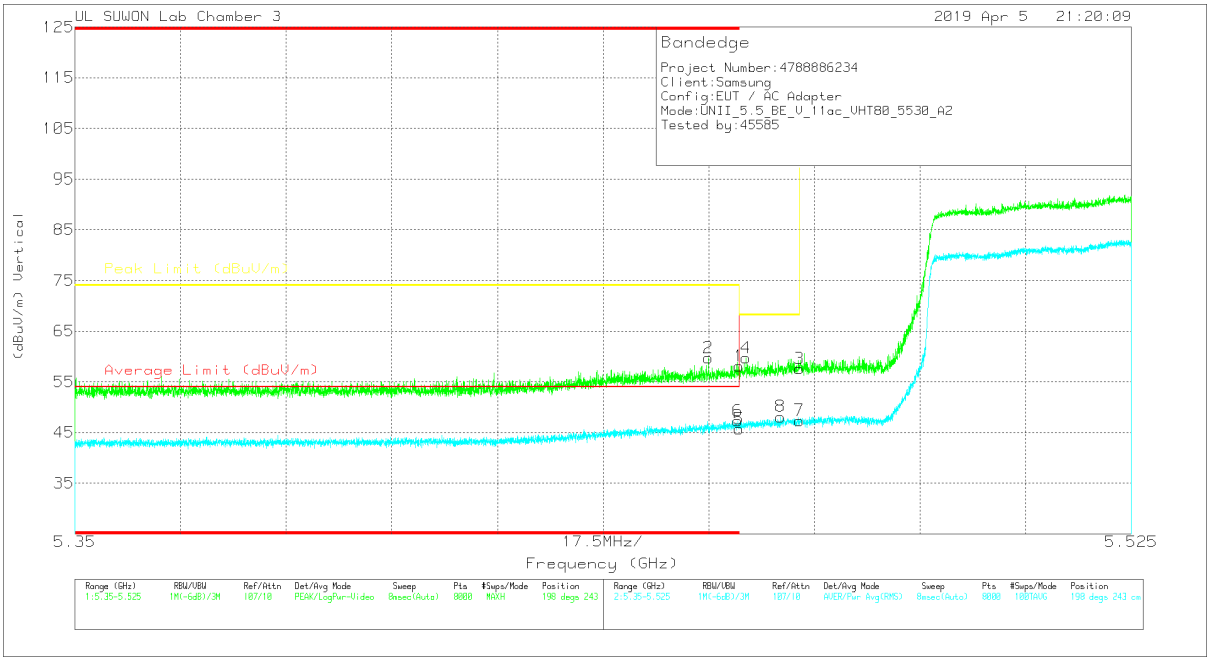
VERTICAL PEAK AND AVERAGE DATA



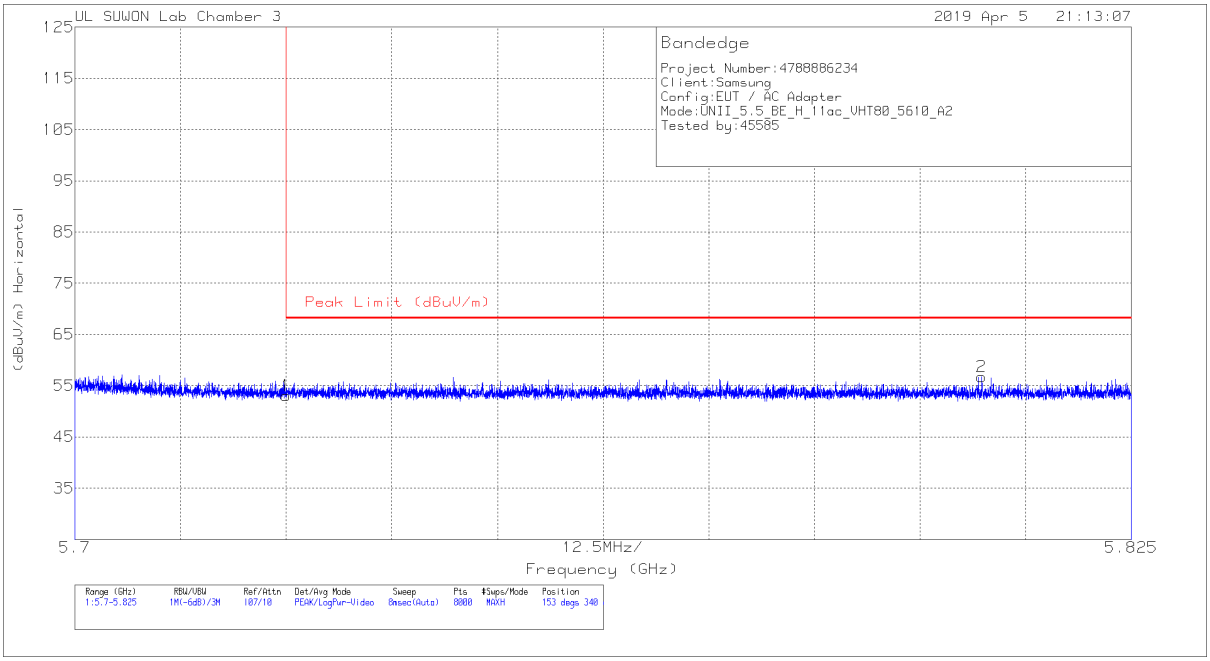
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[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	41.82	Pk	34.7	-18.4	0	58.12	-	-	74	-15.88	198	243	V
2	* 5.455	43.44	Pk	34.7	-18.4	0	59.74	-	-	74	-14.26	198	243	V
3	5.47	41.44	Pk	34.7	-18.5	0	57.64	-	-	68.2	-10.56	198	243	V
4	5.461	43.44	Pk	34.7	-18.4	0	59.74	-	-	68.2	-8.46	198	243	V
5	* 5.46	29.95	RMS	34.7	-19	0	45.65	54	-8.35	-	-	198	243	V
6	* 5.46	31.61	RMS	34.7	-19	0	47.31	54	-6.69	-	-	198	243	V
7	5.47	31.57	RMS	34.7	-18.9	0	47.37	-	-	-	-	198	243	V
8	5.467	32.32	RMS	34.7	-18.9	0	48.12	-	-	-	-	198	243	V

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

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA

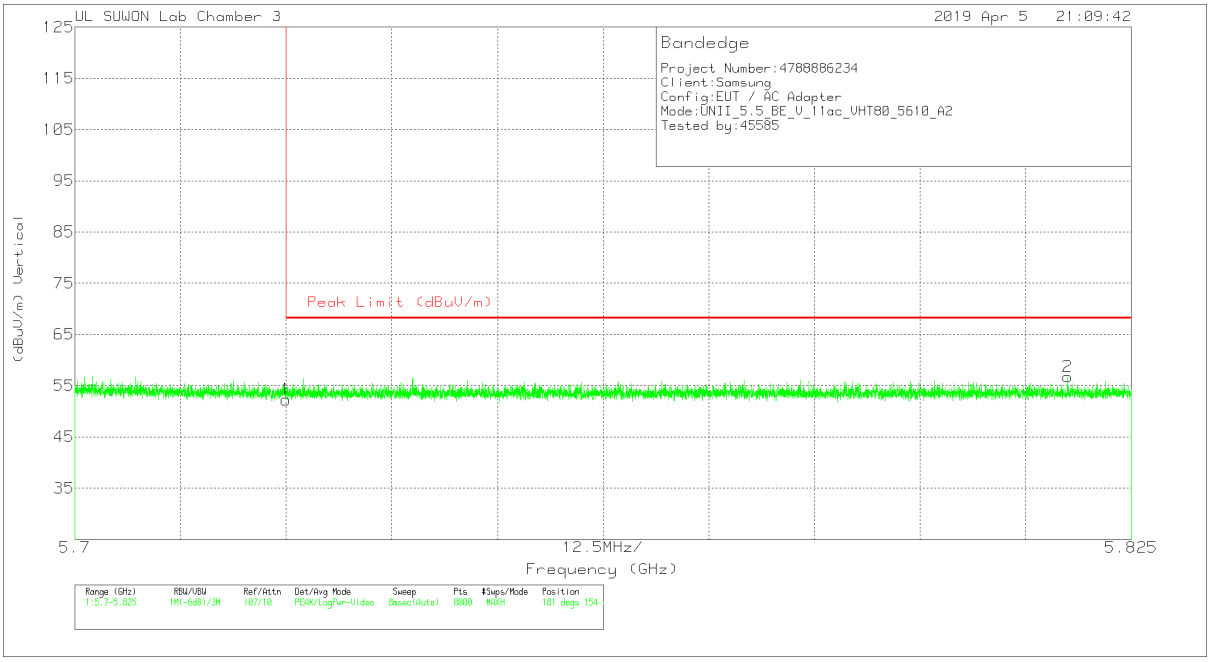


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0020595 9	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	36.21	Pk	34.8	-17.9	0	53.11	68.2	-15.09	153	340	H
2	5.807	39.68	Pk	34.9	-17.8	0	56.78	68.2	-11.42	153	340	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE DATA



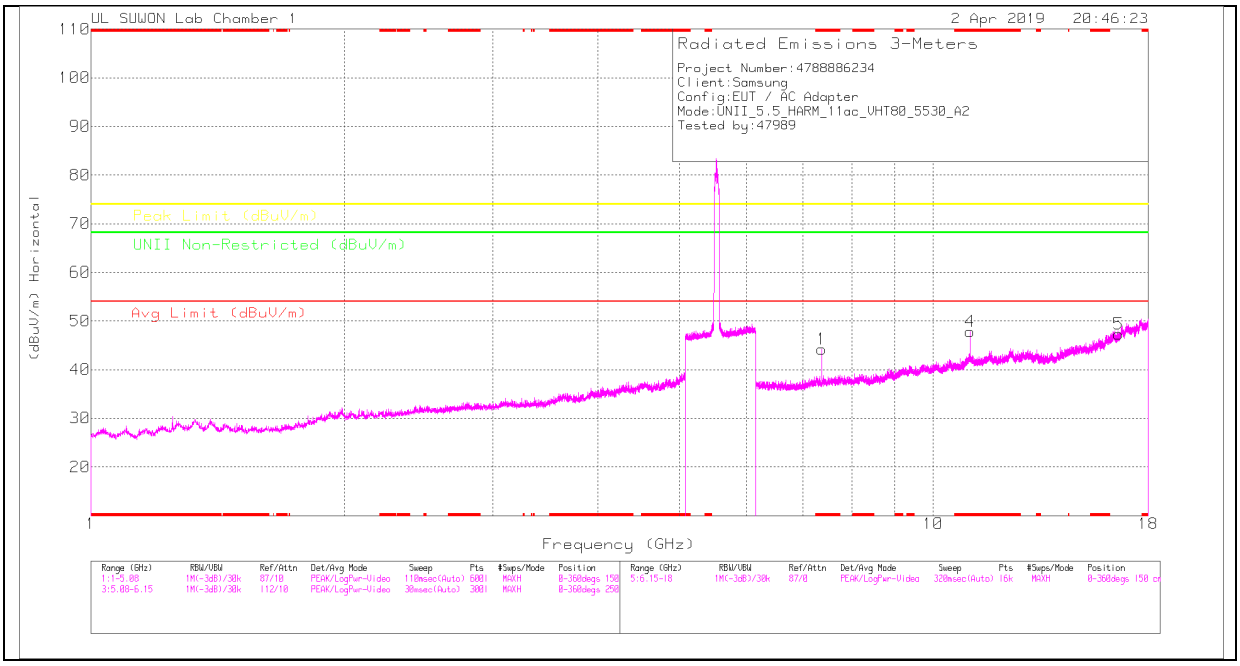
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0020595 9	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	35.37	Pk	34.8	-17.9	0	52.27	68.2	-15.93	181	154	V
2	5.817	39.61	Pk	34.9	-17.8	0	56.71	68.2	-11.49	181	154	V

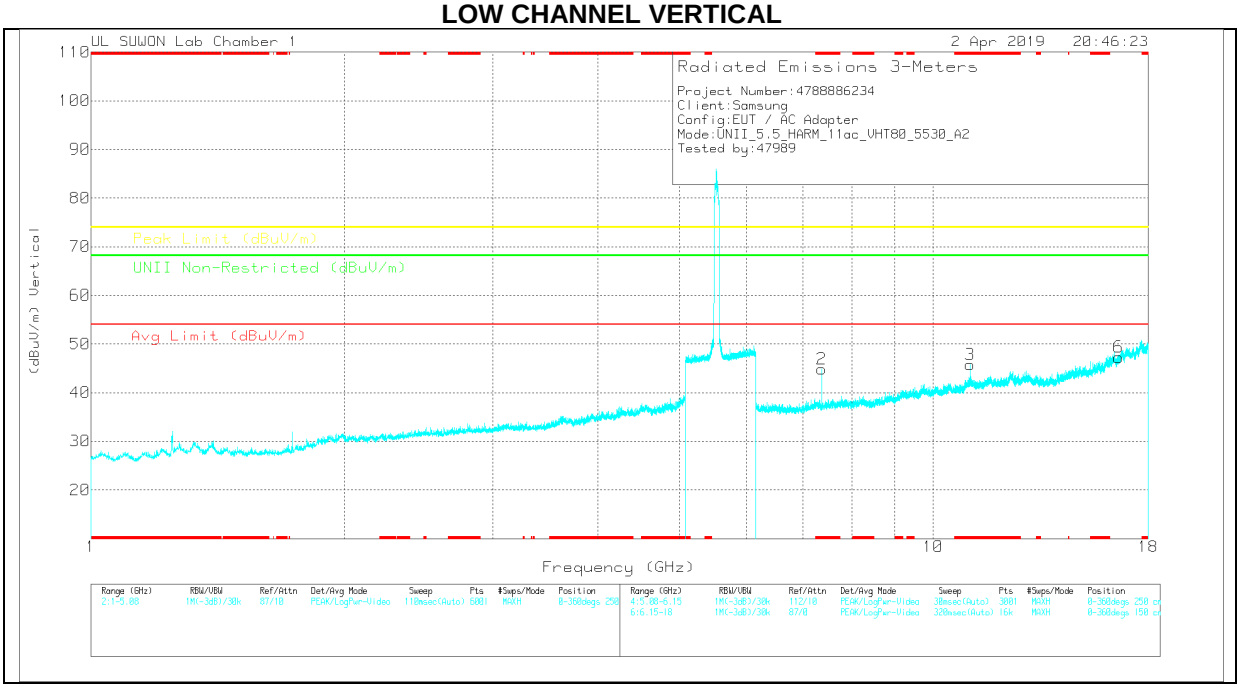
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

LOW CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.373	35.85	PK	35.8	-27.5	0	44.15	-	-	74	-29.85	-	-	0-360	150	H
4	* 11.06	31.76	PK	38.2	-22.1	0	47.86	-	-	74	-26.14	-	-	0-360	150	H
5	16.588	25.14	PK	41	-18.8	0	47.34	-	-	-	-	68.2	-20.86	0-360	250	H
2	* 7.373	36.61	PK	35.8	-27.5	0	44.91	-	-	74	-29.09	-	-	0-360	150	V
3	* 11.059	29.66	PK	38.2	-22.1	0	45.76	-	-	74	-28.24	-	-	0-360	150	V
6	16.591	25.05	PK	41	-18.8	0	47.25	-	-	-	-	68.2	-20.95	0-360	250	V

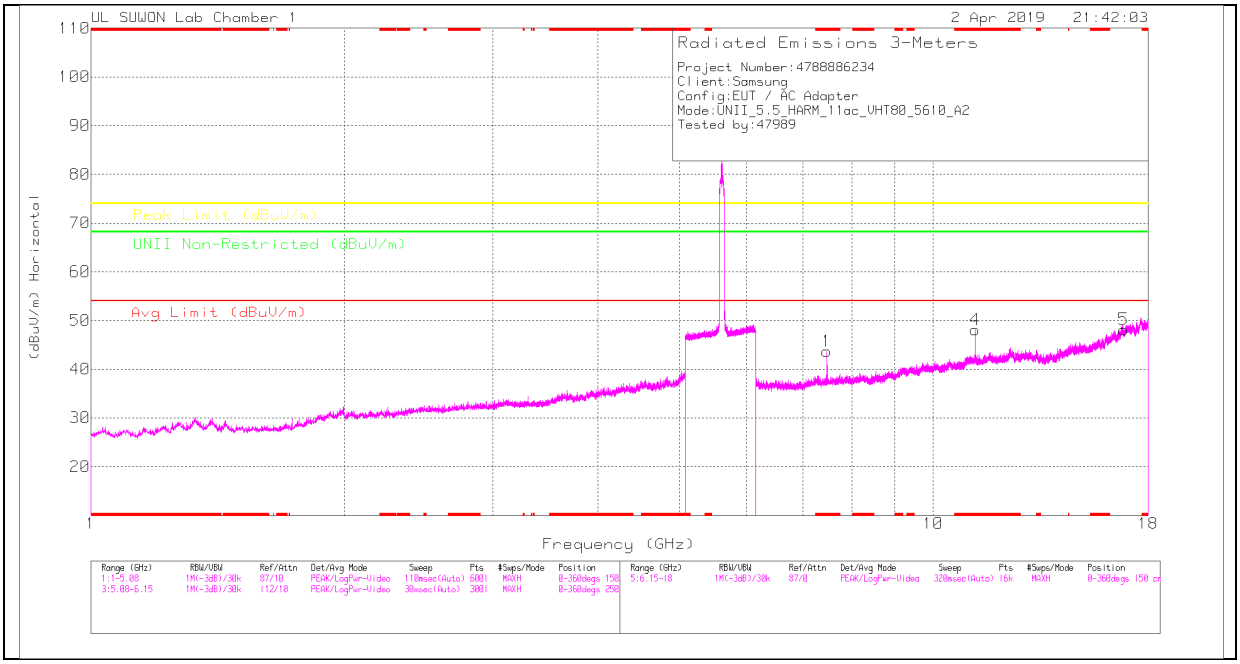
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

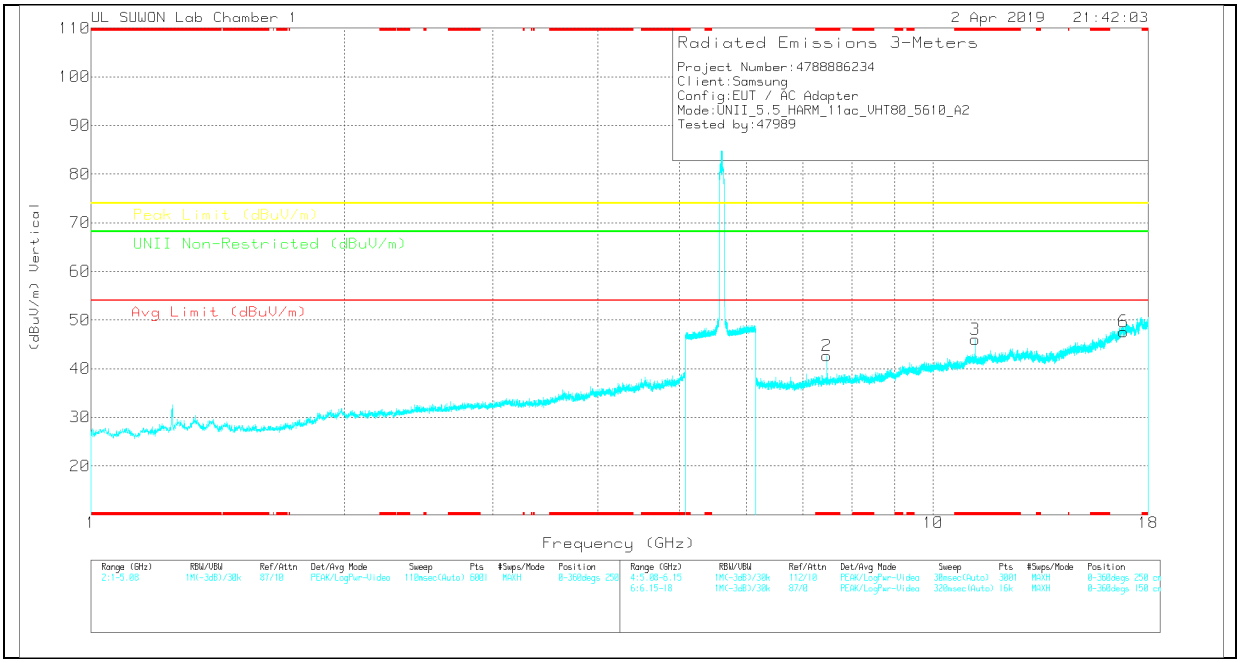
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.373	43.97	PK-U	35.8	-27.5	0	52.27	-	-	74	-21.73	-	-	243	207	H
* 7.373	37.02	ADR	35.8	-27.5	0	45.32	54	-8.68	-	-	-	-	243	207	H
* 7.373	43.2	PK-U	35.8	-27.5	0	51.5	-	-	74	-22.5	-	-	184	163	V
* 7.373	36.26	ADR	35.8	-27.5	0	44.56	54	-9.44	-	-	-	-	184	163	V
* 11.06	38.52	PK-U	38.2	-22.1	0	54.62	-	-	74	-19.38	-	-	212	152	V
* 11.06	29.22	ADR	38.2	-22.1	0	45.32	54	-8.68	-	-	-	-	212	152	V
* 11.06	40.12	PK-U	38.2	-22.1	0	56.22	-	-	74	-17.78	-	-	220	161	H
* 11.06	32.36	ADR	38.2	-22.1	0	48.46	54	-5.54	-	-	-	-	220	161	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 HORIZONTAL



HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.48	35.09	PK	35.8	-27.2	0	43.69	-	-	74	-30.31	-	-	0-360	150	H
4	* 11.22	32.16	PK	38.4	-22.5	0	48.06	-	-	74	-25.94	-	-	0-360	150	H
5	16.829	25.05	PK	41.5	-18.4	0	48.15	-	-	-	-	68.2	-20.05	0-360	250	H
2	* 7.479	33.99	PK	35.8	-27.1	0	42.69	-	-	74	-31.31	-	-	0-360	150	V
3	* 11.22	30.1	PK	38.4	-22.5	0	46	-	-	74	-28	-	-	0-360	150	V
6	16.826	24.43	PK	41.5	-18.3	0	47.63	-	-	-	-	68.2	-20.57	0-360	250	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

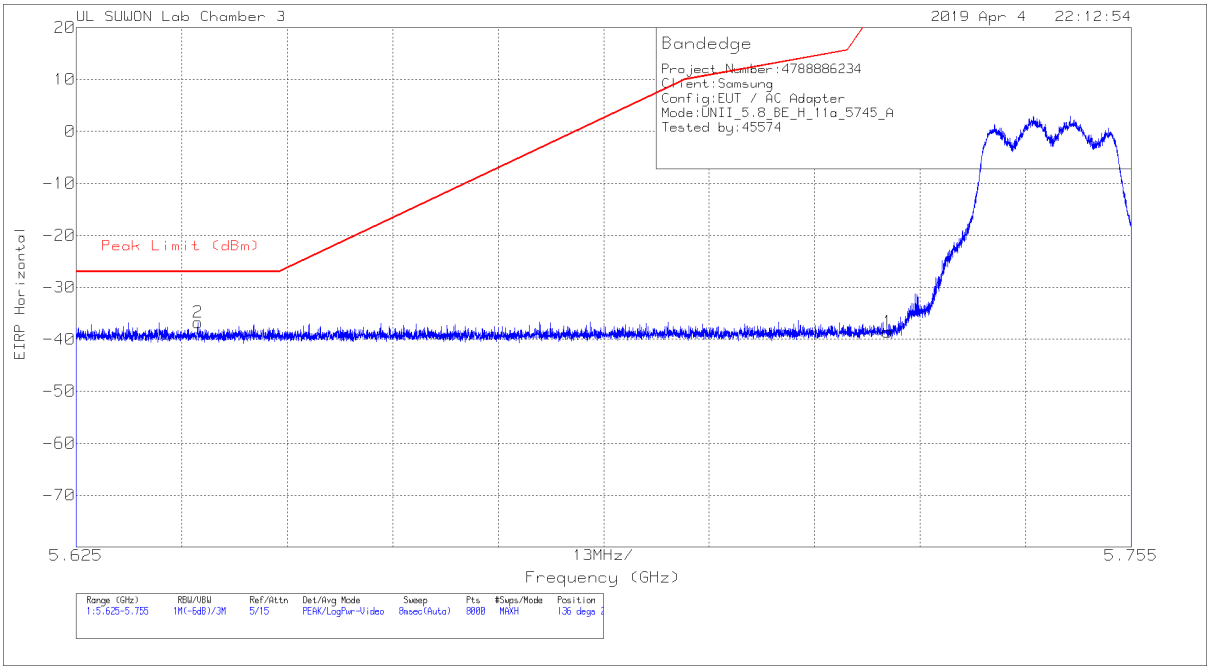
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.48	43.33	PK-U	35.8	-27.2	0	51.93	-	-	74	-22.07	-	-	260	175	H
* 7.48	36.75	ADR	35.8	-27.2	0	45.35	54	-8.65	-	-	-	-	260	175	H
* 7.48	41.47	PK-U	35.8	-27.2	0	50.07	-	-	74	-23.93	-	-	210	165	V
* 7.48	32.55	ADR	35.8	-27.2	0	41.15	54	-12.85	-	-	-	-	210	165	V
* 11.22	38.82	PK-U	38.4	-22.5	0	54.72	-	-	74	-19.28	-	-	212	157	V
* 11.22	29.43	ADR	38.4	-22.5	0	45.33	54	-8.67	-	-	-	-	212	157	V
* 11.22	38.76	PK-U	38.4	-22.5	0	54.66	-	-	74	-19.34	-	-	197	133	H
* 11.22	29.79	ADR	38.4	-22.5	0	45.69	54	-8.31	-	-	-	-	197	133	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

11.4. 5.8 GHz

11.4.1. TX ABOVE 1GHz 802.11a 2Tx CDD MODE IN THE 5.8GHz BAND BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK PLOT

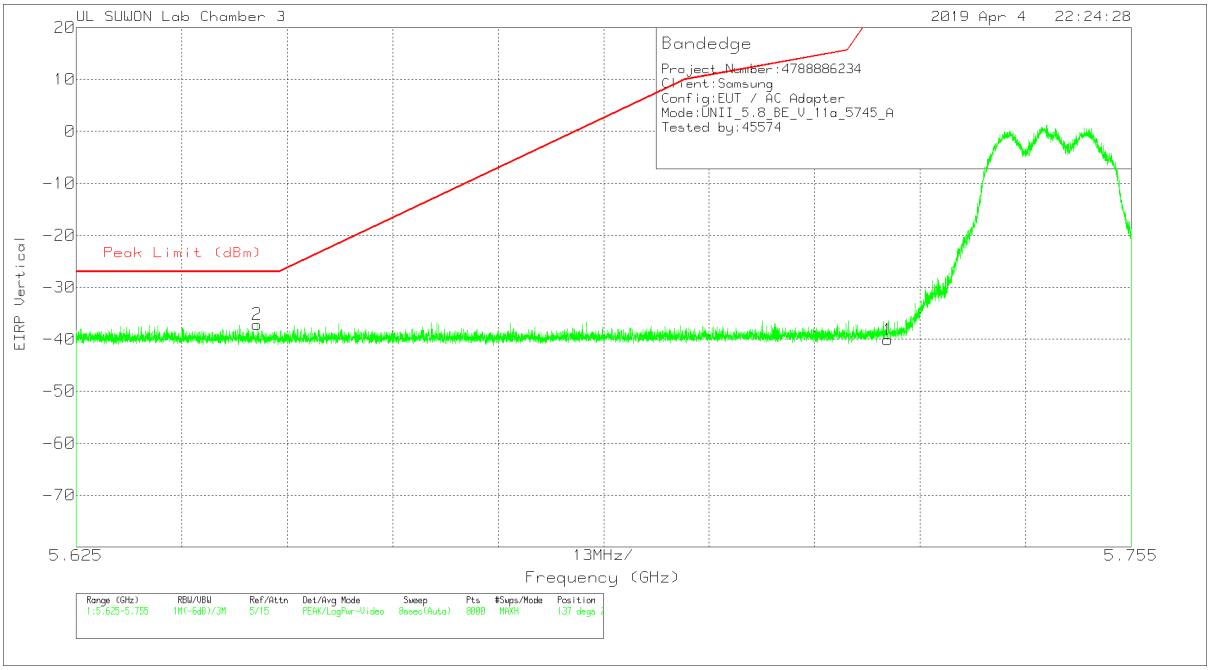


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_0020595 9	10dB[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-67.26	Pk	34.8	-17.9	11.8	-38.56	27	-65.56	136	213	H
2	5.64	-64.96	Pk	34.7	-18.3	11.8	-36.76	-27	-9.76	136	213	H

Pk - Peak detector

VERTICAL PEAK PLOT



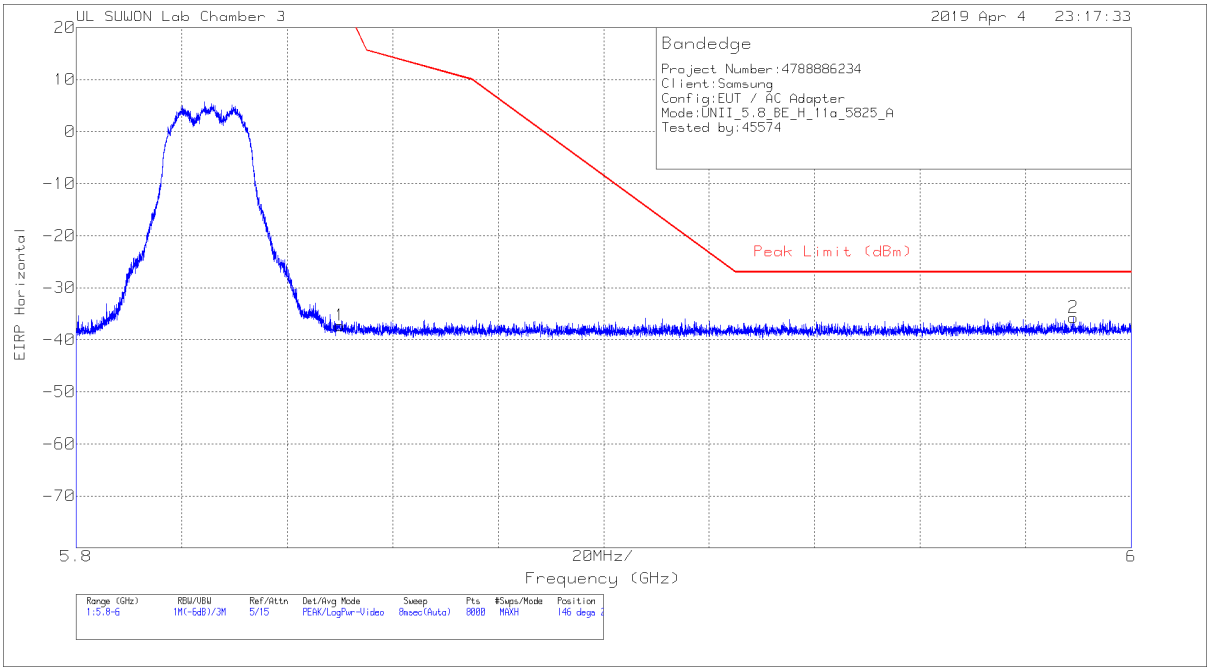
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_0020595 9	10dB[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-68.78	Pk	34.8	-17.9	11.8	-40.08	27	-67.08	137	235	V
2	5.647	-65.46	Pk	34.7	-18.2	11.8	-37.16	-27	-10.16	137	235	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT

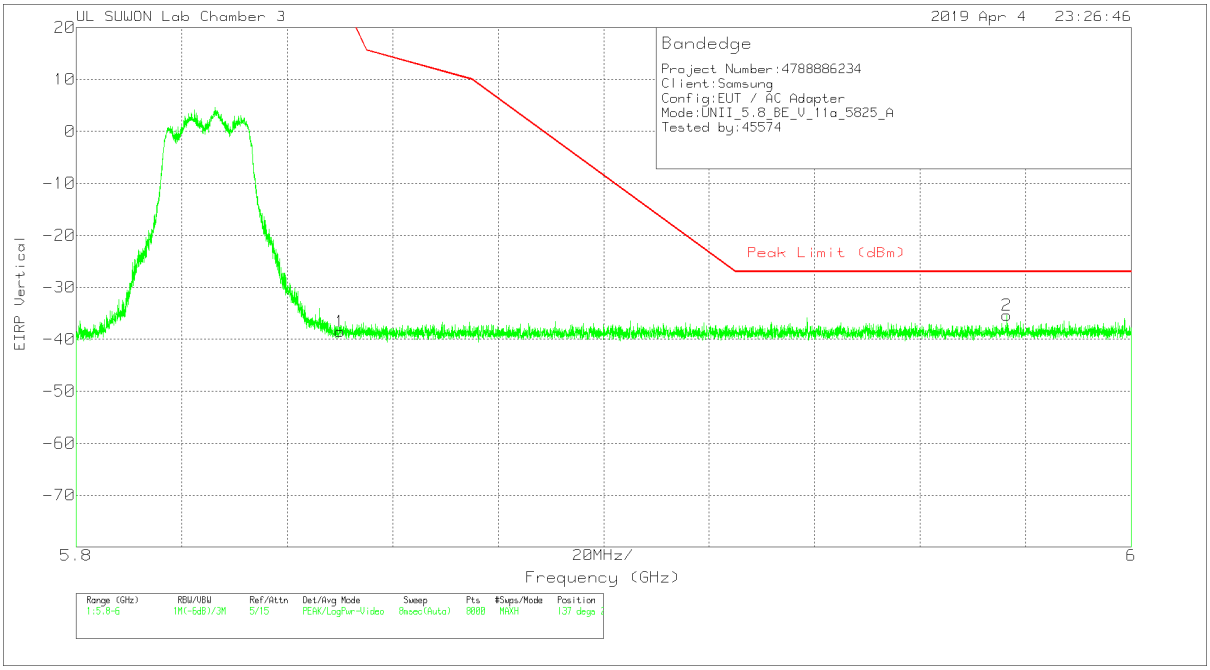


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_0020595 9	10dB[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-66.35	Pk	35	-17.7	11.8	-37.25	26.99	-64.24	146	245	H
2	5.989	-65.01	Pk	35.1	-17.6	11.8	-35.71	-27	-8.71	146	245	H

Pk - Peak detector

VERTICAL PEAK PLOT

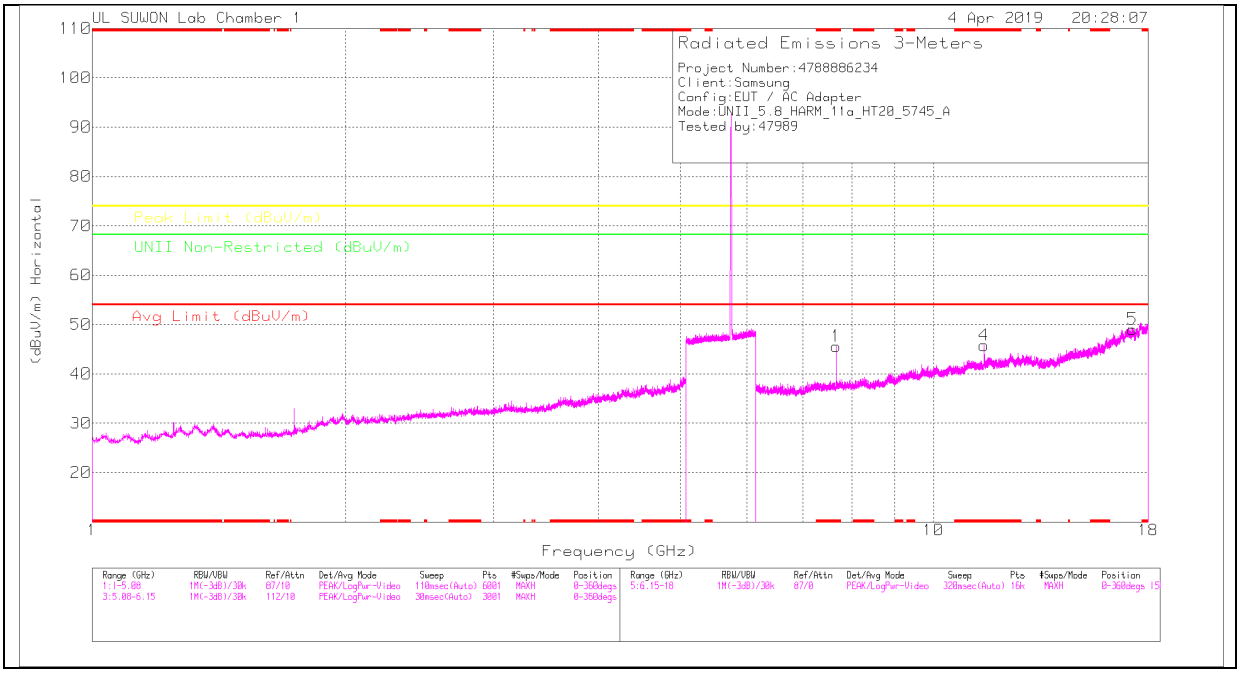


Trace Markers

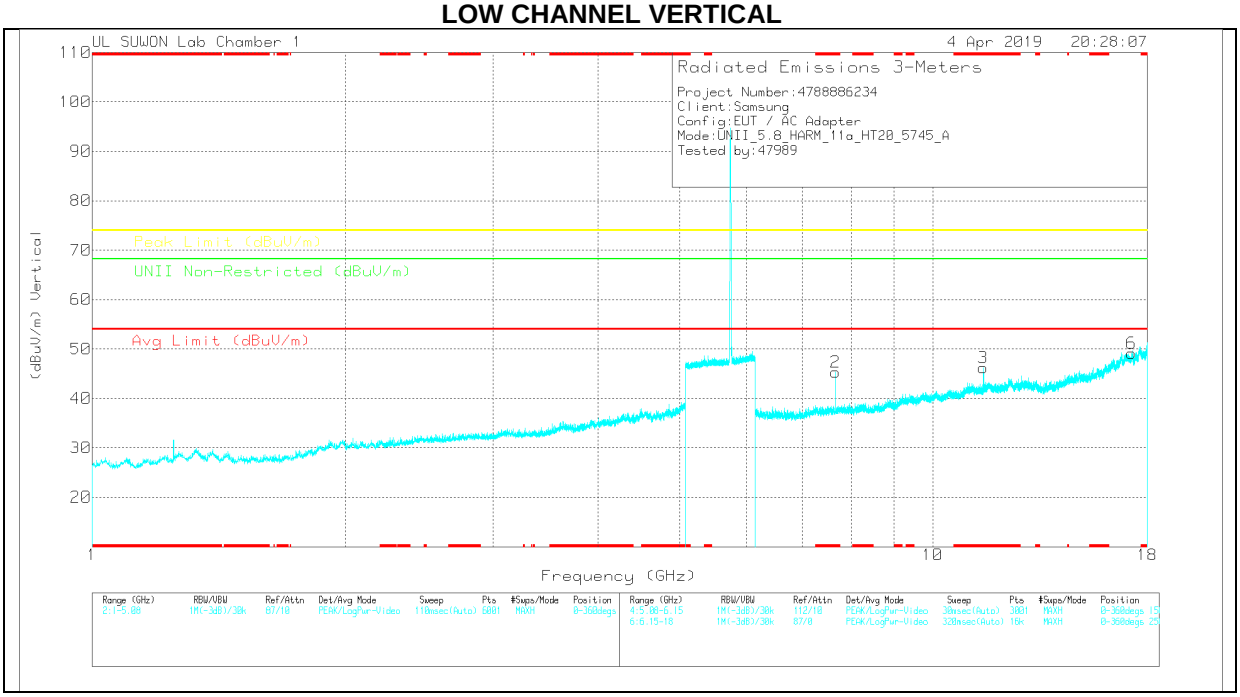
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_0020595 9	10dB[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.62	Pk	35	-17.7	11.8	-38.52	26.99	-65.51	137	232	V
2	5.976	-64.68	Pk	35.1	-17.6	11.8	-35.38	-27	-8.38	137	232	V

Pk - Peak detector

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

LOW CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.66	36.7	PK	35.8	-26.9	0	45.6	-	-	74	-28.4	-	-	0-360	150	H
4	* 11.49	29.58	PK	38.5	-22.3	0	45.78	-	-	74	-28.22	-	-	0-360	150	H
5	17.239	24.46	PK	41.3	-16.7	0	49.06	-	-	-	-	68.2	-19.14	0-360	250	H
2	* 7.659	36.42	PK	35.8	-26.9	0	45.32	-	-	74	-28.68	-	-	0-360	250	V
3	* 11.49	29.99	PK	38.5	-22.3	0	46.19	-	-	74	-27.81	-	-	0-360	150	V
6	17.239	24.52	PK	41.3	-16.7	0	49.12	-	-	-	-	68.2	-19.08	0-360	250	V

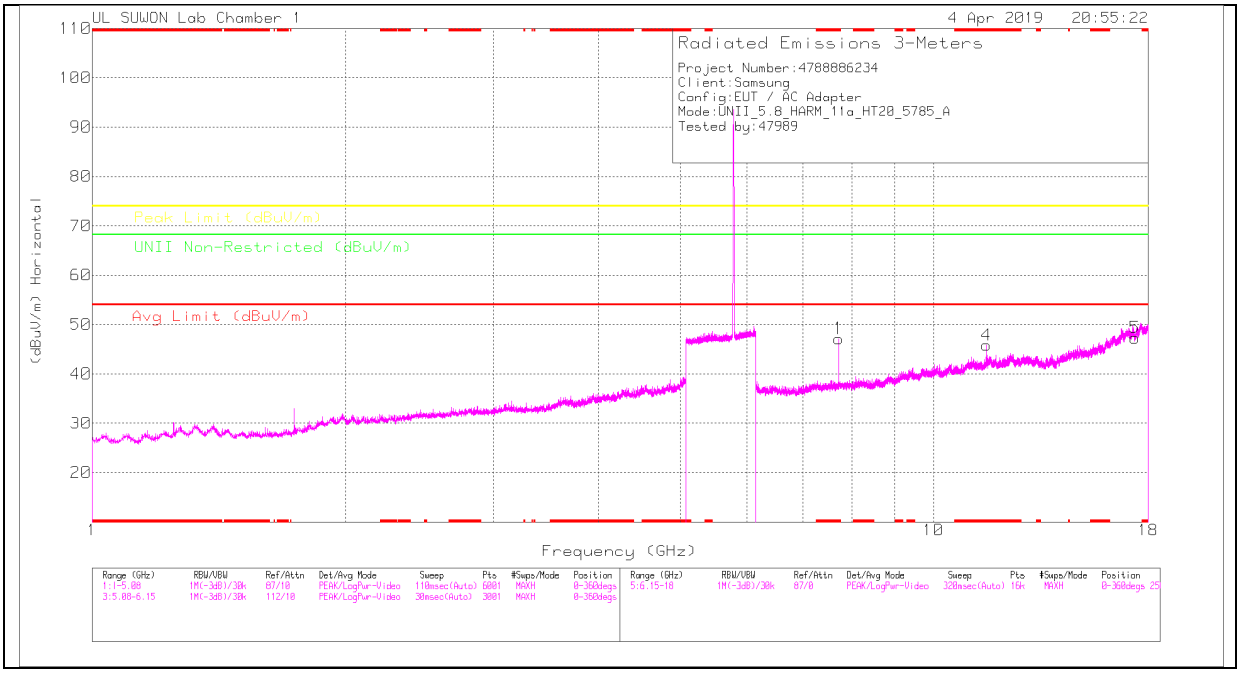
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

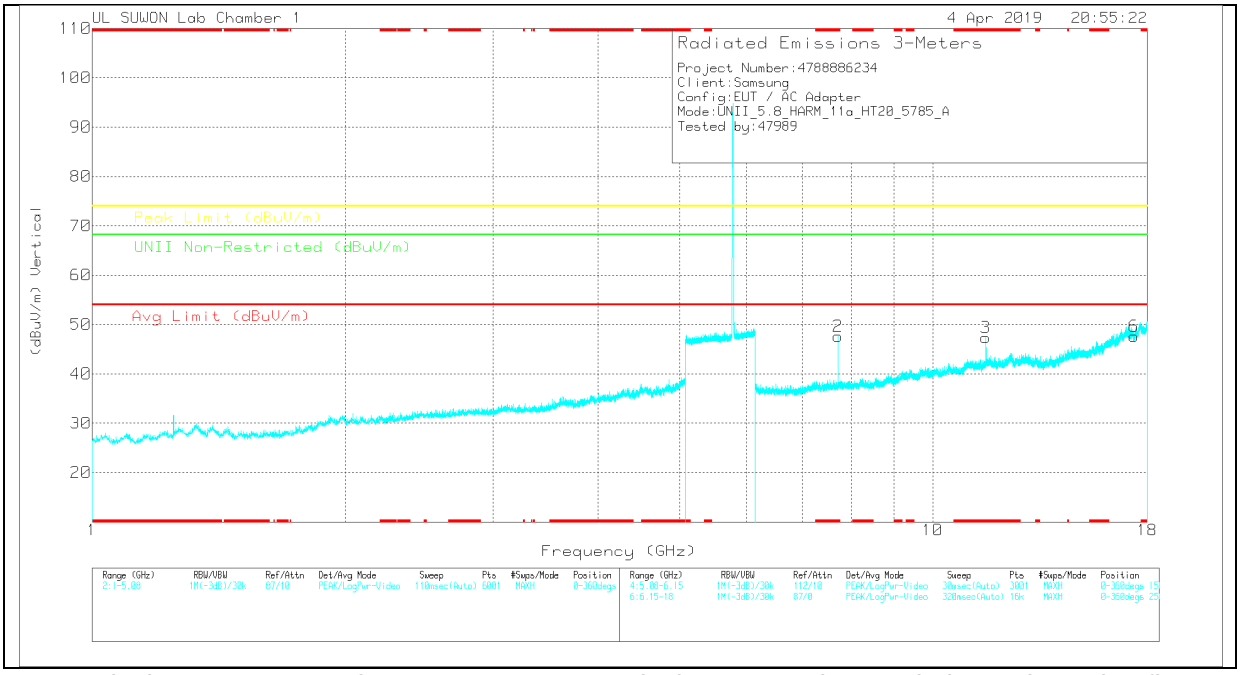
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.66	42.96	PK-U	35.8	-26.9	0	51.86	-	-	74	-22.14	-	-	115	100	H
* 7.66	36.42	ADR	35.8	-26.9	0	45.32	54	-8.68	-	-	-	-	115	100	H
* 7.66	42.39	PK-U	35.8	-26.9	0	51.29	-	-	74	-22.71	-	-	136	105	V
* 7.66	35.65	ADR	35.8	-26.9	0	44.55	54	-9.45	-	-	-	-	136	105	V
* 11.49	39.65	PK-U	38.5	-22.3	0	55.85	-	-	74	-18.15	-	-	103	129	H
* 11.49	28.5	ADR	38.5	-22.3	0	44.7	54	-9.3	-	-	-	-	103	129	H
* 11.49	43.44	PK-U	38.5	-22.3	0	59.64	-	-	74	-14.36	-	-	164	168	V
* 11.49	30.67	ADR	38.5	-22.3	0	46.87	54	-7.13	-	-	-	-	164	168	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 HORIZONTAL



MID CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.713	37.83	PK	35.9	-26.6	0	47.13	-	-	74	-26.87	-	-	0-360	150	H
4	* 11.57	29.71	PK	38.6	-22.5	0	45.81	-	-	74	-28.19	-	-	0-360	150	H
5	17.355	23.71	PK	41.2	-17.6	0	47.31	-	-	-	-	68.2	-20.89	0-360	150	H
2	* 7.713	38.3	PK	35.9	-26.6	0	47.6	-	-	74	-26.4	-	-	0-360	150	V
3	* 11.57	31.26	PK	38.6	-22.5	0	47.36	-	-	74	-26.64	-	-	0-360	150	V
6	17.355	23.98	PK	41.2	-17.6	0	47.58	-	-	-	-	68.2	-20.62	0-360	250	V

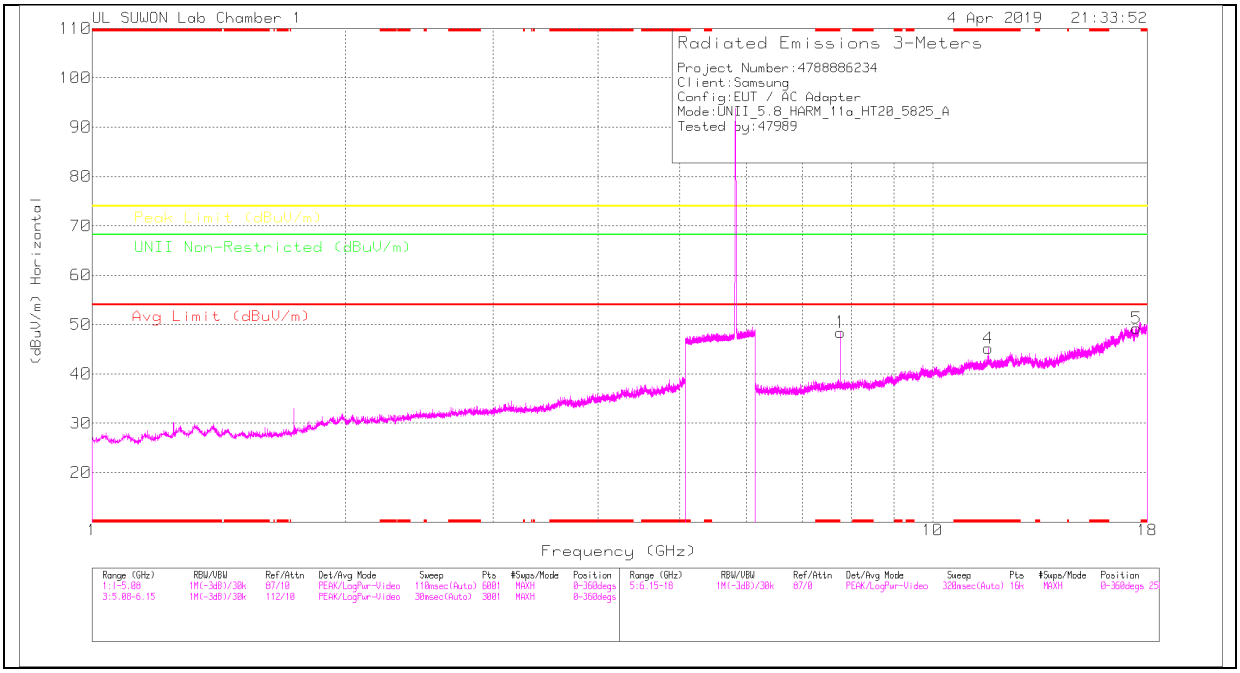
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

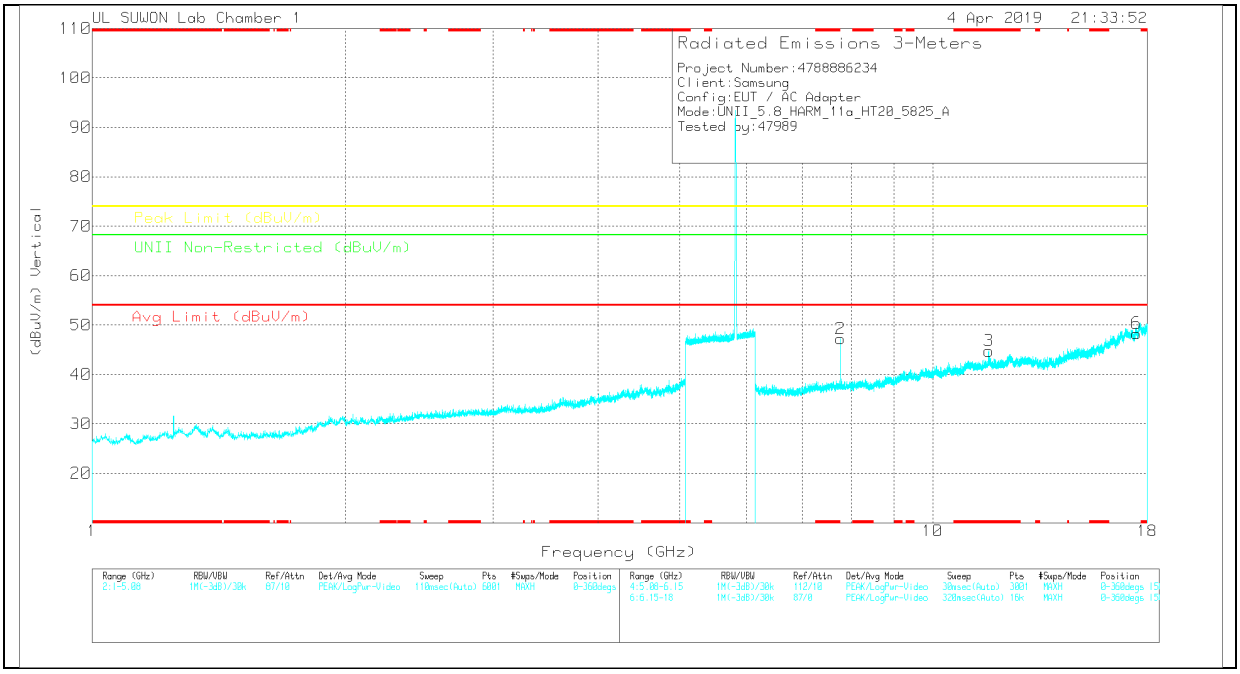
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.713	43.92	PK-U	35.9	-26.6	0	53.22	-	-	74	-20.78	-	-	120	343	H
* 7.713	38.32	ADR	35.9	-26.6	0	47.62	54	-6.38	-	-	-	-	120	343	H
* 7.713	43.26	PK-U	35.9	-26.6	0	52.56	-	-	74	-21.44	-	-	190	394	V
* 7.713	37.65	ADR	35.9	-26.6	0	46.95	54	-7.05	-	-	-	-	190	394	V
* 11.57	42.84	PK-U	38.6	-22.5	0	58.94	-	-	74	-15.06	-	-	167	171	V
* 11.57	30.58	ADR	38.6	-22.5	0	46.68	54	-7.32	-	-	-	-	167	171	V
* 11.57	39.43	PK-U	38.6	-22.5	0	55.53	-	-	74	-18.47	-	-	100	163	H
* 11.57	28.54	ADR	38.6	-22.5	0	44.64	54	-9.36	-	-	-	-	100	163	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 HORIZONTAL



HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.766	38.91	PK	35.9	-26.4	0	48.41	-	-	-	-	68.2	-19.79	0-360	150	H
4	* 11.65	28.16	PK	38.7	-21.7	0	45.16	-	-	74	-28.84	-	-	0-360	250	H
5	17.476	24.55	PK	41.2	-16.5	0	49.25	-	-	-	-	68.2	-18.95	0-360	250	H
2	7.767	37.7	PK	35.9	-26.4	0	47.2	-	-	-	-	68.2	-21	0-360	150	V
3	* 11.655	27.66	PK	38.7	-21.6	0	44.76	-	-	74	-29.24	-	-	0-360	150	V
6	17.476	23.59	PK	41.2	-16.5	0	48.29	-	-	-	-	68.2	-19.91	0-360	250	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

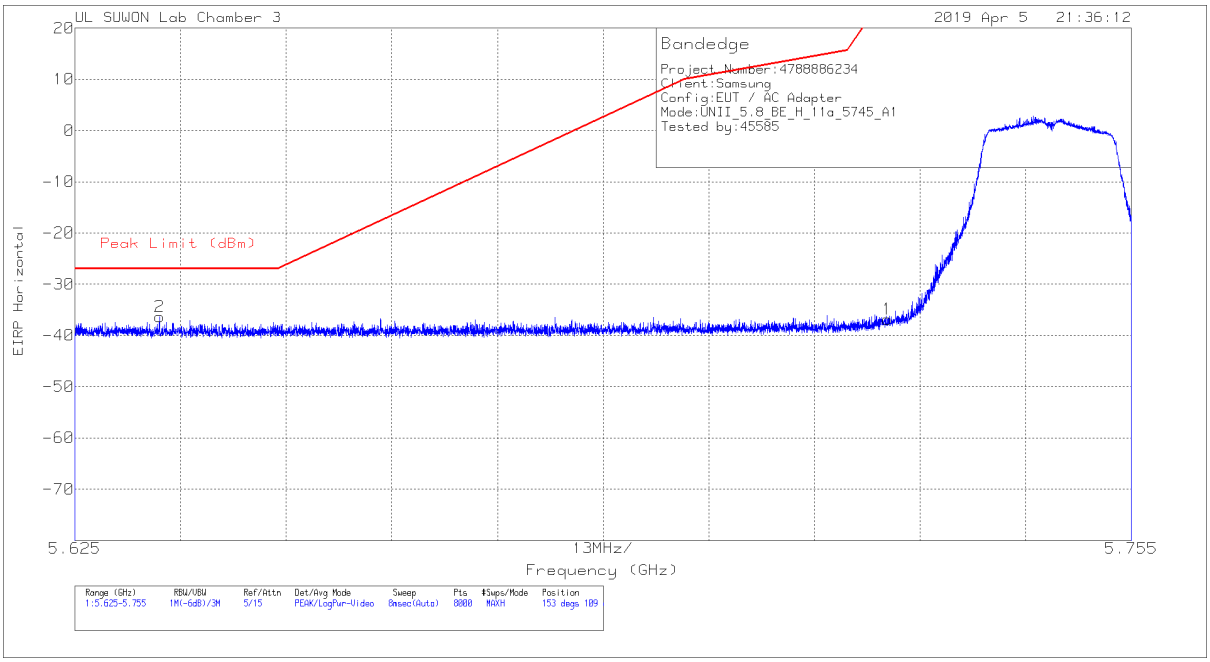
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
7.767	44.03	PK-U	35.9	-26.4	0	53.53	-	-	-	-	68.2	-14.67	110	187	H
7.766	43.35	PK-U	35.9	-26.4	0	52.85	-	-	-	-	68.2	-15.35	137	128	V
* 11.65	43.01	PK-U	38.7	-21.7	0	60.01	-	-	74	-13.99	-	-	171	179	V
* 11.65	30.11	ADR	38.7	-21.7	0	47.11	54	-6.89	-	-	-	-	171	179	V
* 11.65	38.02	PK-U	38.7	-21.7	0	55.02	-	-	74	-18.98	-	-	103	146	H
* 11.65	26.53	ADR	38.7	-21.7	0	43.53	54	-10.47	-	-	-	-	103	146	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

11.4.2.TX ABOVE 1GHz 802.11a 1Tx ANT1 IN THE 5.8GHz BAND BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK PLOT

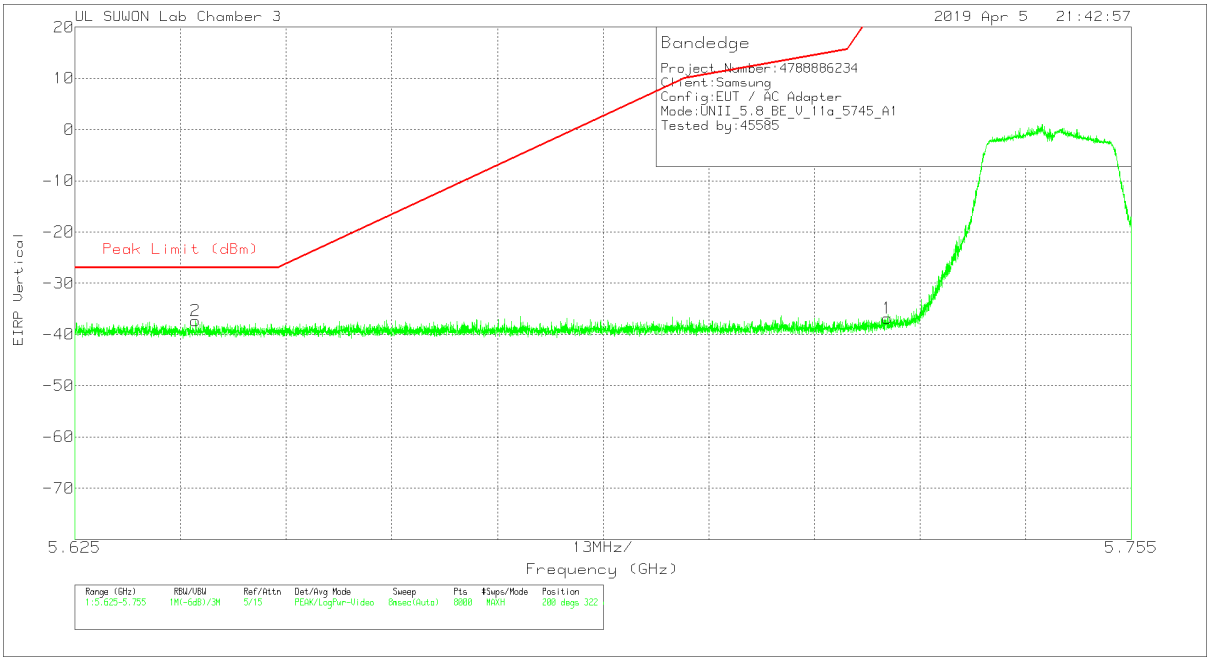


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-65.52	Pk	34.8	-17.9	11.8	0	-36.82	27	-63.82	153	109	H
2	5.635	-64.65	Pk	34.7	-18.2	11.8	0	-36.35	-27	-9.35	153	109	H

Pk - Peak detector

VERTICAL PEAK PLOT



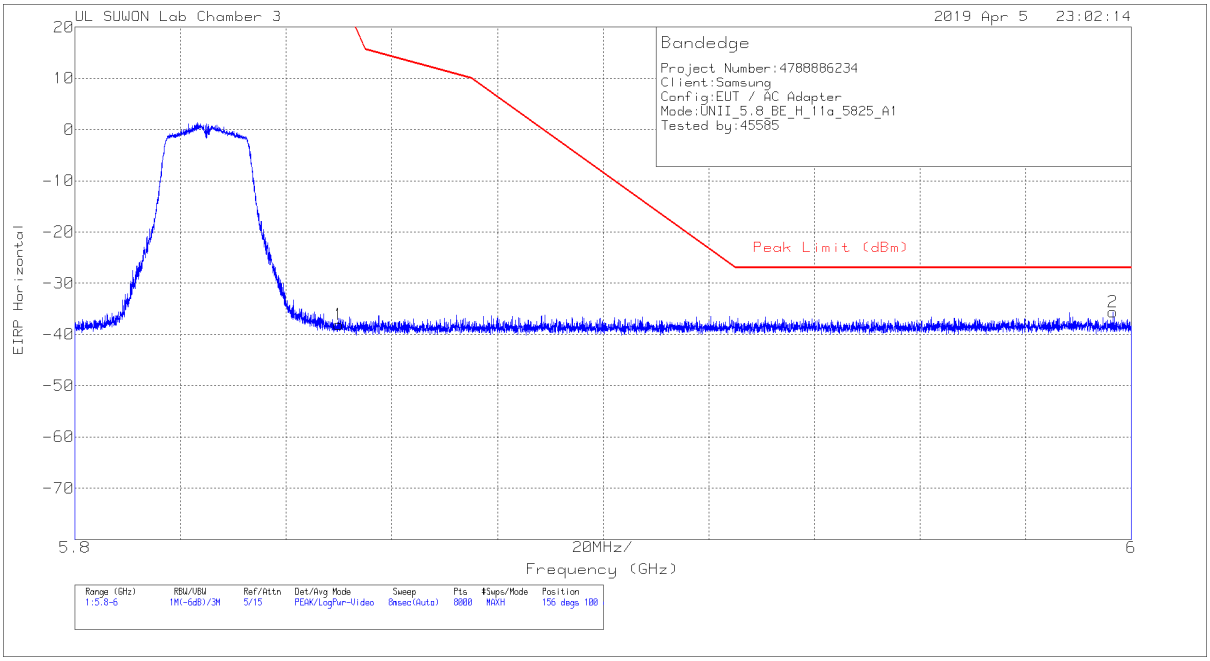
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-65.57	Pk	34.8	-17.9	11.8	0	-36.87	27	-63.87	200	322	V
2	5.64	-65.47	Pk	34.7	-18.3	11.8	0	-37.27	-27	-10.27	200	322	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT

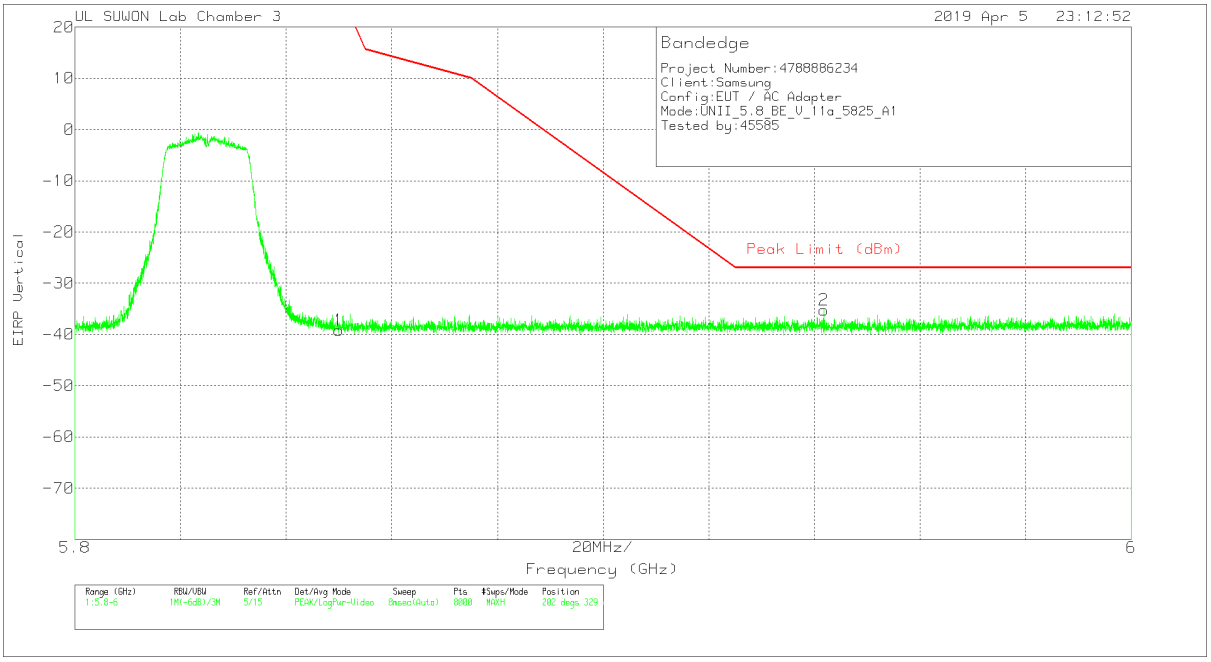


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.17	Pk	35	-17.7	11.8	0	-38.07	26.99	-65.06	156	100	H
2	5.996	-64.9	Pk	35.1	-17.6	11.8	0	-35.6	-27	-8.6	156	100	H

Pk - Peak detector

VERTICAL PEAK PLOT

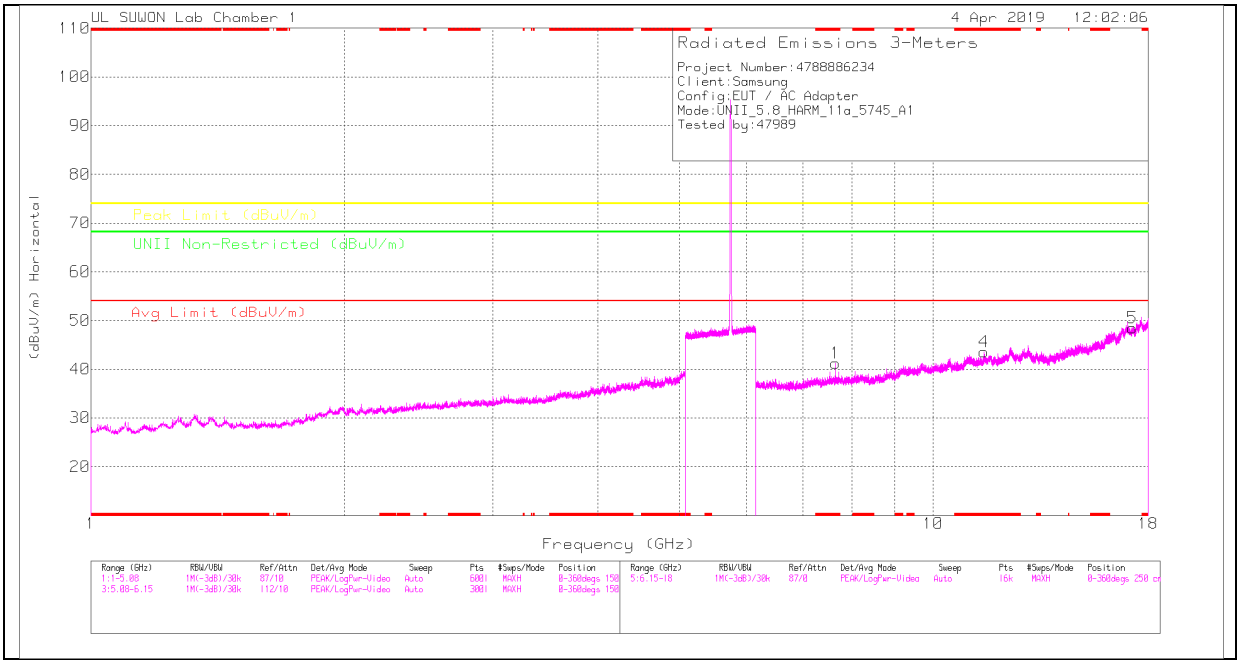


Trace Markers

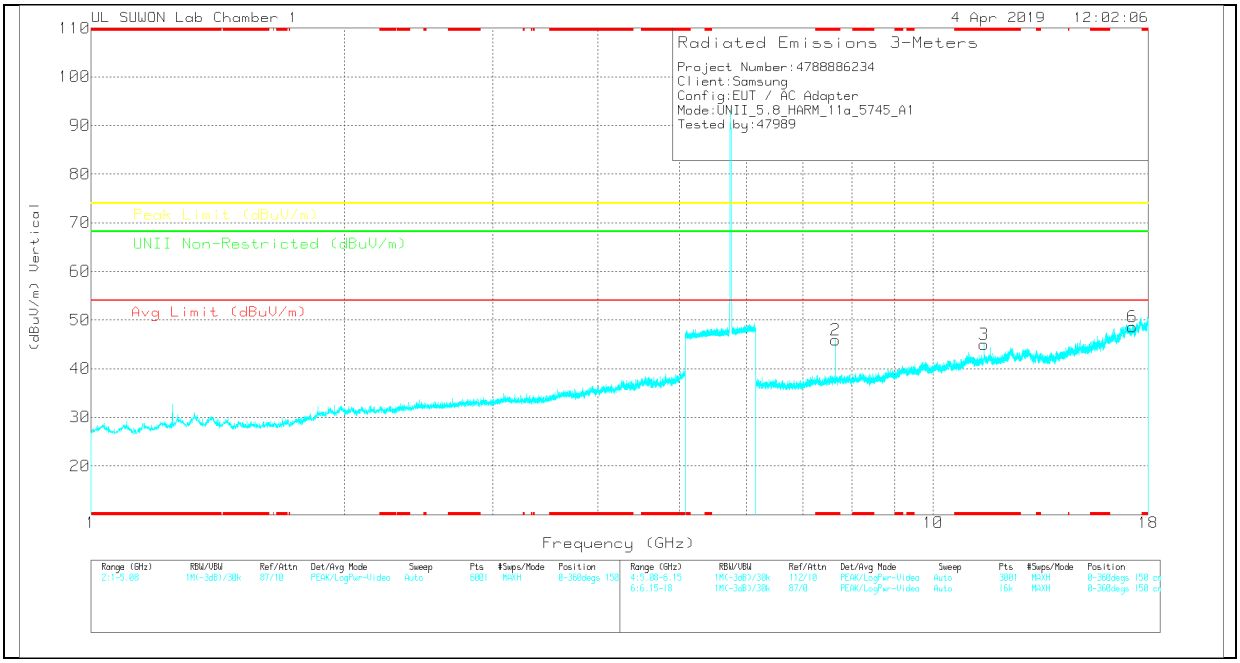
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.27	Pk	35	-17.7	11.8	0	-39.17	26.99	-66.16	202	329	V
2	5.942	-64.41	Pk	35.1	-17.7	11.8	0	-35.21	-27	-8.21	202	329	V

Pk - Peak detector

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

LOW CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.659	32.31	PK	35.8	-26.9	0	41.21	-	-	74	-32.79	-	-	0-360	150	H
4	* 11.488	27.39	PK	38.5	-22.3	0	43.59	-	-	74	-30.41	-	-	0-360	250	H
5	17.231	24.03	PK	41.3	-16.8	0	48.53	-	-	-	-	68.2	-19.67	0-360	250	H
2	* 7.66	36.95	PK	35.8	-26.9	0	45.85	-	-	74	-28.15	-	-	0-360	150	V
3	* 11.487	28.73	PK	38.5	-22.3	0	44.93	-	-	74	-29.07	-	-	0-360	150	V
6	17.236	23.98	PK	41.3	-16.7	0	48.58	-	-	-	-	68.2	-19.62	0-360	250	V

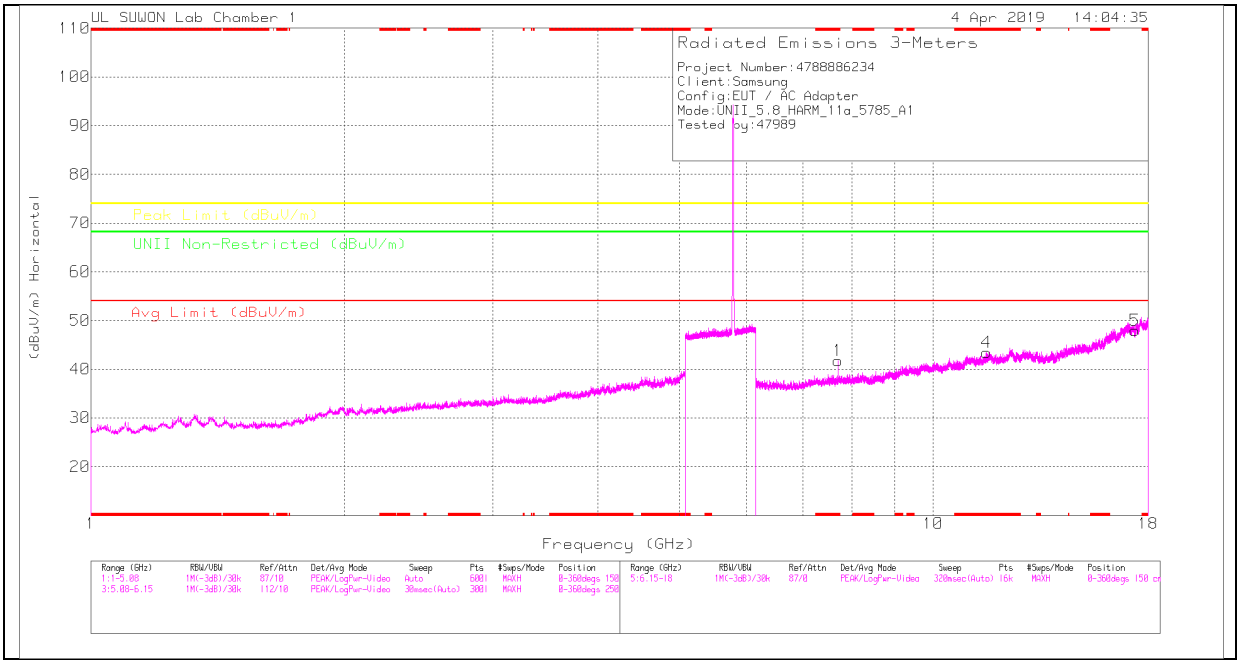
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

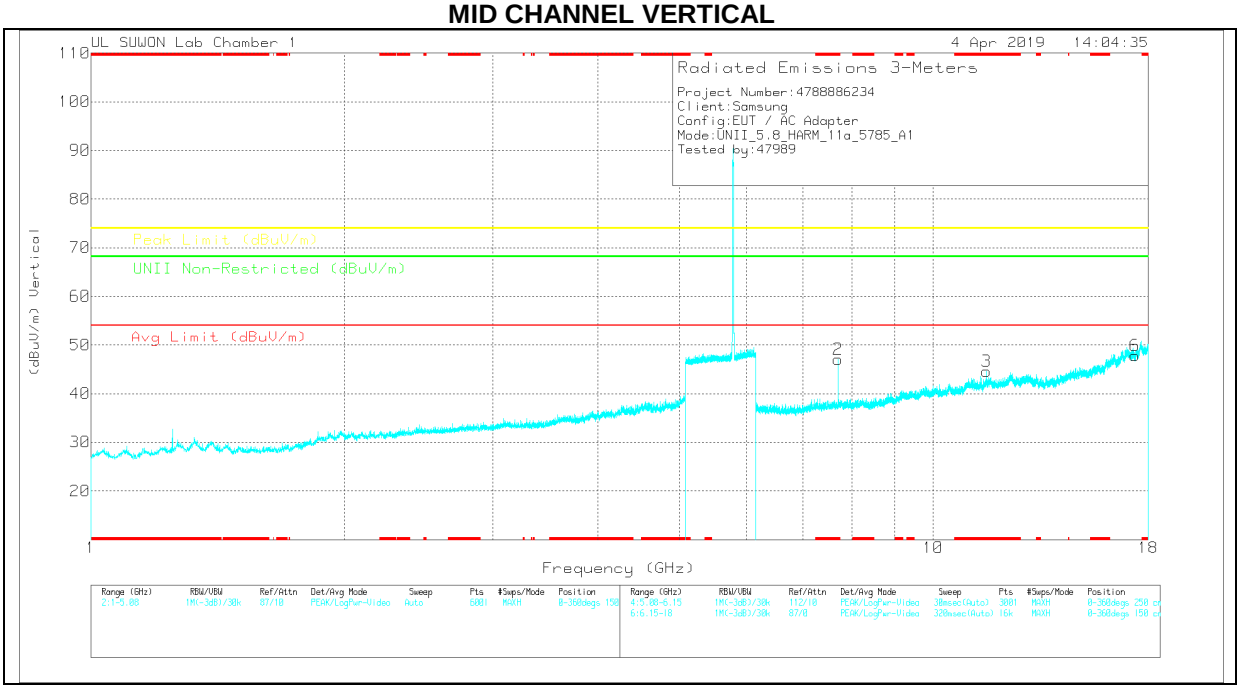
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.66	41.91	PK-U	35.8	-26.9	0	50.81	-	-	74	-23.19	-	-	105	102	H
* 7.66	33.92	ADR	35.8	-26.9	0	42.82	54	-11.18	-	-	-	-	105	102	H
* 7.66	42.91	PK-U	35.8	-26.9	0	51.81	-	-	74	-22.19	-	-	76	103	V
* 7.66	37.31	ADR	35.8	-26.9	0	46.21	54	-7.79	-	-	-	-	76	103	V
* 11.496	38.07	PK-U	38.5	-22.3	0	54.27	-	-	74	-19.73	-	-	155	140	H
* 11.491	26.06	ADR	38.5	-22.3	0	42.26	54	-11.74	-	-	-	-	155	140	H
* 11.486	42.18	PK-U	38.5	-22.3	0	58.38	-	-	74	-15.62	-	-	64	111	V
* 11.49	29.06	ADR	38.5	-22.3	0	45.26	54	-8.74	-	-	-	-	64	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

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.713	32.46	PK	35.9	-26.6	0	41.76	-	-	74	-32.24	-	-	0-360	150	H
4	* 11.571	27.32	PK	38.6	-22.5	0	43.42	-	-	74	-30.58	-	-	0-360	250	H
5	17.351	24.24	PK	41.2	-17.5	0	47.94	-	-	-	-	68.2	-20.26	0-360	250	H
2	* 7.713	37.77	PK	35.9	-26.6	0	47.07	-	-	74	-26.93	-	-	0-360	150	V
3	* 11.566	28.52	PK	38.6	-22.5	0	44.62	-	-	74	-29.38	-	-	0-360	150	V
6	17.356	24.27	PK	41.2	-17.6	0	47.87	-	-	-	-	68.2	-20.33	0-360	150	V

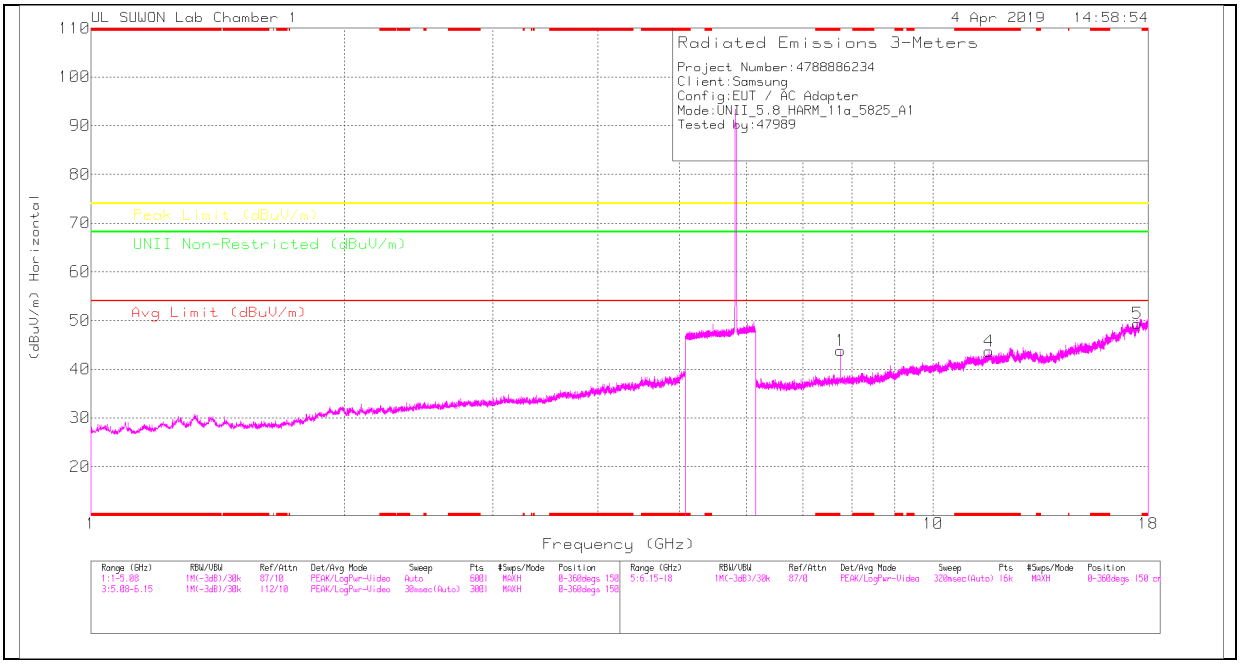
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

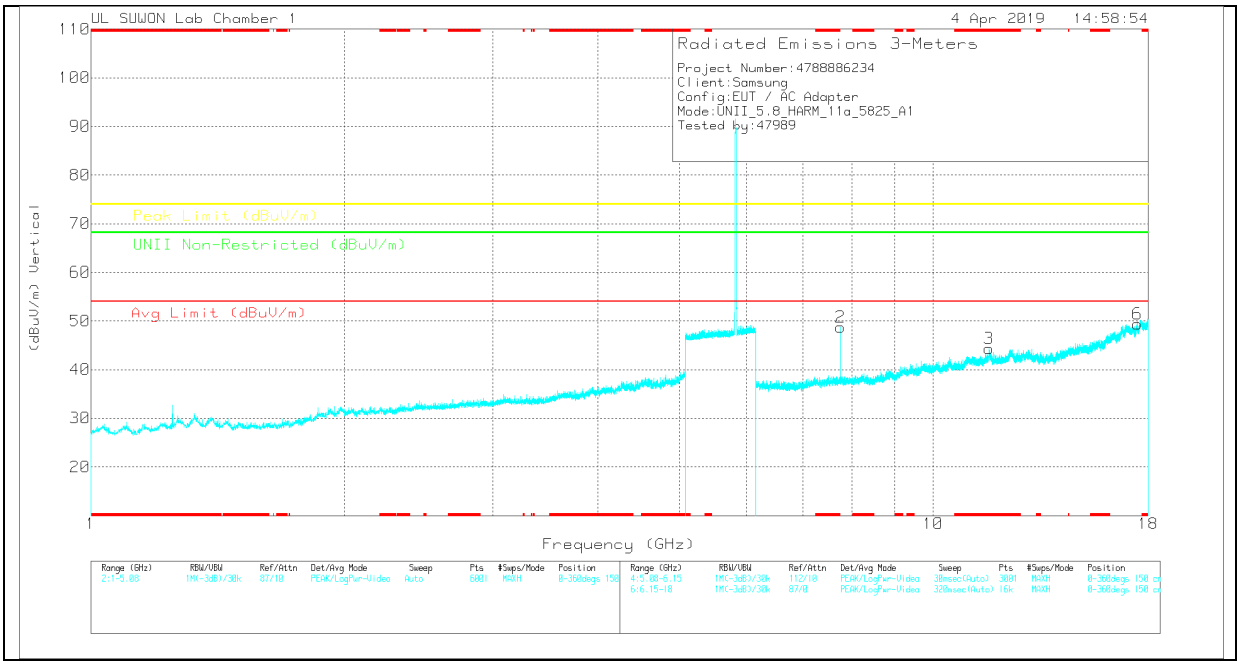
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.713	41.61	PK-U	35.9	-26.6	0	50.91	-	-	74	-23.09	-	-	25	106	H
* 7.713	33.86	ADR	35.9	-26.6	0	43.16	54	-10.84	-	-	-	-	25	106	H
* 7.713	43.8	PK-U	35.9	-26.6	0	53.1	-	-	74	-20.9	-	-	82	112	V
* 7.713	38.97	ADR	35.9	-26.6	0	48.27	54	-5.73	-	-	-	-	82	112	V
* 11.568	41.9	PK-U	38.6	-22.5	0	58	-	-	74	-16	-	-	173	100	V
* 11.57	28.26	ADR	38.6	-22.5	0	44.36	54	-9.64	-	-	-	-	173	100	V
* 11.567	37.15	PK-U	38.6	-22.5	0	53.25	-	-	74	-20.75	-	-	155	131	H
* 11.57	25.22	ADR	38.6	-22.5	0	41.32	54	-12.68	-	-	-	-	155	131	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 HORIZONTAL



HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.766	34.37	PK	35.9	-26.4	0	43.87	-	-	-	-	68.2	-24.33	0-360	150	H
4	* 11.654	26.54	PK	38.7	-21.6	0	43.64	-	-	74	-30.36	-	-	0-360	150	H
5	17.47	24.67	PK	41.2	-16.5	0	49.37	-	-	-	-	68.2	-18.83	0-360	250	H
2	7.767	39.21	PK	35.9	-26.4	0	48.71	-	-	-	-	68.2	-19.49	0-360	150	V
3	* 11.65	27.39	PK	38.7	-21.7	0	44.39	-	-	74	-29.61	-	-	0-360	150	V
6	17.474	24.69	PK	41.2	-16.5	0	49.39	-	-	-	-	68.2	-18.81	0-360	150	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

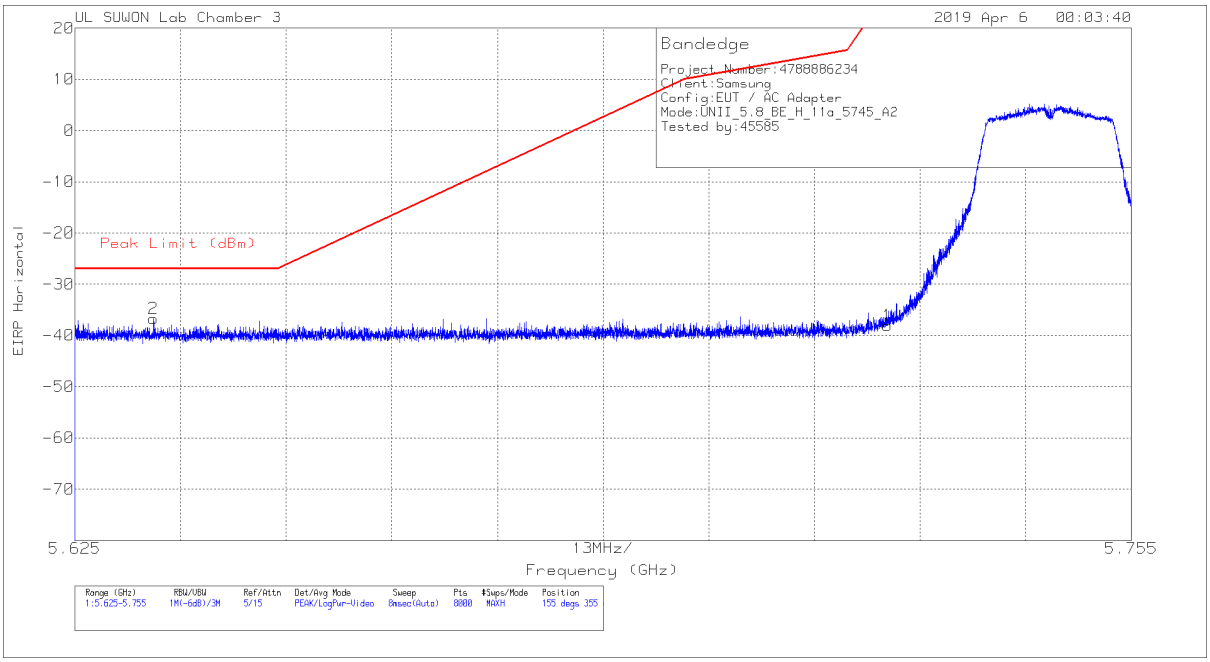
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
7.766	41.83	PK-U	35.9	-26.4	0	51.33	-	-	-	-	68.2	-16.87	22	112	H
7.767	43.83	PK-U	35.9	-26.4	0	53.33	-	-	-	-	68.2	-14.87	73	120	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak

11.4.3.TX ABOVE 1GHz 802.11a 1Tx ANT2 IN THE 5.8GHz BAND BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK PLOT

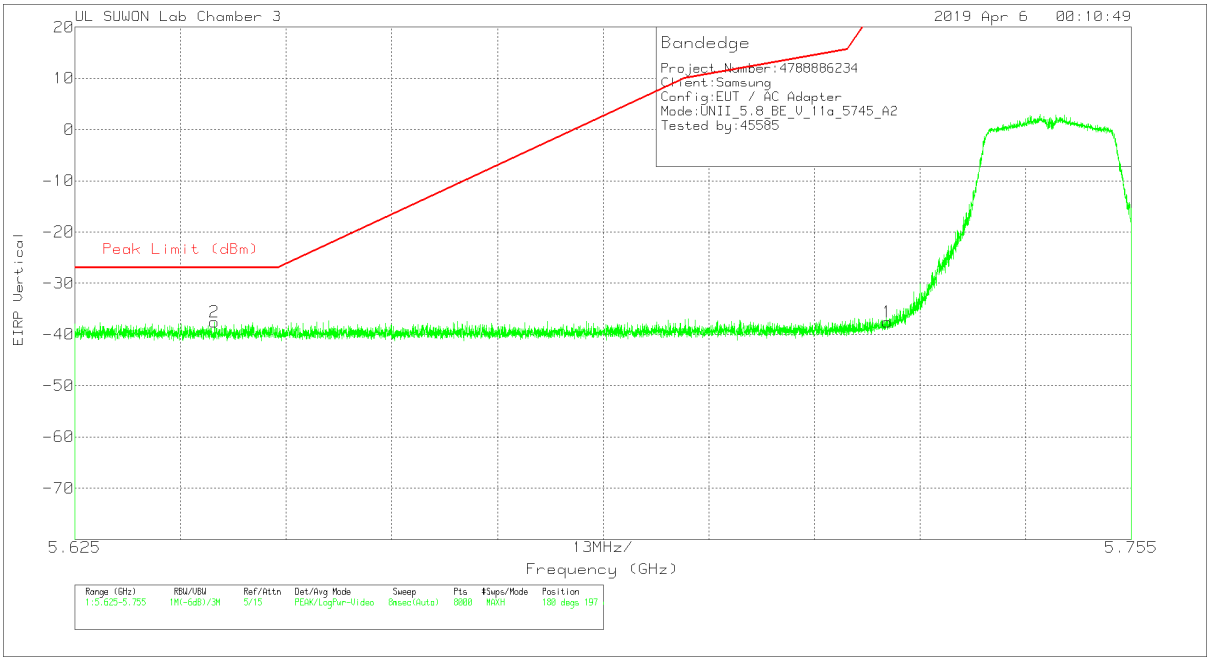


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-66.8	Pk	34.8	-17.9	11.8	0	-38.1	27	-65.1	155	355	H
2	5.635	-64.94	Pk	34.7	-18.3	11.8	0	-36.74	-27	-9.74	155	355	H

Pk - Peak detector

VERTICAL PEAK PLOT



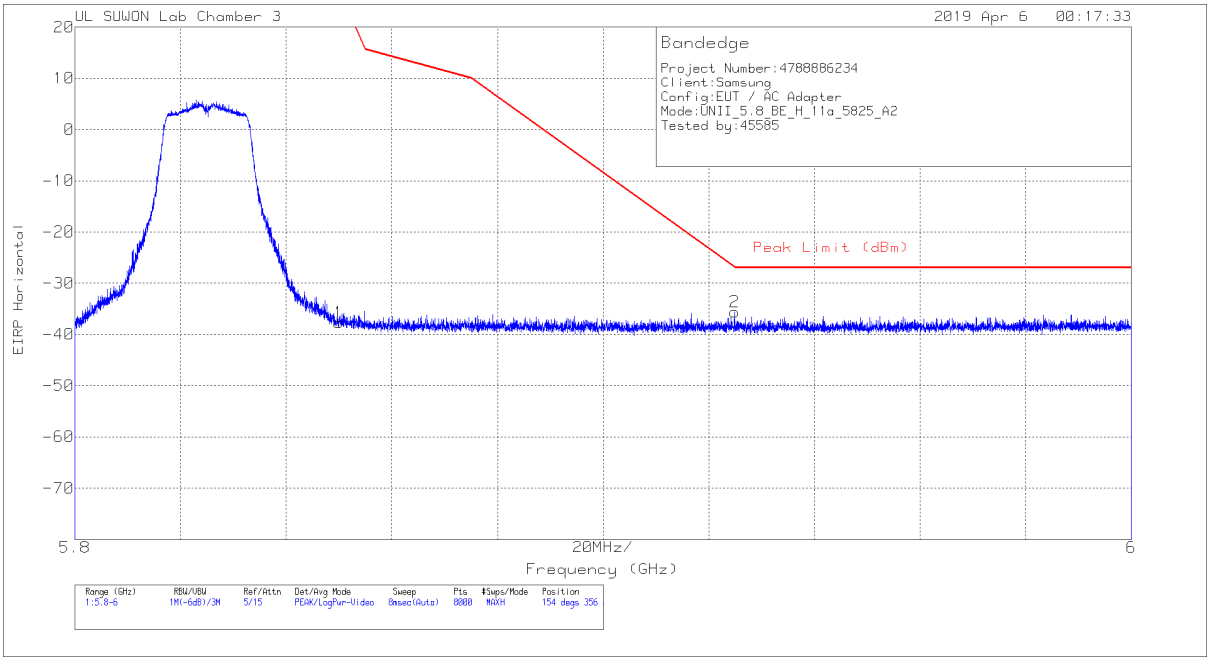
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-66.27	Pk	34.8	-17.9	11.8	0	-37.57	27	-64.57	180	197	V
2	5.642	-65.92	Pk	34.7	-18.2	11.8	0	-37.62	-27	-10.62	180	197	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT

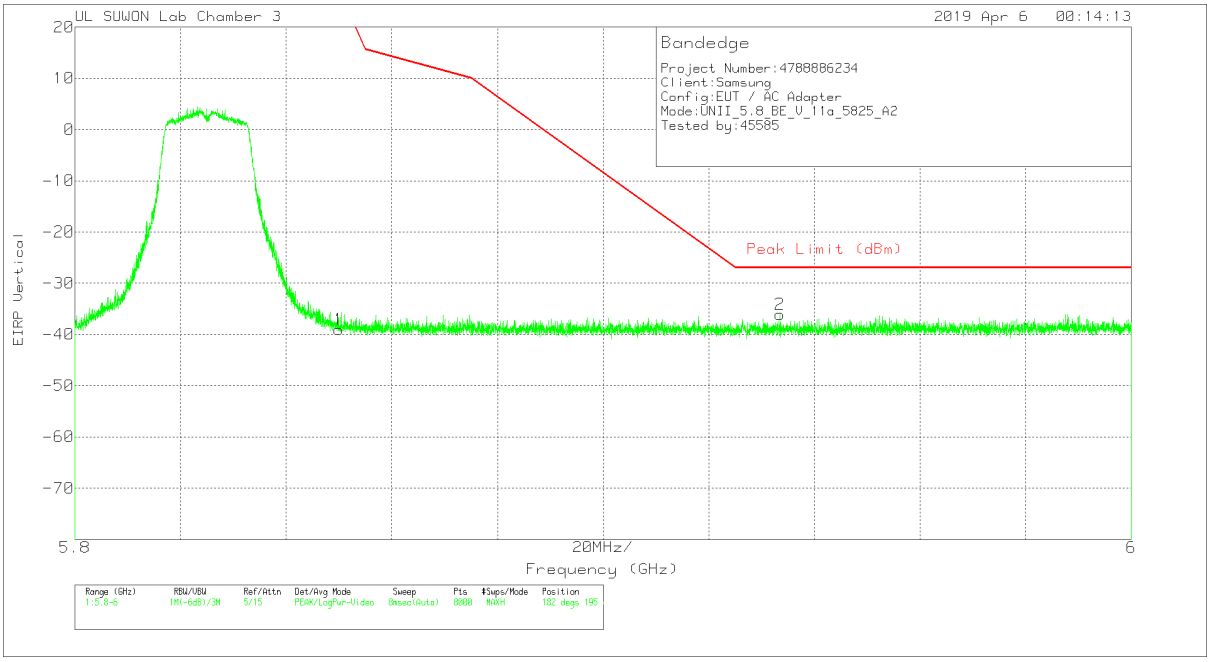


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-66.82	Pk	35	-17.7	11.8	0	-37.72	26.99	-64.71	154	356	H
2	5.925	-64.74	Pk	35	-17.7	11.8	0	-35.64	-26.9	-8.74	154	356	H

Pk - Peak detector

VERTICAL PEAK PLOT

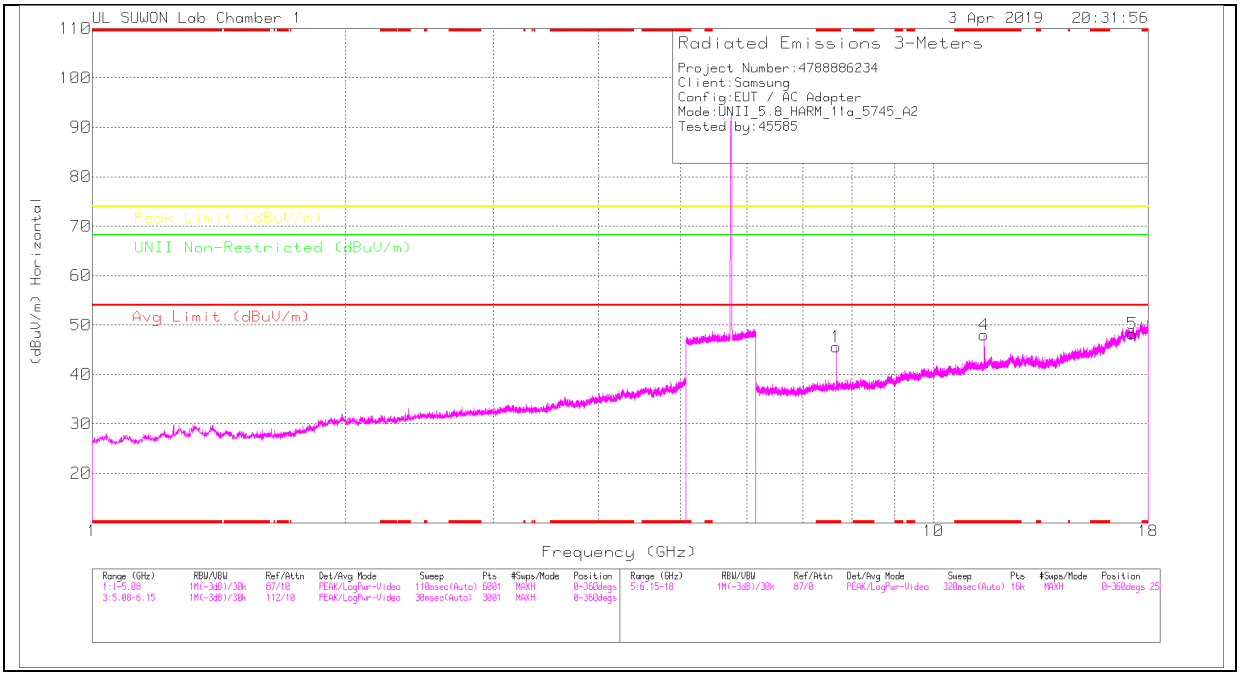


Trace Markers

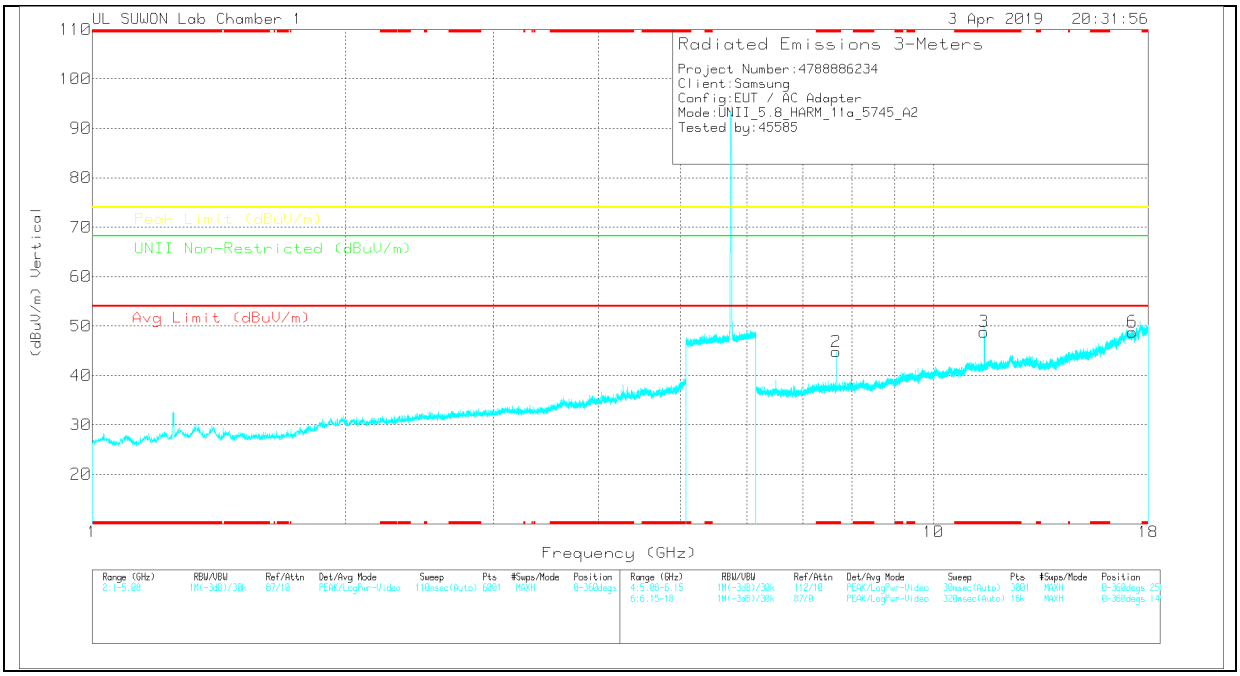
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.12	Pk	35	-17.7	11.8	0	-39.02	26.99	-66.01	182	195	V
2	5.933	-65.24	Pk	35.1	-17.7	11.8	0	-36.04	-27	-9.04	182	195	V

Pk - Peak detector

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

LOW CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.659	36.67	PK	35.8	-26.9	0	45.57	-	-	74	-28.43	-	-	0-360	150	H
4	* 11.49	31.79	PK	38.5	-22.3	0	47.99	-	-	74	-26.01	-	-	0-360	150	H
5	17.235	23.65	PK	41.3	-16.7	0	48.25	-	-	-	-	68.2	-19.95	0-360	250	H
2	* 7.659	35.92	PK	35.8	-26.9	0	44.82	-	-	74	-29.18	-	-	0-360	250	V
3	* 11.49	32.63	PK	38.5	-22.3	0	48.83	-	-	74	-25.17	-	-	0-360	149	V
6	17.235	24.21	PK	41.3	-16.7	0	48.81	-	-	-	-	68.2	-19.39	0-360	149	V

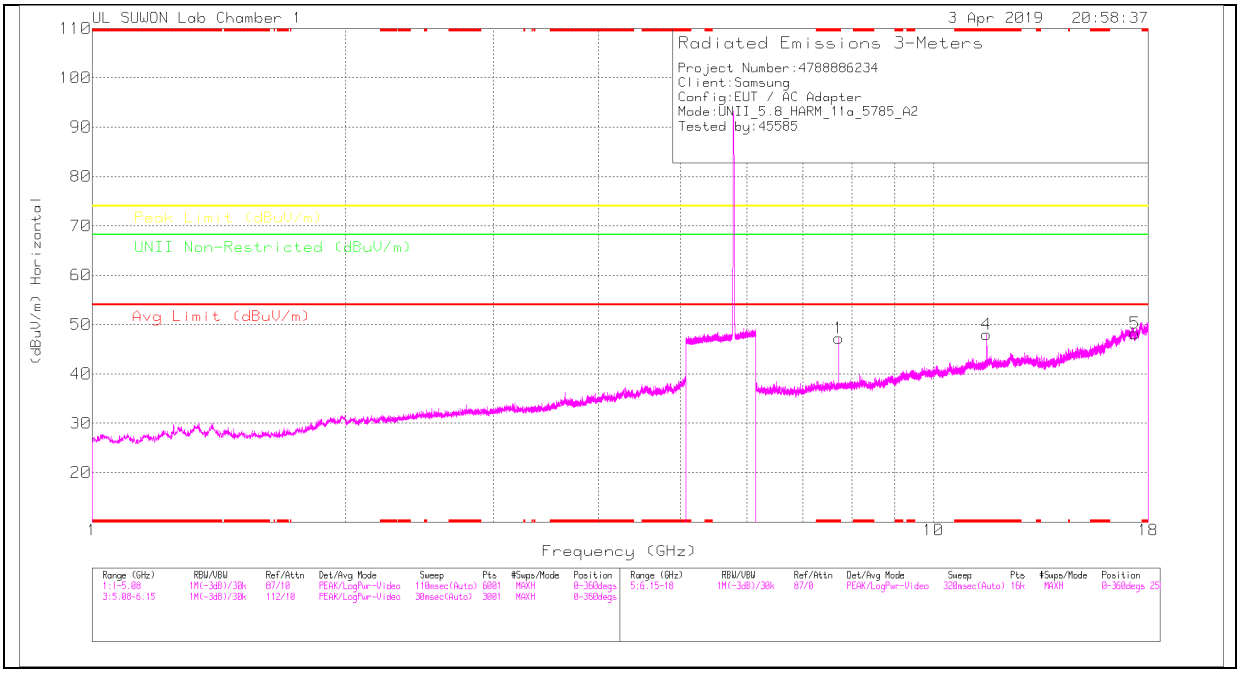
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

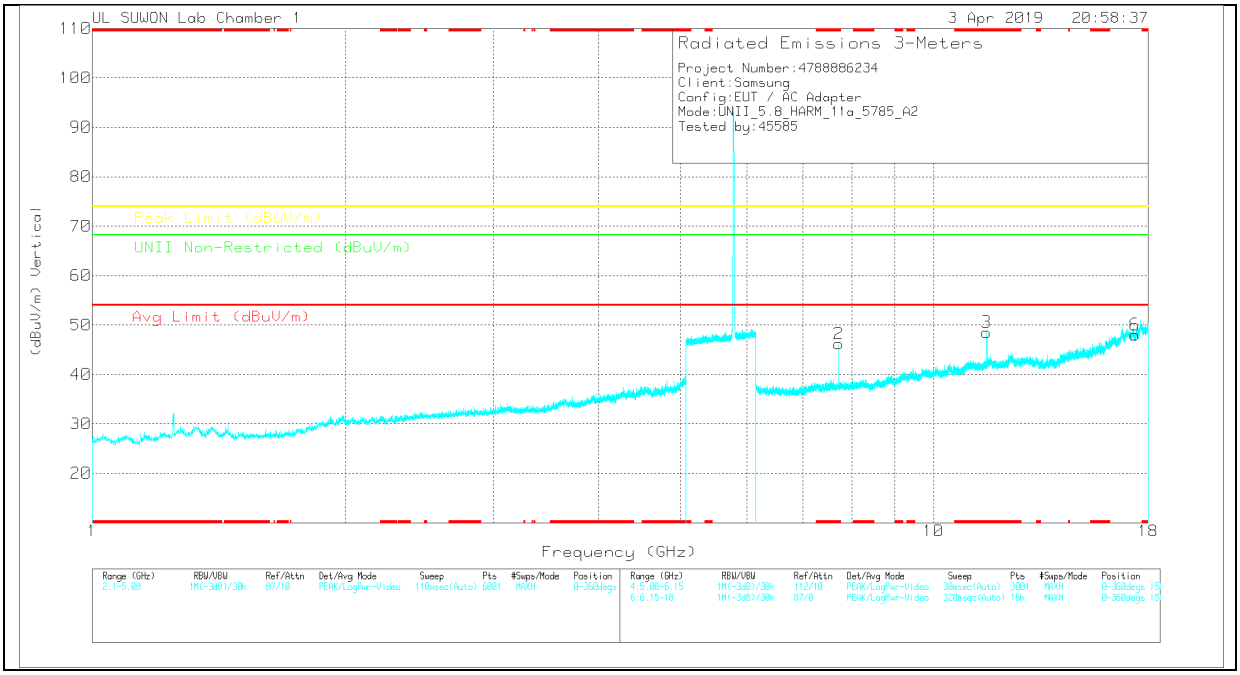
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.66	42.93	PK-U	35.8	-26.9	0	51.83	-	-	74	-22.17	-	-	127	311	H
* 7.66	36.36	ADR	35.8	-26.9	0	45.26	54	-8.74	-	-	-	-	127	311	H
* 7.66	42.6	PK-U	35.8	-26.9	0	51.5	-	-	74	-22.5	-	-	204	399	V
* 7.66	36.22	ADR	35.8	-26.9	0	45.12	54	-8.88	-	-	-	-	204	399	V
* 11.488	45.79	PK-U	38.5	-22.3	0	61.99	-	-	74	-12.01	-	-	179	148	V
* 11.49	32.65	ADR	38.5	-22.3	0	48.85	54	-5.15	-	-	-	-	179	148	V
* 11.49	44.97	PK-U	38.5	-22.3	0	61.17	-	-	74	-12.83	-	-	219	162	H
* 11.49	32.69	ADR	38.5	-22.3	0	48.89	54	-5.11	-	-	-	-	219	162	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 HORIZONTAL



MID CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.713	37.94	PK	35.9	-26.6	0	47.24	-	-	74	-26.76	-	-	0-360	250	H
4	* 11.57	31.87	PK	38.6	-22.5	0	47.97	-	-	74	-26.03	-	-	0-360	150	H
5	17.354	24.61	PK	41.2	-17.6	0	48.21	-	-	-	-	68.2	-19.99	0-360	250	H
2	* 7.713	36.88	PK	35.9	-26.6	0	46.18	-	-	74	-27.82	-	-	0-360	250	V
3	* 11.568	32.43	PK	38.6	-22.5	0	48.53	-	-	74	-25.47	-	-	0-360	150	V
6	17.358	24.42	PK	41.2	-17.6	0	48.02	-	-	-	-	68.2	-20.18	0-360	250	V

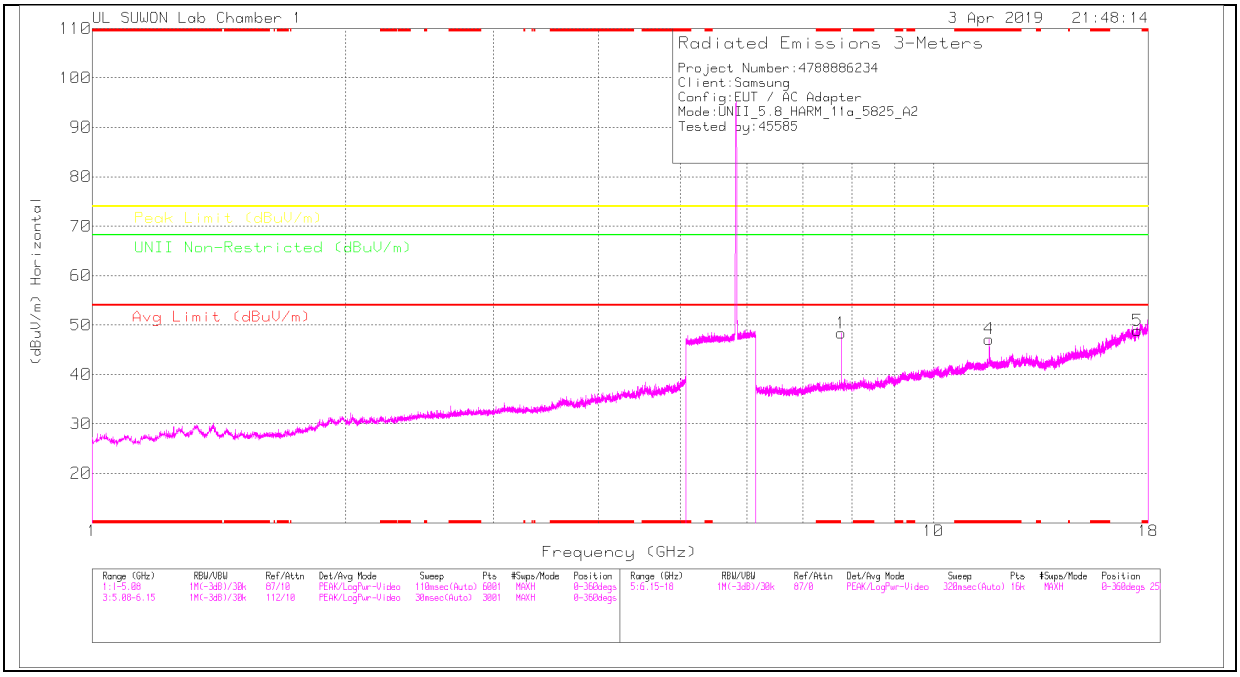
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

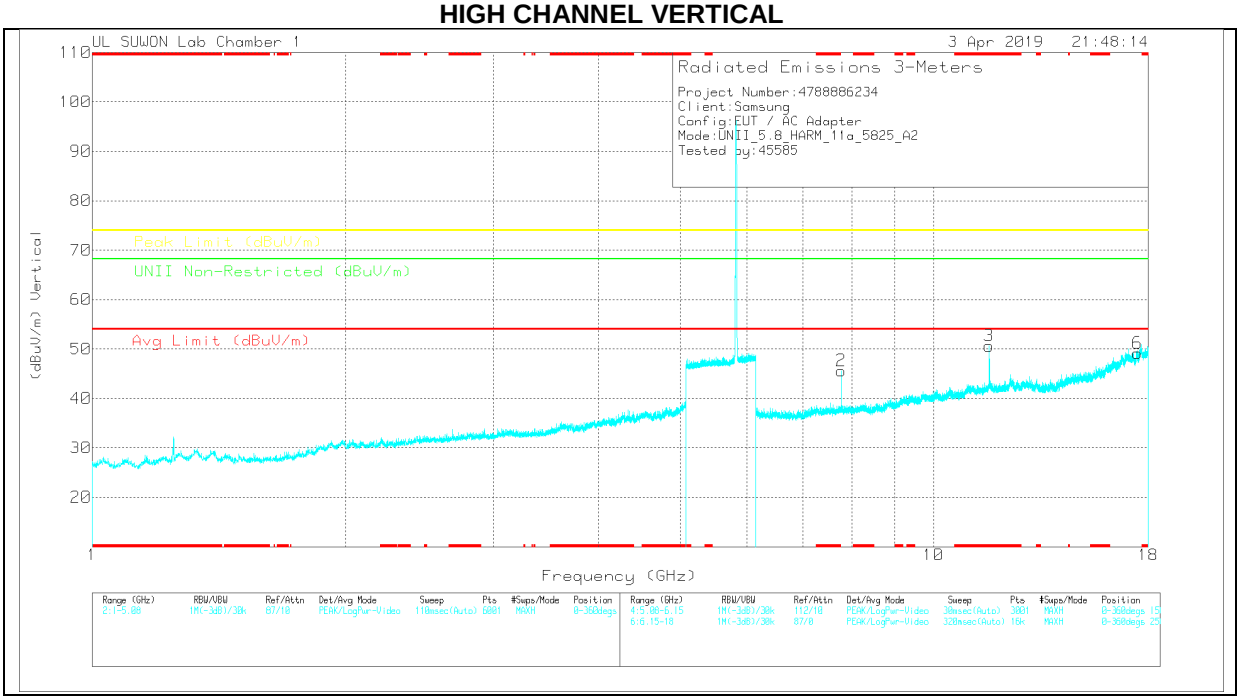
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.713	43.48	PK-U	35.9	-26.6	0	52.78	-	-	74	-21.22	-	-	110	307	H
* 7.713	37.68	ADR	35.9	-26.6	0	46.98	54	-7.02	-	-	-	-	110	307	H
* 7.713	42.16	PK-U	35.9	-26.6	0	51.46	-	-	74	-22.54	-	-	215	168	V
* 7.713	35.47	ADR	35.9	-26.6	0	44.77	54	-9.23	-	-	-	-	215	168	V
* 11.57	43.41	PK-U	38.6	-22.5	0	59.51	-	-	74	-14.49	-	-	180	139	V
* 11.57	30.68	ADR	38.6	-22.5	0	46.78	54	-7.22	-	-	-	-	180	139	V
* 11.57	44.19	PK-U	38.6	-22.5	0	60.29	-	-	74	-13.71	-	-	218	165	H
* 11.57	31.53	ADR	38.6	-22.5	0	47.63	54	-6.37	-	-	-	-	218	165	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 HORIZONTAL



HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.767	38.86	PK	35.9	-26.4	0	48.36	-	-	-	-	68.2	-19.84	0-360	250	H
4	* 11.65	30.17	PK	38.7	-21.7	0	47.17	-	-	74	-26.83	-	-	0-360	150	H
5	17.478	24.18	PK	41.2	-16.5	0	48.88	-	-	-	-	68.2	-19.32	0-360	150	H
2	7.767	36.12	PK	35.9	-26.4	0	45.62	-	-	-	-	68.2	-22.58	0-360	150	V
3	* 11.65	33.63	PK	38.7	-21.7	0	50.63	-	-	74	-23.37	-	-	0-360	150	V
6	17.478	24.46	PK	41.2	-16.5	0	49.16	-	-	-	-	68.2	-19.04	0-360	250	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

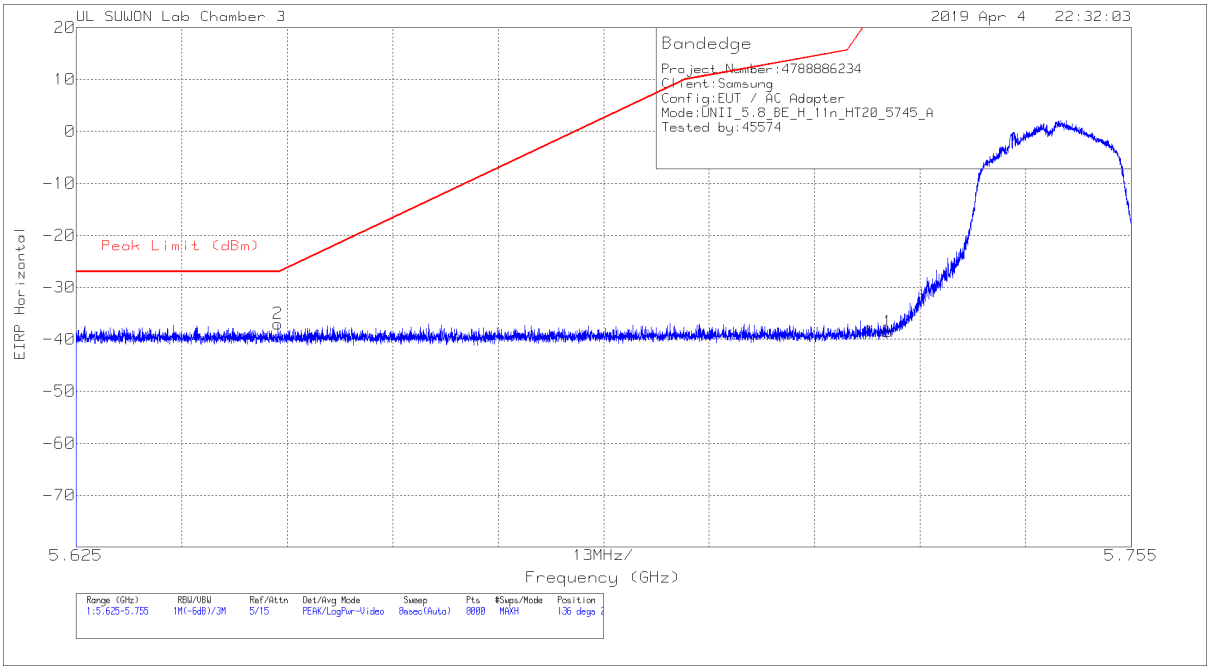
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
7.767	44.23	PK-U	35.9	-26.4	0	53.73	-	-	-	-	68.2	-14.47	140	305	H
7.767	44.16	PK-U	35.9	-26.4	0	53.66	-	-	-	-	68.2	-14.54	199	376	V
* 11.65	43.41	PK-U	38.7	-21.7	0	60.41	-	-	74	-13.59	-	-	181	147	V
* 11.65	31.04	ADR	38.7	-21.7	0	48.04	54	-5.96	-	-	-	-	181	147	V
* 11.65	43.89	PK-U	38.7	-21.7	0	60.89	-	-	74	-13.11	-	-	222	168	H
* 11.65	32.44	ADR	38.7	-21.7	0	49.44	54	-4.56	-	-	-	-	222	168	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

11.4.4. TX ABOVE 1GHz 802.11n HT20 2Tx CDD MODE IN THE 5.8GHz BAND BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK PLOT

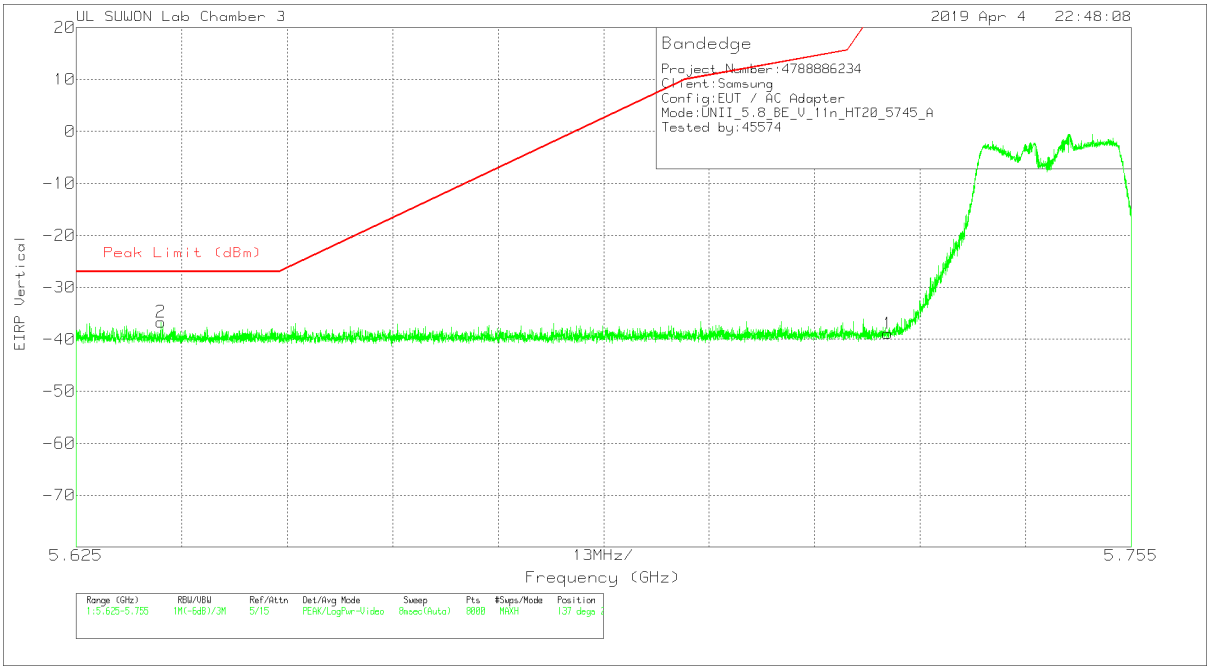


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_0020595 9	10dB[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-67.24	Pk	34.8	-17.9	11.8	-38.54	27	-65.54	136	212	H
2	5.65	-65.31	Pk	34.7	-18.2	11.8	-37.01	-27	-10.01	136	212	H

Pk - Peak detector

VERTICAL PEAK PLOT



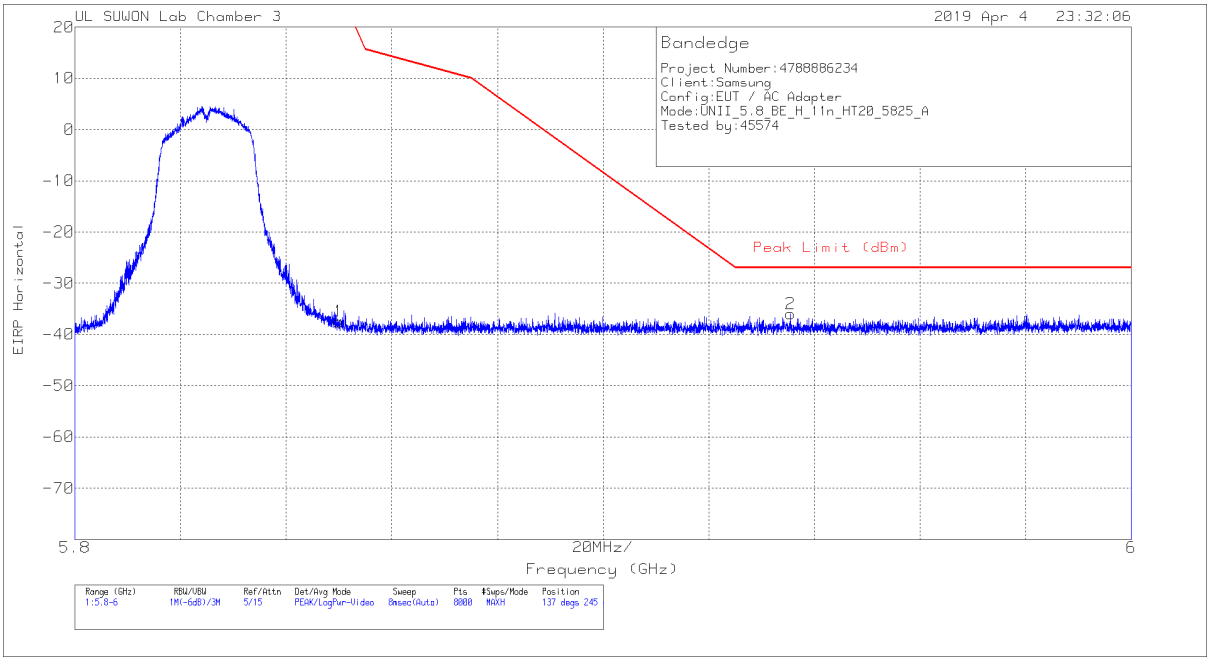
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_0020595 9	10dB[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-67.57	Pk	34.8	-17.9	11.8	-38.87	27	-65.87	137	235	V
2	5.635	-64.96	Pk	34.7	-18.2	11.8	-36.66	-27	-9.66	137	235	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA

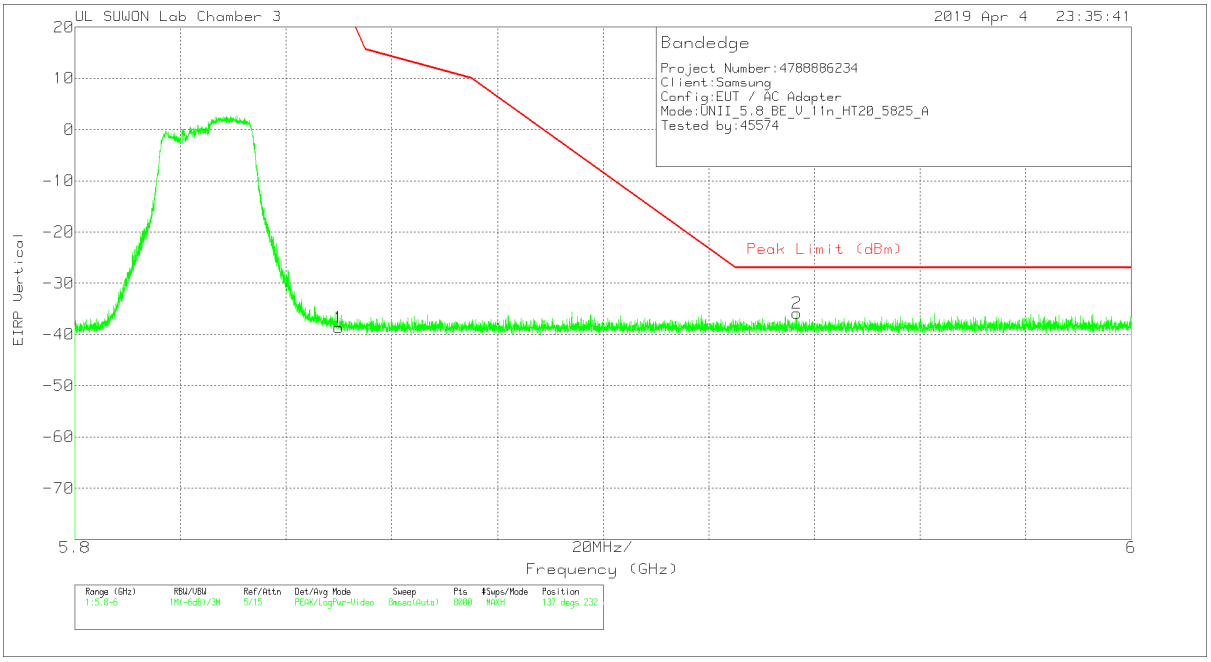


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_0020595 9	10dB[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-66.6	Pk	35	-17.7	11.8	-37.5	26.99	-64.49	137	245	H
2	5.935	-65.21	Pk	35.1	-17.7	11.8	-36.01	-27	-9.01	137	245	H

Pk - Peak detector

VERTICAL PEAK PLOT

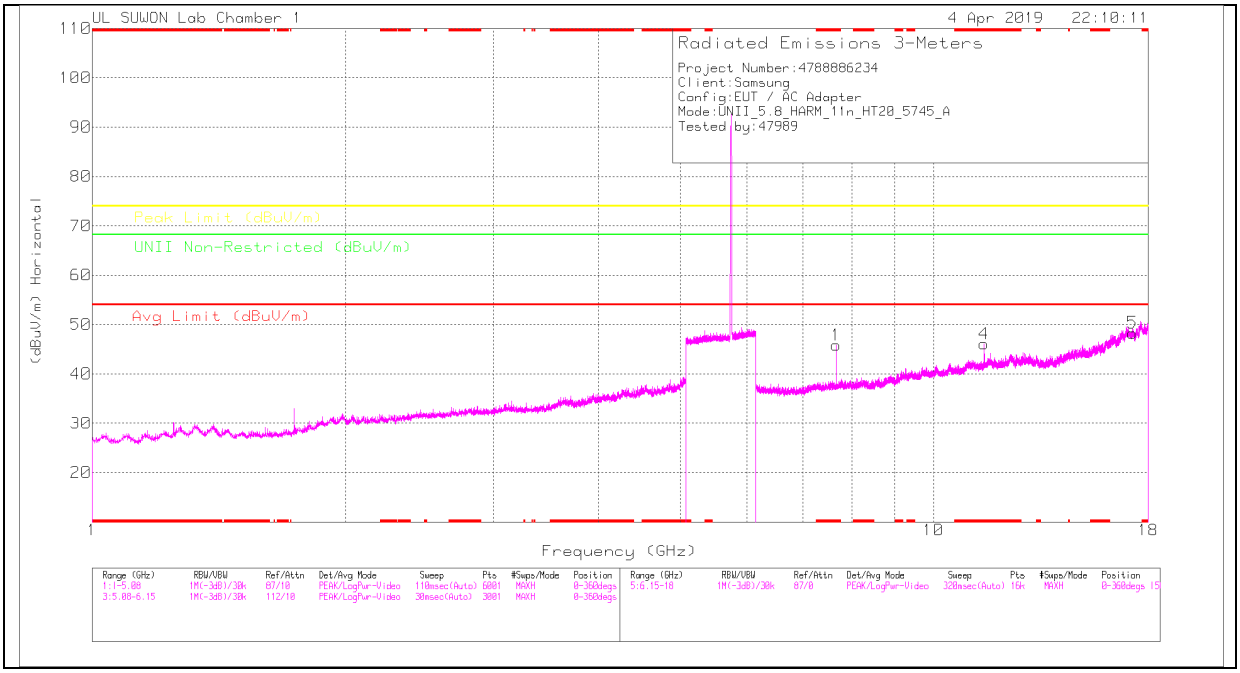


Trace Markers

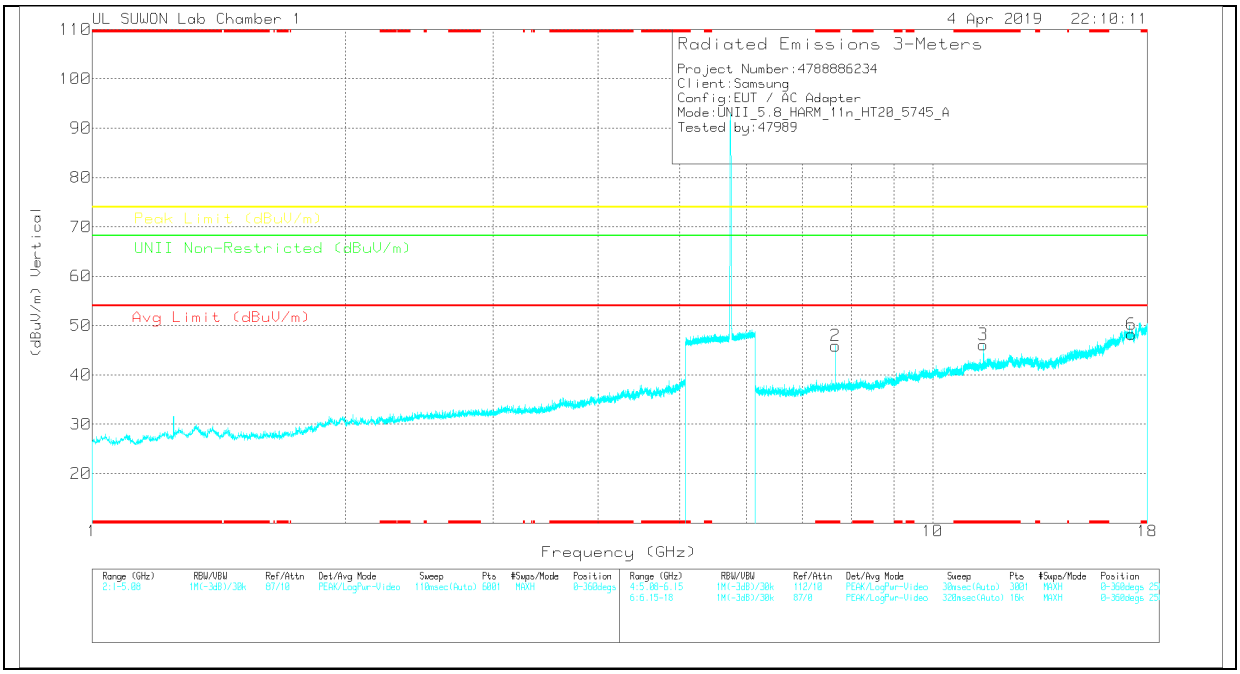
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_0020595 9	10dB[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.77	Pk	35	-17.7	11.8	-38.67	26.99	-65.66	137	232	V
2	5.937	-65.01	Pk	35.1	-17.7	11.8	-35.81	-27	-8.81	137	232	V

Pk - Peak detector

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

LOW CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.659	36.91	PK	35.8	-26.9	0	45.81	-	-	74	-28.19	-	-	0-360	150	H
4	* 11.49	29.89	PK	38.5	-22.3	0	46.09	-	-	74	-27.91	-	-	0-360	150	H
5	17.236	23.7	PK	41.3	-16.7	0	48.3	-	-	-	-	68.2	-19.9	0-360	150	H
2	* 7.659	37.01	PK	35.8	-26.9	0	45.91	-	-	74	-28.09	-	-	0-360	150	V
3	* 11.49	29.92	PK	38.5	-22.3	0	46.12	-	-	74	-27.88	-	-	0-360	150	V
6	17.236	23.66	PK	41.3	-16.7	0	48.26	-	-	-	-	68.2	-19.94	0-360	150	V

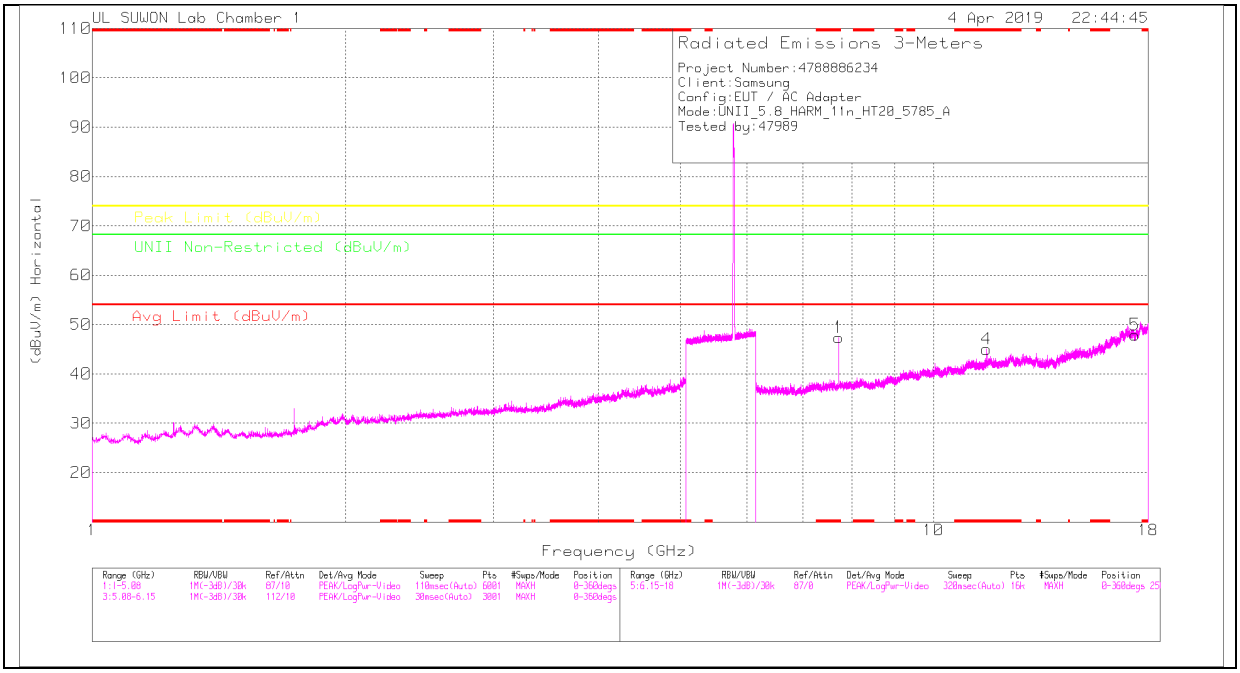
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

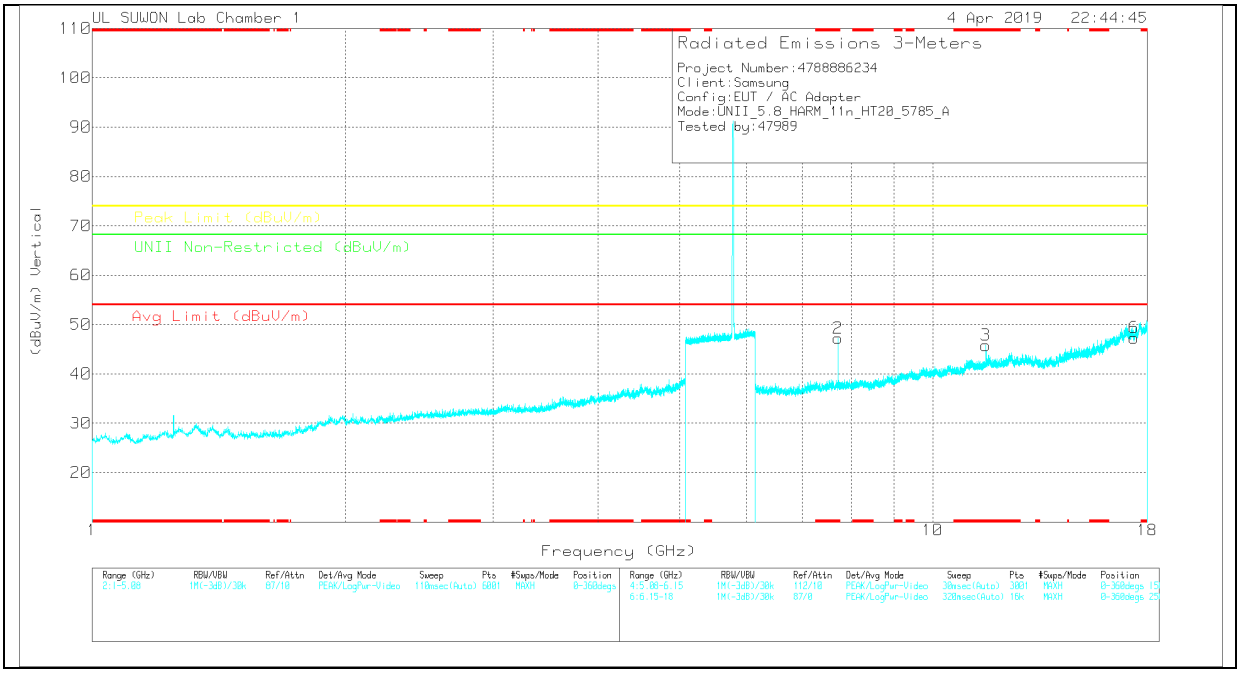
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.66	42.9	PK-U	35.8	-26.9	0	51.8	-	-	74	-22.2	-	-	201	152	H
* 7.66	36.56	ADR	35.8	-26.9	0	45.46	54	-8.54	-	-	-	-	201	152	H
* 7.66	42.37	PK-U	35.8	-26.9	0	51.27	-	-	74	-22.73	-	-	134	134	V
* 7.66	35.7	ADR	35.8	-26.9	0	44.6	54	-9.4	-	-	-	-	134	134	V
* 11.49	43.95	PK-U	38.5	-22.3	0	60.15	-	-	74	-13.85	-	-	160	169	V
* 11.49	30.56	ADR	38.5	-22.3	0	46.76	54	-7.24	-	-	-	-	160	169	V

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

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.713	38.08	PK	35.9	-26.6	0	47.38	-	-	74	-26.62	-	-	0-360	150	H
4	* 11.57	28.92	PK	38.6	-22.5	0	45.02	-	-	74	-28.98	-	-	0-360	250	H
5	17.355	24.3	PK	41.2	-17.6	0	47.9	-	-	-	-	68.2	-20.3	0-360	250	H
2	* 7.713	37.94	PK	35.9	-26.6	0	47.24	-	-	74	-26.76	-	-	0-360	150	V
3	* 11.571	29.69	PK	38.6	-22.5	0	45.79	-	-	74	-28.21	-	-	0-360	150	V
6	17.355	23.71	PK	41.2	-17.6	0	47.31	-	-	-	-	68.2	-20.89	0-360	150	V

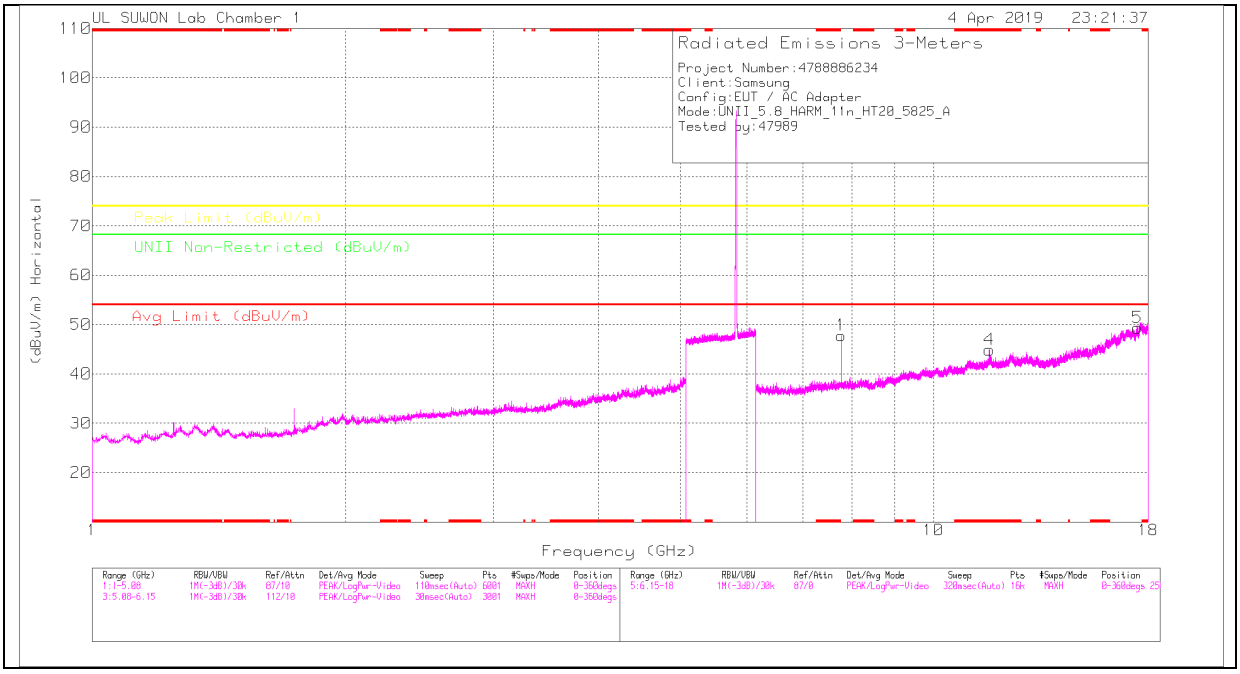
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

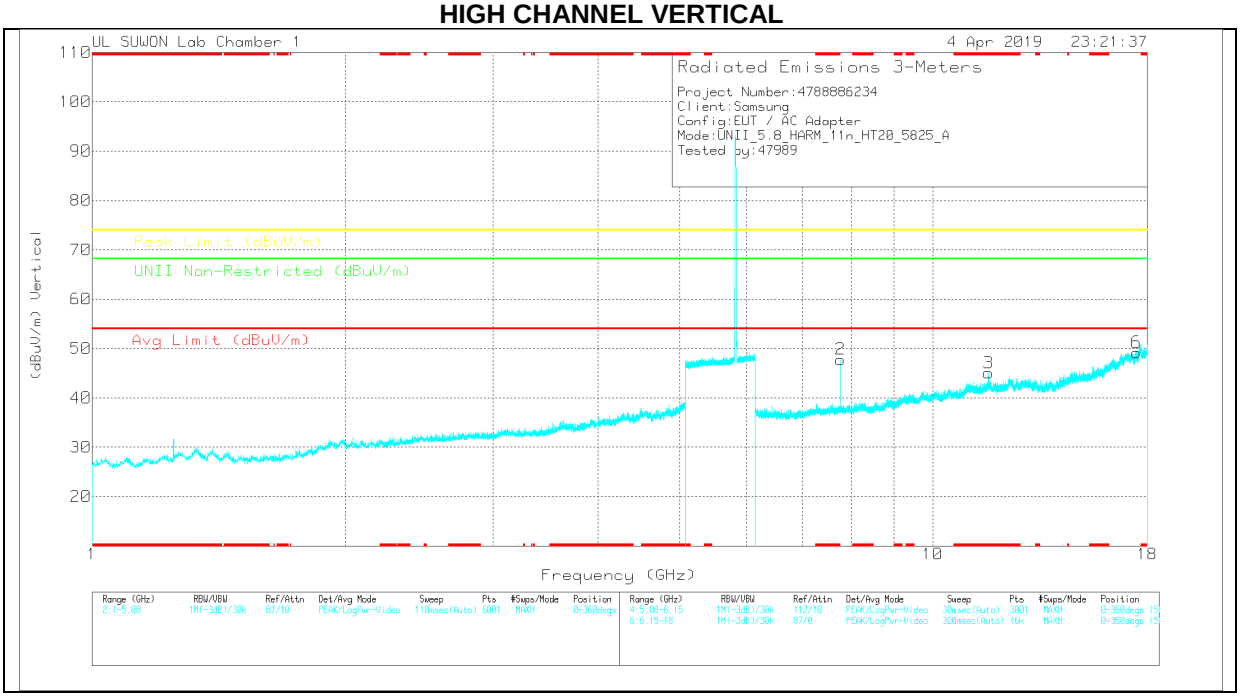
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.713	43.29	PK-U	35.9	-26.6	0	52.59	-	-	74	-21.41	-	-	109	175	H
* 7.713	37.44	ADR	35.9	-26.6	0	46.74	54	-7.26	-	-	-	-	109	175	H
* 7.713	43.41	PK-U	35.9	-26.6	0	52.71	-	-	74	-21.29	-	-	140	162	V
* 7.713	37.57	ADR	35.9	-26.6	0	46.87	54	-7.13	-	-	-	-	140	162	V
* 11.57	42.48	PK-U	38.6	-22.5	0	58.58	-	-	74	-15.42	-	-	162	175	V
* 11.57	29.37	ADR	38.6	-22.5	0	45.47	54	-8.53	-	-	-	-	162	175	V
* 11.57	38.89	PK-U	38.6	-22.5	0	54.99	-	-	74	-19.01	-	-	98	147	H
* 11.57	27.1	ADR	38.6	-22.5	0	43.2	54	-10.8	-	-	-	-	98	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 HORIZONTAL



HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.767	38.3	PK	35.9	-26.4	0	47.8	-	-	-	-	68.2	-20.4	0-360	150	H
4	* 11.655	27.79	PK	38.7	-21.6	0	44.89	-	-	74	-29.11	-	-	0-360	150	H
5	17.476	24.65	PK	41.2	-16.5	0	49.35	-	-	-	-	68.2	-18.85	0-360	150	H
2	7.766	38.3	PK	35.9	-26.4	0	47.8	-	-	-	-	68.2	-20.4	0-360	150	V
3	* 11.653	27.94	PK	38.7	-21.6	0	45.04	-	-	74	-28.96	-	-	0-360	150	V
6	17.478	24.49	PK	41.2	-16.5	0	49.19	-	-	-	-	68.2	-19.01	0-360	250	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

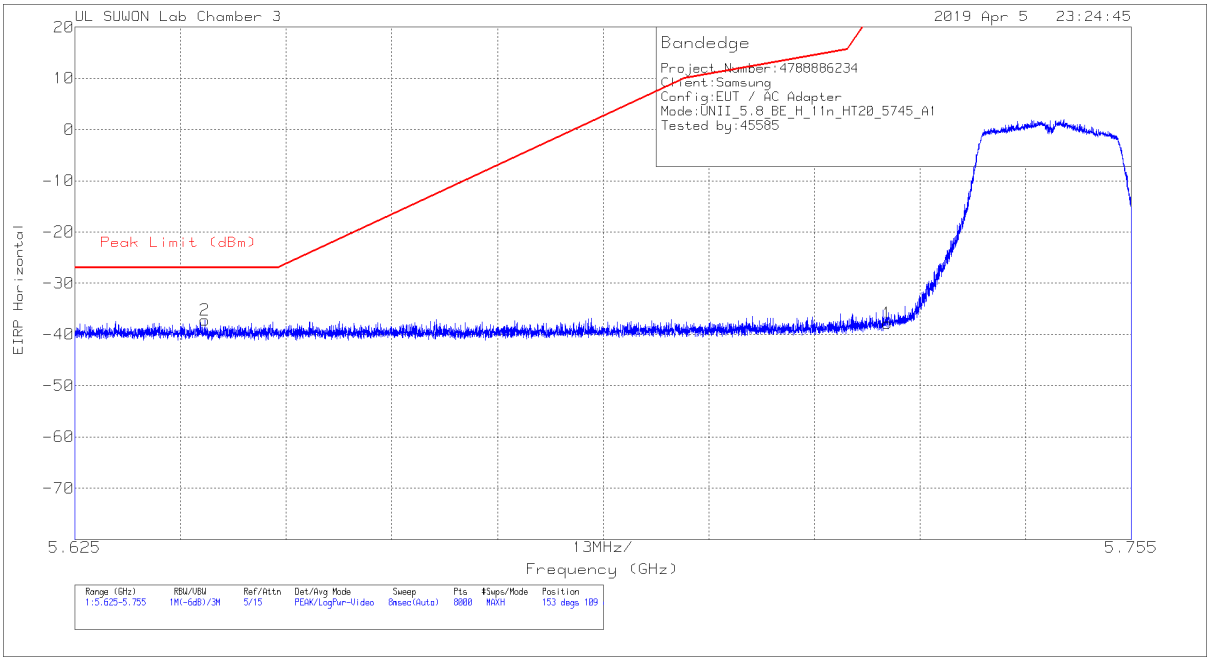
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
7.767	44.28	PK-U	35.9	-26.4	0	53.78	-	-	-	-	68.2	-14.42	109	176	H
7.767	43.76	PK-U	35.9	-26.4	0	53.26	-	-	-	-	68.2	-14.94	138	144	V
* 11.65	43.61	PK-U	38.7	-21.7	0	60.61	-	-	74	-13.39	-	-	174	192	V
* 11.65	29.98	ADR	38.7	-21.7	0	46.98	54	-7.02	-	-	-	-	174	192	V
* 11.65	40.57	PK-U	38.7	-21.7	0	57.57	-	-	74	-16.43	-	-	240	187	H
* 11.65	27.64	ADR	38.7	-21.7	0	44.64	54	-9.36	-	-	-	-	240	187	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

11.4.5.TX ABOVE 1GHz 802.11n HT20 1Tx ANT1 IN THE 5.8GHz BAND BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK PLOT

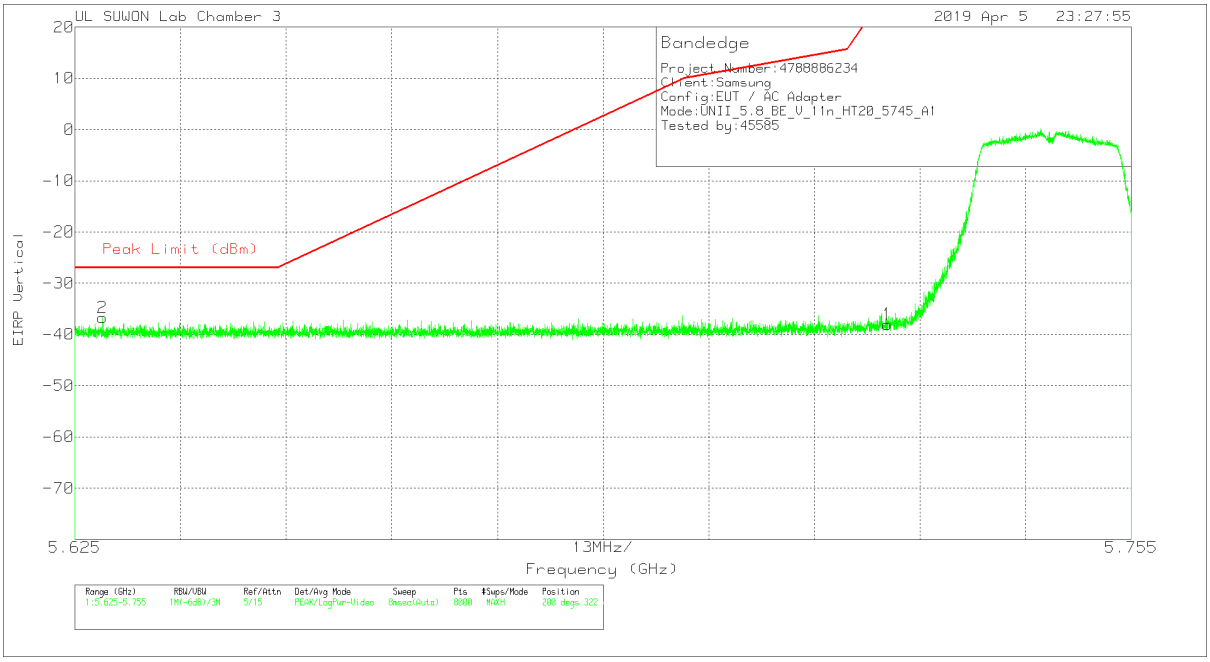


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-66.49	Pk	34.8	-17.9	11.8	0	-37.79	27	-64.79	153	109	H
2	5.641	-65.48	Pk	34.7	-18.2	11.8	0	-37.18	-27	-10.18	153	109	H

Pk - Peak detector

VERTICAL PEAK PLOT



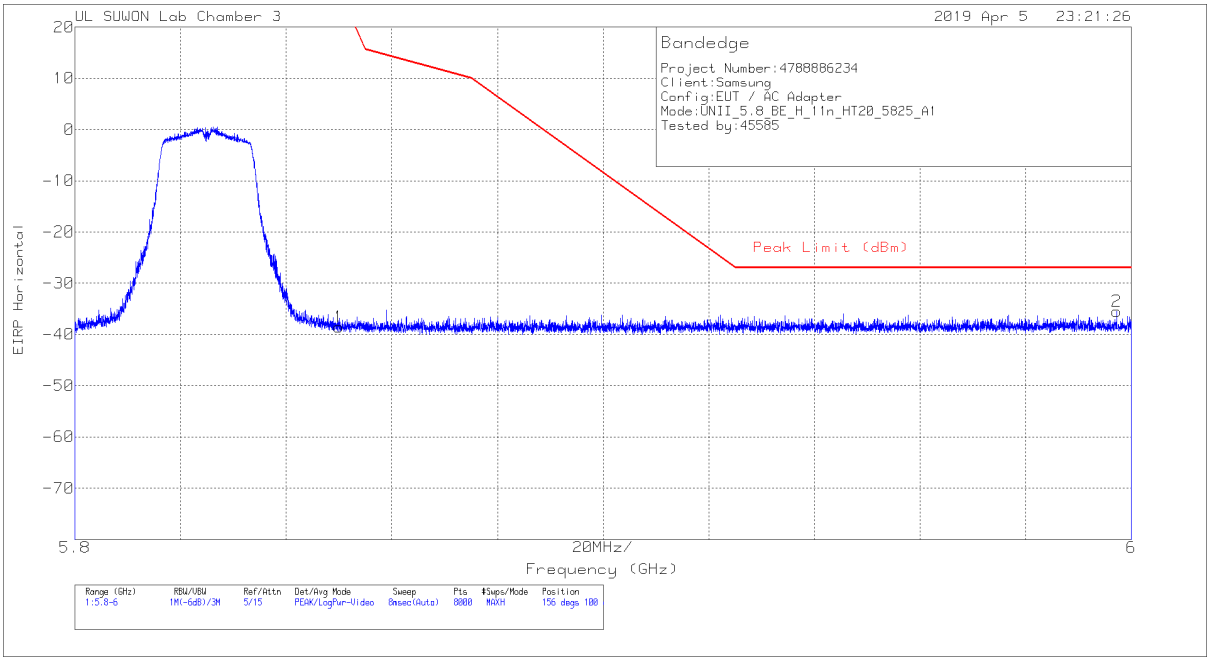
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-66.7	Pk	34.8	-17.9	11.8	0	-38	27	-65	200	322	V
2	5.628	-64.95	Pk	34.7	-18.3	11.8	0	-36.75	-27	-9.75	200	322	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA

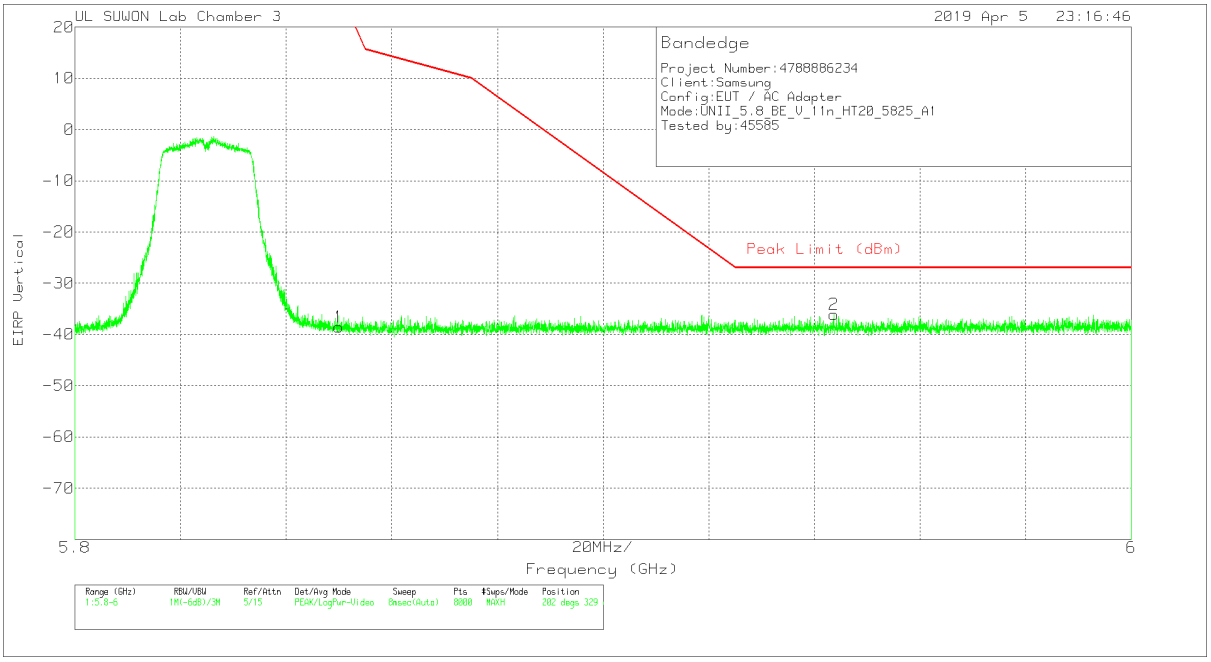


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.6	Pk	35	-17.7	11.8	0	-38.5	26.99	-65.49	156	100	H
2	5.997	-64.75	Pk	35.1	-17.6	11.8	0	-35.45	-27	-8.45	156	100	H

Pk - Peak detector

VERTICAL PEAK PLOT

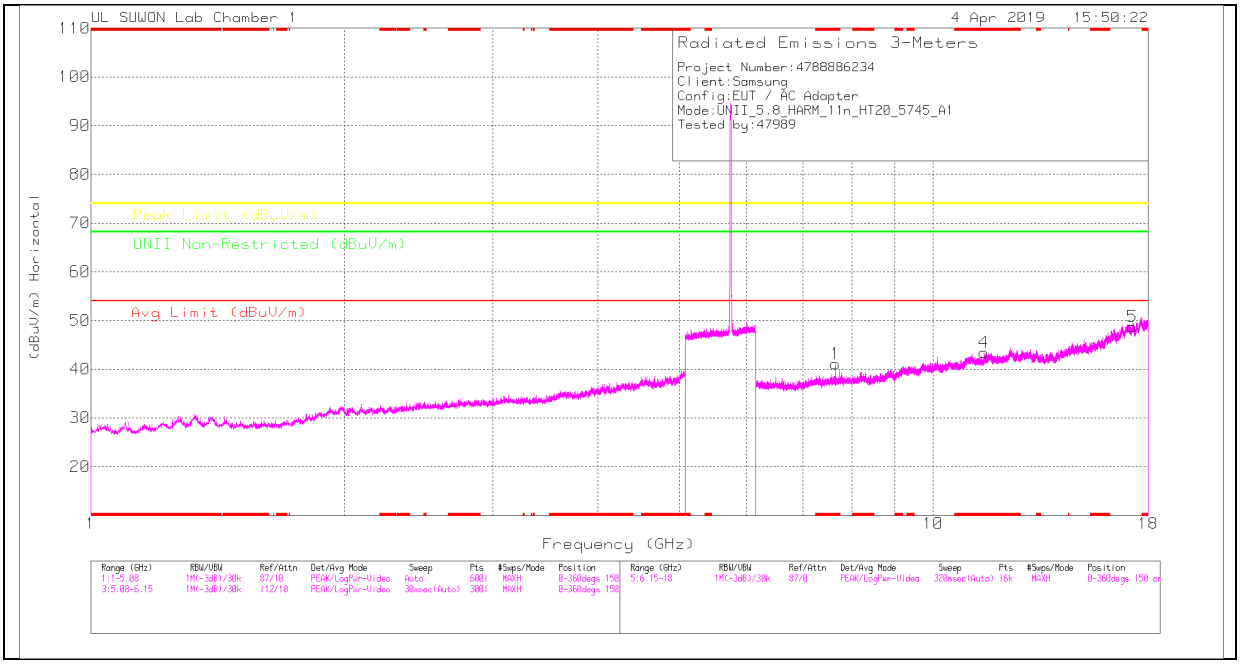


Trace Markers

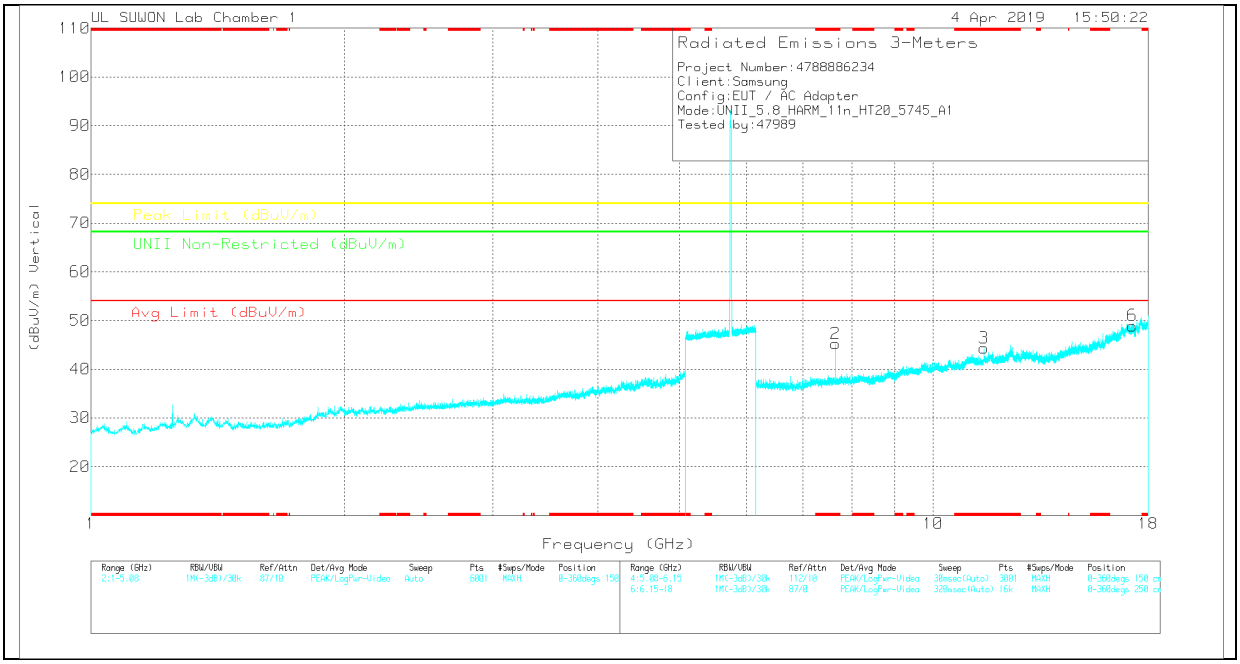
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.61	Pk	35	-17.7	11.8	0	-38.51	26.99	-65.5	202	329	V
2	5.944	-65.3	Pk	35.1	-17.7	11.8	0	-36.1	-27	-9.1	202	329	V

Pk - Peak detector

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

LOW CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.659	32.23	PK	35.8	-26.9	0	41.13	-	-	74	-32.87	-	-	0-360	250	H
4	* 11.484	27.27	PK	38.5	-22.3	0	43.47	-	-	74	-30.53	-	-	0-360	250	H
5	17.236	24.19	PK	41.3	-16.7	0	48.79	-	-	-	-	68.2	-19.41	0-360	250	H
2	* 7.66	36.29	PK	35.8	-26.9	0	45.19	-	-	74	-28.81	-	-	0-360	150	V
3	* 11.491	28.13	PK	38.5	-22.3	0	44.33	-	-	74	-29.67	-	-	0-360	150	V
6	17.24	24.33	PK	41.3	-16.7	0	48.93	-	-	-	-	68.2	-19.27	0-360	150	V

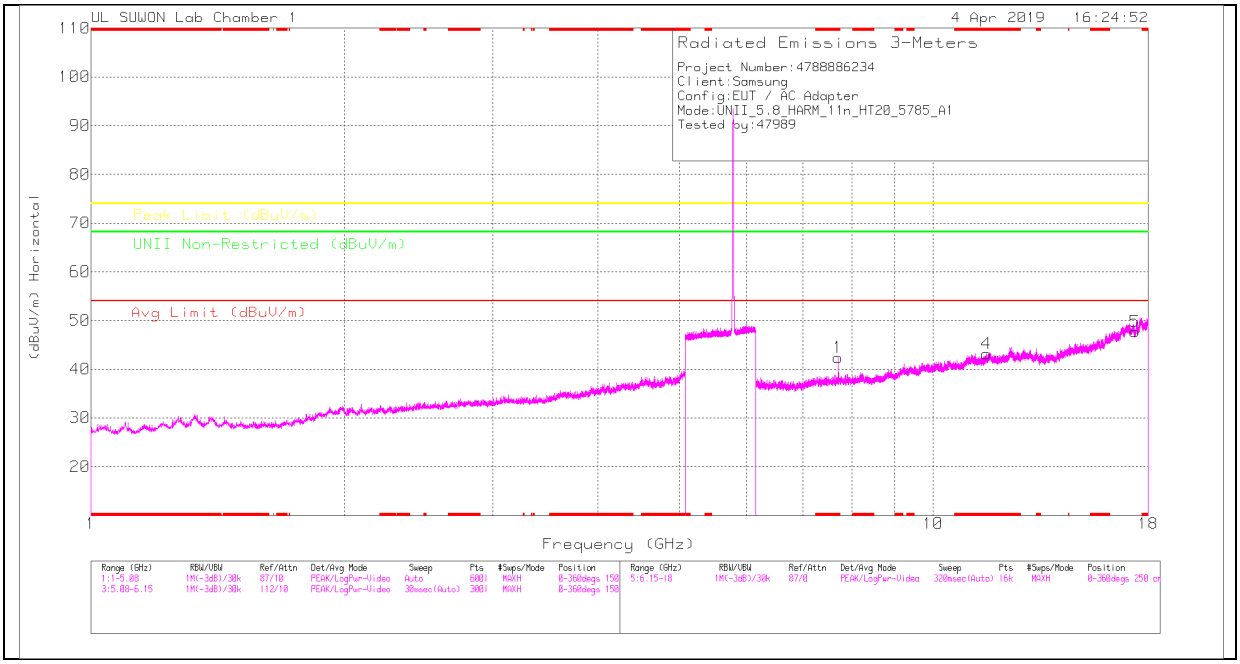
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

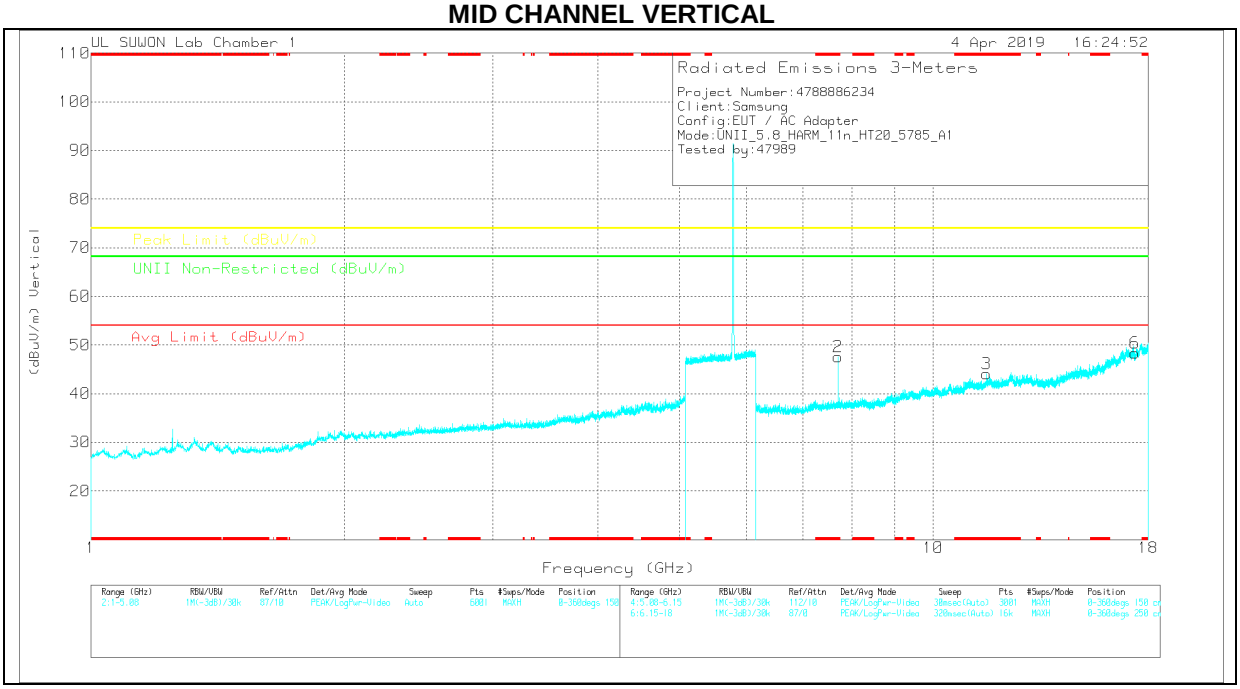
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.66	41.11	PK-U	35.8	-26.9	0	50.01	-	-	74	-23.99	-	-	103	100	H
* 7.66	33.34	ADR	35.8	-26.9	0	42.24	54	-11.76	-	-	-	-	103	100	H
* 7.66	43.24	PK-U	35.8	-26.9	0	52.14	-	-	74	-21.86	-	-	76	103	V
* 7.66	37.11	ADR	35.8	-26.9	0	46.01	54	-7.99	-	-	-	-	76	103	V

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

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.713	33.07	PK	35.9	-26.6	0	42.37	-	-	74	-31.63	-	-	0-360	150	H
4	* 11.573	27.08	PK	38.6	-22.5	0	43.18	-	-	74	-30.82	-	-	0-360	250	H
5	17.352	24.1	PK	41.2	-17.6	0	47.7	-	-	-	-	68.2	-20.5	0-360	150	H
2	* 7.713	38.29	PK	35.9	-26.6	0	47.59	-	-	74	-26.41	-	-	0-360	150	V
3	* 11.564	27.96	PK	38.6	-22.5	0	44.06	-	-	74	-29.94	-	-	0-360	150	V
6	17.354	24.77	PK	41.2	-17.6	0	48.37	-	-	-	-	68.2	-19.83	0-360	250	V

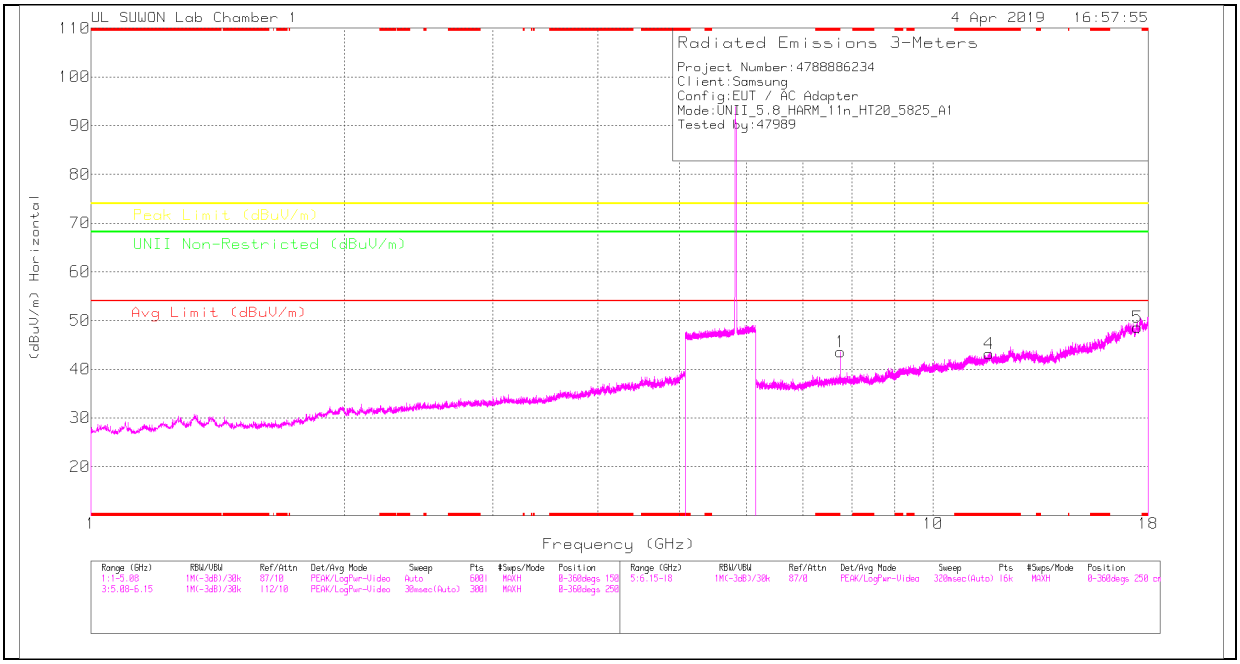
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

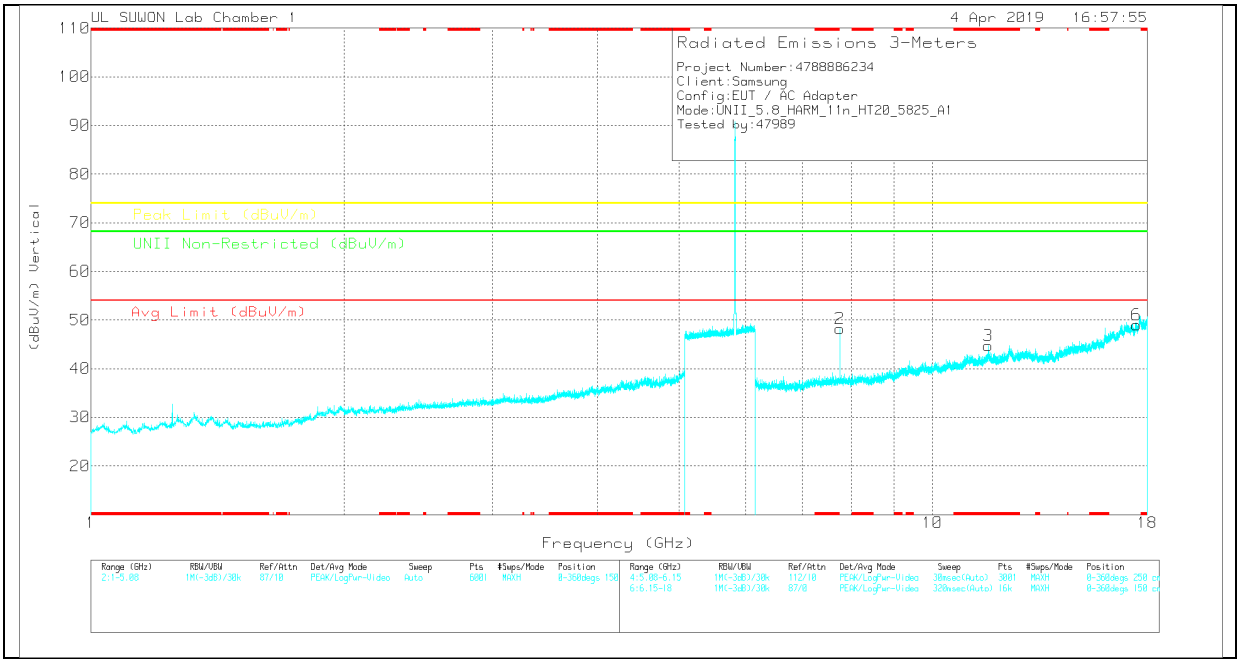
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.713	41.3	PK-U	35.9	-26.6	0	50.6	-	-	74	-23.4	-	-	1	112	H
* 7.713	33.14	ADR	35.9	-26.6	0	42.44	54	-11.56	-	-	-	-	1	112	H
* 7.713	43.98	PK-U	35.9	-26.6	0	53.28	-	-	74	-20.72	-	-	79	103	V
* 7.713	39.04	ADR	35.9	-26.6	0	48.34	54	-5.66	-	-	-	-	79	103	V

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

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.766	34.09	PK	35.9	-26.4	0	43.59	-	-	-	-	68.2	-24.61	0-360	150	H
4	* 11.652	26.13	PK	38.7	-21.6	0	43.23	-	-	74	-30.77	-	-	0-360	150	H
5	17.475	23.95	PK	41.2	-16.5	0	48.65	-	-	-	-	68.2	-19.55	0-360	150	H
2	7.767	38.71	PK	35.9	-26.4	0	48.21	-	-	-	-	68.2	-19.99	0-360	150	V
3	* 11.65	27.71	PK	38.7	-21.7	0	44.71	-	-	74	-29.29	-	-	0-360	150	V
6	17.476	24.27	PK	41.2	-16.5	0	48.97	-	-	-	-	68.2	-19.23	0-360	150	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

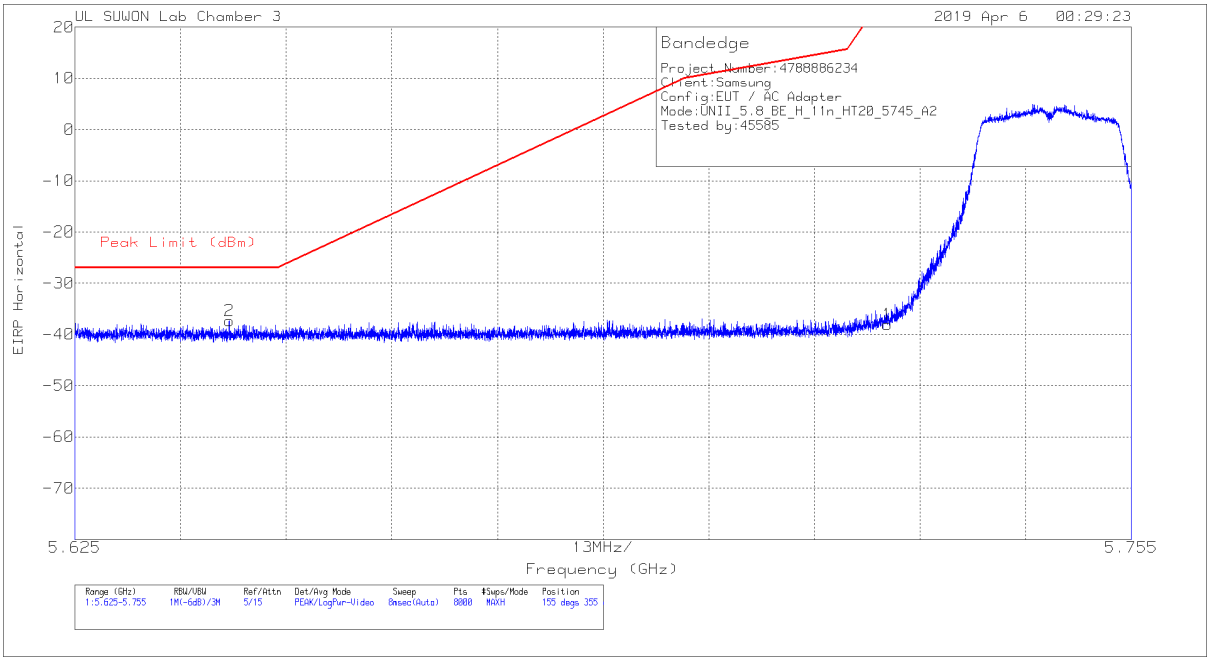
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
7.766	42.62	PK-U	35.9	-26.4	0	52.12	-	-	-	-	68.2	-16.08	23	112	H
7.767	44.65	PK-U	35.9	-26.4	0	54.15	-	-	-	-	68.2	-14.05	82	109	V
* 11.649	41.27	PK-U	38.7	-21.7	0	58.27	-	-	74	-15.73	-	-	165	100	V
* 11.65	27.69	ADR	38.7	-21.7	0	44.69	54	-9.31	-	-	-	-	165	100	V
* 11.65	37.12	PK-U	38.7	-21.7	0	54.12	-	-	74	-19.88	-	-	154	124	H
* 11.65	24.6	ADR	38.7	-21.7	0	41.6	54	-12.4	-	-	-	-	154	124	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

11.4.6.TX ABOVE 1GHz 802.11n HT20 1Tx ANT2 IN THE 5.8GHz BAND BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK PLOT

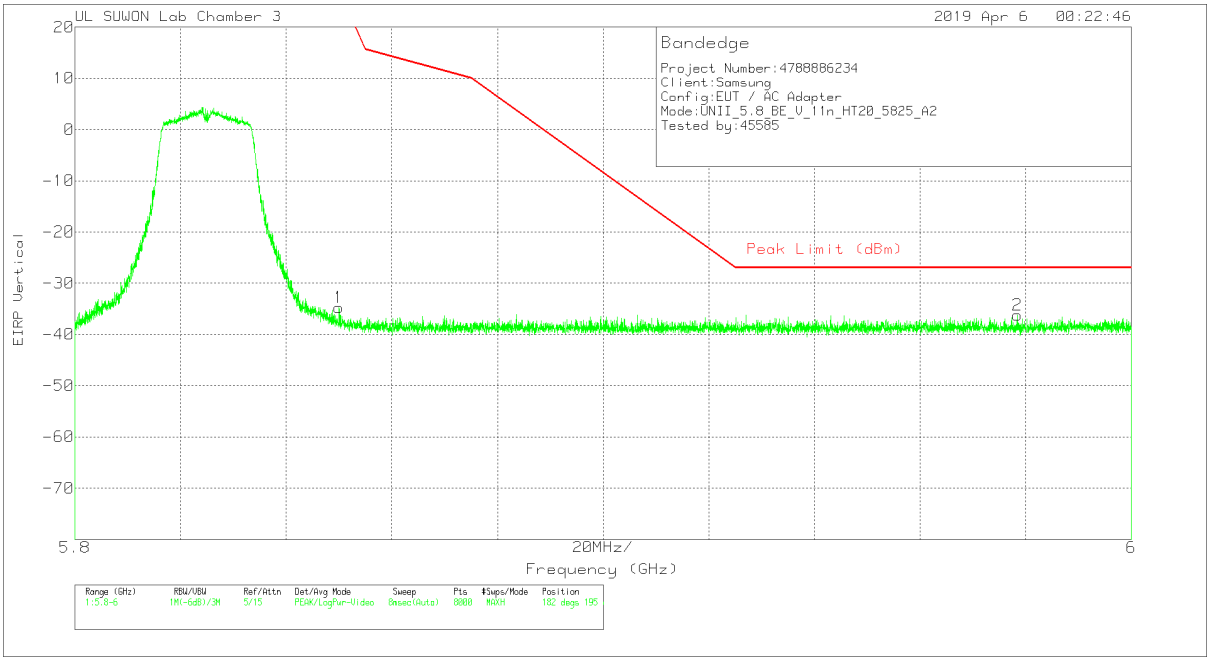


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-66.81	Pk	34.8	-17.9	11.8	0	-38.11	27	-65.11	155	355	H
2	5.644	-65.67	Pk	34.7	-18.2	11.8	0	-37.37	-27	-10.37	155	355	H

Pk - Peak detector

VERTICAL PEAK PLOT



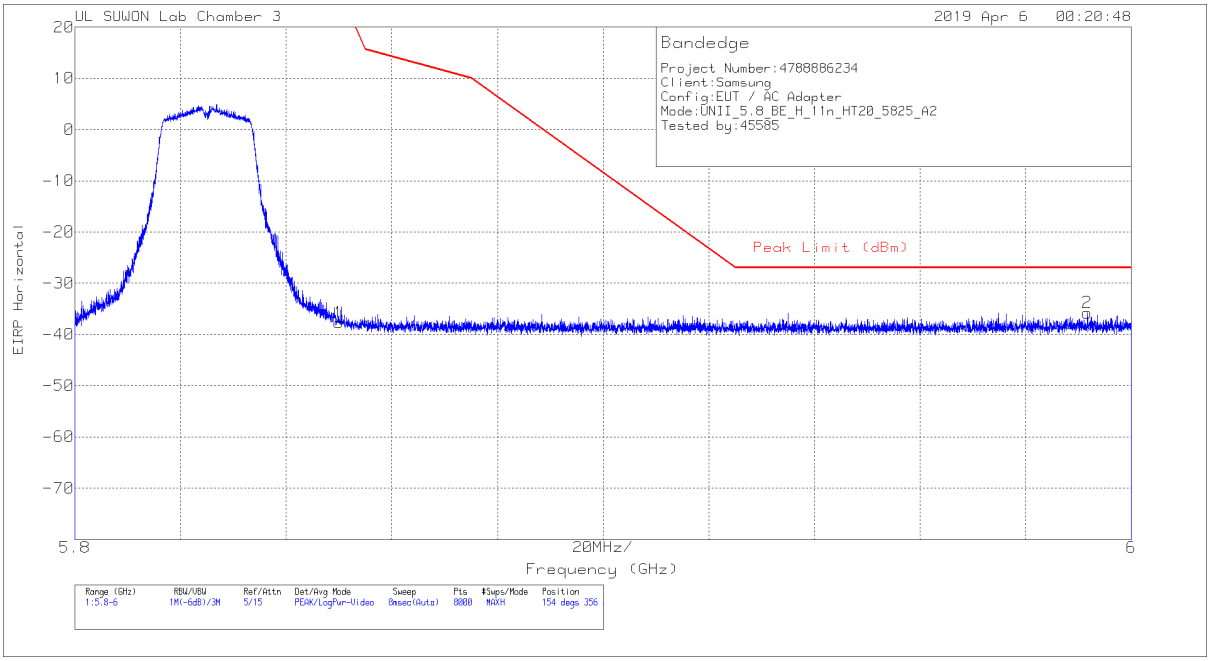
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-63.87	Pk	35	-17.7	11.8	0	-34.77	26.99	-61.76	182	195	V
2	5.978	-65.36	Pk	35.1	-17.7	11.8	0	-36.16	-27	-9.16	182	195	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA

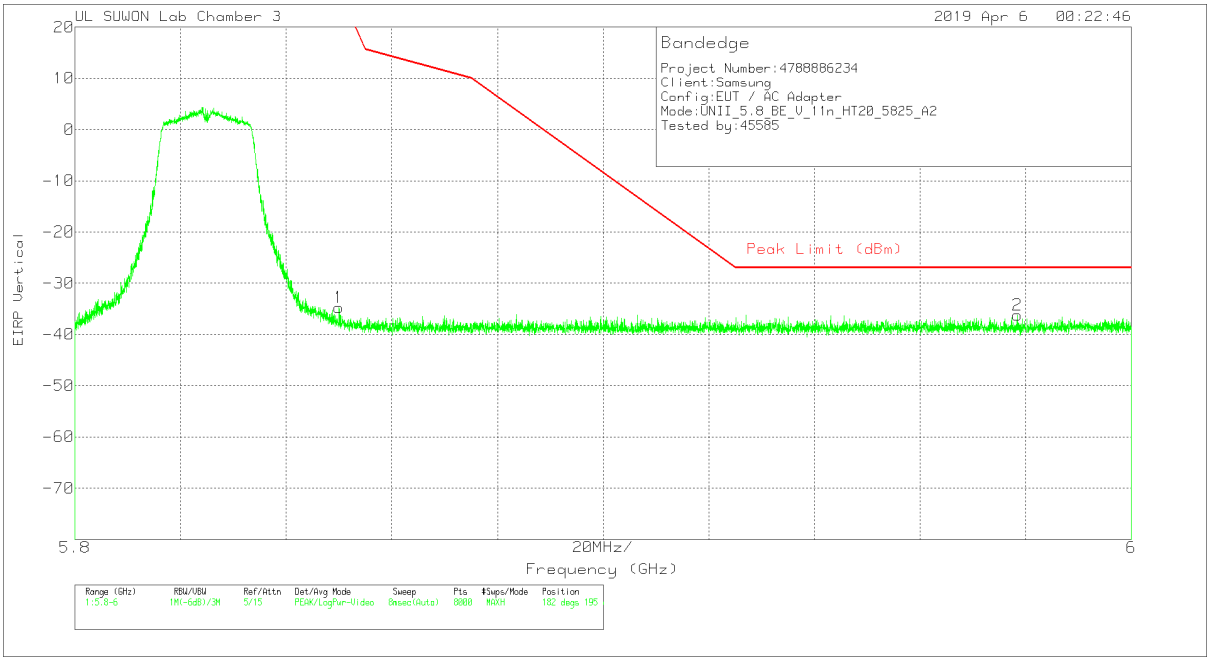


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-66.78	Pk	35	-17.7	11.8	0	-37.68	26.99	-64.67	154	356	H
2	5.992	-65.08	Pk	35.1	-17.6	11.8	0	-35.78	-27	-8.78	154	356	H

Pk - Peak detector

VERTICAL PEAK PLOT

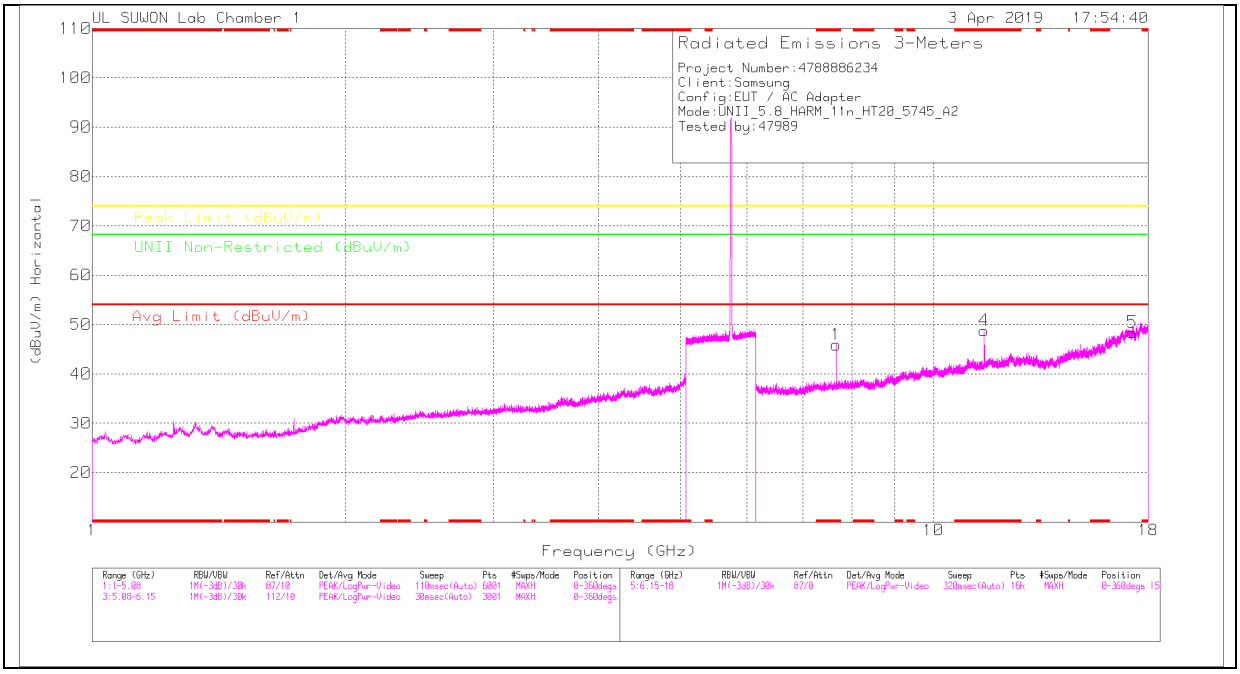


Trace Markers

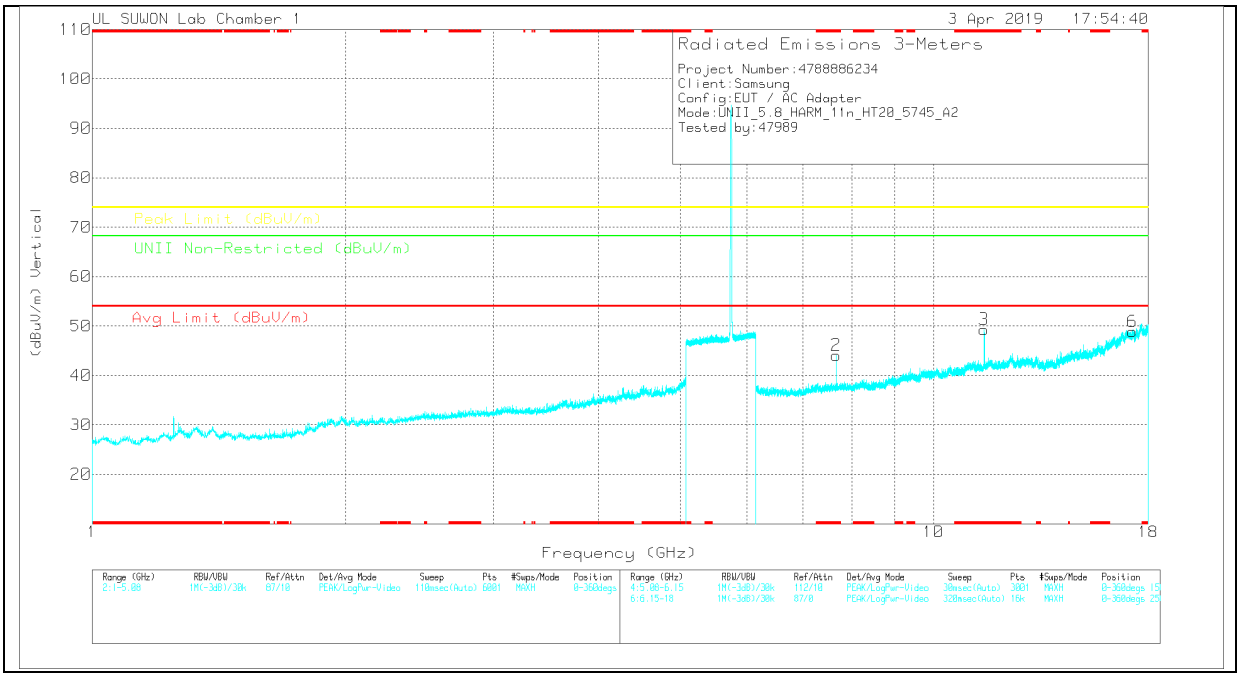
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-63.87	Pk	35	-17.7	11.8	0	-34.77	26.99	-61.76	182	195	V
2	5.978	-65.36	Pk	35.1	-17.7	11.8	0	-36.16	-27	-9.16	182	195	V

Pk - Peak detector

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

LOW CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.66	37.01	PK	35.8	-26.9	0	45.91	-	-	74	-28.09	-	-	0-360	250	H
4	* 11.49	32.58	PK	38.5	-22.3	0	48.78	-	-	74	-25.22	-	-	0-360	150	H
5	17.236	23.81	PK	41.3	-16.7	0	48.41	-	-	-	-	68.2	-19.79	0-360	250	H
2	* 7.659	35.19	PK	35.8	-26.9	0	44.09	-	-	74	-29.91	-	-	0-360	150	V
3	* 11.49	33.09	PK	38.5	-22.3	0	49.29	-	-	74	-24.71	-	-	0-360	150	V
6	17.235	24.26	PK	41.3	-16.7	0	48.86	-	-	-	-	68.2	-19.34	0-360	150	V

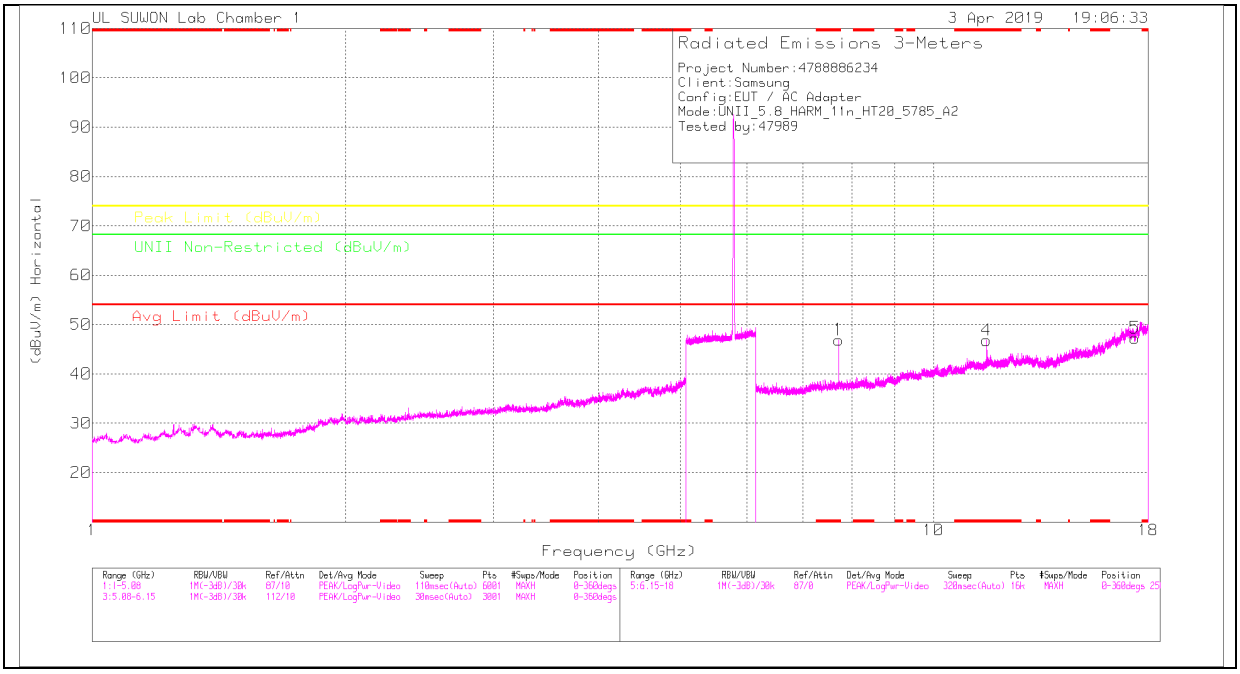
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

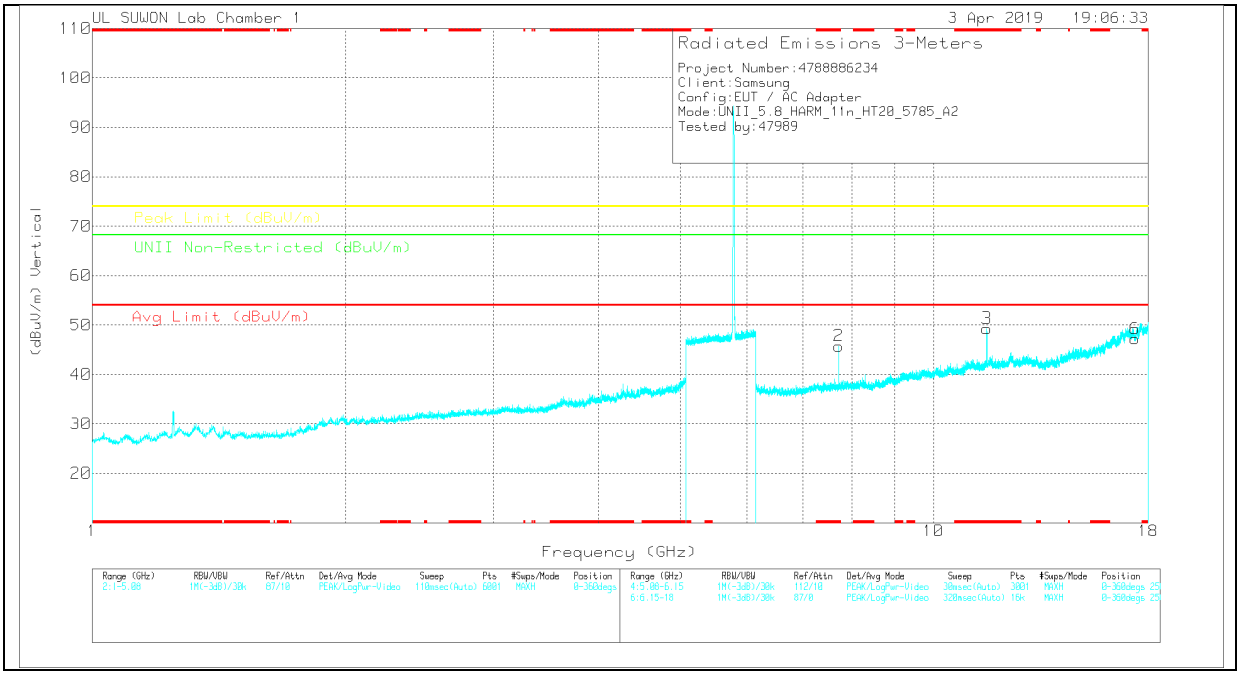
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.66	43.19	PK-U	35.8	-26.9	0	52.09	-	-	74	-21.91	-	-	123	283	H
* 7.66	37.09	ADR	35.8	-26.9	0	45.99	54	-8.01	-	-	-	-	123	283	H
* 7.66	43.56	PK-U	35.8	-26.9	0	52.46	-	-	74	-21.54	-	-	190	389	V
* 7.66	37.9	ADR	35.8	-26.9	0	46.8	54	-7.2	-	-	-	-	190	389	V
* 11.49	45.05	PK-U	38.5	-22.3	0	61.25	-	-	74	-12.75	-	-	183	156	V
* 11.49	32.76	ADR	38.5	-22.3	0	48.96	54	-5.04	-	-	-	-	183	156	V
* 11.49	46.4	PK-U	38.5	-22.3	0	62.6	-	-	74	-11.4	-	-	221	162	H
* 11.49	34.36	ADR	38.5	-22.3	0	50.56	54	-3.44	-	-	-	-	221	162	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 HORIZONTAL



MID CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.713	37.58	PK	35.9	-26.6	0	46.88	-	-	74	-27.12	-	-	0-360	150	H
4	* 11.568	30.71	PK	38.6	-22.5	0	46.81	-	-	74	-27.19	-	-	0-360	150	H
5	17.354	23.67	PK	41.2	-17.6	0	47.27	-	-	-	-	68.2	-20.93	0-360	250	H
2	* 7.713	36.46	PK	35.9	-26.6	0	45.76	-	-	74	-28.24	-	-	0-360	150	V
3	* 11.573	33.19	PK	38.6	-22.5	0	49.29	-	-	74	-24.71	-	-	0-360	150	V
6	17.355	23.64	PK	41.2	-17.6	0	47.24	-	-	-	-	68.2	-20.96	0-360	150	V

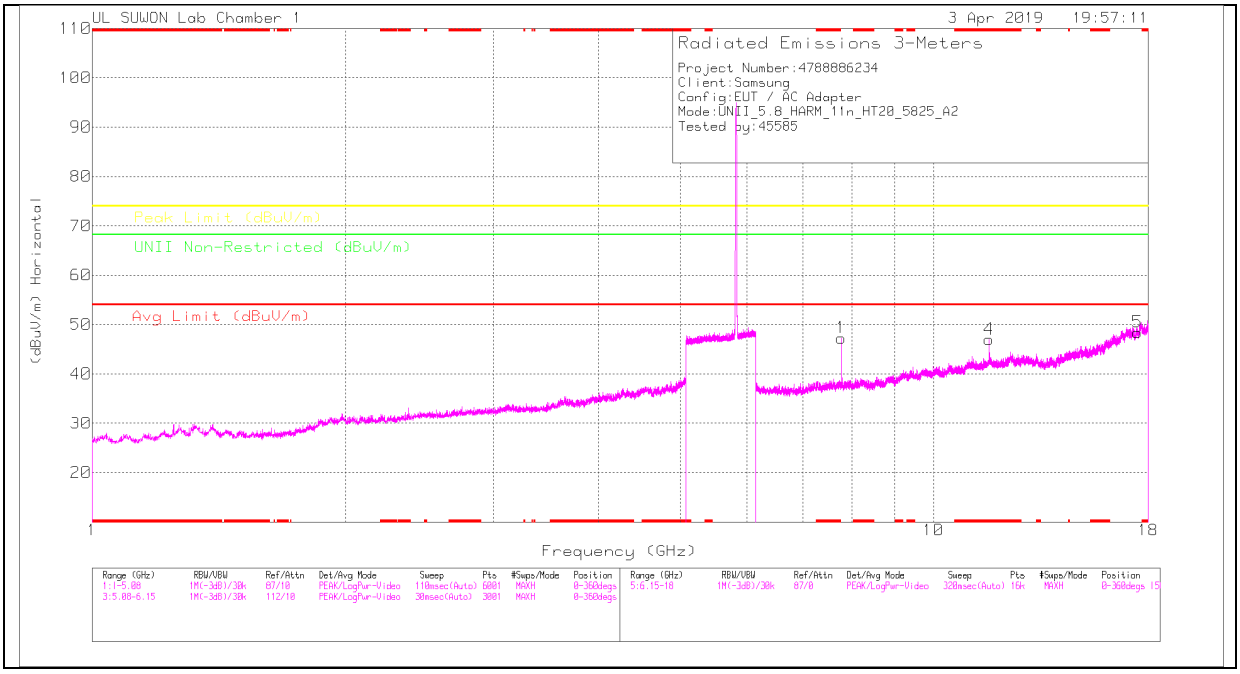
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

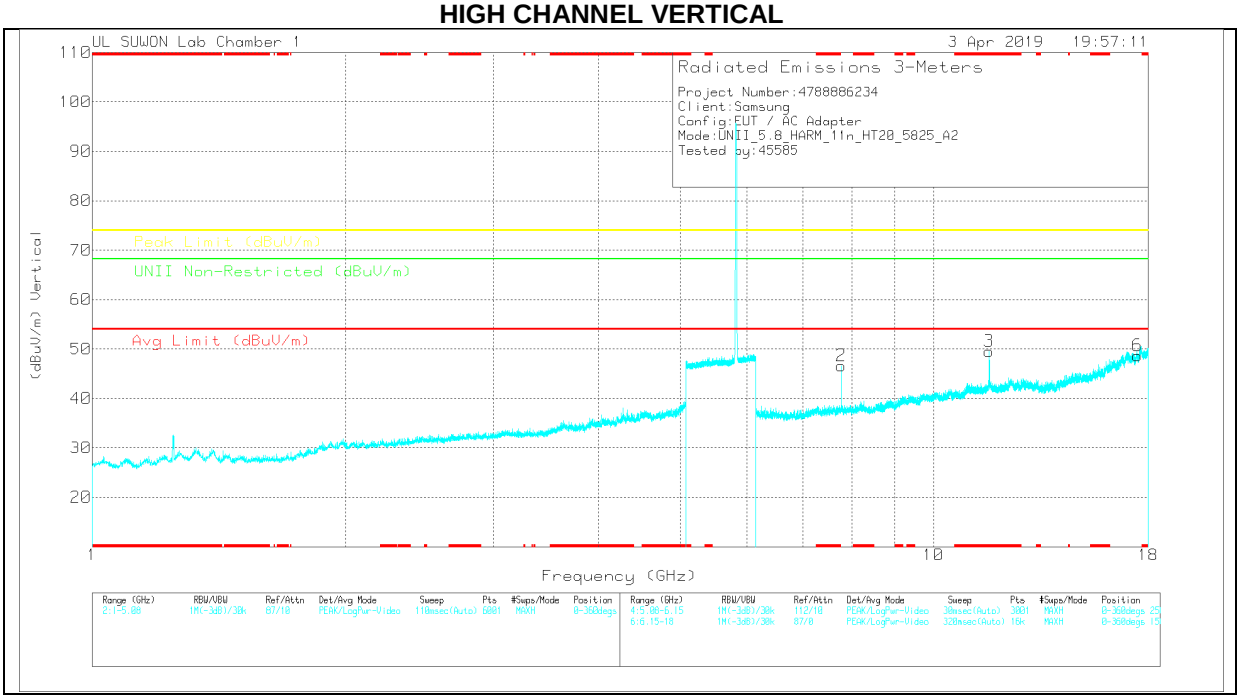
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.713	43.98	PK-U	35.9	-26.6	0	53.28	-	-	74	-20.72	-	-	128	279	H
* 7.713	38.39	ADR	35.9	-26.6	0	47.69	54	-6.31	-	-	-	-	128	279	H
* 7.713	43.95	PK-U	35.9	-26.6	0	53.25	-	-	74	-20.75	-	-	196	369	V
* 7.713	38.8	ADR	35.9	-26.6	0	48.1	54	-5.9	-	-	-	-	196	369	V
* 11.57	44.74	PK-U	38.6	-22.5	0	60.84	-	-	74	-13.16	-	-	176	151	V
* 11.57	31.24	ADR	38.6	-22.5	0	47.34	54	-6.66	-	-	-	-	176	151	V
* 11.57	43.78	PK-U	38.6	-22.5	0	59.88	-	-	74	-14.12	-	-	218	157	H
* 11.57	31.04	ADR	38.6	-22.5	0	47.14	54	-6.86	-	-	-	-	218	157	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 HORIZONTAL



HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.766	37.8	PK	35.9	-26.4	0	47.3	-	-	-	-	68.2	-20.9	0-360	150	H
4	* 11.65	30.01	PK	38.7	-21.7	0	47.01	-	-	74	-26.99	-	-	0-360	150	H
5	17.475	23.74	PK	41.2	-16.5	0	48.44	-	-	-	-	68.2	-19.76	0-360	250	H
2	7.767	37.13	PK	35.9	-26.4	0	46.63	-	-	-	-	68.2	-21.57	0-360	150	V
3	* 11.65	32.57	PK	38.7	-21.7	0	49.57	-	-	74	-24.43	-	-	0-360	150	V
6	17.476	23.97	PK	41.2	-16.5	0	48.67	-	-	-	-	68.2	-19.53	0-360	250	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

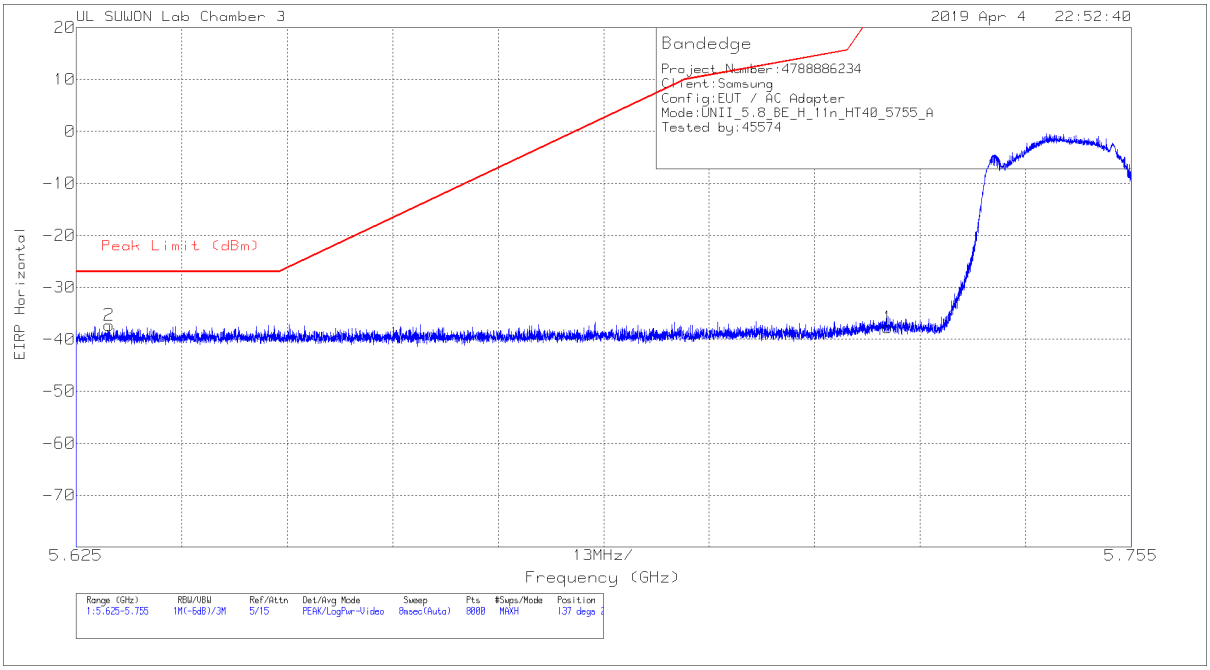
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
7.766	44.43	PK-U	35.9	-26.4	0	53.93	-	-	-	-	68.2	-14.27	108	372	H
7.767	43.84	PK-U	35.9	-26.4	0	53.34	-	-	-	-	68.2	-14.86	198	375	V
* 11.65	44.24	PK-U	38.7	-21.7	0	61.24	-	-	74	-12.76	-	-	179	158	V
* 11.65	31.43	ADR	38.7	-21.7	0	48.43	54	-5.57	-	-	-	-	179	158	V
* 11.65	42.42	PK-U	38.7	-21.7	0	59.42	-	-	74	-14.58	-	-	217	157	H
* 11.65	30.45	ADR	38.7	-21.7	0	47.45	54	-6.55	-	-	-	-	217	157	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

11.4.7. TX ABOVE 1GHz 802.11n HT40 2Tx CDD MODE IN THE 5.8GHz BAND BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK PLOT

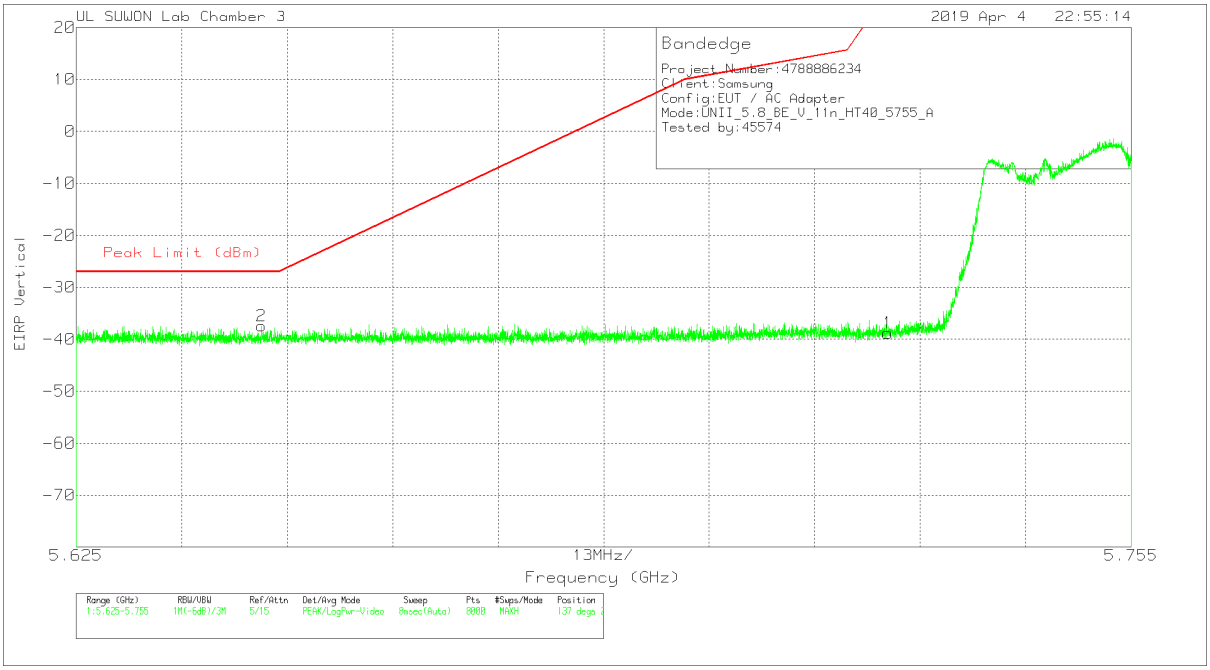


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_0020595 9	10dB[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-66.41	Pk	34.8	-17.9	11.8	-37.71	27	-64.71	137	235	H
2	5.629	-65.46	Pk	34.7	-18.3	11.8	-37.26	-27	-10.26	137	235	H

Pk - Peak detector

VERTICAL PEAK PLOT



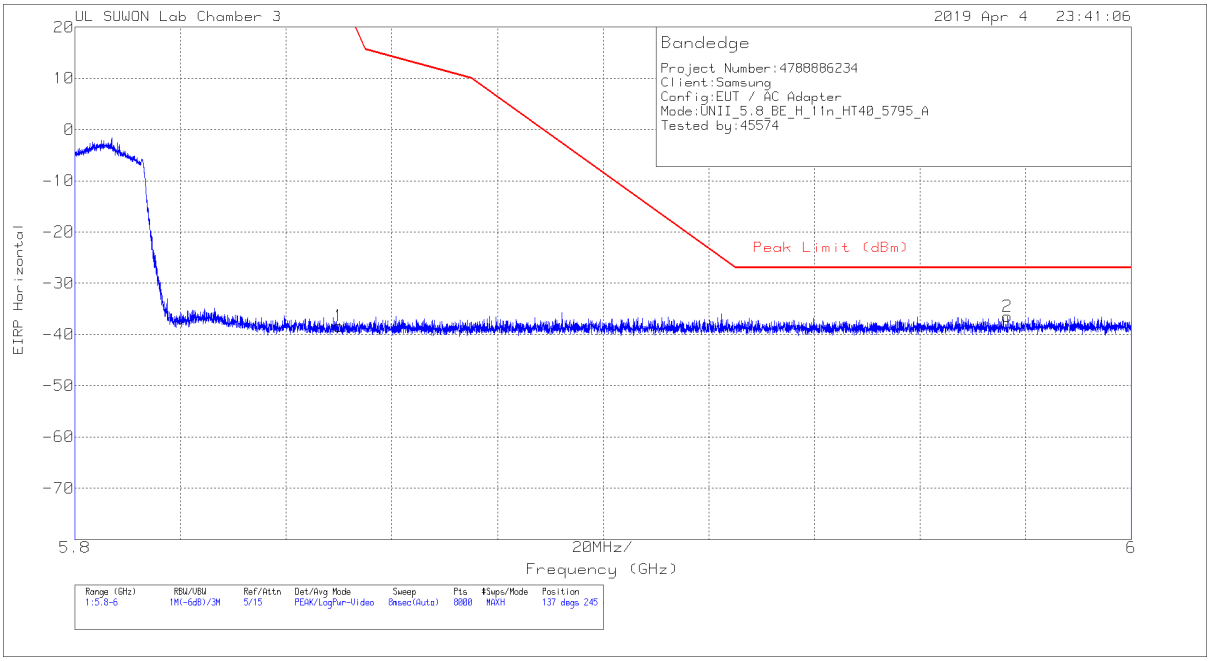
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_0020595 9	10dB[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-67.5	Pk	34.8	-17.9	11.8	-38.8	27	-65.8	137	235	V
2	5.648	-65.72	Pk	34.7	-18.2	11.8	-37.42	-27	-10.42	137	235	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT

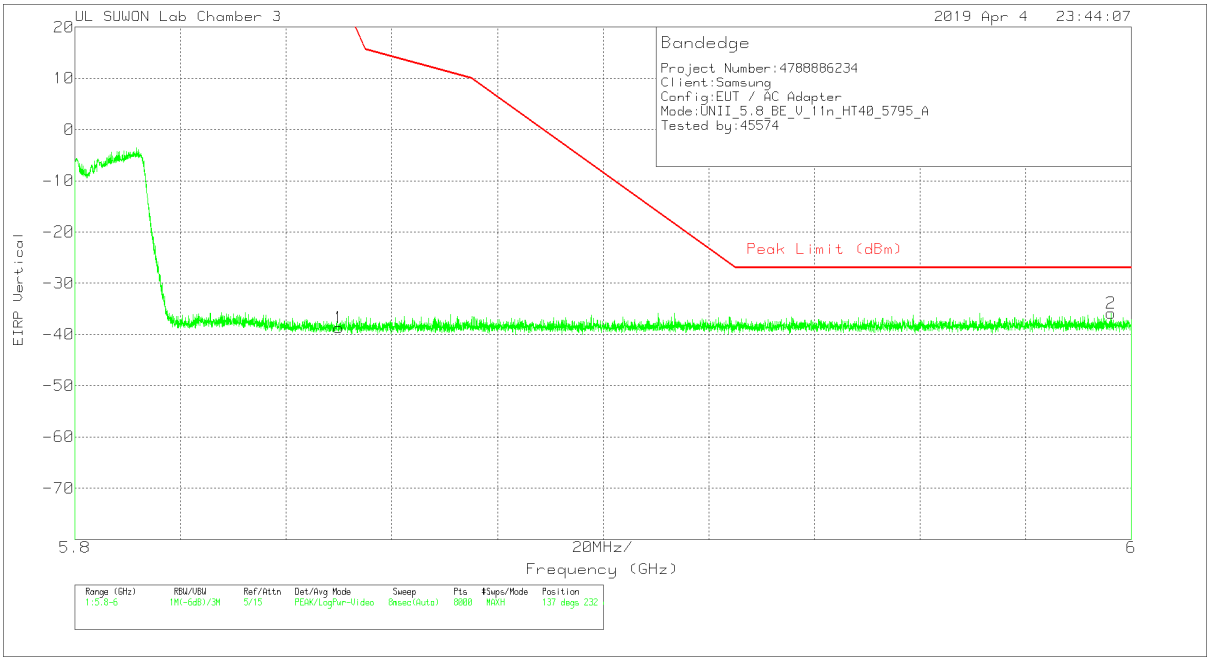


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_0020595 9	10dB[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.46	Pk	35	-17.7	11.8	-38.36	26.99	-65.35	137	245	H
2	5.977	-65.72	Pk	35.1	-17.6	11.8	-36.42	-27	-9.42	137	245	H

Pk - Peak detector

VERTICAL PEAK PLOT

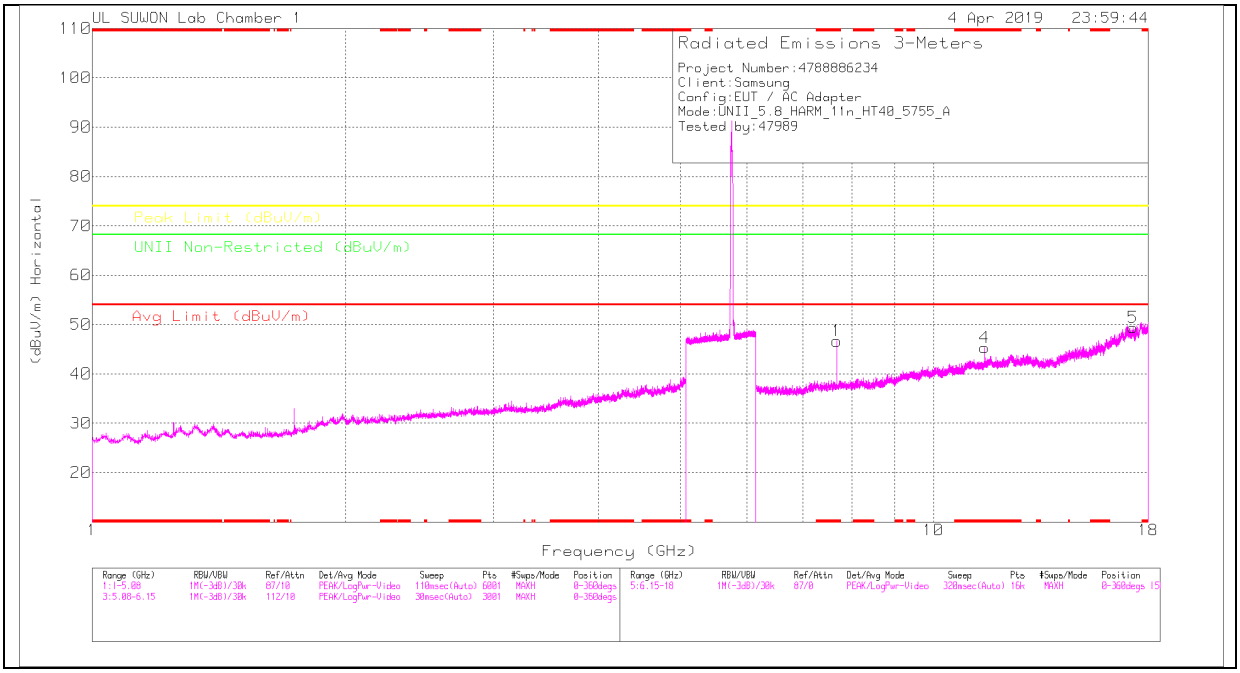


Trace Markers

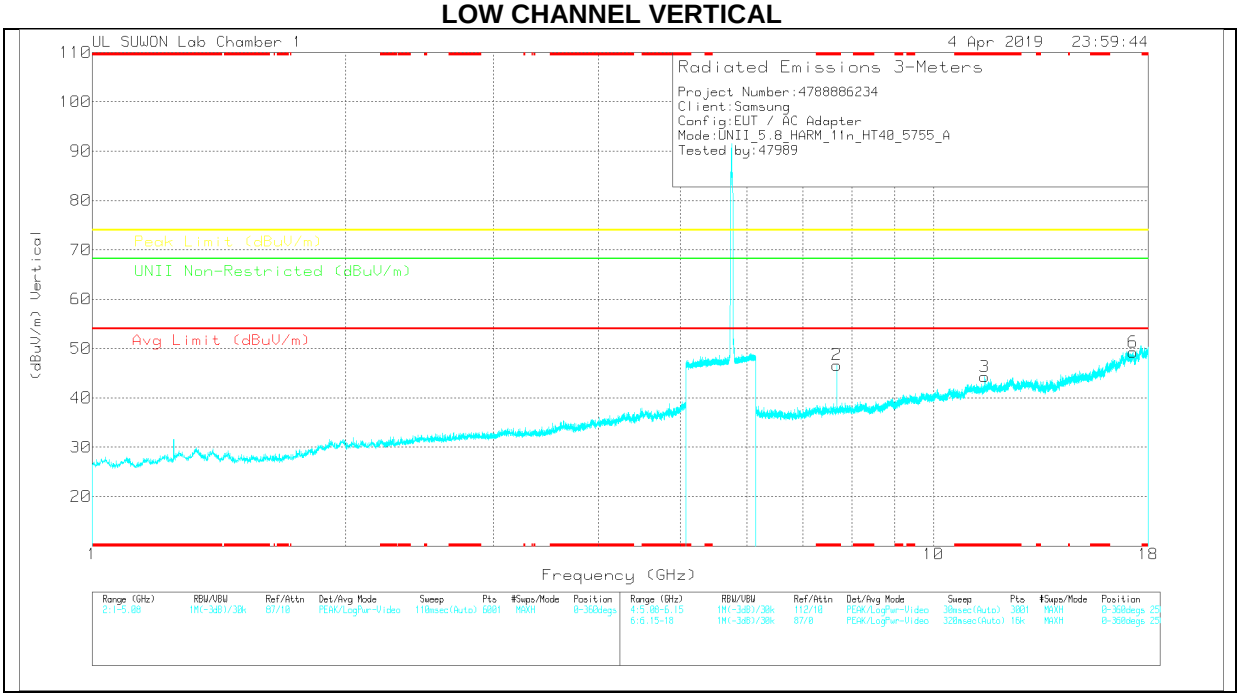
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_0020595 9	10dB[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.79	Pk	35	-17.7	11.8	-38.69	26.99	-65.68	137	232	V
2	5.996	-65.18	Pk	35.1	-17.6	11.8	-35.88	-27	-8.88	137	232	V

Pk - Peak detector

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

LOW CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.673	37.68	PK	35.9	-26.9	0	46.68	-	-	74	-27.32	-	-	0-360	150	H
4	* 11.51	29.11	PK	38.5	-22.3	0	45.31	-	-	74	-28.69	-	-	0-360	150	H
5	17.268	24.56	PK	41.3	-16.5	0	49.36	-	-	-	-	68.2	-18.84	0-360	150	H
2	* 7.673	37.66	PK	35.9	-26.9	0	46.66	-	-	74	-27.34	-	-	0-360	150	V
3	* 11.51	28.08	PK	38.5	-22.3	0	44.28	-	-	74	-29.72	-	-	0-360	150	V
6	17.266	24.35	PK	41.3	-16.4	0	49.25	-	-	-	-	68.2	-18.95	0-360	250	V

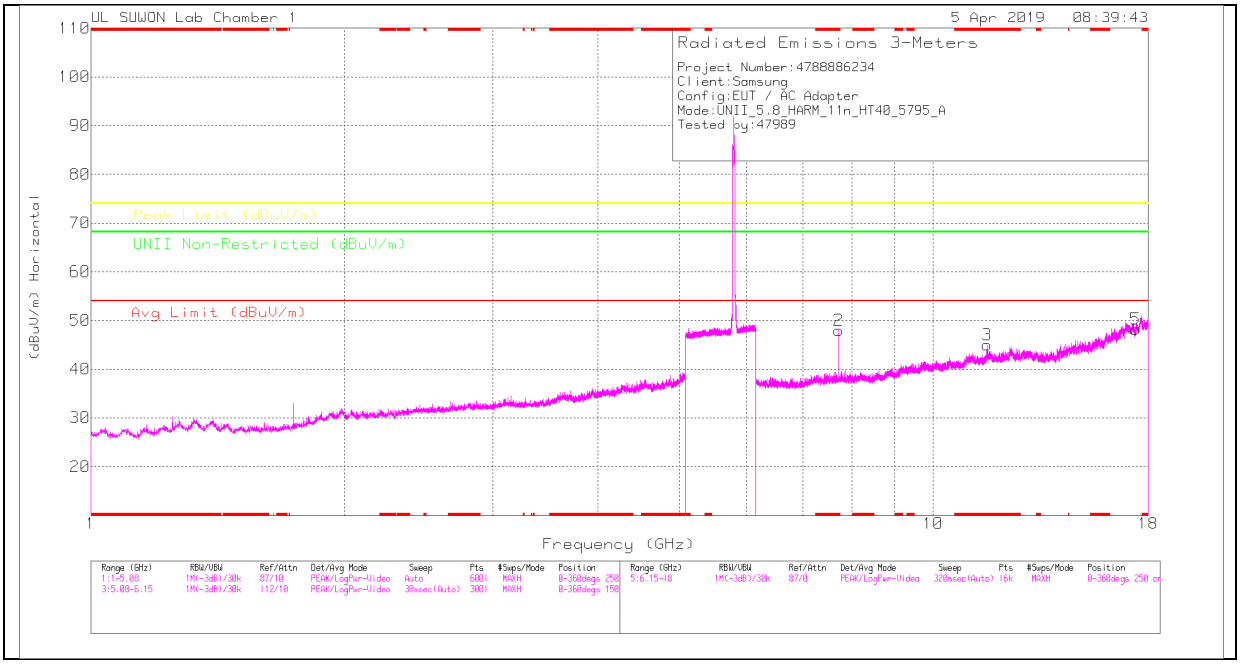
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

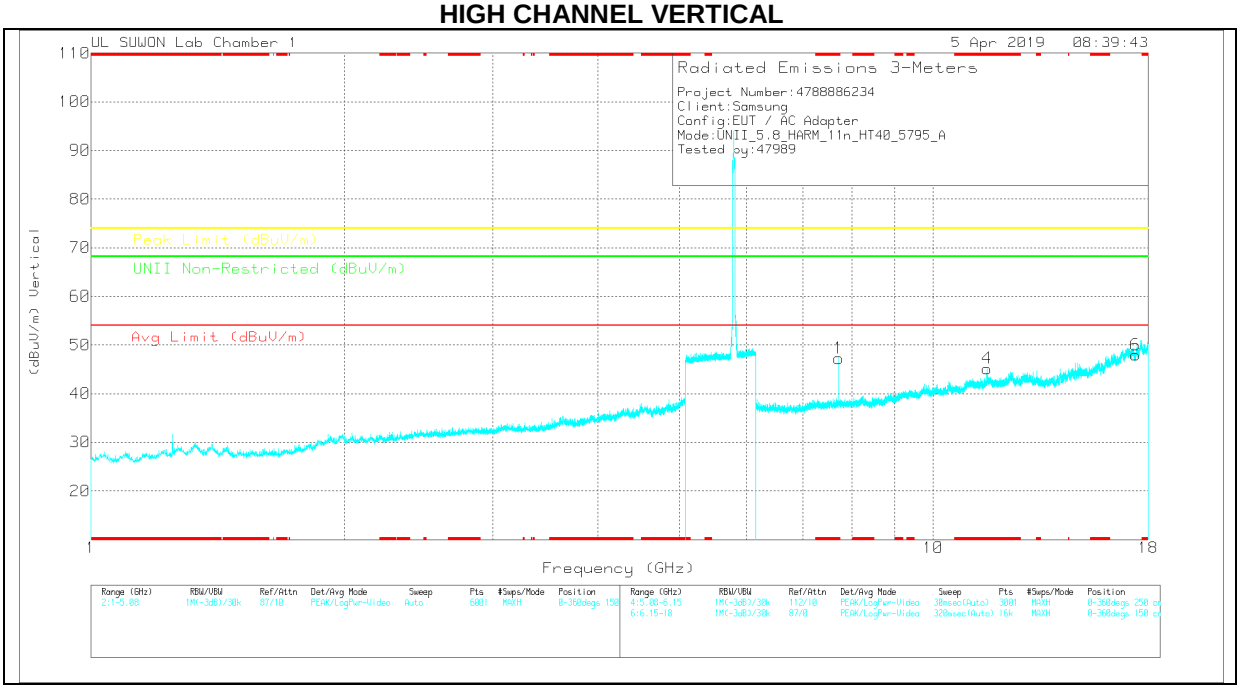
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.673	42.54	PK-U	35.9	-26.9	0	51.54	-	-	74	-22.46	-	-	204	150	H
* 7.673	36.58	ADR	35.9	-26.9	0	45.58	54	-8.42	-	-	-	-	204	150	H
* 7.673	42.79	PK-U	35.9	-26.9	0	51.79	-	-	74	-22.21	-	-	140	174	V
* 7.673	36.46	ADR	35.9	-26.9	0	45.46	54	-8.54	-	-	-	-	140	174	V
* 11.51	39.84	PK-U	38.5	-22.3	0	56.04	-	-	74	-17.96	-	-	158	161	V
* 11.51	29.39	ADR	38.5	-22.3	0	45.59	54	-8.41	-	-	-	-	158	161	V
* 11.51	39	PK-U	38.5	-22.3	0	55.2	-	-	74	-18.8	-	-	95	152	H
* 11.51	28.67	ADR	38.5	-22.3	0	44.87	54	-9.13	-	-	-	-	95	152	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 HORIZONTAL



HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 7.727	38.51	PK	35.9	-26.5	0	47.91	-	-	74	-26.09	-	-	0-360	150	H
3	* 11.59	28.83	PK	38.6	-22.4	0	45.03	-	-	74	-28.97	-	-	0-360	150	H
5	17.387	24.21	PK	41.2	-17.2	0	48.21	-	-	-	-	68.2	-19.99	0-360	250	H
1	* 7.726	37.85	PK	35.9	-26.5	0	47.25	-	-	74	-26.75	-	-	0-360	150	V
4	* 11.592	28.98	PK	38.6	-22.4	0	45.18	-	-	74	-28.82	-	-	0-360	150	V
6	17.388	23.8	PK	41.2	-17.1	0	47.9	-	-	-	-	68.2	-20.3	0-360	150	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

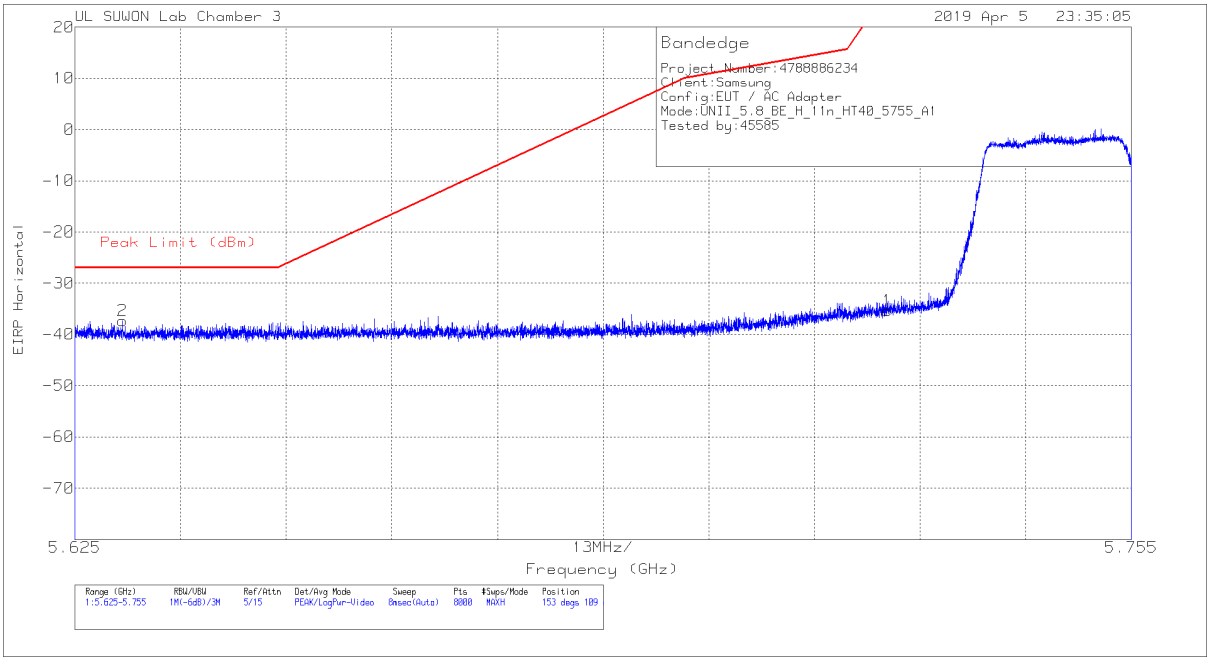
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.726	43.13	PK-U	35.9	-26.5	0	52.53	-	-	74	-21.47	-	-	110	305	H
* 7.727	38.59	ADR	35.9	-26.5	0	47.99	54	-6.01	-	-	-	-	110	305	H
* 7.727	43.34	PK-U	35.9	-26.5	0	52.74	-	-	74	-21.26	-	-	197	389	V
* 7.727	38.2	ADR	35.9	-26.5	0	47.6	54	-6.4	-	-	-	-	197	389	V
* 11.591	39.64	PK-U	38.6	-22.4	0	55.84	-	-	74	-18.16	-	-	178	155	V
* 11.59	28.11	ADR	38.6	-22.4	0	44.31	54	-9.69	-	-	-	-	178	155	V
* 11.59	39.55	PK-U	38.6	-22.4	0	55.75	-	-	74	-18.25	-	-	220	163	H
* 11.59	28.18	ADR	38.6	-22.4	0	44.38	54	-9.62	-	-	-	-	220	163	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

11.4.8.TX ABOVE 1GHz 802.11n HT40 1Tx ANT1 IN THE 5.8GHz BAND BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK PLOT

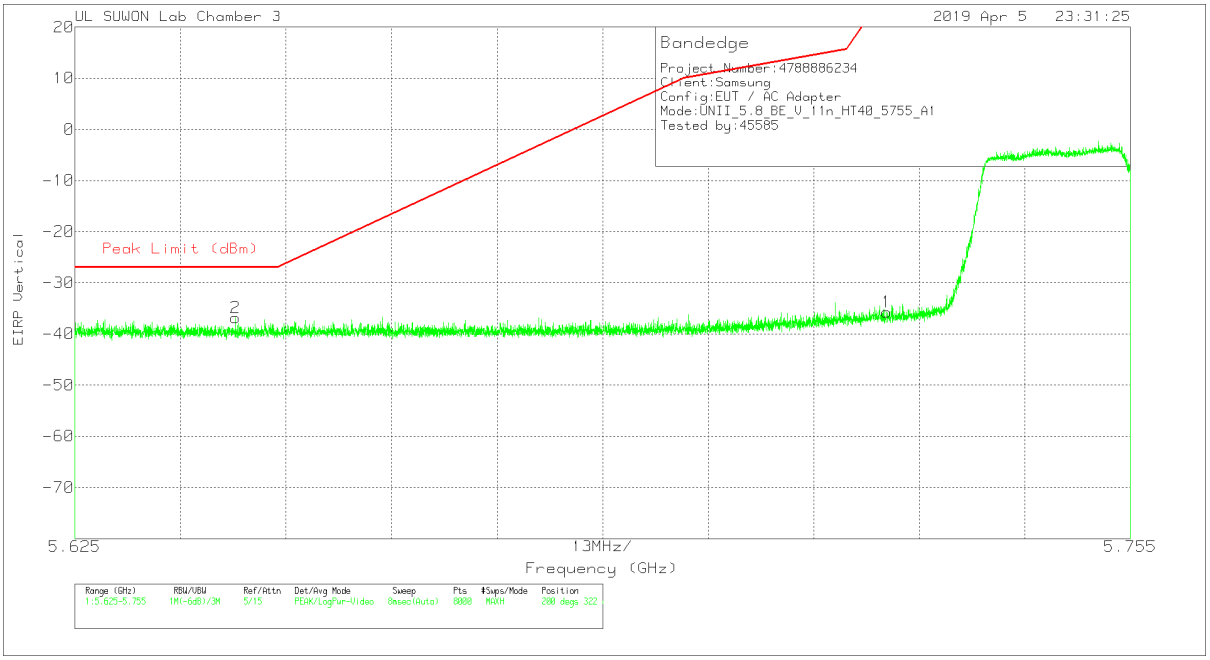


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-64.05	Pk	34.8	-17.9	11.8	0	-35.35	27	-62.35	153	109	H
2	5.631	-65.49	Pk	34.7	-18.3	11.8	0	-37.29	-27	-10.29	153	109	H

Pk - Peak detector

VERTICAL PEAK PLOT



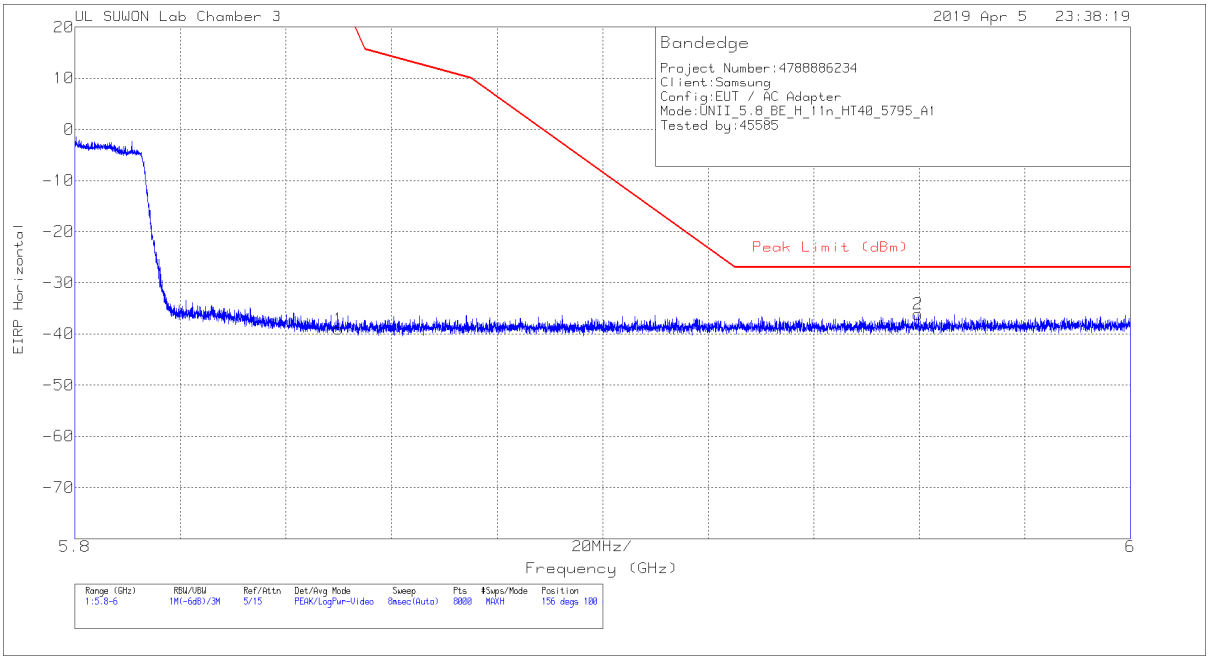
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-64.43	Pk	34.8	-17.9	11.8	0	-35.73	27	-62.73	200	322	V
2	5.645	-65.18	Pk	34.7	-18.2	11.8	0	-36.88	-27	-9.88	200	322	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT

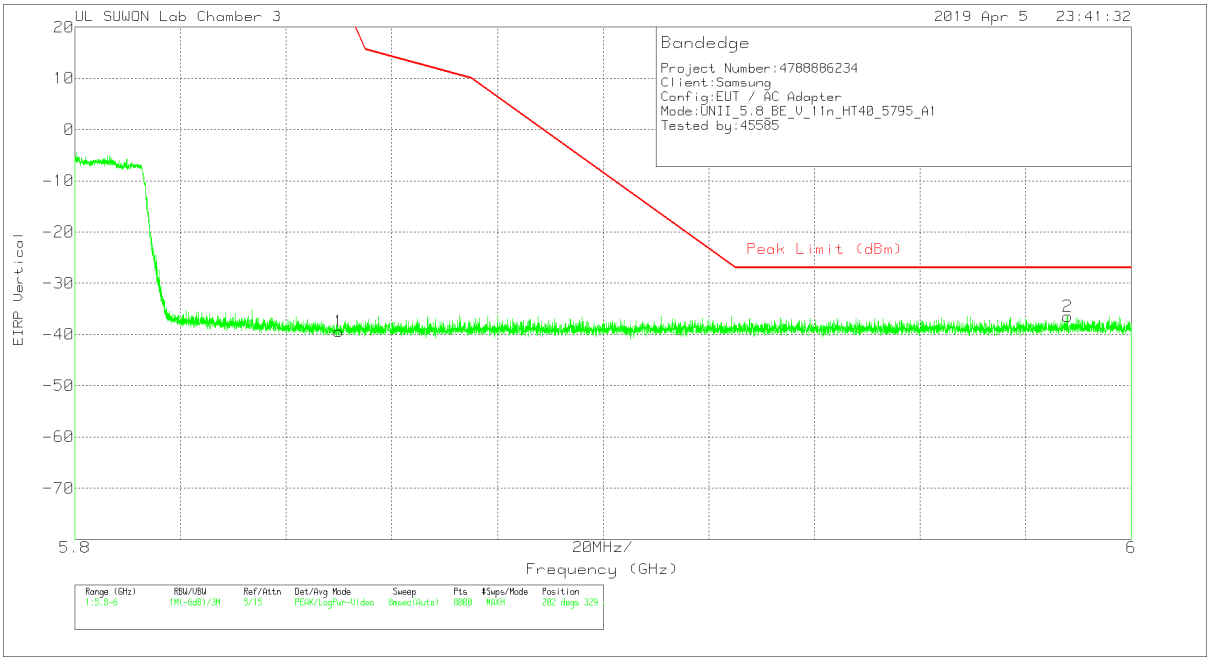


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.15	Pk	35	-17.7	11.8	0	-39.05	26.99	-66.04	156	100	H
2	5.96	-65.35	Pk	35.1	-17.7	11.8	0	-36.15	-27	-9.15	156	100	H

Pk - Peak detector

VERTICAL PEAK PLOT

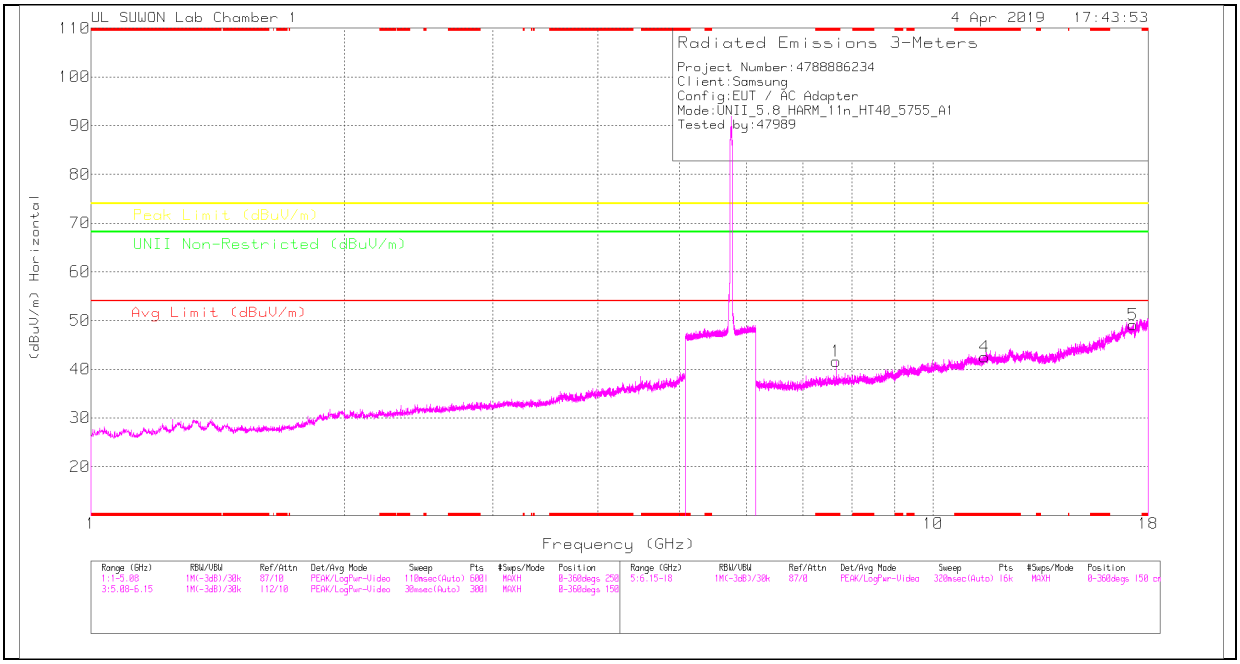


Trace Markers

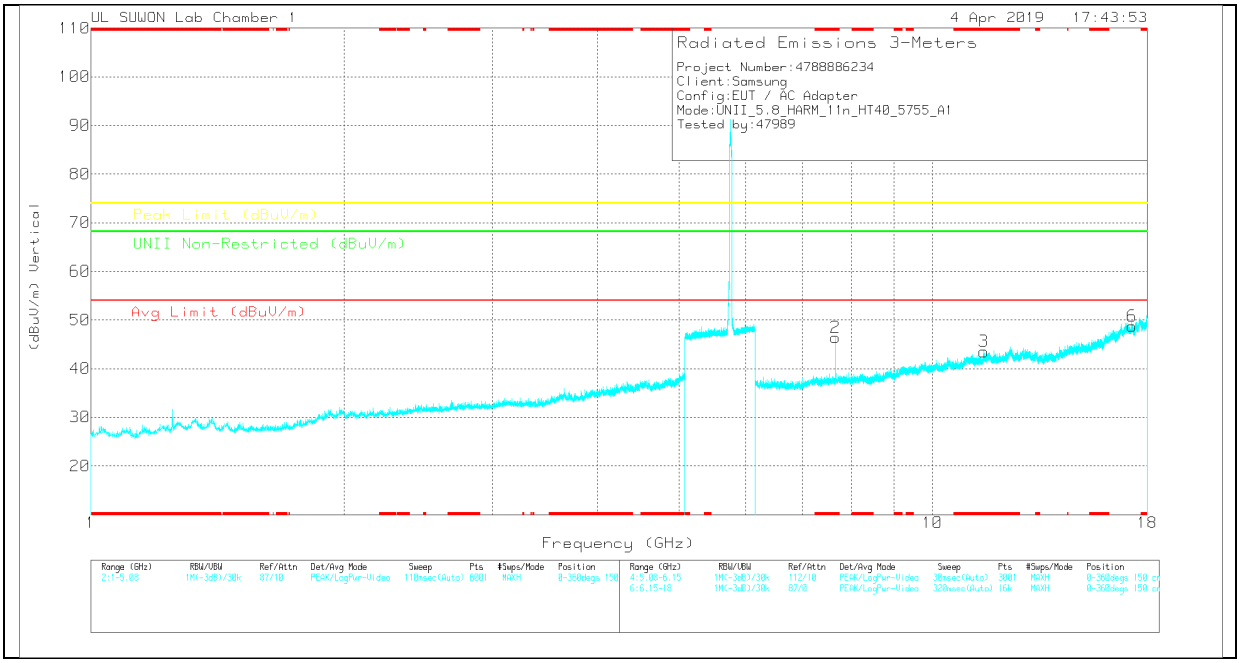
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.54	Pk	35	-17.7	11.8	0	-39.44	26.99	-66.43	202	329	V
2	5.988	-65.76	Pk	35.1	-17.6	11.8	0	-36.46	-27	-9.46	202	329	V

Pk - Peak detector

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

LOW CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.673	32.67	PK	35.9	-26.9	0	41.67	-	-	74	-32.33	-	-	0-360	150	H
4	* 11.513	26.27	PK	38.5	-22.3	0	42.47	-	-	74	-31.53	-	-	0-360	150	H
5	17.264	24.28	PK	41.3	-16.5	0	49.08	-	-	-	-	68.2	-19.12	0-360	150	H
2	* 7.673	37.43	PK	35.9	-26.9	0	46.43	-	-	74	-27.57	-	-	0-360	150	V
3	* 11.513	27.3	PK	38.5	-22.3	0	43.5	-	-	74	-30.5	-	-	0-360	250	V
6	17.266	23.85	PK	41.3	-16.4	0	48.75	-	-	-	-	68.2	-19.45	0-360	150	V

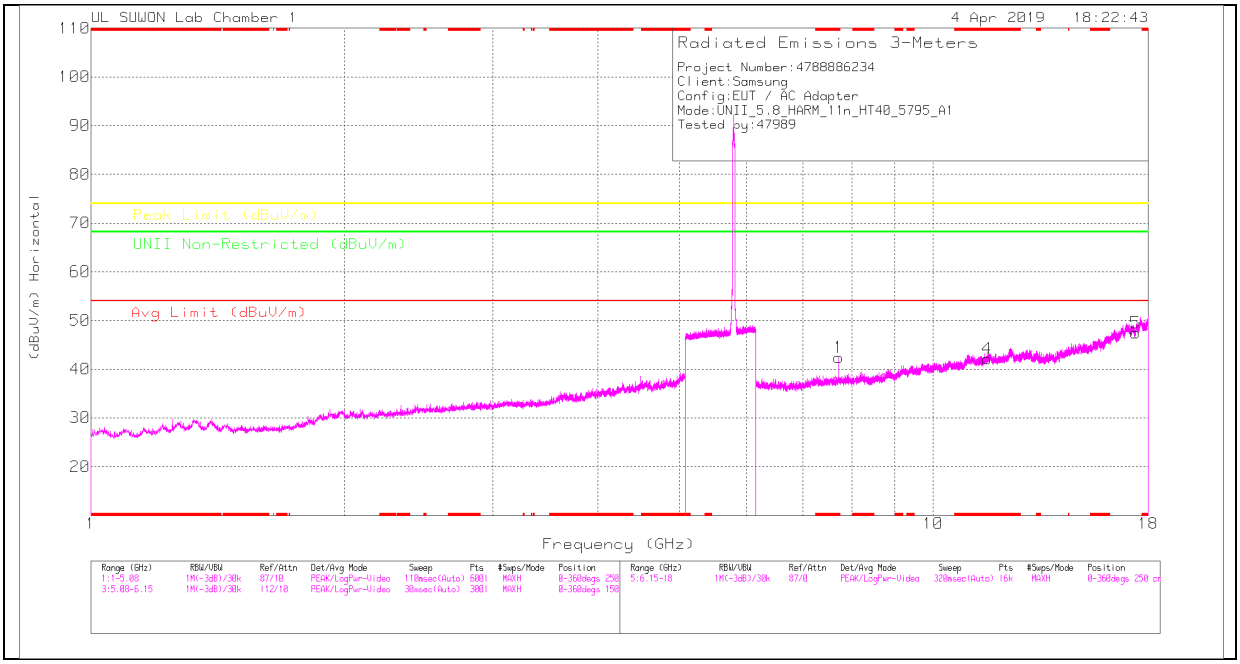
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

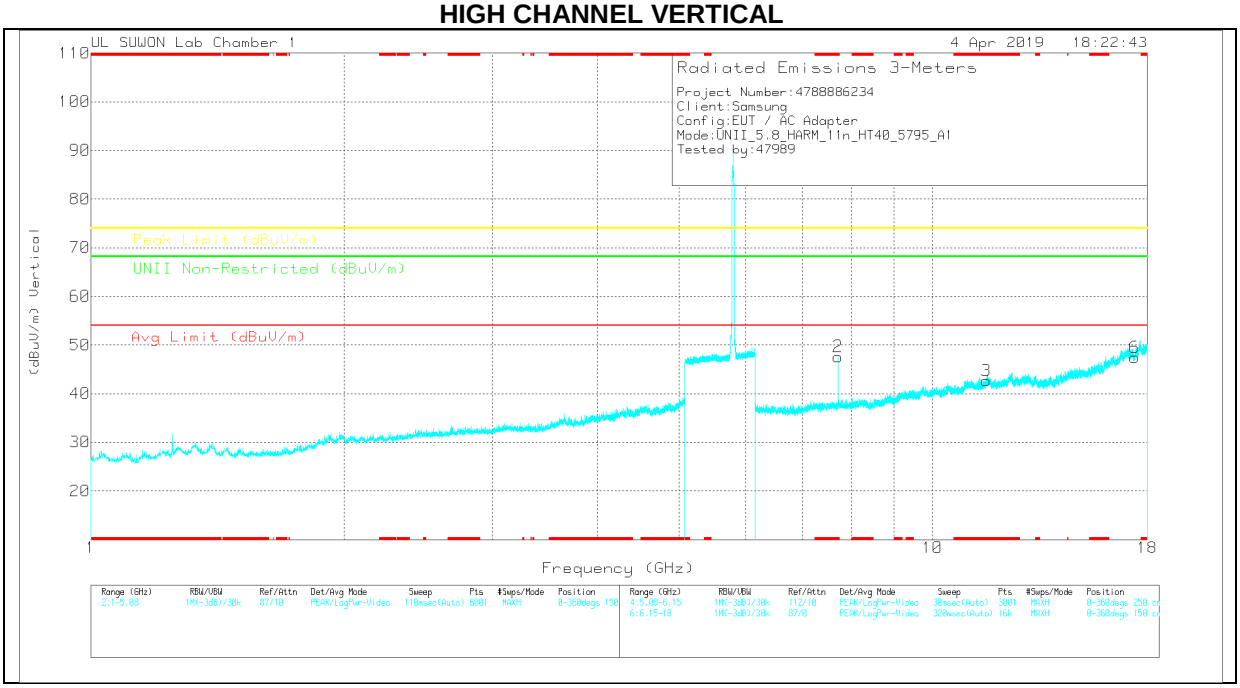
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.673	41.37	PK-U	35.9	-26.9	0	50.37	-	-	74	-23.63	-	-	102	100	H
* 7.673	33.72	ADR	35.9	-26.9	0	42.72	54	-11.28	-	-	-	-	102	100	H
* 7.673	43.29	PK-U	35.9	-26.9	0	52.29	-	-	74	-21.71	-	-	75	100	V
* 7.673	36.88	ADR	35.9	-26.9	0	45.88	54	-8.12	-	-	-	-	75	100	V

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

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.726	33.03	PK	35.9	-26.5	0	42.43	-	-	74	-31.57	-	-	0-360	150	H
4	* 11.59	25.91	PK	38.6	-22.4	0	42.11	-	-	74	-31.89	-	-	0-360	250	H
5	17.385	23.39	PK	41.2	-17.2	0	47.39	-	-	-	-	68.2	-20.81	0-360	150	H
2	* 7.727	38.23	PK	35.9	-26.5	0	47.63	-	-	74	-26.37	-	-	0-360	150	V
3	* 11.591	26.45	PK	38.6	-22.4	0	42.65	-	-	74	-31.35	-	-	0-360	150	V
6	17.385	23.48	PK	41.2	-17.2	0	47.48	-	-	-	-	68.2	-20.72	0-360	250	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

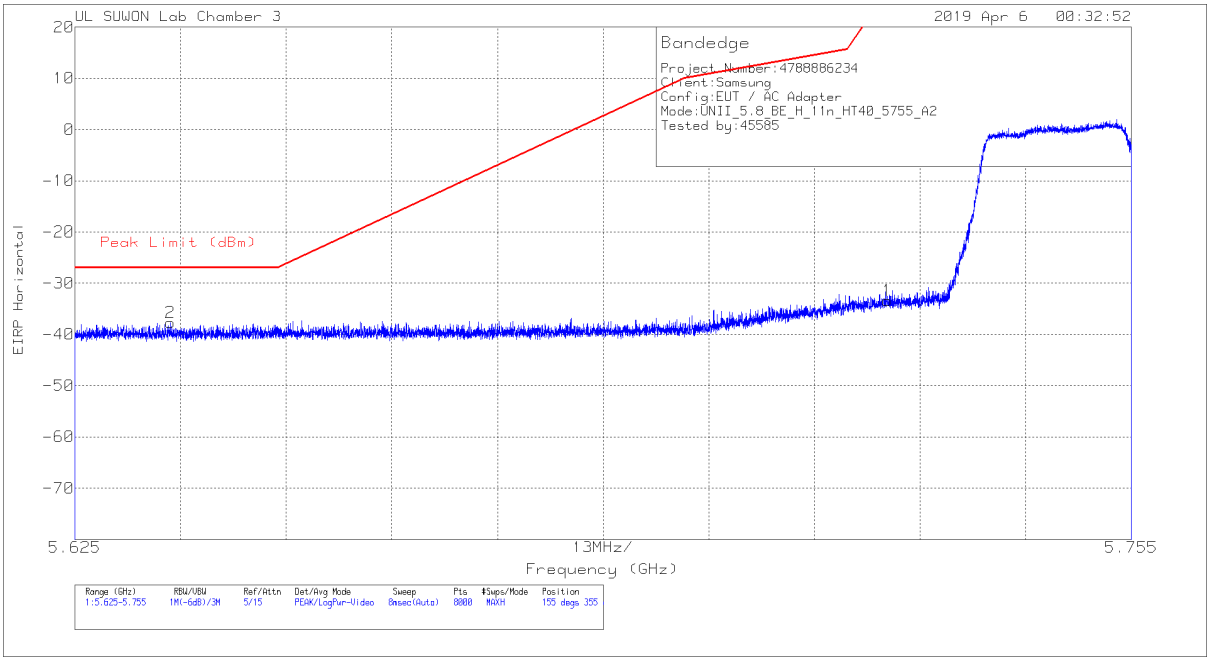
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.727	42.13	PK-U	35.9	-26.5	0	51.53	-	-	74	-22.47	-	-	22	112	H
* 7.727	33.84	ADR	35.9	-26.5	0	43.24	54	-10.76	-	-	-	-	22	112	H
* 7.727	43.93	PK-U	35.9	-26.5	0	53.33	-	-	74	-20.67	-	-	79	101	V
* 7.727	38.74	ADR	35.9	-26.5	0	48.14	54	-5.86	-	-	-	-	79	101	V

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

11.4.9.TX ABOVE 1GHz 802.11n HT40 1Tx ANT2 IN THE 5.8GHz BAND BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK PLOT

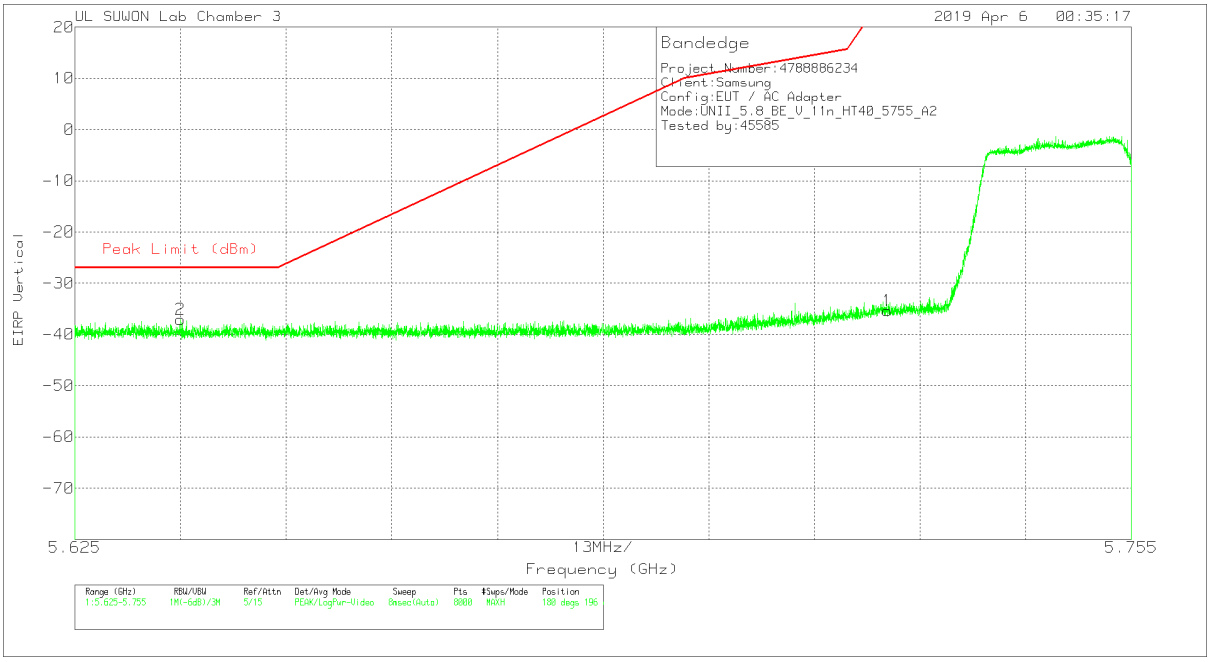


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-62.08	Pk	34.8	-17.9	11.8	0	-33.38	27	-60.38	155	355	H
2	5.637	-66.02	Pk	34.7	-18.2	11.8	0	-37.72	-27	-10.72	155	355	H

Pk - Peak detector

VERTICAL PEAK PLOT



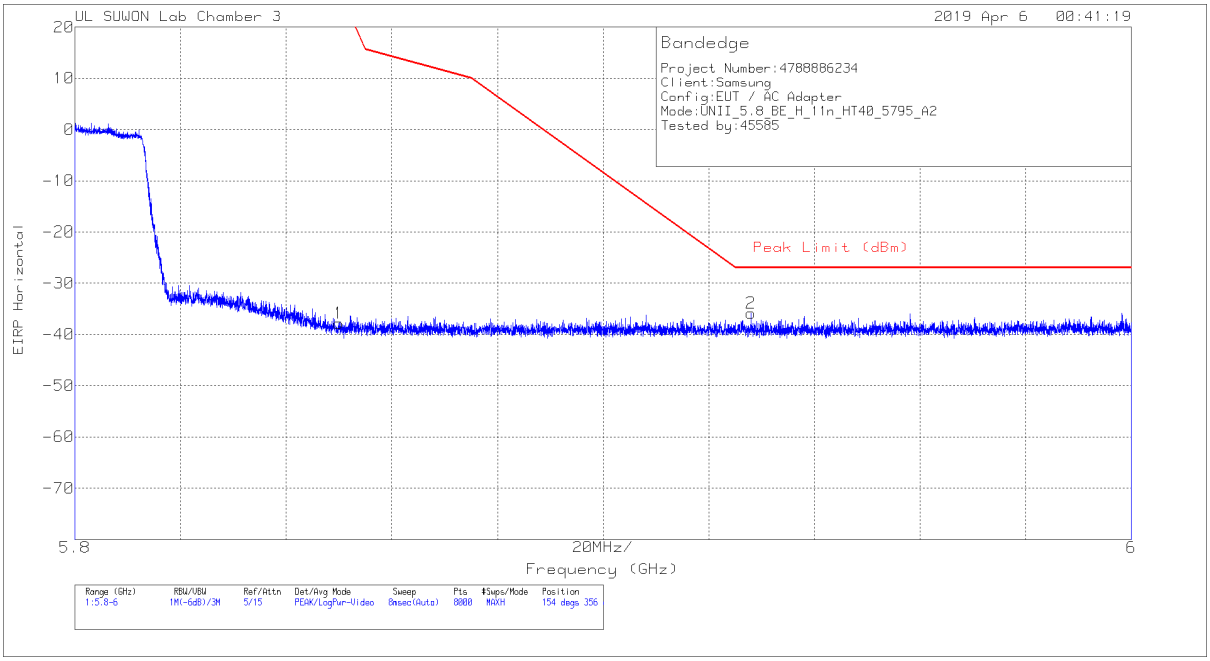
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-64.08	Pk	34.8	-17.9	11.8	0	-35.38	27	-62.38	180	196	V
2	5.638	-65.29	Pk	34.7	-18.3	11.8	0	-37.09	-27	-10.09	180	196	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT

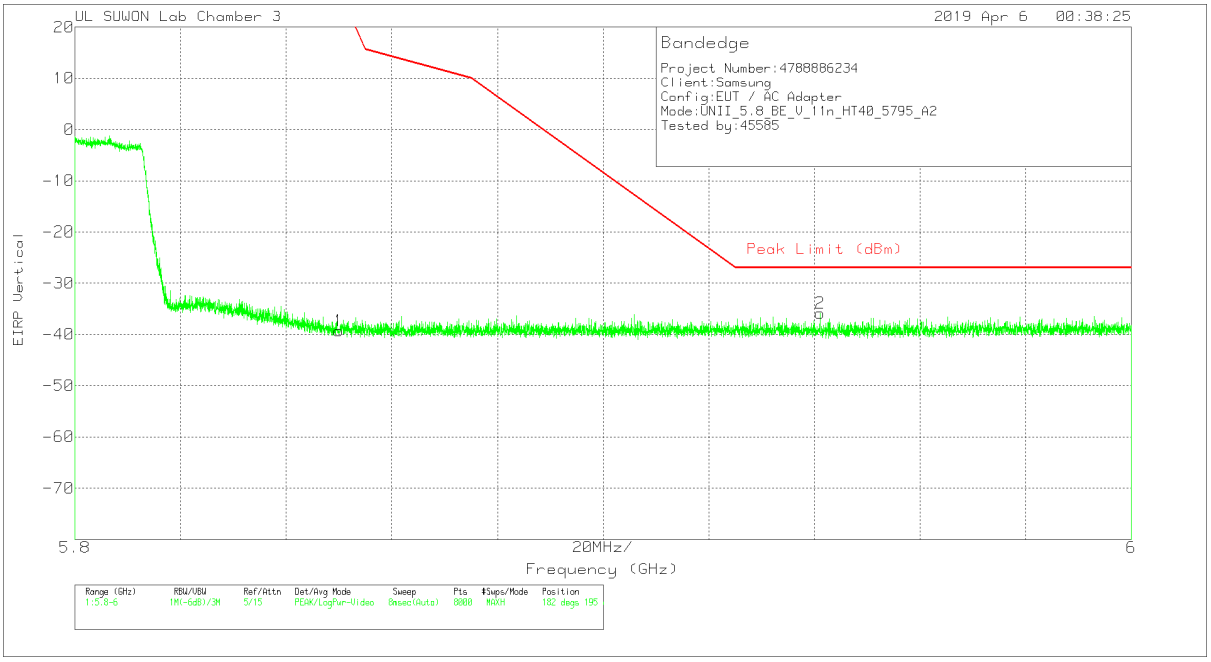


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-66.9	Pk	35	-17.7	11.8	0	-37.8	26.99	-64.79	154	356	H
2	5.928	-65.06	Pk	35.1	-17.7	11.8	0	-35.86	-27	-8.86	154	356	H

Pk - Peak detector

VERTICAL PEAK PLOT

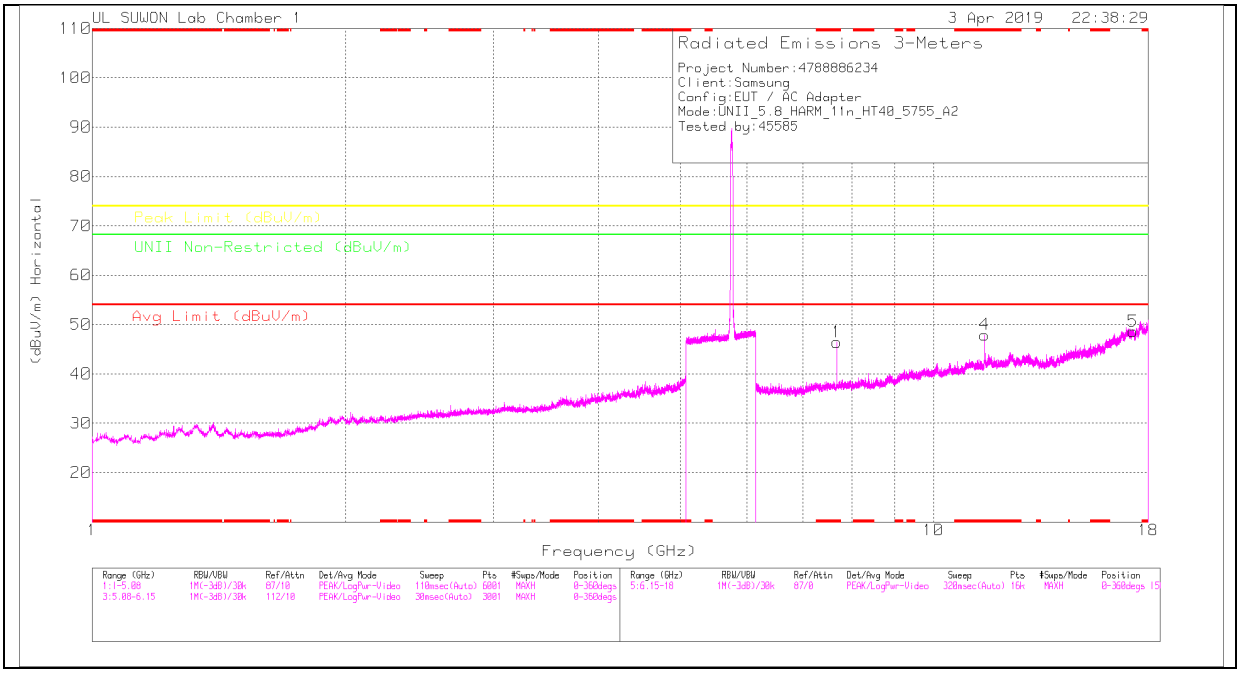


Trace Markers

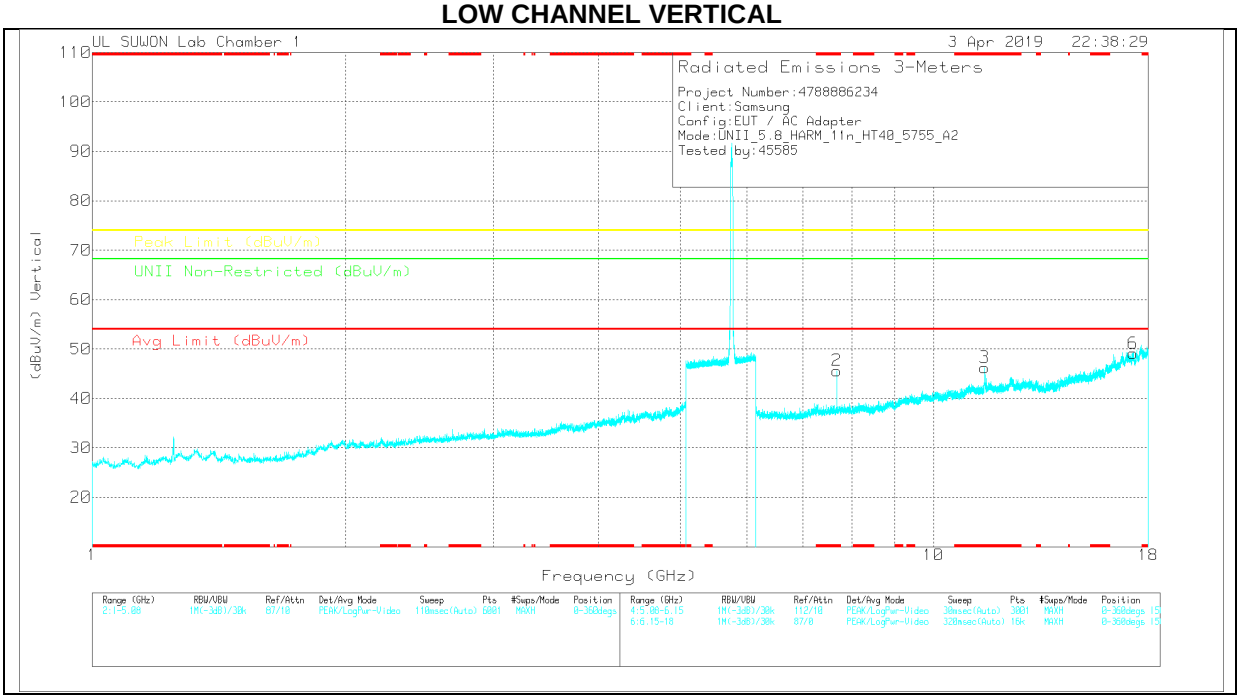
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.43	Pk	35	-17.7	11.8	0	-39.33	26.99	-66.32	182	195	V
2	5.941	-65.03	Pk	35.1	-17.7	11.8	0	-35.83	-27	-8.83	182	195	V

Pk - Peak detector

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

LOW CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.673	37.43	PK	35.9	-26.9	0	46.43	-	-	74	-27.57	-	-	0-360	150	H
4	* 11.51	31.73	PK	38.5	-22.3	0	47.93	-	-	74	-26.07	-	-	0-360	150	H
5	17.265	23.8	PK	41.3	-16.5	0	48.6	-	-	-	-	68.2	-19.6	0-360	250	H
2	* 7.673	36.64	PK	35.9	-26.9	0	45.64	-	-	74	-28.36	-	-	0-360	250	V
3	* 11.51	30.05	PK	38.5	-22.3	0	46.25	-	-	74	-27.75	-	-	0-360	150	V
6	17.265	24.35	PK	41.3	-16.5	0	49.15	-	-	-	-	68.2	-19.05	0-360	250	V

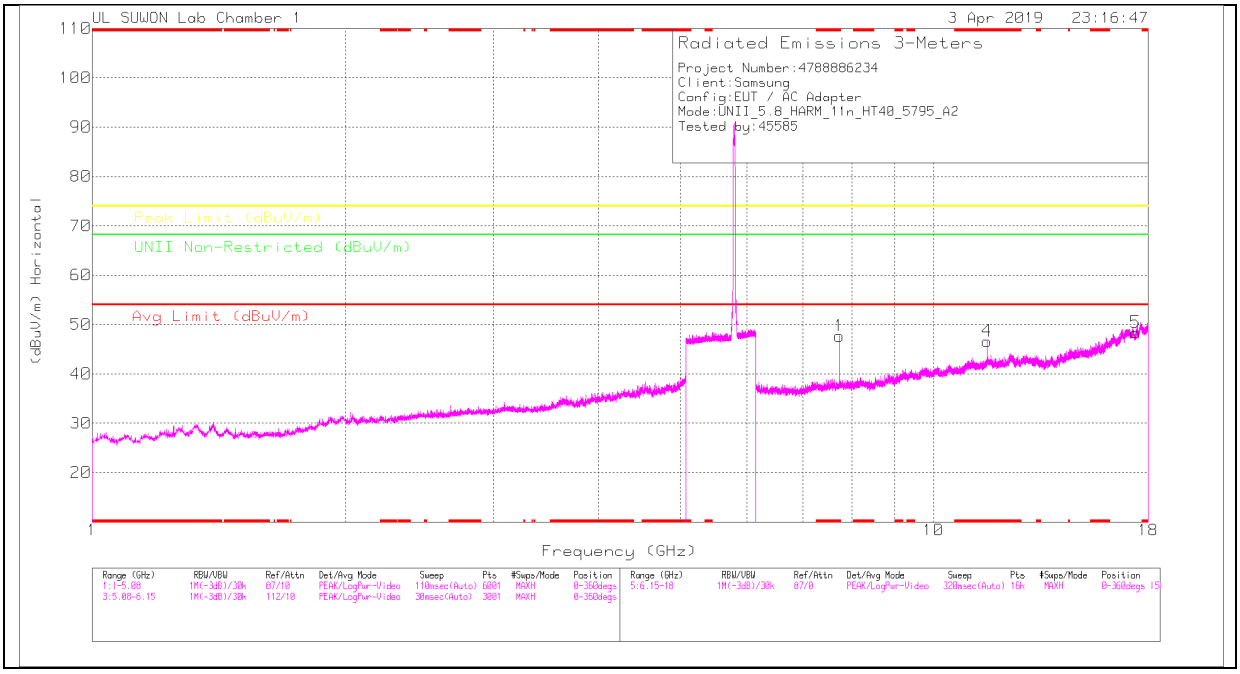
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

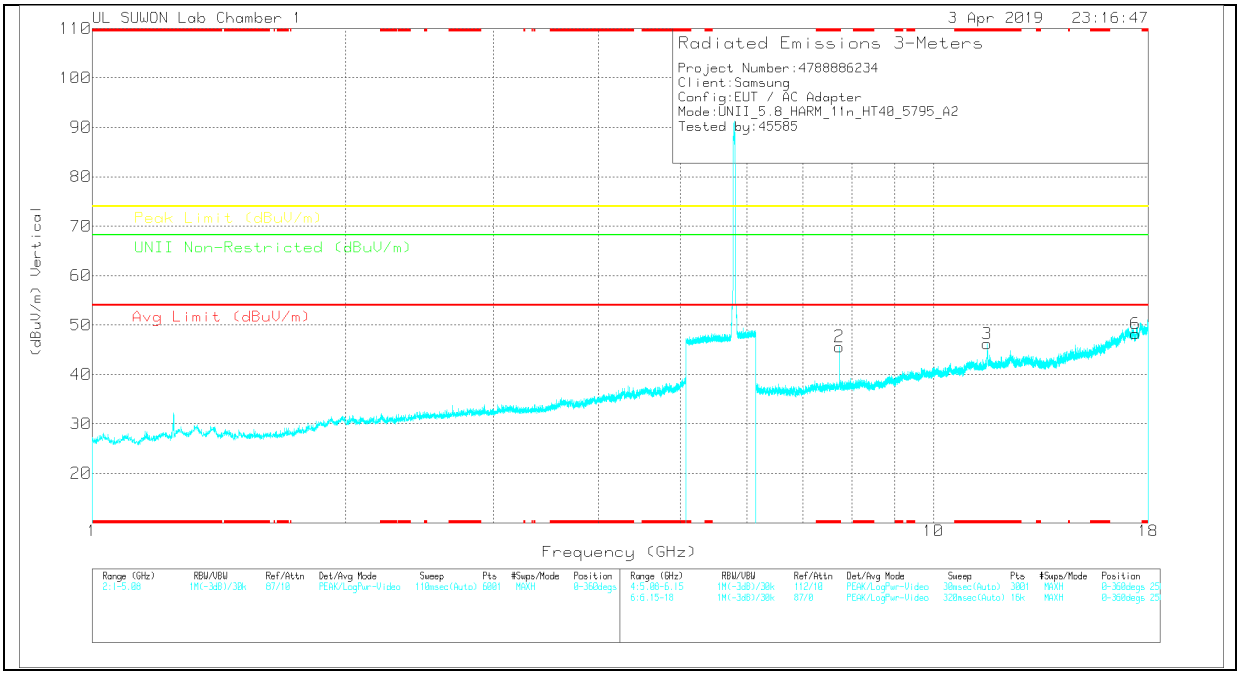
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.674	42.55	PK-U	35.9	-26.9	0	51.55	-	-	74	-22.45	-	-	100	136	H
* 7.673	35.93	ADR	35.9	-26.9	0	44.93	54	-9.07	-	-	-	-	100	136	H
* 7.673	42.63	PK-U	35.9	-26.9	0	51.63	-	-	74	-22.37	-	-	216	168	V
* 7.673	35.82	ADR	35.9	-26.9	0	44.82	54	-9.18	-	-	-	-	216	168	V
* 11.51	40.35	PK-U	38.5	-22.3	0	56.55	-	-	74	-17.45	-	-	183	133	V
* 11.51	30.21	ADR	38.5	-22.3	0	46.41	54	-7.59	-	-	-	-	183	133	V
* 11.51	42.44	PK-U	38.5	-22.3	0	58.64	-	-	74	-15.36	-	-	222	162	H
* 11.51	32.83	ADR	38.5	-22.3	0	49.03	54	-4.97	-	-	-	-	222	162	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 HORIZONTAL



HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.727	38.3	PK	35.9	-26.5	0	47.7	-	-	74	-26.3	-	-	0-360	150	H
4	* 11.59	30.44	PK	38.6	-22.4	0	46.64	-	-	74	-27.36	-	-	0-360	150	H
5	17.378	24.6	PK	41.2	-17.4	0	48.4	-	-	-	-	68.2	-19.8	0-360	250	H
2	* 7.727	36.23	PK	35.9	-26.5	0	45.63	-	-	74	-28.37	-	-	0-360	150	V
3	* 11.59	29.99	PK	38.6	-22.4	0	46.19	-	-	74	-27.81	-	-	0-360	150	V
6	17.383	24.25	PK	41.2	-17.2	0	48.25	-	-	-	-	68.2	-19.95	0-360	250	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

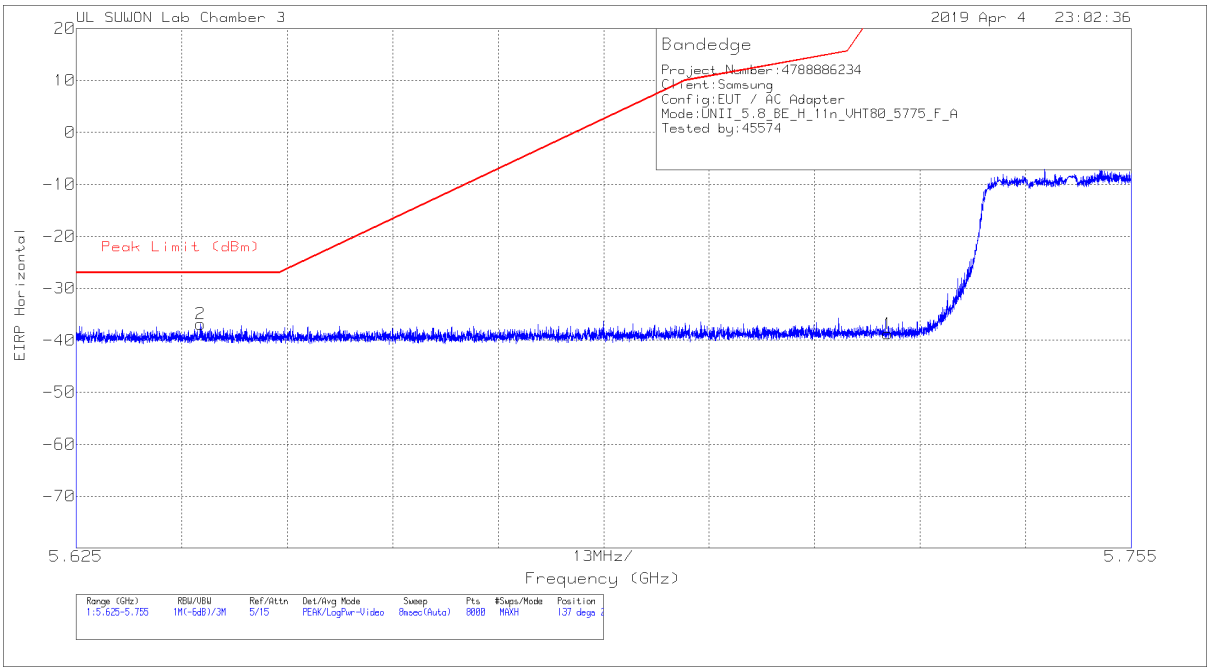
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.727	44.14	PK-U	35.9	-26.5	0	53.54	-	-	74	-20.46	-	-	98	159	H
* 7.727	37.74	ADR	35.9	-26.5	0	47.14	54	-6.86	-	-	-	-	98	159	H
* 7.726	44.34	PK-U	35.9	-26.5	0	53.74	-	-	74	-20.26	-	-	195	392	V
* 7.727	39.38	ADR	35.9	-26.5	0	48.78	54	-5.22	-	-	-	-	195	392	V
* 11.59	38.7	PK-U	38.6	-22.4	0	54.9	-	-	74	-19.1	-	-	194	145	V
* 11.59	28.2	ADR	38.6	-22.4	0	44.4	54	-9.6	-	-	-	-	194	145	V
* 11.59	40.25	PK-U	38.6	-22.4	0	56.45	-	-	74	-17.55	-	-	224	171	H
* 11.59	30.46	ADR	38.6	-22.4	0	46.66	54	-7.34	-	-	-	-	224	171	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

11.4.10. TX ABOVE 1GHz 802.11ac VHT80 2Tx CDD MODE IN THE 5.8GHz BAND BANDEDGE (Lower side)

HORIZONTAL PEAK PLOT

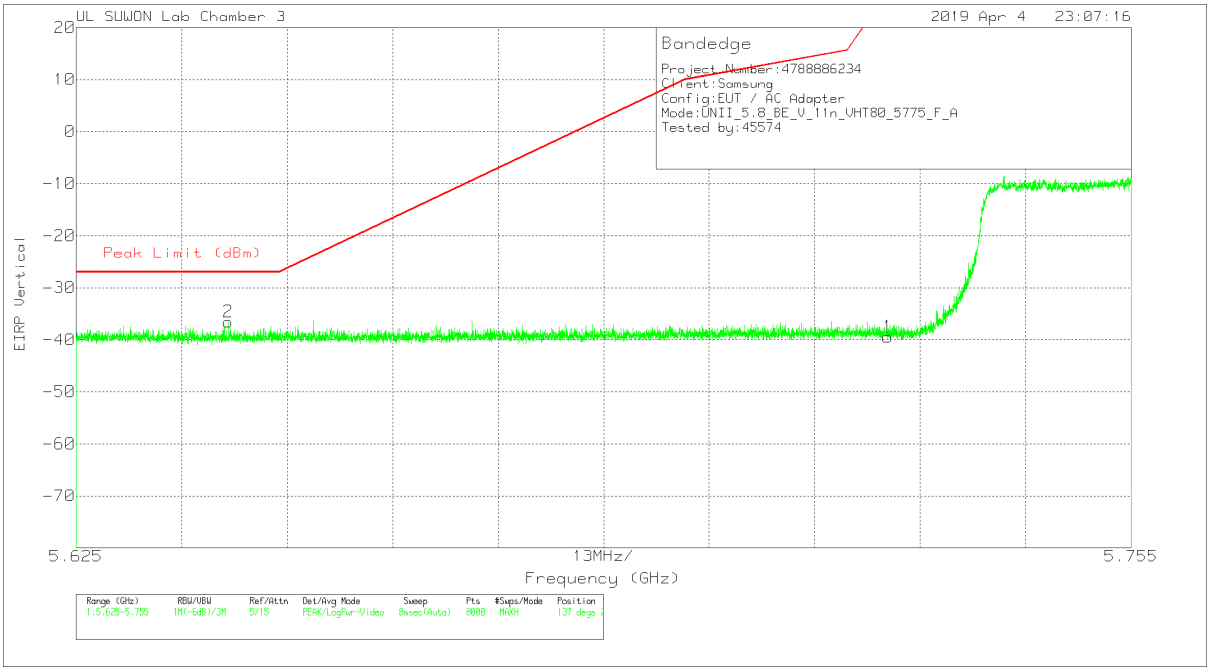


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_0020595 9	10dB[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-67.49	Pk	34.8	-17.9	11.8	-38.79	27	-65.79	137	212	H
2	5.64	-65.07	Pk	34.7	-18.3	11.8	-36.87	-27	-9.87	137	212	H

Pk - Peak detector

VERTICAL PEAK PLOT



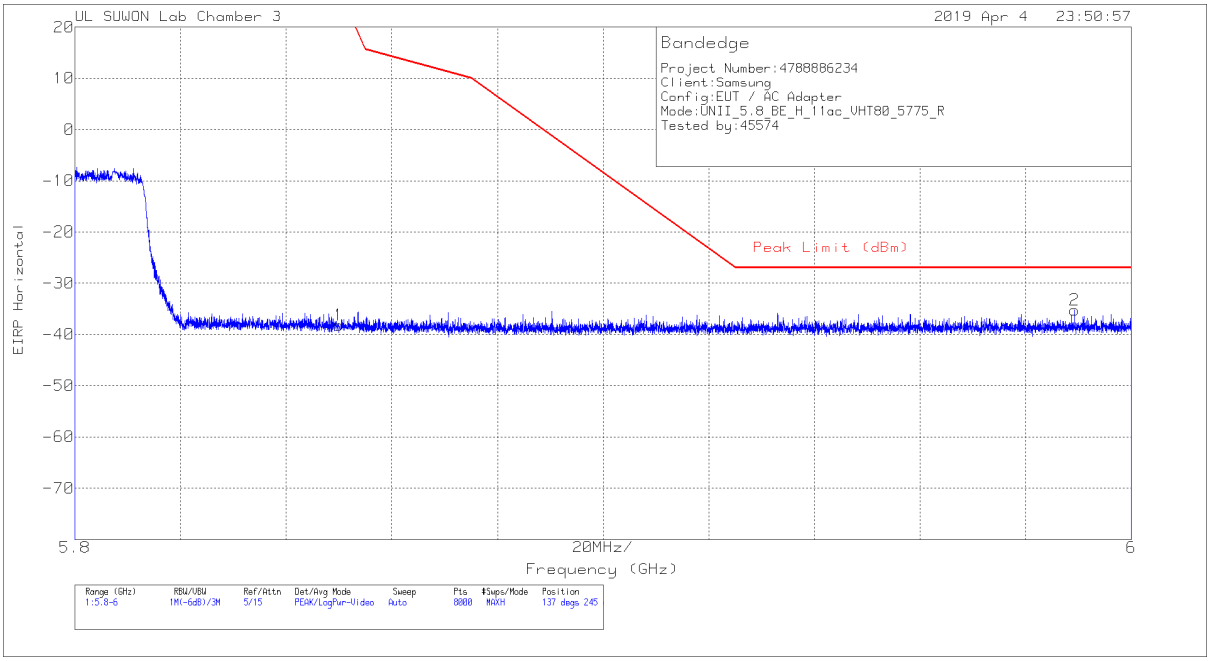
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_0020595 9	10dB[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-68.14	Pk	34.8	-17.9	11.8	-39.44	27	-66.44	137	235	V
2	5.644	-64.85	Pk	34.7	-18.2	11.8	-36.55	-27	-9.55	137	235	V

Pk - Peak detector

BANDEDGE (Upper side)

HORIZONTAL PEAK PLOT

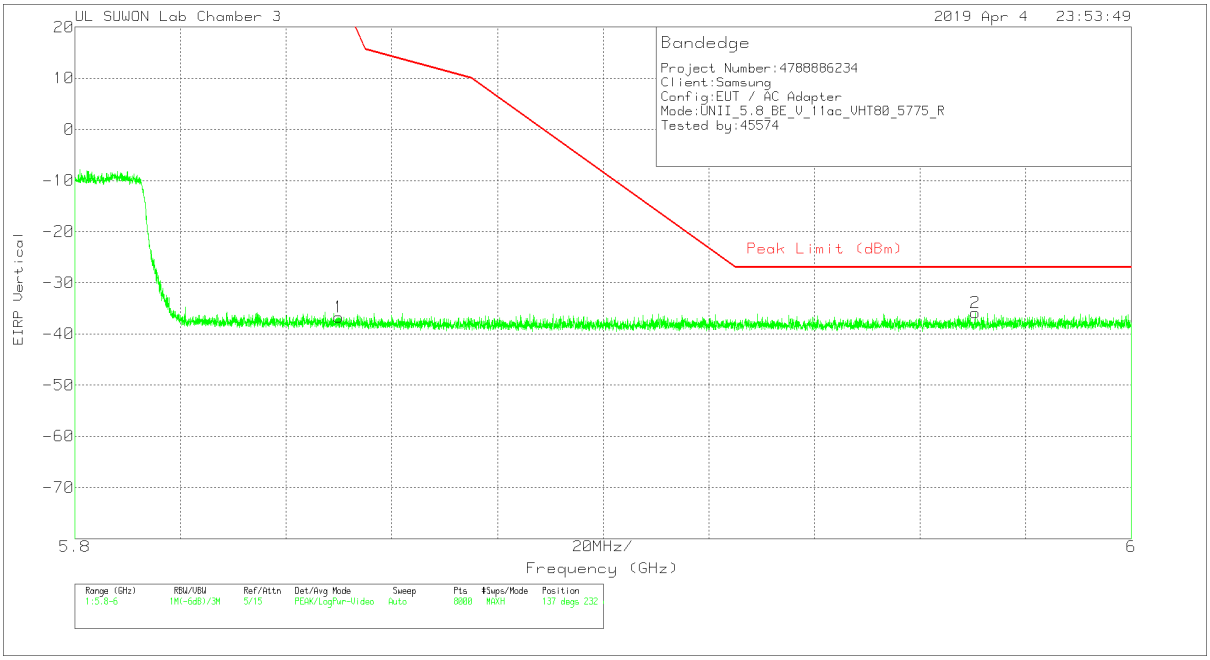


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_0020595 9	10dB[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.23	Pk	35	-17.7	11.8	-38.13	26.99	-65.12	137	245	H
2	5.989	-64.49	Pk	35.1	-17.6	11.8	-35.19	-27	-8.19	137	245	H

Pk - Peak detector

VERTICAL PEAK PLOT

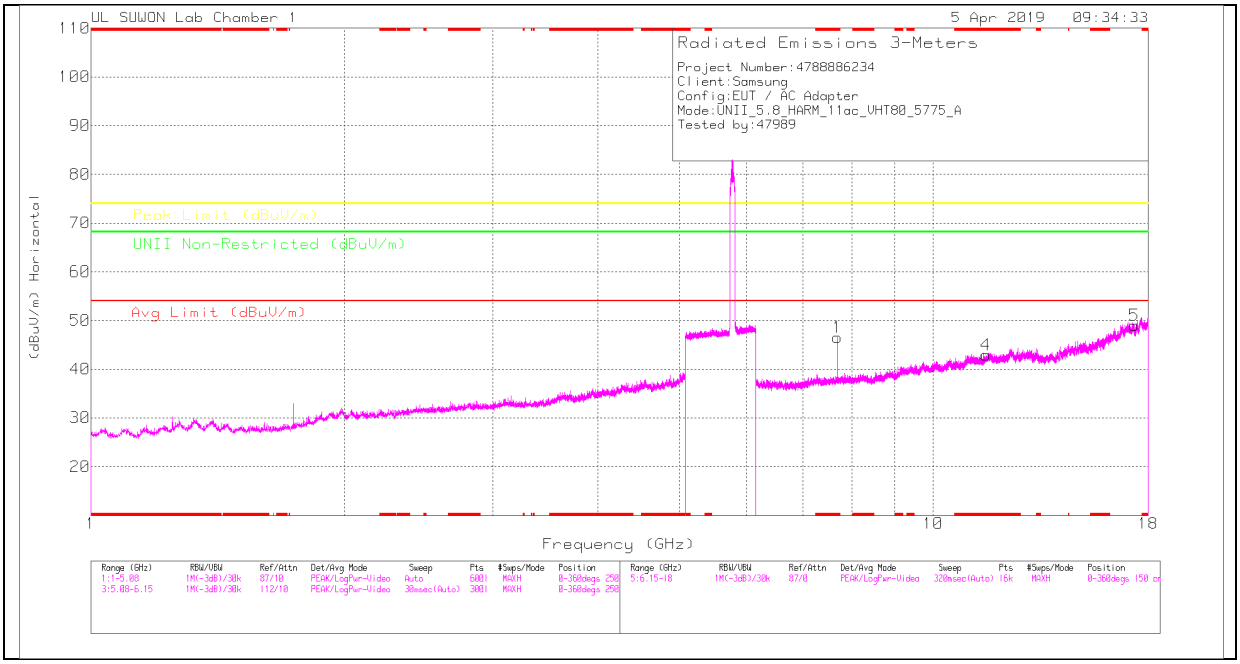


Trace Markers

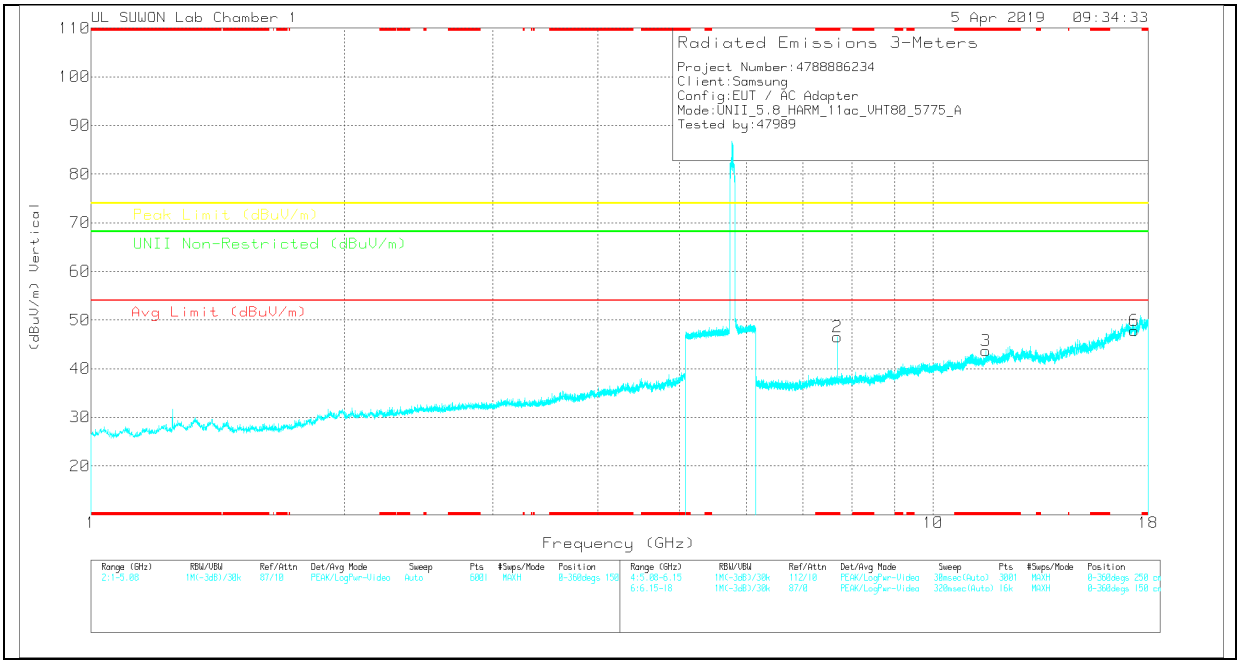
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_0020595 9	10dB[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-65.85	Pk	35	-17.7	11.8	-36.75	26.99	-63.74	137	232	V
2	5.97	-65	Pk	35.1	-17.7	11.8	-35.8	-27	-8.8	137	232	V

Pk - Peak detector

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.699	37.44	PK	35.9	-26.8	0	46.54	-	-	74	-27.46	-	-	0-360	150	H
4	* 11.55	26.88	PK	38.5	-22.5	0	42.88	-	-	74	-31.12	-	-	0-360	250	H
5	17.319	24.68	PK	41.3	-17	0	48.98	-	-	-	-	68.2	-19.22	0-360	250	H
2	* 7.699	37.47	PK	35.9	-26.8	0	46.57	-	-	74	-27.43	-	-	0-360	150	V
3	* 11.543	27.61	PK	38.5	-22.4	0	43.71	-	-	74	-30.29	-	-	0-360	150	V
6	17.324	23.67	PK	41.3	-17.1	0	47.87	-	-	-	-	68.2	-20.33	0-360	150	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

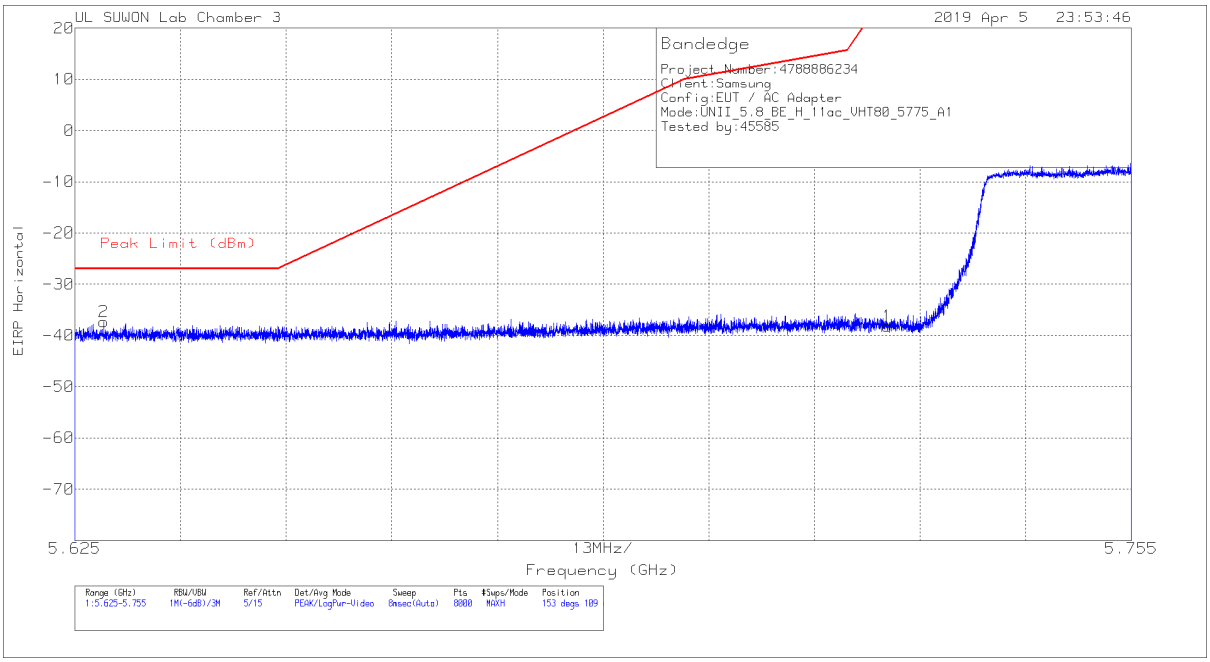
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.7	42.7	PK-U	35.9	-26.8	0	51.8	-	-	74	-22.2	-	-	112	152	H
* 7.7	36.95	ADR	35.9	-26.8	0	46.05	54	-7.95	-	-	-	-	112	152	H
* 7.7	42.8	PK-U	35.9	-26.8	0	51.9	-	-	74	-22.1	-	-	156	270	V
* 7.7	37.16	ADR	35.9	-26.8	0	46.26	54	-7.74	-	-	-	-	156	270	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

11.4.11. TX ABOVE 1GHz 802.11ac VHT80 1Tx ANT1 IN THE 5.8GHz BAND BANDEDGE (Lower side)

HORIZONTAL PEAK PLOT

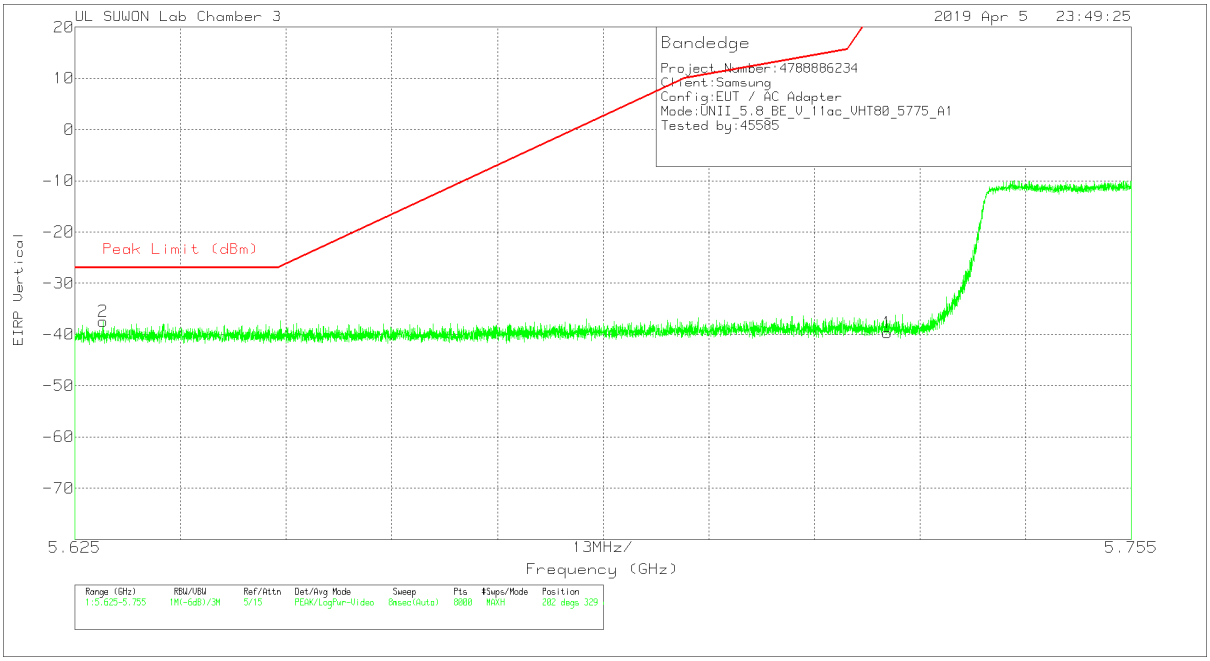


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_0020595 9	10dB[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-66.86	Pk	34.8	-17.9	11.8	-38.16	27	-65.16	153	109	H
2	5.629	-65.57	Pk	34.7	-18.3	11.8	-37.37	-27	-10.37	153	109	H

Pk - Peak detector

VERTICAL PEAK PLOT



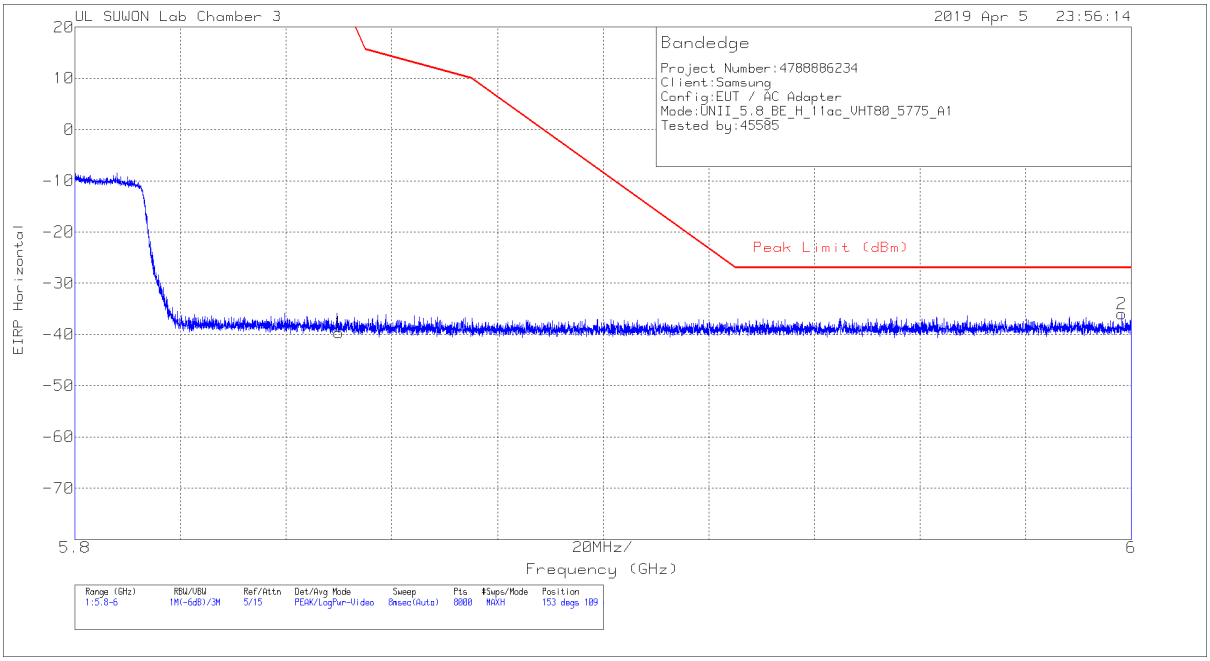
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-68.37	Pk	34.8	-17.9	11.8	0	-39.67	27	-66.67	202	329	V
2	5.628	-65.59	Pk	34.7	-18.3	11.8	0	-37.39	-27	-10.39	202	329	V

Pk - Peak detector

BANDEDGE (Upper side)

HORIZONTAL PEAK PLOT

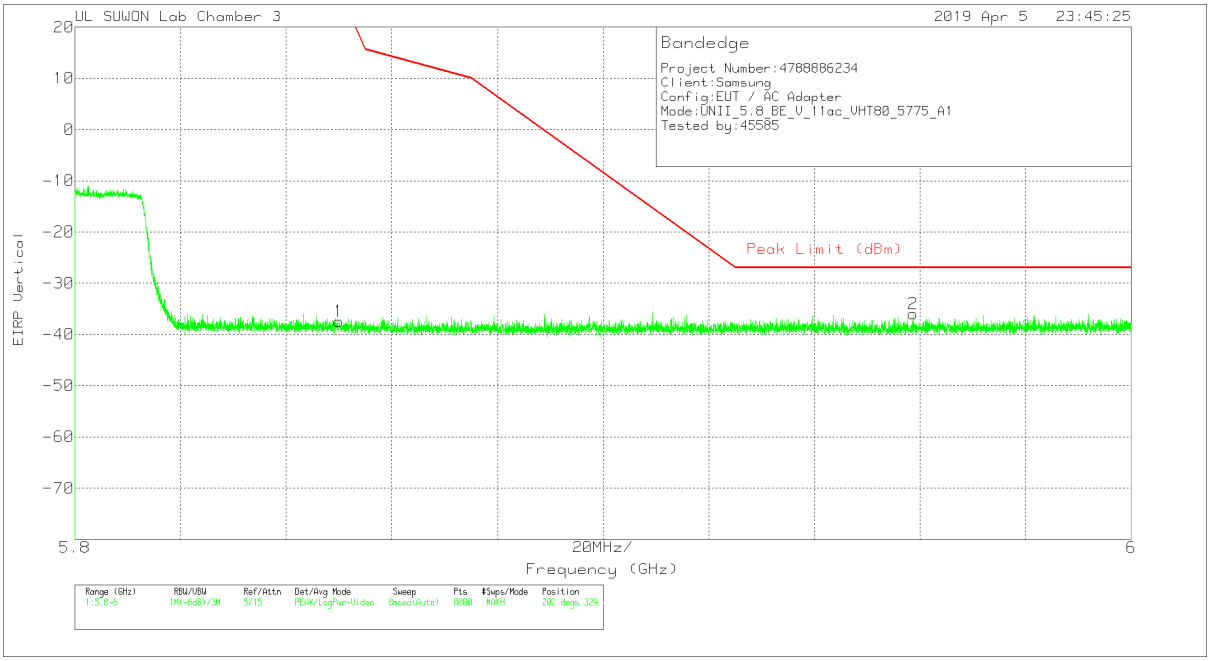


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.7	Pk	35	-17.7	11.8	0	-39.6	26.99	-66.59	153	109	H
2	5.998	-65.26	Pk	35.1	-17.6	11.8	0	-35.96	-27	-8.96	153	109	H

Pk - Peak detector

VERTICAL PEAK PLOT

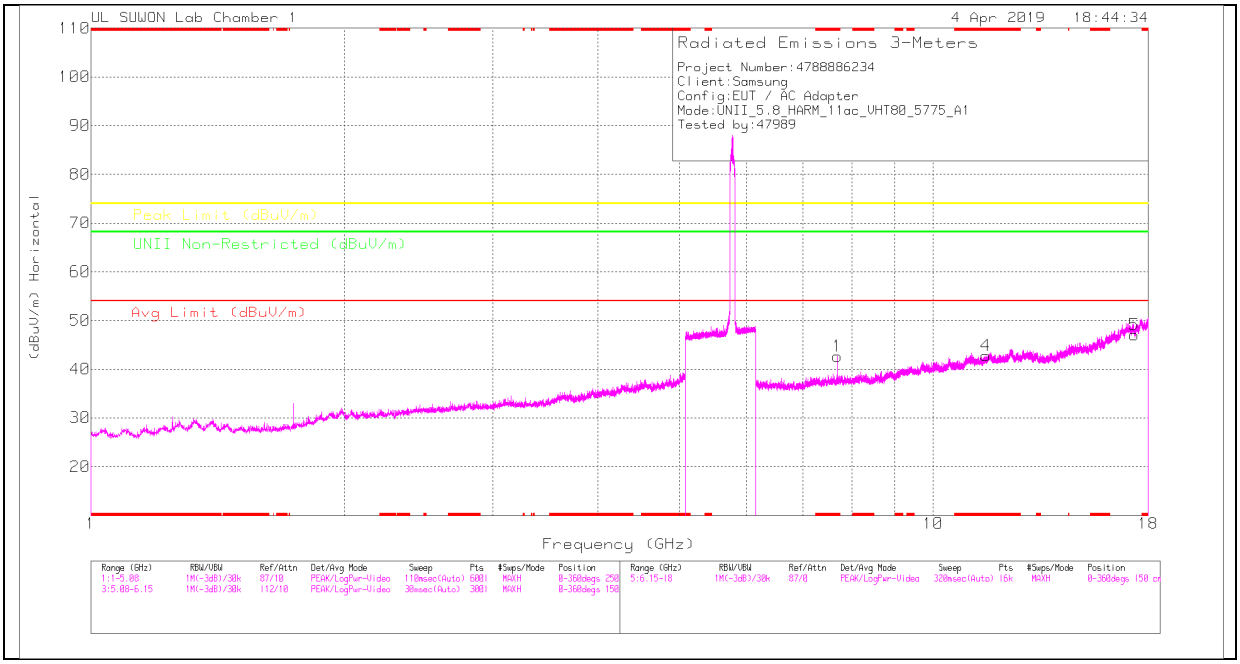


Trace Markers

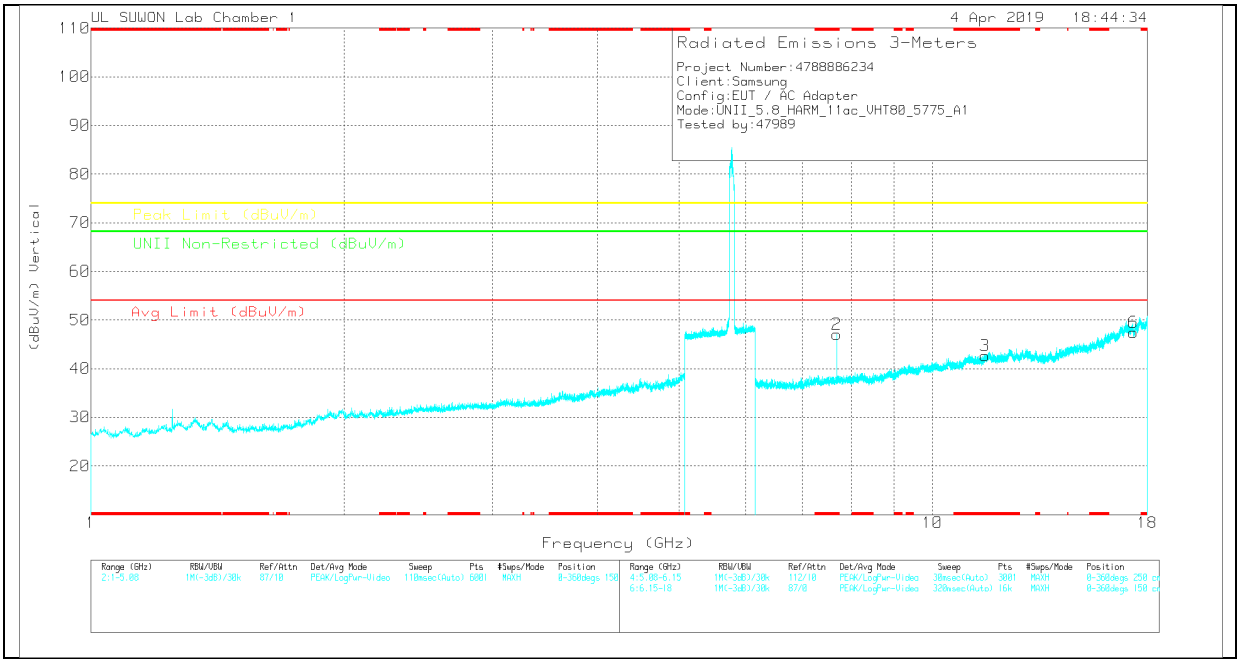
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-66.49	Pk	35	-17.7	11.8	0	-37.39	26.99	-64.38	202	329	V
2	5.959	-65.15	Pk	35.1	-17.7	11.8	0	-35.95	-27	-8.95	202	329	V

Pk - Peak detector

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.699	33.56	PK	35.9	-26.8	0	42.66	-	-	74	-31.34	-	-	0-360	150	H
4	* 11.553	26.71	PK	38.6	-22.5	0	42.81	-	-	74	-31.19	-	-	0-360	150	H
5	17.325	23.01	PK	41.2	-17.1	0	47.11	-	-	-	-	68.2	-21.09	0-360	250	H
2	* 7.7	37.92	PK	35.9	-26.8	0	47.02	-	-	74	-26.98	-	-	0-360	150	V
3	* 11.546	26.65	PK	38.5	-22.5	0	42.65	-	-	74	-31.35	-	-	0-360	250	V
6	17.325	23.32	PK	41.2	-17.1	0	47.42	-	-	-	-	68.2	-20.78	0-360	250	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

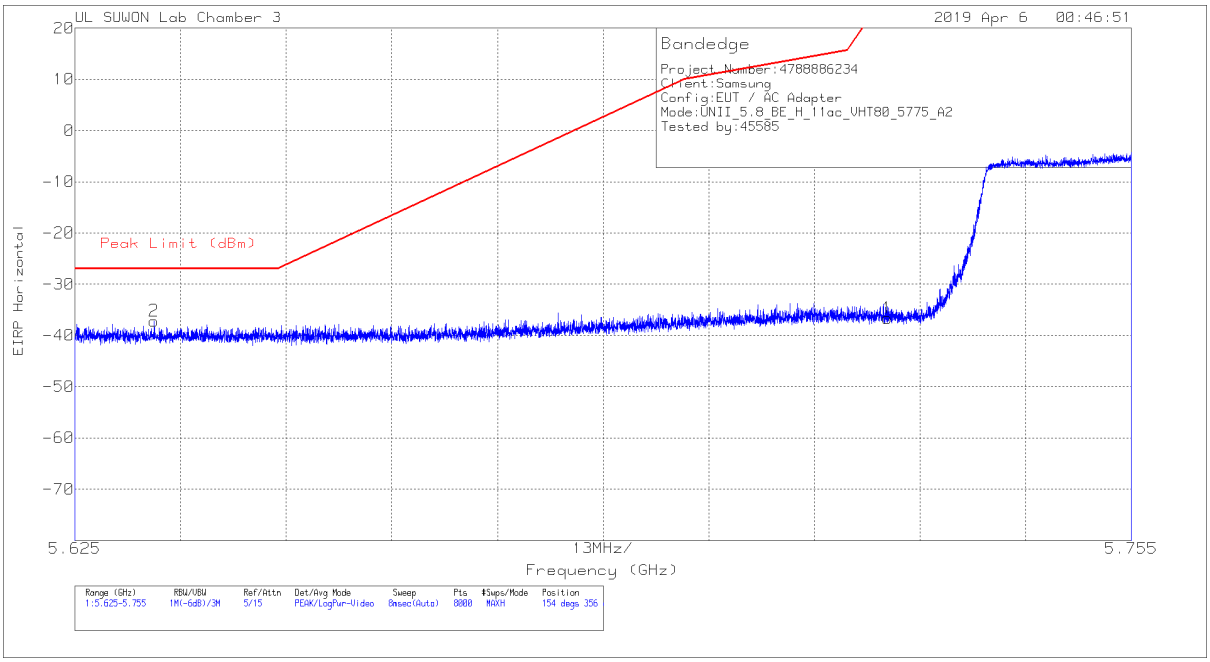
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.7	41.88	PK-U	35.9	-26.8	0	50.98	-	-	74	-23.02	-	-	79	351	H
* 7.7	34.59	ADR	35.9	-26.8	0	43.69	54	-10.31	-	-	-	-	79	351	H
* 7.7	43.68	PK-U	35.9	-26.8	0	52.78	-	-	74	-21.22	-	-	79	100	V
* 7.7	37.92	ADR	35.9	-26.8	0	47.02	54	-6.98	-	-	-	-	79	100	V

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

11.4.12. TX ABOVE 1GHz 802.11ac VHT80 1Tx ANT2 IN THE 5.8GHz BAND BANDEDGE (Lower side)

HORIZONTAL PEAK PLOT

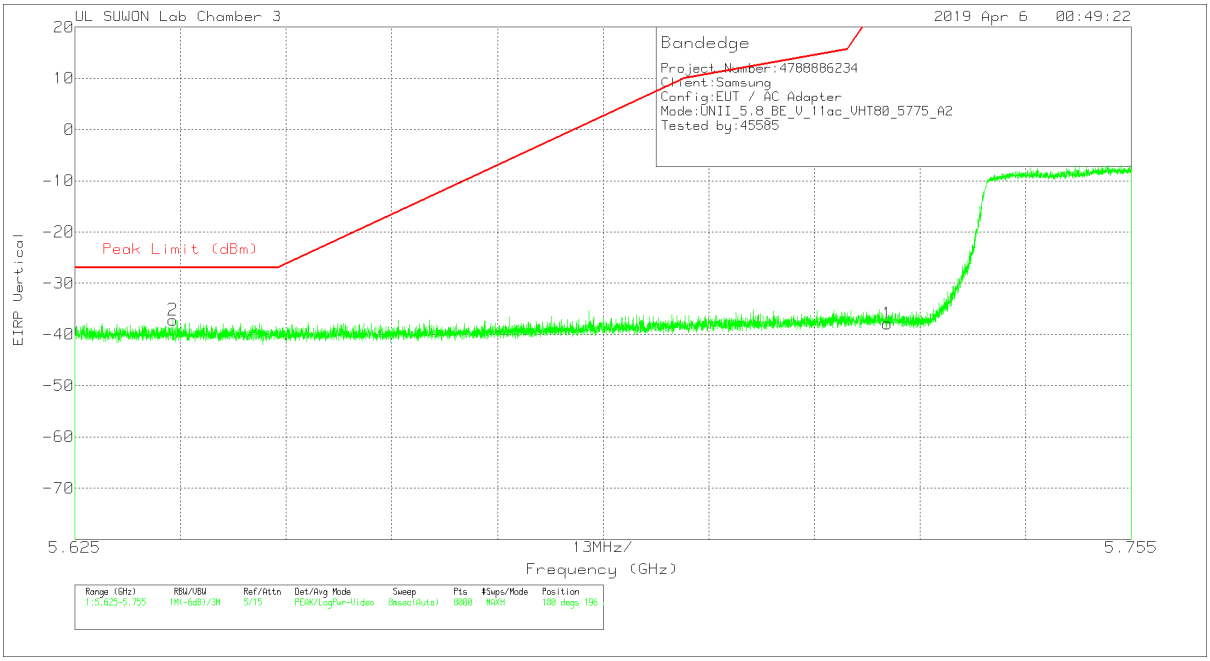


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-65.34	Pk	34.8	-17.9	11.8	0	-36.64	27	-63.64	154	356	H
2	5.635	-65.34	Pk	34.7	-18.3	11.8	0	-37.14	-27	-10.14	154	356	H

Pk - Peak detector

VERTICAL PEAK PLOT



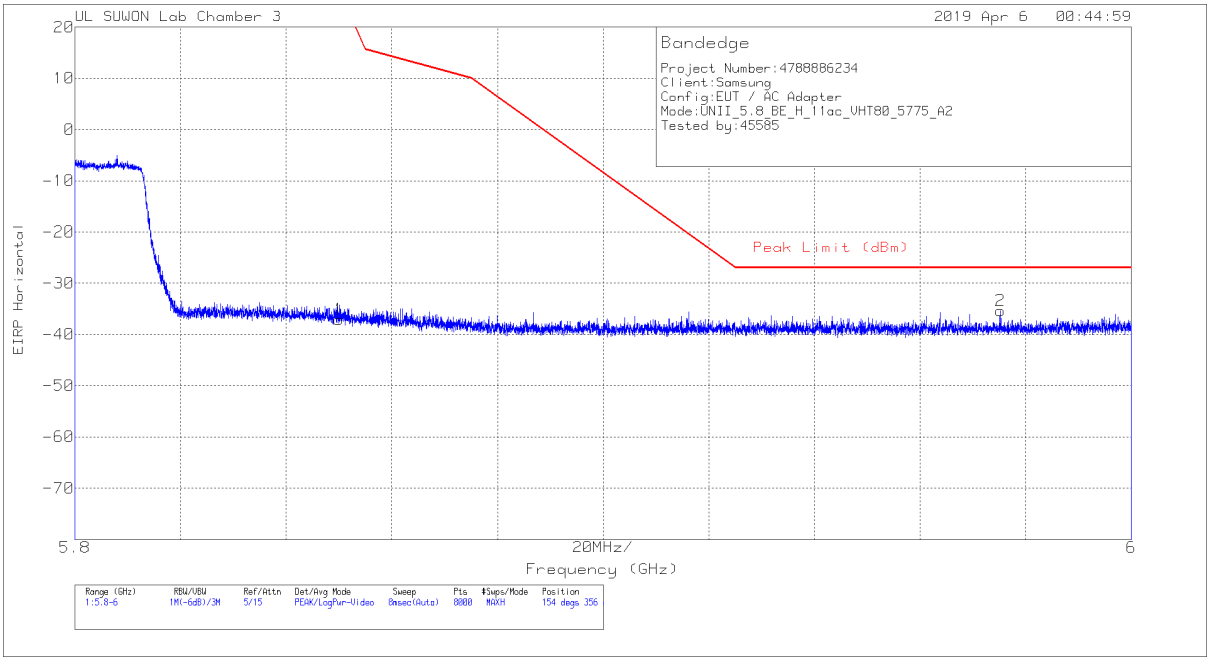
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-66.57	Pk	34.8	-17.9	11.8	0	-37.87	27	-64.87	180	196	V
2	5.637	-65.44	Pk	34.7	-18.2	11.8	0	-37.14	-27	-10.14	180	196	V

Pk - Peak detector

BANDEDGE (Upper side)

HORIZONTAL PEAK PLOT

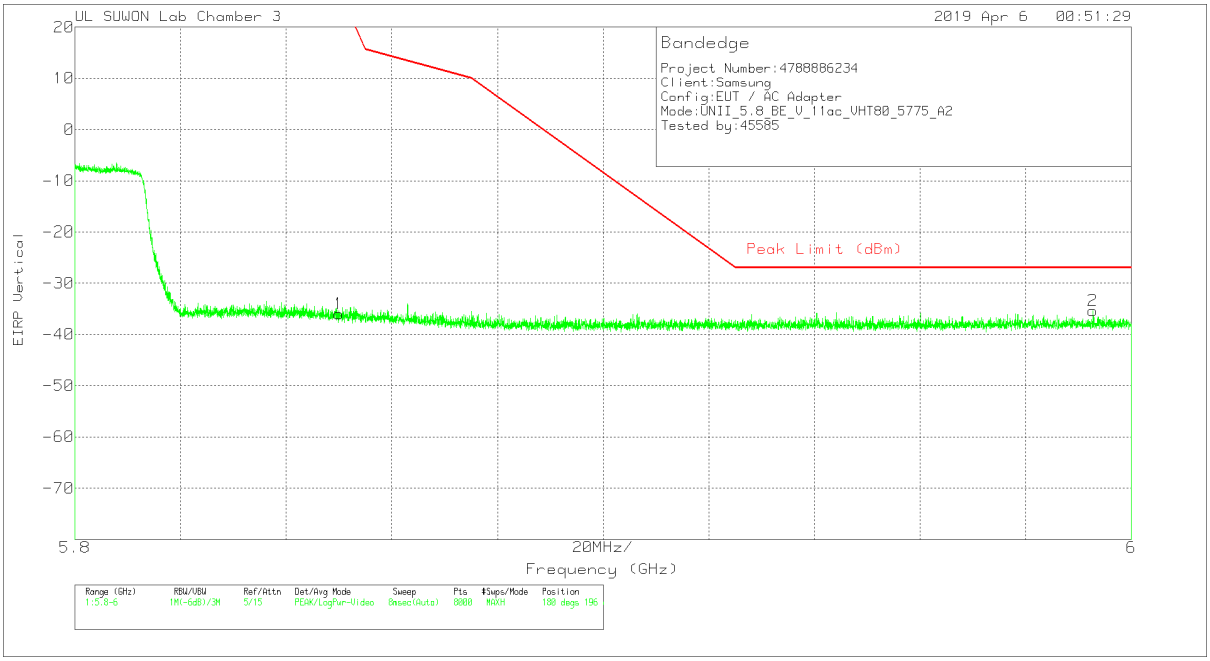


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-66.22	Pk	35	-17.7	11.8	0	-37.12	26.99	-64.11	154	356	H
2	5.975	-64.62	Pk	35.1	-17.6	11.8	0	-35.32	-27	-8.32	154	356	H

Pk - Peak detector

VERTICAL PEAK PLOT

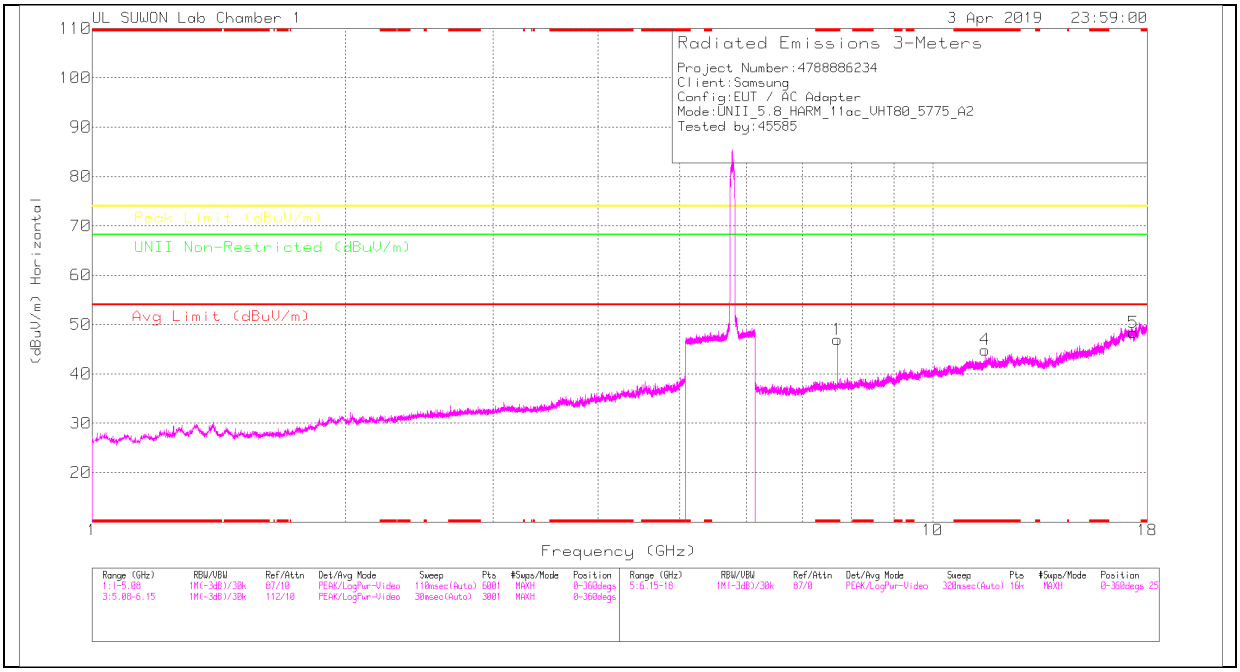


Trace Markers

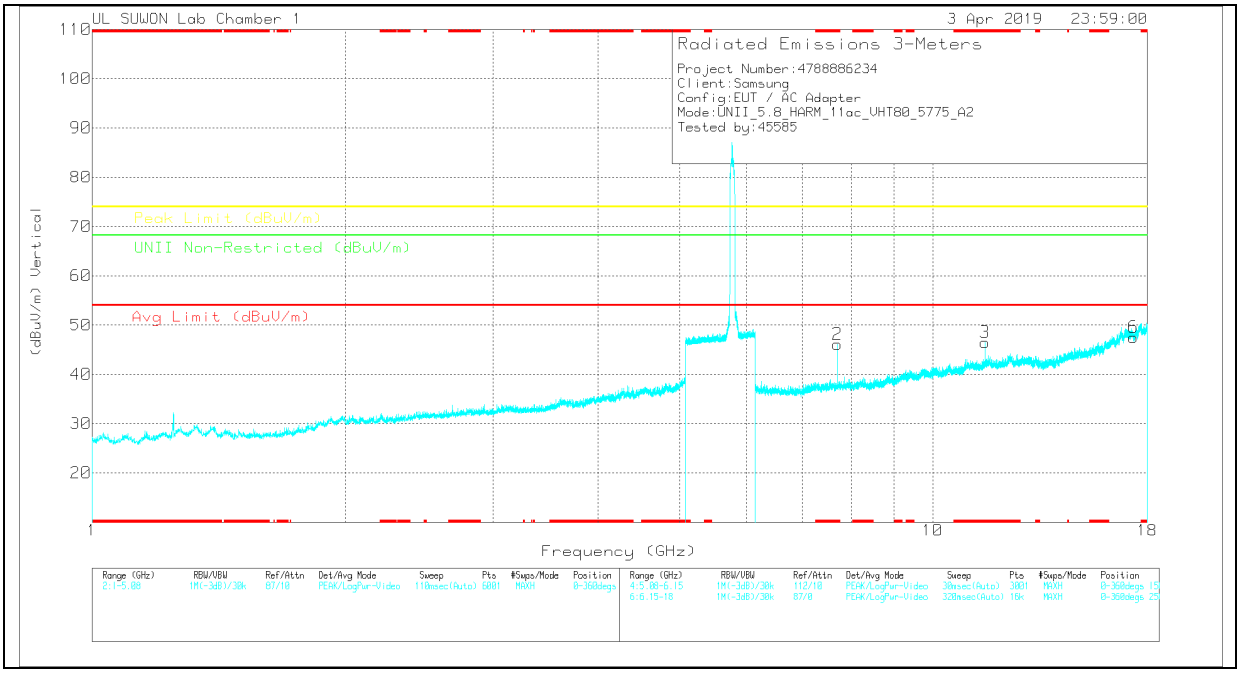
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-65.02	Pk	35	-17.7	11.8	0	-35.92	26.99	-62.91	180	196	V
2	5.993	-64.6	Pk	35.1	-17.7	11.8	0	-35.4	-27	-8.4	180	196	V

Pk - Peak detector

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.699	37.85	PK	35.9	-26.8	0	46.95	-	-	74	-27.05	-	-	0-360	150	H
4	* 11.55	28.88	PK	38.5	-22.5	0	44.88	-	-	74	-29.12	-	-	0-360	150	H
5	17.325	24.17	PK	41.3	-17.1	0	48.37	-	-	-	-	68.2	-19.83	0-360	150	H
2	* 7.699	37.01	PK	35.9	-26.8	0	46.11	-	-	74	-27.89	-	-	0-360	150	V
3	* 11.55	30.49	PK	38.5	-22.5	0	46.49	-	-	74	-27.51	-	-	0-360	150	V
6	17.325	23.34	PK	41.3	-17.1	0	47.54	-	-	-	-	68.2	-20.66	0-360	250	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.7	42.61	PK-U	35.9	-26.8	0	51.71	-	-	74	-22.29	-	-	103	119	H
* 7.7	36.32	ADR	35.9	-26.8	0	45.42	54	-8.58	-	-	-	-	103	119	H
* 7.7	43.18	PK-U	35.9	-26.8	0	52.28	-	-	74	-21.72	-	-	199	395	V
* 7.7	37.32	ADR	35.9	-26.8	0	46.42	54	-7.58	-	-	-	-	199	395	V
* 11.55	38.05	PK-U	38.5	-22.5	0	54.05	-	-	74	-19.95	-	-	191	144	V
* 11.55	28.07	ADR	38.5	-22.5	0	44.07	54	-9.93	-	-	-	-	191	144	V
* 11.55	39.37	PK-U	38.6	-22.5	0	55.47	-	-	74	-18.53	-	-	223	175	H
* 11.55	30.45	ADR	38.5	-22.5	0	46.45	54	-7.55	-	-	-	-	223	175	H

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

11.5. Spurious Emissions for Simultaneous Transmission

Simultaneous TX Condition

Frequency	Supported
2.4 GHz Antenna 1 + 5 GHz Antenna 2	Yes
2.4 GHz Antenna 2 + 5 GHz Antenna 1	No
2.4 GHz Antenna 1 + 5 GHz Antenna 1	No
2.4 GHz Antenna 2 + 5 GHz Antenna 2	No
2.4 GHz Antenna 1 + 5 GHz MIMO	No
2.4 GHz Antenna 2 + 5 GHz MIMO	No
2.4 GHz MIMO + 5 GHz Antenna 1	No
2.4 GHz MIMO + 5 GHz Antenna 2	No
2.4 GHz MIMO + 5 GHz MIMO	No
2.4 GHz Bluetooth Antenna 1 + 5 GHz Antenna 2	Yes

11.5.1. Worst test case condition

	ANTENNA 1 - 2.4GHz	ANTENNA 2 - 5GHz
Mode	802.11 b mode	802.11 n20 mode
Channel	6	100
Frequency	2437 MHz	5500 MHz
Data Rate	1 Mbps	MCS0

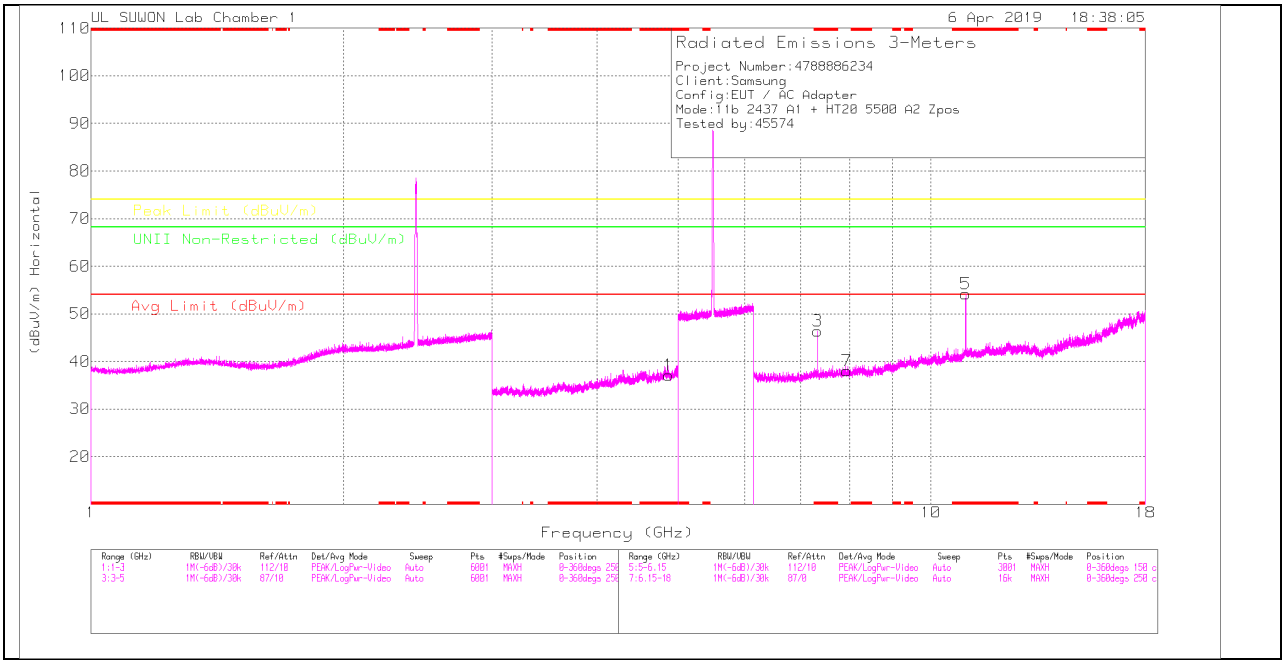
NOTE
Target power of 802.11a and 802.11n HT20 mode in each UNII band are different and therefore, the lowest margin condition among the channels and modes were selected for test. No significant emission detected and emission levels were lower than stand-alone condition.

	ANTENNA 1 - 2.4GHz	ANTENNA 2 - 5GHz
Mode	Bluetooth (GFSK)	802.11 n40 mode
Channel	0	100
Frequency	2402 MHz	5500 MHz
Data Rate	1Mbps	MCS 0

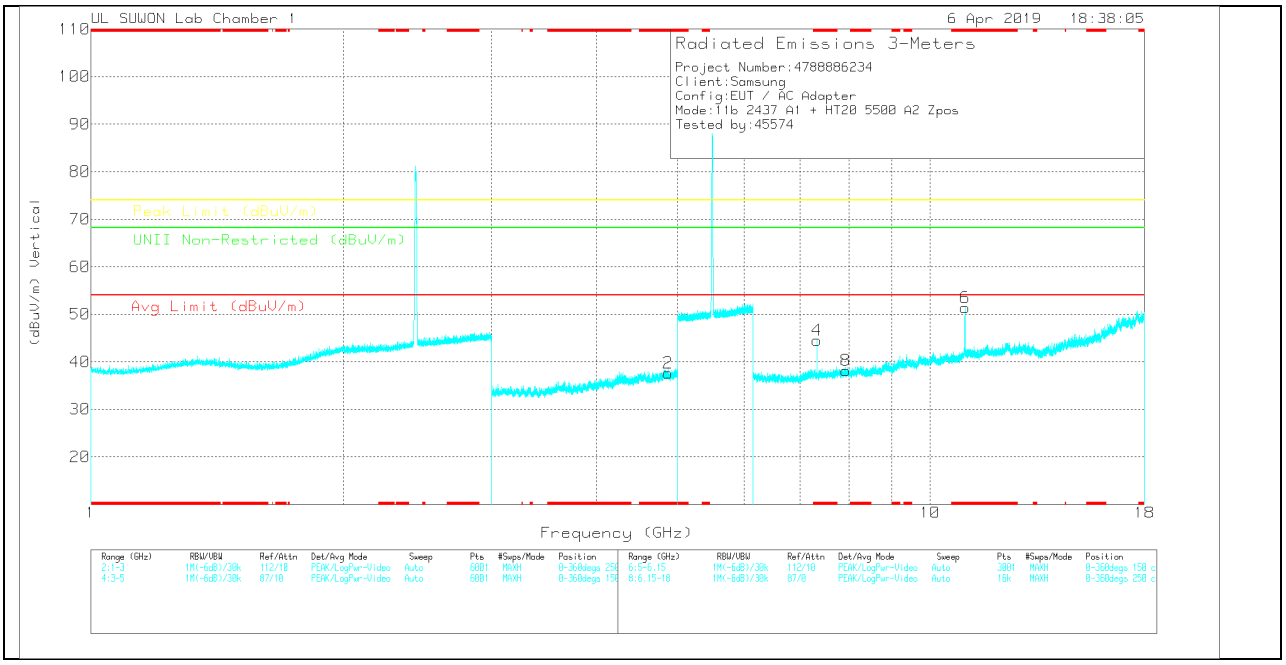
RESULTS

Spurious emission for Simultaneous Transmission

802.11b mode 6 CHANNEL + 802.11n HT20 mode 100 CHANNEL HORIZONTAL



802.11b mode 6 CHANNEL + 802.11n HT20 mode 100 CHANNEL VERTICAL



802.11b mode 6 CHANNEL + 802.11n HT20 mode 100 CHANNEL VERTICAL

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 7.333	37.72	PK	35.8	-27.2	0	46.32	-	-	74	-27.68	-	-	0-360	150	H
5	* 10.998	37.54	PK	38.2	-21.6	0	54.14	-	-	74	-19.86	-	-	0-360	250	H
7	7.941	28.2	PK	36	-26.2	0	38	-	-	-	-	68.2	-30.2	0-360	250	H
4	* 7.333	35.96	PK	35.8	-27.2	0	44.56	-	-	74	-29.44	-	-	0-360	150	V
6	* 11.001	34.8	PK	38.2	-21.6	0	51.4	-	-	74	-22.6	-	-	0-360	250	V
8	7.936	28.48	PK	36	-26.3	0	38.18	-	-	-	-	68.2	-30.02	0-360	150	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

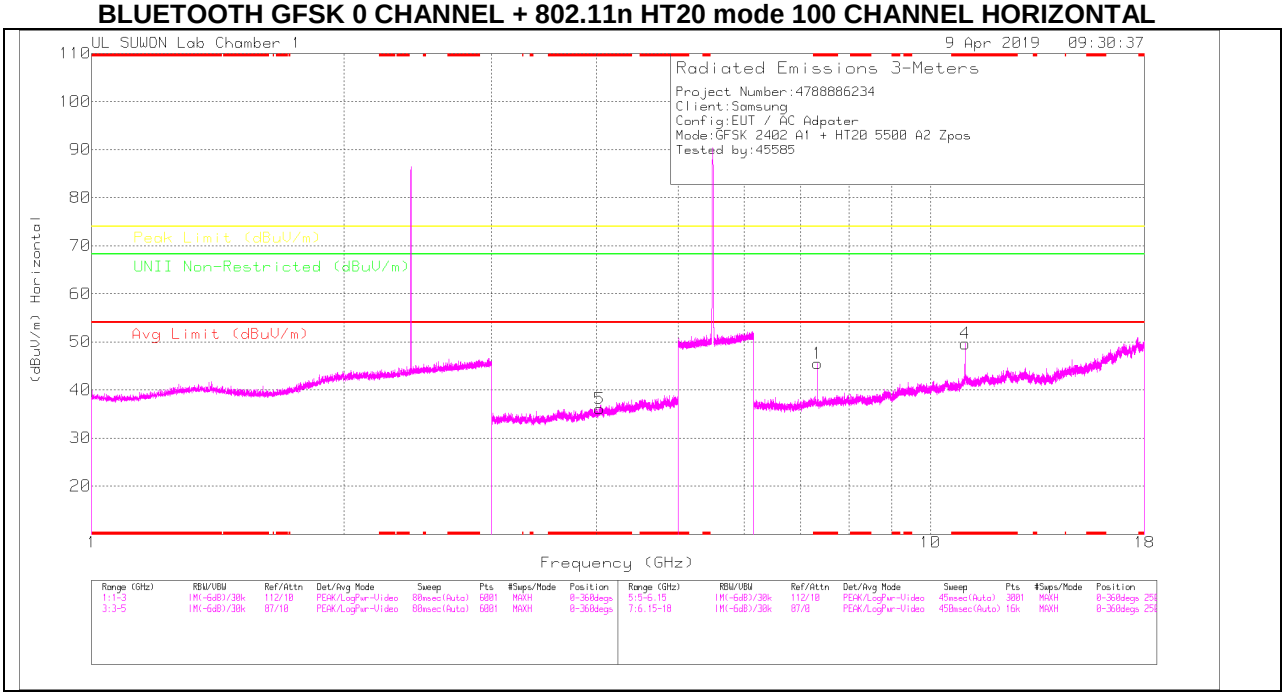
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.333	42.84	PK-U	35.8	-27.2	0	51.44	-	-	74	-22.56	-	-	214	145	H
* 7.333	37.69	ADR	35.8	-27.2	0	46.29	54	-7.71	-	-	-	-	214	145	H
* 7.333	42.75	PK-U	35.8	-27.2	0	51.35	-	-	74	-22.65	-	-	185	170	V
* 7.333	37.44	ADR	35.8	-27.2	0	46.04	54	-7.96	-	-	-	-	185	170	V
* 11	42.77	PK-U	38.2	-21.6	0	59.37	-	-	74	-14.63	-	-	214	249	H
* 11	33.37	ADR	38.2	-21.6	0	49.97	54	-4.03	-	-	-	-	214	249	H
* 11.001	40.22	PK-U	38.2	-21.6	0	56.82	-	-	74	-17.18	-	-	195	305	V
* 11	28.81	ADR	38.2	-21.6	0	45.41	54	-8.59	-	-	-	-	195	305	V

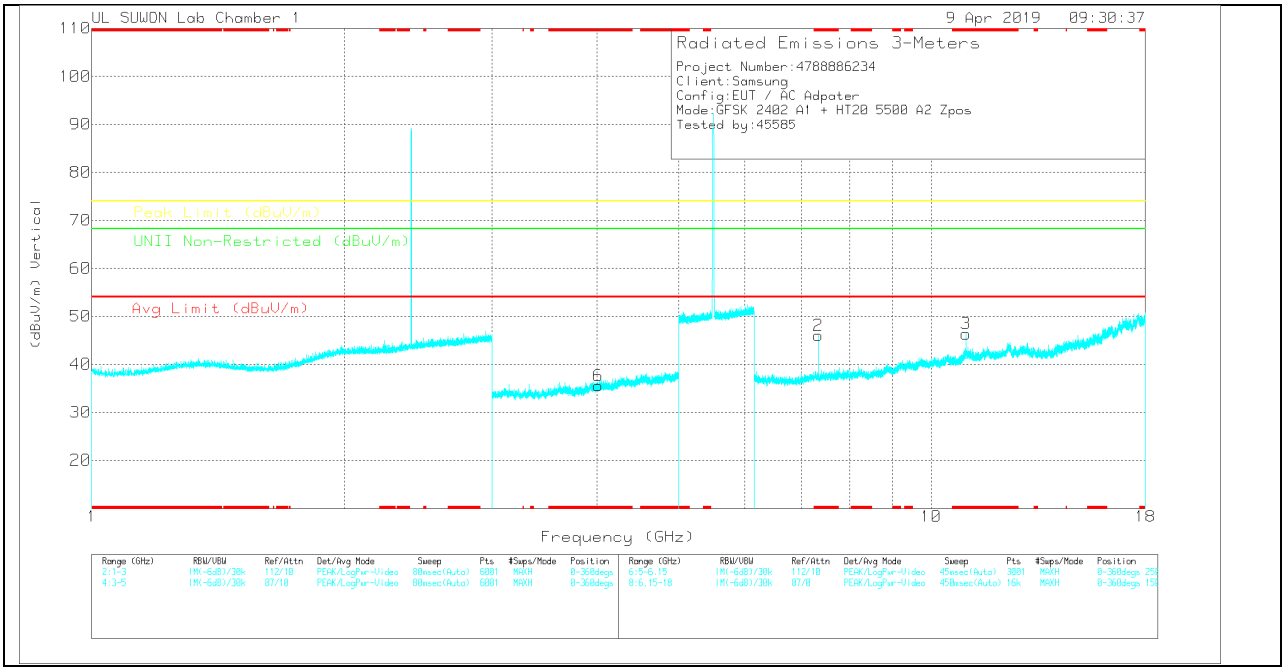
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

Spurious emission for Simultaneous Transmission

BLUETOOTH GFSK 0 CHANNEL + 802.11n HT20 mode 100 CHANNEL HORIZONTAL



BLUETOOTH GFSK 0 CHANNEL + 802.11n HT20 mode 100 CHANNEL VERTICAL



BLUETOOTH GFSK 0 CHANNEL + 802.11n HT20 mode 100 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	5GHz_LP[dB]	DTS_Notch	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 4.032	33.5	PK	33.6	-31.4	.4	0	36.1	-	-	74	-37.9	-	-	0-360	250	H
6	* 4.014	32.94	PK	33.6	-31.4	.4	0	35.54	-	-	74	-38.46	-	-	0-360	250	V

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.333	36.9	PK	35.8	-27.2	0	45.5	-	-	74	-28.5	-	-	0-360	150	H
4	* 11	33.03	PK	38.2	-21.6	0	49.63	-	-	74	-24.37	-	-	0-360	250	H
2	* 7.333	37.38	PK	35.8	-27.2	0	45.98	-	-	74	-28.02	-	-	0-360	150	V
3	* 11.002	29.76	PK	38.2	-21.6	0	46.36	-	-	74	-27.64	-	-	0-360	250	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

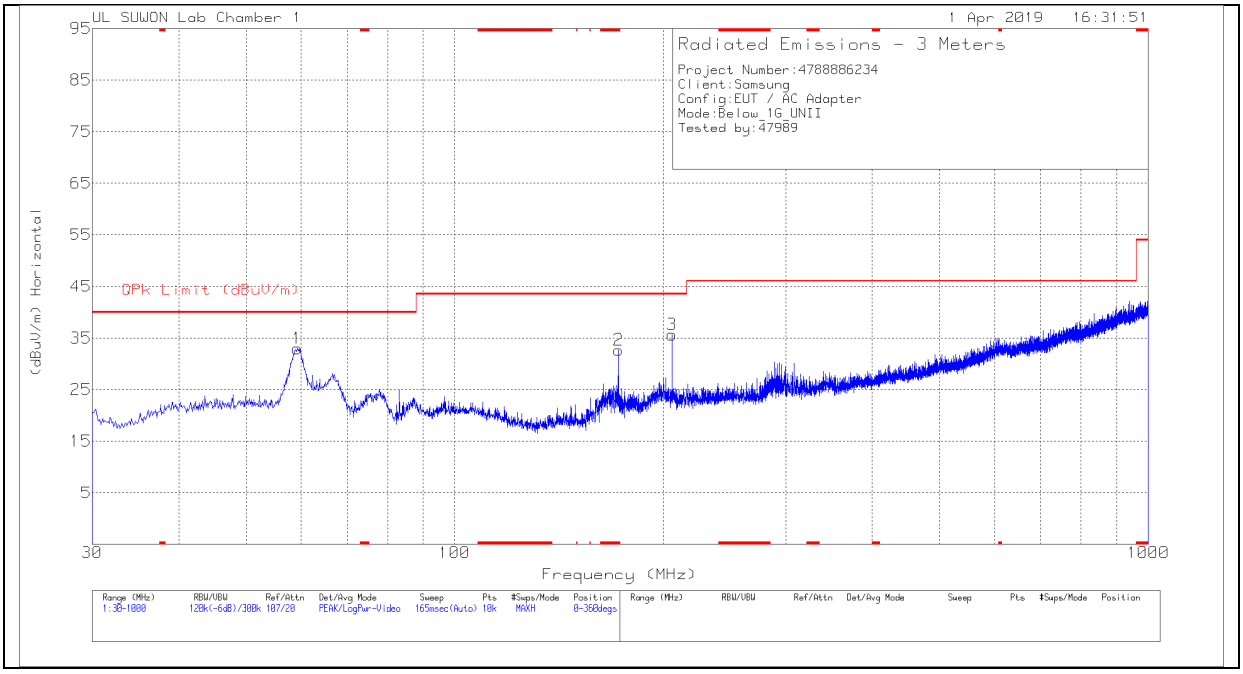
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.333	43.08	PK-U	35.8	-27.2	0	51.68	-	-	74	-22.32	-	-	245	179	H
* 7.333	38.07	ADR	35.8	-27.2	0	46.67	54	-7.33	-	-	-	-	245	179	H
* 7.333	43.02	PK-U	35.8	-27.2	0	51.62	-	-	74	-22.38	-	-	197	178	V
* 7.333	37.69	ADR	35.8	-27.2	0	46.29	54	-7.71	-	-	-	-	197	178	V
* 11	39.83	PK-U	38.2	-21.6	0	56.43	-	-	74	-17.57	-	-	208	282	V
* 11	28.81	ADR	38.2	-21.6	0	45.41	54	-8.59	-	-	-	-	208	282	V
* 11	41.91	PK-U	38.2	-21.6	0	58.51	-	-	74	-15.49	-	-	118	357	H
* 11	32.26	ADR	38.2	-21.6	0	48.86	54	-5.14	-	-	-	-	118	357	H

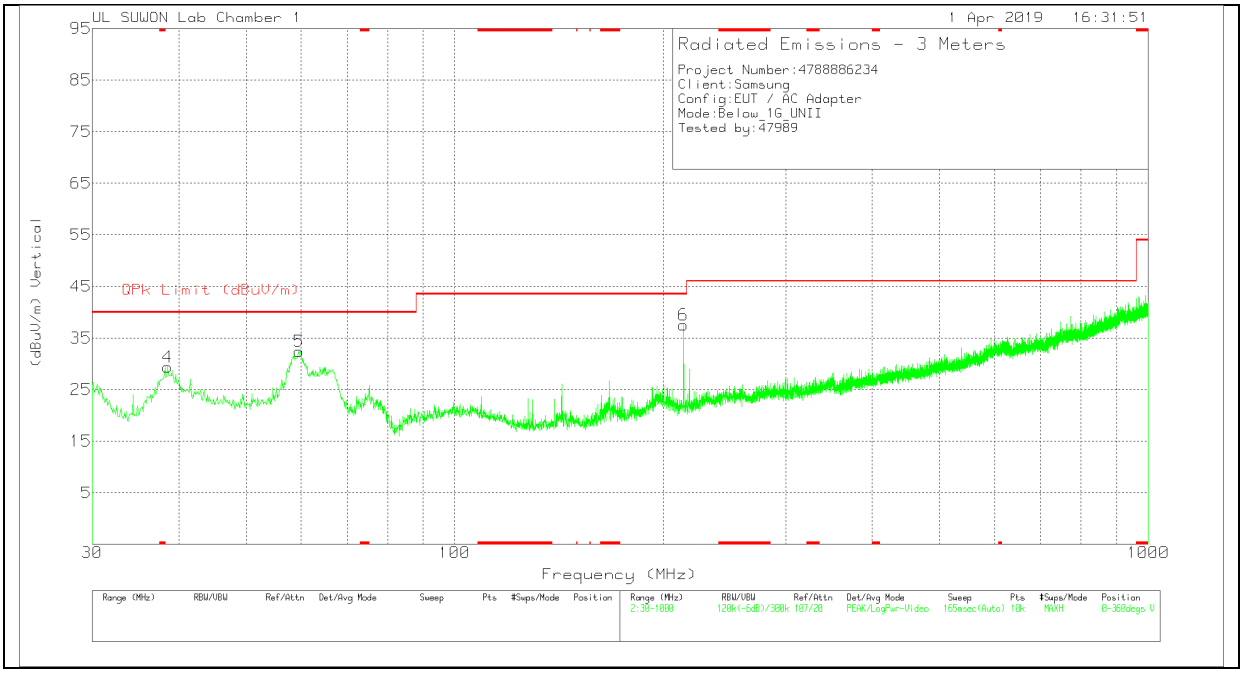
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

12. WORST-CASE BELOW 1 GHz

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



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



Below 1G Data

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_750	Below_1G[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	59.294	44.58	Pk	18.7	-30.3	0	32.98	40	-7.02	0-360	400	H
2	* 172.202	46.57	Pk	14.9	-28.8	0	32.67	43.52	-10.85	0-360	100	H
3	205.667	47.15	Pk	17	-28.5	0	35.65	43.52	-7.87	0-360	100	H
4	38.536	41.97	Pk	18.1	-30.7	0	29.37	40	-10.63	0-360	100	V
5	59.682	44.11	Pk	18.6	-30.3	0	32.41	40	-7.59	0-360	100	V
6	213.815	48.81	Pk	17.1	-28.4	0	37.51	43.52	-6.01	0-360	300	V

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

13. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)
IC RSS-GEN Clause 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.

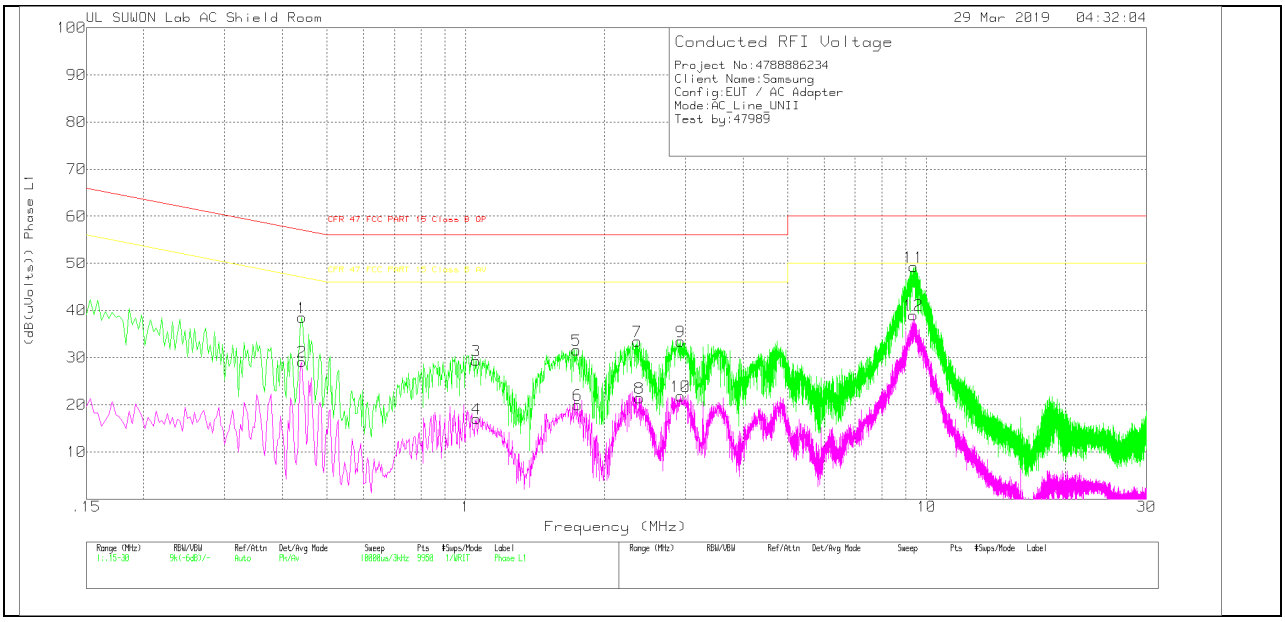
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

6 WORST EMISSIONS

LINE 1 PLOT



LINE 1 RESULTS

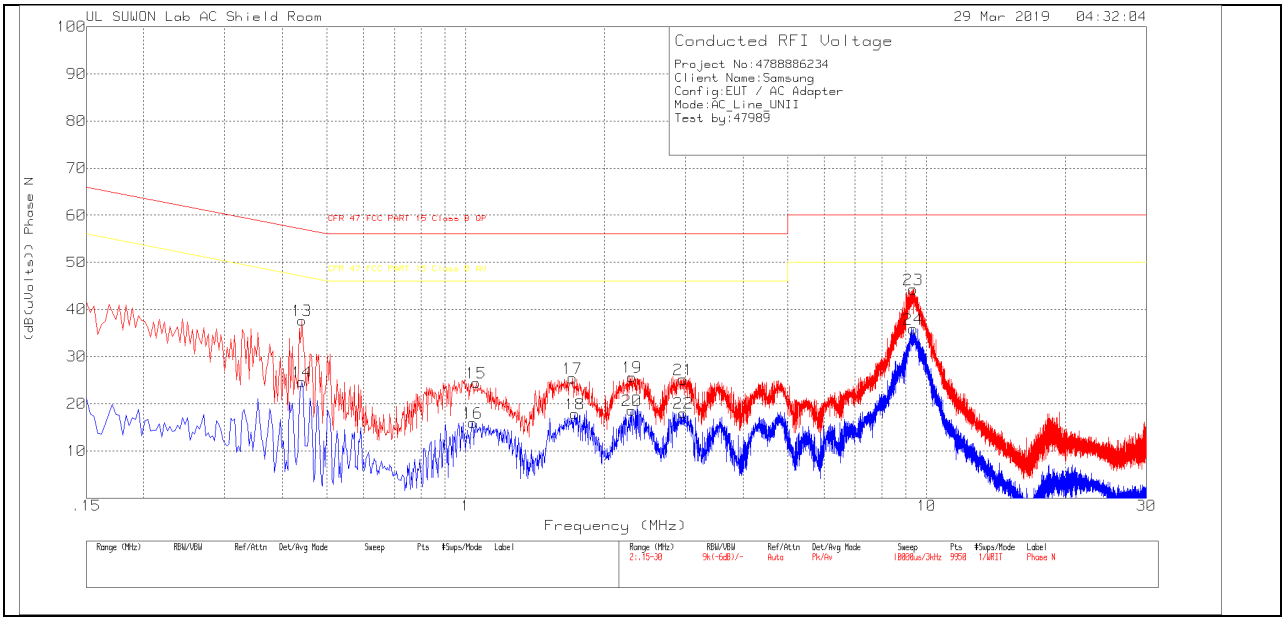
Trace Markers

Range 1: Phase L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	ENV216_10183 6_With ex-cord_L1	CABLELOSS(dB)	Corrected Reading (dB(uVolts))	CFR 47 FCC PART 15 Class B QP	Margin (dB)	CFR 47 FCC PART 15 Class B AV	Margin (dB)
1	.441	28.43	Pk	9.9	.2	38.53	57.04	-18.51	-	-
2	.441	19.03	Av	9.9	.2	29.13	-	-	47.04	-17.91
3	1.053	19.27	Pk	9.8	.3	29.37	56	-26.63	-	-
4	1.056	6.95	Av	9.8	.3	17.05	-	-	46	-28.95
5	1.74	21.5	Pk	9.8	.3	31.6	56	-24.4	-	-
6	1.749	9.87	Av	9.8	.3	19.97	-	-	46	-26.03
7	2.355	23.25	Pk	9.9	.3	33.45	56	-22.55	-	-
8	2.382	11.27	Av	9.9	.3	21.47	-	-	46	-24.53
9	2.925	23.19	Pk	10	.3	33.49	56	-22.51	-	-
10	2.925	11.56	Av	10	.3	21.86	-	-	46	-24.14
11	9.378	38.85	Pk	10	.4	49.25	60	-10.75	-	-
12	9.357	28.63	Av	10	.4	39.03	-	-	50	-10.97

Pk - Peak detector
Av - Average detection

LINE 2 PLOT



LINE 2 RESULTS

Trace Markers

Range 2: Phase N .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	ENV216_10183 6_With ex-cord_N	CABLELOSS(dB)	Corrected Reading (dB(uVolts))	CFR 47 FCC PART 15 Class B QP	Margin (dB)	CFR 47 FCC PART 15 Class B AV	Margin (dB)
13	.441	28.08	Pk	9.4	.2	37.68	57.04	-19.36	-	-
14	.441	15.04	Av	9.4	.2	24.64	-	-	47.04	-22.4
15	1.053	14.38	Pk	9.8	.3	24.48	56	-31.52	-	-
16	1.035	5.86	Av	9.8	.3	15.96	-	-	46	-30.04
17	1.704	15.46	Pk	9.7	.3	25.46	56	-30.54	-	-
18	1.725	7.89	Av	9.7	.3	17.89	-	-	46	-28.11
19	2.295	15.65	Pk	9.7	.3	25.65	56	-30.35	-	-
20	2.292	8.62	Av	9.7	.3	18.62	-	-	46	-27.38
21	2.964	15.19	Pk	9.7	.3	25.19	56	-30.81	-	-
22	2.964	8.04	Av	9.7	.3	18.04	-	-	46	-27.96
23	9.348	33.89	Pk	10	.4	44.29	60	-15.71	-	-
24	9.357	25.49	Av	10	.4	35.89	-	-	50	-14.11

Pk - Peak detector
Av - Average detection

14. DYNAMIC FREQUENCY SELECTION

14.1. OVERVIEW

14.1.1. LIMITS

FCC

§15.407 (h), FCC KDB 905462 D02 “COMPLIANCE MEASUREMENT PROCEDURES FOR UNLICENSED-NATIONAL INFORMATION INFRASTRUCTURE DEVICES OPERATING IN THE 5250-5350 MHz AND 5470-5725 MHz BANDS INCORPORATING DYNAMIC FREQUENCY SELECTION” and KDB 905462 D03 “U-NII CLIENT DEVICES WITHOUT RADAR DETECTION CAPABILITY”.

Table 1: Applicability of DFS requirements prior to use of a channel

Requirement	Operational Mode		
	Master	Client (without radar detection)	Client (with radar detection)
Non-Occupancy Period	Yes	Not required	Yes
DFS Detection Threshold	Yes	Not required	Yes
Channel Availability Check Time	Yes	Not required	Not required
U-NII Detection Bandwidth	Yes	Not required	Yes

Table 2: Applicability of DFS requirements during normal operation

Requirement	Operational Mode		
	Master	Client **(without DFS)**	Client **(with DFS)**
DFS Detection Threshold	Yes	Not required	Yes
Channel Closing Transmission Time	Yes	Yes	Yes
Channel Move Time	Yes	Yes	Yes
U-NII Detection Bandwidth	Yes	Not required	Yes

Additional requirements for devices with multiple bandwidth modes	Master Device or Client with Radar DFS	Client (without DFS)
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required
Note: Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in all 20 MHz channel blocks and a null frequency between the bonded 20 MHz channel blocks.		

Table 3: Interference Threshold values, Master or Client incorporating In-Service Monitoring

Maximum Transmit Power	Value (see notes)
E.I.R.P. ≥ 200 mill watt	-64 dBm
E.I.R.P. < 200 mill watt and power spectral density < 10 dBm/MHz	-62 dBm
E.I.R.P. < 200 mill watt that do not meet power spectral density requirement	-64 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna **Note 2:** Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. **Note 3:** E.I.R.P. is based on the highest antenna gain. For MIMO devices refer to KDB publication 662911 D01.	

Table 4: DFS Response requirement values

Parameter	Value
Non-occupancy period	30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds (See Note 1)
Channel Closing Transmission Time	200 milliseconds + approx. 60 milliseconds over remaining 10 second period. (See Notes 1 and 2)
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. (See Note 3)
Note 1: *Channel Move Time* and the *Channel Closing Transmission Time* should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. **Note 2:** The *Channel Closing Transmission Time* is comprised of 200 milliseconds starting at the beginning of the *Channel Move Time* plus any additional intermittent control signals required to facilitate a *Channel* move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. **Note 3:** During the *U-NII Detection Bandwidth* detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.	

Table 5 – Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (usec)	PRI (usec)	Pulses	Minimum Percentage of Successful Detection	Minimum Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in table 5a	Roundup: {(1/360) x (19 x 10^6 PRI_{usec})}	60%	30
		Test B: 15 unique PRI values randomly selected within the range of 518-3066 usec. With a minimum increment of 1 usec, excluding PRI values selected in Test A			
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120
Note 1: Short Pulse Radar Type 0 should be used for the *Detection Bandwidth* test, *Channel Move Time*, and *Channel Closing Time* tests.					

Table 6 – Long Pulse Radar Test Signal

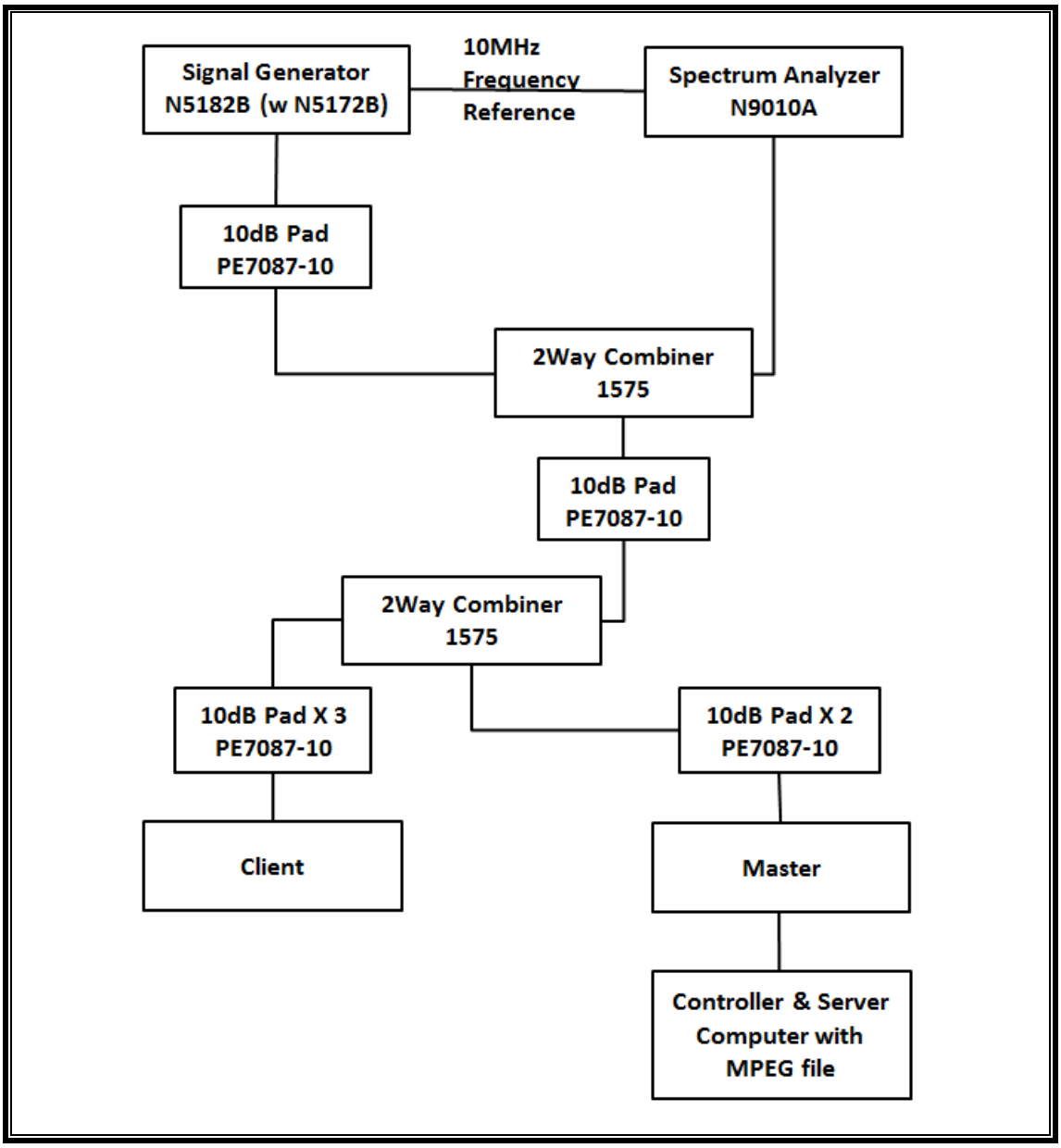
Radar Waveform Type	Pulse Width (µsec)	Chirp Width (MHz)	PRI (µsec)	Pulses per Burst	Number of Bursts	Minimum Percentage of Successful Detection	Minimum Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

Table 7 – Frequency Hopping Radar Test Signal

Radar Waveform Type	Pulse Width (µsec)	PRI (µsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Trials
6	1	333	9	0.333	300	70%	30

14.1.2. TEST AND MEASUREMENT SYSTEM

CONDUCTED METHOD SYSTEM BLOCK DIAGRAM



SYSTEM OVERVIEW

The short pulse and long pulse signal generating system utilizes the Keysite Signal Studio for Pulse Building as N5172B. The Vector Signal Generator has been validated by the NTIA. The hopping signal generating system utilizes the CCS simulated hopping method and system, which has been validated by the DoD, FCC and NTIA. The software selects waveform parameters from within the bounds of the signal type on a random basis using uniform distribution.

The short pulse types 1, 2, 3 and 4, and the long pulse type 5 parameters are randomized at run-time.

The hopping type 6 pulse parameters are fixed while the hopping sequence is based on the August 2005 NTIA Hopping Frequency List. The initial starting point randomized at run-time and each subsequent starting point is incremented by 475. Each frequency in the 100-length segment is compared to the boundaries of the EUT Detection Bandwidth and the software creates a hopping burst pattern in accordance with Section 7.4.1.3 Method #2 Simulated Frequency Hopping Radar Waveform Generating Subsystem of KDB 905462 D02. The frequency of the signal generator is incremented in 1 MHz steps from F_L to F_H for each successive trial. This incremental sequence is repeated as required to generate a minimum of 30 total trials and to maintain a uniform frequency distribution over the entire Detection Bandwidth.

The signal monitoring equipment consists of a spectrum analyzer. The aggregate ON time is calculated by multiplying the number of bins above a threshold during a particular observation period by the dwell time per bin, with the analyzer set to peak detection and max hold.

SYSTEM CALIBRATION

A 50-ohm load is connected in place of the spectrum analyzer, and the spectrum analyzer is connected to a horn antenna via a coaxial cable, with the reference level offset set to (horn antenna gain – coaxial cable loss). The signal generator is set to CW mode. The amplitude of the signal generator is adjusted to yield a level of –64 dBm as measured on the spectrum analyzer.

Without changing any of the instrument settings, the spectrum analyzer is reconnected to the Common port of the Spectrum Analyzer Combiner/Divider. The Reference Level Offset of the spectrum analyzer is adjusted so that the displayed amplitude of the signal is –64 dBm.

The spectrum analyzer displays the level of the signal generator as received at the antenna ports of the Master Device. The interference detection threshold may be varied from the calibrated value of –64 dBm and the spectrum analyzer will still indicate the level as received by the Master Device.

ADJUSTMENT OF DISPLAYED TRAFFIC LEVEL

A link is established between the Master and Slave and the distance between the units is adjusted as needed to provide a suitable received level at the Master and Slave devices. The video test file is streamed to generate WLAN traffic. The monitoring antenna is adjusted so that the WLAN traffic level, as displayed on the spectrum analyzer, is at lower amplitude than the radar detection threshold.

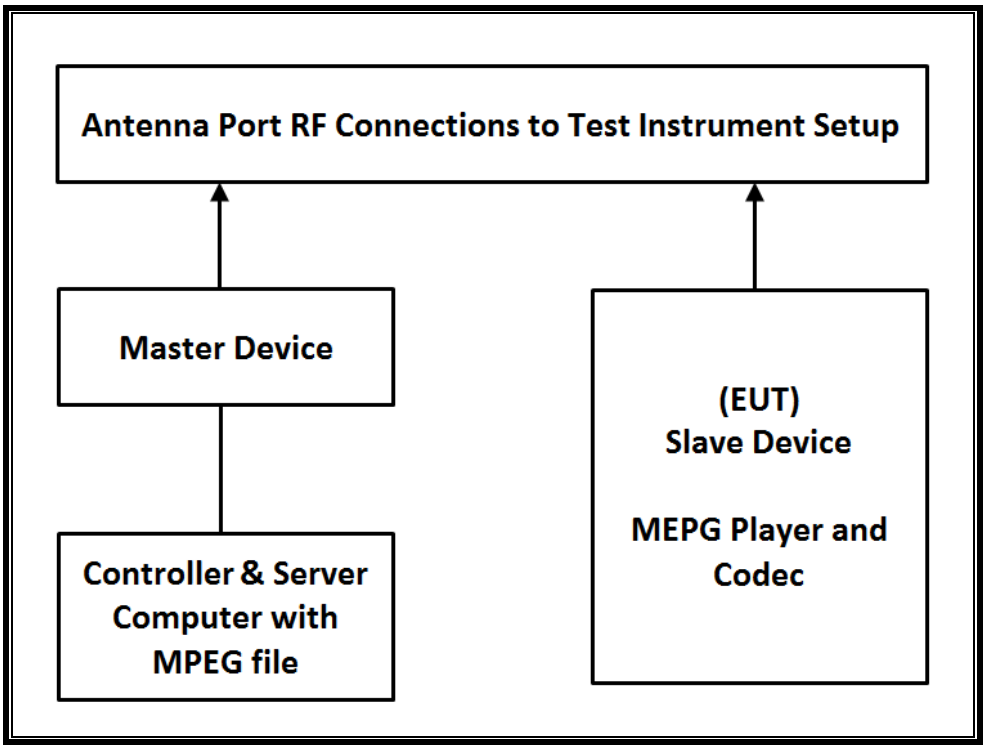
TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the DFS tests documented in this report:

TEST EQUIPMENT LIST				
Description	**Manufacturer**	**Model**	**S/N**	**Next Cal Due**
Spectrum Analyzer, 7 GHz	Agilent / HP	N9010A	MY54200580	08-07-19
Vector Signal Generator, 6GHz	Agilent / HP	N5182B	MY53051241	08-07-19

14.1.3. SETUP OF EUT

CONDUCTED METHOD EUT TEST SETUP



SUPPORT EQUIPMENT

The following support equipment was utilized for the DFS tests documented in this report:

PERIPHERAL SUPPORT EQUIPMENT LIST				
Description	**Manufacturer**	**Model**	**Serial Number**	**FCC ID**
Wireless Access Point	Cisco	AIR-CAP3702E-A-K9	FTX182276QX	LDK102087
Notebook PC (Controller/Server)	HP	HP EliteDesk 800 G1 TWR	CZC4125J25	DoC

14.1.4. DESCRIPTION OF EUT

The EUT operates over the 5250-5350 MHz and 5470-5725 MHz ranges.

The EUT is a Slave Device without Radar Detection.

The highest power level within these bands is 16.03 dBm in the 5250-5350 MHz band and 15.77 dBm in the 5470-5725 MHz band.

The antenna assembly utilized two antenna.
Gain of antenna 1 : -1.87 dBi for UNII 2A and -2.80 dBi for UNII 2C.
Gain of antenna 2 : -1.71 dBi for UNII 2A and -2.98 dBi for UNII 2C.

The rated output power of the Master unit is > 23dBm (EIRP). Therefore the required interference threshold level is –64 dBm. After correction for procedural adjustments, the required conducted threshold at the antenna port is –64 + 1 = -63 dBm.

The calibrated radiated DFS Detection Threshold level is set to –64 dBm. The tested level is lower than the required level hence it provides a margin to the limit.

The EUT uses one transmitter/receiver chain connected to an antenna to perform radiated tests.

WLAN traffic that meets or exceeds the minimum required loading was generated by transferring a data stream from the controller/server PC to the EUT using iPerf version 2.0.5 software package.

TPC is not required since the maximum EIRP is less than 500 mW (27 dBm).

The EUT utilizes the 802.11ac architecture. Three nominal channel bandwidths are implemented: 20 MHz, 40 MHz and 80 MHz.

The software installed in the access point is 12.4(25d)JA1.

UNIFORM CHANNEL SPREADING

This requirement is not applicable to Slave radio devices.

OVERVIEW OF MASTER DEVICE WITH RESPECT TO §15.407 (h) REQUIREMENTS

The Master Device is a Cisco Access Point, FCC ID: LDK102087. The minimum antenna gain for the Master Device is 6 dBi.

The rated output power of the Master unit is > 23dBm (EIRP). Therefore the required interference threshold level is –64 dBm. After correction for procedural adjustments, the required radiated threshold at the antenna port is –64 + 1 = -63 dBm.

The calibrated radiated DFS Detection Threshold level is set to –64 dBm. The tested level is lower than the required level hence it provides a margin to the limit.

14.2. RESULTS FOR 20 MHz BANDWIDTH

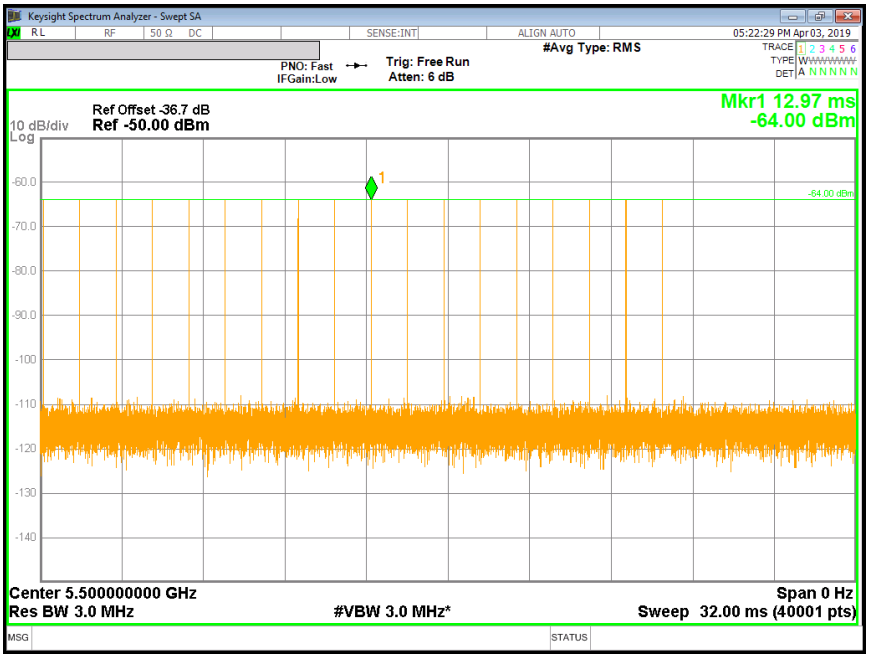
14.2.1. TEST CHANNEL

All tests were performed at a channel center frequency of 5500 MHz.

14.2.2. RADAR WAVEFORM AND TRAFFIC

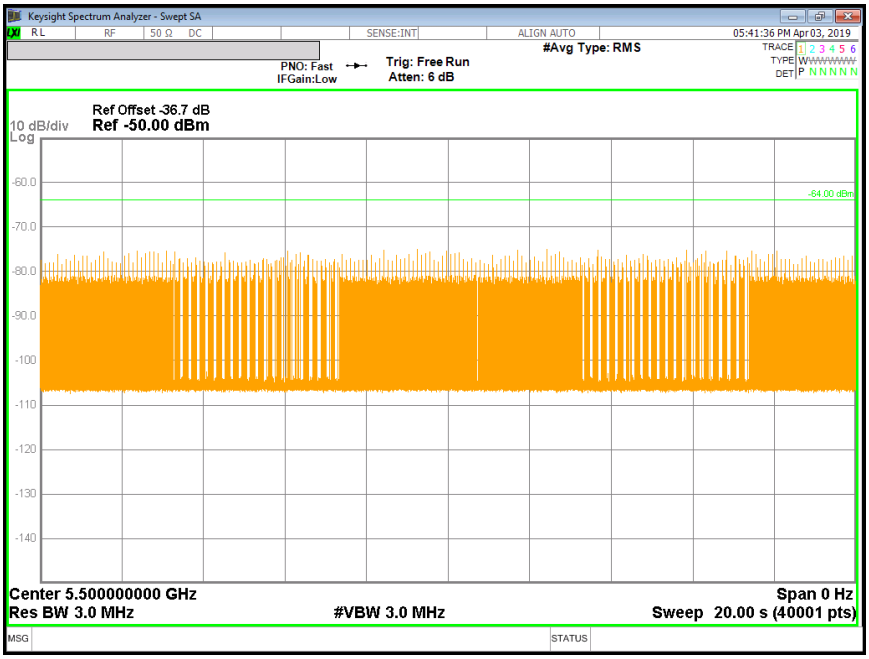
RADAR WAVEFORM

SHORT PULSE RADAR TYPE 0 AT MASTER



TRAFFIC

SLAVE TRAFFIC



14.2.3. OVERLAPPING CHANNEL TESTS

RESULTS

These tests are not applicable.

14.2.4. MOVE AND CLOSING TIME

REPORTING NOTES

The reference marker is set at the end of last radar pulse.

The delta marker is set at the end of the last WLAN transmission following the radar pulse. This delta is the channel move time.

The aggregate channel closing transmission time is calculated as follows:

Aggregate Transmission Time =
(Number of analyzer bins showing transmission) * (dwell time per bin)

The observation period over which the aggregate time is calculated begins at (Reference Marker + 200 msec) and ends no earlier than (Reference Marker + 10 sec).

RESULTS

Channel Move Time (sec)	Limit (sec)
0.711	10

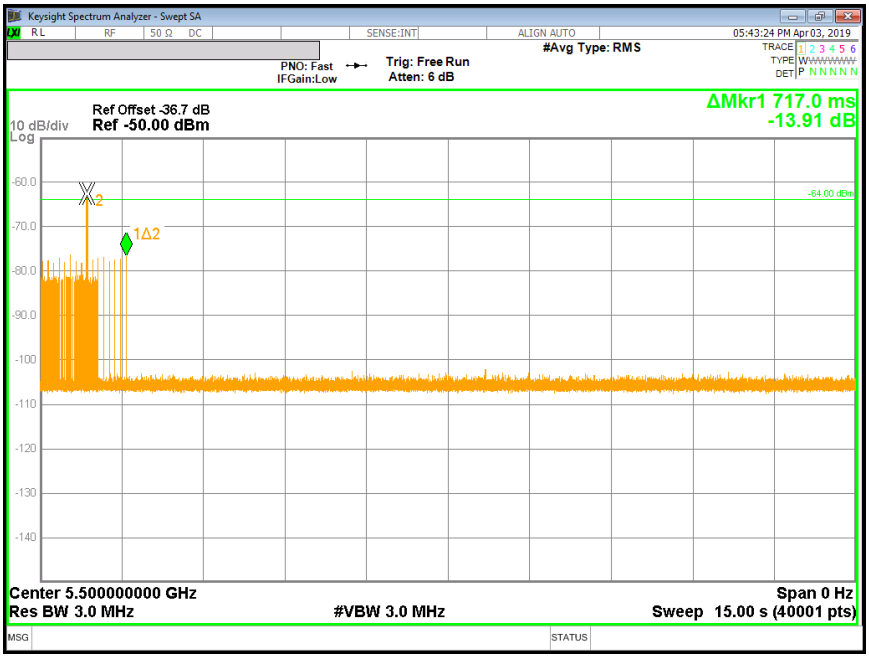
Aggregate Channel Closing Transmission Time (msec)	Limit (msec)
3.375	60

MOVE TIME & CHANNEL CLOSING TIME

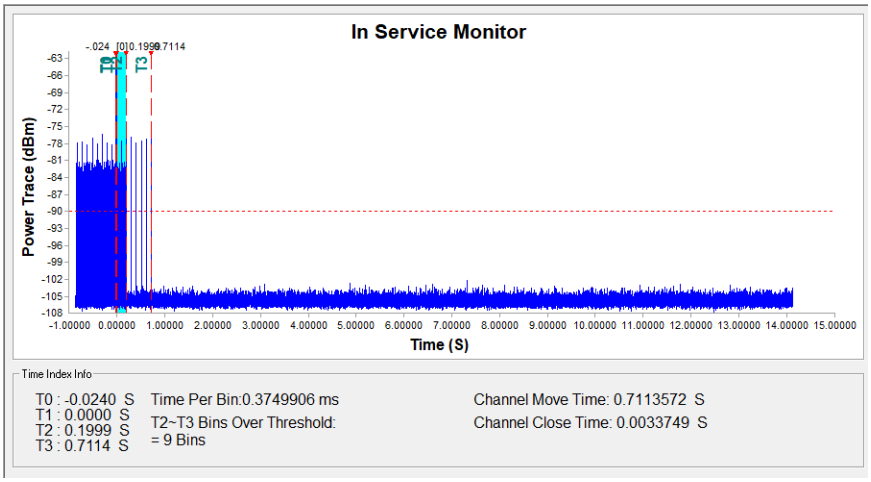
AGGREGATE CHANNEL CLOSING TRANSMISSION TIME

No transmissions are observed during the aggregate monitoring period.

MOVE TIME & AGGREGATE CHANNEL CLOSING TRANSMISSION TIME



MOVE TIME & CLOSING TIME AT IN SERVICE MONITOR

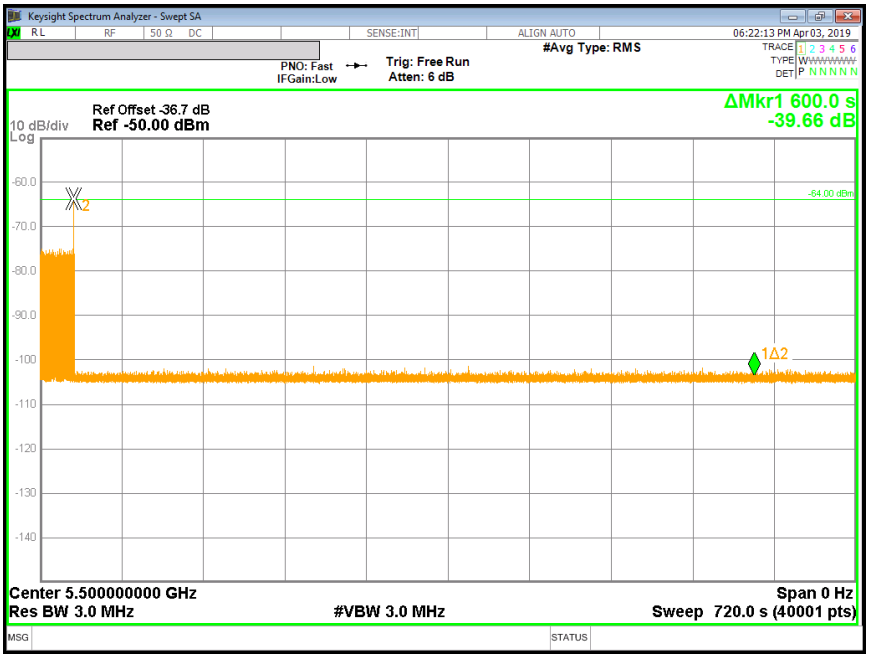


NON-OCCUPANCY PERIOD

RESULTS

No EUT transmissions were observed on the test channel during the 10-minute observation time.

10-MINUTE BEACON MONITORING PERIOD



14.3. RESULTS FOR 40 MHz BANDWIDTH

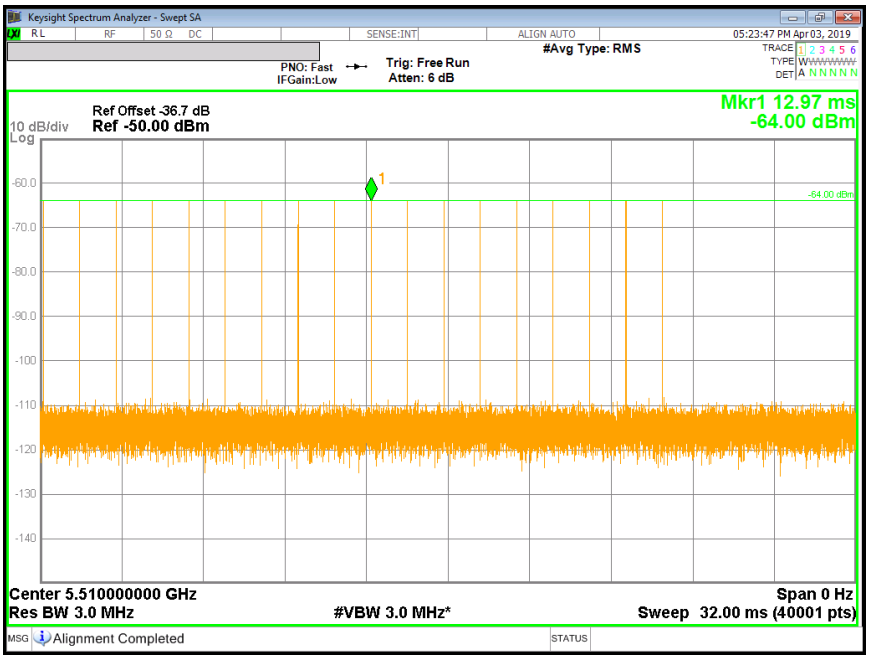
14.3.1. TEST CHANNEL

All tests were performed at a channel center frequency of 5510 MHz.

14.3.2. RADAR WAVEFORM AND TRAFFIC

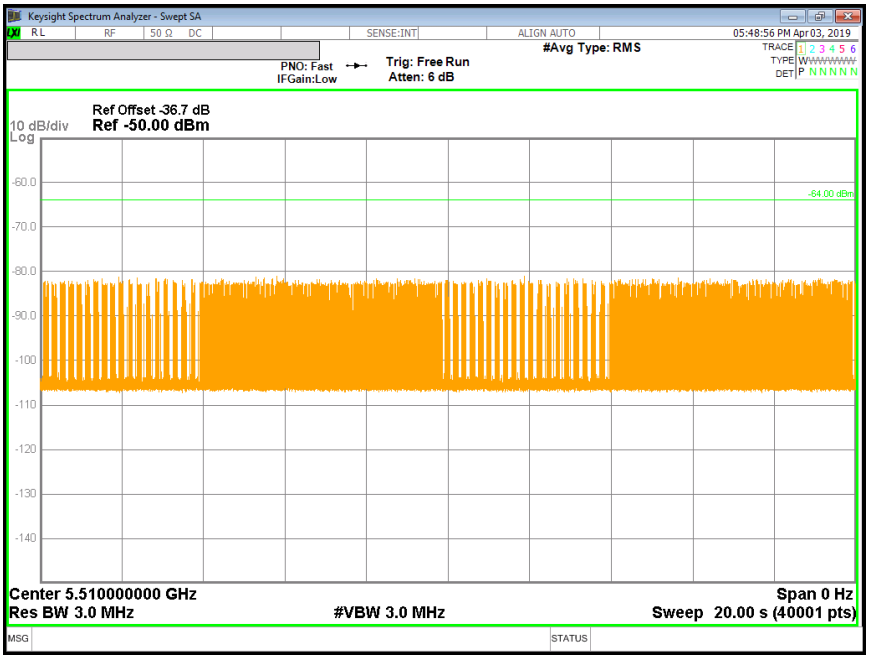
RADAR WAVEFORM

SHORT PULSE RADAR TYPE 0 AT MASTER



TRAFFIC

SLAVE TRAFFIC



14.3.3. OVERLAPPING CHANNEL TESTS

RESULTS

These tests are not applicable.

14.3.4. MOVE AND CLOSING TIME

REPORTING NOTES

The reference marker is set at the end of last radar pulse.

The delta marker is set at the end of the last WLAN transmission following the radar pulse. This delta is the channel move time.

The aggregate channel closing transmission time is calculated as follows:

Aggregate Transmission Time =
(Number of analyzer bins showing transmission) * (dwell time per bin)

The observation period over which the aggregate time is calculated begins at (Reference Marker + 200 msec) and ends no earlier than (Reference Marker + 10 sec).

RESULTS

Channel Move Time (sec)	Limit (sec)
0.795	10

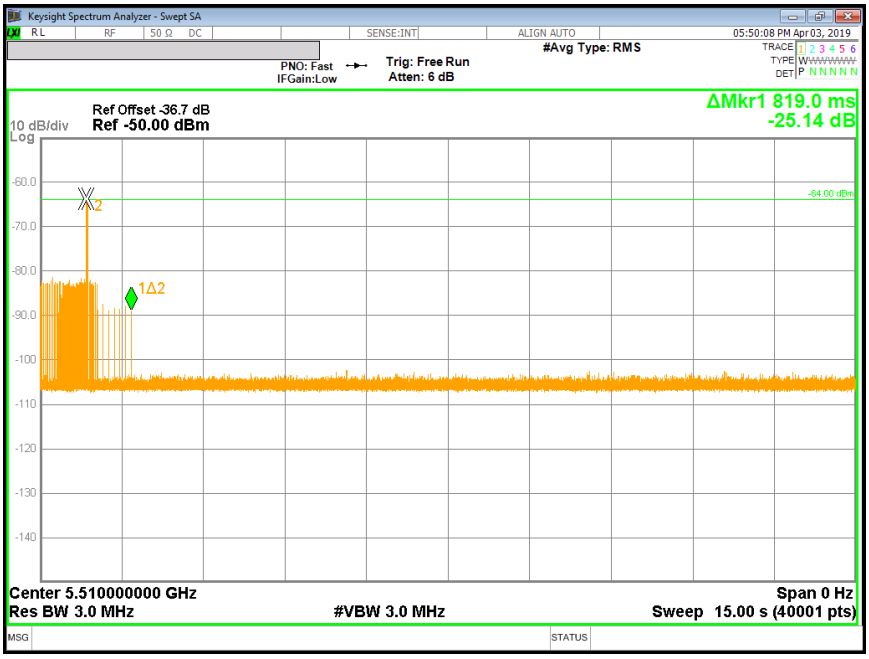
Aggregate Channel Closing Transmission Time (msec)	Limit (msec)
4.500	60

MOVE TIME & CHANNEL CLOSING TIME

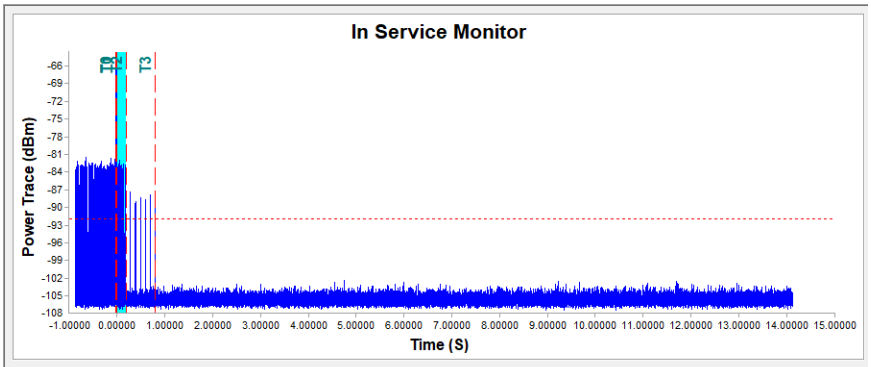
AGGREGATE CHANNEL CLOSING TRANSMISSION TIME

No transmissions are observed during the aggregate monitoring period.

MOVE TIME & AGGREGATE CHANNEL CLOSING TRANSMISSION TIME



MOVE TIME & CLOSING TIME AT IN SERVICE MONITOR

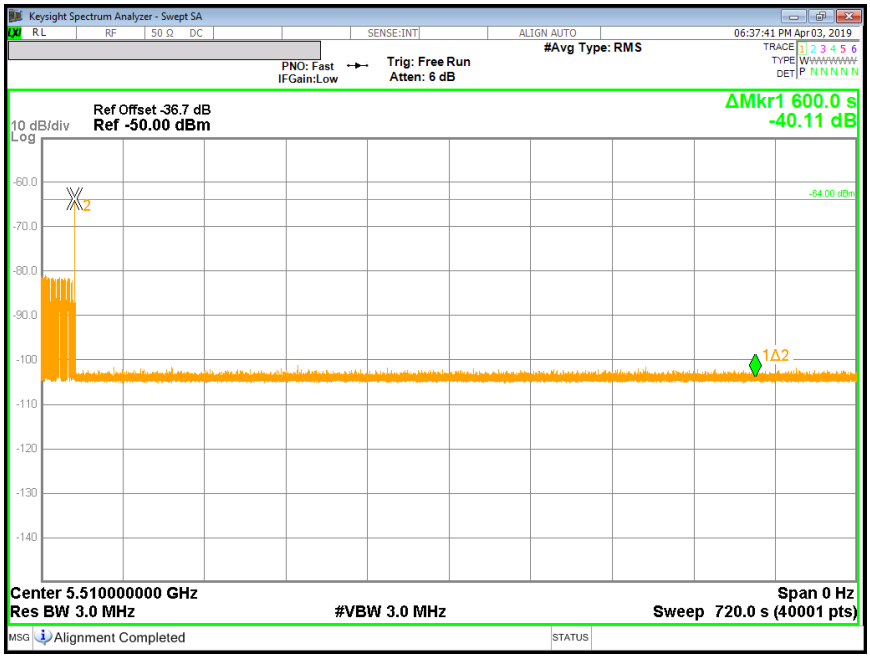


NON-OCCUPANCY PERIOD

RESULTS

No EUT transmissions were observed on the test channel during the 10-minute observation time.

10-MINUTE BEACON MONITORING PERIOD



14.4. RESULTS FOR 80 MHz BANDWIDTH

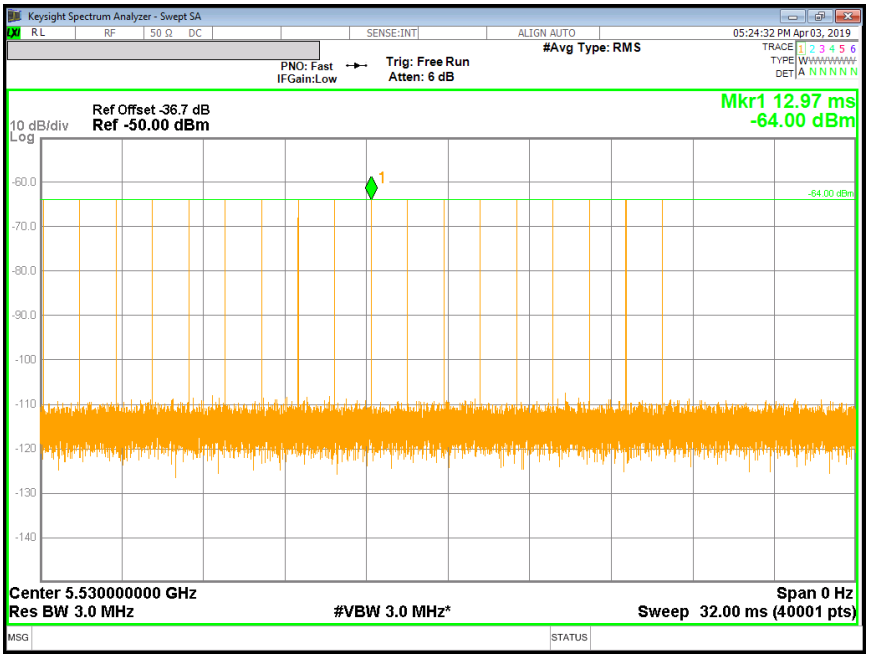
14.4.1. TEST CHANNEL

All tests were performed at a channel center frequency of 5530 MHz.

14.4.2. RADAR WAVEFORM AND TRAFFIC

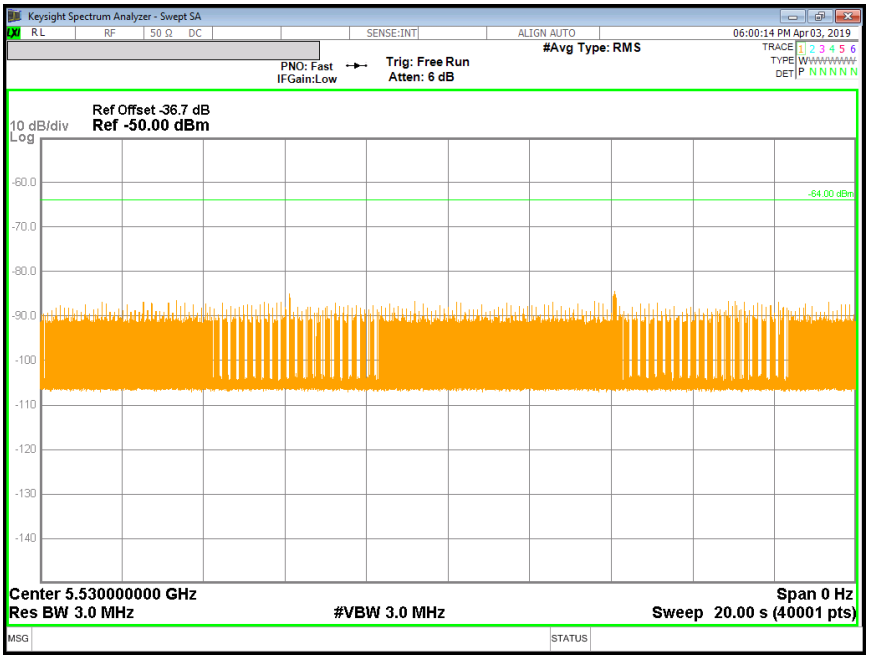
RADAR WAVEFORM

SHORT PULSE RADAR TYPE 0 AT MASTER



TRAFFIC

SLAVE TRAFFIC



14.4.3. OVERLAPPING CHANNEL TESTS

RESULTS

These tests are not applicable.

14.4.4. MOVE AND CLOSING TIME

REPORTING NOTES

The reference marker is set at the end of last radar pulse.

The delta marker is set at the end of the last WLAN transmission following the radar pulse. This delta is the channel move time.

The aggregate channel closing transmission time is calculated as follows:

Aggregate Transmission Time =
(Number of analyzer bins showing transmission) * (dwell time per bin)

The observation period over which the aggregate time is calculated begins at (Reference Marker + 200 msec) and ends no earlier than (Reference Marker + 10 sec).

RESULTS

Channel Move Time (sec)	Limit (sec)
0.711	10

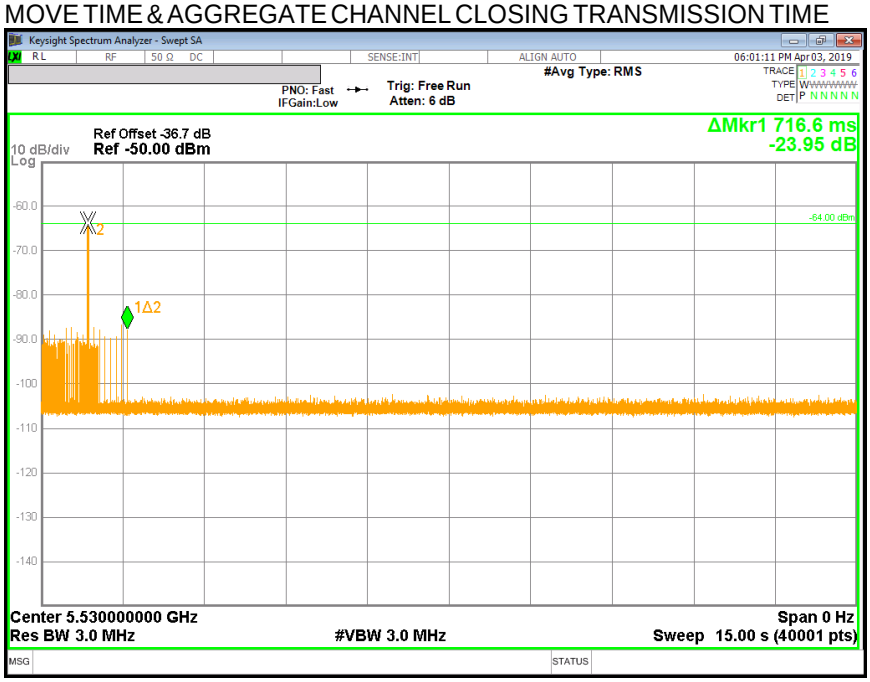
Aggregate Channel Closing Transmission Time (msec)	Limit (msec)
3.750	60

MOVE TIME & CHANNEL CLOSING TIME

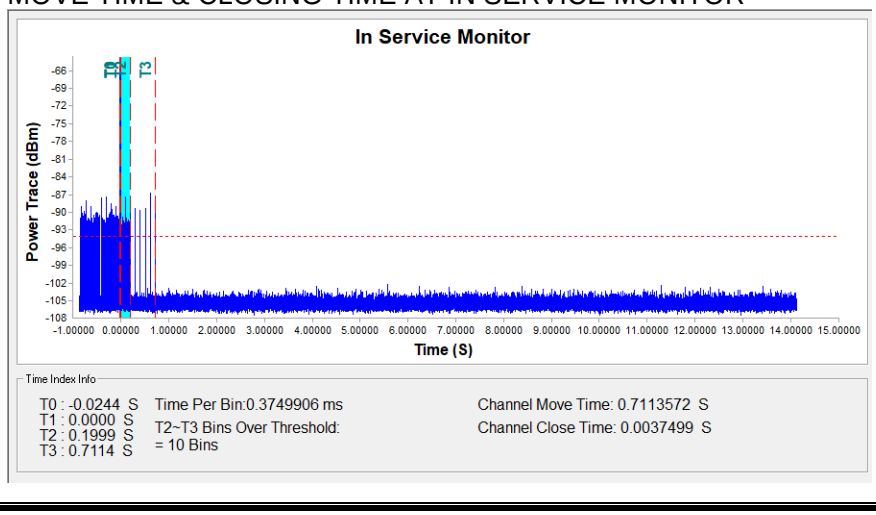
AGGREGATE CHANNEL CLOSING TRANSMISSION TIME

No transmissions are observed during the aggregate monitoring period.

MOVE TIME & AGGREGATE CHANNEL CLOSING TRANSMISSION TIME



MOVE TIME & CLOSING TIME AT IN SERVICE MONITOR



NON-OCCUPANCY PERIOD

RESULTS

No EUT transmissions were observed on the test channel during the 10-minute observation time.

10-MINUTE BEACON MONITORING PERIOD