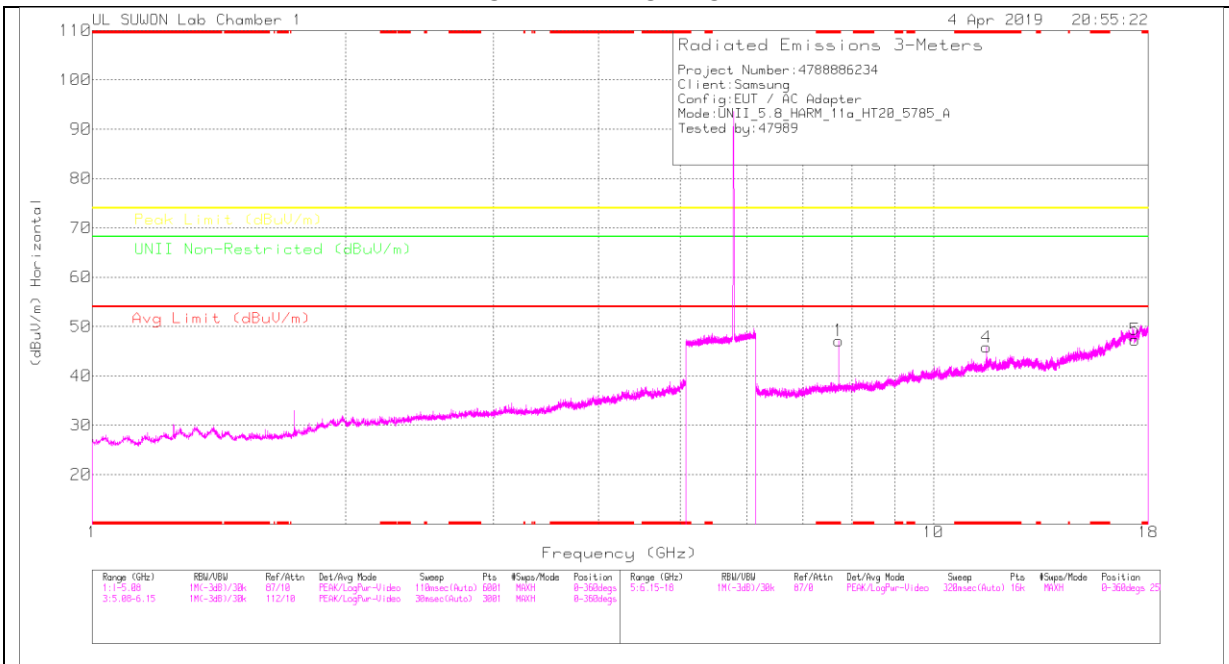
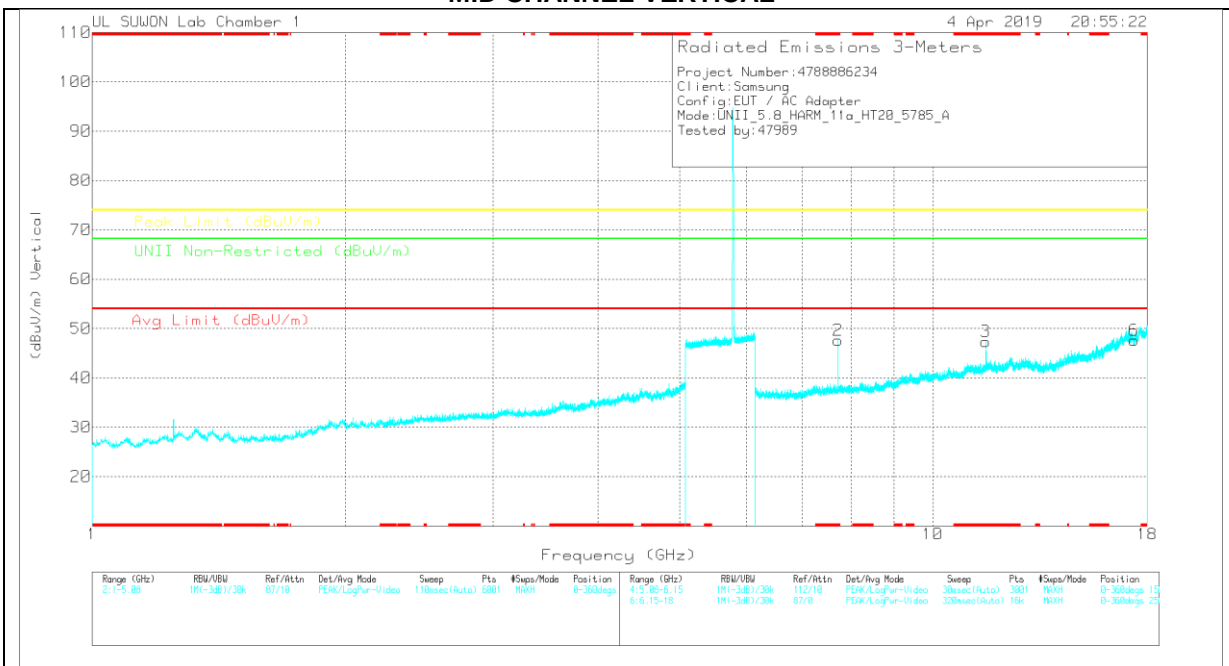


MID CHANNEL HORIZONTAL



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_HF(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)	Asimuth (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

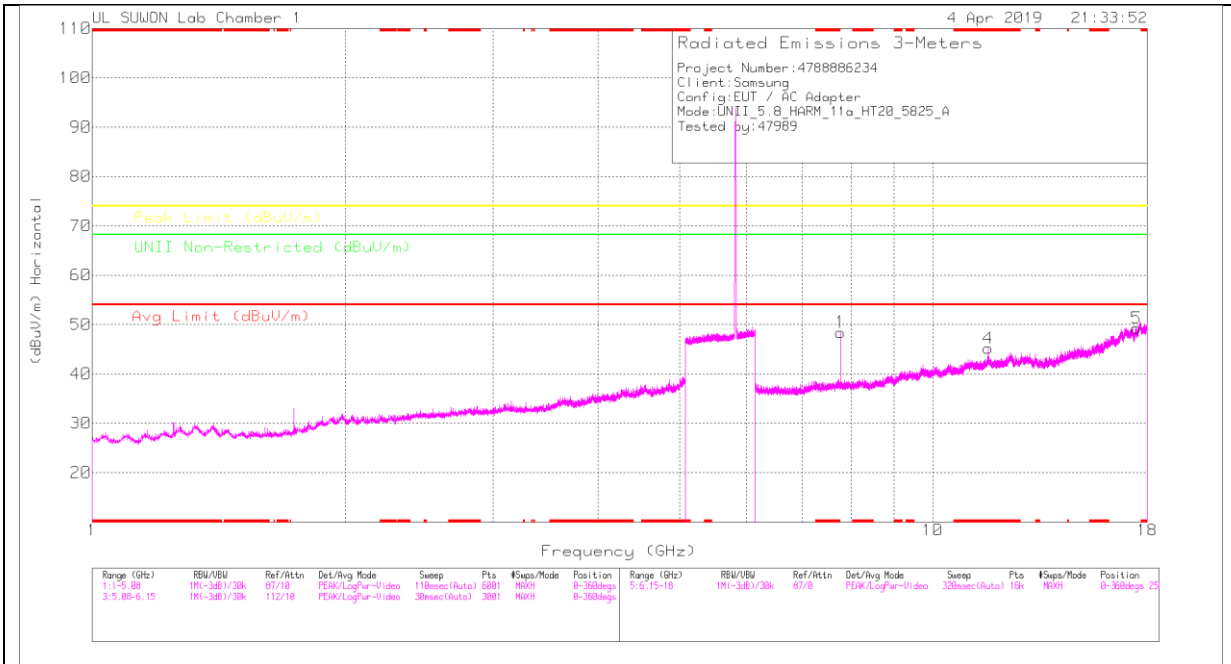
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 7.713	43.92	PK-U	35.9	-26.6	0	53.22	-	-	74	-20.78	-	-	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

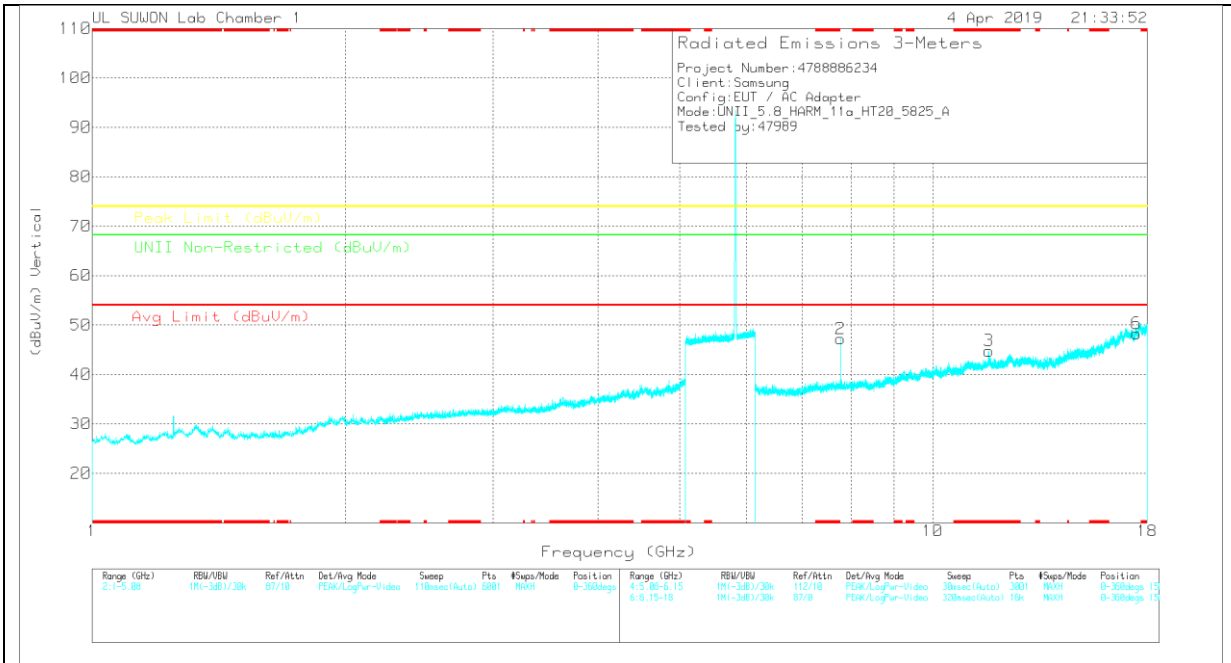
PK-U - U-NII: Maximum Peak

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

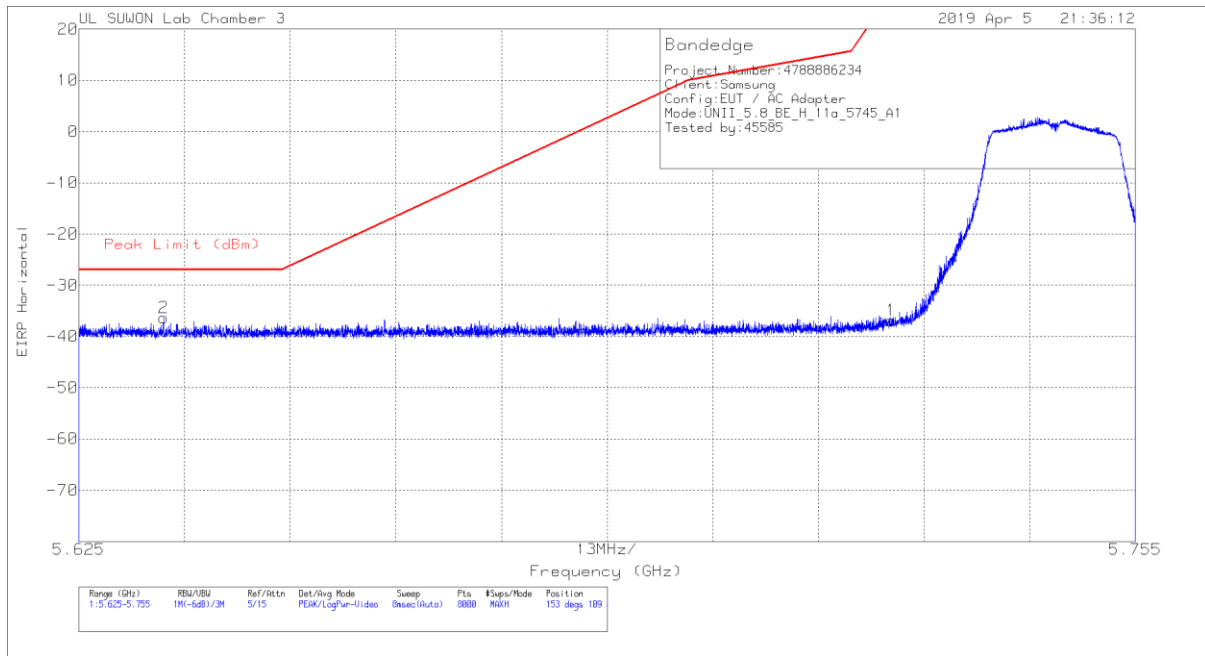
Radiated Emissions

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

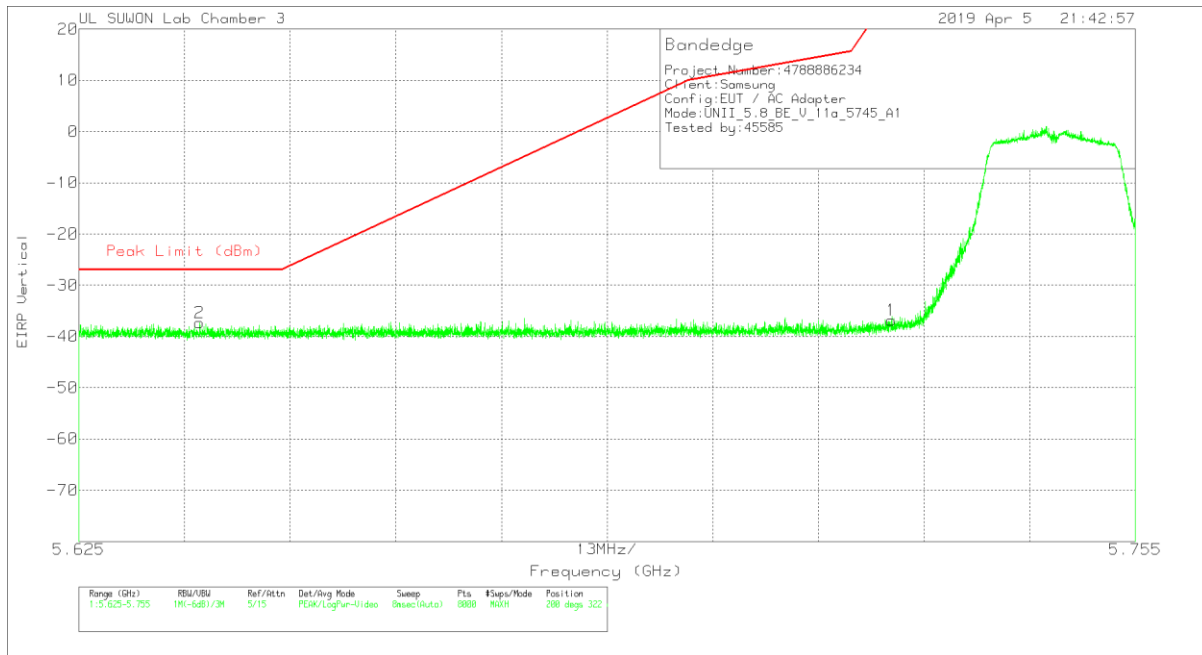


Trace Markers

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



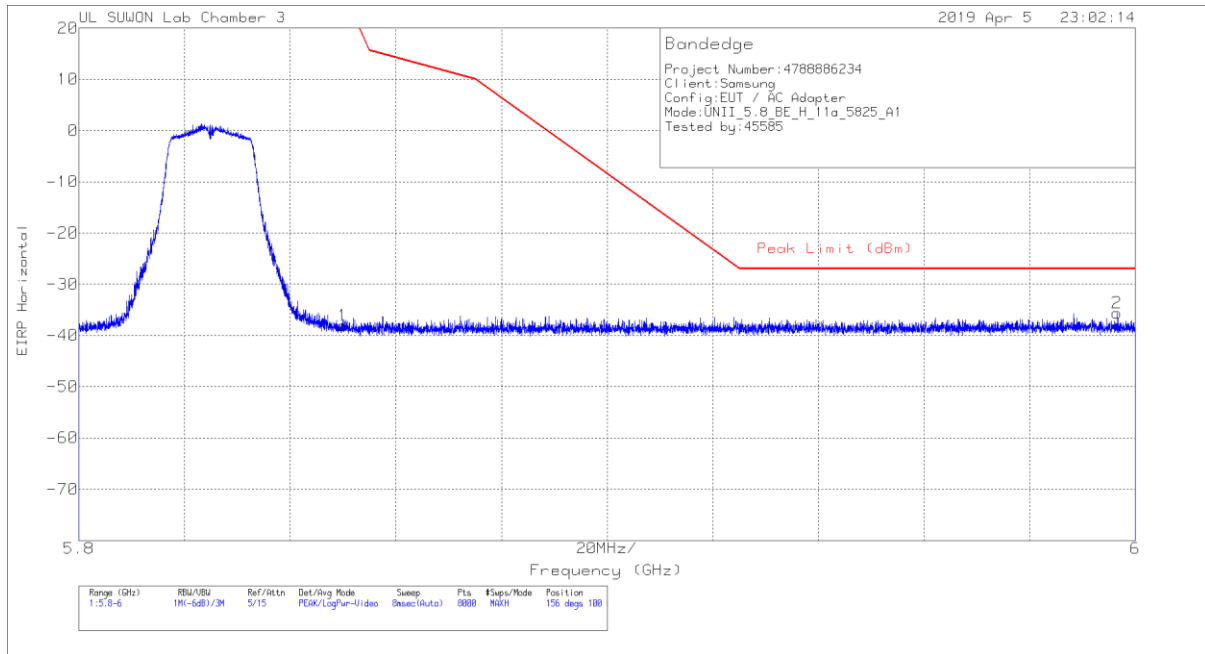
Trace Markers

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

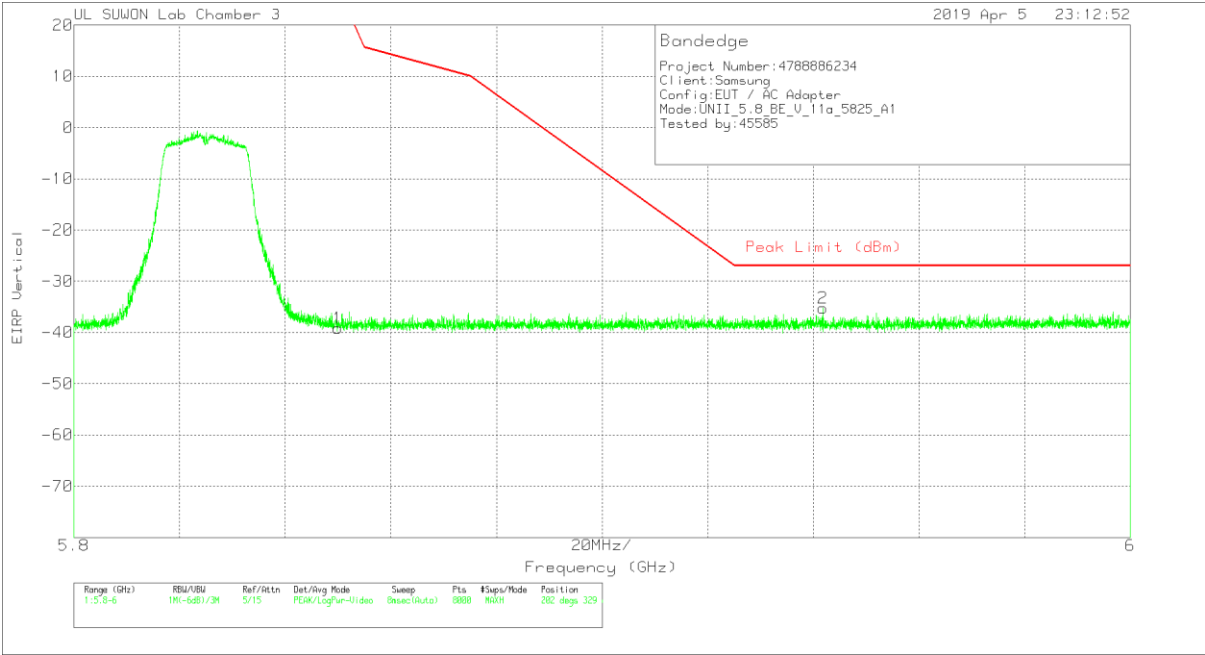


Trace Markers

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

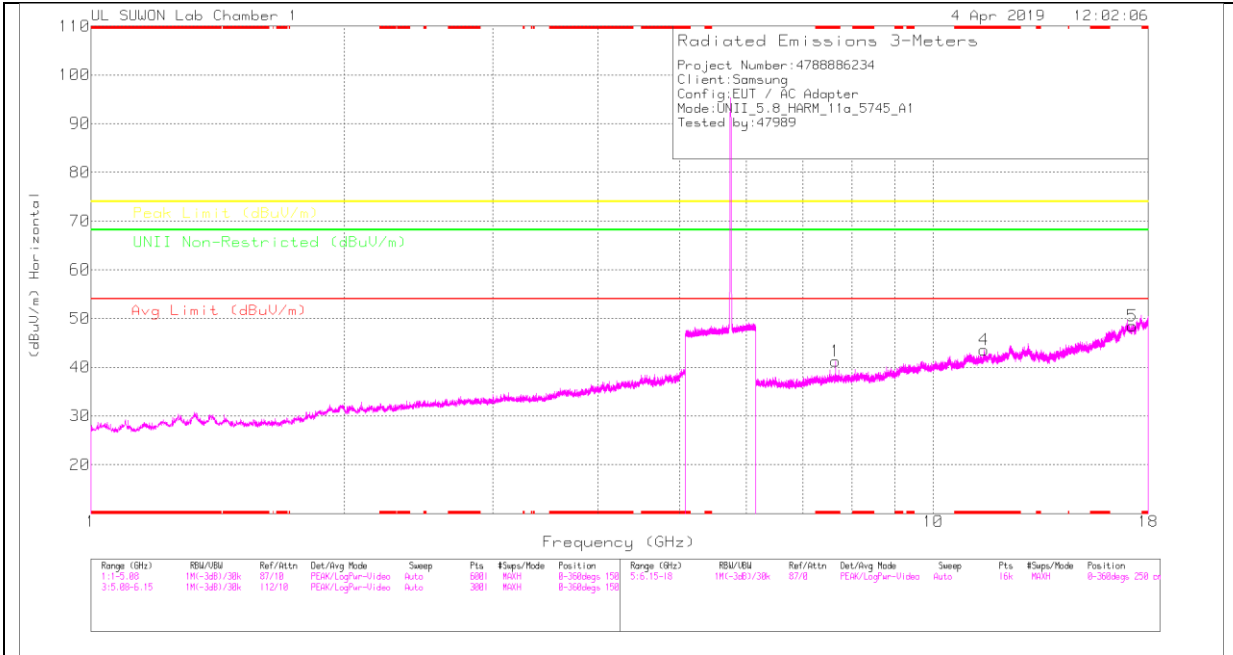


Trace Markers

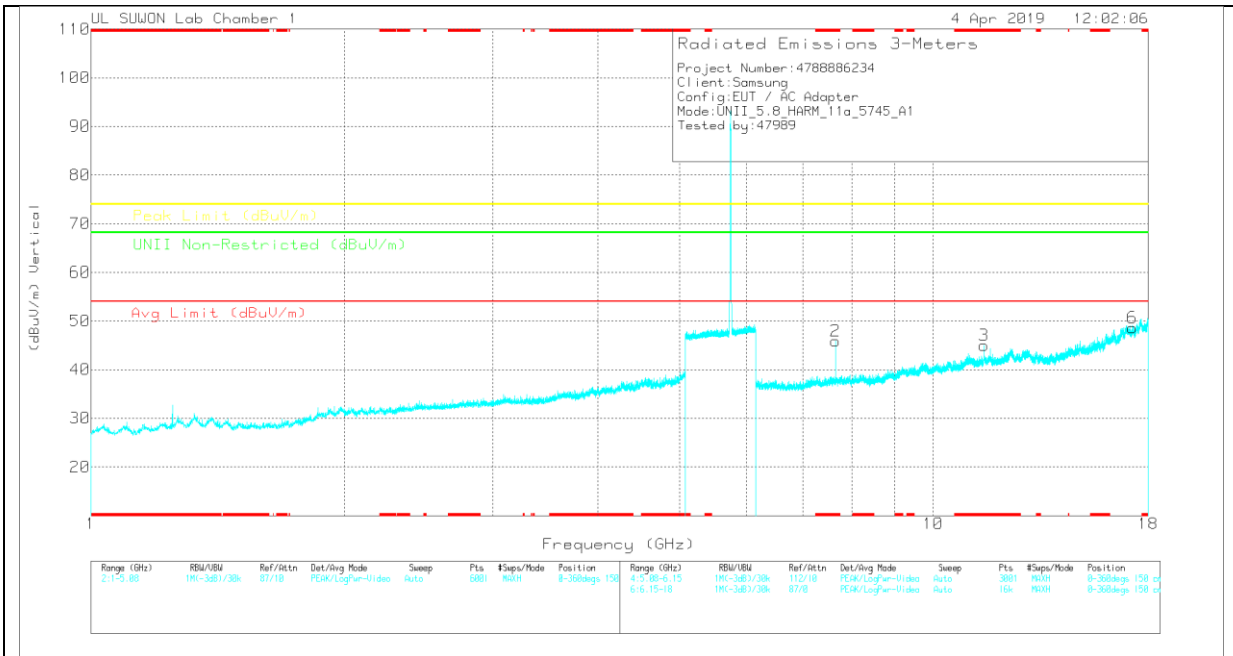
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.27	Pk	35	-17.7	11.8	0	-39.17	26.99	-66.16	202	329	V
2	5.942	-64.41	Pk	35.1	-17.7	11.8	0	-35.21	-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_00108717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/NR Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 7.659	32.31	PK	35.8	-26.9	0	41.21	-	-	74	-32.79	-	-	-	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

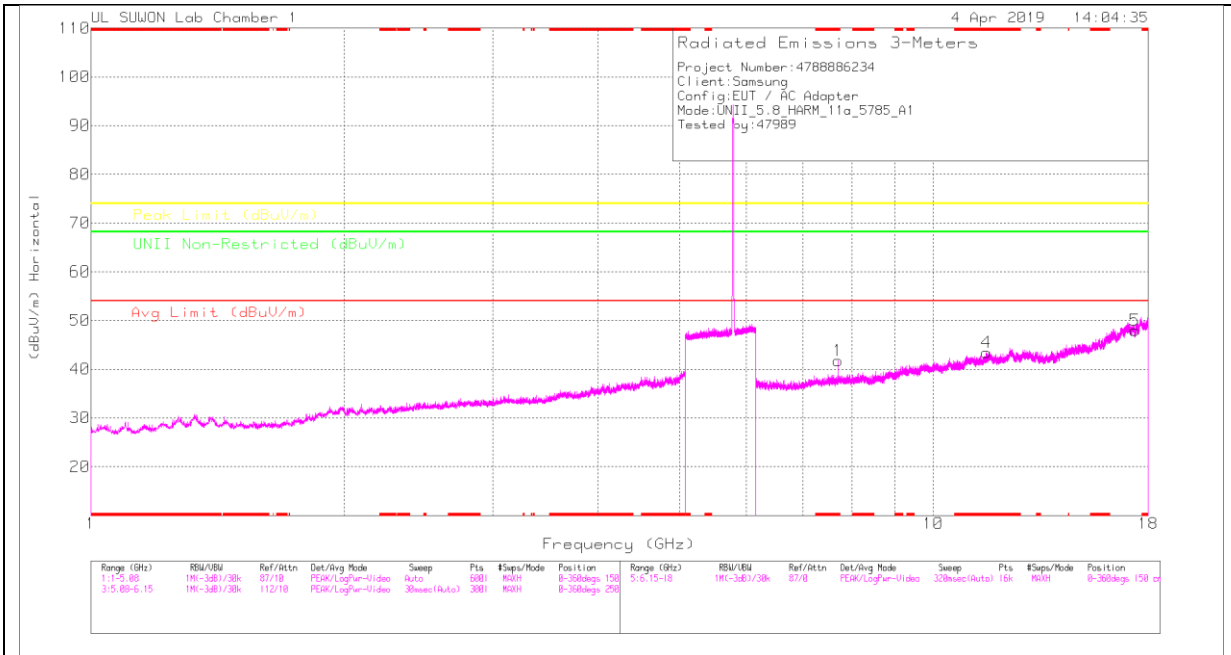
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

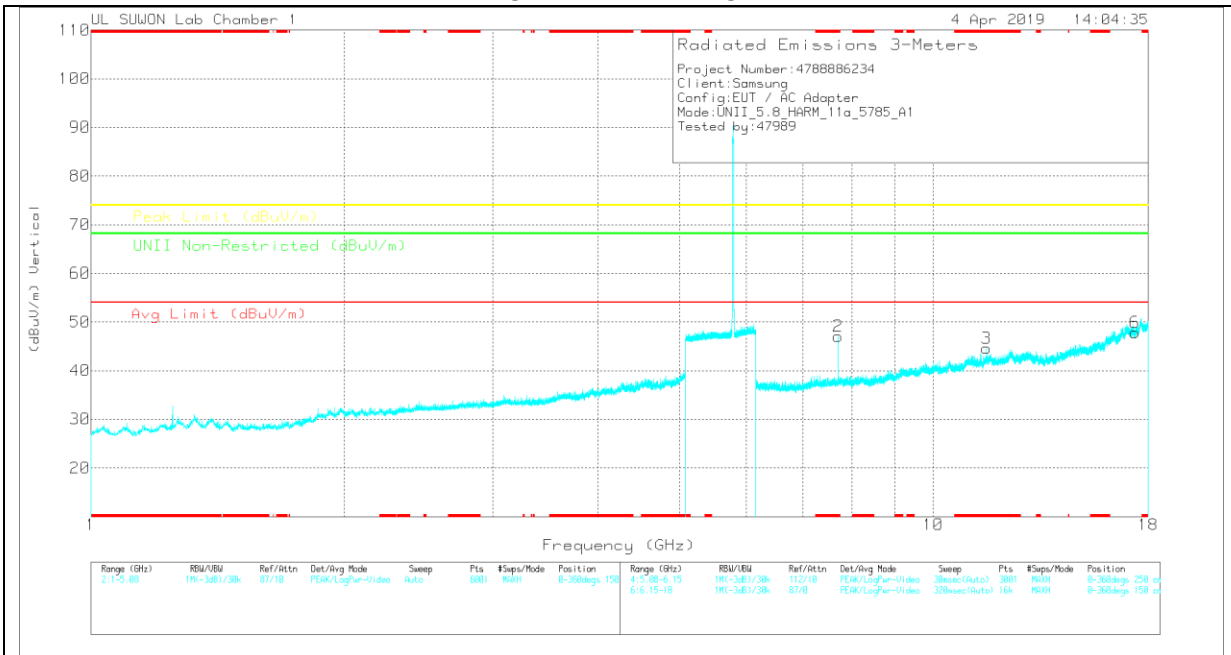
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00108717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/NR Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 7.66	41.91	PK-U	35.8	-26.9	0	50.81	-	-	74	-23.19	-	-	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 (dBm)	Det	3117_0018717	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/NII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (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

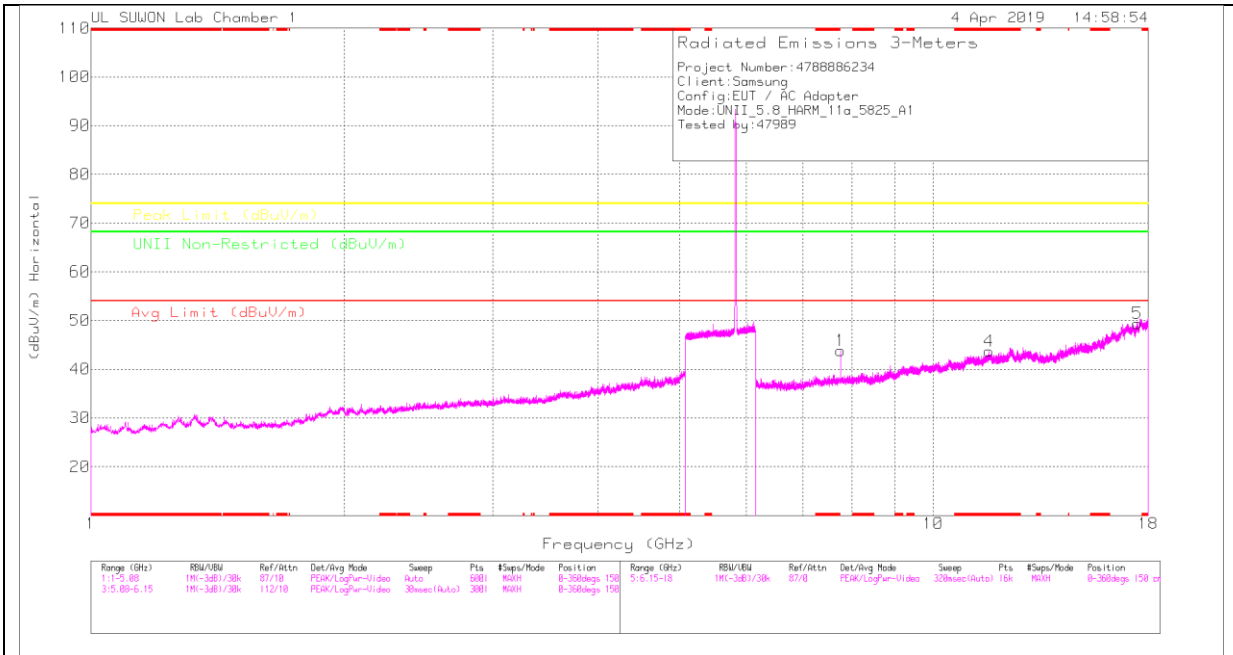
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0018717	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/NII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 7.713	41.61	PK-U	35.9	-26.6	0	50.91	-	-	74	-23.09	-	-	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

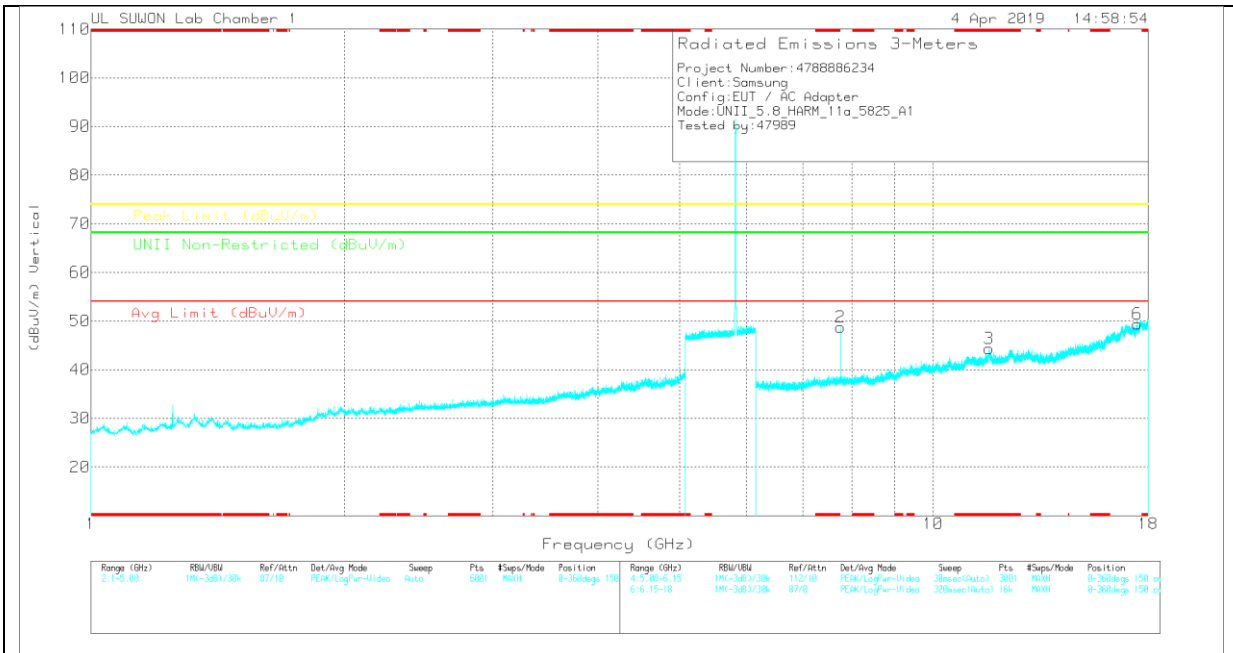
PK-U - U-NII: Maximum Peak

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)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (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

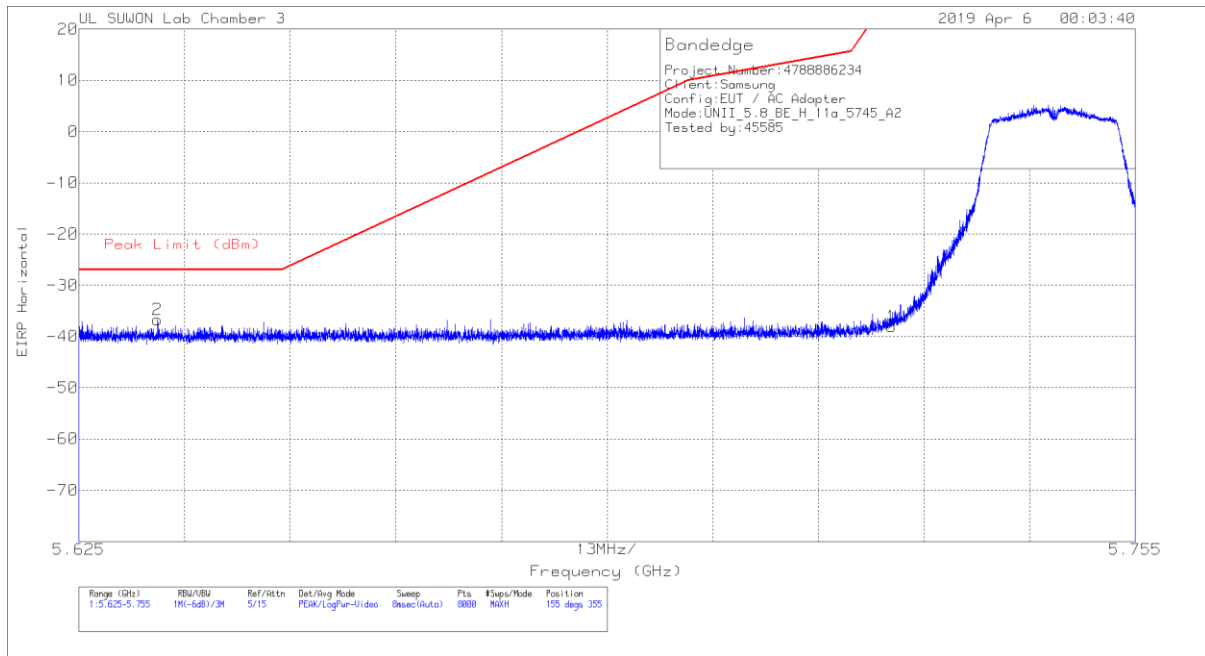
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_PP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
7.766	41.83	PK-U	35.9	-26.4	0	51.33	-	-	-	-	68.2	-16.87	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

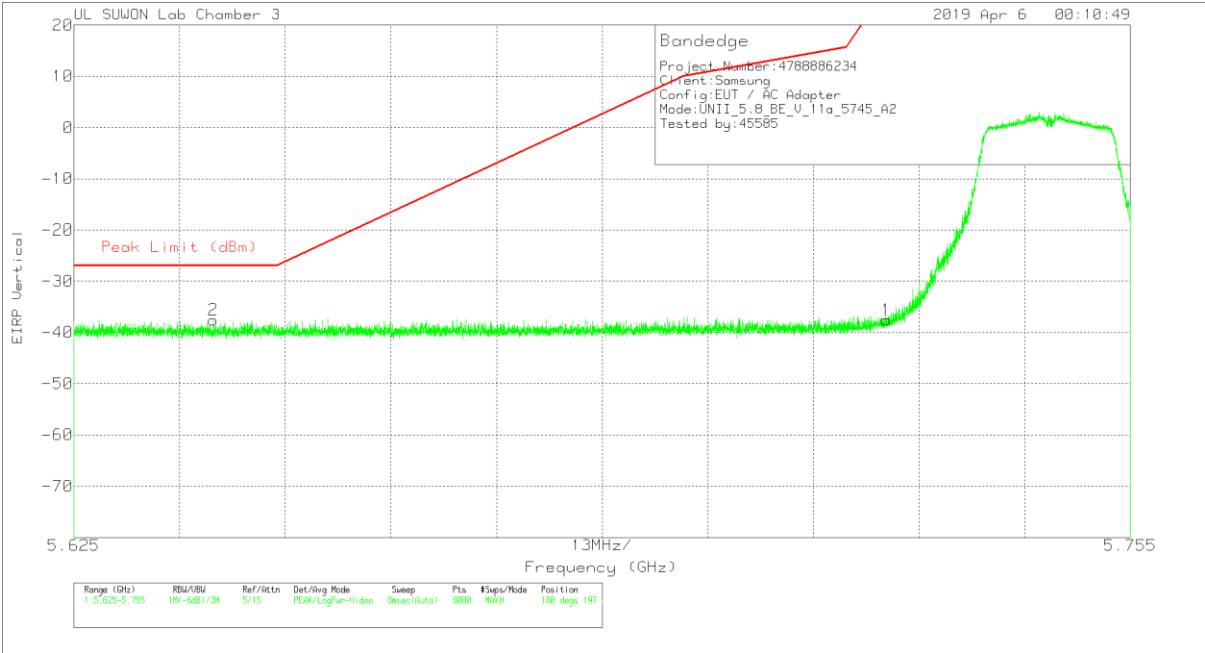


Trace Markers

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



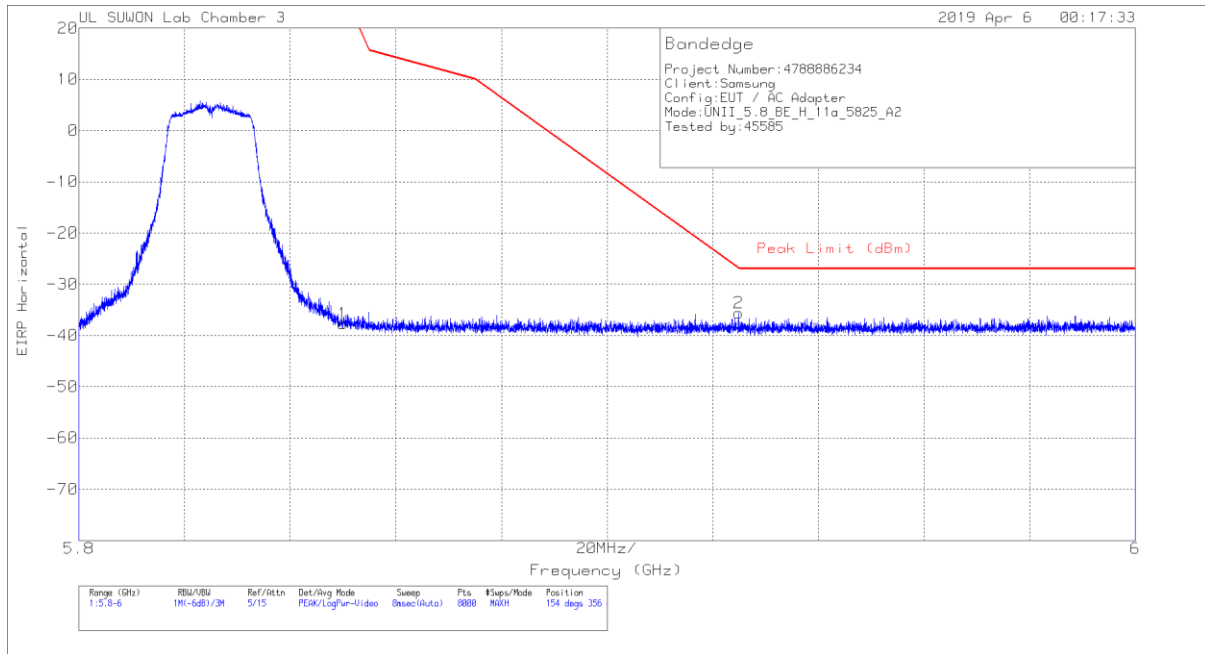
Trace Markers

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

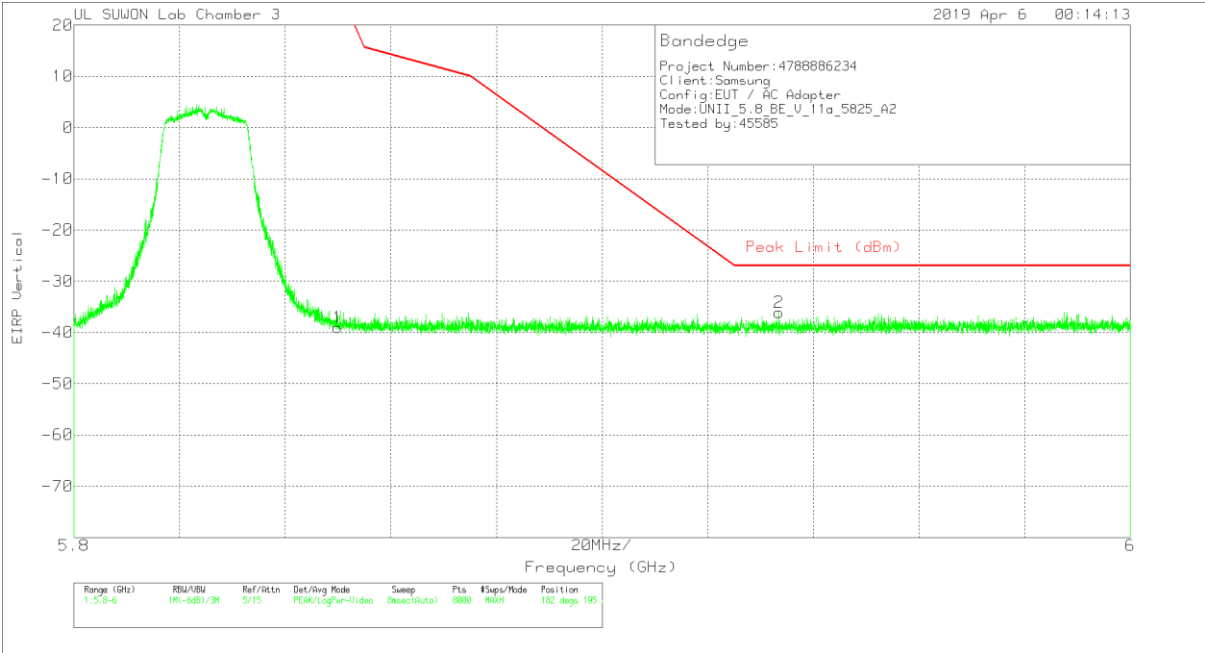


Trace Markers

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

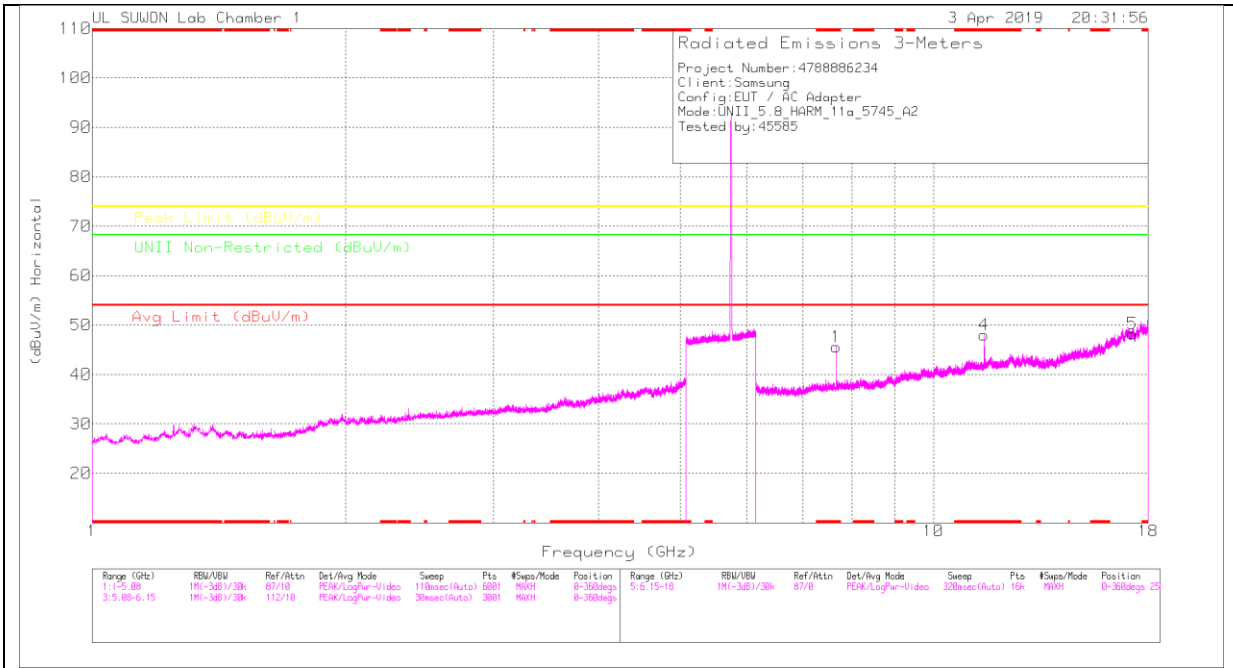


Trace Markers

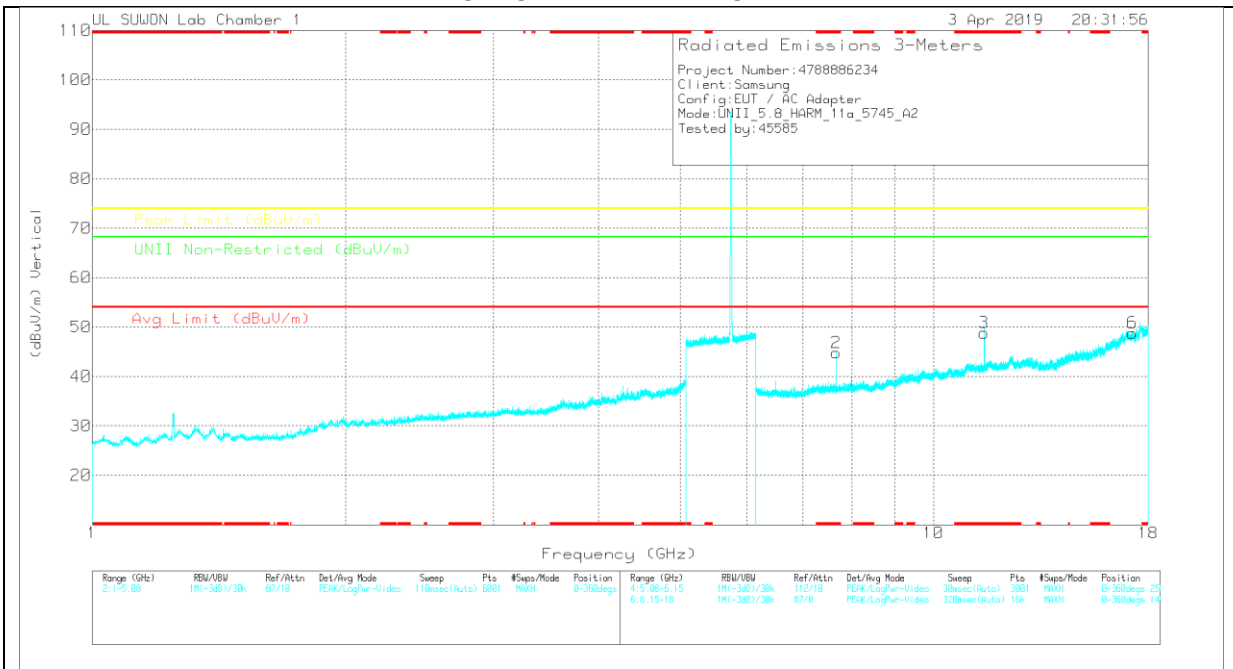
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.12	Pk	35	-17.7	11.8	0	-39.02	26.99	-66.01	182	195	V
2	5.933	-65.24	Pk	35.1	-17.7	11.8	0	-36.04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

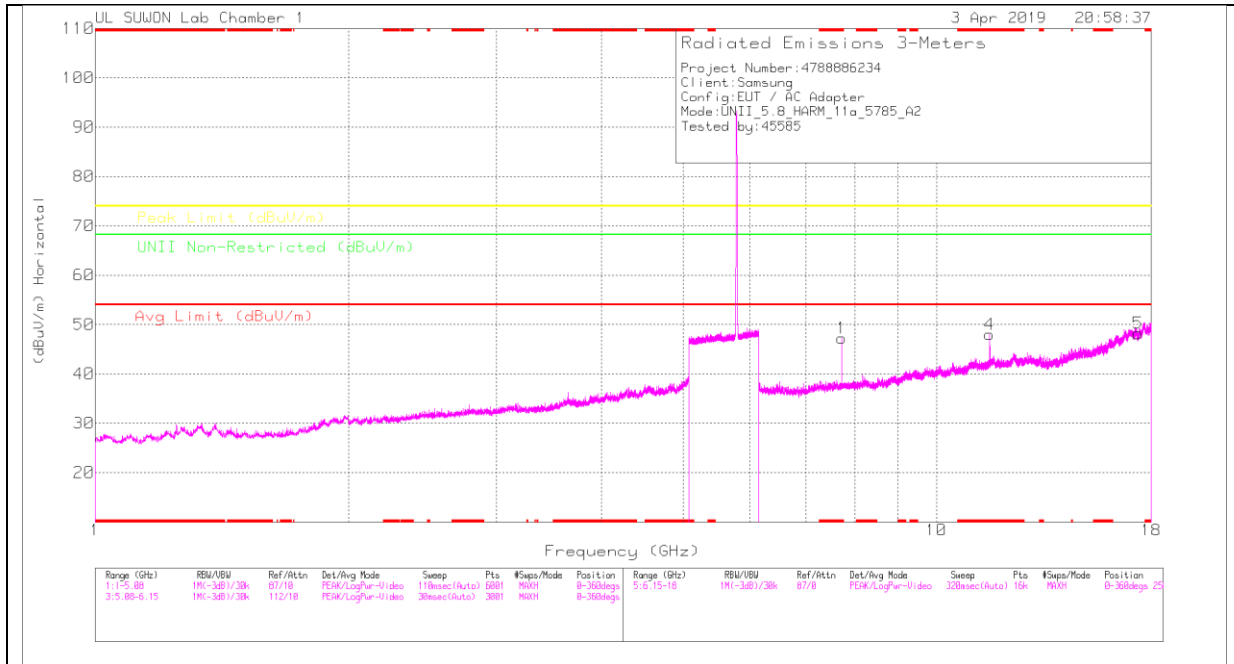
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

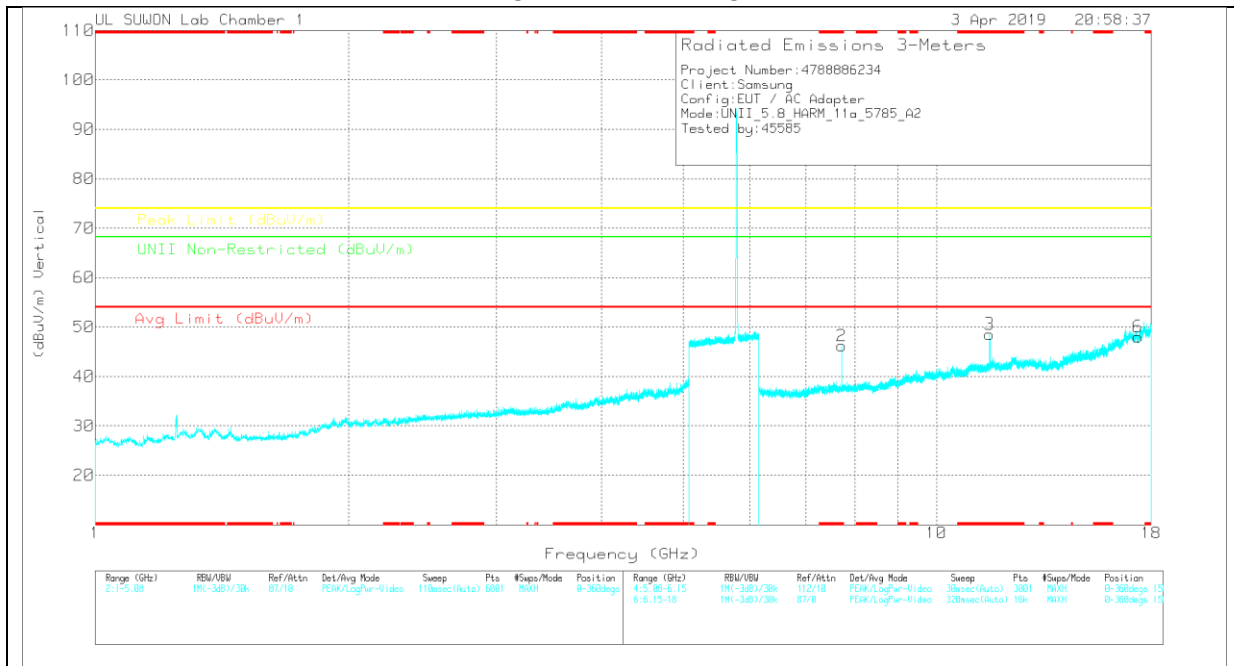
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.66	42.93	PK-U	35.8	-26.9	0	51.83	-	-	74	-22.17	-	-	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 (dBm)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (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

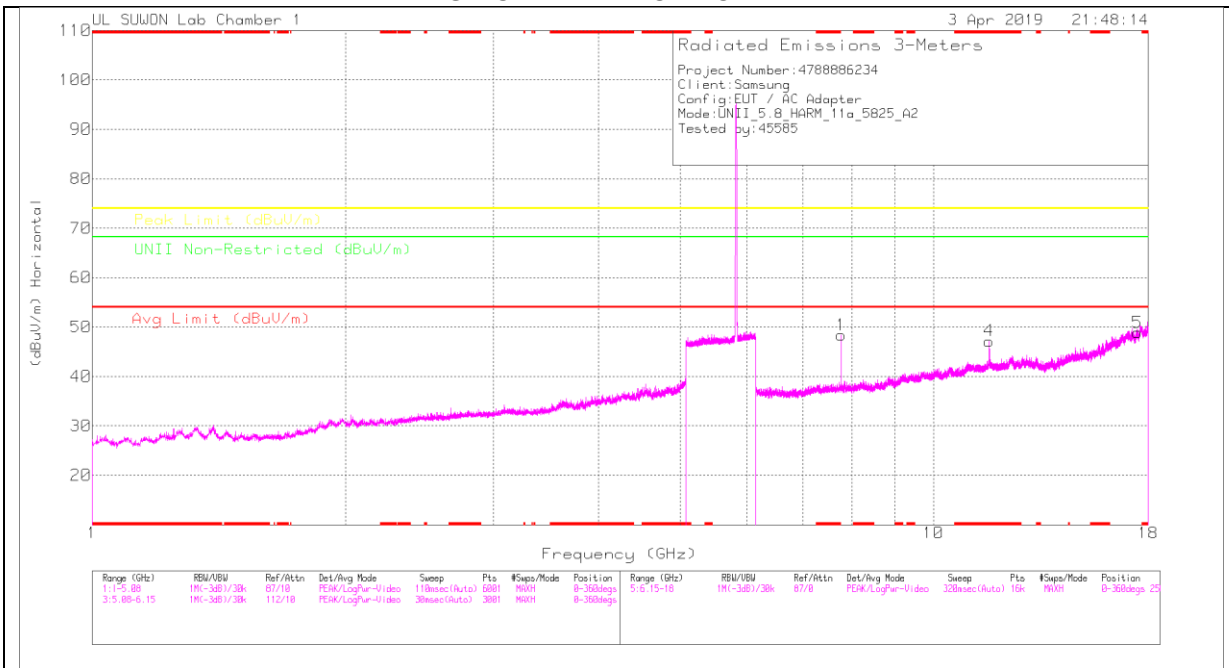
Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 7.713	43.48	PK-U	35.9	-26.6	0	52.78	-	-	74	-21.22	-	-	110	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

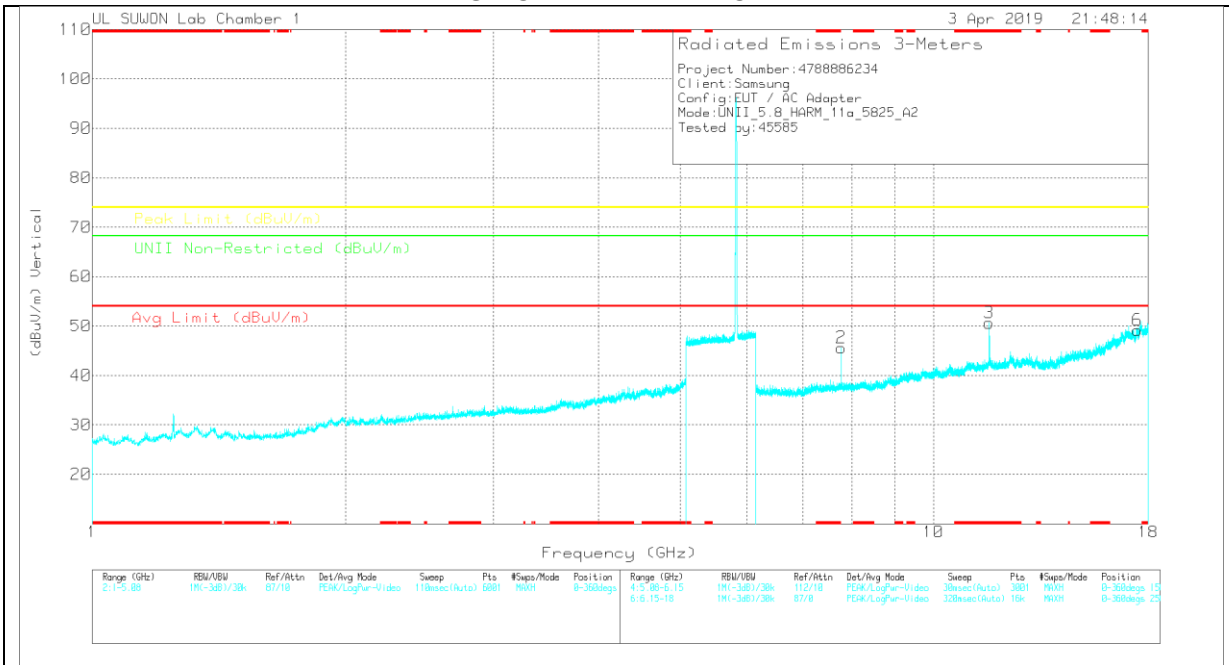
PK-U - U-NII: Maximum Peak

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_00108717	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit 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

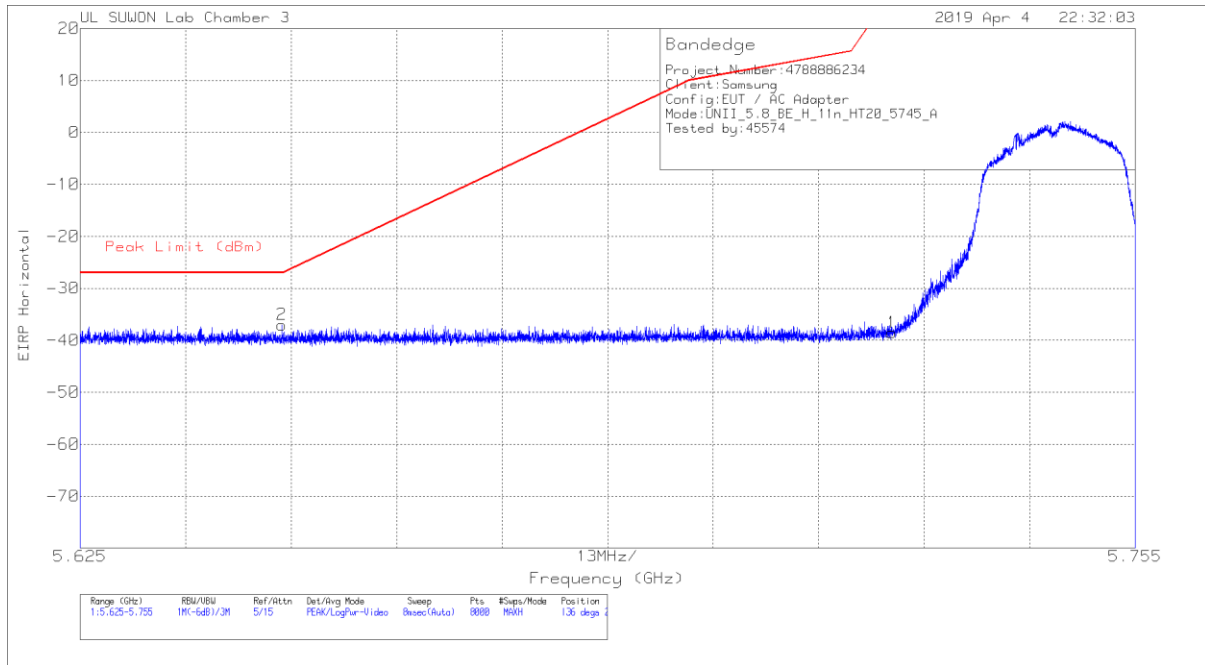
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00108717	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit 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

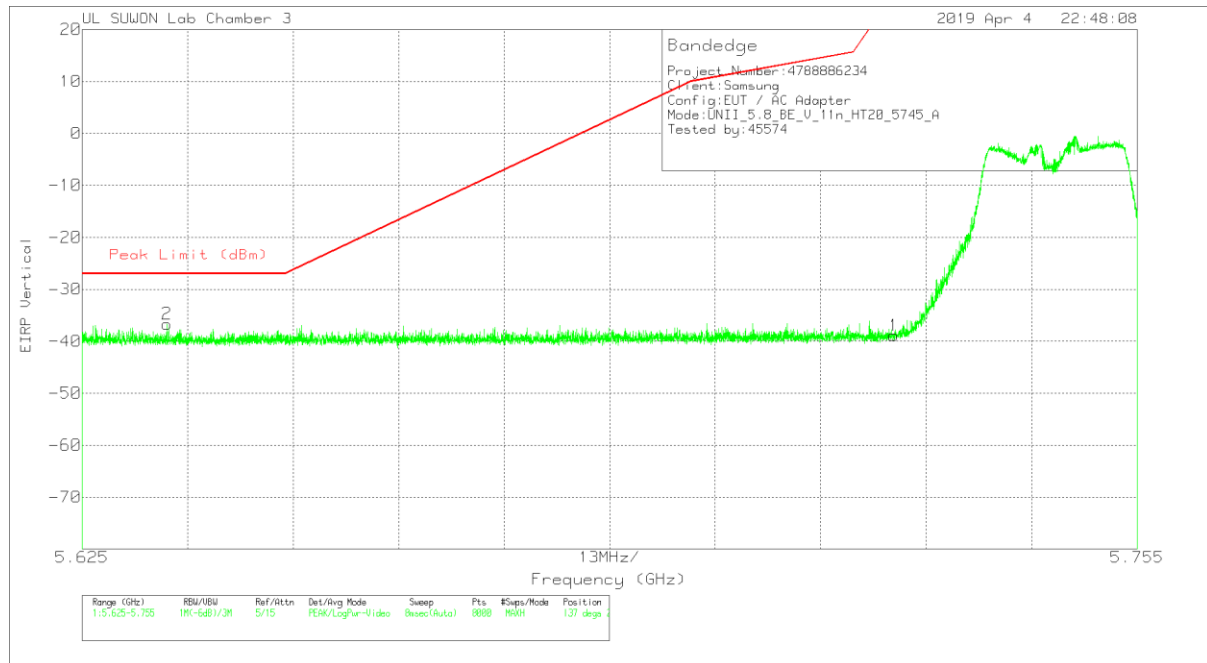


Trace Markers

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



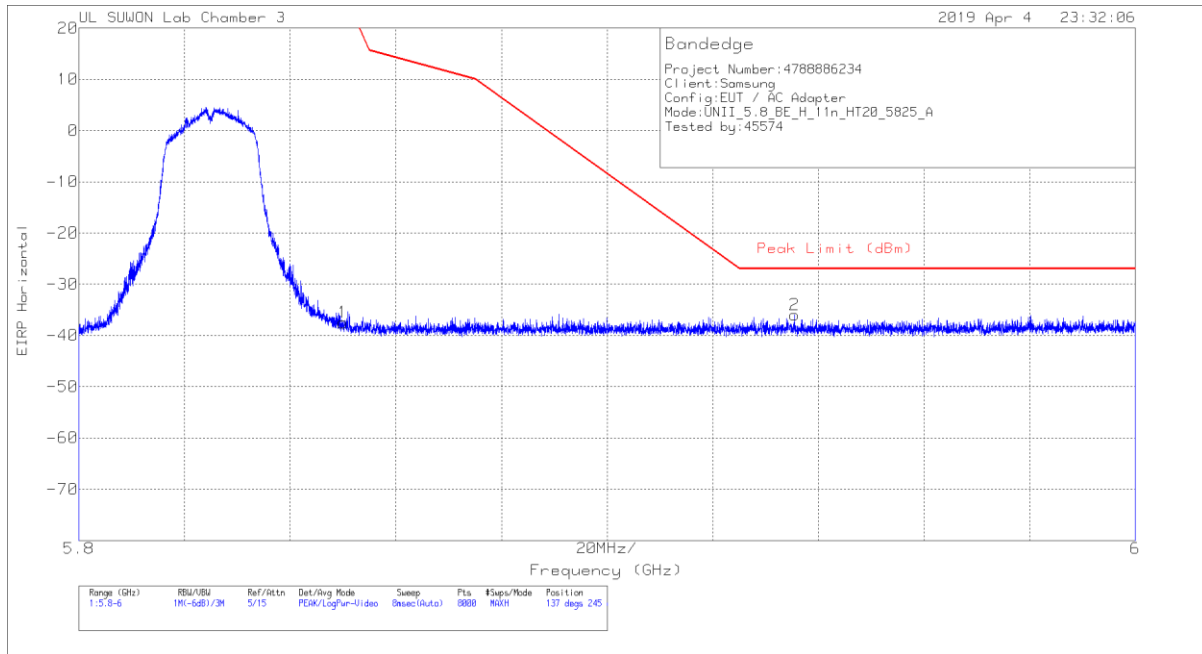
Trace Markers

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

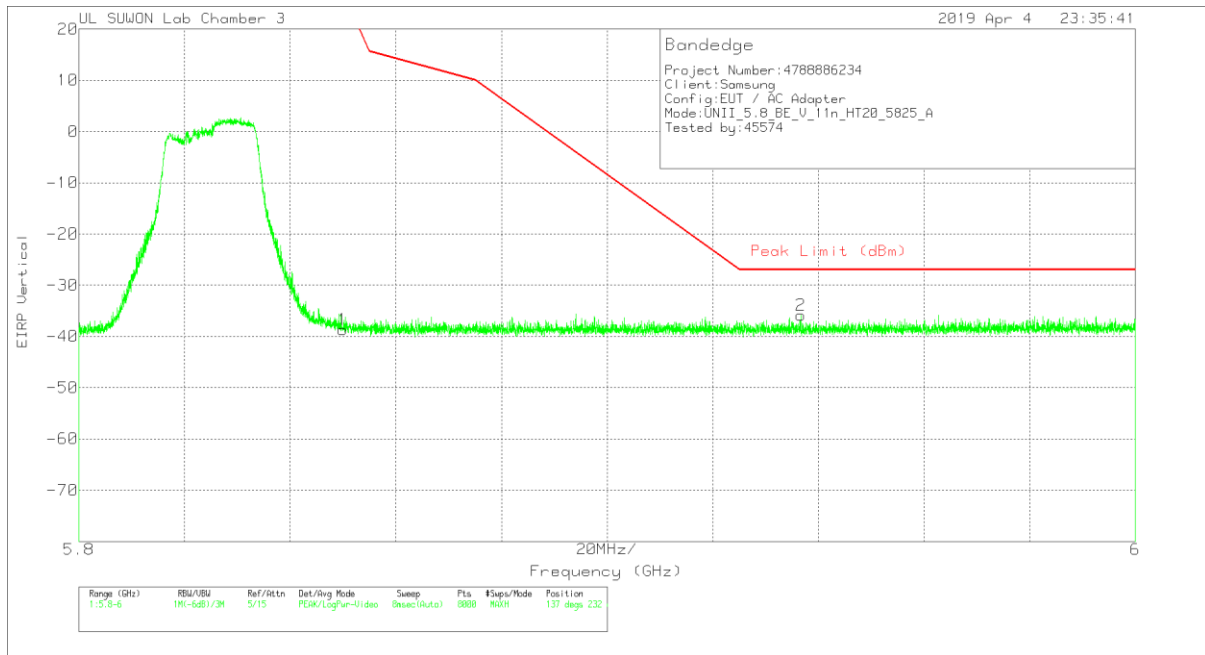


Trace Markers

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

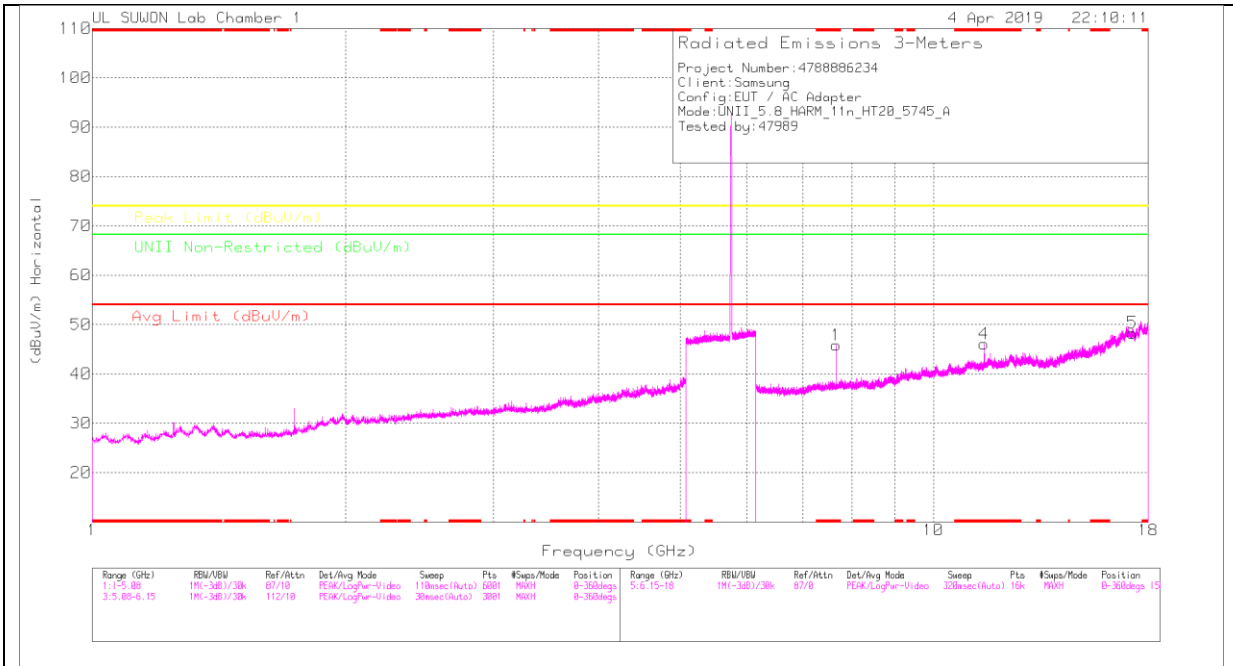


Trace Markers

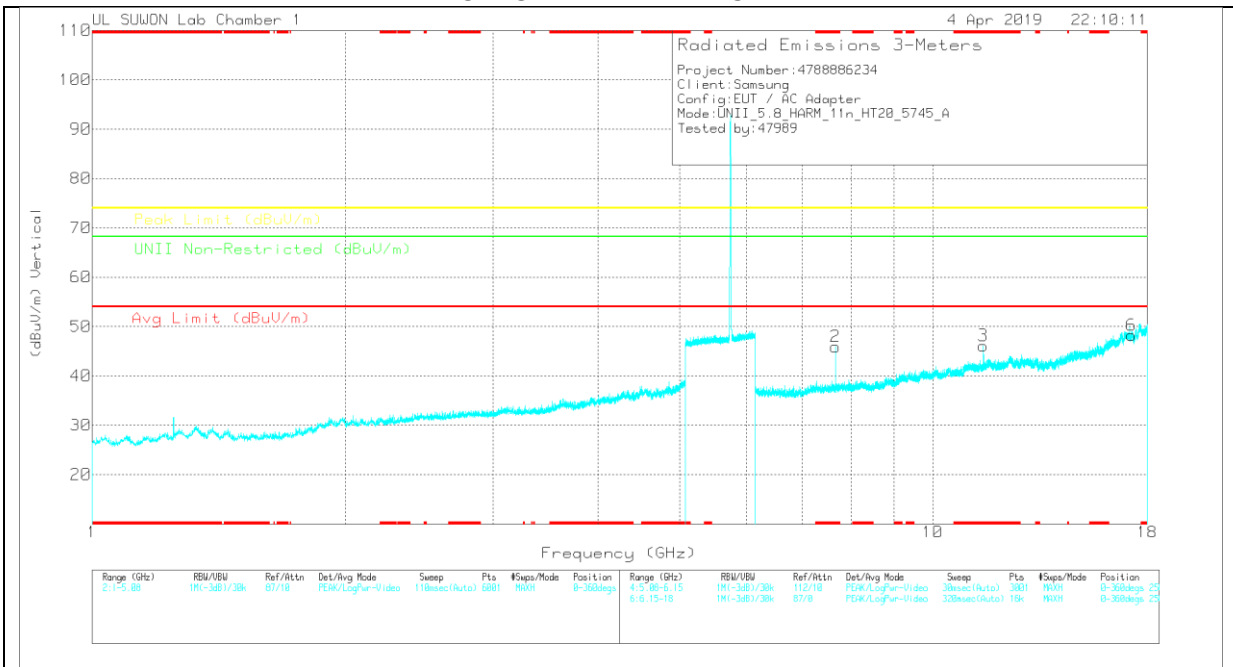
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_0020595 9	10dB[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.77	Pk	35	-17.7	11.8	-38.67	26.99	-65.66	137	232	V
2	5.937	-65.01	Pk	35.1	-17.7	11.8	-35.81	-27	-8.81	137	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_00108717	6GHz_HF(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

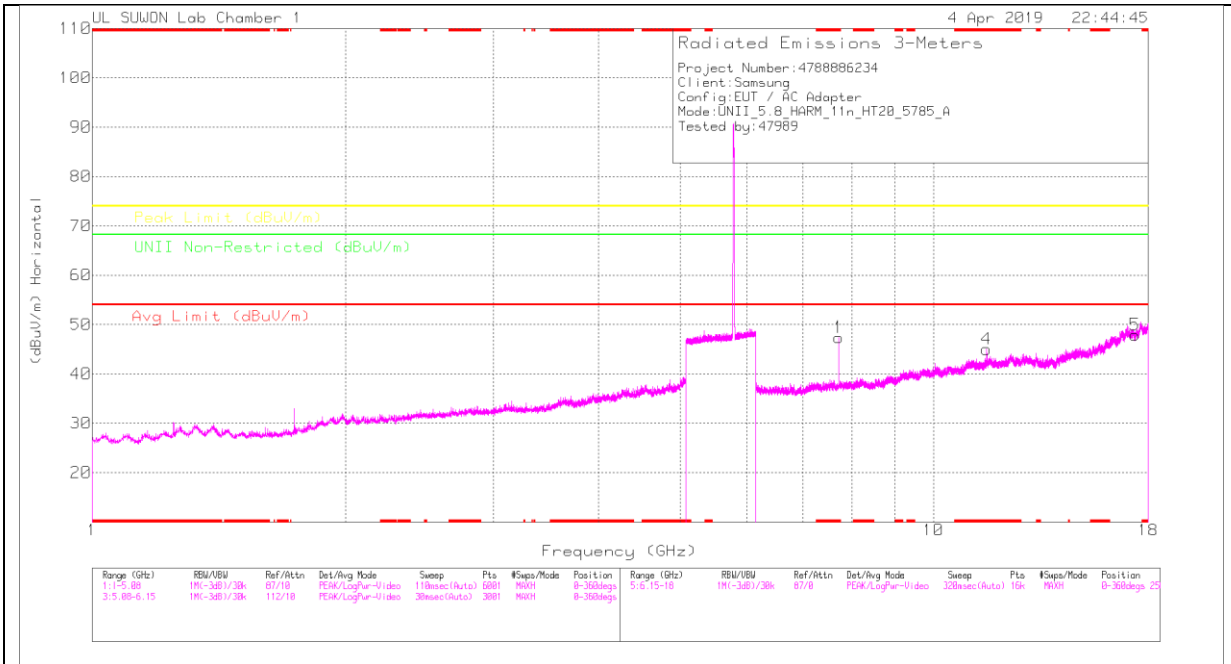
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

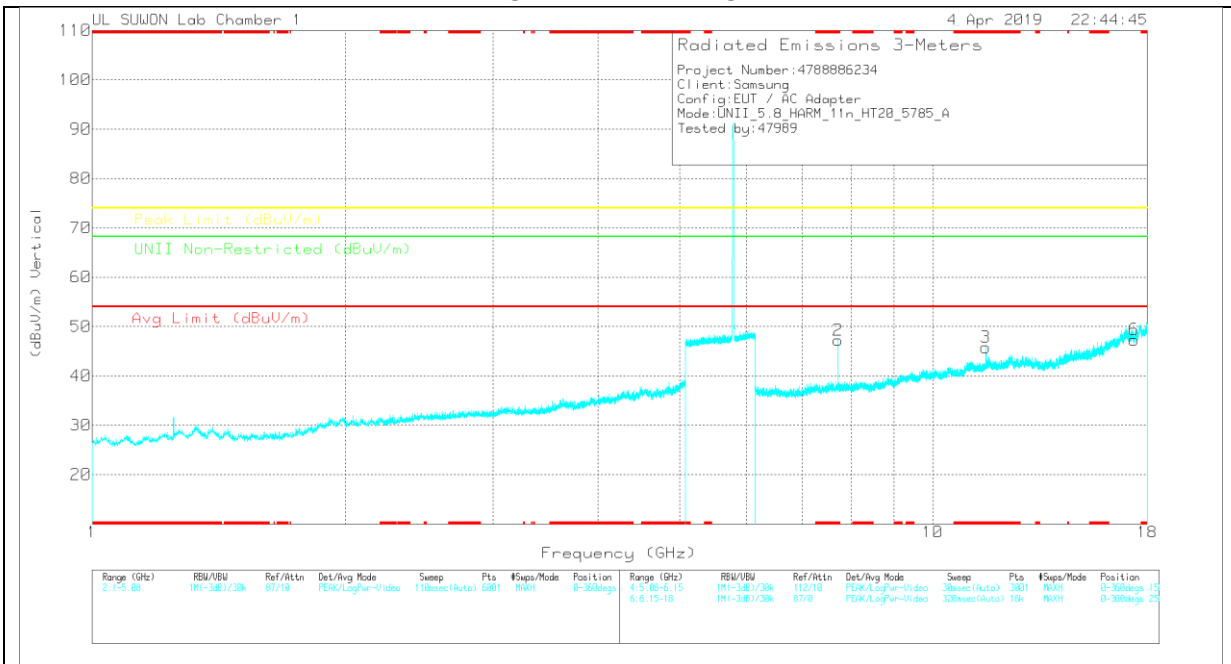
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00108717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.66	42.9	PK-U	35.8	-26.9	0	51.8	-	-	74	-22.2	-	-	201	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 (dBm)	Det	3117_00168717	6GHz_HF(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)	Asimuth (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

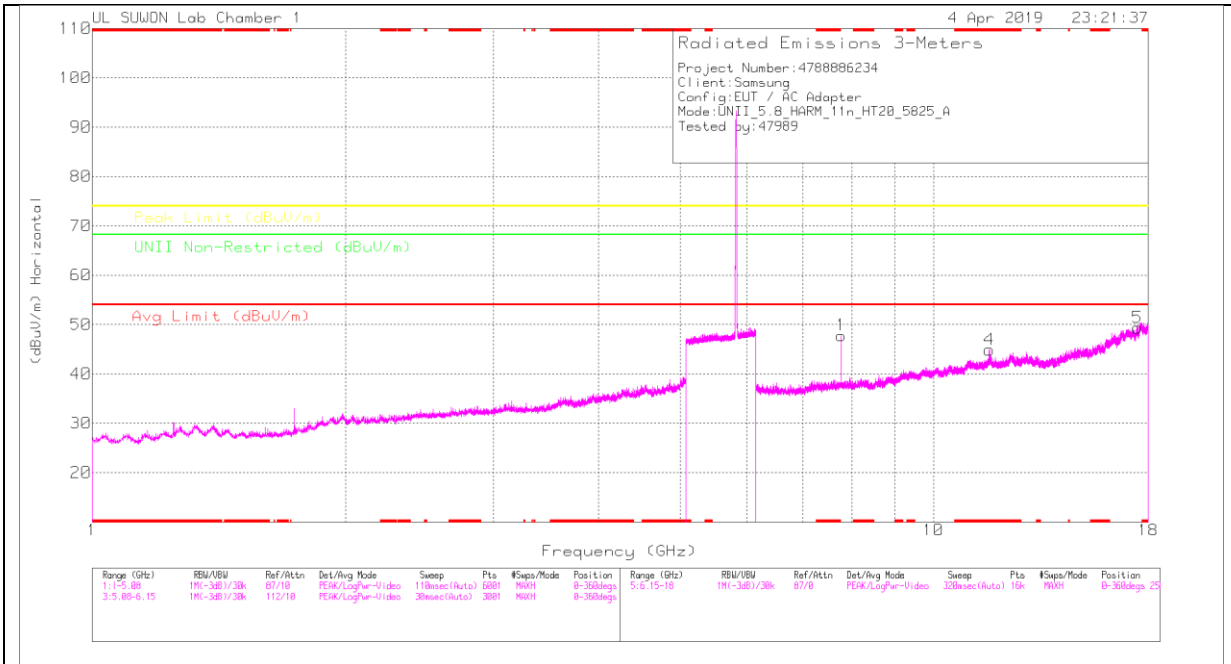
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

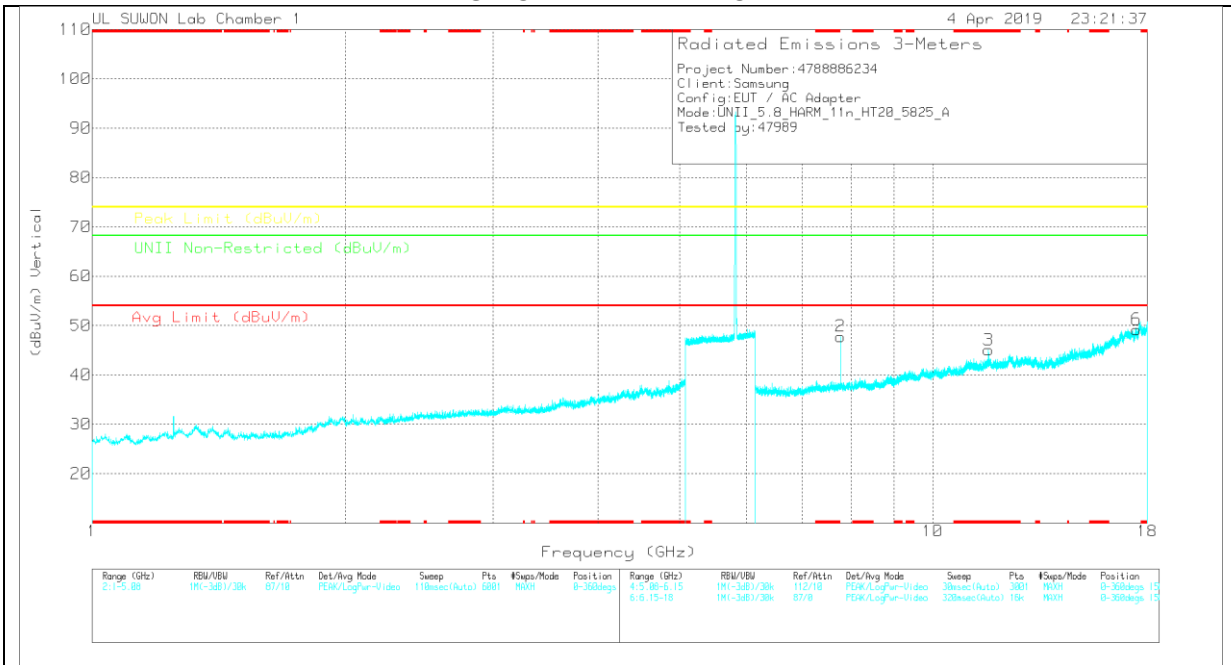
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 7.713	43.29	PK-U	35.9	-26.6	0	52.59	-	-	74	-21.41	-	-	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_00108717	5GHz_HF(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)	Asimuth (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_00108717	5GHz_HF(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)	Asimuth (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

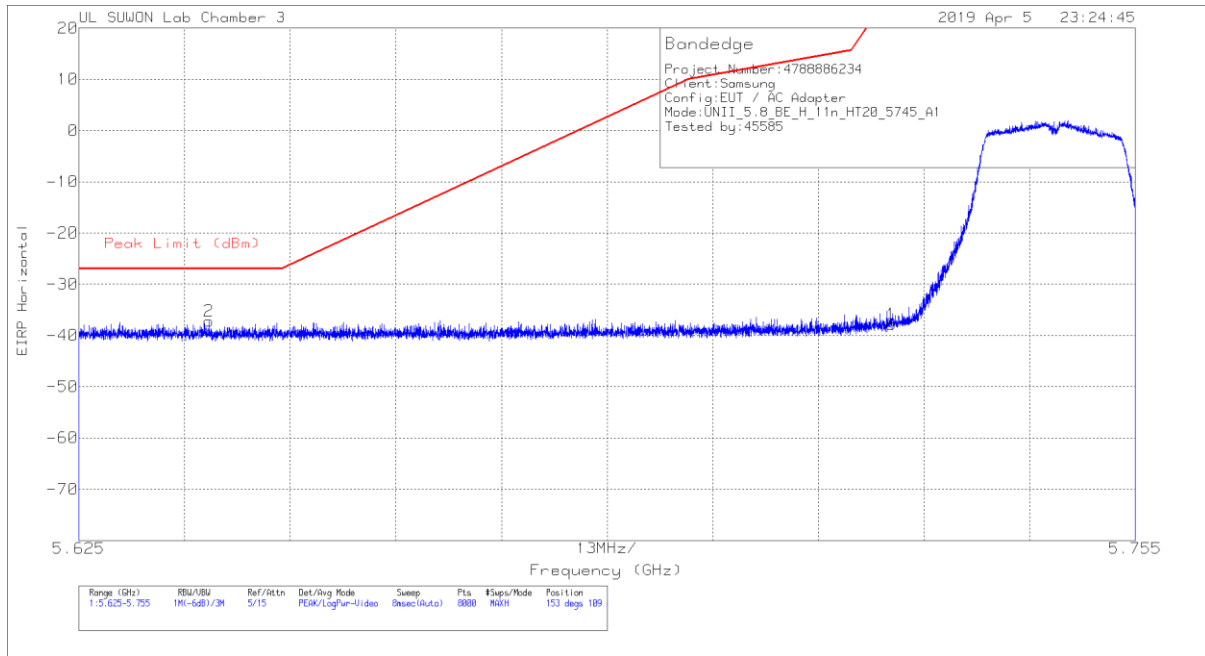
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

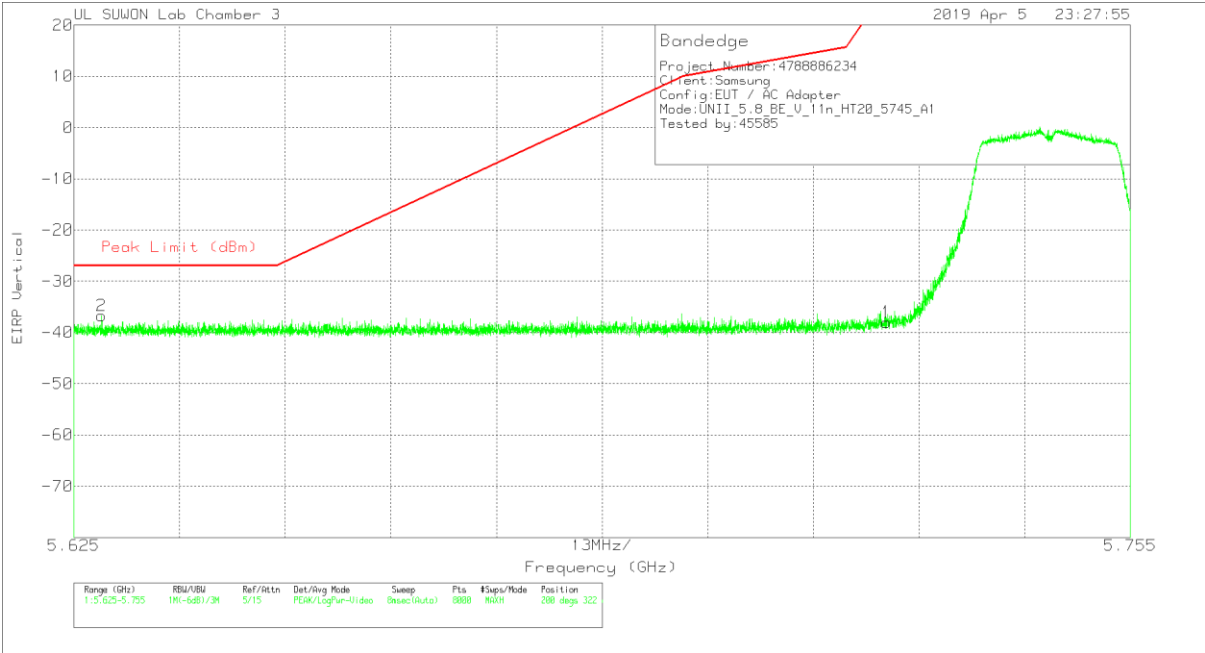


Trace Markers

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



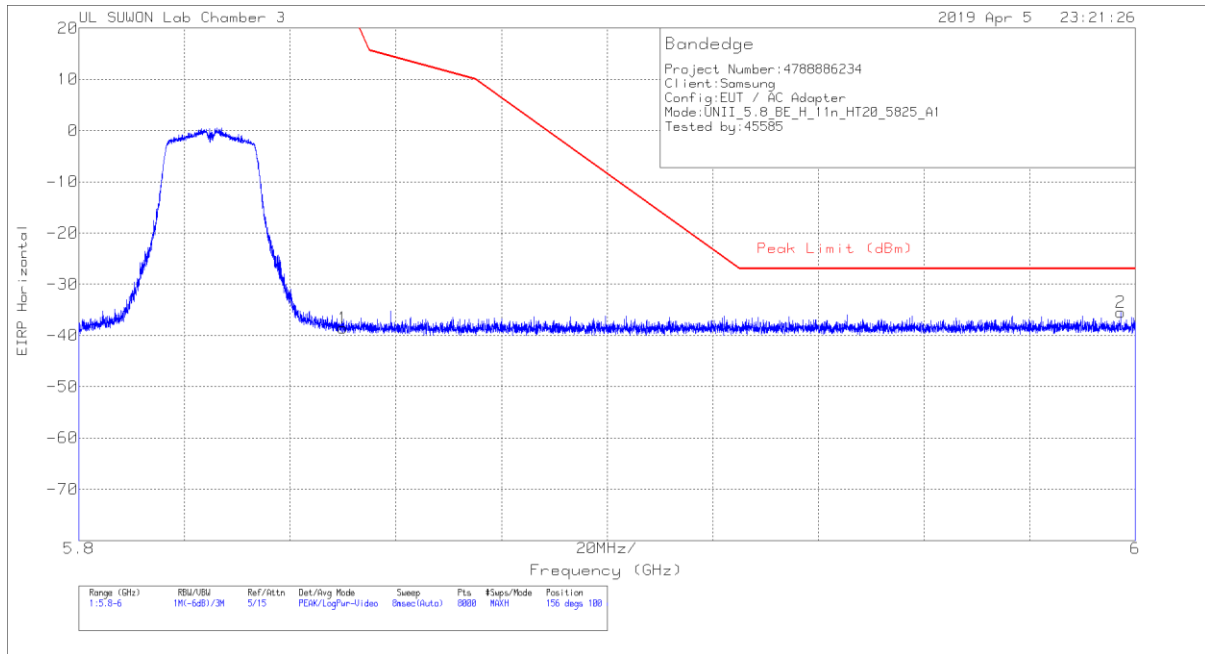
Trace Markers

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

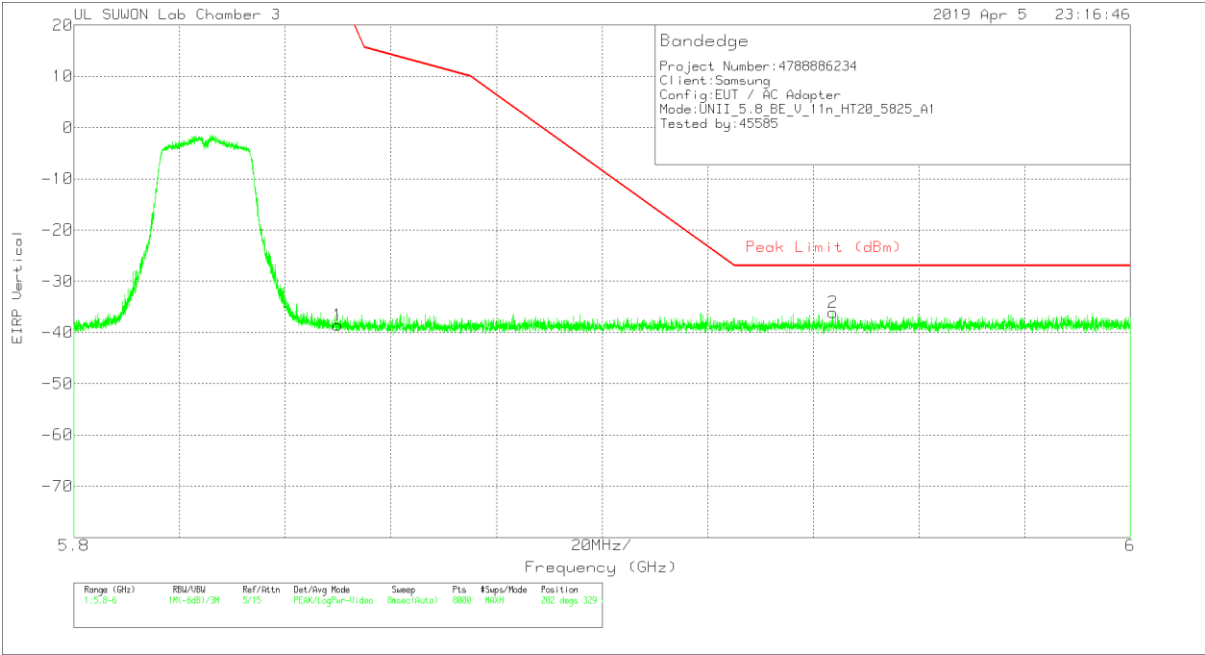


Trace Markers

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

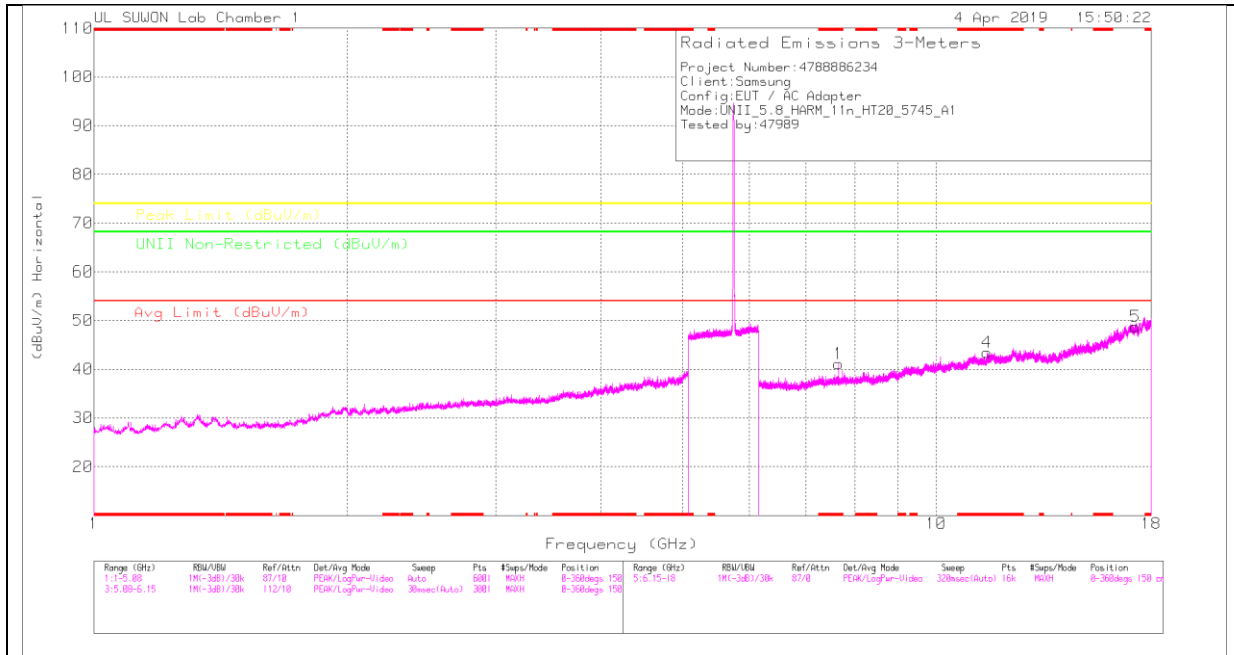


Trace Markers

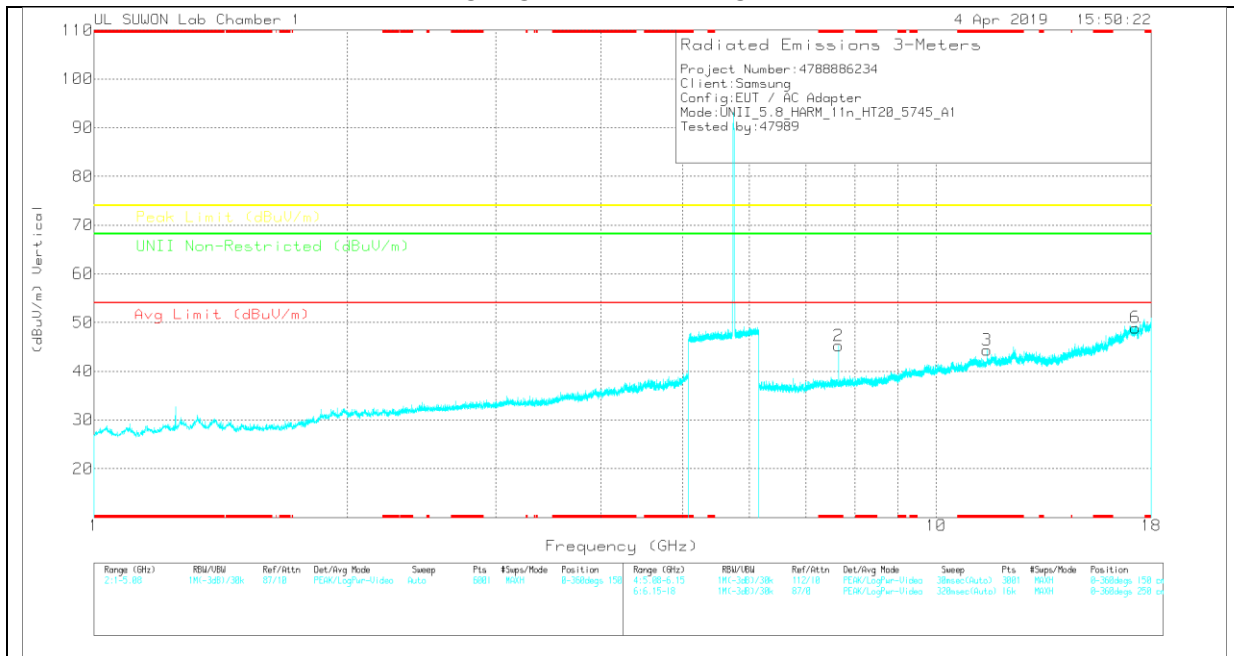
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.61	Pk	35	-17.7	11.8	0	-38.51	26.99	-65.5	202	329	V
2	5.944	-65.3	Pk	35.1	-17.7	11.8	0	-36.1	-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 (dBμV)	Det	3117_00188717	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBμV/m)	Avg Limit (dBμV/m)	Margin (dB)	Peak Limit (dBμV/m)	Margin (dB)	ULN Non-Restricted (dBμV/m)	Margin (dB)	Asimuth (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

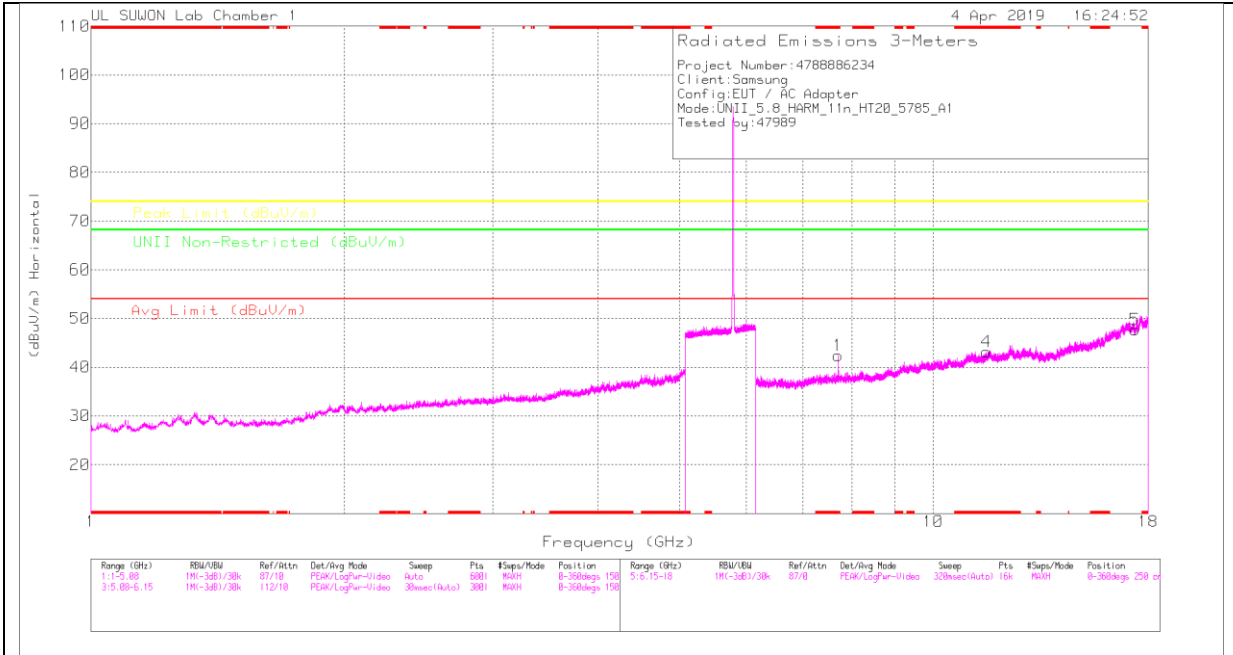
Frequency (GHz)	Meter Reading (dBμV)	Det	3117_00188717	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBμV/m)	Avg Limit (dBμV/m)	Margin (dB)	Peak Limit (dBμV/m)	Margin (dB)	ULN Non-Restricted (dBμV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 7.66	41.11	PK-U	35.8	-26.9	0	50.01	-	-	74	-23.99	-	-	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

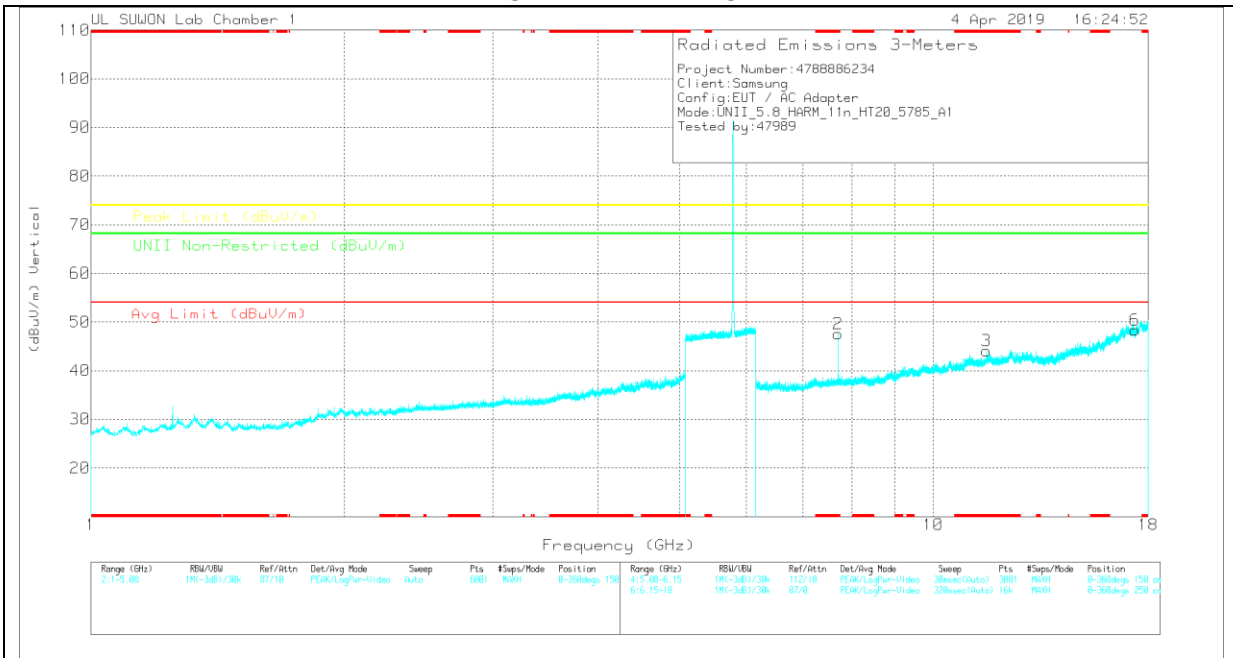
PK-U - U-NII: Maximum Peak

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_00188717	6GHz_HF(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

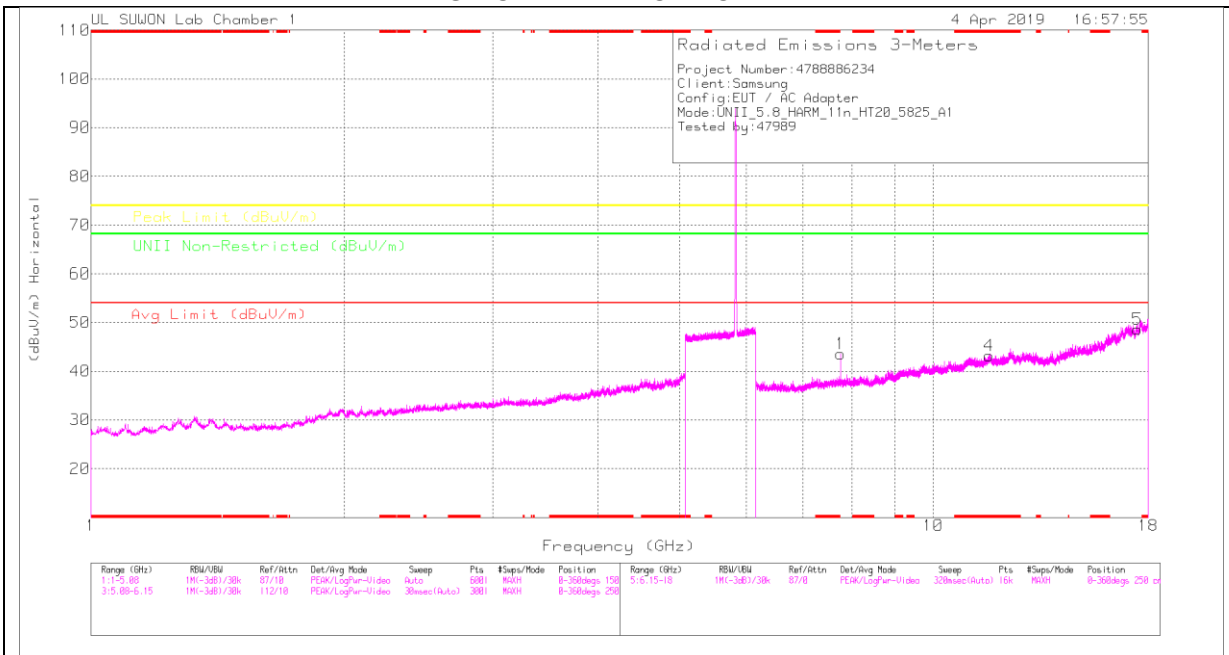
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00188717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.713	41.3	PK-U	35.9	-26.6	0	50.6	-	-	74	-23.4	-	-	1	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

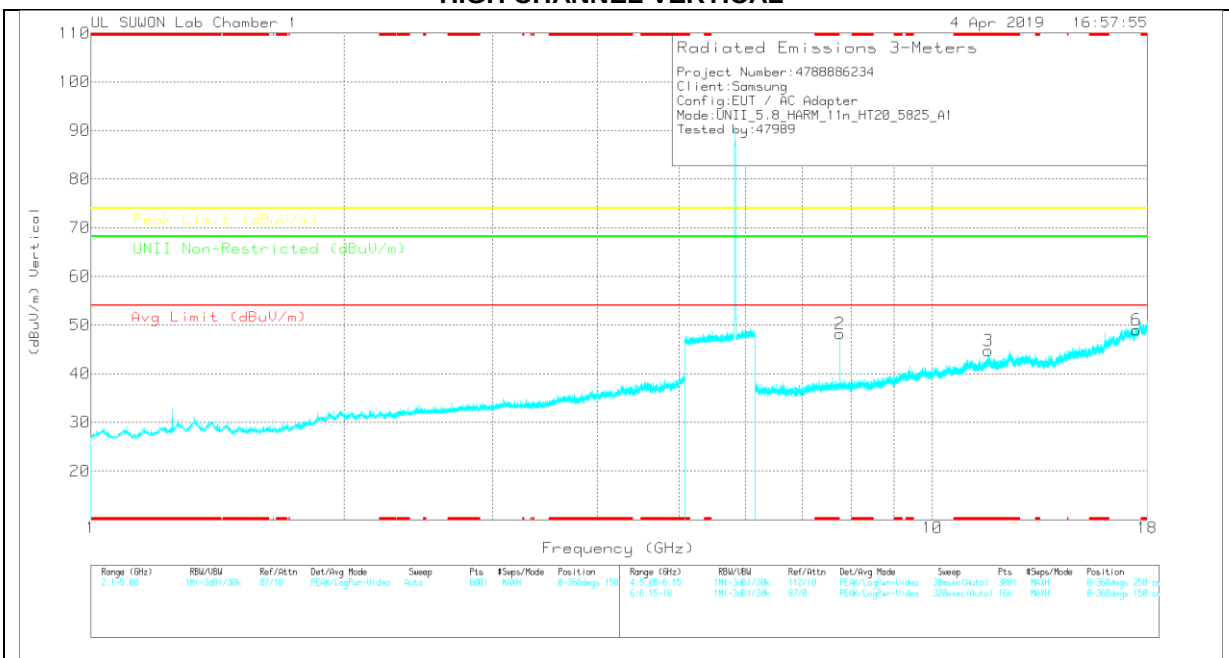
PK-U - U-NII: Maximum Peak

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 (dBμV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBμV/m)	Avg Limit (dBμV/m)	Margin (dB)	Peak Limit (dBμV/m)	Margin (dB)	UNII Non-Restricted (dBμV/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 (dBμV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBμV/m)	Avg Limit (dBμV/m)	Margin (dB)	Peak Limit (dBμV/m)	Margin (dB)	UNII Non-Restricted (dBμV/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

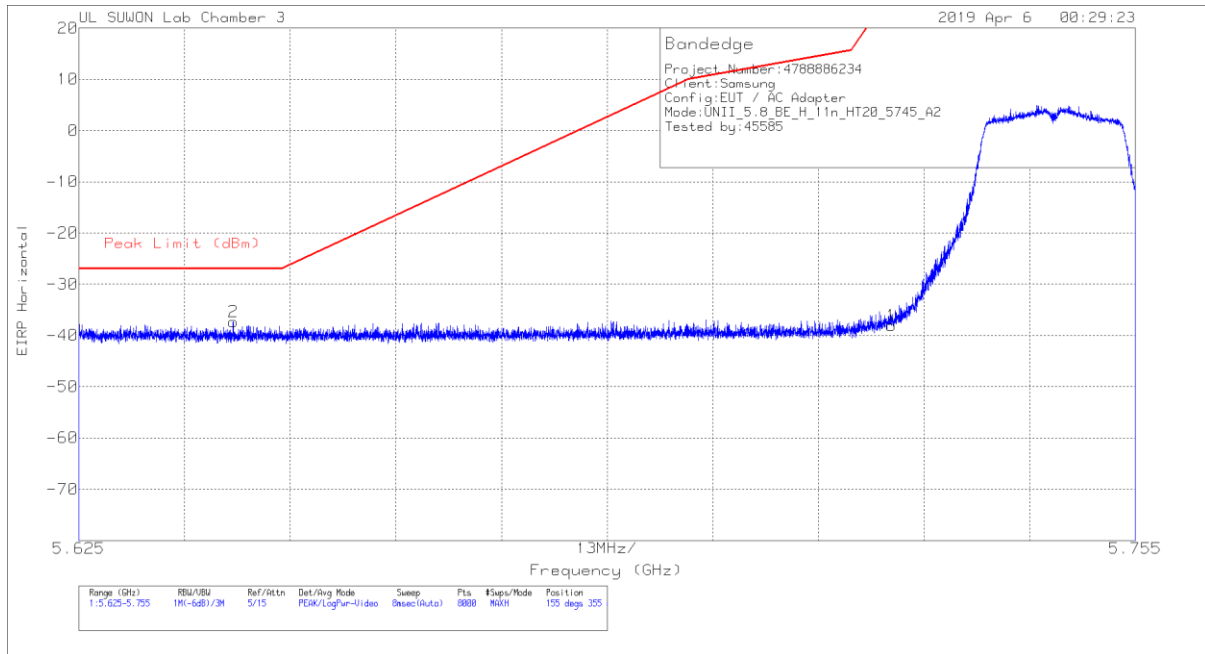
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

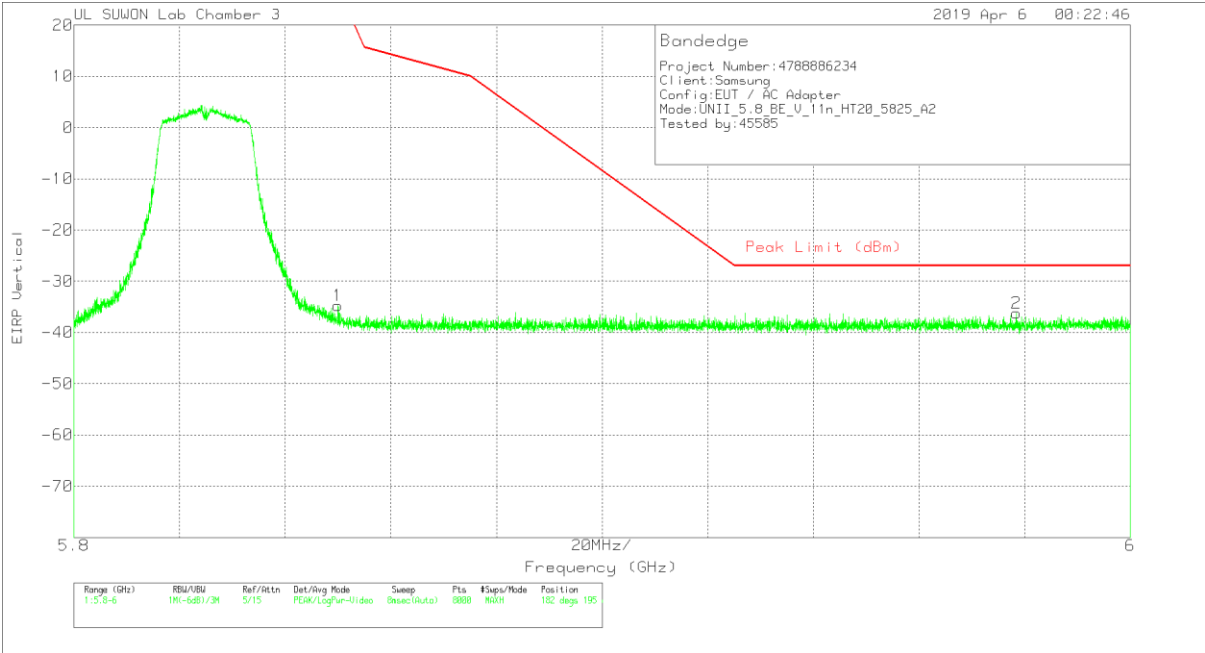


Trace Markers

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



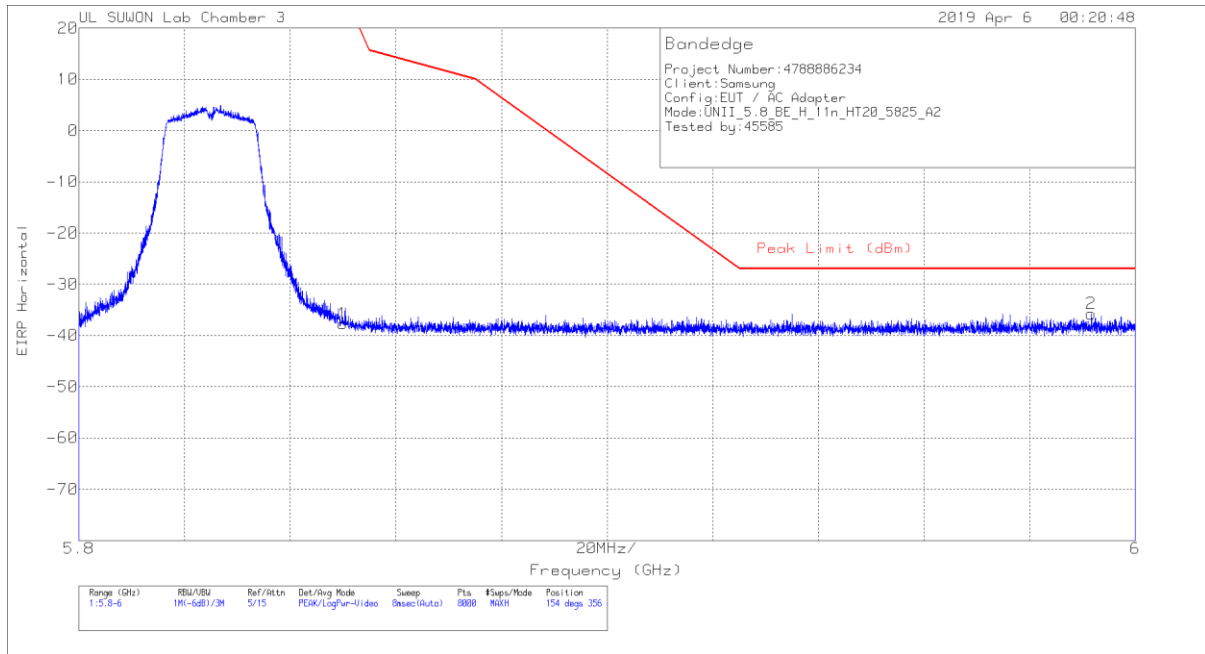
Trace Markers

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

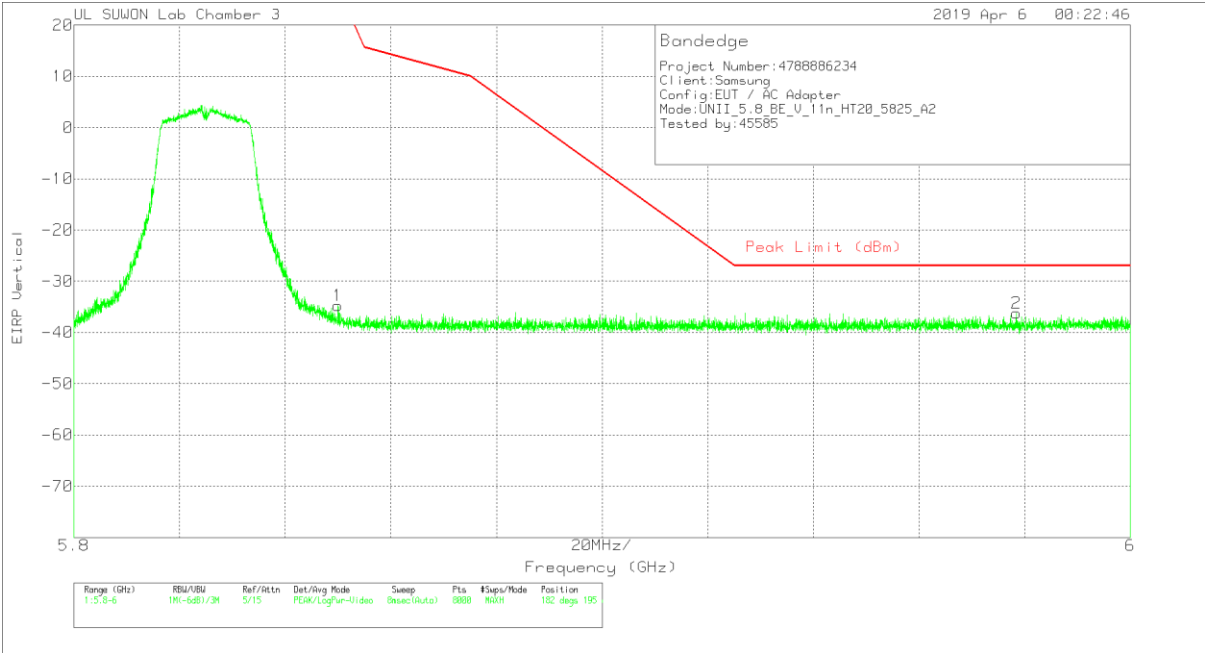


Trace Markers

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

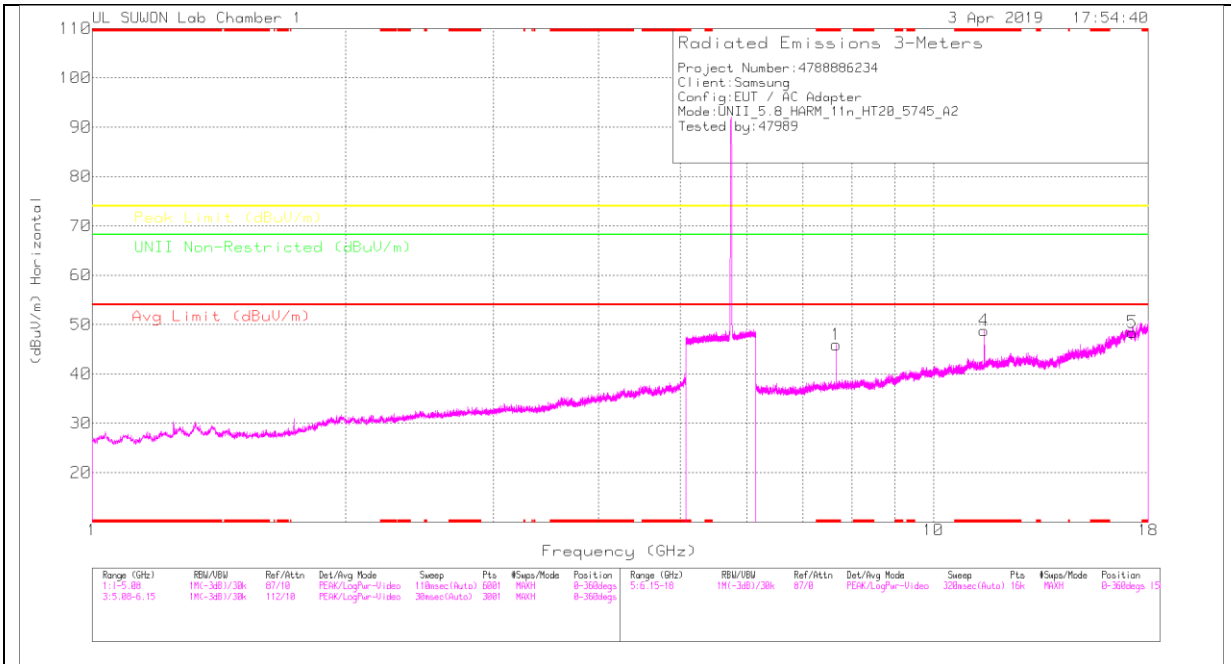


Trace Markers

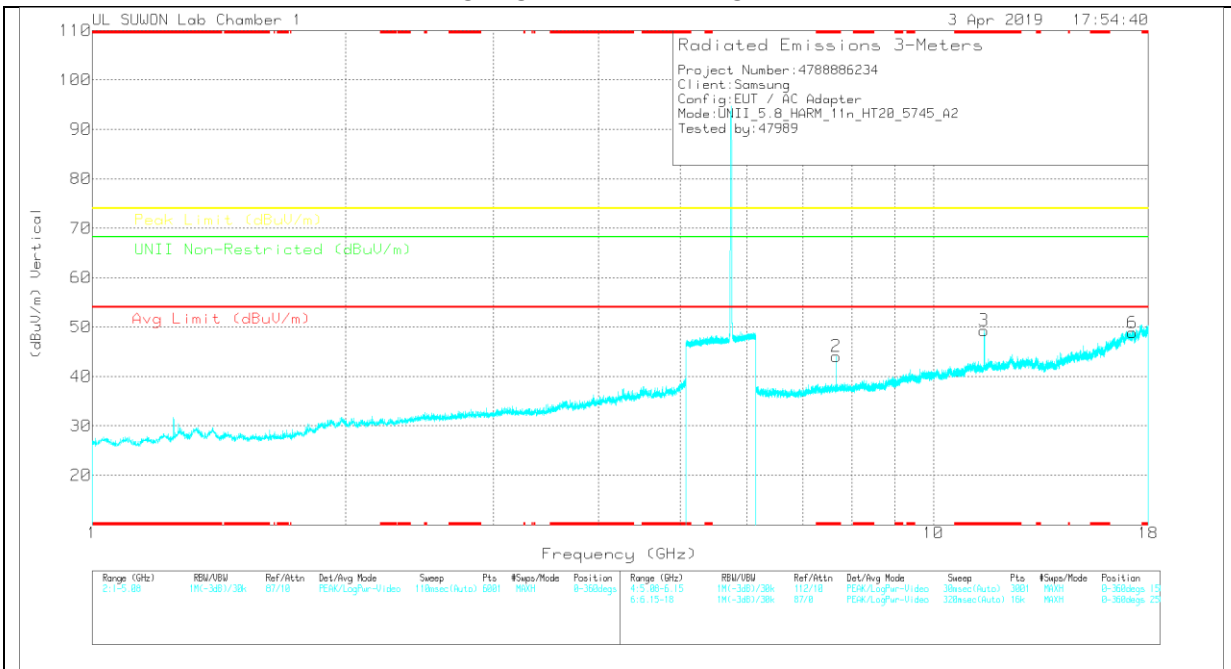
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-63.87	Pk	35	-17.7	11.8	0	-34.77	26.99	-61.76	182	195	V
2	5.978	-65.36	Pk	35.1	-17.7	11.8	0	-36.16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

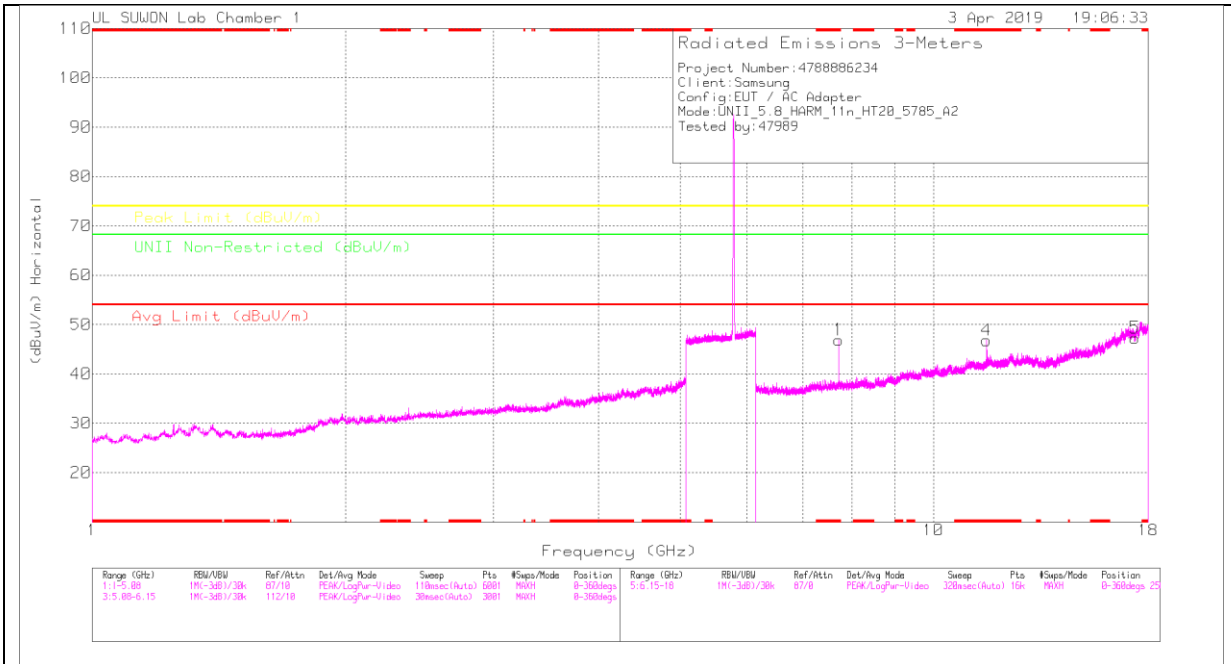
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNR Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 7.66	43.19	PK-U	35.8	-26.9	0	52.09	-	-	74	-21.91	-	-	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

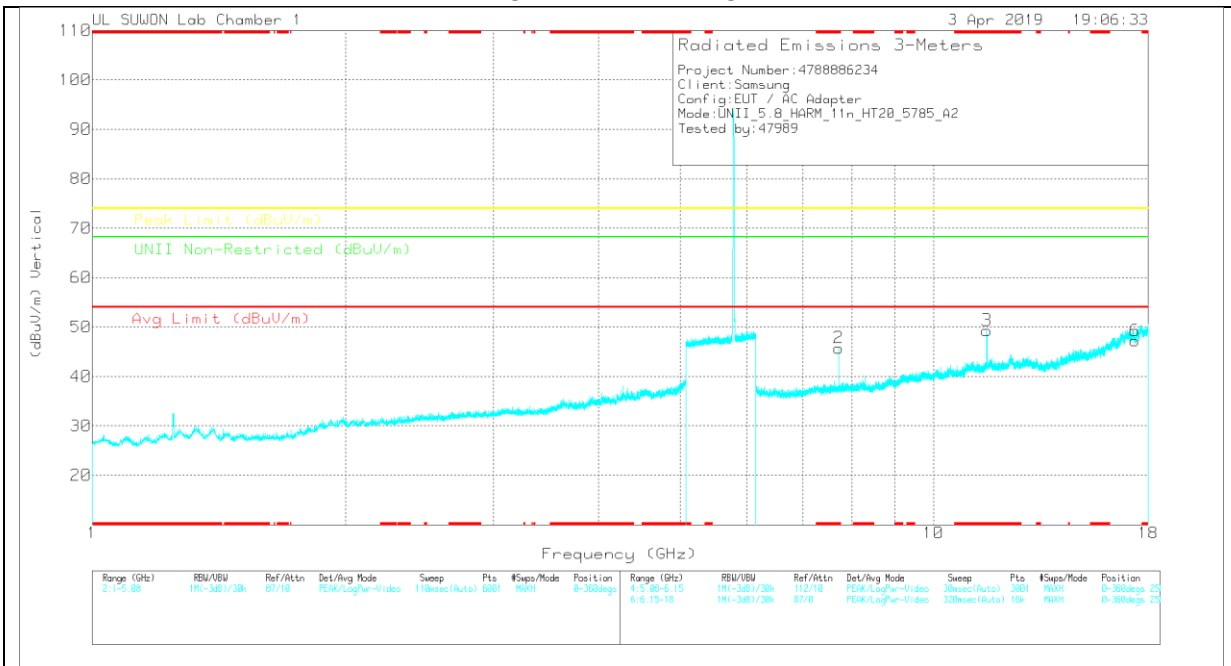
PK-U - U-NII: Maximum Peak

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 (dBm)	Det	3117_00168717	6GHz_HF(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)	Asimuth (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

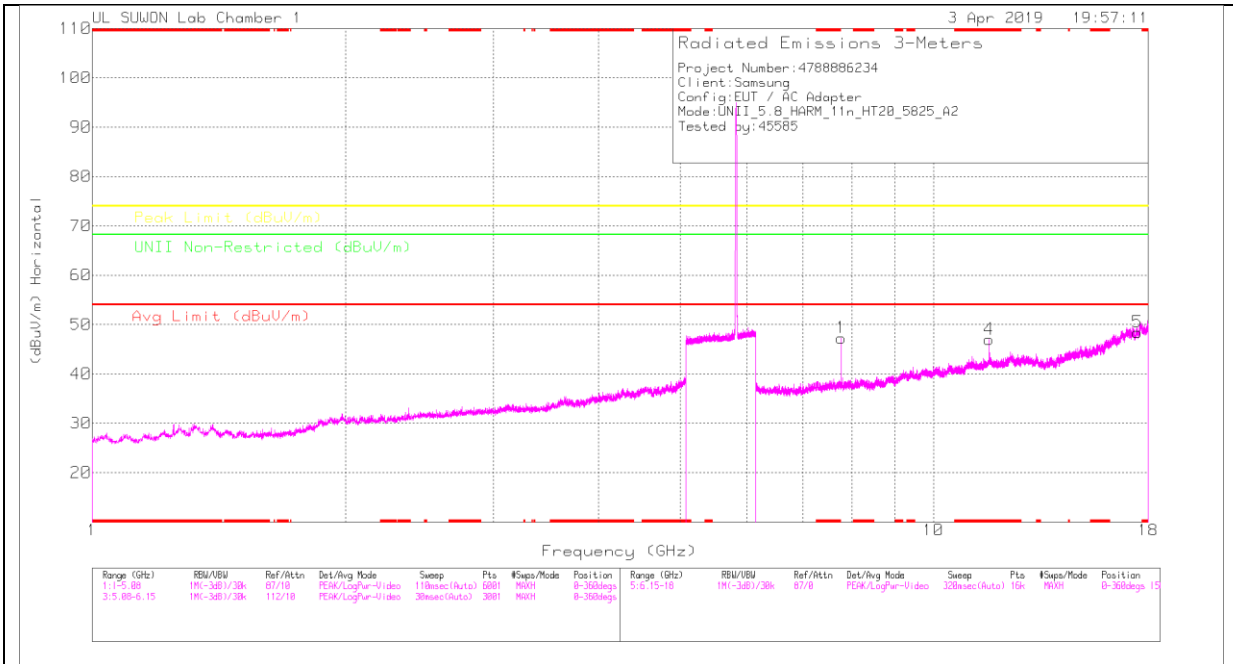
Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 7.713	43.98	PK-U	35.9	-26.6	0	53.26	-	-	74	-20.72	-	-	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

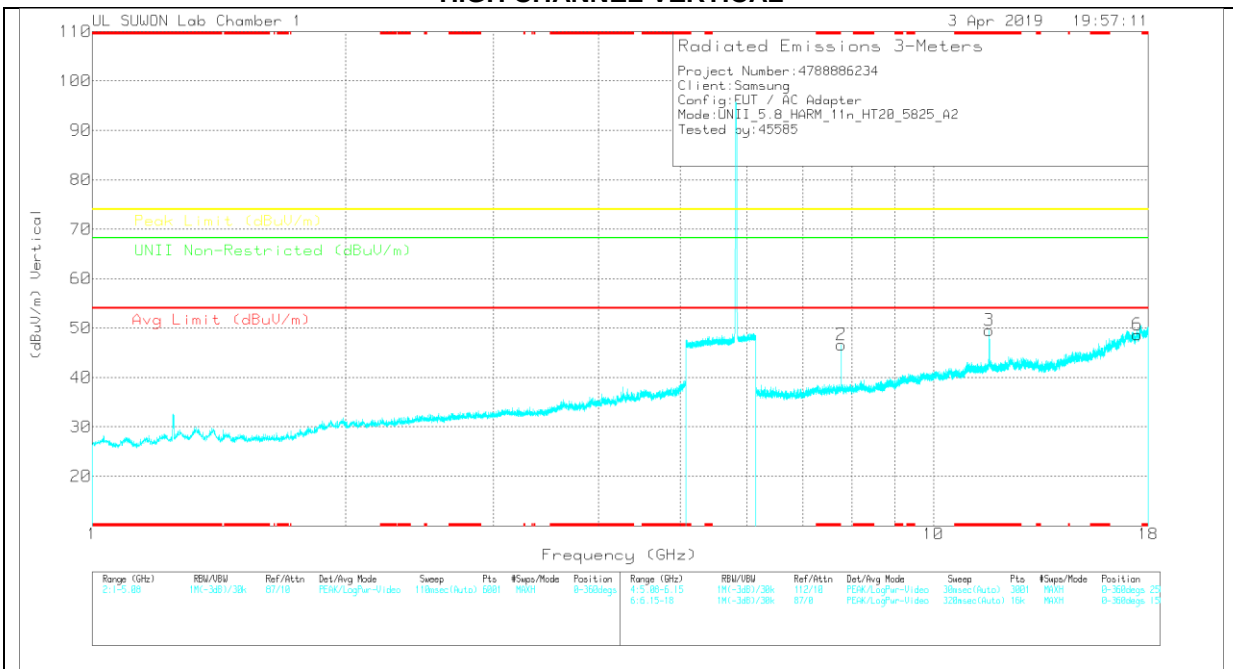
PK-U - U-NII: Maximum Peak

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_00108717	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit 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

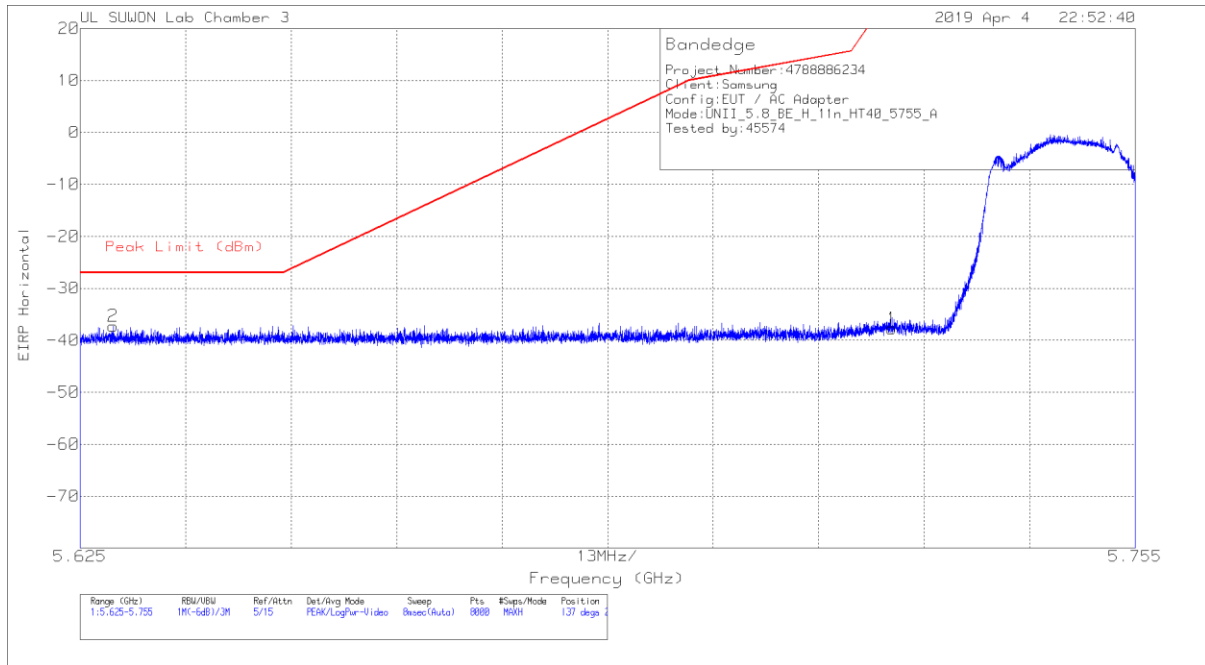
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00108717	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit 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

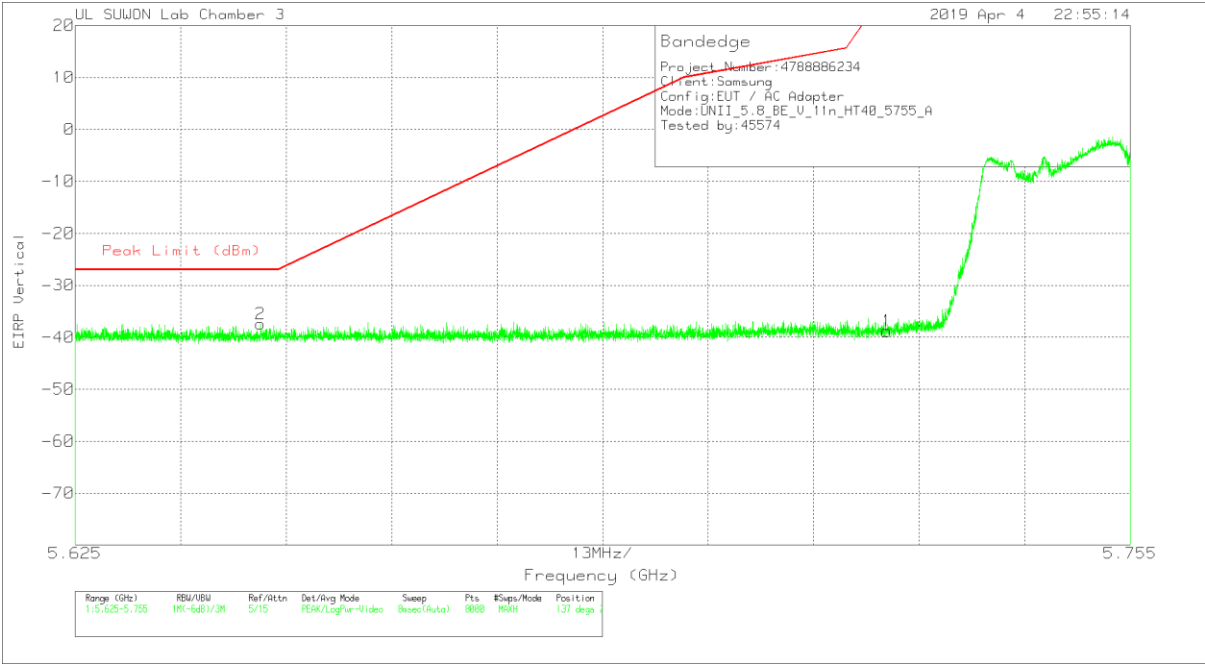


Trace Markers

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



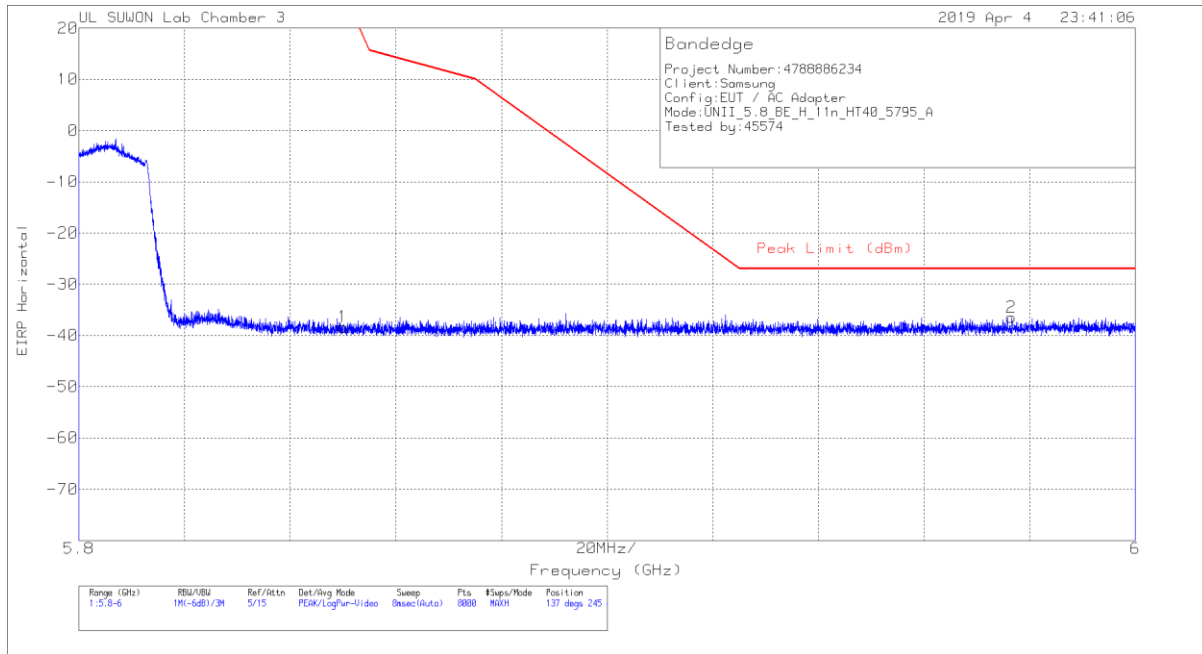
Trace Markers

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

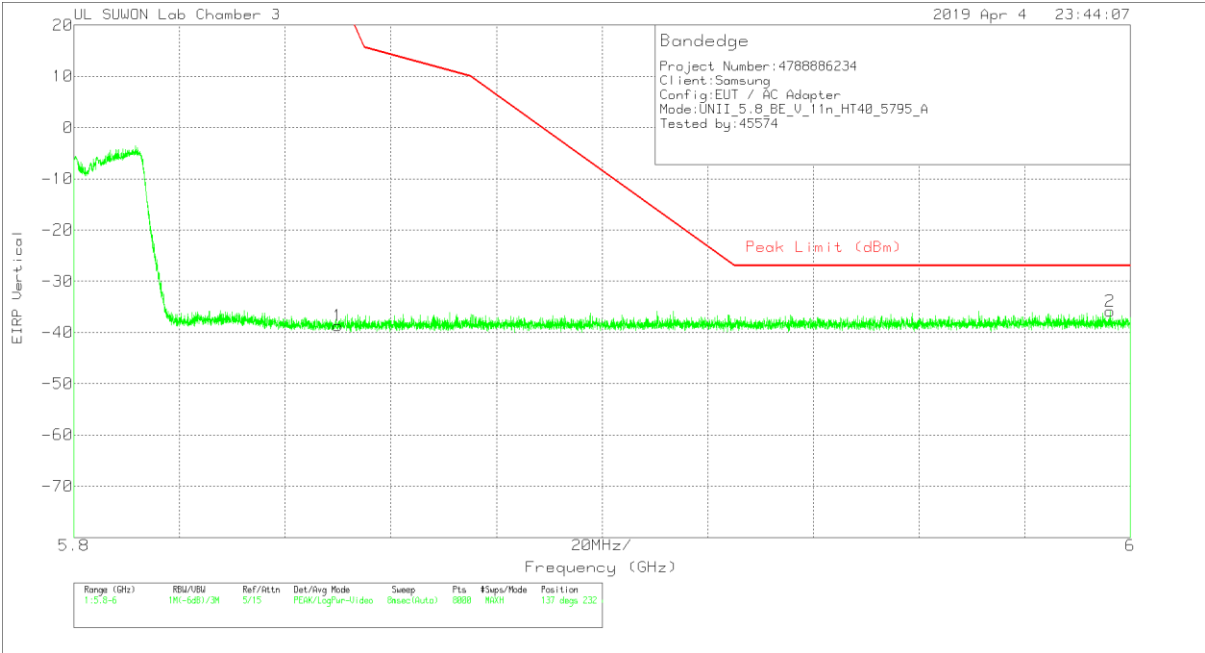


Trace Markers

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

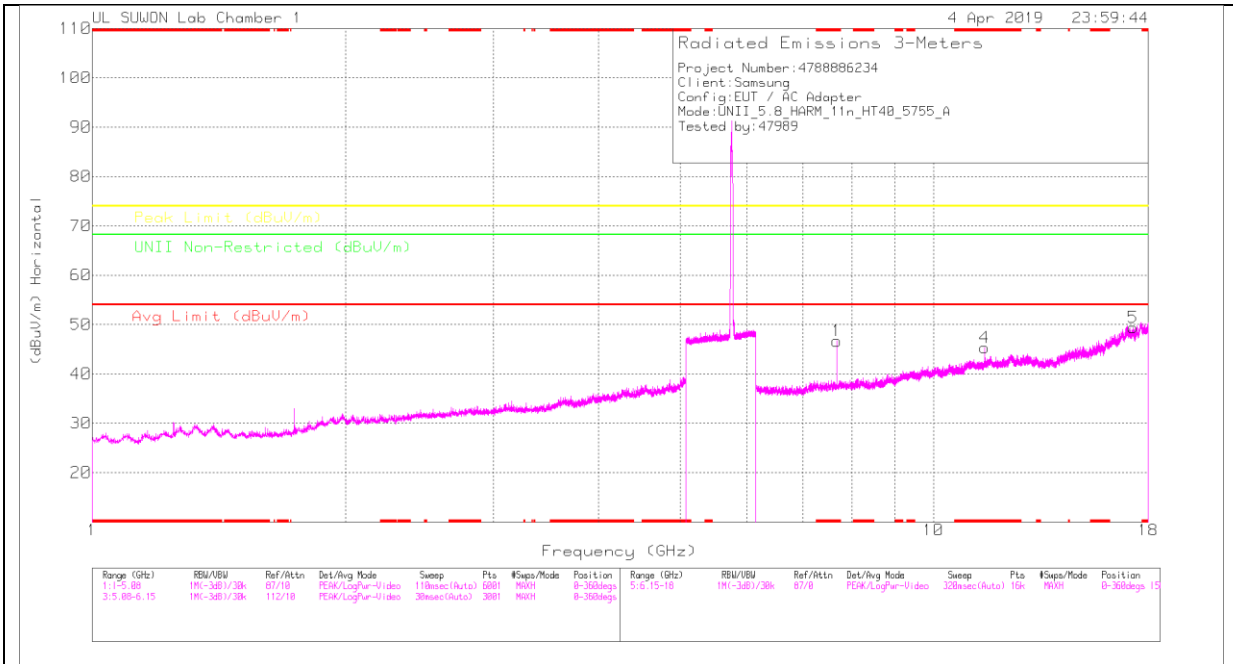


Trace Markers

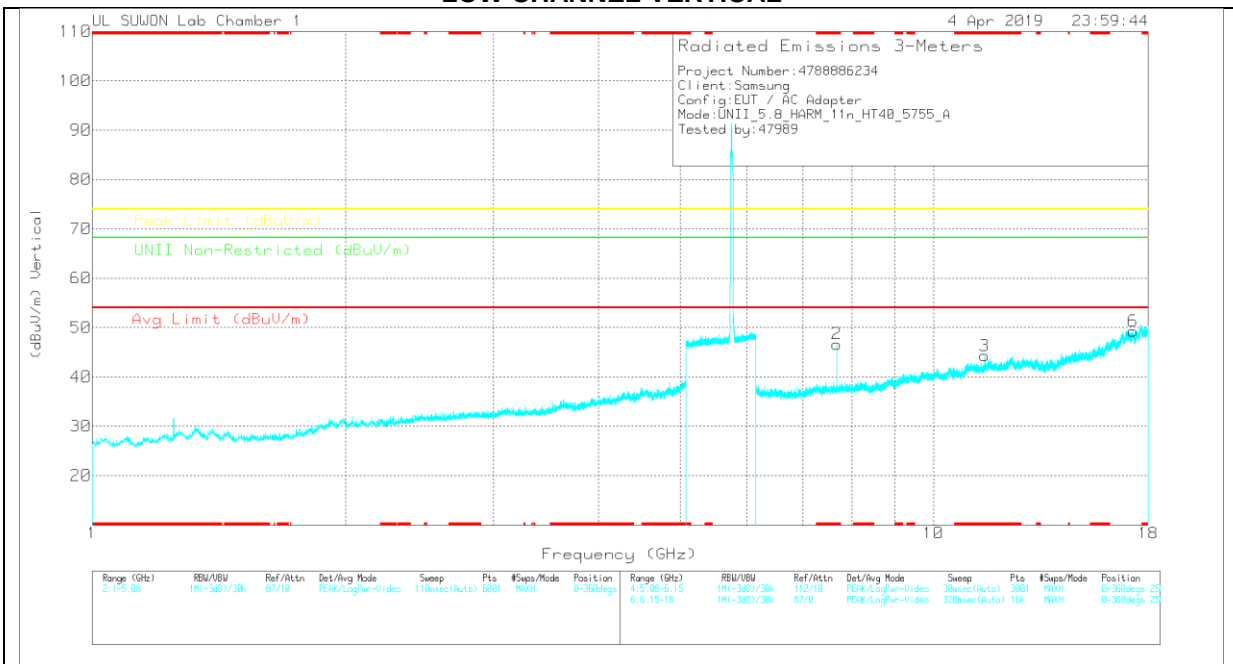
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_0020595 9	10dB[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.79	Pk	35	-17.7	11.8	-38.69	26.99	-65.68	137	232	V
2	5.996	-65.18	Pk	35.1	-17.6	11.8	-35.88	-27	-8.88	137	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_00108717	6GHz_HF(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)	Altitude (Degs)	Height (cm)	Polarity
1	* 7.673	37.68	PK	35.9	-26.9	0	46.68	-	-	74	-27.32	-	-	-	150	H
4	* 11.51	29.11	PK	38.5	-22.3	0	45.31	-	-	74	-28.69	-	-	-	150	H
5	17.268	24.56	PK	41.3	-16.5	0	49.36	-	-	-	-	68.2	-18.84	-	150	H
2	* 7.673	37.66	PK	35.9	-26.9	0	46.66	-	-	74	-27.34	-	-	-	150	V
3	* 11.51	28.08	PK	38.5	-22.3	0	44.28	-	-	74	-29.72	-	-	-	150	V
6	17.266	24.35	PK	41.3	-16.4	0	49.25	-	-	-	-	68.2	-18.95	-	250	V

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00108717	6GHz_HF(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)	Altitude (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