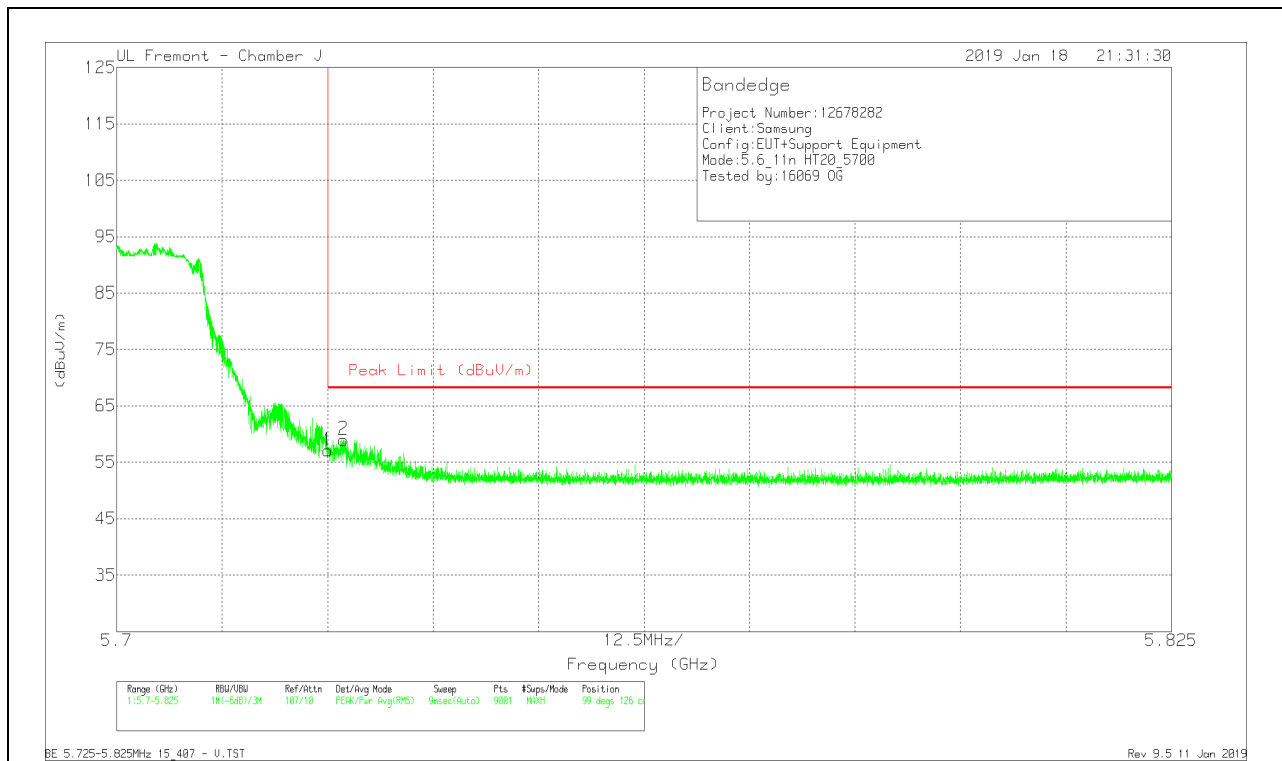
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dB/m)	Amp/Cb/Fitr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	46.24	Pk	34.7	-20.8	0	60.14	68.2	-8.06	304	112	H
2	5.727	47.86	Pk	34.7	-20.8	0	61.76	68.2	-6.44	304	112	H

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

VERTICAL RESULT

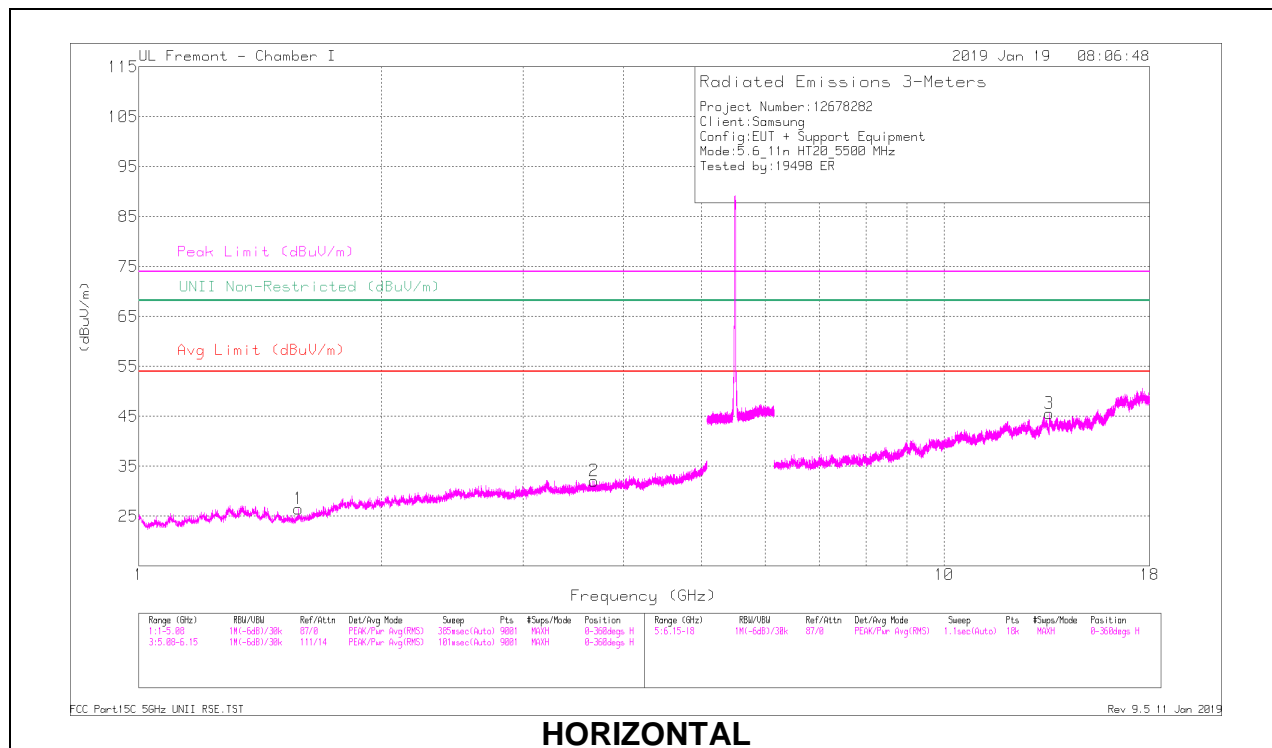


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dB/m)	Amp/Cb/Filtr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.25	Pk	34.7	-20.8	0	57.15	68.2	-11.05	99	126	V
2	5.727	45.12	Pk	34.7	-20.8	0	59.02	68.2	-9.18	99	126	V

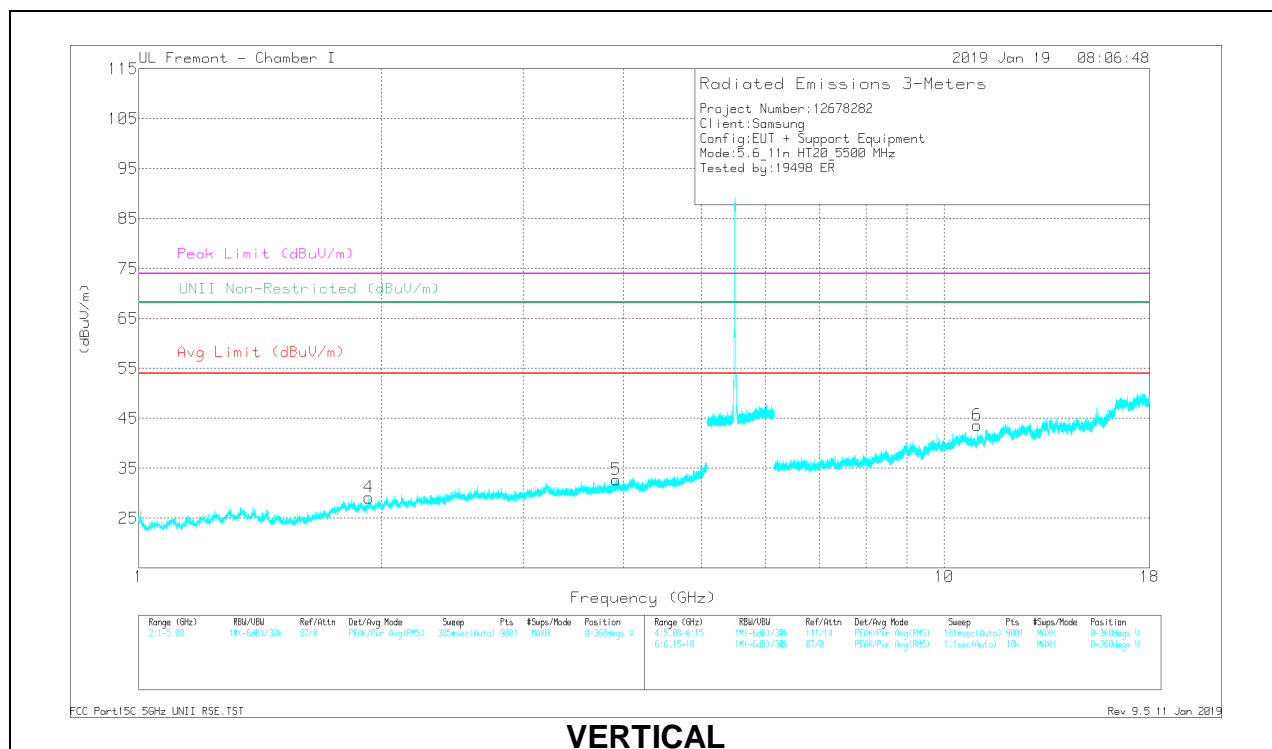
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

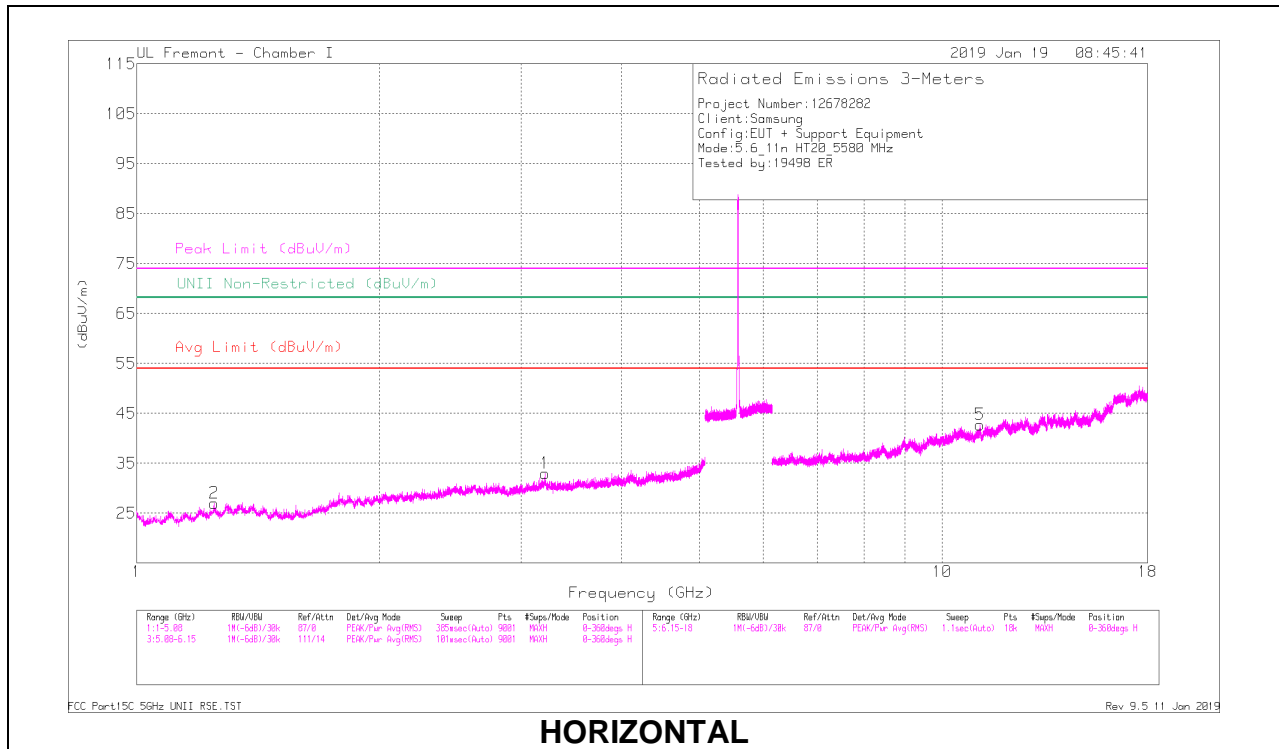
Frequency (GHz)	Measr Reading (dBuV)	Det	AF T862 (dBm)	AmpC50/F10rPa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.577	36.44	PK-U	28	-33	0	31.44	-	-	74	-42.56	-	-	267	115	H
1.578	27.95	ADR	28	-33	.28	23.23	54	-30.77	-	-	-	-	267	115	H
* 3.675	34.69	PK-U	33	-29.4	0	36.18	-	-	74	-35.82	-	-	182	163	H
* 3.675	24.82	ADR	33	-29.4	.28	28.7	54	-25.3	-	-	-	-	182	163	H
* 3.915	33.42	PK-U	33.2	-28.9	0	37.72	-	-	74	-36.28	-	-	176	214	V
* 3.916	25.53	ADR	33.2	-28.9	.28	30.11	54	-23.89	-	-	-	-	176	214	V
1.929	37.35	PK-U	30.6	-32.7	0	35.25	-	-	-	-	68.2	-32.95	59	140	V
13.509	27.94	PK-U	39.4	-17.5	0	49.84	-	-	-	-	68.2	-18.36	137	374	H
* 11	28.69	PK-U	37.8	-16.9	0	49.99	-	-	74	-24.41	-	-	1	109	V
* 11	20.6	ADR	37.8	-16.9	.28	41.78	54	-12.22	-	-	-	-	1	109	V

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

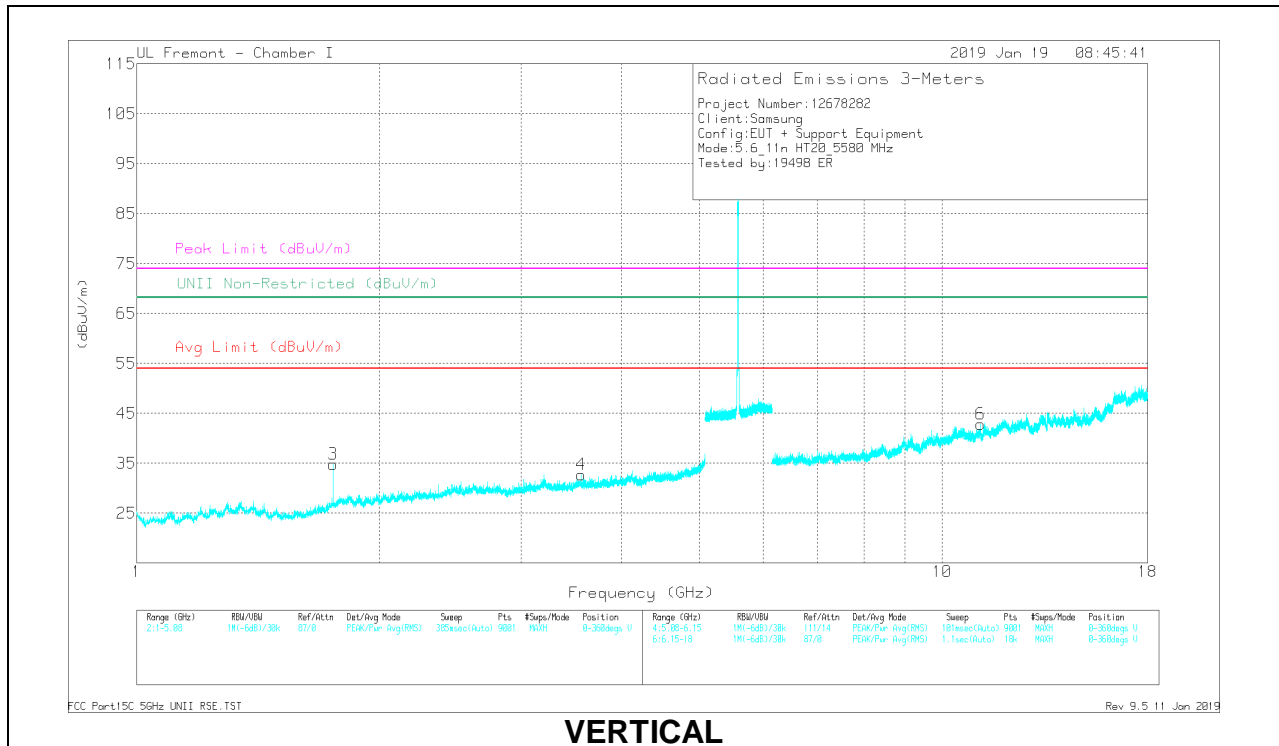
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

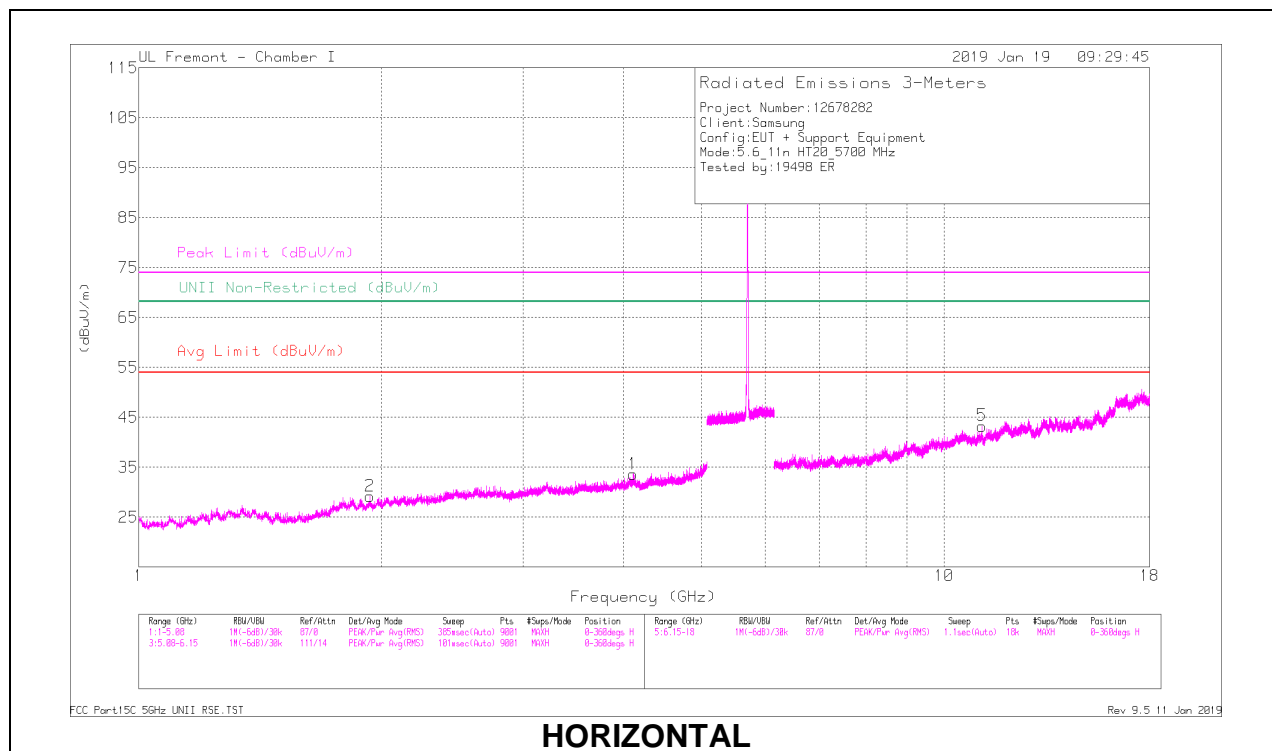
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp(C22/F12/PA d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3.212	34.62	PK-U	33.7	-29.9	0	38.42	-	-	-	-	68.2	-29.78	105	172	H
* 1.248	39.16	PK-U	28.9	-34	0	34.06	-	-	74	-39.94	-	-	288	246	H
* 1.249	23.28	ADR	23.9	-34	28	24.46	54	-29.54	-	-	-	-	288	246	H
1.751	36.93	PK-U	30.1	-33.1	0	33.93	-	-	-	-	68.2	-34.27	194	110	V
* 3.563	34.29	PK-U	33	-29.6	0	37.69	-	-	74	-36.31	-	-	201	213	V
* 3.563	24.93	ADR	33	-29.6	28	28.61	54	-25.39	-	-	-	-	201	213	V
* 11.148	26.27	PK-U	37.9	-16.4	0	47.77	-	-	74	-26.23	-	-	252	169	H
* 11.148	18.43	ADR	37.9	-16.4	28	40.21	54	-13.79	-	-	-	-	252	169	H
* 11.159	28.89	PK-U	37.9	-16.6	0	50.19	-	-	74	-23.81	-	-	342	120	V
* 11.16	21.31	ADR	37.9	-16.6	28	42.89	54	-11.11	-	-	-	-	342	120	V

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

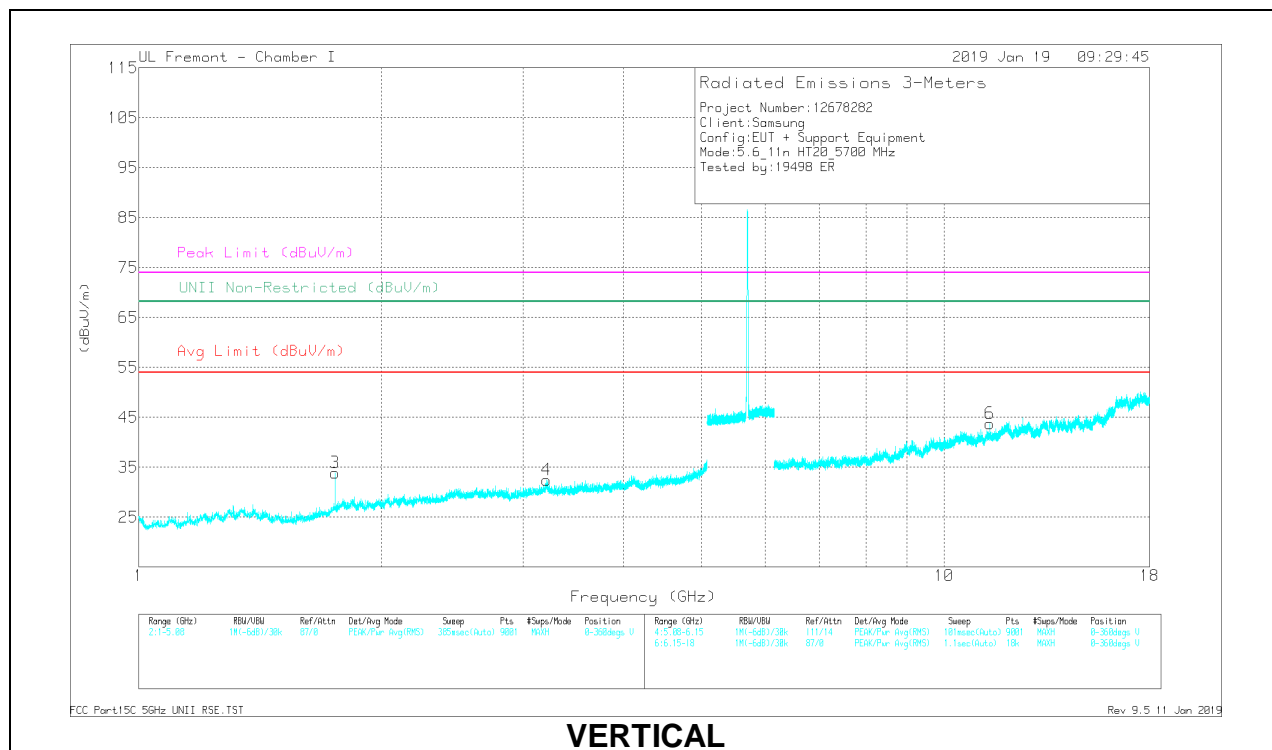
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

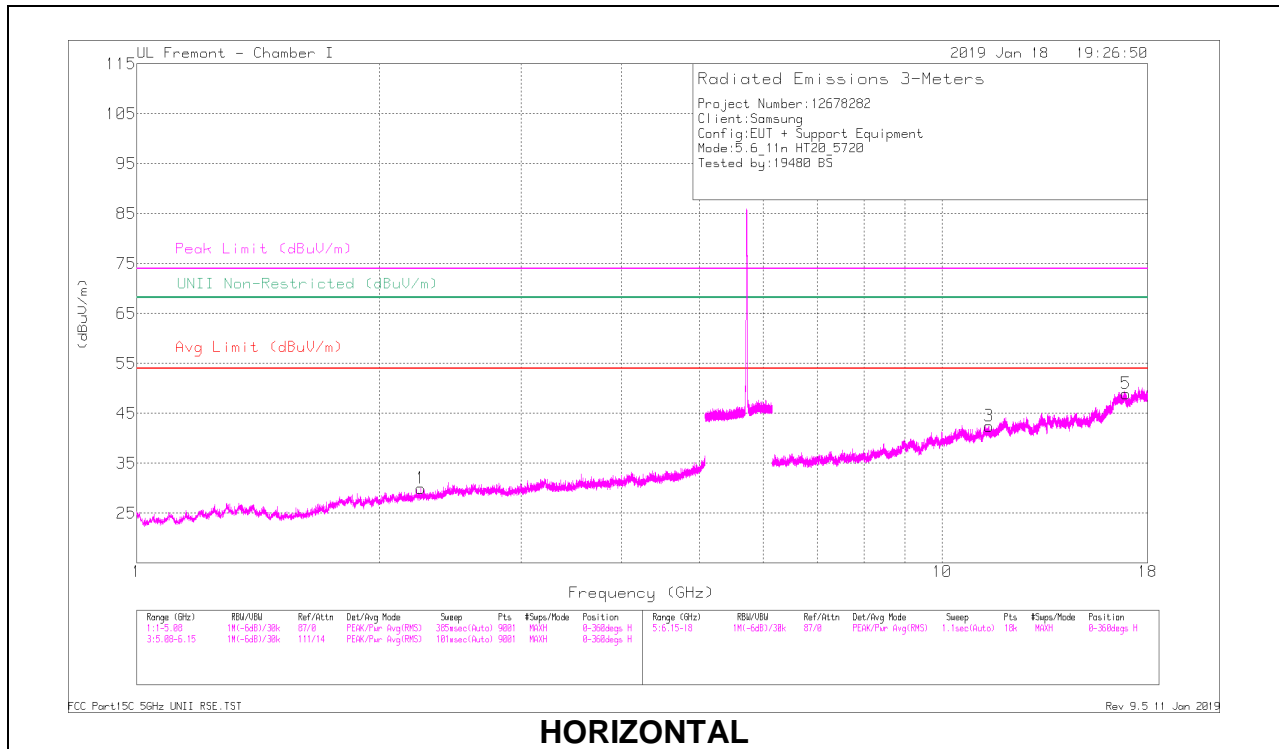
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp(C20/F10/PA d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.113	33.3	PK-U	33.4	-27.7	0	39	-	-	74	-35	-	-	270	147	H
* 4.113	25.44	ADR	33.4	-27.7	.28	31.42	54	-22.58	-	-	-	-	270	147	H
1.937	37.48	PK-U	30.7	-32.7	0	35.48	-	-	-	-	68.2	-32.72	108	141	H
1.754	35.64	PK-U	30.1	-33	0	32.74	-	-	-	-	68.2	-35.46	41	104	V
3.212	34.35	PK-U	33.6	-29.9	0	38.05	-	-	-	-	68.2	-30.15	188	275	V
* 11.146	26.37	PK-U	37.9	-16.4	0	47.87	-	-	74	-26.13	-	-	131	172	H
* 11.143	18.08	ADR	37.9	-16.5	.28	39.76	54	-14.24	-	-	-	-	131	172	H
* 11.4	29.31	PK-U	38.1	-16.1	0	51.31	-	-	74	-22.69	-	-	326	111	V
* 11.4	22.3	ADR	38.1	-16.1	.28	44.58	54	-9.42	-	-	-	-	326	111	V

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

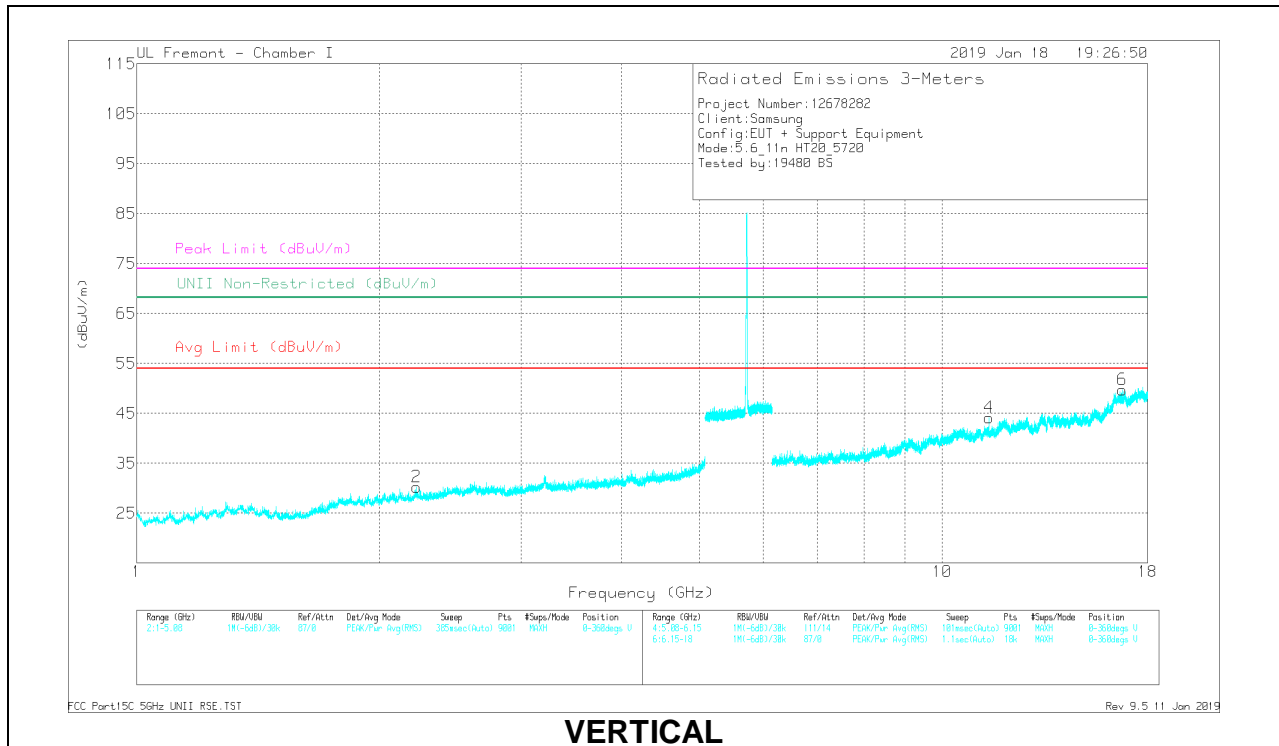
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 144 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Frequency (GHz)	Measr Reading (dBuV)	Det	AF T862 (dBm)	AmpC20/F10rPa d (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
* 2.252	36.96	PK-U	31.4	-32	0	36.36	-	-	74	-37.64	-	-	41	307	H
* 2.254	27.09	ADR	31.5	-31.9	.28	26.97	54	-27.03	-	-	-	-	41	307	H
* 2.228	38.54	PK-U	31.5	-31.8	0	36.24	-	-	74	-37.76	-	-	39	361	V
* 2.226	27.57	ADR	31.5	-31.9	.28	27.45	54	-26.55	-	-	-	-	39	361	V
* 11.44	28.06	PK-U	38.2	-16.4	0	49.86	-	-	74	-24.14	-	-	54	111	H
* 11.44	20.5	ADR	38.2	-16.4	.28	42.58	54	-11.42	-	-	-	-	54	111	H
16.932	25.21	PK-U	41.1	-10.9	0	55.41	-	-	-	-	68.2	-12.79	41	205	H
* 11.44	28.75	PK-U	38.1	-16.4	0	50.45	-	-	74	-23.55	-	-	59	111	V
* 11.44	21.5	ADR	38.2	-16.4	.28	43.58	54	-10.42	-	-	-	-	59	111	V
16.745	27.8	PK-U	41.4	-12.1	0	57.1	-	-	-	-	68.2	-11.1	193	388	V

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

PK-U - U-NII: Maximum Peak

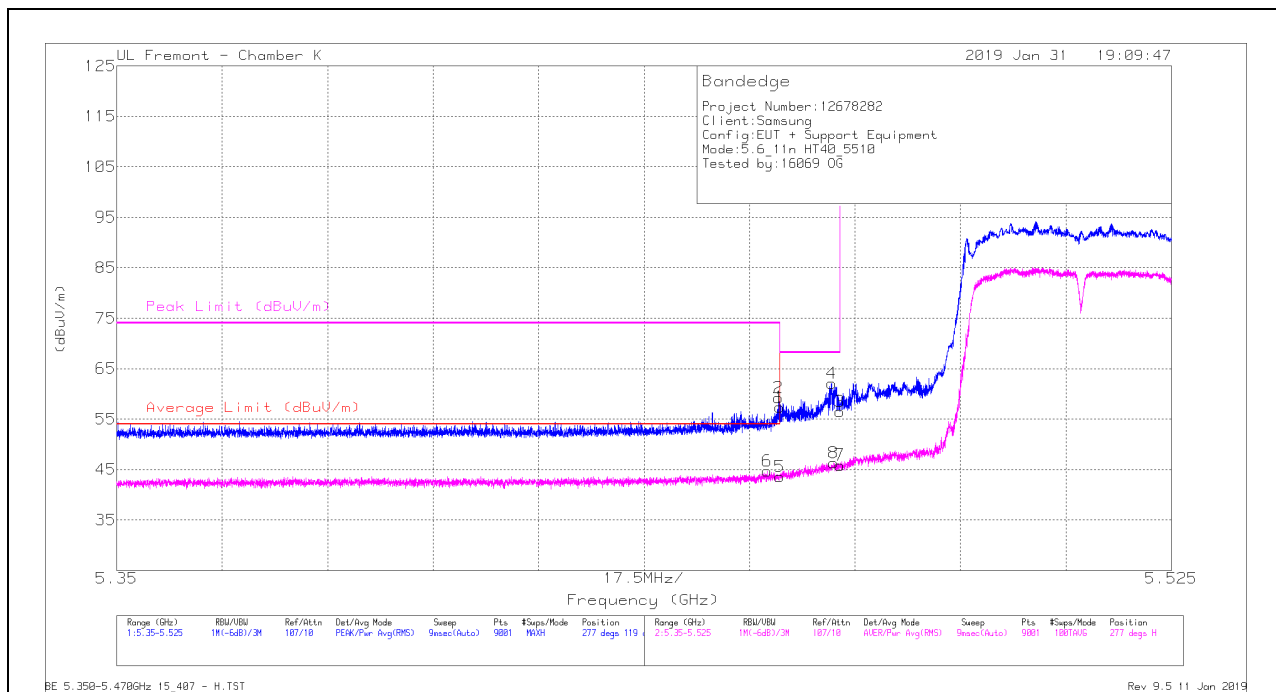
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL)

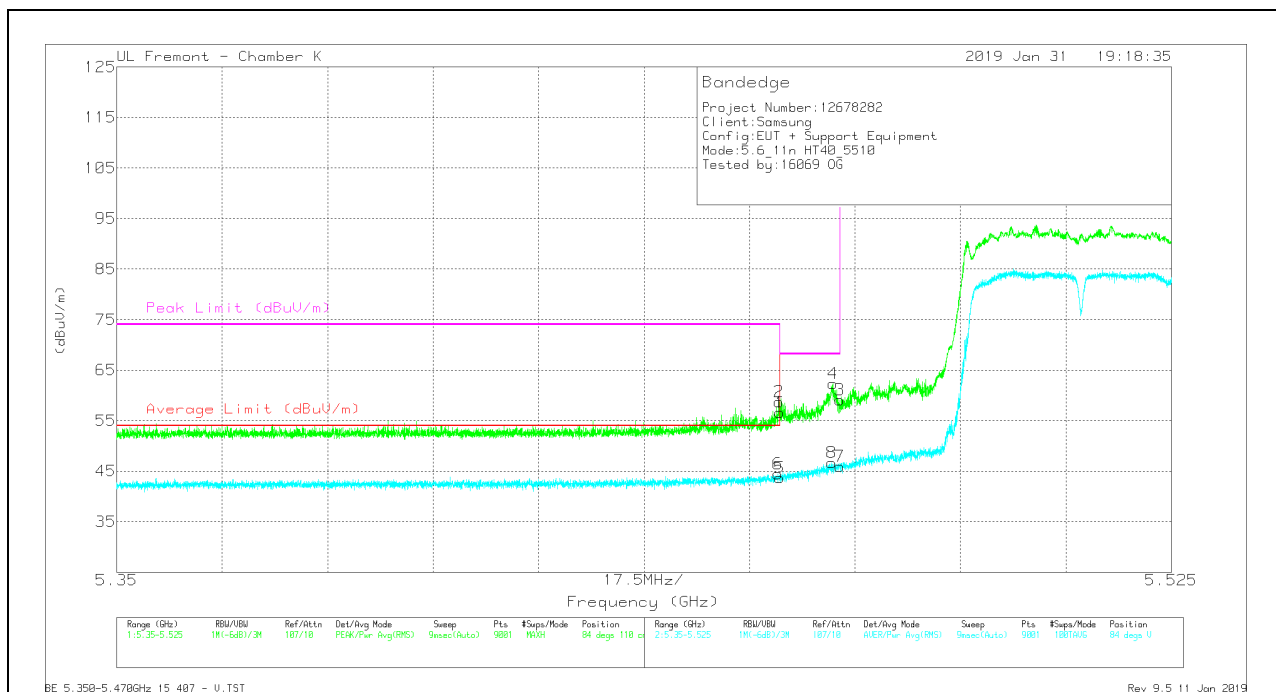
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (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	* 5.46	42.57	Pk	34.5	-19.7	0	57.37	-	-	74	-16.63	277	119	H
2	* 5.46	44.46	Pk	34.5	-19.7	0	59.26	-	-	74	-14.74	277	119	H
3	5.47	41.72	Pk	34.5	-19.7	0	56.52	-	-	68.2	-11.68	277	119	H
4	5.469	47.3	Pk	34.5	-19.7	0	62.1	-	-	68.2	-6.1	277	119	H
5	* 5.46	28.03	RMS	34.5	-19.7	.71	43.54	54	-10.46	-	-	277	119	H
6	* 5.458	29.15	RMS	34.5	-19.7	.71	44.66	54	-9.34	-	-	277	119	H
7	5.47	30.37	RMS	34.5	-19.7	.71	45.88	-	-	-	-	277	119	H
8	5.469	30.81	RMS	34.5	-19.7	.71	46.32	-	-	-	-	277	119	H

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

VERTICAL RESULT

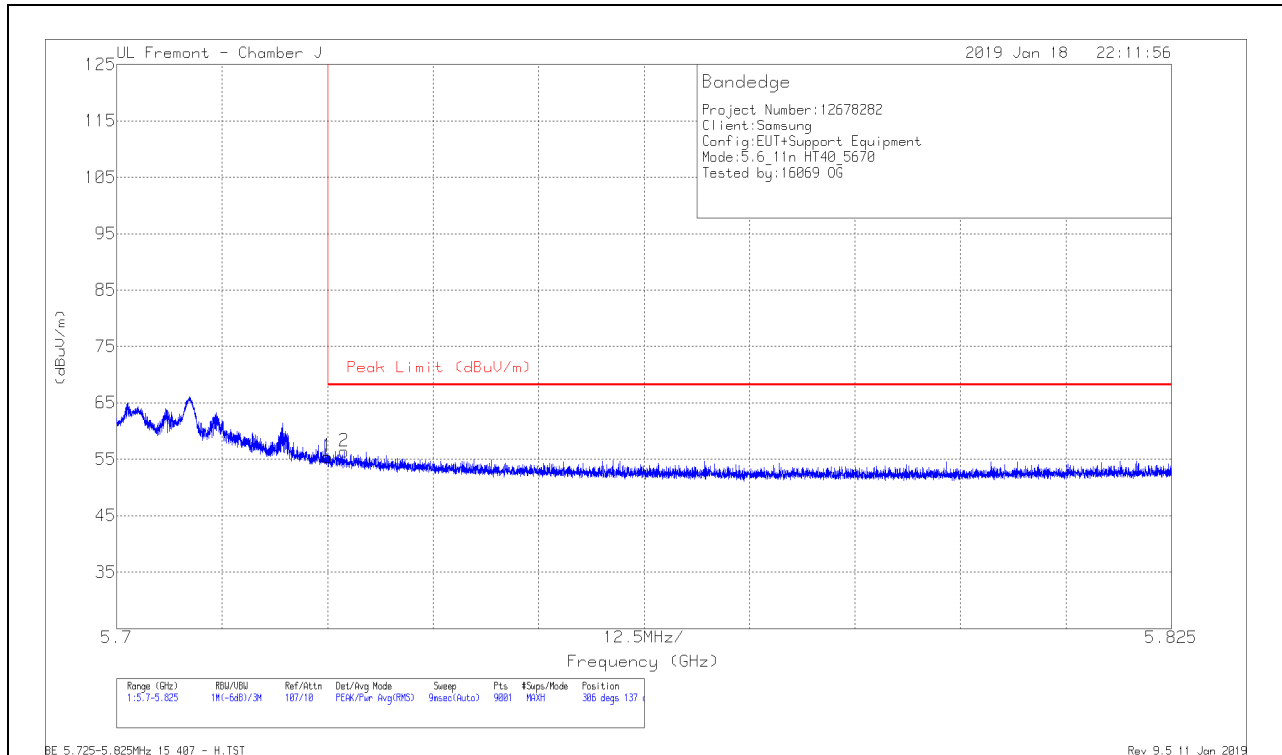


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/CSI/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	41.86	Pk	34.5	-19.7	0	56.66	-	-	74	-17.34	84	110	V
2	* 5.46	43.88	Pk	34.5	-19.7	0	58.68	-	-	74	-15.32	84	110	V
3	5.47	44.27	Pk	34.5	-19.7	0	59.07	-	-	68.2	-9.13	84	110	V
4	5.469	47.55	Pk	34.5	-19.7	0	62.35	-	-	68.2	-5.85	84	110	V
5	* 5.46	28.15	RMS	34.5	-19.7	.71	43.66	54	-10.34	-	-	84	110	V
6	* 5.46	28.91	RMS	34.5	-19.7	.71	44.42	54	-9.58	-	-	84	110	V
7	5.47	30.47	RMS	34.5	-19.7	.71	45.98	-	-	-	-	84	110	V
8	5.469	31.18	RMS	34.5	-19.7	.71	46.69	-	-	-	-	84	110	V

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

BANDEDGE (HIGH CHANNEL)

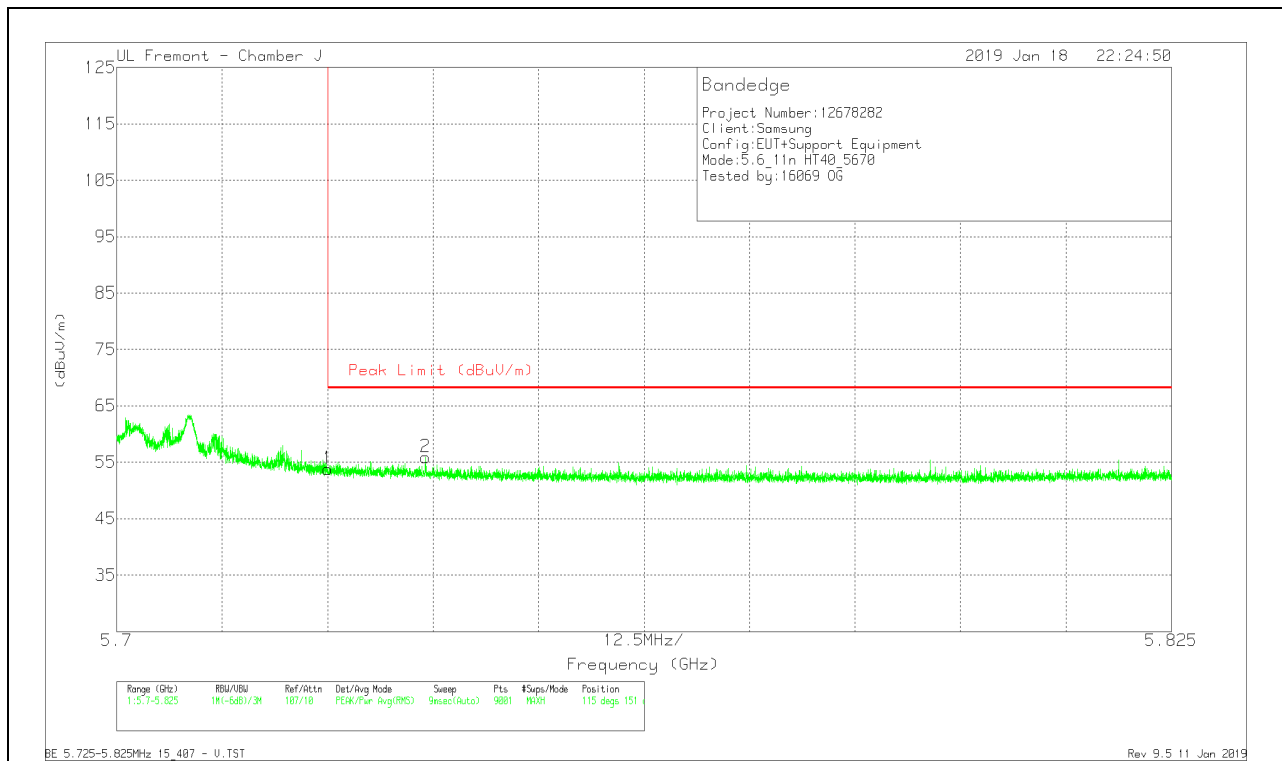
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dB/m)	Amp/Cb/Fitr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	41.56	Pk	34.7	-20.8	0	55.46	68.2	-12.74	306	137	H
2	5.727	42.5	Pk	34.7	-20.8	0	56.4	68.2	-11.8	306	137	H

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

VERTICAL RESULT

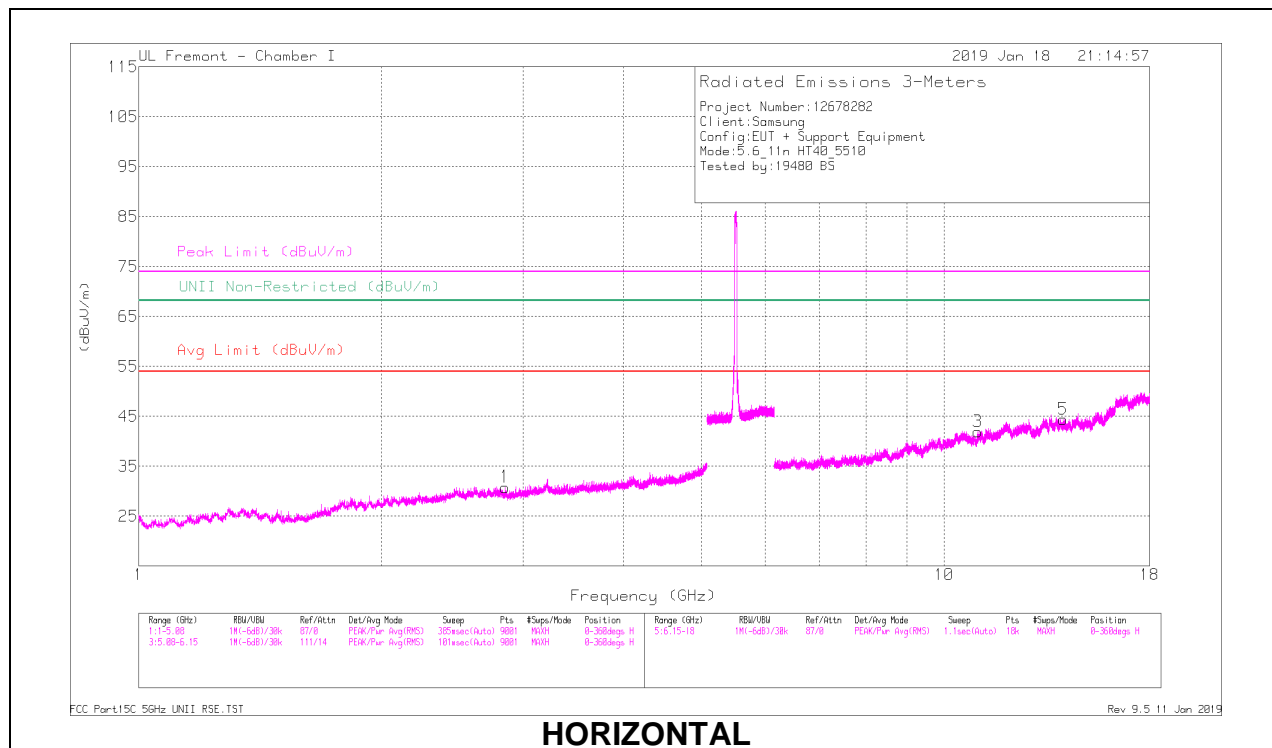


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dB/m)	Amp/Cb/Filtr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.86	Pk	34.7	-20.8	0	53.76	68.2	-14.44	115	151	V
2	5.737	42.03	Pk	34.7	-20.8	0	55.93	68.2	-12.27	115	151	V

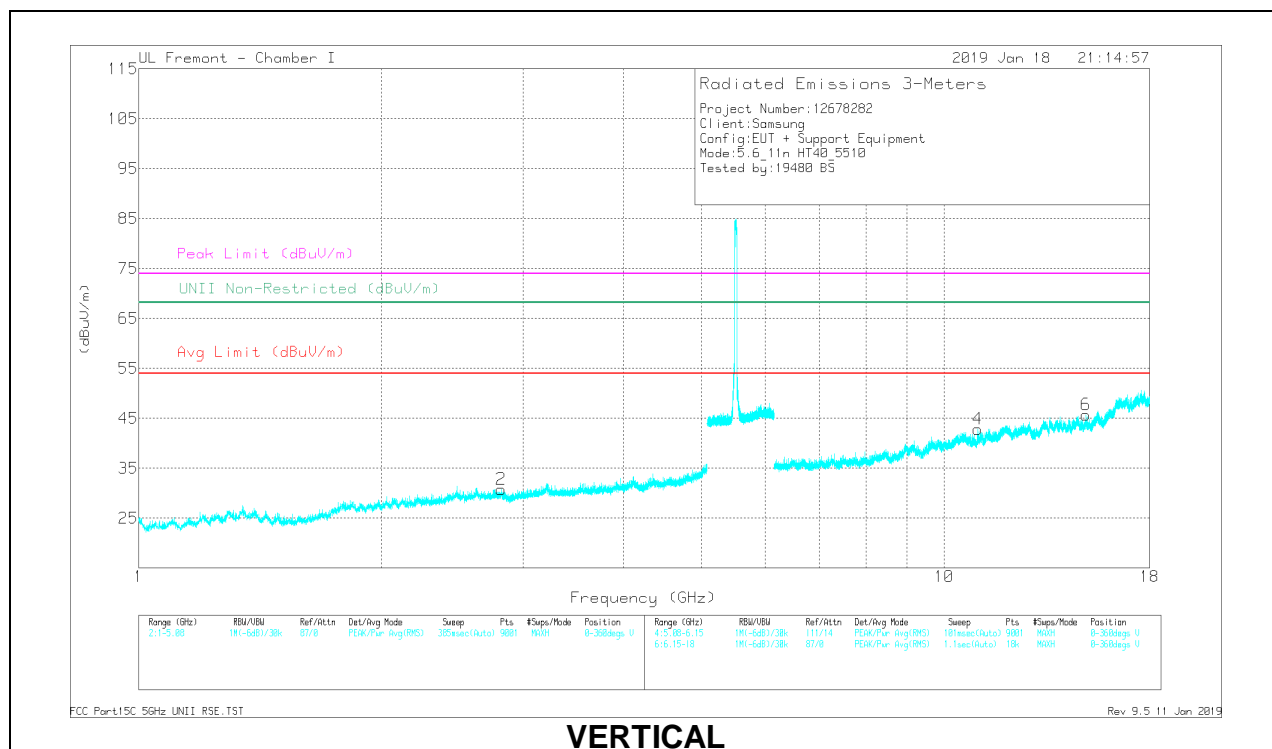
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

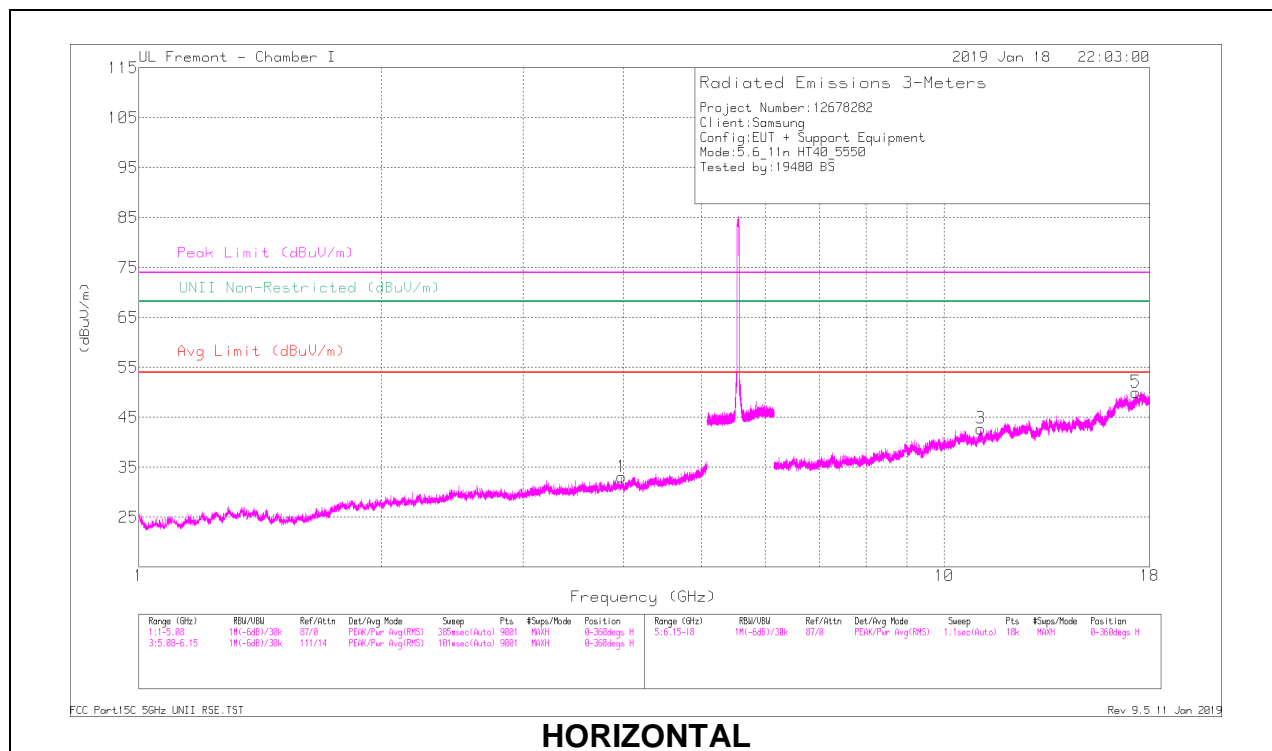
Frequency (GHz)	Measr Reading (dBuV)	Det	AF T862 (dBm)	AmpC20/F10rPa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.851	36.79	PK-U	32.2	-31.1	0	37.89	-	-	74	-36.11	-	-	259	177	H
* 2.849	26.45	ADR	32.2	-31.1	.71	28.26	54	-25.74	-	-	-	-	259	177	H
* 2.817	36.45	PK-U	32.3	-31	0	37.75	-	-	74	-36.25	-	-	201	166	V
* 2.817	26.52	ADR	32.3	-31	.71	28.53	54	-25.47	-	-	-	-	201	166	V
* 11.02	28.09	PK-U	37.8	-16.8	0	49.09	-	-	74	-24.91	-	-	54	104	H
* 11.02	19.35	ADR	37.8	-16.8	.71	41.06	54	-12.94	-	-	-	-	54	104	H
14.051	28.12	PK-U	39.3	-17	0	50.42	-	-	-	-	68.2	-17.78	7	153	H
* 11.02	29.12	PK-U	37.8	-16.8	0	50.12	-	-	74	-23.88	-	-	87	104	V
* 11.02	21.33	ADR	37.8	-16.8	.71	43.04	54	-10.96	-	-	-	-	87	104	V
15.007	25.52	PK-U	39.6	-14	0	51.12	-	-	-	-	68.2	-17.08	145	280	V

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

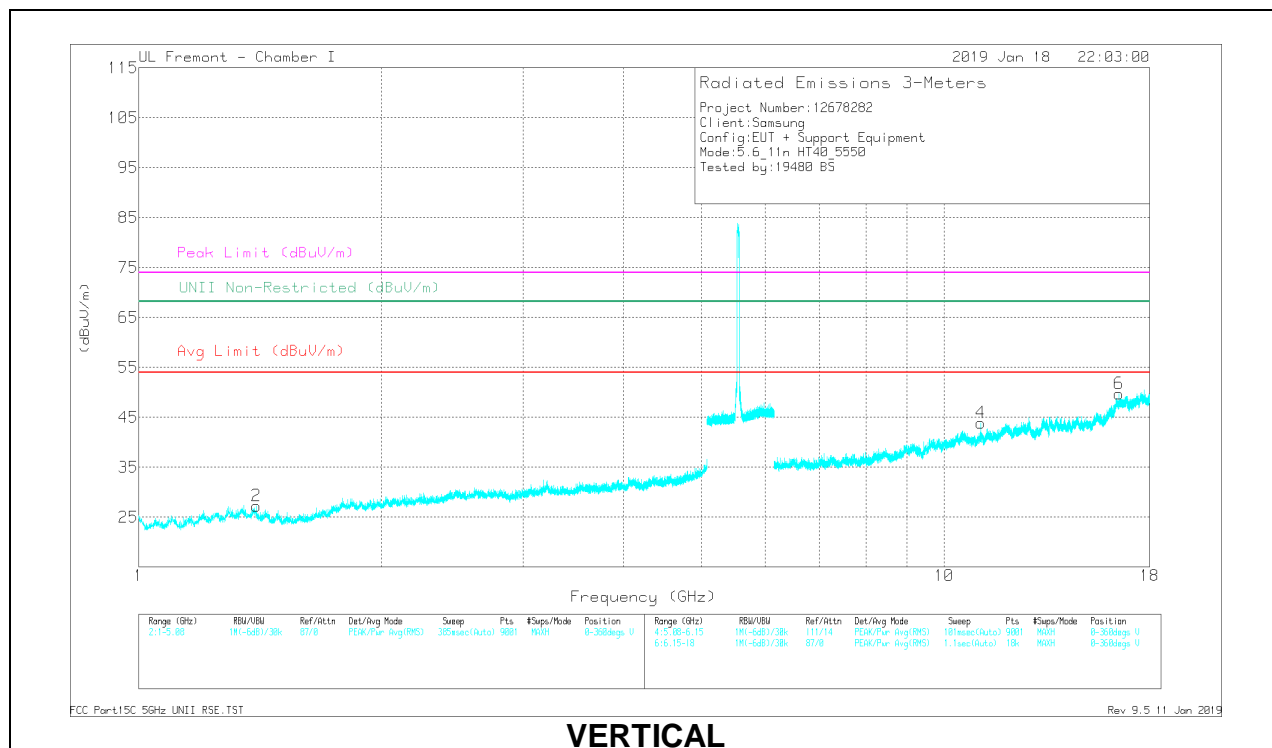
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



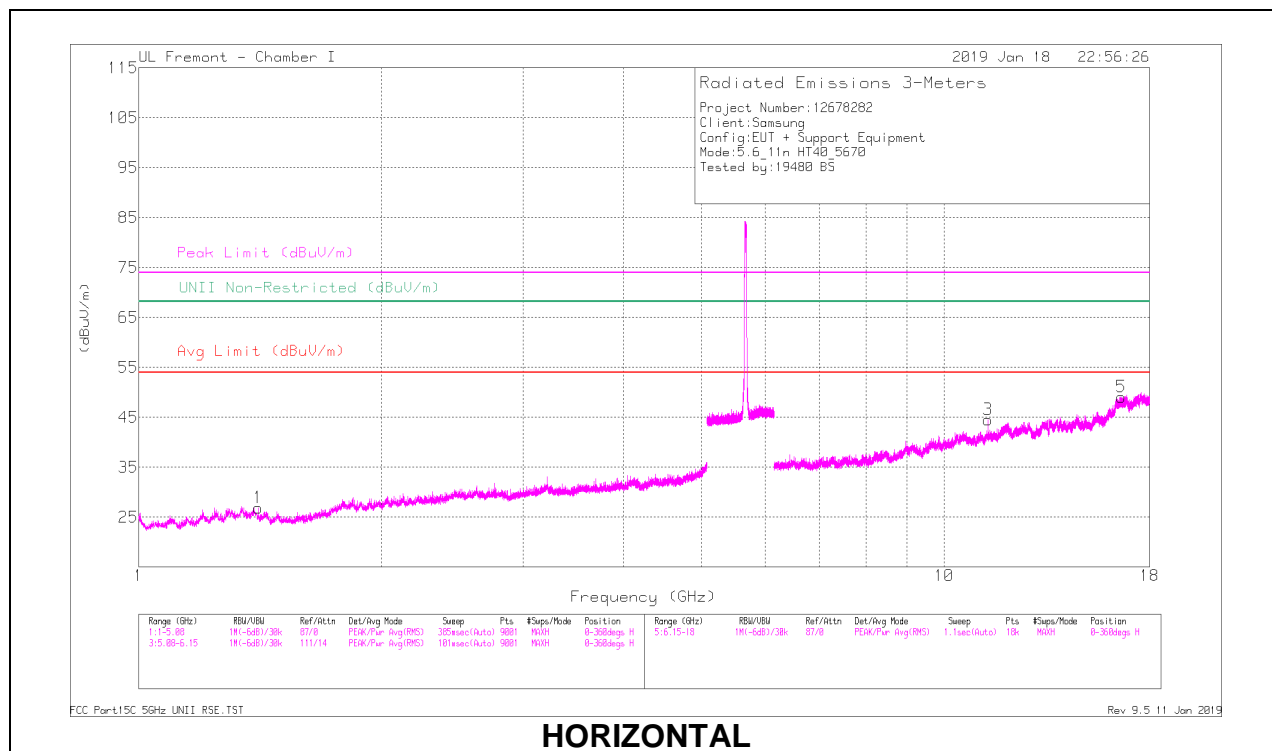
VERTICAL

RADIATED EMISSIONS

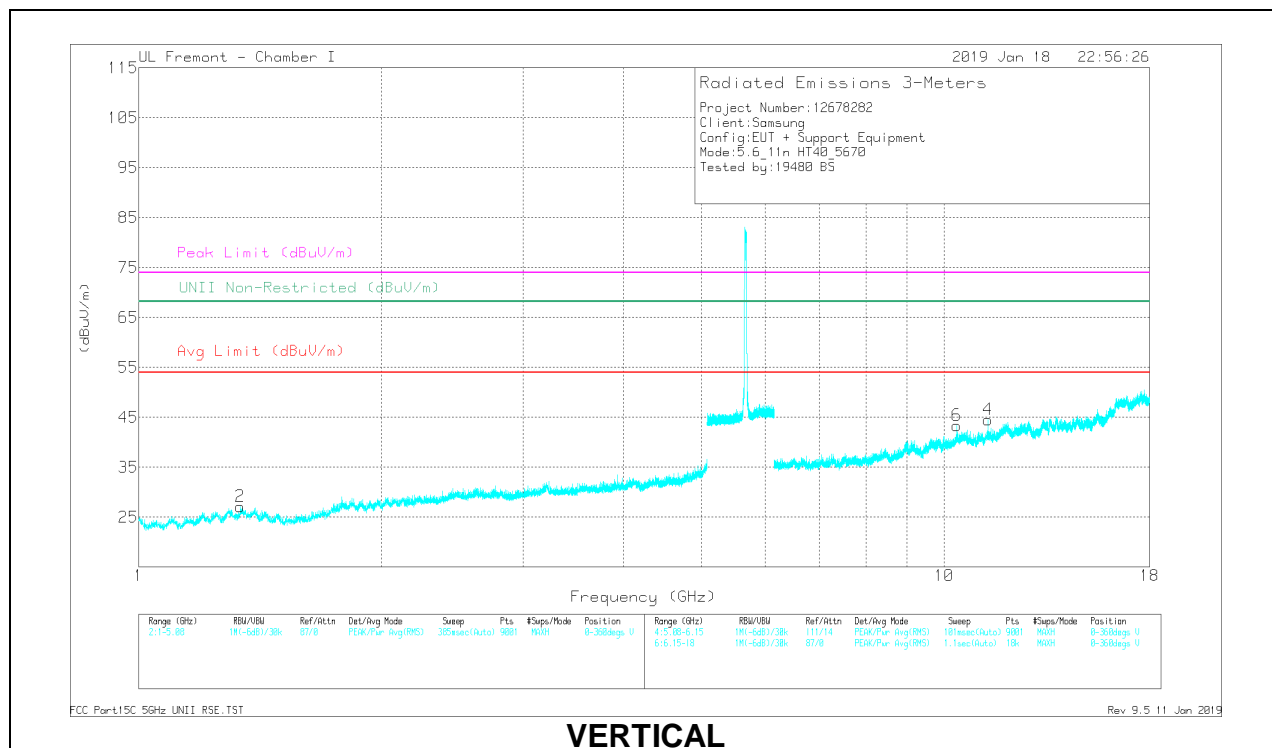
Frequency (GHz)	Measr Reading (dBuV)	Det	AF Y862 (dBm)	AmpC50/F10rPa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.978	34.5	PK-U	33.3	-29.4	0	38.4	-	-	74	-35.6	-	-	234	146	H
* 3.977	25.43	ADR	33.3	-29.4	.71	30.04	54	-23.96	-	-	-	-	234	146	H
* 1.4	39.04	PK-U	29	-33.4	0	34.64	-	-	74	-39.36	-	-	5	354	V
* 1.399	28.49	ADR	29.1	-33.4	.71	24.9	54	-29.1	-	-	-	-	5	354	V
* 11.1	28.54	PK-U	37.8	-16.9	0	49.44	-	-	74	-24.56	-	-	57	126	H
* 11.1	19.21	ADR	37.9	-16.9	.71	40.92	54	-13.08	-	-	-	-	57	126	H
17.292	26.7	PK-U	41.1	-11.5	0	56.3	-	-	-	-	68.2	-11.9	327	326	H
* 11.1	29.5	PK-U	37.8	-16.9	0	50.4	-	-	74	-23.6	-	-	88	108	V
* 11.1	22.32	ADR	37.9	-16.9	.71	44.03	54	-9.97	-	-	-	-	88	108	V
16.492	27.07	PK-U	41.3	-12.4	0	55.97	-	-	-	-	68.2	-12.23	240	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

HIGH CHANNEL RESULTS



HORIZONTAL



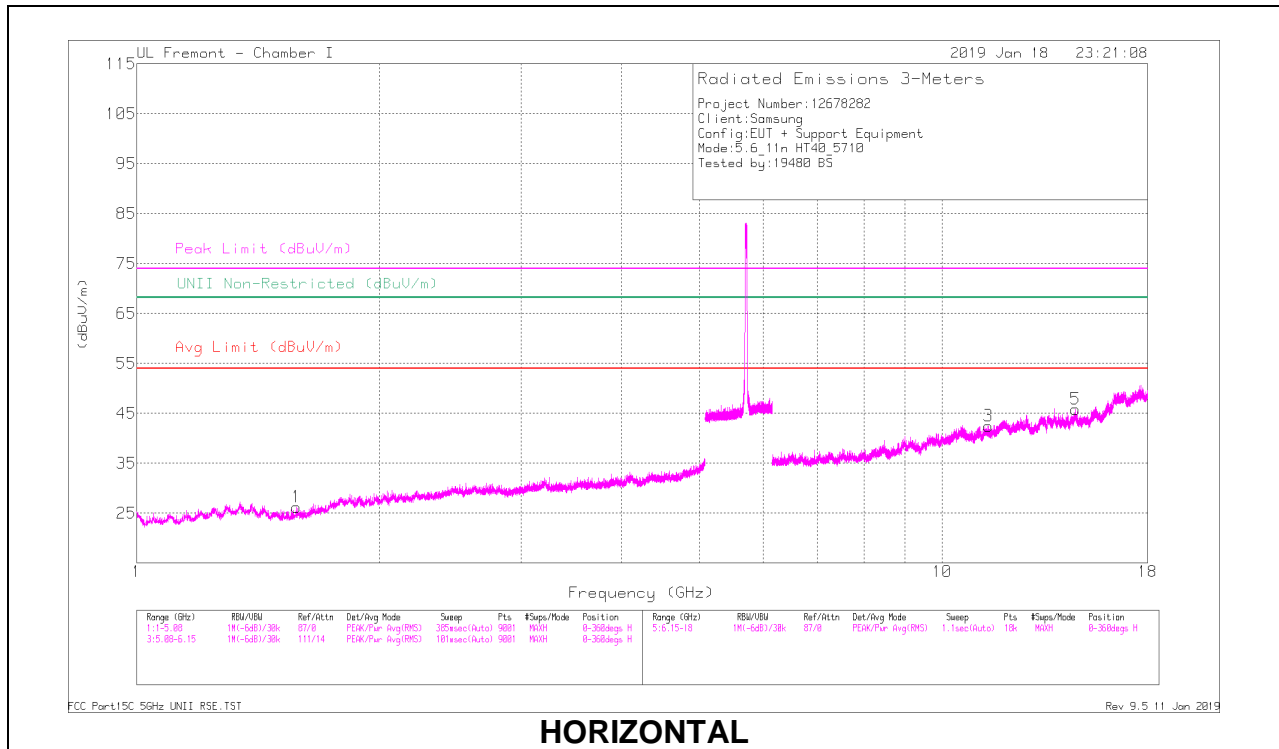
VERTICAL

RADIATED EMISSIONS

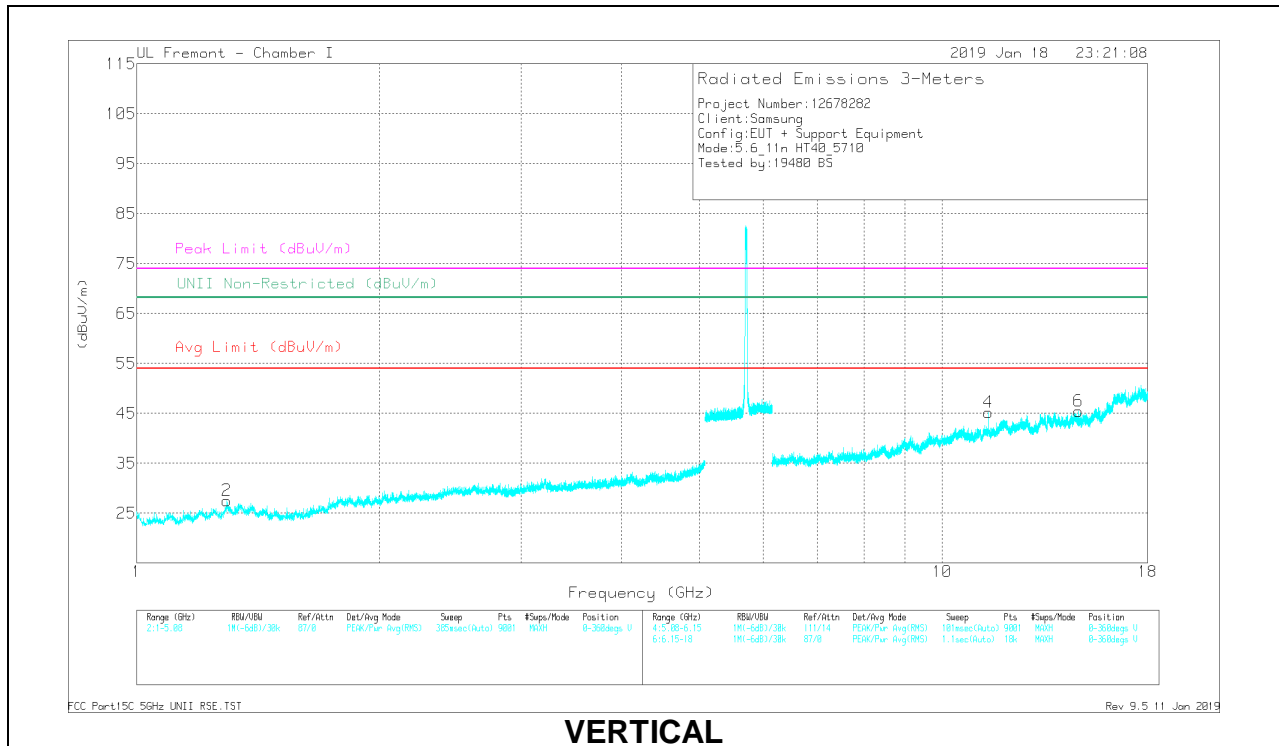
Frequency (GHz)	Measr Reading (dBuV)	Det	AF T862 (dBm)	AmpC20/F10rPa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.405	37.45	PK-U	28.9	-33.5	0	32.85	-	-	74	-41.15	-	-	288	133	H
* 1.408	27.32	ADR	28.8	-33.3	.71	23.53	54	-30.47	-	-	-	-	288	133	H
* 1.336	37.88	PK-U	29.3	-33.6	0	33.88	-	-	74	-40.32	-	-	304	197	V
* 1.336	28.35	ADR	29.3	-33.6	.71	24.76	54	-29.24	-	-	-	-	304	197	V
* 11.34	28.45	PK-U	38.1	-16.7	0	49.85	-	-	74	-24.15	-	-	51	108	H
* 11.34	20.53	ADR	38.1	-16.7	.71	42.64	54	-11.36	-	-	-	-	51	108	H
16.608	25.36	PK-U	41.4	-11.6	0	55.16	-	-	-	-	68.2	-13.04	224	268	H
* 11.34	29.14	PK-U	38.1	-16.7	0	50.54	-	-	74	-23.46	-	-	326	106	V
* 11.34	21.88	ADR	38.1	-16.7	.71	44.09	54	-9.91	-	-	-	-	326	106	V
10.377	27.24	PK-U	37.4	-16.4	0	48.24	-	-	-	-	68.2	-19.96	83	212	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

Frequency (GHz)	Measr Reading (dBuV)	Det	AF T862 (dBm)	Amp/Cou/Att/PA d (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
* 1.578	37.53	PK-U	28	-33	0	32.53	-	-	74	-41.47	-	-	236	316	H
* 1.578	28.09	ADR	28	-33	.71	23.8	54	-30.2	-	-	-	-	236	316	H
* 1.285	39.24	PK-U	29.3	-33.7	0	34.84	-	-	74	-39.16	-	-	317	300	V
* 1.283	28.79	ADR	29.3	-33.7	.71	25.1	54	-28.9	-	-	-	-	317	300	V
* 11.419	27.2	PK-U	38.1	-16.2	0	49.1	-	-	74	-24.9	-	-	215	378	H
* 11.415	17.39	ADR	38.1	-16.2	.71	40	54	-14	-	-	-	-	215	378	H
14.635	27.52	PK-U	40	-15.9	0	51.62	-	-	-	-	68.2	-16.58	325	286	H
* 11.42	28.37	PK-U	38.2	-16.2	0	50.37	-	-	74	-23.63	-	-	323	106	V
* 11.42	22.01	ADR	38.1	-16.2	.71	44.62	54	-9.38	-	-	-	-	323	106	V
14.773	27.04	PK-U	39.9	-16.4	0	50.54	-	-	-	-	68.2	-17.66	65	149	V

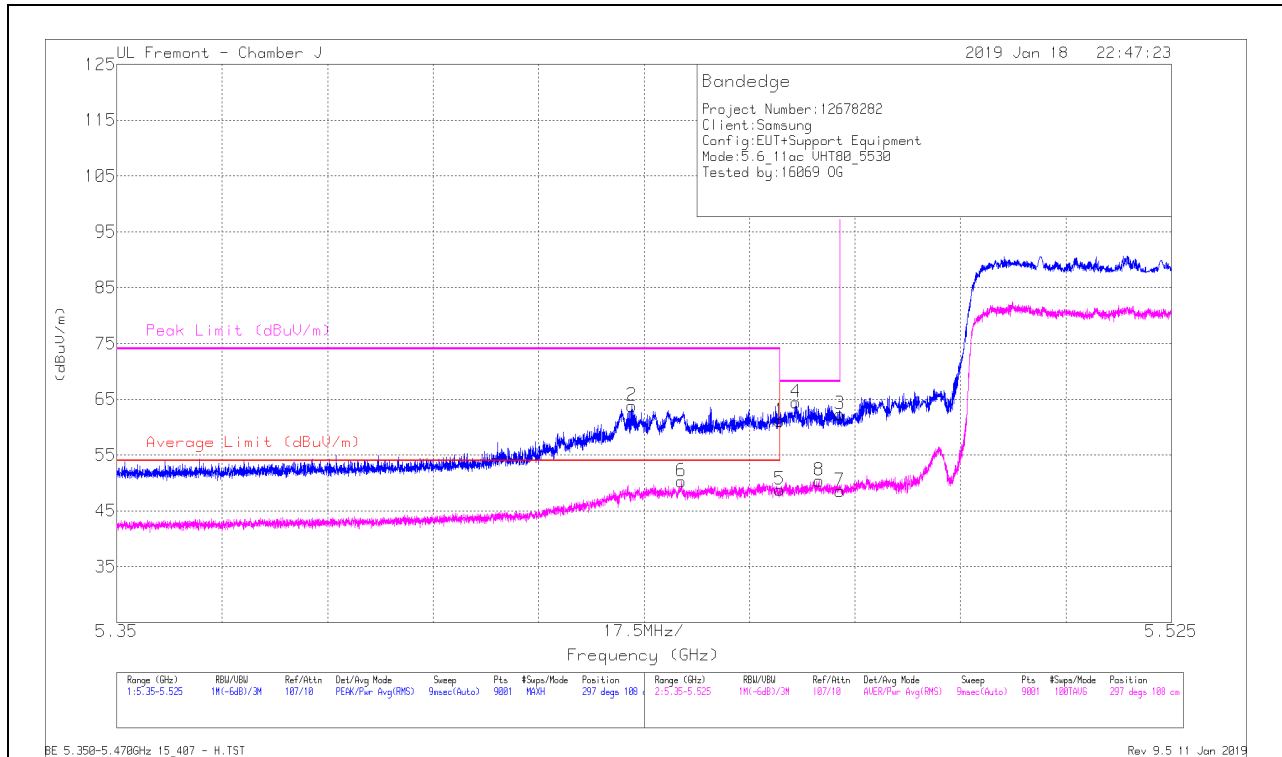
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



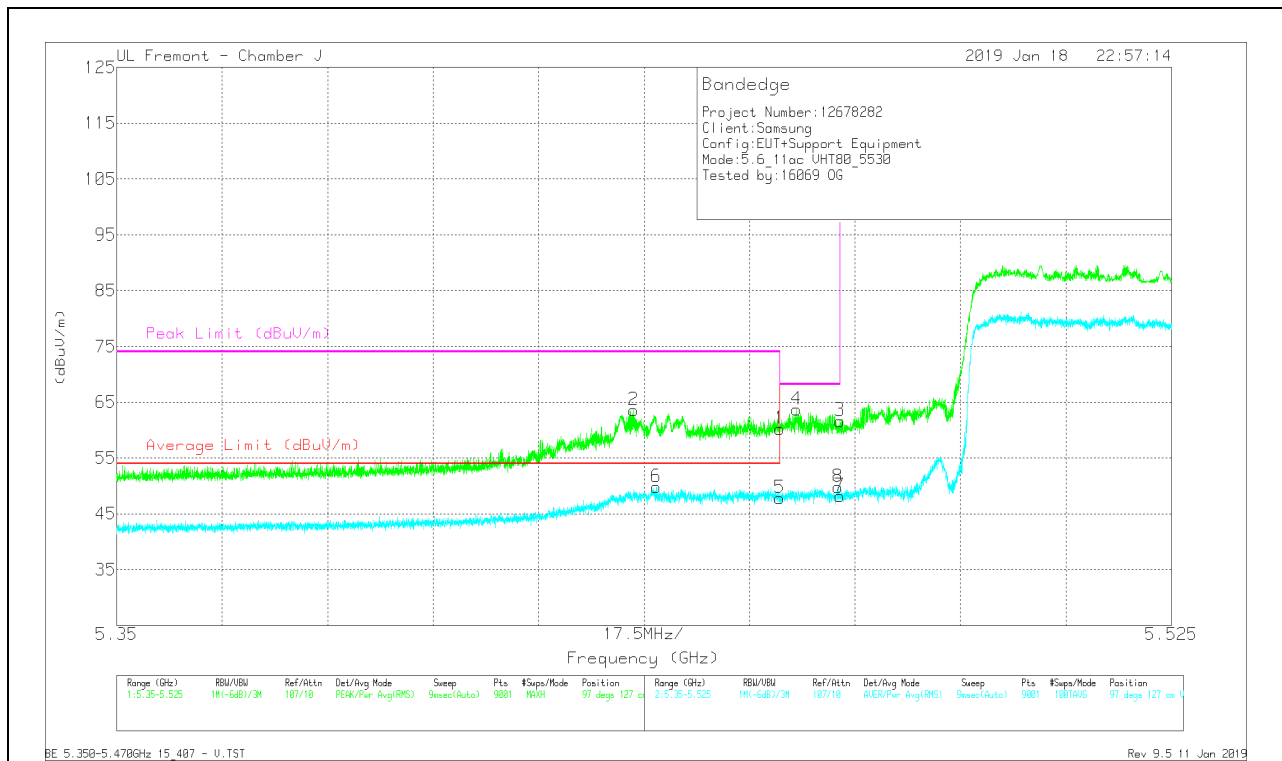
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	47.55	Pk	34.5	-20.9	0	61.15	-	-	74	-12.85	297	108	H
2	* 5.435	50.34	Pk	34.5	-21	0	63.84	-	-	74	-10.16	297	108	H
3	5.47	48.7	Pk	34.5	-20.9	0	62.3	-	-	68.2	-5.9	297	108	H
4	5.463	50.89	Pk	34.5	-20.9	0	64.49	-	-	68.2	-3.71	297	108	H
5	* 5.46	33.88	RMS	34.5	-20.9	1.29	48.77	54	-5.23	-	-	297	108	H
6	* 5.444	35.45	RMS	34.5	-21	1.29	50.24	54	-3.76	-	-	297	108	H
7	5.47	33.7	RMS	34.5	-20.9	1.29	48.59	-	-	-	-	297	108	H
8	5.467	35.47	RMS	34.5	-20.9	1.29	50.36	-	-	-	-	297	108	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

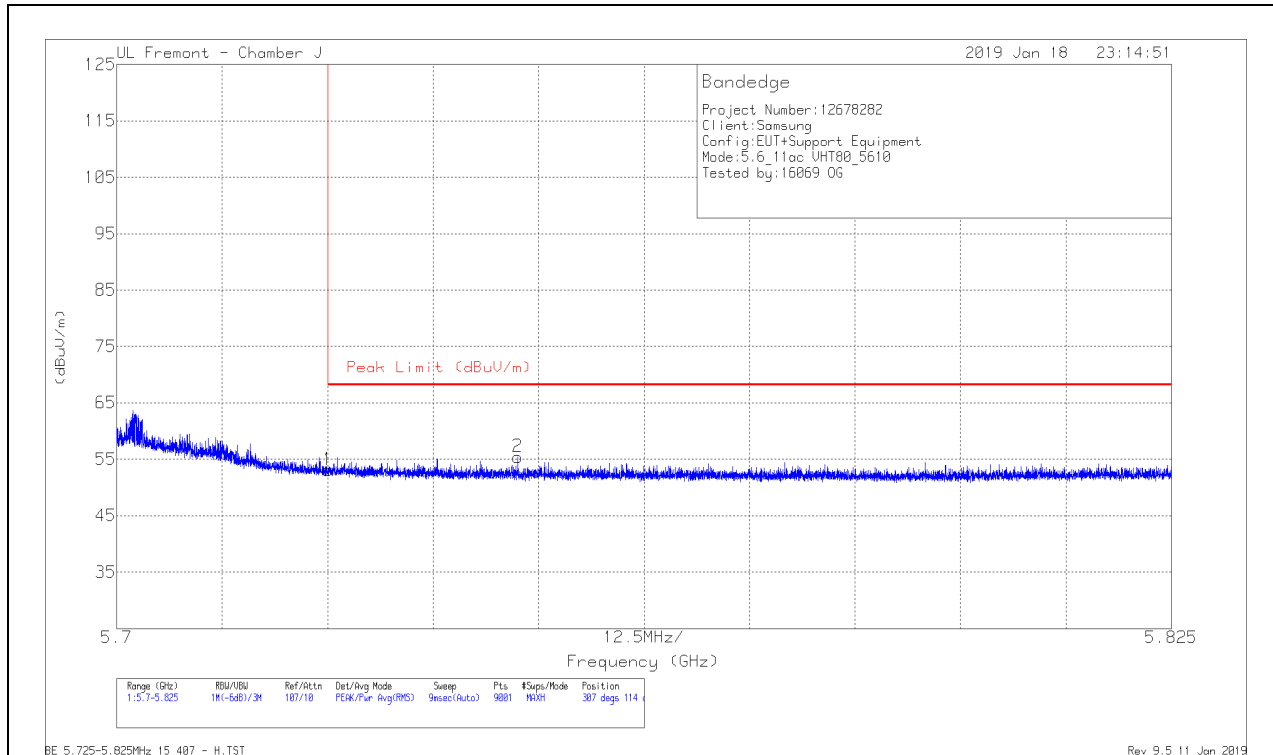


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT10067 (dBm)	Amp/Cb/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	46.66	Pk	34.5	-20.9	0	60.26	-	-	74	-13.74	97	127	V
2	* 5.436	50.02	Pk	34.5	-21	0	63.52	-	-	74	-10.48	97	127	V
3	5.47	48.05	PK	34.5	-20.9	0	61.65	-	-	68.2	-6.55	97	127	V
4	5.463	50.08	PK	34.5	-20.9	0	63.68	-	-	68.2	-4.52	97	127	V
5	* 5.46	32.92	RMS	34.5	-20.9	1.29	47.81	54	-6.19	-	-	97	127	V
6	* 5.44	34.97	RMS	34.5	-21	1.29	49.76	54	-4.24	-	-	97	127	V
7	5.47	33.27	RMS	34.5	-20.9	1.29	48.16	-	-	-	-	97	127	V
8	5.47	34.9	RMS	34.5	-20.9	1.29	49.79	-	-	-	-	97	127	V

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

BANDEDGE (HIGH CHANNEL)

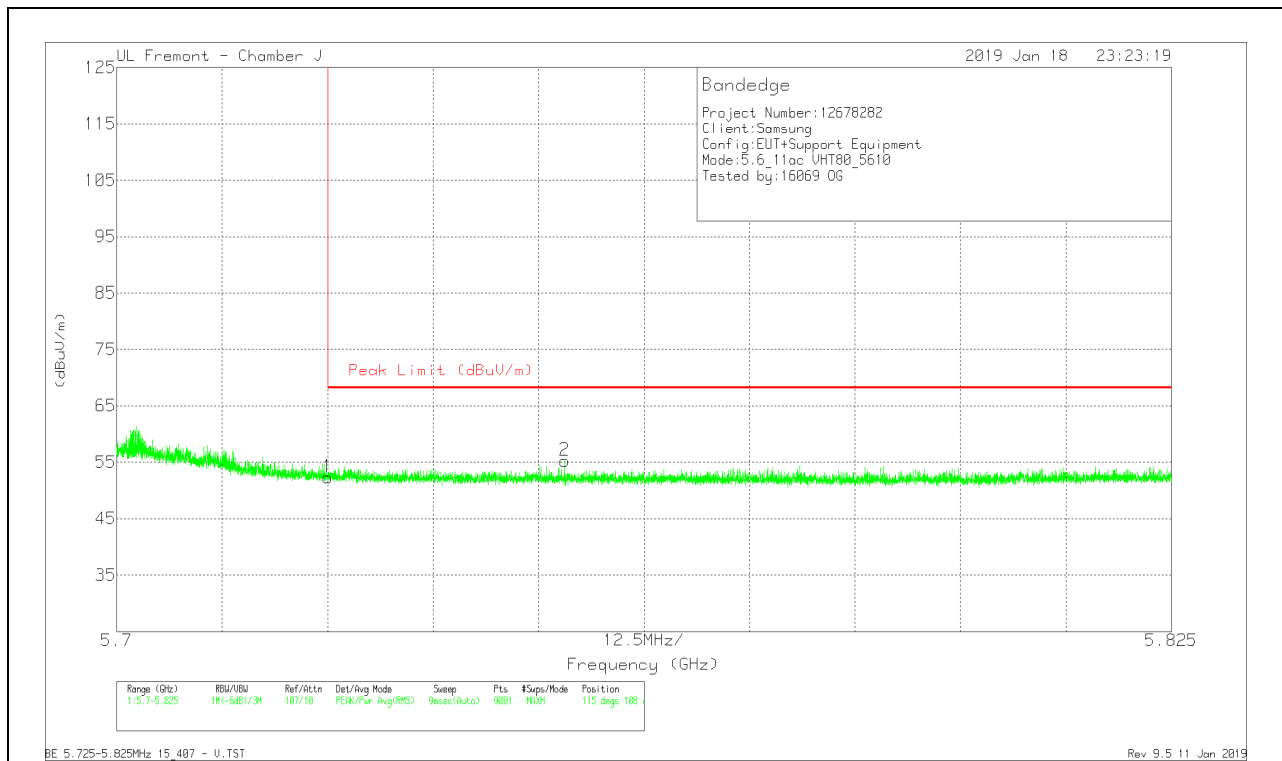
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dB/m)	Amp/Cb/Fitr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.15	Pk	34.7	-20.8	0	53.05	68.2	-15.15	307	114	H
2	5.748	41.5	Pk	34.7	-20.8	0	55.4	68.2	-12.8	307	114	H

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

VERTICAL RESULT

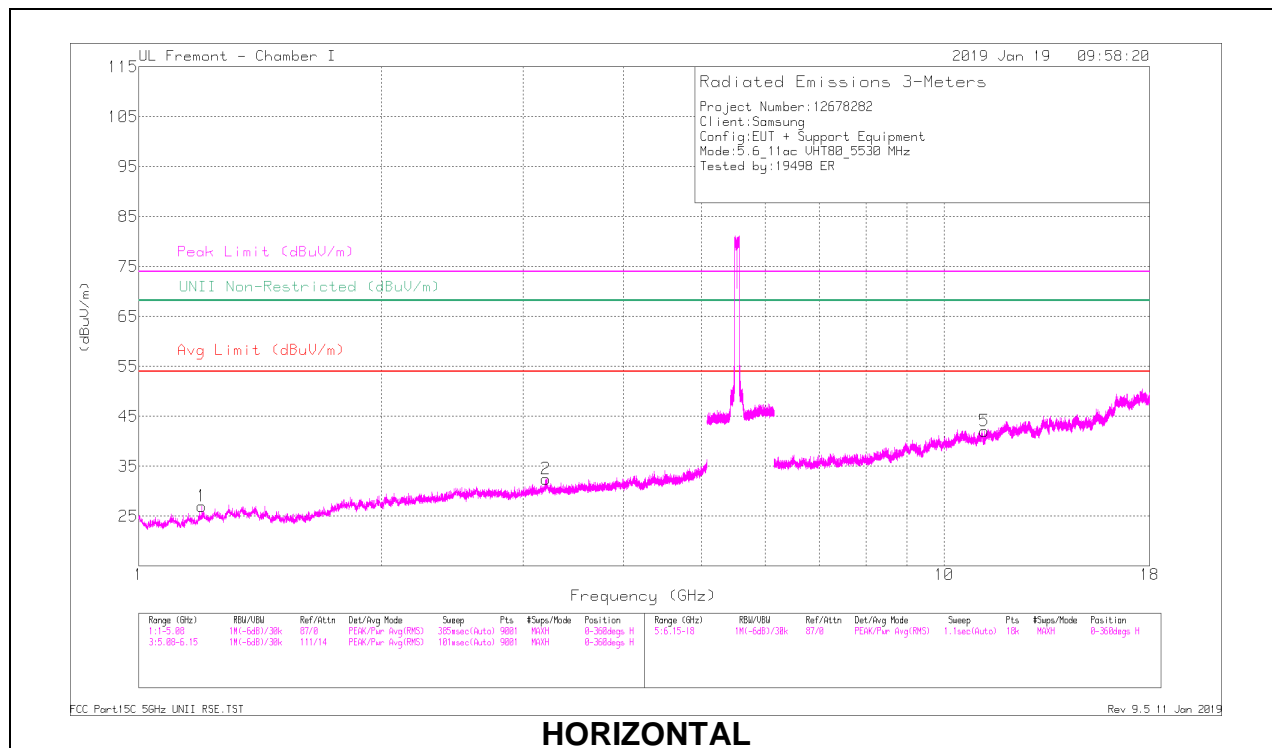


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dB/m)	Amp/Cb/Filtr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.41	Pk	34.7	-20.8	0	52.31	68.2	-15.89	115	108	V
2	5.753	41.4	Pk	34.7	-20.8	0	55.3	68.2	-12.9	115	108	V

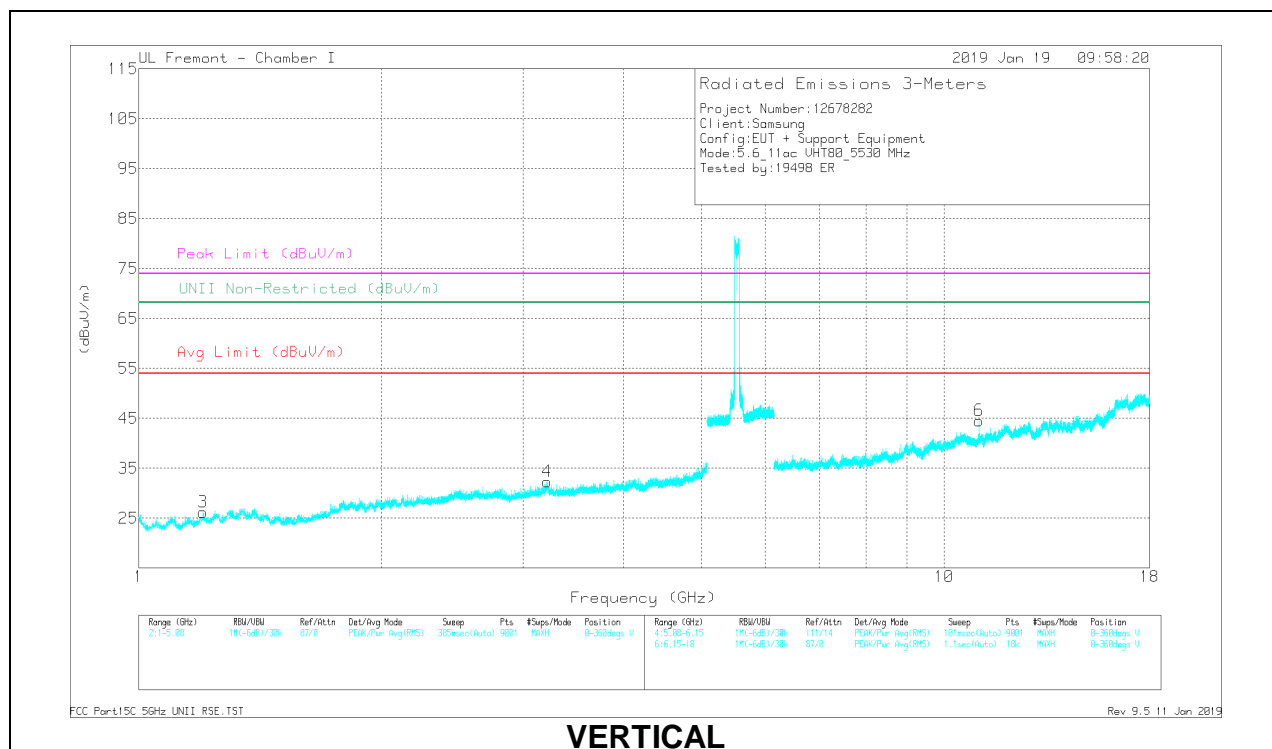
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

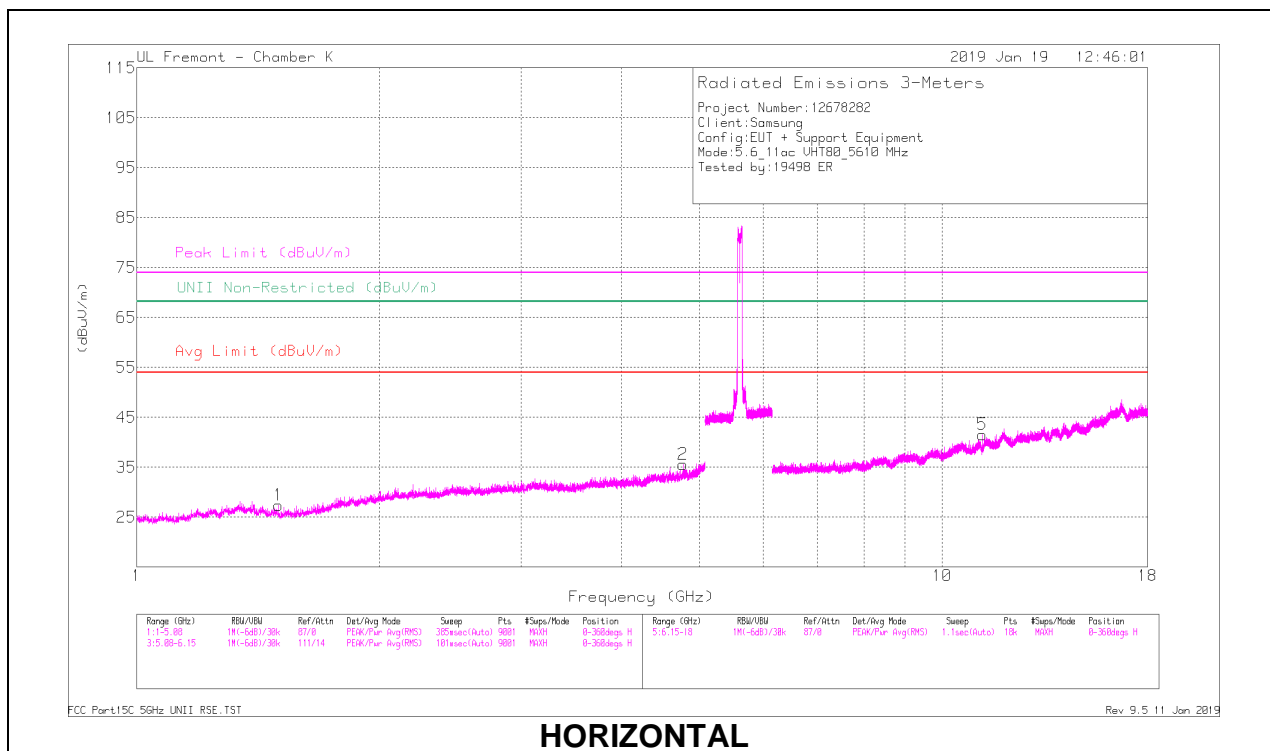
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp(C20/F10/PAd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3.042	36.28	PK-U	32.6	-30.7	0	38.18	-	-	-	-	68.2	-30.02	287	135	H
3.037	26.13	ADR	32.6	-30.7	1.29	29.32	-	-	-	-	-	-	287	135	H
3.204	33.68	PK-U	33.2	-29.9	0	36.98	-	-	-	-	68.2	-31.22	114	248	H
* 1.203	37.33	PK-U	28.4	-34	0	31.73	-	-	74	-42.27	-	-	205	224	V
* 1.204	28.77	ADR	28.4	-34	1.29	24.46	54	-29.54	-	-	-	-	205	224	V
3.215	35.63	PK-U	33.5	-29.8	0	39.33	-	-	-	-	68.2	-28.87	249	172	V
* 11.225	27.11	PK-U	37.9	-16.9	0	48.11	-	-	74	-25.89	-	-	97	102	H
* 11.228	17.44	ADR	37.9	-16.9	1.29	39.73	54	-14.27	-	-	-	-	97	102	H
* 11.08	28.25	PK-U	37.8	-16.8	0	49.25	-	-	74	-24.75	-	-	1	110	V
* 11.08	20.86	ADR	37.8	-16.8	1.29	43.15	54	-10.85	-	-	-	-	1	110	V

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

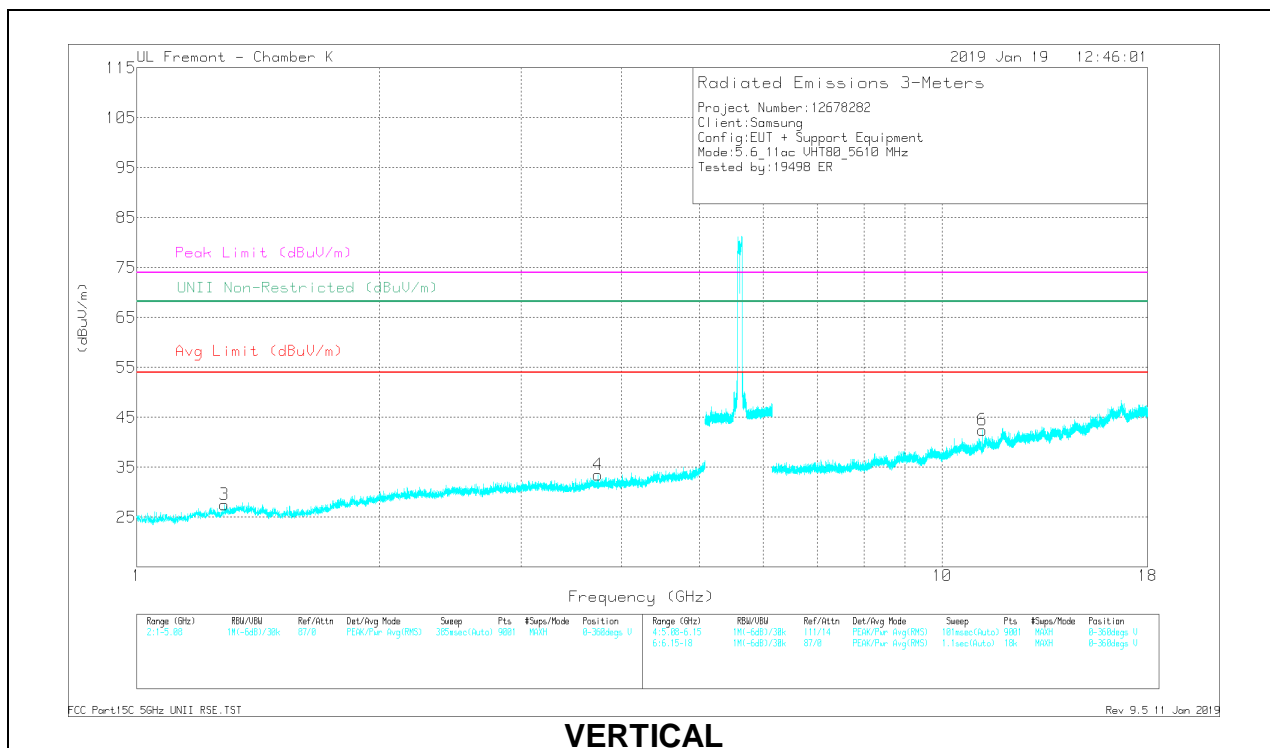
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



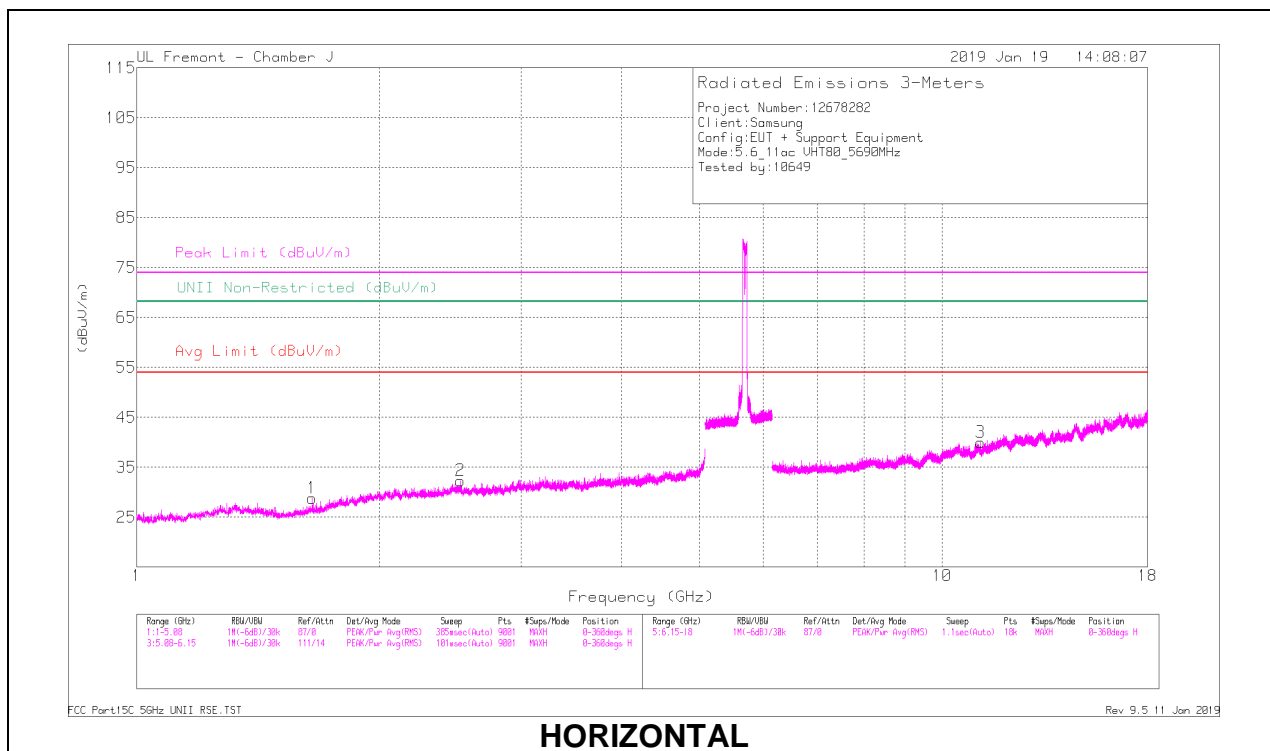
VERTICAL

RADIATED EMISSIONS

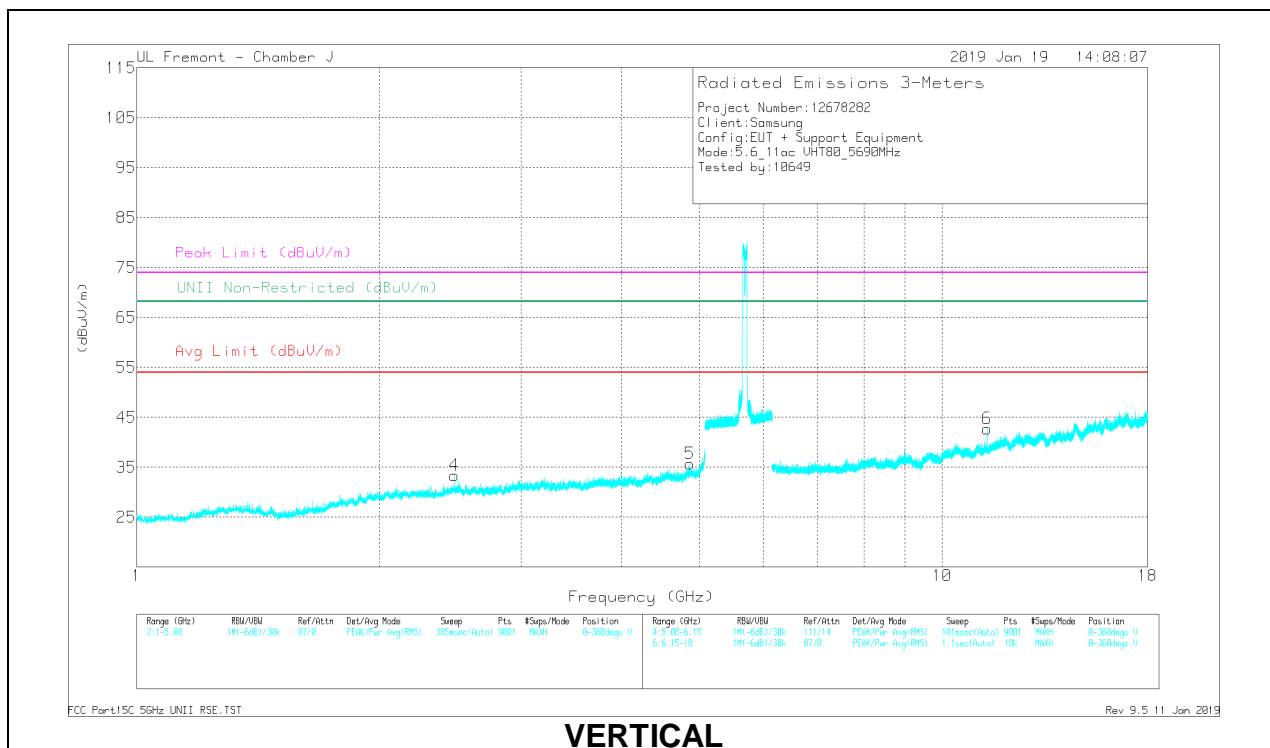
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dBm)	Amp/CoFilter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.499	40	PK-U	28.1	-35.3	0	32.8	-	-	74	-41.2	-	-	291	132	H
* 1.498	31.53	ADR	28.1	-35.3	1.29	25.62	54	-28.38	-	-	-	-	291	132	H
* 4.767	36.76	PK-U	34.1	-30	0	40.86	-	-	74	-33.14	-	-	183	186	H
* 4.767	27.65	ADR	34.1	-30	1.29	33.04	54	-20.96	-	-	-	-	183	186	H
* 1.285	39.51	PK-U	28.7	-35.3	0	32.91	-	-	74	-41.09	-	-	69	264	V
* 1.288	30.95	ADR	28.7	-35.3	1.29	25.64	54	-28.36	-	-	-	-	69	264	V
* 3.74	36.6	PK-U	33.3	-31.9	0	38	-	-	74	-36	-	-	139	175	V
* 3.741	28.35	ADR	33.3	-31.9	1.29	31.04	54	-22.96	-	-	-	-	139	175	V
* 11.22	30.67	PK-U	37.9	-21.3	0	41.27	-	-	74	-26.73	-	-	93	109	H
* 11.22	23.38	ADR	37.9	-21.3	1.29	41.27	54	-12.73	-	-	-	-	93	109	H
* 11.22	32.4	PK-U	37.9	-21.3	0	48	-	-	74	-25	-	-	122	102	V
* 11.22	25.75	ADR	37.9	-21.3	1.29	43.64	54	-10.36	-	-	-	-	122	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

CHANNEL 138 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	AF AT0067 (dBm)	Amp/Ch/Flt/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	1.651	41.55	PK-U	28.9	-35.8	0	34.65	-	-	-	-	66.2	-33.55	237	179	H
2	2.524	41.23	PK-U	32.5	-35.3	0	36.43	-	-	-	-	66.2	-29.77	220	127	H
4	2.48	40.38	PK-U	32.5	-35.5	0	37.38	-	-	-	-	66.2	-30.82	258	171	V
5	* 4.863	38.37	PK-U	34	-30.4	0	41.97	-	-	74	-32.03	-	-	272	386	V
	* 4.864	28.2	ADR	34	-30.4	1.29	33.09	54	-20.91	-	-	-	-	272	386	V
3	* 11.158	34.76	PK-U	37.8	-24.2	0	48.36	-	-	74	-25.64	-	-	342	280	H
	* 11.158	23.18	ADR	37.8	-24.2	1.29	38.07	54	-15.93	-	-	-	-	342	280	H
6	* 11.38	33.59	PK-U	38.1	-23.3	0	48.39	-	-	74	-25.61	-	-	105	111	V
	* 11.38	27.68	ADR	38.1	-23.3	1.29	43.77	54	-10.23	-	-	-	-	105	111	V

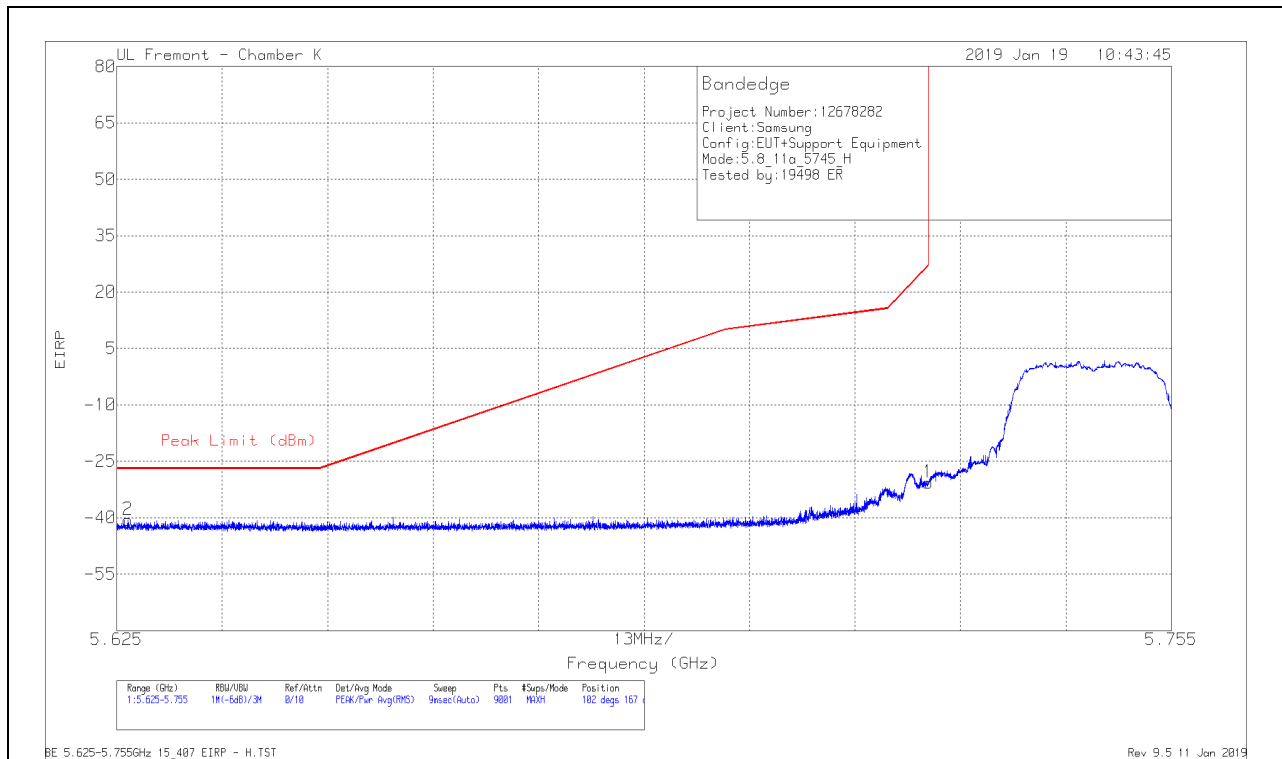
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL)

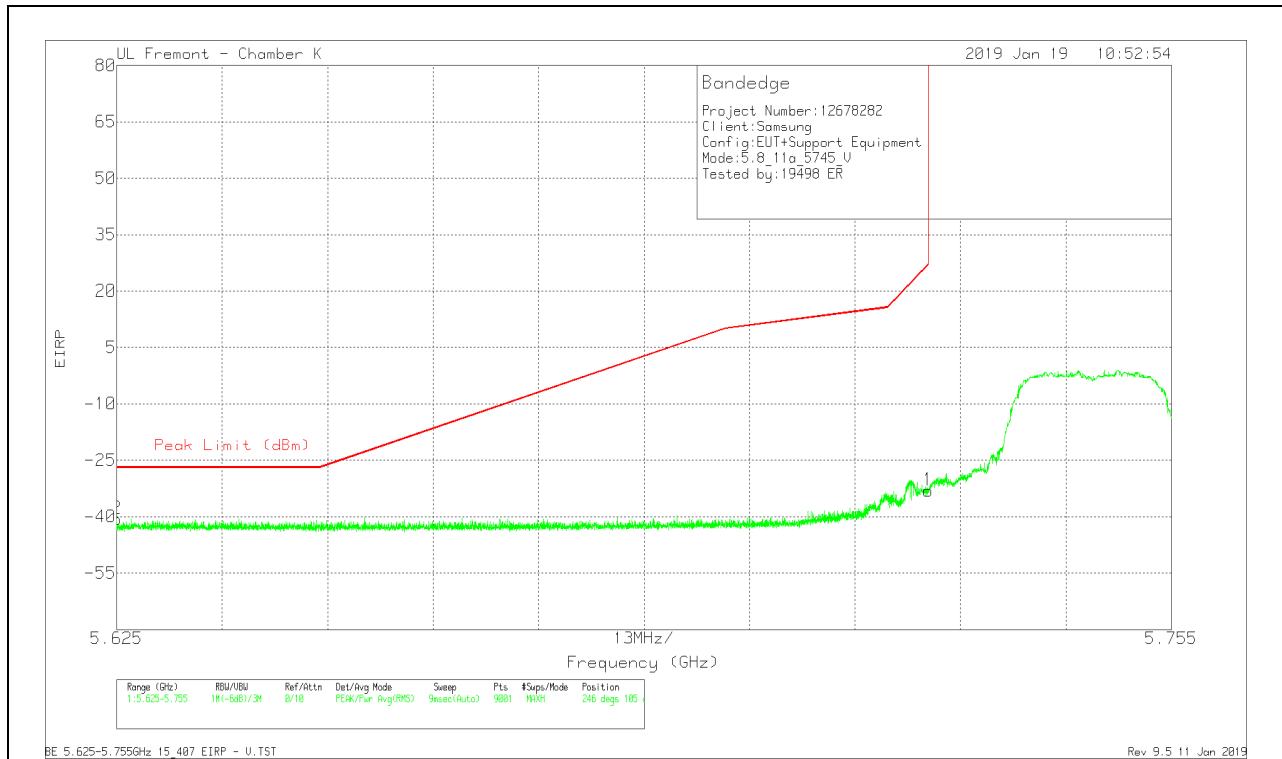
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-58.29	Pk	34.9	-19	11.8	-30.59	26.99	-57.58	102	167	H
2	5.626	-67.49	Pk	34.6	-19.5	11.8	-40.59	-27	-13.59	102	167	H

Pk - Peak detector

VERTICAL RESULT

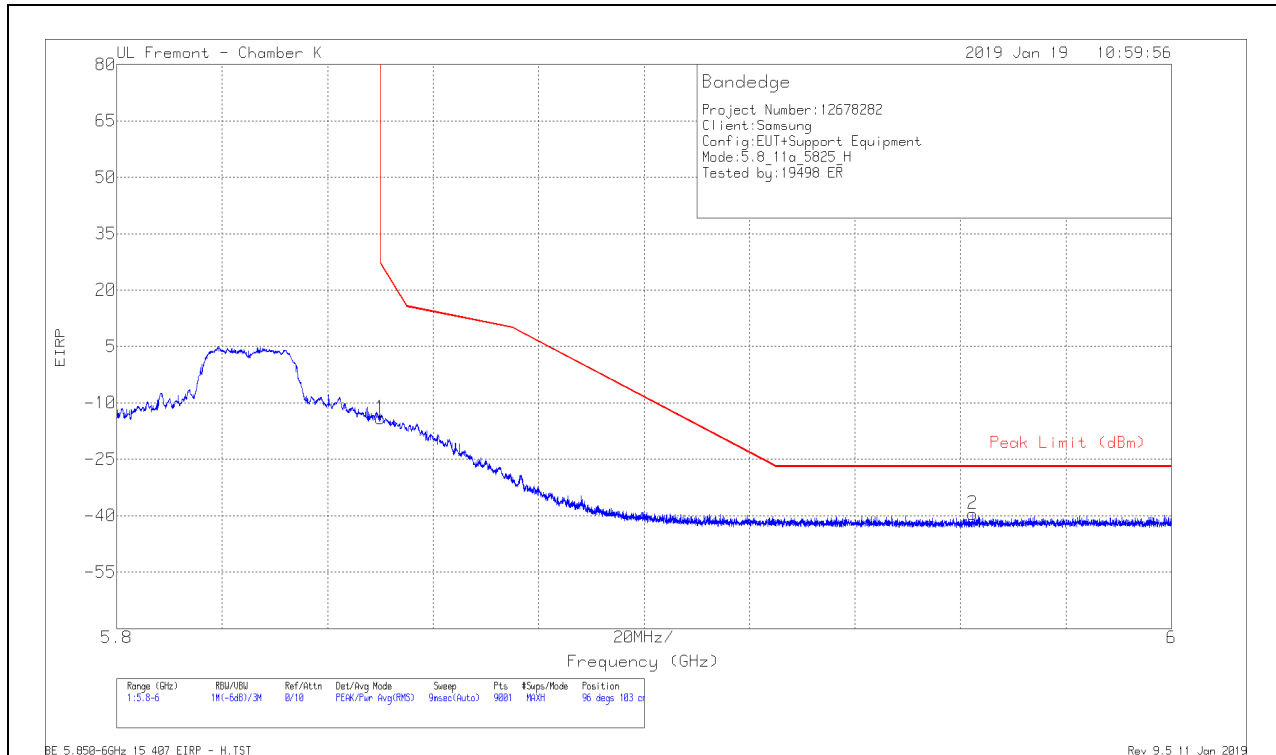


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-60.74	Pk	34.9	-19	11.8	-33.04	26.99	-60.03	246	105	V
2	5.625	-67.45	Pk	34.6	-19.5	11.8	-40.55	-27	-13.55	246	105	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

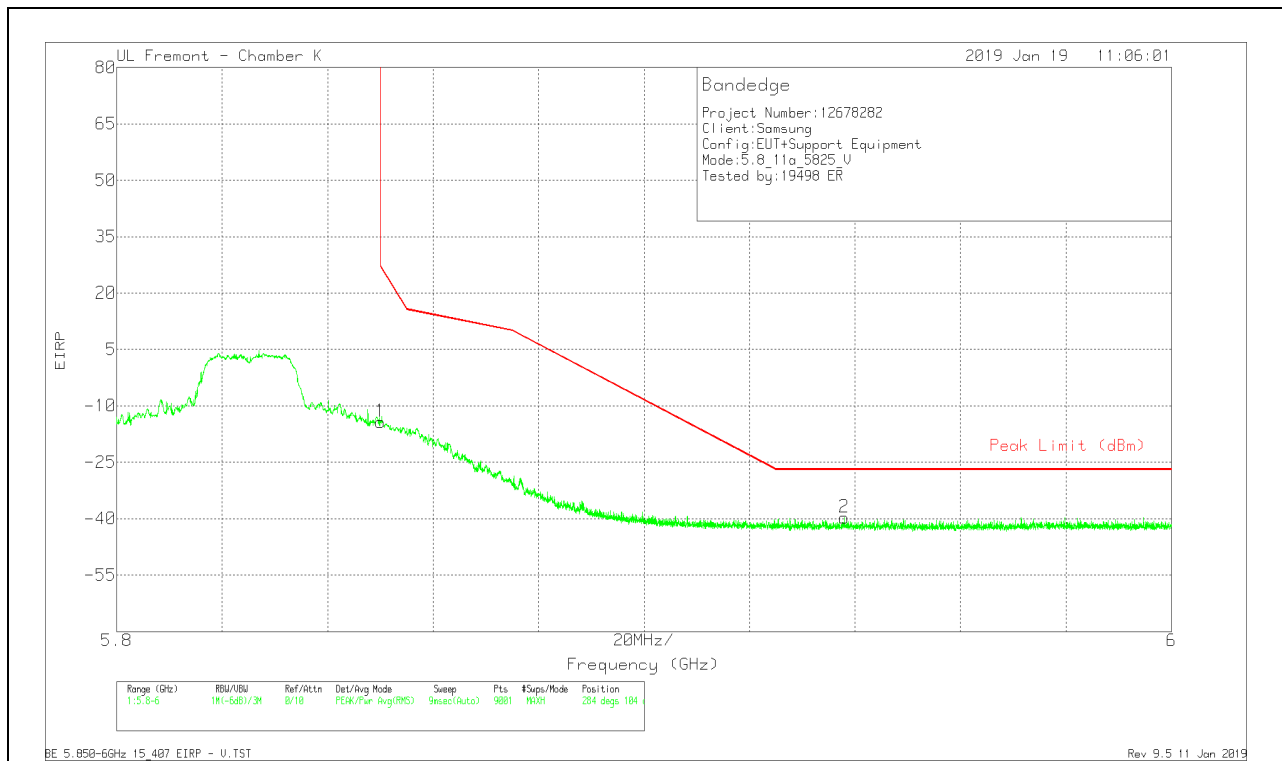
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Fitr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-42.02	Pk	35	-18.9	11.8	-14.12	26.95	-41.07	96	103	H
2	5.962	-67.65	Pk	35.1	-18.7	11.8	-39.45	-27	-12.45	96	103	H

Pk - Peak detector

VERTICAL RESULT

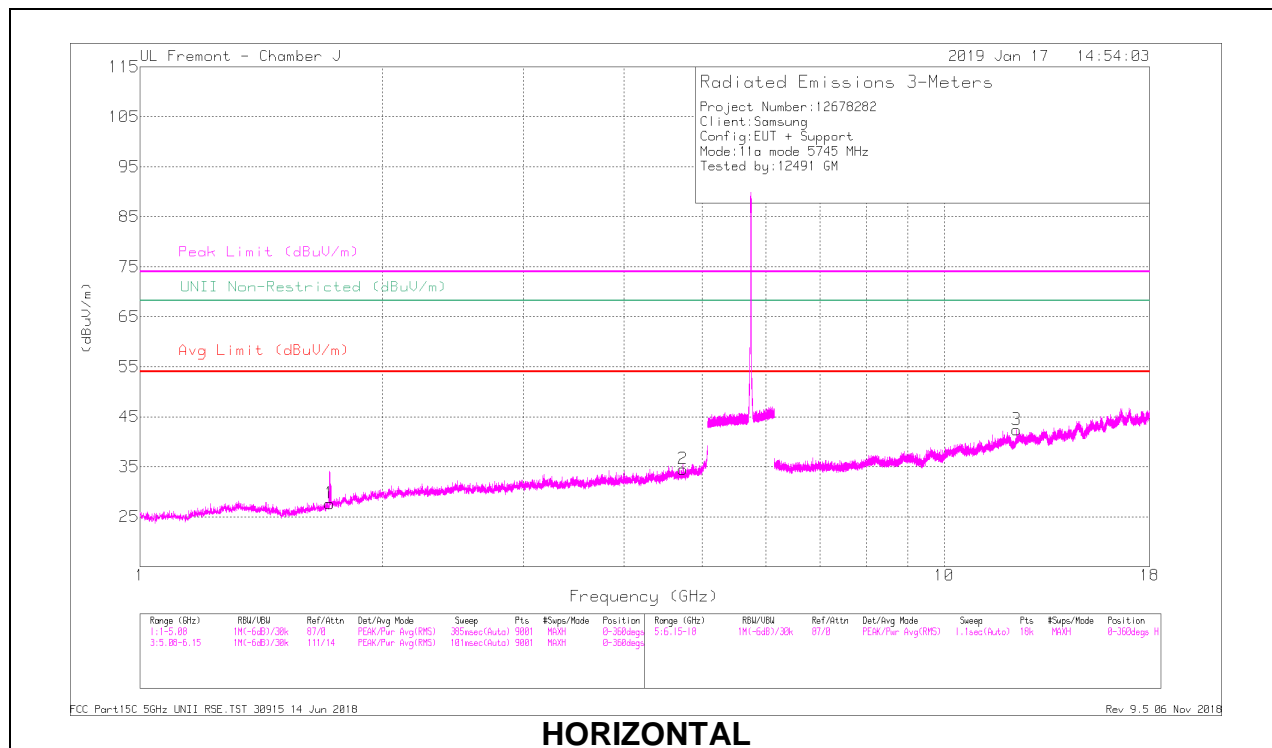


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb1/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-42.16	Pk	35	-18.9	11.8	-14.26	26.95	-41.21	284	104	V
2	5.938	-67.85	Pk	35.1	-18.7	11.8	-39.65	-27	-12.65	284	104	V

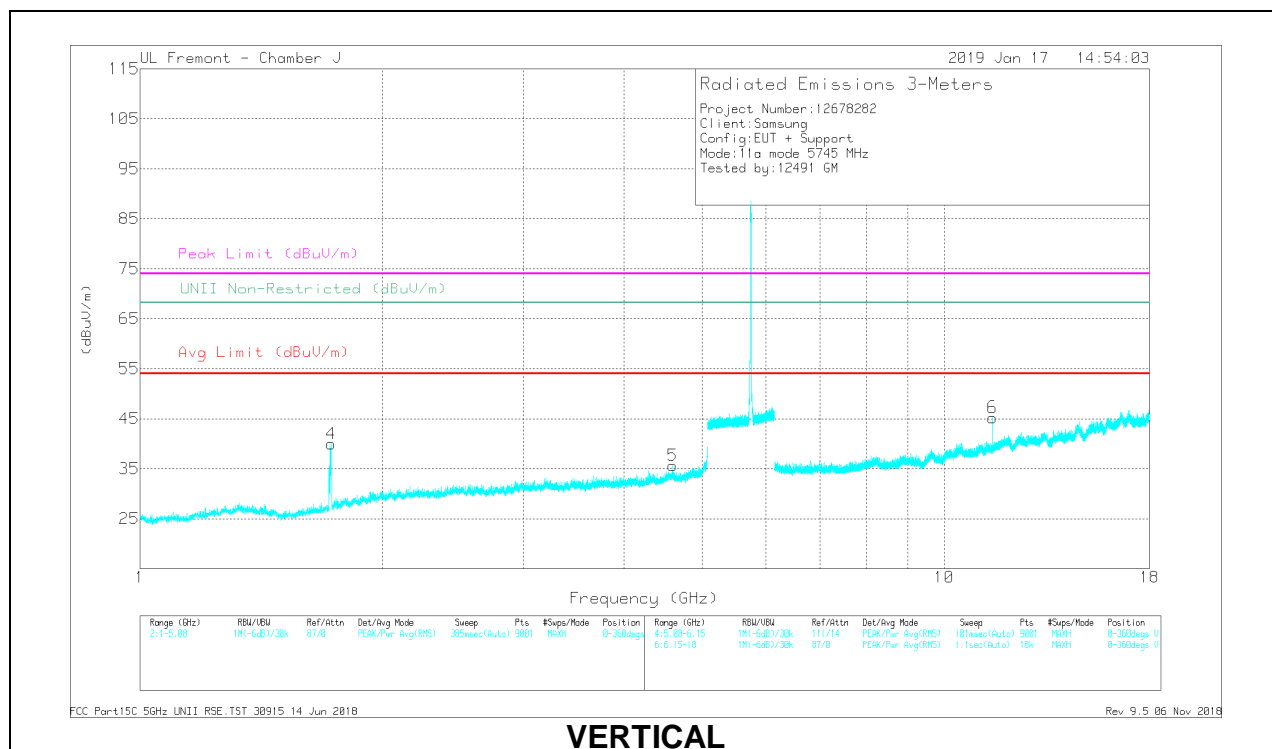
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



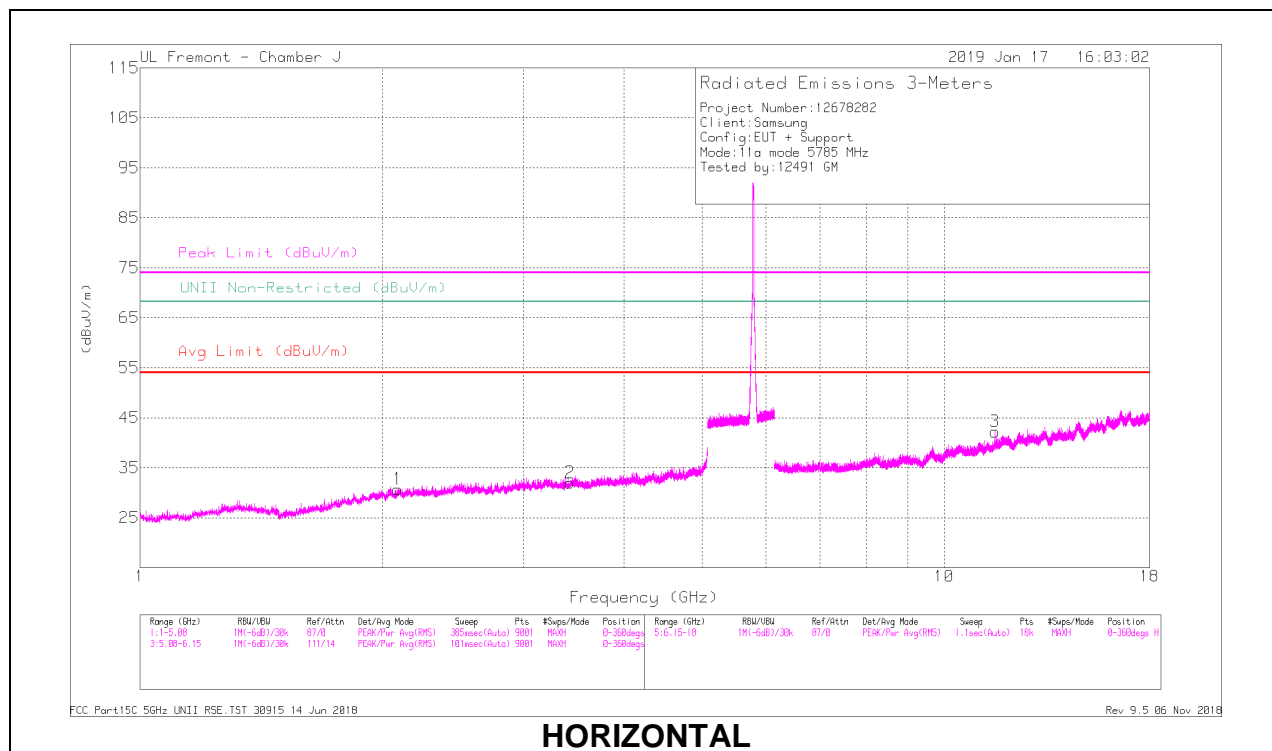
VERTICAL

RADIATED EMISSIONS

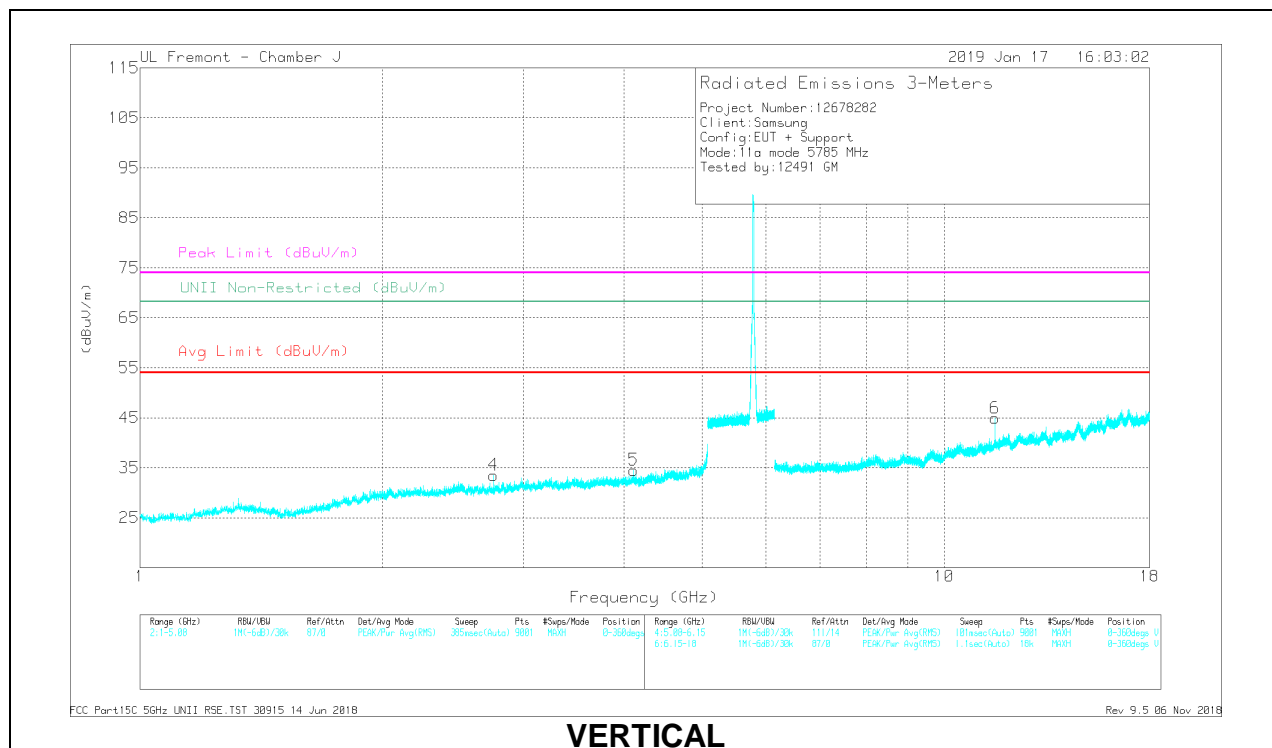
Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dBm)	Amp/Gain/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.72	41.32	PK-U	29.4	-35.8	0	34.92	-	-	74	-39.08	-	-	249	273	H
* 1.721	32.32	ADR	29.4	-35.8	.27	26.19	54	-27.81	-	-	-	-	249	273	H
* 4.734	38.68	PK-U	34	-30.9	0	41.78	-	-	74	-32.22	-	-	88	390	H
* 4.735	28.32	ADR	34	-30.9	.27	31.69	54	-22.31	-	-	-	-	88	390	H
1.728	41.14	PK-U	29.5	-35.8	0	34.84	-	-	-	-	68.2	-33.36	146	286	V
1.73	32.4	ADR	29.6	-35.8	.27	26.47	-	-	-	-	-	-	146	286	V
* 4.596	37.57	PK-U	34.2	-30.8	0	40.97	-	-	74	-33.03	-	-	160	199	V
* 4.598	28.65	ADR	34.2	-30.8	.27	32.32	54	-21.68	-	-	-	-	160	199	V
* 12.3	31.88	PK-U	38.8	-22.8	0	47.88	-	-	74	-26.14	-	-	275	144	H
* 12.299	22.55	ADR	38.8	-22.8	.27	38.82	54	-15.18	-	-	-	-	275	144	H
* 11.49	34.14	PK-U	38.2	-23.6	0	48.74	-	-	74	-25.26	-	-	90	140	V
* 11.49	27.37	ADR	38.2	-23.6	.27	42.24	54	-11.76	-	-	-	-	90	140	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



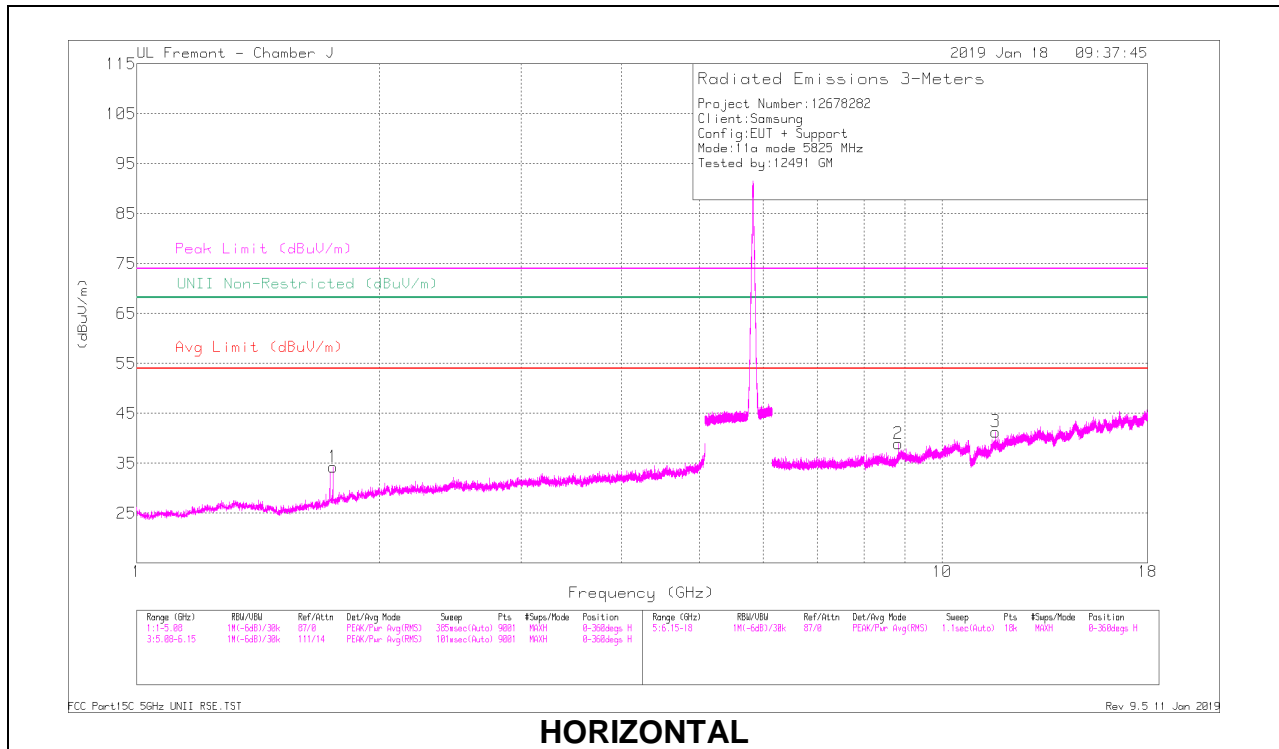
VERTICAL

RADIATED EMISSIONS

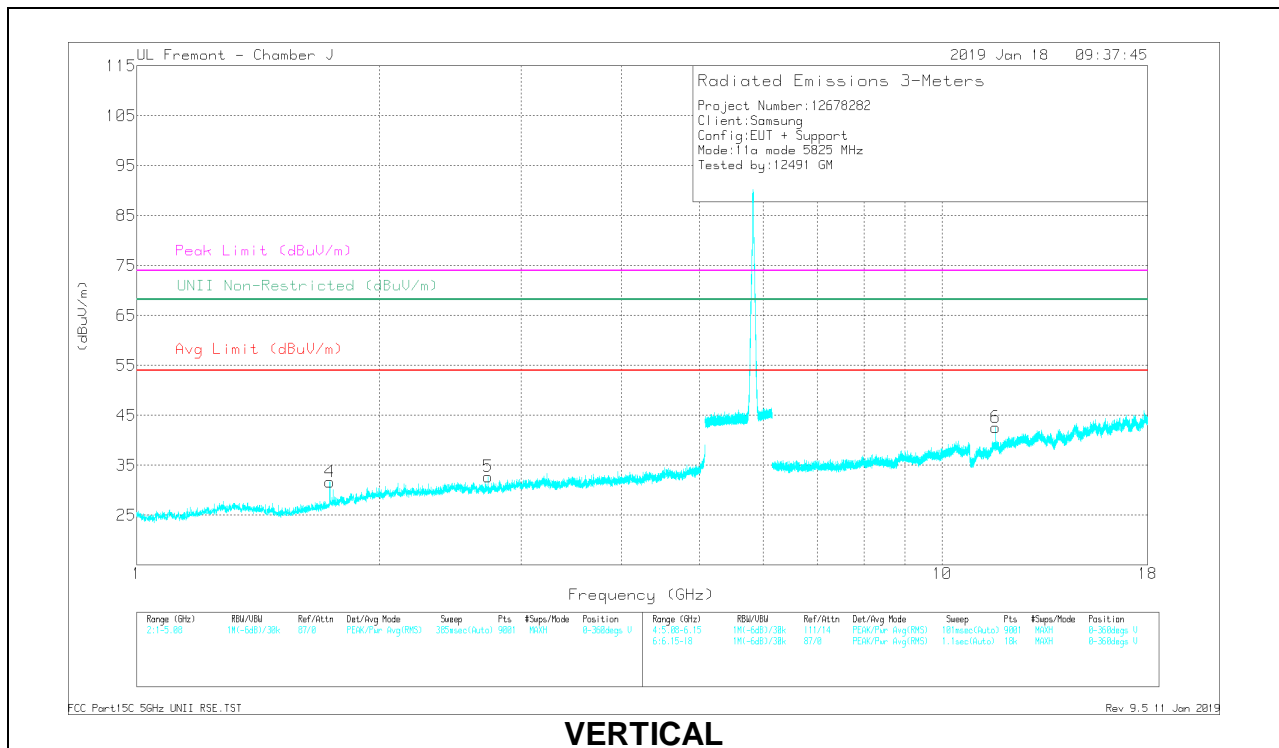
Frequency (GHz)	Measr Reading (dBuV)	Det	AF AT0067 (dBm)	AmpCoef/FilterPad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.091	41.3	PK-U	31.8	-35.4	0	37.7	-	-	-	-	68.2	-30.5	265	167	H
2.099	32.12	ADR	31.8	-35.4	.27	28.79	-	-	-	-	-	-	265	167	H
3.424	40.38	PK-U	32.7	-34.1	0	38.98	-	-	-	-	68.2	-29.22	124	120	H
3.423	31.08	ADR	32.7	-34.1	.27	29.95	-	-	-	-	-	-	124	120	H
* 2.752	40.94	PK-U	32.2	-35.2	0	37.94	-	-	74	-36.06	-	-	76	217	V
* 2.753	31.93	ADR	32.2	-35.2	.27	29.2	54	-24.8	-	-	-	-	76	217	V
* 4.108	40.25	PK-U	33.6	-32.1	0	41.75	-	-	74	-32.25	-	-	55	331	V
* 4.109	29.3	ADR	33.6	-32.1	.27	31.07	54	-22.93	-	-	-	-	55	331	V
* 11.57	32.73	PK-U	38.3	-23.6	0	47.43	-	-	74	-26.57	-	-	87	130	H
* 11.57	23.39	ADR	38.3	-23.6	.27	38.36	54	-15.64	-	-	-	-	87	130	H
* 11.57	35.06	PK-U	38.3	-23.6	0	49.76	-	-	74	-24.24	-	-	257	106	V
* 11.57	28.97	ADR	38.3	-23.6	.27	43.94	54	-10.06	-	-	-	-	257	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

Frequency (GHz)	Measr Reading (dBuV)	Det	AF AT0067 (dBm)	AmpCoef/PwrPad (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
1.753	41.14	PK-U	29.9	-35.7	0	35.34	-	-	-	-	68.2	-32.86	209	143	H
1.752	31.74	ADR	29.9	-35.8	.27	26.11	-	-	-	-	-	-	209	143	H
1.736	41.65	PK-U	29.7	-35.8	0	35.55	-	-	-	-	68.2	-32.65	115	357	V
1.736	32.26	ADR	29.7	-35.7	.27	26.53	-	-	-	-	-	-	115	357	V
* 2.73	40.93	PK-U	32.2	-35.2	0	37.93	-	-	74	-36.07	-	-	290	143	V
* 2.73	31.55	ADR	32.2	-35.2	.27	28.82	54	-25.18	-	-	-	-	290	143	V
8.821	33.23	PK-U	35.9	-25.6	0	43.53	-	-	-	-	68.2	-24.67	5	271	H
8.822	24.09	ADR	35.9	-25.6	.27	34.66	-	-	-	-	-	-	5	271	H
* 11.65	33.04	PK-U	38.4	-23.2	0	48.24	-	-	74	-25.76	-	-	326	143	H
* 11.65	24.42	ADR	38.4	-23.2	.27	39.89	54	-14.11	-	-	-	-	326	143	H
* 11.65	34.76	PK-U	38.4	-23.2	0	49.96	-	-	74	-24.04	-	-	298	117	V
* 11.65	27.73	ADR	38.4	-23.2	.27	43.2	54	-10.8	-	-	-	-	298	117	V

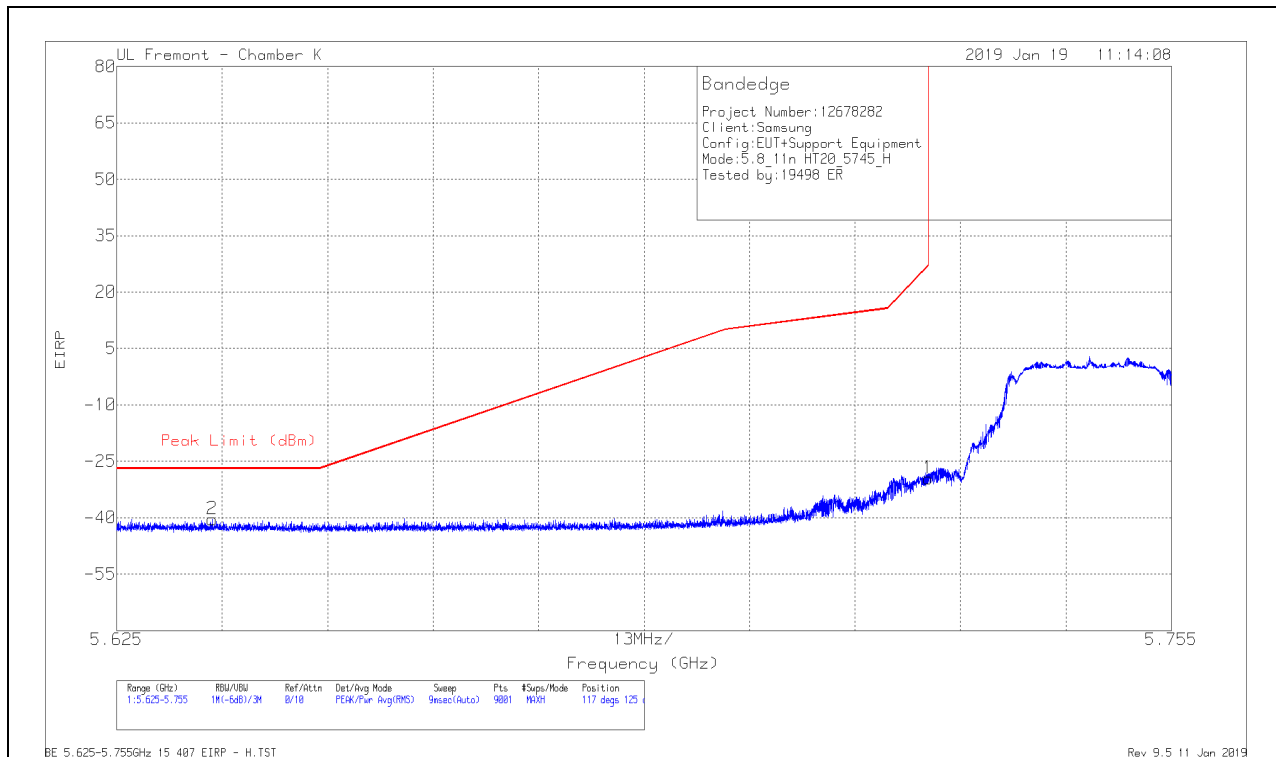
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL)

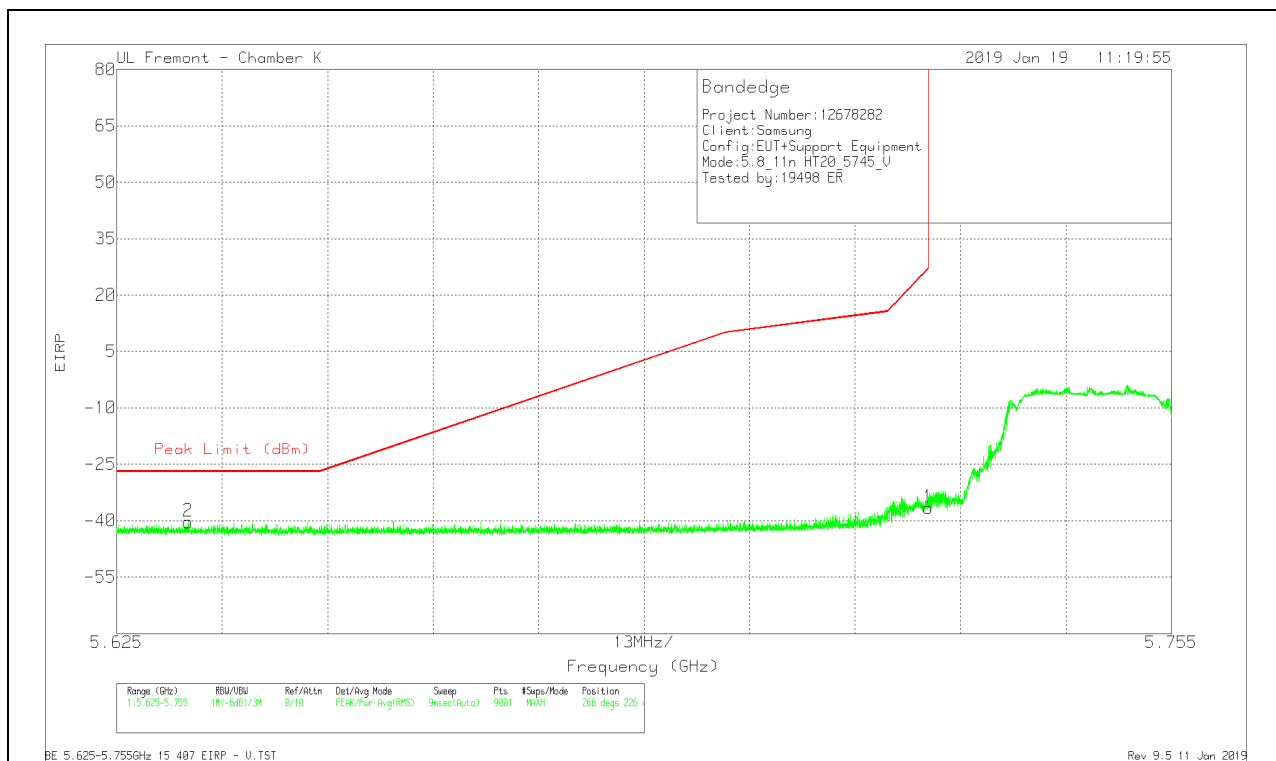
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-57.27	Pk	34.9	-19	11.8	-29.57	26.99	-56.56	117	125	H
2	5.637	-67.28	Pk	34.6	-19.5	11.8	-40.38	-27	-13.38	117	125	H

Pk - Peak detector

VERTICAL RESULT

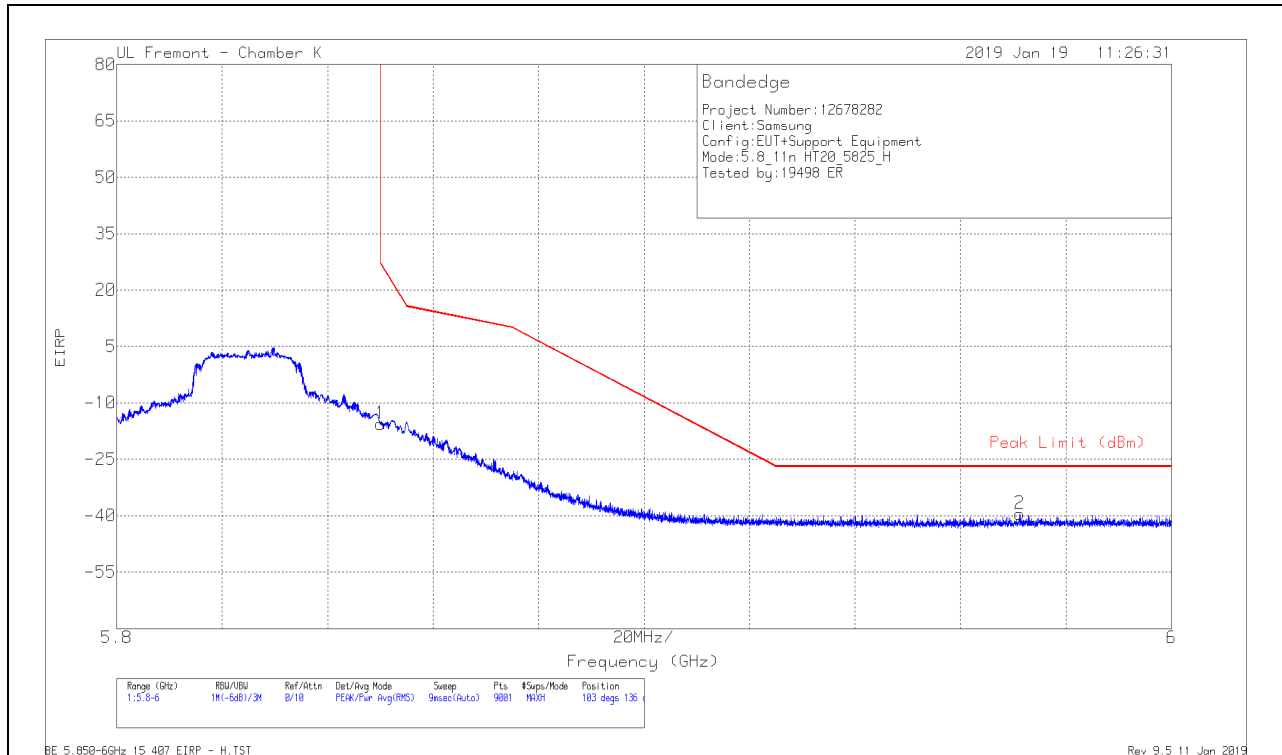


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-64.21	Pk	34.9	-19	11.8	-36.51	26.99	-63.5	266	226	V
2	5.634	-67.23	Pk	34.6	-19.5	11.8	-40.33	-27	-13.33	266	226	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

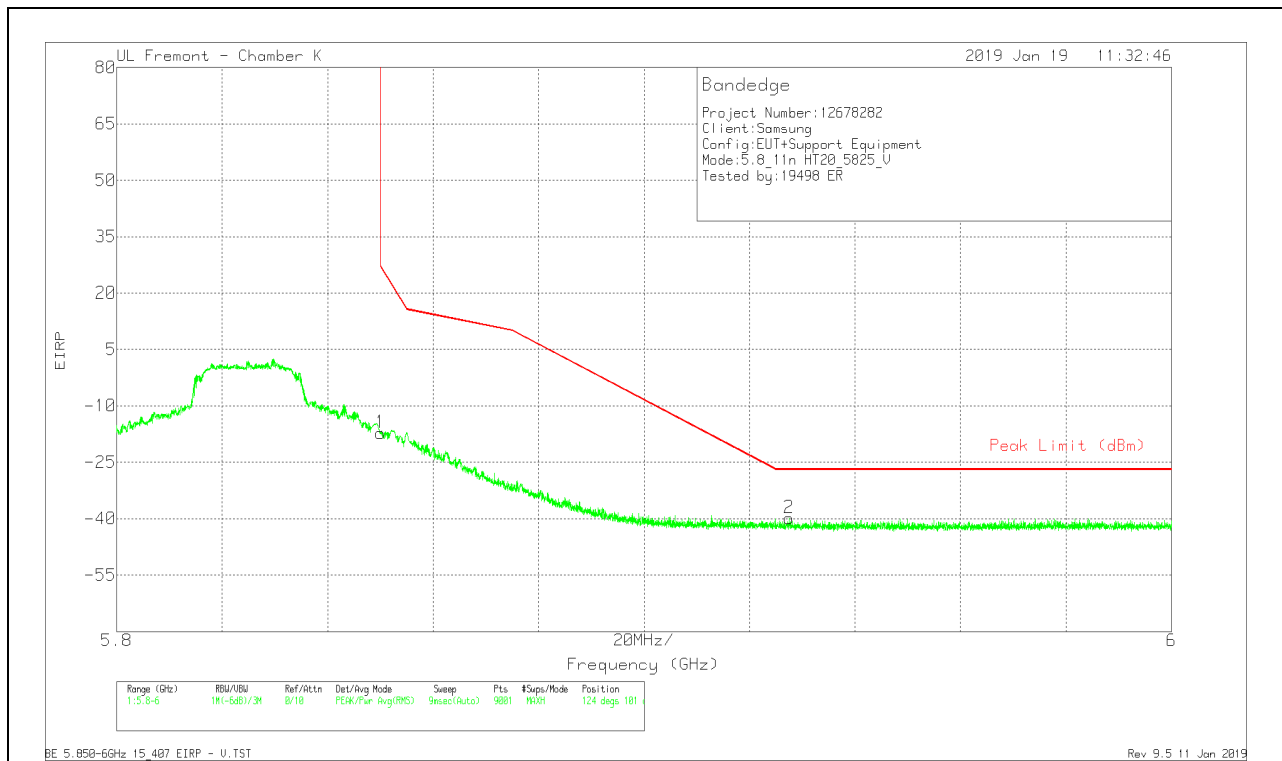
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT344 (dB/m)	Amp/Cb/Fitr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-43.43	Pk	35	-18.9	11.8	-15.53	26.95	-42.48	103	136	H
2	5.971	-67.84	Pk	35.1	-18.6	11.8	-39.54	-27	-12.54	103	136	H

Pk - Peak detector

VERTICAL RESULT

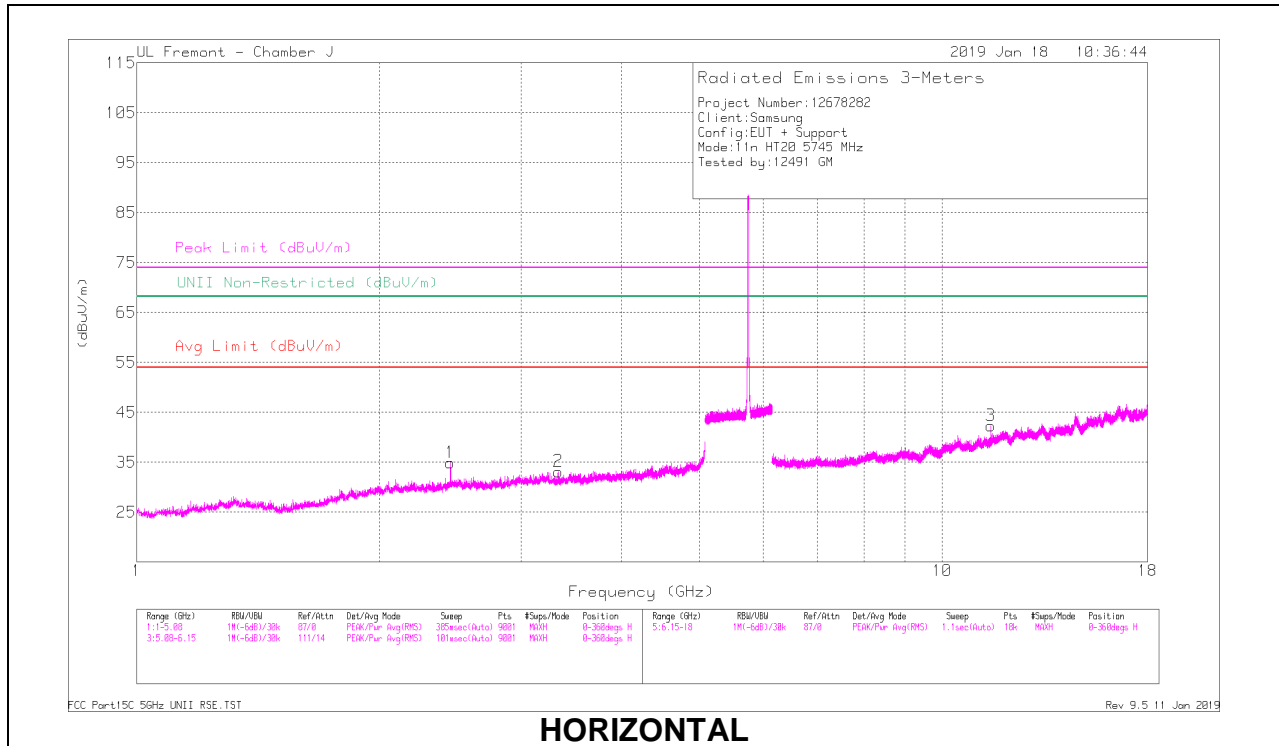


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-45.19	Pk	35	-18.9	11.8	-17.29	26.95	-44.24	124	101	V
2	5.928	-68.03	Pk	35.1	-18.8	11.8	-39.93	-27	-12.93	124	101	V

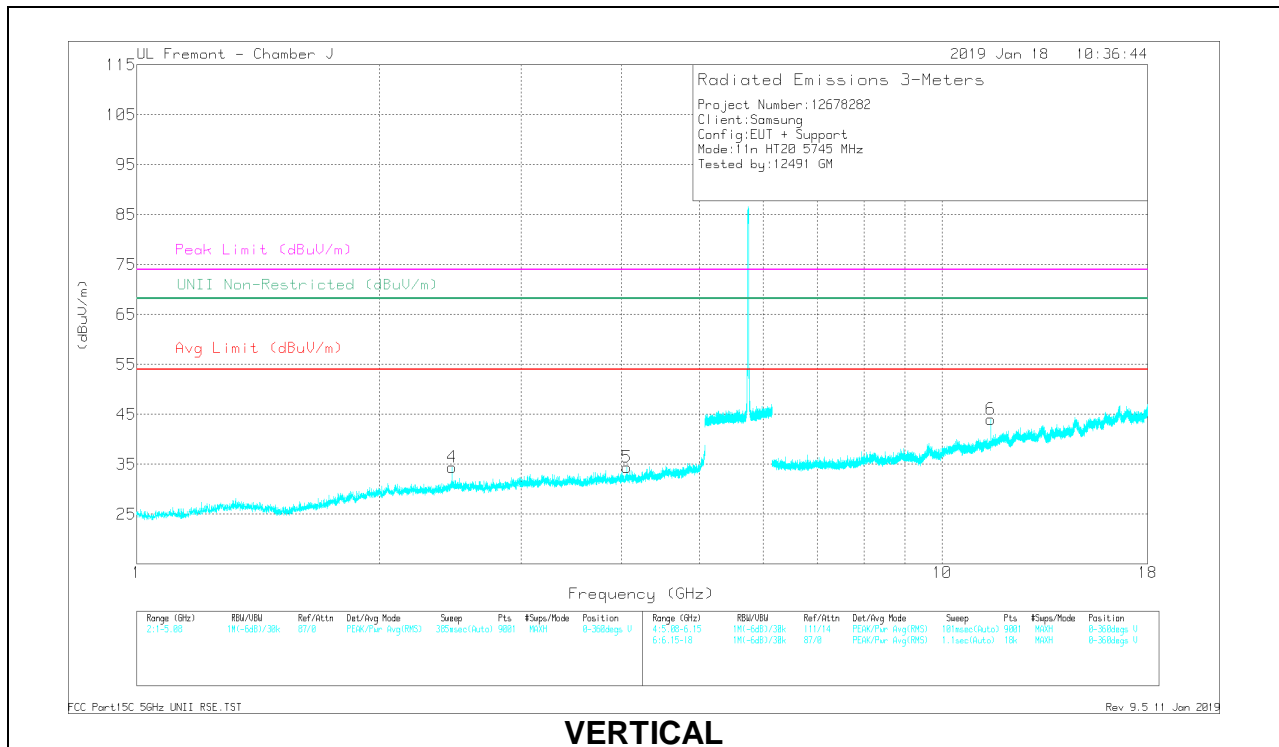
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



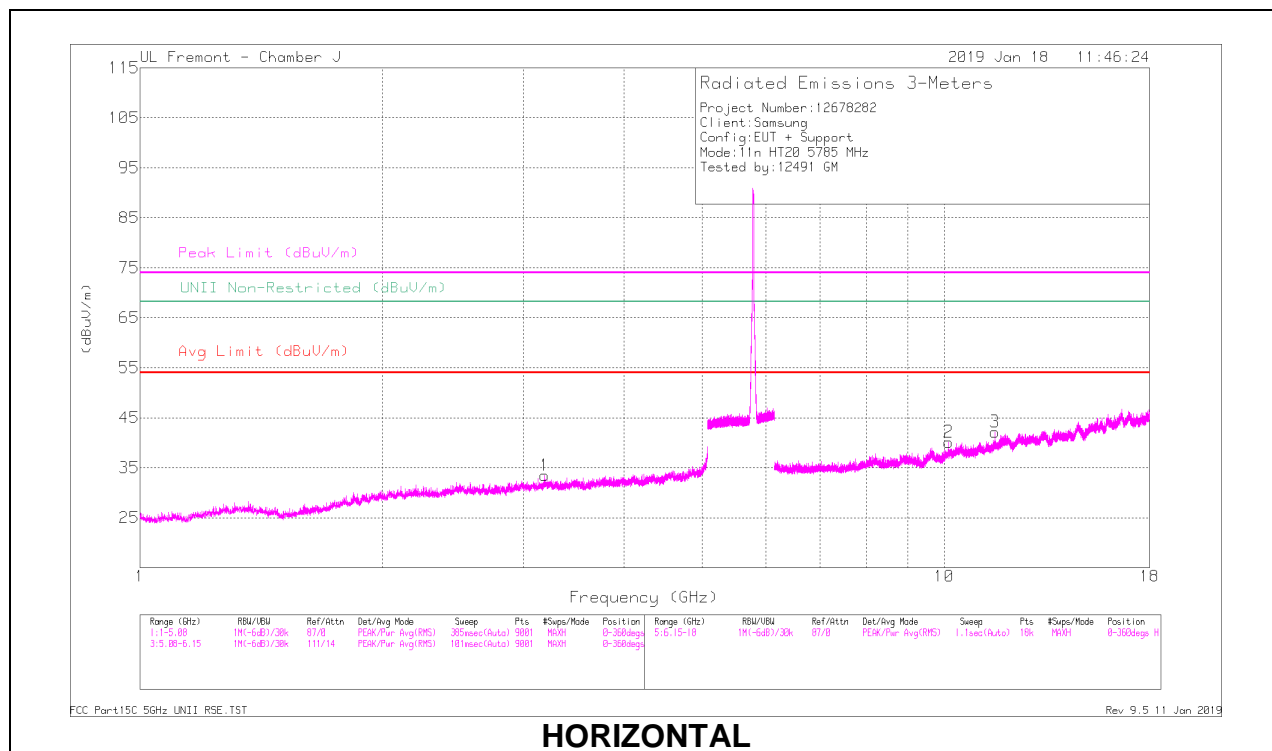
VERTICAL

RADIATED EMISSIONS

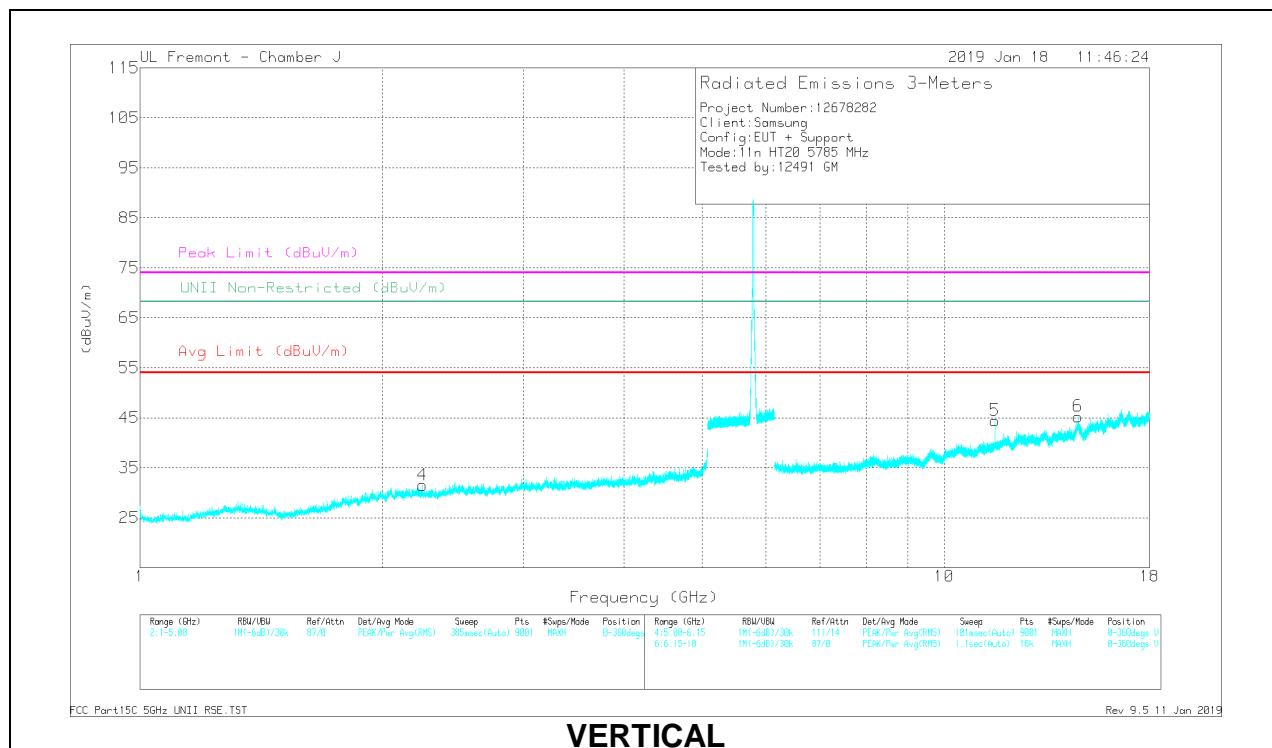
Frequency (GHz)	Measr Reading (dBuV)	Det	AF AT0067 (dBm)	AmpCoef/FilterPad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.453	40.91	PK-U	32.4	-35.5	0	37.81	-	-	-	-	68.2	-30.39	60	168	H
2.454	32.08	ADR	32.4	-35.5	.28	29.26	-	-	-	-	-	-	60	168	H
* 3.336	40.84	PK-U	33	-34.1	0	39.74	-	-	74	-34.26	-	-	326	145	H
* 3.335	31.18	ADR	33	-34.1	.28	30.36	54	-23.64	-	-	-	-	326	145	H
2.463	41.94	PK-U	32.5	-35.5	0	38.94	-	-	-	-	68.2	-29.26	198	123	V
2.462	31.82	ADR	32.5	-35.5	.28	29.1	-	-	-	-	-	-	198	123	V
* 4.061	38.79	PK-U	33.5	-32.3	0	39.99	-	-	74	-34.01	-	-	301	116	V
* 4.062	29.73	ADR	33.5	-32.3	.28	31.21	54	-22.79	-	-	-	-	301	116	V
* 11.49	33.48	PK-U	38.2	-23.6	0	48.08	-	-	74	-25.92	-	-	293	123	H
* 11.49	26.5	ADR	38.2	-23.6	.28	41.39	54	-12.62	-	-	-	-	293	123	H
* 11.49	34.85	PK-U	38.2	-23.6	0	49.45	-	-	74	-24.55	-	-	294	104	V
* 11.49	28.63	ADR	38.2	-23.6	.28	43.51	54	-10.49	-	-	-	-	294	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

MID CHANNEL RESULTS



HORIZONTAL



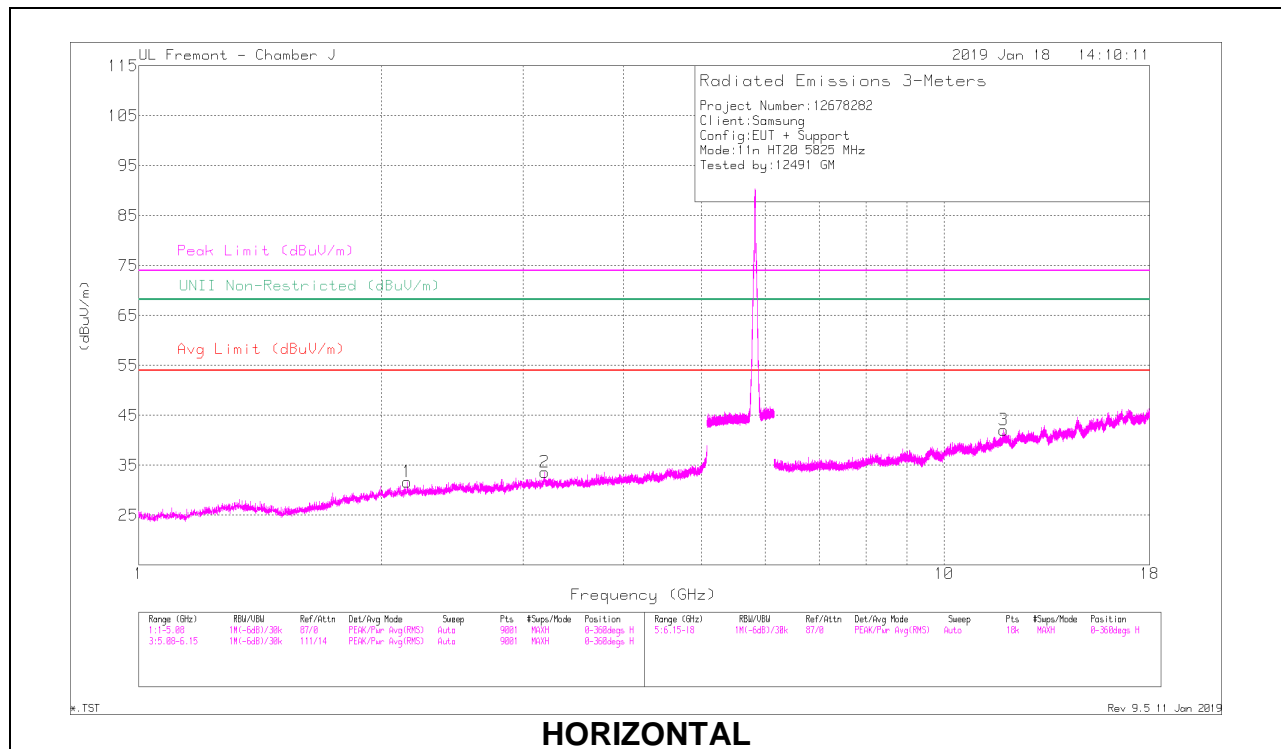
VERTICAL

RADIATED EMISSIONS

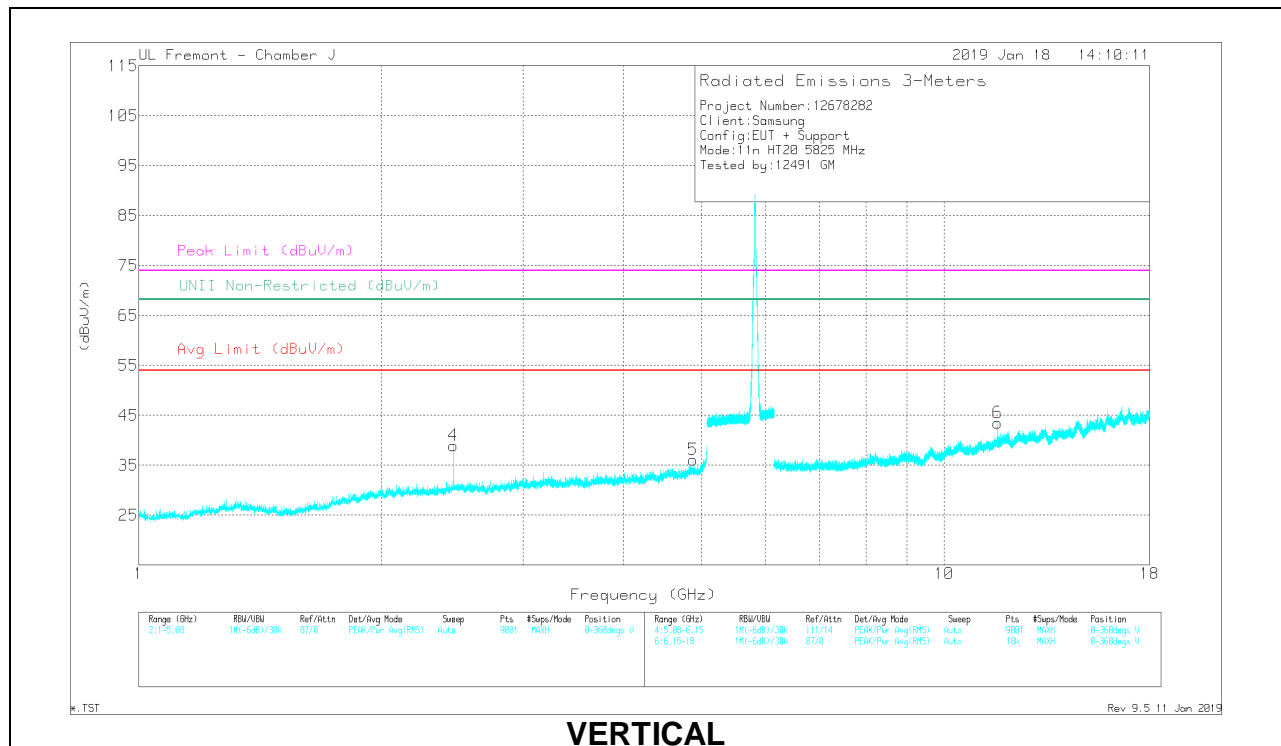
Frequency (GHz)	Measr Reading (dBuV)	Det	AF AT0067 (dBm)	AmpCoef/PwrPad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3.187	42.37	PK-U	33.2	-34.6	0	40.97	-	-	-	-	68.2	-27.23	99	327	H
3.188	31.49	ADR	33.2	-34.6	.28	30.37	-	-	-	-	-	-	99	327	H
* 2.246	40.69	PK-U	31.9	-35.6	0	36.99	-	-	74	-37.01	-	-	192	290	V
* 2.246	32.44	ADR	31.9	-35.6	.28	29.02	54	-24.98	-	-	-	-	192	290	V
10.125	32.48	PK-U	37.3	-24.3	0	45.48	-	-	-	-	68.2	-22.72	168	260	H
10.126	22.86	ADR	37.3	-24.3	.28	36.14	-	-	-	-	-	-	168	260	H
* 11.57	33.12	PK-U	38.3	-23.6	0	47.82	-	-	74	-26.18	-	-	311	115	H
* 11.57	25.85	ADR	38.3	-23.6	.28	40.83	54	-13.17	-	-	-	-	311	115	H
* 11.57	34.9	PK-U	38.3	-23.6	0	48.6	-	-	74	-24.4	-	-	128	140	V
* 11.57	28.52	ADR	38.3	-23.6	.28	43.5	54	-10.5	-	-	-	-	128	140	V
14.662	32.35	PK-U	39.5	-20.3	0	51.55	-	-	-	-	68.2	-16.65	261	147	V
14.665	22.08	ADR	39.5	-20.3	.28	41.56	-	-	-	-	-	-	261	147	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

Frequency (GHz)	Meas Reading (dBuV)	Det	AF AT0067 (dBm)	Amp/Coef/Trn/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
3.192	40.9	PK-U	33.2	-34.6	0	39.5	-	-	-	-	68.2	-28.7	309	164	H
3.191	31.24	ADR	33.2	-34.6	.28	30.12	-	-	-	-	-	-	309	164	H
2.155	41.71	PK-U	31.8	-35.5	0	38.01	-	-	-	-	68.2	-30.19	139	197	H
2.154	31.87	ADR	31.8	-35.5	.28	28.45	-	-	-	-	-	-	139	197	H
2.459	41.78	PK-U	32.5	-35.5	0	38.78	-	-	-	-	68.2	-29.42	181	319	V
2.46	32.06	ADR	32.5	-35.5	.28	29.34	-	-	-	-	-	-	181	319	V
* 4.88	37.8	PK-U	34	-30.1	0	41.7	-	-	74	-32.3	-	-	261	112	V
* 4.877	28.35	ADR	34	-30.1	.28	32.53	54	-21.47	-	-	-	-	261	112	V
* 11.854	33.21	PK-U	38.6	-23.3	0	48.51	-	-	74	-25.49	-	-	145	355	H
* 11.851	22.94	ADR	38.6	-23.3	.28	38.52	54	-15.48	-	-	-	-	145	355	H
* 11.85	33.11	PK-U	38.4	-23.2	0	48.31	-	-	74	-25.69	-	-	34	130	V
* 11.65	25.75	ADR	38.4	-23.2	.28	41.23	54	-12.77	-	-	-	-	34	130	V

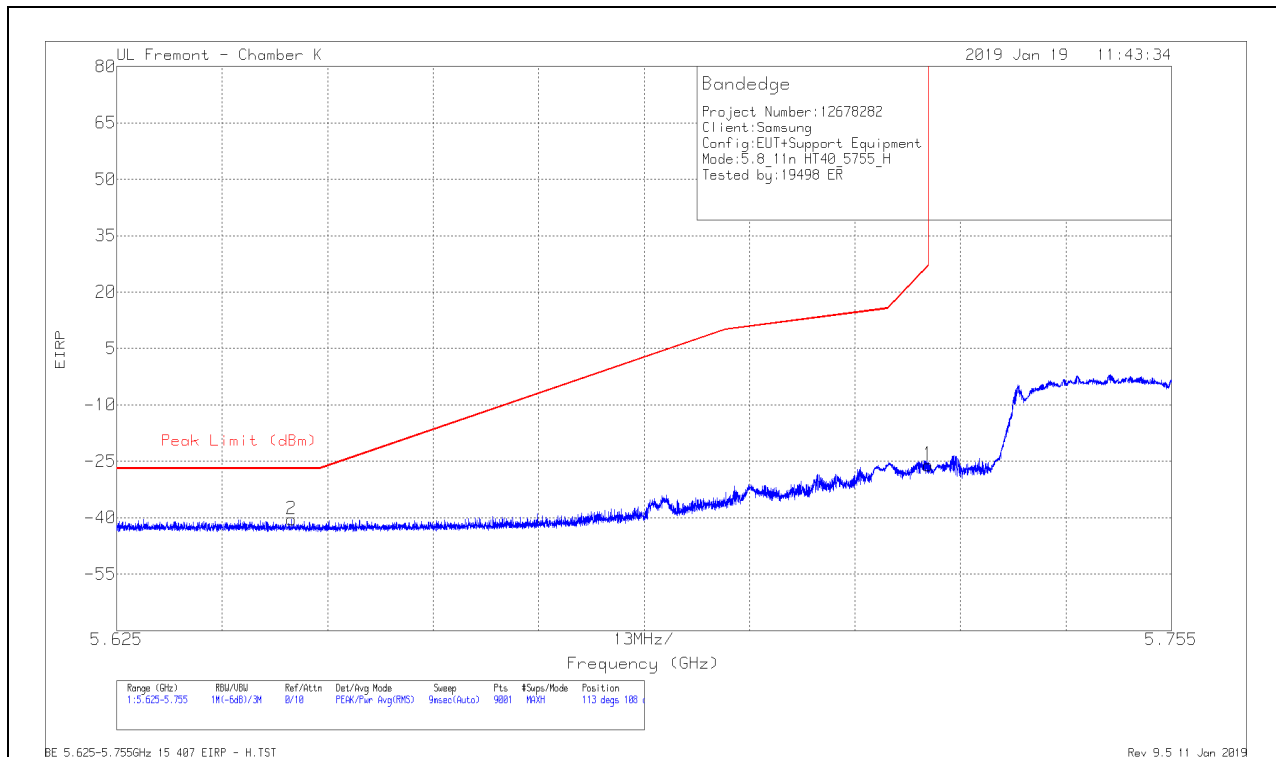
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL)

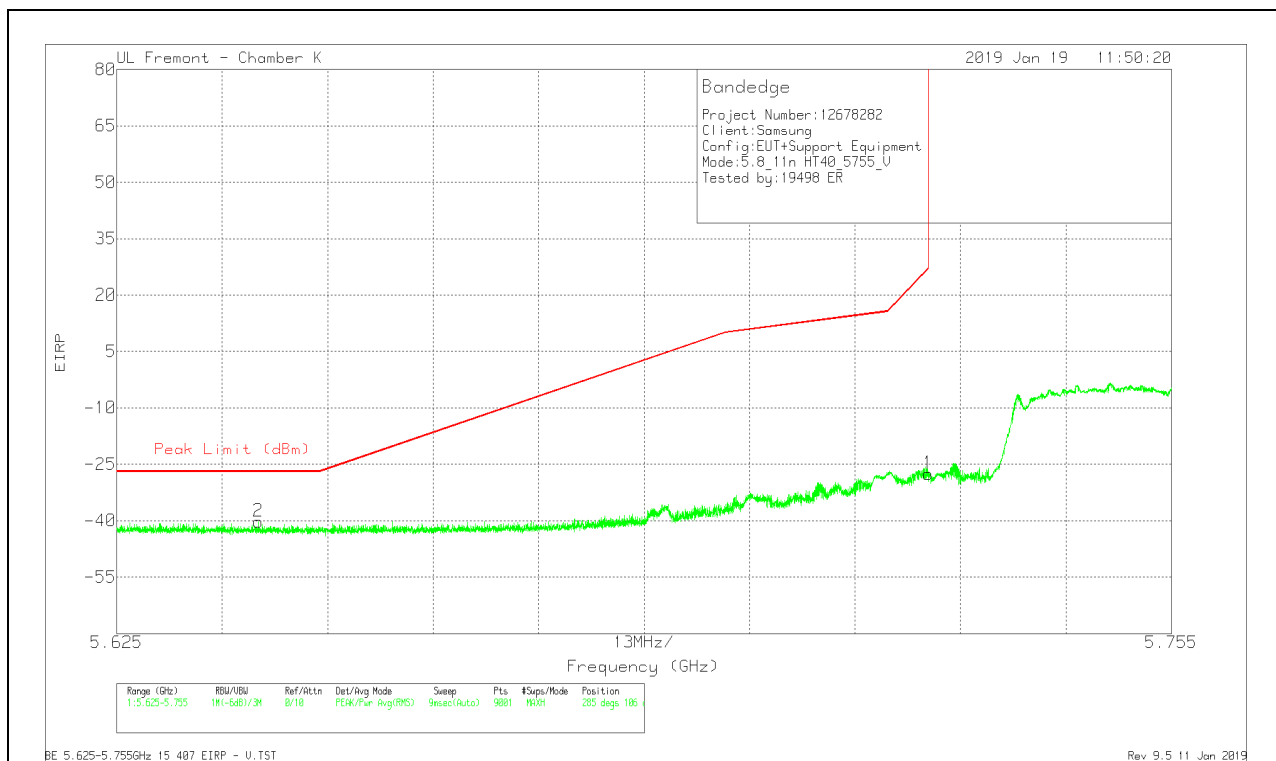
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-53.67	Pk	34.9	-19	11.8	-25.97	26.99	-52.96	113	108	H
2	5.647	-67.42	Pk	34.6	-19.4	11.8	-40.42	-27	-13.42	113	108	H

Pk - Peak detector

VERTICAL RESULT

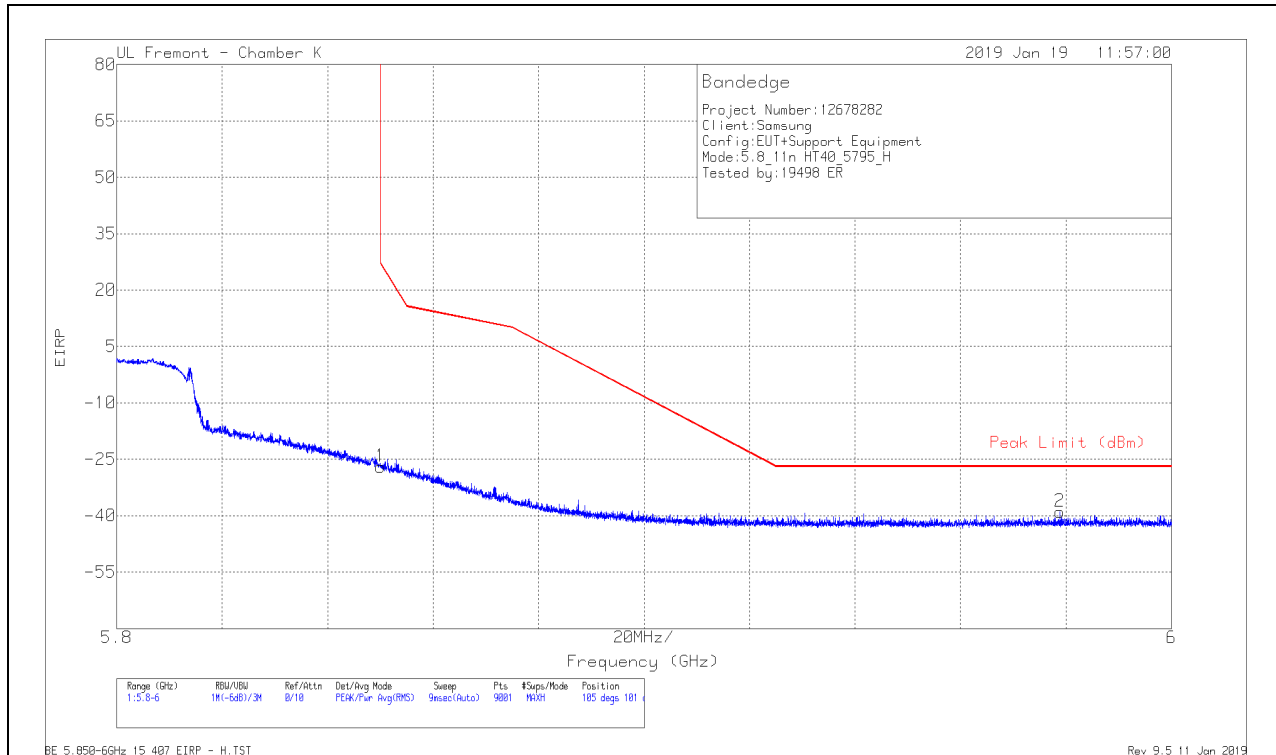


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-55.24	Pk	34.9	-19	11.8	-27.54	26.99	-54.53	285	106	V
2	5.642	-67.24	Pk	34.6	-19.4	11.8	-40.24	-27	-13.24	285	106	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

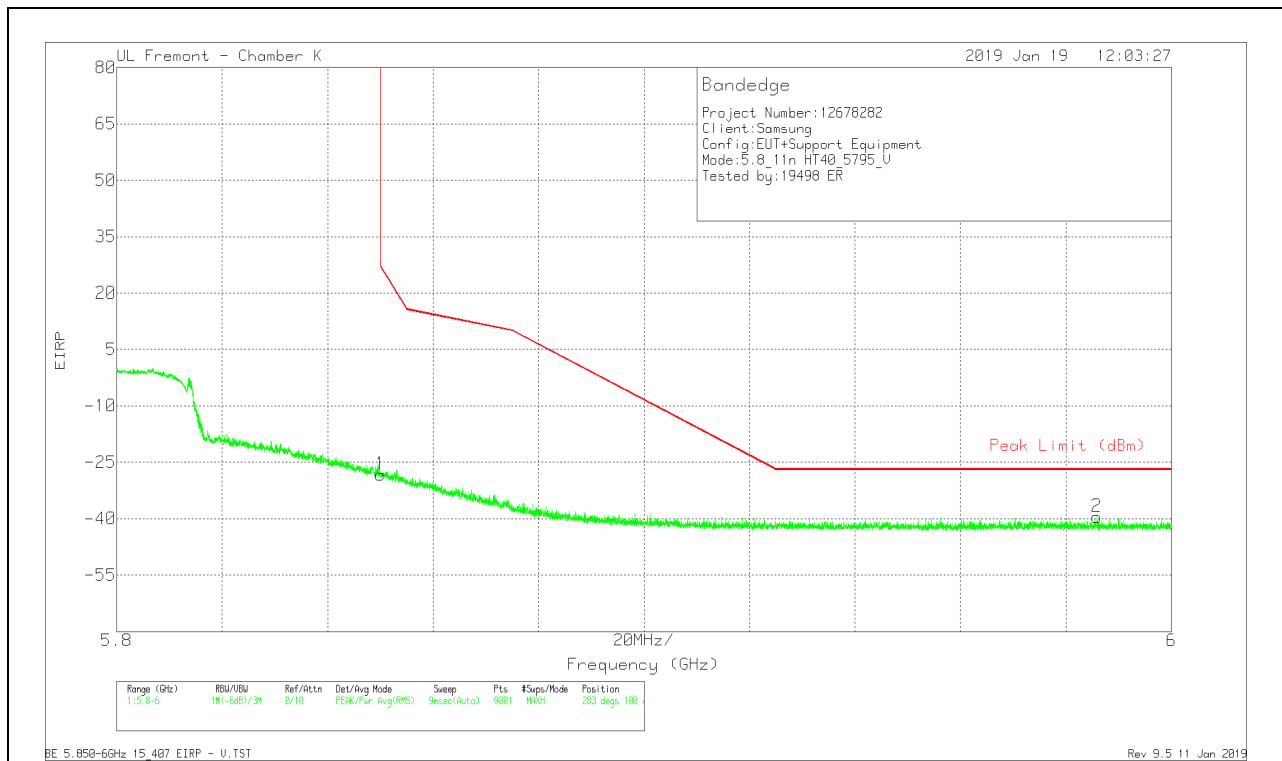
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Fitr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-54.92	Pk	35	-18.9	11.8	-27.02	26.95	-53.97	105	101	H
2	5.979	-67.25	Pk	35.1	-18.6	11.8	-38.95	-27	-11.95	105	101	H

Pk - Peak detector

VERTICAL RESULT

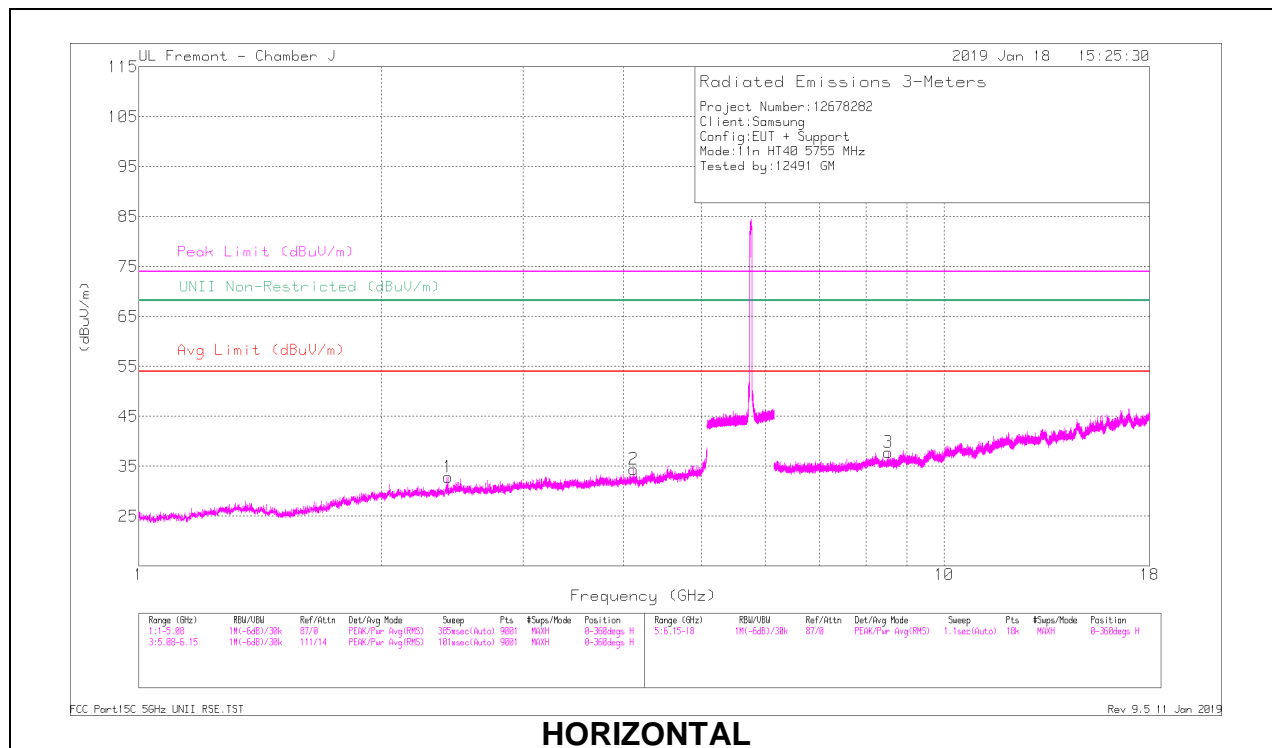


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-56.23	Pk	35	-18.9	11.8	-28.33	26.95	-55.28	283	100	V
2	5.986	-67.88	Pk	35.1	-18.6	11.8	-39.58	-27	-12.58	283	100	V

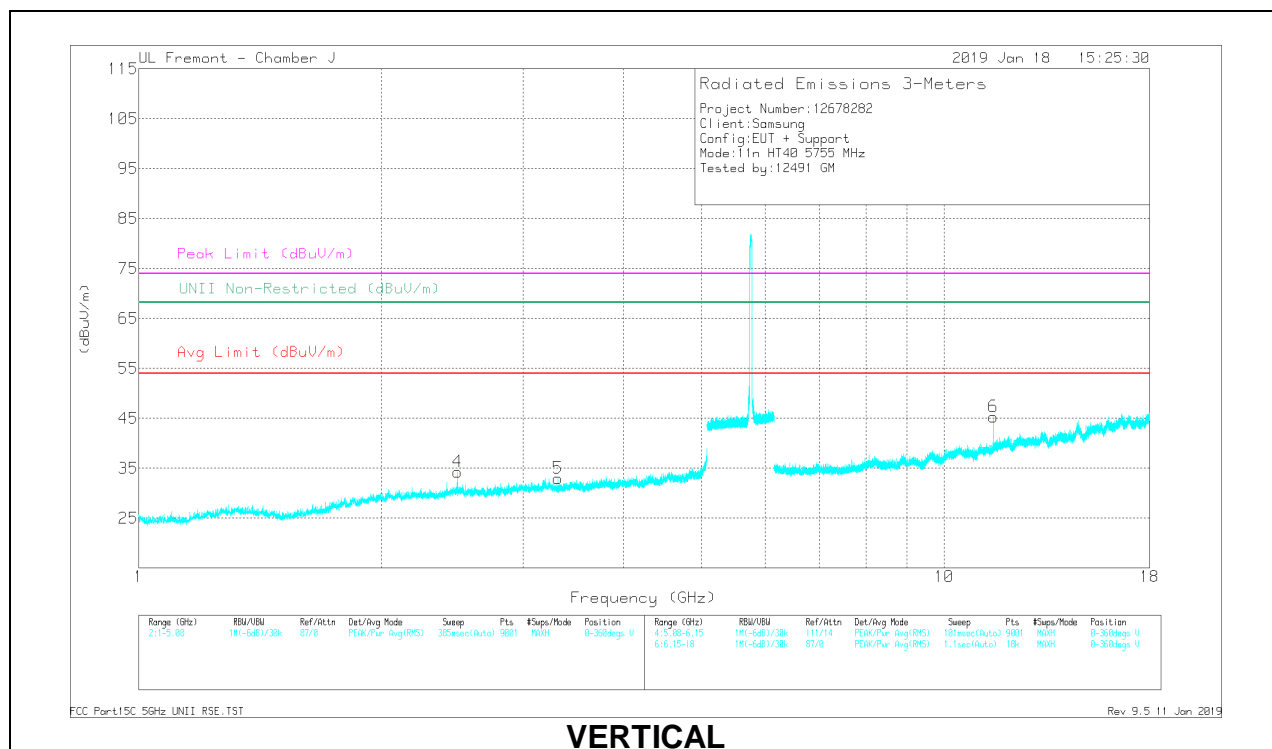
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



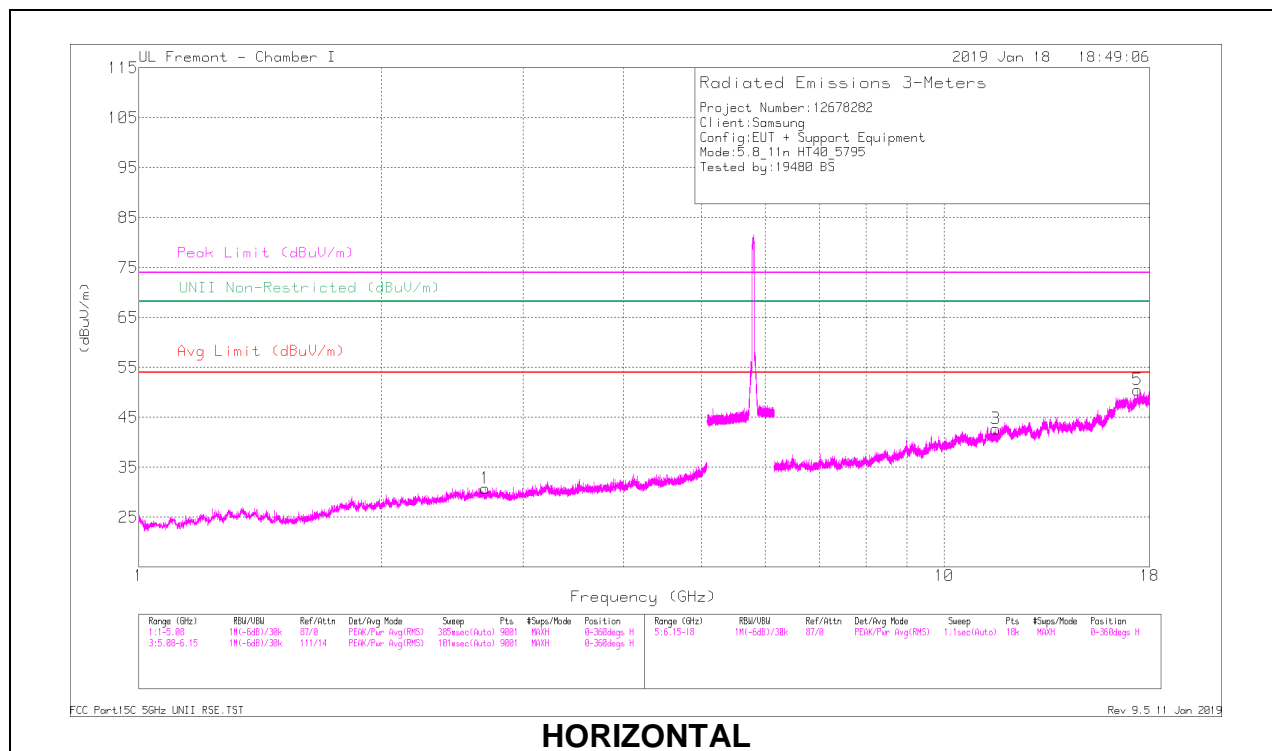
VERTICAL

RADIATED EMISSIONS

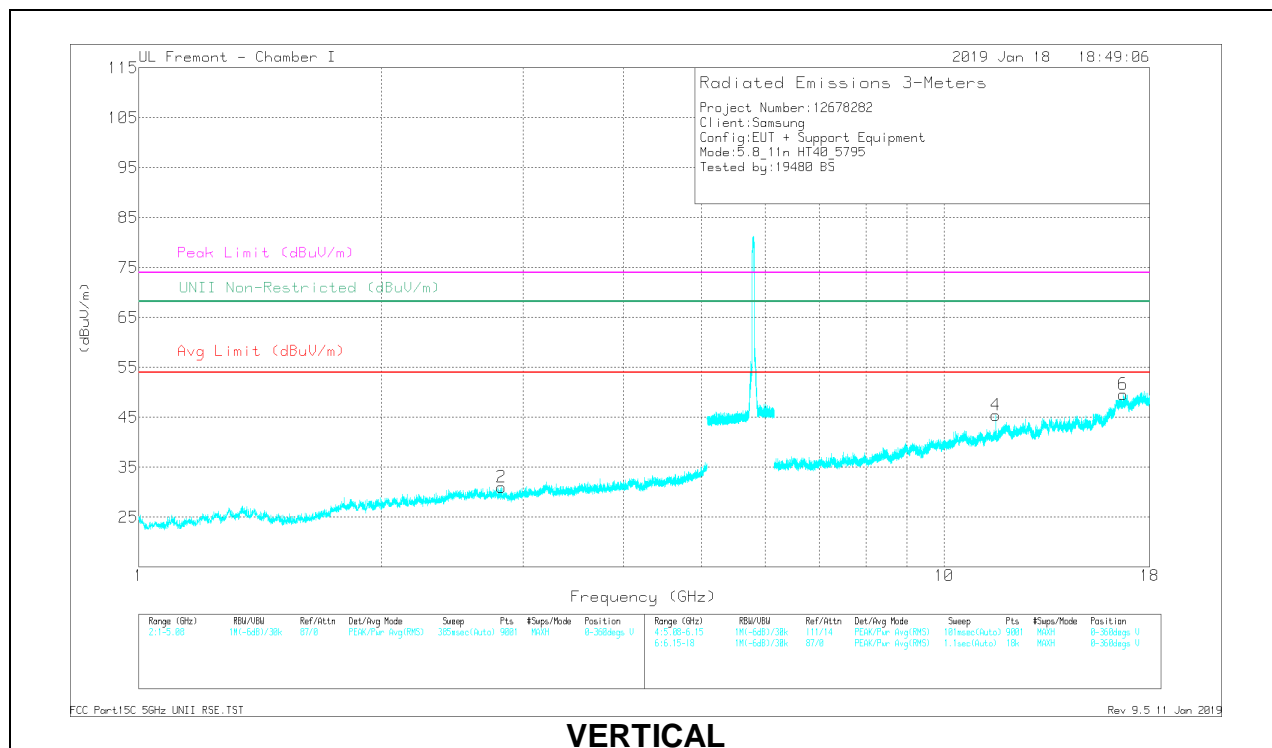
Frequency (GHz)	Measr Reading (dBuV)	Det	AF AT0067 (dBm)	AmpCoef/PwrPad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.42	41.16	PK-U	32.2	-35.5	0	37.86	-	-	-	-	68.2	-30.34	227	225	H
2.42	31.85	ADR	32.2	-35.5	.71	29.26	-	-	-	-	-	-	227	225	H
* 4.12	33.39	PK-U	33.6	-31.9	0	40.08	-	-	74	-33.92	-	-	223	228	H
* 4.118	28.66	ADR	33.6	-32	.71	30.97	54	-23.03	-	-	-	-	223	228	H
* 2.486	41.41	PK-U	32.5	-35.4	0	38.51	-	-	74	-35.49	-	-	85	334	V
* 2.488	31.61	ADR	32.5	-35.4	.71	29.42	54	-24.58	-	-	-	-	85	334	V
3.315	39.56	PK-U	33	-34.1	0	38.46	-	-	-	-	68.2	-29.74	202	343	V
3.318	29.87	ADR	33	-34.1	.71	29.48	-	-	-	-	-	-	202	343	V
8.53	34.76	PK-U	35.7	-28.3	0	44.16	-	-	-	-	68.2	-24.04	193	105	H
8.529	24.61	ADR	35.7	-28.3	.71	34.92	-	-	-	-	-	-	193	105	H
* 11.51	34.72	PK-U	38.2	-23.6	0	49.32	-	-	74	-24.68	-	-	122	131	V
* 11.51	28.65	ADR	38.2	-23.6	.71	43.96	54	-10.04	-	-	-	-	122	131	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

Frequency (GHz)	Measr Reading (dBuV)	Det	AF Y862 (dBm)	AmpC20/F10rPa d (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
* 2.694	36.26	PK-U	32.4	-31.5	0	37.16	-	-	74	-36.84	-	-	249	186	H
* 2.693	26.65	ADR	32.4	-31.5	.71	28.26	54	-25.74	-	-	-	-	249	186	H
* 2.823	38.17	PK-U	32.3	-31	0	37.47	-	-	74	-36.53	-	-	340	355	V
* 2.823	26.51	ADR	32.3	-31	.71	28.52	54	-25.48	-	-	-	-	340	355	V
* 11.59	29.86	PK-U	38.3	-16.6	0	51.56	-	-	74	-22.44	-	-	54	106	H
* 11.59	20.08	ADR	38.3	-16.6	.71	42.49	54	-11.51	-	-	-	-	54	106	H
17.404	25.31	PK-U	41.3	-10.6	0	56.01	-	-	-	-	68.2	-12.19	89	253	H
* 11.59	29.59	PK-U	38.3	-16.6	0	51.29	-	-	74	-22.71	-	-	62	106	V
* 11.59	22.72	ADR	38.3	-16.6	.71	45.13	54	-8.87	-	-	-	-	62	106	V
16.678	26.06	PK-U	41.5	-11.7	0	55.86	-	-	-	-	68.2	-12.34	300	224	V

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

PK-U - U-NII: Maximum Peak

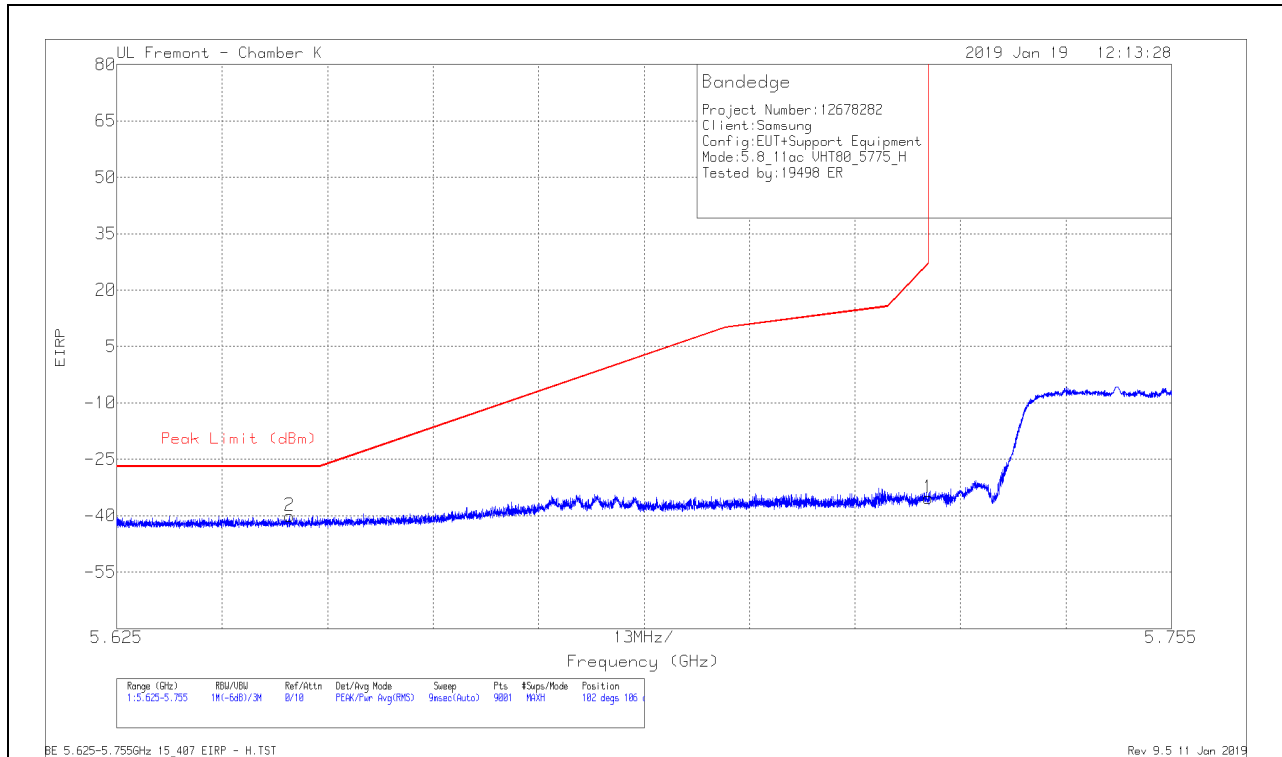
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 1 MODE

BANDEDGE (CHANNEL 155 LOW EDGE)

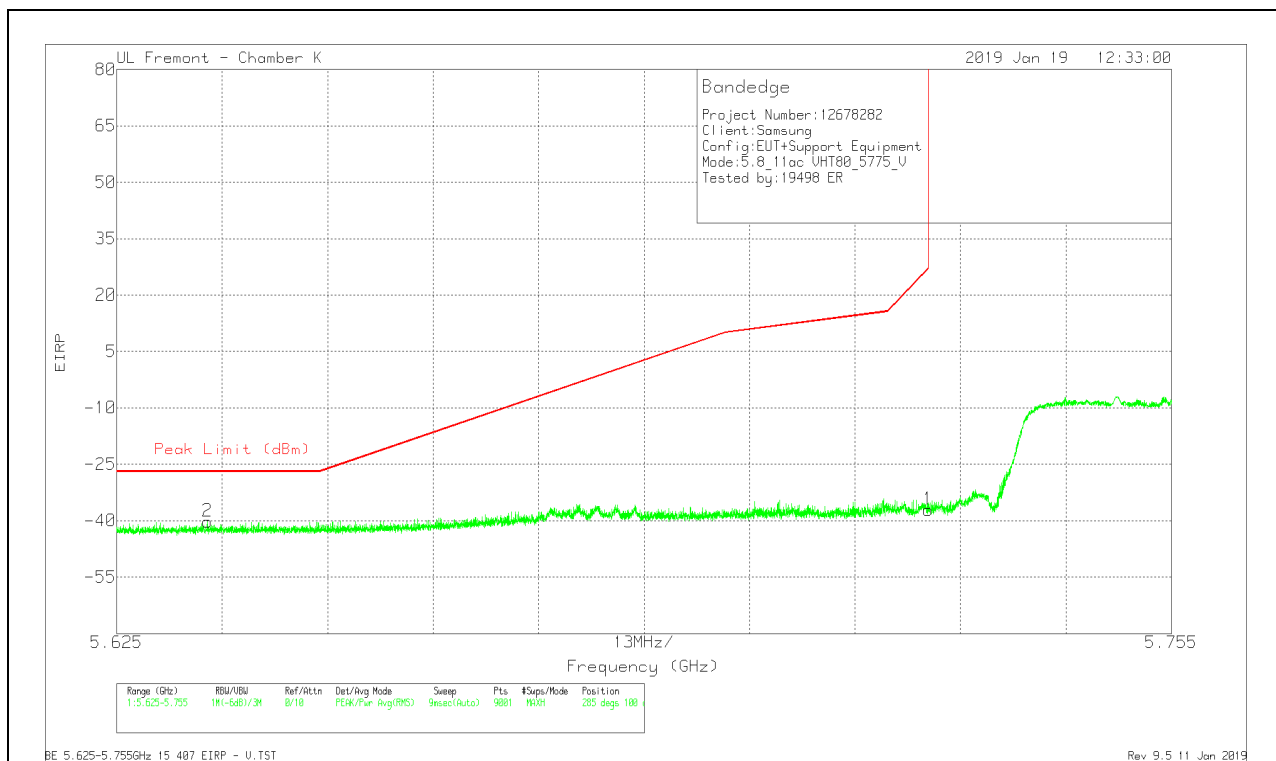
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-62.95	Pk	34.9	-19	11.8	-35.25	26.99	-62.24	102	106	H
2	5.646	-66.98	Pk	34.6	-19.4	11.8	-39.98	-27	-12.98	102	106	H

Pk - Peak detector

VERTICAL RESULT

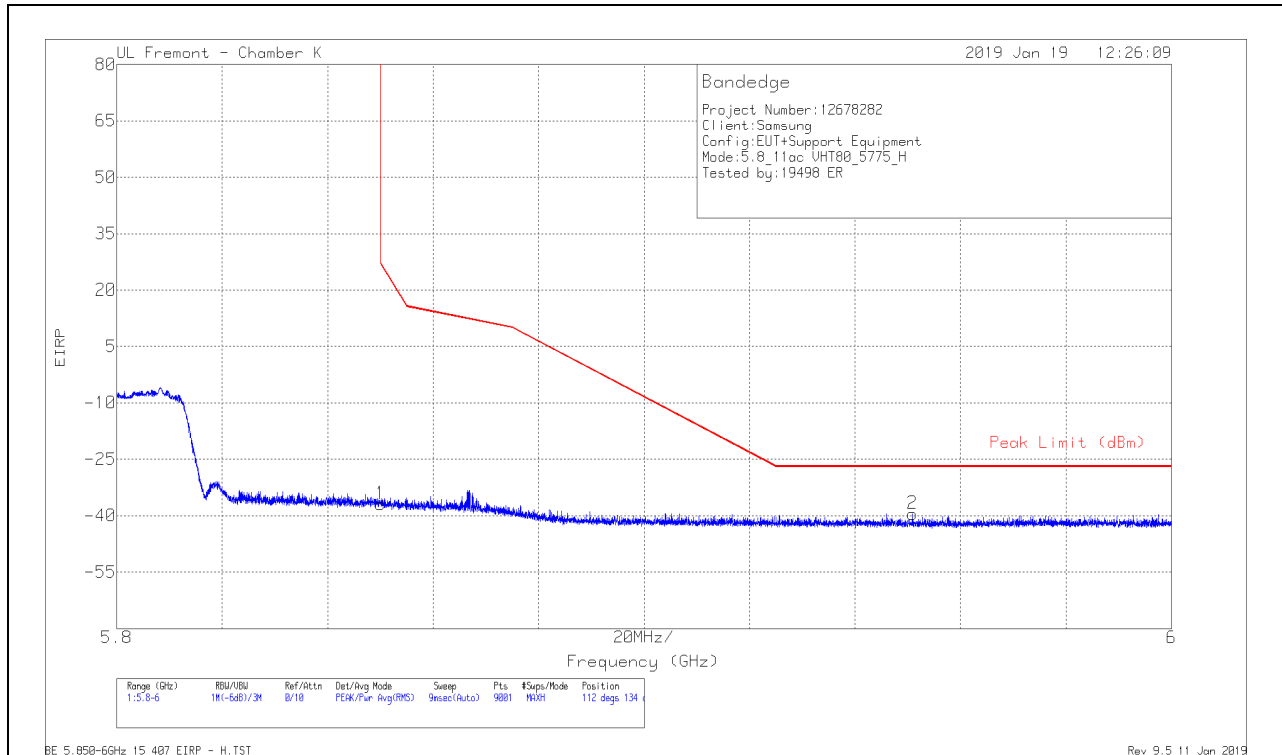


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-64.89	Pk	34.9	-19	11.8	-37.19	26.99	-64.18	285	100	V
2	5.636	-67.14	Pk	34.6	-19.5	11.8	-40.24	-27	-13.24	285	100	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

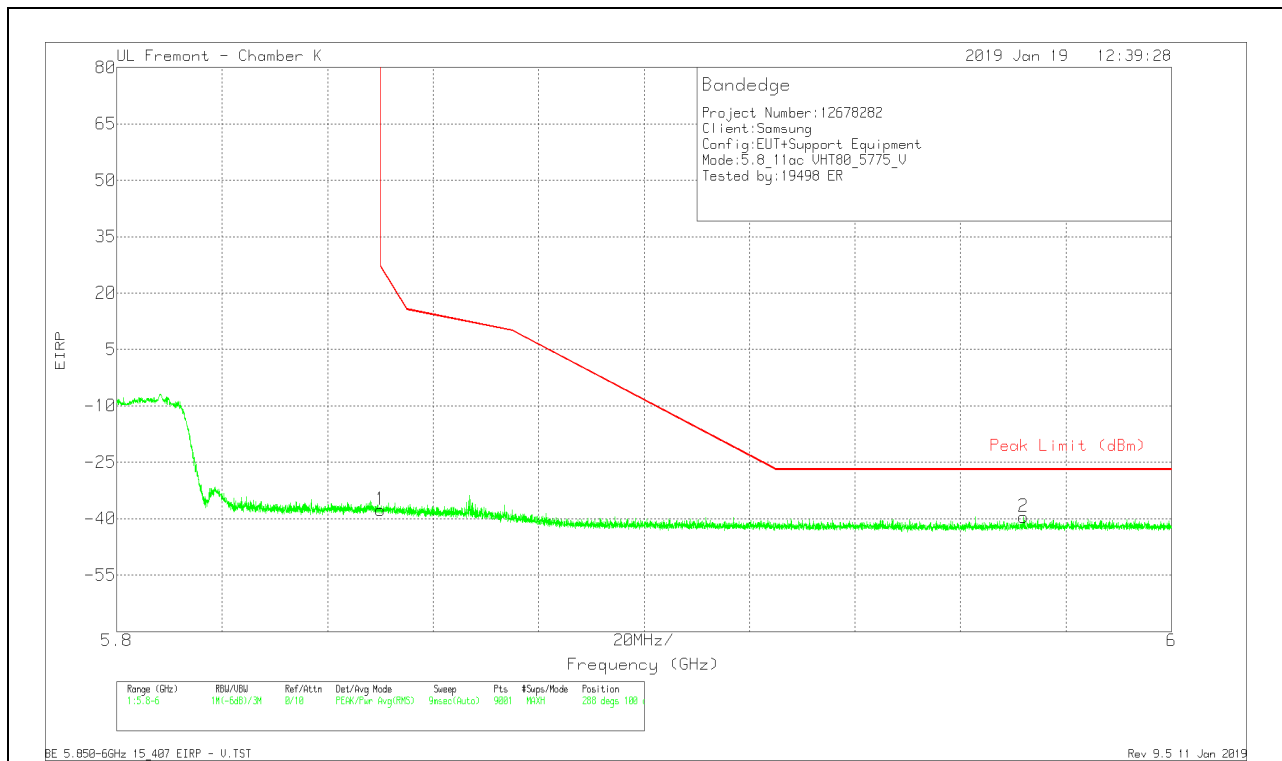
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-64.82	Pk	35	-18.9	11.8	-36.92	26.95	-63.87	112	134	H
2	5.951	-67.68	Pk	35.1	-18.7	11.8	-39.48	-27	-12.48	112	134	H

Pk - Peak detector

VERTICAL RESULT

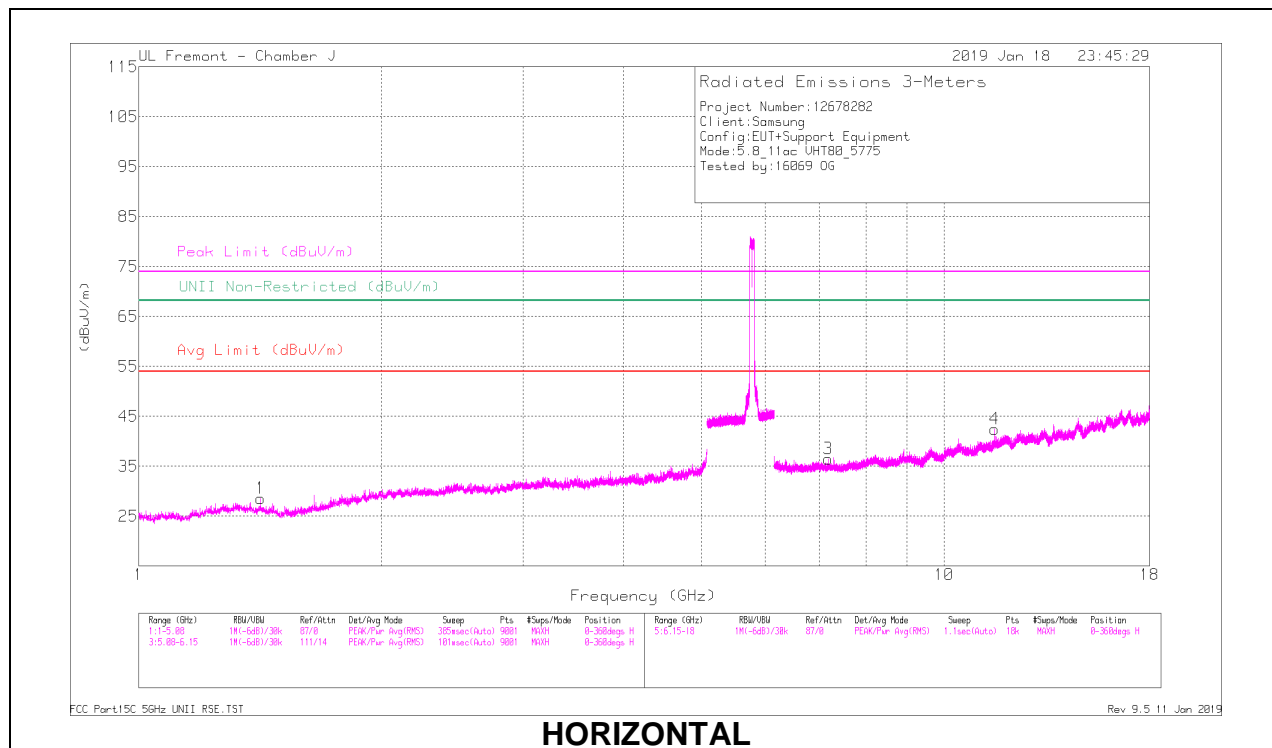


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-65.59	Pk	35	-18.9	11.8	-37.69	26.95	-64.64	288	100	V
2	5.972	-67.79	Pk	35.1	-18.6	11.8	-39.49	-27	-12.49	288	100	V

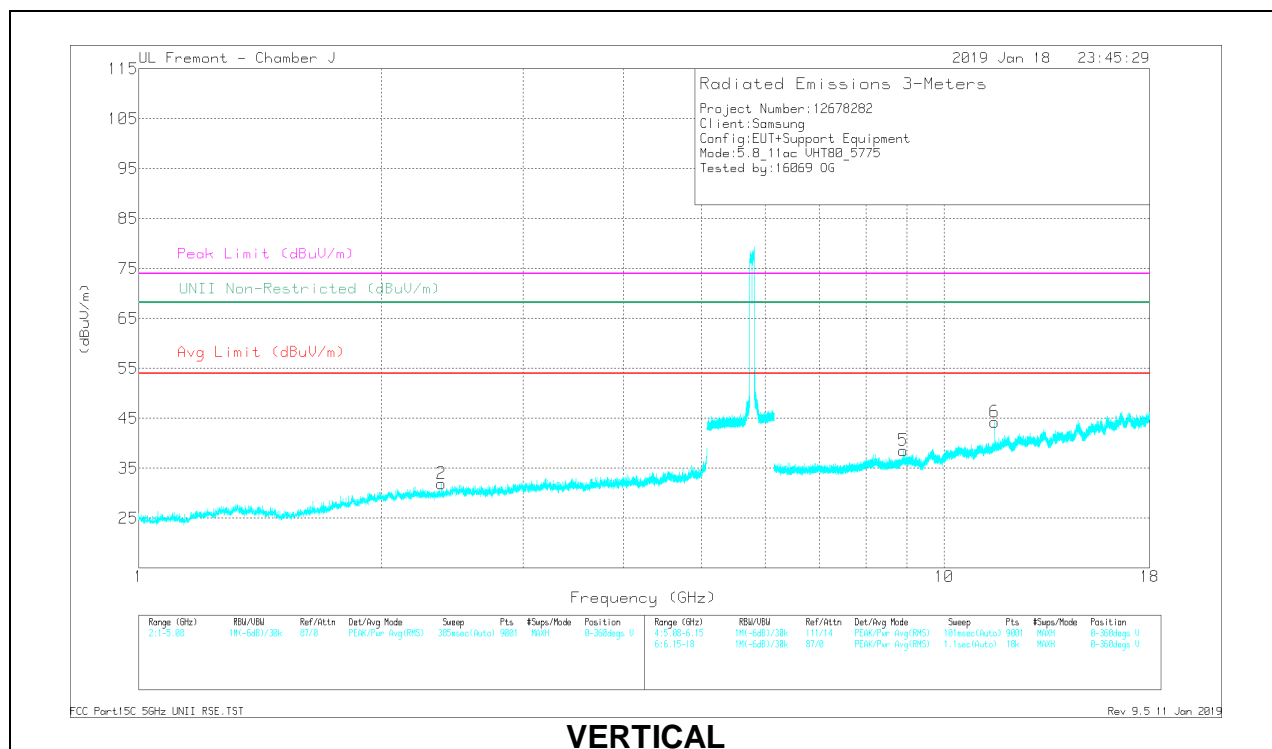
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

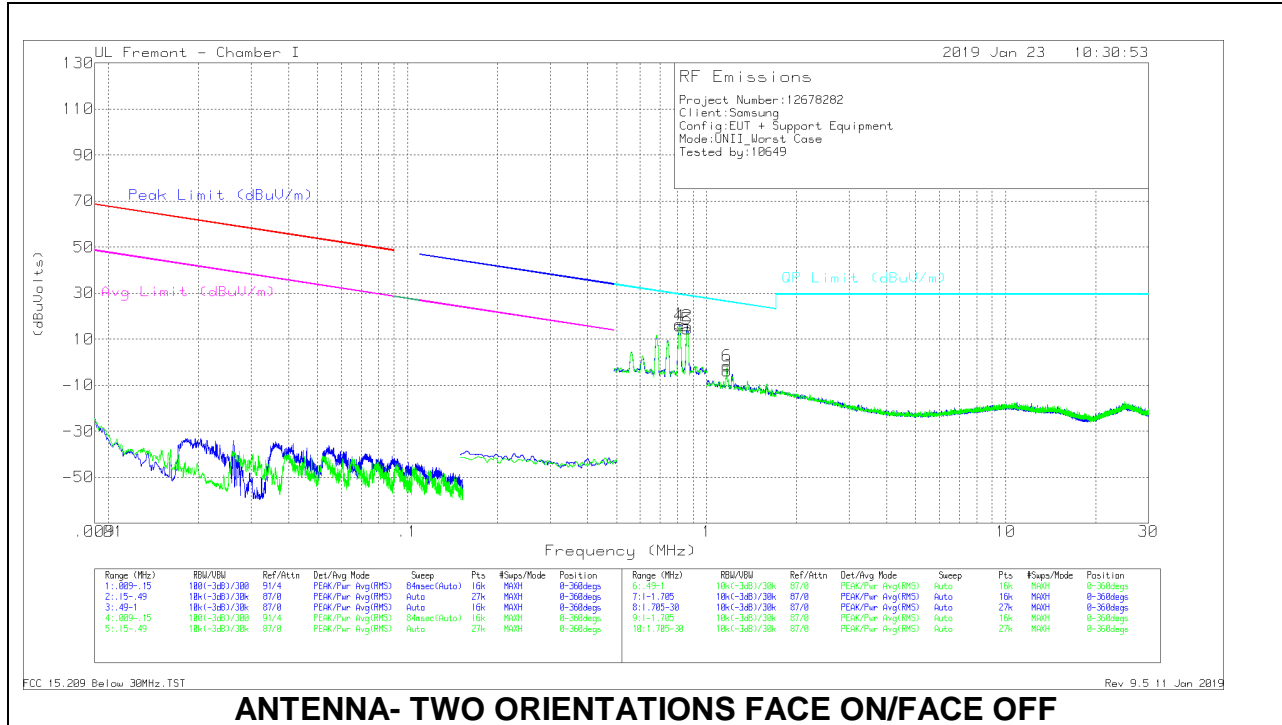
RADIATED EMISSIONS

Frequency (GHz)	Measr Reading (dBuV)	Det	AF AT0067 (dBm)	AmpCoef/Filter/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
* 1.417	42.76	PK-U	28.8	-35.9	0	35.66	-	-	74	-38.34	-	-	163	222	H
* 1.417	31.69	ADR	28.8	-35.9	1.29	25.88	54	-28.12	-	-	-	-	163	222	H
* 2.378	41.59	PK-U	32	-35.5	0	38.09	-	-	74	-35.91	-	-	43	220	V
* 2.376	31.68	ADR	32	-35.5	1.29	29.47	54	-24.53	-	-	-	-	43	220	V
* 11.55	34.37	PK-U	38.3	-23.6	0	49.07	-	-	74	-24.93	-	-	292	109	H
* 11.55	26.64	ADR	38.3	-23.6	1.29	42.63	54	-11.37	-	-	-	-	292	109	H
7.183	34.57	PK-U	35.6	-27.3	0	42.87	-	-	-	-	68.2	-25.33	18	257	H
* 11.55	35.65	PK-U	38.3	-23.6	0	50.35	-	-	74	-23.65	-	-	294	103	V
* 11.55	28.4	ADR	38.3	-23.6	1.29	44.39	54	-9.61	-	-	-	-	294	103	V
8.902	33.09	PK-U	35.9	-25.1	0	44.69	-	-	-	-	68.2	-23.51	4	246	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

10.2. Worst Case Below 30MHz

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)

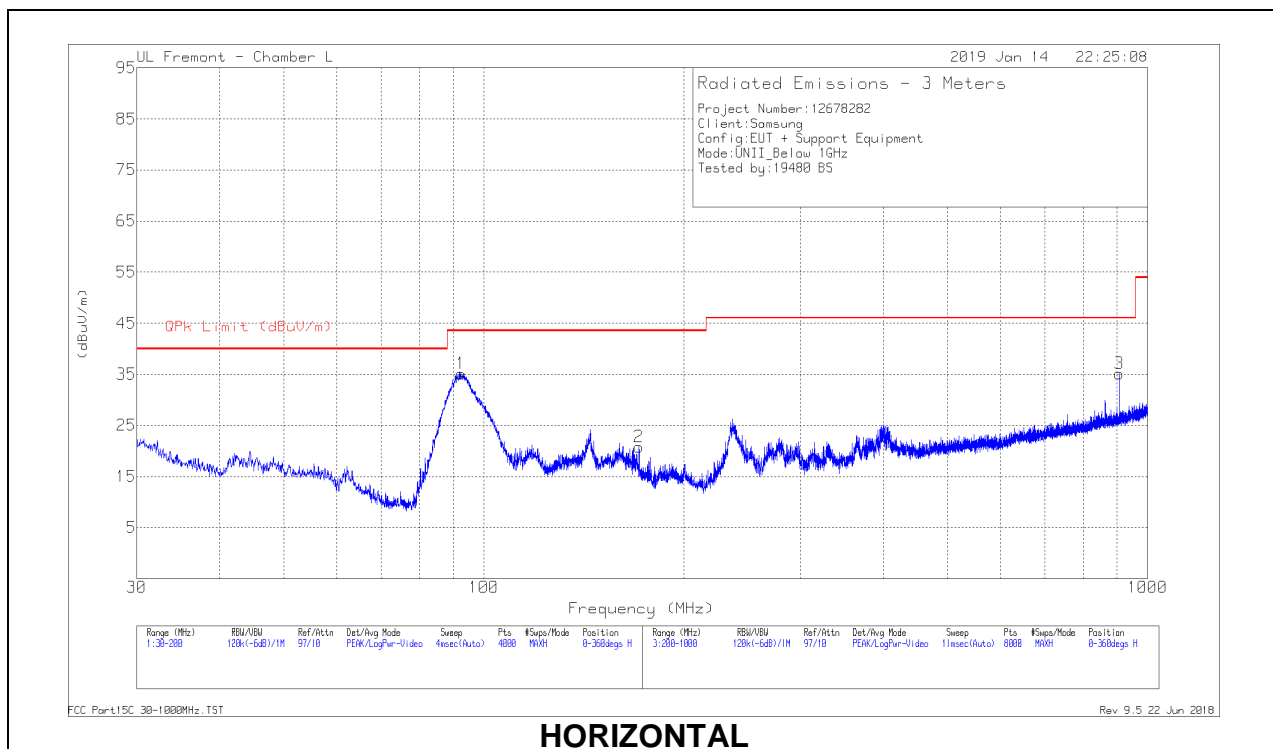


Below 30MHz Data

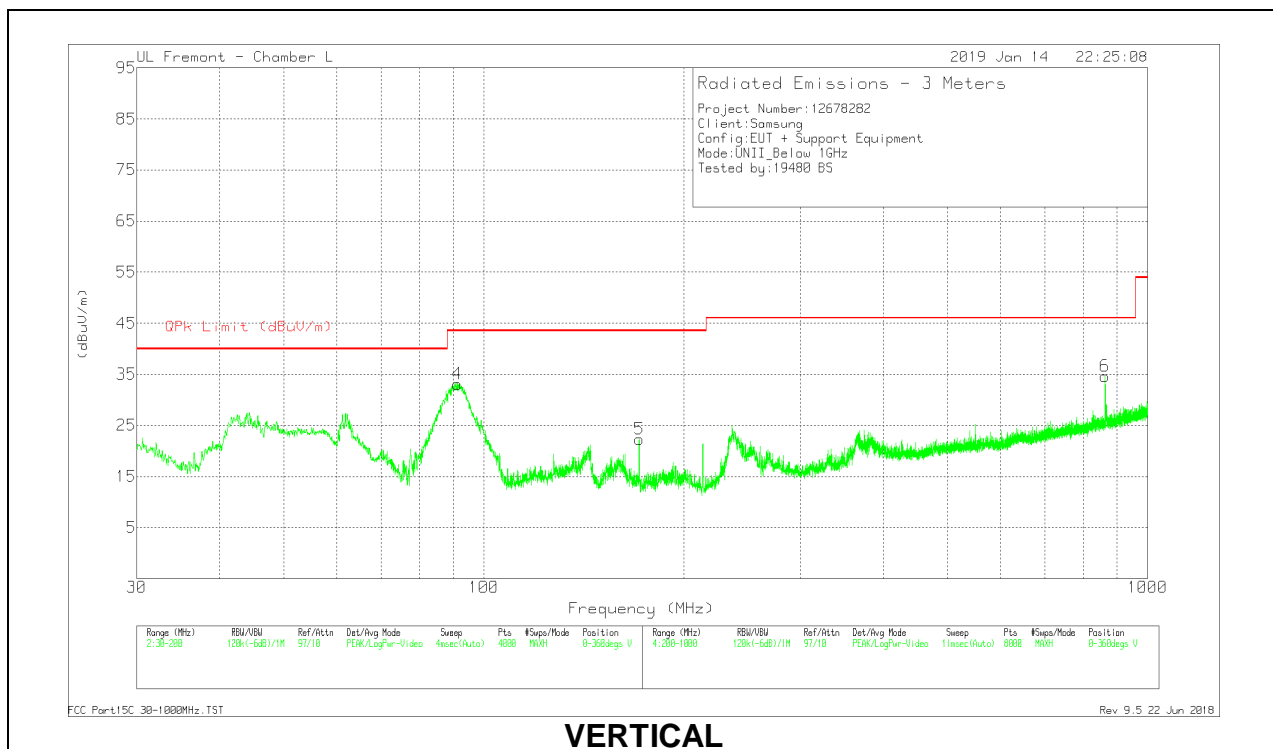
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (ACF)	Cable s w/ PRE0 18017 5 (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuVolts)	QP Limit (dBuV /m)	Margin (dB)	Azimuth (Degs)
1	.81069	32.17	Pk	56.3	-31.8	-40	16.67	29.44	-12.77	0-360
2	.86157	31.3	Pk	56.3	-31.8	-40	15.8	28.91	-13.11	0-360
4	.81035	31.18	Pk	56.3	-31.8	-40	15.68	29.44	-13.76	0-360
5	.8617	30	Pk	56.3	-31.8	-40	14.5	28.91	-14.41	0-360
3	1.16867	22.44	Pk	45.5	-31.8	-40	-3.86	26.27	-30.13	0-360
6	1.17039	24.62	Pk	45.5	-31.8	-40	-1.68	26.26	-27.94	0-360

Pk - Peak detector

10.3. Worst Case Below 1 GHz



HORIZONTAL



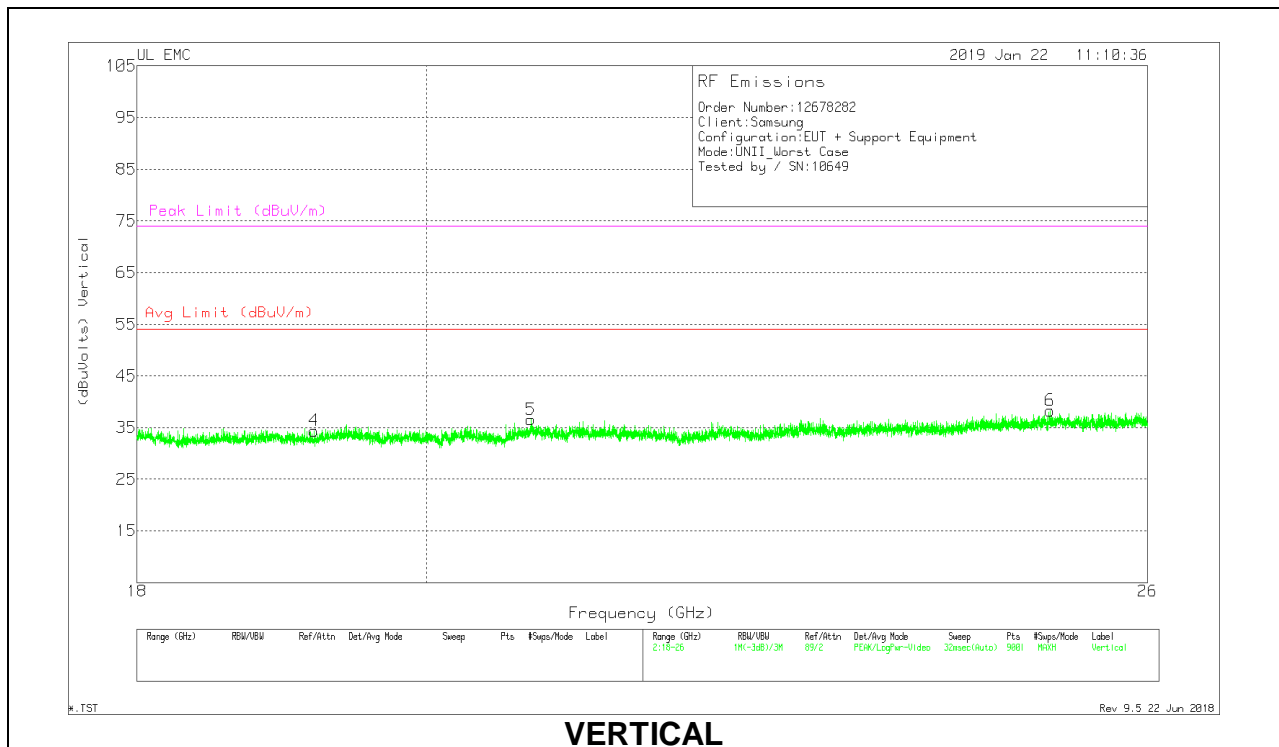
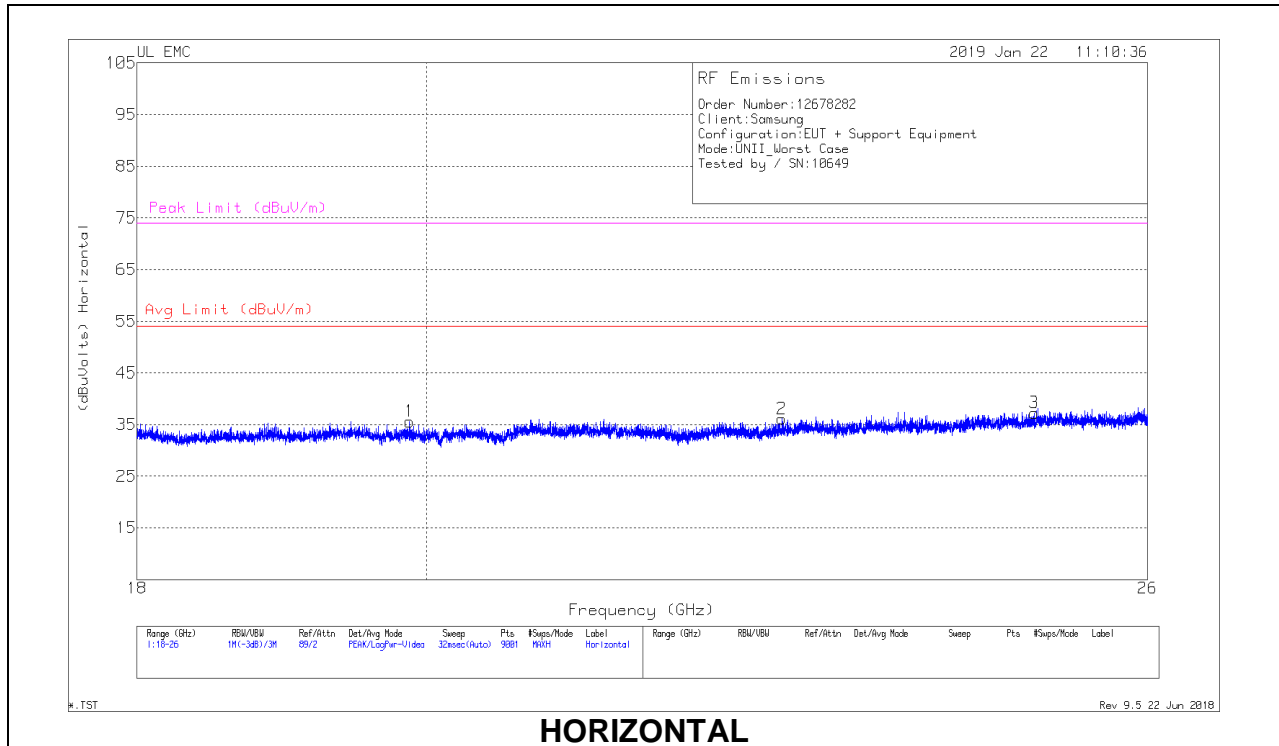
VERTICAL

Below 1GHz DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0184970 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	92.4061	52.07	Pk	14	-31	35.07	43.52	-8.45	0-360	299	H
2	* 171.3491	33.8	Pk	17.5	-30.5	20.8	43.52	-22.72	0-360	102	H
4	91.2584	50.28	Pk	13.8	-31	33.08	43.52	-10.44	0-360	102	V
5	* 171.3916	35.31	Pk	17.5	-30.5	22.31	43.52	-21.21	0-360	102	V
3	907.0919	34.54	Pk	28.1	-27.5	35.14	46.02	-10.88	0-360	199	H
6	863.2862	34.58	Pk	27.6	-27.6	34.58	46.02	-11.44	0-360	102	V

Pk - Peak detector

10.4. Worst Case 18-26 GHz

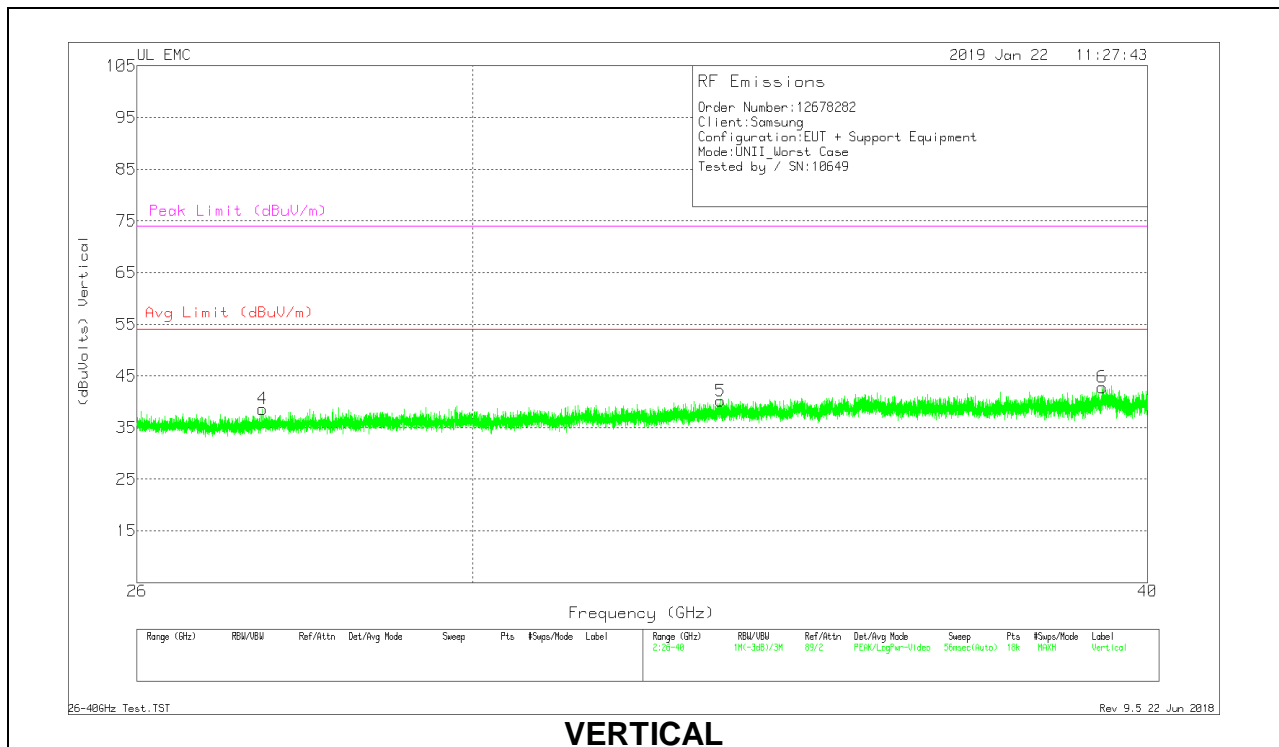
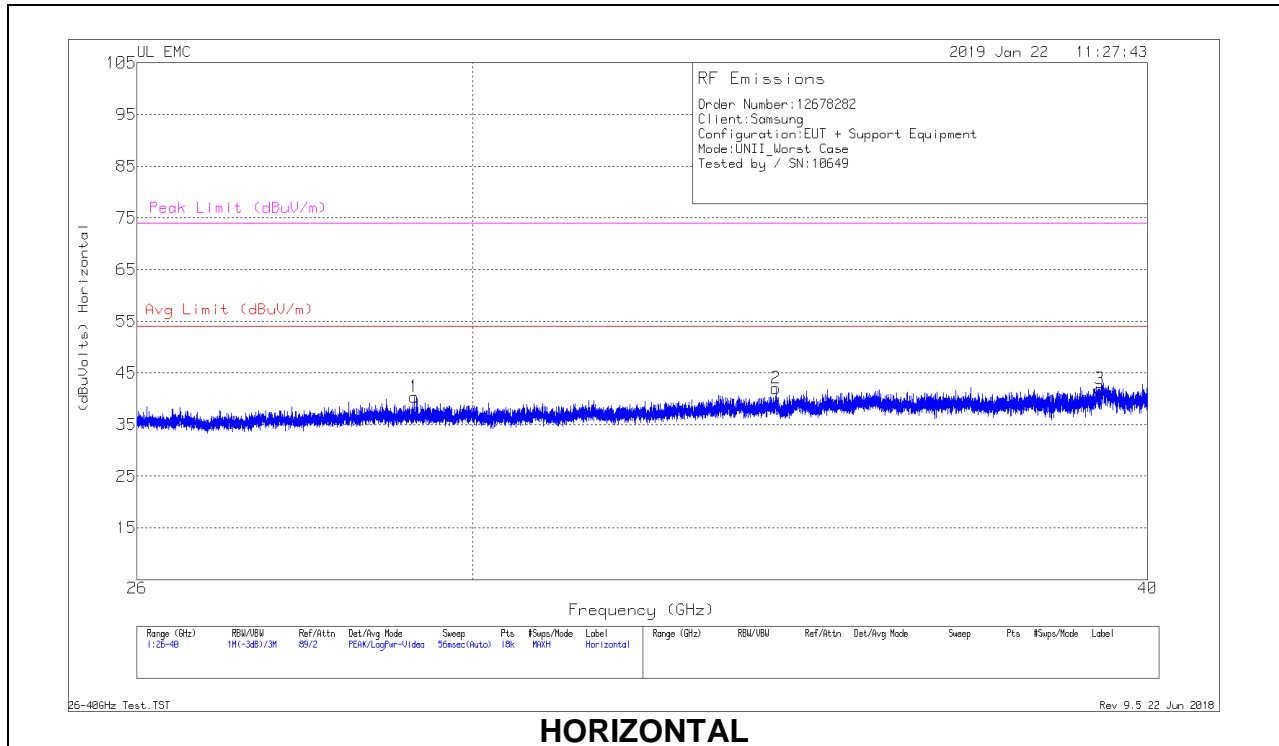


18 – 26GHz DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T448 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	19.876	69.2	Pk	32.6	-56.7	-9.5	35.6	54	-18.4	74	-38.4
2	22.762	69.72	Pk	33.5	-57.6	-9.5	36.12	54	-17.88	74	-37.88
3	24.95	67.85	Pk	34.4	-55.5	-9.5	37.25	54	-16.75	74	-36.75
4	19.197	68.57	Pk	32.6	-57.3	-9.5	34.37	54	-19.63	74	-39.63
5	20.772	69.76	Pk	33	-56.7	-9.5	36.56	54	-17.44	74	-37.44
6	25.094	68.27	Pk	34.6	-55.1	-9.5	38.27	54	-15.73	74	-35.73

Pk - Peak detector

10.5. Worst Case 26-40 GHz



26 – 40GHz DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T90 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	29.262	67.18	Pk	35.9	-53.2	-9.5	40.38	54	-13.62	74	-33.62
2	34.138	68.75	Pk	36.9	-54.1	-9.5	42.05	54	-11.95	74	-31.95
3	39.195	67.67	Pk	38.3	-54.6	-9.5	41.87	54	-12.13	74	-32.13
4	27.428	69.3	Pk	35.7	-56.9	-9.5	38.6	54	-15.4	74	-35.4
5	33.34	66.96	Pk	37	-54.3	-9.5	40.16	54	-13.84	74	-33.84
6	39.233	68.4	Pk	38.5	-54.6	-9.5	42.8	54	-11.2	74	-31.2

Pk - Peak detector

11. 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.

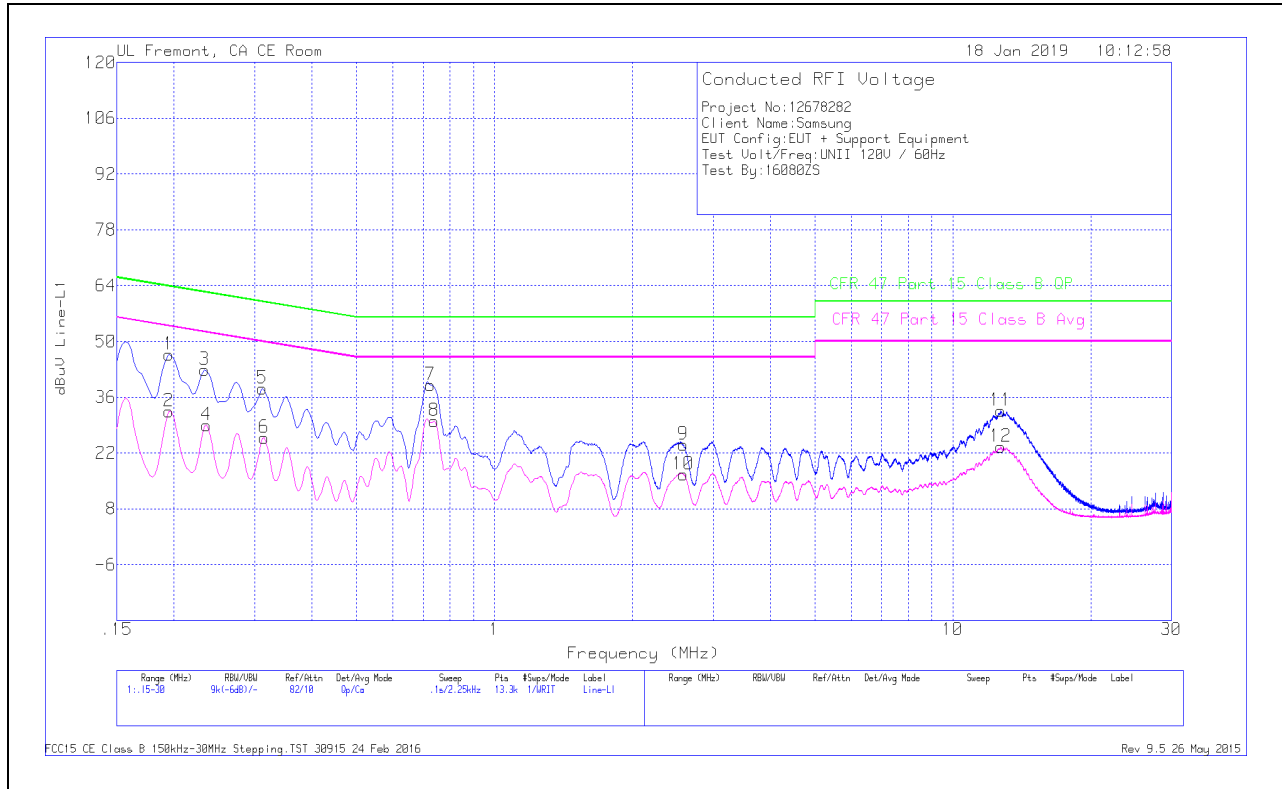
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

11.1.1. AC Power Line Norm

LINE 1 RESULTS

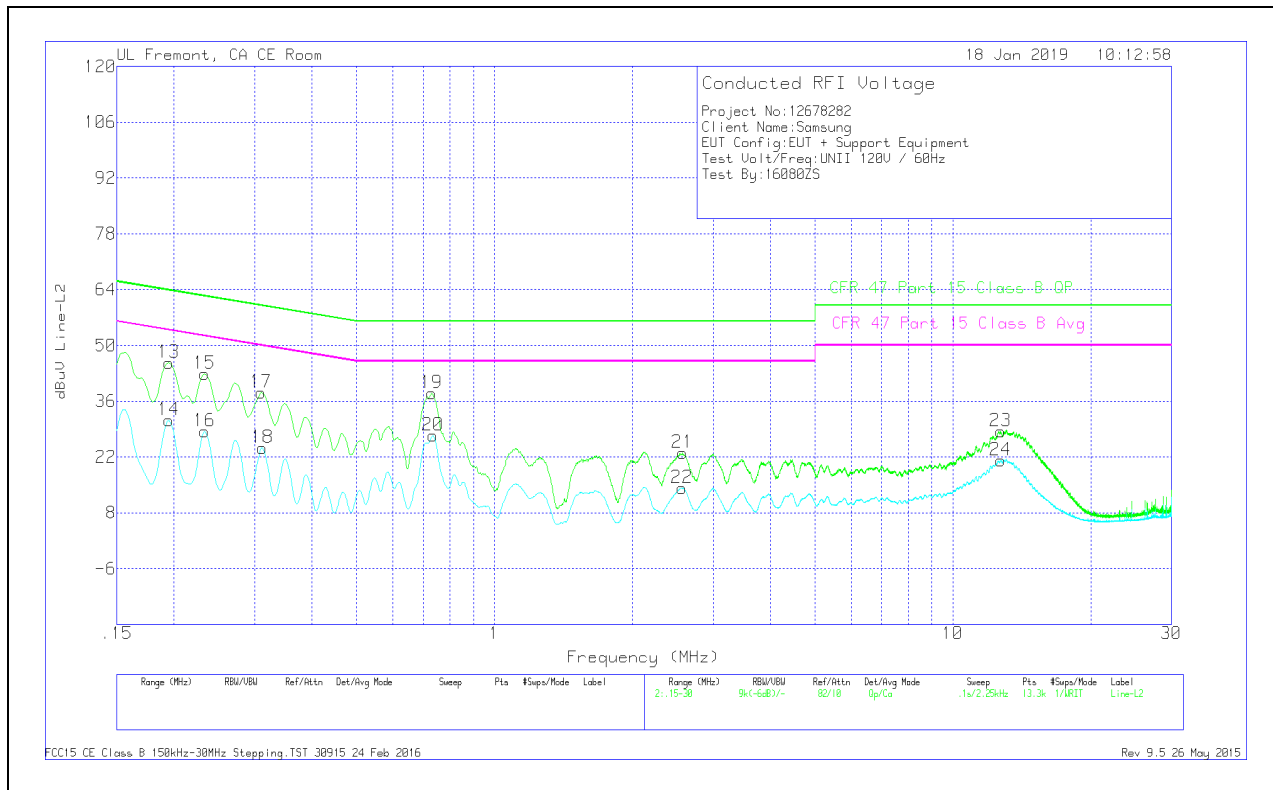


Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
1	.195	36.54	Qp	0	0	10.1	46.64	63.82	-17.18	-	-
2	.195	22.42	Ca	0	0	10.1	32.52	-	-	53.82	-21.3
3	.23325	32.83	Qp	0	0	10.1	42.93	62.33	-19.4	-	-
4	.2355	18.87	Ca	0	0	10.1	28.97	-	-	52.25	-23.28
5	.312	28.02	Qp	0	0	10.1	38.12	59.92	-21.8	-	-
6	.31425	15.66	Ca	0	0	10.1	25.76	-	-	49.86	-24.1
7	.726	29	Qp	0	0	10.1	39.1	56	-16.9	-	-
8	.7395	19.83	Ca	0	0	10.1	29.93	-	-	46	-16.07
9	2.5845	13.89	Qp	0	.1	10.1	24.09	56	-31.91	-	-
10	2.58113	6.49	Ca	0	.1	10.1	16.69	-	-	46	-29.31
11	12.741	22.04	Qp	.1	.2	10.2	32.54	60	-27.46	-	-
12	12.7275	13.01	Ca	.1	.2	10.2	23.51	-	-	50	-26.49

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



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	.195	35.51	Qp	0	0	10.1	45.61	63.82	-18.21	-	-
14	.195	21.15	Ca	0	0	10.1	31.25	-	-	53.82	-22.57
15	.23325	32.71	Qp	0	0	10.1	42.81	62.33	-19.52	-	-
16	.23325	18.28	Ca	0	0	10.1	28.38	-	-	52.33	-23.95
17	.30975	28.05	Qp	0	0	10.1	38.15	59.98	-21.83	-	-
18	.312	14.15	Ca	0	0	10.1	24.25	-	-	49.92	-25.67
19	.7305	27.84	Qp	0	0	10.1	37.94	56	-18.06	-	-
20	.735	17.24	Ca	0	0	10.1	27.34	-	-	46	-18.66
21	2.57775	12.83	Qp	0	.1	10.1	23.03	56	-32.97	-	-
22	2.5665	3.99	Ca	0	.1	10.1	14.19	-	-	46	-31.81
23	12.7376	17.87	Qp	.1	.2	10.2	28.37	60	-31.63	-	-
24	12.7376	10.71	Ca	.1	.2	10.2	21.21	-	-	50	-28.79

Qp - Quasi-Peak detector

Ca - CISPR average detection