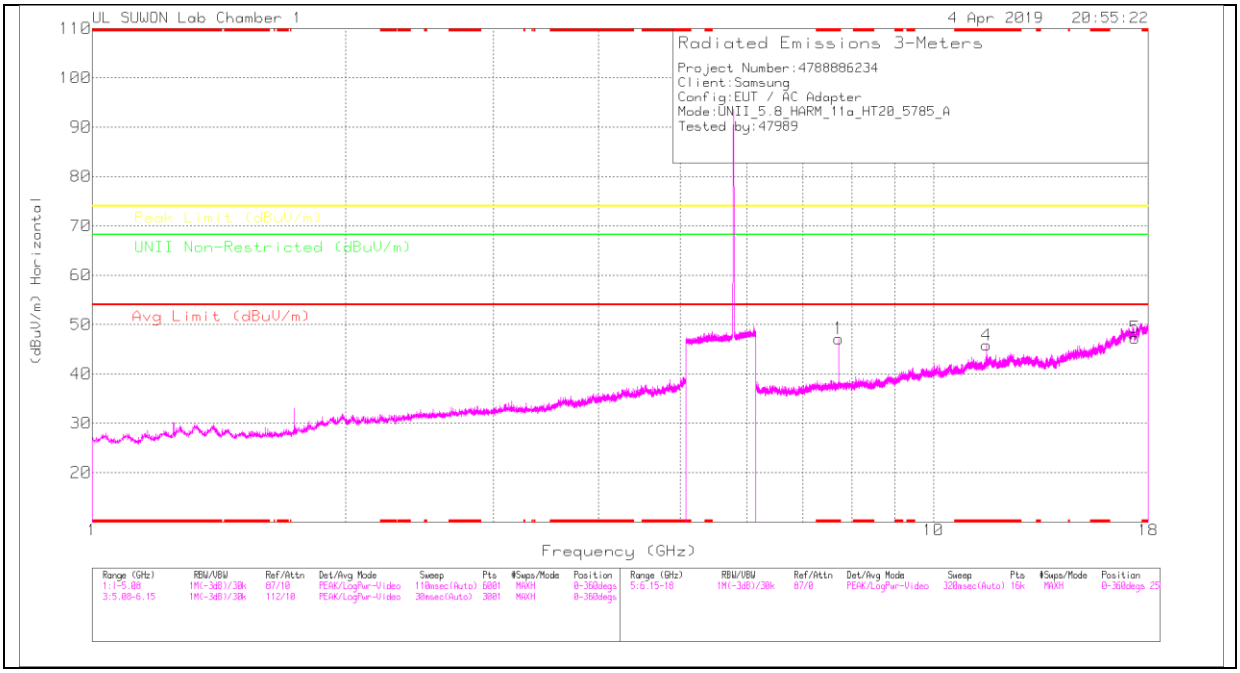
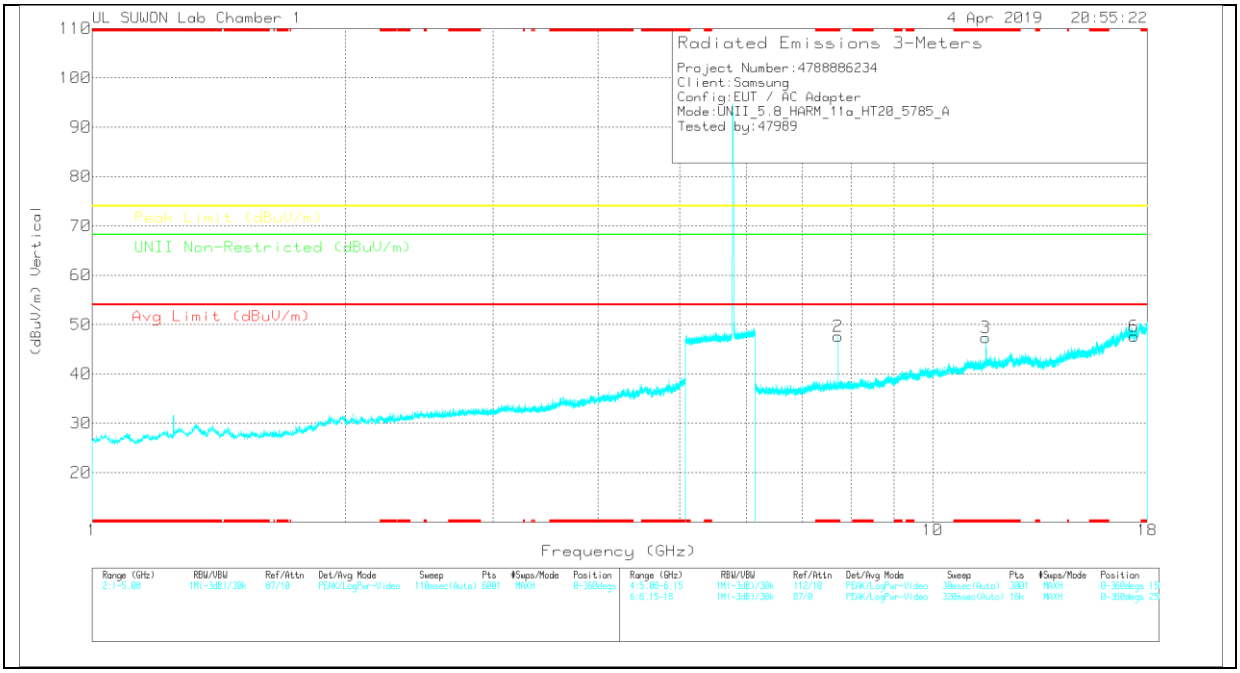
MID CHANNEL HORIZONTAL



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.

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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

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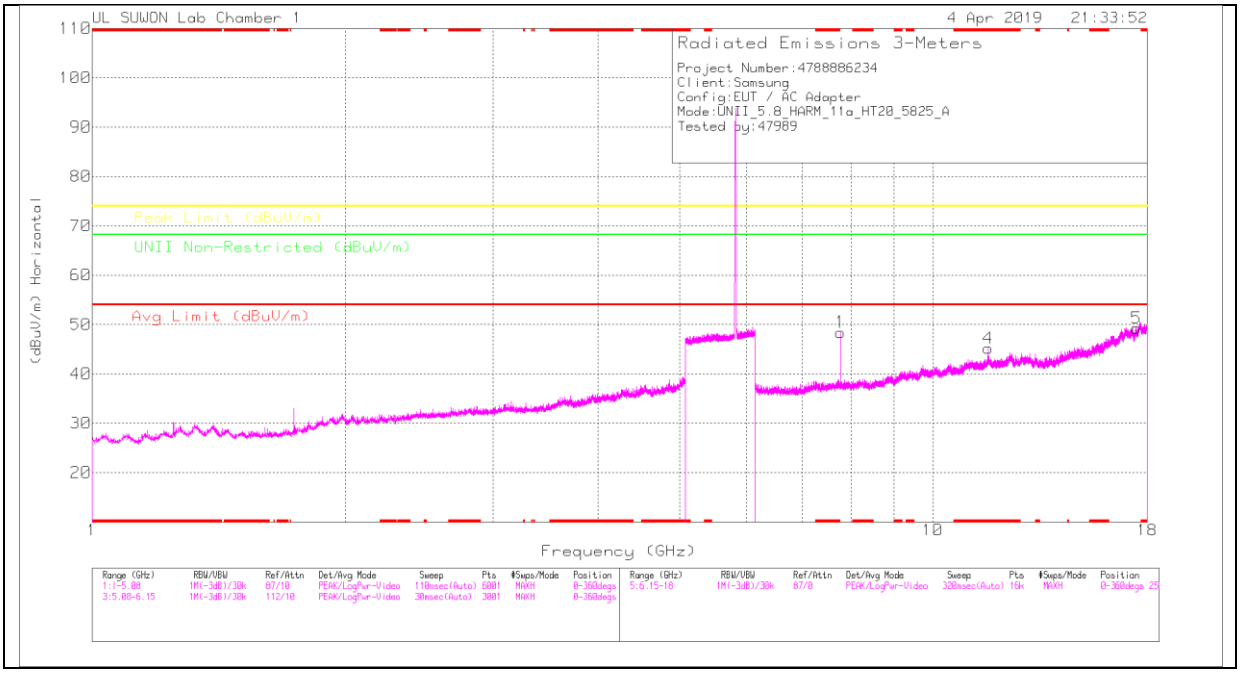
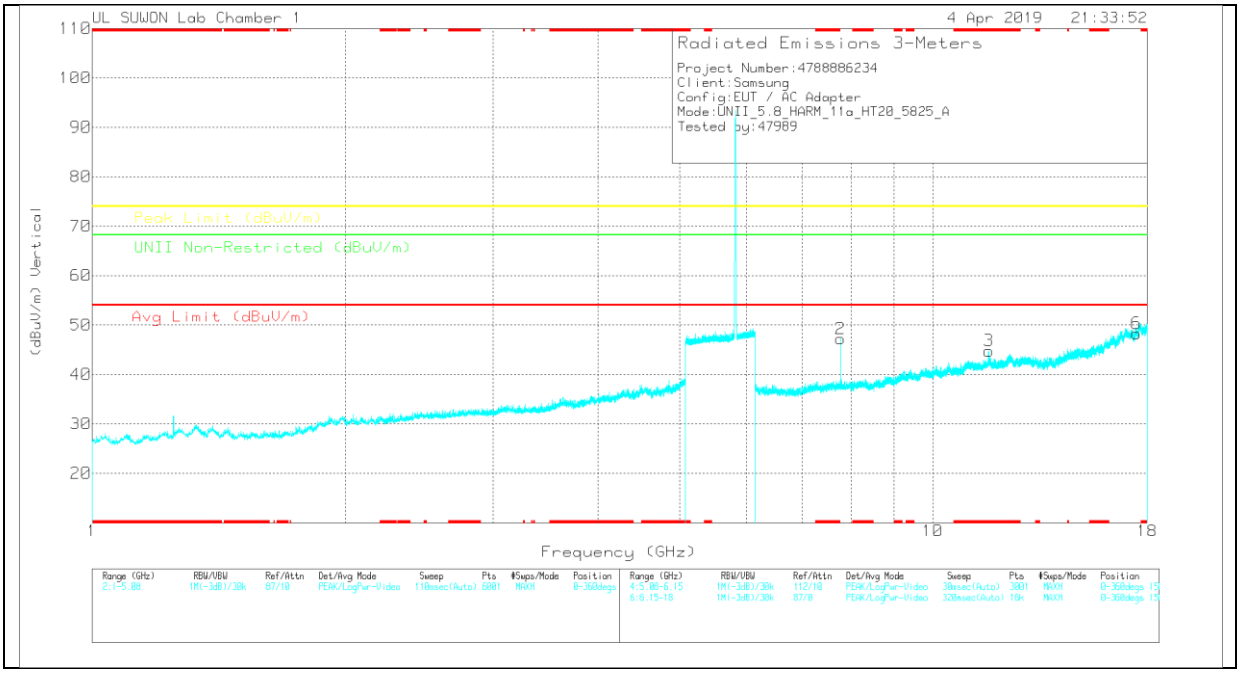
HIGH CHANNEL HORIZONTAL



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.

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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

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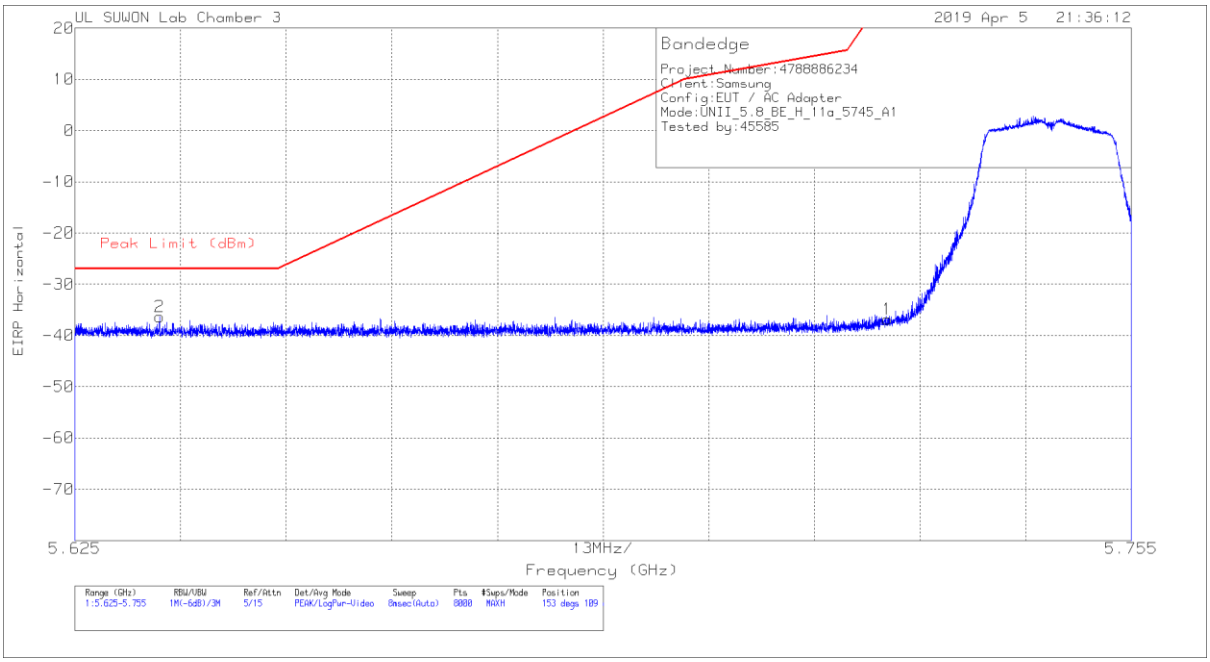
11.4.2.TX ABOVE 1GHz 802.11a 1Tx ANT1 IN THE 5.8GHz BAND BANDEDGE (LOW CHANNEL)

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

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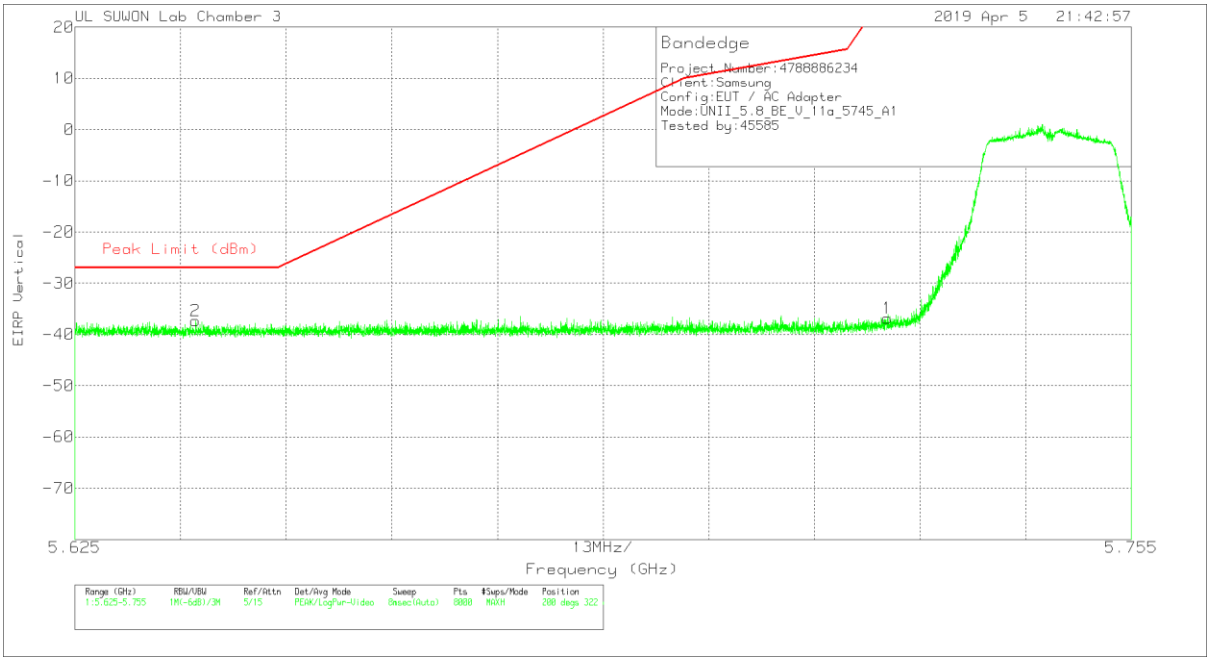
VERTICAL PEAK PLOT



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

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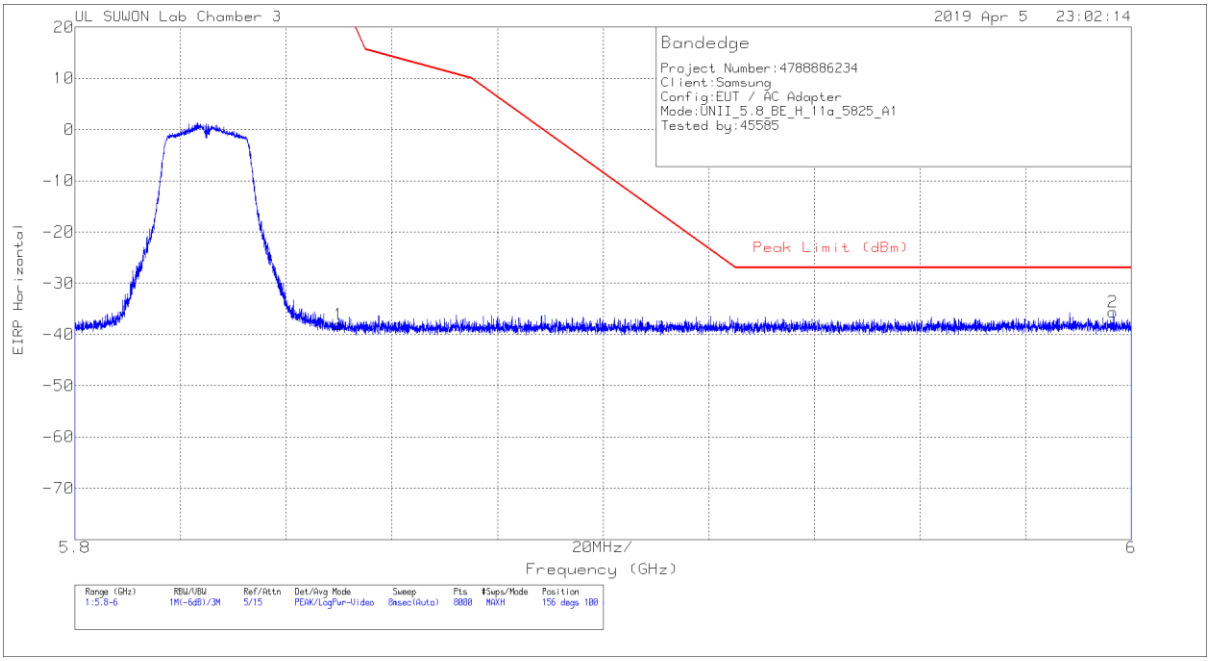
BANDEDGE (HIGH CHANNEL)

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

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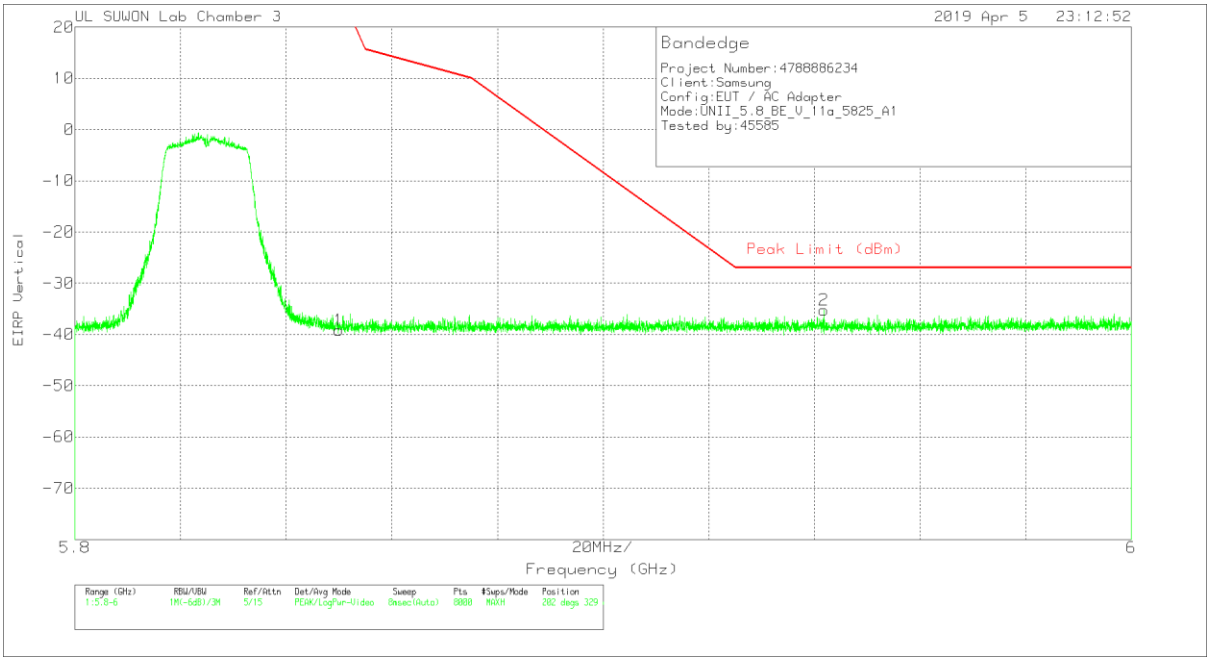
VERTICAL PEAK PLOT



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

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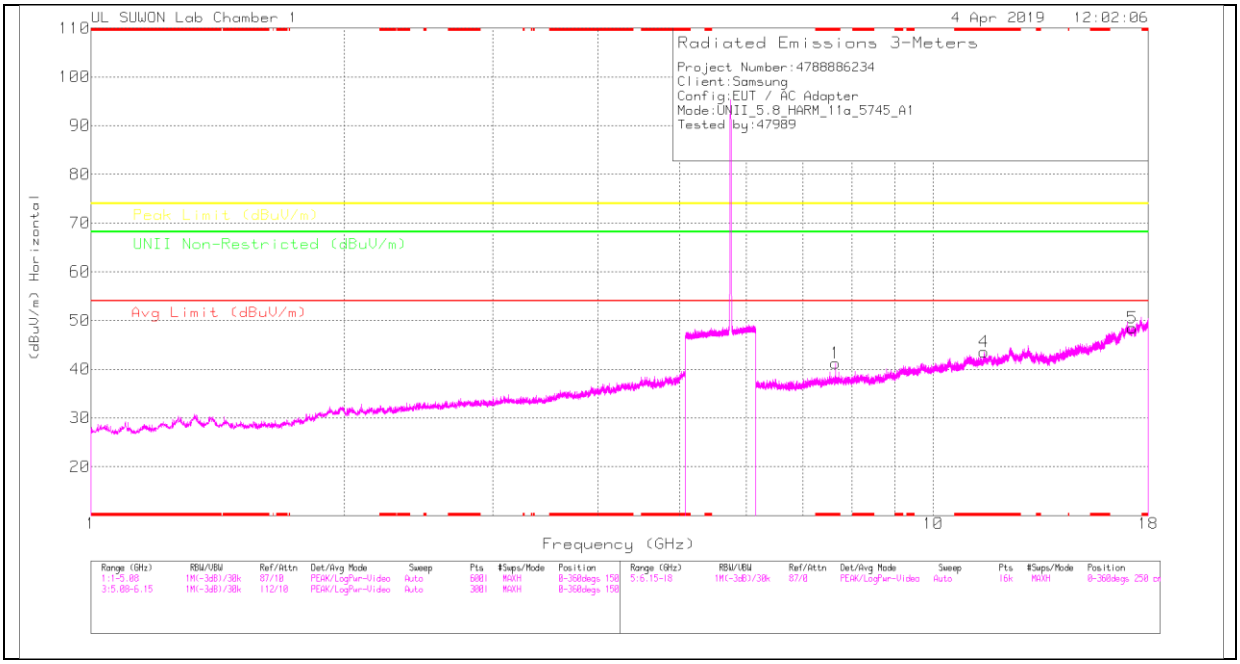
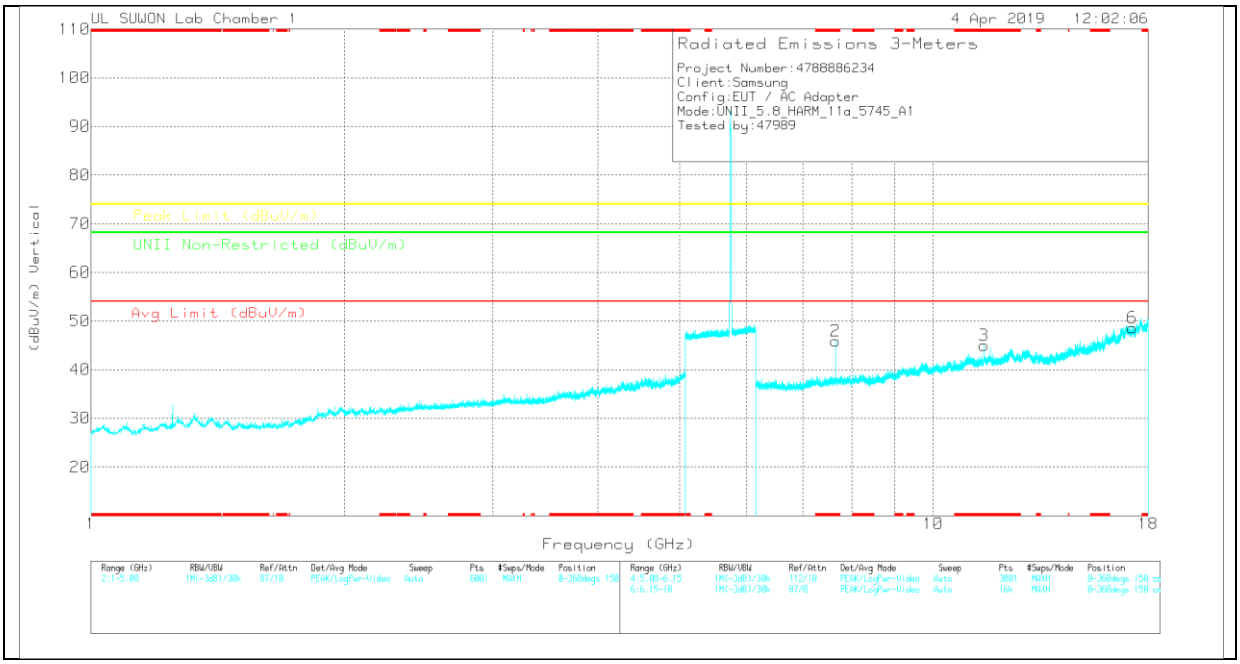
LOW CHANNEL HORIZONTAL



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.

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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

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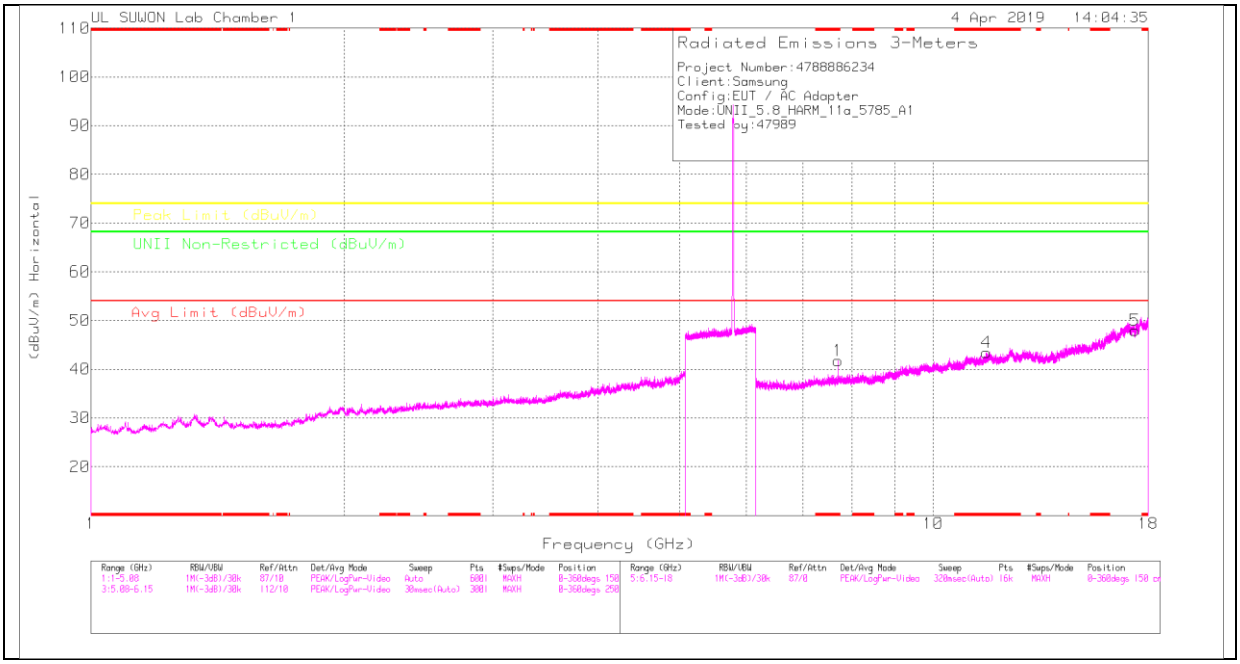
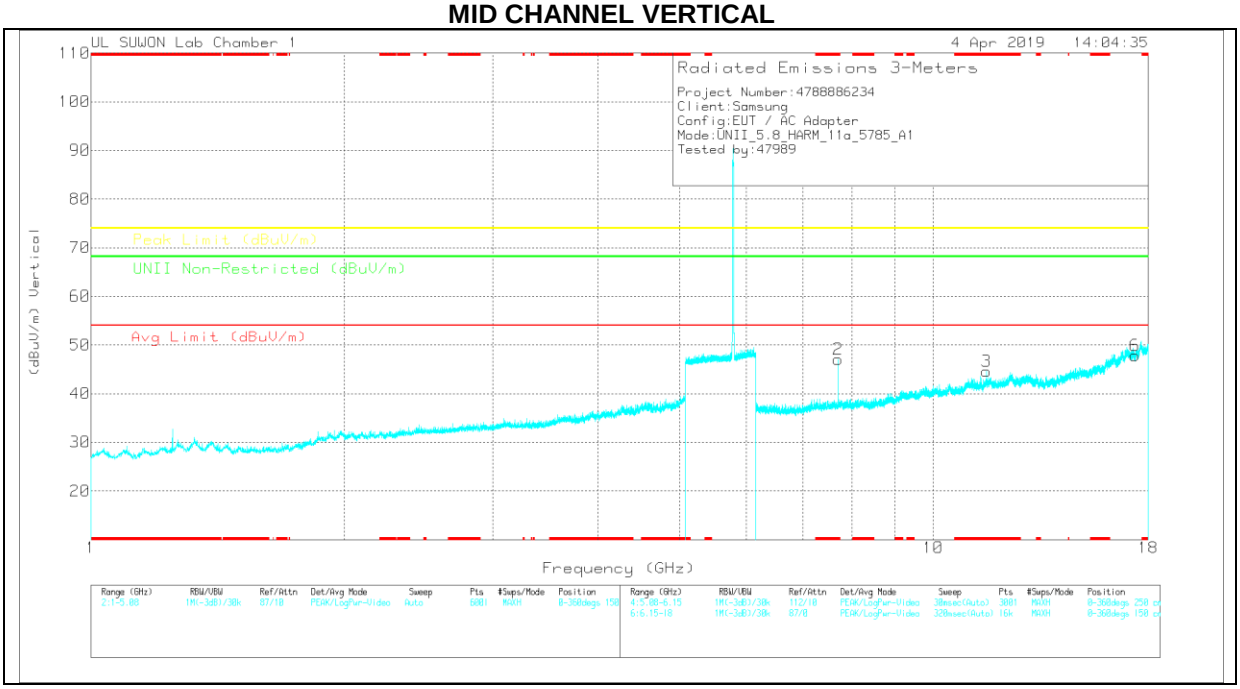
MID CHANNEL HORIZONTAL



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.

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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

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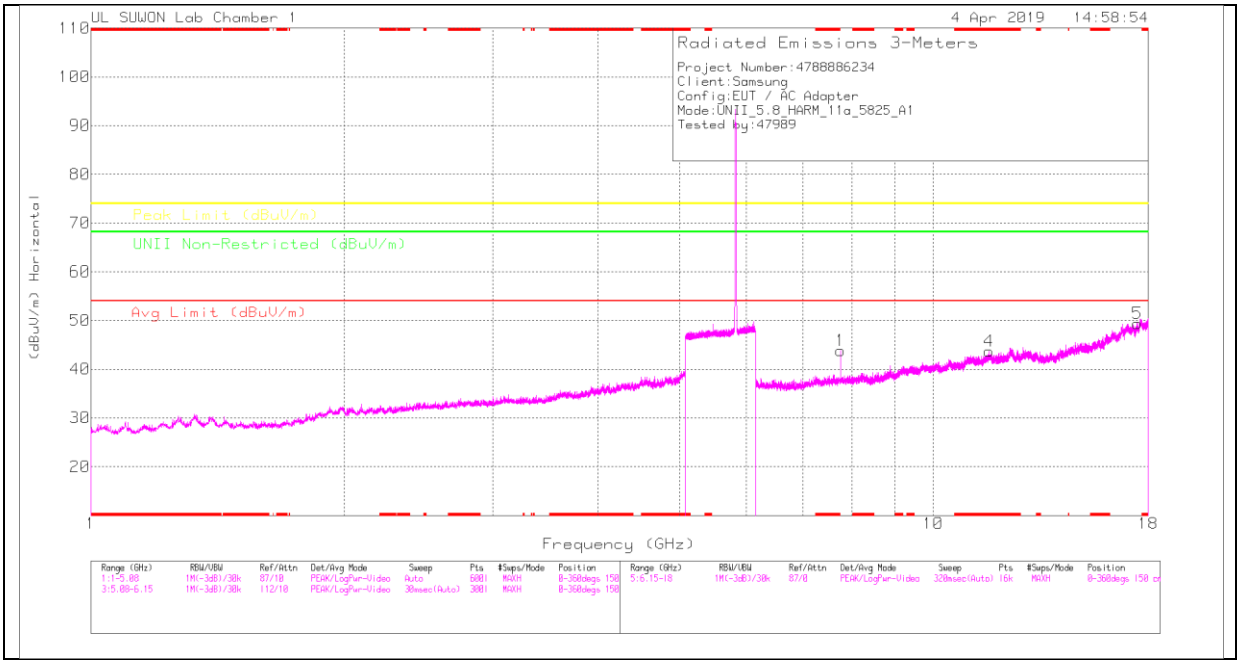
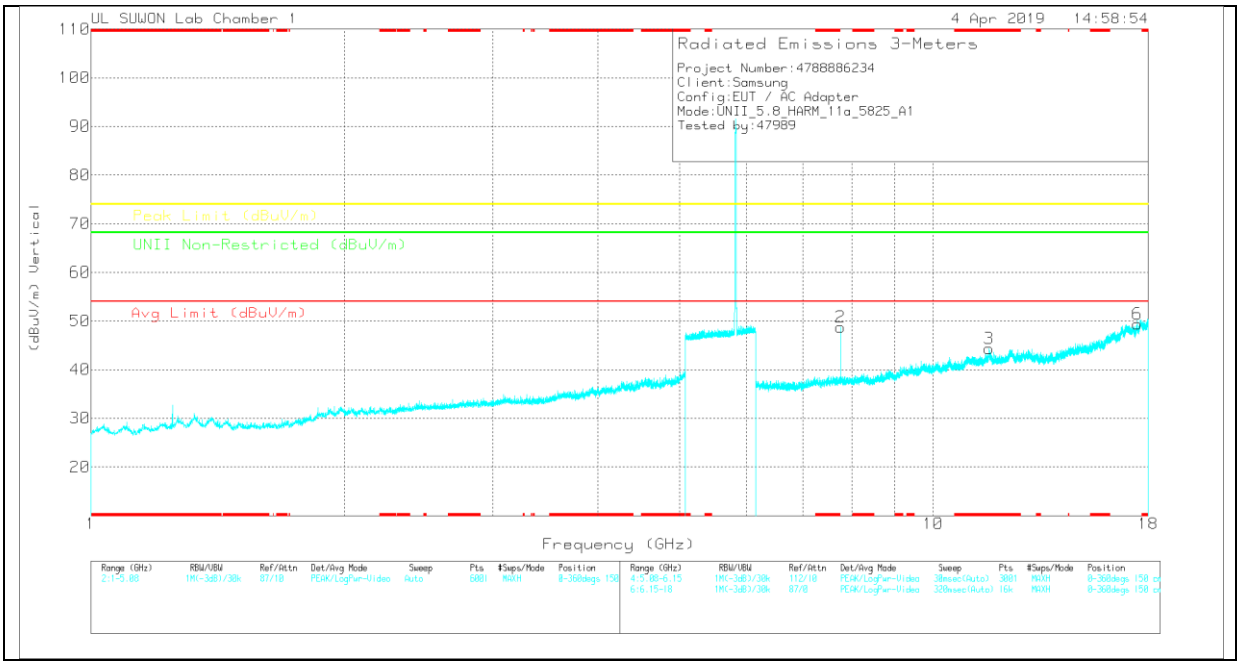
HIGH CHANNEL HORIZONTAL



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.

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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

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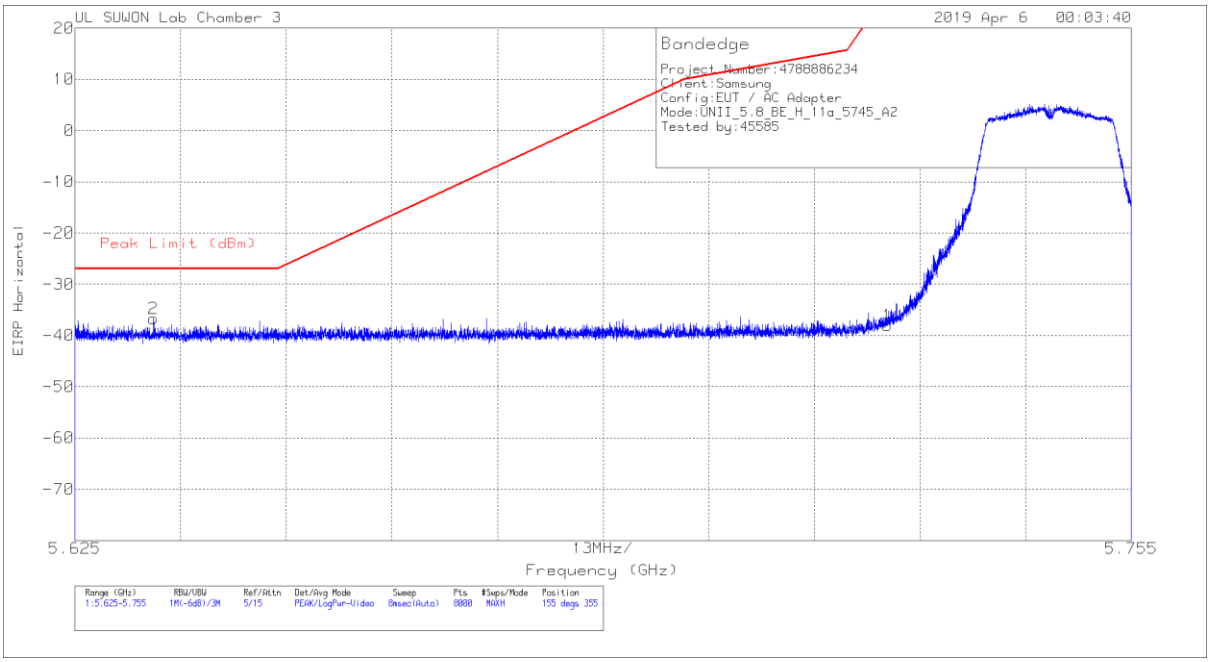
11.4.3.TX ABOVE 1GHz 802.11a 1Tx ANT2 IN THE 5.8GHz BAND BANDEDGE (LOW CHANNEL)

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

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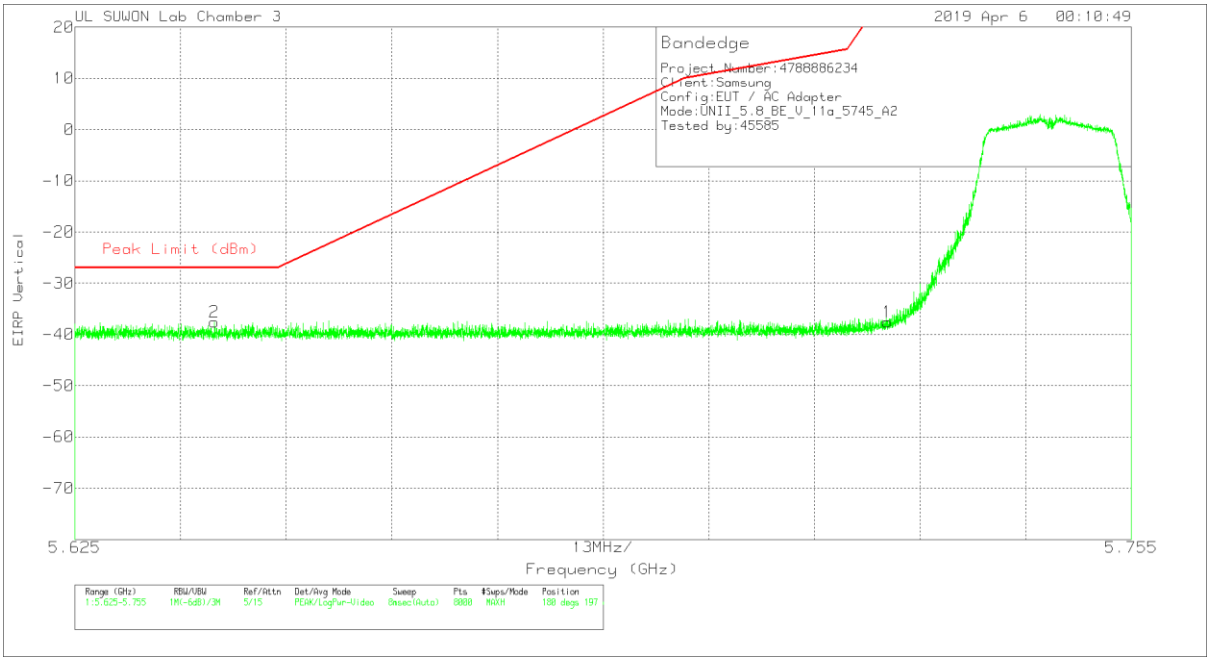
VERTICAL PEAK PLOT



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

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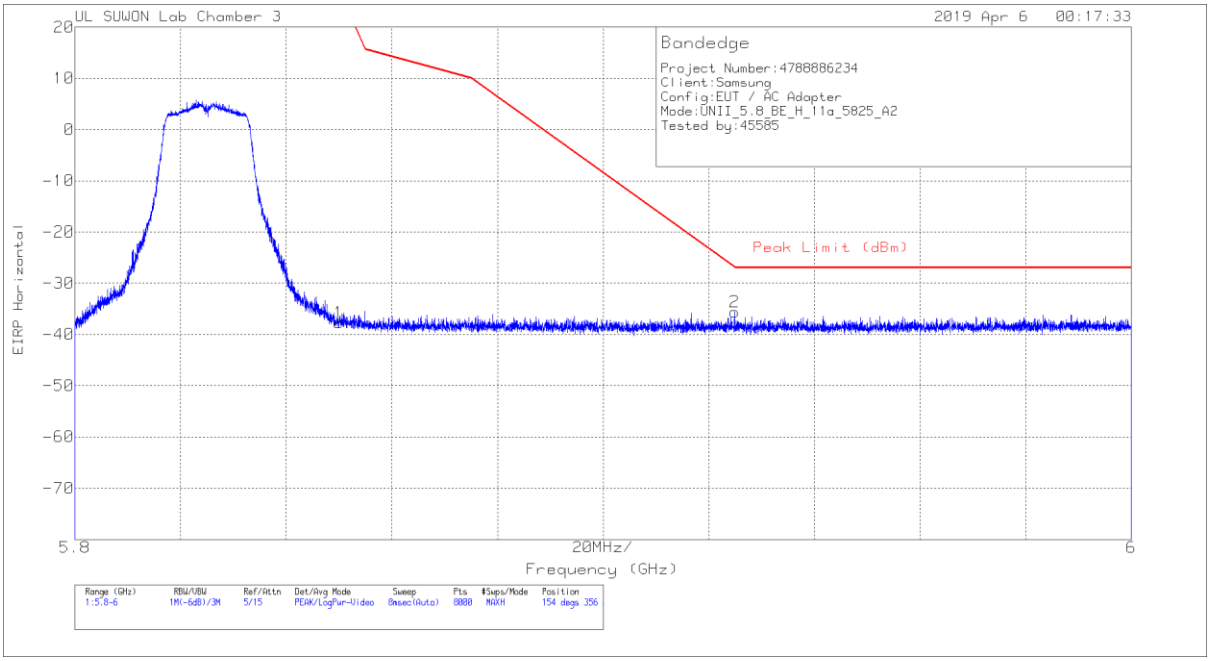
BANDEDGE (HIGH CHANNEL)

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

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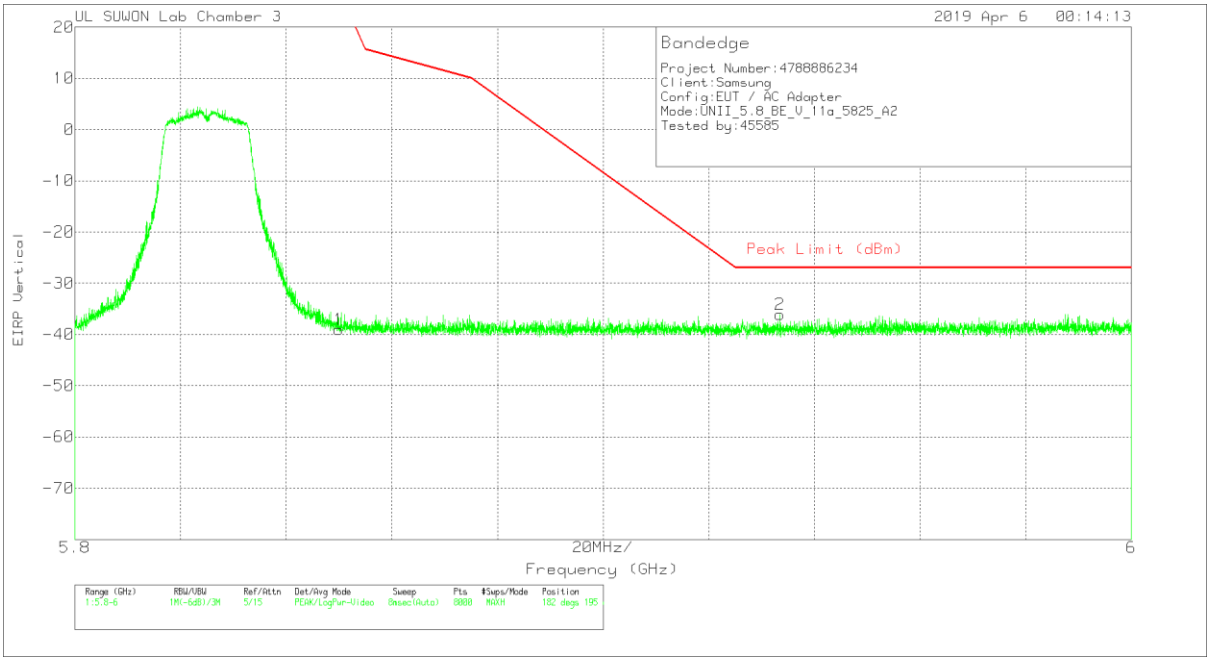
VERTICAL PEAK PLOT



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

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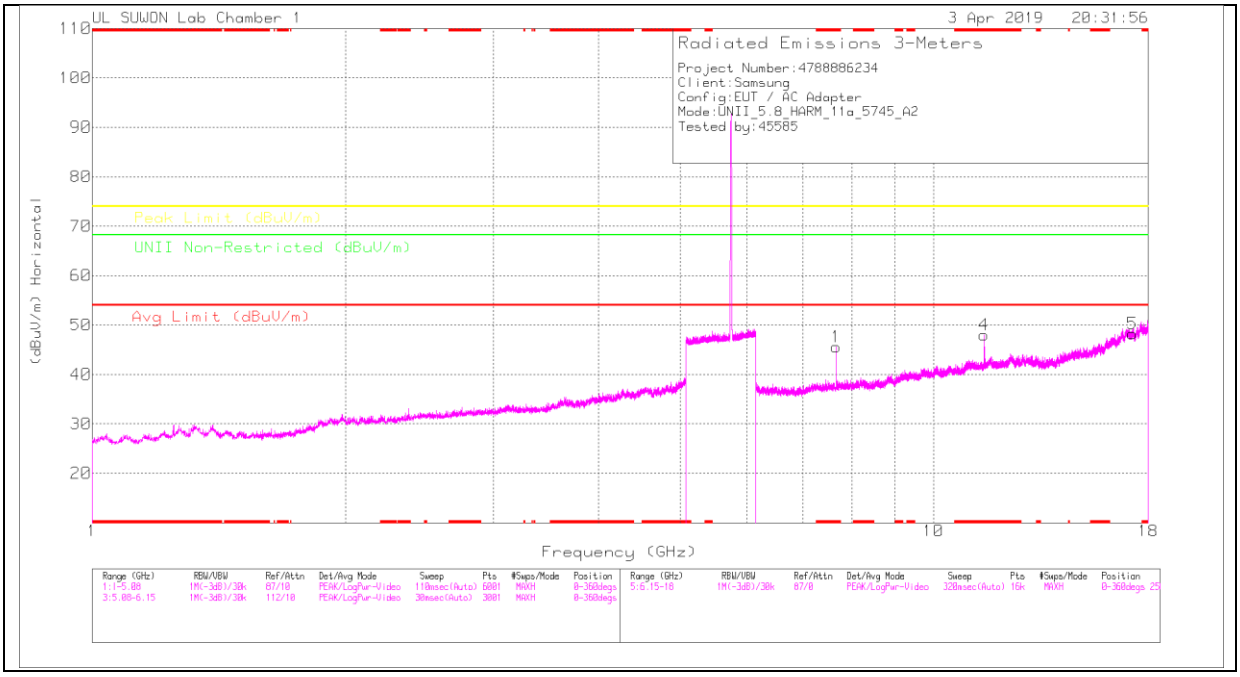
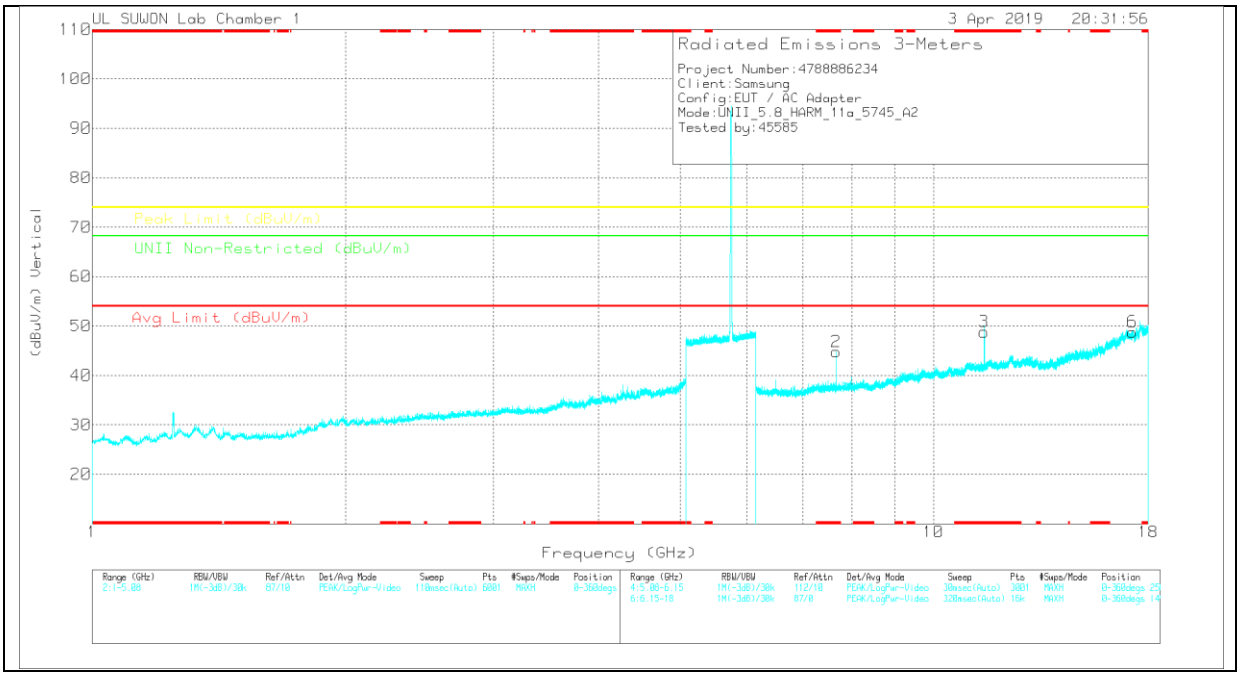
LOW CHANNEL HORIZONTAL



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.

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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

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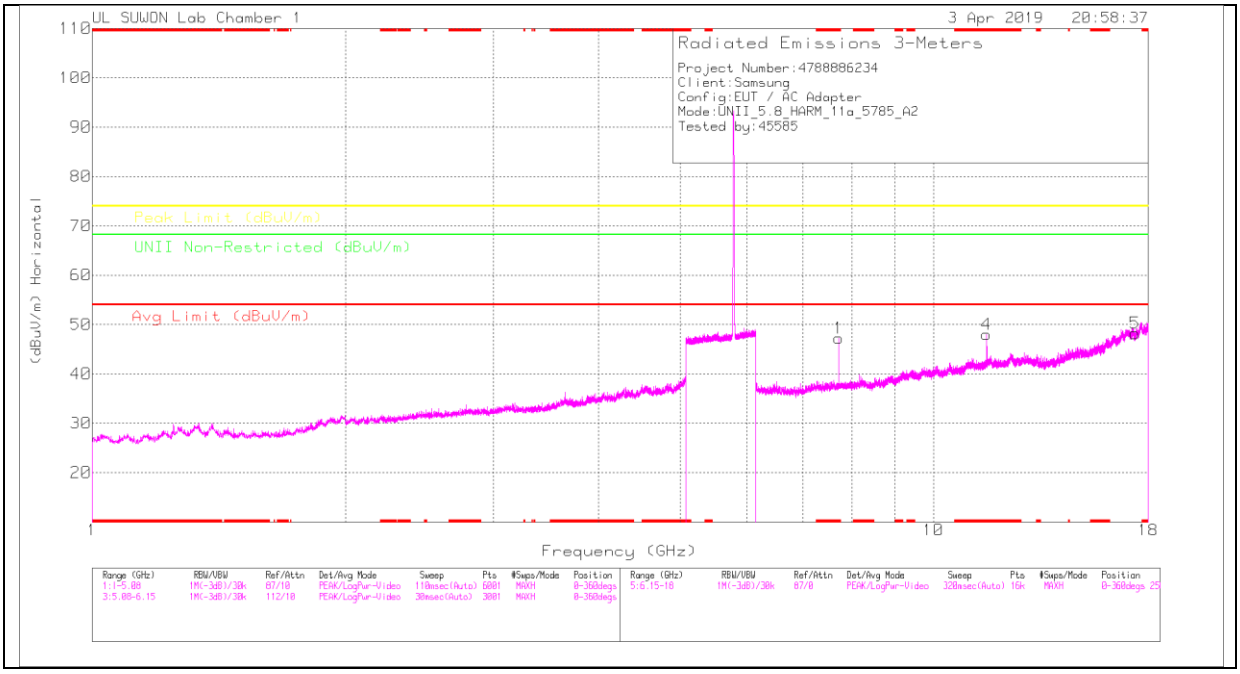
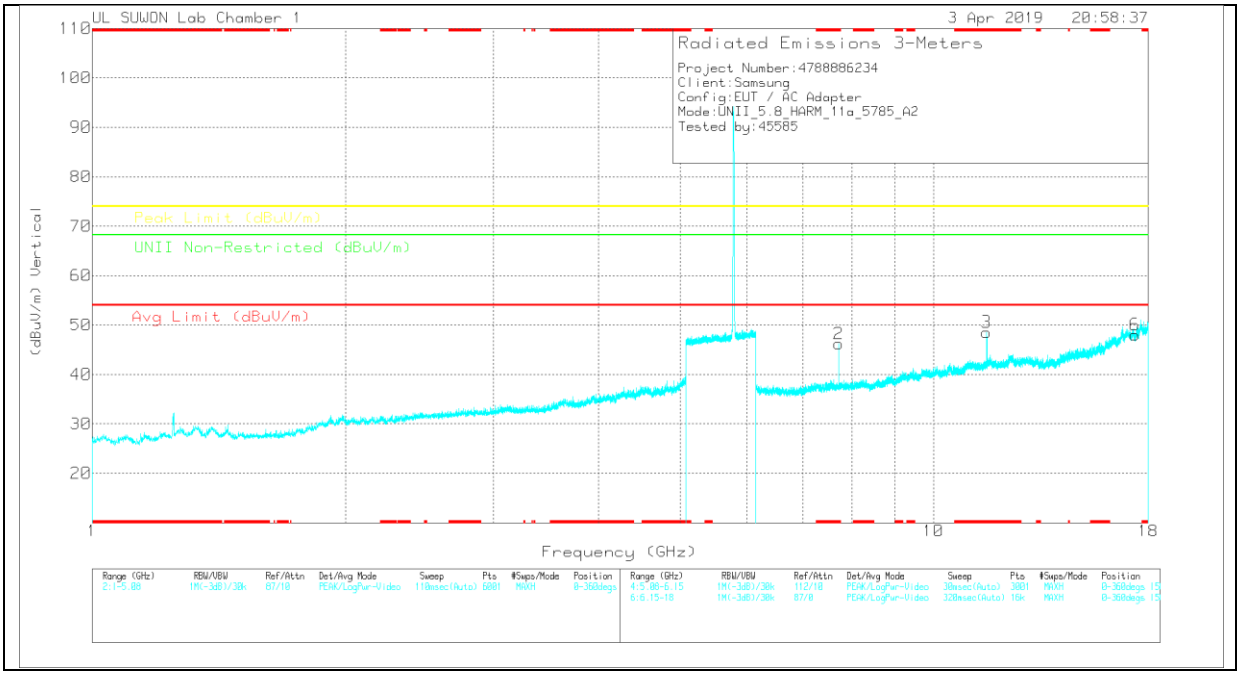
MID CHANNEL HORIZONTAL



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.

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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

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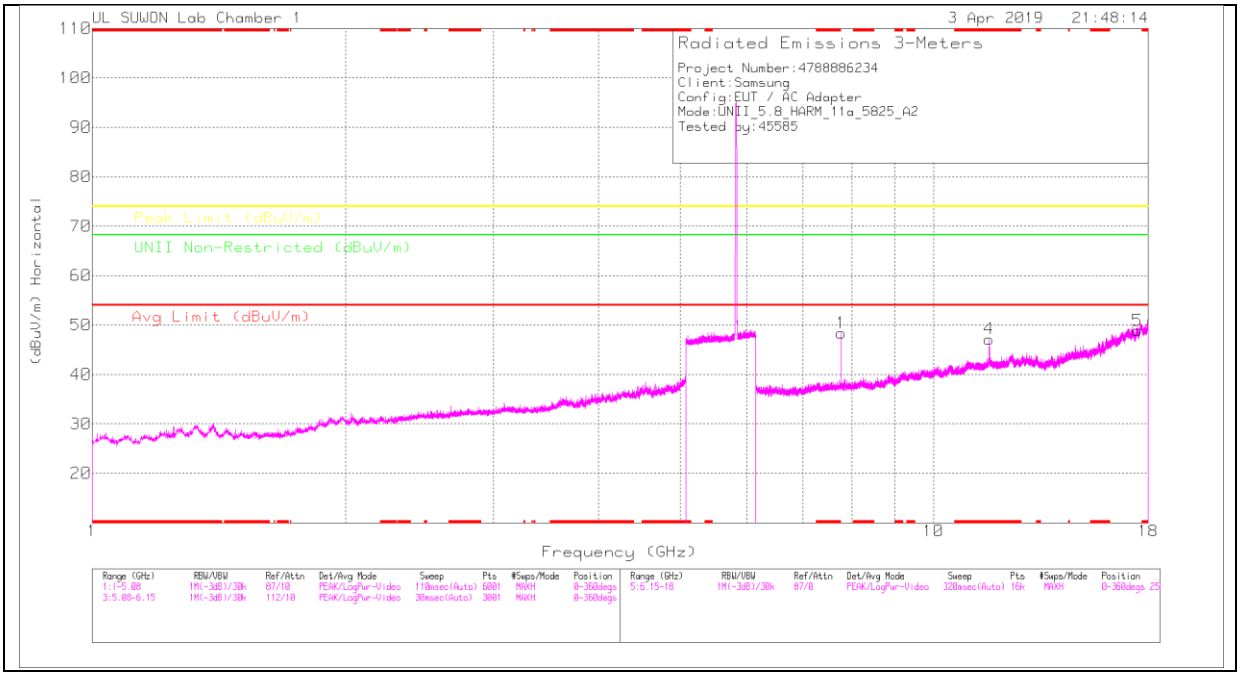
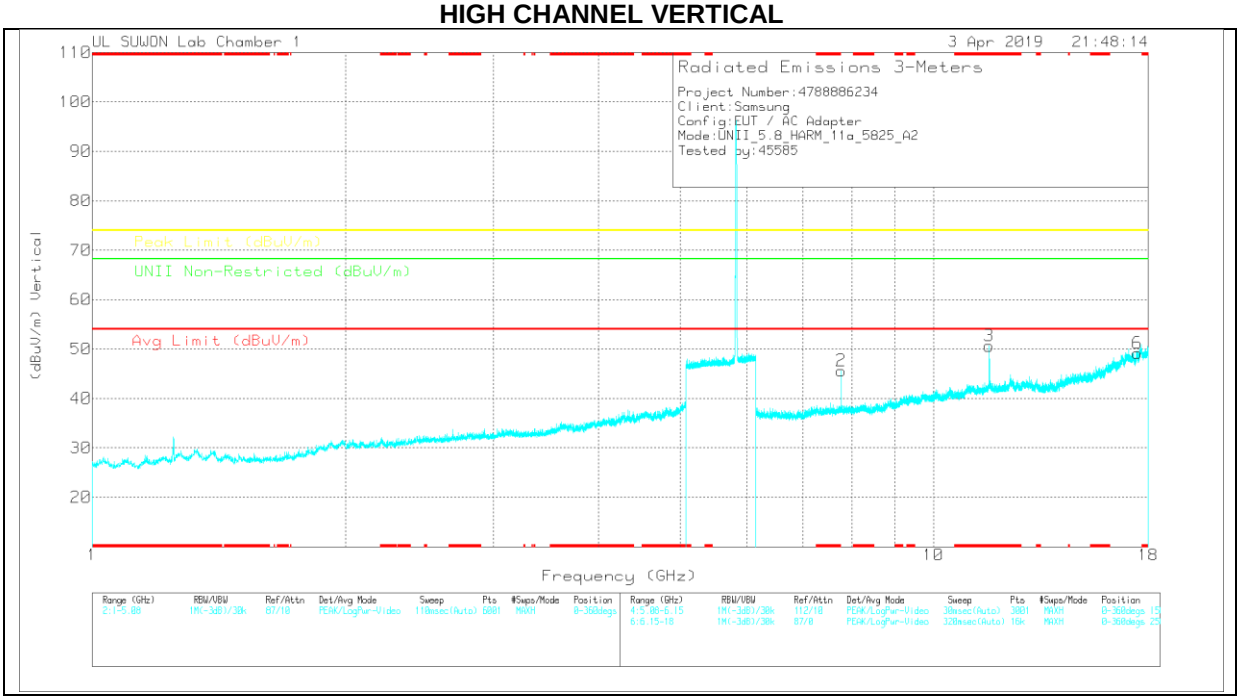
HIGH CHANNEL HORIZONTAL



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.

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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

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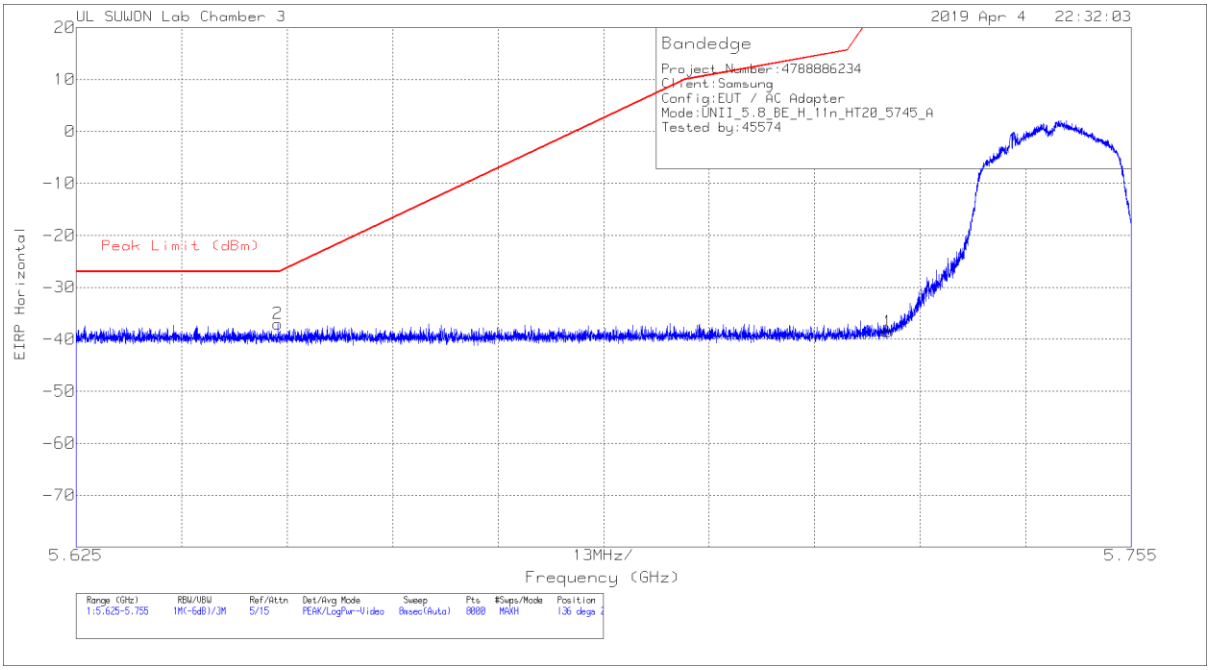
11.4.4. TX ABOVE 1GHz 802.11n HT20 2Tx CDD MODE IN THE 5.8GHz BAND BANDEDGE (LOW CHANNEL)

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

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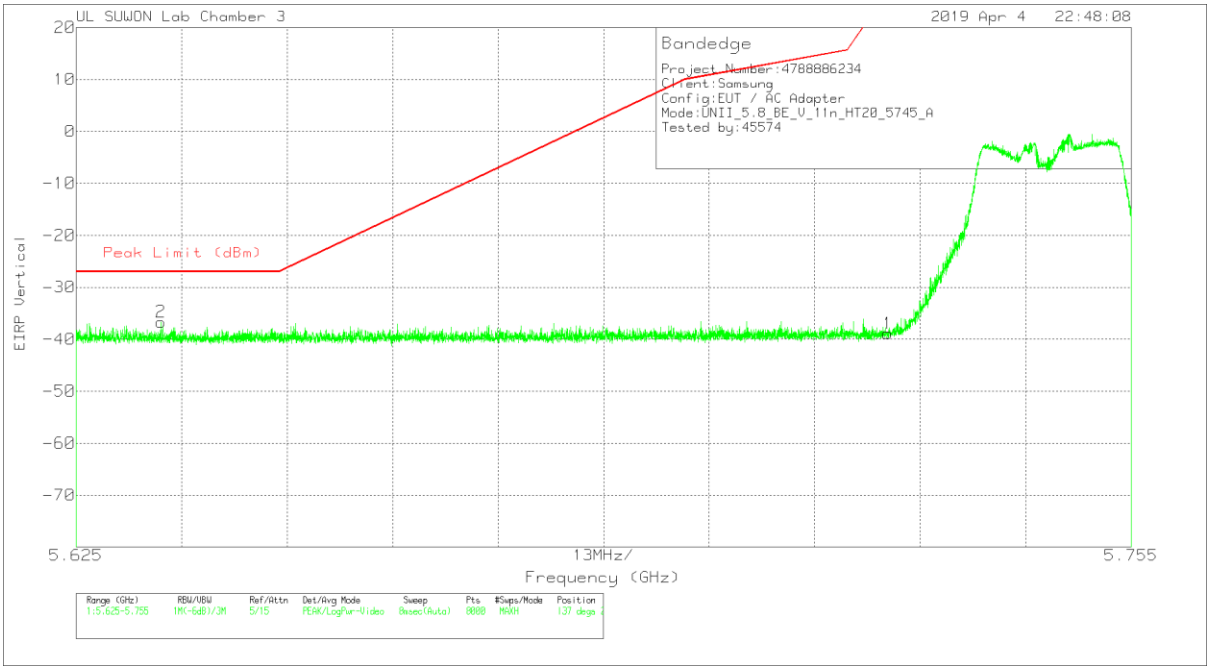
VERTICAL PEAK PLOT



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

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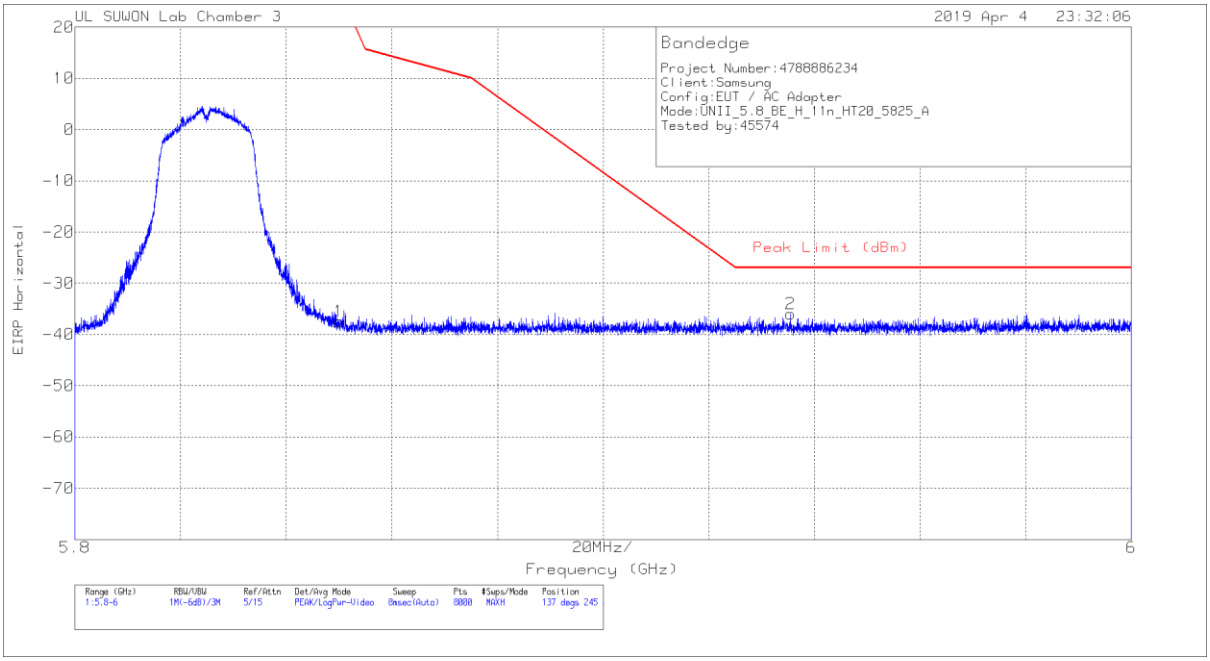
BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	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

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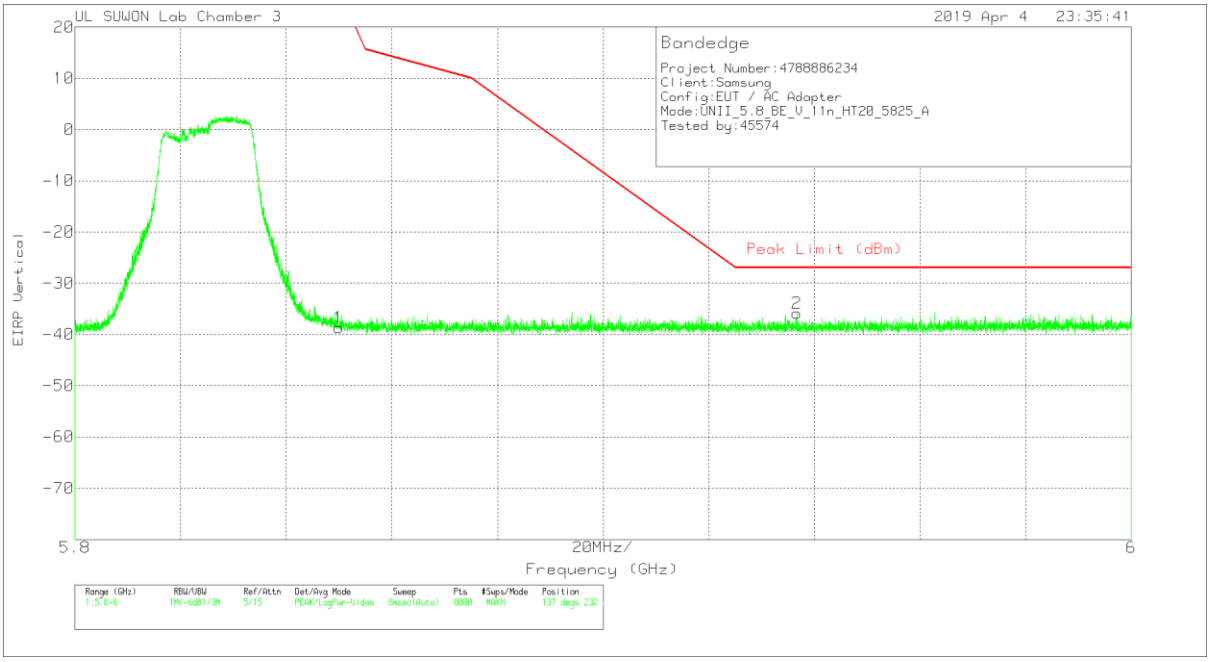
VERTICAL PEAK PLOT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	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

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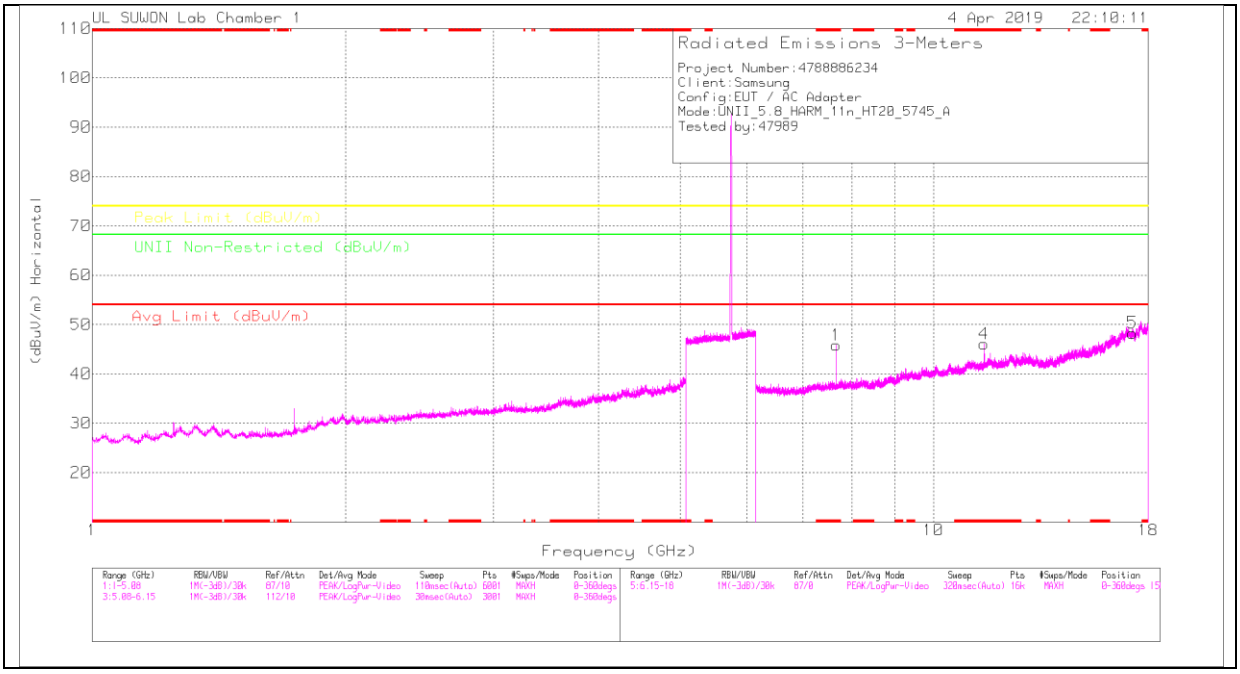
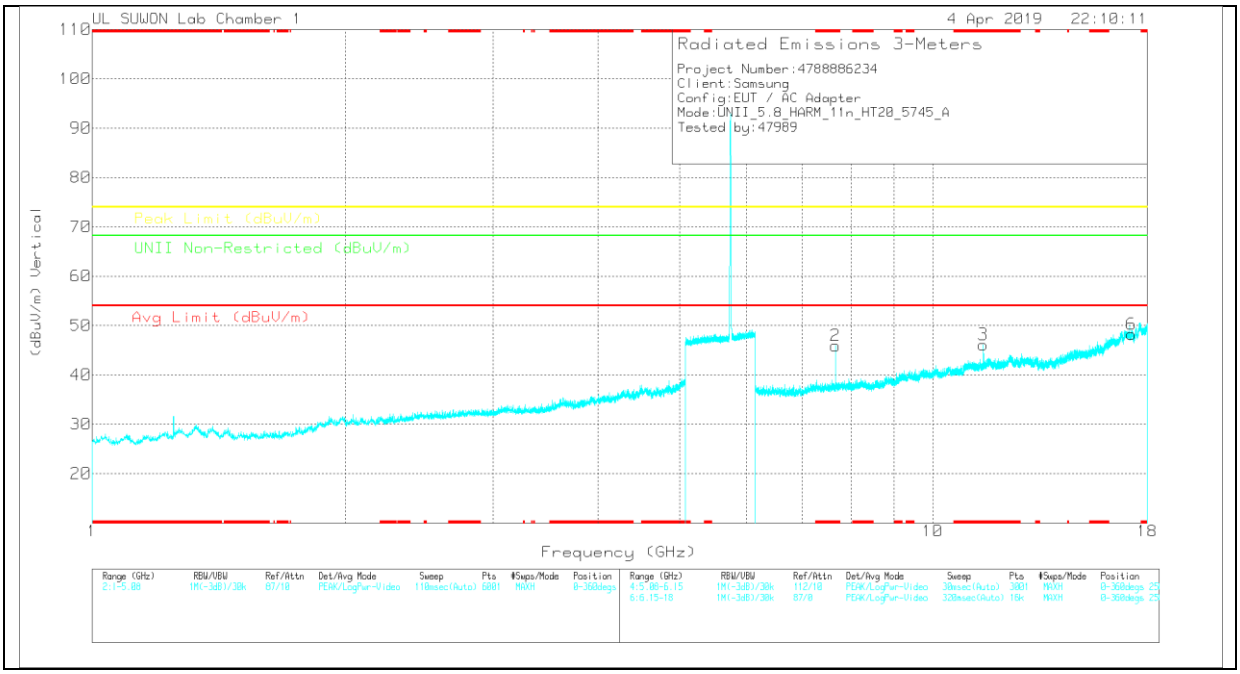
LOW CHANNEL HORIZONTAL



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.

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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

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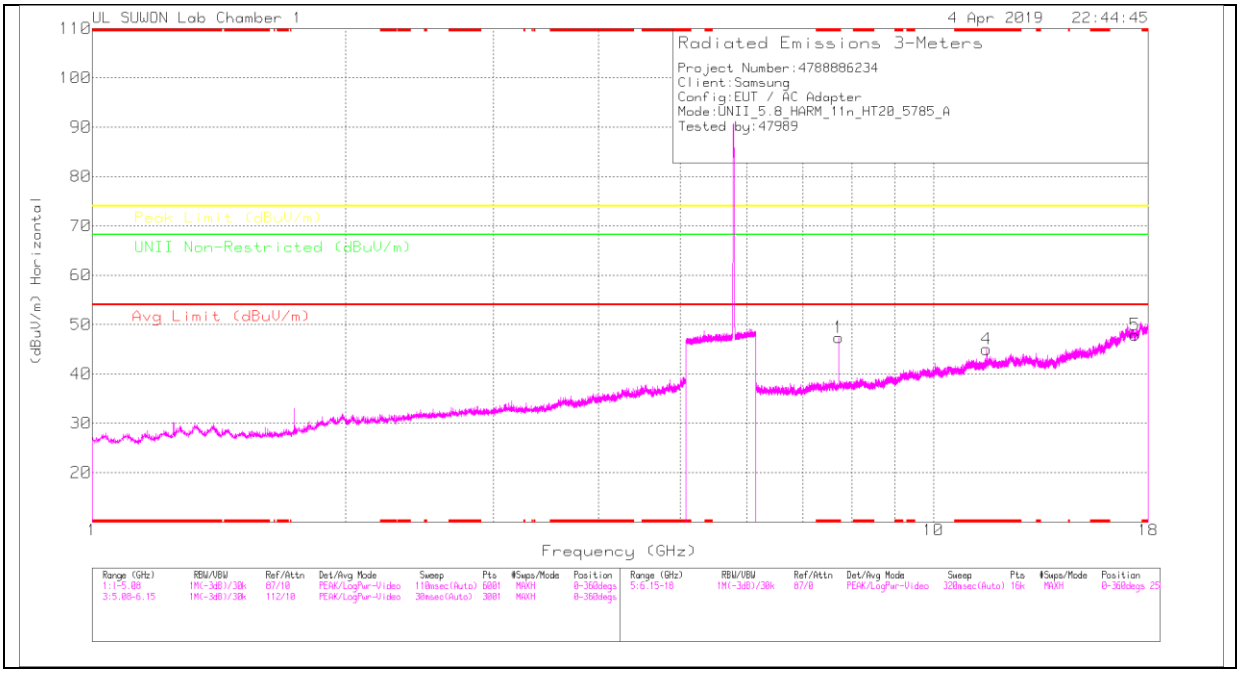
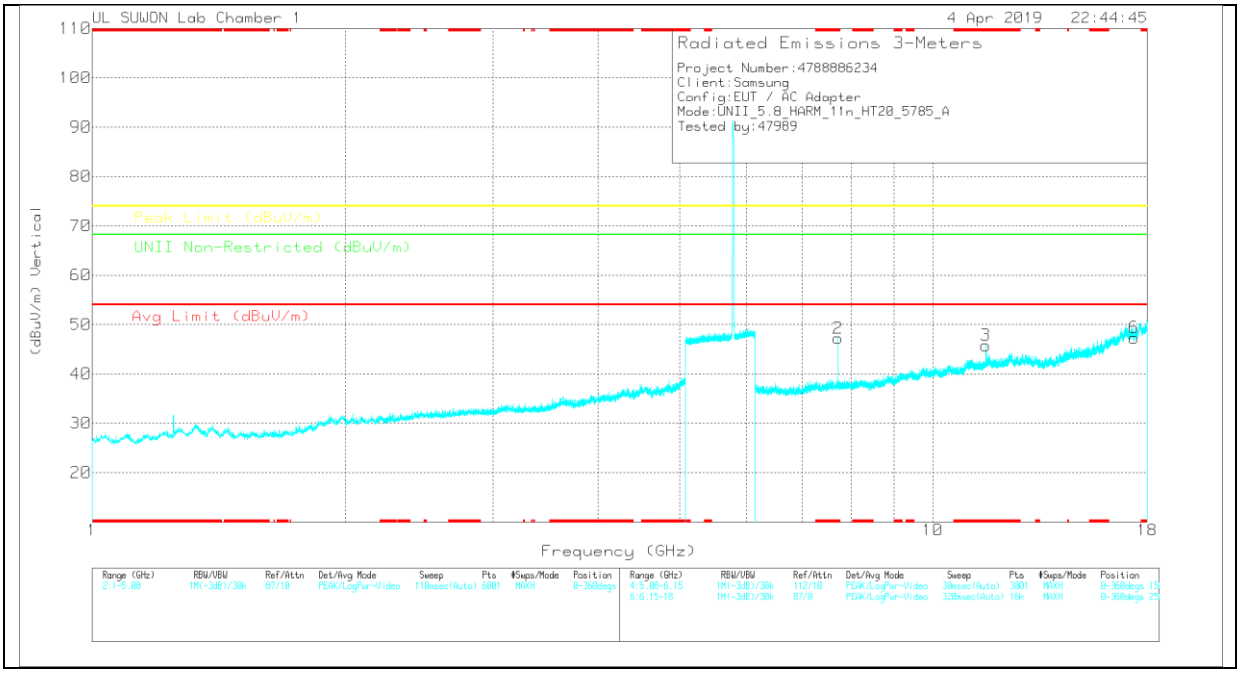
MID CHANNEL HORIZONTAL



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.

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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

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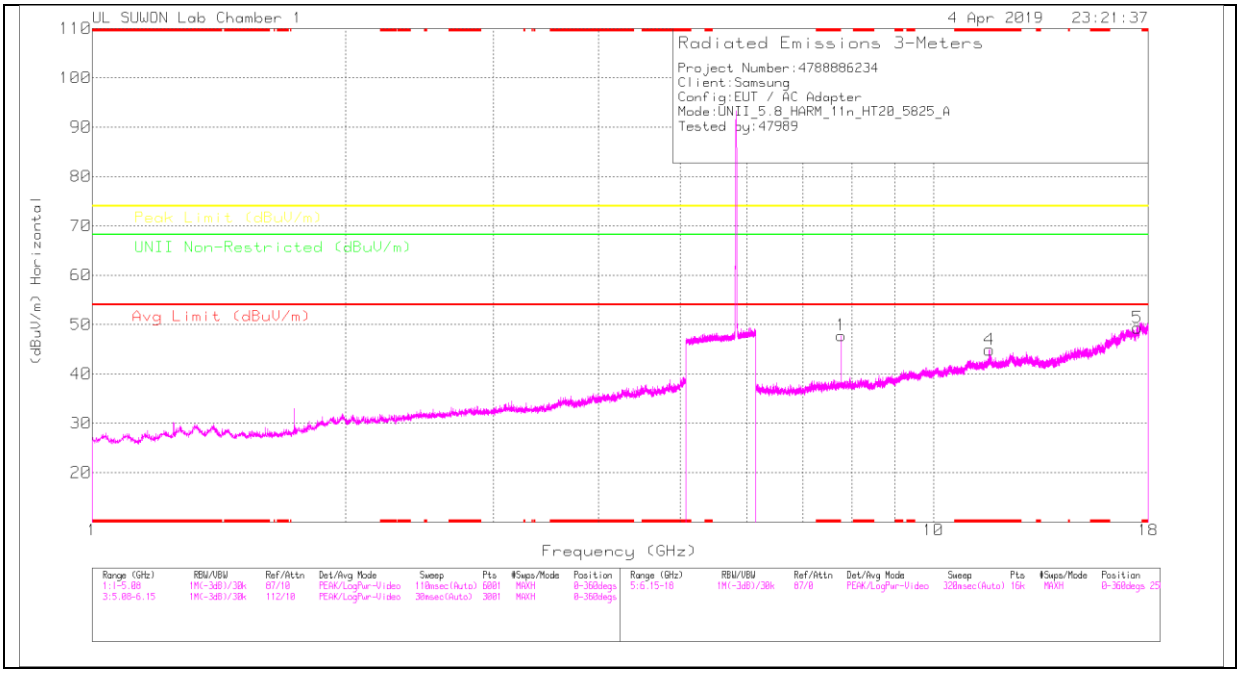
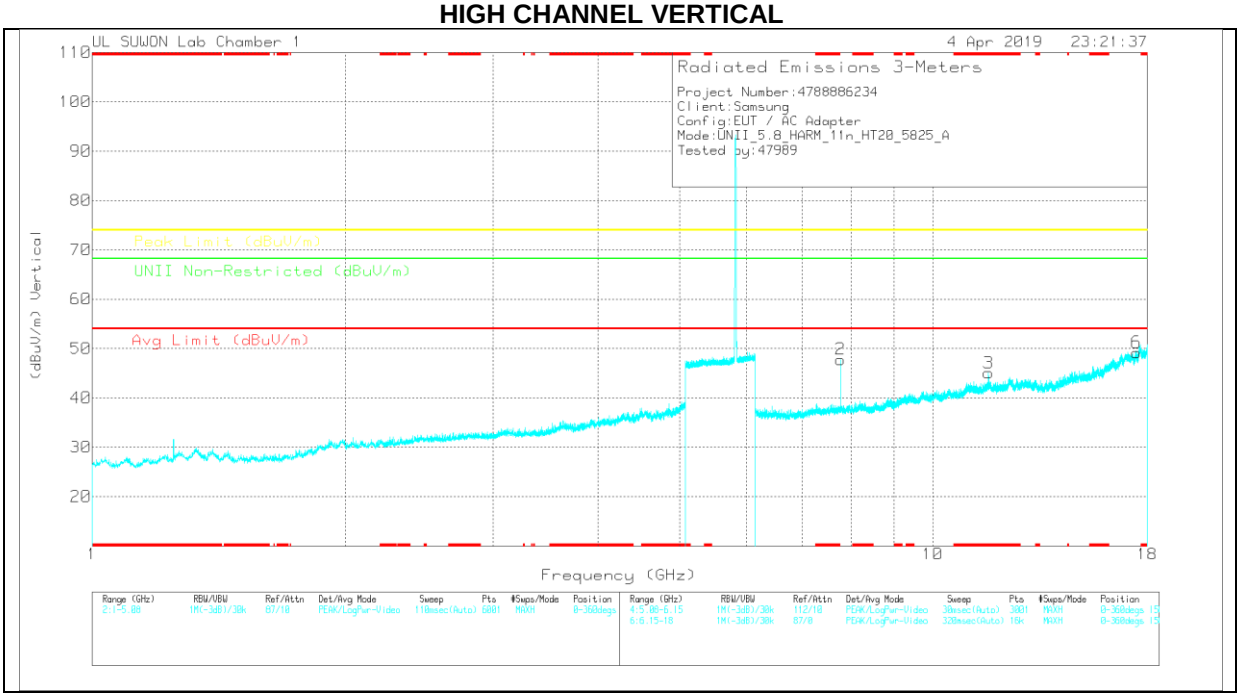
HIGH CHANNEL HORIZONTAL



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.

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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

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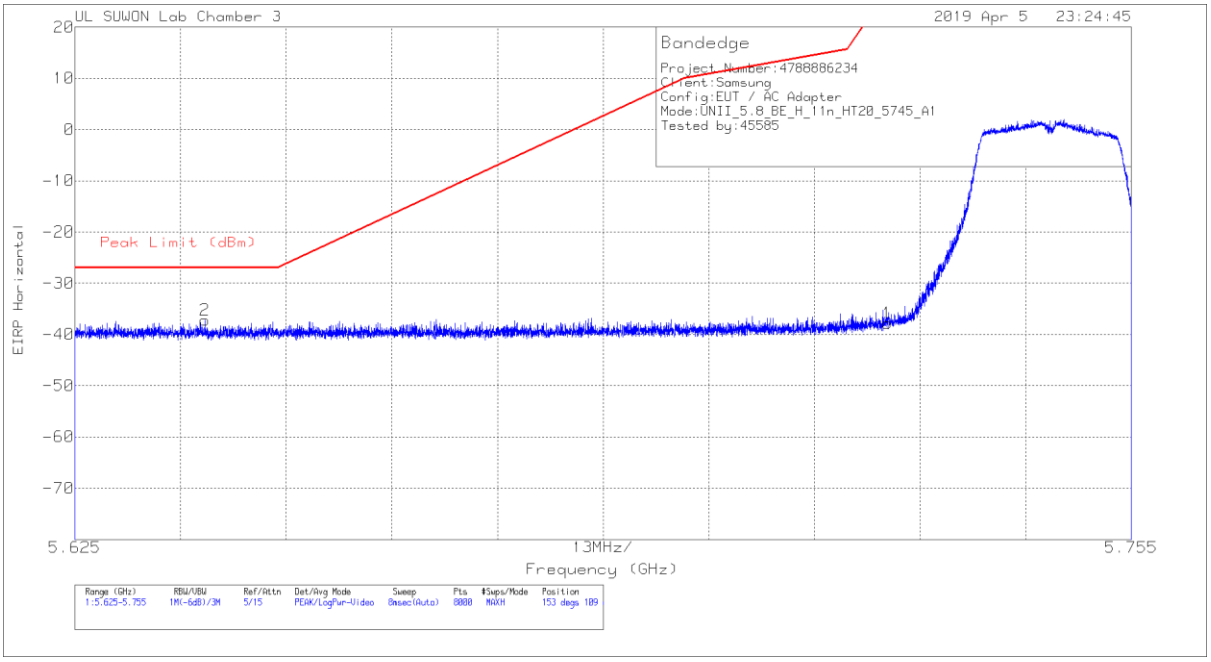
11.4.5.TX ABOVE 1GHz 802.11n HT20 1Tx ANT1 IN THE 5.8GHz BAND BANDEDGE (LOW CHANNEL)

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

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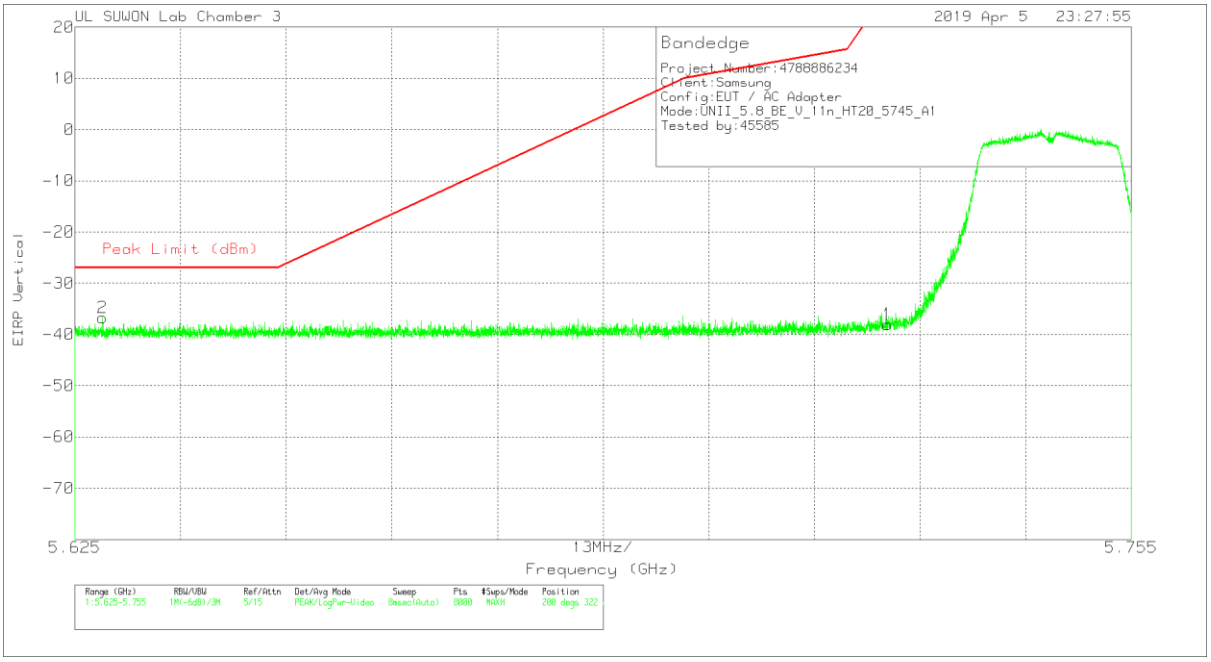
VERTICAL PEAK PLOT



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

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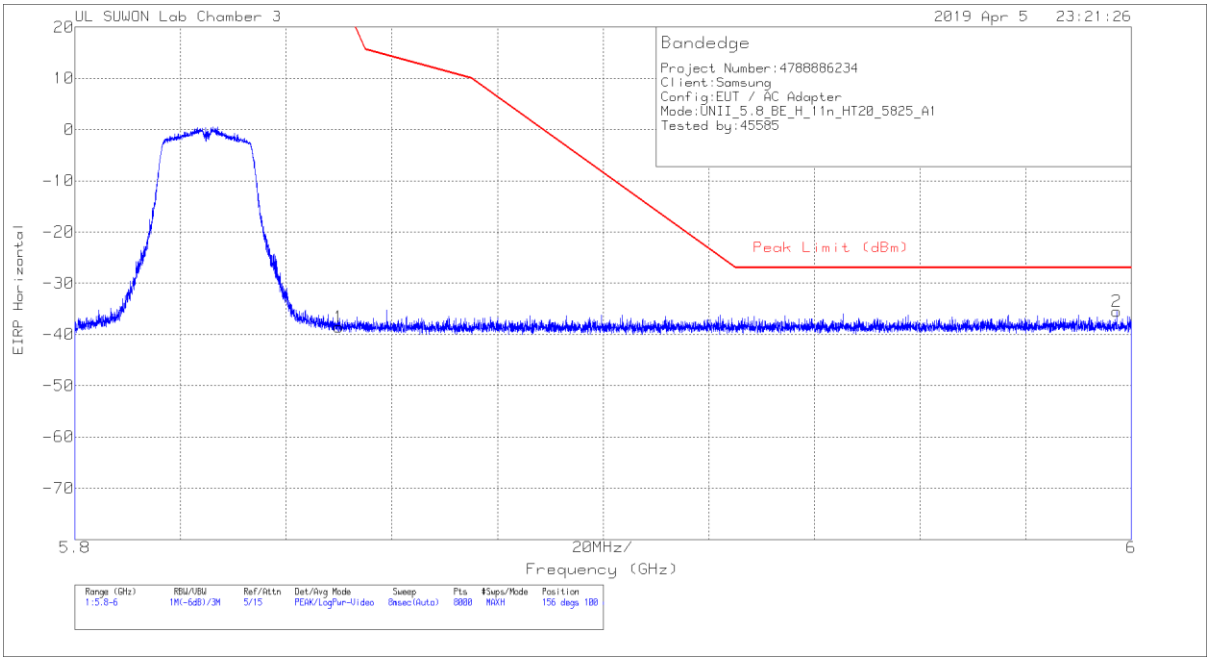
BANDEDGE (HIGH CHANNEL)

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

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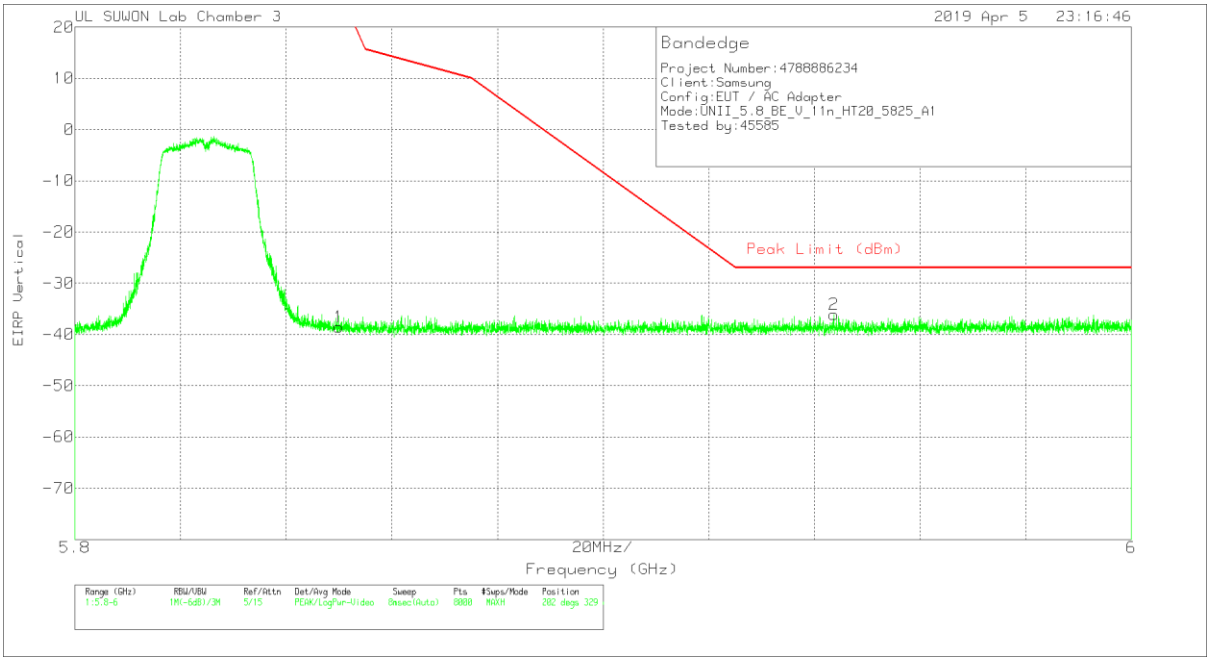
VERTICAL PEAK PLOT



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

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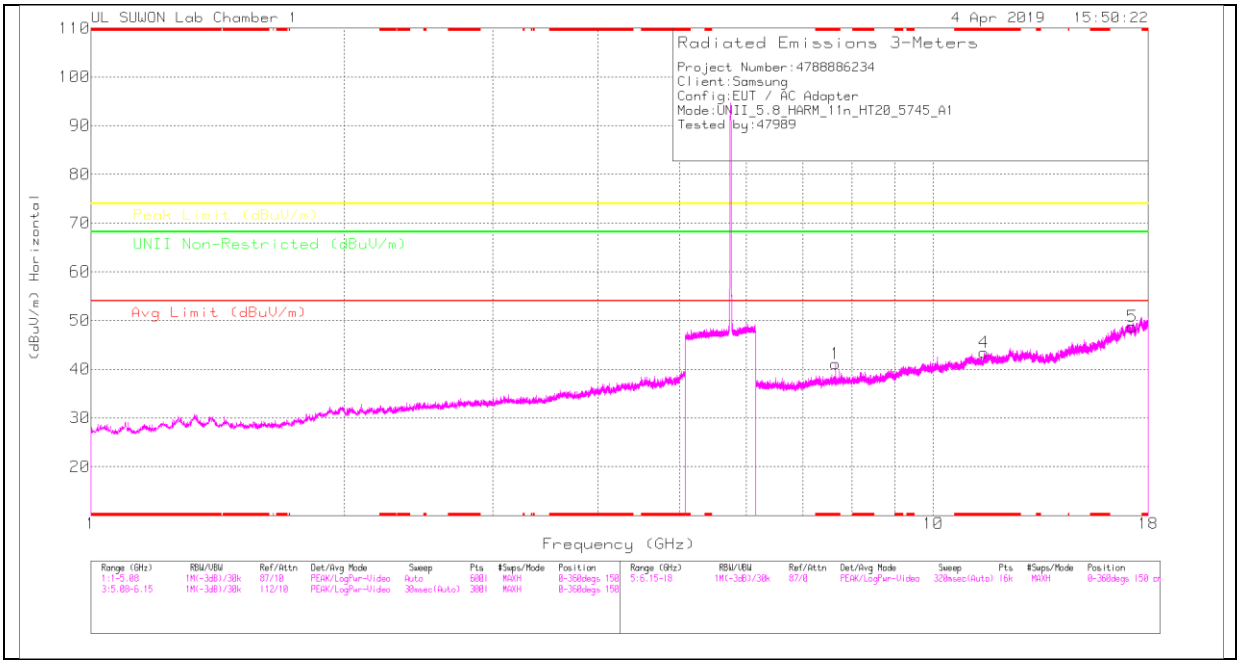
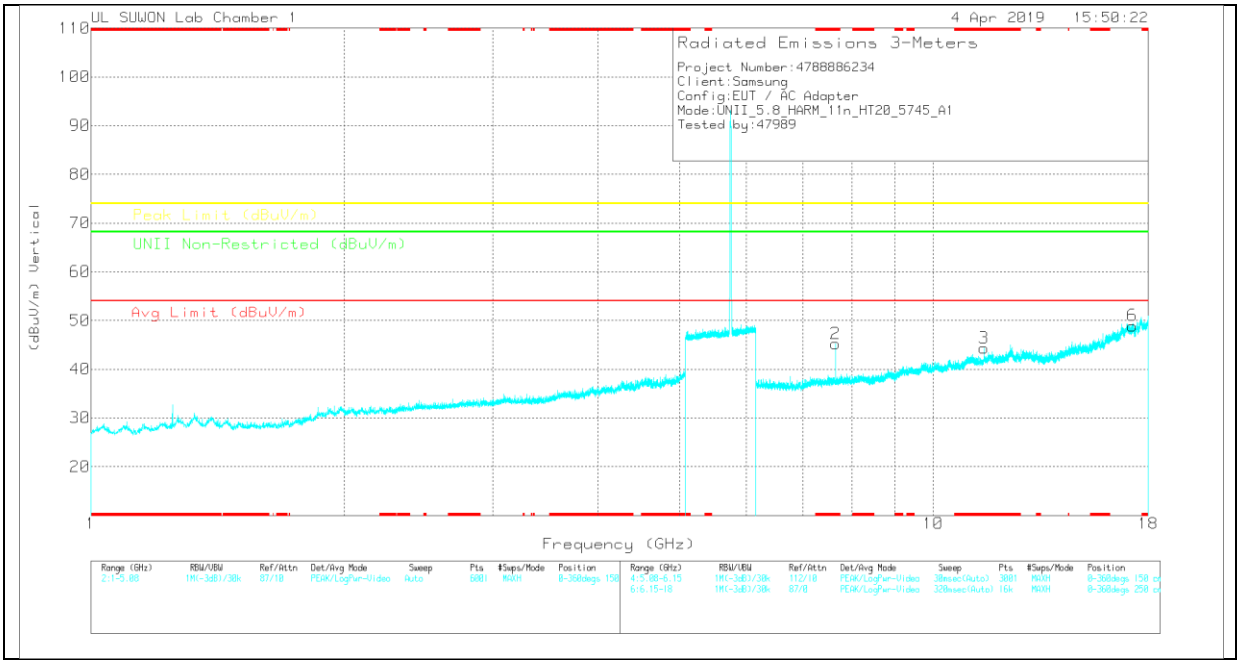
LOW CHANNEL HORIZONTAL



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.

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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

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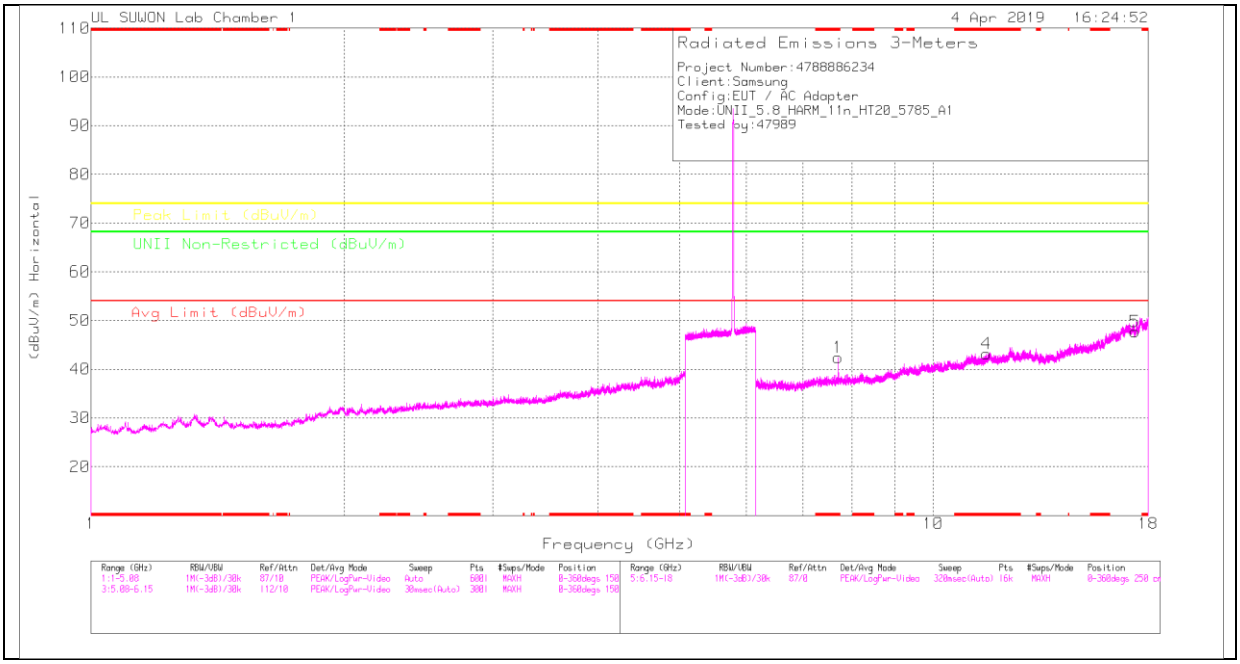
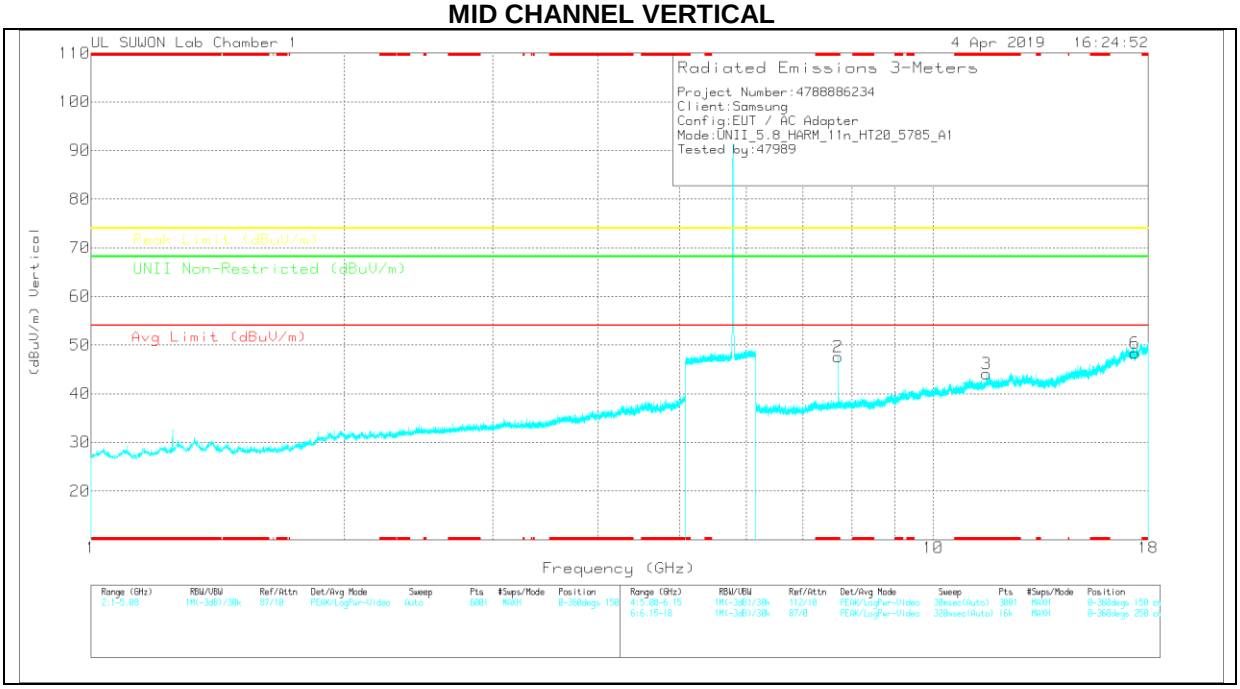
MID CHANNEL HORIZONTAL



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.

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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

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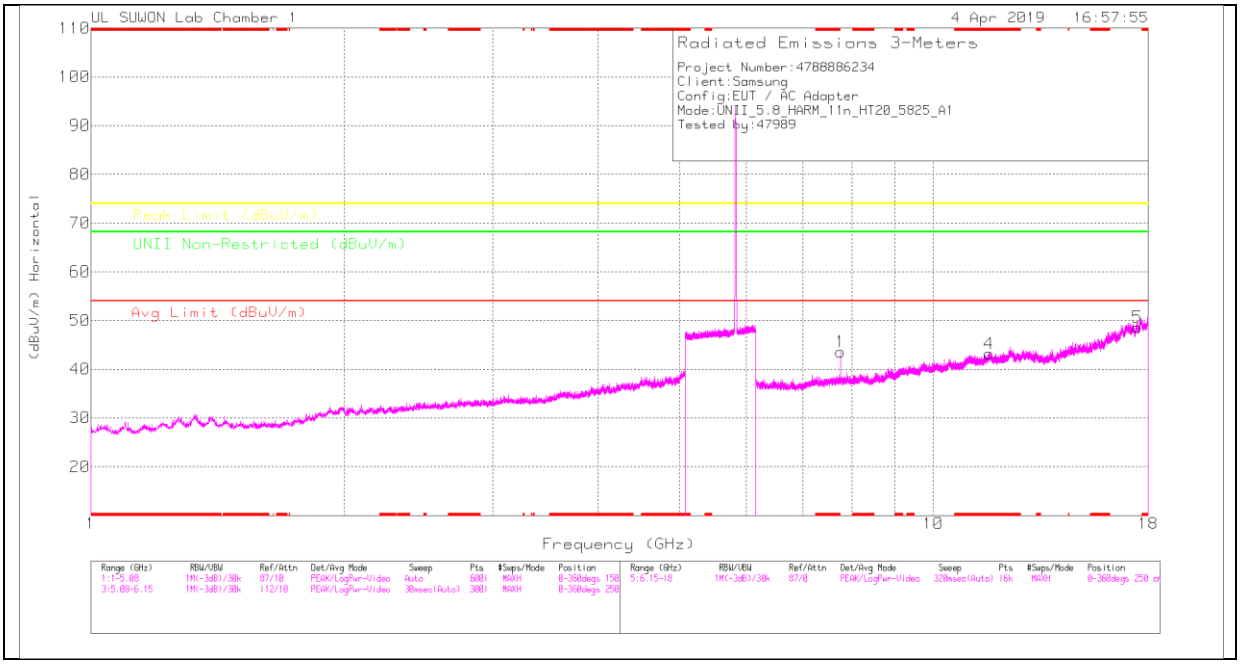
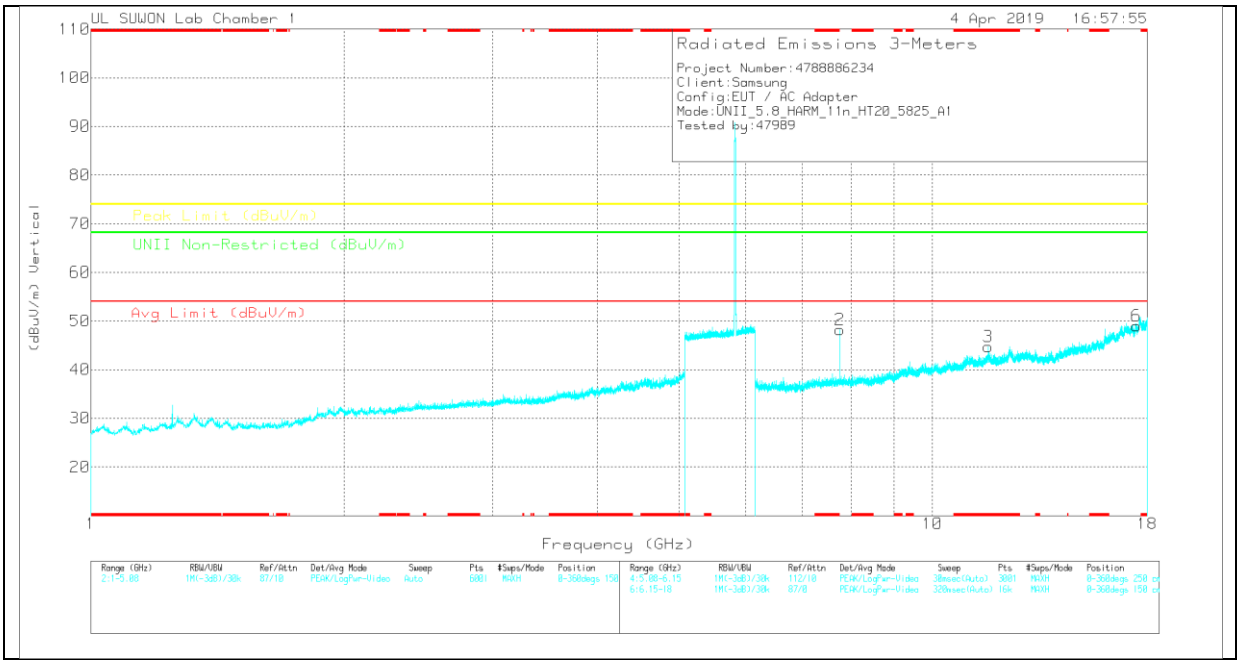
HIGH CHANNEL HORIZONTAL



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.

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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

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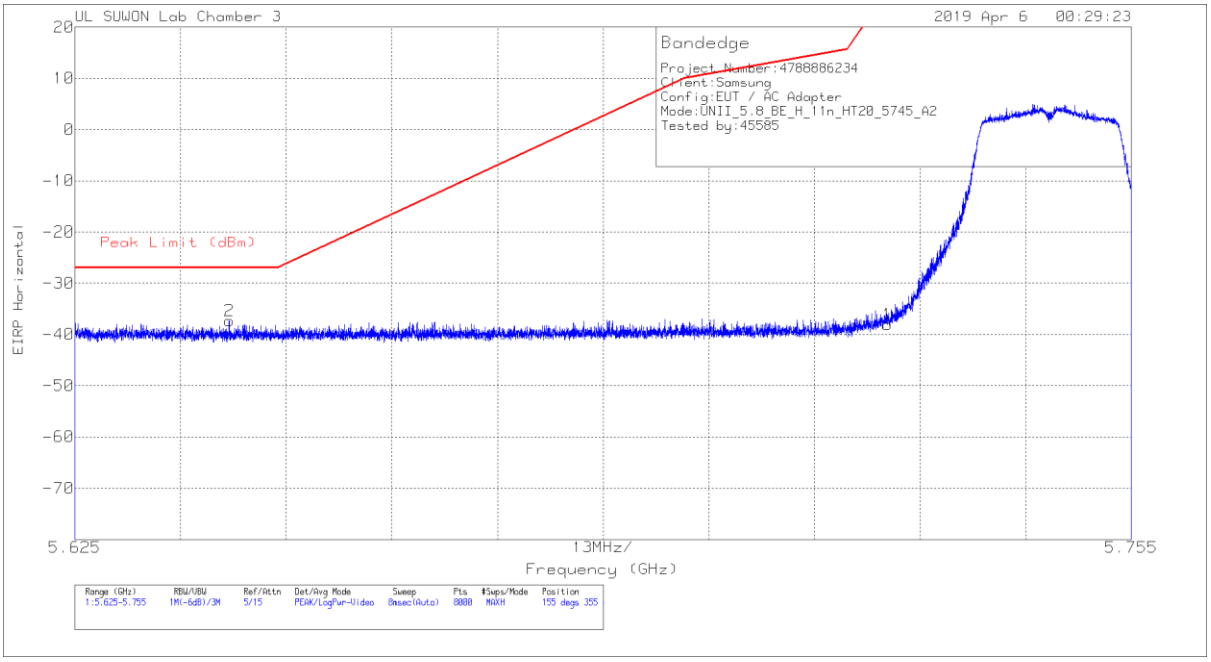
11.4.6.TX ABOVE 1GHz 802.11n HT20 1Tx ANT2 IN THE 5.8GHz BAND BANDEDGE (LOW CHANNEL)

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

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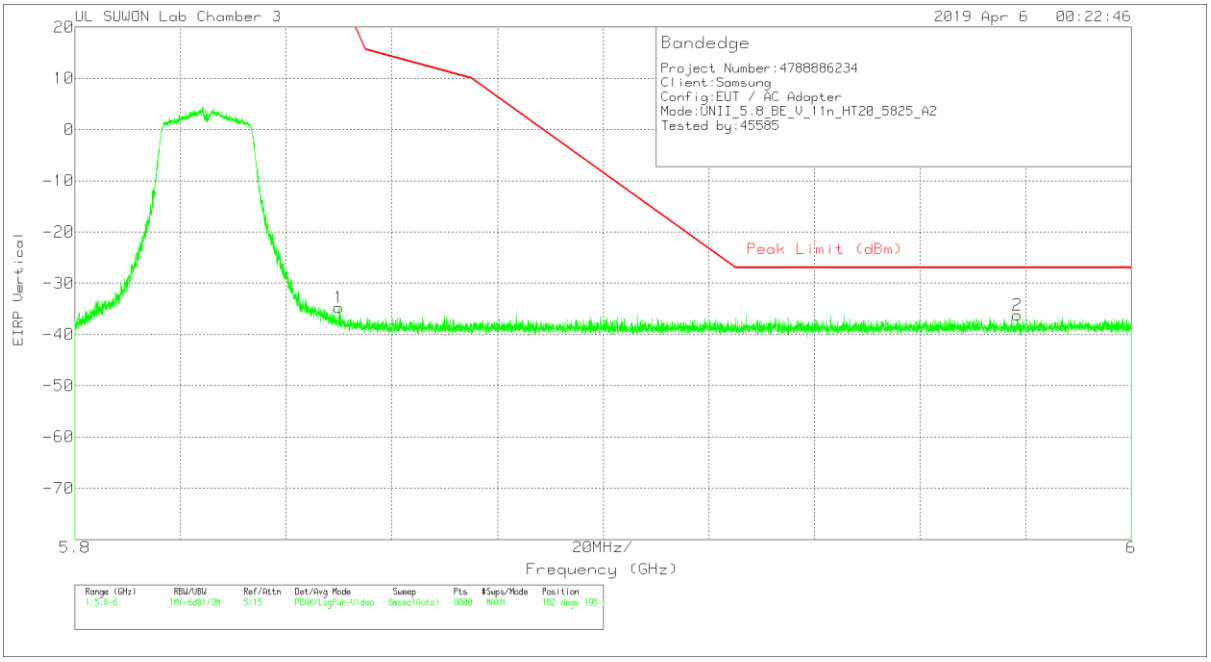
VERTICAL PEAK PLOT



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

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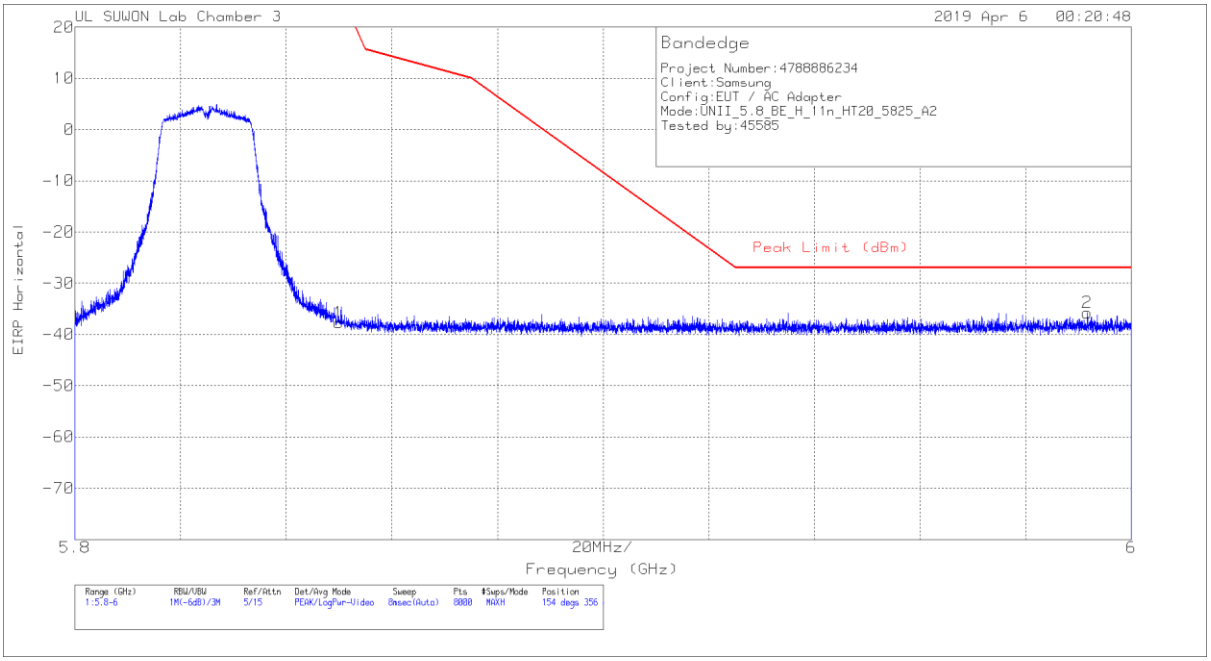
BANDEDGE (HIGH CHANNEL)

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

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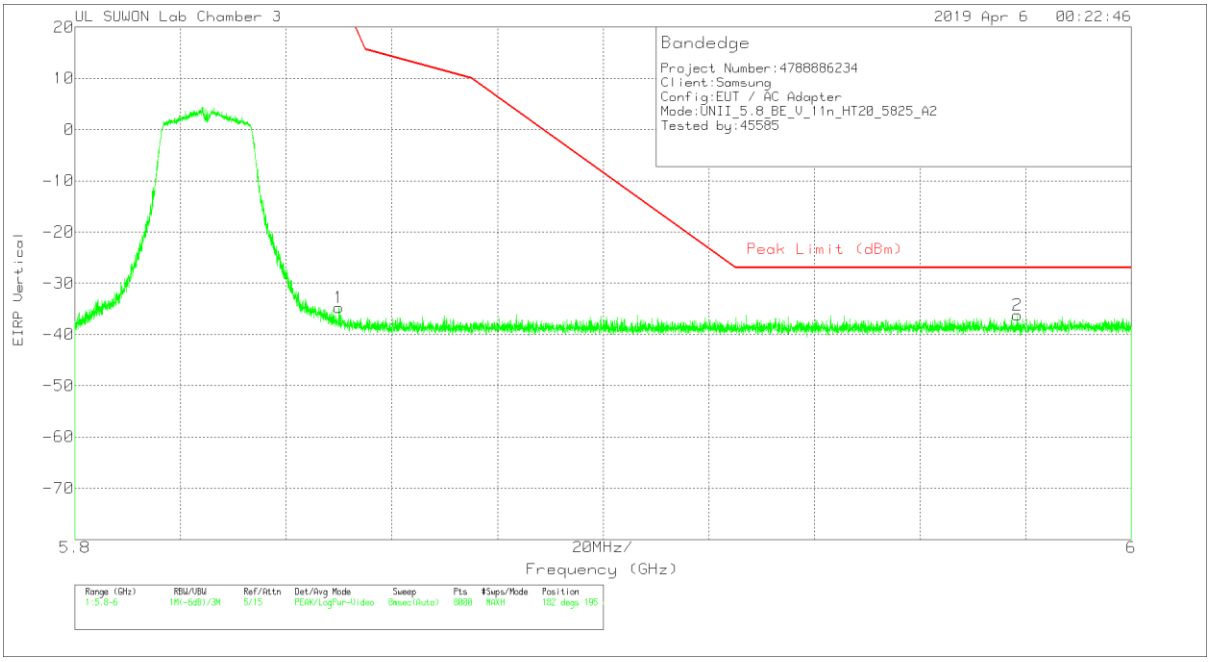
VERTICAL PEAK PLOT



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

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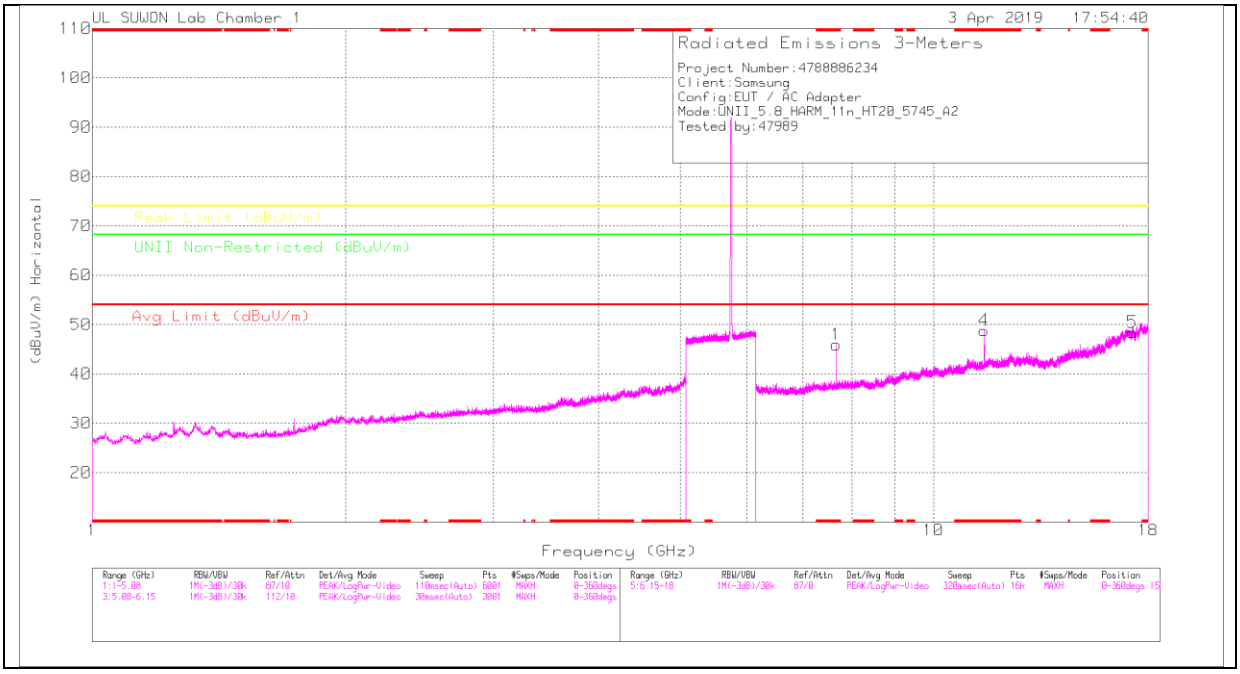
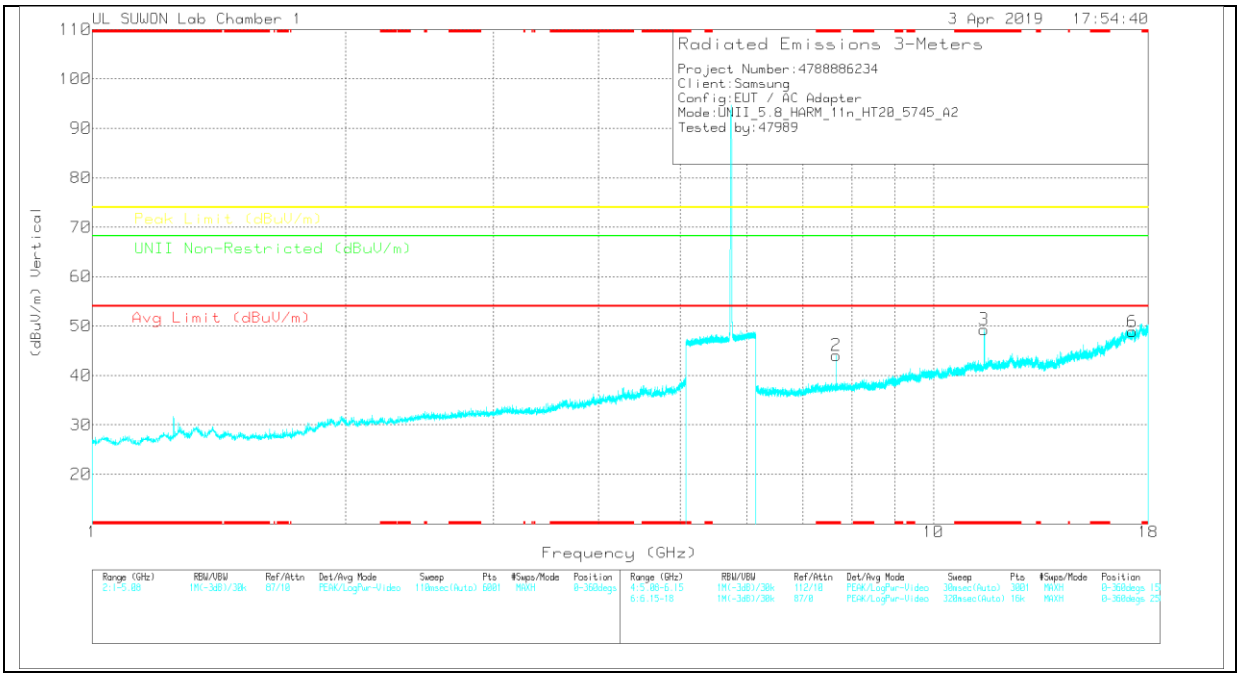
LOW CHANNEL HORIZONTAL



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.

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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

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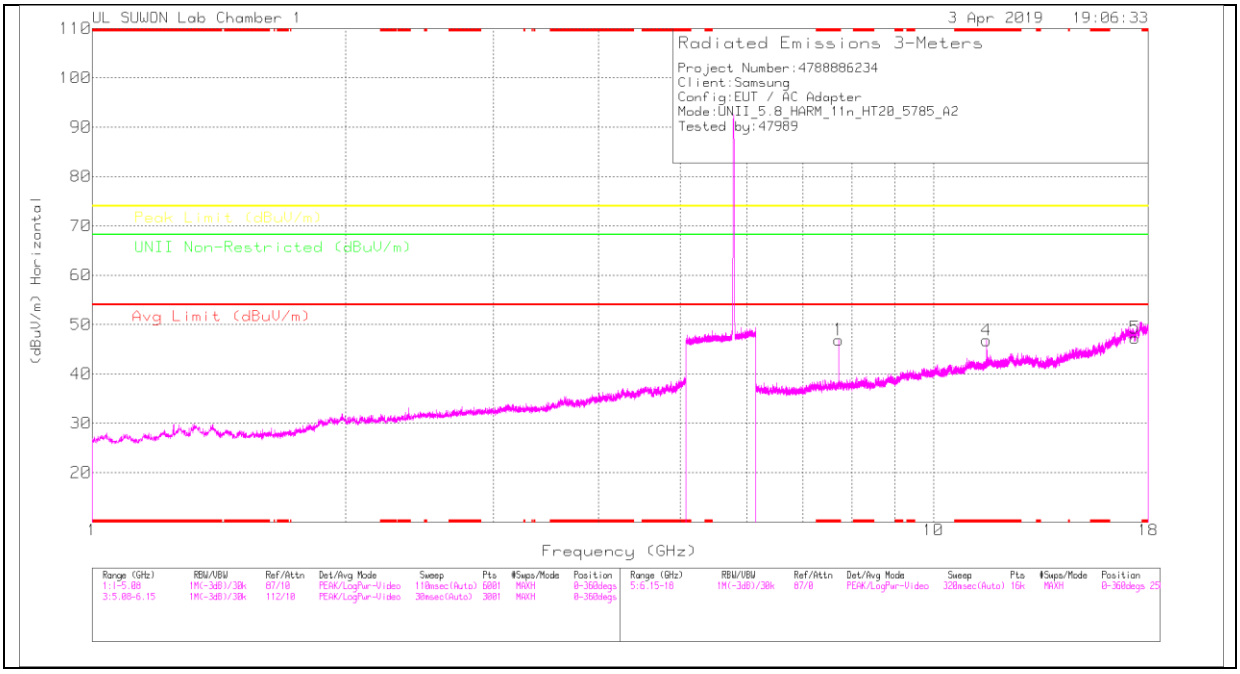
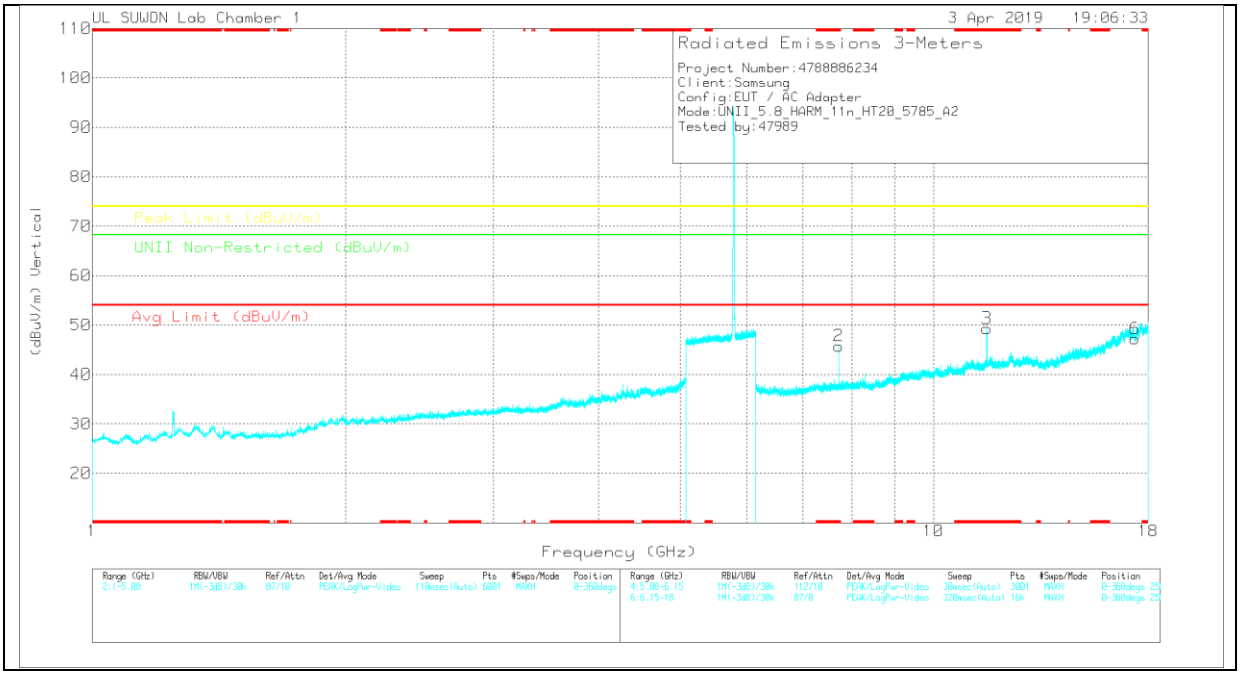
MID CHANNEL HORIZONTAL



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.

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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

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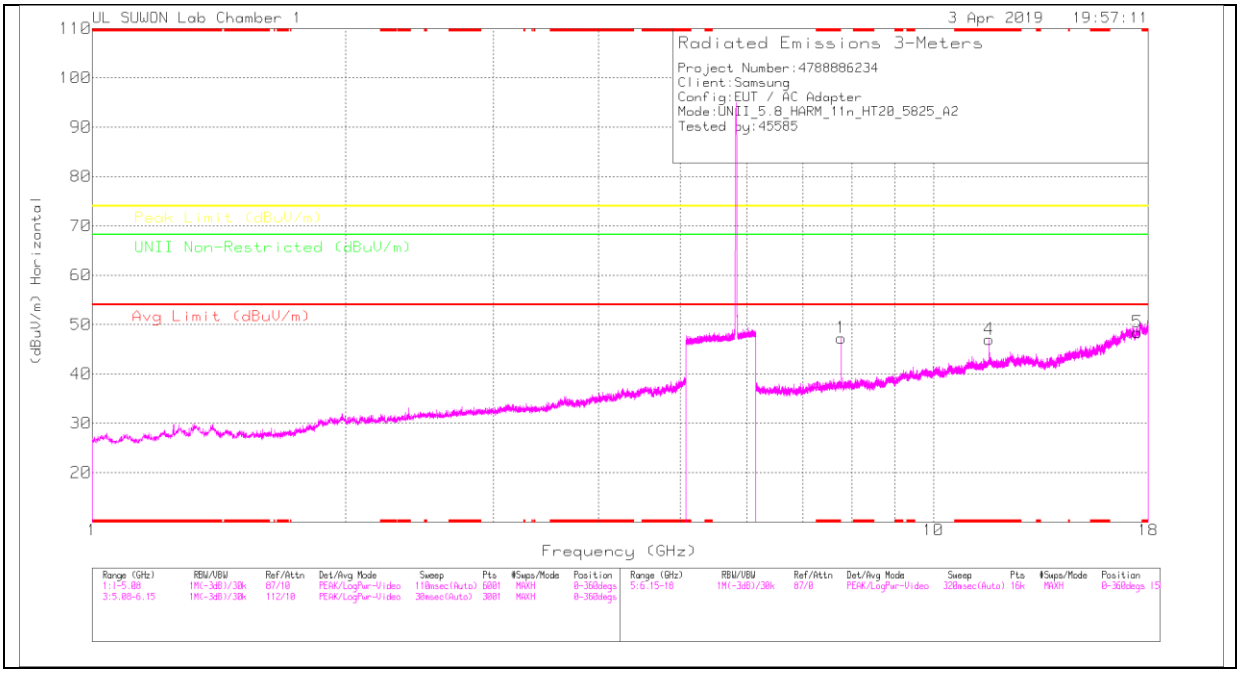
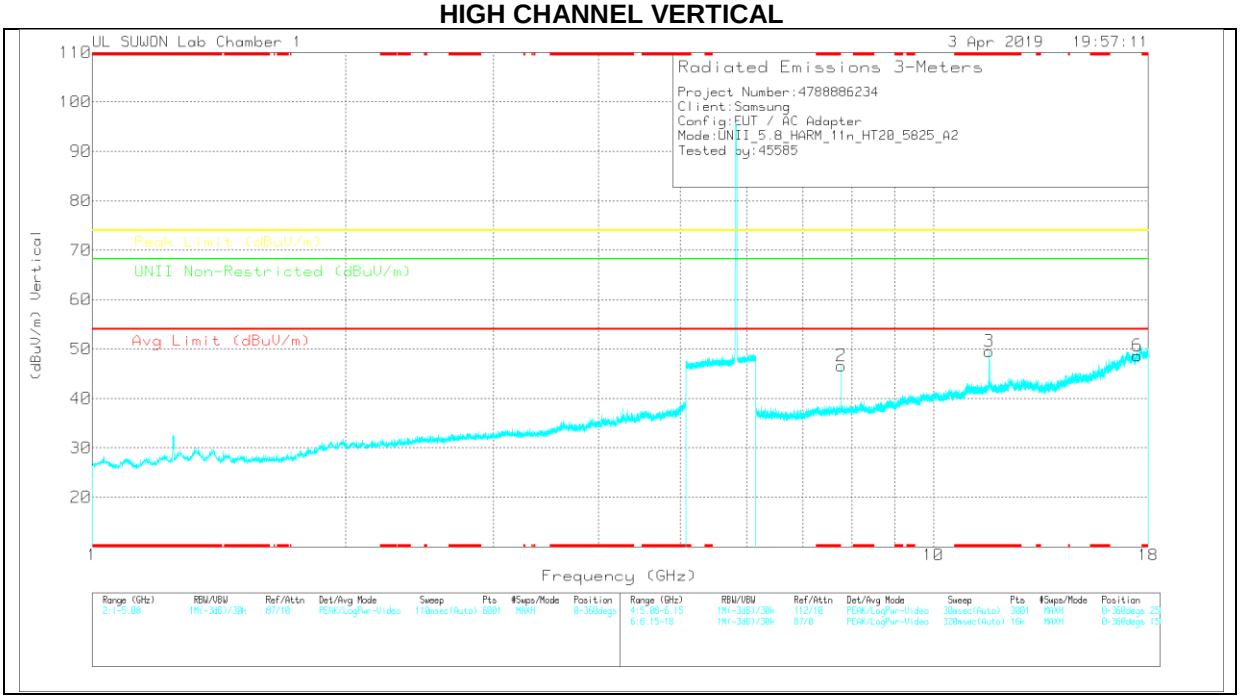
HIGH CHANNEL HORIZONTAL



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.

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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

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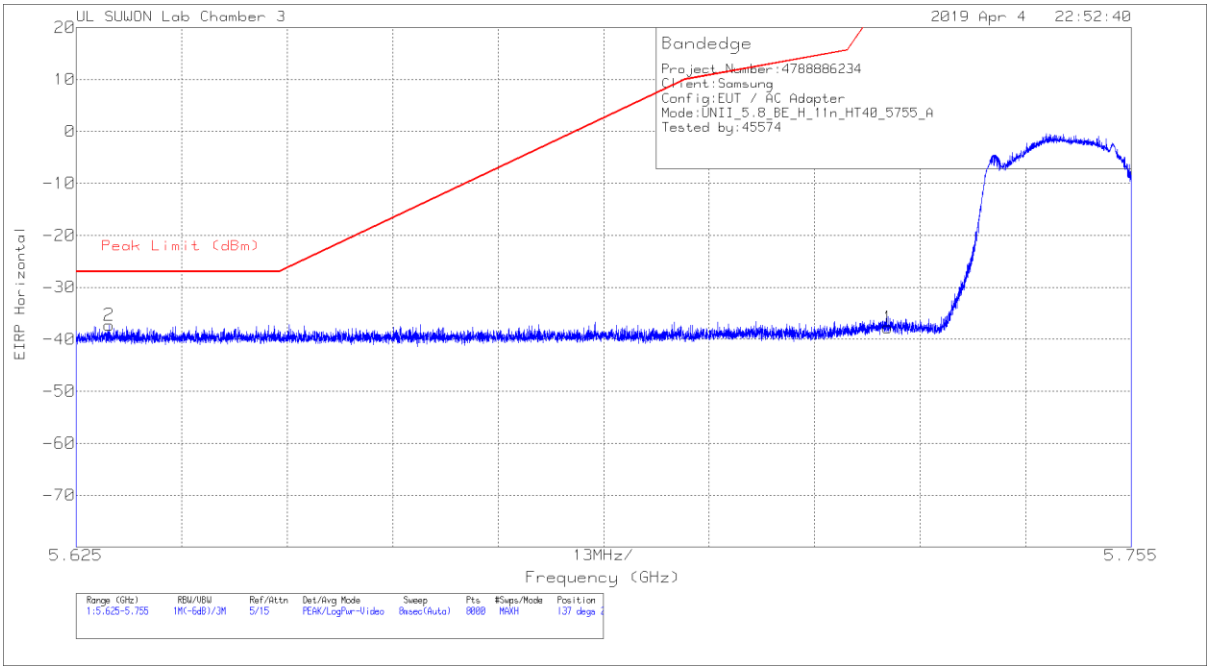
11.4.7. TX ABOVE 1GHz 802.11n HT40 2Tx CDD MODE IN THE 5.8GHz BAND BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK PLOT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	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

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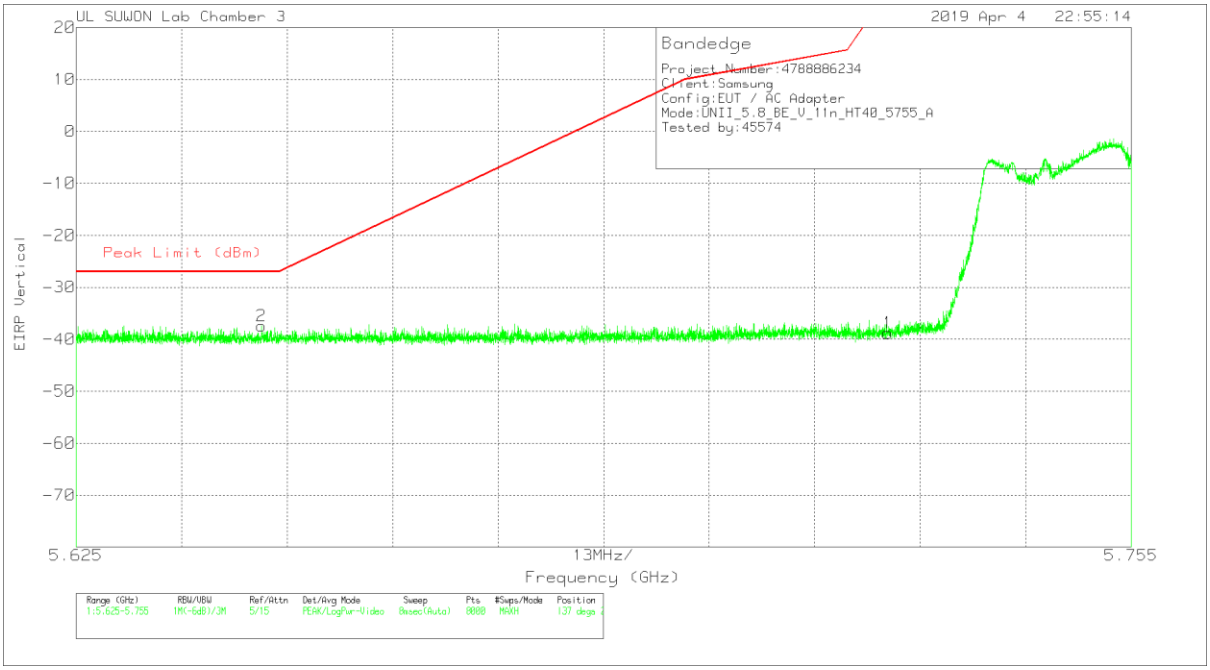
VERTICAL PEAK PLOT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	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

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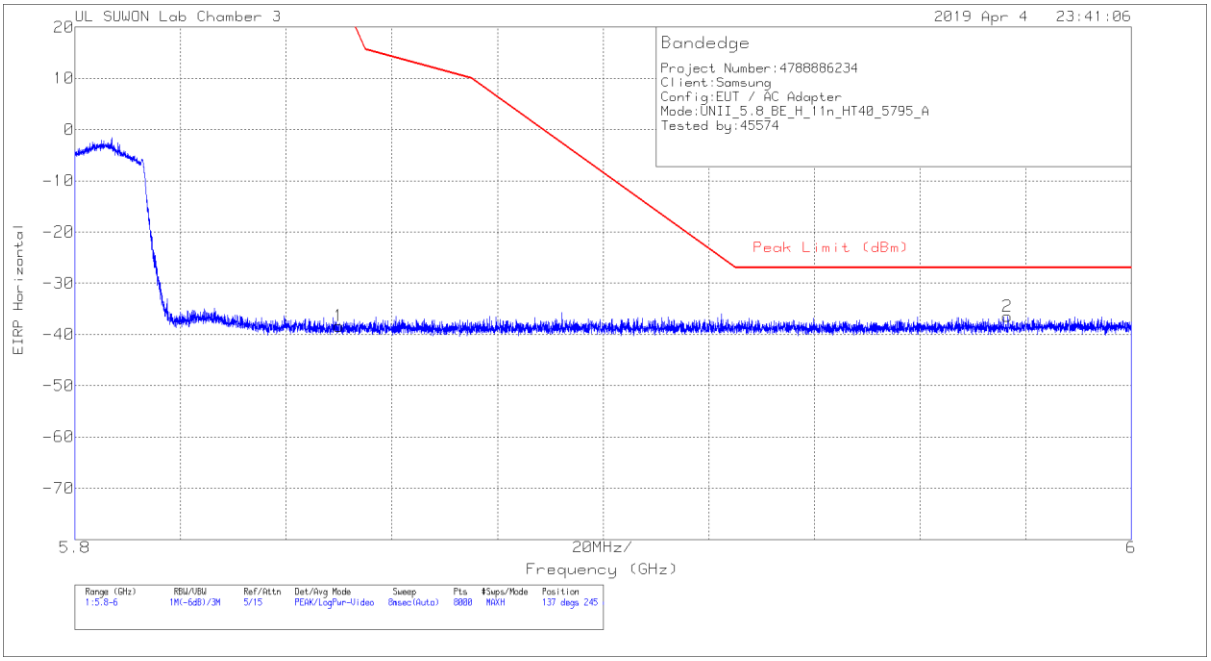
BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	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

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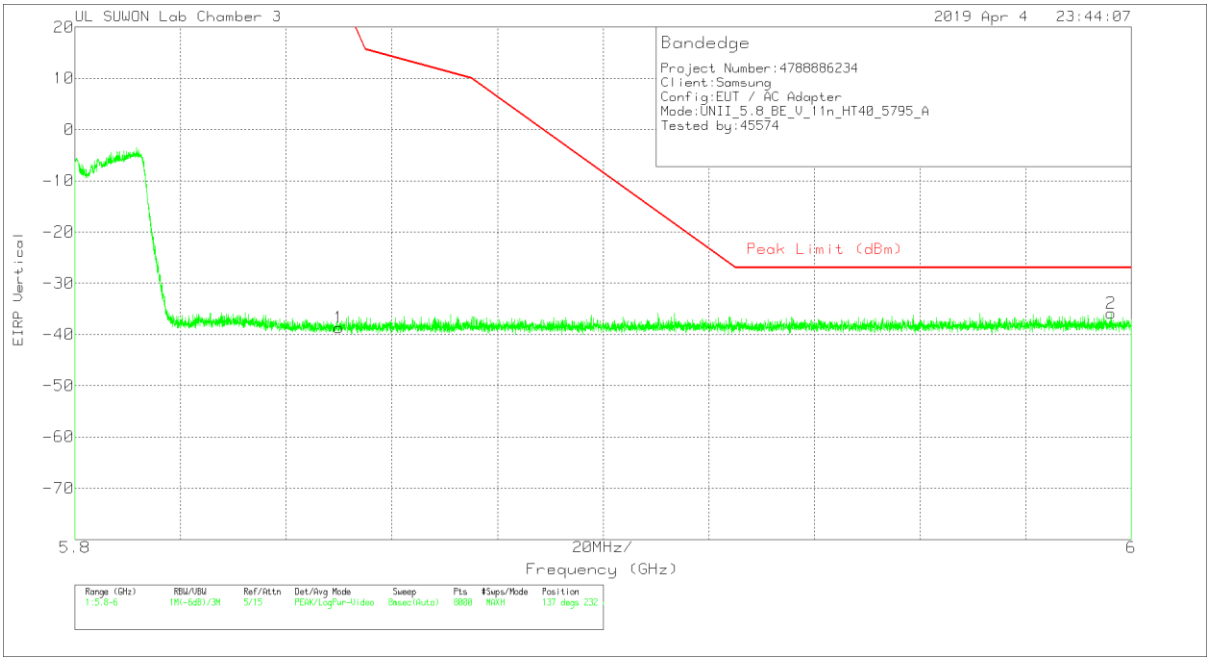
VERTICAL PEAK PLOT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	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

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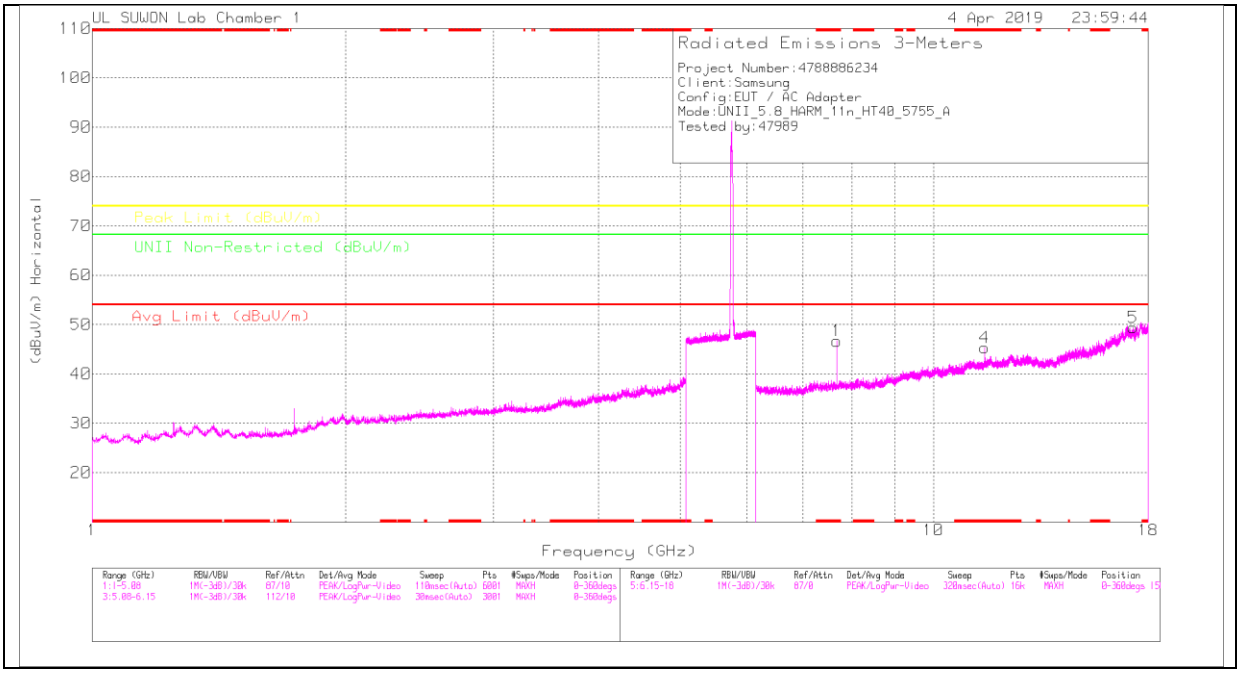
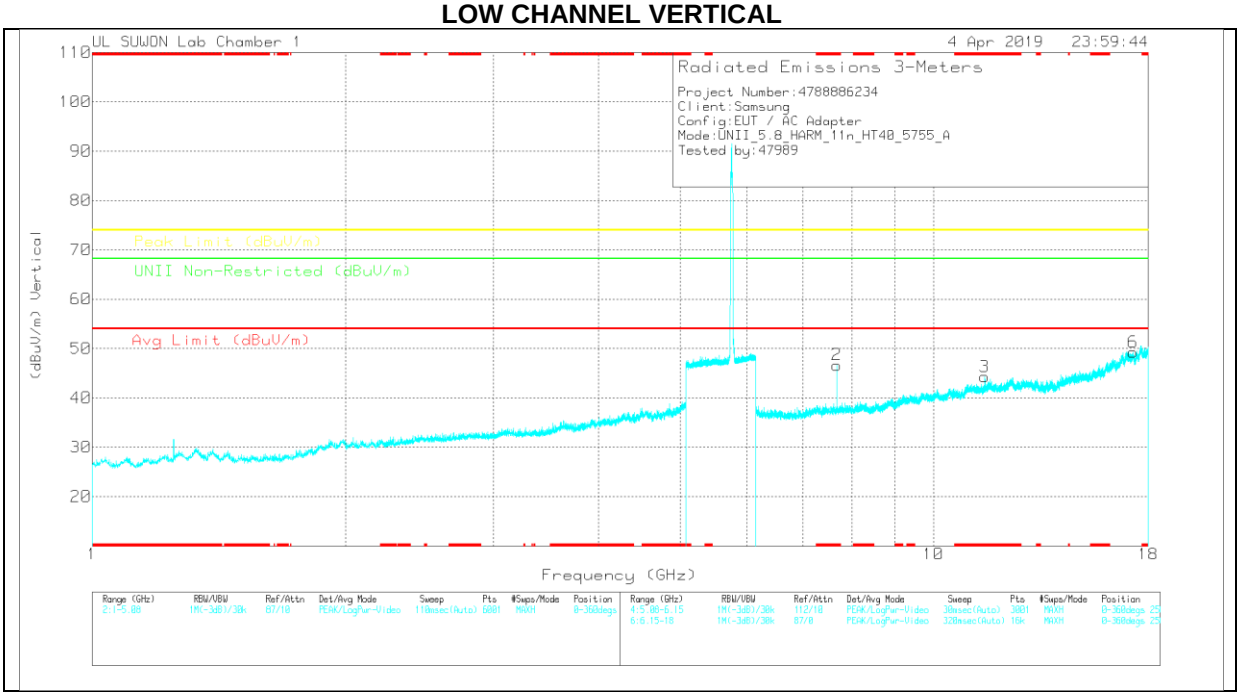
LOW CHANNEL HORIZONTAL



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.

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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

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