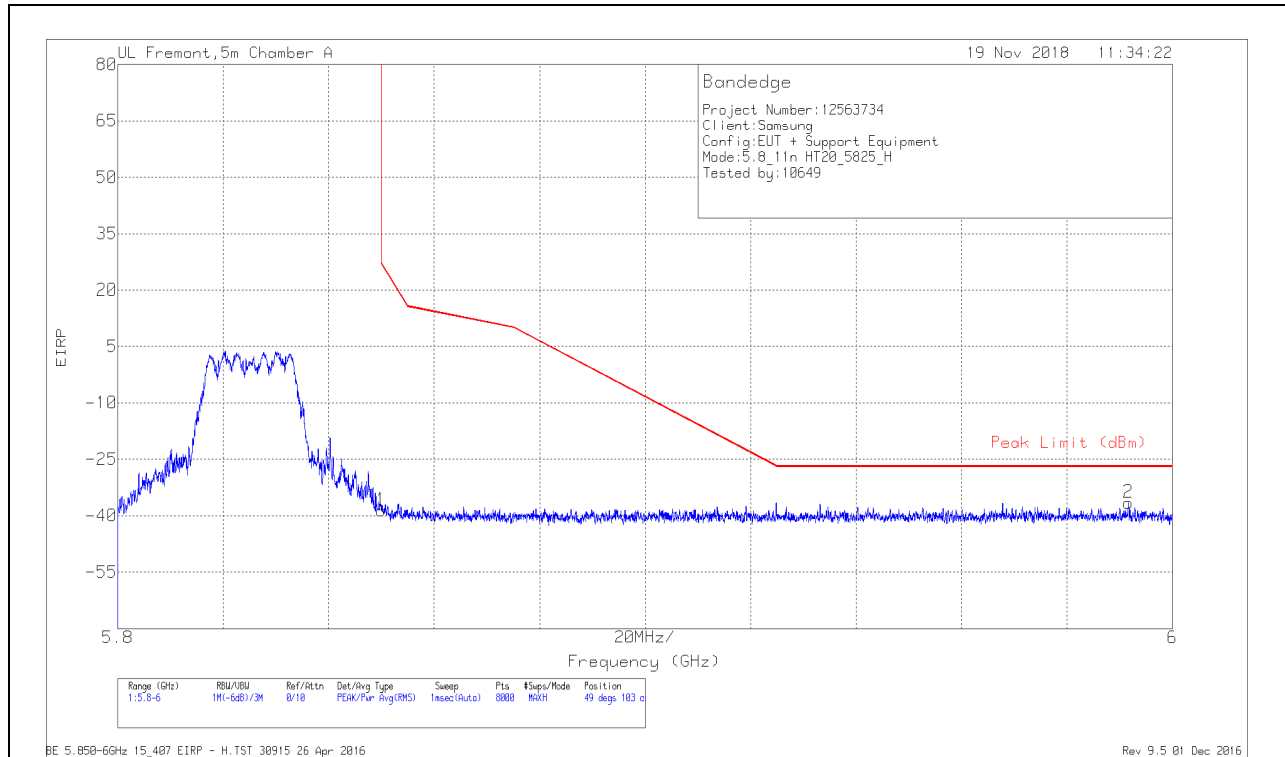


BANDEDGE (HIGH CHANNEL)

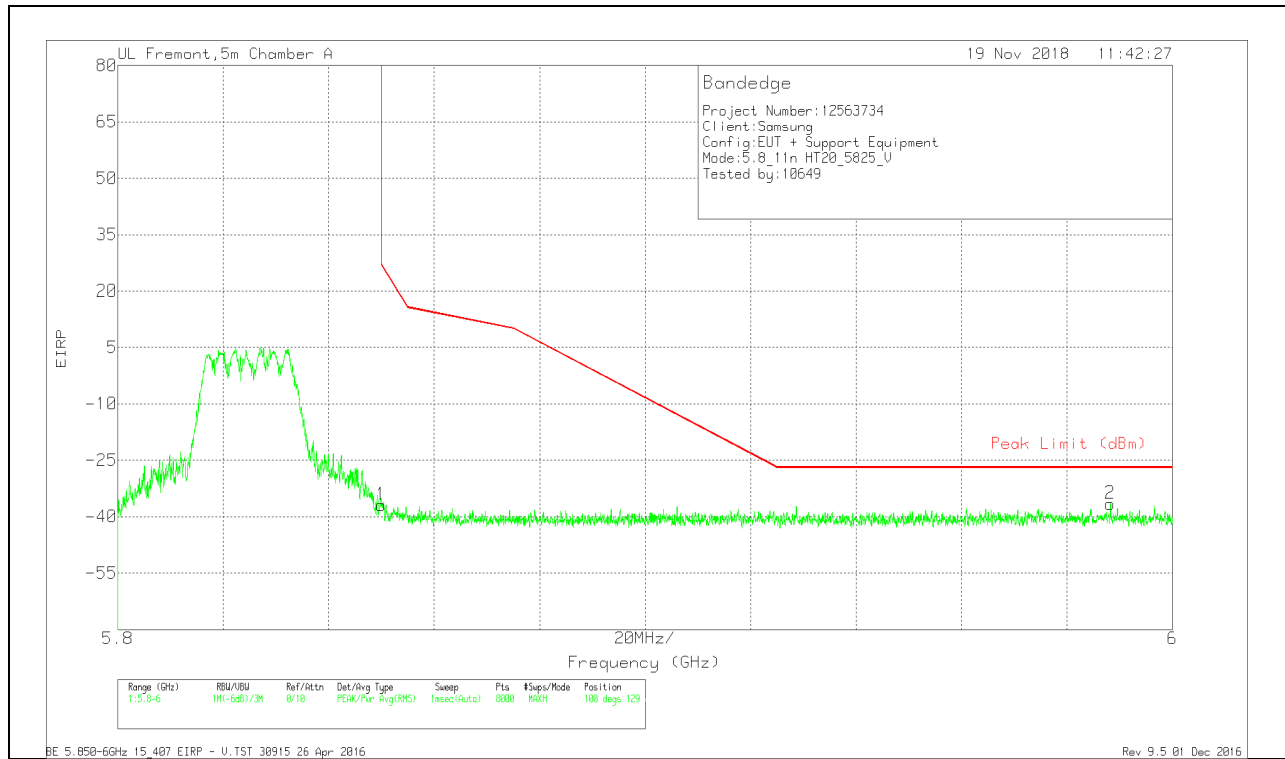
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (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	-68.97	Pk	35.1	-16.5	11.8	-38.57	26.99	-65.56	49	103	H
2	5.992	-67.43	Pk	35.3	-16.2	11.8	-36.53	-27	-9.53	49	103	H

Pk - Peak detector

VERTICAL RESULT

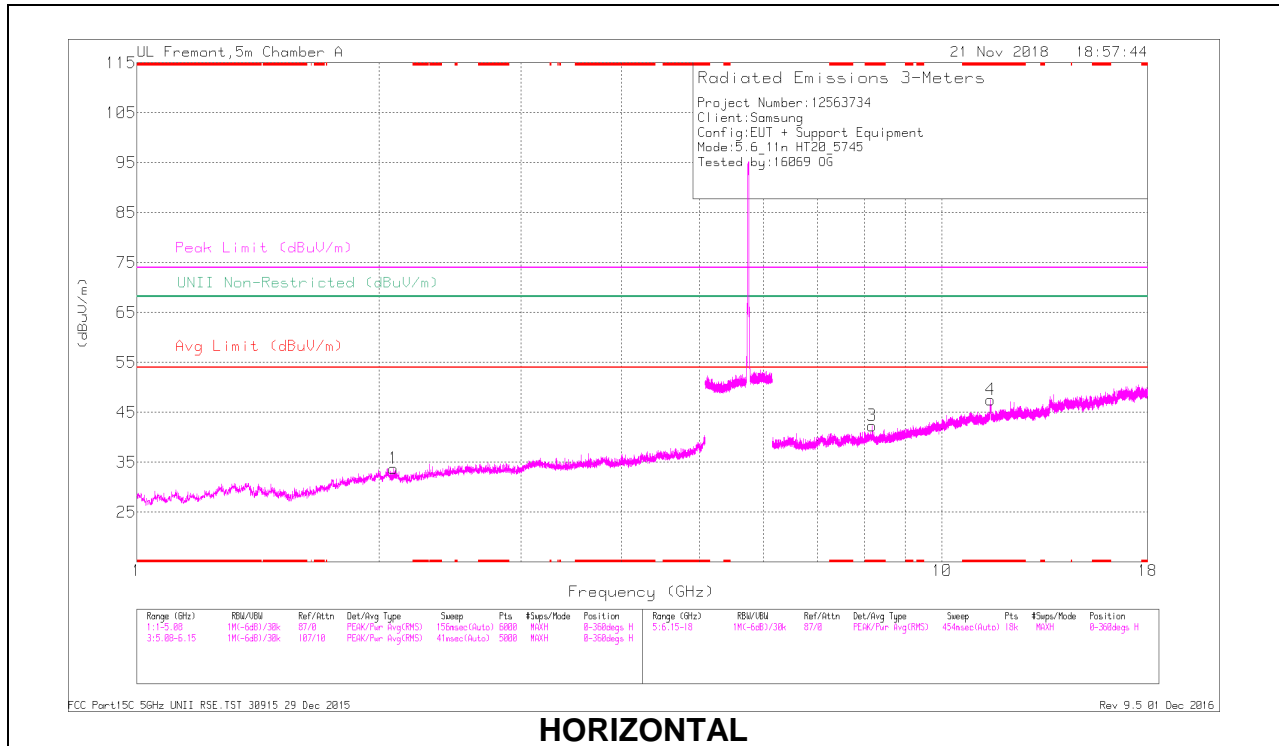


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.27	Pk	35.1	-16.5	11.8	-36.87	26.99	-63.86	100	129	V
2	5.988	-67.53	Pk	35.3	-16.1	11.8	-36.53	-27	-9.53	100	129	V

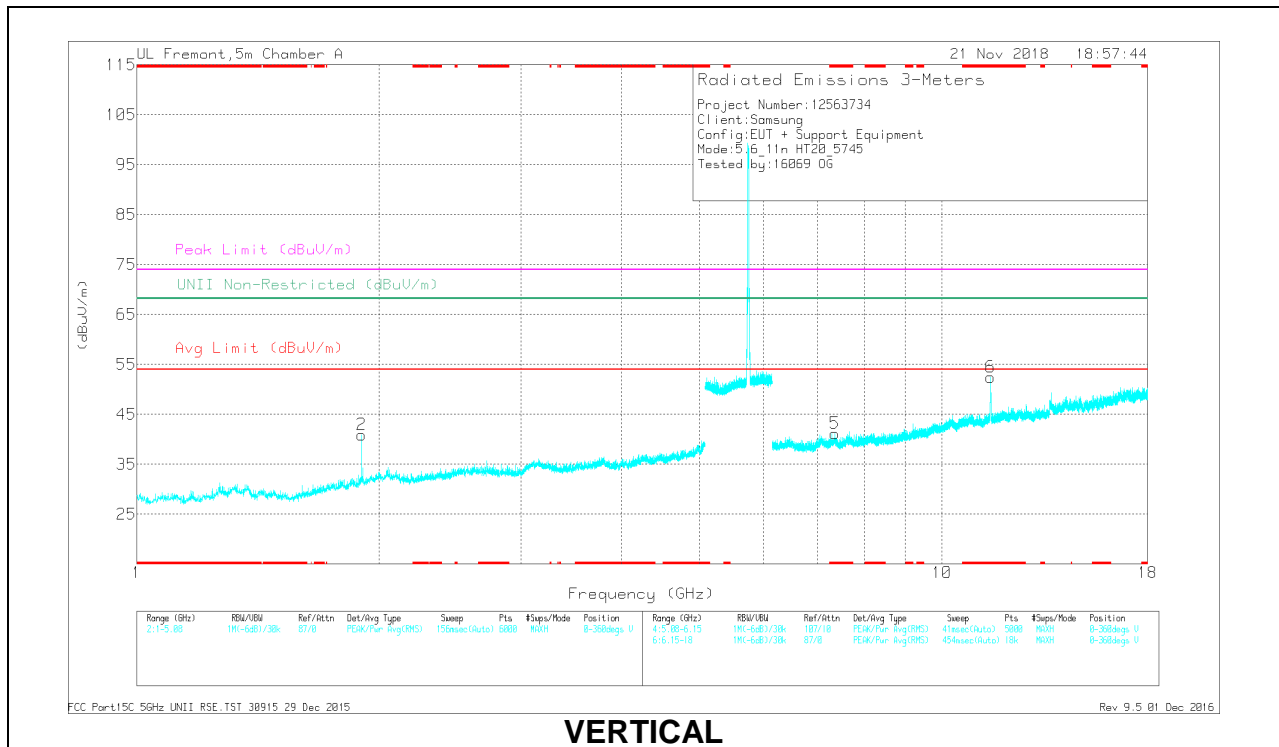
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



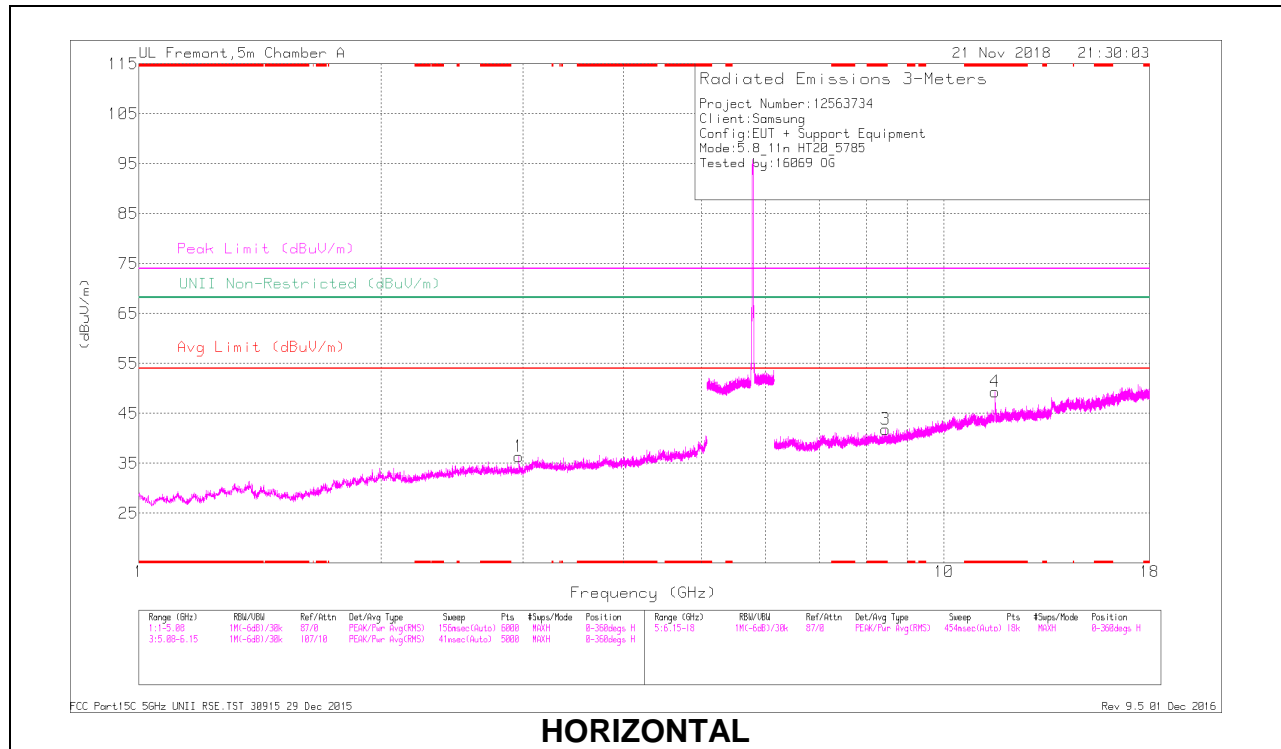
VERTICAL

RADIATED EMISSIONS

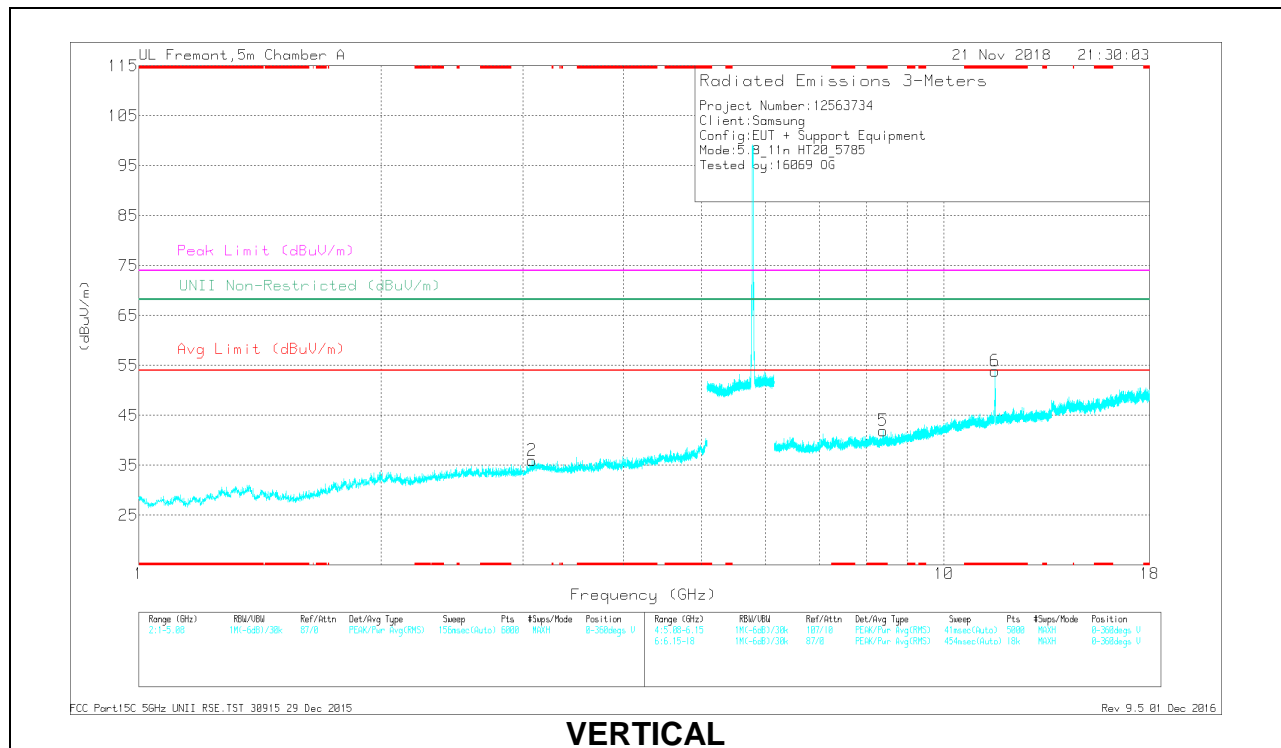
Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1862 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Arg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 8.196	32.62	PK-U	35.8	-21.5	0	46.92	-	-	74	-27.08	-	-	235	119	H
* 8.192	21.02	ADR	35.8	-21.5	.31	35.53	54	-18.47	-	-	-	-	235	119	H
* 11.489	35.72	PK-U	38.3	-18.8	0	55.22	-	-	74	-18.78	-	-	224	103	H
* 11.489	24.06	ADR	38.3	-18.8	.31	43.87	54	-10.13	-	-	-	-	224	103	H
* 7.366	32.81	PK-U	35.7	-21.8	0	46.71	-	-	74	-27.29	-	-	145	253	V
* 7.364	20.65	ADR	35.7	-21.7	.31	34.96	54	-19.04	-	-	-	-	145	253	V
* 11.489	40.39	PK-U	38.3	-18.8	0	59.89	-	-	74	-14.11	-	-	26	109	V
* 11.489	28.23	ADR	38.3	-18.8	.31	48.04	54	-5.96	-	-	-	-	26	109	V
1.902	38.95	PK-U	31	-31.4	0	38.55	-	-	-	-	68.2	-28.65	268	292	V
2.083	38.2	PK-U	31.2	-30.1	0	39.3	-	-	-	-	68.2	-28.9	59	135	H

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

MID CHANNEL RESULTS



HORIZONTAL



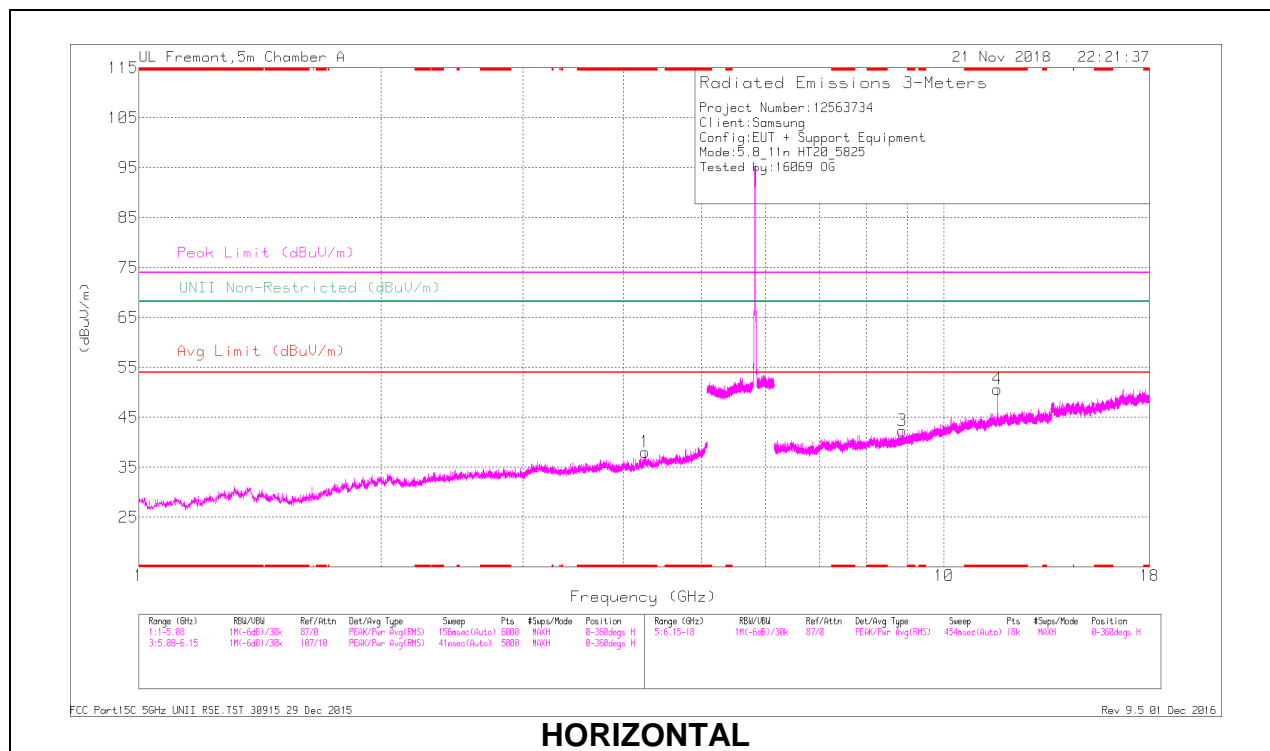
VERTICAL

RADIATED EMISSIONS

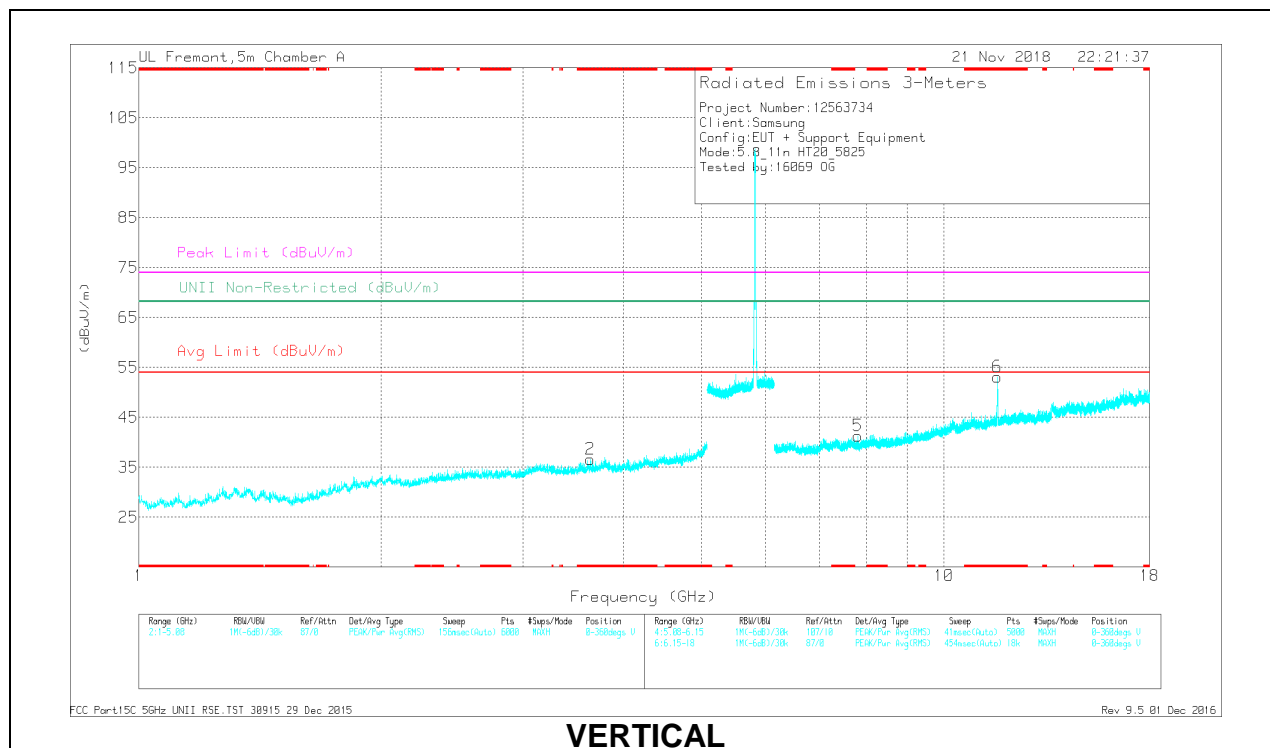
Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1862 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Arg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 8.466	32.82	PK-U	35.8	-21.8	0	46.82	-	-	74	-27.18	-	-	130	111	H
* 8.465	21.3	ADR	35.8	-21.8	.31	35.61	54	-18.39	-	-	-	-	130	111	H
* 11.569	35.87	PK-U	38.4	-19.3	0	54.97	-	-	74	-19.03	-	-	227	112	H
* 11.569	24.38	ADR	38.4	-19.3	.31	43.79	54	-10.21	-	-	-	-	227	112	H
* 8.4	33.32	PK-U	35.8	-22.2	0	46.92	-	-	74	-27.08	-	-	87	177	V
* 8.4	21.26	ADR	35.8	-22.1	.31	35.27	54	-18.73	-	-	-	-	87	177	V
* 11.572	40.52	PK-U	38.4	-19.2	0	59.72	-	-	74	-14.28	-	-	27	112	V
* 11.571	28.55	ADR	38.4	-19.2	.31	48.06	54	-5.94	-	-	-	-	27	112	V
2.963	38.31	PK-U	32.2	-29.8	0	40.71	-	-	-	-	68.2	-27.49	115	152	H
3.076	37.99	PK-U	32.8	-29.1	0	41.69	-	-	-	-	68.2	-26.51	186	184	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 1862 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Arg 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
* 4.253	37.12	PK-U	33.5	-26.7	0	43.92	-	-	74	-30.08	-	-	86	145	H
* 4.253	24.47	ADR	33.5	-26.7	.31	31.58	-	-22.42	-	-	-	-	86	145	H
* 3.636	37.72	PK-U	32.9	-28.8	0	41.82	-	-	74	-32.18	-	-	276	150	V
* 3.636	25.67	ADR	32.9	-28.8	.31	30.08	54	-23.92	-	-	-	-	276	150	V
* 11.649	35.79	PK-U	38.5	-18.8	0	55.49	-	-	74	-18.51	-	-	213	110	H
* 11.649	24.39	ADR	38.5	-18.8	.31	44.4	-	-9.6	-	-	-	-	213	110	H
* 11.652	41.16	PK-U	38.5	-18.8	0	60.86	-	-	74	-13.14	-	-	13	101	V
* 11.651	28.94	ADR	38.5	-18.8	.31	48.95	54	-5.05	-	-	-	-	13	101	V
7.82	32.73	PK-U	35.8	-22.4	0	46.13	-	-	-	-	68.2	-22.07	156	201	V
8.879	33.38	PK-U	36.2	-21.9	0	47.68	-	-	-	-	68.2	-20.52	229	208	H

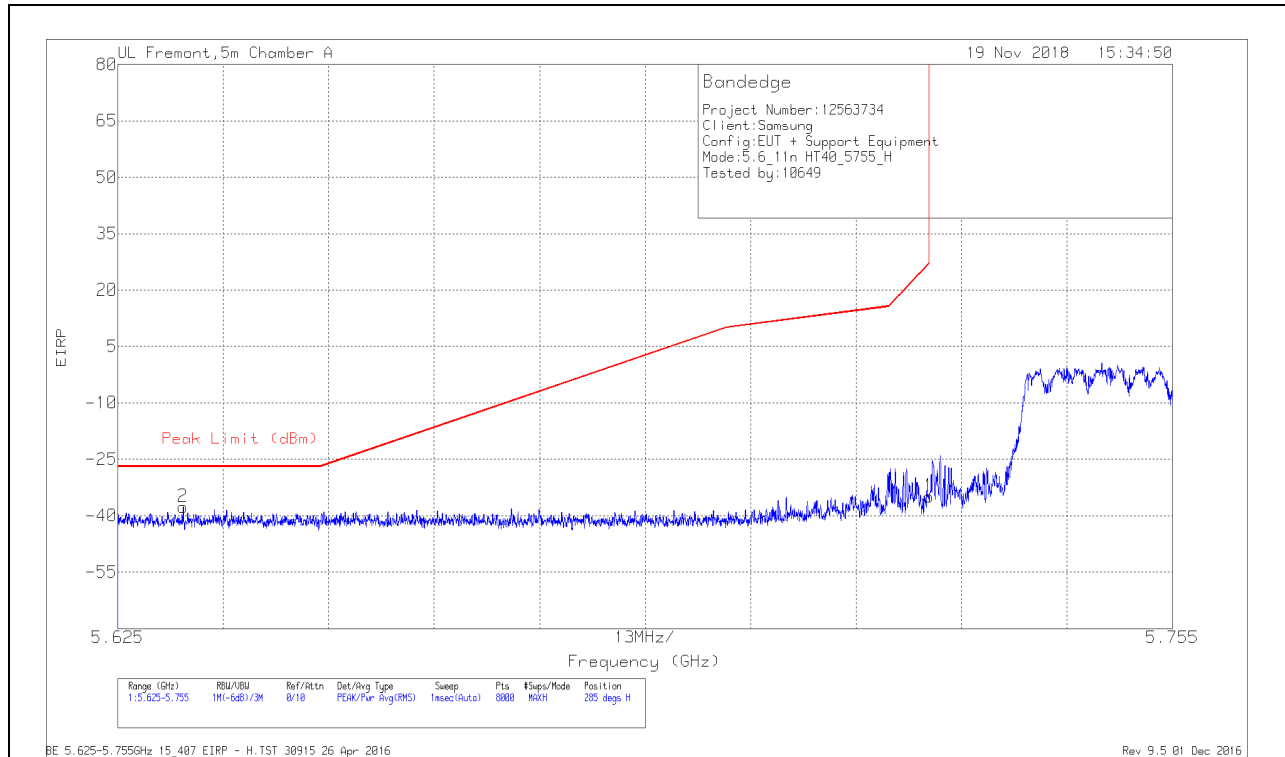
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

2TX Antenna 1 + Antenna 2 CDD MODE

BANDEDGE (LOW CHANNEL)

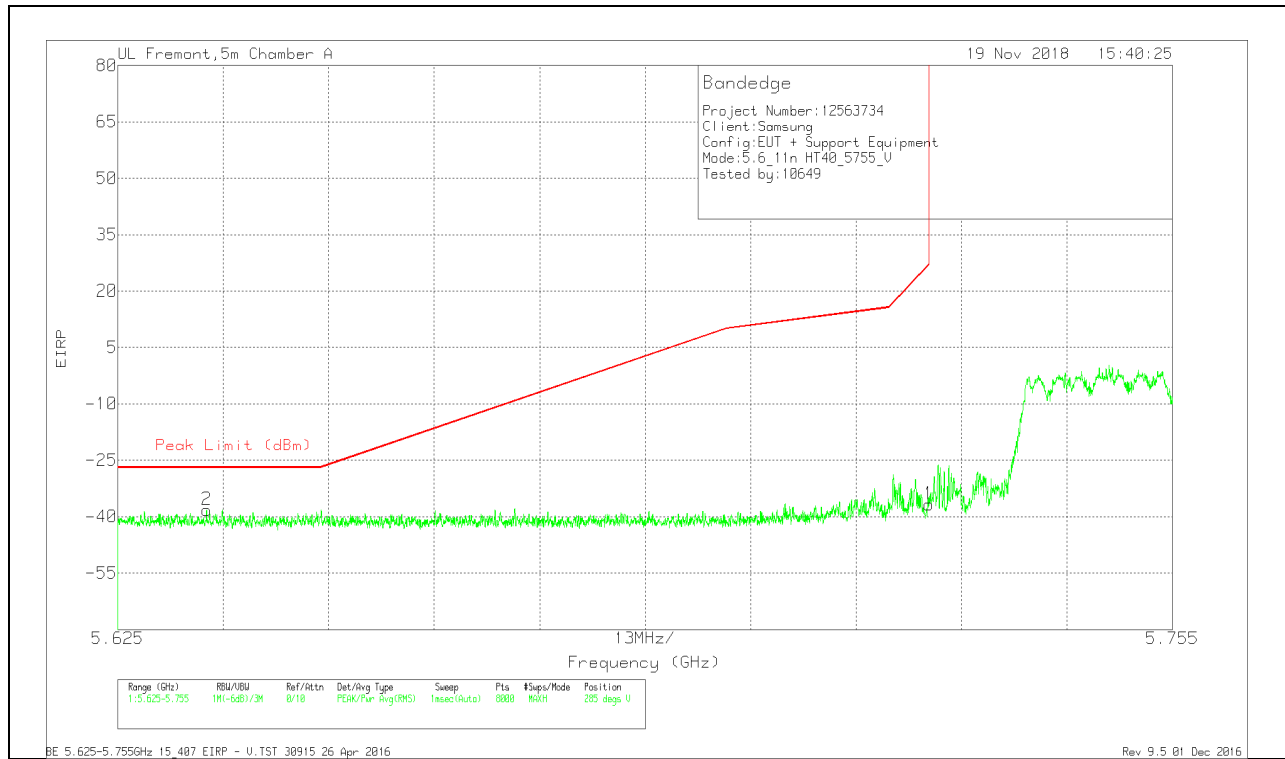
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cb/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.633	-67.42	Pk	35.1	-17.1	11.8	-37.62	-27	-10.62	285	103	H
1	5.725	-64.79	Pk	35	-16.9	11.8	-34.89	27	-61.89	285	103	H

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

VERTICAL RESULT

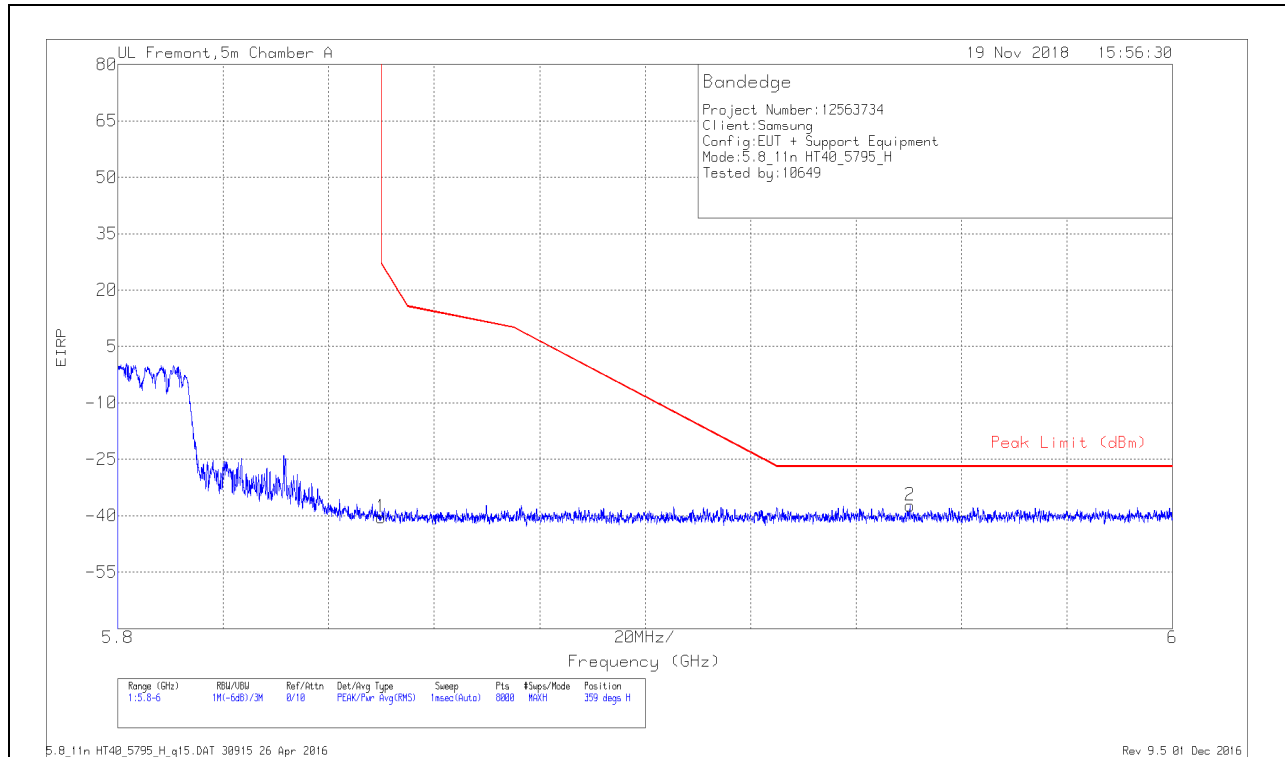


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.636	-68.02	Pk	35.1	-17.1	11.8	-38.22	-27	-11.22	285	103	V
1	5.725	-66.72	Pk	35	-16.9	11.8	-36.82	27	-63.82	285	103	V

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

BANEDGE (HIGH CHANNEL)

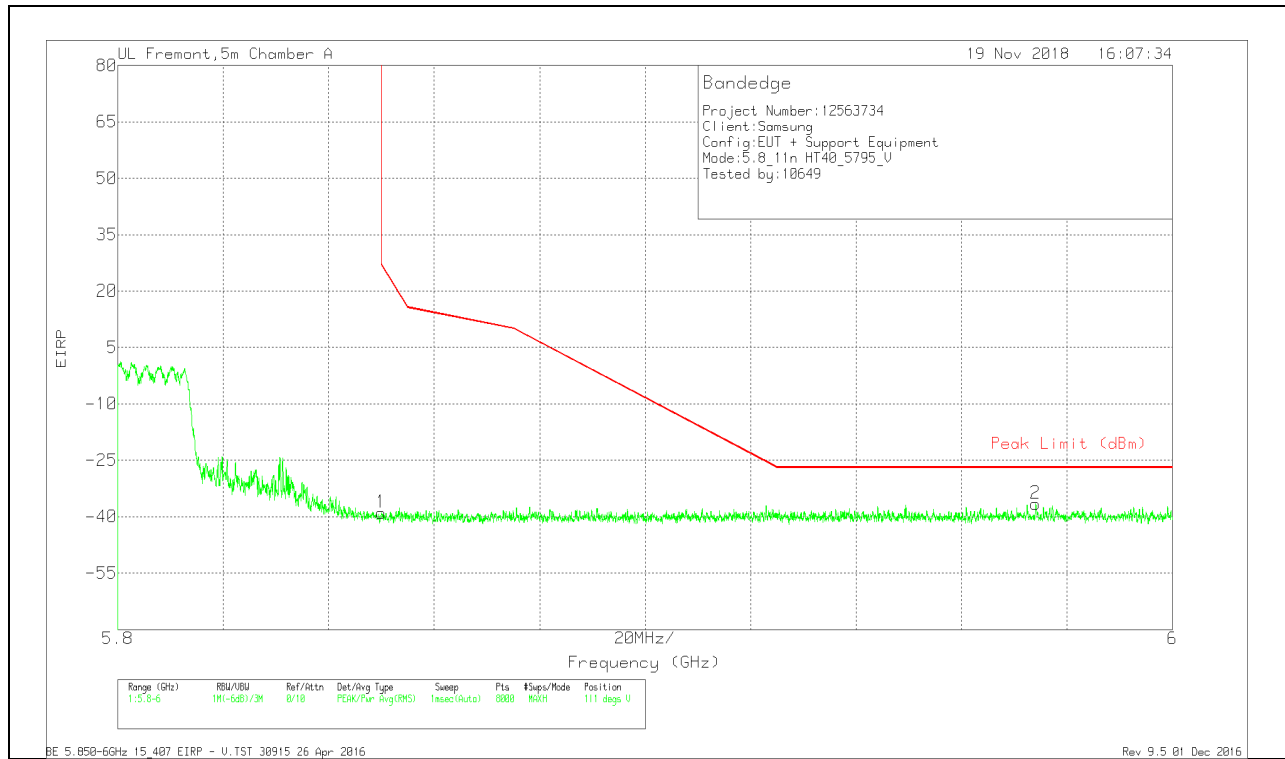
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-70.81	Pk	35.1	-16.5	11.8	-40.41	26.99	-67.4	359	106	H
2	5.95	-68.18	Pk	35.3	-16.3	11.8	-37.38	-27	-10.38	359	106	H

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

VERTICAL RESULT

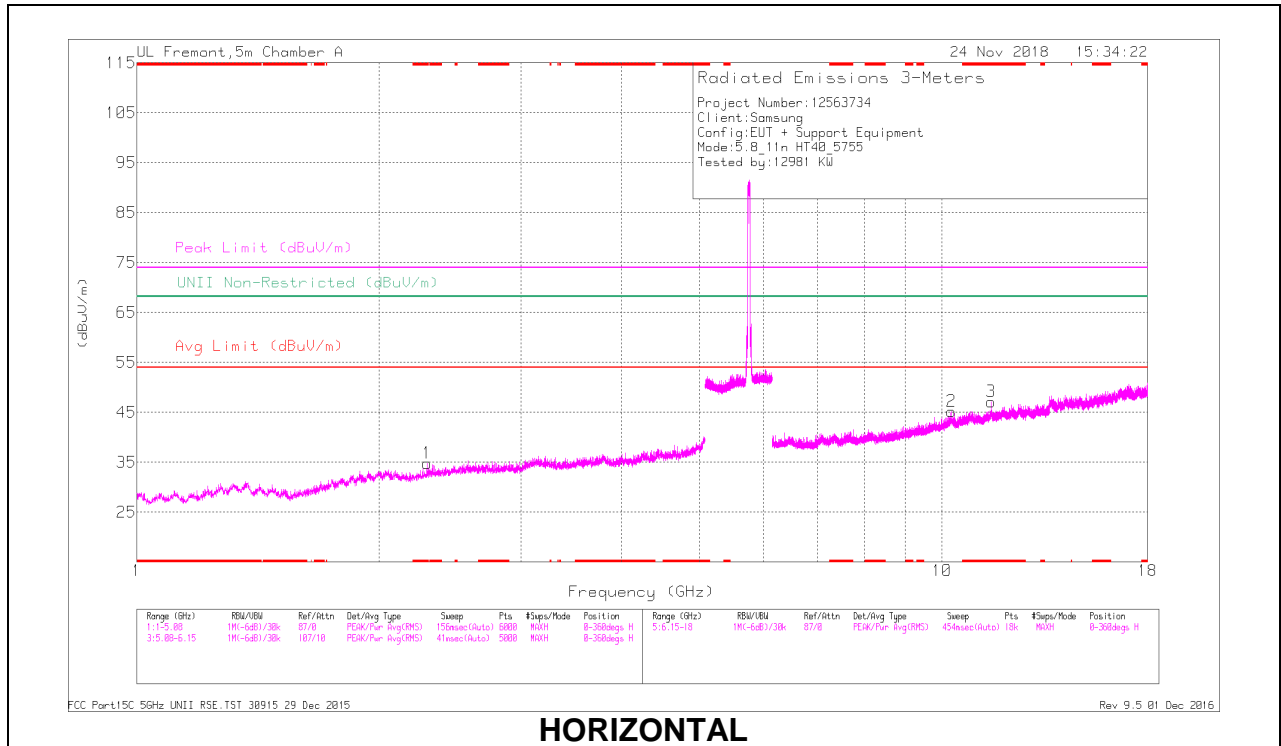


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-69.42	Pk	35.1	-16.5	11.8	-39.02	26.99	-66.01	111	377	V
2	5.974	-67.64	Pk	35.3	-16.1	11.8	-36.64	-27	-9.64	111	377	V

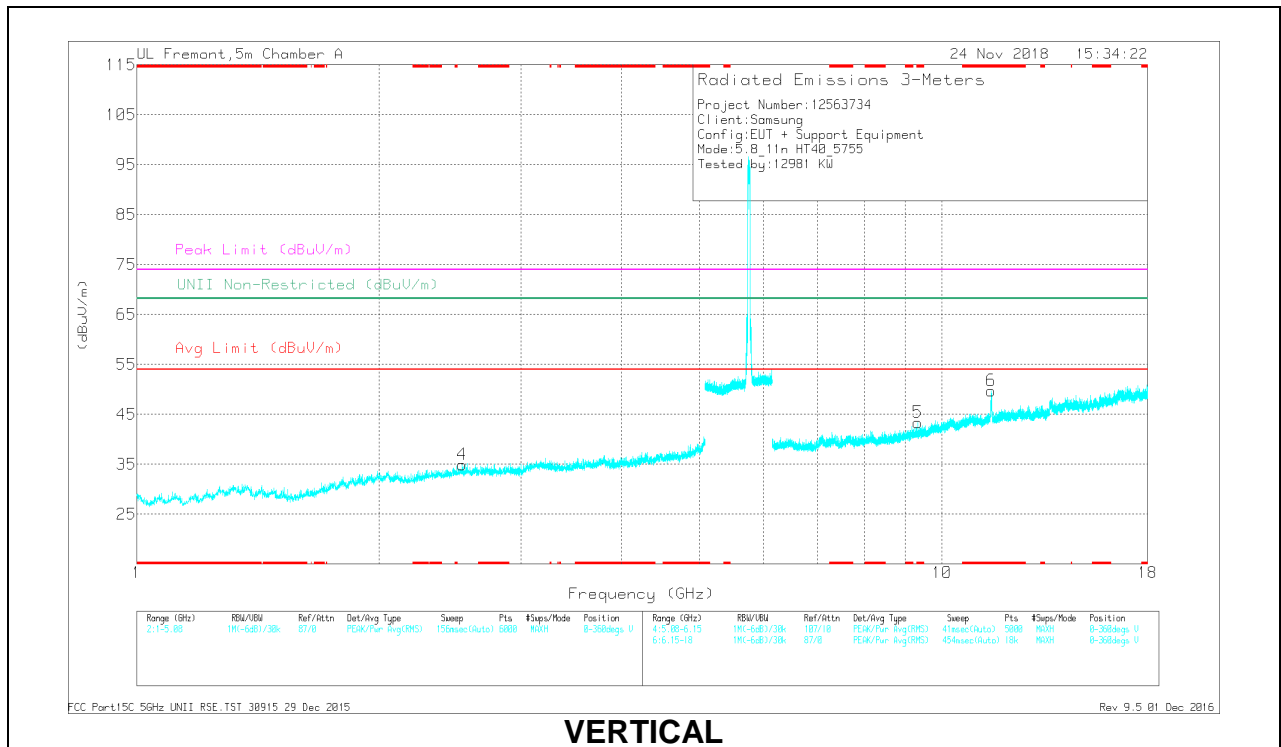
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



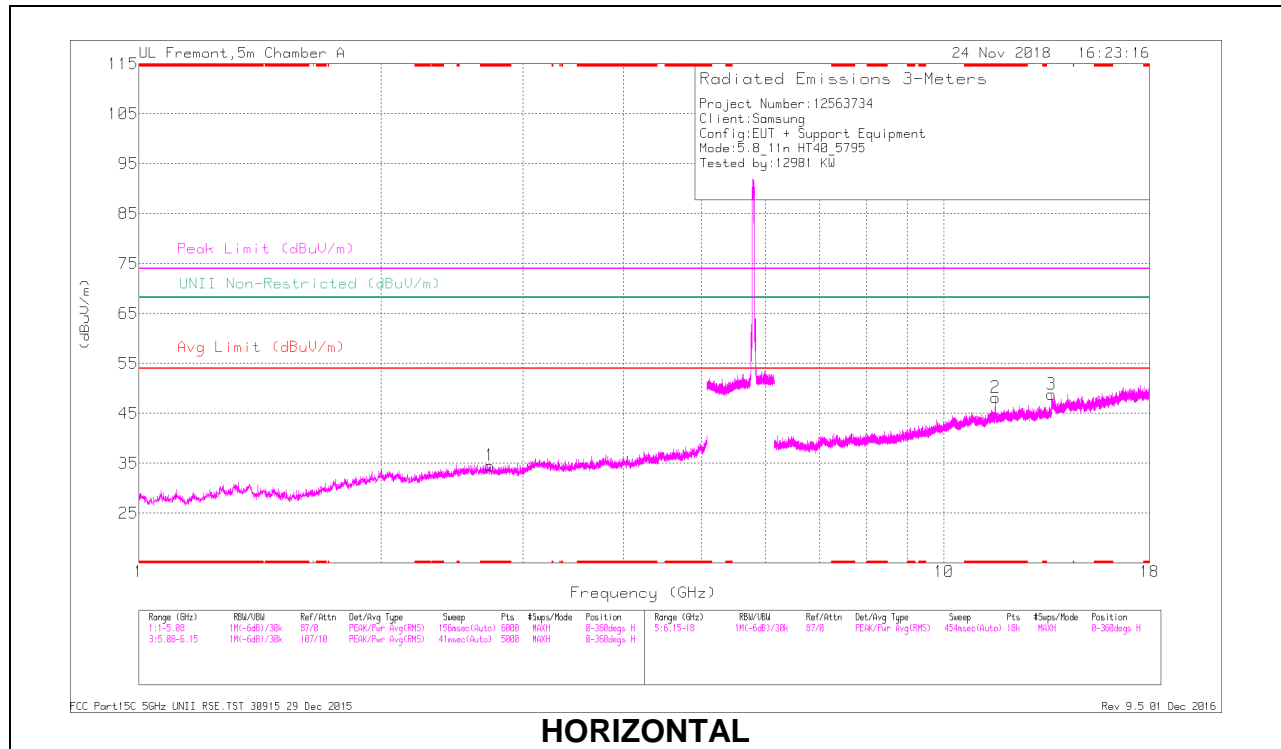
VERTICAL

RADIATED EMISSIONS

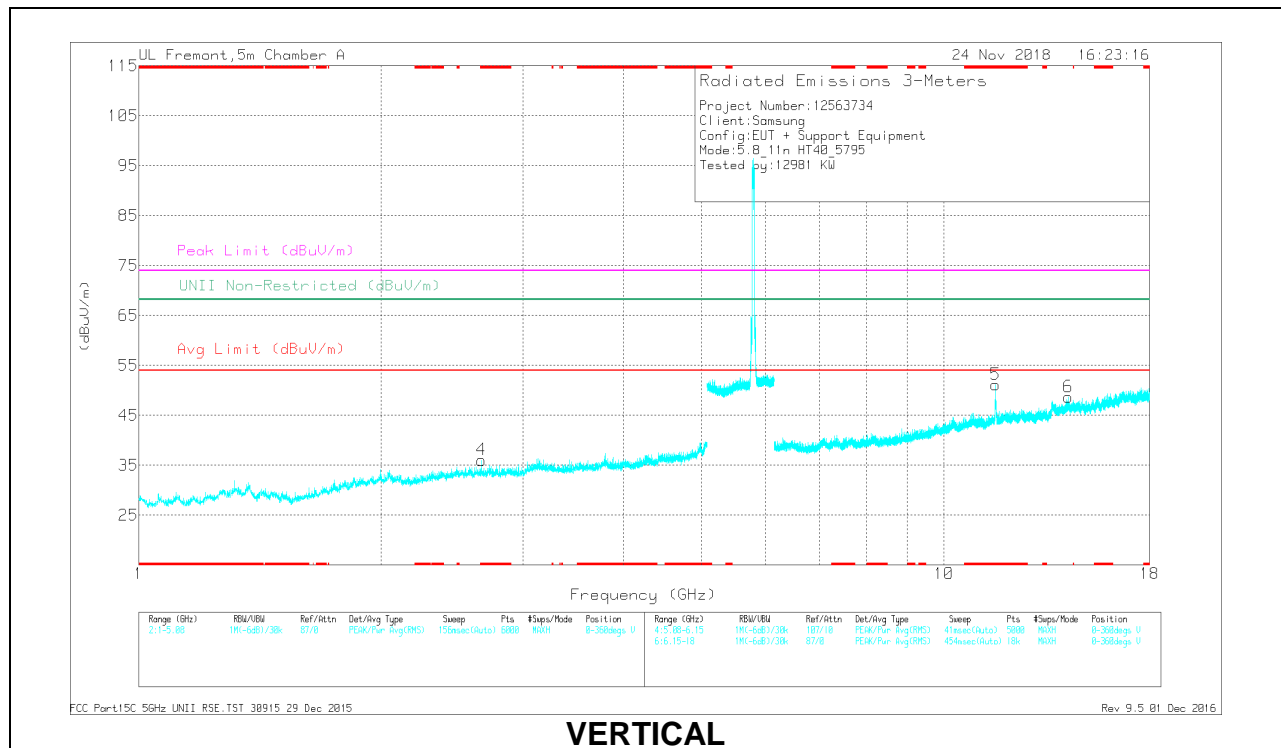
Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1862 (dB/m)	Amp/Chk/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.292	39.09	PK-U	31.5	-30.3	0	40.29	-	-	74	-33.71	-	-	320	177	H
* 2.294	27.11	ADR	31.5	-30.3	.8	28.91	54	-25.09	-	-	-	-	320	177	H
* 11.51	31.74	PK-U	38.3	-18.8	0	51.24	-	-	74	-22.76	-	-	292	219	H
* 11.509	20.95	ADR	38.3	-18.8	.8	41.05	54	-12.95	-	-	-	-	292	219	H
* 9.327	32.75	PK-U	36.6	-21.4	0	47.95	-	-	74	-26.05	-	-	267	181	V
* 9.327	21.77	ADR	36.6	-21.4	.8	37.57	54	-16.43	-	-	-	-	267	181	V
* 11.506	36.94	PK-U	38.3	-18.8	0	56.44	-	-	74	-17.56	-	-	106	106	V
* 11.507	24.95	ADR	38.3	-18.8	.8	45.05	54	-8.95	-	-	-	-	106	106	V
2.533	38.55	PK-U	32.4	-30	0	40.95	-	-	-	-	68.2	-27.25	114	400	V
10.277	31.62	PK-U	37.5	-19	0	50.32	-	-	-	-	68.2	-17.88	172	254	H

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

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1862 (dB/m)	Amp/Chk/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.728	39.01	PK-U	32.4	-30	0	41.41	-	-	74	-32.59	-	-	53	150	H
* 2.727	27.12	ADR	32.4	-30	.6	30.12	54	-23.88	-	-	-	-	53	150	H
* 2.662	38.91	PK-U	32.5	-30.2	0	41.21	-	-	74	-32.79	-	-	103	185	V
* 2.664	26.97	ADR	32.5	-30.2	.6	29.87	54	-24.13	-	-	-	-	103	185	V
* 11.591	32.49	PK-U	38.4	-19.1	0	51.79	-	-	74	-22.21	-	-	136	208	H
* 11.587	20.74	ADR	38.4	-19.1	.6	40.64	54	-13.36	-	-	-	-	136	208	H
* 11.592	31.66	PK-U	38.4	-19.1	0	50.96	-	-	74	-23.04	-	-	172	177	V
* 11.592	20.75	ADR	38.4	-19.1	.6	40.65	54	-13.35	-	-	-	-	172	177	V
13.603	33.76	PK-U	39.2	-18.2	0	54.76	-	-	-	-	68.2	-13.44	135	227	H
14.263	31.63	PK-U	39.6	-18	0	53.43	-	-	-	-	68.2	-14.77	198	189	V

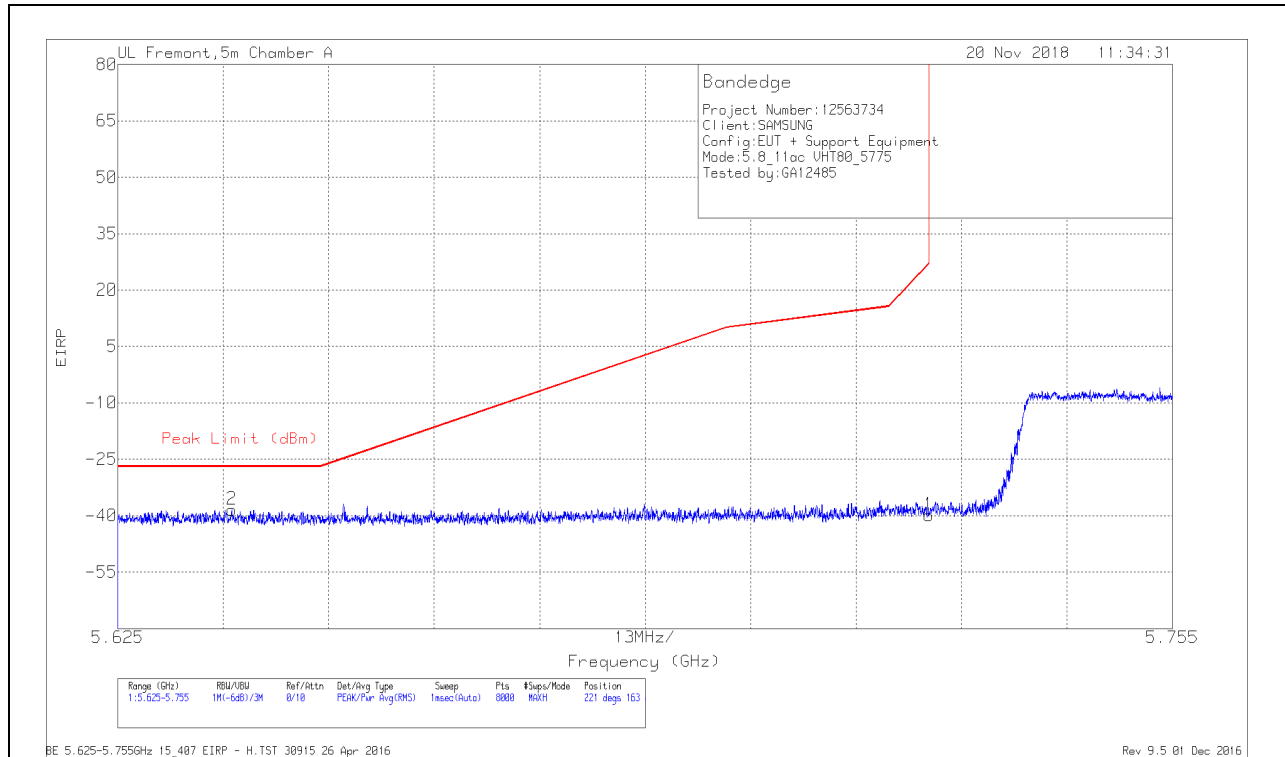
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

2TX Antenna 1 + Antenna 2 CDD MODE

BANDEDGE (CHANNEL 155 LOW EDGE)

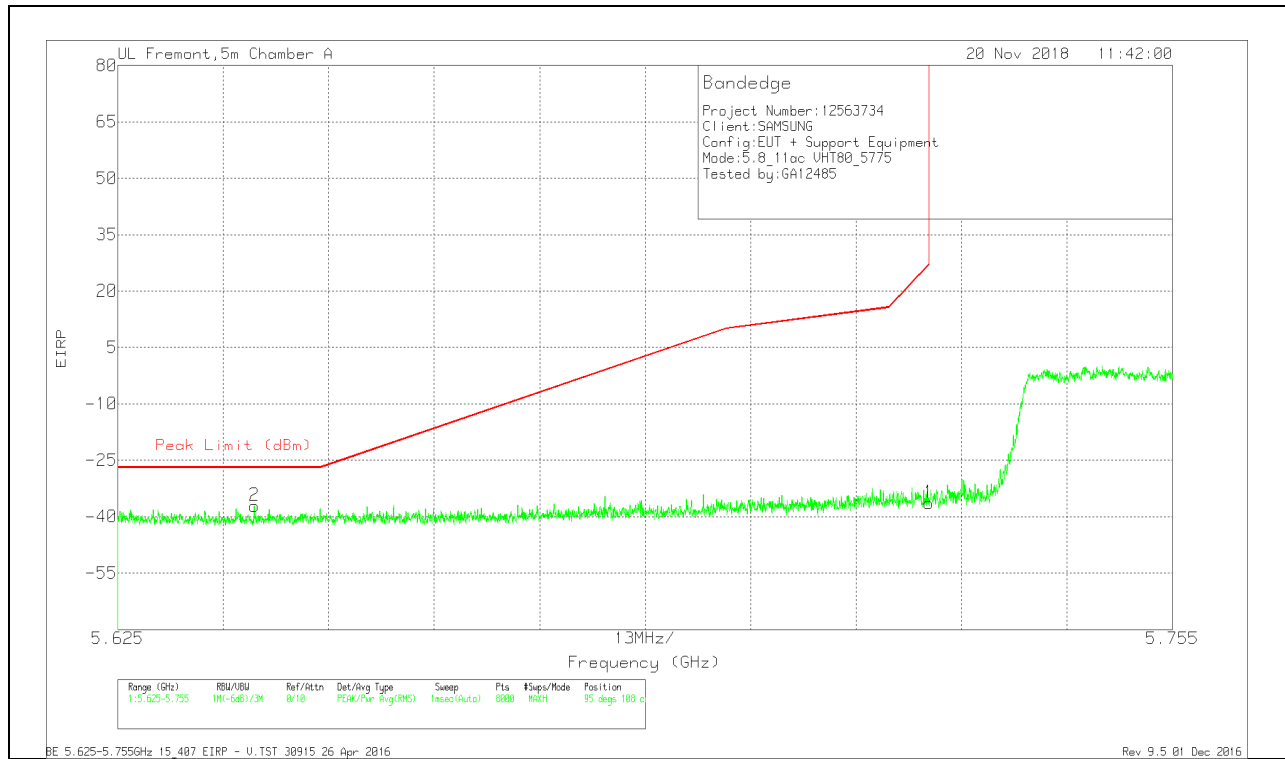
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.639	-68.27	Pk	35.1	-17.1	11.8	0	-38.47	-27	-11.47	221	163	H
1	5.725	-69.73	Pk	35	-16.9	11.8	0	-39.83	27	-66.83	221	163	H

Pk - Peak detector

VERTICAL RESULT

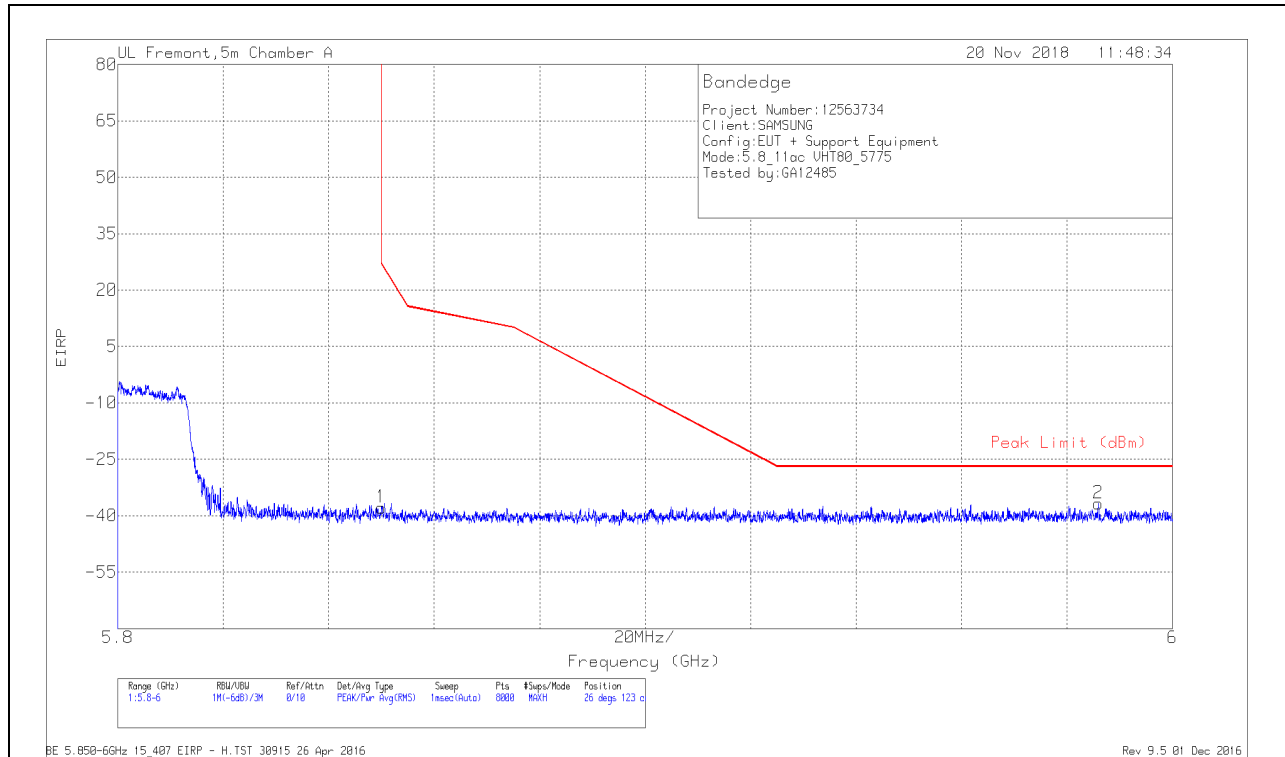


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.642	-66.87	Pk	35.1	-17.1	11.8	0	-37.07	-27	-10.07	95	108	V
1	5.725	-66.31	Pk	35	-16.9	11.8	0	-36.41	27	-63.41	95	108	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

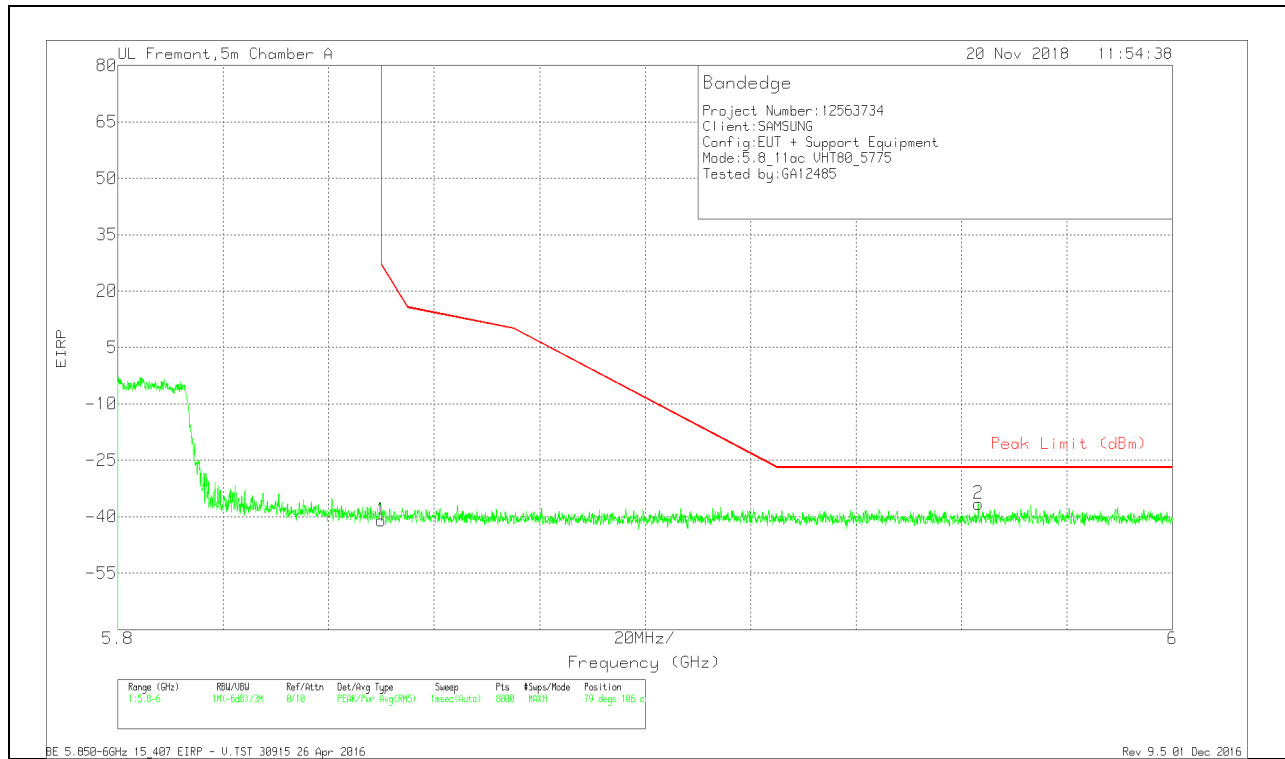
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.24	Pk	35.1	-16.5	11.8	0	-37.84	26.99	-64.83	26	123	H
2	5.986	-67.69	Pk	35.3	-16.1	11.8	0	-36.69	-27	-9.69	26	123	H

Pk - Peak detector

VERTICAL RESULT

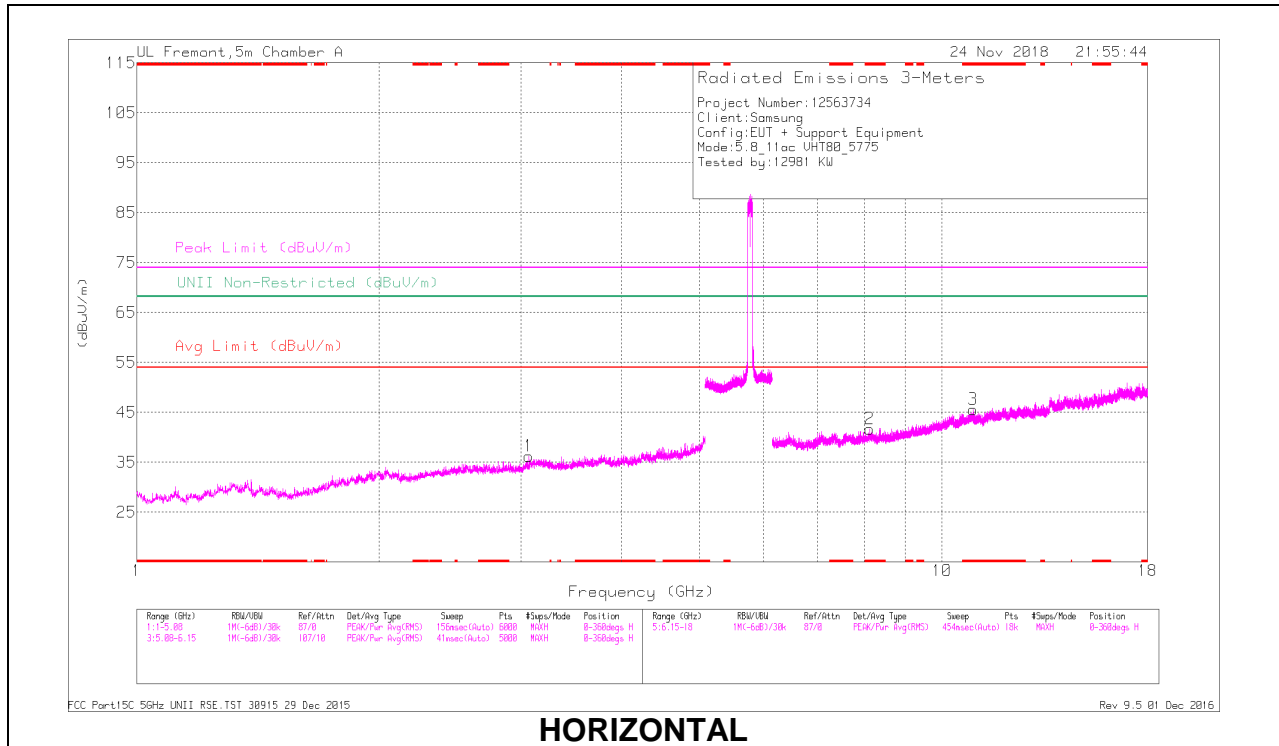


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-71.33	Pk	35.1	-16.5	11.8	0	-40.93	26.99	-67.92	79	106	V
2	5.963	-67.39	Pk	35.3	-16.3	11.8	0	-36.59	-27	-9.59	79	106	V

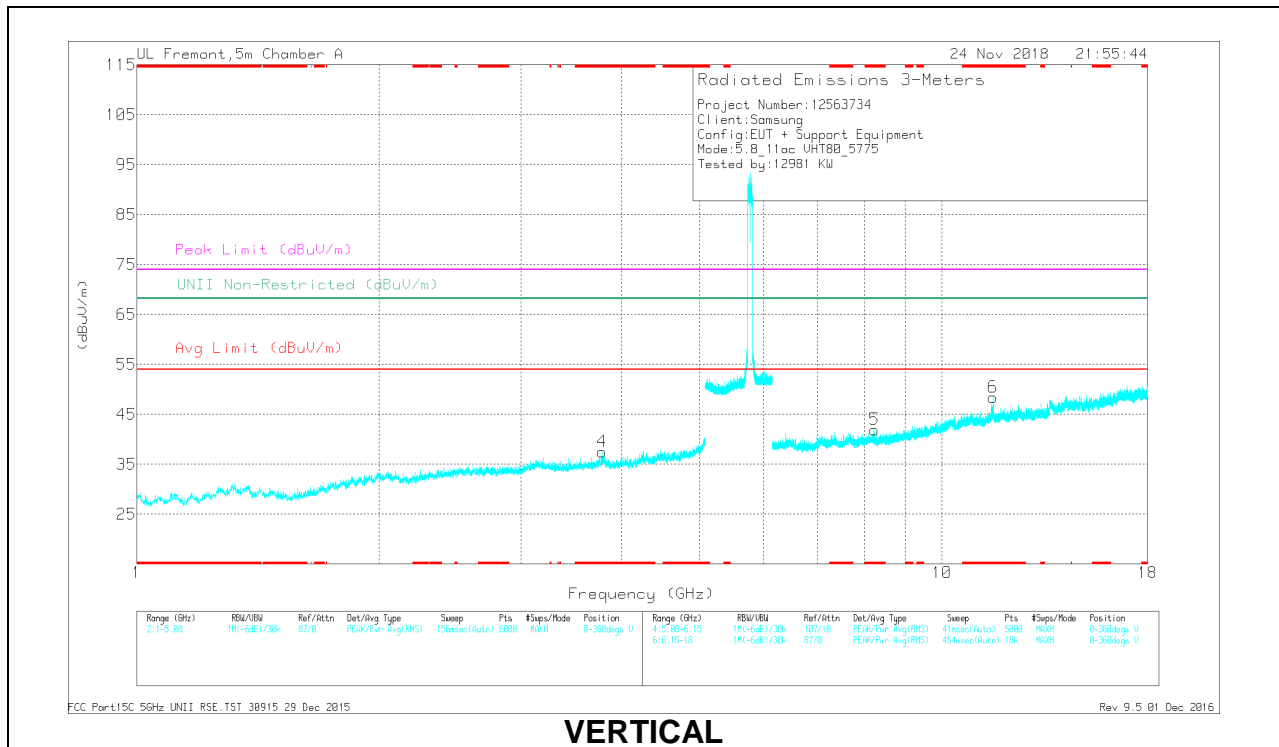
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Frequency (GHz)	Meas Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Chl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Arg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.782	36.7	PK-U	33.2	-27.5	0	42.4	-	-	74	-31.6	-	-	277	198	V
* 3.791	25.78	ADR	33.2	-27.5	1.95	33.43	54	-20.57	-	-	-	-	277	198	V
* 8.126	33.41	PK-U	35.8	-22.1	0	47.11	-	-	74	-26.89	-	-	248	236	H
* 8.127	22.17	ADR	35.8	-22.1	1.95	37.82	54	-16.18	-	-	-	-	248	236	H
* 10.937	31.63	PK-U	37.9	-19	0	50.53	-	-	74	-23.47	-	-	207	178	H
* 10.938	20.69	ADR	37.9	-19	1.95	41.54	54	-12.46	-	-	-	-	207	178	H
* 8.243	32.68	PK-U	35.9	-22	0	46.58	-	-	74	-27.42	-	-	182	152	V
* 8.241	21.68	ADR	35.9	-22	1.95	37.53	54	-16.47	-	-	-	-	182	152	V
* 11.571	31.73	PK-U	38.4	-19.2	0	50.93	-	-	74	-23.07	-	-	126	121	V
* 11.571	21.15	ADR	38.4	-19.2	1.95	42.3	54	-11.7	-	-	-	-	126	121	V
3.068	38.23	PK-U	32.8	-29.2	0	41.83	-	-	-	-	68.2	-26.37	321	147	H

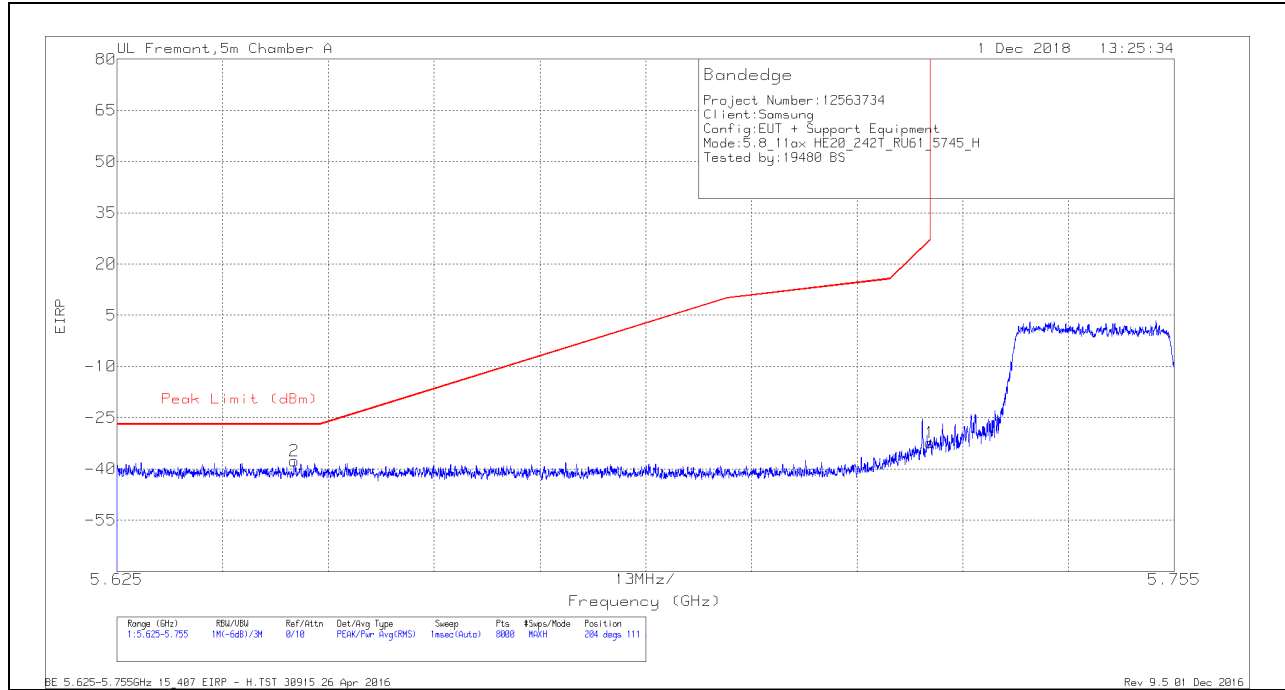
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

10.1.26. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.8 GHz BAND

2TX Antenna 1 + Antenna 2 OFDMA MODE – 242-Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

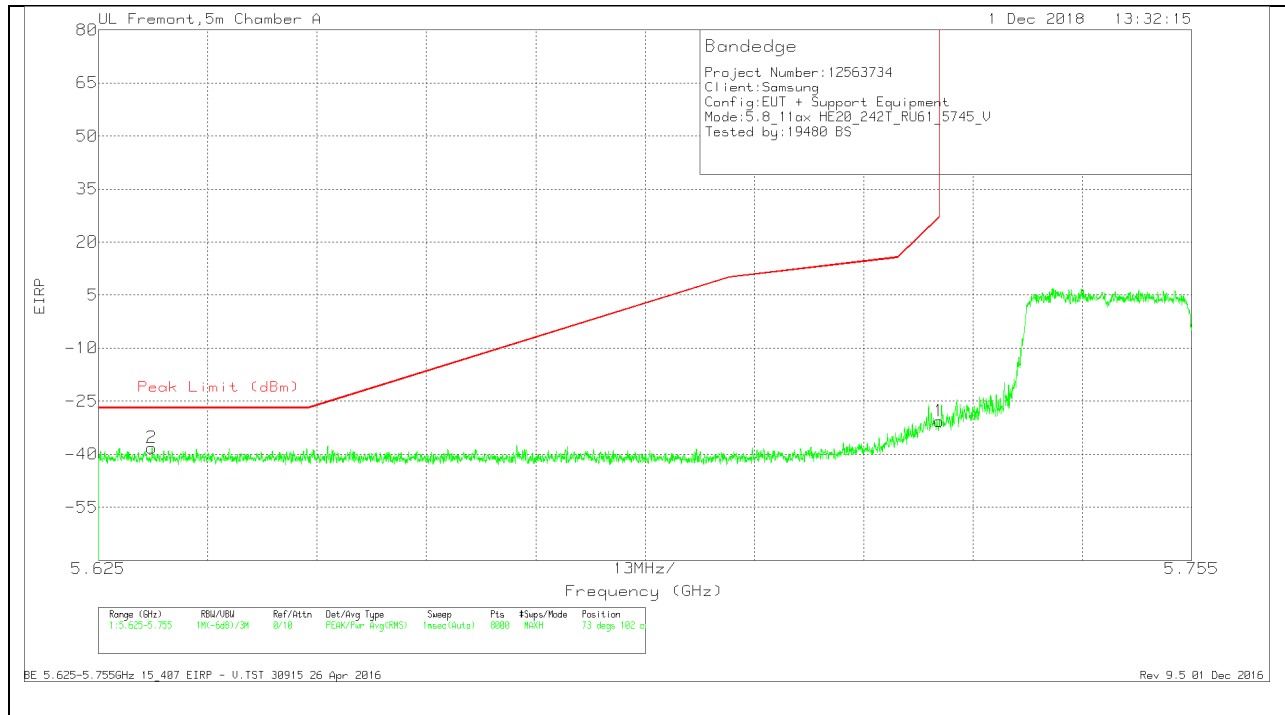


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cb1/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.647	-67.5	Pk	35.1	-17.1	11.8	-37.7	-27	-10.7	204	111	H
1	5.725	-62.15	Pk	35	-16.9	11.8	-32.25	27	-59.25	204	111	H

Pk - Peak detector

VERTICAL RESULT



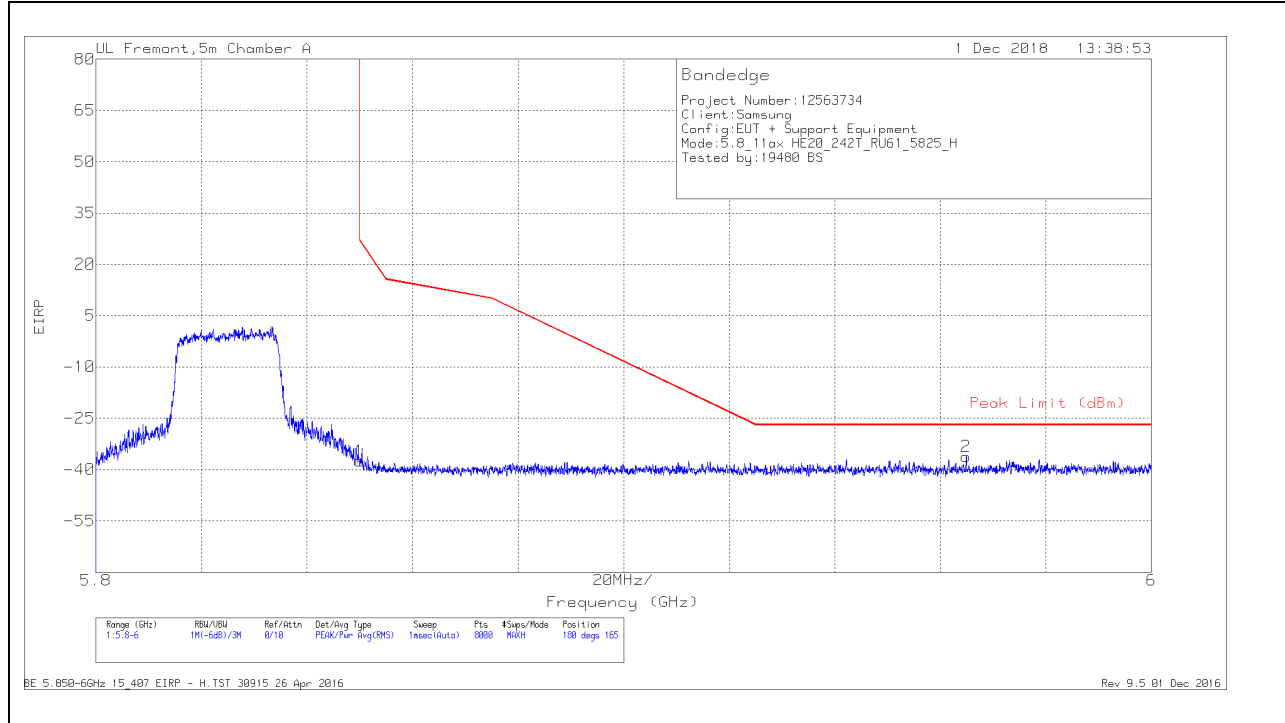
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.631	-68.04	Pk	35.1	-17.1	11.8	-38.24	-27	-11.24	73	102	V
1	5.725	-60.62	Pk	35	-16.9	11.8	-30.72	27	-57.72	73	102	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

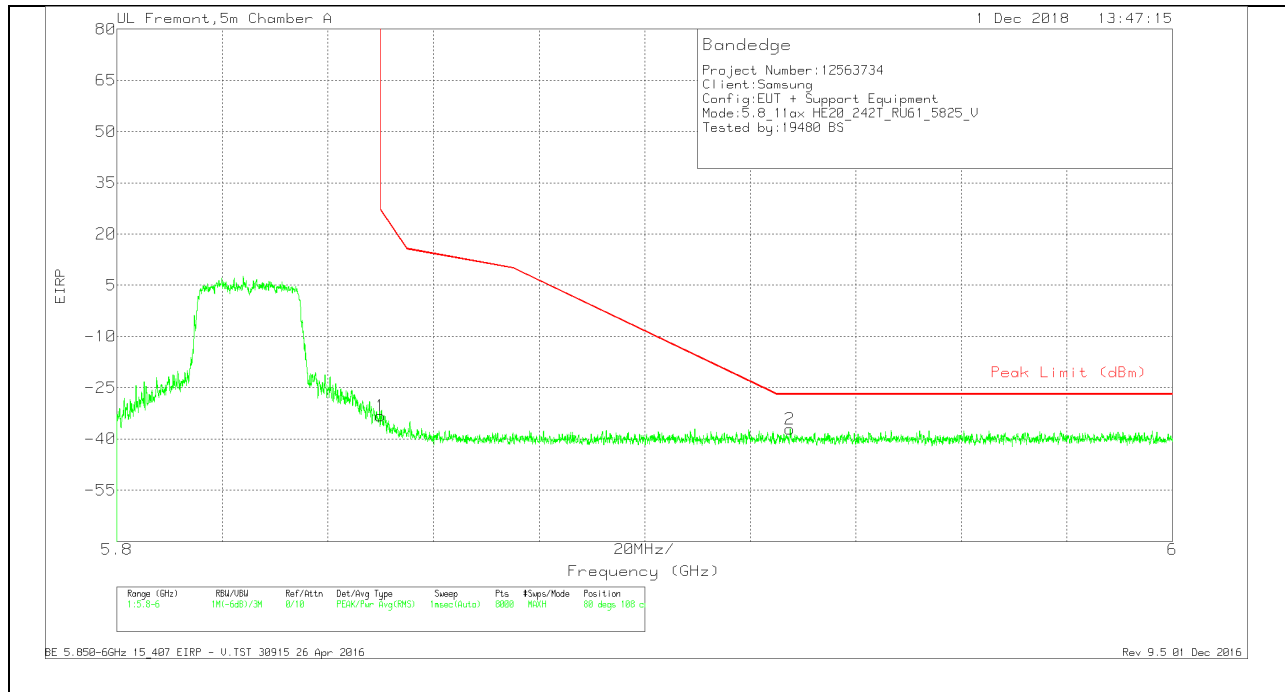


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cb1/Ftr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.94	PK	35.1	-16.5	11.8	-37.54	26.99	-64.53	180	165	H
2	5.965	-67.09	PK	35.3	-16.2	11.8	-36.19	-27	-9.19	180	165	H

Pk - Peak detector

VERTICAL RESULT



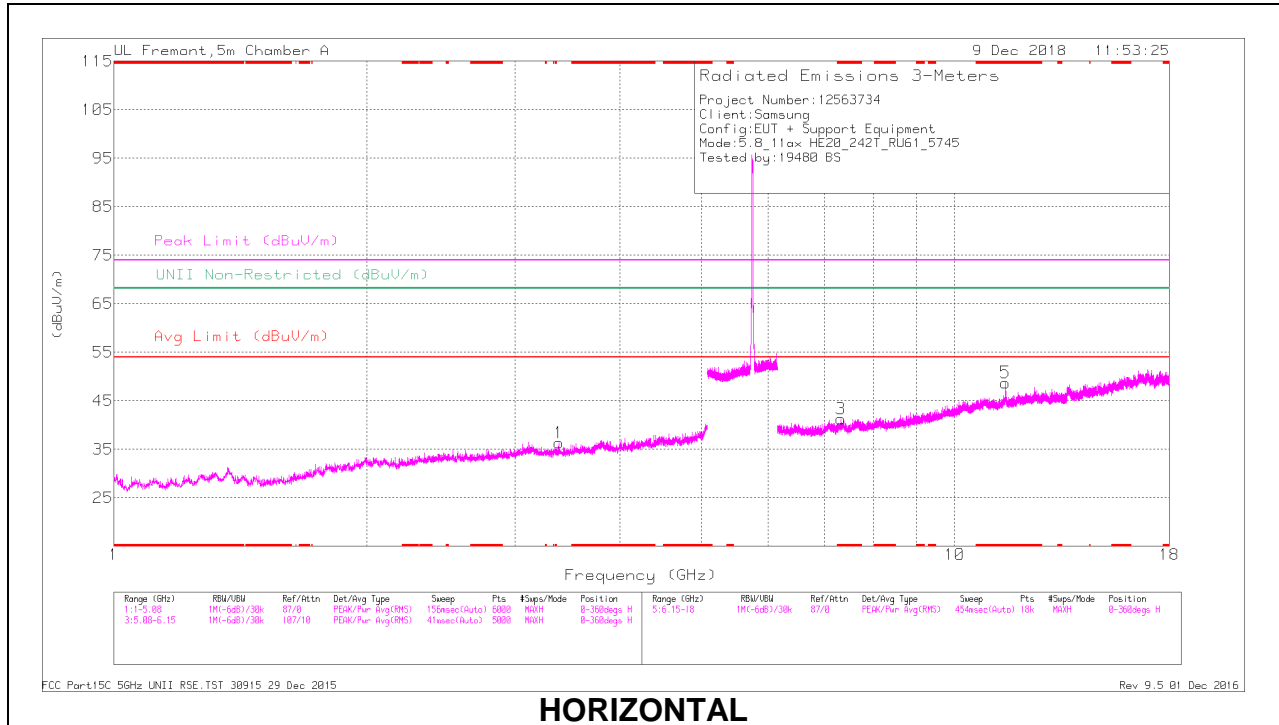
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Par d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-63.69	Pk	35.1	-16.5	11.8	-33.29	26.99	-60.28	80	108	V
2	5.928	-67.86	Pk	35.2	-16.3	11.8	-37.16	-27	-10.16	80	108	V

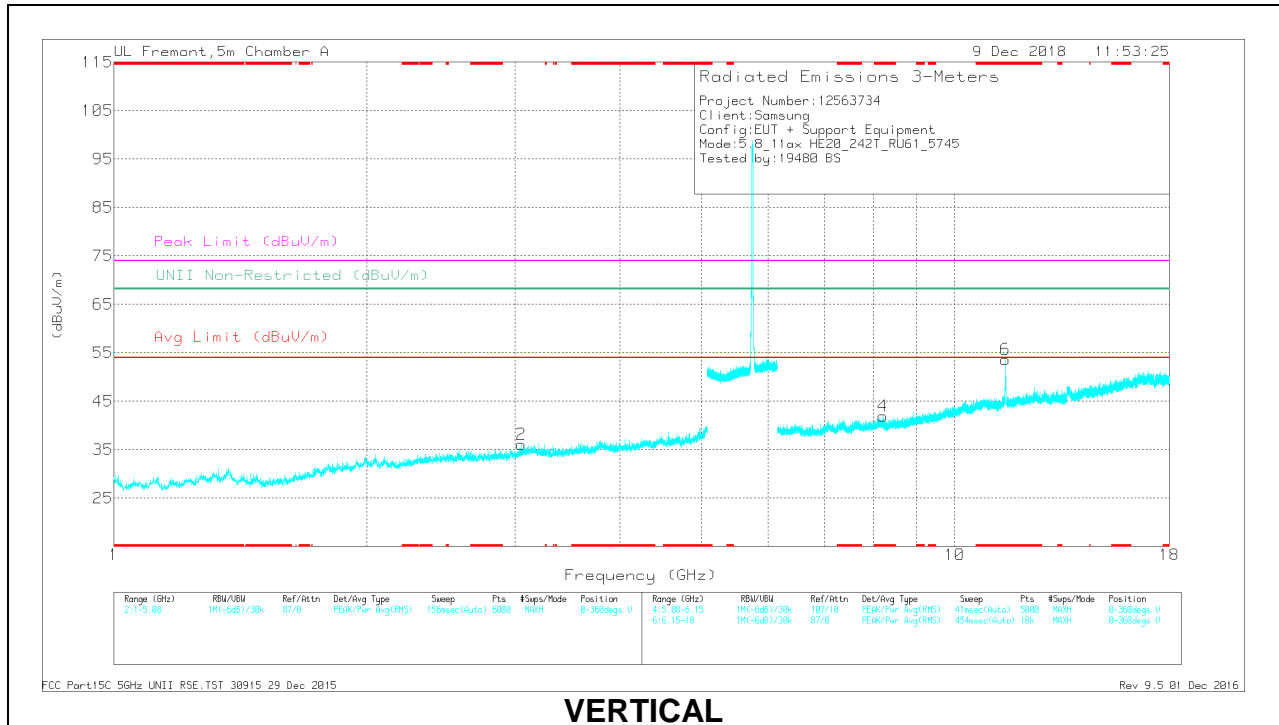
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

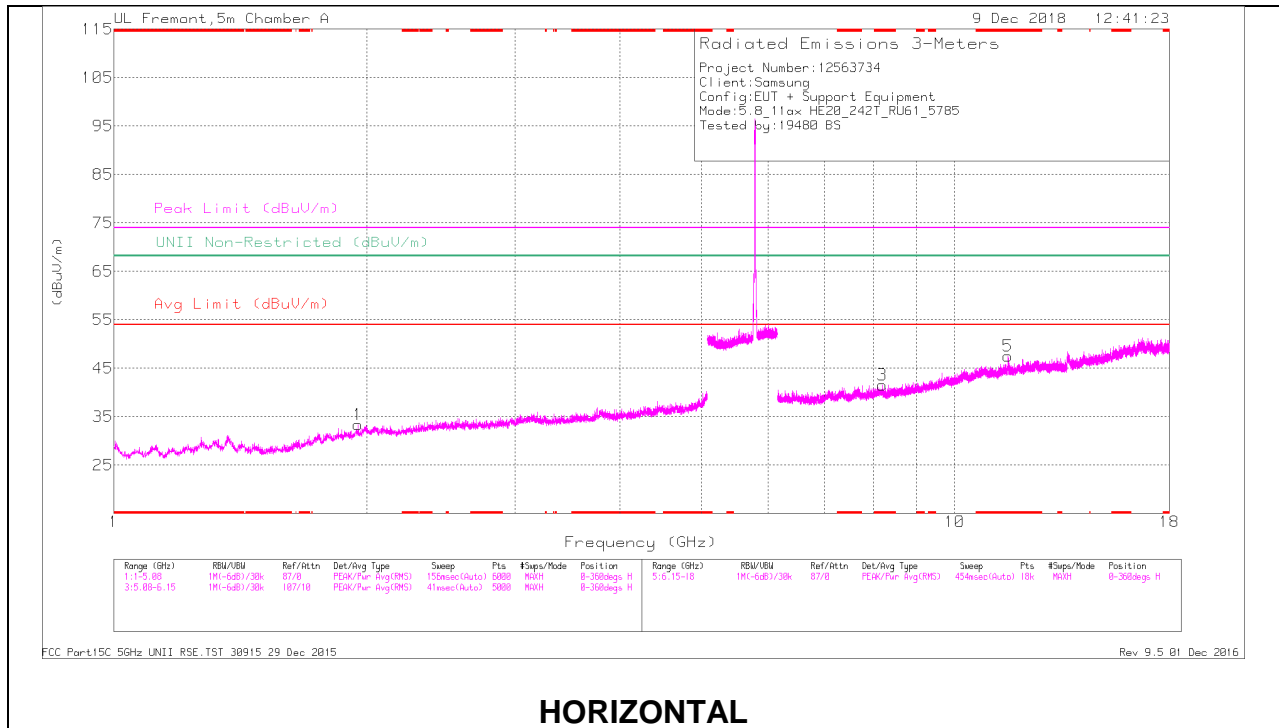
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Ch/Fit/Fed (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Asimuth (Deg)	Height (cm)	Polarity
* 11.496	34.92	PK-U	38.2	-18.2	0	54.92	-	-	74	-19.08	-	-	304	129	H
* 11.489	22.93	ADR	38.2	-18.2	.67	43.6	54	-10.4	-	-	-	-	304	129	H
* 7.317	32.42	PK-U	35.6	-22.2	0	45.82	-	-	74	-28.18	-	-	318	285	H
* 7.319	21.15	ADR	35.6	-22.2	.67	35.22	54	-18.78	-	-	-	-	318	285	H
* 11.494	37.59	PK-U	38.2	-18.2	0	57.59	-	-	74	-16.41	-	-	39	120	V
* 11.489	26	ADR	38.2	-18.2	.67	46.67	54	-7.33	-	-	-	-	39	120	V
* 8.218	32.25	PK-U	35.9	-21.5	0	46.65	-	-	74	-27.35	-	-	99	313	V
* 8.221	20.85	ADR	35.9	-21.6	.67	35.82	54	-18.18	-	-	-	-	99	313	V
3.049	37.7	PK-U	32.9	-29.2	0	41.4	-	-	-	-	68.2	-26.8	310	167	V
3.381	38.78	PK-U	32.8	-29	0	42.58	-	-	-	-	68.2	-25.62	358	112	H

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

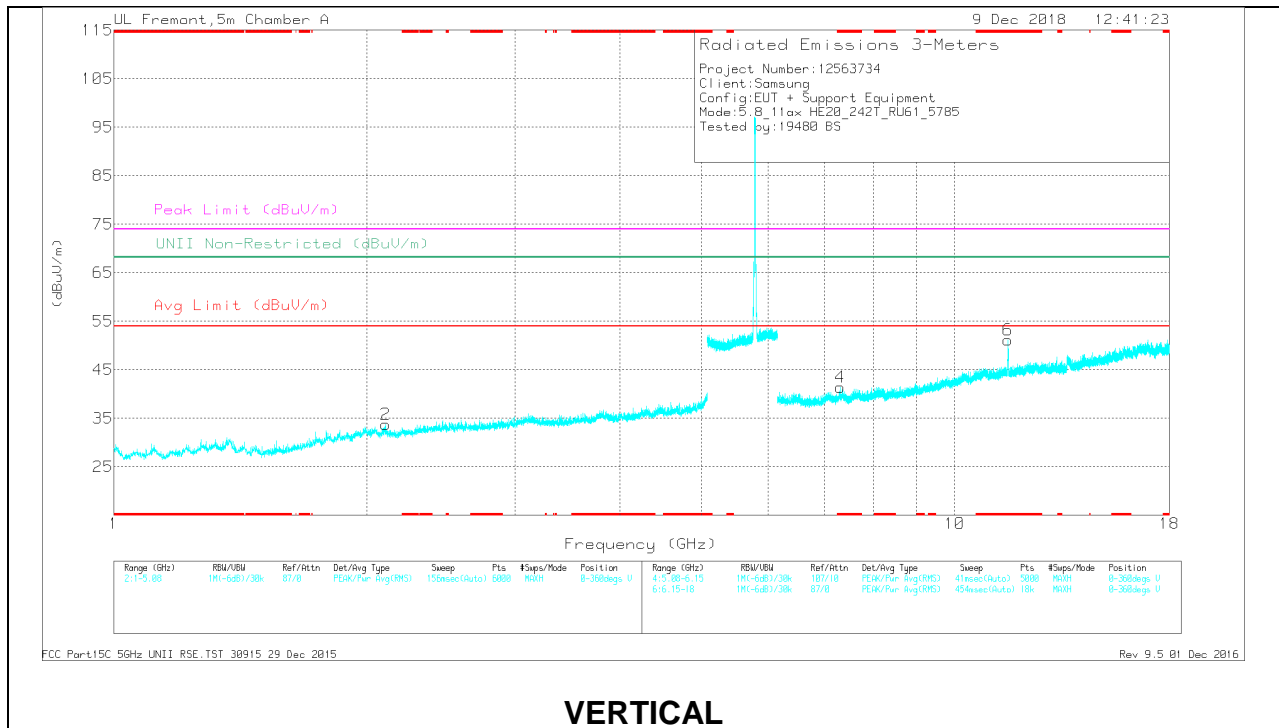
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

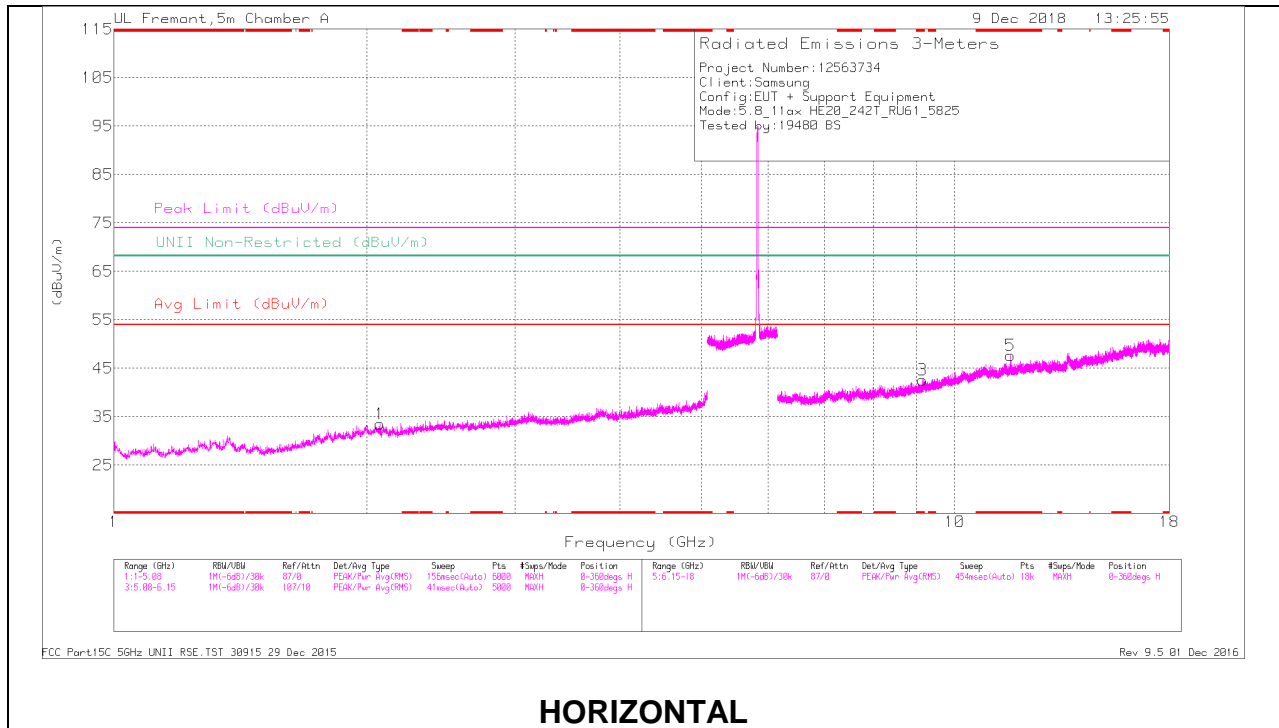
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Ftr/Fed (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Asimuth (Deg)	Height (cm)	Polarity
* 11.572	35.02	PK-U	38.3	-18.6	0	54.72	-	-	74	-19.28	-	-	306	127	H
* 11.569	23.67	ADR	38.3	-18.7	.67	43.94	54	-10.06	-	-	-	-	306	127	H
* 8.209	32.65	PK-U	35.9	-21.2	0	47.35	-	-	74	-26.65	-	-	326	132	H
* 8.209	20.82	ADR	35.9	-21.2	.67	36.19	54	-17.81	-	-	-	-	326	132	H
* 11.569	39.67	PK-U	38.3	-18.7	0	59.27	-	-	74	-14.73	-	-	107	101	V
* 11.569	28.31	ADR	38.3	-18.7	.67	48.58	54	-5.42	-	-	-	-	107	101	V
* 7.314	32.89	PK-U	35.6	-22.2	0	46.29	-	-	74	-27.71	-	-	198	283	V
* 7.314	21.12	ADR	35.6	-22.2	.67	35.19	54	-18.81	-	-	-	-	198	283	V
1.951	39.6	PK-U	31.3	-31	0	39.9	-	-	-	-	68.2	-28.3	71	306	H
2.105	38.38	PK-U	31.3	-30.3	0	39.38	-	-	-	-	68.2	-28.82	241	209	V

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

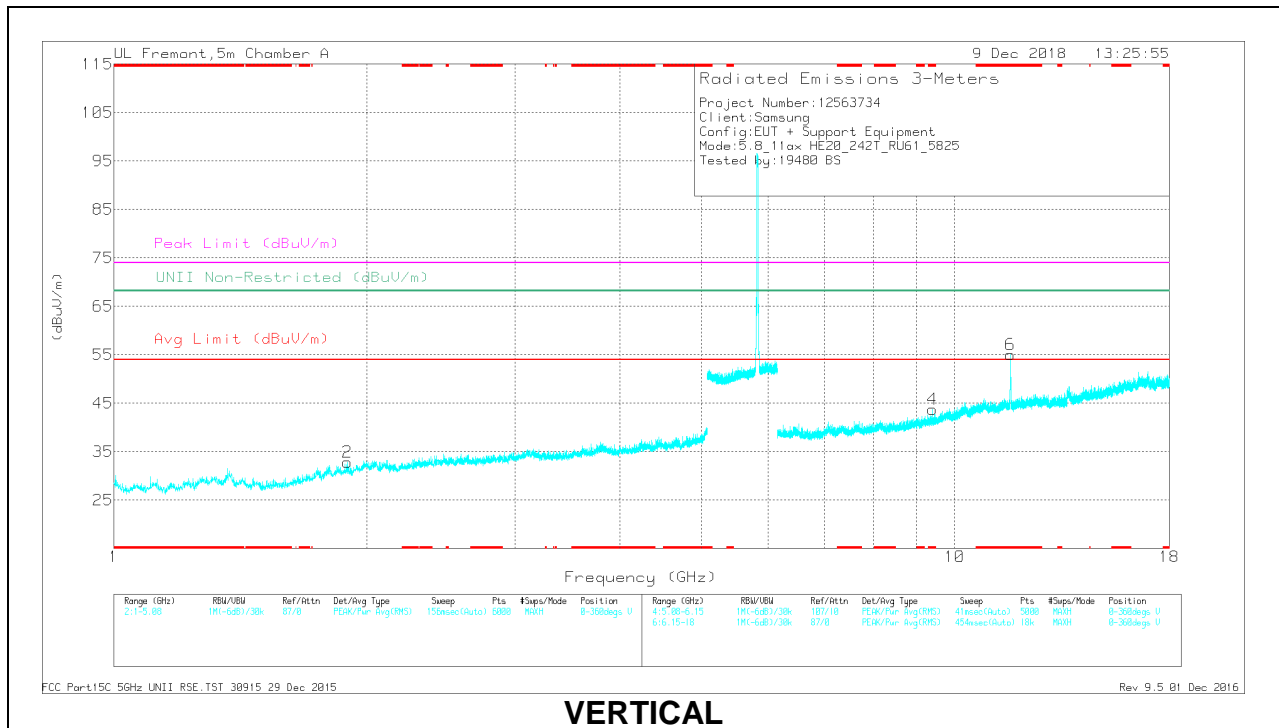
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Ch/Fit/Fed (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)	Asimuth (Deg)	Height (cm)	Polarity
*11.645	33.8	PK-U	38.3	-18.3	0	53.8	-	-	74	-20.2	-	-	301	105	H
*11.649	22.93	ADR	38.4	-18.3	.67	43.7	54	-10.3	-	-	-	-	301	105	H
*9.16	32.44	PK-U	36.4	-20.9	0	47.94	-	-	74	-26.06	-	-	33	279	H
*9.16	20.56	ADR	36.4	-20.9	.67	36.73	54	-17.27	-	-	-	-	33	279	H
*11.654	38.68	PK-U	38.4	-18.2	0	58.88	-	-	74	-15.12	-	-	98	104	V
*11.649	27.34	ADR	38.4	-18.3	.67	48.11	54	-5.89	-	-	-	-	98	104	V
*9.411	32.76	PK-U	36.6	-20.9	0	48.46	-	-	74	-25.54	-	-	211	245	V
*9.409	20.73	ADR	36.6	-20.9	.67	37.1	54	-16.9	-	-	-	-	211	245	V
1.895	38.98	PK-U	30.9	-31.5	0	38.38	-	-	-	-	68.2	-29.82	127	119	V
2.075	37.59	PK-U	31.2	-30.1	0	38.69	-	-	-	-	68.2	-29.51	262	278	H

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

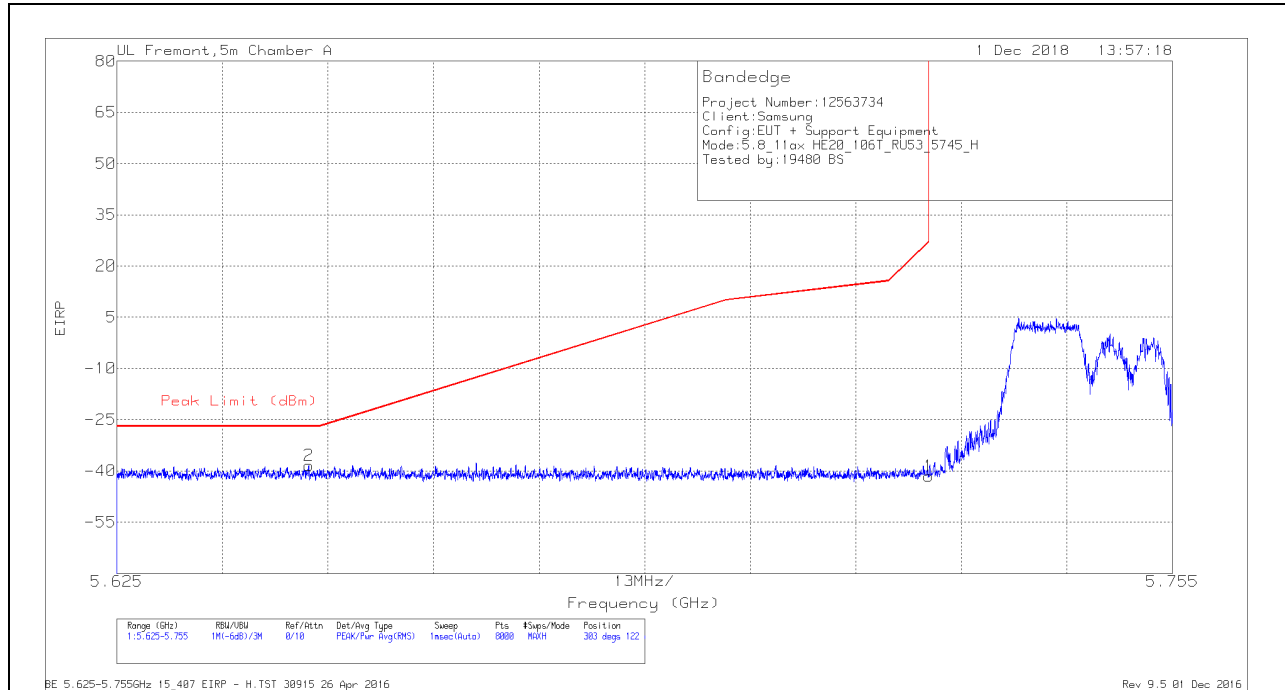
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 53

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

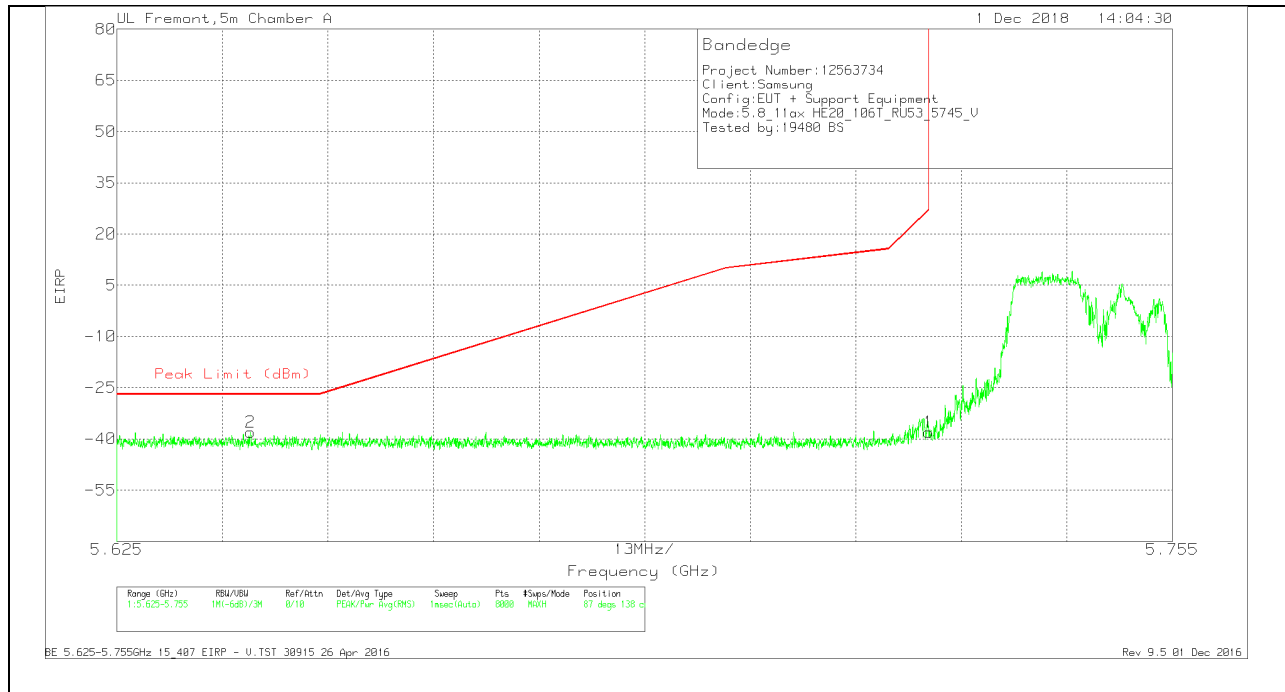


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.649	-68.27	Pk	35.1	-17.1	11.8	-38.47	-27	-11.47	303	122	H
1	5.725	-71.37	Pk	35	-16.9	11.8	-41.47	27	-68.47	303	122	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

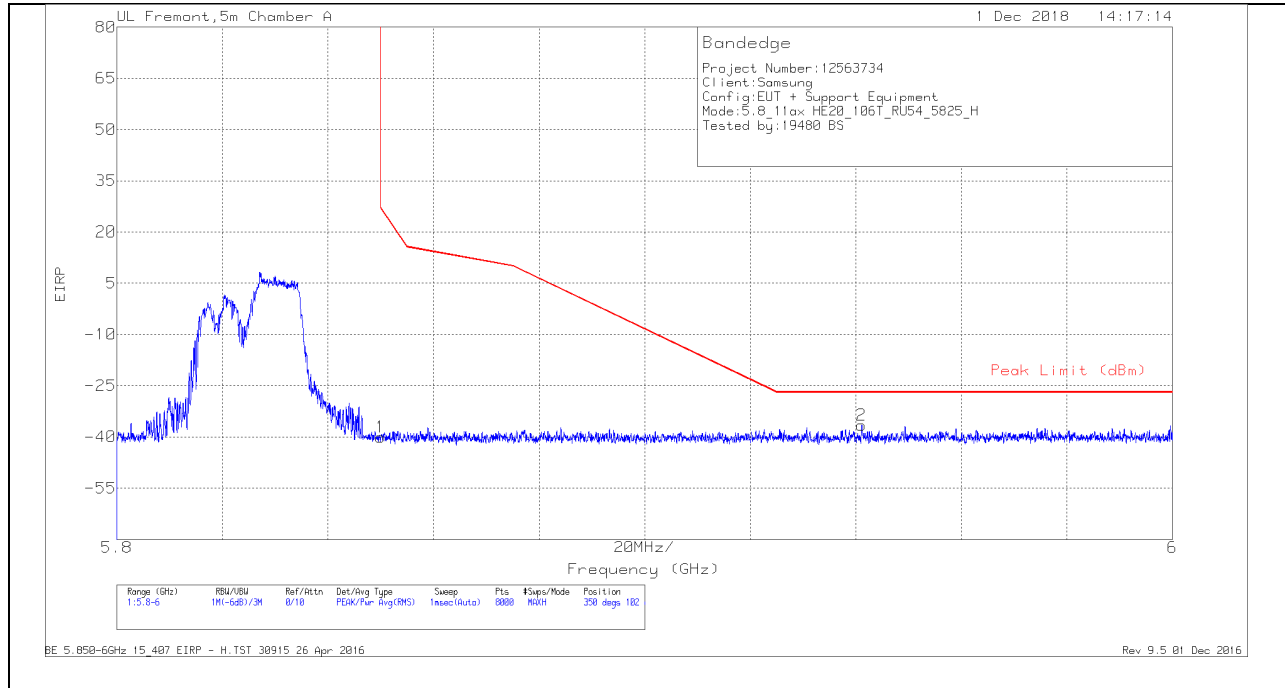
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.641	-67.83	PK	35.1	-17.1	11.8	-38.03	-27	-11.03	87	138	V
1	5.725	-67.96	PK	35	-16.9	11.8	-38.06	27	-65.06	87	138	V

Pk - Peak detector

2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 54

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

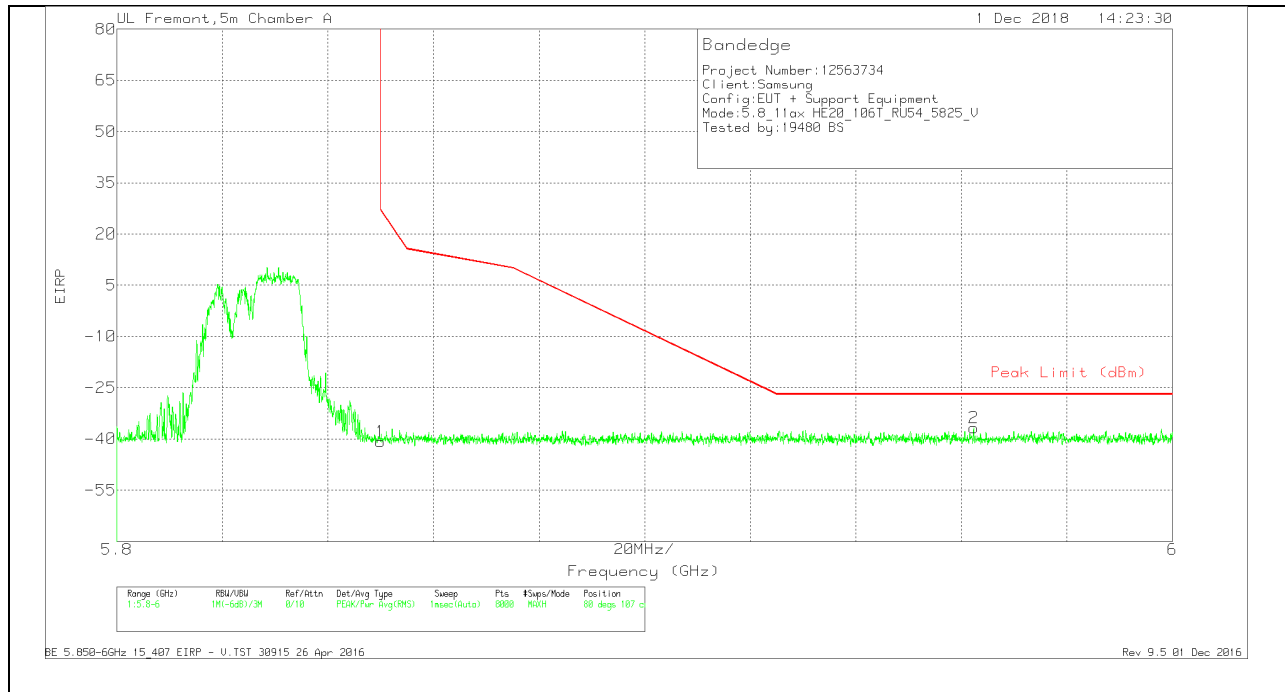


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-70.47	Pk	35.1	-16.5	11.8	-40.07	26.99	-67.06	350	102	H
2	5.941	-67.36	Pk	35.3	-16.3	11.8	-36.56	-27	-9.56	350	102	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

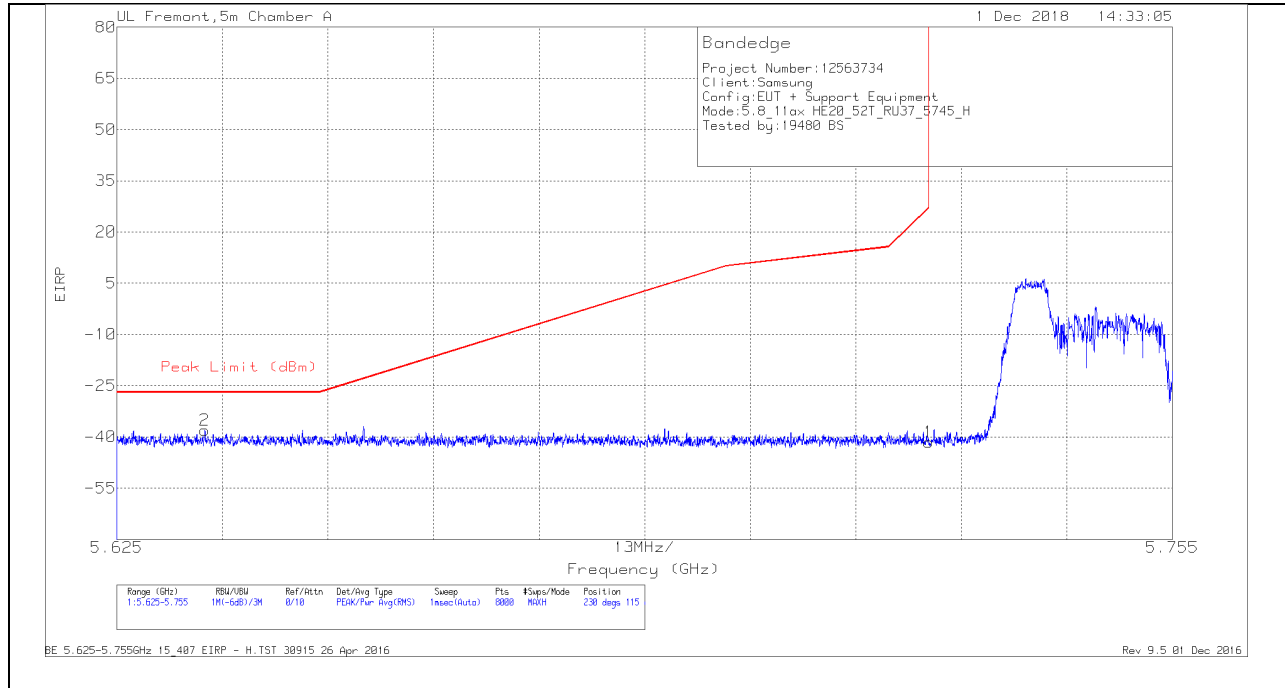
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-71.15	Pk	35.1	-16.5	11.8	-40.75	26.99	-67.74	80	107	V
2	5.962	-67.59	Pk	35.3	-16.3	11.8	-36.79	-27	-9.79	80	107	V

Pk - Peak detector

2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 37

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

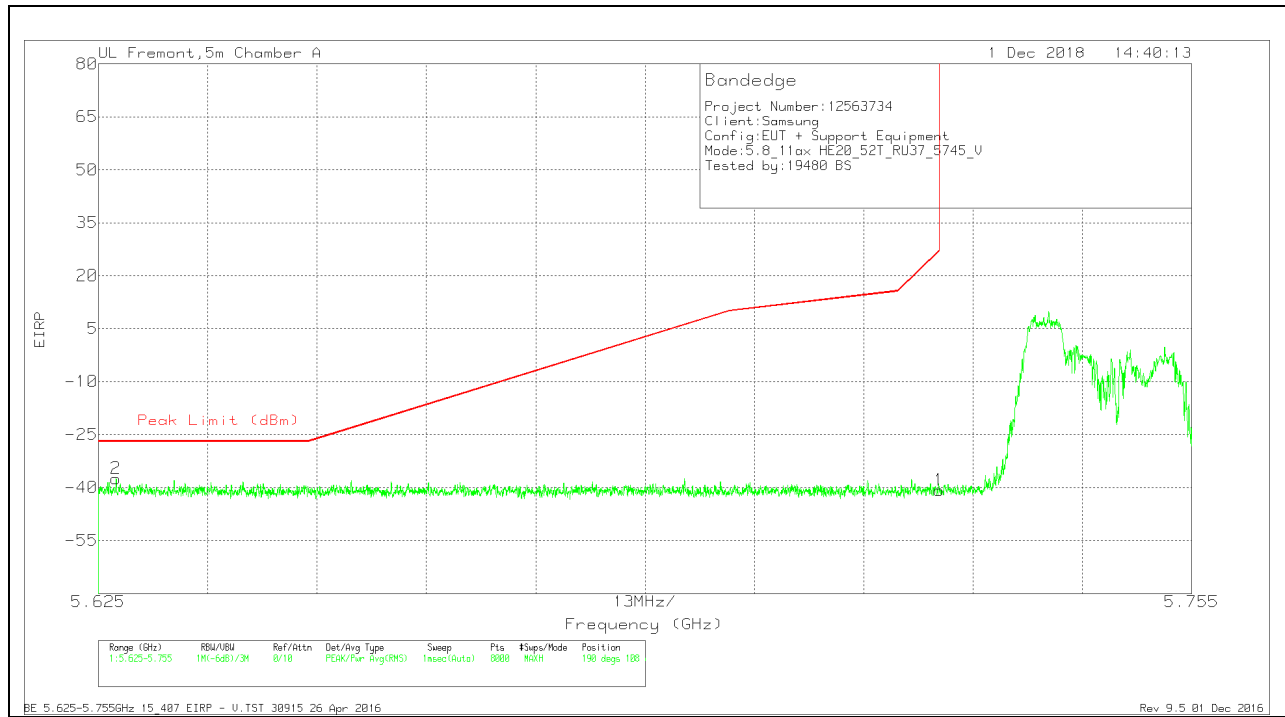


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.636	-67.75	PK	35.1	-17.1	11.8	-37.95	-27	-10.95	230	115	H
1	5.725	-71.35	PK	35	-16.9	11.8	-41.45	27	-68.45	230	115	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

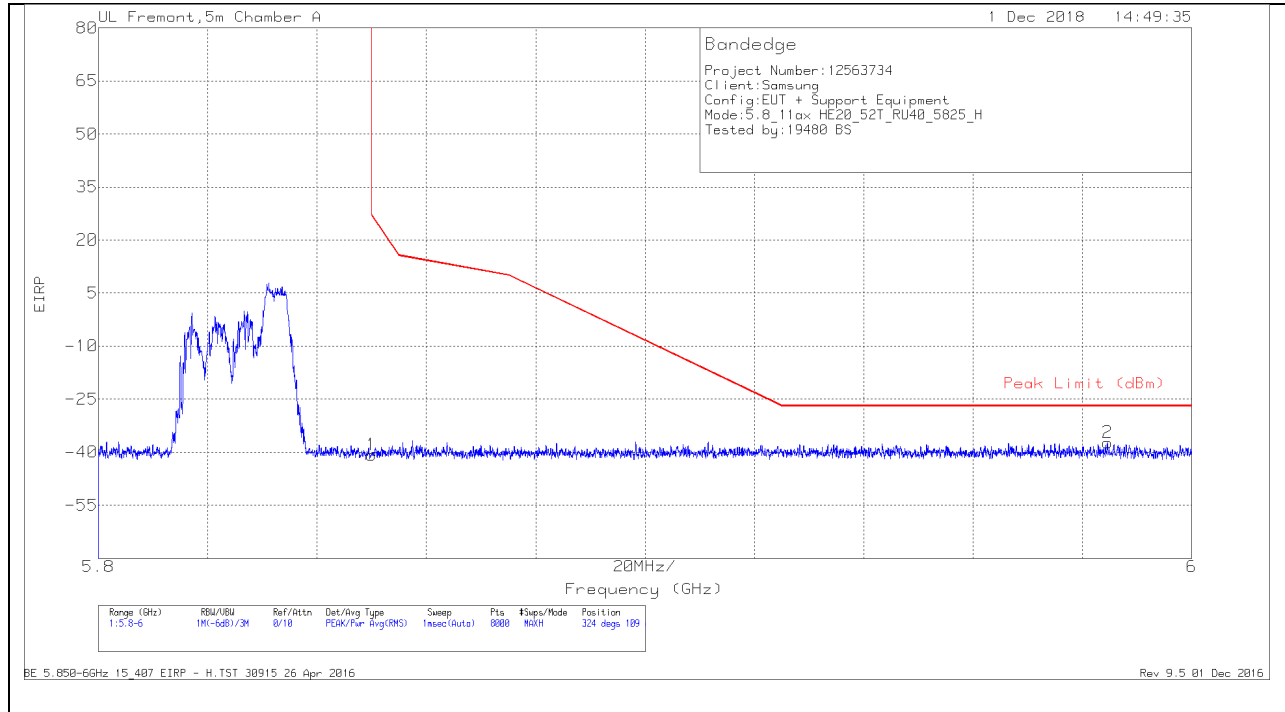
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.627	-67.32	Pk	35.1	-17	11.8	-37.42	-27	-10.42	190	108	V
1	5.725	-70.77	Pk	35	-16.9	11.8	-40.87	27	-67.87	190	108	V

Pk - Peak detector

2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 40

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

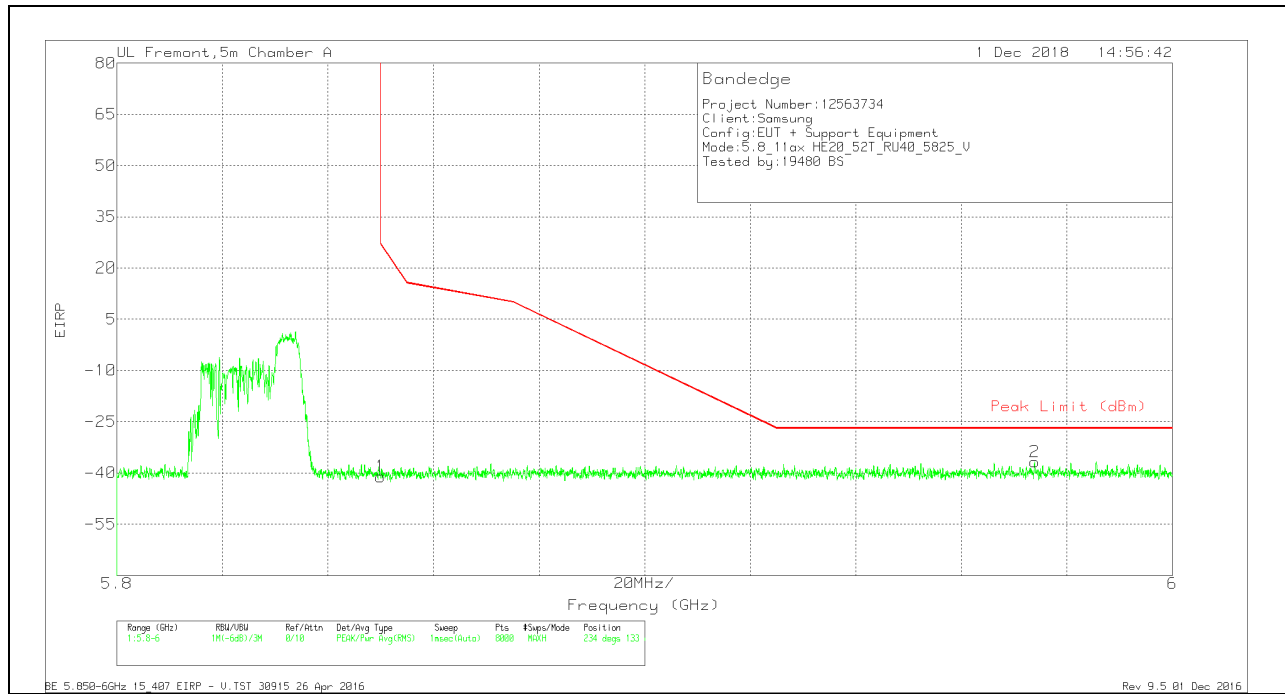


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-71.23	PK	35.1	-16.5	11.8	-40.83	26.99	-67.82	324	109	H
2	5.985	-68.19	PK	35.3	-16.2	11.8	-37.29	-27	-10.29	324	109	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

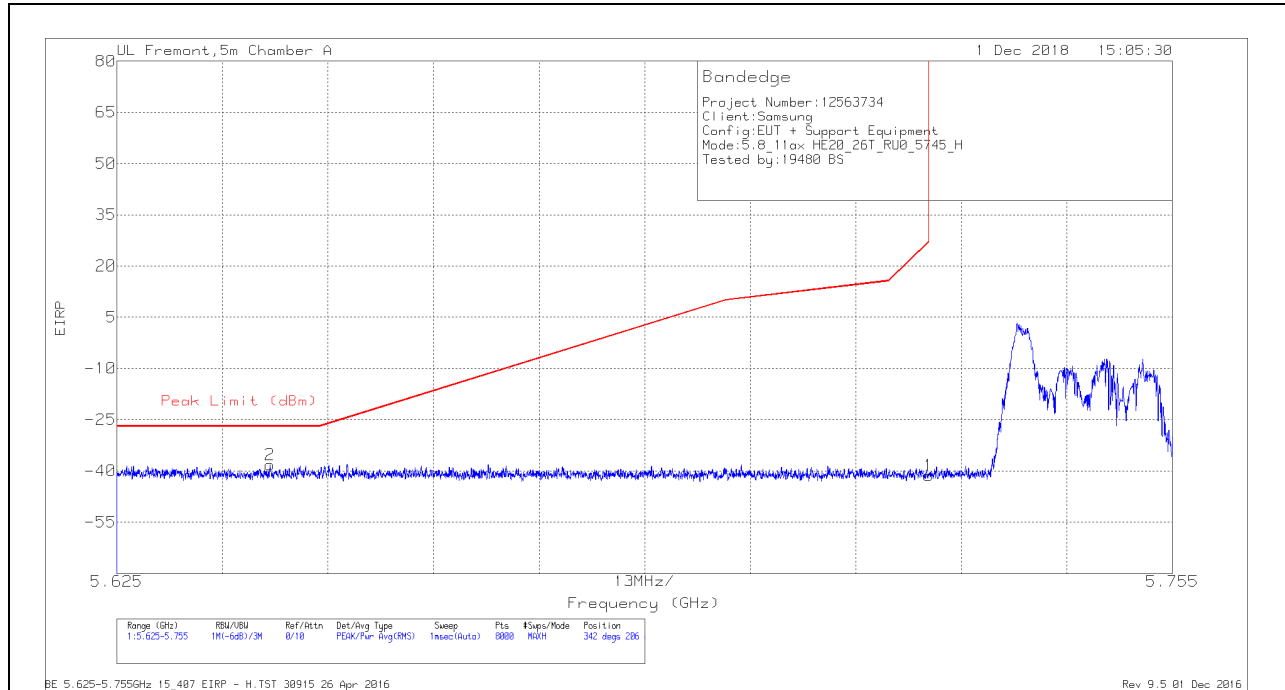
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cb/Fltr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-71.47	Pk	35.1	-16.5	11.8	-41.07	26.99	-68.06	234	133	V
2	5.974	-67.76	Pk	35.3	-16.1	11.8	-36.76	-27	-9.76	234	133	V

Pk - Peak detector

2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

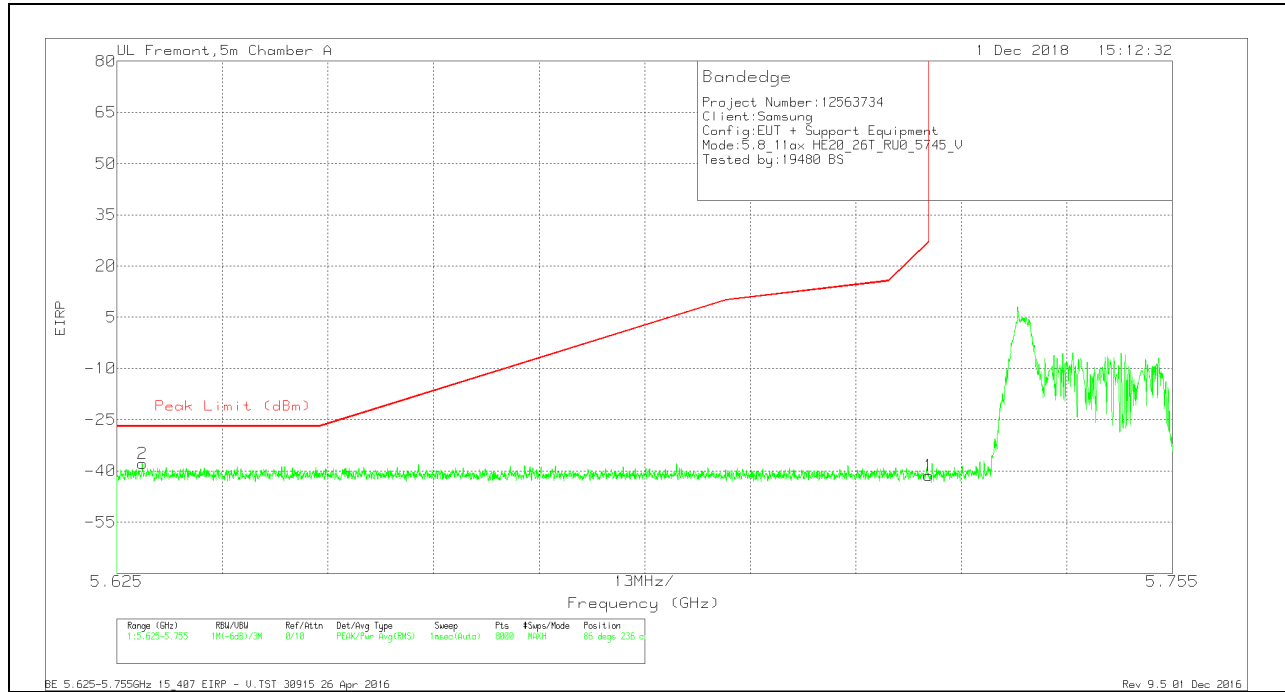


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.644	-68.08	Pk	35.1	-17.1	11.8	-38.28	-27	-11.28	342	206	H
1	5.725	-71.29	Pk	35	-16.9	11.8	-41.39	27	-68.39	342	206	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

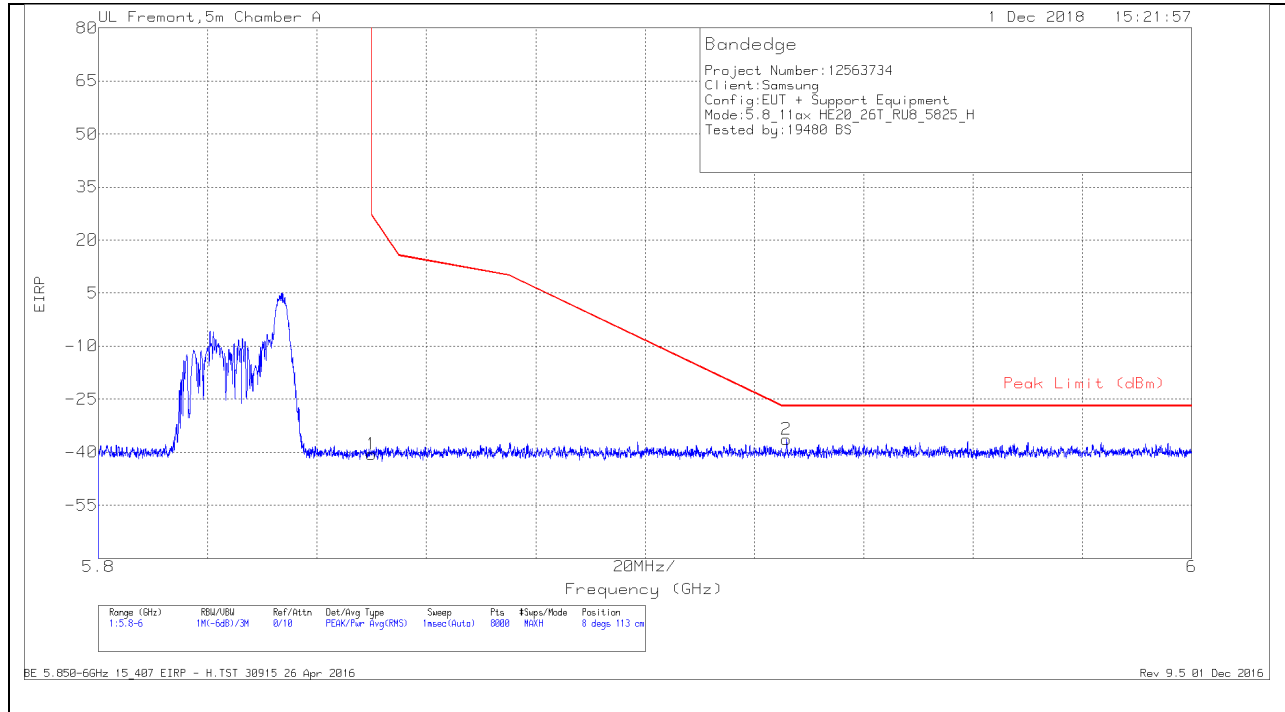
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cb/Filtr/Par d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.628	-67.57	PK	35.1	-17.1	11.8	-37.77	-27	-10.77	86	236	V
1	5.725	-71.33	PK	35	-16.9	11.8	-41.43	27	-68.43	86	236	V

Pk - Peak detector

2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 8

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

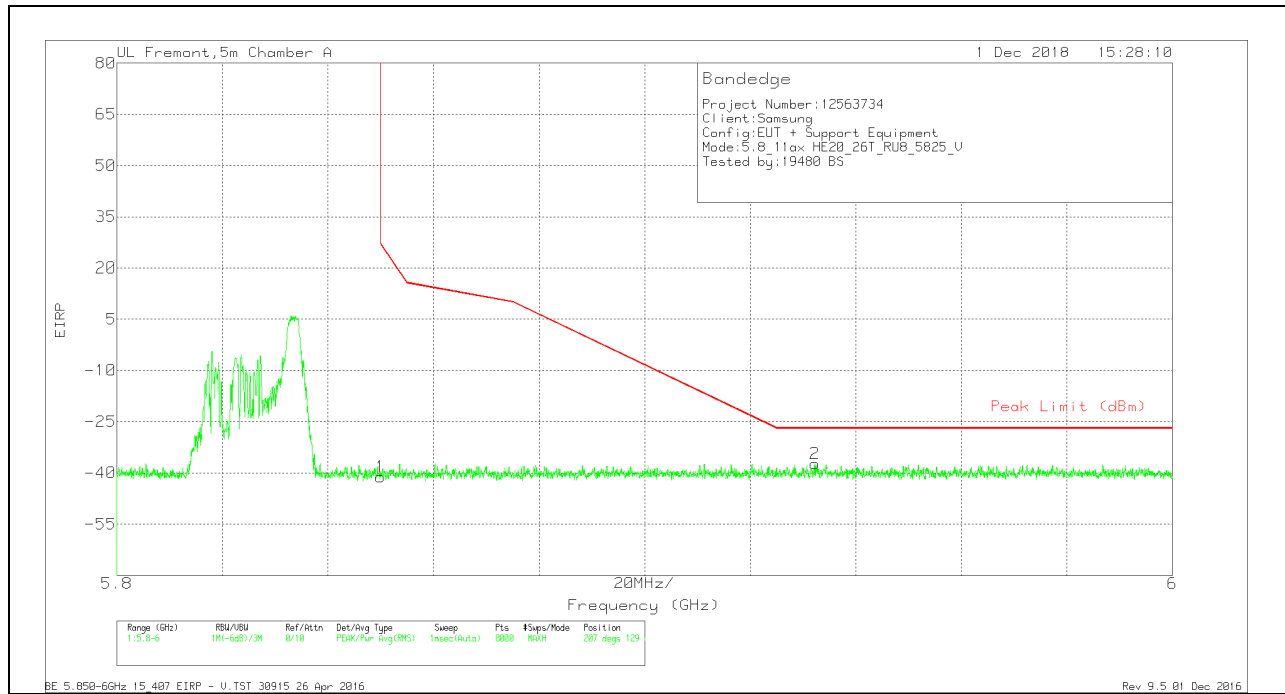


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-70.96	PK	35.1	-16.5	11.8	-40.56	26.99	-67.55	8	113	H
2	5.926	-67.12	PK	35.2	-16.3	11.8	-36.42	-27	-9.42	8	113	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

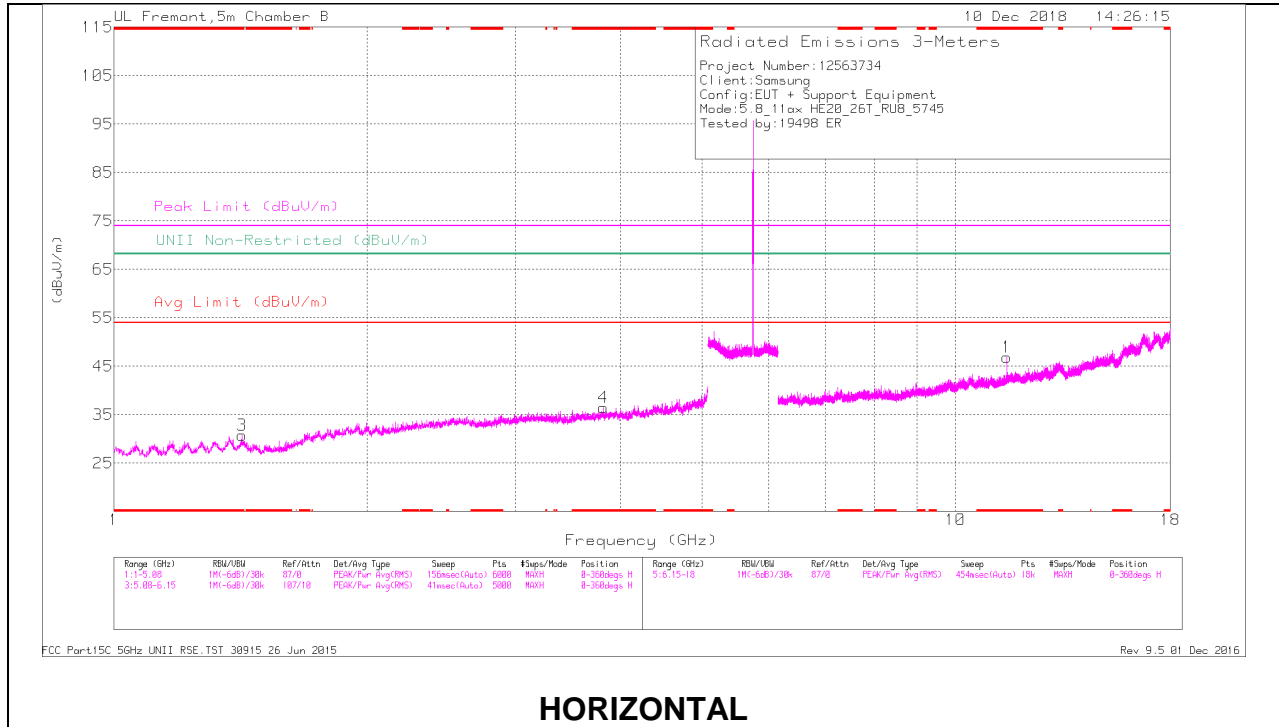
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cb/Filtr/Par d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-71.52	PK	35.1	-16.5	11.8	-41.12	26.99	-68.11	207	129	V
2	5.932	-68.06	PK	35.2	-16.3	11.8	-37.36	-27	-10.36	207	129	V

Pk - Peak detector

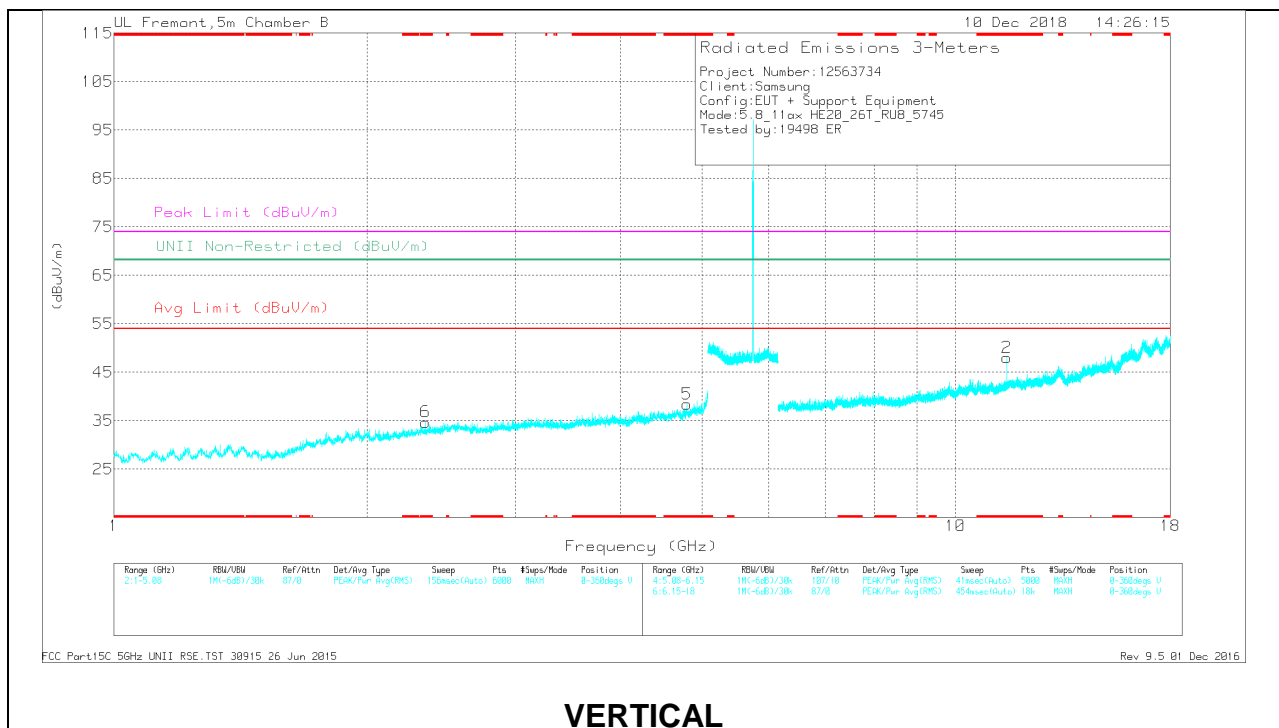
2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 8

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

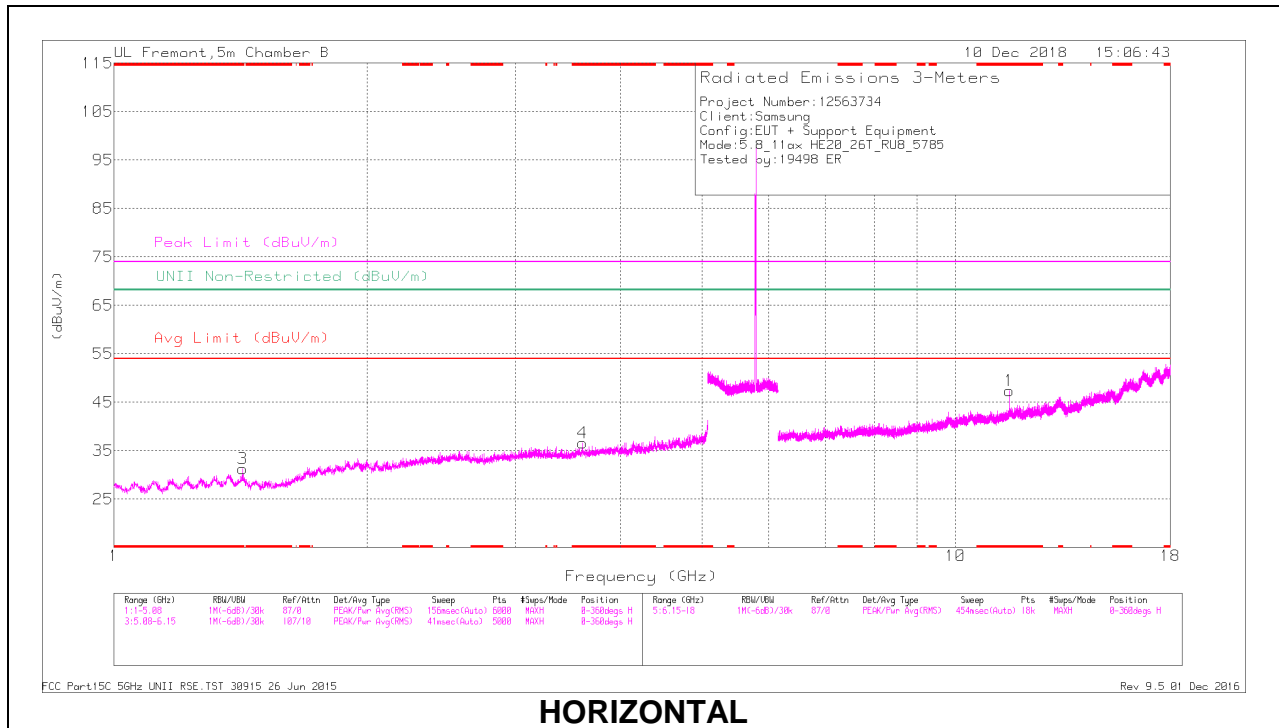
Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1863 (dB/m)	Amp/Ch/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 3.816	40.33	PK-U	33.4	-30.7	0	43.03	-	-	74	-30.97	-	-	302	197	H
* 3.816	28.59	ADR	33.4	-30.7	.1	31.39	54	-22.61	-	-	-	-	302	197	H
* 1.42	41.3	PK-U	28.4	-33.2	0	36.5	-	-	74	-37.5	-	-	128	111	H
* 1.42	29.95	ADR	28.4	-33.2	.1	25.25	54	-28.75	-	-	-	-	128	111	H
* 2.347	40.06	PK-U	32.2	-32.2	0	40.06	-	-	74	-33.94	-	-	140	137	V
* 2.344	28.71	ADR	32.2	-32.1	.1	28.91	54	-25.09	-	-	-	-	140	137	V
* 4.795	39.12	PK-U	34	-29.4	0	43.72	-	-	74	-30.28	-	-	212	223	V
* 4.795	27.87	ADR	34	-29.4	.1	32.57	54	-21.43	-	-	-	-	212	223	V
* 11.506	35.6	PK-U	38.5	-22.4	0	51.7	-	-	74	-22.3	-	-	290	142	H
* 11.507	23.45	ADR	38.5	-22.4	.1	39.65	54	-14.35	-	-	-	-	290	142	H
* 11.507	44.74	PK-U	38.5	-22.4	0	60.84	-	-	74	-13.16	-	-	98	109	V
* 11.507	29.72	ADR	38.5	-22.4	.1	45.92	54	-8.08	-	-	-	-	98	109	V

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

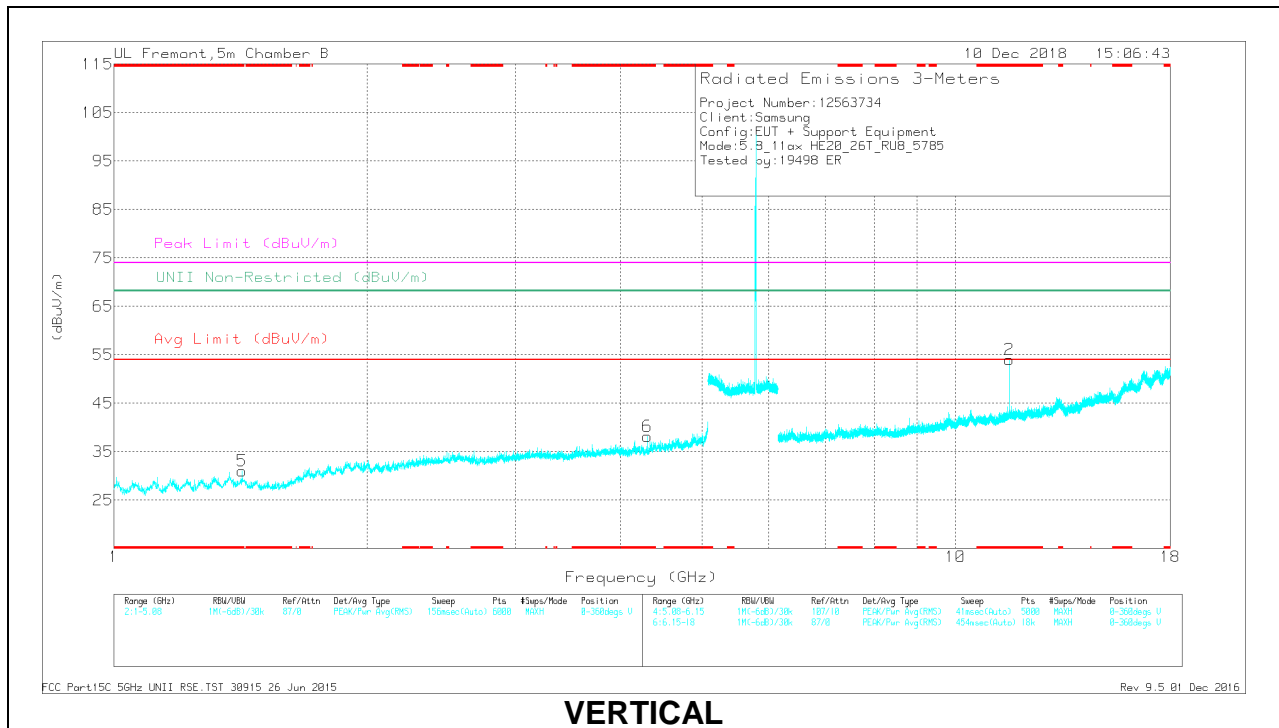
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



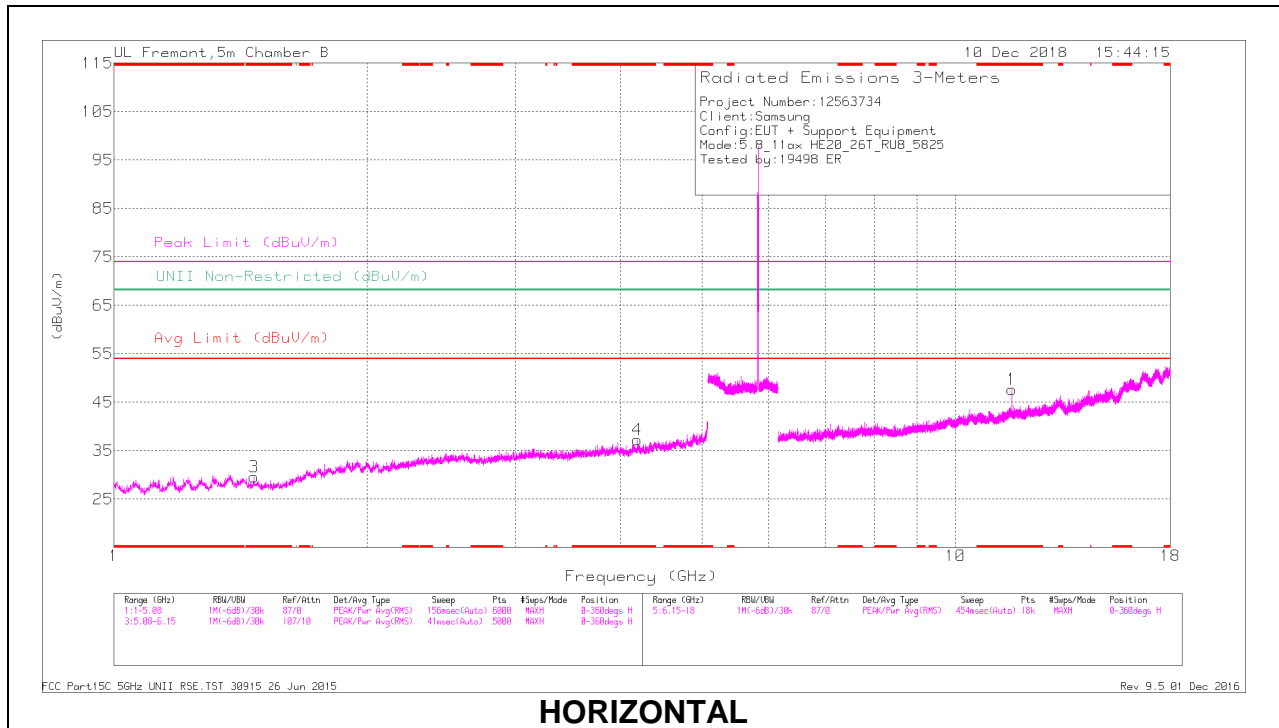
VERTICAL

RADIATED EMISSIONS

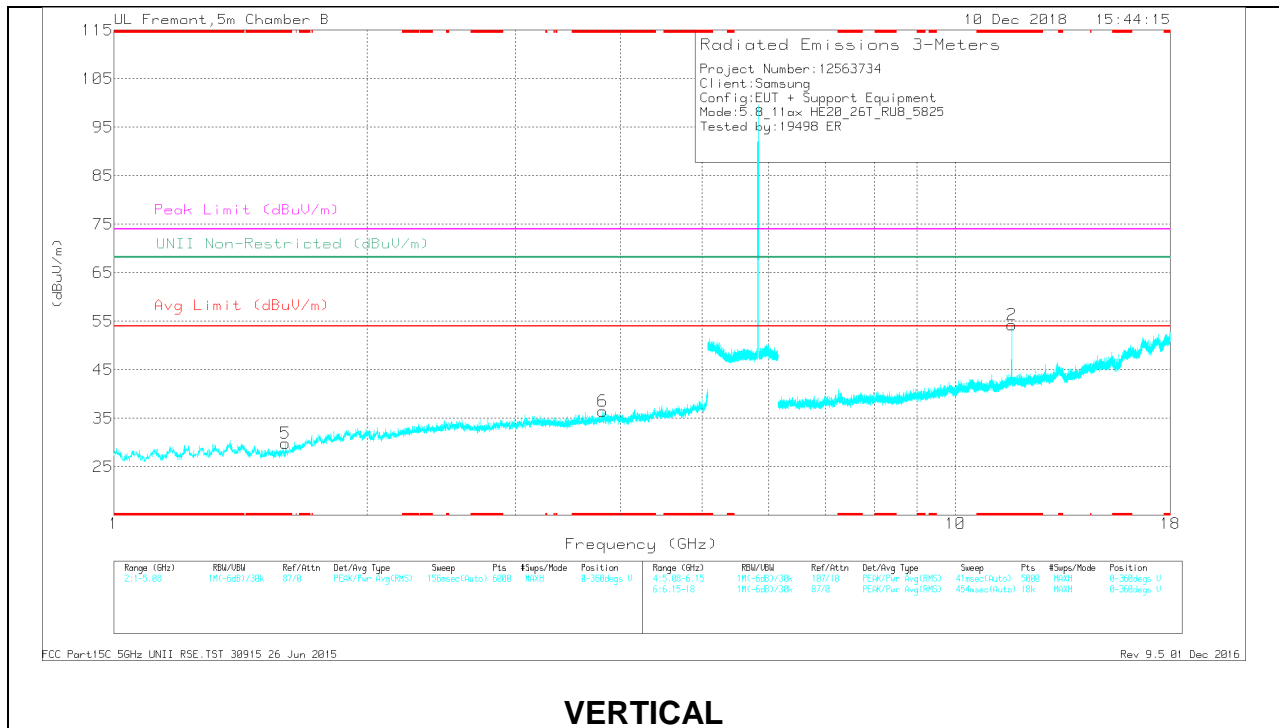
Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1863 (dB/m)	Amp/Ch/Ftr/Fed (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Asimuth (Deg)	Height (cm)	Polarity
* 3.609	40.17	PK-U	33.3	-31.3	0	42.17	-	-	74	-31.83	-	-	258	276	H
* 3.609	28.59	ADR	33.3	-31.3	.1	30.69	54	-23.31	-	-	-	-	258	276	H
* 1.424	41.22	PK-U	28.3	-33.4	0	36.12	-	-	74	-37.88	-	-	66	102	H
* 1.423	29.7	ADR	28.3	-33.4	.1	24.7	54	-29.3	-	-	-	-	66	102	H
* 4.305	39.32	PK-U	33.6	-30.4	0	42.52	-	-	74	-31.48	-	-	165	175	V
* 4.307	28.18	ADR	33.6	-30.4	.1	31.48	54	-22.52	-	-	-	-	165	175	V
* 1.419	41.77	PK-U	28.4	-33.1	0	37.07	-	-	74	-36.93	-	-	324	109	V
* 1.421	30.14	ADR	28.3	-33.3	.1	25.24	54	-28.76	-	-	-	-	324	109	V
* 11.587	40.87	PK-U	38.6	-21.7	0	57.77	-	-	74	-16.23	-	-	306	115	H
* 11.587	26.78	ADR	38.6	-21.7	.1	43.78	54	-10.22	-	-	-	-	306	115	H
* 11.587	46.96	PK-U	38.6	-21.7	0	63.86	-	-	74	-10.14	-	-	100	108	V
* 11.587	33.22	ADR	38.6	-21.7	.1	50.22	54	-3.78	-	-	-	-	100	108	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 1863 (dB/m)	Amp/Ch/Ftr/Fed (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)	Asimuth (Deg)	Height (cm)	Polarity
* 4.188	38.11	PK-U	33.6	-29.5	0	42.21	-	-	74	-31.79	-	-	65	206	H
* 4.191	27.35	ADR	33.6	-29.4	.1	31.65	54	-22.35	-	-	-	-	65	206	H
* 1.475	41.72	PK-U	27.9	-33.7	0	35.92	-	-	74	-38.08	-	-	303	318	H
* 1.474	29.42	ADR	27.9	-33.7	.1	23.72	54	-30.28	-	-	-	-	303	318	H
* 3.813	39.48	PK-U	33.4	-30.6	0	42.28	-	-	74	-31.72	-	-	253	179	V
* 3.813	28.61	ADR	33.4	-30.6	.1	31.51	54	-22.49	-	-	-	-	253	179	V
* 1.6	40.78	PK-U	27.7	-33.4	0	35.08	-	-	74	-38.92	-	-	168	249	V
* 1.598	29.59	ADR	27.7	-33.5	.1	23.89	54	-30.11	-	-	-	-	168	249	V
* 11.666	40.07	PK-U	38.9	-21.9	0	57.07	-	-	74	-16.93	-	-	306	116	H
* 11.667	25.78	ADR	38.9	-21.9	.1	42.88	54	-11.12	-	-	-	-	306	116	H
* 11.667	44.02	PK-U	38.9	-21.9	0	61.02	-	-	74	-12.98	-	-	108	120	V
* 11.667	29.03	ADR	38.9	-21.9	.1	46.13	54	-7.87	-	-	-	-	108	120	V

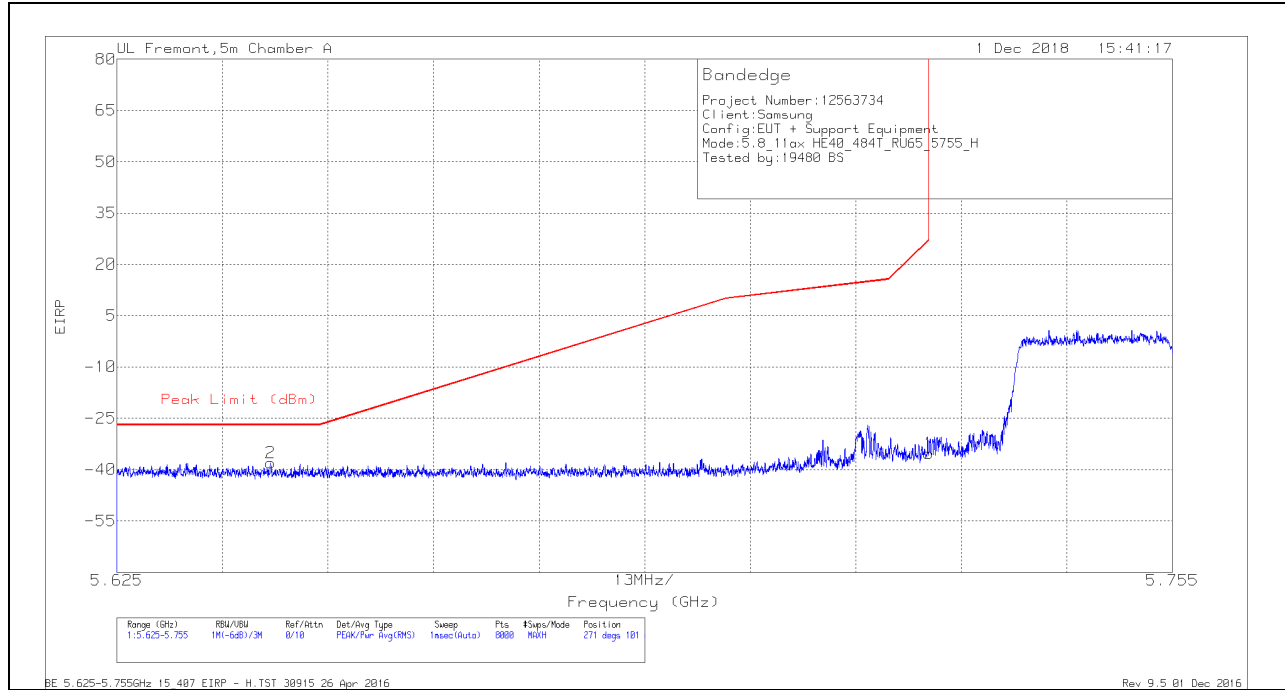
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

10.1.27. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.8 GHz BAND

2TX Antenna 1 + Antenna 2 OFDMA MODE – 484-Tones, RU Index 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

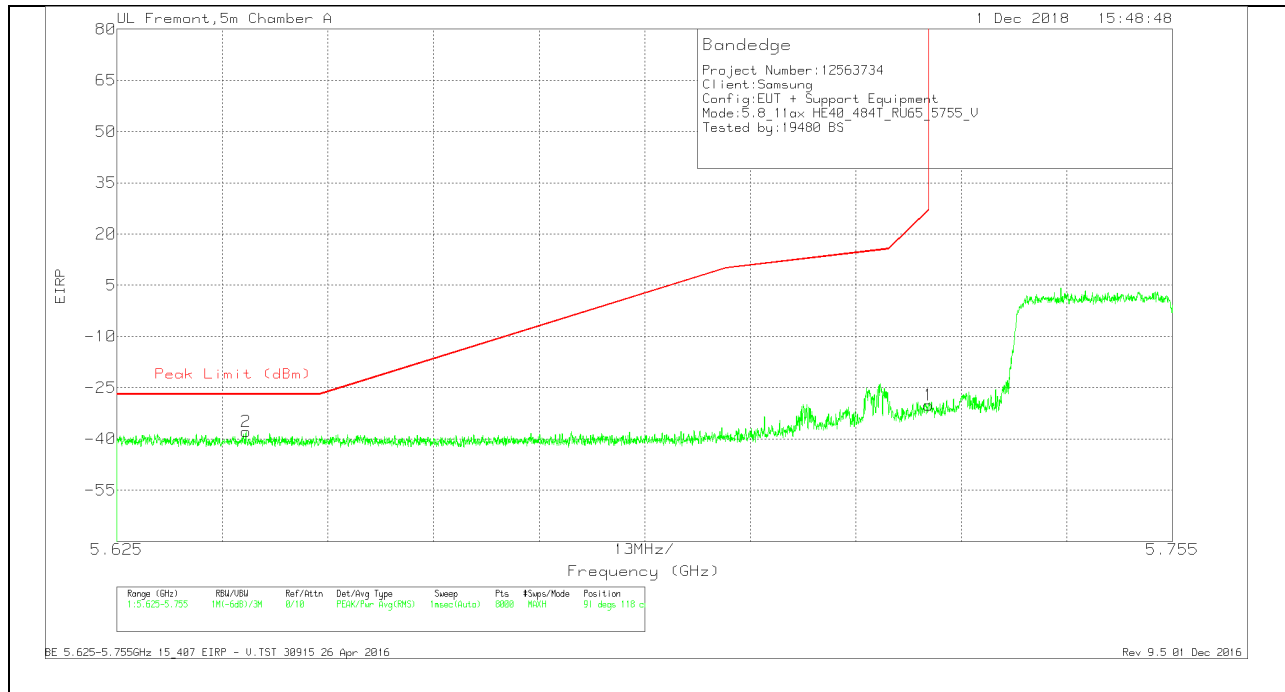


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cb1/Fitr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.644	-67.76	Pk	35.1	-17.1	11.8	-37.96	-27	-10.96	271	101	H
1	5.725	-65.21	Pk	35	-16.9	11.8	-35.31	27	-62.31	271	101	H

Pk - Peak detector

VERTICAL RESULT



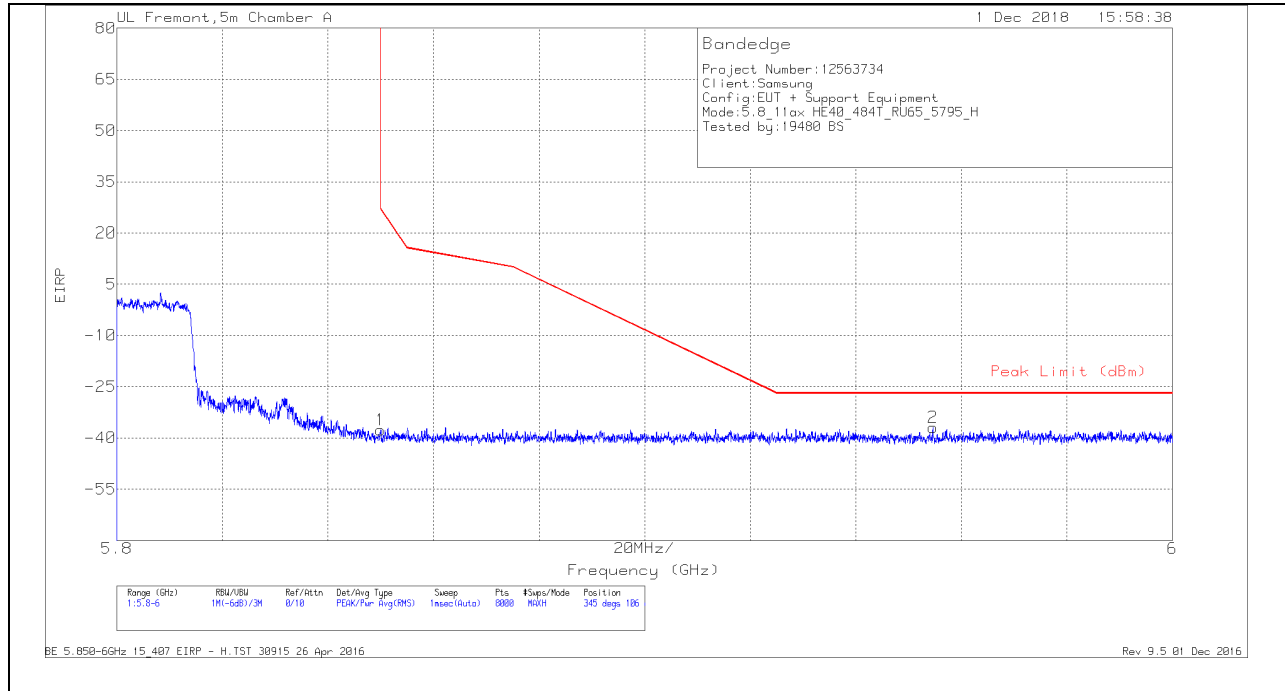
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Par d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.641	-67.67	PK	35.1	-17.1	11.8	-37.87	-27	-10.87	91	118	V
1	5.725	-59.94	PK	35	-16.9	11.8	-30.04	27	-57.04	91	118	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

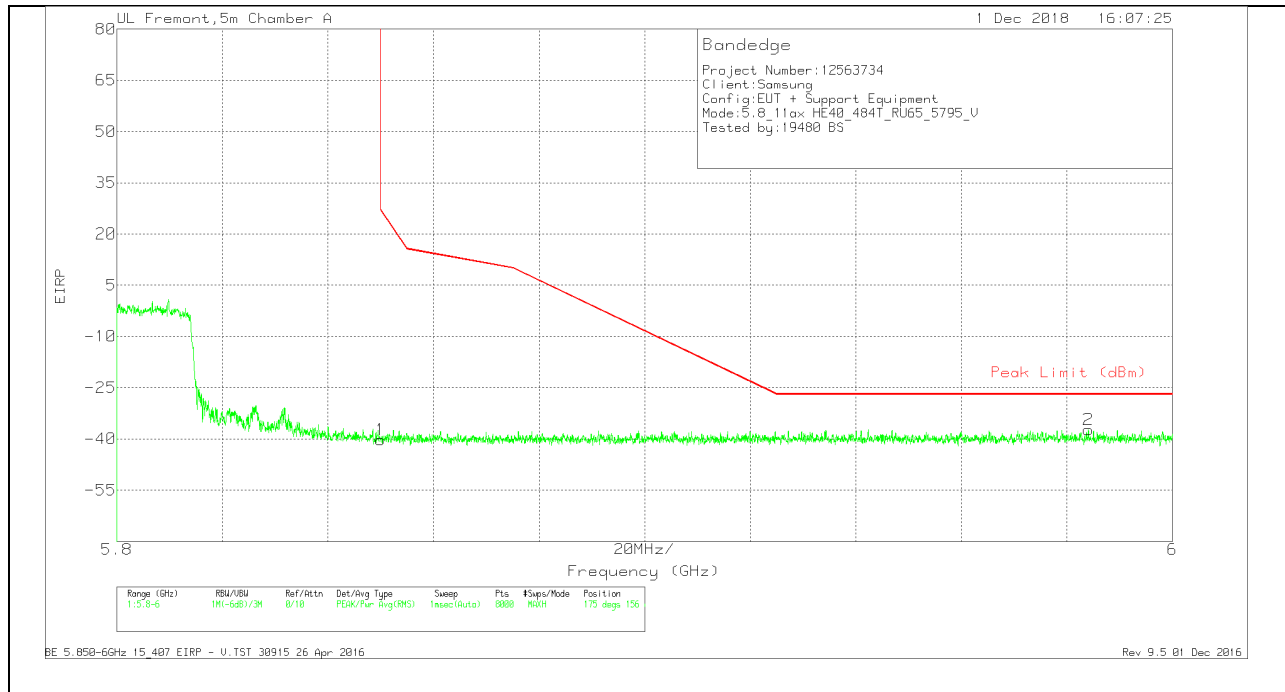


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cb/Ftr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.06	Pk	35.1	-16.5	11.8	-37.66	26.99	-64.65	345	106	H
2	5.955	-67.77	Pk	35.3	-16.3	11.8	-36.97	-27	-9.97	345	106	H

Pk - Peak detector

VERTICAL RESULT



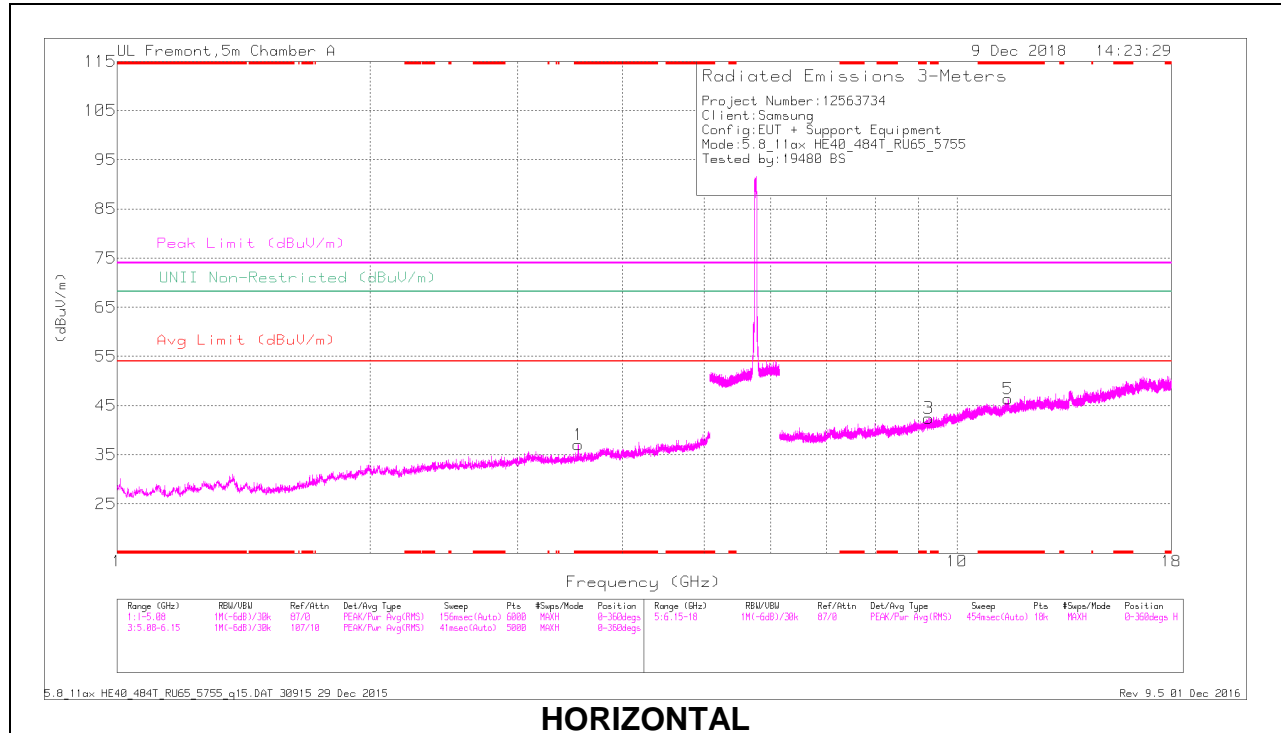
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Par d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-70.59	Pk	35.1	-16.5	11.8	-40.19	26.99	-67.18	175	156	V
2	5.984	-68.16	Pk	35.3	-16.2	11.8	-37.26	-27	-10.26	175	156	V

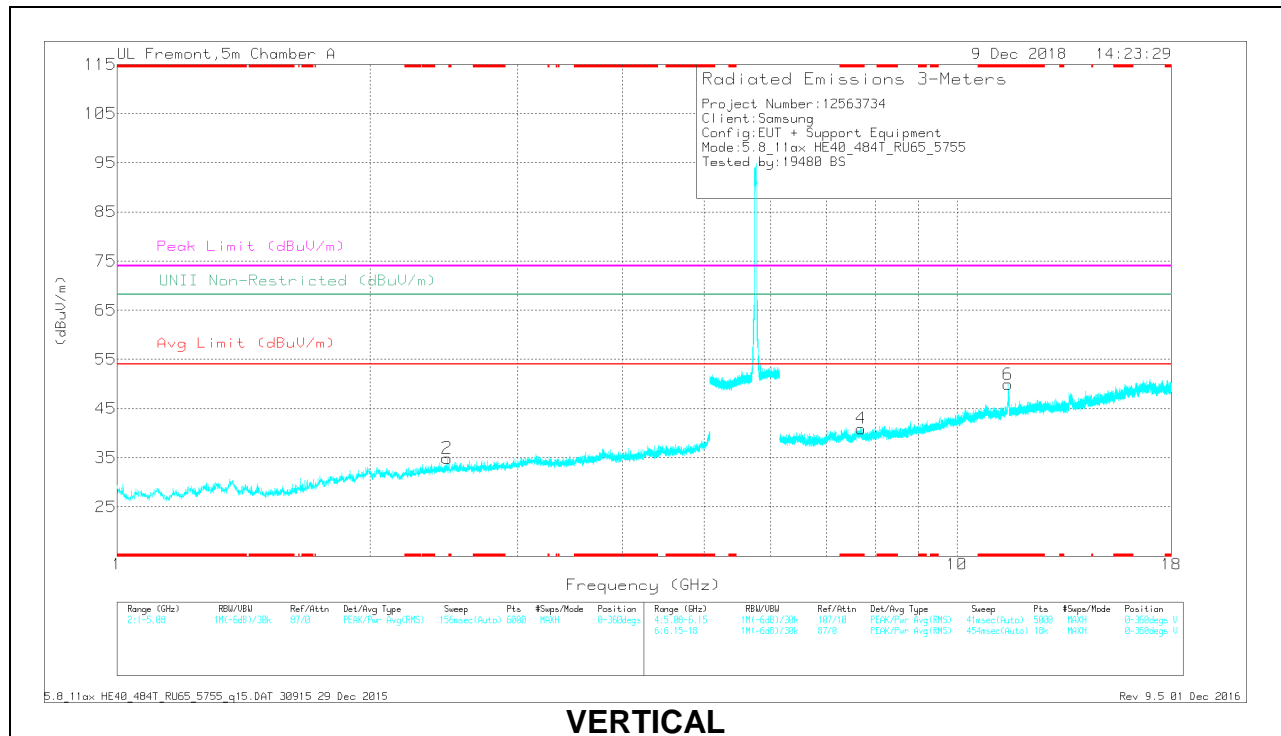
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

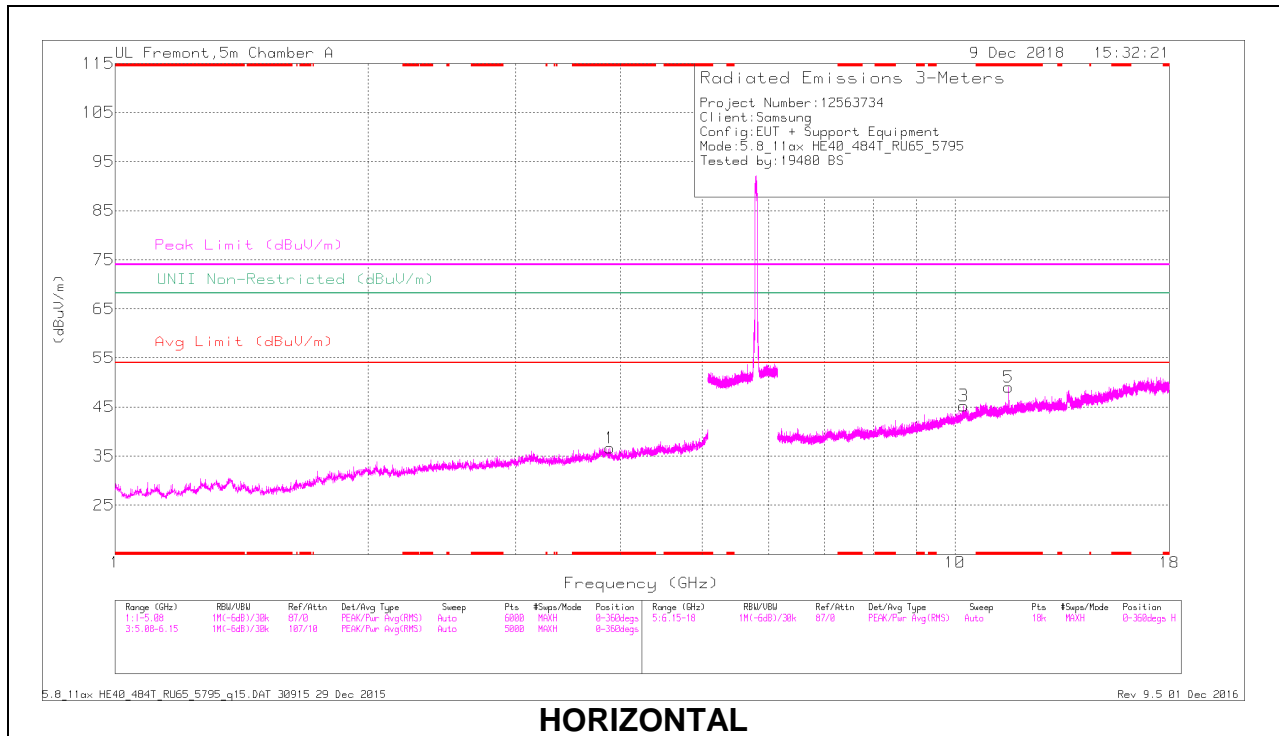
Frequency (GHz)	Meter Reading (dBu)	Det	AF T345 (dB/m)	Amp/Ch/Fit/Fed (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Asimuth (Deg)	Height (cm)	Polarity
* 3.54	36.84	PK-U	33.1	-28.3	0	41.64	-	-	74	-32.36	-	-	118	171	H
* 3.54	24.89	ADR	33.1	-28.3	1.13	30.82	54	-23.18	-	-	-	-	118	171	H
*11.511	30.98	PK-U	38.2	-18.3	0	50.88	-	-	74	-23.12	-	-	108	175	H
*11.496	19.91	ADR	38.2	-18.2	1.13	41.04	54	-12.96	-	-	-	-	108	175	H
*11.512	36.9	PK-U	38.2	-18.3	0	56.8	-	-	74	-17.2	-	-	42	101	V
*11.511	24.29	ADR	38.2	-18.3	1.13	45.32	54	-8.68	-	-	-	-	42	101	V
*7.695	33.3	PK-U	35.8	-22.1	0	47	-	-	74	-27	-	-	104	194	V
*7.696	21.19	ADR	35.8	-22.2	1.13	35.92	54	-18.08	-	-	-	-	104	194	V
2.472	38.22	PK-U	32.4	-30.4	0	40.22	-	-	-	-	68.2	-27.98	170	269	V
9.252	31.7	PK-U	36.4	-20.7	0	47.4	-	-	-	-	68.2	-20.8	287	147	H

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

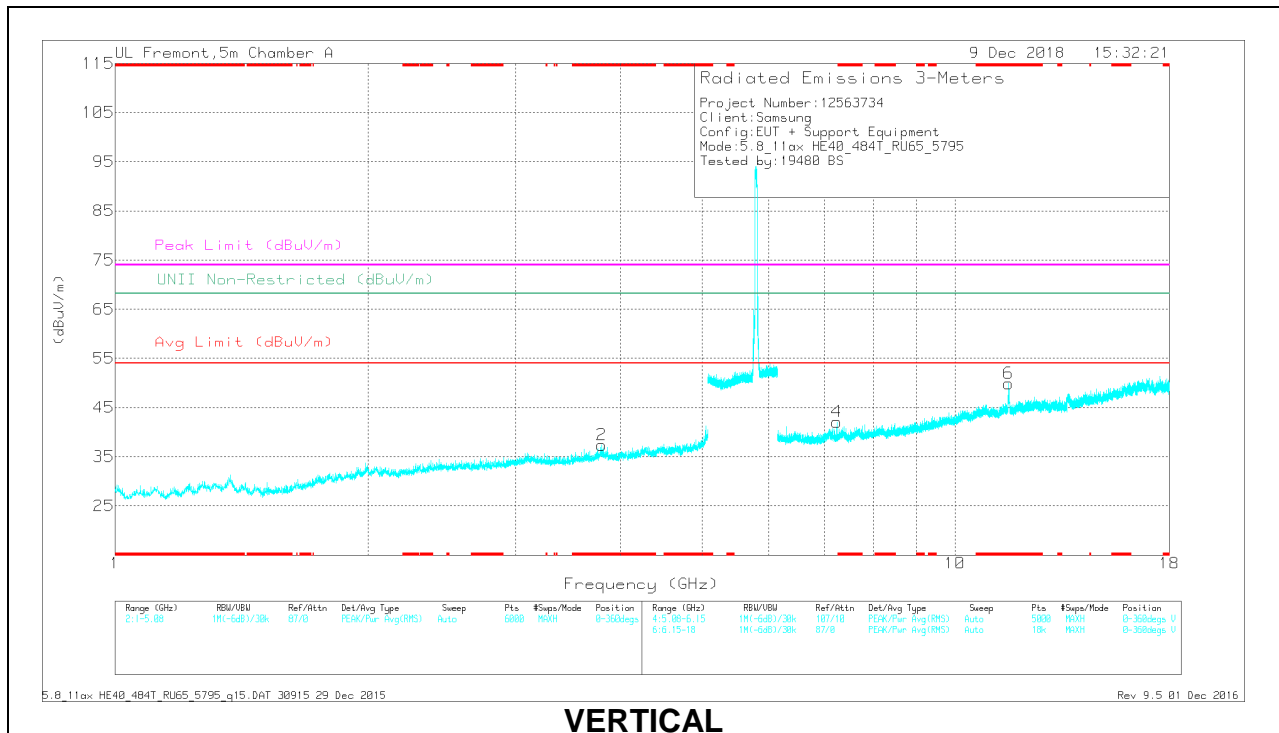
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Ch/Fit/Fed (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)	Asimuth (Deg)	Height (cm)	Polarity
* 3.884	37.23	PK-U	33.6	-28.4	0	42.43	-	-	74	-31.57	-	-	153	156	H
* 3.886	25.26	ADR	33.6	-28.4	1.13	31.59	54	-22.41	-	-	-	-	153	156	H
* 3.799	36.95	PK-U	33.5	-27.6	0	42.85	-	-	74	-31.15	-	-	287	120	V
* 3.799	25.06	ADR	33.5	-27.6	1.13	32.09	54	-21.91	-	-	-	-	287	120	V
* 11.595	33.11	PK-U	38.3	-18.5	0	52.91	-	-	74	-21.09	-	-	304	145	H
* 11.591	21.55	ADR	38.3	-18.5	1.13	42.48	54	-11.52	-	-	-	-	304	145	H
* 11.588	33.9	PK-U	38.3	-18.5	0	53.7	-	-	74	-20.3	-	-	3	105	V
* 11.589	22.44	ADR	38.3	-18.5	1.13	43.37	54	-10.63	-	-	-	-	3	105	V
7.235	33.69	PK-U	35.6	-23.3	0	45.99	-	-	-	-	68.2	-22.21	10	175	V
10.239	32.78	PK-U	37.4	-18.9	0	51.28	-	-	-	-	68.2	-16.92	2	354	H

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

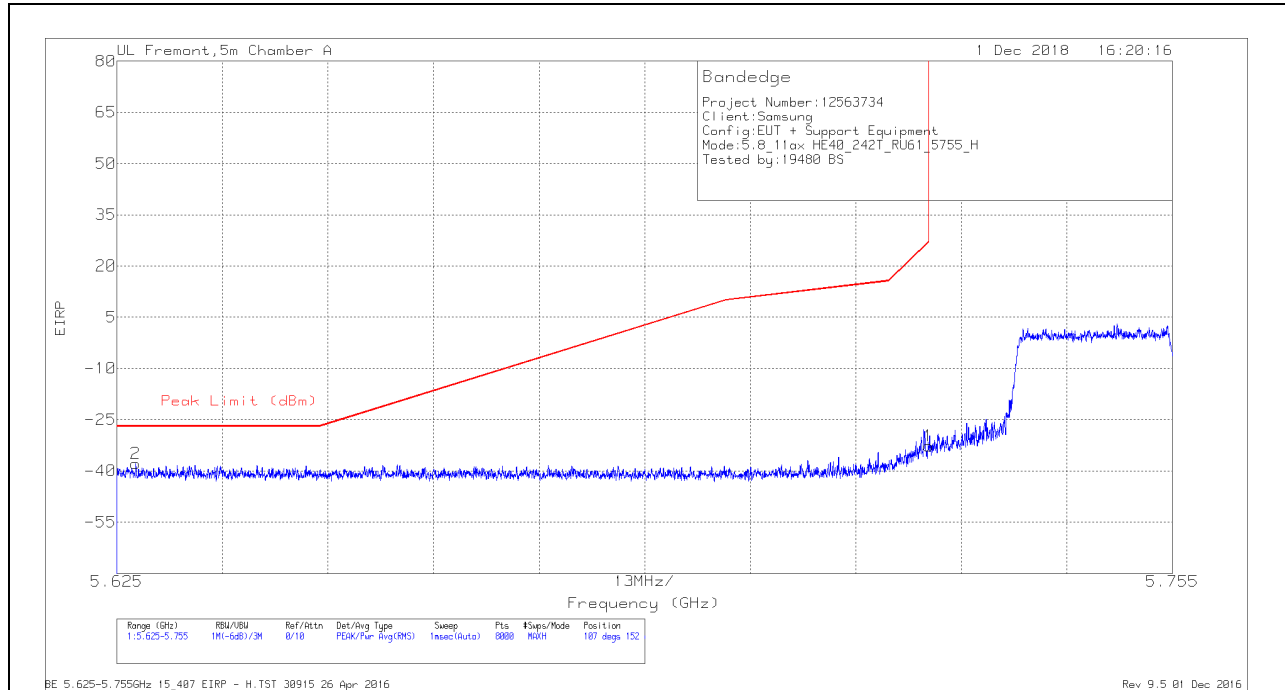
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX Antenna 1 + Antenna 2 OFDMA MODE – 242-Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

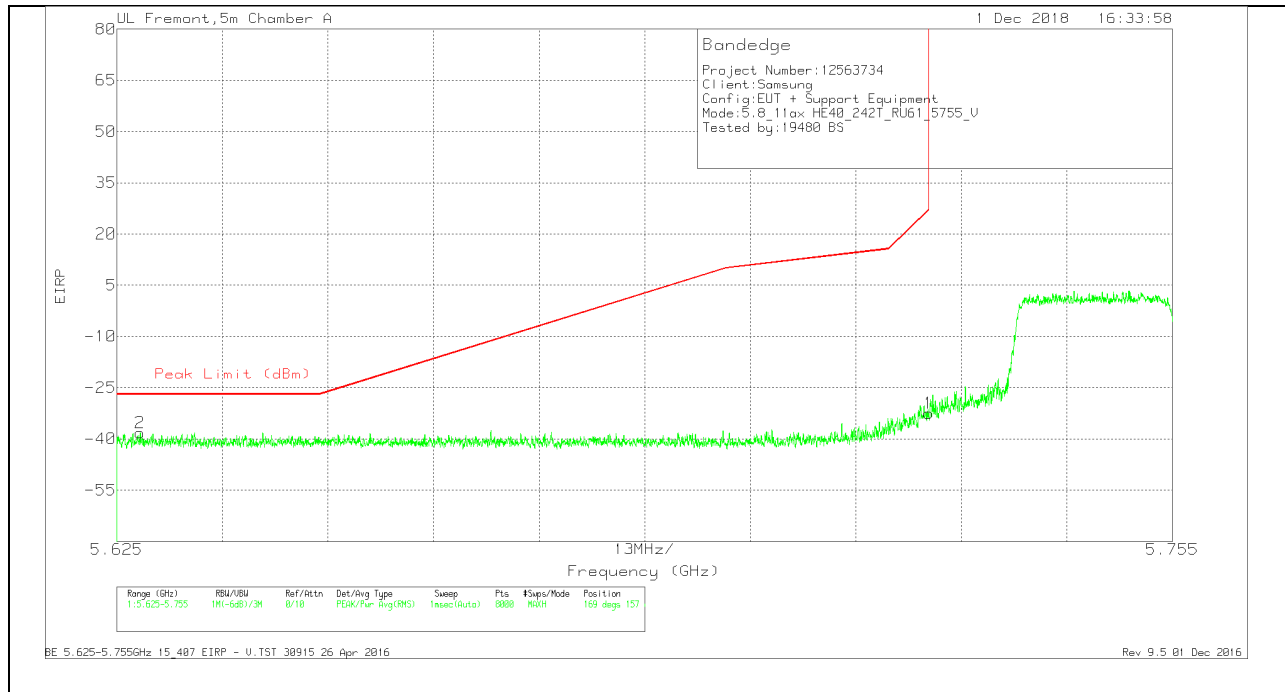


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.627	-67.8	Pk	35.1	-17	11.8	-37.9	-27	-10.9	107	152	H
1	5.725	-62.67	Pk	35	-16.9	11.8	-32.77	27	-59.77	107	152	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

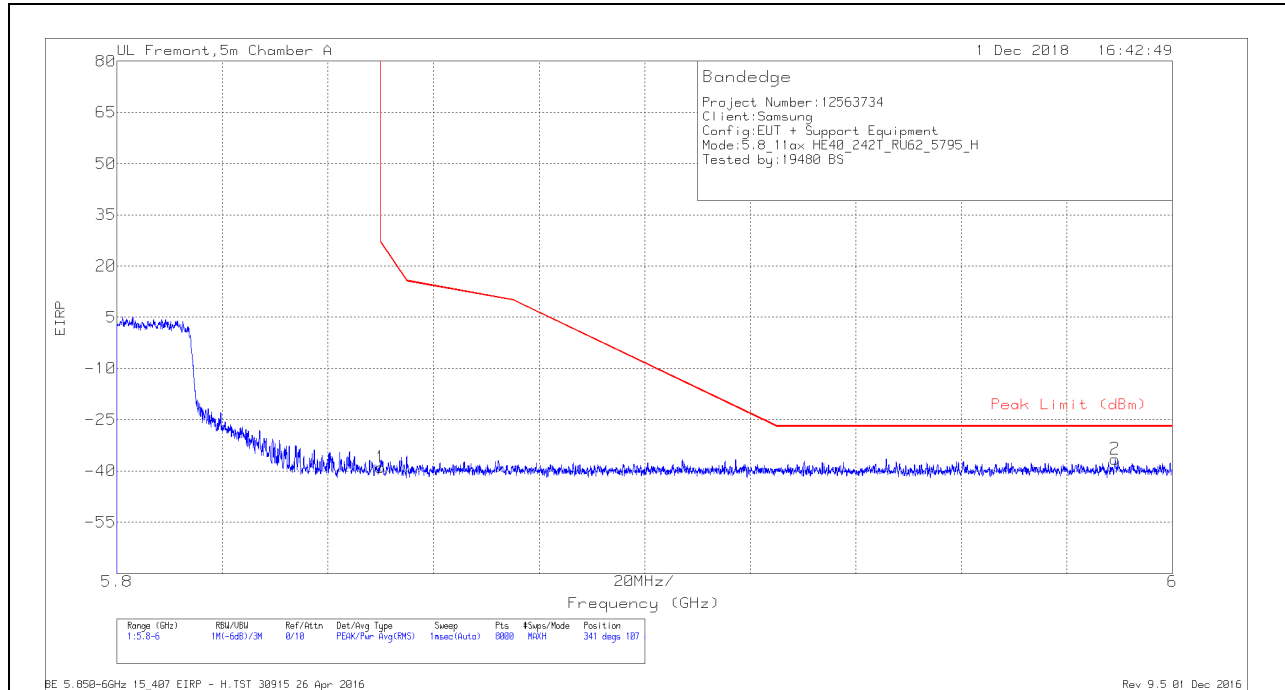
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Par d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.628	-67.97	Pk	35.1	-17.1	11.8	-38.17	-27	-11.17	169	157	V
1	5.725	-62.34	Pk	35	-16.9	11.8	-32.44	27	-59.44	169	157	V

Pk - Peak detector

2TX Antenna 1 + Antenna 2 OFDMA MODE – 242-Tones, RU Index 62

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

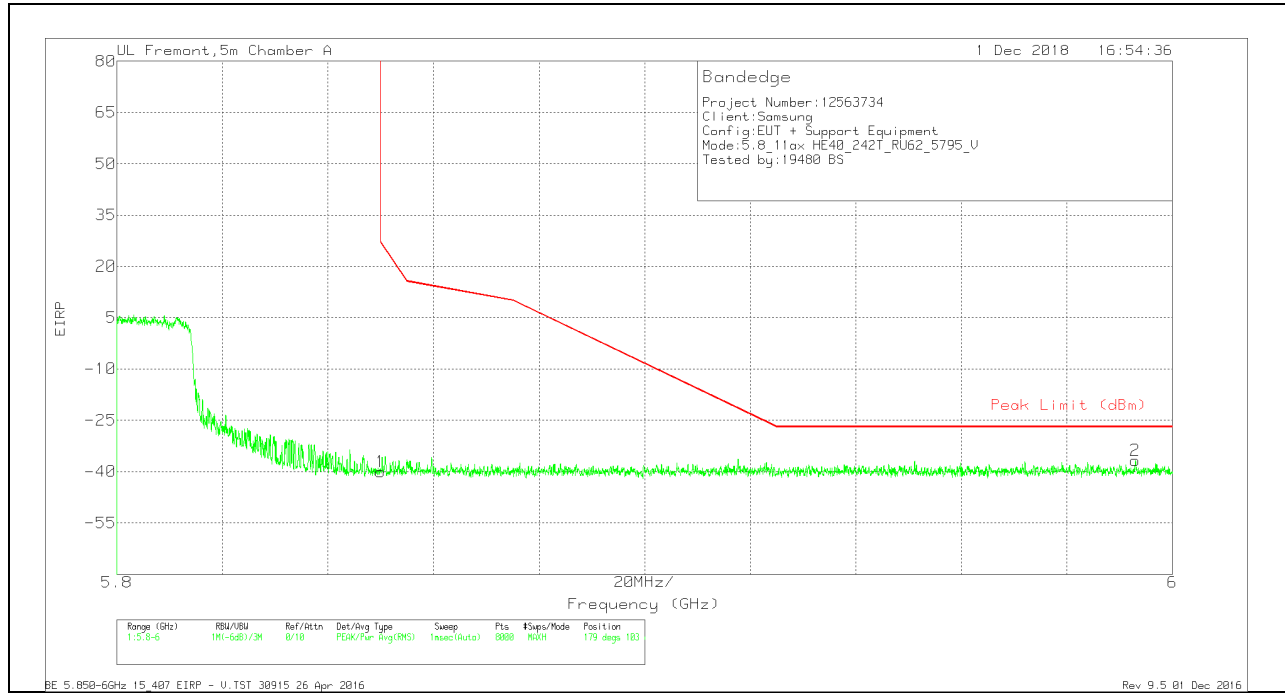


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-69.27	Pk	35.1	-16.5	11.8	-38.87	26.99	-65.86	341	107	H
2	5.989	-67.47	Pk	35.3	-16.1	11.8	-36.47	-27	-9.47	341	107	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

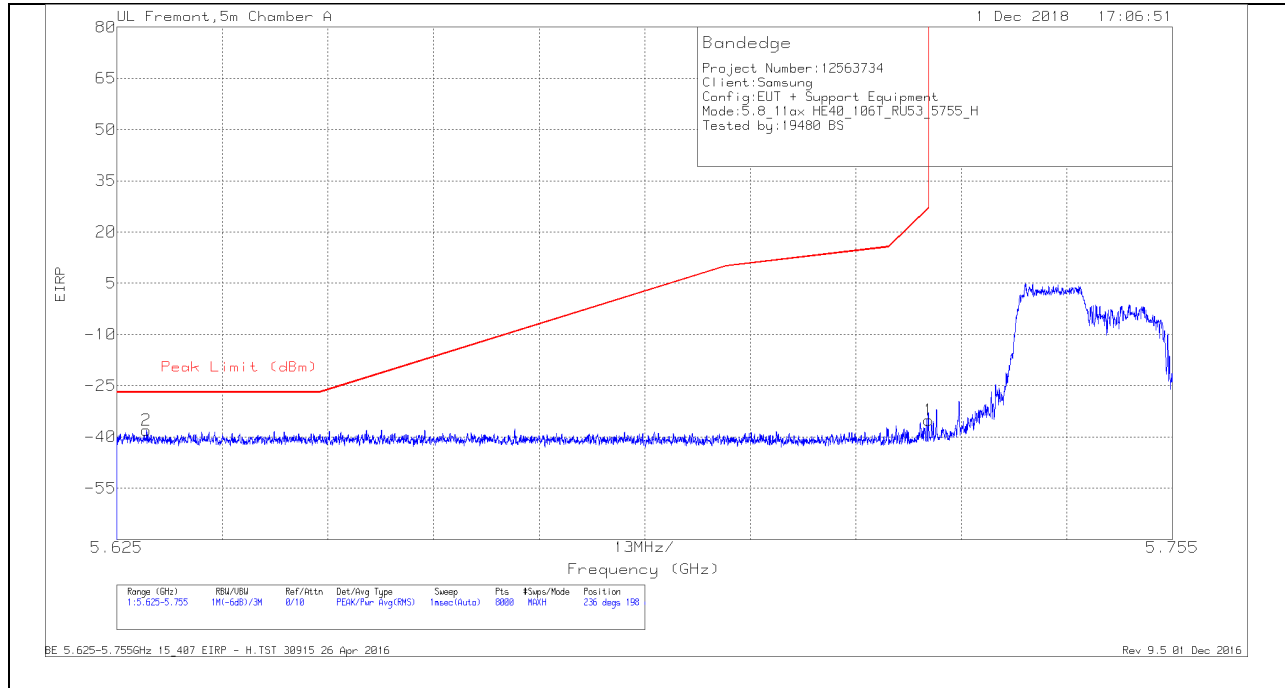
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Par d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-70.42	PK	35.1	-16.5	11.8	-40.02	26.99	-67.01	179	103	V
2	5.993	-67.57	PK	35.3	-16.2	11.8	-36.67	-27	-9.67	179	103	V

Pk - Peak detector

2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 53

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

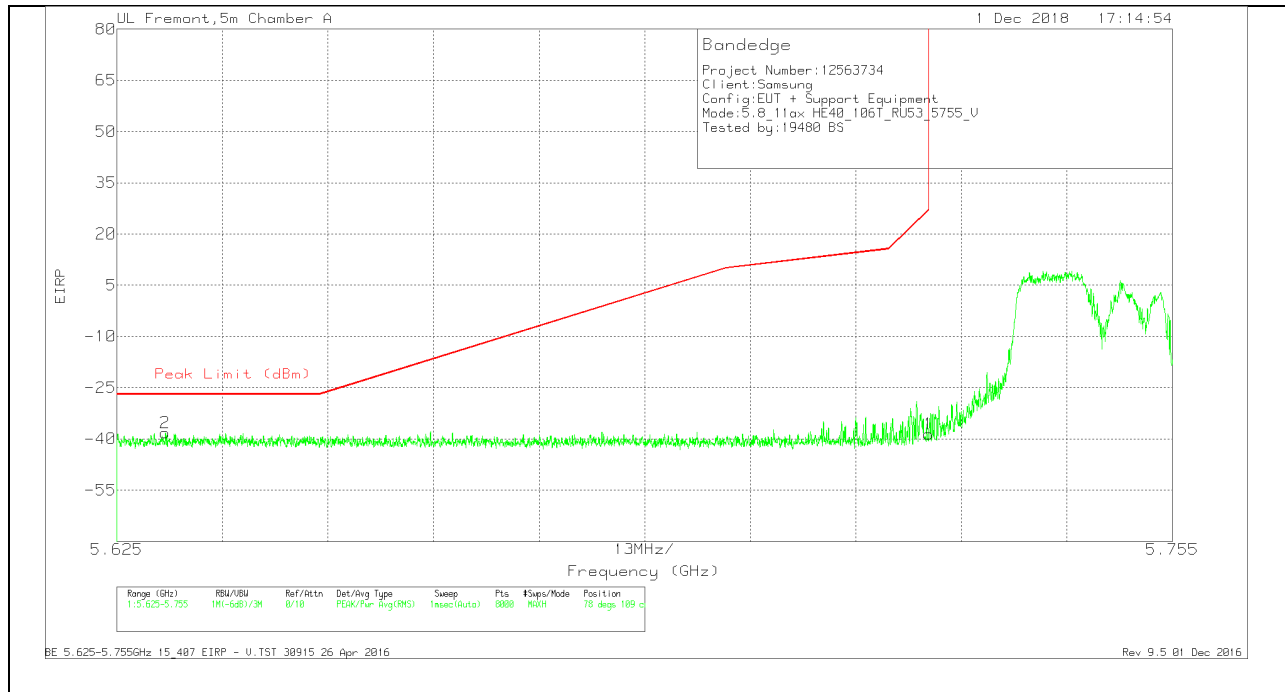


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.629	-67.91	PK	35.1	-17.1	11.8	-38.11	-27	-11.11	236	198	H
1	5.725	-65.01	PK	35	-16.9	11.8	-35.11	27	-62.11	236	198	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

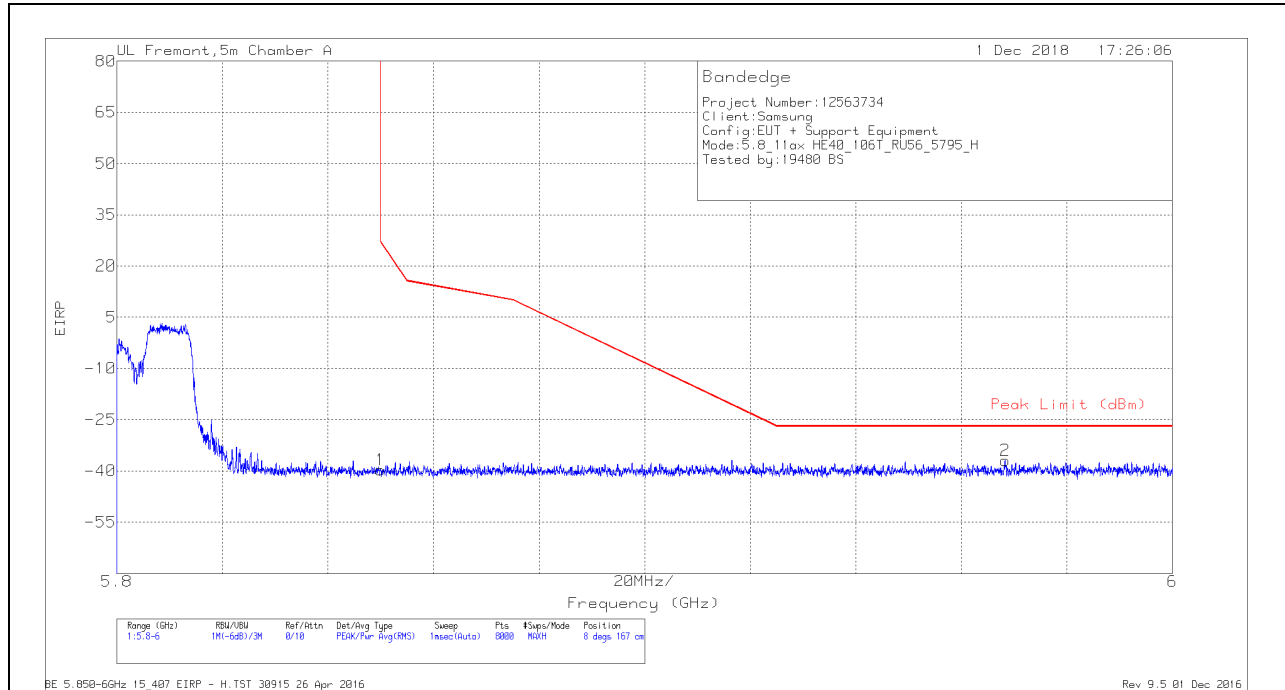
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.631	-67.98	PK	35.1	-17.1	11.8	-38.18	-27	-11.18	78	109	V
1	5.725	-68.56	PK	35	-16.9	11.8	-38.66	27	-65.66	78	109	V

Pk - Peak detector

2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 56

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

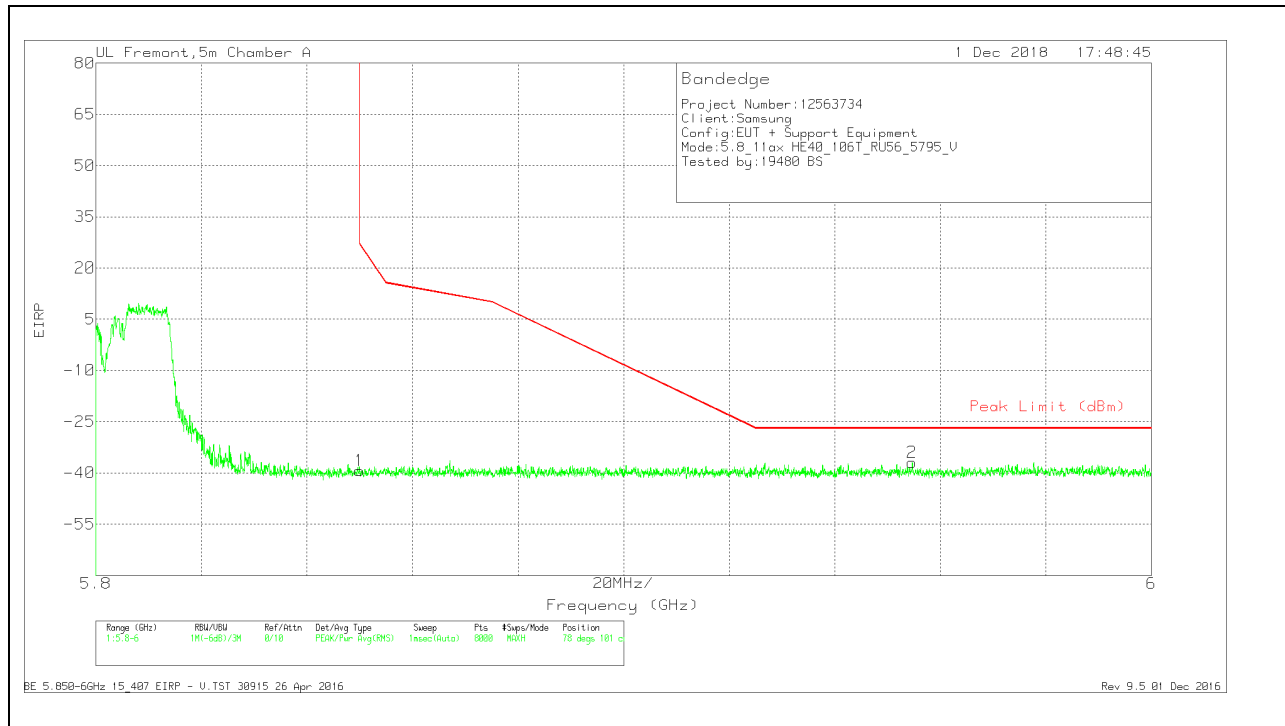


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-70.02	Pk	35.1	-16.5	11.8	-39.62	26.99	-66.61	8	167	H
2	5.968	-67.9	Pk	35.3	-16.2	11.8	-37	-27	-10	8	167	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

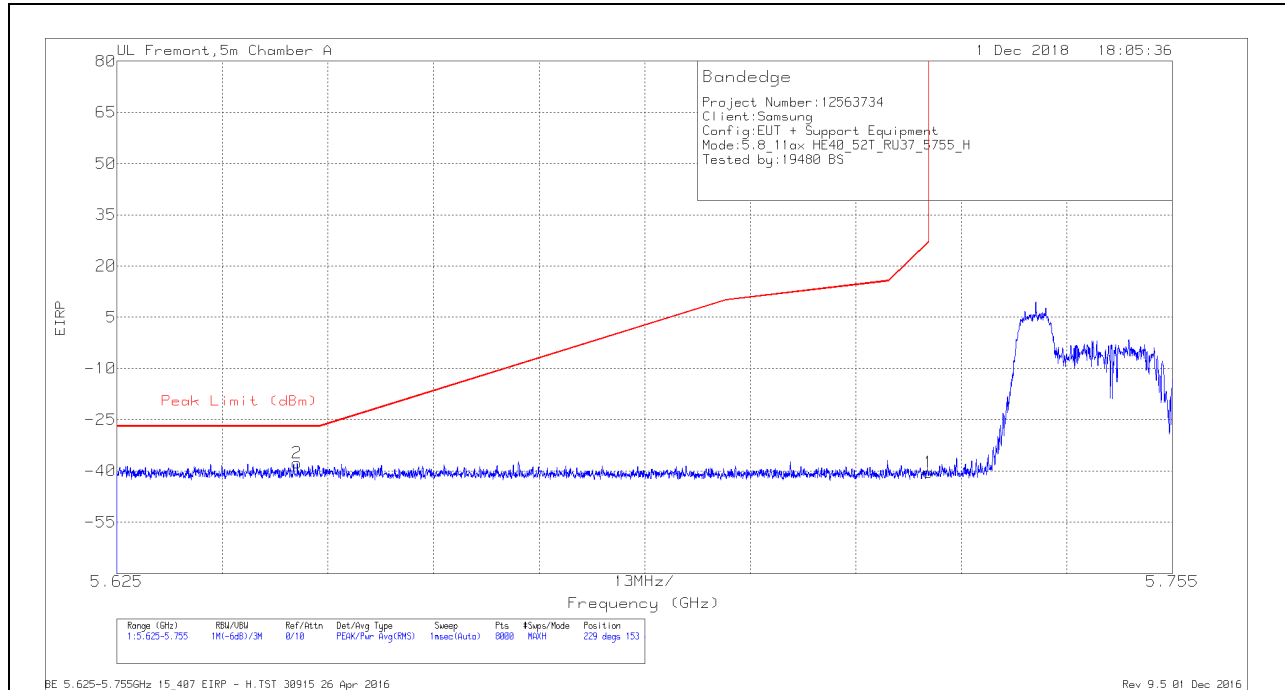
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-69.72	PK	35.1	-16.5	11.8	-39.32	26.99	-66.31	78	101	V
2	5.955	-67.67	PK	35.3	-16.3	11.8	-36.87	-27	-9.87	78	101	V

Pk - Peak detector

2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 37

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

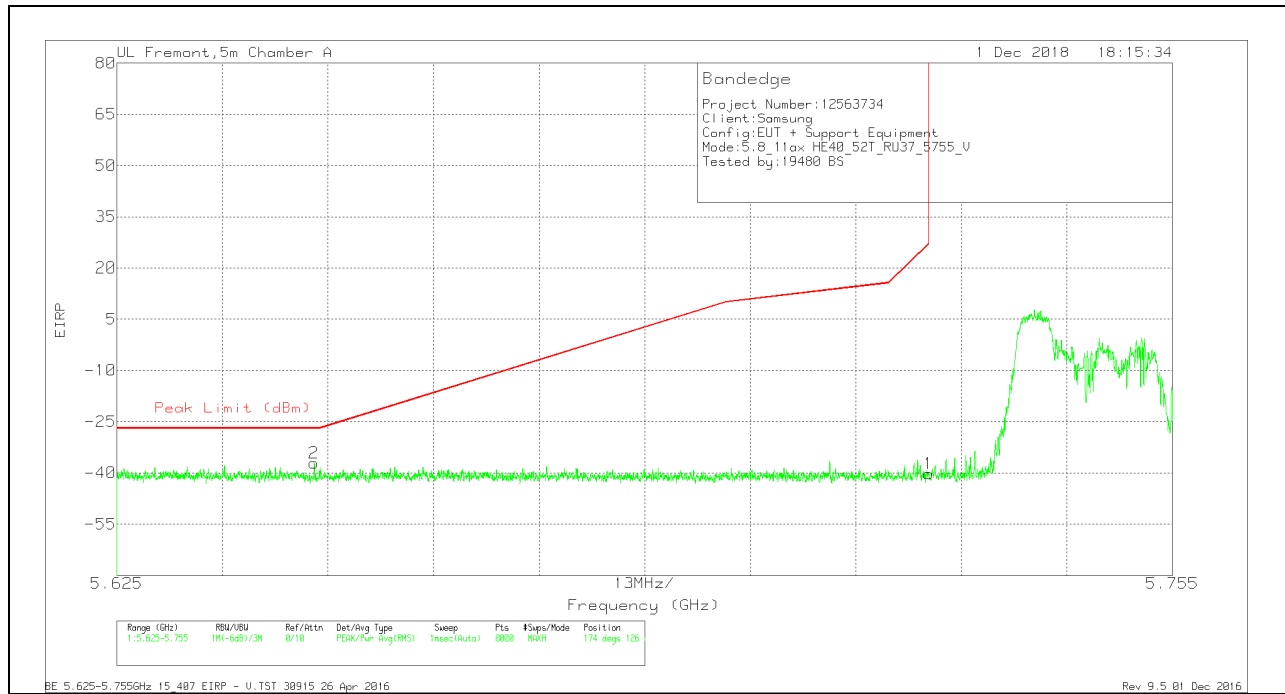


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.647	-67.52	Pk	35.1	-17.1	11.8	-37.72	-27	-10.72	229	153	H
1	5.725	-70.25	Pk	35	-16.9	11.8	-40.35	27	-67.35	229	153	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

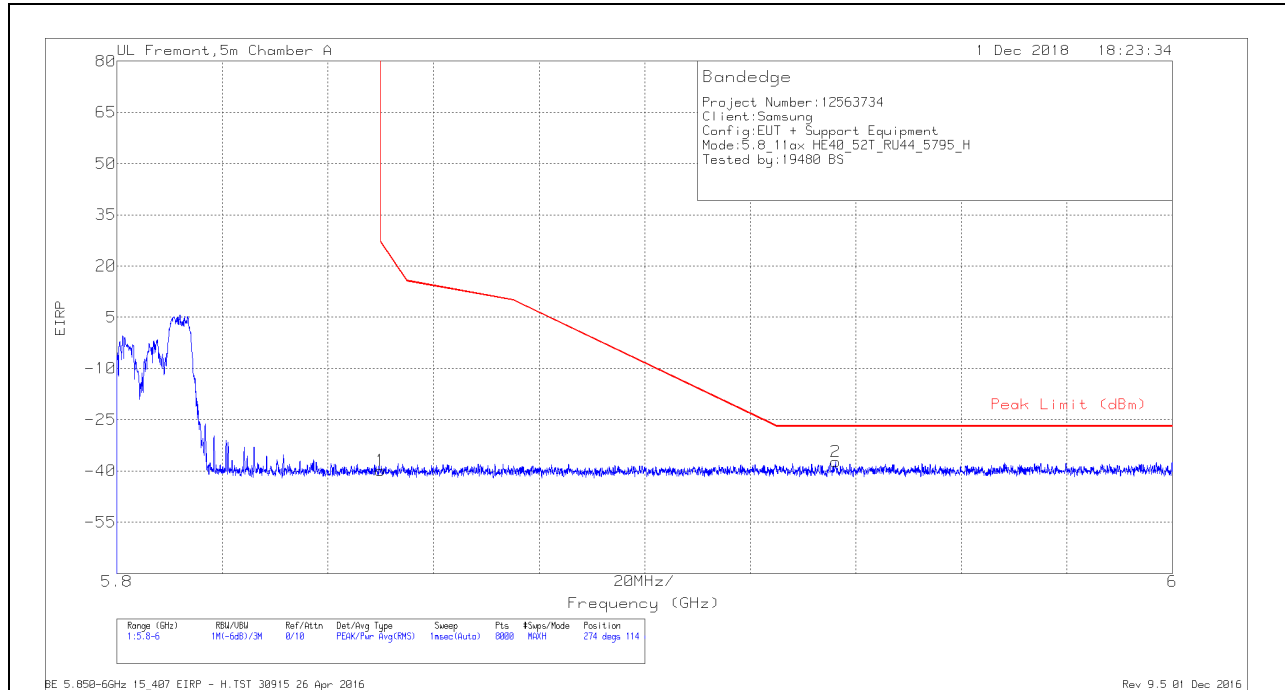
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cb/Filtr/Par d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.649	-66.89	Pk	35.1	-17.1	11.8	-37.09	-27	-10.09	174	126	V
1	5.725	-70.14	Pk	35	-16.9	11.8	-40.24	27	-67.24	174	126	V

Pk - Peak detector

2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 44

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

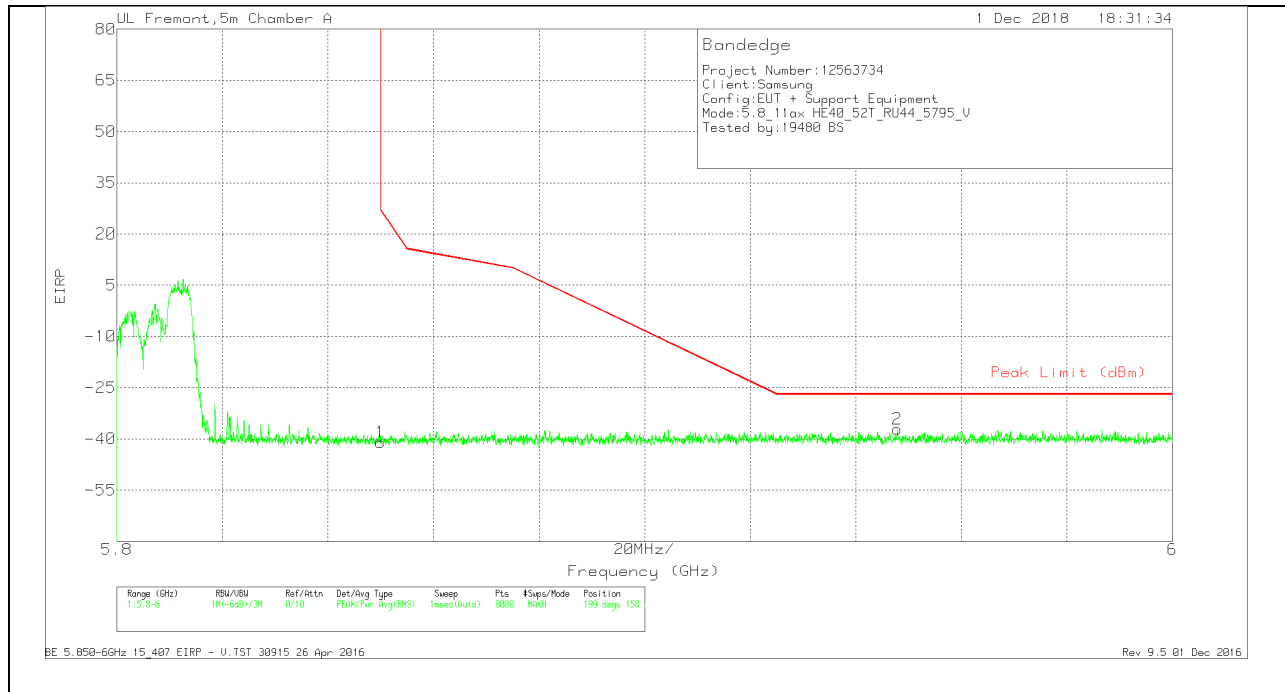


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-70.32	Pk	35.1	-16.5	11.8	-39.92	26.99	-66.91	274	114	H
2	5.936	-68.17	Pk	35.3	-16.3	11.8	-37.37	-27	-10.37	274	114	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

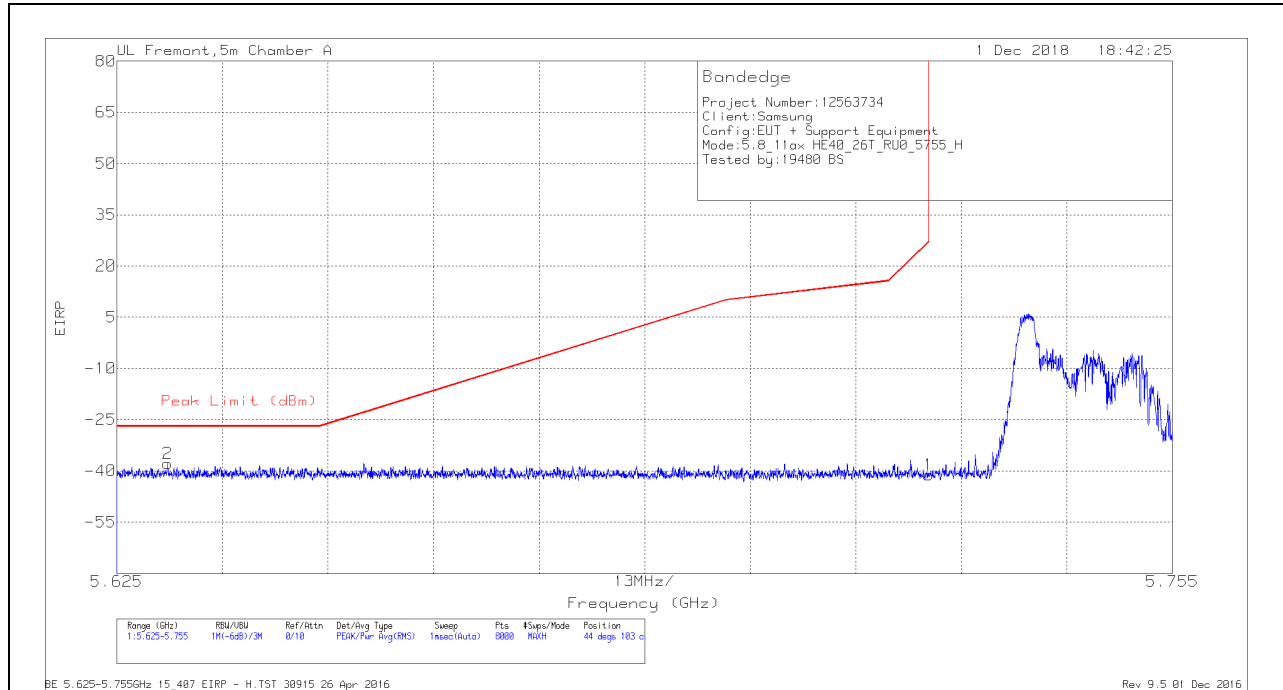
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Par d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-71.4	PK	35.1	-16.5	11.8	-41	26.99	-67.99	199	158	V
2	5.948	-67.96	PK	35.3	-16.3	11.8	-37.16	-27	-10.16	199	158	V

Pk - Peak detector

2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

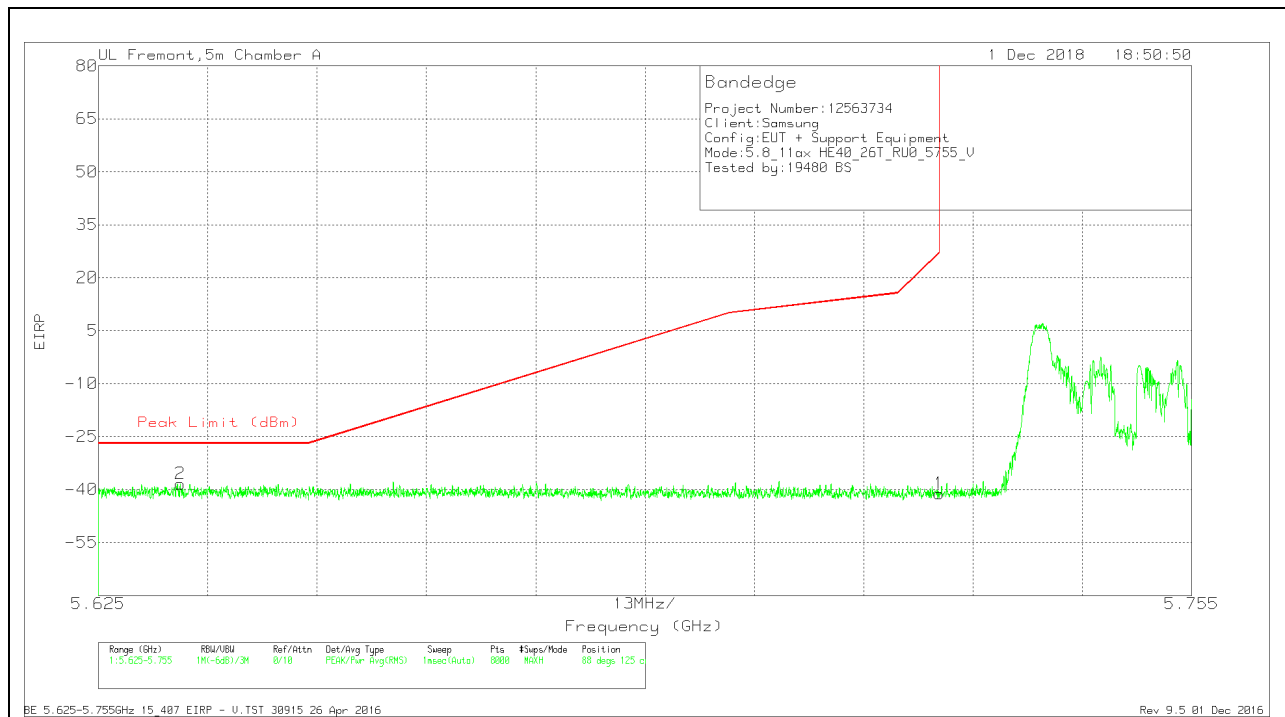


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.631	-67.64	PK	35.1	-17.1	11.8	-37.84	-27	-10.84	44	103	H
1	5.725	-71.14	PK	35	-16.9	11.8	-41.24	27	-68.24	44	103	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

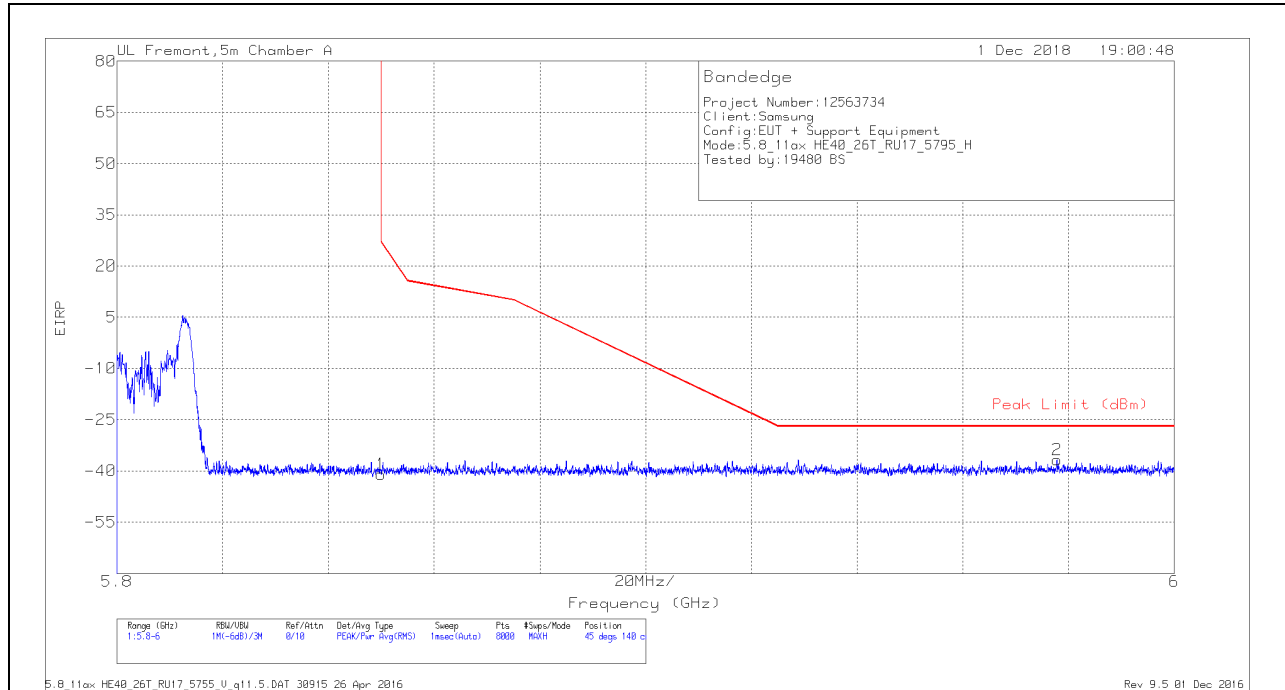
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.635	-68.18	Pk	35.1	-17.1	11.8	-38.38	-27	-11.38	88	125	V
1	5.725	-71.1	Pk	35	-16.9	11.8	-41.2	27	-68.2	88	125	V

Pk - Peak detector

2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 17

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

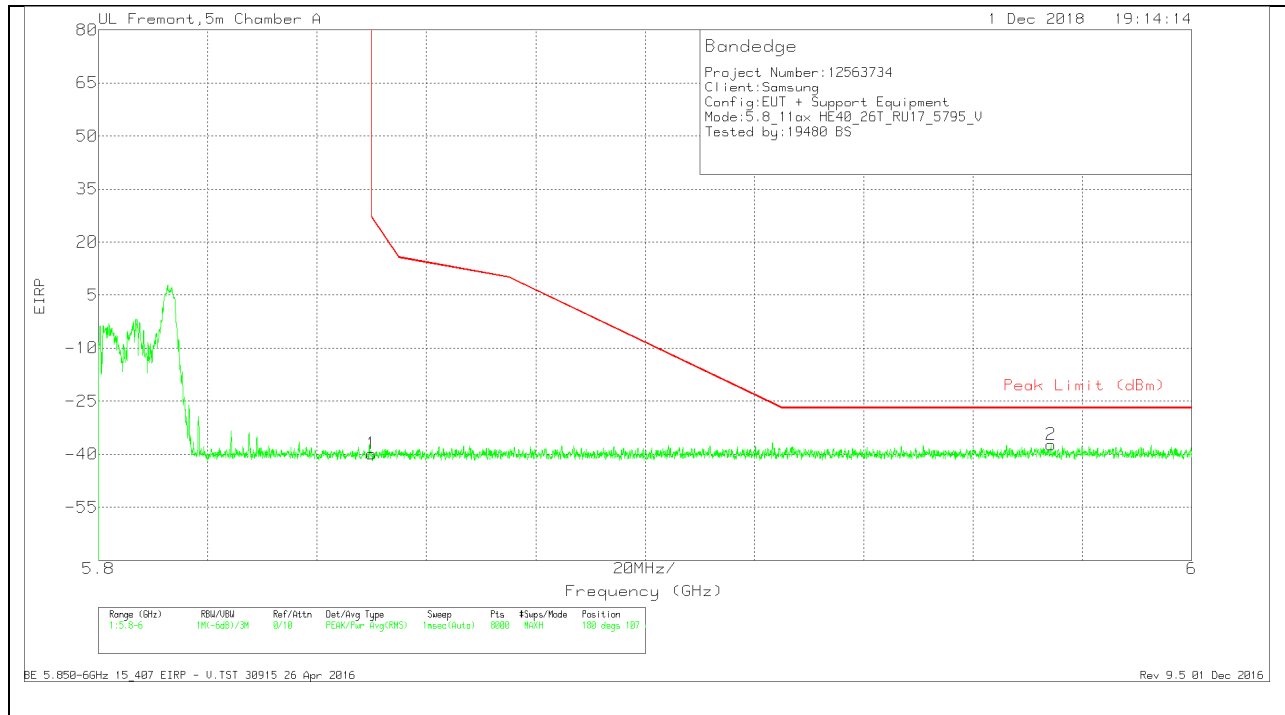


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-71.36	Pk	35.1	-16.5	11.8	-40.96	26.99	-67.95	45	140	H
2	5.978	-67.71	Pk	35.3	-16.1	11.8	-36.71	-27	-9.71	45	140	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

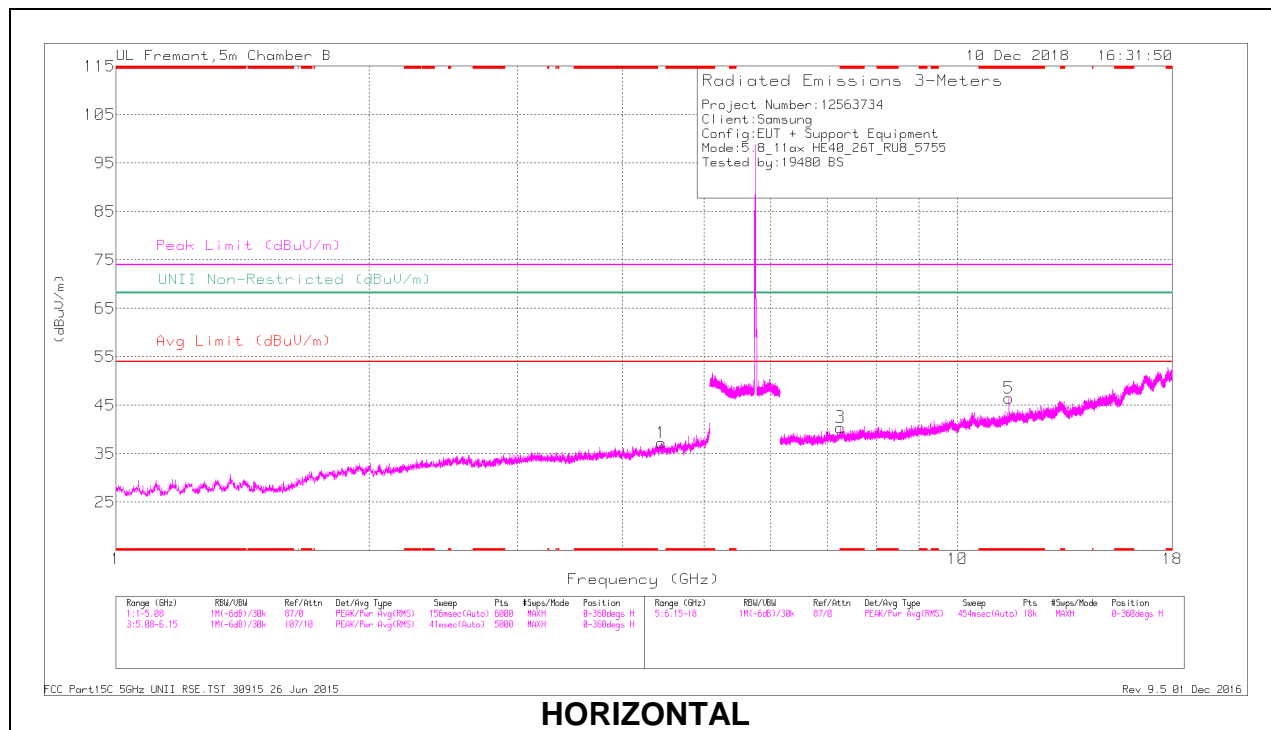
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-70.23	PK	35.1	-16.5	11.8	-39.83	26.99	-66.82	180	107	V
2	5.974	-68.36	PK	35.3	-16	11.8	-37.26	-27	-10.26	180	107	V

Pk - Peak detector

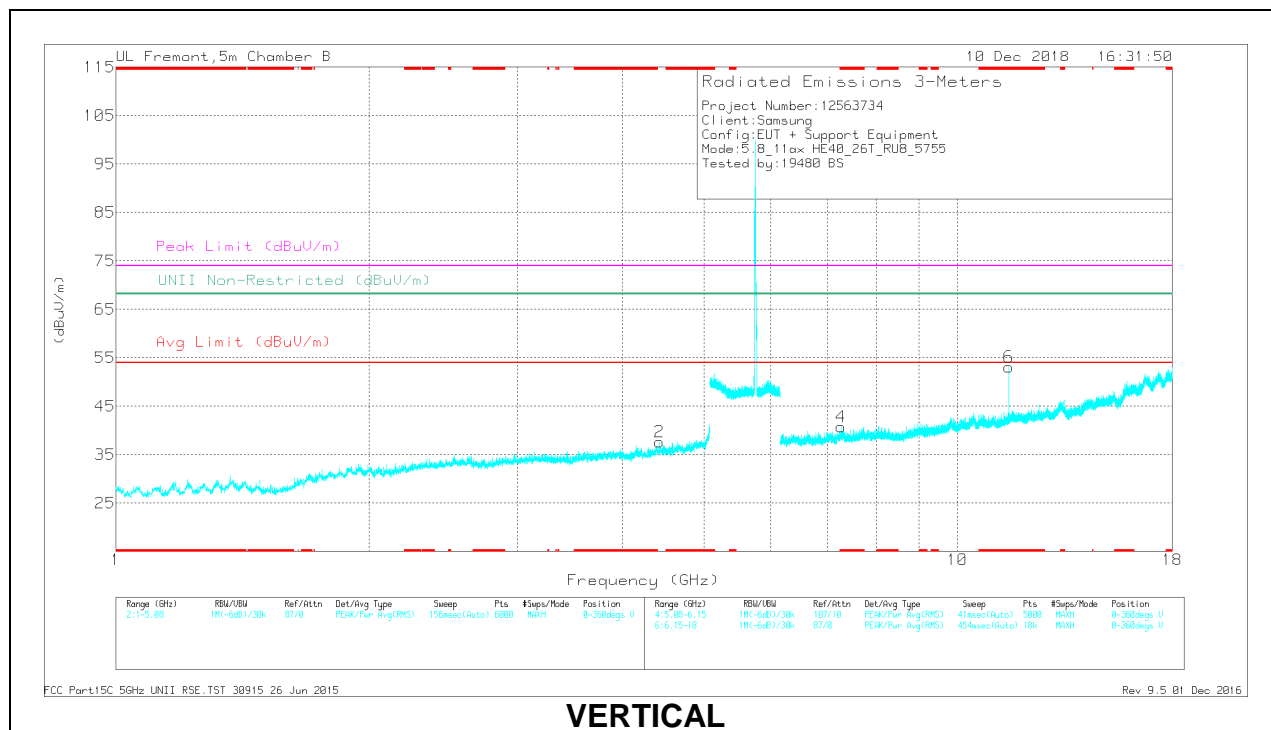
2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 8

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



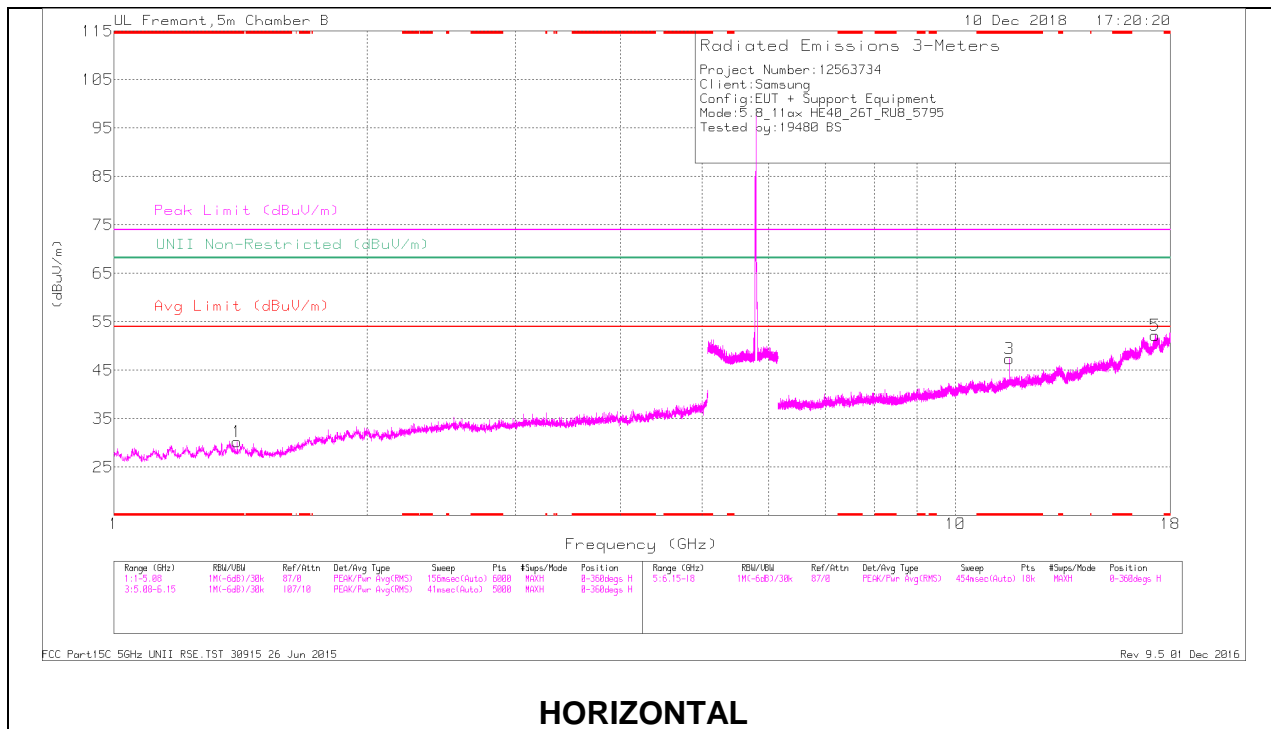
VERTICAL

RADIATED EMISSIONS

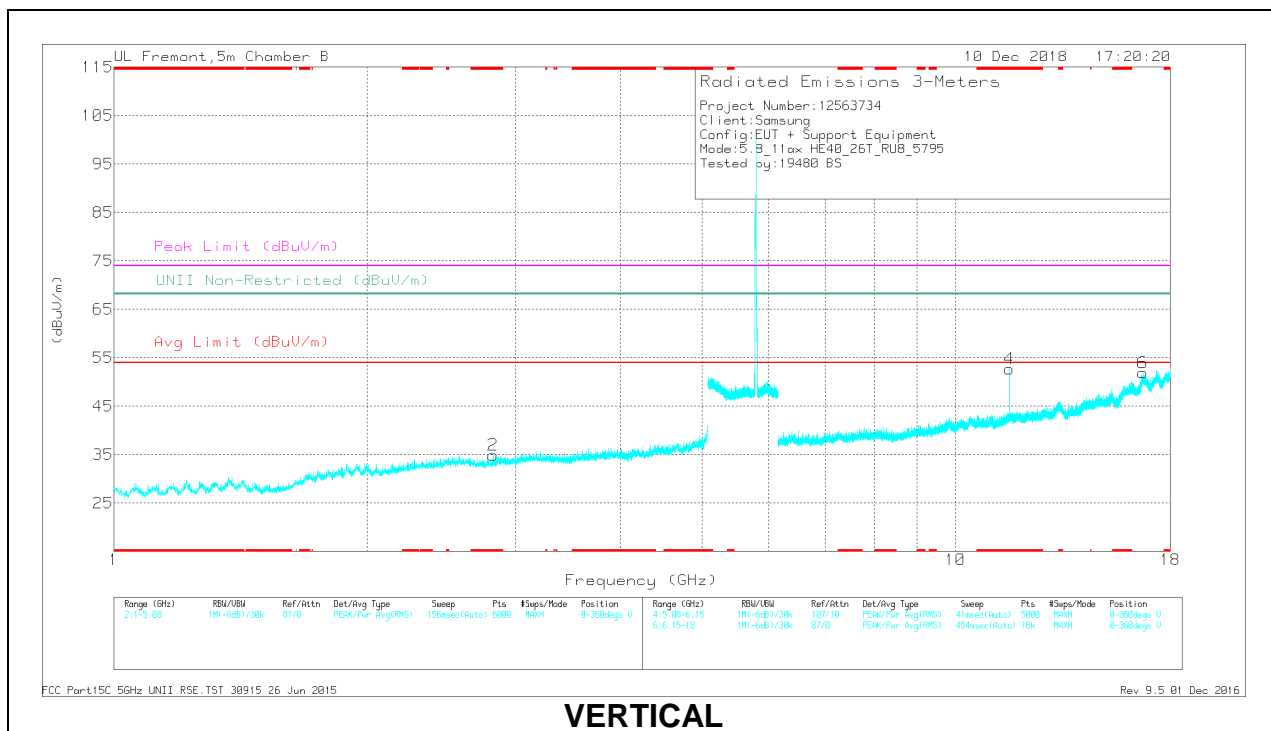
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Ch/Ftr/Fad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.508	40.19	PK-U	38.5	-22.4	0	56.29	-	-	74	-17.71	-	-	288	118	H
* 11.507	26.79	ADR	38.5	-22.4	.11	43	54	-11	-	-	-	-	288	118	H
* 7.263	36.27	PK-U	35.9	-25.6	0	46.57	-	-	74	-27.43	-	-	97	141	H
* 7.263	24.23	ADR	35.9	-25.6	.11	34.64	54	-19.36	-	-	-	-	97	141	H
* 11.508	47.18	PK-U	38.5	-22.4	0	63.28	-	-	74	-10.72	-	-	96	117	V
* 11.507	32.97	ADR	38.5	-22.4	.11	49.18	54	-4.82	-	-	-	-	96	117	V
* 7.27	35.22	PK-U	35.9	-25.6	0	45.52	-	-	74	-28.48	-	-	172	258	V
* 7.272	24.03	ADR	35.9	-25.5	.11	34.54	54	-19.46	-	-	-	-	172	258	V
4.429	38.85	PK-U	33.8	-29.2	0	43.45	-	-	-	-	68.2	-24.75	175	348	V
4.442	38.84	PK-U	33.8	-29.2	0	43.44	-	-	-	-	68.2	-24.76	283	400	H

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

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1863 (dB/m)	Amp/Ch/Flt/Fed (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)	Asimuth (Deg)	Height (cm)	Polarity
* 1.401	40.37	PK-U	28.5	-33.3	0	35.57	-	-	74	-38.43	-	-	272	327	H
* 1.401	28.32	ADR	28.5	-33.3	.11	23.63	54	-30.37	-	-	-	-	272	327	H
* 2.82	40.75	PK-U	32.5	-32.1	0	41.15	-	-	74	-32.85	-	-	34	361	V
* 2.821	28.4	ADR	32.5	-32.1	.11	28.91	54	-25.09	-	-	-	-	34	361	V
* 11.587	40.65	PK-U	38.6	-21.7	0	57.55	-	-	74	-16.45	-	-	293	116	H
* 11.587	26.04	ADR	38.6	-21.7	.11	43.05	54	-10.95	-	-	-	-	293	116	H
* 11.588	46.88	PK-U	38.6	-21.7	0	63.78	-	-	74	-10.22	-	-	95	111	V
* 11.588	31.52	ADR	38.6	-21.7	.11	48.53	54	-5.47	-	-	-	-	95	111	V
16.699	30.75	PK-U	44.4	-17.7	0	57.45	-	-	-	-	68.2	-10.75	166	164	V
17.261	31.17	PK-U	44.4	-18.2	0	57.37	-	-	-	-	68.2	-10.83	145	295	H

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

PK-U - U-NII: Maximum Peak

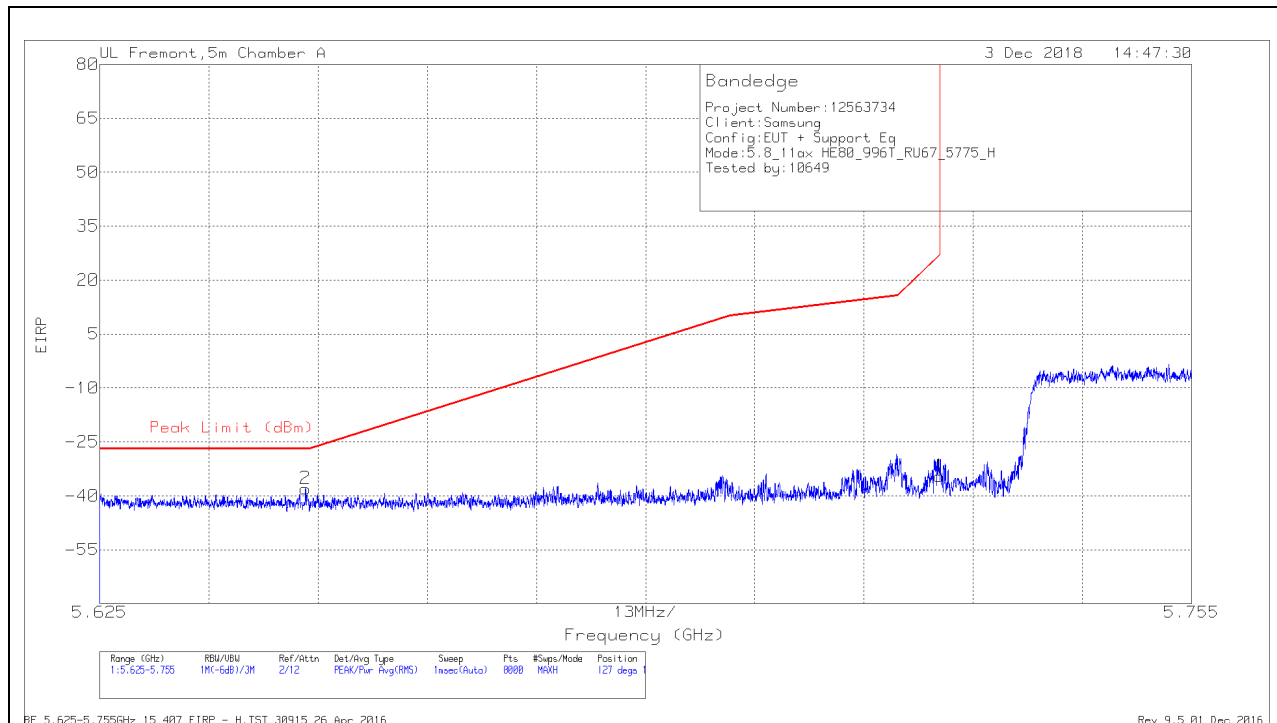
ADR - U-NII AD primary method, RMS average

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

2TX Antenna 1 + Antenna 2 OFDMA MODE – 996-Tones, RU Index 67

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT



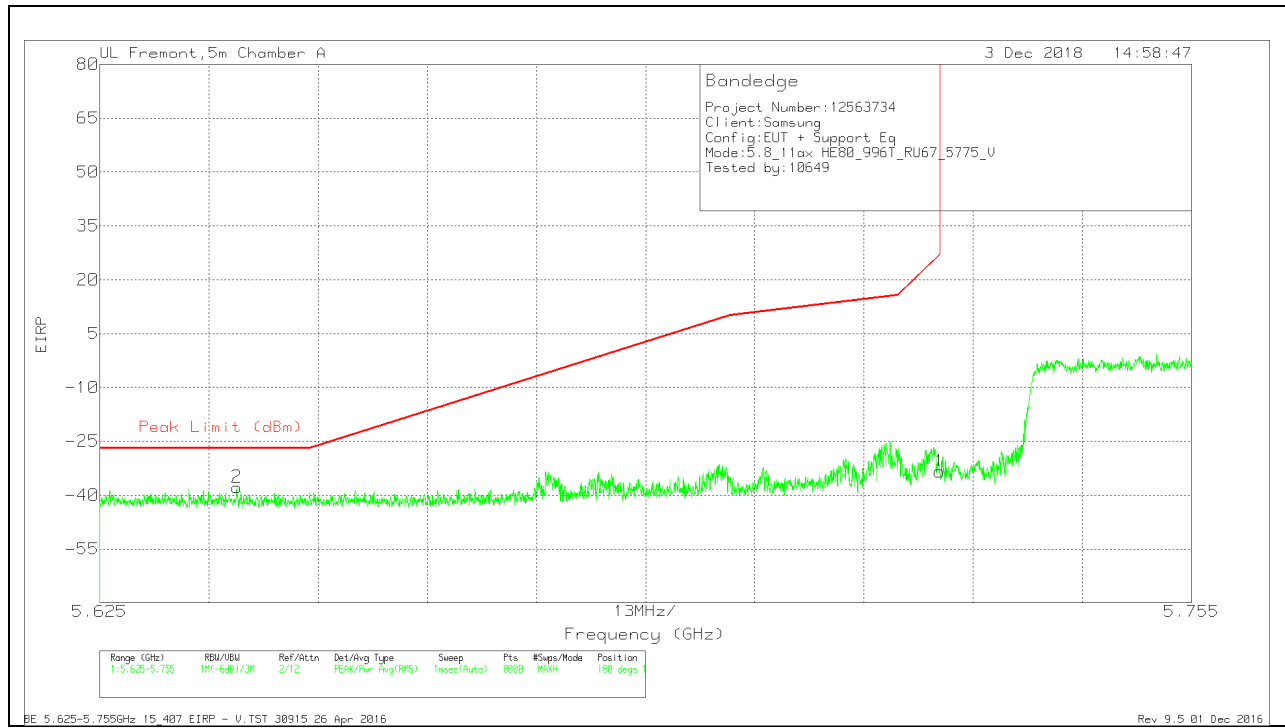
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.65	-66.8	Pk	35.1	-18.1	11.8	-38	-27	-11	127	146	H
1	5.725	-63.25	Pk	35	-18.1	11.8	-34.55	27	-61.55	127	146	H

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

Pk - Peak detector

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.641	-66.62	PK	35.1	-18.1	11.8	-37.82	-27	-10.82	180	117	V
1	5.725	-62.12	PK	35	-18.1	11.8	-33.42	27	-60.42	180	117	V

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

BANEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT



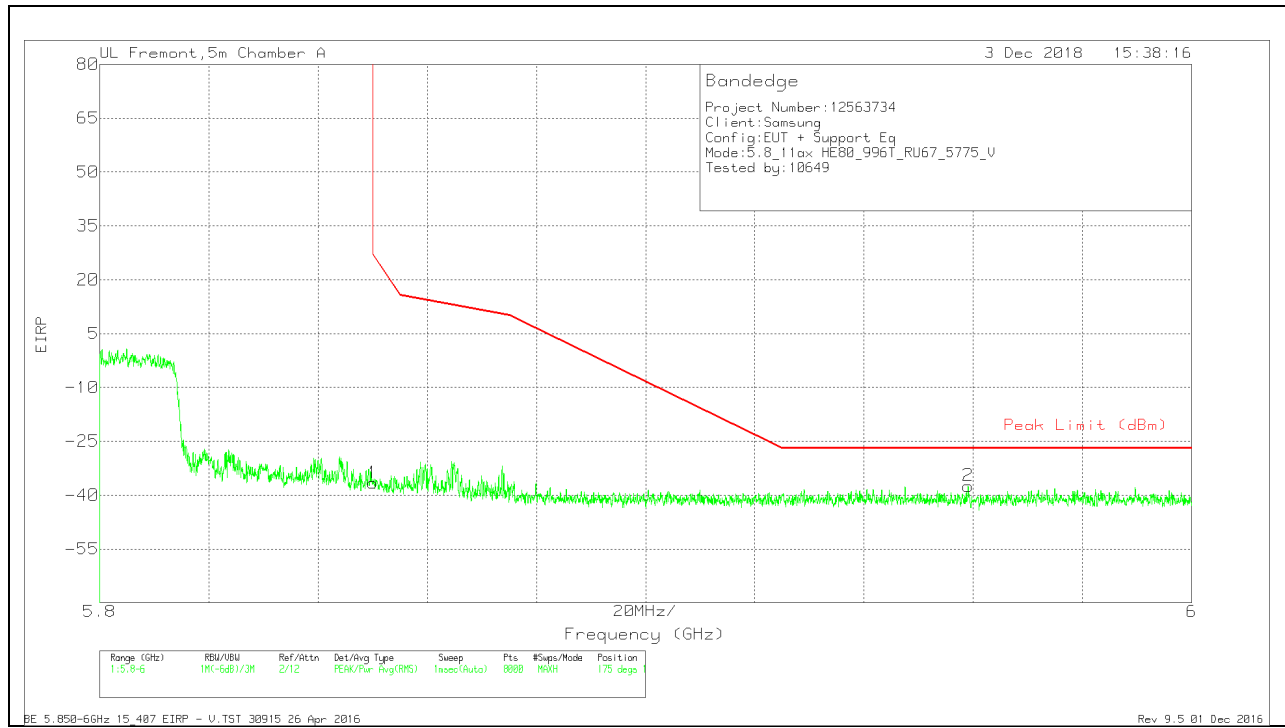
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-66.34	Pk	35.1	-18	11.8	-37.44	26.99	-64.43	66	103	H
2	5.977	-66.75	Pk	35.3	-17.5	11.8	-37.15	-27	-10.15	66	103	H

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

Pk - Peak detector

VERTICAL RESULT



Trace Markers

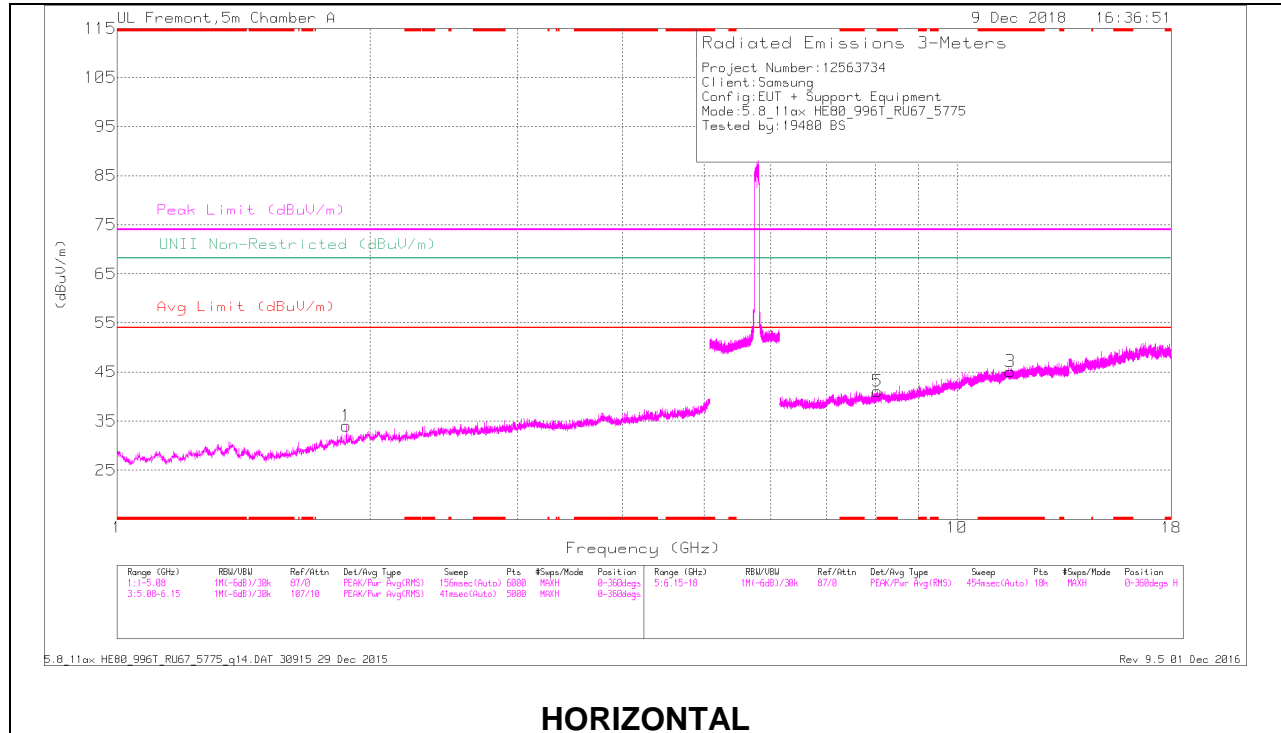
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-65.5	PK	35.1	-18	11.8	-36.6	26.99	-63.59	175	105	V
2	5.959	-66.82	PK	35.3	-17.7	11.8	-37.42	-27	-10.42	175	105	V

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

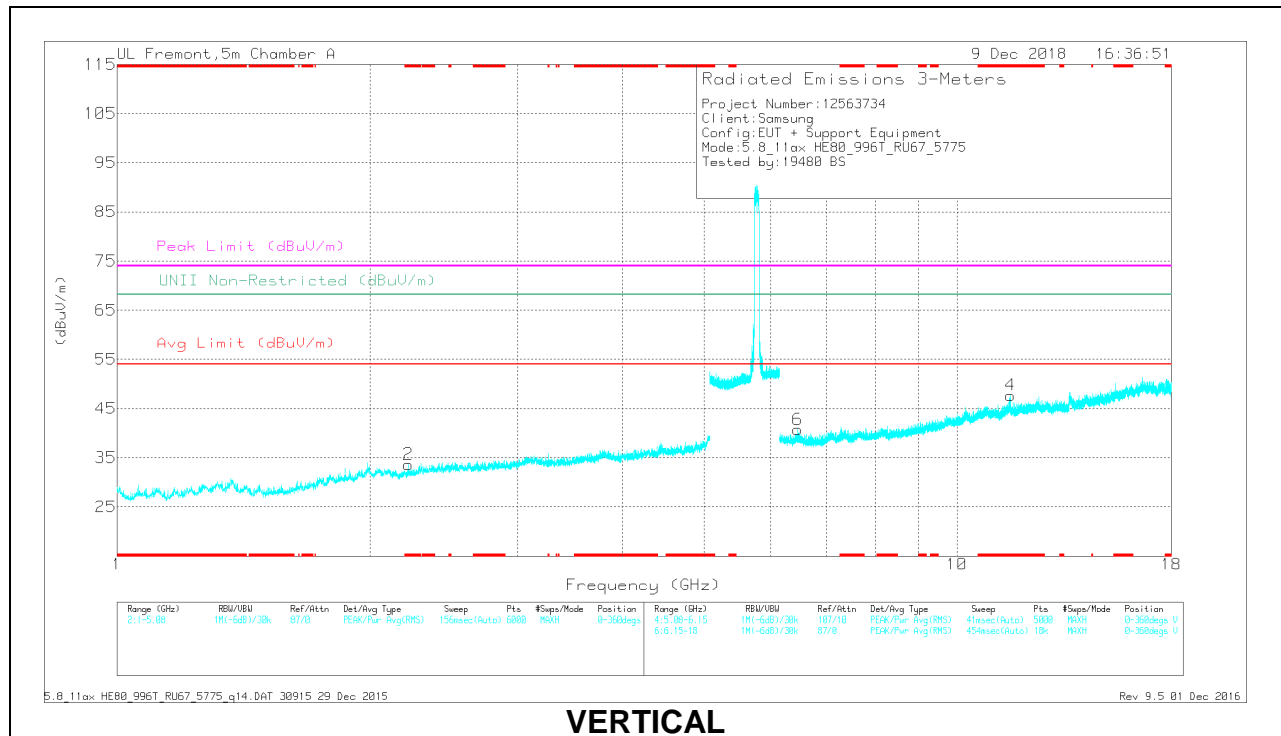
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Ch/Ftr/Fed (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)	Asimuth (Deg)	Height (cm)	Polarity
* 2.221	38.75	PK-U	31.6	-31	0	39.35	-	-	74	-34.65	-	-	314	148	V
* 2.221	26.51	ADR	31.6	-31	1.89	29	54	-25	-	-	-	-	314	148	V
* 11.595	31.89	PK-U	38.3	-18.5	0	51.69	-	-	74	-22.31	-	-	157	128	H
* 11.532	20.09	ADR	38.2	-18.5	1.89	41.68	54	-12.32	-	-	-	-	157	128	H
* 8.042	32.9	PK-U	35.9	-22.2	0	46.6	-	-	74	-27.4	-	-	137	135	H
* 8.04	21.3	ADR	35.9	-22.1	1.89	36.99	54	-17.01	-	-	-	-	137	135	H
* 11.566	34.88	PK-U	38.3	-18.7	0	54.48	-	-	74	-19.52	-	-	109	103	V
* 11.561	22.23	ADR	38.3	-18.7	1.89	43.72	54	-10.28	-	-	-	-	109	103	V
1.877	42.25	PK-U	30.9	-31.5	0	41.65	-	-	-	-	68.2	-26.55	83	113	H
6.462	34.32	PK-U	35.5	-23	0	46.82	-	-	-	-	68.2	-21.38	64	367	V

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

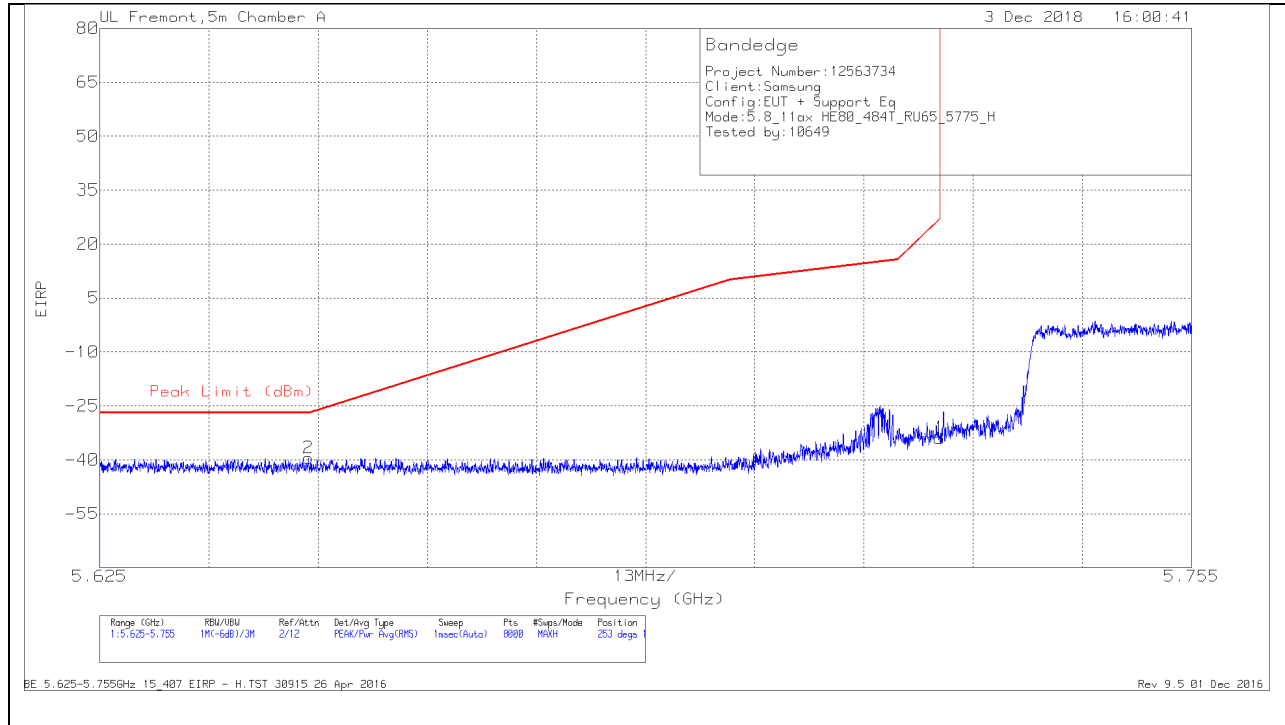
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX Antenna 1 + Antenna 2 OFDMA MODE – 484-Tones, RU Index 65

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT

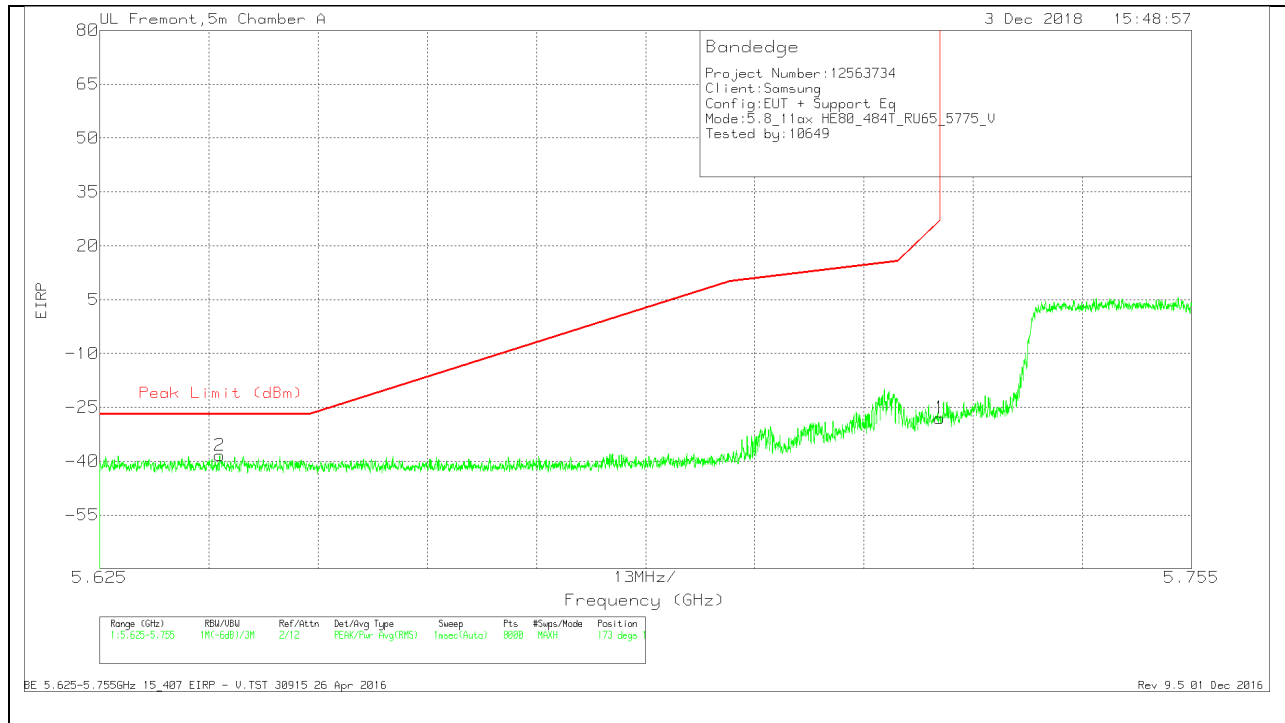


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.65	-68.29	Pk	35.1	-18.1	11.8	-39.49	-27	-12.49	253	102	H
1	5.725	-62.72	Pk	35	-18.1	11.8	-34.02	27	-61.02	253	102	H

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

VERTICAL RESULT



Trace Markers

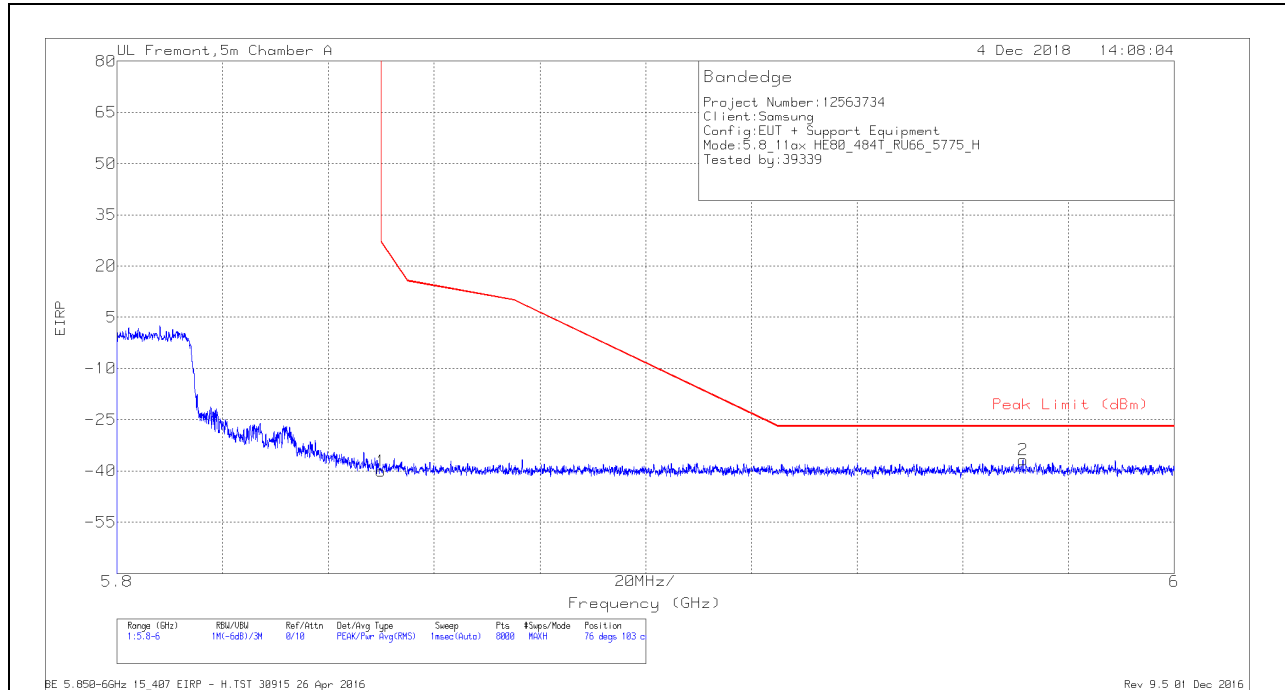
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.639	-67.25	PK	35.1	-18.1	11.8	-38.45	-27	-11.45	173	104	V
1	5.725	-56.71	PK	35	-18.1	11.8	-28.01	27	-55.01	173	104	V

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

2TX Antenna 1 + Antenna 2 OFDMA MODE – 484-Tones, RU Index 66

BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT



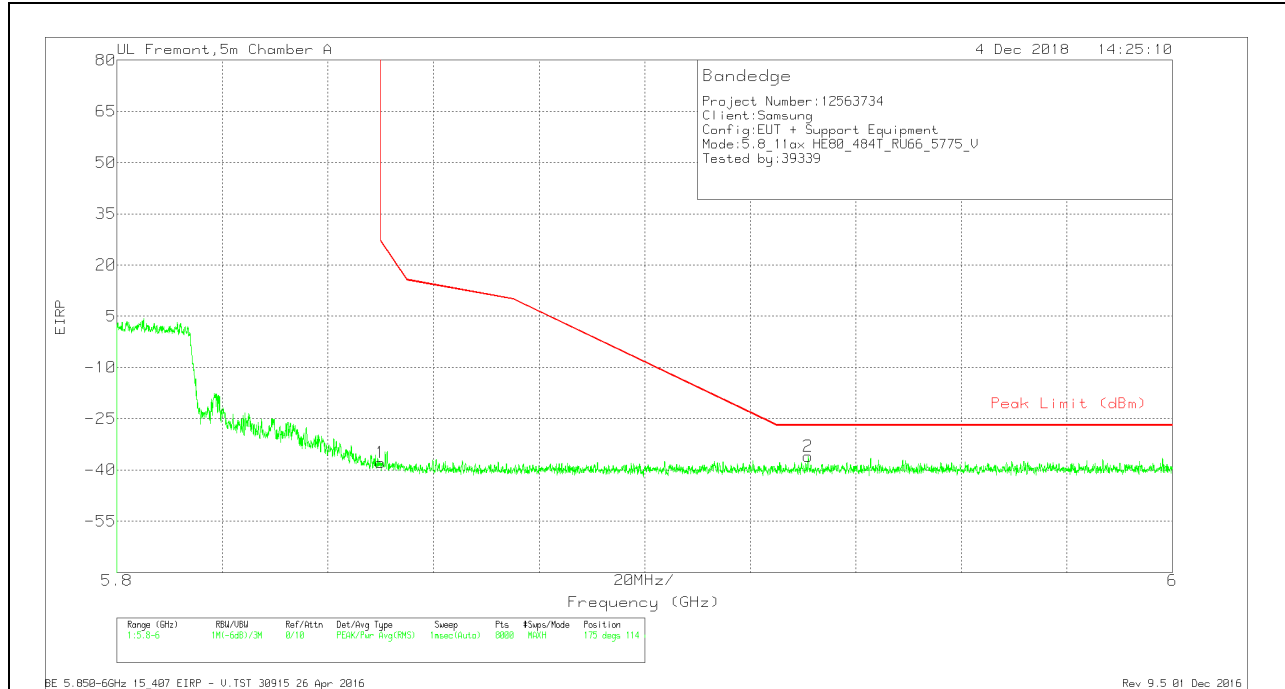
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT345 (dB/m)	Amp/Cb/Fltr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-70.45	Pk	35.1	-16.5	11.8	0	-40.05	26.99	-67.04	76	103	H
2	5.971	-67.71	Pk	35.3	-16.1	11.8	0	-36.71	-27	-9.71	76	103	H

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

Pk - Peak detector

VERTICAL RESULT



Trace Markers

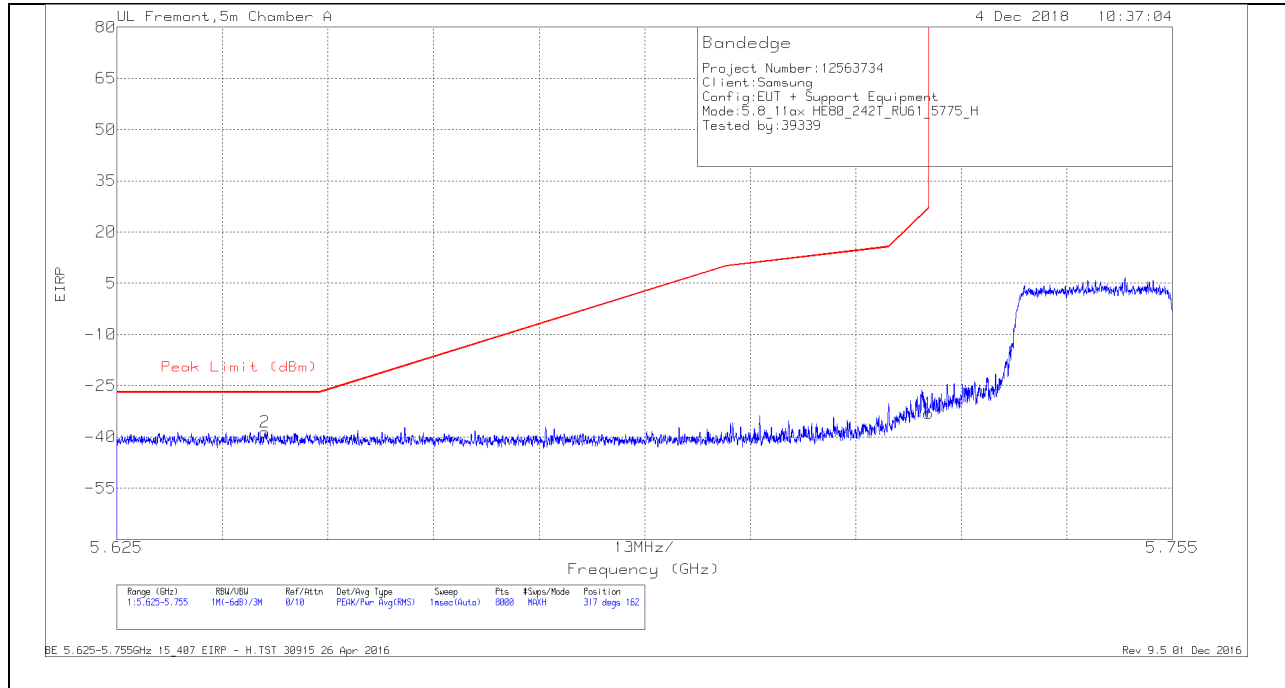
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT345 (dB/m)	Amp/Cb/Fitr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.2	Pk	35.1	-16.5	11.8	0	-37.8	26.99	-64.79	175	114	V
2	5.931	-66.72	Pk	35.2	-16.3	11.8	0	-36.02	-27	-9.02	175	114	V

Pk - Peak detector

2TX Antenna 1 + Antenna 2 OFDMA MODE – 242-Tones, RU Index 61

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT



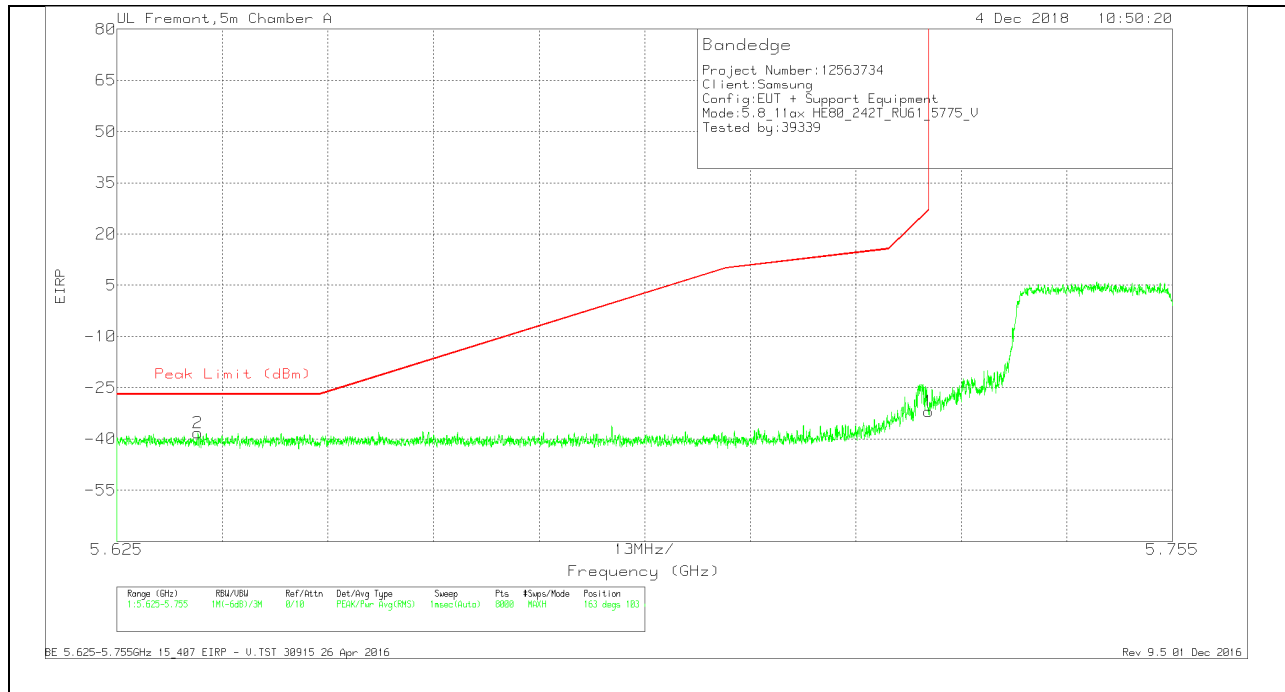
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT345 (dB/m)	Amp/Cb/Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.643	-68.27	Pk	35	-17.1	11.8	0	-38.57	-27	-11.57	317	162	H
1	5.725	-62.95	Pk	35	-16.9	11.8	0	-33.05	27	-60.05	317	162	H

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

Pk - Peak detector

VERTICAL RESULT



Trace Markers

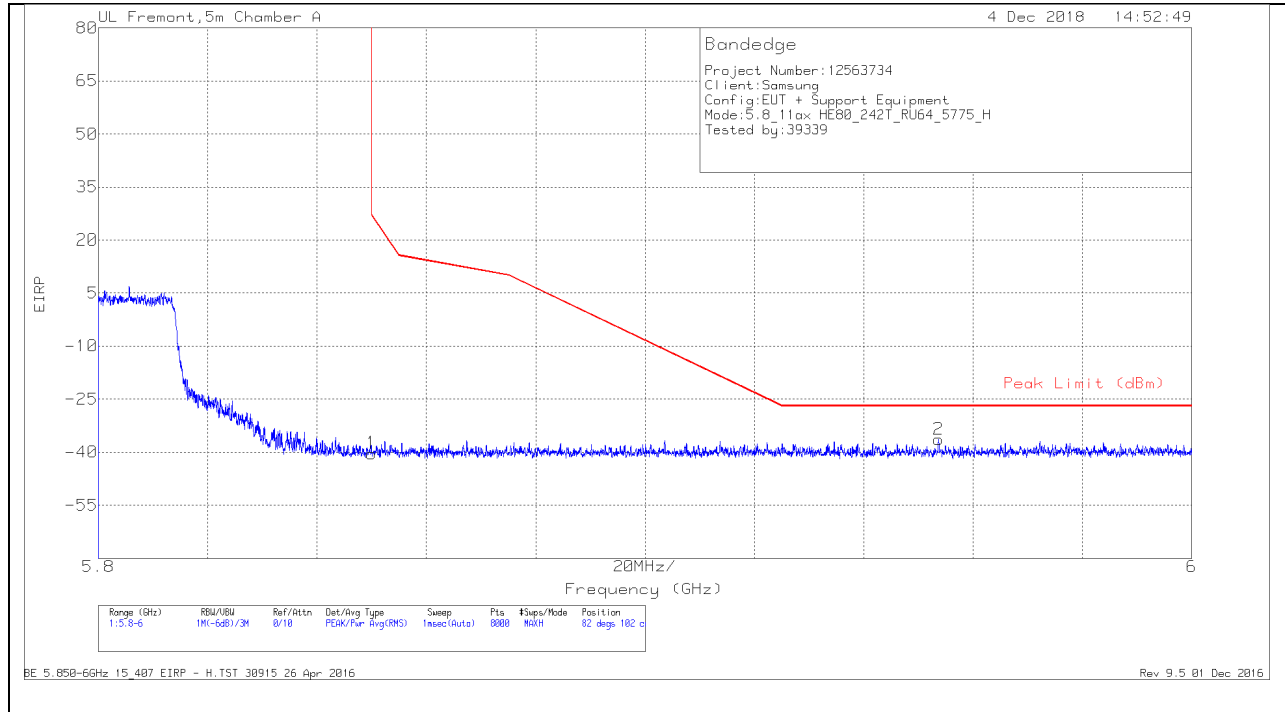
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT345 (dB/m)	Amp/Cb/Fitr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.635	-67.9	Pk	35	-17.1	11.8	0	-38.2	-27	-11.2	163	103	V
1	5.725	-61.84	Pk	35	-16.9	11.8	0	-31.94	27	-58.94	163	103	V

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

2TX Antenna 1 + Antenna 2 OFDMA MODE – 242-Tones, RU Index 64

BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT

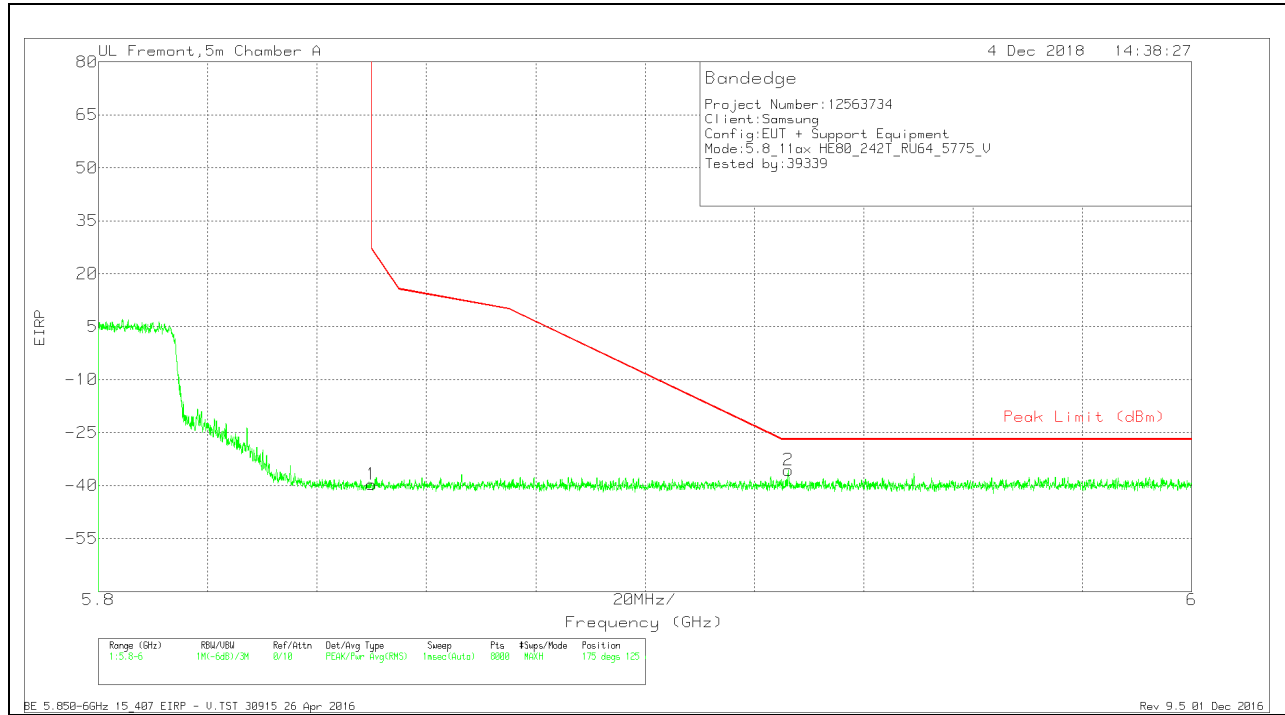


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (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	5.85	-70.74	Pk	35.1	-16.5	11.8	0	-40.34	26.99	-67.33	82	102	H
2	5.954	-67.19	Pk	35.3	-16.3	11.8	0	-36.39	-27	-9.39	82	102	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

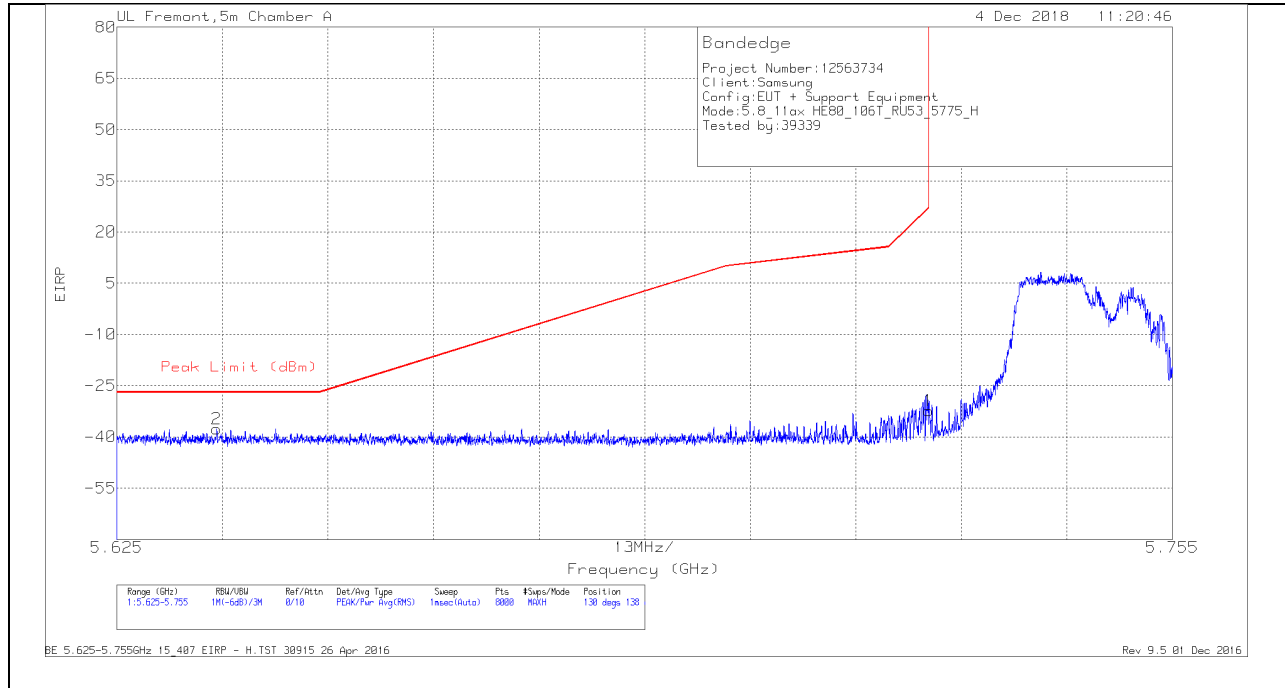
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/Cb/Ftr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-70.04	Pk	35.1	-16.5	11.8	0	-39.64	26.99	-66.63	175	125	V
2	5.926	-66.35	Pk	35.2	-16.3	11.8	0	-35.65	-27	-8.65	175	125	V

Pk - Peak detector

2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 53

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT



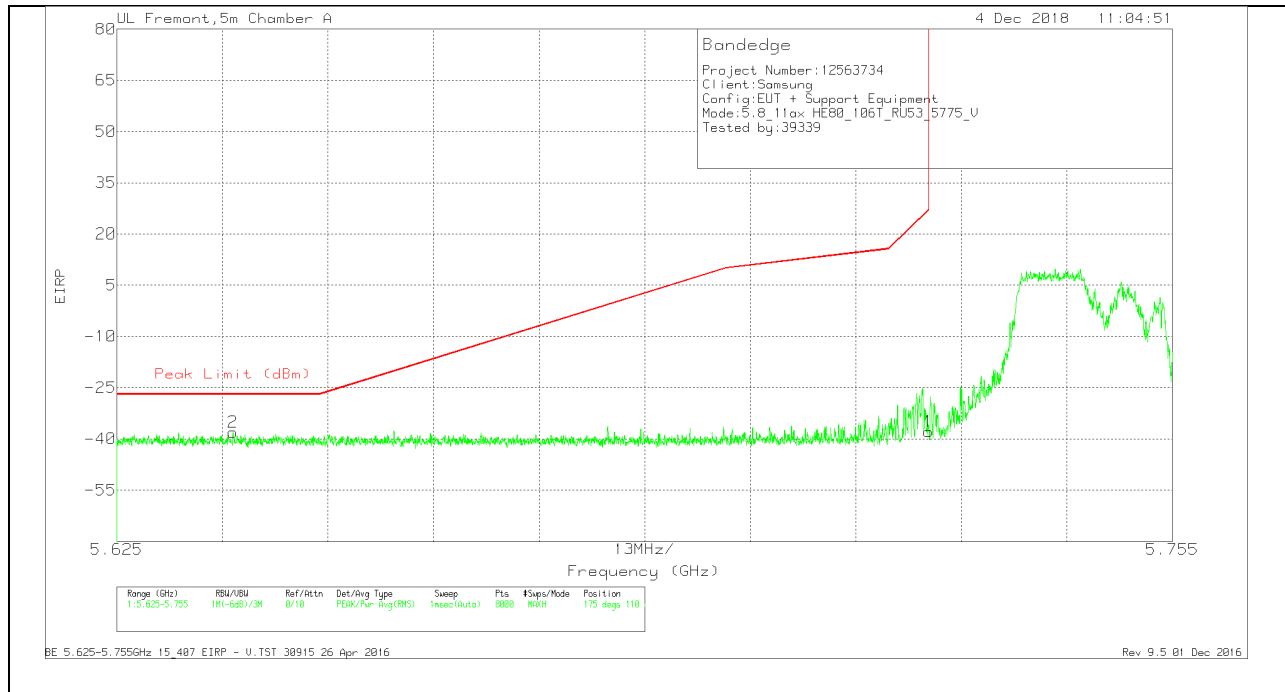
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT345 (dB/m)	Amp/Cb/Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.637	-67.29	Pk	35	-17.1	11.8	0	-37.59	-27	-10.59	130	138	H
1	5.725	-62.3	Pk	35	-16.9	11.8	0	-32.4	27	-59.4	130	138	H

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

Pk - Peak detector

VERTICAL RESULT



Trace Markers

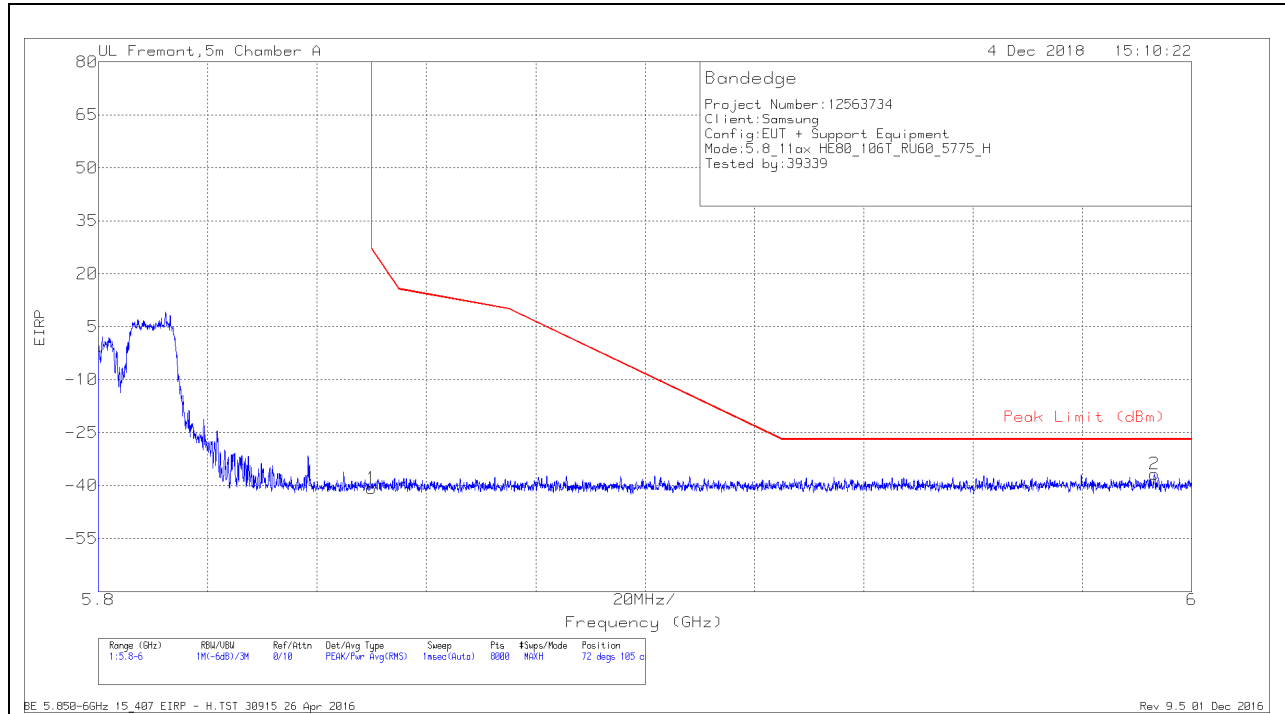
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT345 (dB/m)	Amp/Cb/Filt/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.639	-67.67	Pk	35	-17.1	11.8	0	-37.97	-27	-10.97	175	110	V
1	5.725	-67.68	Pk	35	-16.9	11.8	0	-37.78	27	-64.78	175	110	V

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

2TX Antenna 1 + Antenna 2 OFDMA MODE – 106-Tones, RU Index 60

BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT

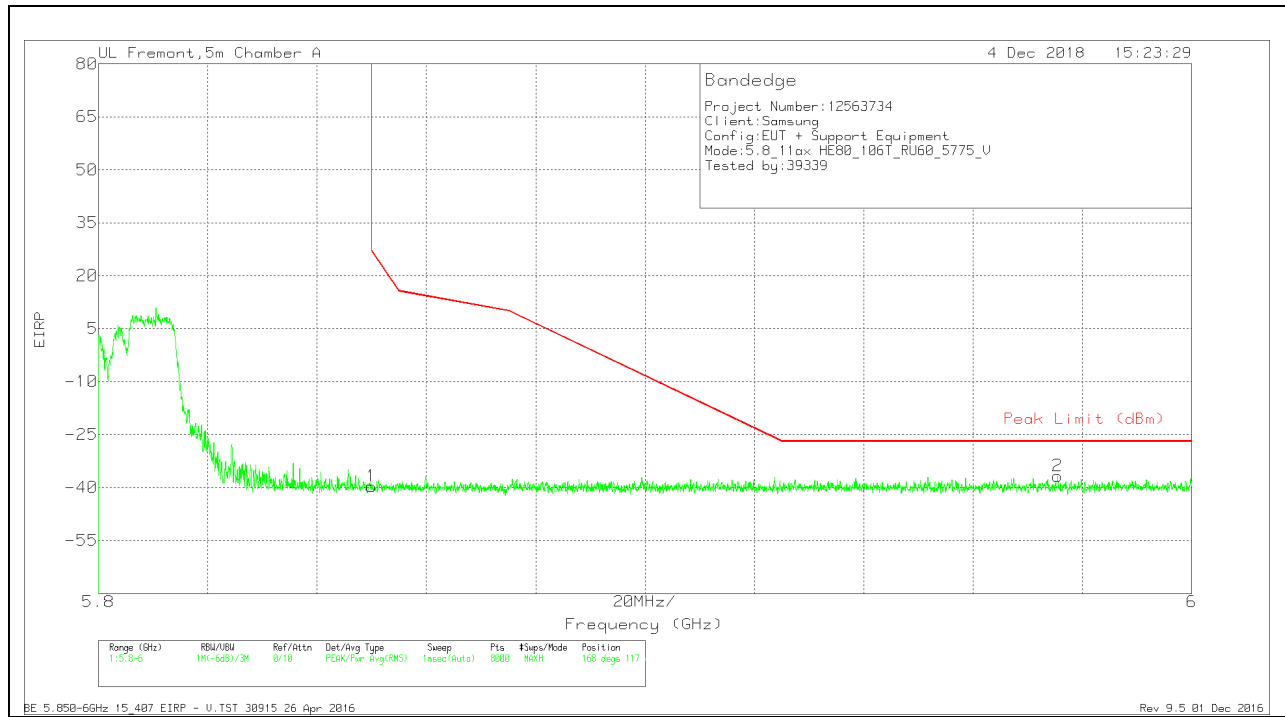


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (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	5.85	-71.21	Pk	35.1	-16.5	11.8	0	-40.81	26.99	-67.8	72	105	H
2	5.993	-67.79	Pk	35.4	-16.2	11.8	0	-36.79	-27	-9.79	72	105	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

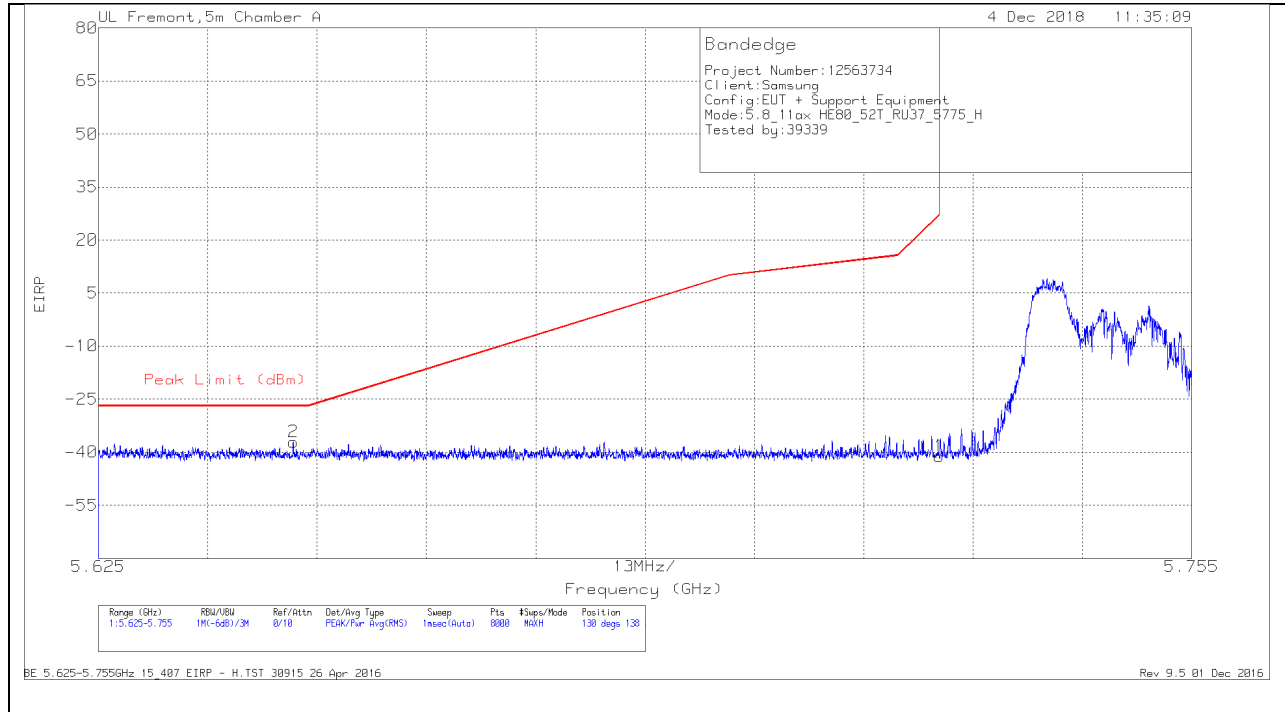
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-70.06	Pk	35.1	-16.5	11.8	0	-39.66	26.99	-66.65	168	117	V
2	5.975	-67.89	Pk	35.3	-16	11.8	0	-36.79	-27	-9.79	168	117	V

Pk - Peak detector

2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 37

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT



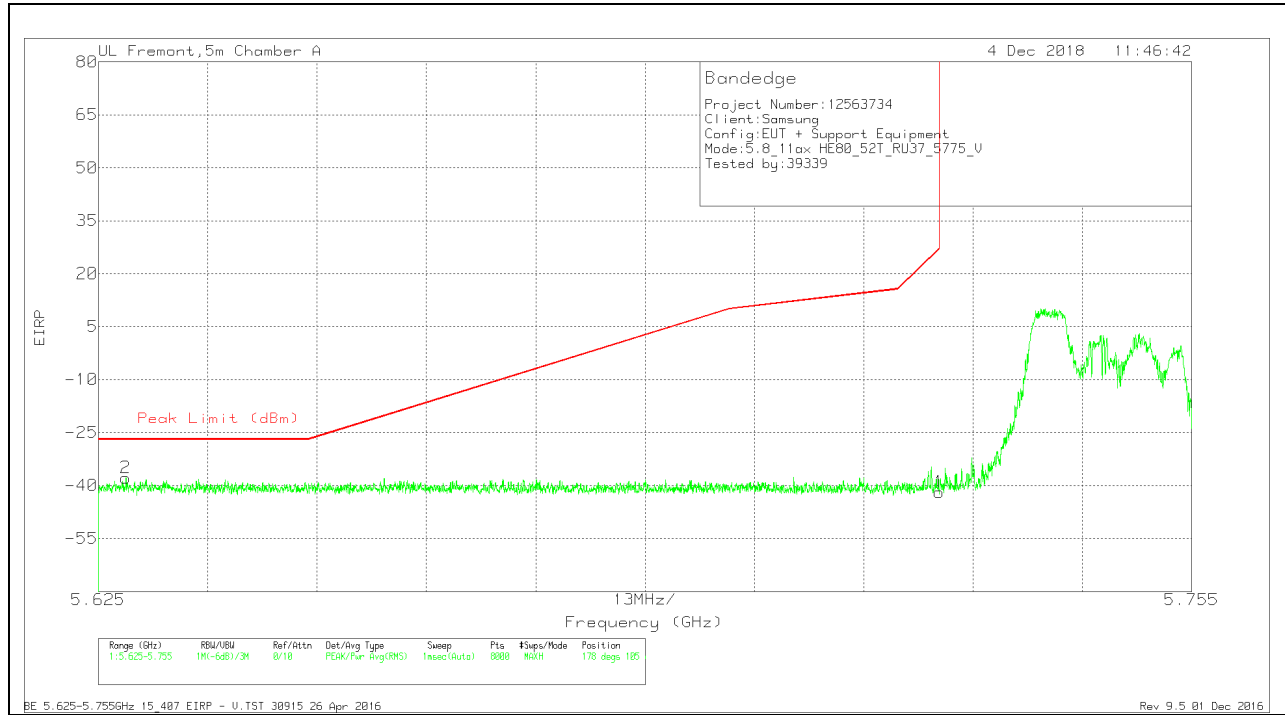
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (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
2	5.648	-66.66	Pk	34.9	-17.1	11.8	0	-37.06	-27	-10.06	130	138	H
1	5.725	-71.1	Pk	35	-16.9	11.8	0	-41.2	27	-68.2	130	138	H

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

Pk - Peak detector

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/Cb/Ftr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.628	-67.41	Pk	34.9	-17.1	11.8	0	-37.81	-27	-10.81	178	105	V
1	5.725	-71.76	Pk	35	-16.9	11.8	0	-41.86	27	-68.86	178	105	V

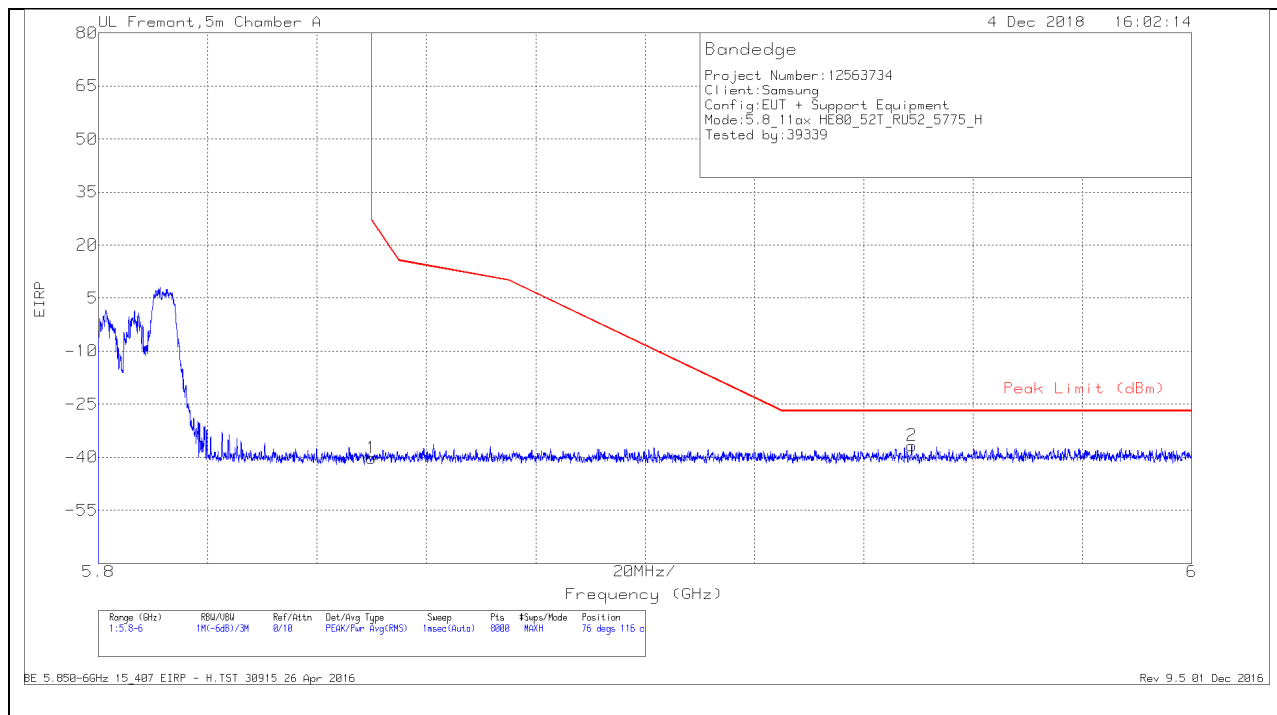
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

2TX Antenna 1 + Antenna 2 OFDMA MODE – 52-Tones, RU Index 52

BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT

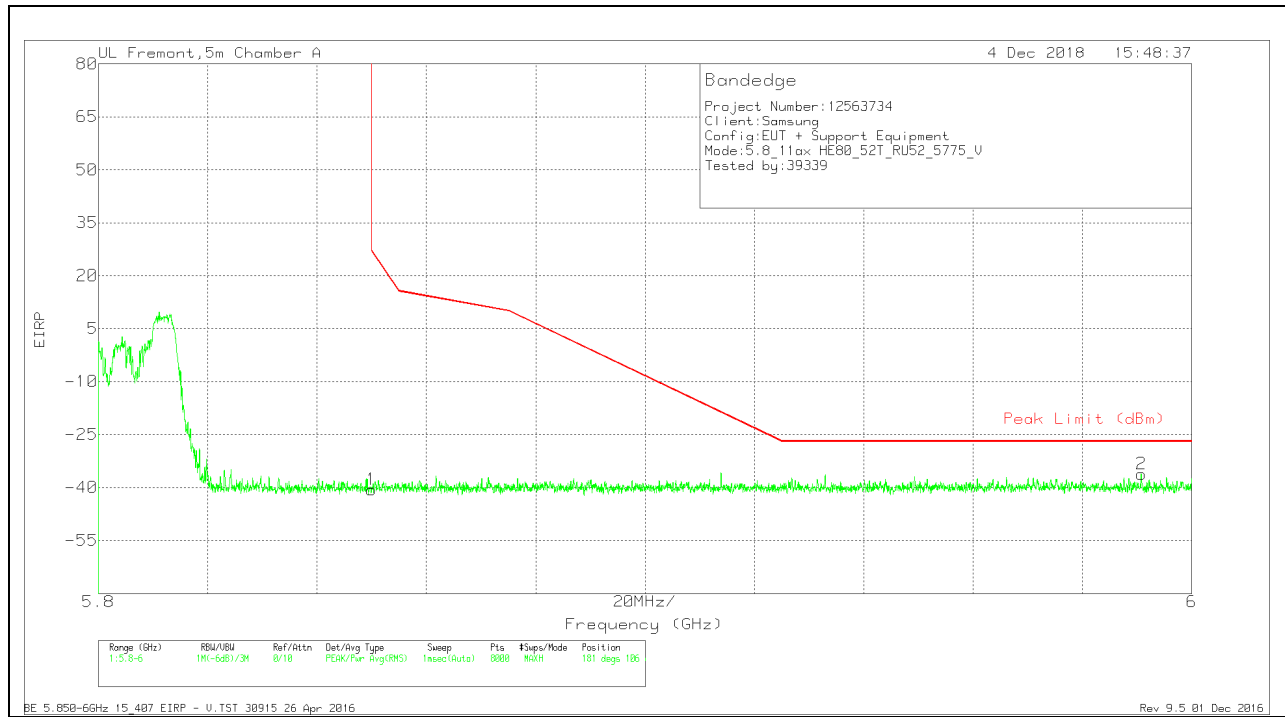


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (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	5.85	-70.61	Pk	35.1	-16.5	11.8	0	-40.21	26.99	-67.2	76	116	H
2	5.949	-67.54	Pk	35.3	-16.3	11.8	0	-36.74	-27	-9.74	76	116	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

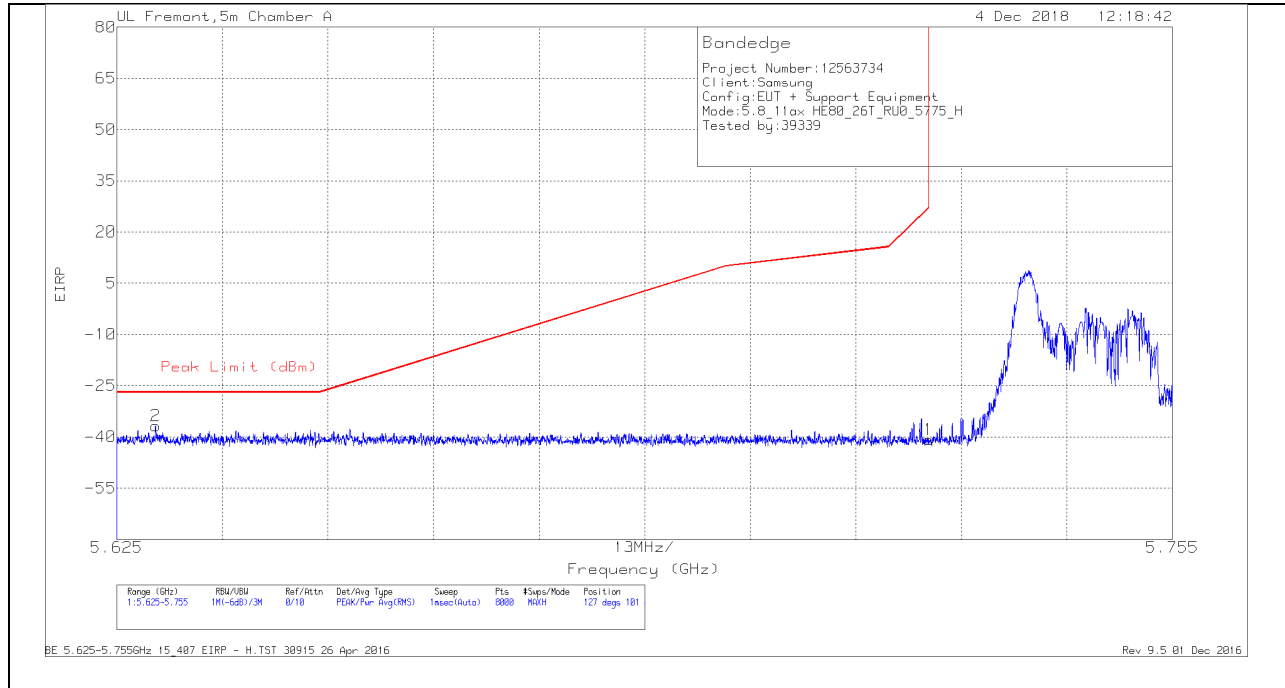
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/Cb/Ftr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-70.94	Pk	35.1	-16.5	11.8	0	-40.54	26.99	-67.53	181	106	V
2	5.991	-67.22	Pk	35.4	-16.2	11.8	0	-36.22	-27	-9.22	181	106	V

Pk - Peak detector

2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 0

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT



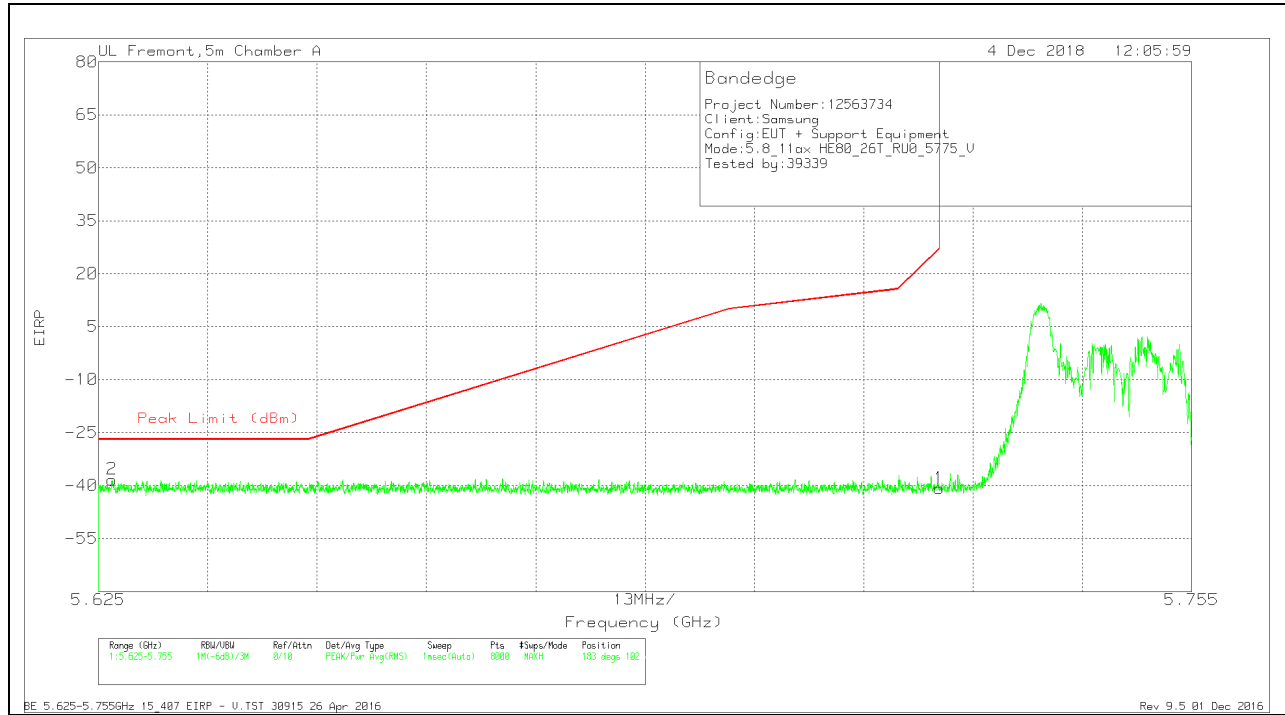
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT345 (dB/m)	Amp/Cb/Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.63	-66.38	Pk	35	-17.1	11.8	0	-36.68	-27	-9.68	127	101	H
1	5.725	-70.78	Pk	35	-16.9	11.8	0	-40.88	27	-67.88	127	101	H

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

Pk - Peak detector

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/Cb/Ftr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.627	-68.01	Pk	34.9	-17	11.8	0	-38.31	-27	-11.31	183	102	V
1	5.725	-70.76	Pk	35	-16.9	11.8	0	-40.86	27	-67.86	183	102	V

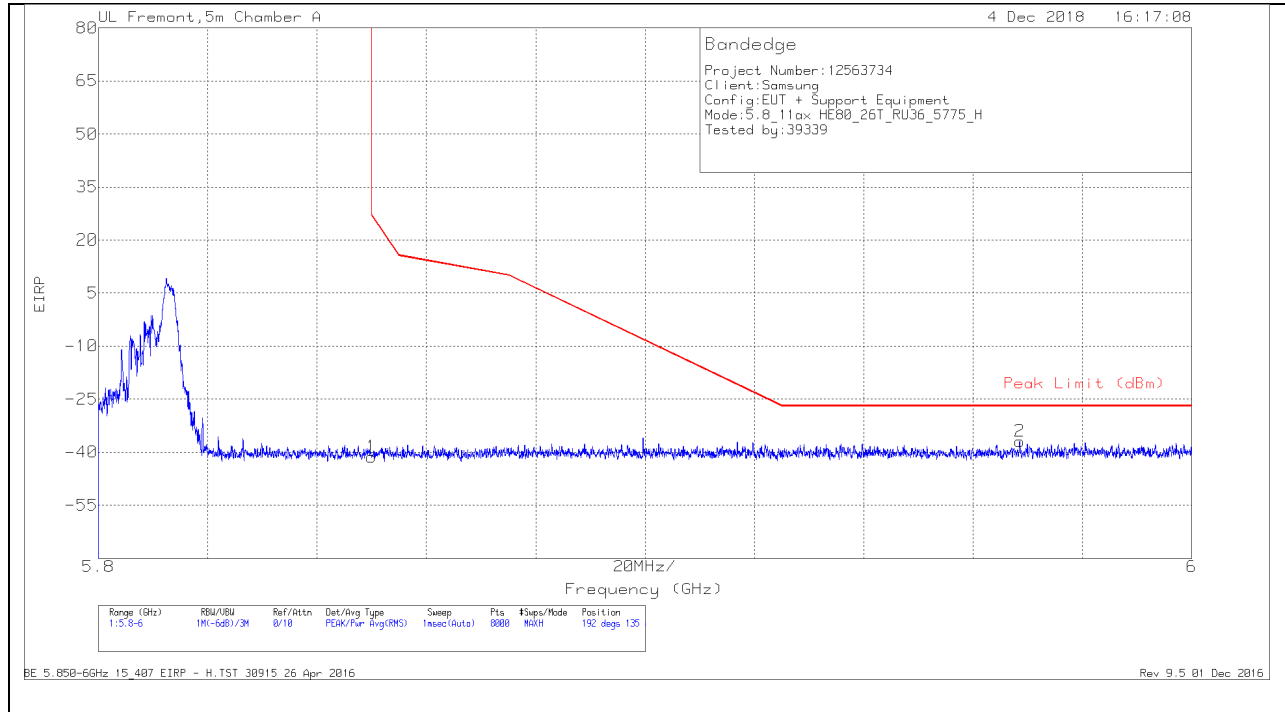
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 36

BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT

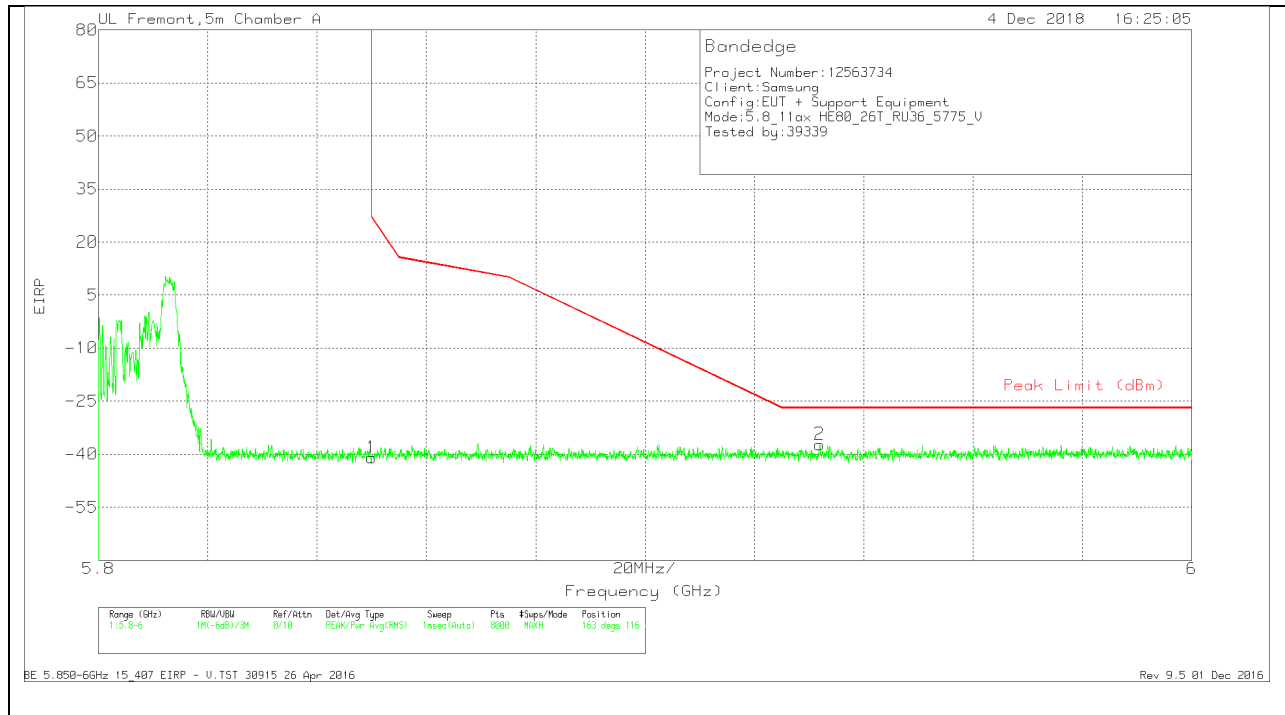


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (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	5.85	-71.7	Pk	35.1	-16.5	11.8	0	-41.3	26.99	-68.29	192	135	H
2	5.969	-67.77	Pk	35.3	-16.2	11.8	0	-36.87	-27	-9.87	192	135	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

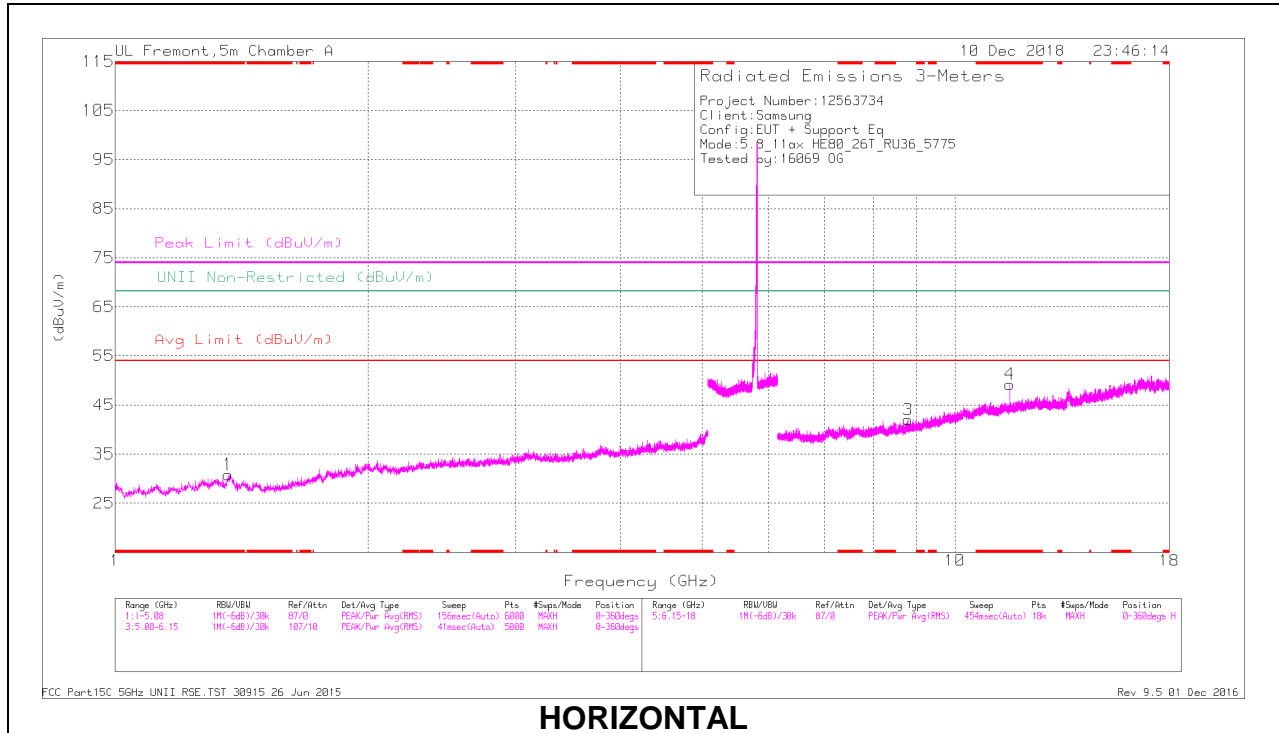
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-71.37	Pk	35.1	-16.5	11.8	0	-40.97	26.99	-67.96	163	116	V
2	5.932	-67.91	Pk	35.2	-16.3	11.8	0	-37.21	-27	-10.21	163	116	V

Pk - Peak detector

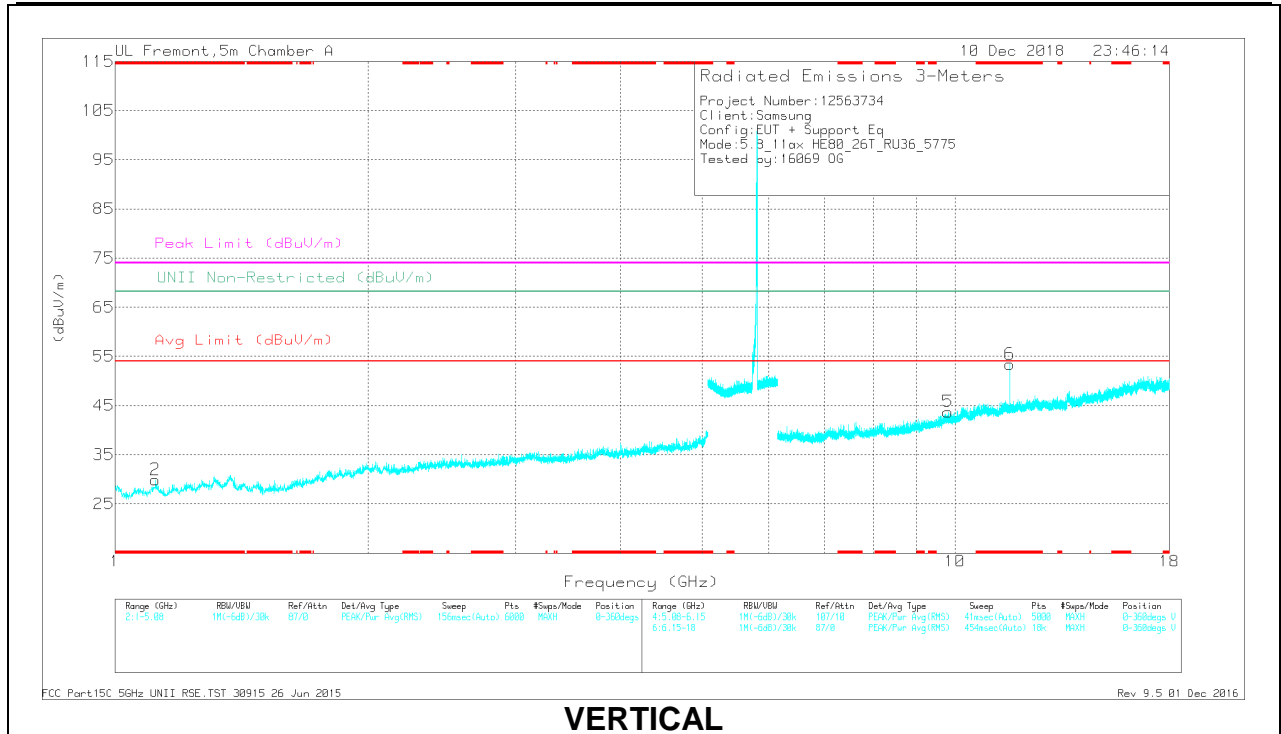
2TX Antenna 1 + Antenna 2 OFDMA MODE – 26-Tones, RU Index 36

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Ch/Fit/Fed (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)	Asimuth (Deg)	Height (cm)	Polarity
* 1.365	39.59	PK-U	29.2	-31.3	0	37.49	-	-	74	-36.51	-	-	52	151	H
* 1.365	27.47	ADR	29.2	-31.3	.12	25.49	54	-28.51	-	-	-	-	52	151	H
* 1.118	40.13	PK-U	27.7	-31.9	0	35.93	-	-	74	-38.07	-	-	3	154	V
* 1.118	27.99	ADR	27.7	-32	.12	23.81	54	-30.19	-	-	-	-	3	154	V
* 11.626	39.43	PK-U	38.3	-18.3	0	59.43	-	-	74	-14.57	-	-	34	119	H
* 11.626	25.33	ADR	38.3	-18.3	.12	45.45	54	-8.55	-	-	-	-	34	119	H
* 11.626	45.39	PK-U	38.3	-18.3	0	65.39	-	-	74	-8.61	-	-	190	102	V
* 11.626	30.56	ADR	38.3	-18.3	.12	50.68	54	-3.32	-	-	-	-	190	102	V
8.793	32.97	PK-U	36.1	-21.4	0	47.67	-	-	-	-	68.2	-20.53	145	239	H
9.812	31.98	PK-U	37	-20	0	48.98	-	-	-	-	68.2	-19.22	51	162	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. SPURIOUS EMISSIONS FOR SIMULTANEOUS TRANSMISSION

SIMULTANEOUS TX CONDITIONS

Mode	# of TX	5GHz		2.4GHz	
		Ant1	Ant2	Ant1	Ant2
2.4GHz+5GHz RSDB Only	2	O	X	X	O
		X	O	O	X
		O	X	O	X
		X	O	X	O
2.4GHz+5GHz RSDB&MIMO	3	O	O	O	X
		O	O	X	O
		O	X	O	O
		X	O	O	O
	4	O	O	O	O

WORST TEST-CASE CONDITIONS

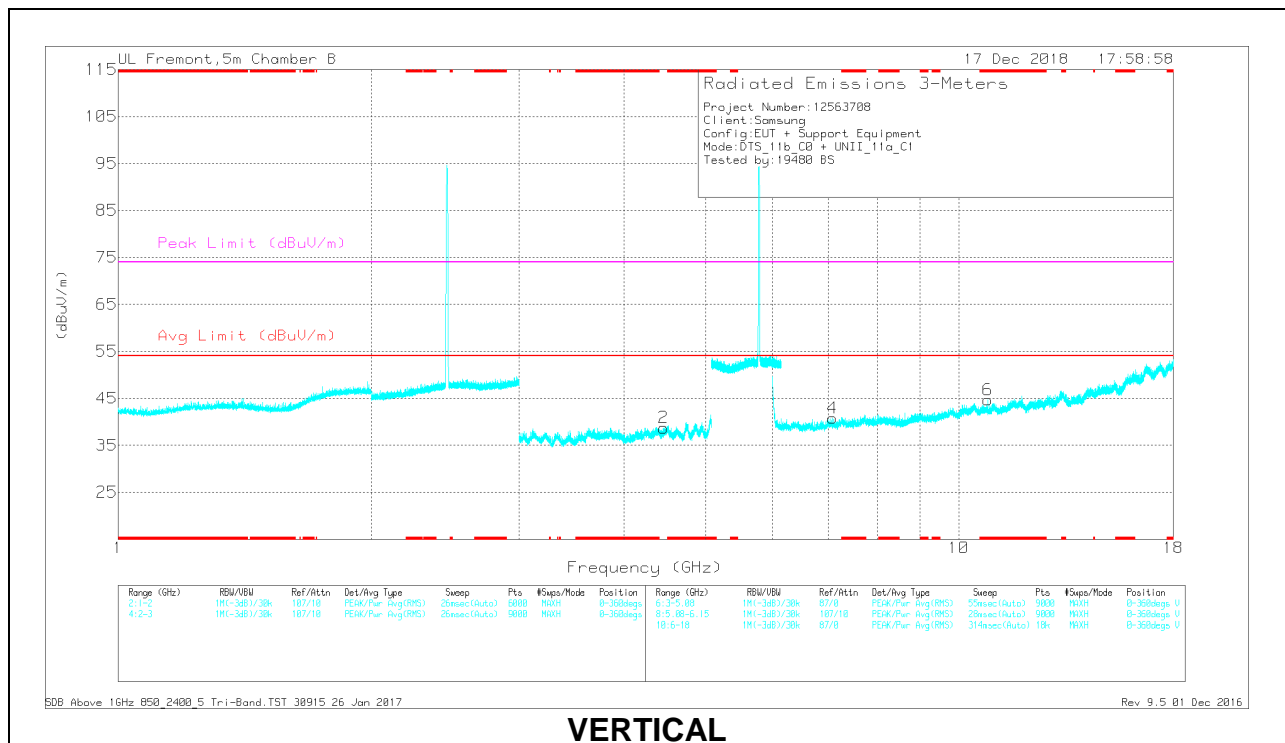
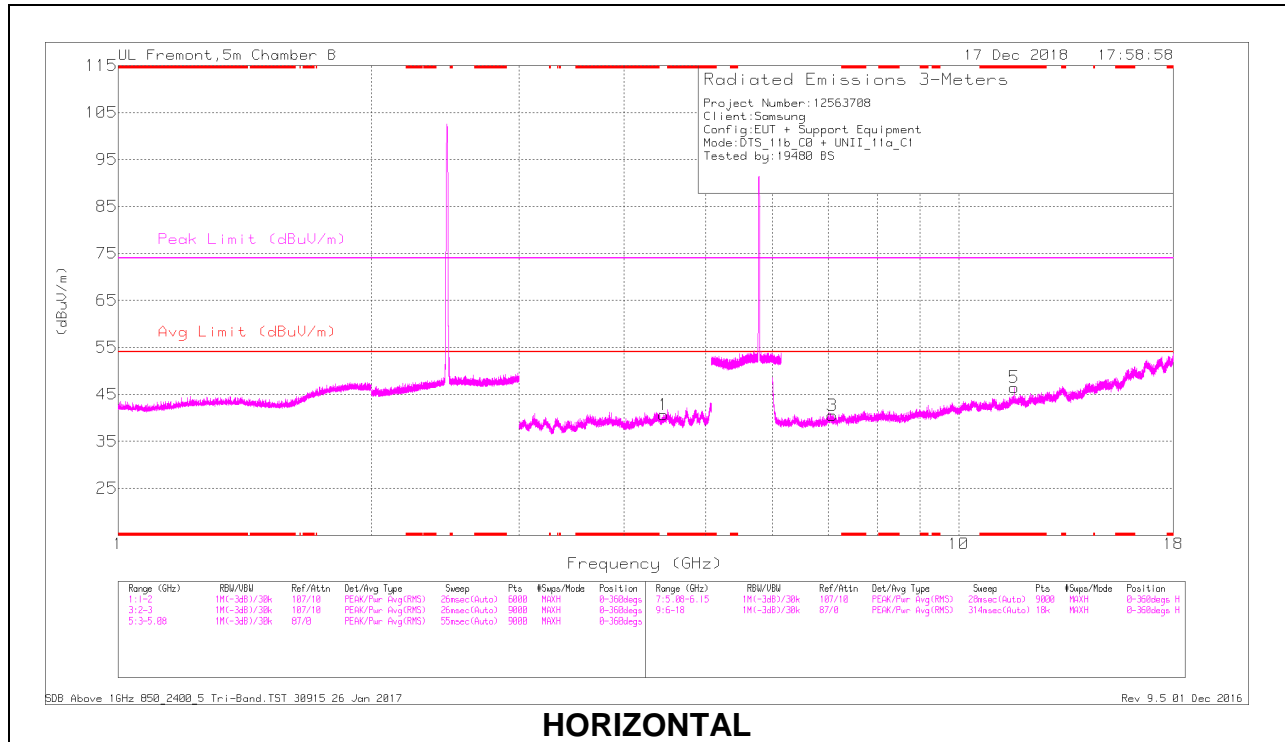
Target power of each UNII band (UNII-1, UNII-2A, UNII-2C, UNII-3) is different for maximum power mode (802.11a mode and 802.11n HT20 mode). So the highest target power (channel and mode) were selected for worst test case condition on each antenna. New emissions were not detected and harmonic's emission level was lower than stand-alone condition and all test data complied FCC technical limit.

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.

Testcase #	Band (GHz)	Antenna	MODE	Channel	Frequency (MHz)
1	2.4	Chain 0	11b	11	2462
	5	Chain 1	11a	157	5785
2	5	Chain 0	11a	64	5320
	2.4	Chain 1	11b	6	2437
3	2.4	Chain 0	11ax_HE20_242T_RU61	6	2437
	5	Chain 1	11ax_HE80_242T_RU62	42	5210
4	5	Chain 0	11ax_HE20_242T_RU61	100	5500
	2.4	Chain 1	11ax_HE20_242T_RU61	6	2437
5	2.4	MIMO	11ax_HE20_242T_RU61	6	2437
	5	MIMO	11ax_HE80_242T_RU62	42	5210

10.2.1. TEST CASE 1

Antenna 1 802.11b Channel 11 + Antenna 2 802.11a Channel 157



RADIATED EMISSIONS

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Fitr/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	4.457	32.25	Pk	33.8	-28.4	3	40.65	-	-	-	-	0-360	103	H
2	4.457	32.33	Pk	33.8	-28.4	1	38.73	-	-	-	-	0-360	102	V

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

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 11.639	29.35	Pk	38.8	-21.7	46.45	-	-	74	-27.55	0-360	199	H
6	* 10.828	29.57	Pk	38	-22.9	44.67	-	-	74	-29.33	0-360	200	V
3	7.074	31.81	Pk	36	-27.3	40.51	-	-	-	-	0-360	199	H
4	7.077	32.07	Pk	36	-27.3	40.77	-	-	-	-	0-360	102	V

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

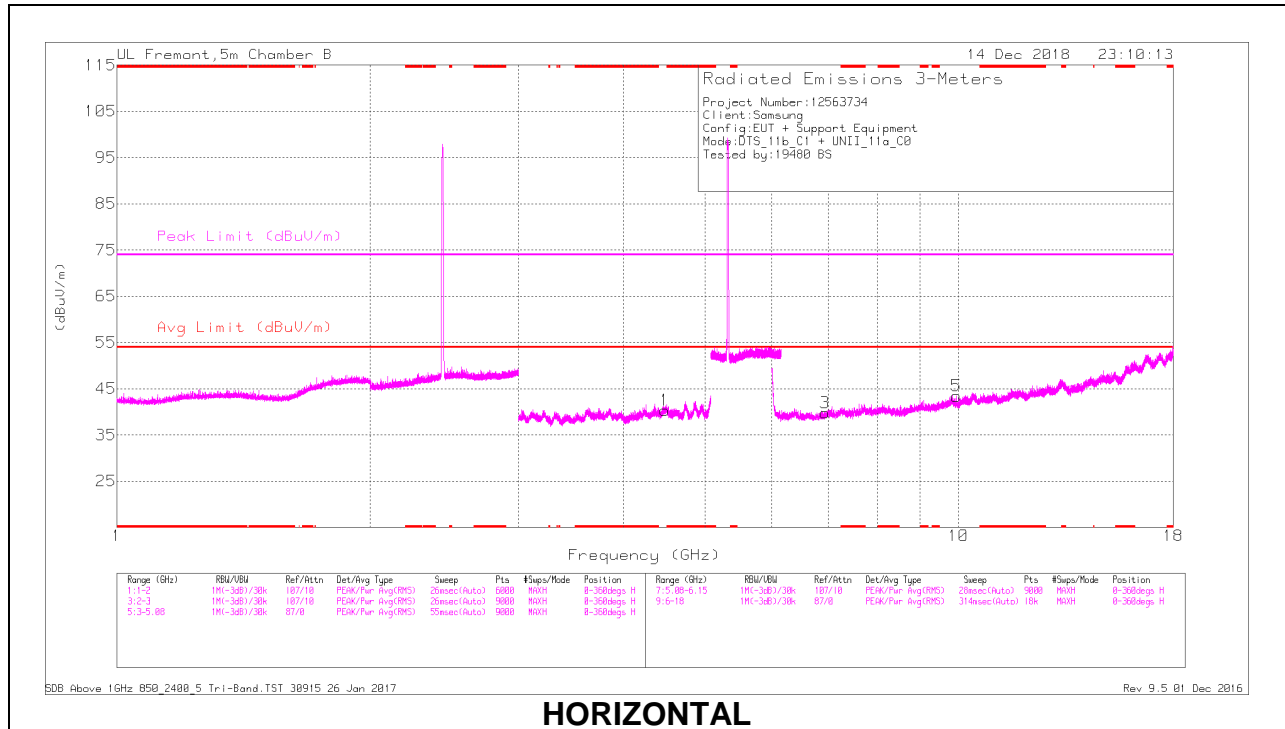
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.639	34.06	PK-U	38.8	-21.7	51.16	-	-	74	-22.84	295	140	H
* 11.637	22.64	ADR	38.8	-21.7	39.74	54	-14.26	-	-	295	140	H
* 10.826	35.66	PK-U	38	-22.9	50.76	-	-	74	-23.24	288	289	V
* 10.827	23.44	ADR	38	-22.9	38.54	54	-15.46	-	-	288	289	V

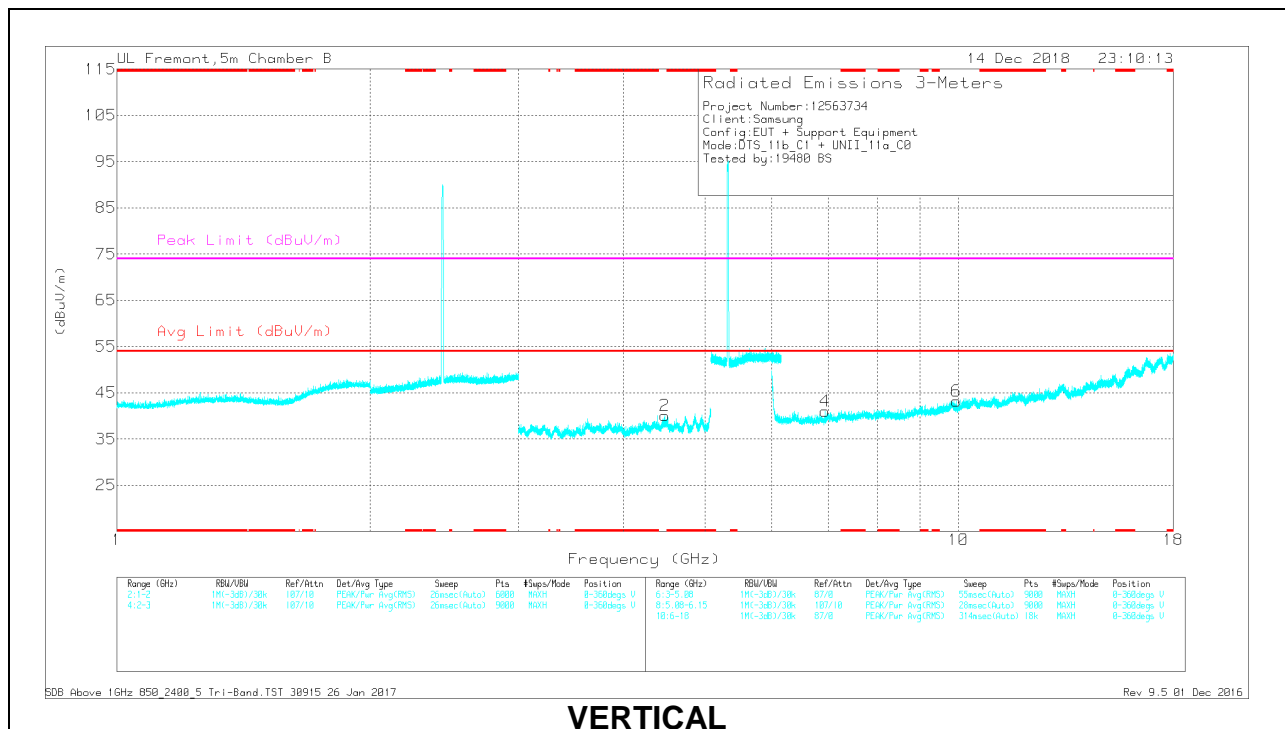
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

10.2.2. TEST CASE 2

Antenna 1 802.11a Channel 64 + Antenna 2 802.11b Channel 6



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Fitr/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	4.474	32.52	Pk	33.8	-29	3	40.32	-	-	-	-	0-360	199	H
2	4.474	34.21	Pk	33.8	-29	1	40.01	-	-	-	-	0-360	102	V

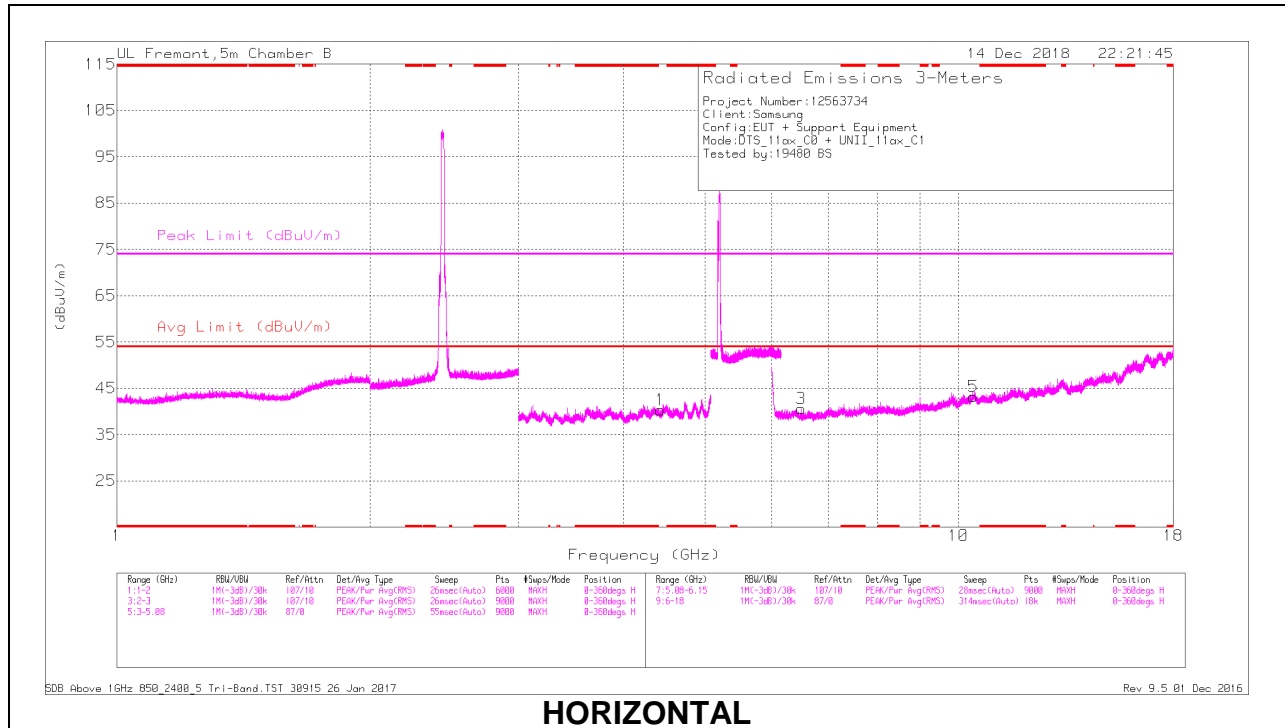
Pk - Peak detector

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	6.936	32.86	Pk	35.8	-27.7	40.96	-	-	-	-	0-360	102	V
3	6.937	31.66	Pk	35.8	-27.7	39.76	-	-	-	-	0-360	199	H
5	9.942	29.7	Pk	37.4	-23.7	43.4	-	-	-	-	0-360	103	H
6	9.949	29.58	Pk	37.4	-23.8	43.18	-	-	-	-	0-360	200	V

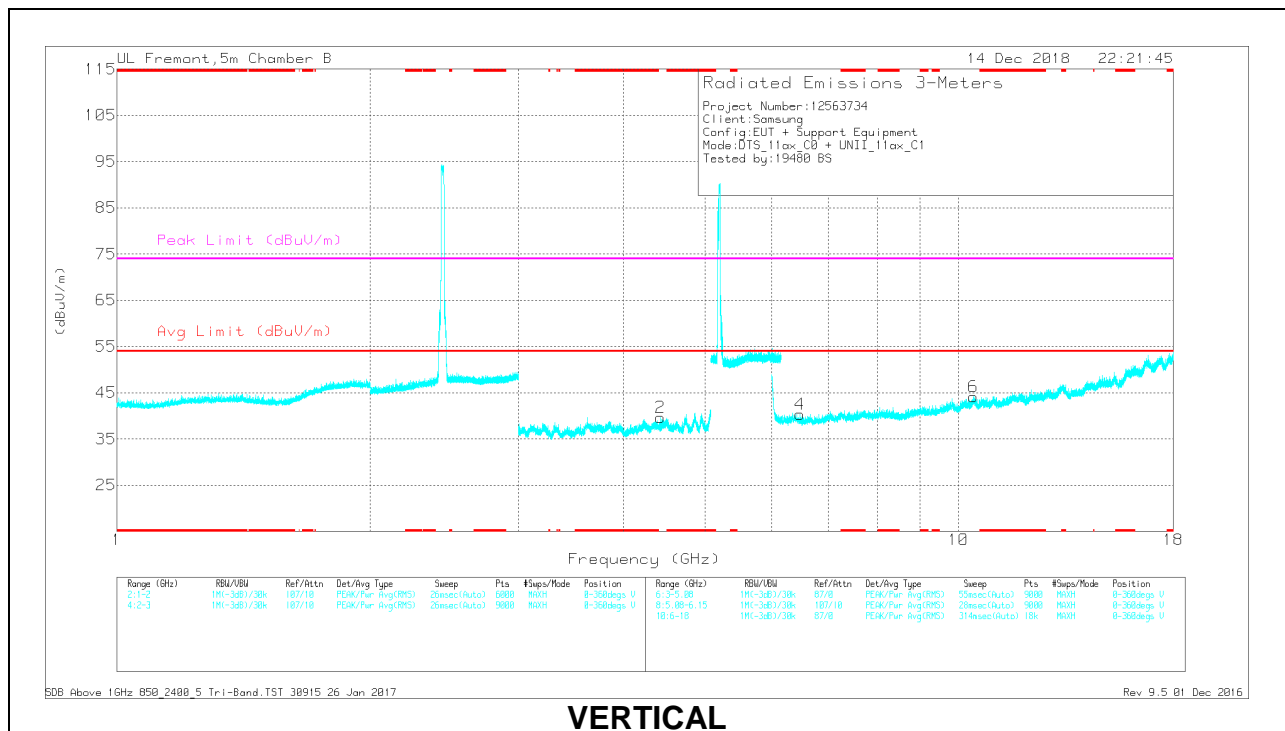
Pk - Peak detector

10.2.3. TEST CASE 3

Antenna 1 802.11ax HE20 242T – RU61 Channel 6 + Antenna 2 802.11ax HE80 242T – RU62 Channel 42



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Fitr/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
2	4.421	33.75	Pk	33.8	-28.9	1	39.65	-	-	-	-	0-360	200	V
1	4.424	32.47	Pk	33.8	-28.9	3	40.37	-	-	-	-	0-360	199	H

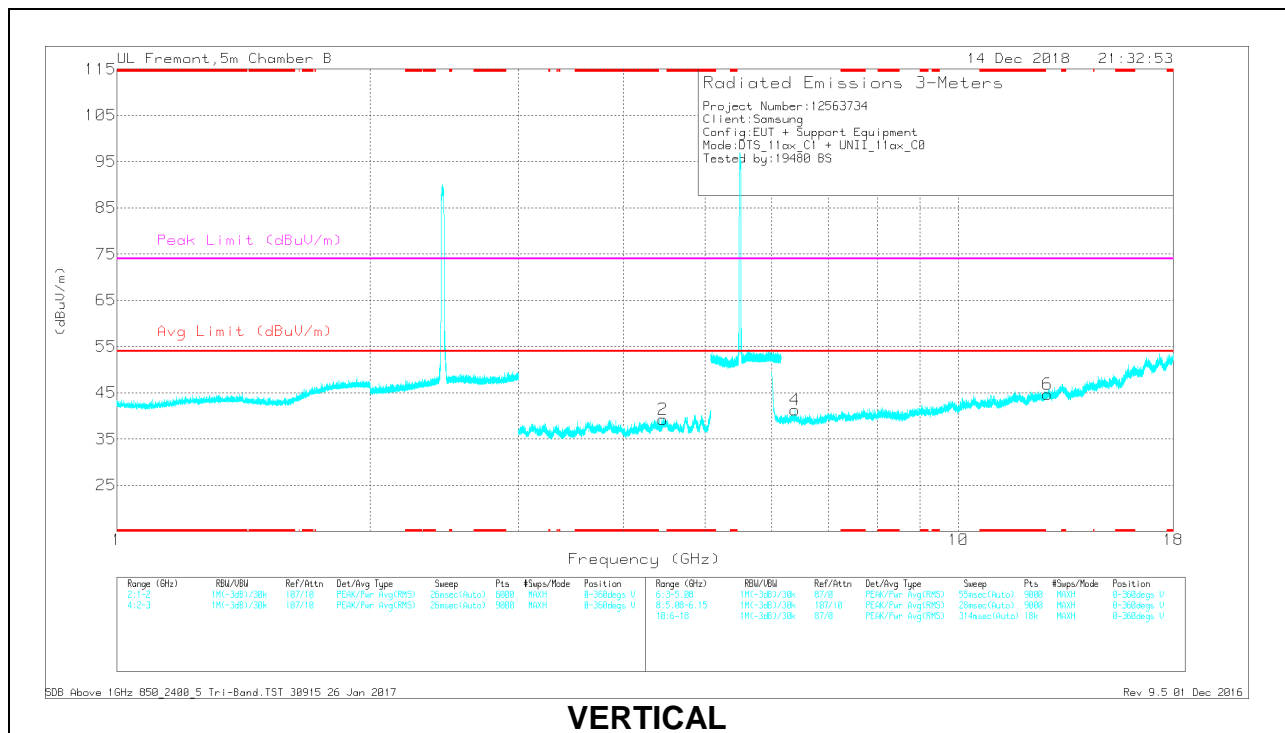
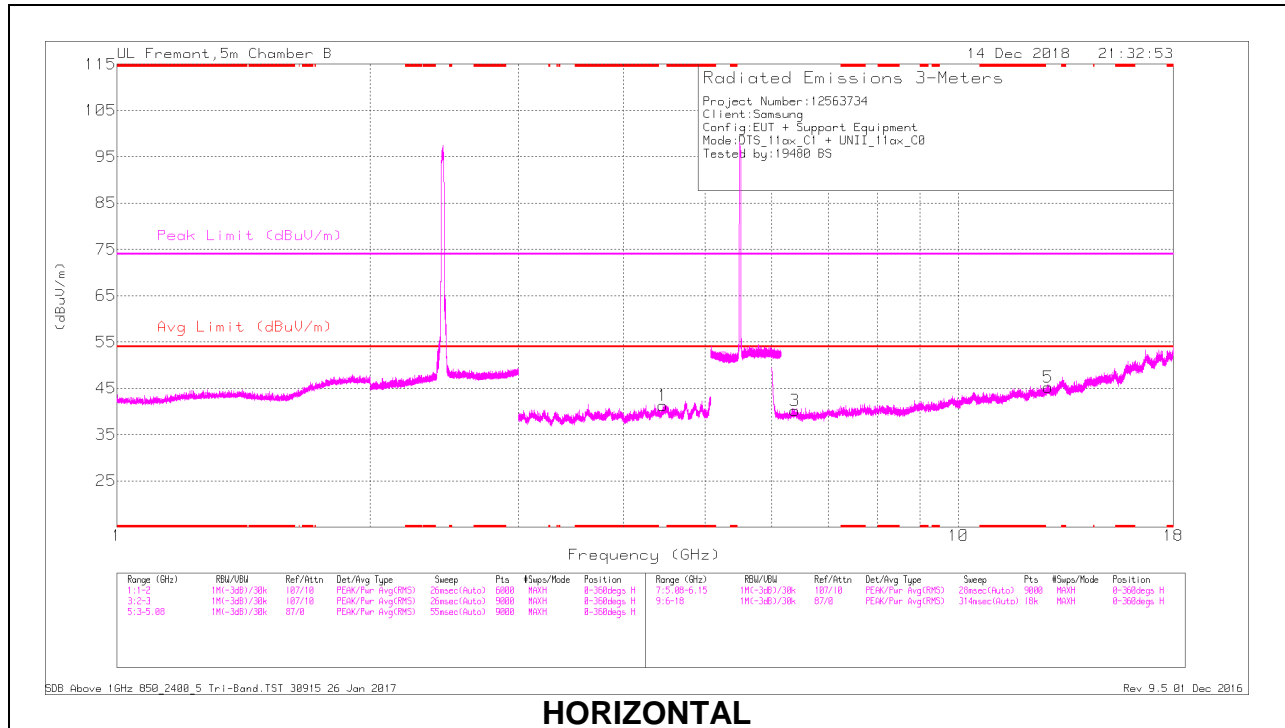
Pk - Peak detector

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	6.483	33.07	Pk	35.7	-28.4	40.37	-	-	-	-	0-360	102	V
3	6.501	33.45	Pk	35.6	-28.5	40.55	-	-	-	-	0-360	102	H
6	10.42	28.06	Pk	37.9	-21.8	44.16	-	-	-	-	0-360	199	V
5	10.422	27.24	Pk	37.9	-21.9	43.24	-	-	-	-	0-360	102	H

Pk - Peak detector

10.2.4. TEST CASE 4

Antenna 1 802.11ax HE20 242T – RU61 Channel 100 + Antenna 2 802.11ax HE20 242T – RU61 Channel 6



RADIATED EMISSIONS

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Fitr/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
2	4.456	32.83	Pk	33.8	-28.4	1	39.23	-	-	-	-	0-360	102	V
1	4.458	32.91	Pk	33.8	-28.4	3	41.31	-	-	-	-	0-360	199	H

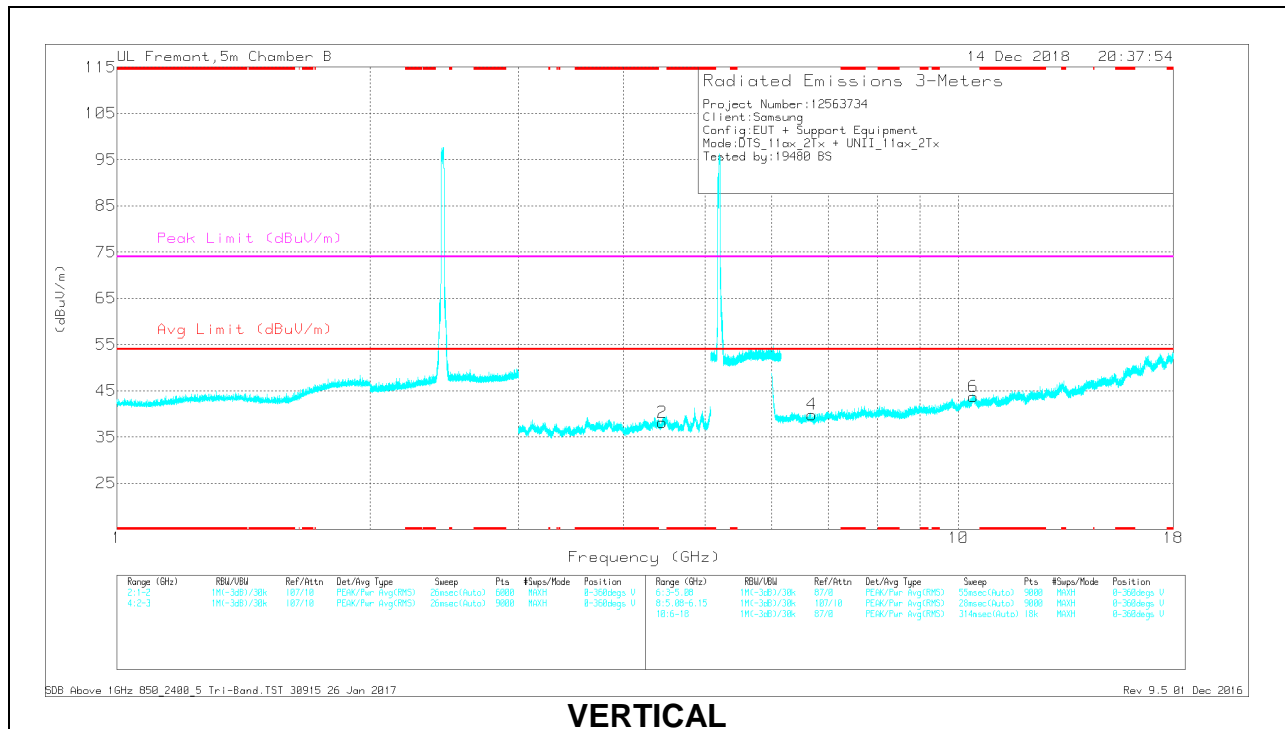
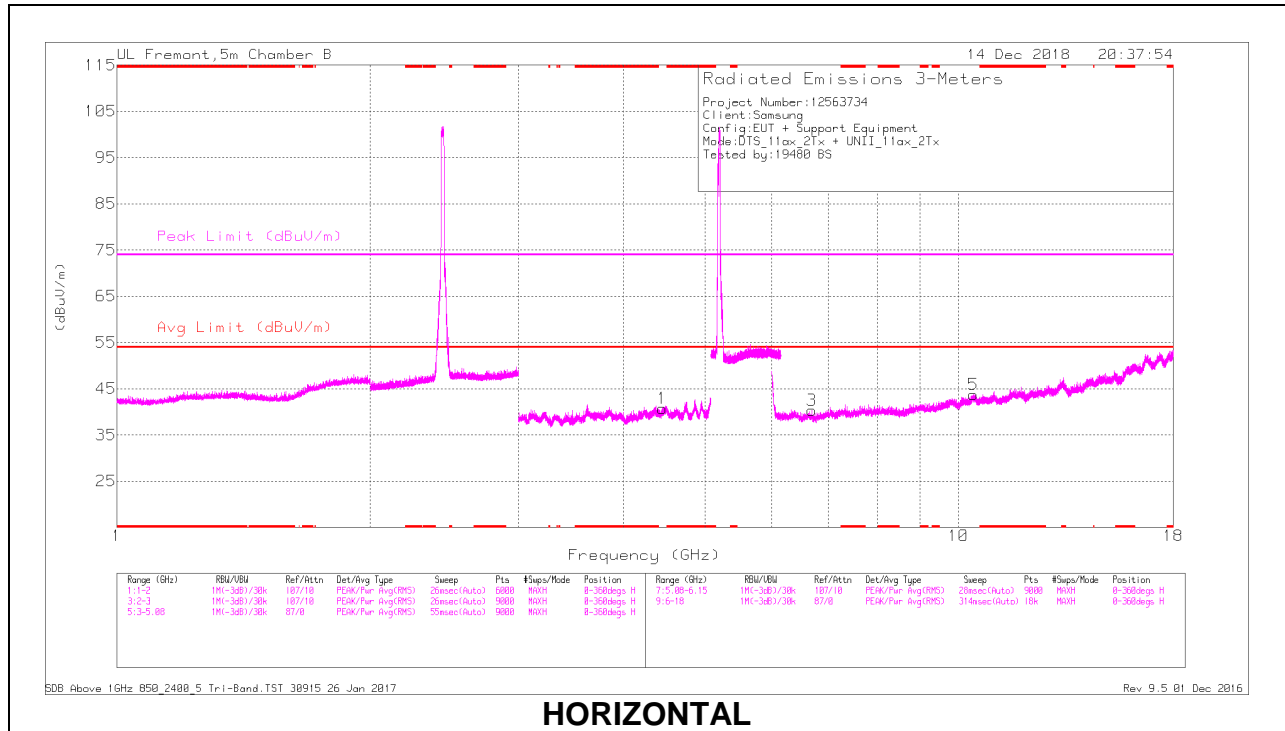
Pk - Peak detector

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	6.39	31.74	Pk	35.8	-27.3	40.24	-	-	-	-	0-360	199	H
4	6.39	32.79	Pk	35.8	-27.3	41.29	-	-	-	-	0-360	102	V
6	12.768	26.54	Pk	39.3	-21.2	44.64	-	-	-	-	0-360	199	V
5	12.778	27.06	Pk	39.3	-21.1	45.26	-	-	-	-	0-360	103	H

Pk - Peak detector

10.2.5. TEST CASE 5

2TX 802.11ax HE20 242T – RU61 Channel 6 + 2TX 802.11ax HE80 242T – RU62 Channel 42



RADIATED EMISSIONS

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Fltr/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
2	4.446	32.12	Pk	33.8	-28.8	1	38.12	-	-	-	-	0-360	199	V
1	4.447	32.76	Pk	33.8	-28.8	3	40.76	-	-	-	-	0-360	102	H

Pk - Peak detector

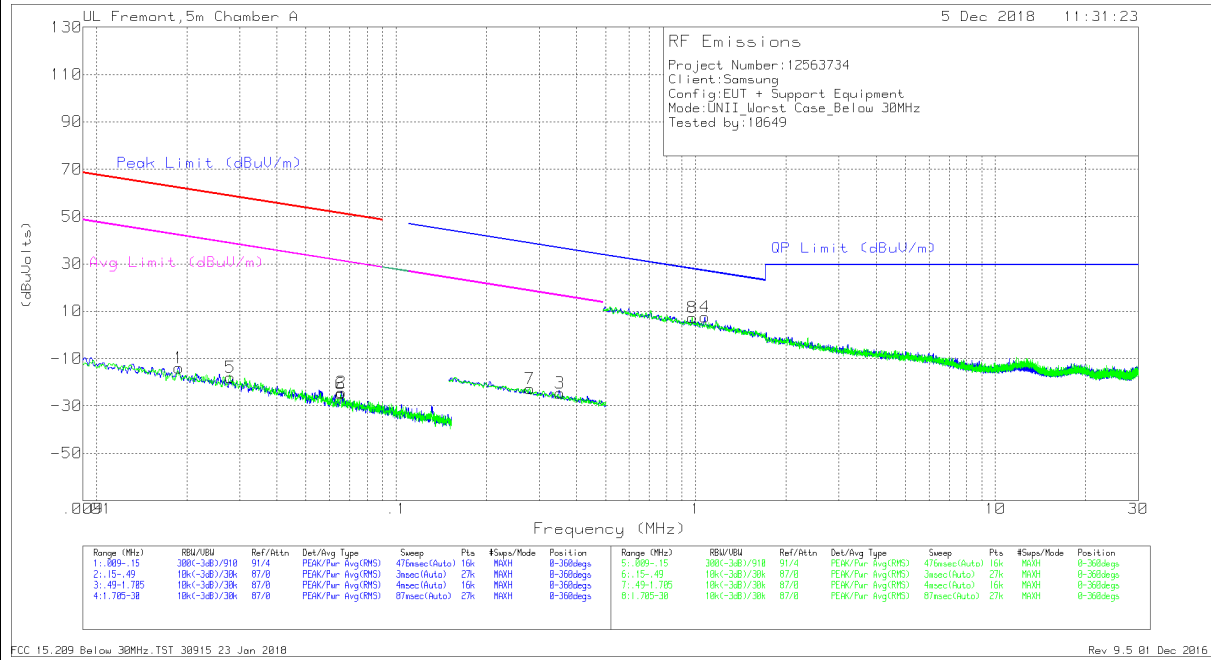
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	6.692	31.86	Pk	35.8	-27.8	39.86	-	-	-	-	0-360	102	V
3	6.697	32.39	Pk	35.8	-27.9	40.29	-	-	-	-	0-360	199	H
5	10.414	27.8	Pk	37.9	-22	43.7	-	-	-	-	0-360	102	H
6	10.419	27.76	Pk	37.9	-21.9	43.76	-	-	-	-	0-360	102	V

Pk - Peak detector

10.3. WORST-CASE BELOW 30 MHz

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)

FACE ON AND FACE OFF PLOTS



NOTE: KDB 414788 OATS and Chamber Correlation Justification

- Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.
- OATs and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

Below 30 MHz Data

Trace Markers

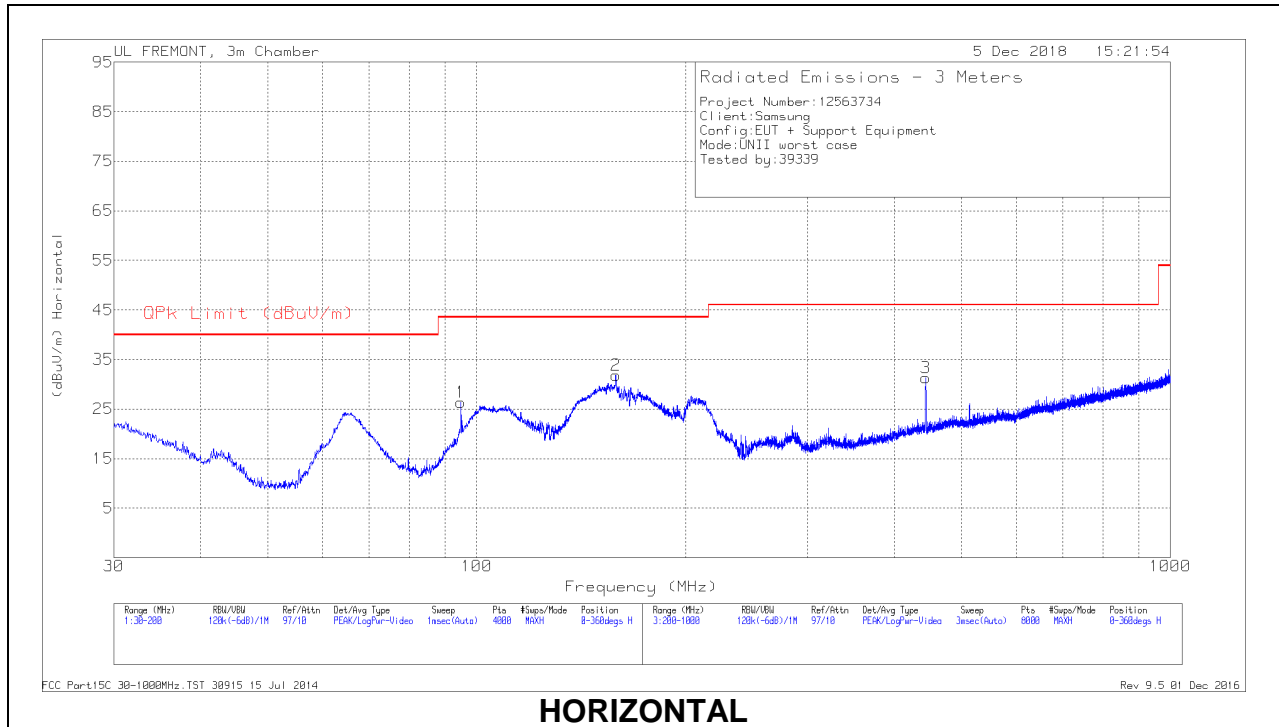
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cables (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.01886	51.33	Pk	14.6	0	-80	-14.07	62.07	-76.14	42.07	-56.14	-	-	-	-	0-360
5	.02795	46.82	Pk	15.1	0	-80	-18.08	58.66	-76.74	38.66	-56.74	-	-	-	-	0-360
6	.06534	41.04	Pk	14.2	0	-80	-24.76	51.28	-76.04	31.28	-56.04	-	-	-	-	0-360
2	.06562	41.58	Pk	14.2	0	-80	-24.22	51.24	-75.46	31.24	-55.46	-	-	-	-	0-360
7	.279	43.41	Pk	13.7	.1	-80	-22.79	-	-	-	-	38.7	-61.49	18.7	-41.49	0-360
3	.35151	41.53	Pk	13.7	.1	-80	-24.67	-	-	-	-	36.69	-61.36	16.69	-41.36	0-360

Pk - Peak detector

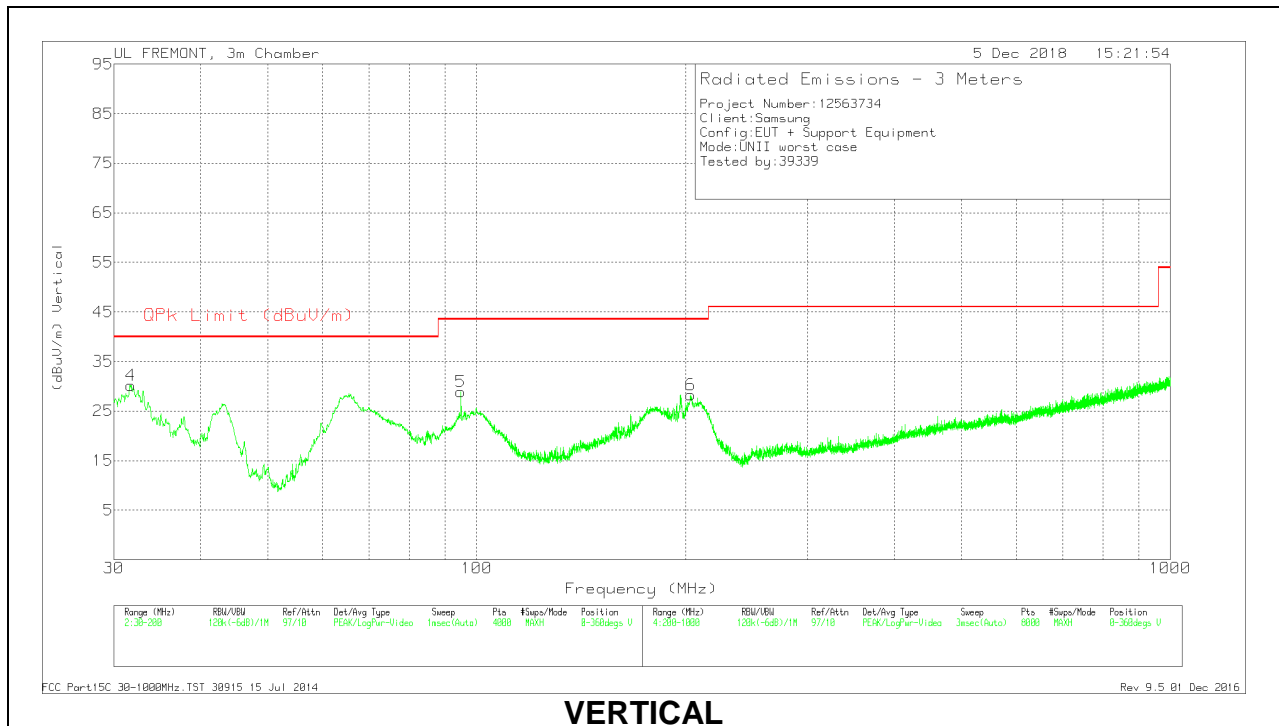
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cables (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
8	.97306	33.08	Pk	14.1	.1	-40	7.28	27.86	-20.58	-	-	-	-	0-360
4	1.0722	33.14	Pk	14.2	.1	-40	7.44	27.02	-19.58	-	-	-	-	0-360

Pk - Peak detector

10.4. WORST-CASE BELOW 1 GHz



HORIZONTAL

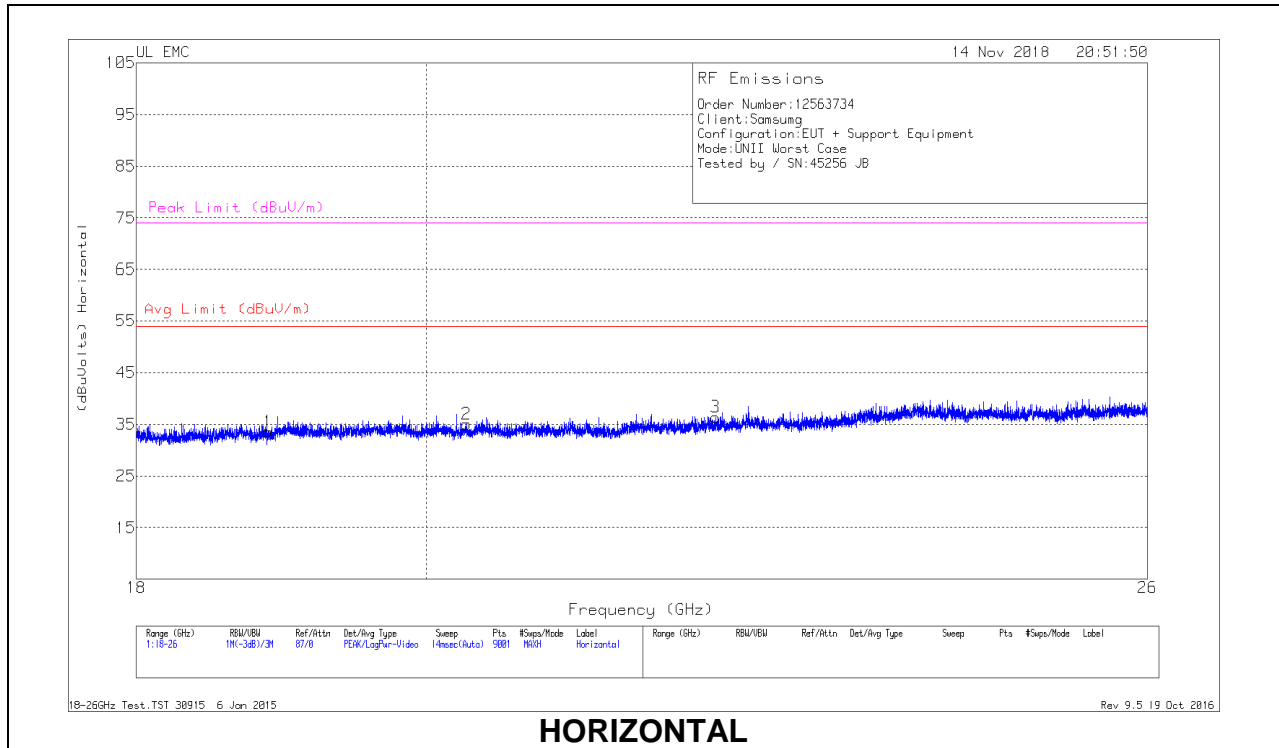


VERTICAL

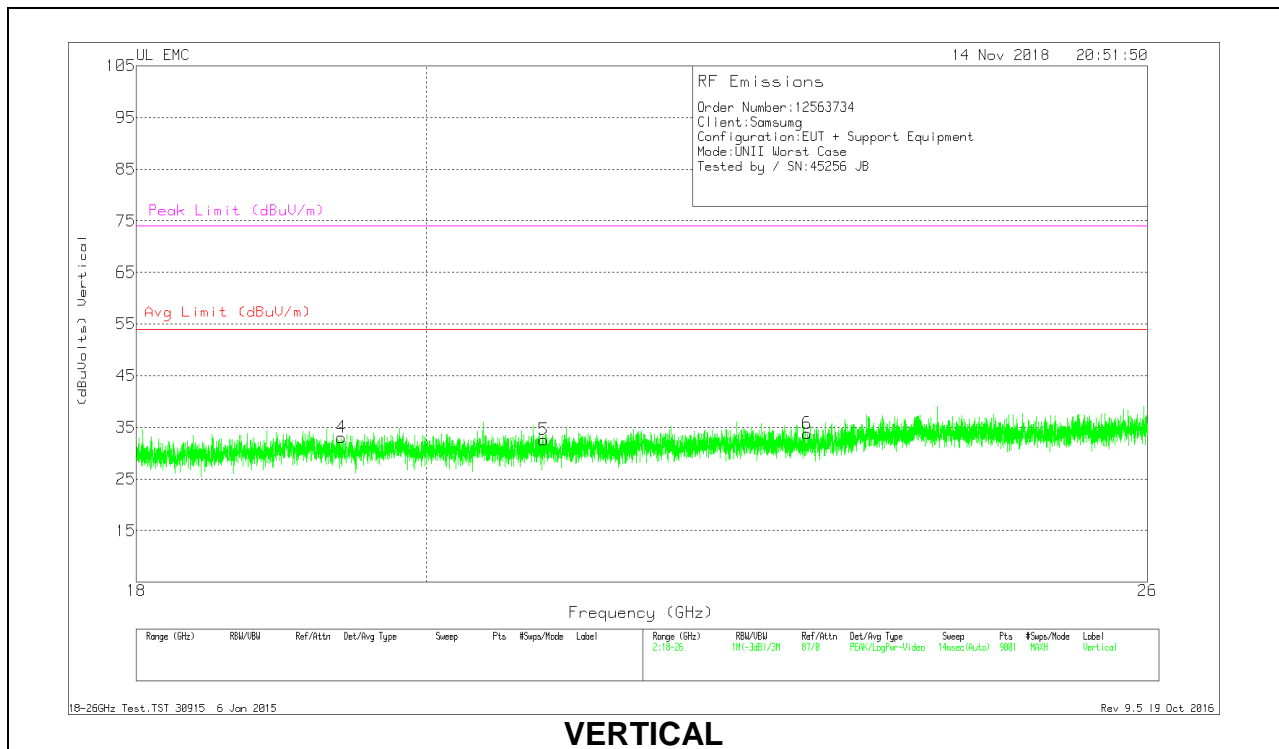
Below 1GHz DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T243 (dB/m)	Amp/Cbl (dB/m)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	31.743	37.07	Pk	24.2	-31.1	30.17	40	-9.83	0-360	100	V
	31.528	29.29	Qp	24.4	-31.1	22.59	40	-17.41	96	103	V
1	94.9143	43.93	Pk	12.8	-30.4	26.33	43.52	-17.19	0-360	300	H
5	94.9143	46.45	Pk	12.8	-30.4	28.85	43.52	-14.67	0-360	100	V
2	158.6383	45.28	Pk	16.2	-29.7	31.78	43.52	-11.74	0-360	200	H
6	203.4004	42.1	Pk	15.7	-29.5	28.3	43.52	-15.22	0-360	100	V
3	444.1317	38.66	Pk	20.8	-28.1	31.36	46.02	-14.66	0-360	100	H

10.5. WORST-CASE 18-26 GHz



HORIZONTAL

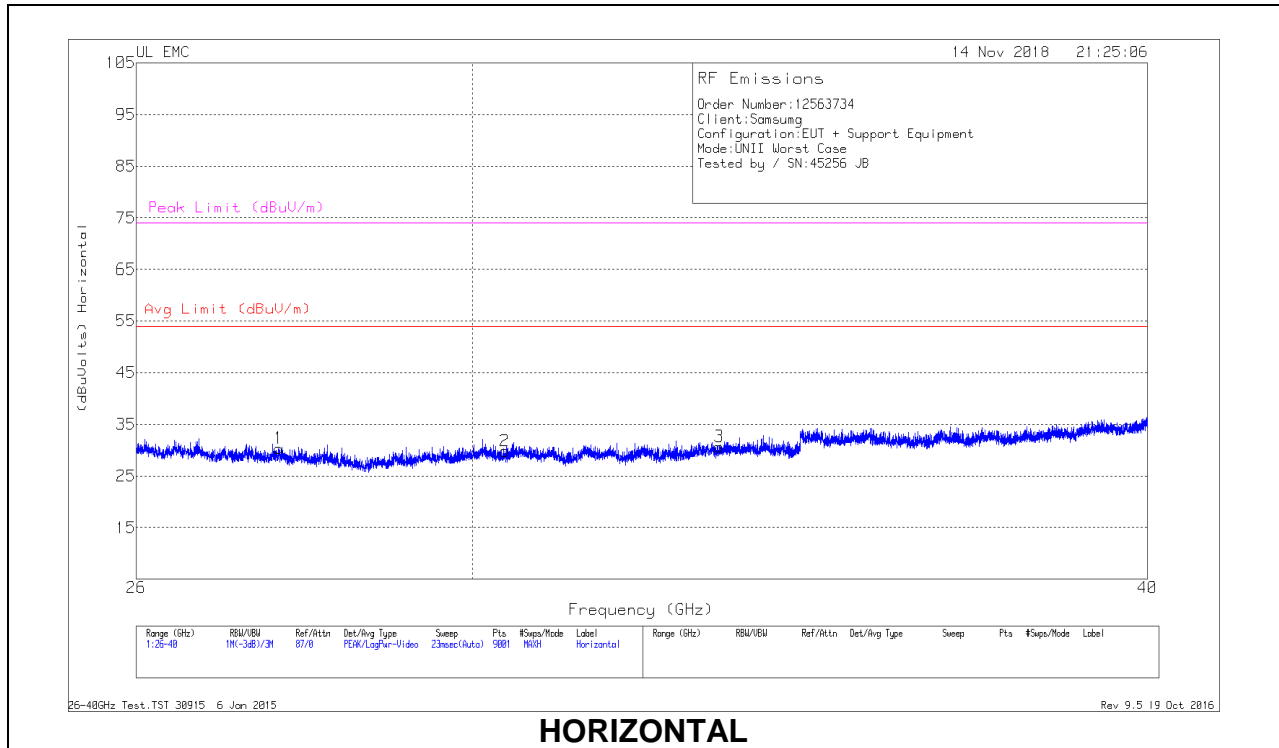


VERTICAL

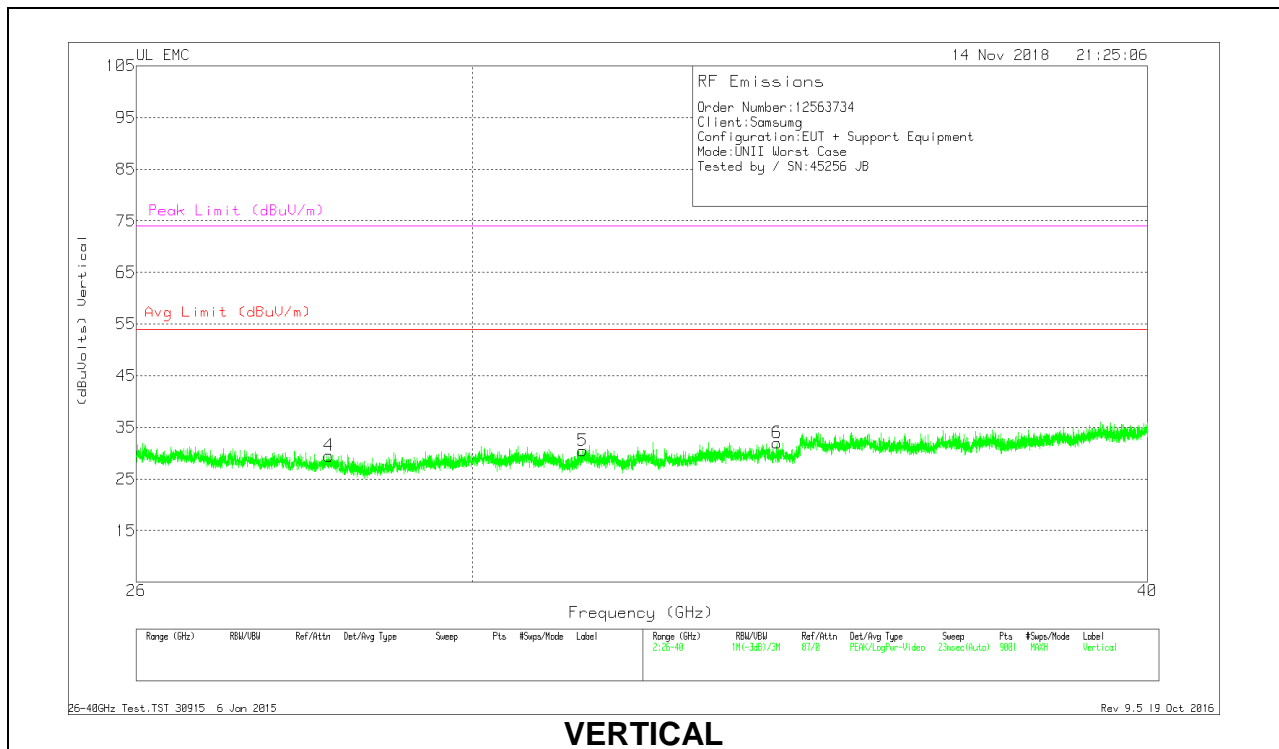
18 – 26GHz DATA

Marker	Frequenc y (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	18.884	35.93	Pk	32.5	-25.4	-9.5	33.53	54	-20.47	74	-40.47
2	20.295	36.94	Pk	32.8	-25.2	-9.5	35.04	54	-18.96	74	-38.96
3	22.219	37.15	Pk	33.5	-24.8	-9.5	36.35	54	-17.65	74	-37.65
4	19.393	34.91	Pk	32.7	-25.1	-9.5	33.01	54	-20.99	74	-40.99
5	20.872	34.45	Pk	33	-25.4	-9.5	32.55	54	-21.45	74	-41.45
6	22.972	34.77	Pk	33.6	-25.1	-9.5	33.77	54	-20.23	74	-40.23

10.6. WORST-CASE 26-40 GHz



HORIZONTAL



VERTICAL

26 – 40GHz DATA

Marker	Frequenc y (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	27.626	35.32	Pk	35.8	-31.3	-9.5	30.32	54	-23.68	74	-43.68
2	30.418	35.98	Pk	36	-32.7	-9.5	29.78	54	-24.22	74	-44.22
3	33.33	35.85	Pk	37	-32.7	-9.5	30.65	54	-23.35	74	-43.35
4	28.223	34.9	Pk	35.9	-31.8	-9.5	29.5	54	-24.5	74	-44.5
5	31.441	36.68	Pk	36.2	-32.9	-9.5	30.48	54	-23.52	74	-43.52
6	34.159	37.47	Pk	36.9	-32.9	-9.5	31.97	54	-22.03	74	-42.03

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

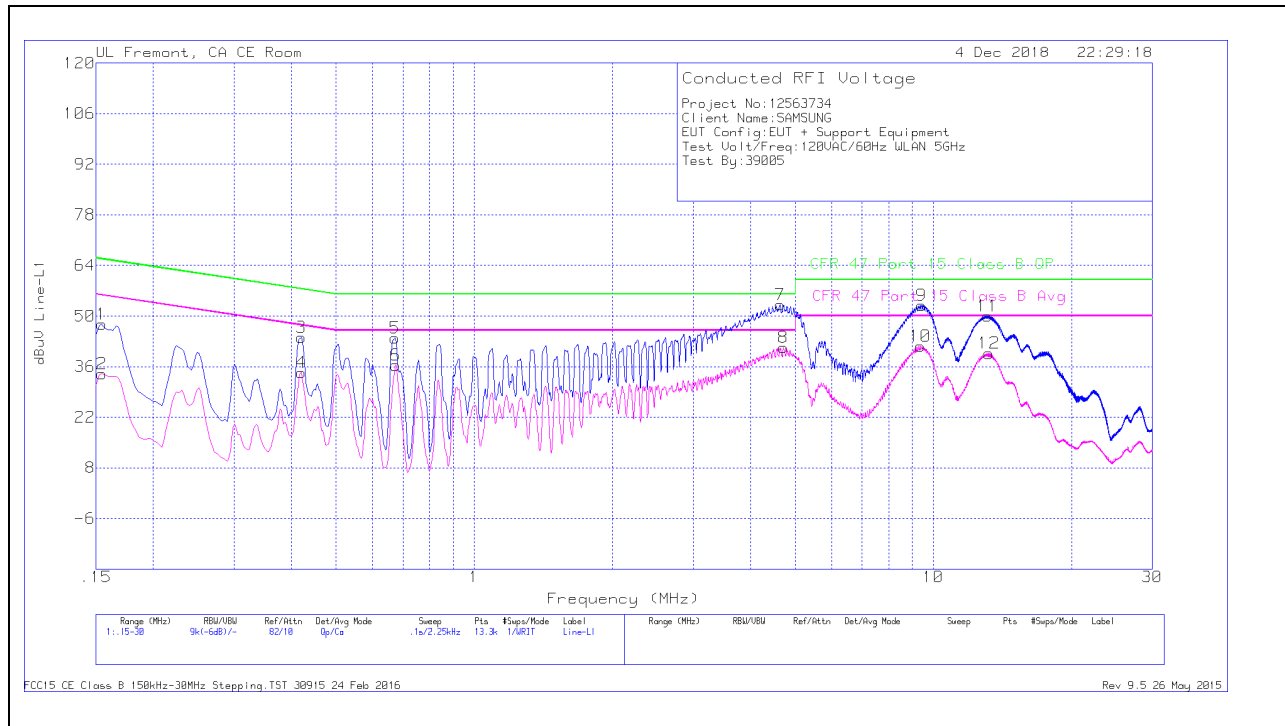
The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

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

LINE 1 RESULTS

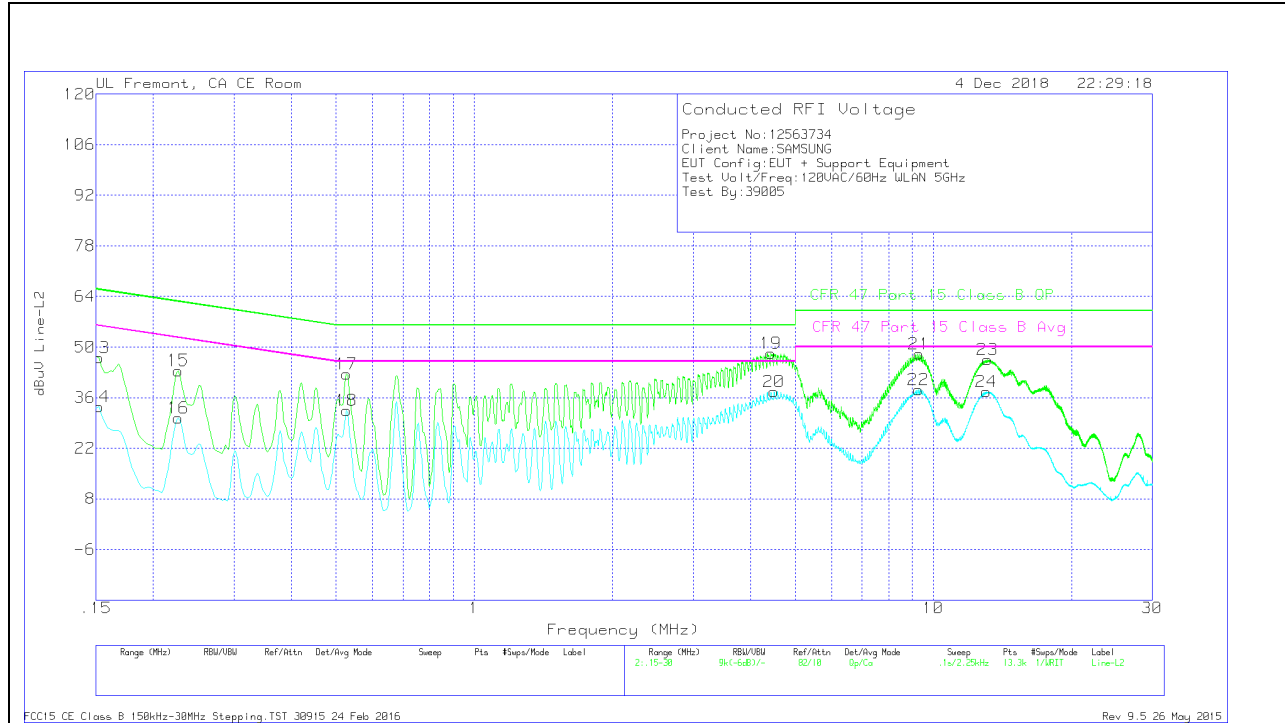


Trace Markers

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	.1545	37.57	Qp	.1	0	10.1	47.77	65.75	-17.98	-	-
2	.1545	23.77	Ca	.1	0	10.1	33.97	-	-	55.75	-21.78
3	.42	33.97	Qp	0	0	10.1	44.07	57.45	-13.38	-	-
4	.42	24.2	Ca	0	0	10.1	34.3	-	-	47.45	-13.15
5	.672	33.77	Qp	0	0	10.1	43.87	56	-12.13	-	-
6	.67425	26.26	Ca	0	0	10.1	36.36	-	-	46	-9.64
7	4.63875	42.86	Qp	0	.1	10.1	53.06	56	-2.94	-	-
8	4.713	31.09	Ca	0	.1	10.1	41.29	-	-	46	-4.71
9	9.44475	42.53	Qp	0	.2	10.2	52.93	60	-7.07	-	-
10	9.3615	31.2	Ca	0	.2	10.2	41.6	-	-	50	-8.4
11	13.1325	39.49	Qp	.1	.2	10.2	49.99	60	-10.01	-	-
12	13.23263	29.16	Ca	.1	.2	10.2	39.66	-	-	50	-10.34

Qp - Quasi-Peak detector
 Ca - CISPR average detection

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	36.77	Qp	.1	0	10.1	46.97	65.88	-18.91	-	-	
14	.15225	23.23	Ca	.1	0	10.1	33.43	-	-	55.88	-22.45	
15	.2265	33.38	Qp	0	0	10.1	43.48	62.58	-19.1	-	-	
16	.2265	20.28	Ca	0	0	10.1	30.38	-	-	52.58	-22.2	
17	.528	32.44	Qp	0	0	10.1	42.54	56	-13.46	-	-	
18	.528	22.3	Ca	0	0	10.1	32.4	-	-	46	-13.6	
19	4.425	38.11	Qp	0	.1	10.1	48.31	56	-7.69	-	-	
20	4.49925	27.44	Ca	0	.1	10.1	37.64	-	-	46	-8.36	
21	9.303	37.61	Qp	0	.2	10.2	48.01	60	-11.99	-	-	
22	9.29175	27.85	Ca	0	.2	10.2	38.25	-	-	50	-11.75	
23	13.128	35.95	Qp	.1	.2	10.2	46.45	60	-13.55	-	-	
24	13.05488	27.1	Ca	.1	.2	10.2	37.6	-	-	50	-12.4	

Qp - Quasi-Peak detector
 Ca - CISPR average detection