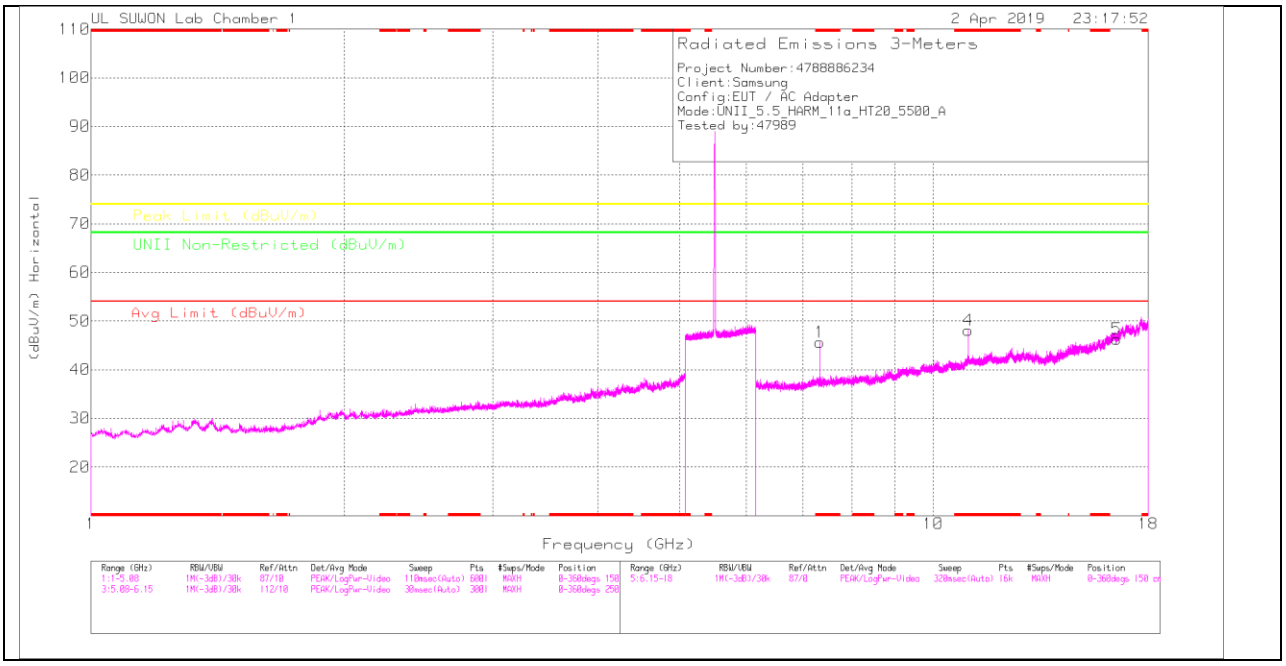
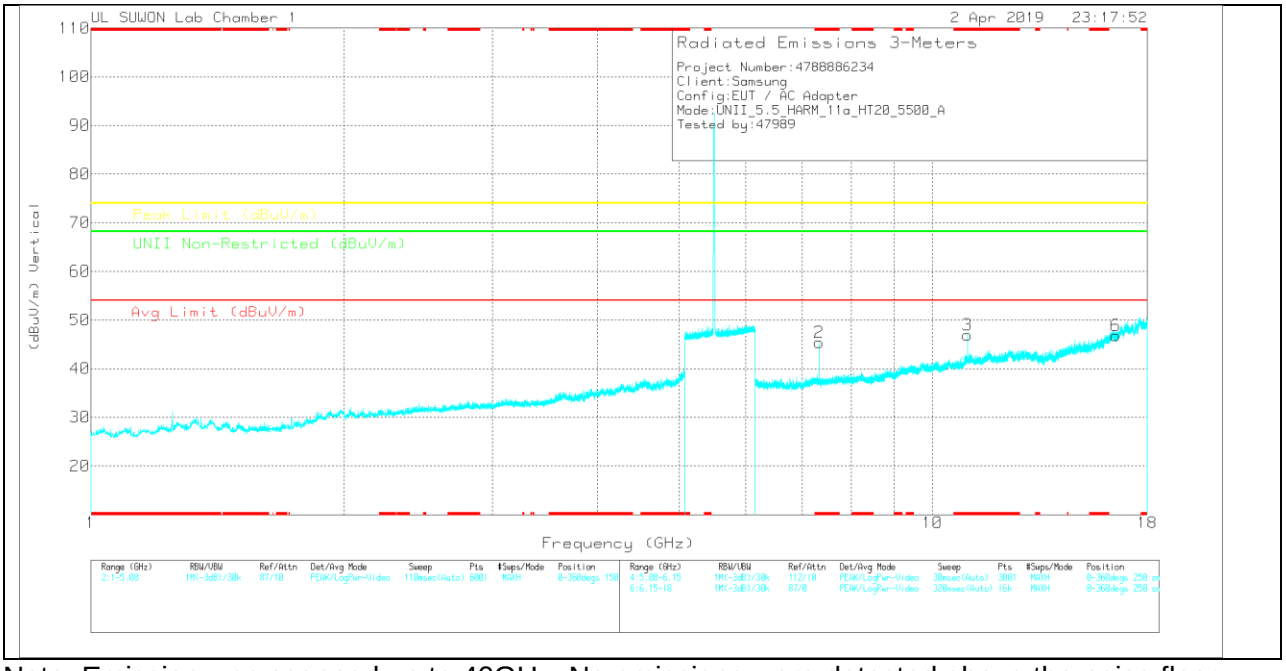
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.333	37.05	PK	35.8	-27.2	0	45.65	-	-	74	-28.35	-	-	0-360	150	H
4	* 10.999	31.52	PK	38.2	-21.6	0	48.12	-	-	74	-25.88	-	-	0-360	150	H
5	16.503	24.88	PK	40.9	-19.5	0	46.28	-	-	-	-	68.2	-21.92	0-360	150	H
2	* 7.333	36.78	PK	35.8	-27.2	0	45.38	-	-	74	-28.62	-	-	0-360	150	V
3	* 11	30.27	PK	38.2	-21.6	0	46.87	-	-	74	-27.13	-	-	0-360	150	V
6	16.501	25.26	PK	40.9	-19.4	0	46.76	-	-	-	-	68.2	-21.44	0-360	150	V

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.333	43.52	PK-U	35.8	-27.2	0	52.12	-	-	74	-21.88	-	-	163	320	H
* 7.333	35.9	ADR	35.8	-27.2	0	44.5	54	-9.5	-	-	-	-	163	320	H
* 7.333	43.04	PK-U	35.8	-27.2	0	51.64	-	-	74	-22.36	-	-	155	100	V
* 7.333	36.02	ADR	35.8	-27.2	0	44.62	54	-9.38	-	-	-	-	155	100	V
* 11	39.05	PK-U	38.2	-21.6	0	55.65	-	-	74	-18.35	-	-	206	152	V
* 11	29.1	ADR	38.2	-21.6	0	45.7	54	-8.3	-	-	-	-	206	152	V
* 11	41.62	PK-U	38.2	-21.6	0	58.22	-	-	74	-15.78	-	-	220	165	H
* 11	32.28	ADR	38.2	-21.6	0	48.88	54	-5.12	-	-	-	-	220	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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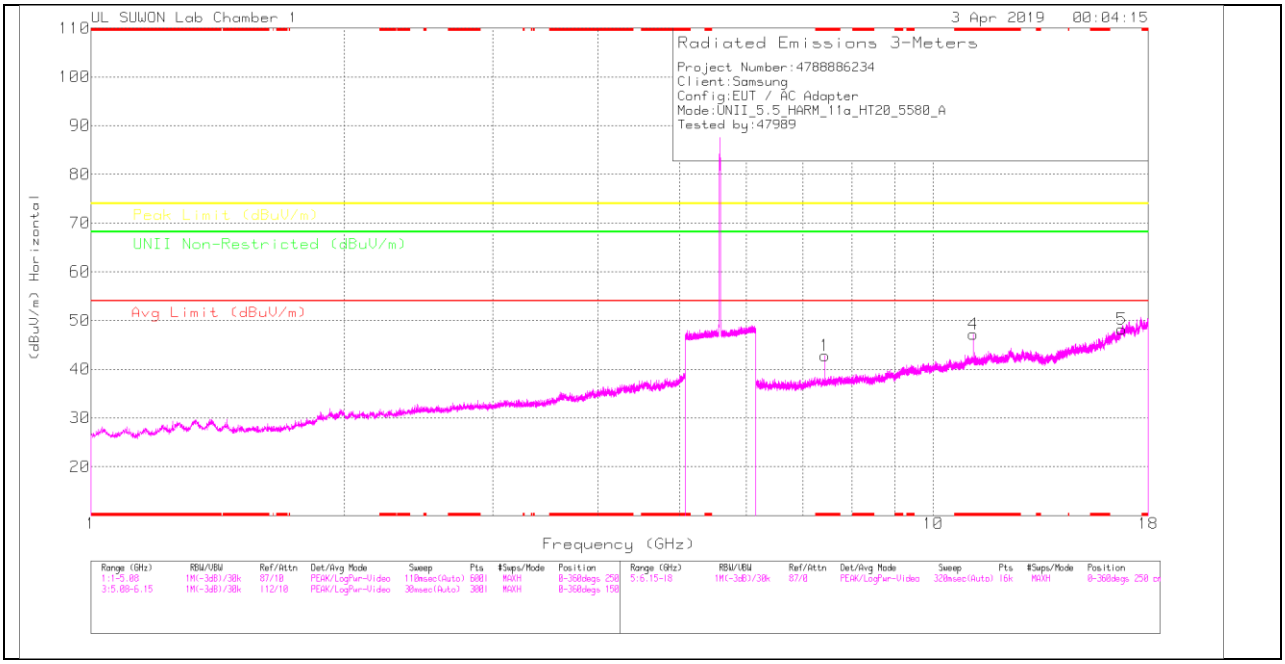
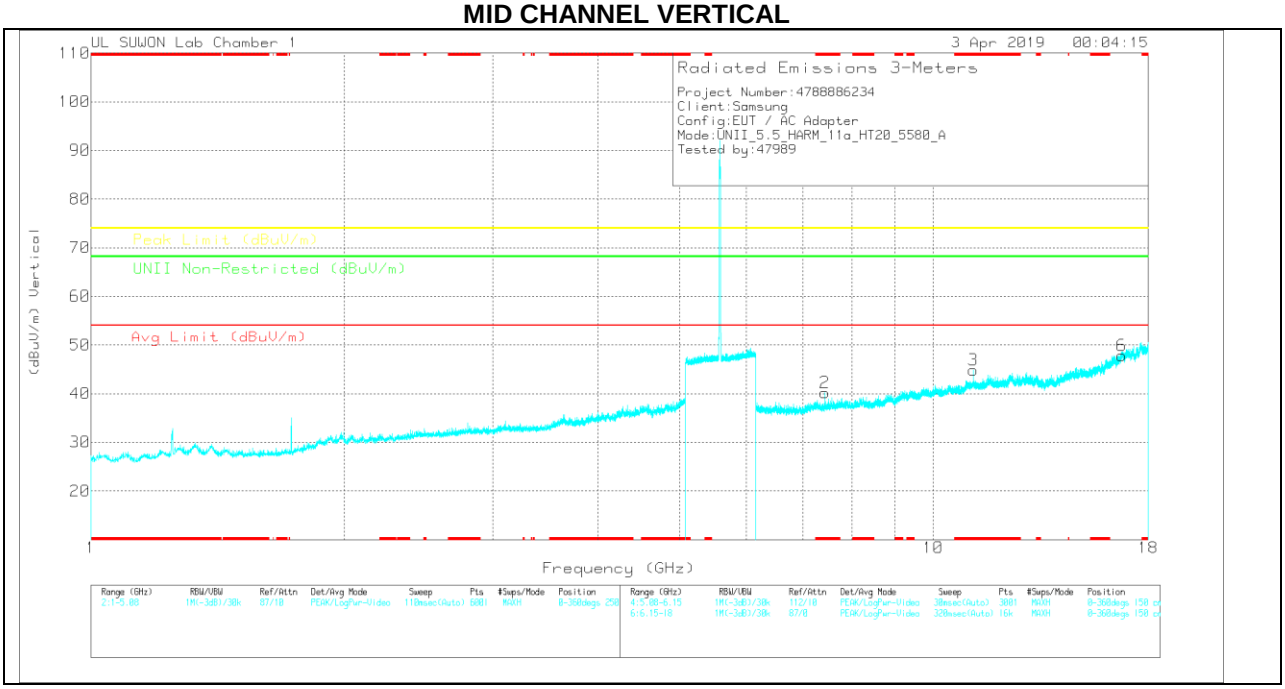
MID CHANNEL HORIZONTAL



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	* 7.439	34.24	PK	35.8	-27.3	0	42.74	-	-	74	-31.26	-	-	0-360	150	H
4	* 11.16	31.26	PK	38.3	-22.4	0	47.16	-	-	74	-26.84	-	-	0-360	150	H
5	16.743	24.25	PK	41.3	-17.3	0	48.25	-	-	-	-	68.2	-19.95	0-360	250	H
2	* 7.439	31.67	PK	35.8	-27.3	0	40.17	-	-	74	-33.83	-	-	0-360	150	V
3	* 11.16	28.94	PK	38.3	-22.4	0	44.84	-	-	74	-29.16	-	-	0-360	150	V
6	16.741	23.87	PK	41.3	-17.3	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
* 7.44	42.7	PK-U	35.8	-27.4	0	51.1	-	-	74	-22.9	-	-	247	181	H
* 7.44	35.12	ADR	35.8	-27.3	0	43.62	54	-10.38	-	-	-	-	247	181	H
* 7.44	42.03	PK-U	35.8	-27.4	0	50.43	-	-	74	-23.57	-	-	200	181	V
* 7.44	33.31	ADR	35.8	-27.4	0	41.71	54	-12.29	-	-	-	-	200	181	V
* 11.16	39.39	PK-U	38.3	-22.4	0	55.29	-	-	74	-18.71	-	-	184	147	V
* 11.16	27.73	ADR	38.3	-22.4	0	43.63	54	-10.37	-	-	-	-	184	147	V
* 11.16	39.9	PK-U	38.3	-22.4	0	55.8	-	-	74	-18.2	-	-	220	158	H
* 11.16	29.96	ADR	38.3	-22.4	0	45.86	54	-8.14	-	-	-	-	220	158	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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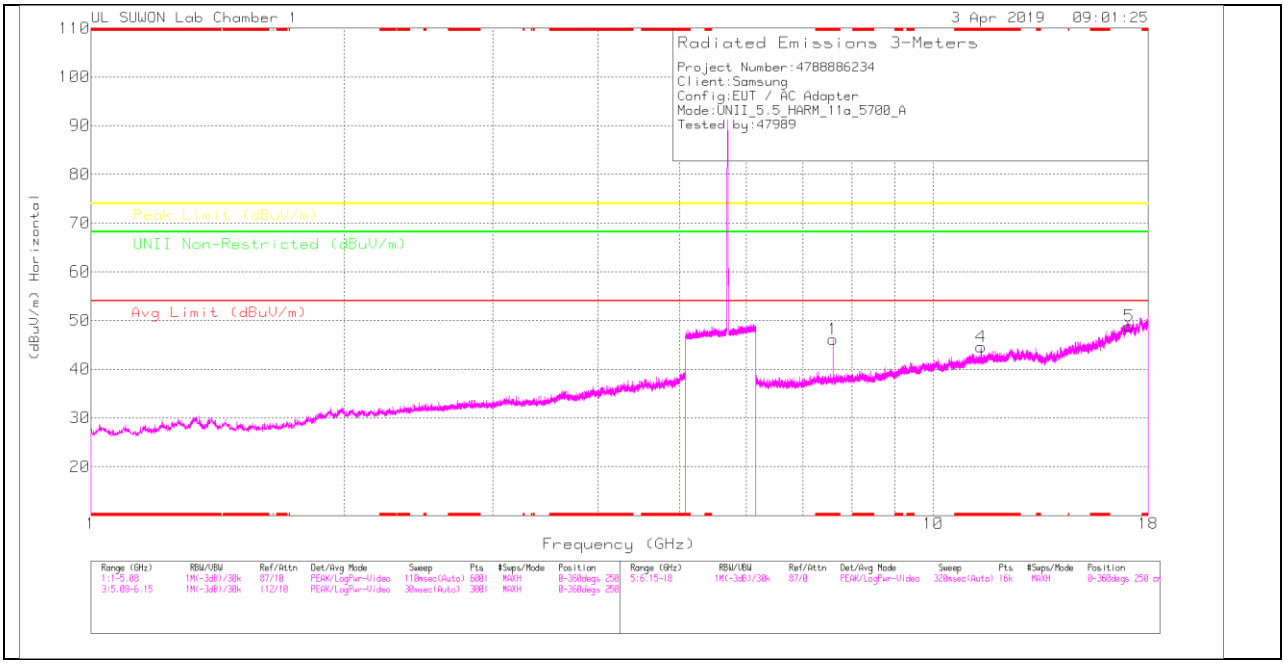
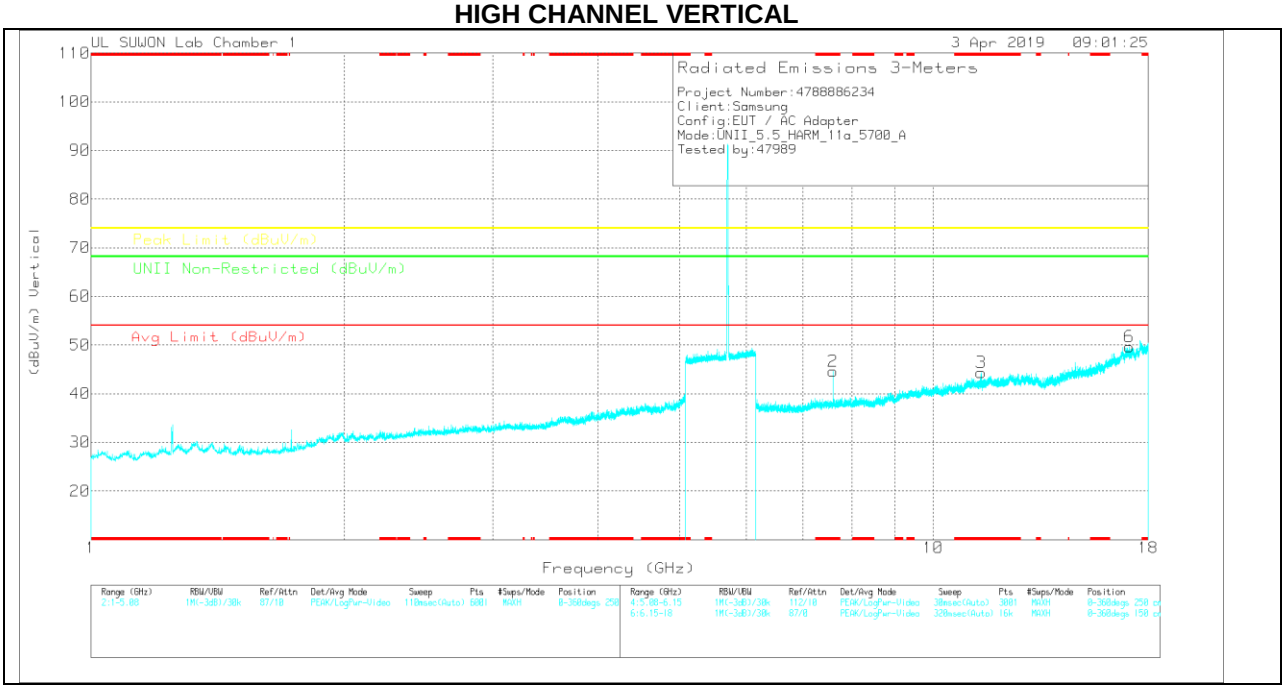
HIGH CHANNEL HORIZONTAL



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	* 7.6	36.87	PK	35.8	-26.5	0	46.17	-	-	74	-27.83	-	-	0-360	150	H
4	* 11.4	28.65	PK	38.4	-22.4	0	44.65	-	-	74	-29.35	-	-	0-360	250	H
5	17.1	24.5	PK	41.6	-17.2	0	48.9	-	-	-	-	68.2	-19.3	0-360	150	H
2	* 7.6	35.33	PK	35.8	-26.5	0	44.63	-	-	74	-29.37	-	-	0-360	150	V
3	* 11.4	28.28	PK	38.4	-22.4	0	44.28	-	-	74	-29.72	-	-	0-360	150	V
6	17.098	25.22	PK	41.6	-17.2	0	49.62	-	-	-	-	68.2	-18.58	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
* 7.6	42.47	PK-U	35.8	-26.5	0	51.77	-	-	74	-22.23	-	-	208	169	H
* 7.6	36.32	ADR	35.8	-26.5	0	45.62	54	-8.38	-	-	-	-	208	169	H
* 7.6	42.01	PK-U	35.8	-26.5	0	51.31	-	-	74	-22.69	-	-	198	161	V
* 7.6	35.09	ADR	35.8	-26.5	0	44.39	54	-9.61	-	-	-	-	198	161	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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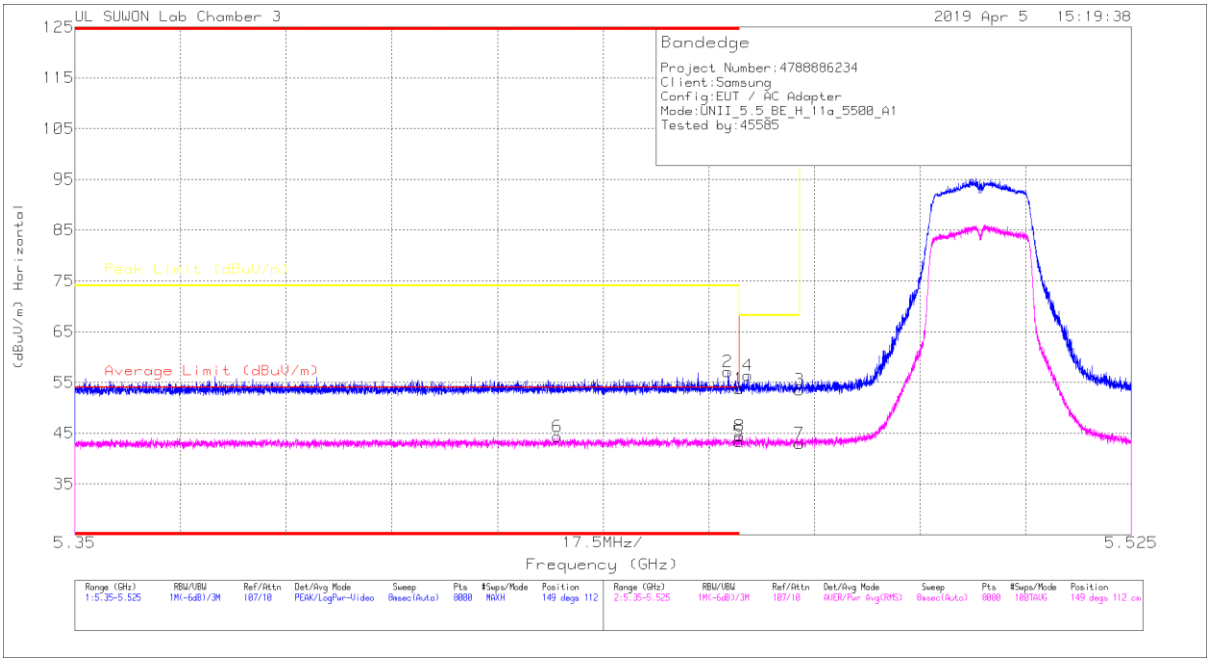
11.3.2.TX ABOVE 1 GHz 802.11a 1Tx ANT1 IN THE 5.5 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.48	Pk	34.7	-18.4	0	53.78	-	-	74	-20.22	149	112	H
2	* 5.458	40.91	Pk	34.7	-18.5	0	57.11	-	-	74	-16.89	149	112	H
3	5.47	37.28	Pk	34.7	-18.5	0	53.48	-	-	68.2	-14.72	149	112	H
4	5.461	40.13	Pk	34.7	-18.4	0	56.43	-	-	68.2	-11.77	149	112	H
5	* 5.46	27.6	RMS	34.7	-19	0	43.3	54	-10.7	-	-	149	112	H
6	* 5.43	28.61	RMS	34.7	-19	0	44.31	54	-9.69	-	-	149	112	H
7	5.47	27.13	RMS	34.7	-18.9	0	42.93	-	-	-	-	149	112	H
8	5.46	28.79	RMS	34.7	-19	0	44.49	-	-	-	-	149	112	H

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

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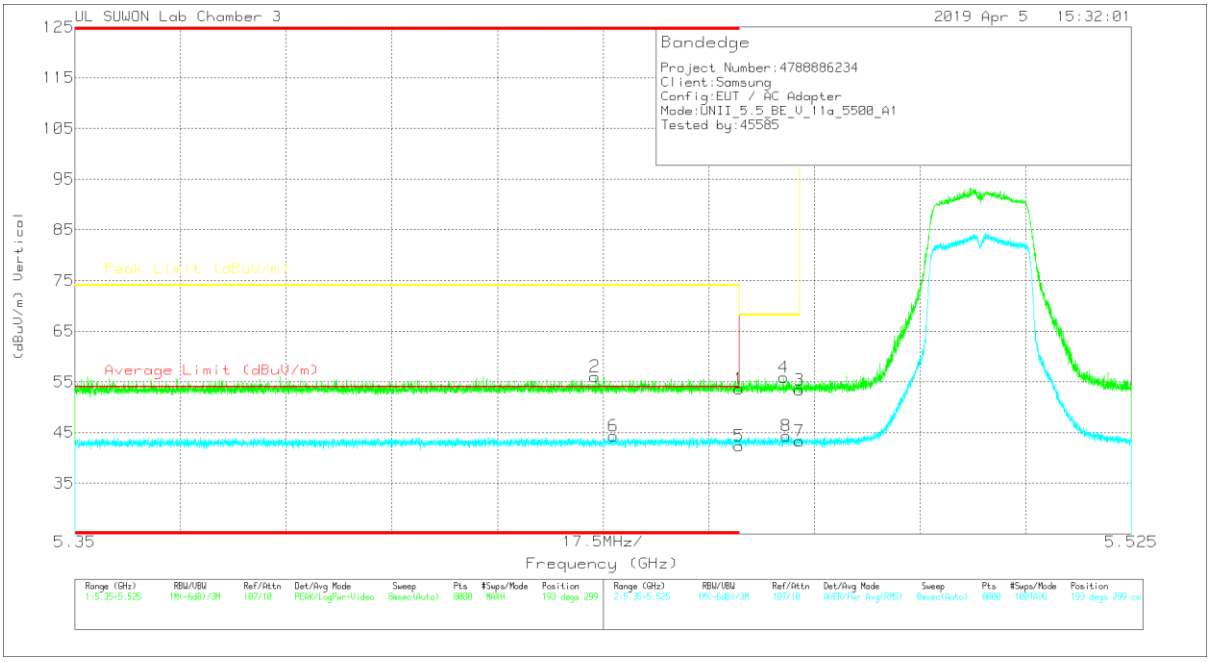
VERTICAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.29	Pk	34.7	-18.4	0	53.59	-	-	74	-20.41	193	299	V
2	* 5.436	39.96	Pk	34.7	-18.6	0	56.06	-	-	74	-17.94	193	299	V
3	5.47	37.17	Pk	34.7	-18.5	0	53.37	-	-	68.2	-14.83	193	299	V
4	5.467	39.69	Pk	34.7	-18.5	0	55.89	-	-	68.2	-12.31	193	299	V
5	* 5.46	26.6	RMS	34.7	-19	0	42.3	54	-11.7	-	-	193	299	V
6	* 5.439	28.62	RMS	34.7	-19	0	44.32	54	-9.68	-	-	193	299	V
7	5.47	27.54	RMS	34.7	-18.9	0	43.34	-	-	-	-	193	299	V
8	5.468	28.48	RMS	34.7	-18.9	0	44.28	-	-	-	-	193	299	V

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

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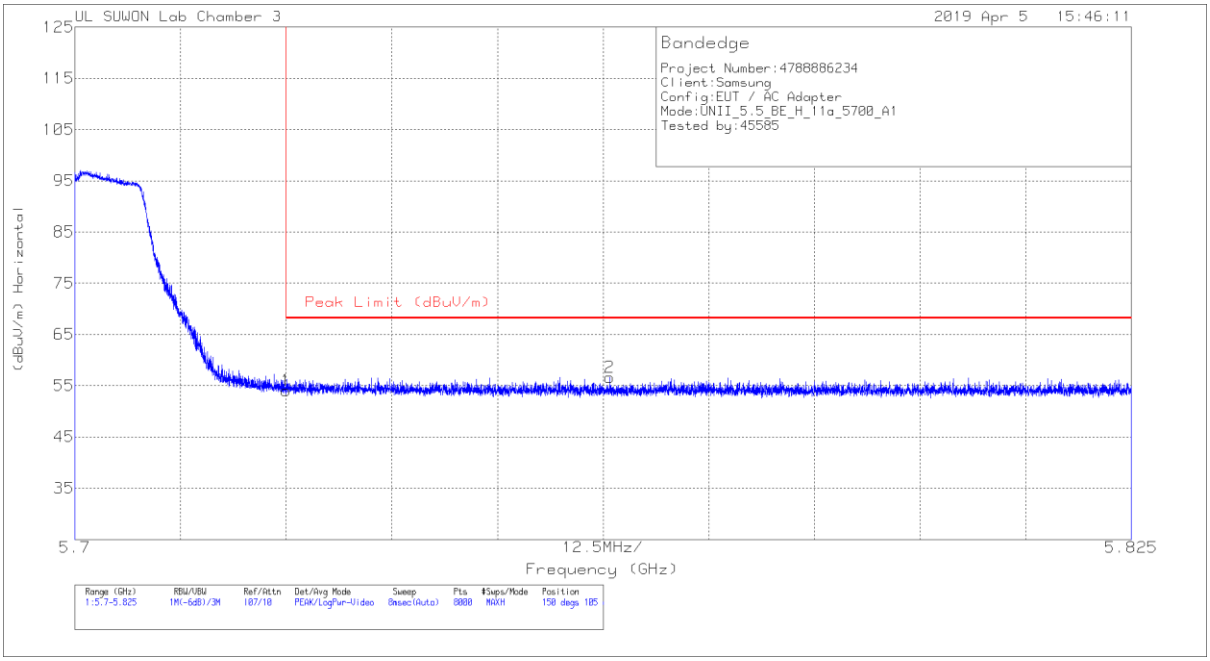
AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0020595 9	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.1	Pk	34.8	-17.9	0	54	68.2	-14.2	150	105	H
2	5.763	39.74	Pk	34.8	-17.9	0	56.64	68.2	-11.56	150	105	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE DATA

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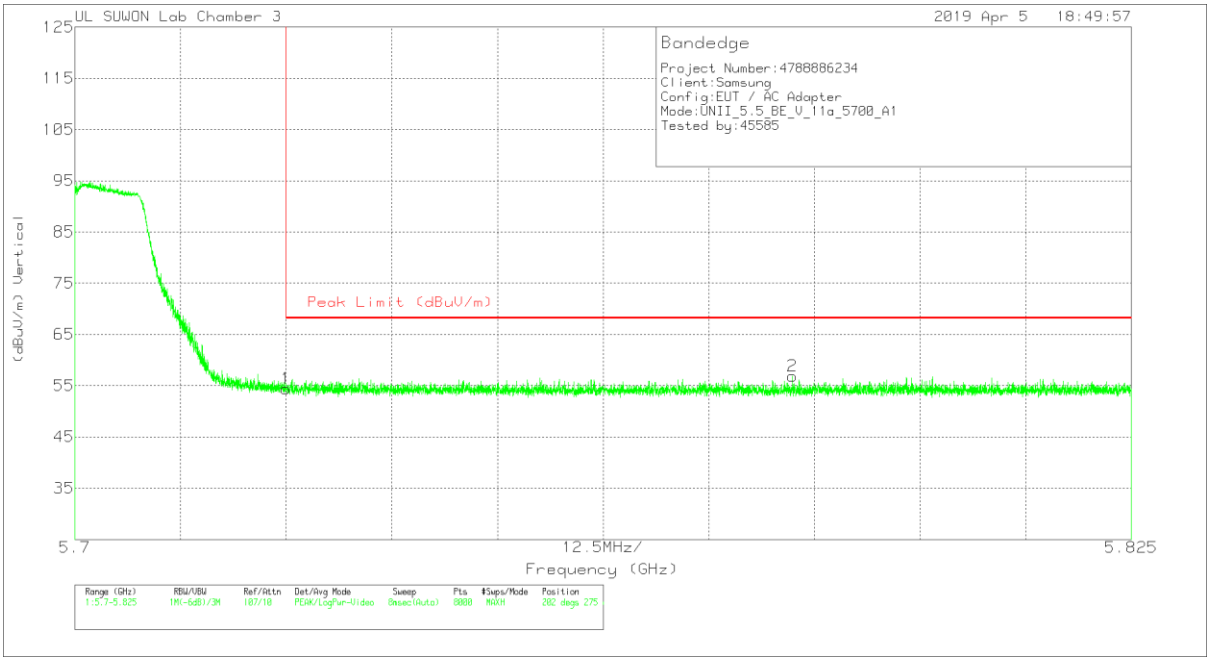

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.48	Pk	34.8	-17.9	54.38	68.2	-13.82	202	275	V
2	5.785	39.73	Pk	34.9	-17.8	56.83	68.2	-11.37	202	275	V

Pk - Peak detector

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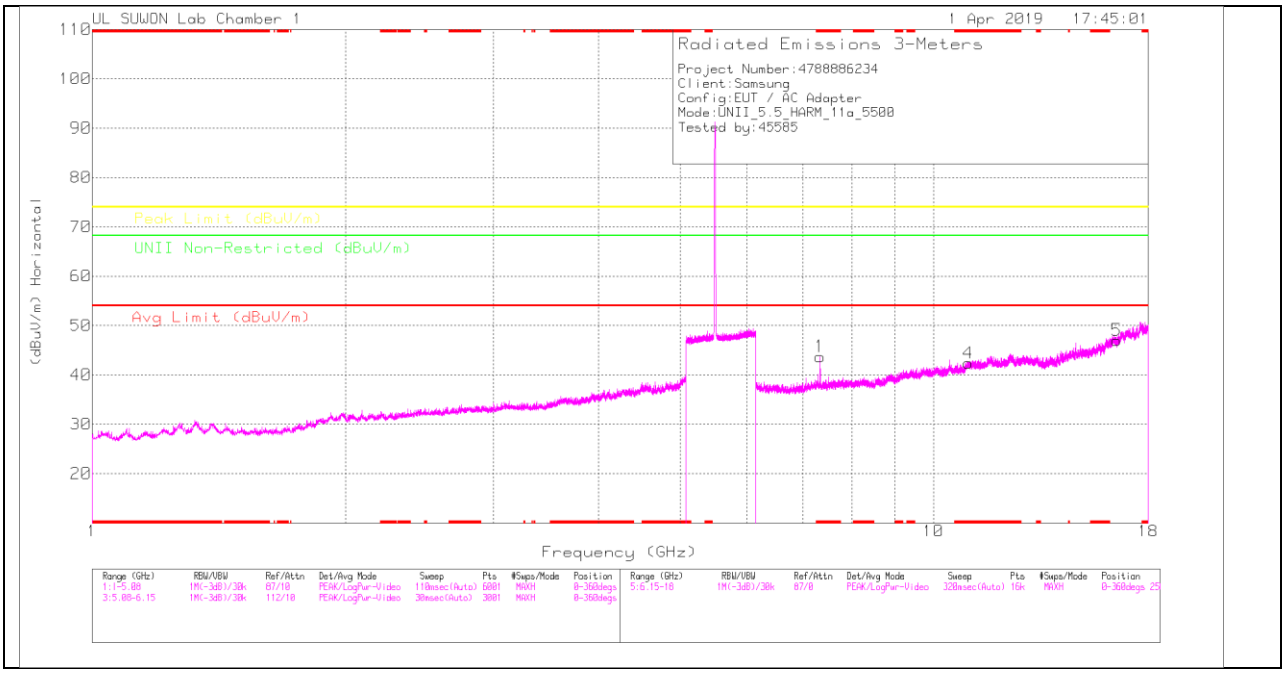
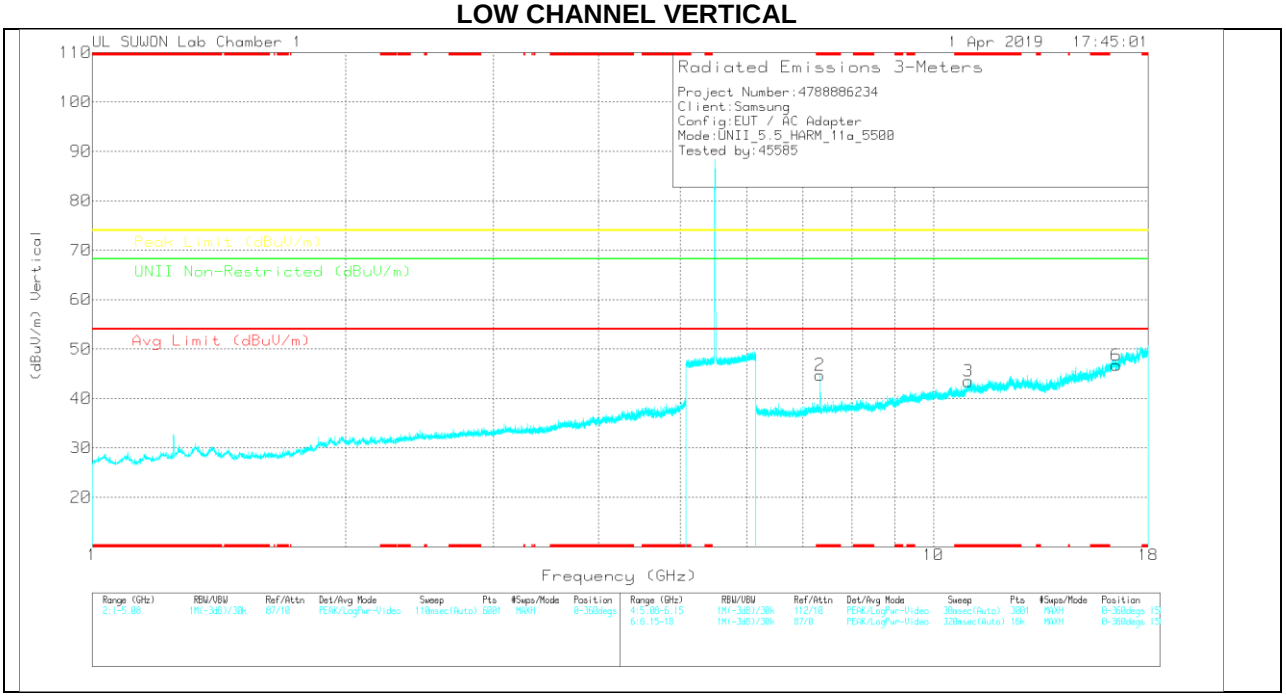
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.333	35.12	PK	35.8	-27.2	0	43.72	-	-	74	-30.28	-	-	0-360	150	H
4	* 11.002	25.78	PK	38.2	-21.6	0	42.38	-	-	74	-31.62	-	-	0-360	250	H
5	16.504	25.6	PK	40.9	-19.5	0	47	-	-	-	-	68.2	-21.2	0-360	150	H
2	* 7.333	36.12	PK	35.8	-27.2	0	44.72	-	-	74	-29.28	-	-	0-360	150	V
3	* 10.999	26.9	PK	38.2	-21.6	0	43.5	-	-	74	-30.5	-	-	0-360	250	V
6	16.496	25.29	PK	40.9	-19.5	0	46.69	-	-	-	-	68.2	-21.51	0-360	150	V

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.333	43.15	PK-U	35.8	-27.2	0	51.75	-	-	74	-22.25	-	-	107	110	H
* 7.333	34.36	ADR	35.8	-27.2	0	42.96	54	-11.04	-	-	-	-	107	110	H
* 7.333	44.14	PK-U	35.8	-27.2	0	52.74	-	-	74	-21.26	-	-	286	102	V
* 7.333	37.35	ADR	35.8	-27.2	0	45.95	54	-8.05	-	-	-	-	286	102	V

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

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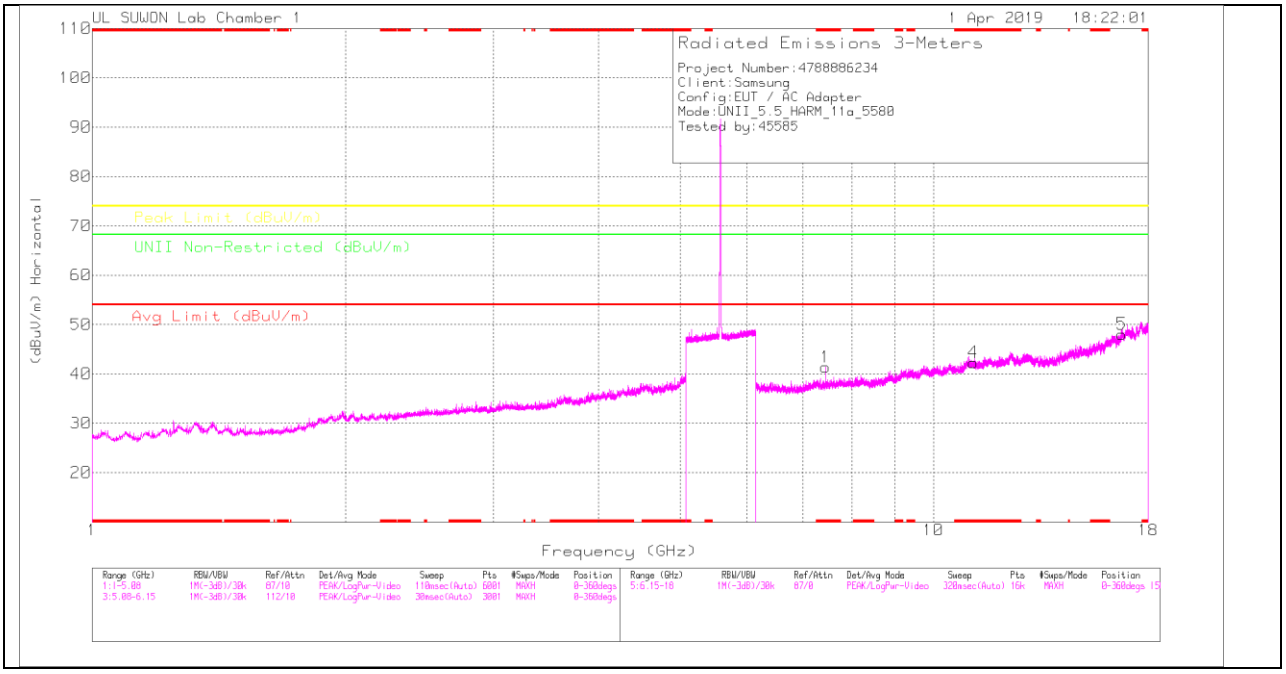
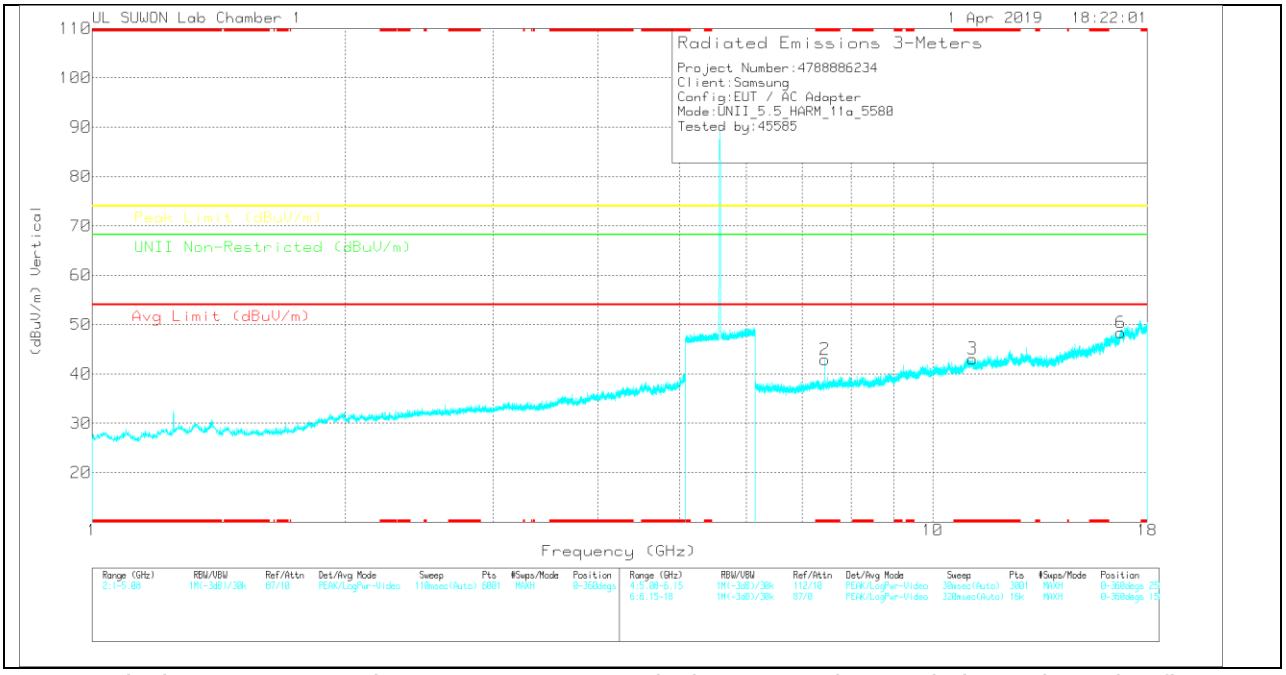
MID CHANNEL HORIZONTAL



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	* 7.44	32.97	PK	35.8	-27.4	0	41.37	-	-	74	-32.63	-	-	0-360	250	H
4	* 11.156	26.39	PK	38.3	-22.4	0	42.29	-	-	74	-31.71	-	-	0-360	150	H
5	16.74	24.05	PK	41.3	-17.3	0	48.05	-	-	-	-	68.2	-20.15	0-360	150	H
2	* 7.439	34.44	PK	35.8	-27.3	0	42.94	-	-	74	-31.06	-	-	0-360	150	V
3	* 11.16	27.18	PK	38.3	-22.4	0	43.08	-	-	74	-30.92	-	-	0-360	150	V
6	16.743	24.39	PK	41.3	-17.3	0	48.39	-	-	-	-	68.2	-19.81	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
* 7.44	40.66	PK-U	35.8	-27.4	0	49.06	-	-	74	-24.94	-	-	107	110	H
* 7.44	29.93	ADR	35.8	-27.4	0	38.33	54	-15.67	-	-	-	-	107	110	H
* 7.44	43.32	PK-U	35.8	-27.4	0	51.72	-	-	74	-22.28	-	-	286	100	V
* 7.44	36.3	ADR	35.8	-27.4	0	44.7	54	-9.3	-	-	-	-	286	100	V

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

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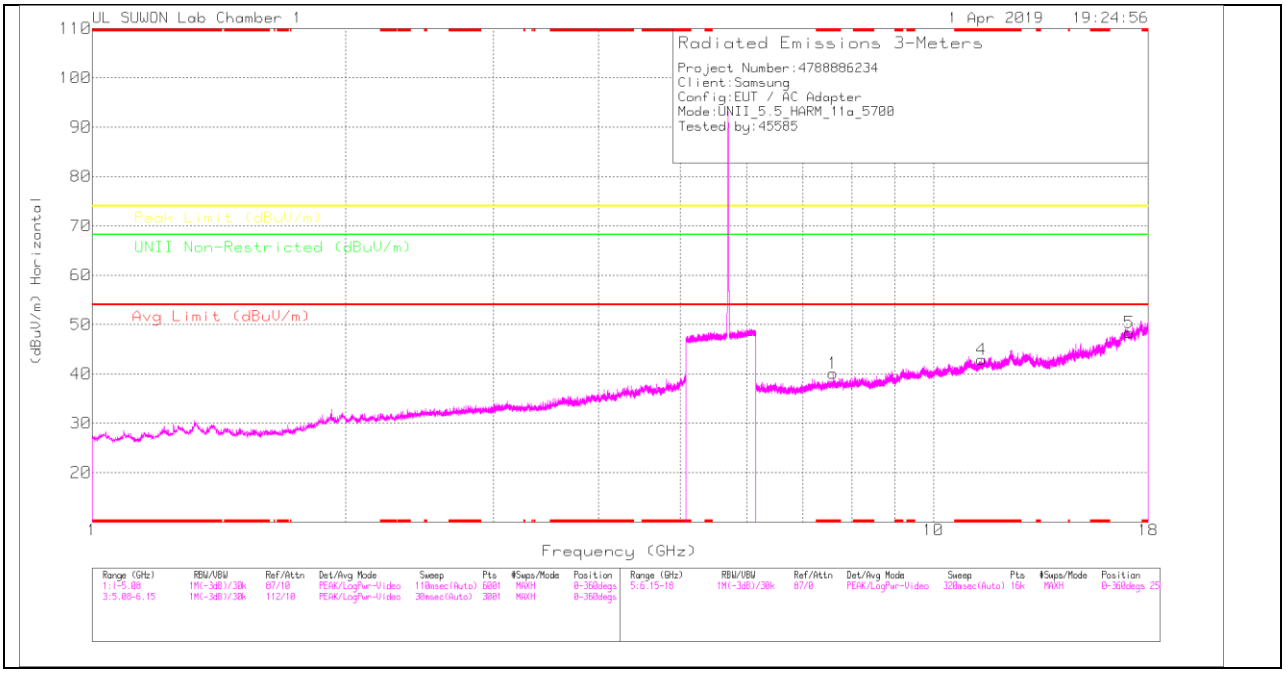
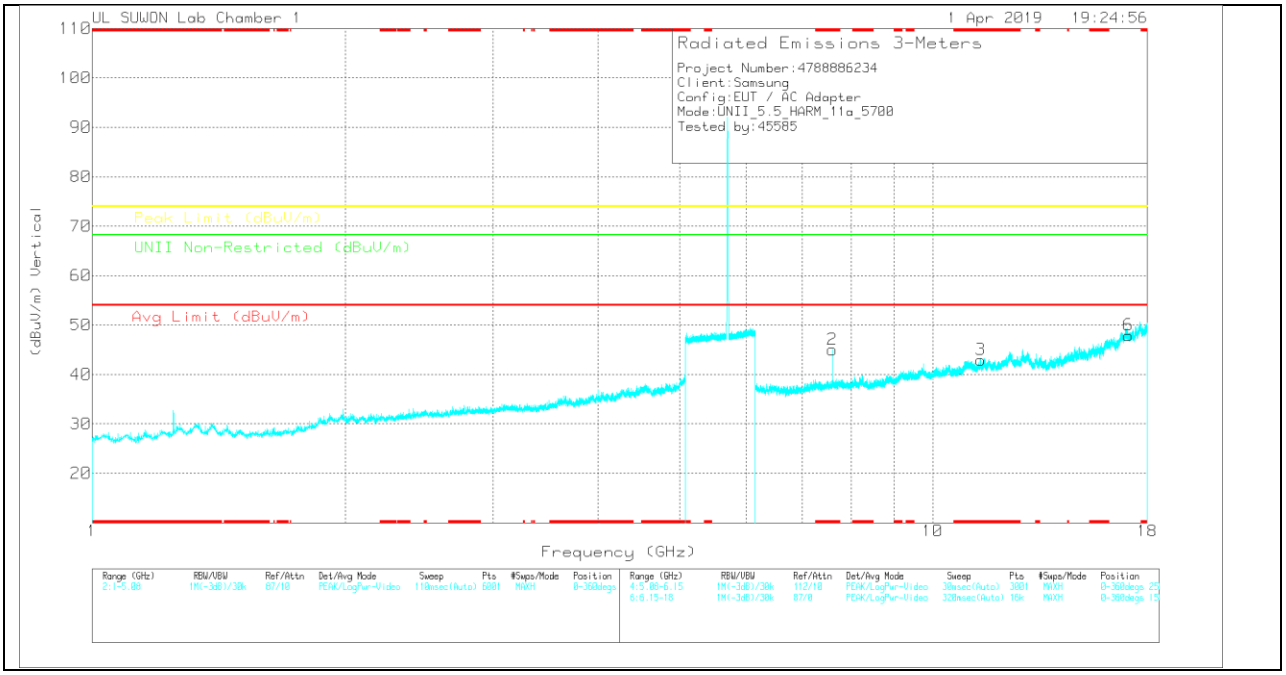
HIGH CHANNEL HORIZONTAL



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	* 7.6	30.79	PK	35.8	-26.5	0	40.09	-	-	74	-33.91	-	-	0-360	150	H
4	* 11.401	26.81	PK	38.5	-22.4	0	42.91	-	-	74	-31.09	-	-	0-360	250	H
5	17.098	23.98	PK	41.6	-17.2	0	48.38	-	-	-	-	68.2	-19.82	0-360	150	H
2	* 7.6	35.72	PK	35.8	-26.5	0	45.02	-	-	74	-28.98	-	-	0-360	150	V
3	* 11.4	26.96	PK	38.4	-22.4	0	42.96	-	-	74	-31.04	-	-	0-360	150	V
6	17.097	23.53	PK	41.6	-17.2	0	47.93	-	-	-	-	68.2	-20.27	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
* 7.6	39.86	PK-U	35.8	-26.5	0	49.16	-	-	74	-24.84	-	-	107	110	H
* 7.6	29.59	ADR	35.8	-26.5	0	38.89	54	-15.11	-	-	-	-	107	110	H
* 7.6	39.36	PK-U	35.8	-26.5	0	48.66	-	-	74	-25.34	-	-	286	100	H
* 7.6	27.69	ADR	35.8	-26.5	0	36.99	54	-17.01	-	-	-	-	286	100	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

11.3.3.TX ABOVE 1 GHz 802.11a 1Tx ANT2 IN THE 5.5 GHz BAND

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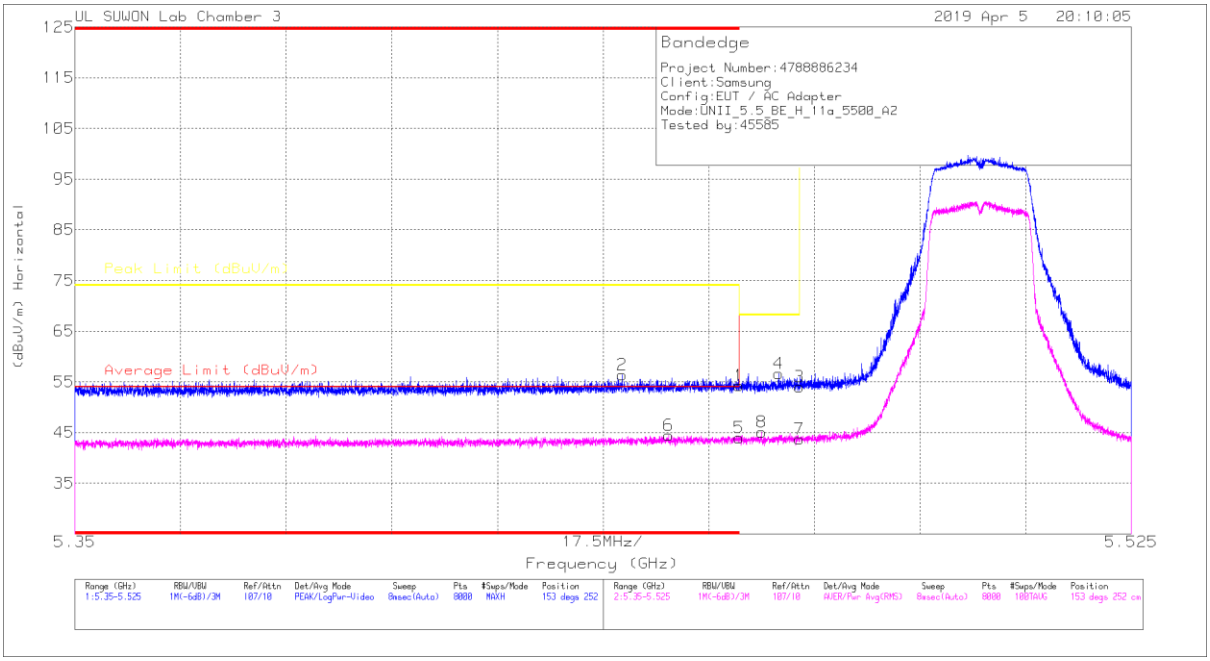
RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.92	Pk	34.7	-18.4	0	54.22	-	-	74	-19.78	153	252	H
2	* 5.441	40.19	Pk	34.7	-18.5	0	56.39	-	-	74	-17.61	153	252	H
3	5.47	37.81	Pk	34.7	-18.5	0	54.01	-	-	68.2	-14.19	153	252	H
4	5.467	40.42	Pk	34.7	-18.5	0	56.62	-	-	68.2	-11.58	153	252	H
5	* 5.46	28.3	RMS	34.7	-19	0	44	54	-10	-	-	153	252	H
6	* 5.448	28.76	RMS	34.7	-19	0	44.46	54	-9.54	-	-	153	252	H
7	5.47	27.94	RMS	34.7	-18.9	0	43.74	-	-	-	-	153	252	H
8	5.464	29.25	RMS	34.7	-18.9	0	45.05	-	-	-	-	153	252	H

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

VERTICAL PEAK AND AVERAGE DATA

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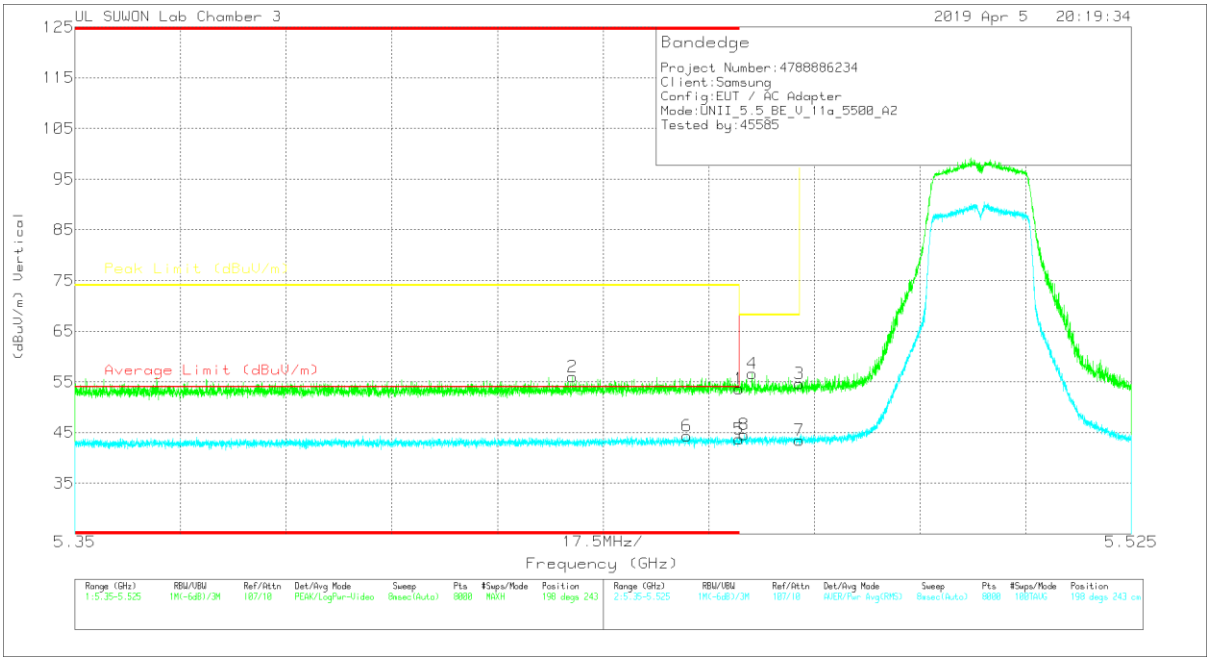

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.4	Pk	34.7	-18.4	0	53.7	-	-	74	-20.3	198	243	V
2	* 5.432	39.76	Pk	34.7	-18.5	0	55.96	-	-	74	-18.04	198	243	V
3	5.47	38.47	Pk	34.7	-18.5	0	54.67	-	-	68.2	-13.53	198	243	V
4	5.462	40.38	Pk	34.7	-18.5	0	56.58	-	-	68.2	-11.62	198	243	V
5	* 5.46	27.96	RMS	34.7	-19	0	43.66	54	-10.34	-	-	198	243	V
6	* 5.451	28.68	RMS	34.7	-19	0	44.38	54	-9.62	-	-	198	243	V
7	5.47	27.64	RMS	34.7	-18.9	0	43.44	-	-	-	-	198	243	V
8	5.461	28.87	RMS	34.7	-19	0	44.57	-	-	-	-	198	243	V

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

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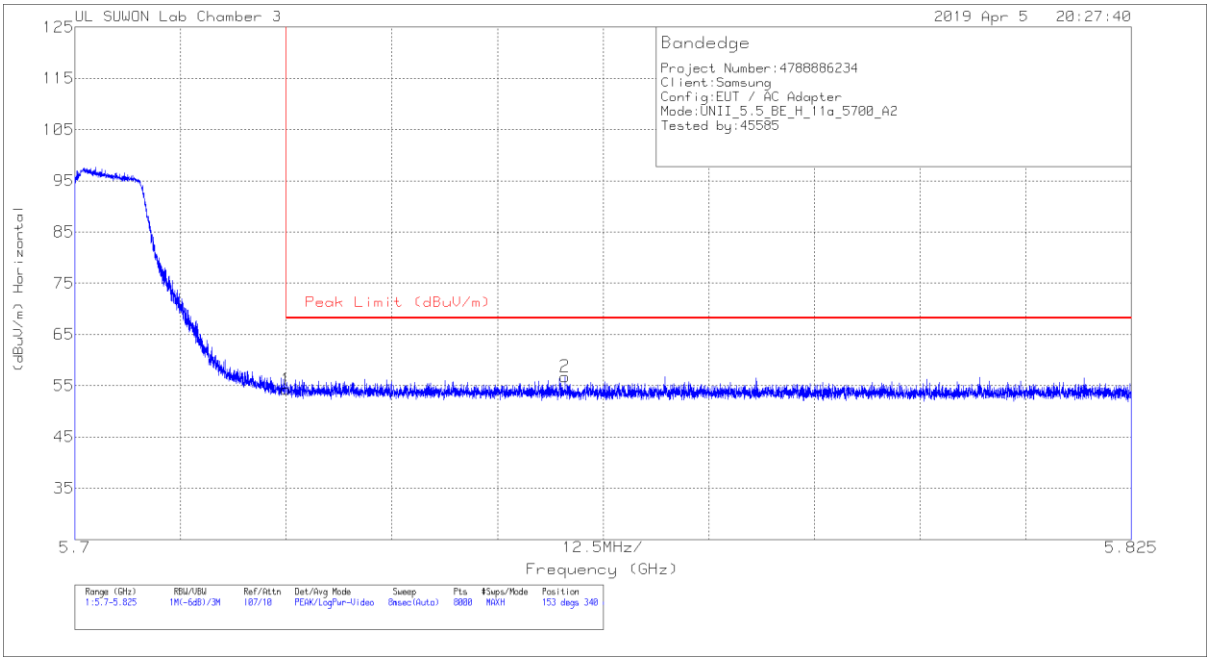
AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0020595 9	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.39	Pk	34.8	-17.9	0	54.29	68.2	-13.91	153	340	H
2	5.758	39.81	Pk	34.8	-17.8	0	56.81	68.2	-11.39	153	340	H

Pk - Peak detector

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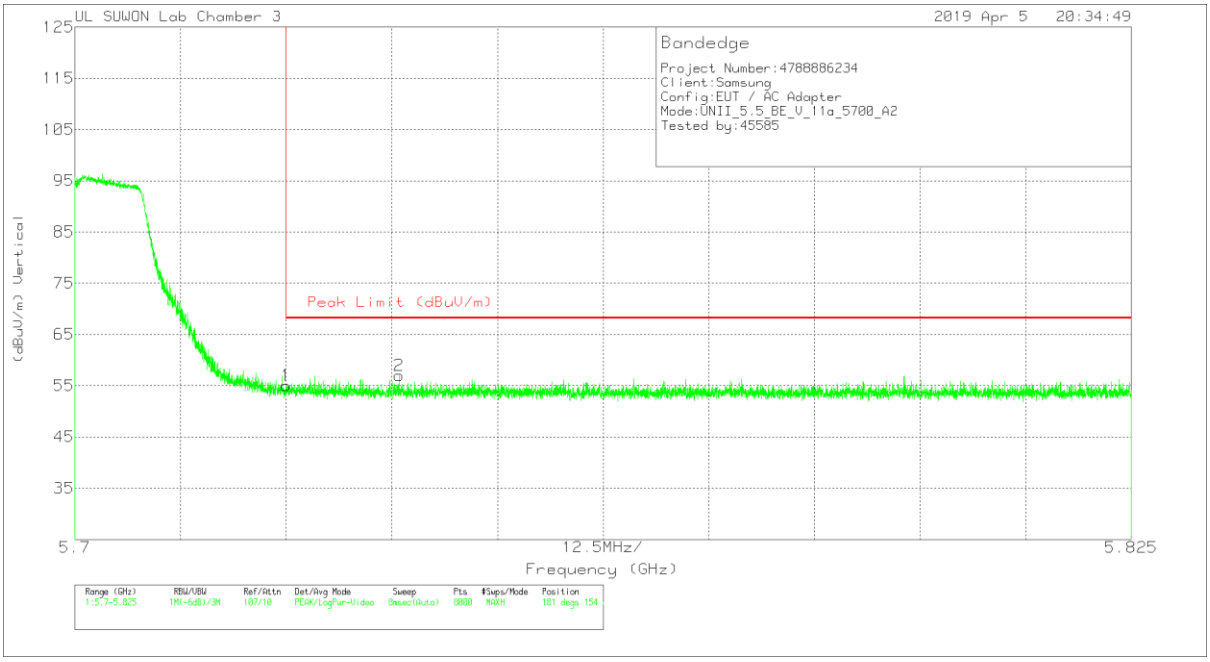
VERTICAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0020595 9	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.14	Pk	34.8	-17.9	0	55.04	68.2	-13.16	181	154	V
2	5.738	40.11	Pk	34.8	-17.9	0	57.01	68.2	-11.19	181	154	V

Pk - Peak detector

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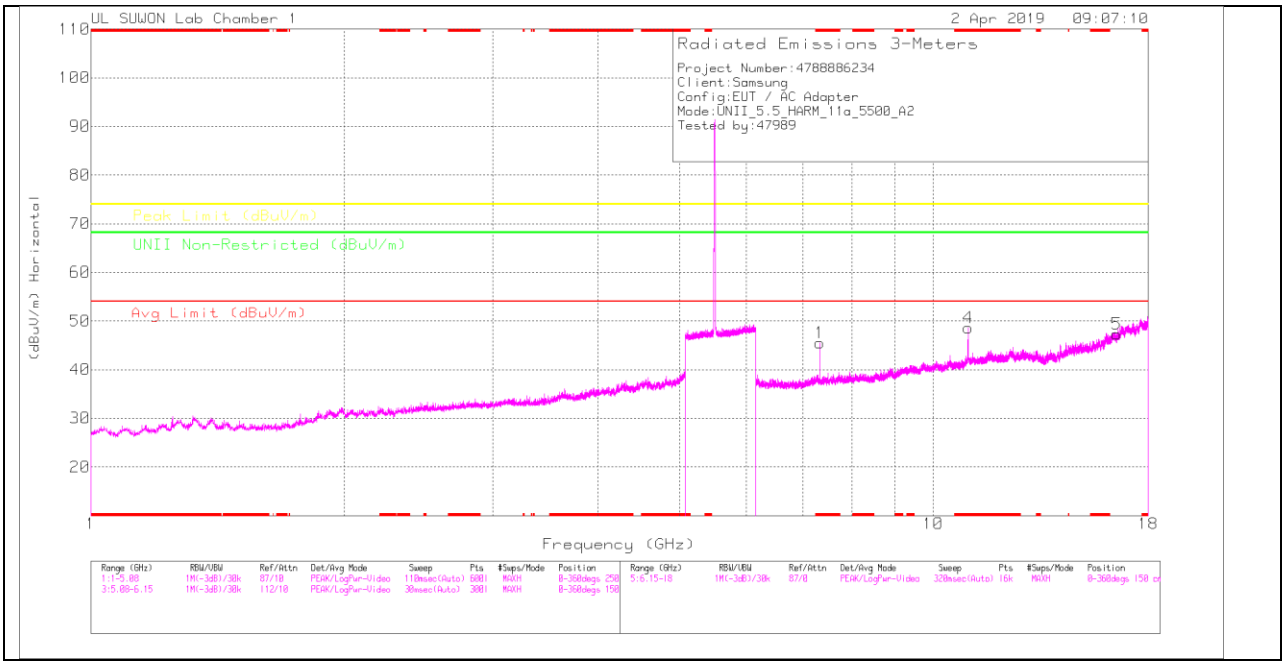
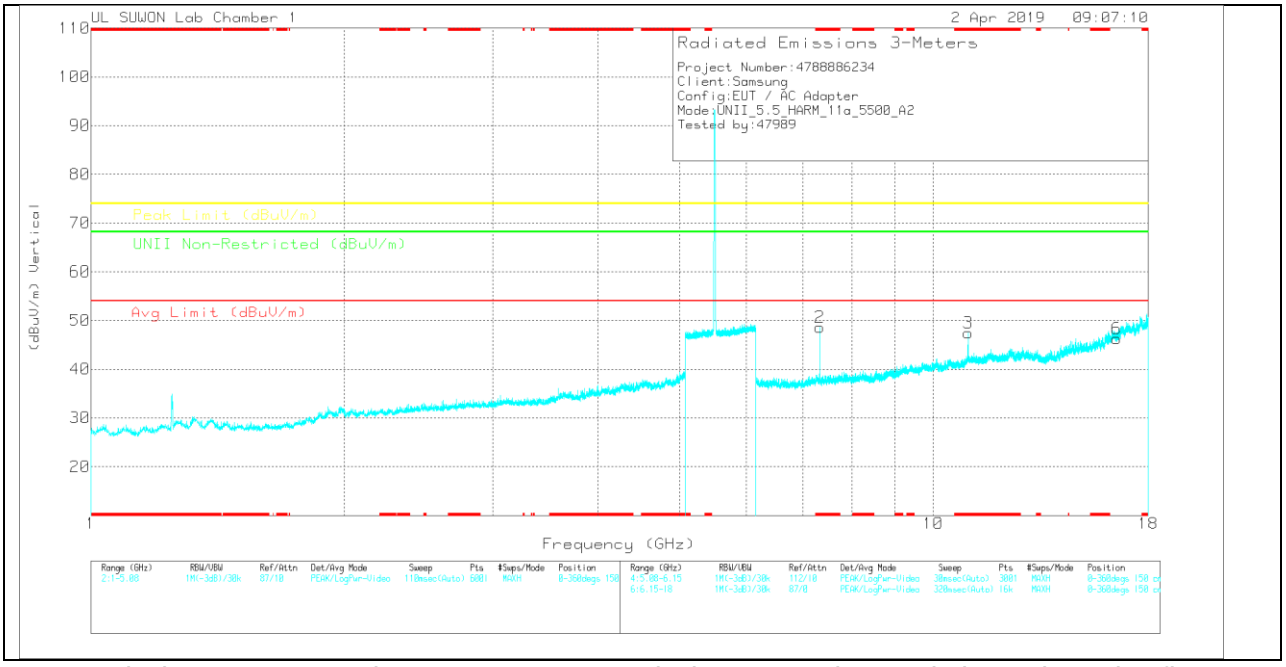
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.333	36.93	PK	35.8	-27.2	0	45.53	-	-	74	-28.47	-	-	0-360	150	H
4	* 11	32.03	PK	38.2	-21.6	0	48.63	-	-	74	-25.37	-	-	0-360	150	H
5	16.505	25.88	PK	40.9	-19.5	0	47.28	-	-	-	-	68.2	-20.92	0-360	150	H
2	* 7.333	40.06	PK	35.8	-27.2	0	48.66	-	-	74	-25.34	-	-	0-360	150	V
3	* 11.001	30.9	PK	38.2	-21.6	0	47.5	-	-	74	-26.5	-	-	0-360	150	V
6	16.503	24.92	PK	40.9	-19.5	0	46.32	-	-	-	-	68.2	-21.88	0-360	250	V

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.333	43.51	PK-U	35.8	-27.2	0	52.11	-	-	74	-21.89	-	-	253	273	H
* 7.333	37.46	ADR	35.8	-27.2	0	46.06	54	-7.94	-	-	-	-	253	273	H
* 7.334	44.5	PK-U	35.8	-27.2	0	53.1	-	-	74	-20.9	-	-	176	152	V
* 7.333	39.34	ADR	35.8	-27.2	0	47.94	54	-6.06	-	-	-	-	176	152	V
* 11	40.86	PK-U	38.2	-21.6	0	57.46	-	-	74	-16.54	-	-	210	152	V
* 11	30.32	ADR	38.2	-21.6	0	46.92	54	-7.08	-	-	-	-	210	152	V
* 10.999	43.21	PK-U	38.2	-21.6	0	59.81	-	-	74	-14.19	-	-	220	168	H
* 11	32.47	ADR	38.2	-21.6	0	49.07	54	-4.93	-	-	-	-	220	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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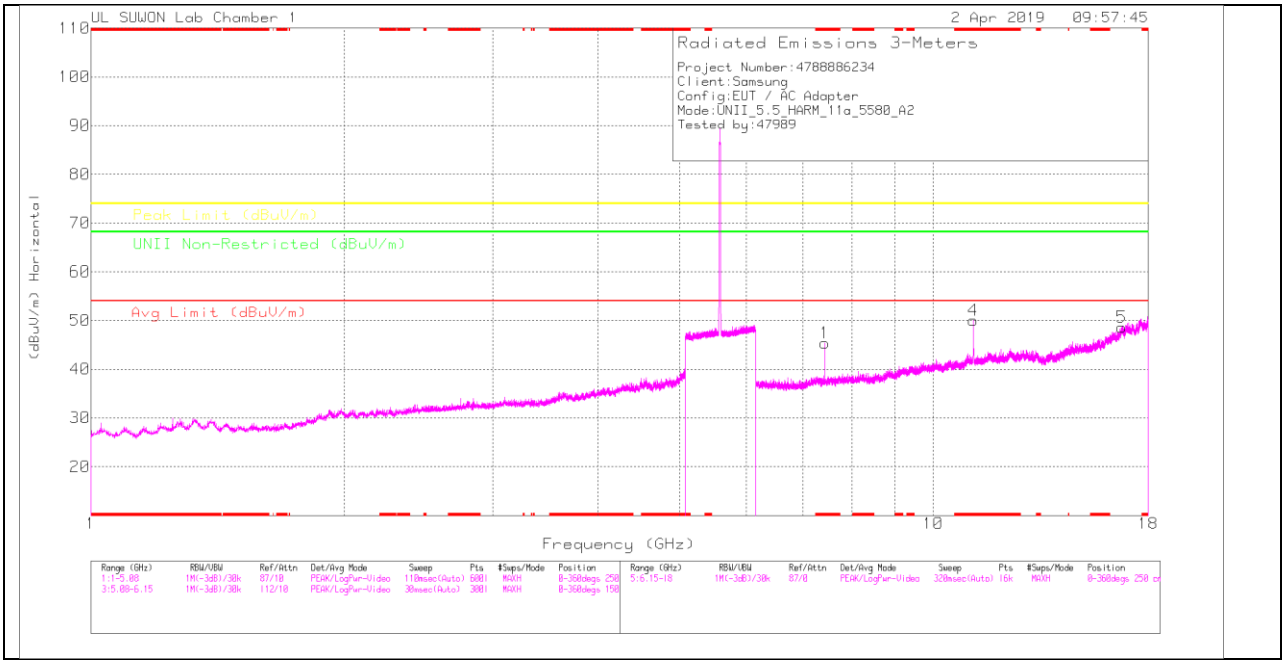
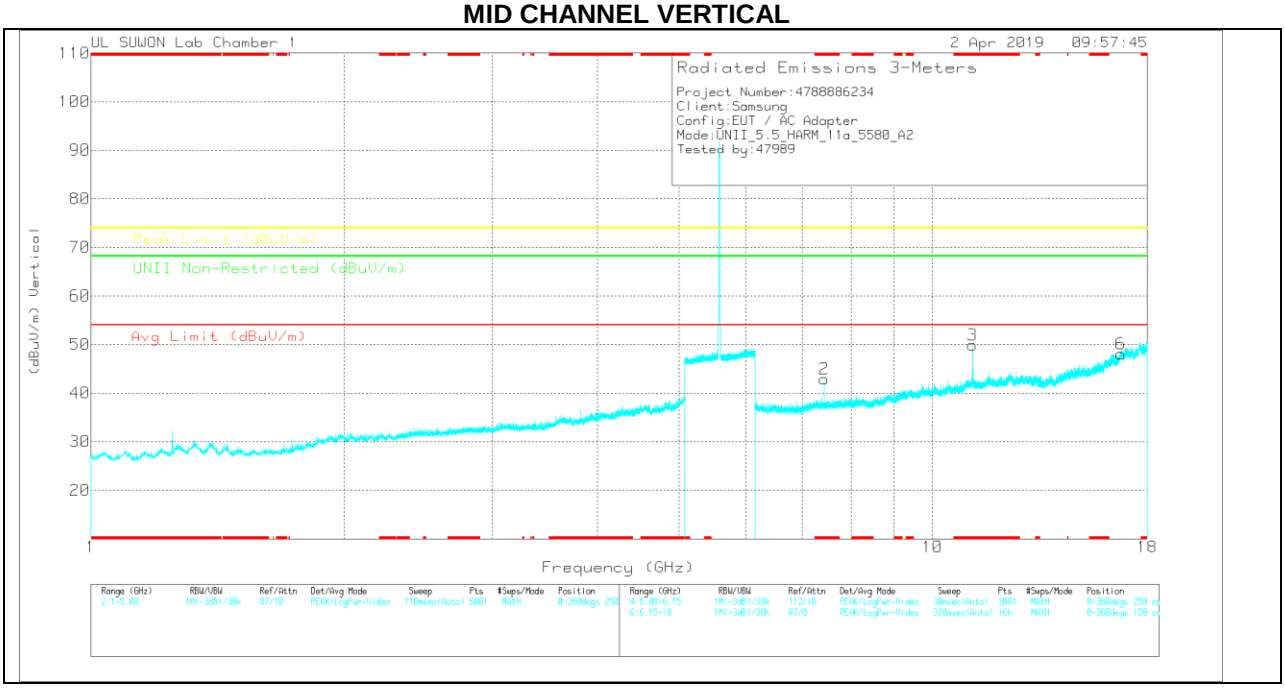
MID CHANNEL HORIZONTAL



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	* 7.44	37.03	PK	35.8	-27.4	0	45.43	-	-	74	-28.57	-	-	0-360	150	H
4	* 11.16	34.16	PK	38.3	-22.4	0	50.06	-	-	74	-23.94	-	-	0-360	250	H
5	16.734	24.63	PK	41.3	-17.3	0	48.63	-	-	-	-	68.2	-19.57	0-360	250	H
2	* 7.439	34.42	PK	35.8	-27.3	0	42.92	-	-	74	-31.08	-	-	0-360	150	V
3	* 11.16	33.95	PK	38.3	-22.4	0	49.85	-	-	74	-24.15	-	-	0-360	150	V
6	16.742	24.04	PK	41.3	-17.3	0	48.04	-	-	-	-	68.2	-20.16	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
* 7.44	43.45	PK-U	35.8	-27.3	0	51.95	-	-	74	-22.05	-	-	250	159	H
* 7.44	36.74	ADR	35.8	-27.4	0	45.14	54	-8.86	-	-	-	-	250	159	H
* 7.44	42.22	PK-U	35.8	-27.3	0	50.72	-	-	74	-23.28	-	-	183	139	V
* 7.44	34.69	ADR	35.8	-27.4	0	43.09	54	-10.91	-	-	-	-	183	139	V
* 11.16	41.95	PK-U	38.3	-22.4	0	57.85	-	-	74	-16.15	-	-	209	155	V
* 11.16	31.48	ADR	38.3	-22.4	0	47.38	54	-6.62	-	-	-	-	209	155	V
* 11.16	42.2	PK-U	38.3	-22.4	0	58.1	-	-	74	-15.9	-	-	221	166	H
* 11.16	32.53	ADR	38.3	-22.4	0	48.43	54	-5.57	-	-	-	-	221	166	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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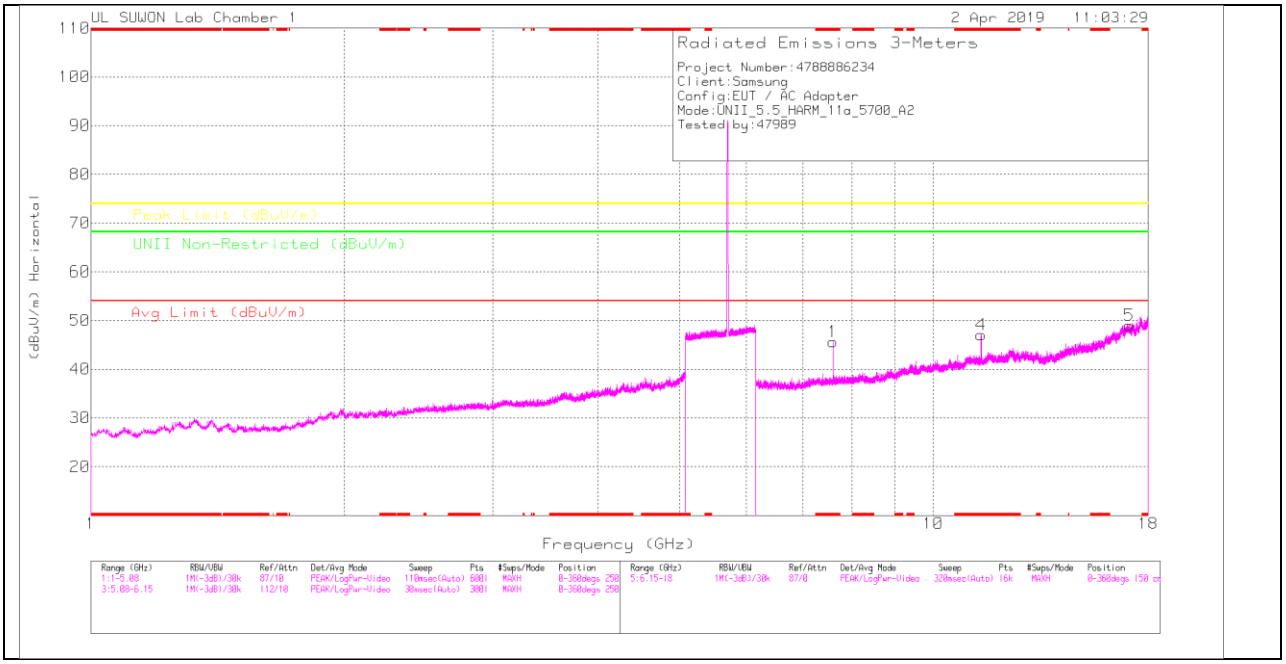
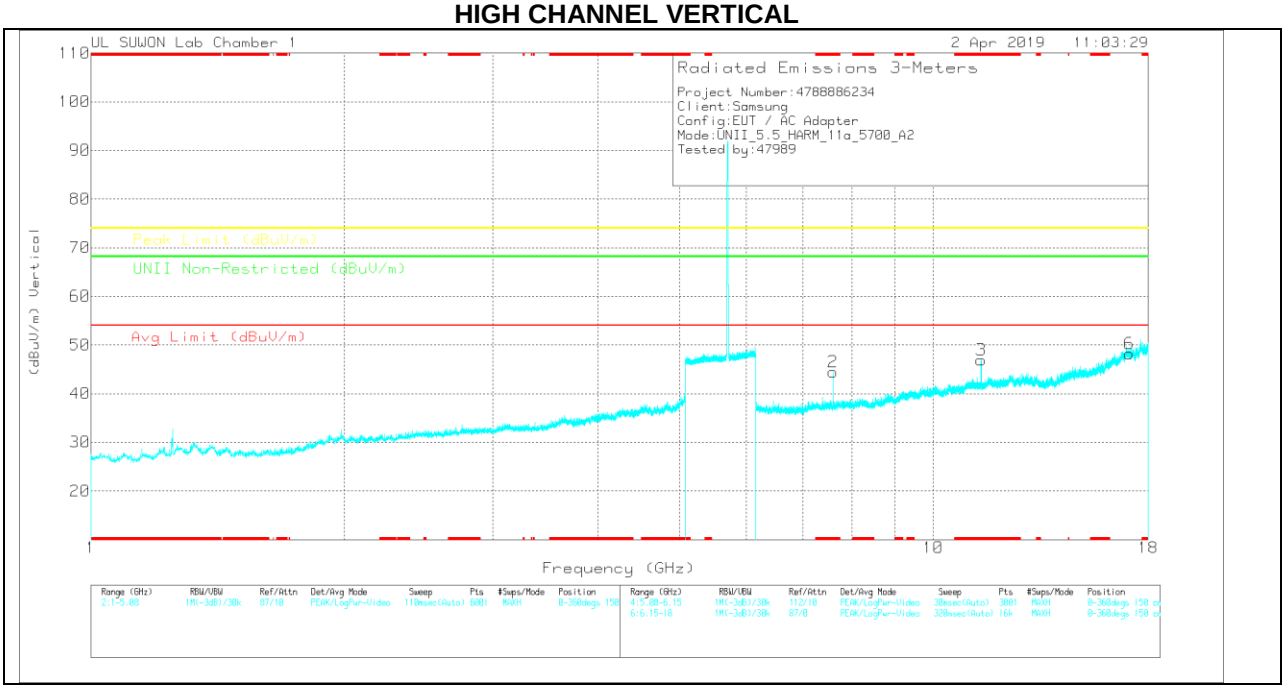
HIGH CHANNEL HORIZONTAL



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	* 7.6	36.33	PK	35.8	-26.5	0	45.63	-	-	74	-28.37	-	-	0-360	150	H
4	* 11.4	31.03	PK	38.4	-22.4	0	47.03	-	-	74	-26.97	-	-	0-360	250	H
5	17.096	24.57	PK	41.6	-17.2	0	48.97	-	-	-	-	68.2	-19.23	0-360	250	H
2	* 7.599	35.14	PK	35.8	-26.5	0	44.44	-	-	74	-29.56	-	-	0-360	150	V
3	* 11.4	30.98	PK	38.4	-22.4	0	46.98	-	-	74	-27.02	-	-	0-360	150	V
6	17.102	23.92	PK	41.6	-17.3	0	48.22	-	-	-	-	68.2	-19.98	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
* 7.6	42.04	PK-U	35.8	-26.5	0	51.34	-	-	74	-22.66	-	-	212	334	H
* 7.6	35.42	ADR	35.8	-26.5	0	44.72	54	-9.28	-	-	-	-	212	334	H
* 7.6	41.83	PK-U	35.8	-26.5	0	51.13	-	-	74	-22.87	-	-	210	152	V
* 7.6	34.48	ADR	35.8	-26.5	0	43.78	54	-10.22	-	-	-	-	210	152	V
* 11.4	44.61	PK-U	38.4	-22.4	0	60.61	-	-	74	-13.39	-	-	172	164	V
* 11.4	32.12	ADR	38.4	-22.4	0	48.12	54	-5.88	-	-	-	-	172	164	V
* 11.4	42.18	PK-U	38.5	-22.4	0	58.28	-	-	74	-15.72	-	-	223	161	H
* 11.4	31.31	ADR	38.4	-22.4	0	47.31	54	-6.69	-	-	-	-	223	161	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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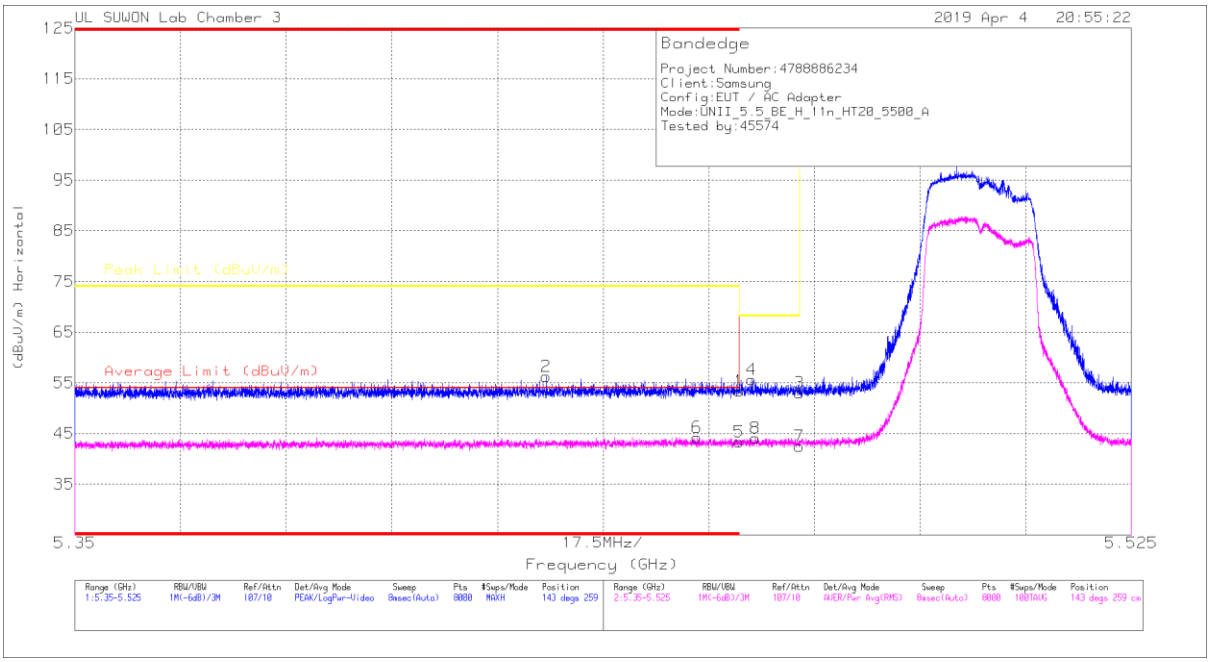
11.3.4. TX ABOVE 1GHz 802.11n HT20 2Tx CDD MODE IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.05	Pk	34.7	-18.4	0	53.35	-	-	74	-20.65	143	259	H
2	* 5.428	40.2	Pk	34.7	-18.6	0	56.3	-	-	74	-17.7	143	259	H
3	5.47	36.81	Pk	34.7	-18.5	0	53.01	-	-	68.2	-15.19	143	259	H
4	5.462	39.44	Pk	34.7	-18.5	0	55.64	-	-	68.2	-12.56	143	259	H
5	* 5.46	27.67	RMS	34.7	-19	0	43.37	54	-10.63	-	-	143	259	H
6	* 5.453	28.47	RMS	34.7	-19	0	44.17	54	-9.83	-	-	143	259	H
7	5.47	26.66	RMS	34.7	-18.9	0	42.46	-	-	-	-	143	259	H
8	5.463	28.34	RMS	34.7	-18.9	0	44.14	-	-	-	-	143	259	H

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

VERTICAL PEAK AND AVERAGE DATA

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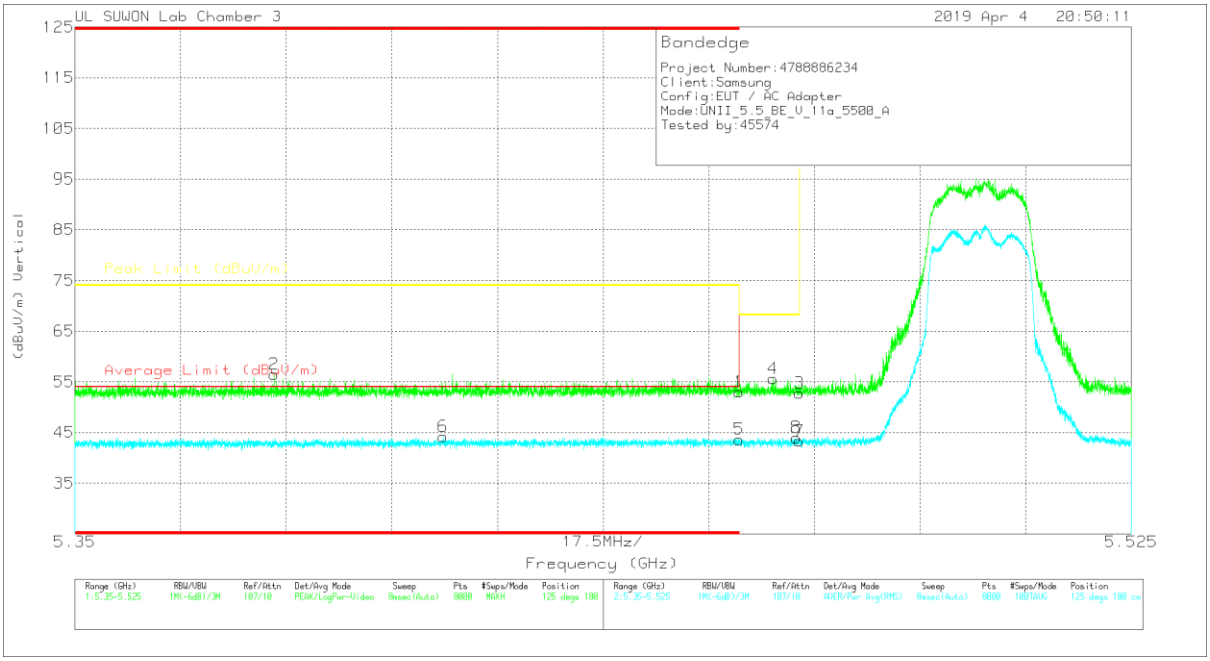

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	36.69	Pk	34.7	-18.4	0	52.99	-	-	74	-21.01	125	180	V
2	* 5.383	40.54	Pk	34.7	-18.7	0	56.54	-	-	74	-17.46	125	180	V
3	5.47	36.63	Pk	34.7	-18.5	0	52.83	-	-	68.2	-15.37	125	180	V
4	5.466	39.28	Pk	34.7	-18.4	0	55.58	-	-	68.2	-12.62	125	180	V
5	* 5.46	27.95	RMS	34.7	-19	0	43.65	54	-10.35	-	-	125	180	V
6	* 5.411	28.47	RMS	34.7	-19	0	44.17	54	-9.83	-	-	125	180	V
7	5.47	27.49	RMS	34.7	-18.9	0	43.29	-	-	-	-	125	180	V
8	5.469	28.22	RMS	34.7	-18.9	0	44.02	-	-	-	-	125	180	V

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

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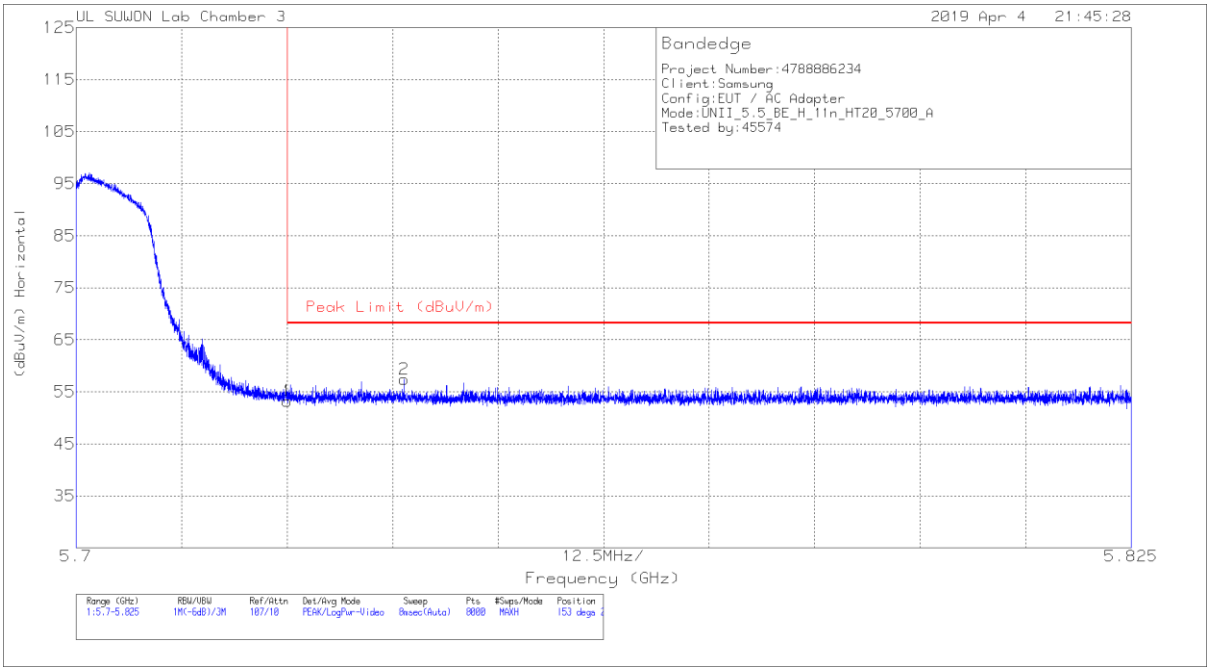
AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	36.31	Pk	34.8	-17.9	53.21	68.2	-14.99	153	254	H
2	5.739	40.5	Pk	34.8	-17.9	57.4	68.2	-10.8	153	254	H

Pk - Peak detector

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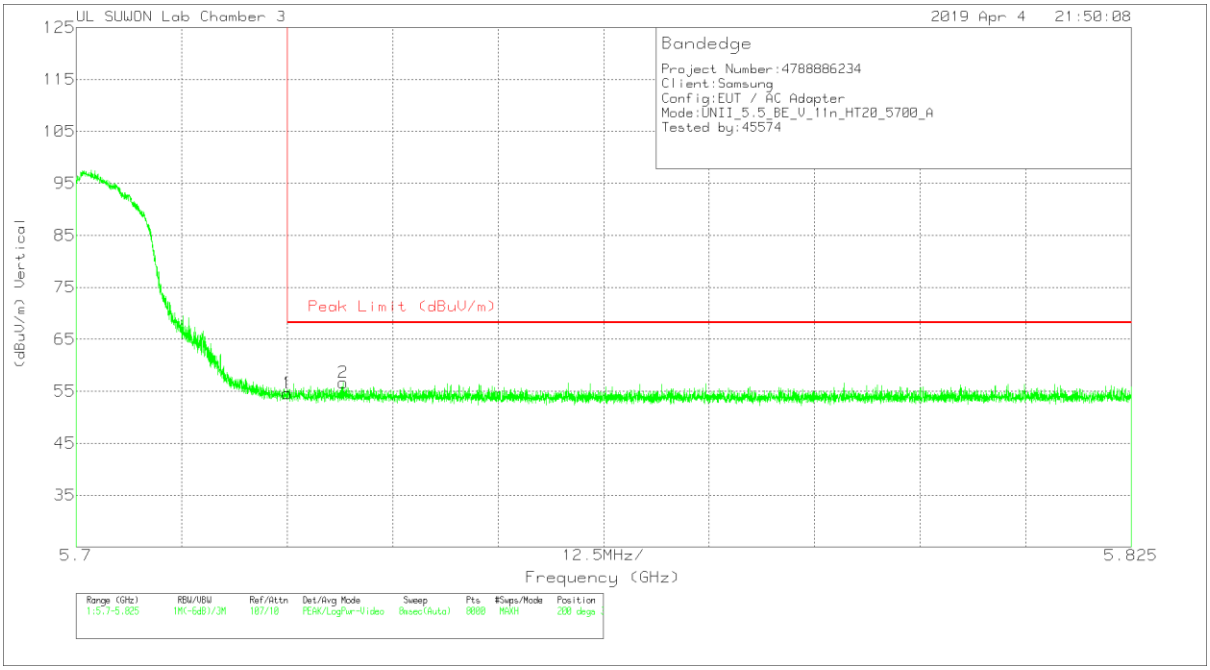
VERTICAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.69	Pk	34.8	-17.9	54.59	68.2	-13.61	200	317	V
2	5.732	39.75	Pk	34.8	-17.9	56.65	68.2	-11.55	200	317	V

Pk - Peak detector

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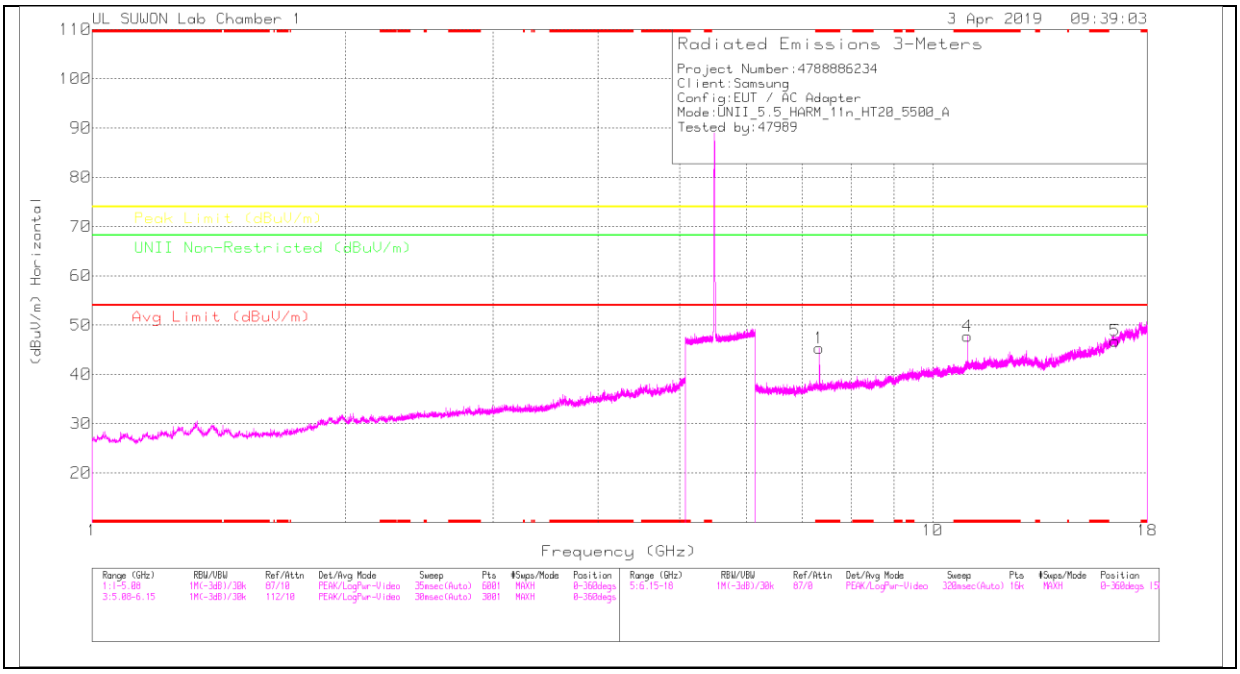
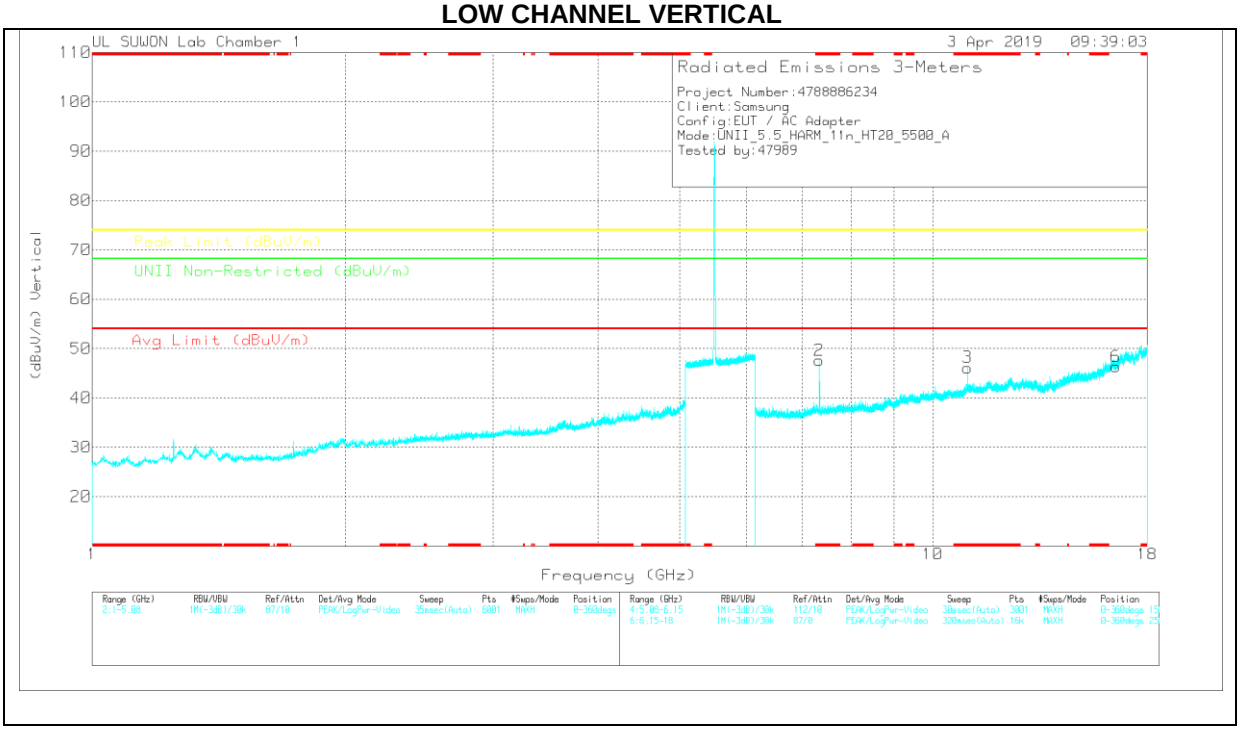
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.333	36.72	PK	35.8	-27.2	0	45.32	-	-	74	-28.68	-	-	0-360	250	H
4	* 11	31.12	PK	38.2	-21.6	0	47.72	-	-	74	-26.28	-	-	0-360	150	H
5	16.494	25.28	PK	40.9	-19.4	0	46.78	-	-	-	-	68.2	-21.42	0-360	150	H
2	* 7.333	38.98	PK	35.8	-27.2	0	47.58	-	-	74	-26.42	-	-	0-360	150	V
3	* 11	29.55	PK	38.2	-21.6	0	46.15	-	-	74	-27.85	-	-	0-360	150	V
6	16.503	24.93	PK	40.9	-19.5	0	46.33	-	-	-	-	68.2	-21.87	0-360	250	V

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.333	43.61	PK-U	35.8	-27.2	0	52.21	-	-	74	-21.79	-	-	161	274	H
* 7.333	37.4	ADR	35.8	-27.2	0	46	54	-8	-	-	-	-	161	274	H
* 7.333	43.24	PK-U	35.8	-27.2	0	51.84	-	-	74	-22.16	-	-	171	121	V
* 7.333	37.79	ADR	35.8	-27.2	0	46.39	54	-7.61	-	-	-	-	171	121	V
* 11	38.97	PK-U	38.2	-21.6	0	55.57	-	-	74	-18.43	-	-	187	139	V
* 11	27.35	ADR	38.2	-21.6	0	43.95	54	-10.05	-	-	-	-	187	139	V
* 11	39.82	PK-U	38.2	-21.6	0	56.42	-	-	74	-17.58	-	-	222	161	H
* 11	30.34	ADR	38.2	-21.6	0	46.94	54	-7.06	-	-	-	-	222	161	H

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

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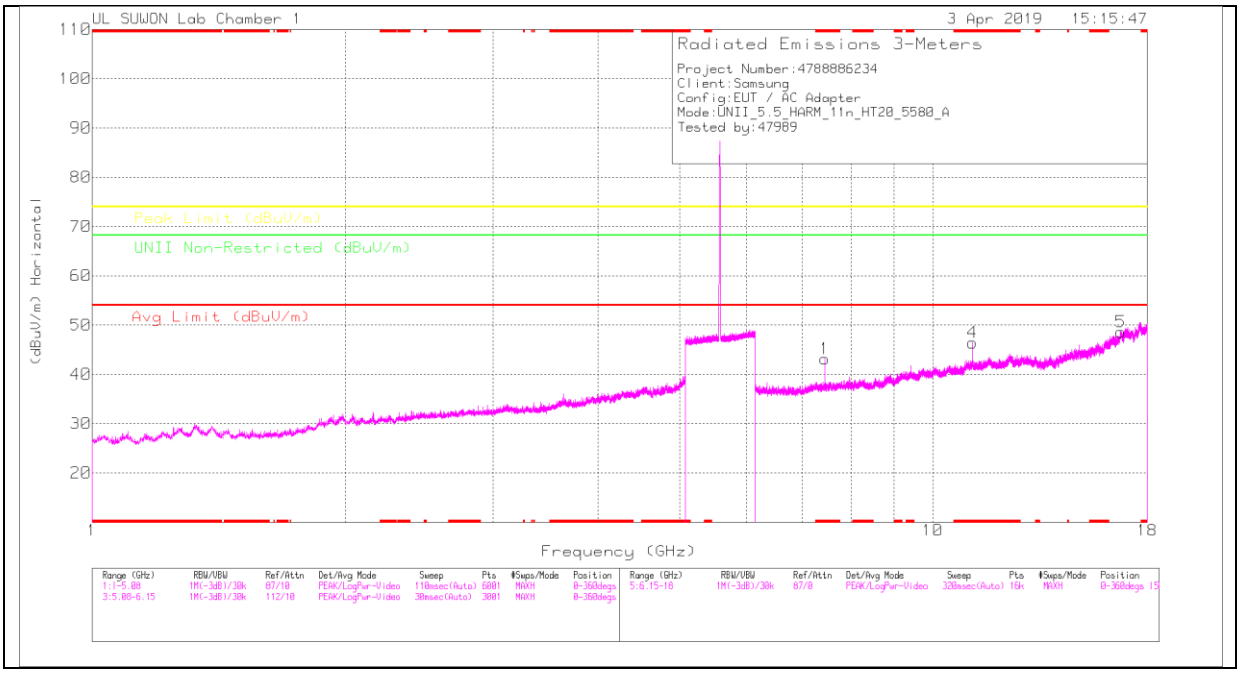
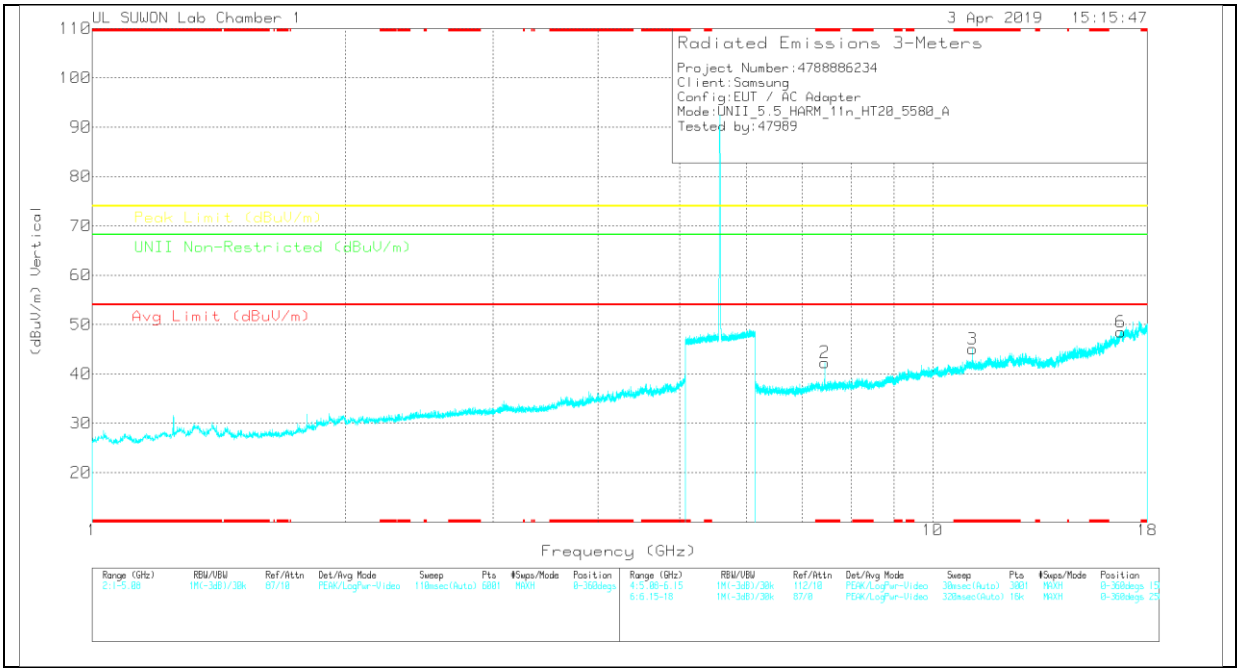
MID CHANNEL HORIZONTAL



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	* 7.439	34.67	PK	35.8	-27.3	0	43.17	-	-	74	-30.83	-	-	0-360	150	H
4	* 11.16	30.53	PK	38.3	-22.4	0	46.43	-	-	74	-27.57	-	-	0-360	150	H
5	16.734	24.58	PK	41.3	-17.3	0	48.58	-	-	-	-	68.2	-19.62	0-360	150	H
2	* 7.439	33.79	PK	35.8	-27.3	0	42.29	-	-	74	-31.71	-	-	0-360	150	V
3	* 11.16	29.17	PK	38.3	-22.4	0	45.07	-	-	74	-28.93	-	-	0-360	150	V
6	16.74	24.48	PK	41.3	-17.3	0	48.48	-	-	-	-	68.2	-19.72	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
* 7.44	42.81	PK-U	35.8	-27.4	0	51.21	-	-	74	-22.79	-	-	256	169	H
* 7.44	35.48	ADR	35.8	-27.4	0	43.88	54	-10.12	-	-	-	-	256	169	H
* 7.44	42.85	PK-U	35.8	-27.4	0	51.25	-	-	74	-22.75	-	-	178	400	V
* 7.44	35.7	ADR	35.8	-27.4	0	44.1	54	-9.9	-	-	-	-	178	400	V
* 11.16	39.32	PK-U	38.3	-22.4	0	55.22	-	-	74	-18.78	-	-	201	130	V
* 11.16	28.54	ADR	38.3	-22.4	0	44.44	54	-9.56	-	-	-	-	201	130	V
* 11.16	40.28	PK-U	38.3	-22.4	0	56.18	-	-	74	-17.82	-	-	221	158	H
* 11.16	30.11	ADR	38.3	-22.4	0	46.01	54	-7.99	-	-	-	-	221	158	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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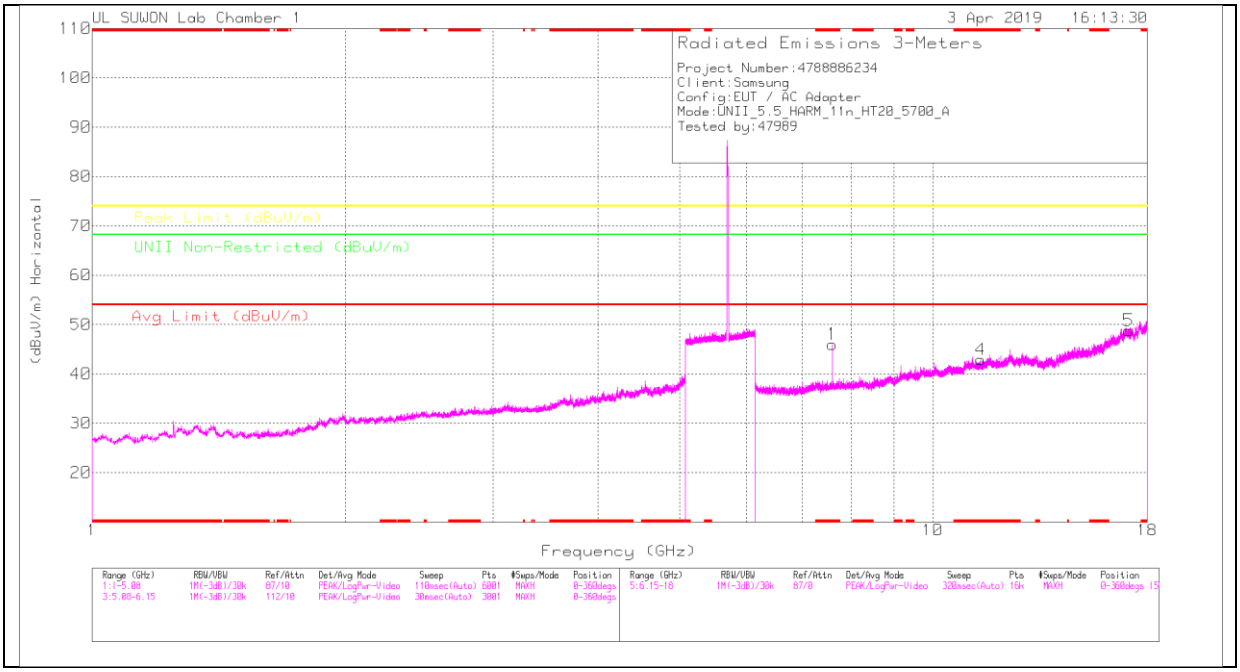
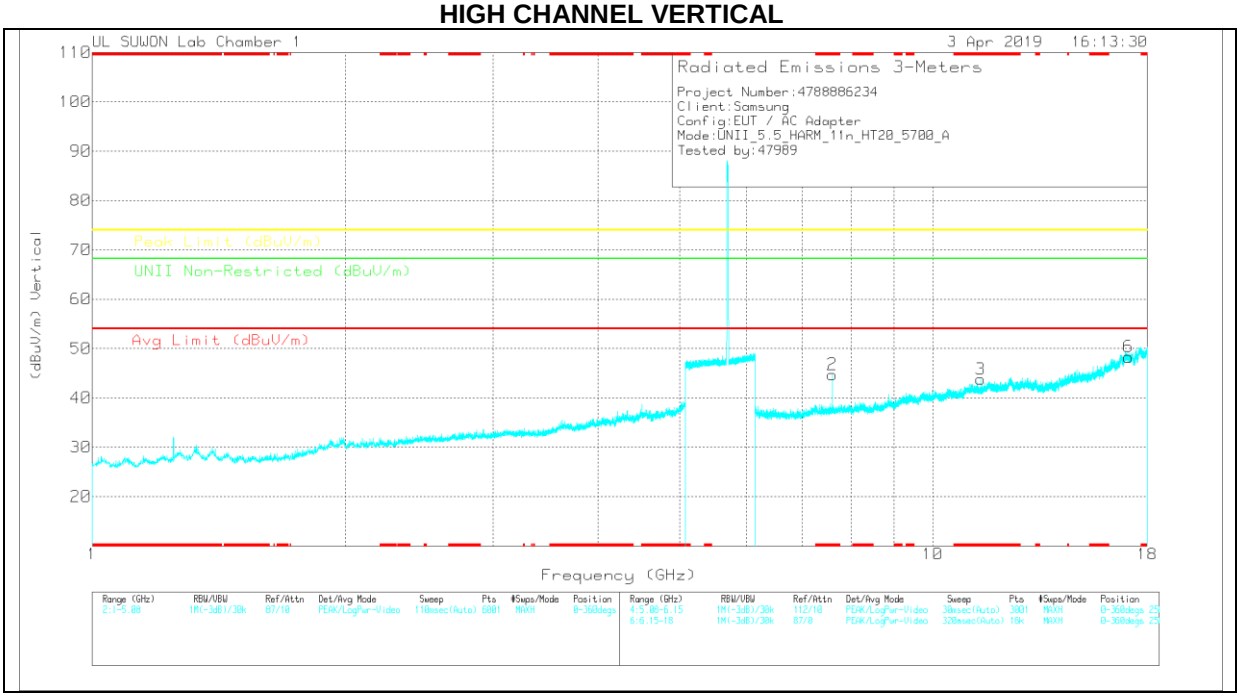
HIGH CHANNEL HORIZONTAL



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	* 7.599	36.7	PK	35.8	-26.5	0	46	-	-	74	-28	-	-	0-360	250	H
4	* 11.4	26.9	PK	38.4	-22.4	0	42.9	-	-	74	-31.1	-	-	0-360	250	H
5	17.104	24.38	PK	41.6	-17.2	0	48.78	-	-	-	-	68.2	-19.42	0-360	250	H
2	* 7.599	35.43	PK	35.8	-26.5	0	44.73	-	-	74	-29.27	-	-	0-360	150	V
3	* 11.401	27.68	PK	38.5	-22.4	0	43.78	-	-	74	-30.22	-	-	0-360	150	V
6	17.096	23.92	PK	41.6	-17.2	0	48.32	-	-	-	-	68.2	-19.88	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
* 7.6	42.16	PK-U	35.8	-26.5	0	51.46	-	-	74	-22.54	-	-	206	245	H
* 7.6	35.8	ADR	35.8	-26.5	0	45.1	54	-8.9	-	-	-	-	206	245	H
* 7.6	41.49	PK-U	35.8	-26.5	0	50.79	-	-	74	-23.21	-	-	212	165	V
* 7.6	34.48	ADR	35.8	-26.5	0	43.78	54	-10.22	-	-	-	-	212	165	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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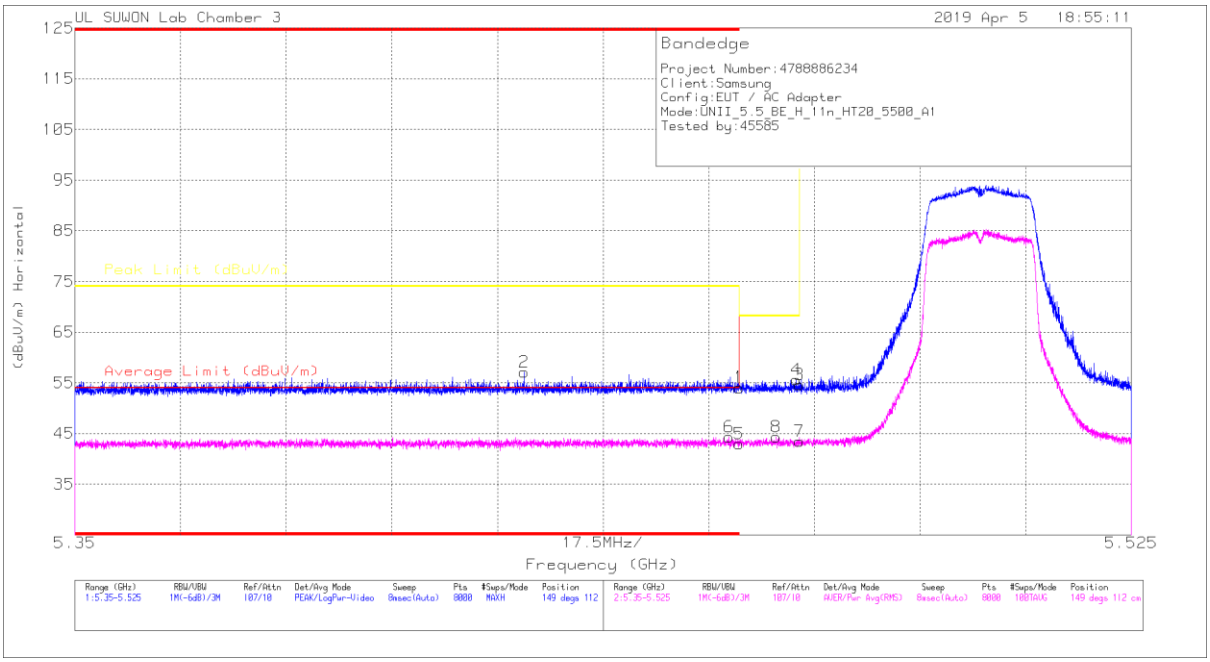
11.3.5.TX ABOVE 1GHz 802.11n HT20 1Tx ANT1 IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.78	Pk	34.7	-18.4	0	54.08	-	-	74	-19.92	149	112	H
2	* 5.424	41.02	Pk	34.7	-18.6	0	57.12	-	-	74	-16.88	149	112	H
3	5.47	38.39	Pk	34.7	-18.5	0	54.59	-	-	68.2	-13.61	149	112	H
4	5.469	39.41	Pk	34.7	-18.5	0	55.61	-	-	68.2	-12.59	149	112	H
5	* 5.46	27.21	RMS	34.7	-19	0	42.91	54	-11.09	-	-	149	112	H
6	* 5.458	28.65	RMS	34.7	-19	0	44.35	54	-9.65	-	-	149	112	H
7	5.47	27.69	RMS	34.7	-18.9	0	43.49	-	-	-	-	149	112	H
8	5.466	28.58	RMS	34.7	-18.9	0	44.38	-	-	-	-	149	112	H

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

VERTICAL PEAK AND AVERAGE DATA

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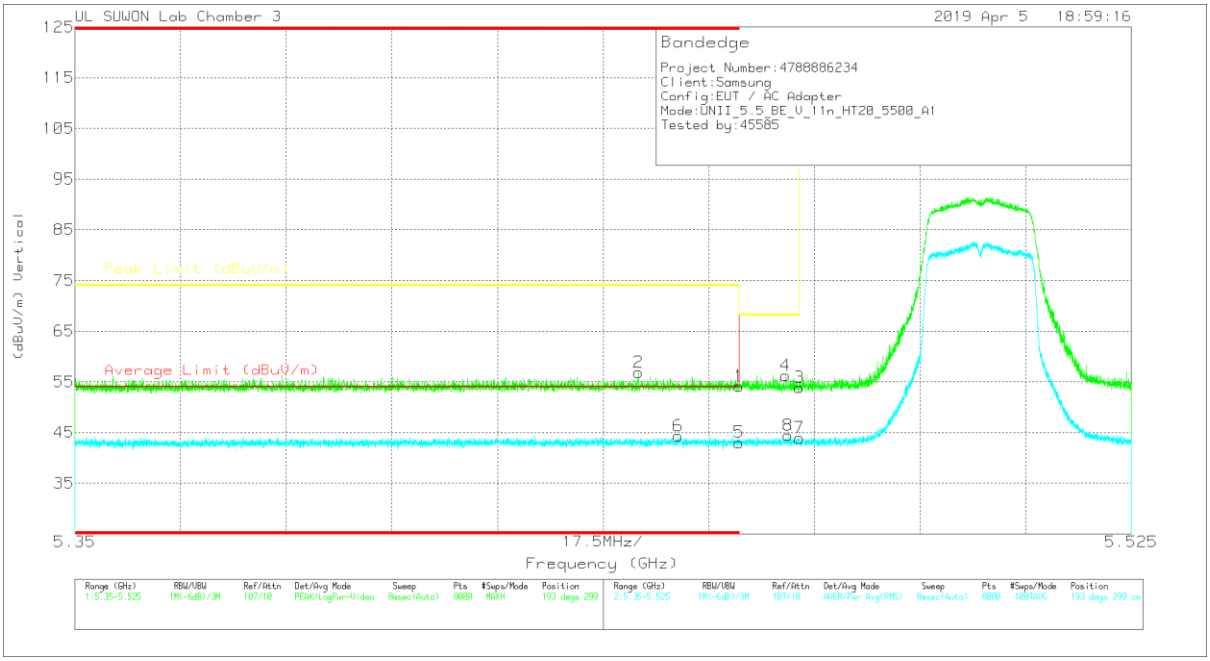

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.84	Pk	34.7	-18.4	0	54.14	-	-	74	-19.86	193	299	V
2	* 5.443	40.72	Pk	34.7	-18.5	0	56.92	-	-	74	-17.08	193	299	V
3	5.47	37.7	Pk	34.7	-18.5	0	53.9	-	-	68.2	-14.3	193	299	V
4	5.468	40.08	Pk	34.7	-18.5	0	56.28	-	-	68.2	-11.92	193	299	V
5	* 5.46	27.33	RMS	34.7	-19	0	43.03	54	-10.97	-	-	193	299	V
6	* 5.45	28.64	RMS	34.7	-19	0	44.34	54	-9.66	-	-	193	299	V
7	5.47	28.1	RMS	34.7	-18.9	0	43.9	-	-	-	-	193	299	V
8	5.468	28.71	RMS	34.7	-18.9	0	44.51	-	-	-	-	193	299	V

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

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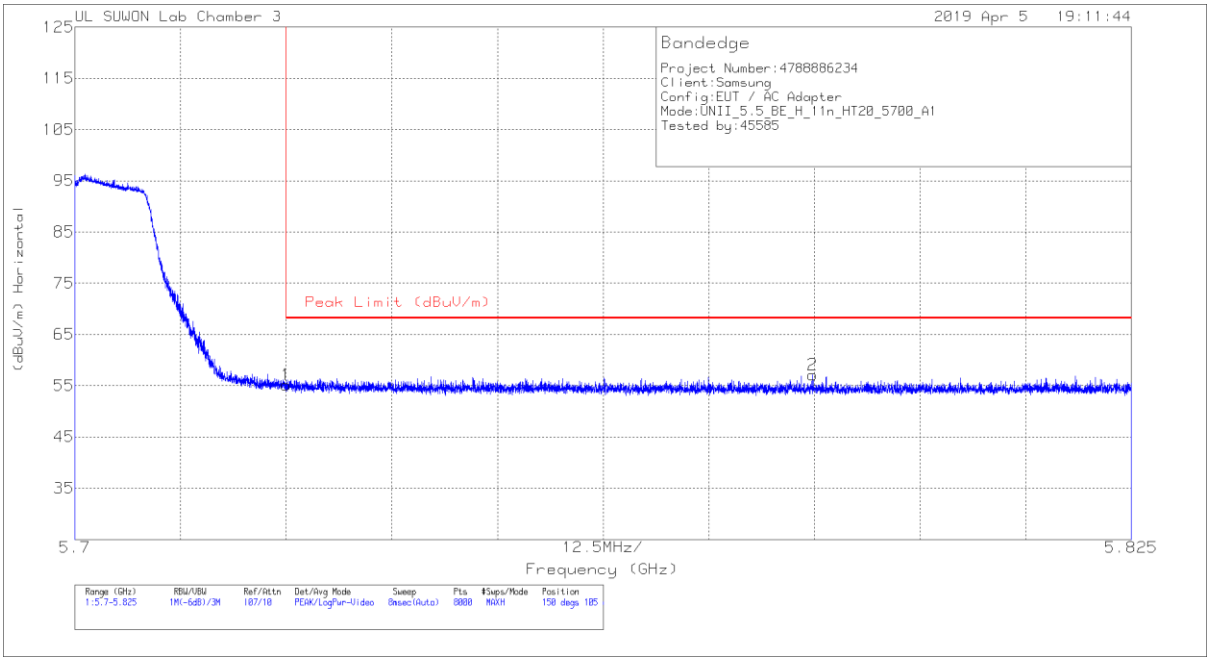
AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0020595 9	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.23	Pk	34.8	-17.9	0	55.13	68.2	-13.07	150	105	H
2	5.787	39.97	Pk	34.9	-17.8	0	57.07	68.2	-11.13	150	105	H

Pk - Peak detector

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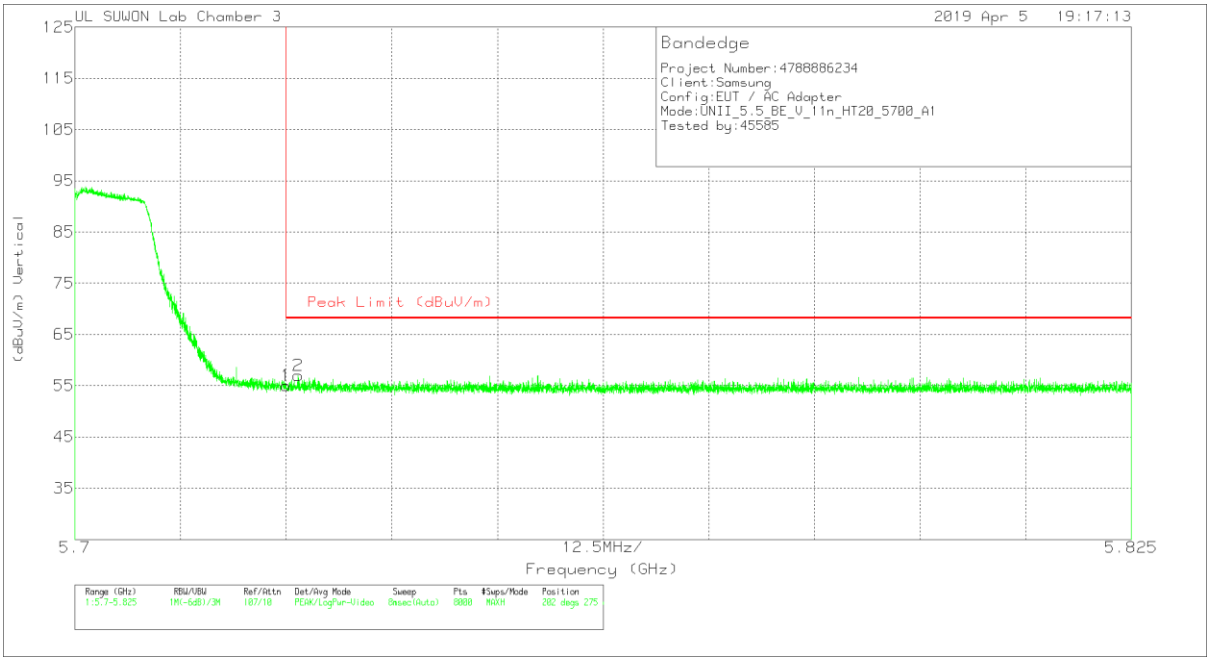
VERTICAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0020595 9	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.16	Pk	34.8	-17.9	0	55.06	68.2	-13.14	202	275	V
2	5.726	40.04	Pk	34.8	-17.9	0	56.94	68.2	-11.26	202	275	V

Pk - Peak detector

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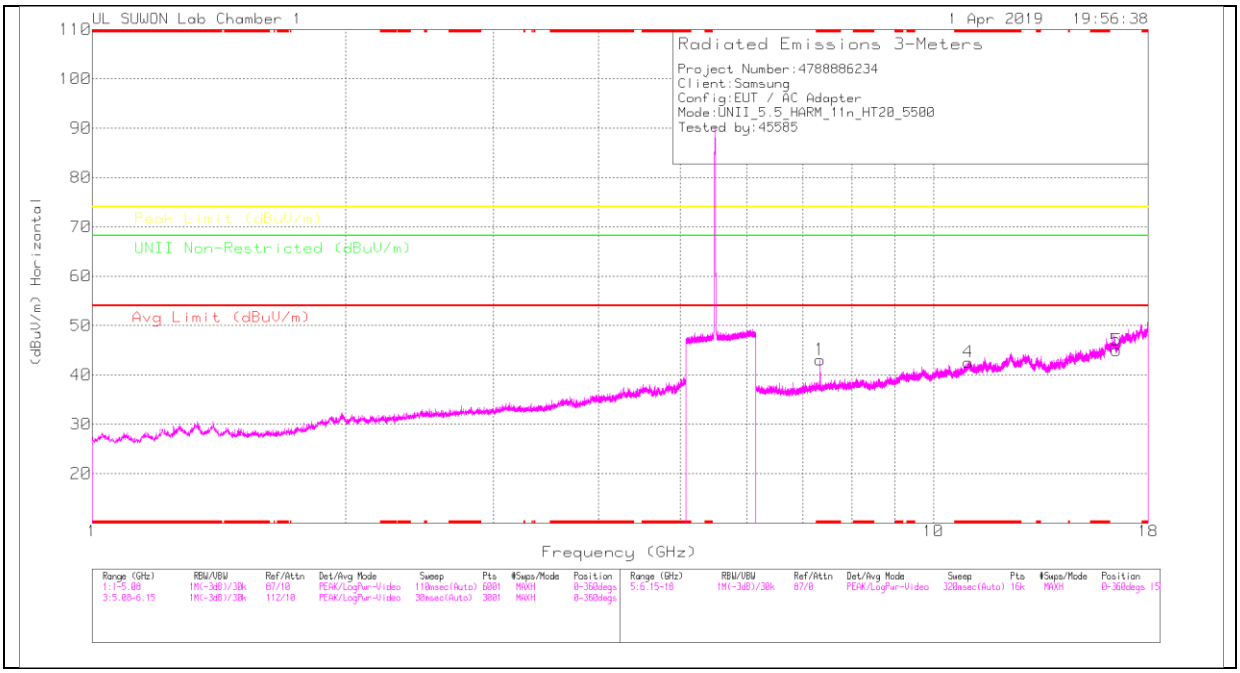
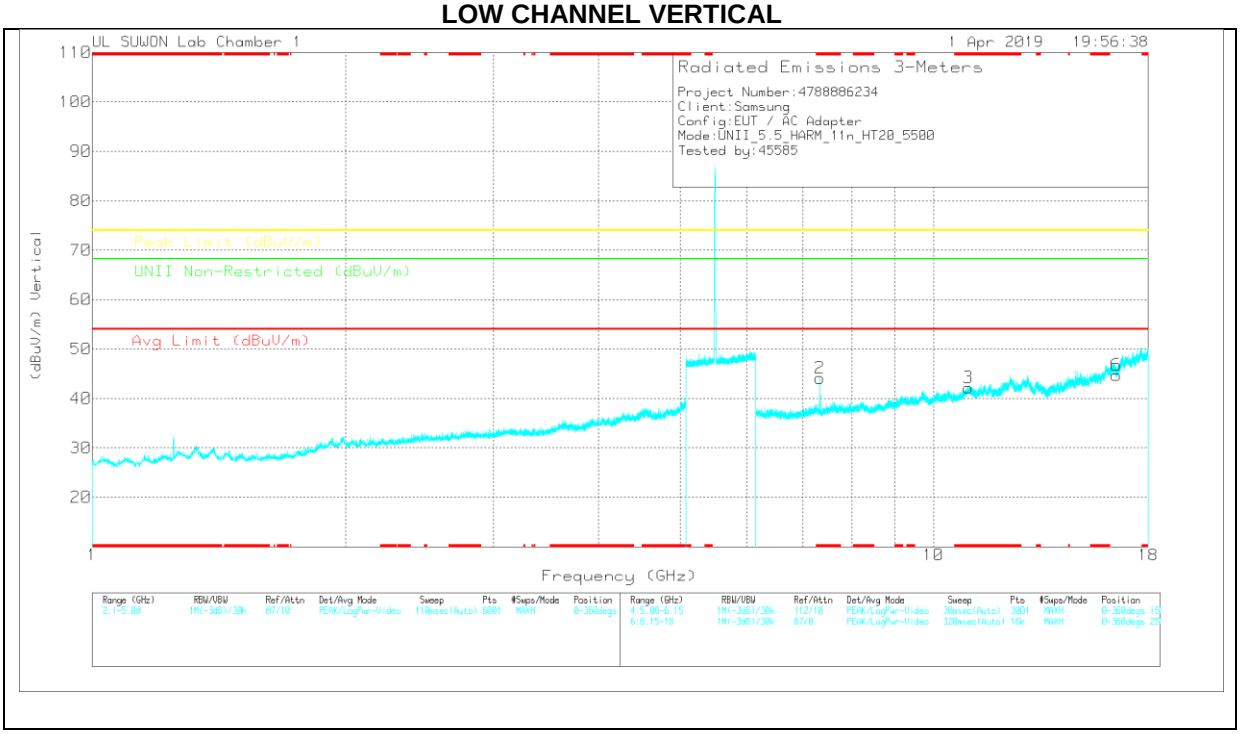
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

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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	* 7.333	34.48	PK	35.8	-27.2	0	43.08	-	-	74	-30.92	-	-	0-360	150	H
4	* 10.998	25.98	PK	38.2	-21.6	0	42.58	-	-	74	-31.42	-	-	0-360	150	H
5	16.5	23.63	PK	40.9	-19.5	0	45.03	-	-	-	-	68.2	-23.17	0-360	150	H
2	* 7.333	35.54	PK	35.8	-27.2	0	44.14	-	-	74	-29.86	-	-	0-360	150	V
3	* 11.002	25.59	PK	38.2	-21.6	0	42.19	-	-	74	-31.81	-	-	0-360	250	V
6	16.5	23.34	PK	40.9	-19.5	0	44.74	-	-	-	-	68.2	-23.46	0-360	150	V

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.333	42.29	PK-U	35.8	-27.2	0	50.89	-	-	74	-23.11	-	-	107	109	H
* 7.333	34.69	ADR	35.8	-27.2	0	43.29	54	-10.71	-	-	-	-	107	109	H
* 7.333	43.09	PK-U	35.8	-27.2	0	51.69	-	-	74	-22.31	-	-	286	100	V
* 7.333	36.73	ADR	35.8	-27.2	0	45.33	54	-8.67	-	-	-	-	286	100	V

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

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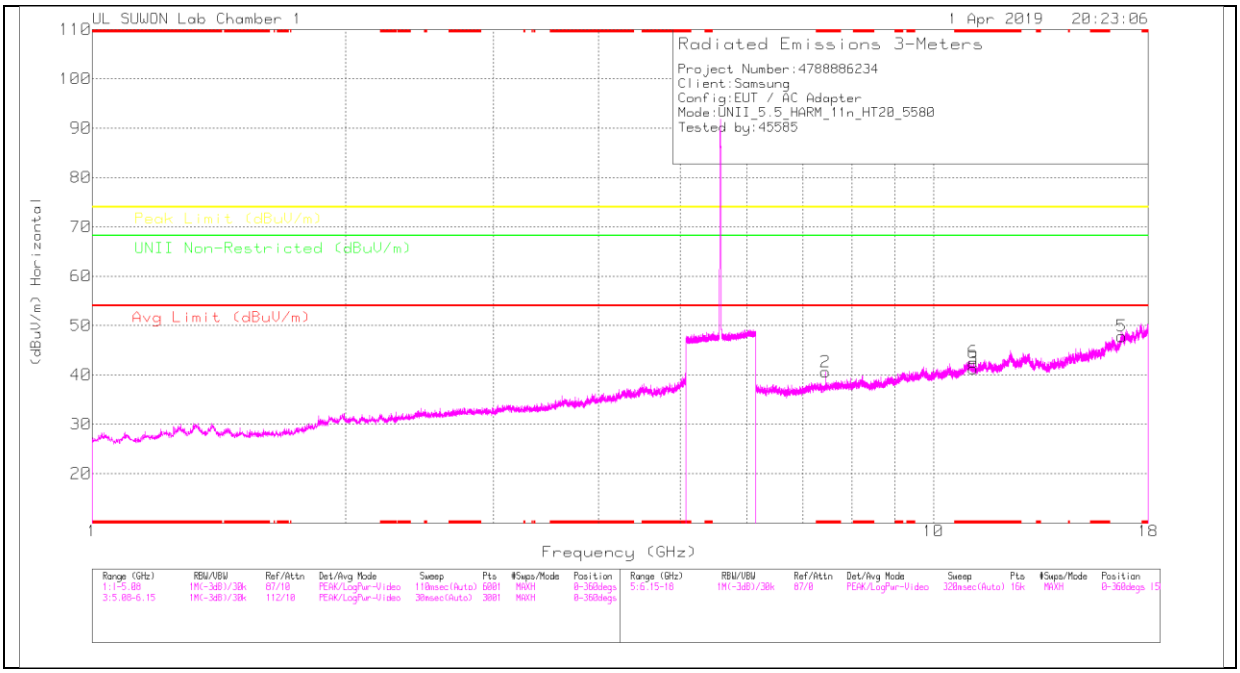
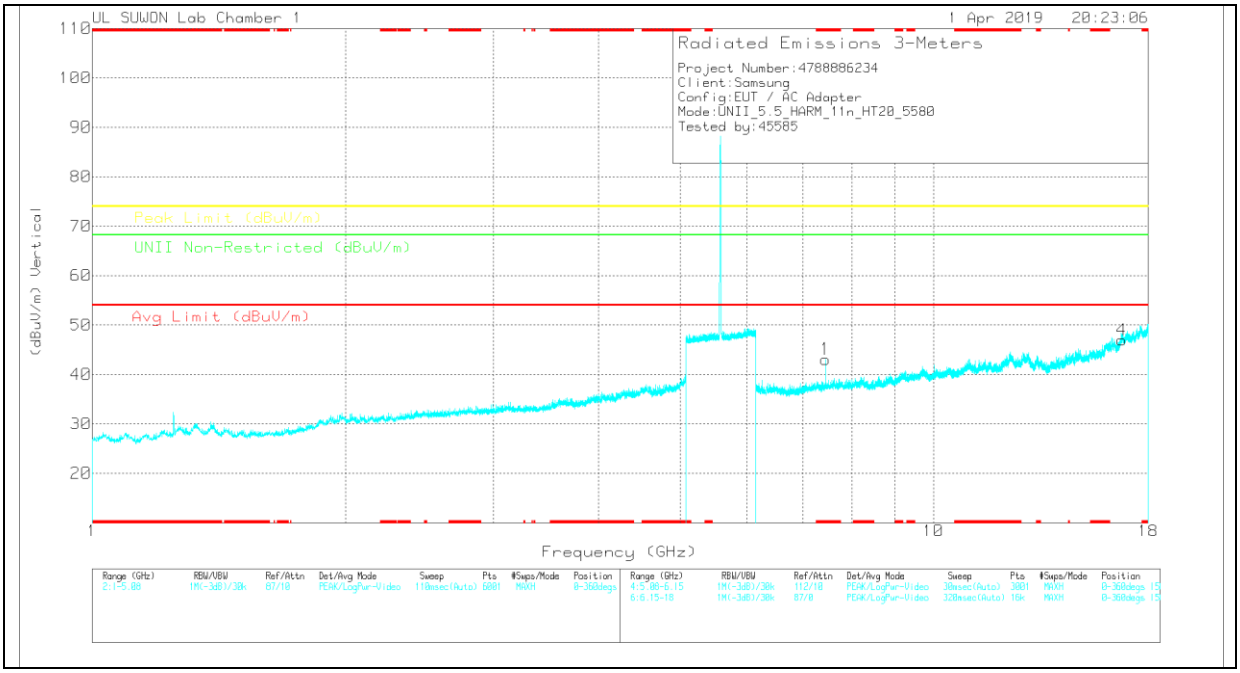
MID CHANNEL HORIZONTAL



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
2	* 7.439	32.08	PK	35.8	-27.3	0	40.58	-	-	74	-33.42	-	-	0-360	150	H
3	* 11.156	25.39	PK	38.3	-22.4	0	41.29	-	-	74	-32.71	-	-	0-360	150	H
5	16.739	23.82	PK	41.3	-17.3	0	47.82	-	-	-	-	68.2	-20.38	0-360	150	H
6	* 11.158	26.67	PK	38.3	-22.4	0	42.57	-	-	74	-31.43	-	-	0-360	150	H
1	* 7.439	34.58	PK	35.8	-27.3	0	43.08	-	-	74	-30.92	-	-	0-360	150	V
4	16.738	22.96	PK	41.3	-17.3	0	46.96	-	-	-	-	68.2	-21.24	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
* 7.44	40.43	PK-U	35.8	-27.4	0	48.83	-	-	74	-25.17	-	-	107	110	H
* 7.44	29.76	ADR	35.8	-27.4	0	38.16	54	-15.84	-	-	-	-	107	110	H
* 7.44	42.83	PK-U	35.8	-27.4	0	51.23	-	-	74	-22.77	-	-	286	100	V
* 7.44	35.97	ADR	35.8	-27.4	0	44.37	54	-9.63	-	-	-	-	286	100	V

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

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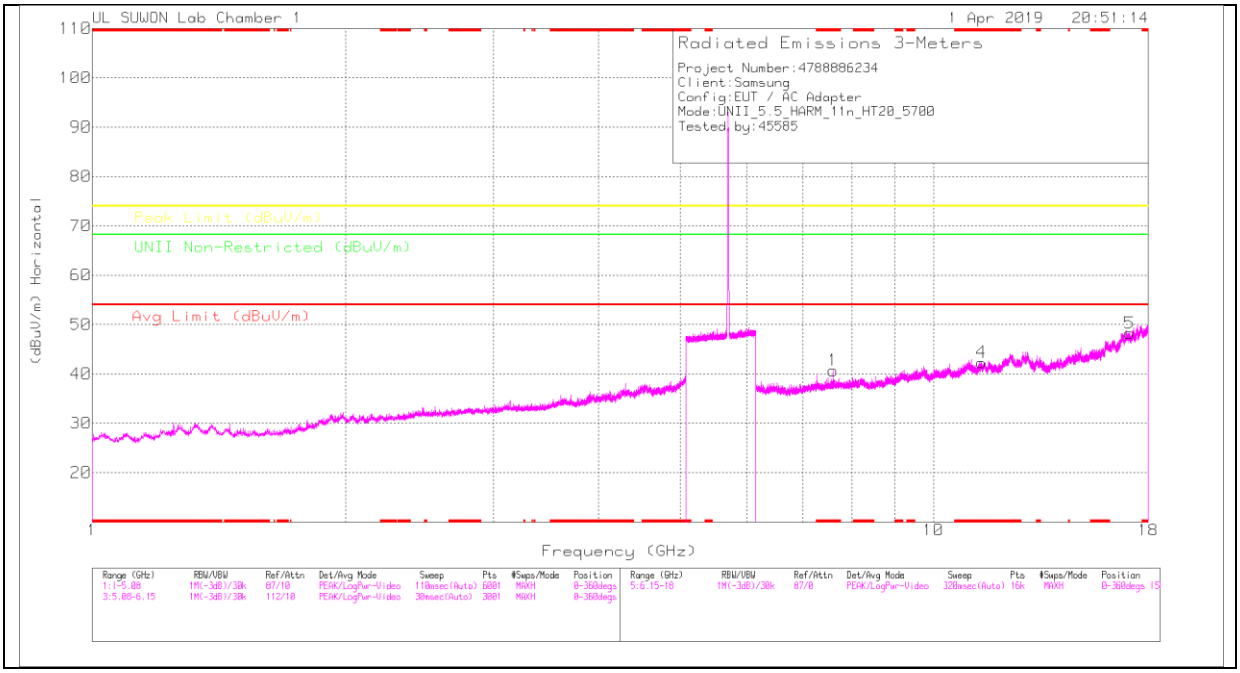
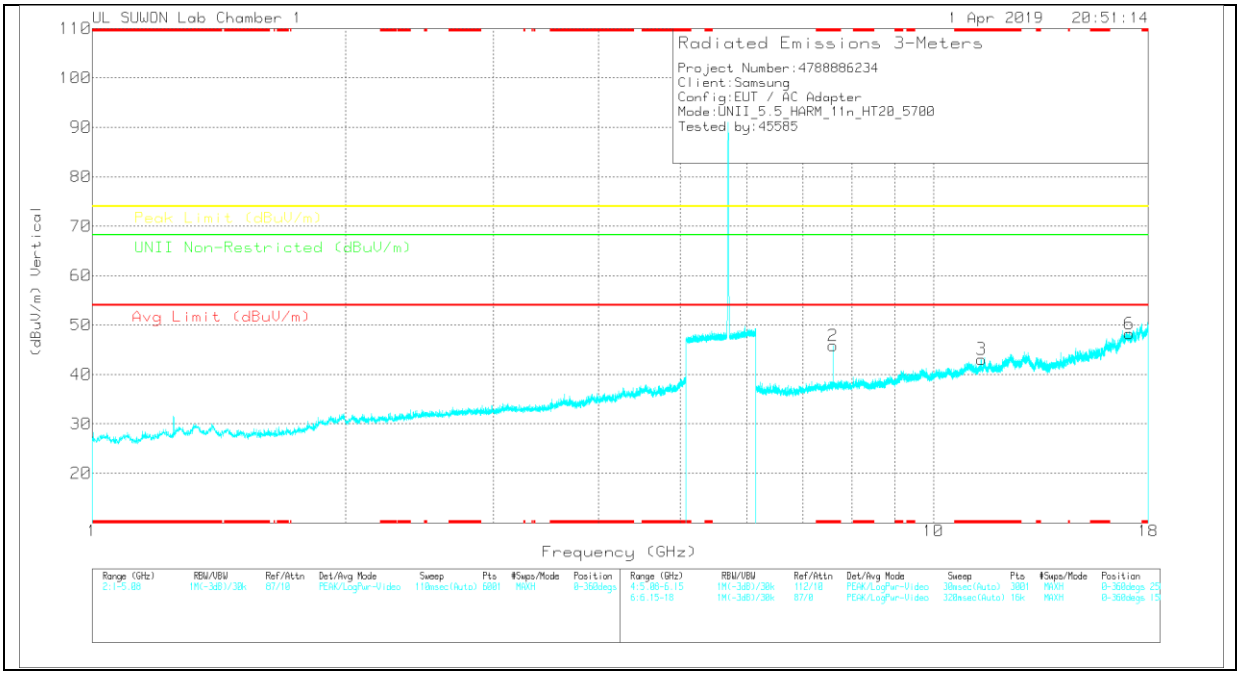
HIGH CHANNEL HORIZONTAL



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	* 7.599	31.4	PK	35.8	-26.5	0	40.7	-	-	74	-33.3	-	-	0-360	250	H
4	* 11.4	26.31	PK	38.4	-22.4	0	42.31	-	-	74	-31.69	-	-	0-360	150	H
5	17.105	23.93	PK	41.6	-17.3	0	48.23	-	-	-	-	68.2	-19.97	0-360	150	H
2	* 7.599	36.52	PK	35.8	-26.5	0	45.82	-	-	74	-28.18	-	-	0-360	150	V
3	* 11.404	26.98	PK	38.5	-22.4	0	43.08	-	-	74	-30.92	-	-	0-360	150	V
6	17.099	23.82	PK	41.6	-17.2	0	48.22	-	-	-	-	68.2	-19.98	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
* 7.6	40.12	PK-U	35.8	-26.5	0	49.42	-	-	74	-24.58	-	-	107	110	H
* 7.6	29.31	ADR	35.8	-26.5	0	38.61	54	-15.39	-	-	-	-	107	110	H
* 7.6	42.63	PK-U	35.8	-26.5	0	51.93	-	-	74	-22.07	-	-	286	100	V
* 7.6	35.95	ADR	35.8	-26.5	0	45.25	54	-8.75	-	-	-	-	286	100	V

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

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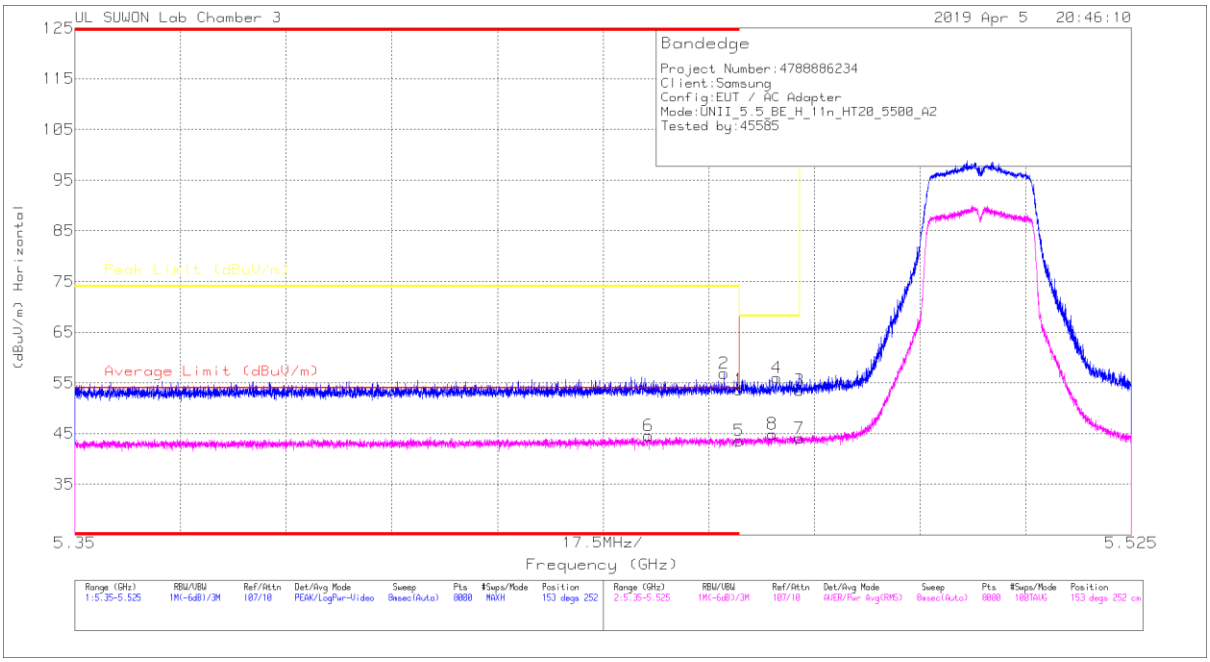
11.3.6.TX ABOVE 1GHz 802.11n HT20 1Tx ANT2 IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.29	Pk	34.7	-18.4	0	53.59	-	-	74	-20.41	153	252	H
2	* 5.458	40.67	Pk	34.7	-18.5	0	56.87	-	-	74	-17.13	153	252	H
3	5.47	37.31	Pk	34.7	-18.5	0	53.51	-	-	68.2	-14.69	153	252	H
4	5.466	39.75	Pk	34.7	-18.5	0	55.95	-	-	68.2	-12.25	153	252	H
5	* 5.46	27.89	RMS	34.7	-19	0	43.59	54	-10.41	-	-	153	252	H
6	* 5.445	28.93	RMS	34.7	-19	0	44.63	54	-9.37	-	-	153	252	H
7	5.47	28.23	RMS	34.7	-18.9	0	44.03	-	-	-	-	153	252	H
8	5.466	29.09	RMS	34.7	-18.9	0	44.89	-	-	-	-	153	252	H

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

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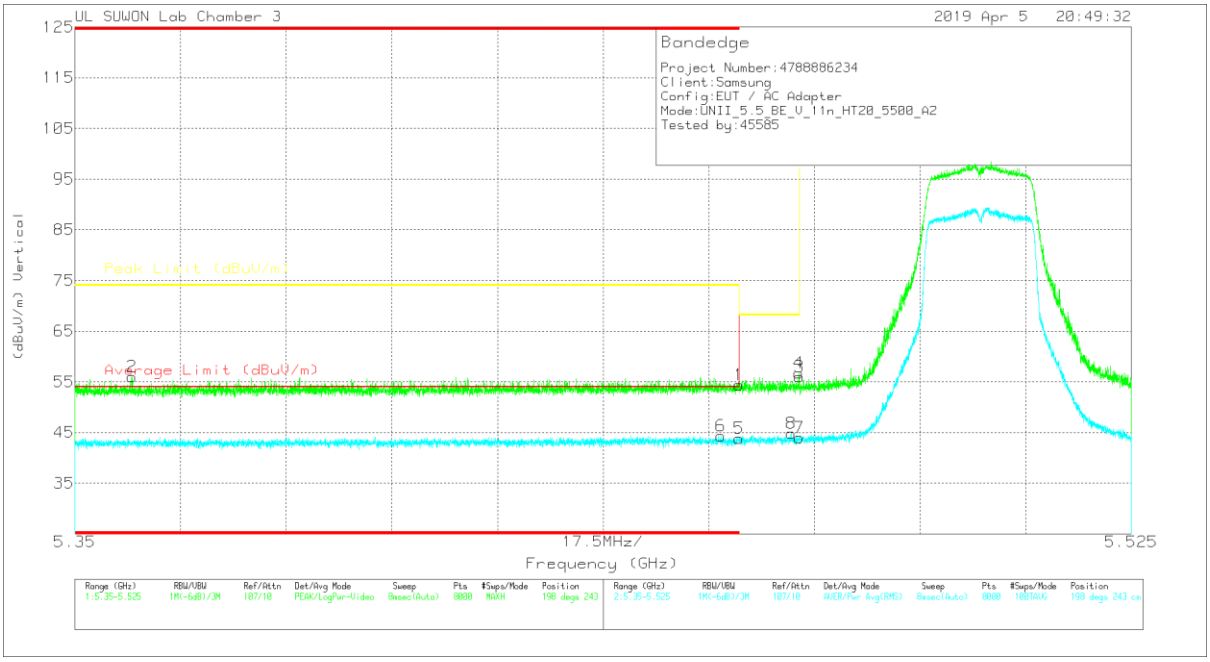
VERTICAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.12	Pk	34.7	-18.4	0	54.42	-	-	74	-19.58	198	243	V
2	* 5.359	39.98	Pk	34.7	-18.7	0	55.98	-	-	74	-18.02	198	243	V
3	5.47	39.77	Pk	34.7	-18.5	0	55.97	-	-	68.2	-12.23	198	243	V
4	5.47	40.57	Pk	34.7	-18.5	0	56.77	-	-	68.2	-11.43	198	243	V
5	* 5.46	28.11	RMS	34.7	-19	0	43.81	54	-10.19	-	-	198	243	V
6	* 5.457	28.64	RMS	34.7	-19	0	44.34	54	-9.66	-	-	198	243	V
7	5.47	28.16	RMS	34.7	-18.9	0	43.96	-	-	-	-	198	243	V
8	5.469	29	RMS	34.7	-18.9	0	44.8	-	-	-	-	198	243	V

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

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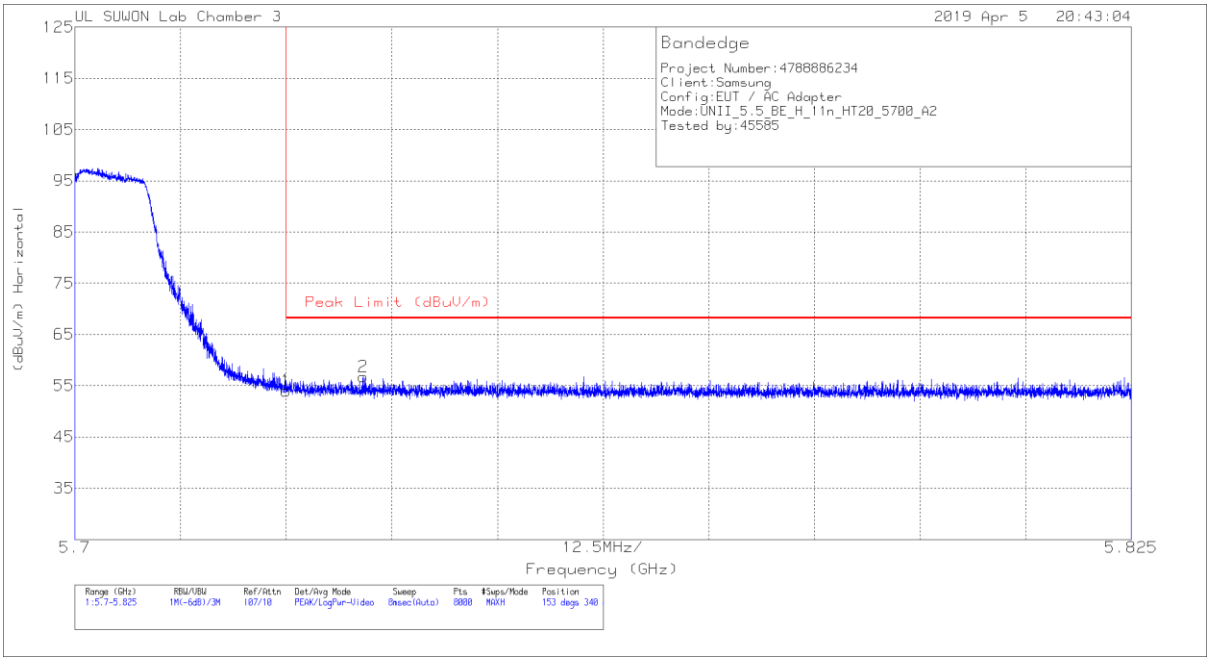
AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0020595 9	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.09	Pk	34.8	-17.9	0	53.99	68.2	-14.21	153	340	H
2	5.734	39.89	Pk	34.8	-17.9	0	56.79	68.2	-11.41	153	340	H

Pk - Peak detector

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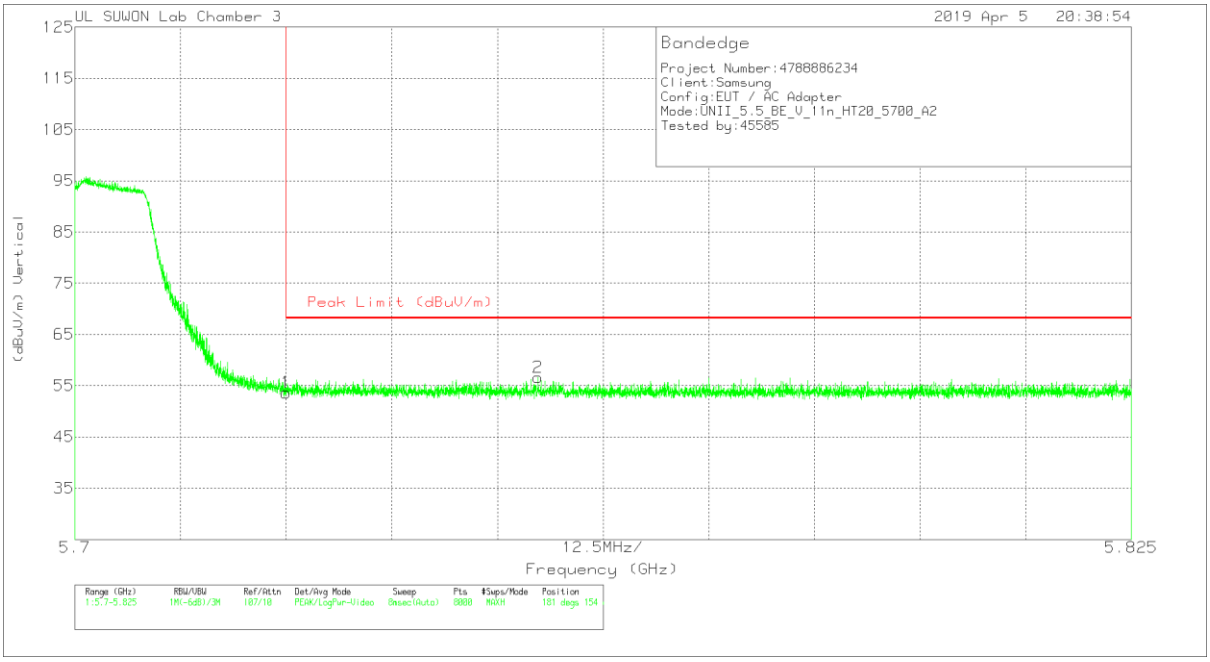
VERTICAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0020595 9	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	36.72	Pk	34.8	-17.9	0	53.62	68.2	-14.58	181	154	V
2	5.755	39.58	Pk	34.8	-17.8	0	56.58	68.2	-11.62	181	154	V

Pk - Peak detector

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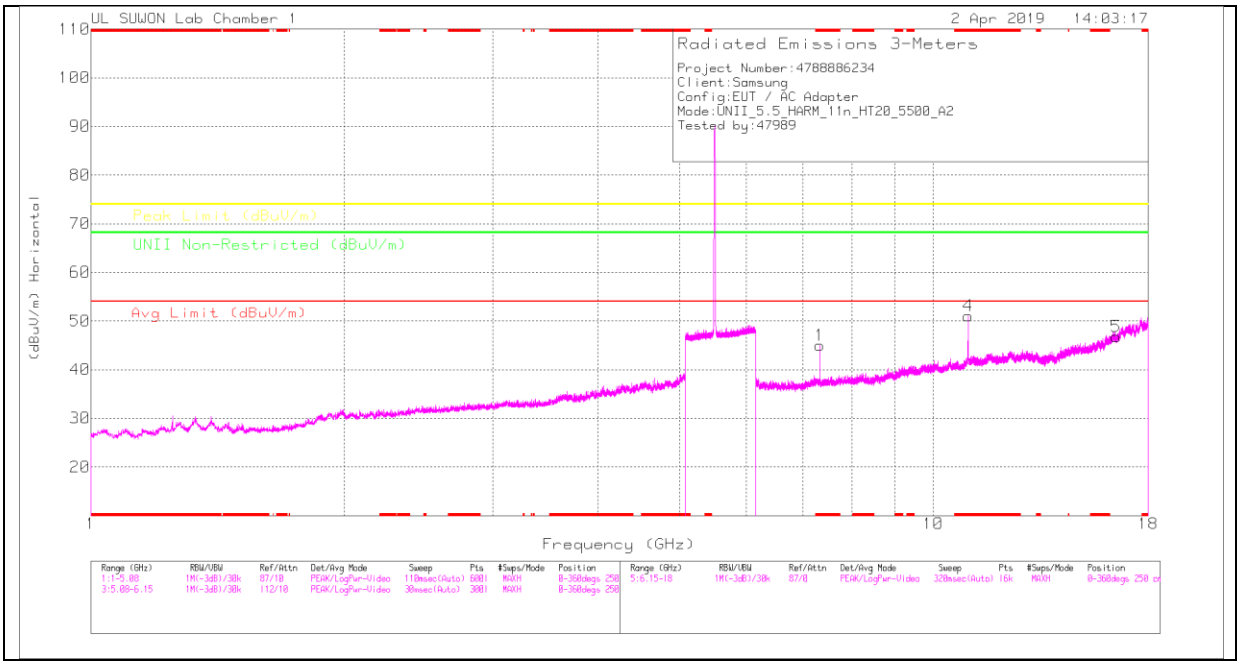
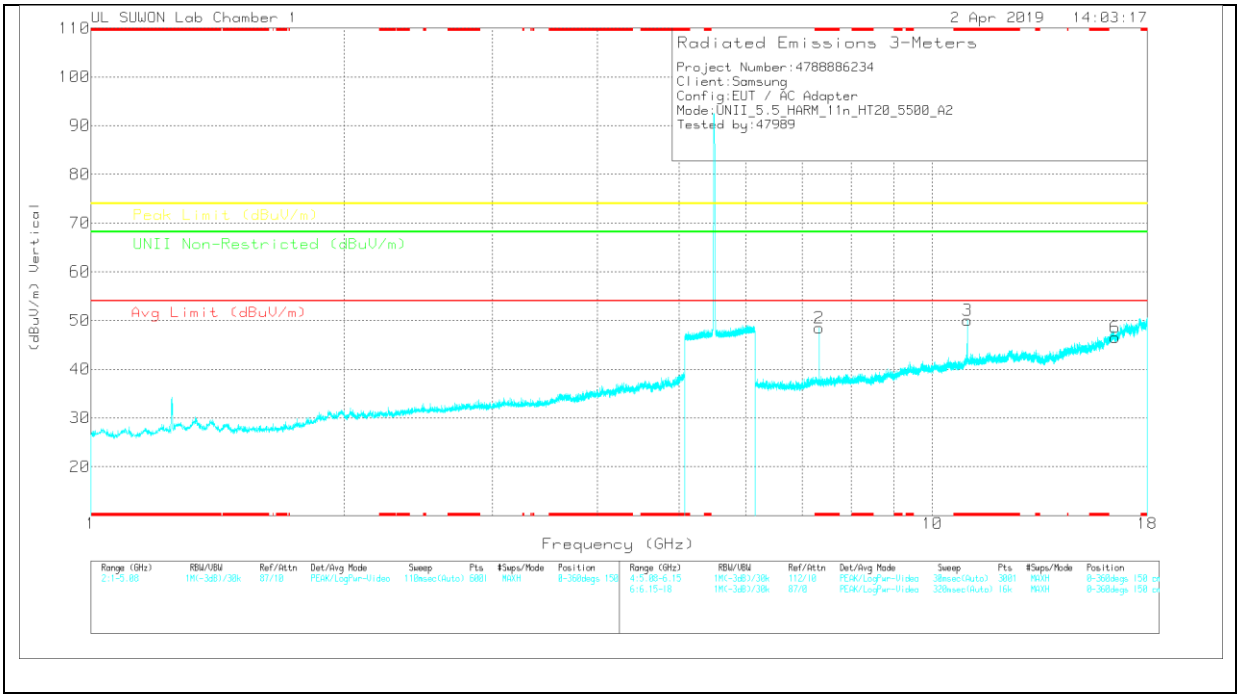
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

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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	* 7.333	36.39	PK	35.8	-27.2	0	44.99	-	-	74	-29.01	-	-	0-360	250	H
4	* 11	34.51	PK	38.2	-21.6	0	51.11	-	-	74	-22.89	-	-	0-360	150	H
5	16.494	25.31	PK	40.9	-19.4	0	46.81	-	-	-	-	68.2	-21.39	0-360	150	H
2	* 7.333	39.89	PK	35.8	-27.2	0	48.49	-	-	74	-25.51	-	-	0-360	150	V
3	* 11	33.43	PK	38.2	-21.6	0	50.03	-	-	74	-23.97	-	-	0-360	150	V
6	16.497	25.15	PK	40.9	-19.5	0	46.55	-	-	-	-	68.2	-21.65	0-360	150	V

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

PK – Peak Detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.333	42.8	PK-U	35.8	-27.2	0	51.4	-	-	74	-22.6	-	-	216	158	H
* 7.333	36.13	ADR	35.8	-27.2	0	44.73	54	-9.27	-	-	-	-	216	158	H
* 7.333	44.75	PK-U	35.8	-27.2	0	53.35	-	-	74	-20.65	-	-	172	164	V
* 7.333	39.75	ADR	35.8	-27.2	0	48.35	54	-5.65	-	-	-	-	172	164	V
* 10.998	43.11	PK-U	38.2	-21.6	0	59.71	-	-	74	-14.29	-	-	199	147	V
* 11	32.21	ADR	38.2	-21.6	0	48.81	54	-5.19	-	-	-	-	199	147	V
* 11	43.57	PK-U	38.2	-21.6	0	60.17	-	-	74	-13.83	-	-	223	175	H
* 11	34.19	ADR	38.2	-21.6	0	50.79	54	-3.21	-	-	-	-	223	175	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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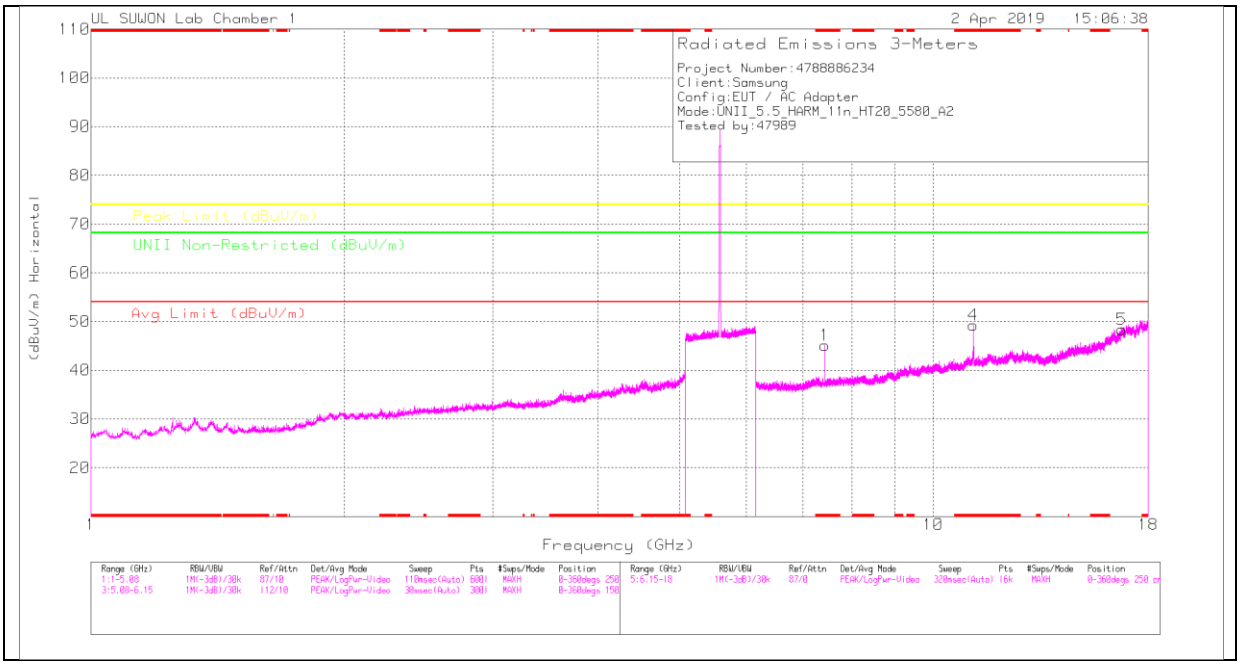
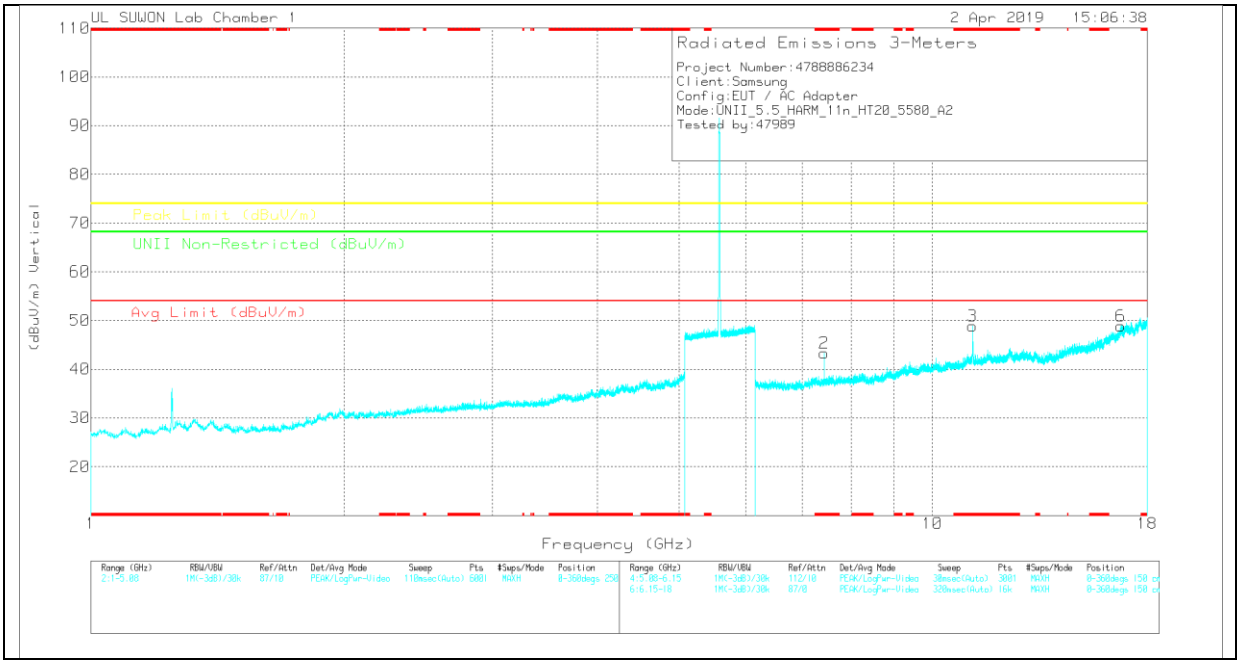
MID CHANNEL HORIZONTAL



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	* 7.439	36.63	PK	35.8	-27.3	0	45.13	-	-	74	-28.87	-	-	0-360	150	H
4	* 11.16	33.3	PK	38.3	-22.4	0	49.2	-	-	74	-24.8	-	-	0-360	250	H
5	16.746	24.25	PK	41.3	-17.2	0	48.35	-	-	-	-	68.2	-19.85	0-360	150	H
2	* 7.439	34.77	PK	35.8	-27.3	0	43.27	-	-	74	-30.73	-	-	0-360	150	V
3	* 11.16	32.98	PK	38.3	-22.4	0	48.88	-	-	74	-25.12	-	-	0-360	150	V
6	16.745	24.82	PK	41.3	-17.3	0	48.82	-	-	-	-	68.2	-19.38	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
* 7.44	43.55	PK-U	35.8	-27.4	0	51.95	-	-	74	-22.05	-	-	203	362	H
* 7.44	36.63	ADR	35.8	-27.4	0	45.03	54	-8.97	-	-	-	-	203	362	H
* 7.44	43.17	PK-U	35.8	-27.3	0	51.67	-	-	74	-22.33	-	-	194	400	V
* 7.44	34.5	ADR	35.8	-27.4	0	42.9	54	-11.1	-	-	-	-	194	400	V
* 11.16	40.46	PK-U	38.3	-22.4	0	56.36	-	-	74	-17.64	-	-	211	156	V
* 11.16	30.17	ADR	38.3	-22.4	0	46.07	54	-7.93	-	-	-	-	211	156	V
* 11.161	43.44	PK-U	38.3	-22.4	0	59.34	-	-	74	-14.66	-	-	222	167	H
* 11.16	33.46	ADR	38.3	-22.4	0	49.36	54	-4.64	-	-	-	-	222	167	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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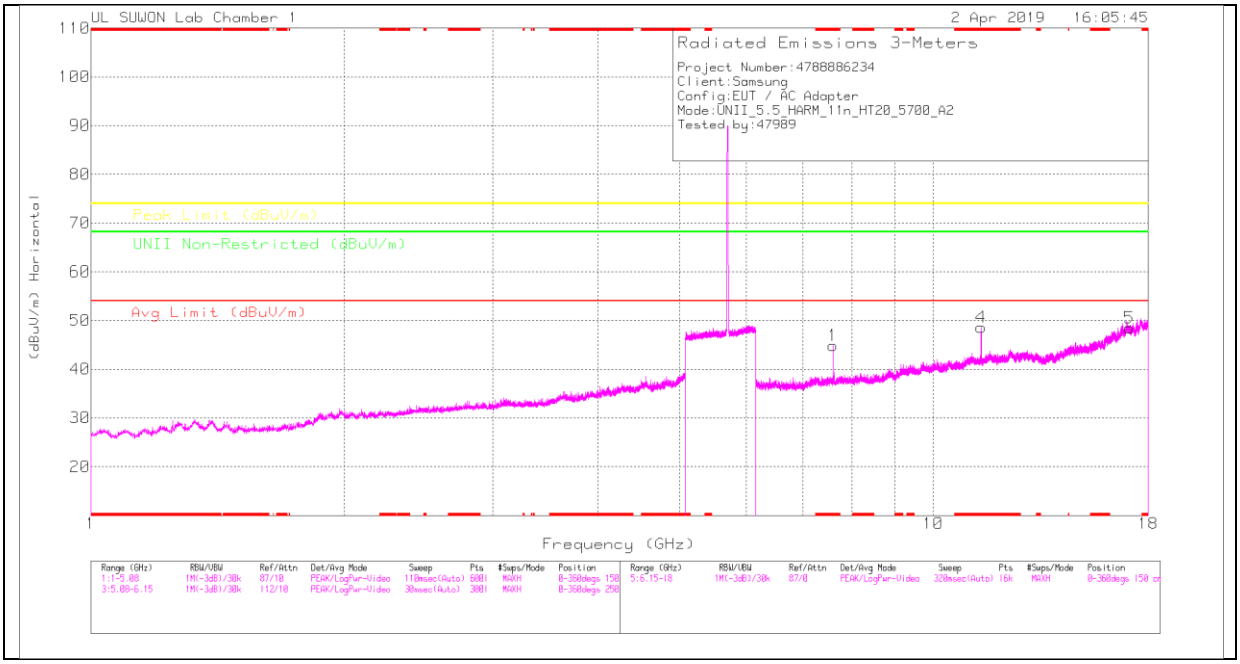
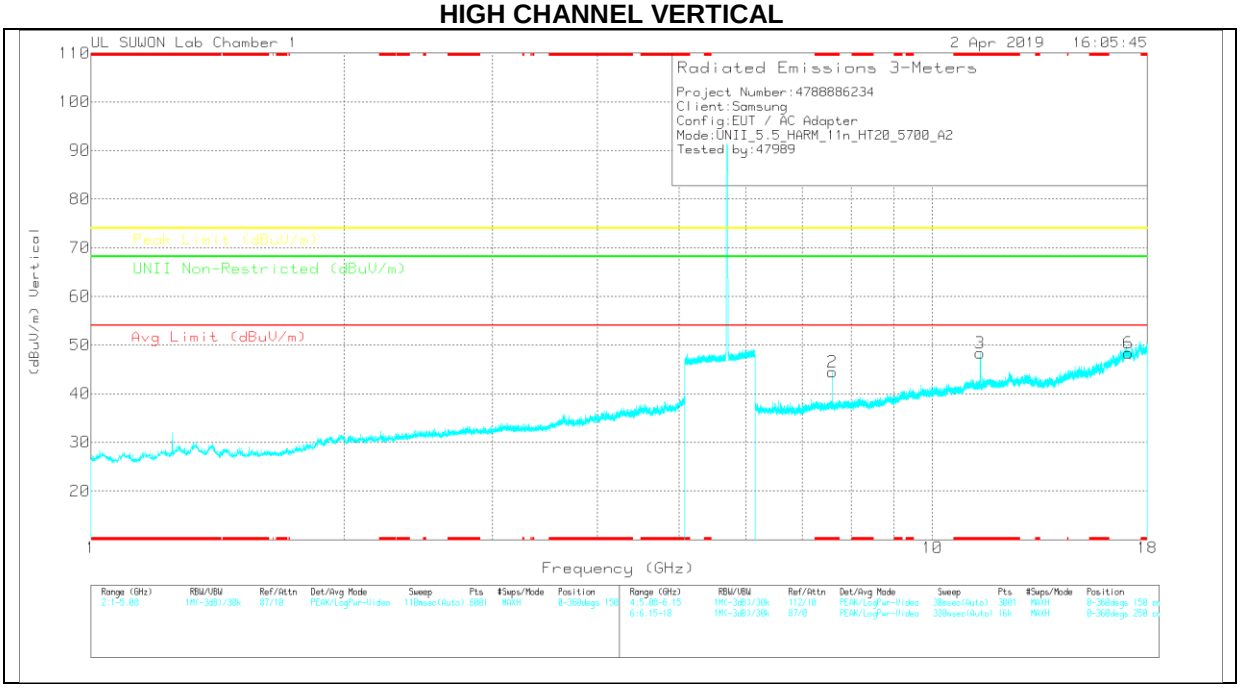
HIGH CHANNEL HORIZONTAL



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	* 7.599	35.57	PK	35.8	-26.5	0	44.87	-	-	74	-29.13	-	-	0-360	150	H
4	* 11.4	32.58	PK	38.4	-22.4	0	48.58	-	-	74	-25.42	-	-	0-360	150	H
5	17.093	24.13	PK	41.6	-17.2	0	48.53	-	-	-	-	68.2	-19.67	0-360	150	H
2	* 7.599	35.16	PK	35.8	-26.5	0	44.46	-	-	74	-29.54	-	-	0-360	150	V
3	* 11.394	32.3	PK	38.4	-22.3	0	48.4	-	-	74	-25.6	-	-	0-360	150	V
6	17.096	23.89	PK	41.6	-17.2	0	48.29	-	-	-	-	68.2	-19.91	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
* 7.6	42.47	PK-U	35.8	-26.5	0	51.77	-	-	74	-22.23	-	-	206	375	H
* 7.6	36.22	ADR	35.8	-26.5	0	45.52	54	-8.48	-	-	-	-	206	375	H
* 7.6	41.95	PK-U	35.8	-26.5	0	51.25	-	-	74	-22.75	-	-	213	157	V
* 7.6	35.13	ADR	35.8	-26.5	0	44.43	54	-9.57	-	-	-	-	213	157	V
* 11.4	44.68	PK-U	38.5	-22.4	0	60.78	-	-	74	-13.22	-	-	173	166	V
* 11.4	32.23	ADR	38.4	-22.4	0	48.23	54	-5.77	-	-	-	-	173	166	V
* 11.4	43.35	PK-U	38.4	-22.4	0	59.35	-	-	74	-14.65	-	-	223	160	H
* 11.4	32.09	ADR	38.4	-22.4	0	48.09	54	-5.91	-	-	-	-	223	160	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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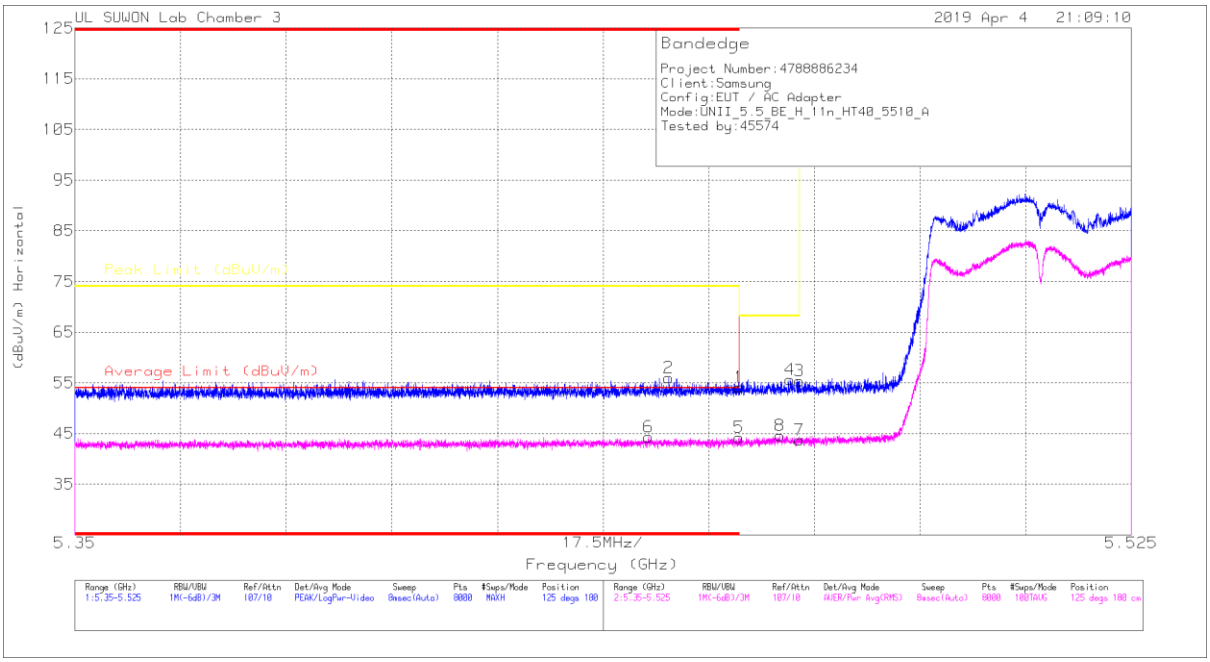
11.3.7. TX ABOVE 1GHz 802.11n HT40 2Tx CDD MODE IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.8	Pk	34.7	-18.4	0	54.1	-	-	74	-19.9	125	180	H
2	* 5.448	39.85	Pk	34.7	-18.5	0	56.05	-	-	74	-17.95	125	180	H
3	5.47	39.21	Pk	34.7	-18.5	0	55.41	-	-	68.2	-12.79	125	180	H
4	5.468	39.43	Pk	34.7	-18.5	0	55.63	-	-	68.2	-12.57	125	180	H
5	* 5.46	28.46	RMS	34.7	-19	0	44.16	54	-9.84	-	-	125	180	H
6	* 5.445	28.65	RMS	34.7	-19	0	44.35	54	-9.65	-	-	125	180	H
7	5.47	27.87	RMS	34.7	-18.9	0	43.67	-	-	-	-	125	180	H
8	5.467	28.75	RMS	34.7	-18.9	0	44.55	-	-	-	-	125	180	H

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

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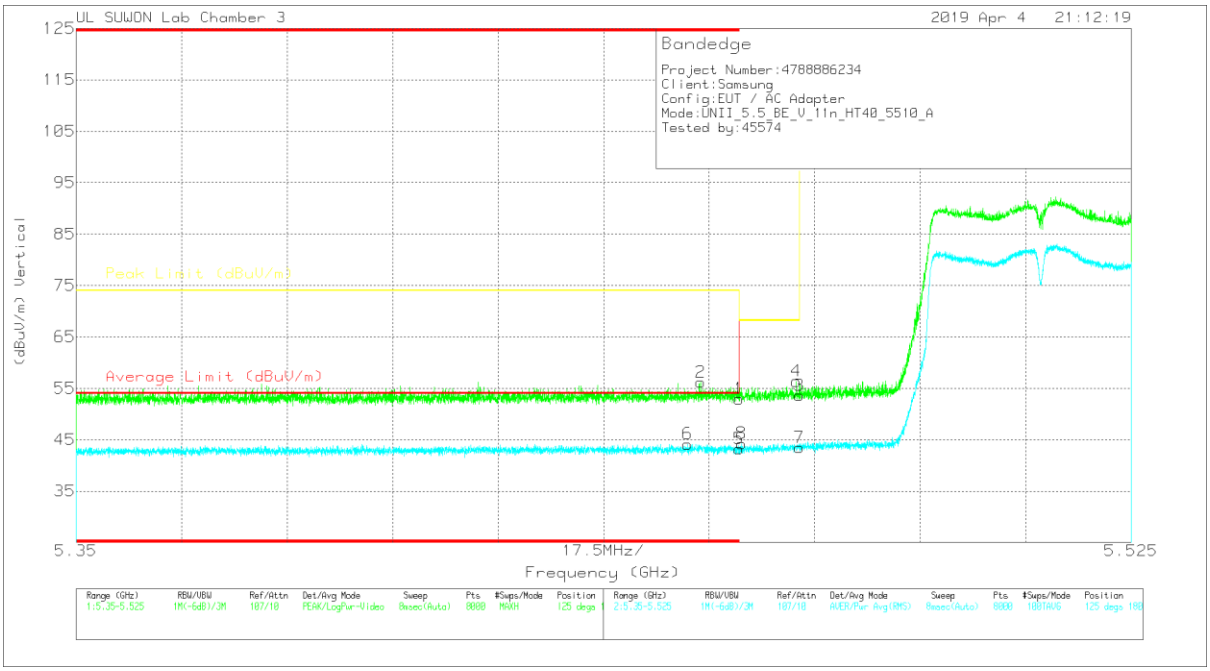
VERTICAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	36.66	Pk	34.7	-18.4	0	52.96	-	-	74	-21.04	125	180	V
2	* 5.454	40	Pk	34.7	-18.5	0	56.2	-	-	74	-17.8	125	180	V
3	5.47	37.42	Pk	34.7	-18.5	0	53.62	-	-	68.2	-14.58	125	180	V
4	5.469	40.18	Pk	34.7	-18.5	0	56.38	-	-	68.2	-11.82	125	180	V
5	* 5.46	27.53	RMS	34.7	-19	0	43.23	54	-10.77	-	-	125	180	V
6	* 5.451	28.45	RMS	34.7	-19	0	44.15	54	-9.85	-	-	125	180	V
7	5.47	27.67	RMS	34.7	-18.9	0	43.47	-	-	-	-	125	180	V
8	5.46	28.55	RMS	34.7	-19	0	44.25	-	-	-	-	125	180	V

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

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