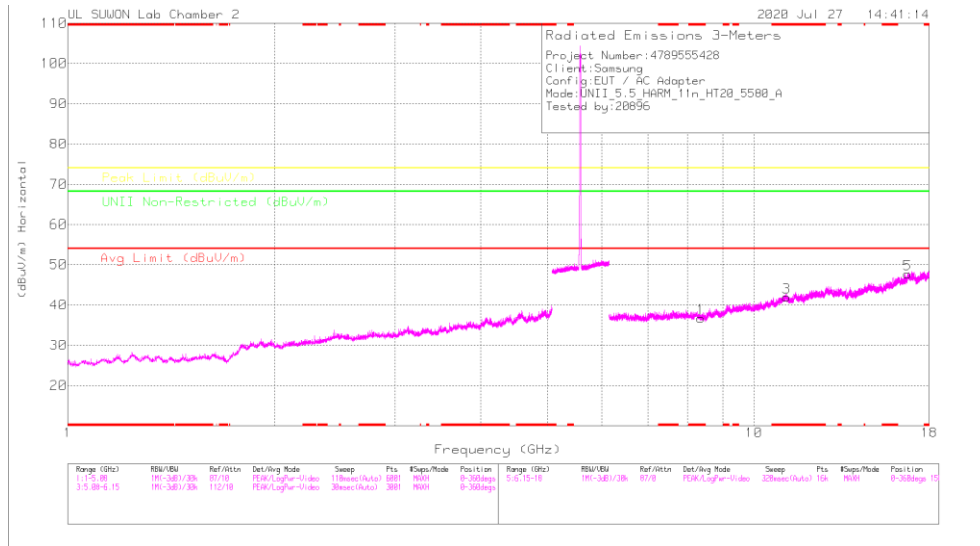
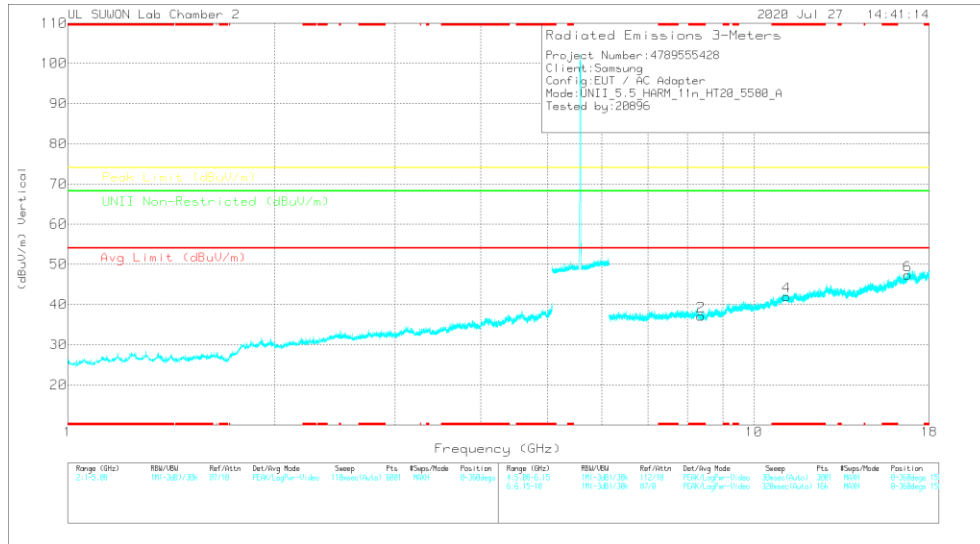


MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

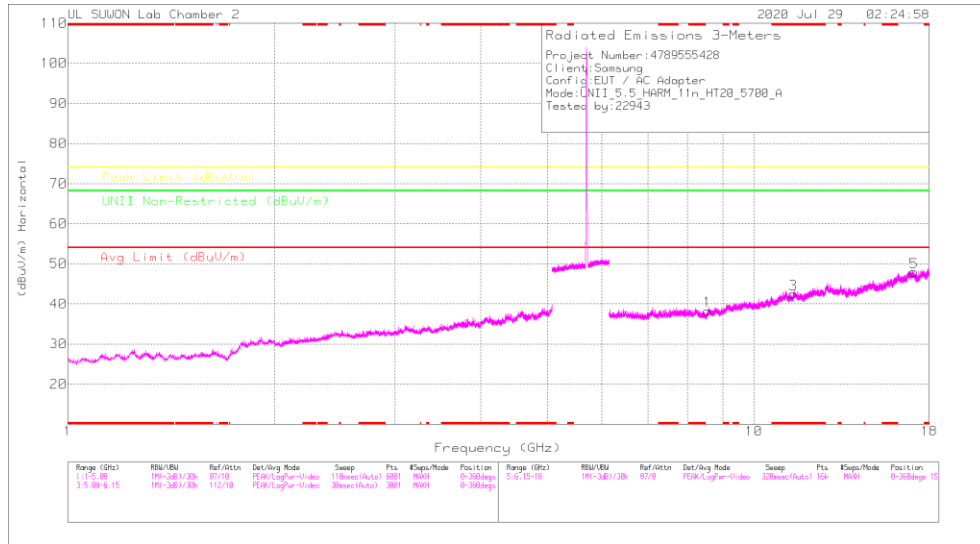
Radiated Emissions

Frequency (GHz)	Meas. Reading (dBm)	Det.	317_0028957	6GHz_HF[SBS]	DC Corr (dB)	Consolidated Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	Margin (dB)	UNII Non-Restricted (dBm)	Margin (dB)	Altitude (m)	Height (m)	Polarity
* 8.37421	35.35	PK-U	36	-23.6	0	47.75	-	-	74	-26.25	-	-	0	100	H
* 8.37739	35.66	PK-U	36	-23.6	0	48.06	-	-	74	-25.94	-	-	0	100	V
* 11.15102	33.52	PK-U	38.2	-19.1	0	52.62	-	-	74	-21.38	-	-	0	100	H
* 11.15097	34.03	PK-U	38.2	-19.1	0	53.13	-	-	74	-20.87	-	-	0	100	V
16.74247	35.07	PK-U	42	-18.9	0	58.17	-	-	-	-	68.2	-10.03	0	100	H
16.74479	34.33	PK-U	42	-18.9	0	57.43	-	-	-	-	68.2	-10.77	0	100	V

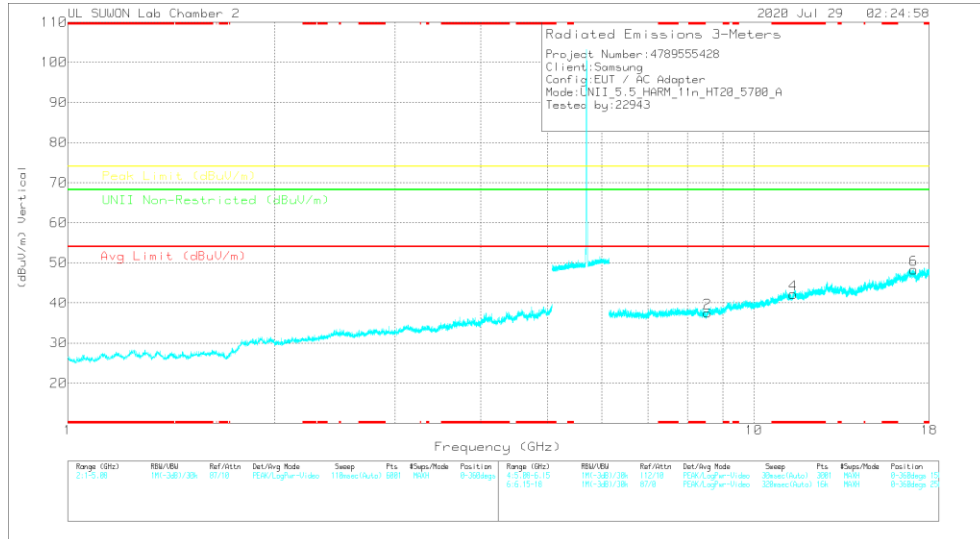
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Radiated Emissions

Frequency (GHz)	Meas Reading (dBm)	Det	317_00218957	6GHz_HPSIS	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (m)	Height (m)	Polarity
8.55097	35.49	PK-U	36.1	-22.5	0	49.09	-	-	-	-	68.2	-19.11	360	100	H
8.54976	35.48	PK-U	36.1	-22.5	0	49.08	-	-	-	-	68.2	-19.12	360	100	V
* 11.39889	33.48	PK-U	38.2	-20	0	51.68	-	-	74	-22.32	-	-	360	100	H
* 11.40048	34.2	PK-U	38.2	-19.9	0	52.5	-	-	74	-21.5	-	-	360	100	V
17.10164	34.7	PK-U	42	-18.2	0	58.5	-	-	-	-	68.2	-9.7	360	100	H
17.0993	34.28	PK-U	42	-18.3	0	57.98	-	-	-	-	68.2	-10.22	360	100	V

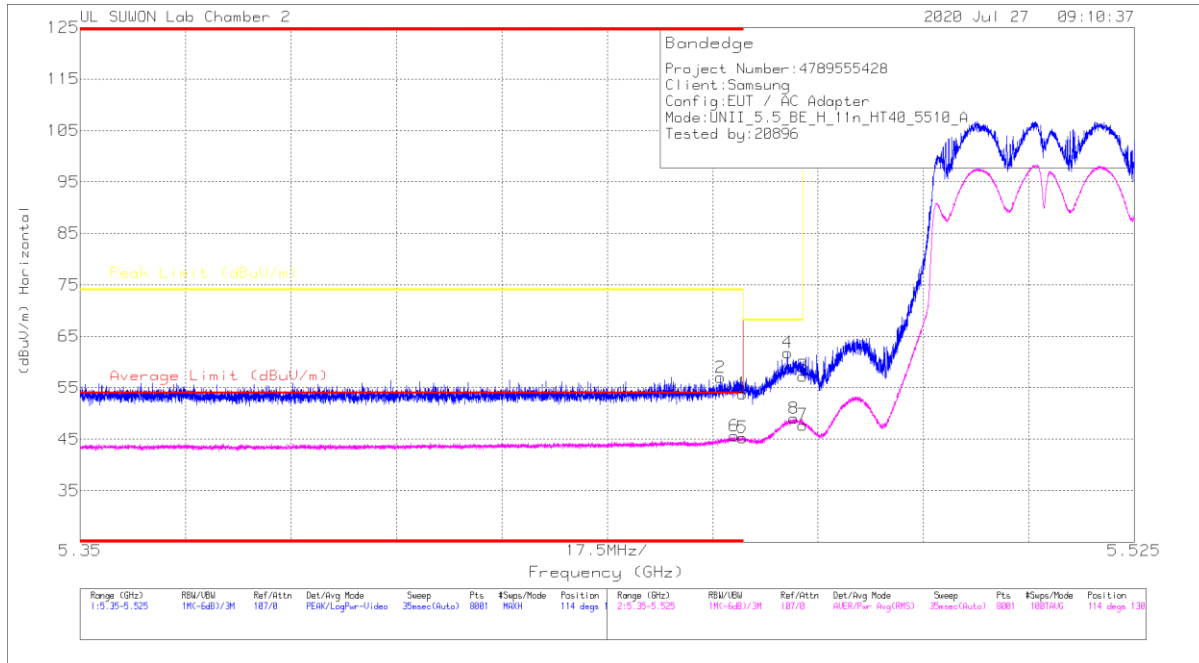
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

11.3.3. TX ABOVE 1GHz 802.11n HT40 2Tx MODE IN THE 5.5GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

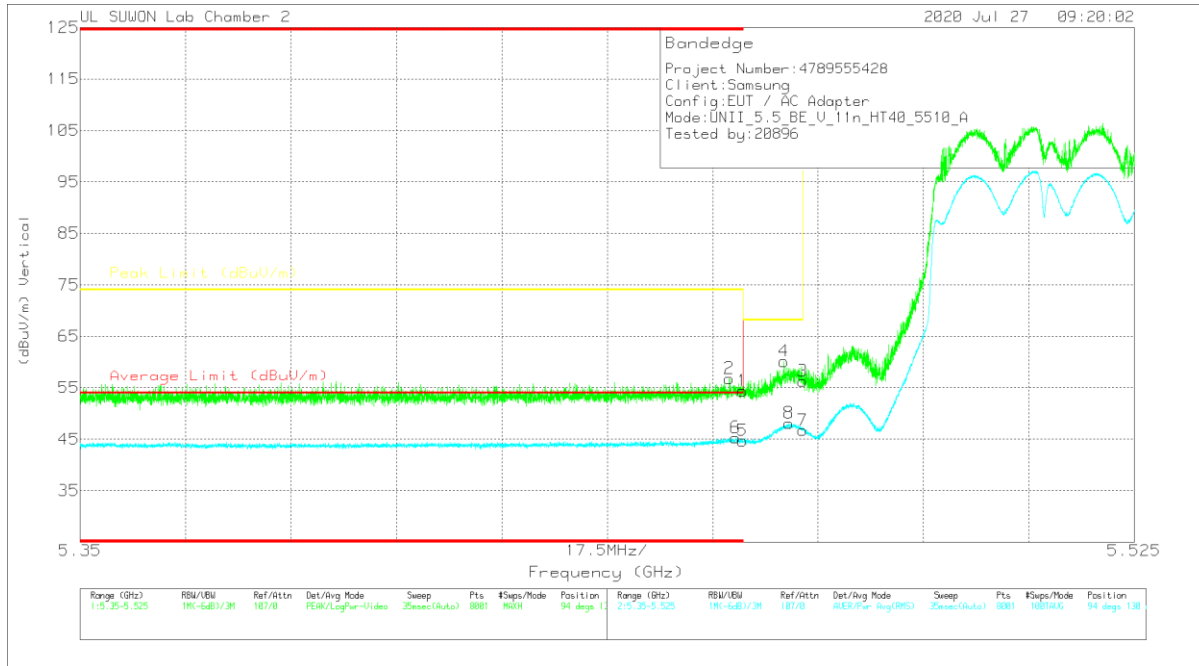
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.45999	36.96	PK	35	-18.1	0	53.86	-	-	74	-20.14	114	130	H
2	* 5.45631	40.1	PK	35	-18.1	0	57	-	-	74	-17	114	130	H
3	5.46998	40.38	PK	35	-18.1	0	57.28	-	-	68.2	-10.92	114	130	H
4	5.46745	44.92	PK	35	-18.1	0	61.82	-	-	68.2	-6.38	114	130	H
5	* 5.45999	28.42	RMS	35	-18.1	0	45.32	54	-8.68	-	-	114	130	H
6	* 5.45863	28.73	RMS	35	-18.1	0	45.63	54	-8.37	-	-	114	130	H
7	5.46998	30.83	RMS	35	-18.1	0	47.73	-	-	-	-	114	130	H
8	5.4685	32.13	RMS	35	-18.1	0	49.03	-	-	-	-	114	130	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	2117_00218957	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	37.49	Pk	35	-18.1	0	54.39	-	-	74	-19.61	94	130	V
2	* 5.45778	39.9	Pk	35	-18.1	0	56.8	-	-	74	-17.2	94	130	V
3	5.46998	39.38	Pk	35	-18.1	0	56.28	-	-	68.2	-11.92	94	130	V
4	5.46679	43.23	Pk	35	-18.1	0	60.13	-	-	68.2	-8.07	94	130	V
5	* 5.45999	27.84	RMS	35	-18.1	0	44.74	54	-9.26	-	-	94	130	V
6	* 5.45883	28.39	RMS	35	-18.1	0	45.29	54	-8.71	-	-	94	130	V
7	5.46998	29.84	RMS	35	-18.1	0	46.74	-	-	-	-	94	130	V
8	5.46764	31.22	RMS	35	-18.1	0	48.12	-	-	-	-	94	130	V

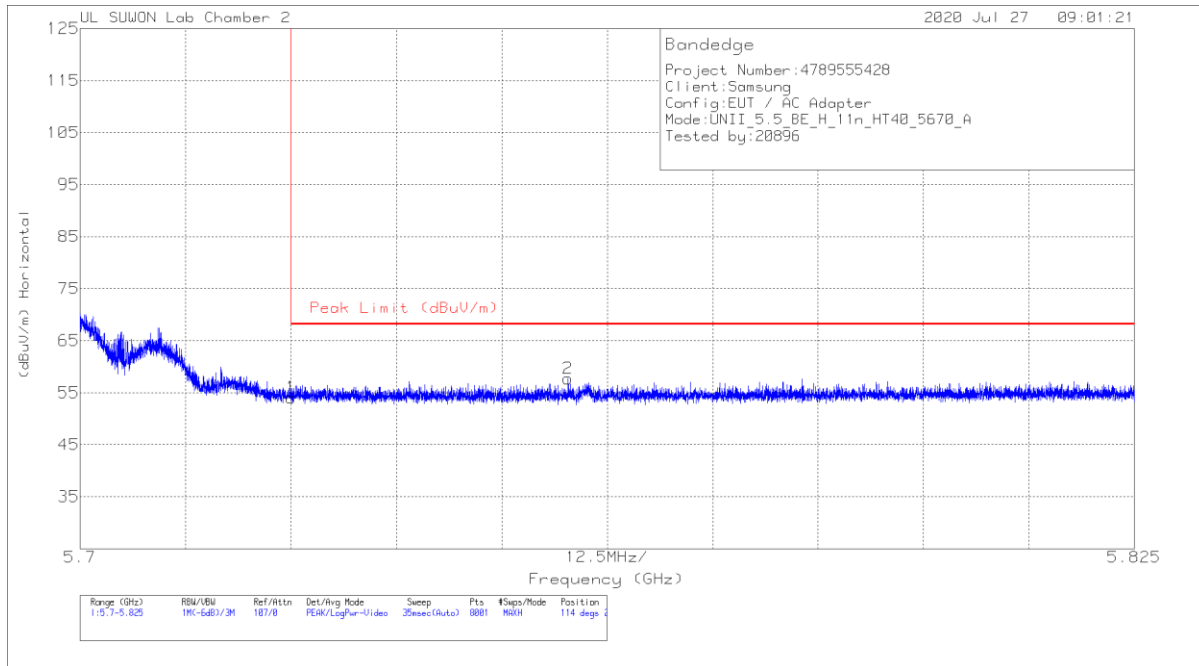
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA

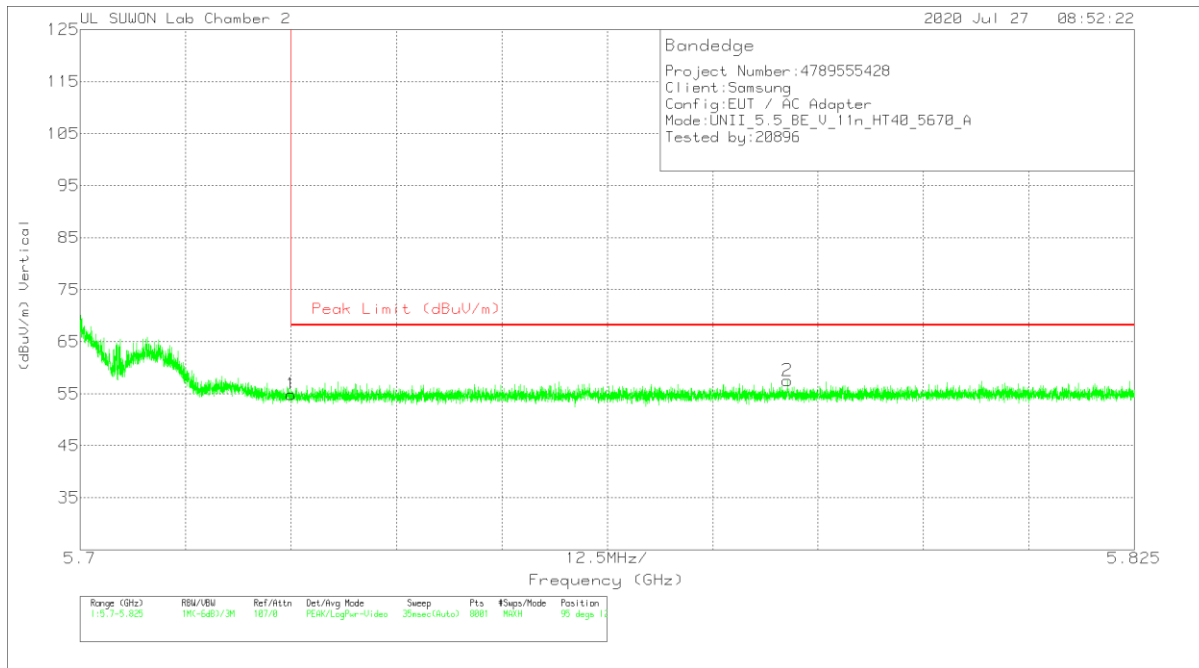


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	36.32	Pk	35.2	-17.5	0	54.02	68.2	-14.18	114	255	H
2	5.75784	40.01	Pk	35.2	-17.5	0	57.71	68.2	-10.49	114	255	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE DATA



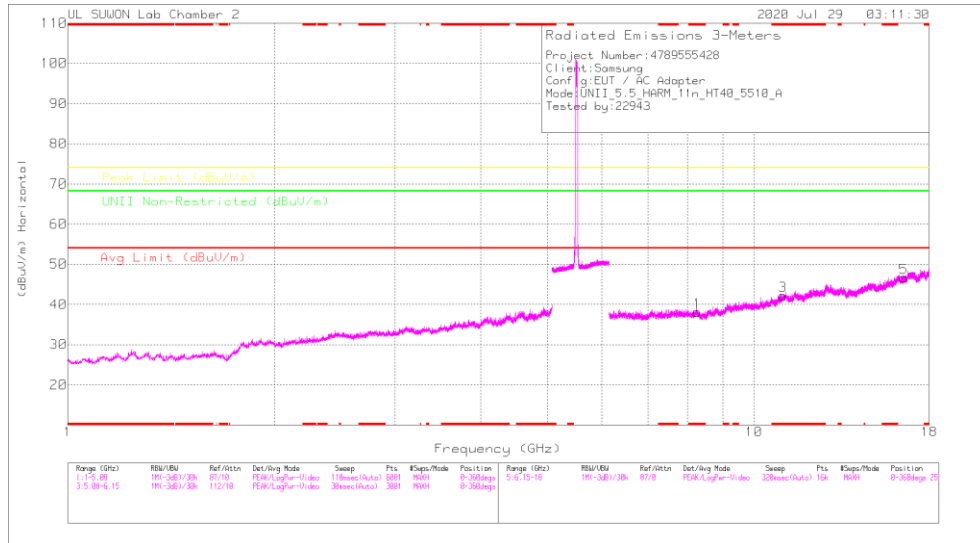
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	37.2	Pk	35.2	-17.5	0	54.9	68.2	-13.3	95	123	V
2	5.78386	39.73	Pk	35.3	-17.5	0	57.53	68.2	-10.67	95	123	V

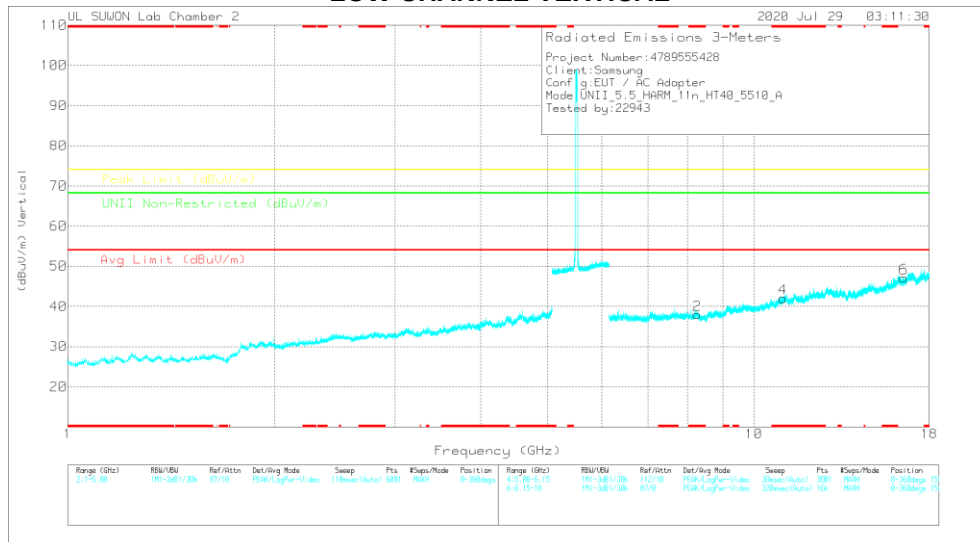
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

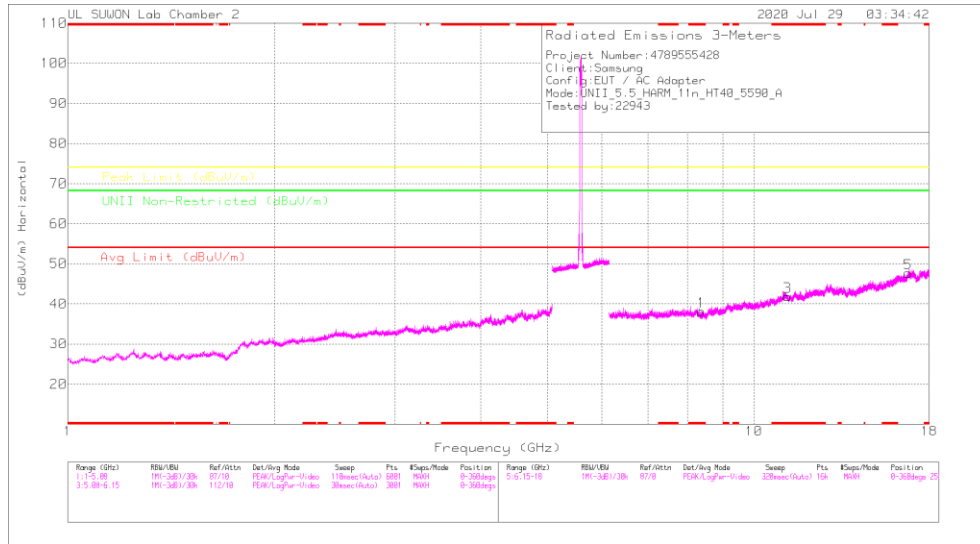
Radiated Emissions

Frequency (GHz)	Meas. Reading (dBuV)	Det	317_00218957	6GHz_HF908	DC Corr (dB)	Corrected Reading (dBuV)	Avg Limit (dBuV/m)	Margn (dB)	Peak Limit (dBuV/m)	Margn (dB)	UNII Non-Restricted (dBuV/m)	Margn (dB)	Asmth (dBm)	Height (cm)	Polarity
* 8.26611	35.7	PK-U	36	-22.8	0	48.9	-	-	74	-25.1	-	-	360	100	H
* 8.26449	35.11	PK-U	36	-22.8	0	48.31	-	-	74	-25.69	-	-	360	100	V
* 11.01946	34.06	PK-U	38	-20.3	0	51.76	-	-	74	-22.24	-	-	360	100	H
* 11.01889	33.96	PK-U	38	-20.3	0	51.66	-	-	74	-22.34	-	-	360	100	V
16.5267	34.62	PK-U	41.7	-19.7	0	56.62	-	-	-	-	68.2	-11.58	360	100	H
16.5362	35.3	PK-U	41.7	-19.6	0	57.4	-	-	-	-	68.2	-10.8	360	100	V

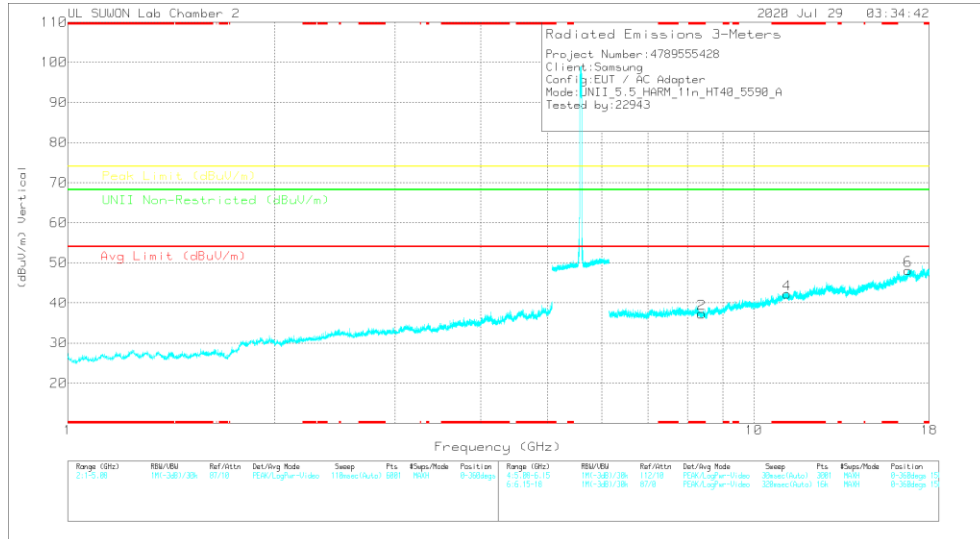
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

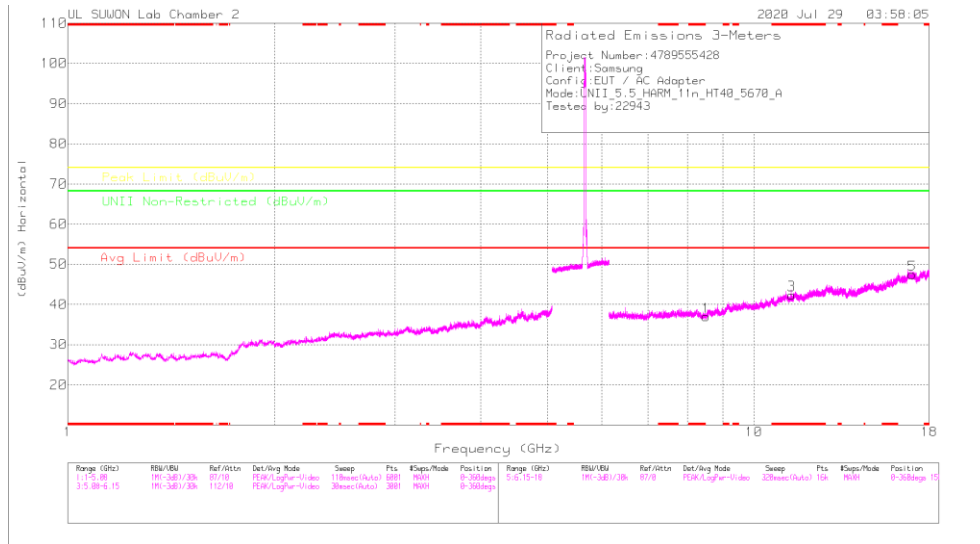
Radiated Emissions

Frequency (GHz)	Meas. Reading (dBm)	Det.	317_00218957	6GHz_HF[5B]	DC Cor (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	Margin (dB)	UNII Non-Restricted (dBm)	Margin (dB)	Asmth (dBm)	Height (cm)	Polarity
* 8.38628	35.45	PK-U	36	-23.6	0	47.85	-	-	74	-26.15	-	-	360	100	H
* 8.38432	35.54	PK-U	36	-23.6	0	47.94	-	-	74	-26.06	-	-	360	100	V
* 11.17972	34.99	PK-U	38.2	-19.5	0	53.69	-	-	74	-20.31	-	-	360	100	H
* 11.17828	34.15	PK-U	38.2	-19.5	0	52.85	-	-	74	-21.15	-	-	360	100	V
16.76629	34.61	PK-U	42.1	-18.7	0	58.01	-	-	-	-	68.2	-10.19	360	100	H
16.76624	34.84	PK-U	42.1	-18.7	0	58.24	-	-	-	-	68.2	-9.96	360	100	V

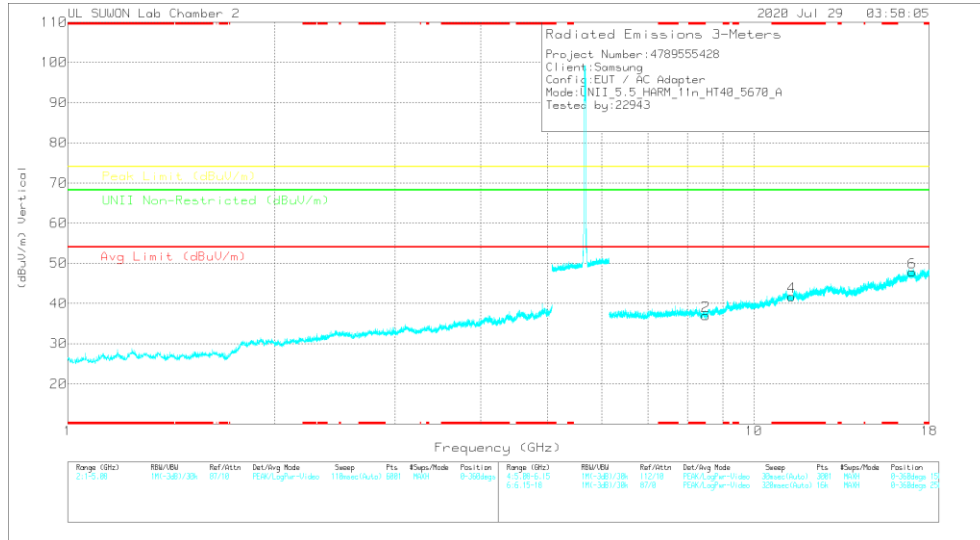
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Radiated Emissions

Frequency (GHz)	Mean Reading (dBm)	Det	3117_00218957	6GHz_HPS[B]	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (m)	Height (m)	Polarity
8.50685	35.05	PK-U	36.1	-23.2	0	47.95	-	-	-	-	68.2	-20.24	360	100	H
8.50597	35.19	PK-U	36.1	-23.2	0	48.09	-	-	-	-	68.2	-20.11	360	100	V
* 11.33866	33.97	PK-U	38.2	-20.1	0	52.07	-	-	74	-21.93	-	-	360	100	H
* 11.34111	33.75	PK-U	38.2	-20	0	51.95	-	-	74	-22.05	-	-	360	100	V
17.01088	34.5	PK-U	42.1	-18.4	0	58.2	-	-	-	-	68.2	-10	360	100	H
17.00829	34.69	PK-U	42.1	-18.3	0	58.49	-	-	-	-	68.2	-9.71	360	100	V

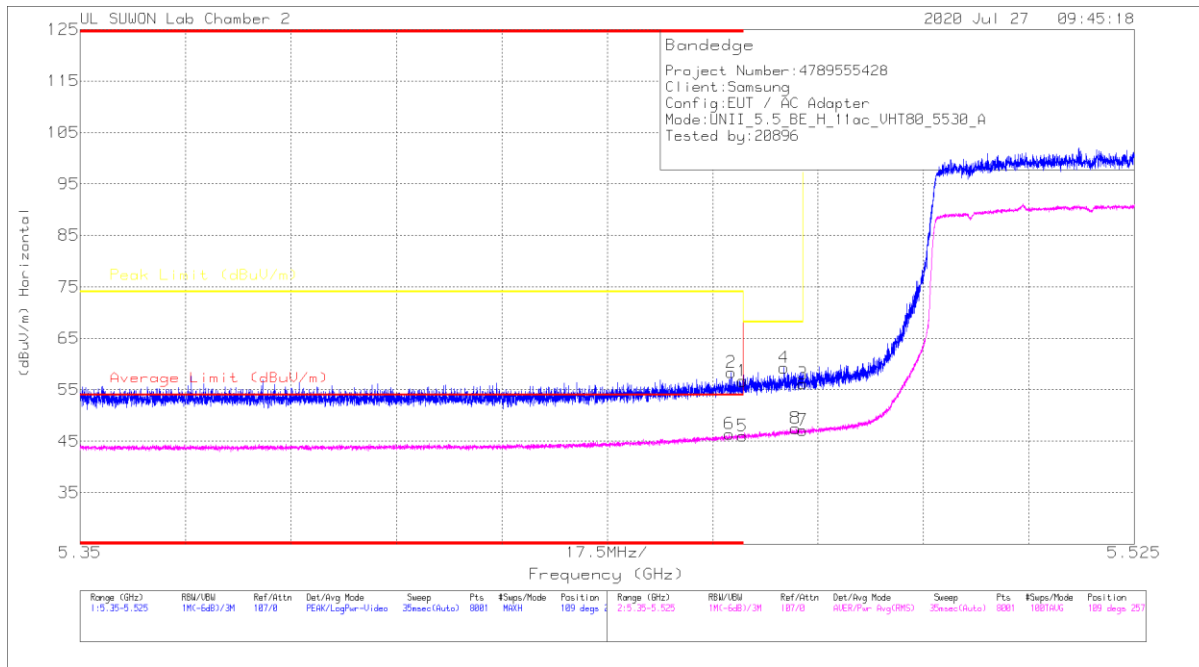
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

11.3.4. TX ABOVE 1GHz 802.11ac VHT80 2Tx MODE IN THE 5.5GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

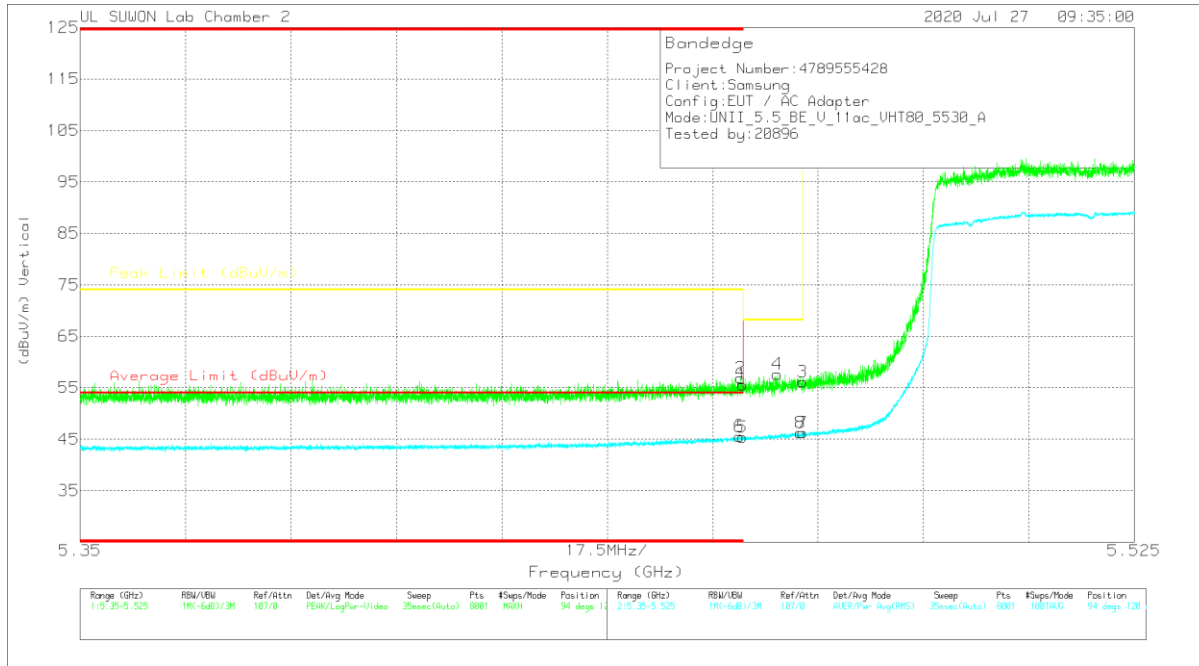
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	39.82	Pk	35	-18.1	0	56.72	-	-	74	-17.28	109	257	H
2	* 5.45806	41.46	Pk	35	-18.1	0	58.36	-	-	74	-15.64	109	257	H
3	5.46998	39.26	Pk	35	-18.1	0	56.16	-	-	68.2	-12.04	109	257	H
4	5.46686	42.38	Pk	35	-18.1	0	59.28	-	-	68.2	-8.92	109	257	H
5	* 5.45999	29.11	RMS	35	-18.1	0	46.01	54	-7.99	-	-	109	257	H
6	* 5.45773	29.53	RMS	35	-18.1	0	46.43	54	-7.57	-	-	109	257	H
7	5.46998	30.21	RMS	35	-18.1	0	47.11	-	-	-	-	109	257	H
8	5.46876	30.61	RMS	35	-18.1	0	47.51	-	-	-	-	109	257	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	2117_00218957	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	38.69	Pk	35	-18.1	0	55.59	-	-	74	-18.41	94	120	V
2	* 5.45962	39.97	Pk	35	-18.1	0	56.87	-	-	74	-17.13	94	120	V
3	5.46998	39.23	Pk	35	-18.1	0	56.13	-	-	68.2	-12.07	94	120	V
4	5.46574	40.74	Pk	35	-18.1	0	57.64	-	-	68.2	-10.56	94	120	V
5	* 5.45999	28.49	RMS	35	-18.1	0	45.39	54	-8.61	-	-	94	120	V
6	* 5.45946	28.62	RMS	35	-18.1	0	45.52	54	-8.48	-	-	94	120	V
7	5.46998	29.33	RMS	35	-18.1	0	46.23	-	-	-	-	94	120	V
8	5.46959	29.32	RMS	35	-18.1	0	46.22	-	-	-	-	94	120	V

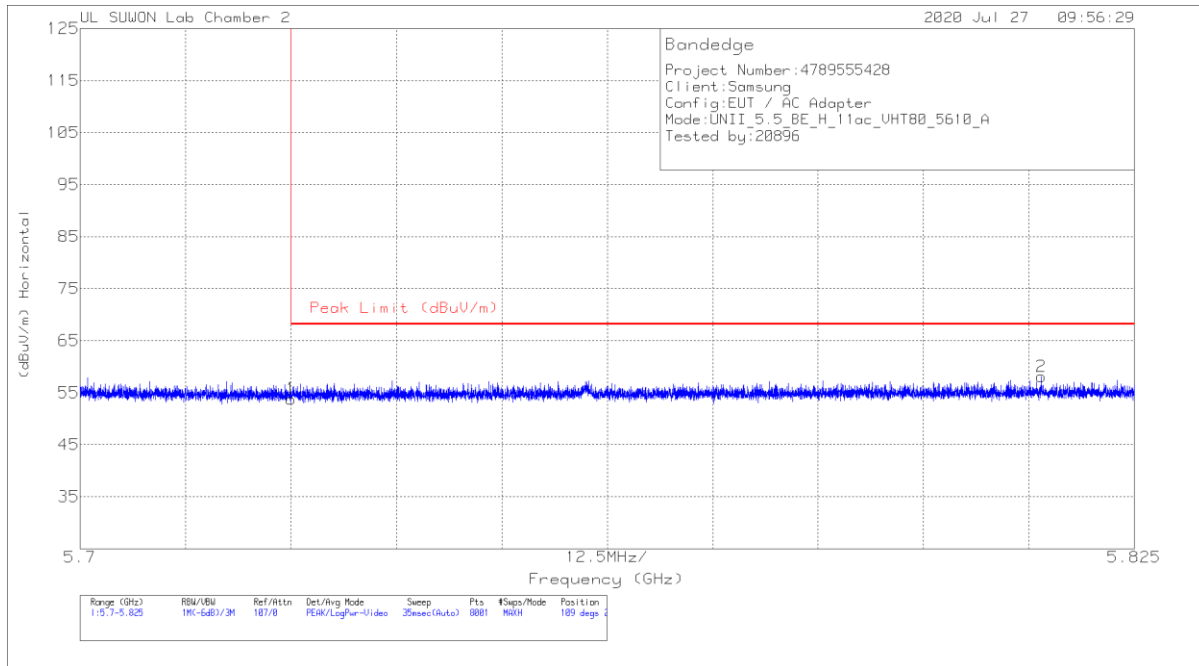
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA

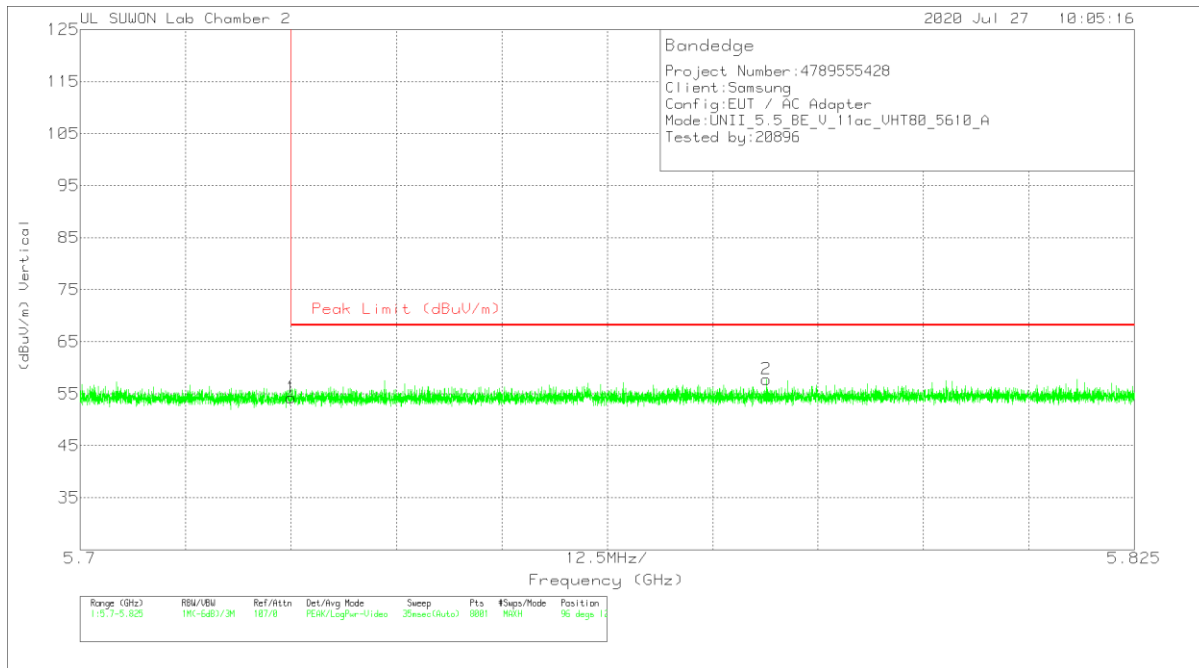


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	36.1	Pk	35.2	-17.5	0	53.8	68.2	-14.4	109	281	H
2	5.81397	40.1	Pk	35.4	-17.4	0	58.1	68.2	-10.1	109	281	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE DATA



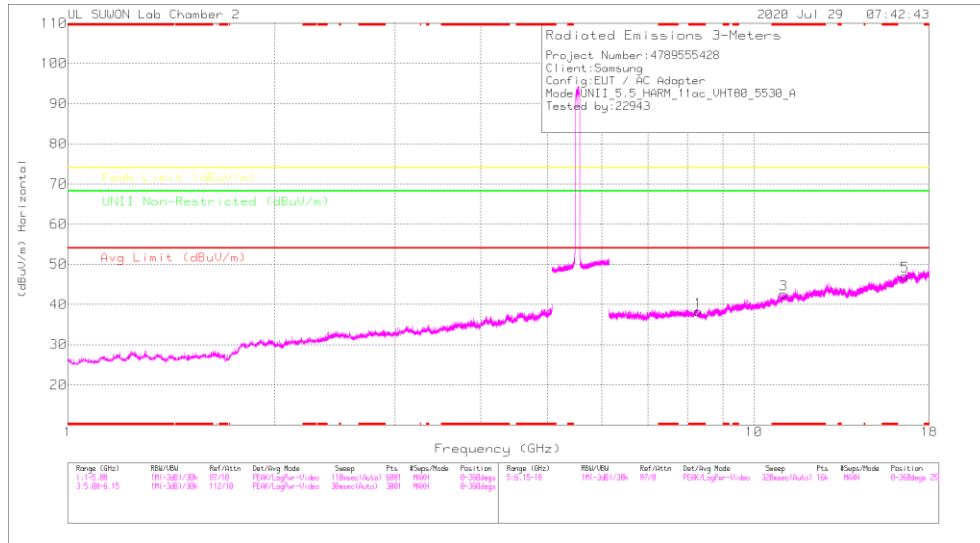
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	36.55	Pk	35.2	-17.5	0	54.25	68.2	-13.95	96	123	V
2	5.78136	40	Pk	35.3	-17.5	0	57.8	68.2	-10.4	96	123	V

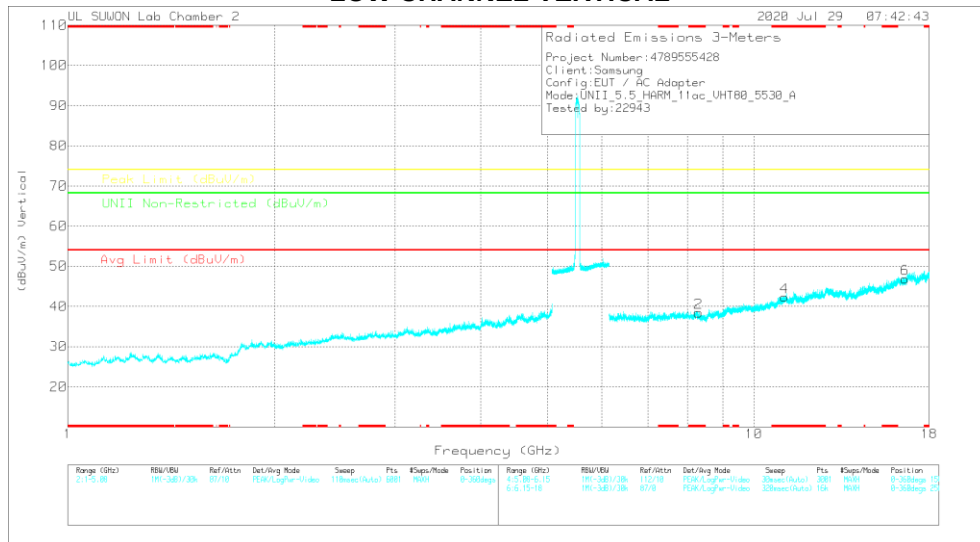
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

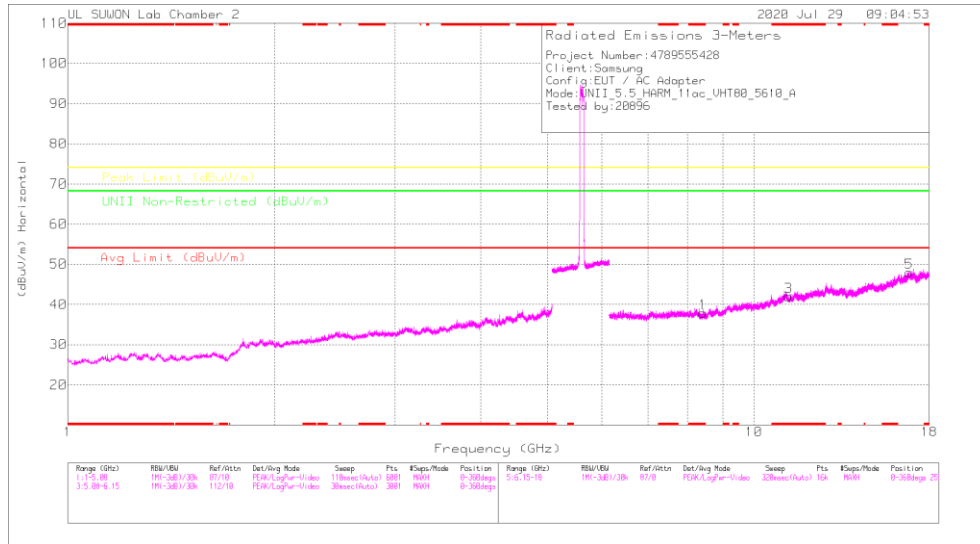
Radiated Emissions

Frequency (GHz)	Meas Reading (dBuV)	Det	3117_00218957	6GHz_HF(5dB)	DC Cor (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Antenna (dBi)	Height (cm)	Polarity
* 8.29322	34.97	PK-U	36	-22.7	0	48.27	-	-	74	-25.73	-	-	360	100	H
* 8.30187	35.03	PK-U	36	-22.7	0	49.33	-	-	74	-24.67	-	-	360	100	V
* 11.03949	34.84	PK-U	38	-20.4	0	52.44	-	-	74	-21.56	-	-	360	100	H
* 11.07255	33.97	PK-U	38.1	-20.1	0	51.97	-	-	74	-22.03	-	-	360	100	V
16.60636	34.71	PK-U	41.8	-19.5	0	57.01	-	-	-	-	68.2	-11.19	360	100	H
16.60507	34.79	PK-U	41.8	-19.6	0	56.99	-	-	-	-	68.2	-11.21	360	100	V

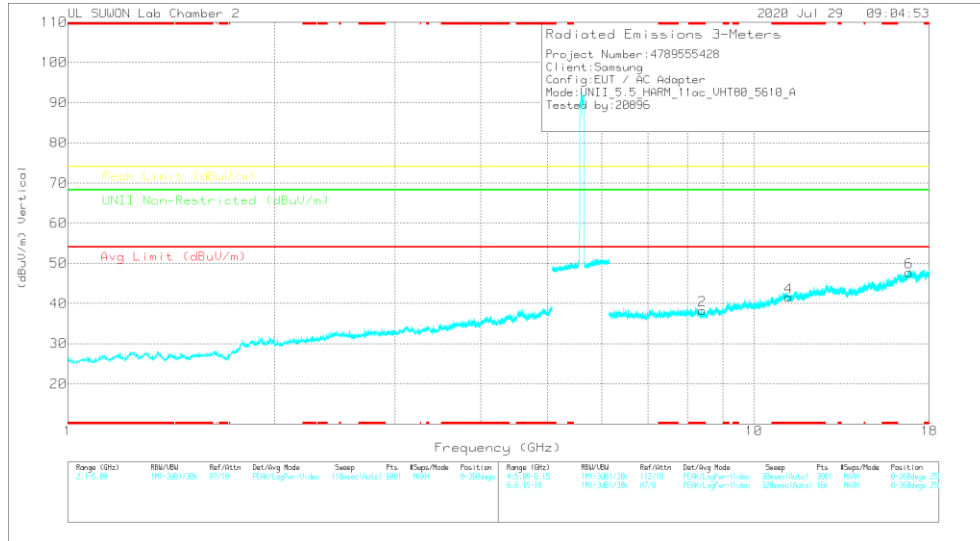
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Radiated Emissions

Frequency (GHz)	Meas Reading (dBuV)	Det	317_00218957	6GHz_HF[SBS]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Deg)	Height (cm)	Polarity
* 8.42274	35.13	PK-U	36	-23.3	0	47.83	-	-	74	-26.17	-	-	360	100	H
* 8.40915	35.46	PK-U	36	-23.5	0	47.96	-	-	74	-26.04	-	-	360	100	V
* 11.21874	34.09	PK-U	38.2	-19.9	0	52.39	-	-	74	-21.61	-	-	360	100	H
* 11.22894	34.13	PK-U	38.2	-20	0	52.33	-	-	74	-21.67	-	-	360	100	V
16.82495	33.82	PK-U	42.1	-18.3	0	57.62	-	-	-	-	68.2	-10.58	360	100	H
16.82384	34.5	PK-U	42.1	-18.3	0	58.3	-	-	-	-	68.2	-9.9	360	100	V

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

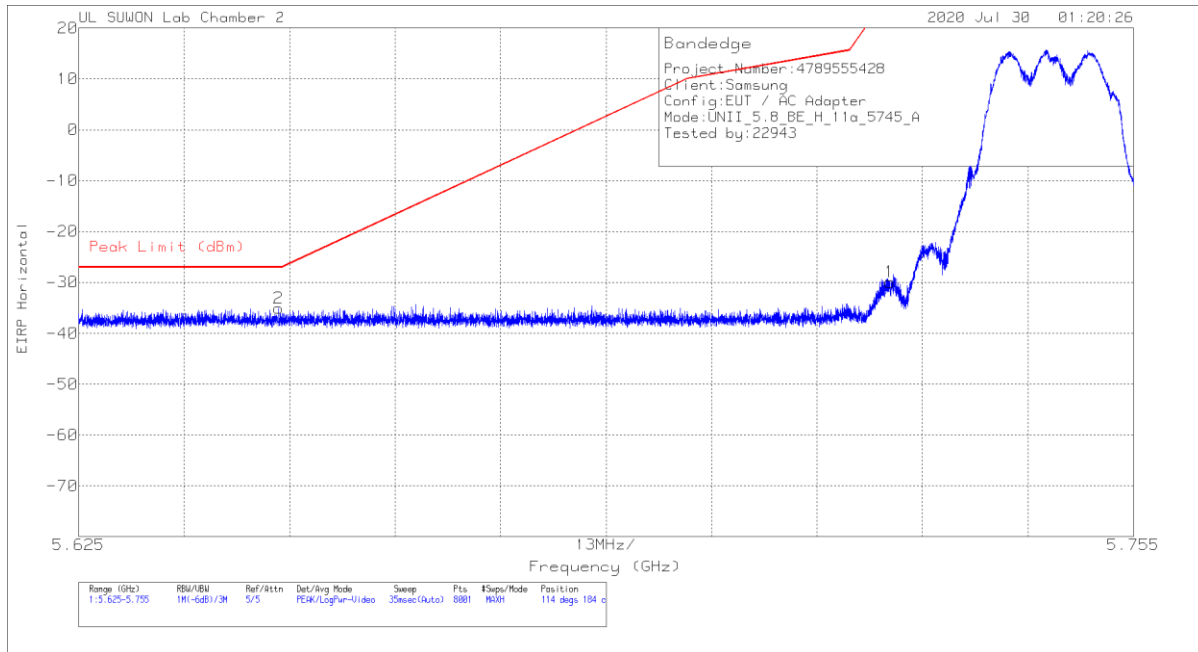
PK-U - U-NII: Maximum Peak

11.4. 5.8 GHz

11.4.1. TX ABOVE 1GHz 802.11a 2Tx MODE IN THE 5.8GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK DATA

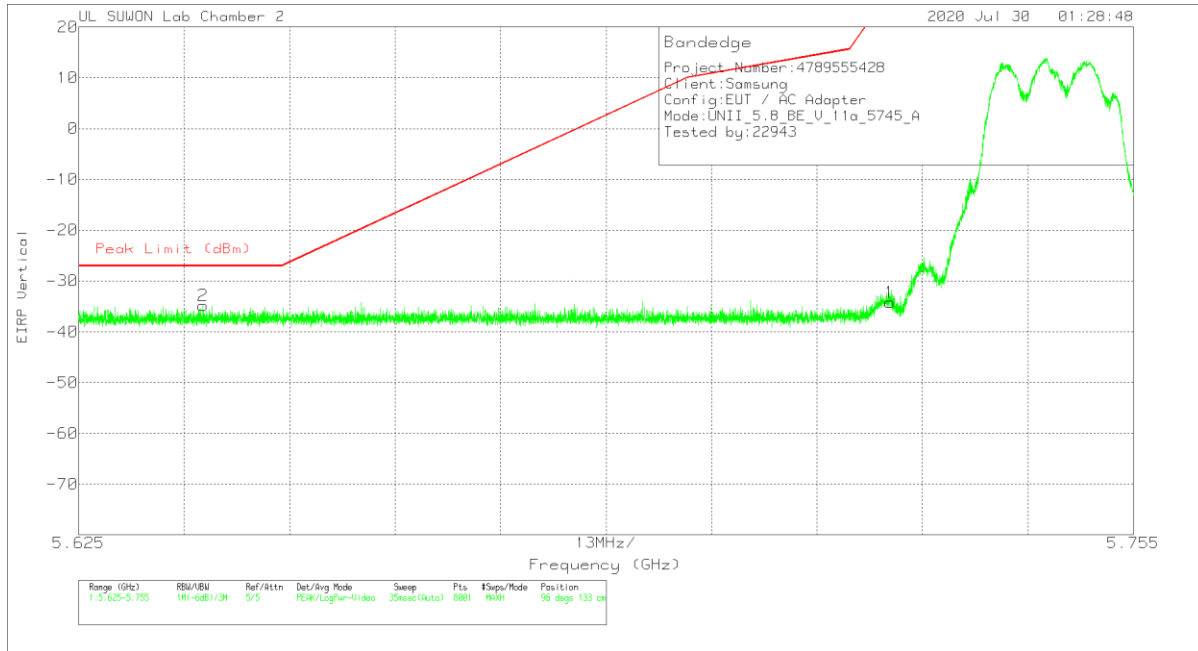


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00218957	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72499	-59.35	Pk	35.1	-17.5	11.8	0	-29.95	26.97	-56.92	114	184	H
2	5.64965	-64.18	Pk	35	-17.7	11.8	0	-35.08	-27	-8.08	114	184	H

Pk - Peak detector

VERTICAL PEAK DATA



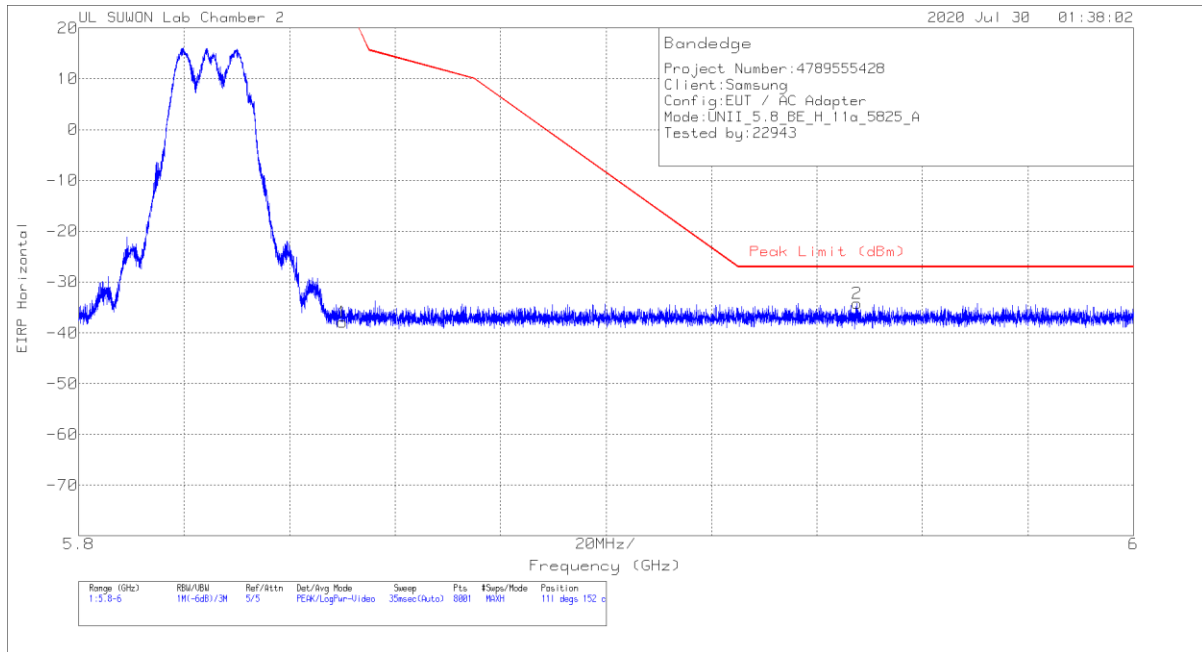
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00218957	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72499	-63.63	Pk	35.1	-17.5	11.8	0	-34.23	26.97	-61.2	96	133	V
2	5.64032	-63.88	Pk	35	-17.7	11.8	0	-34.78	-27	-7.78	96	133	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK DATA

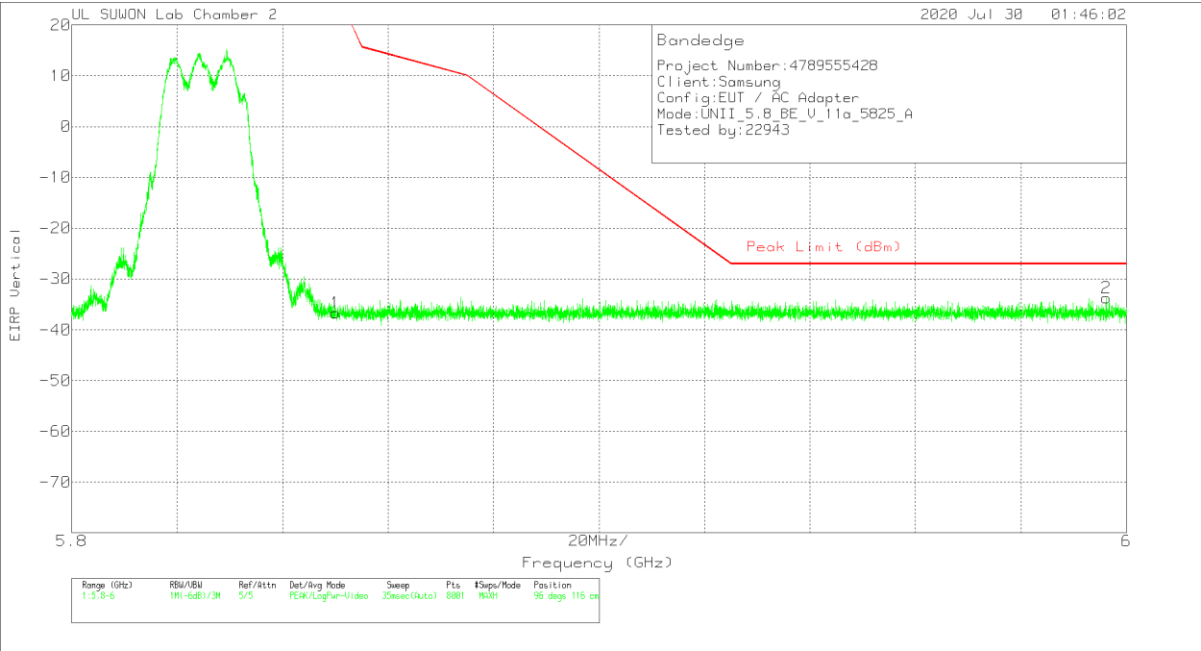


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00218957	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85003	-67.96	Pk	35.5	-17.3	11.8	0	-37.96	26.94	-64.9	111	152	H
2	5.94763	-64.26	Pk	35.6	-17.3	11.8	0	-34.16	-27	-7.16	111	152	H

Pk - Peak detector

VERTICAL PEAK DATA



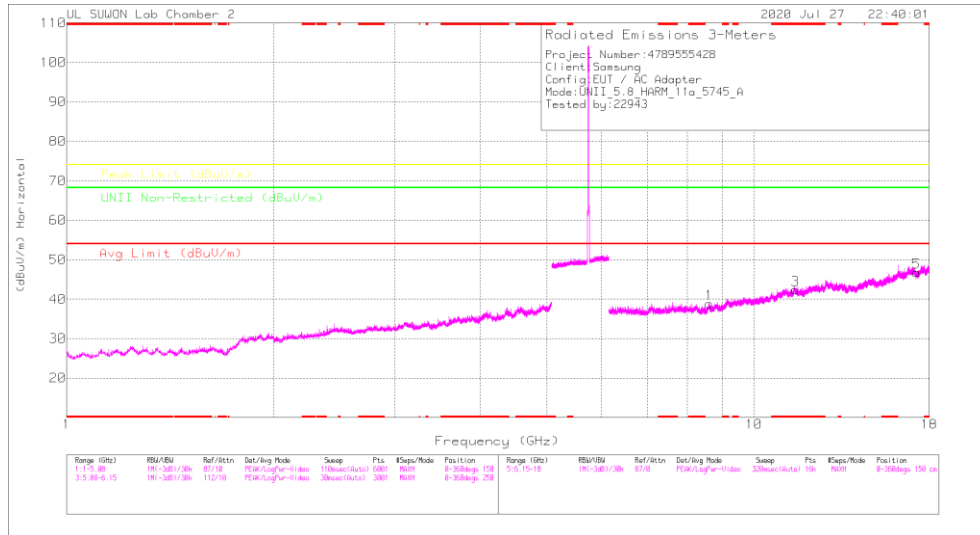
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00218957	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85003	-66.69	Pk	35.5	-17.3	11.8	0	-36.69	26.94	-63.63	96	116	V
2	5.99615	-63.78	Pk	35.6	-17.3	11.8	0	-33.68	-27	-6.68	96	116	V

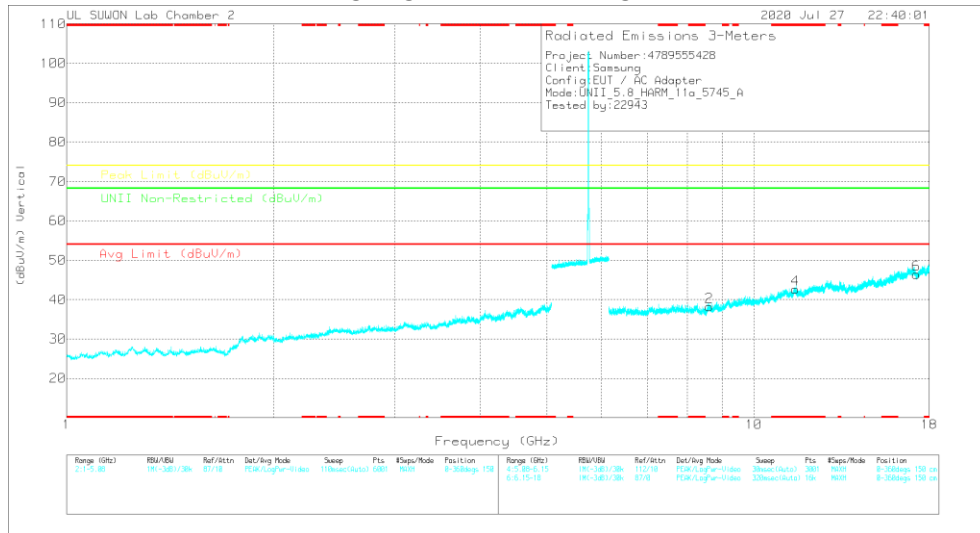
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

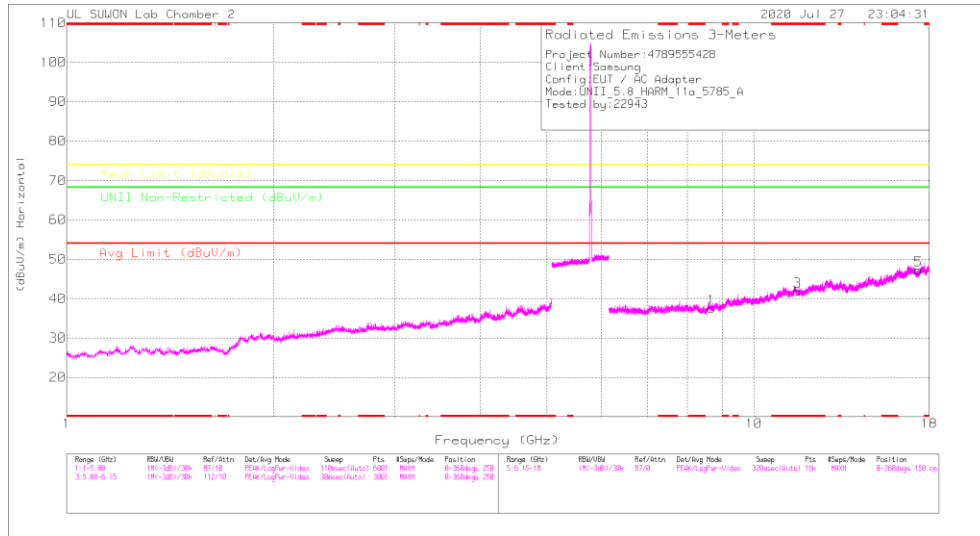
Radiated Emissions

Frequency (GHz)	Meas Reading (dBuV)	Det	3117_00218957	6GHz_HF[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Antenn (dBi)	Height (cm)	Polarity
8.61579	34.65	PK-U	36.2	-21.8	0	49.05	-	-	-	-	68.2	-19.15	360	100	H
8.61877	34.22	PK-U	36.2	-21.8	0	48.62	-	-	-	-	68.2	-19.58	360	100	V
* 11.49097	34.38	PK-U	38.3	-19.7	0	52.98	-	-	74	-21.02	-	-	360	100	H
* 11.49108	33.66	PK-U	38.3	-19.7	0	52.26	-	-	74	-21.74	-	-	360	100	V
17.23991	34.26	PK-U	41.7	-18.6	0	57.36	-	-	-	-	68.2	-10.84	360	100	H
17.23582	34.64	PK-U	41.7	-18.6	0	57.74	-	-	-	-	68.2	-10.46	360	100	V

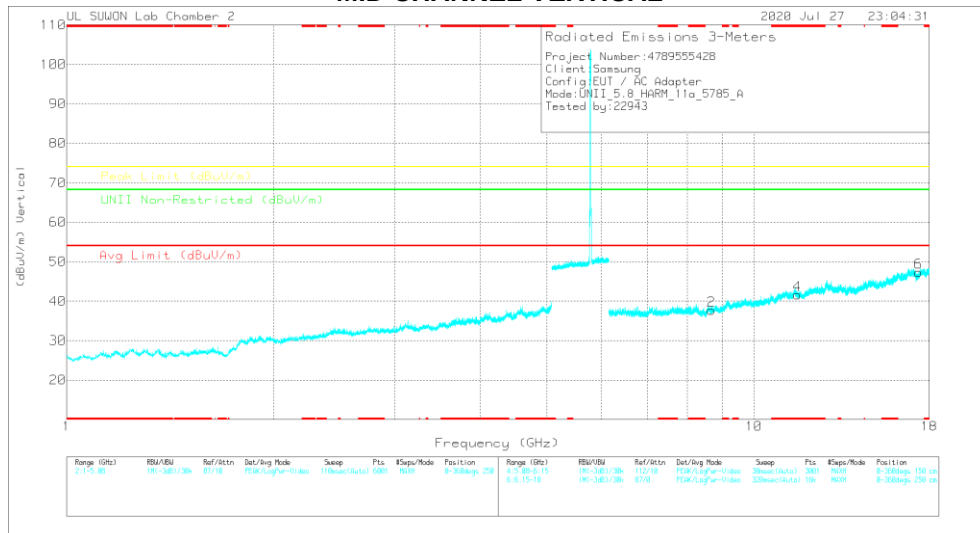
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

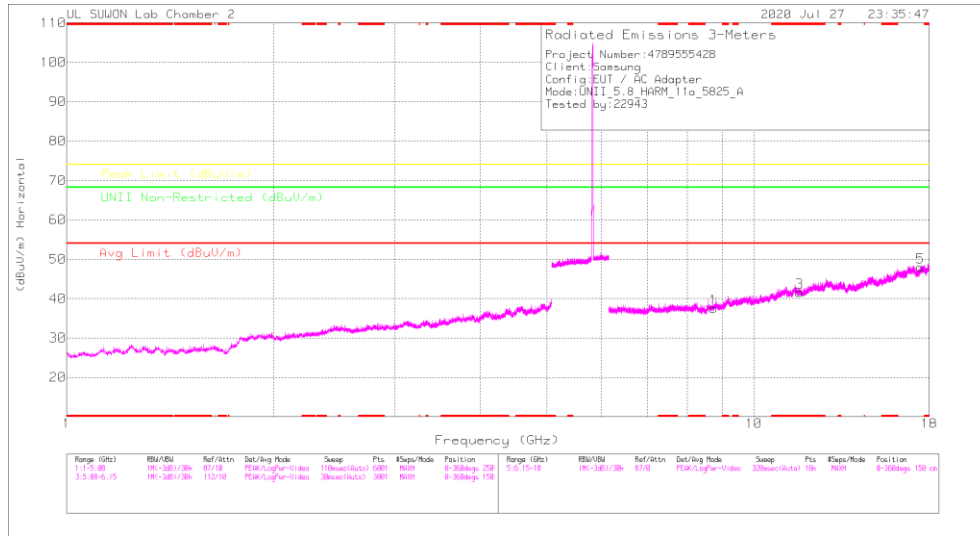
Radiated Emissions

Frequency (GHz)	Meas. Reading (dBm)	Det	317_00218957	6GHz_HF[dB]	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (m)	Height (m)	Polarity
8.67551	35.39	PK-U	36.2	-22.7	0	48.99	-	-	-	-	68.2	-19.31	360	100	H
8.67916	35.53	PK-U	36.2	-22.8	0	48.93	-	-	-	-	68.2	-19.27	360	100	V
* 11.57088	33.94	PK-U	38.4	-19.7	0	52.64	-	-	74	-21.36	-	-	360	100	H
* 11.57029	34.14	PK-U	38.4	-19.7	0	52.64	-	-	74	-21.16	-	-	360	100	V
17.35445	34.36	PK-U	41.5	-18.6	0	57.26	-	-	-	-	68.2	-10.94	360	100	H
17.35661	34.47	PK-U	41.5	-18.6	0	57.37	-	-	-	-	68.2	-10.83	360	100	V

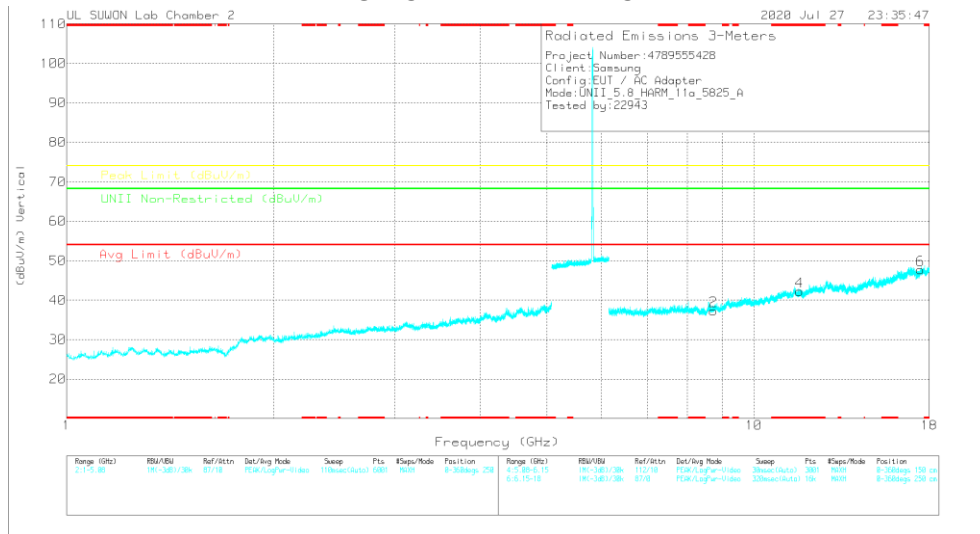
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Radiated Emissions

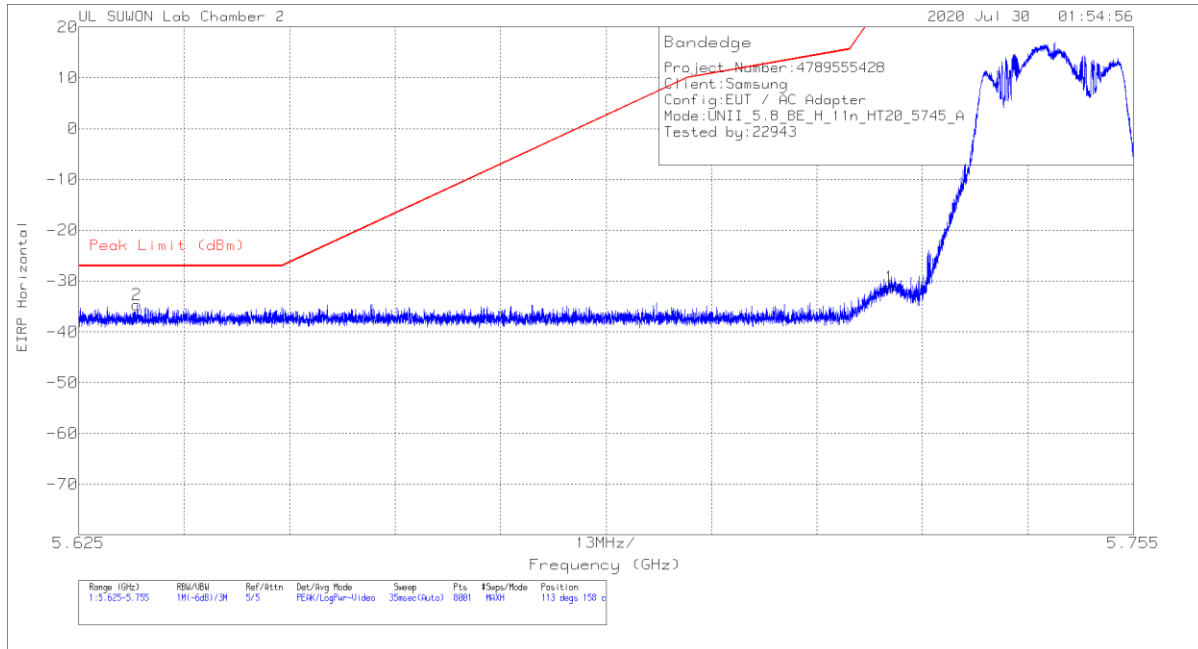
Frequency (GHz)	Mean Reading (dBuV)	Det	317_0021867	6GHz HPBW	DC Cor (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (m)	Height (m)	Polarity
8.7377	35.1	PK-U	36.3	-23.3	0	48.1	-	-	-	-	68.2	-20.1	360	100	H
8.7351	35.4	PK-U	36.3	-23.3	0	49.4	-	-	-	-	68.2	-19.8	360	100	V
* 11.65059	34.8	PK-U	38.5	-19.8	0	53.5	-	-	74	-20.5	-	-	360	100	H
* 11.64908	34.24	PK-U	38.5	-19.8	0	52.94	-	-	74	-21.06	-	-	360	100	V
17.47405	34.34	PK-U	41.5	-18	0	57.84	-	-	-	-	68.2	-10.36	360	100	H
17.47618	34.57	PK-U	41.5	-18	0	58.07	-	-	-	-	68.2	-10.13	360	100	V

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

11.4.2. TX ABOVE 1GHz 802.11n HT20 2Tx MODE IN THE 5.8GHz BAND

BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK DATA

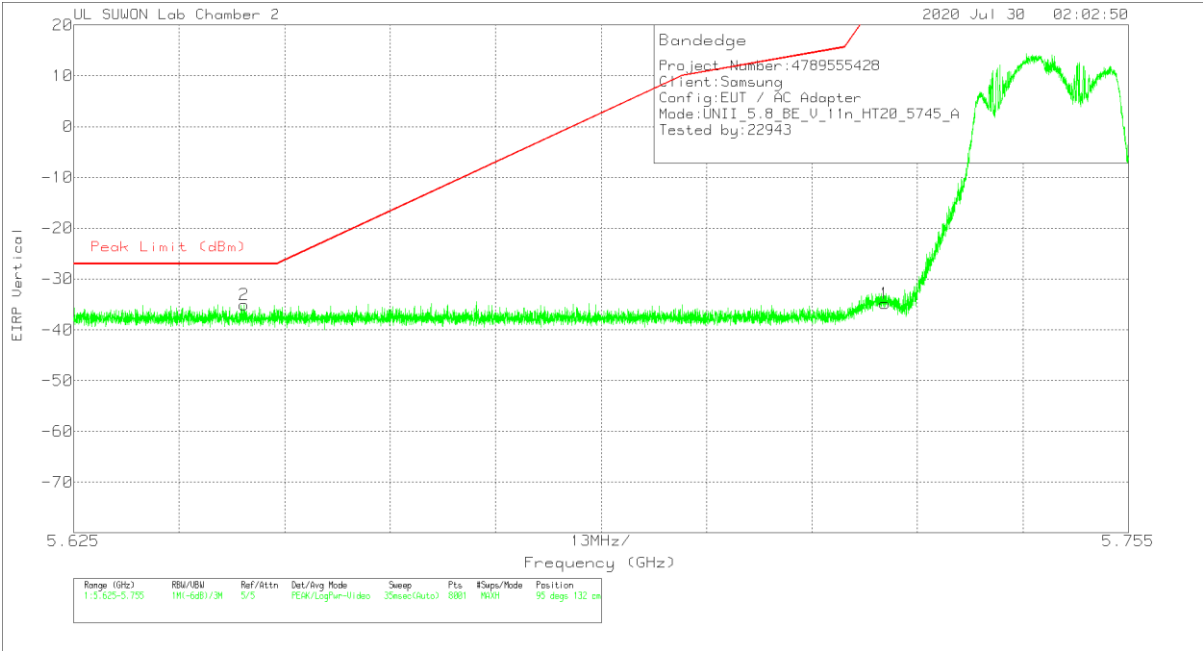


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00218957	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72499	-60.62	Pk	35.1	-17.5	11.8	0	-31.22	26.97	-58.19	113	158	H
2	5.63218	-63.84	Pk	35	-17.7	11.8	0	-34.74	-27	-7.74	113	158	H

Pk - Peak detector

VERTICAL PEAK DATA



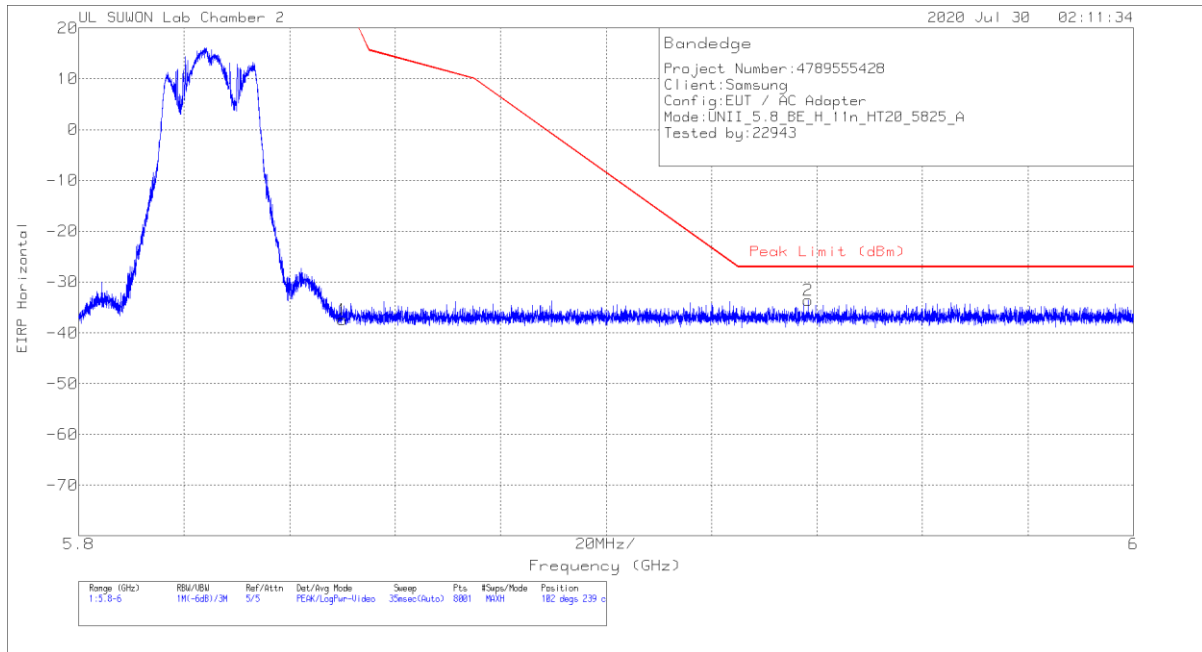
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00218957	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72499	-64.24	Pk	35.1	-17.5	11.8	0	-34.84	26.97	-61.81	95	132	V
2	5.64603	-64.19	Pk	35	-17.7	11.8	0	-35.09	-27	-8.09	95	132	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK DATA

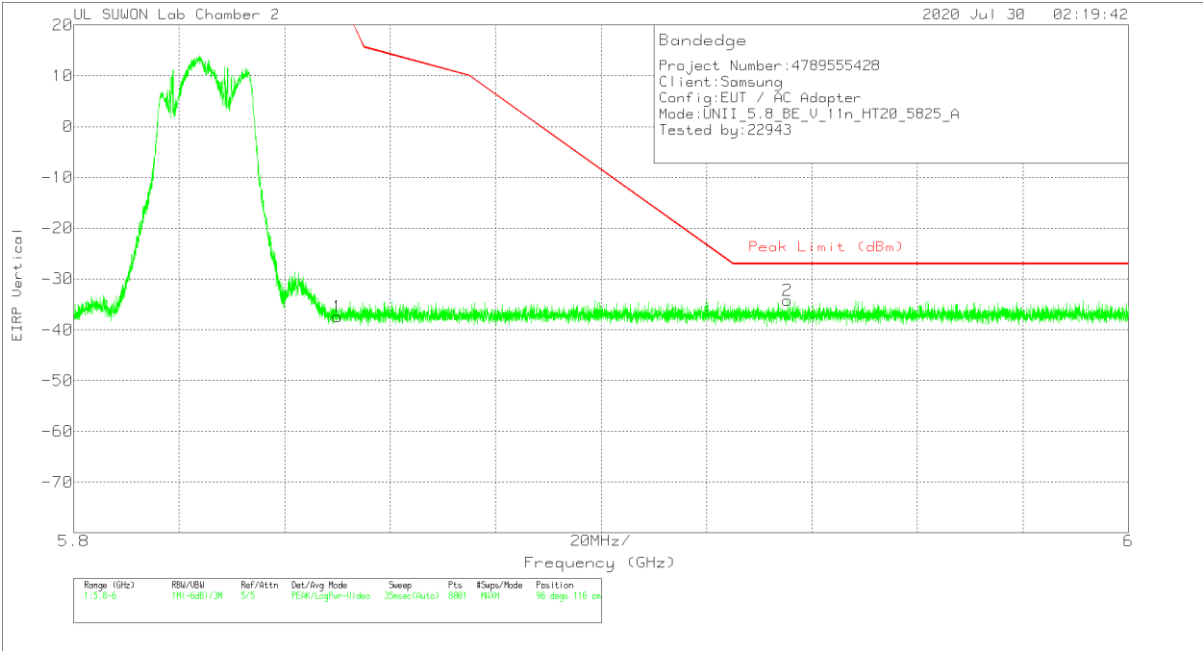


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00218957	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85003	-67.42	Pk	35.5	-17.3	11.8	0	-37.42	26.94	-64.36	102	239	H
2	5.93835	-63.68	Pk	35.6	-17.3	11.8	0	-33.58	-27	-6.58	102	239	H

Pk - Peak detector

VERTICAL PEAK DATA



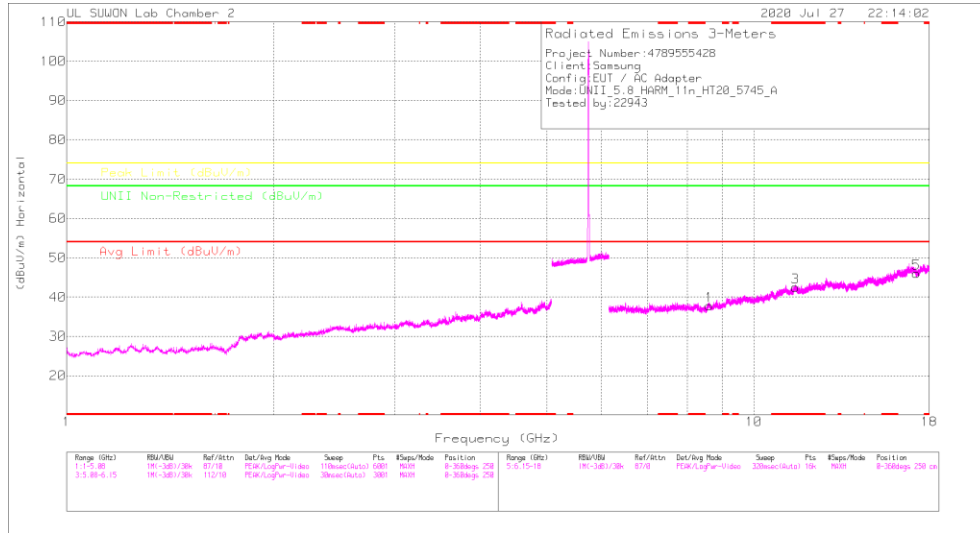
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00218957	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85003	-67.38	Pk	35.5	-17.3	11.8	0	-37.38	26.94	-64.32	96	116	V
2	5.93535	-64.27	Pk	35.6	-17.3	11.8	0	-34.17	-27	-7.17	96	116	V

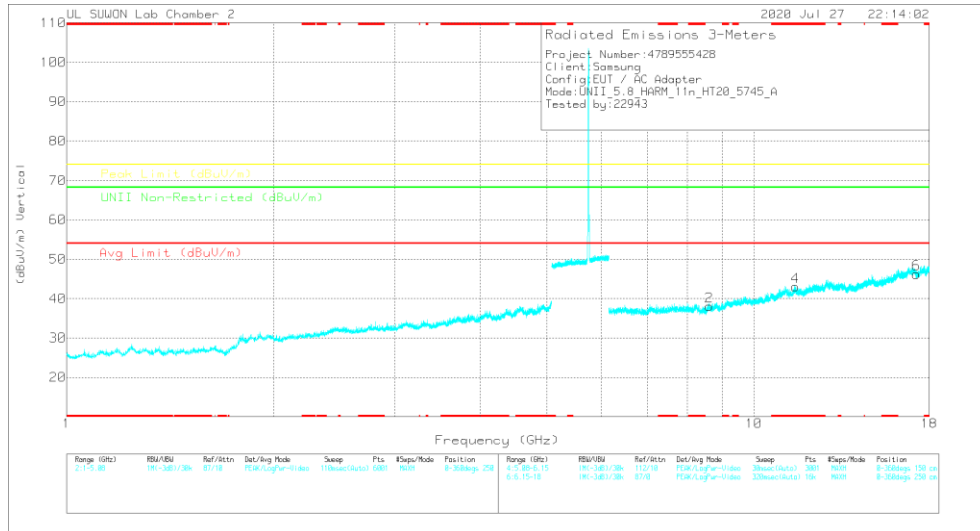
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

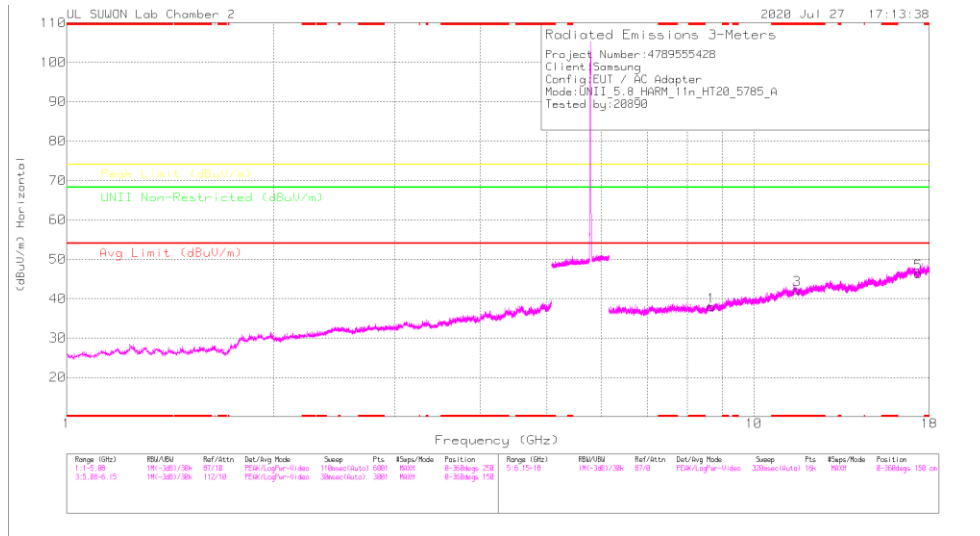
Radiated Emissions

Frequency (GHz)	Meas. Reading (dBuV)	Det	3127_00218957	60Hz_HPI[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (m)	Height (m)	Polarity
8.61915	34.15	PK-U	36.2	-21.8	0	48.55	-	-	-	-	68.2	-19.65	360	100	H
8.61932	34.41	PK-U	36.2	-21.8	0	48.81	-	-	-	-	68.2	-19.39	360	100	V
* 11.48805	34.45	PK-U	38.3	-19.7	0	53.05	-	-	74	-20.95	-	-	360	100	H
* 11.48814	34.06	PK-U	38.3	-19.7	0	52.66	-	-	74	-21.34	-	-	360	100	V
17.23328	33.55	PK-U	41.7	-18.5	0	56.75	-	-	-	-	68.2	-11.45	360	100	H
17.23525	33.66	PK-U	41.7	-18.5	0	56.76	-	-	-	-	68.2	-11.44	360	100	V

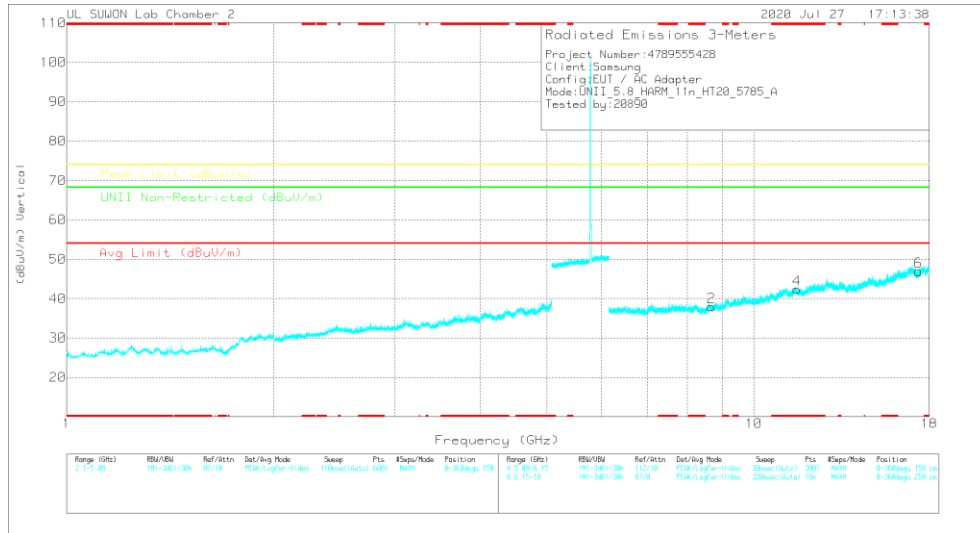
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

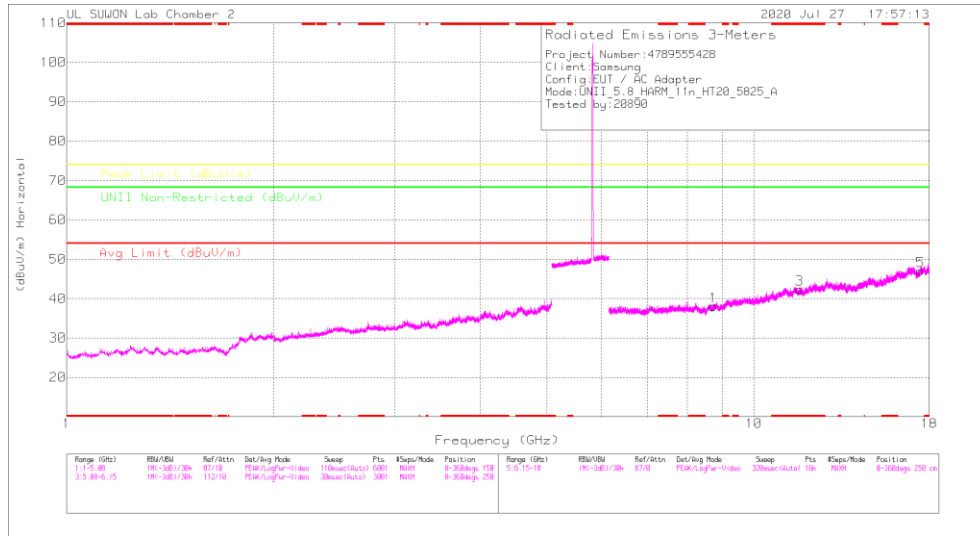
Radiated Emissions

Frequency (GHz)	Meas Reading (dBuV)	Det	3117_00218957	60Hz_HF[58]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (m)	Height (cm)	Polarity
8.68558	35	PK-U	36.2	-22.8	0	48.4	-	-	-	-	68.2	-19.8	360	100	H
8.67905	35.27	PK-U	36.2	-22.8	0	48.67	-	-	-	-	68.2	-19.53	360	100	V
* 11.56675	34.3	PK-U	38.4	-19.7	0	53	-	-	74	-21	-	-	360	100	H
* 11.56449	34.16	PK-U	38.4	-19.6	0	52.96	-	-	74	-21.04	-	-	360	100	V
17.34905	34.12	PK-U	41.6	-18.6	0	57.12	-	-	-	-	68.2	-11.08	360	100	H
17.3588	34.65	PK-U	41.5	-18.6	0	57.55	-	-	-	-	68.2	-10.65	360	100	V

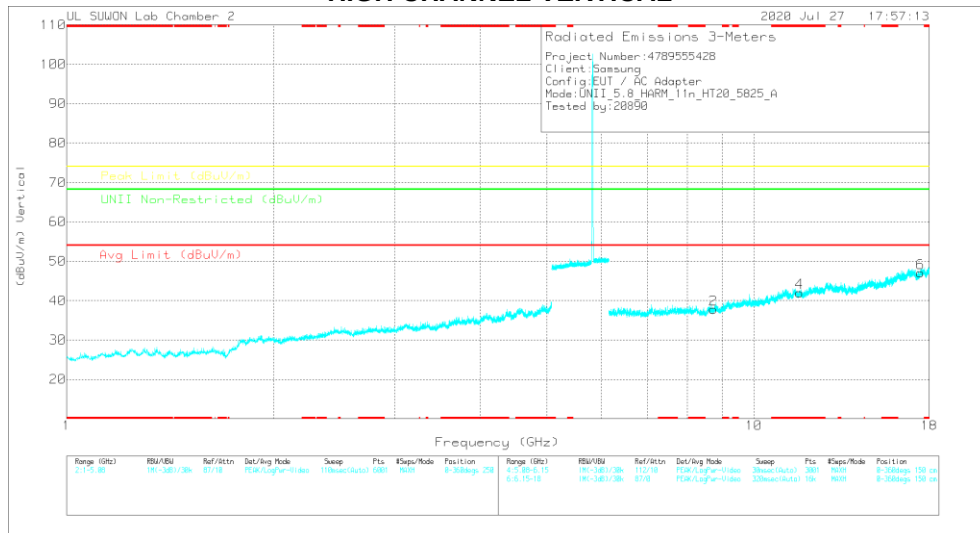
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Radiated Emissions

Frequency (GHz)	Marker Reading (dBuV)	Det	317_0021867	6GHz_HFSS	DC Cor (dB)	Corrected Reading (dBuV)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (deg)	Height (m)	Polarity
8.73631	35.16	PK-U	36.3	-23.3	0	48.16	-	-	-	-	68.2	-20.04	360	100	H
8.73644	35.55	PK-U	36.3	-23.3	0	48.55	-	-	-	-	68.2	-19.65	360	100	V
* 11.65199	33.28	PK-U	38.5	-19.8	0	51.98	-	-	74	-22.02	-	-	360	100	H
* 11.65162	33.31	PK-U	38.5	-19.8	0	52.01	-	-	74	-21.99	-	-	360	100	V
17.47632	34.22	PK-U	41.5	-18	0	57.72	-	-	-	-	68.2	-10.48	360	100	H
17.47804	34.6	PK-U	41.5	-18	0	58.1	-	-	-	-	68.2	-10.1	360	100	V

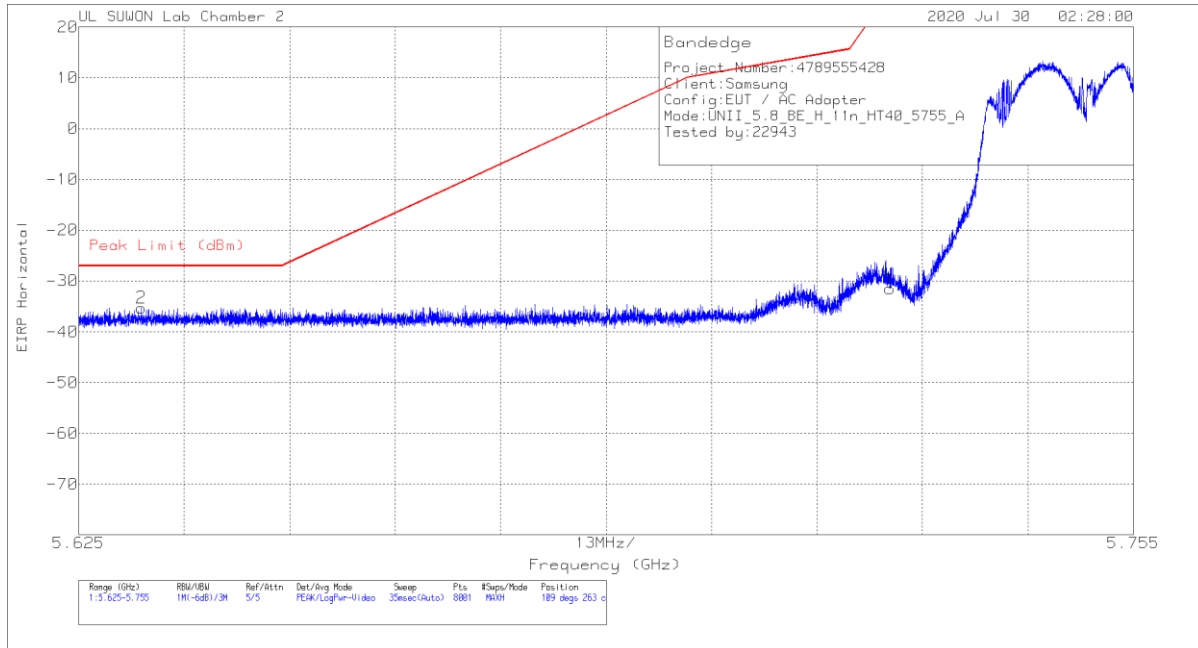
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

11.4.3. TX ABOVE 1GHz 802.11n HT40 2Tx MODE IN THE 5.8GHz BAND

BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK DATA

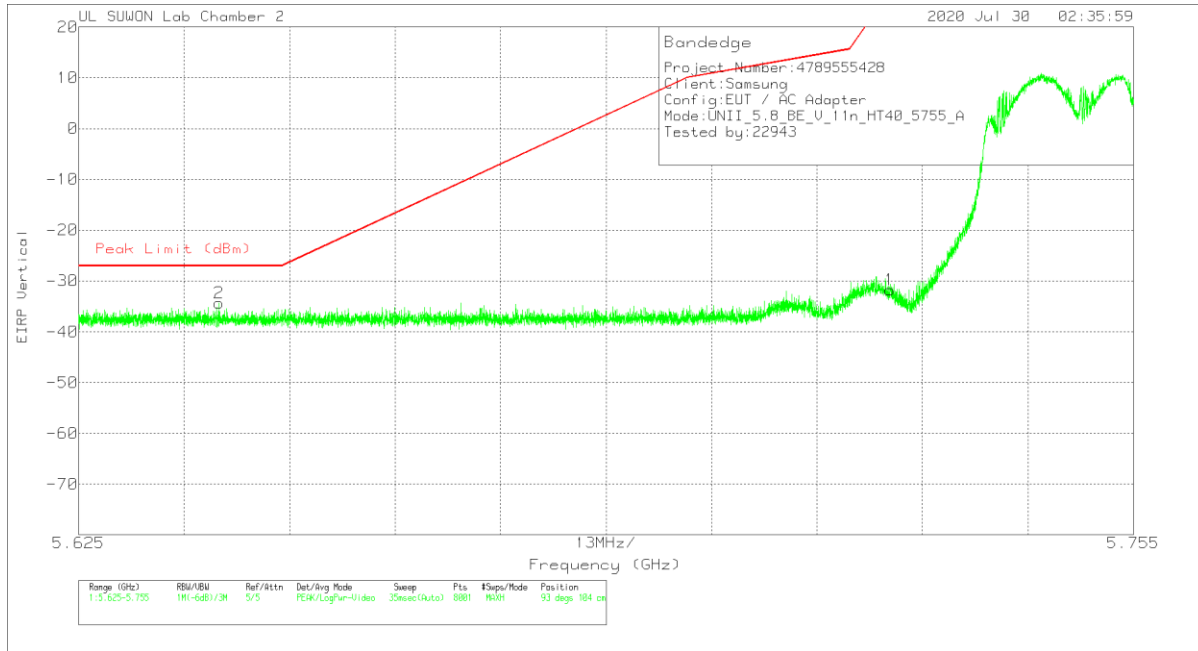


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00218957	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72499	-60.95	Pk	35.1	-17.5	11.8	0	-31.55	26.97	-58.52	109	263	H
2	5.63275	-64.36	Pk	35	-17.7	11.8	0	-35.26	-27	-8.26	109	263	H

Pk - Peak detector

VERTICAL PEAK DATA



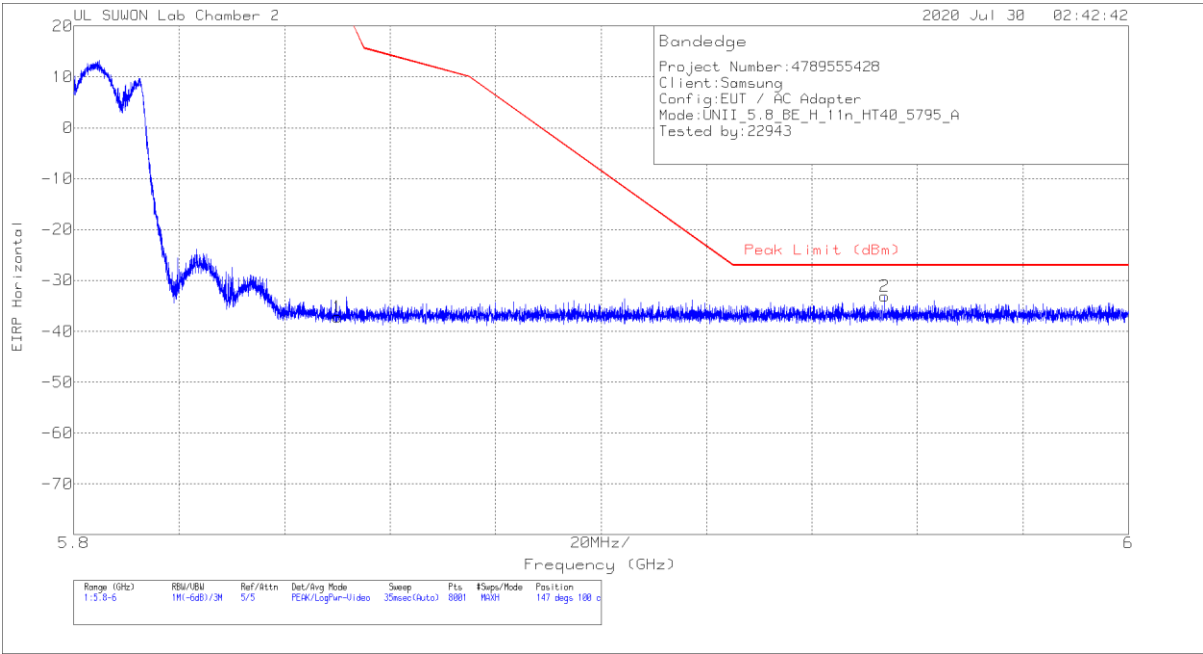
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00218957	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72499	-61.11	Pk	35.1	-17.5	11.8	0	-31.71	26.97	-58.68	93	104	V
2	5.64226	-63.58	Pk	35	-17.6	11.8	0	-34.38	-27	-7.38	93	104	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK DATA

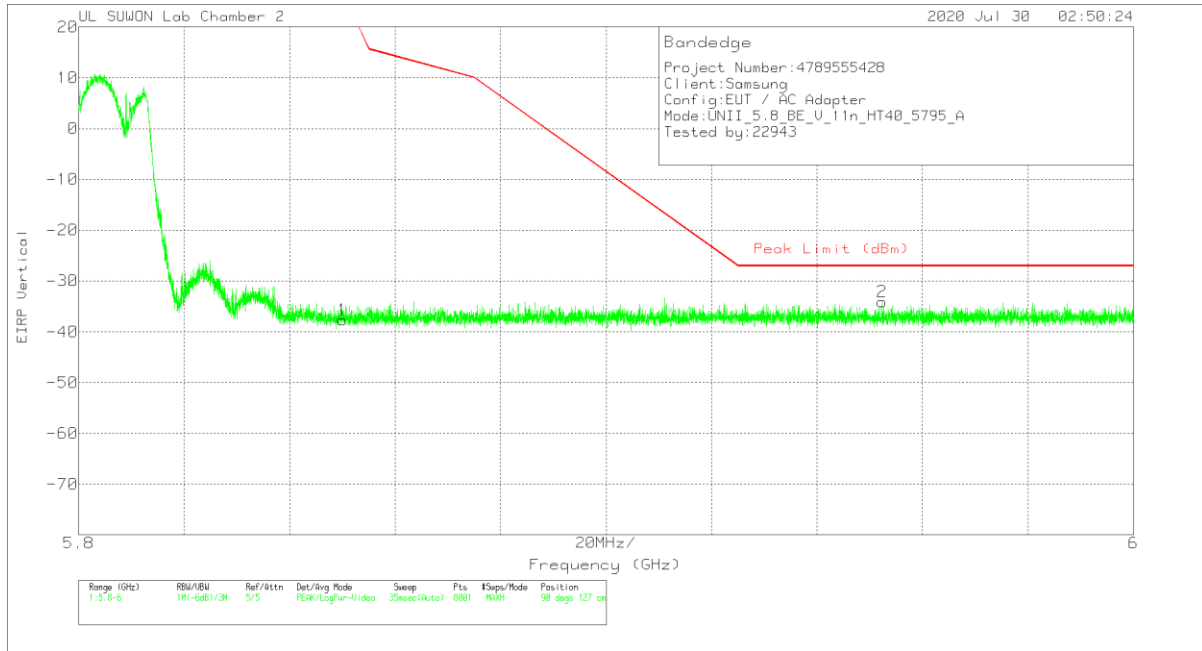


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00218957	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85003	-67.16	Pk	35.5	-17.3	11.8	0	-37.16	26.94	-64.1	147	100	H
2	5.95378	-63.19	Pk	35.6	-17.3	11.8	0	-33.09	-27	-6.09	147	100	H

Pk - Peak detector

VERTICAL PEAK DATA



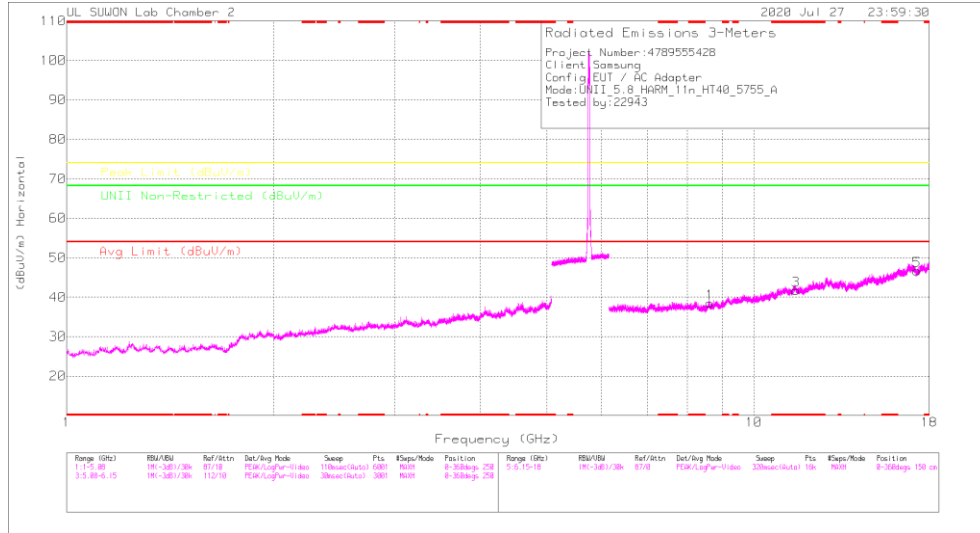
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00218957	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85003	-67.65	Pk	35.5	-17.3	11.8	0	-37.65	26.94	-64.59	90	127	V
2	5.95238	-64.14	Pk	35.6	-17.3	11.8	0	-34.04	-27	-7.04	90	127	V

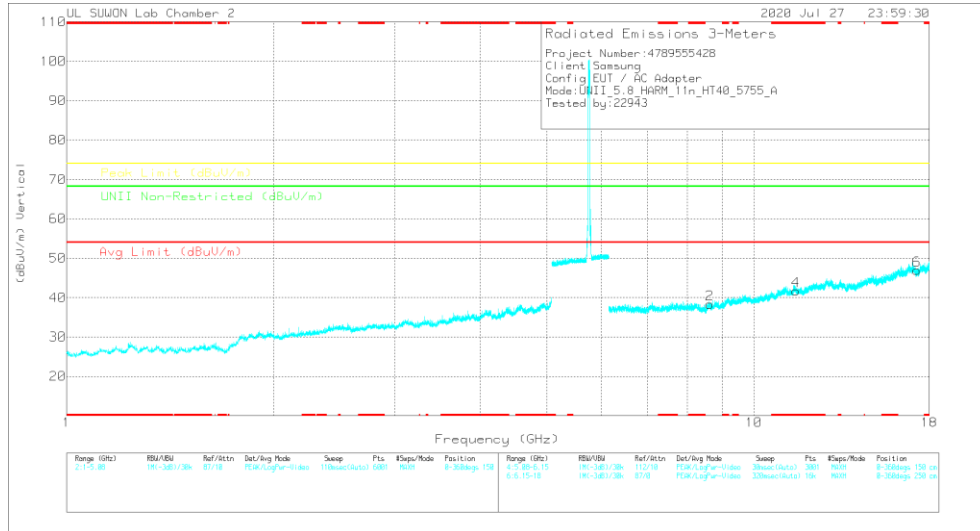
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

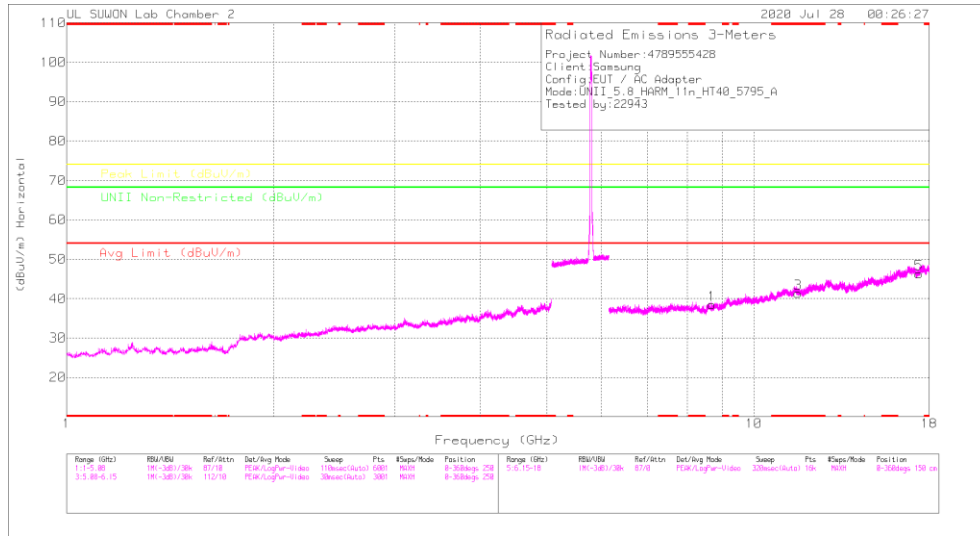
Radiated Emissions

Frequency (GHz)	Meas Reading (dBuV)	Det	317_00218957	6GHz_HF[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Antenn (dBi)	Height (cm)	Polarity
8.63302	35.17	PK-U	36.2	-22	0	49.37	-	-	-	-	68.2	-18.83	360	100	H
8.63119	34.48	PK-U	36.2	-22	0	48.68	-	-	-	-	68.2	-19.52	360	100	V
* 11.50992	34.23	PK-U	38.3	-19.5	0	53.03	-	-	74	-20.97	-	-	360	100	H
* 11.50925	33.66	PK-U	38.3	-19.5	0	52.46	-	-	74	-21.54	-	-	360	100	V
17.26564	33.62	PK-U	41.6	-18.6	0	56.62	-	-	-	-	68.2	-11.58	360	100	H
17.26424	33.81	PK-U	41.6	-18.5	0	56.91	-	-	-	-	68.2	-11.29	360	100	V

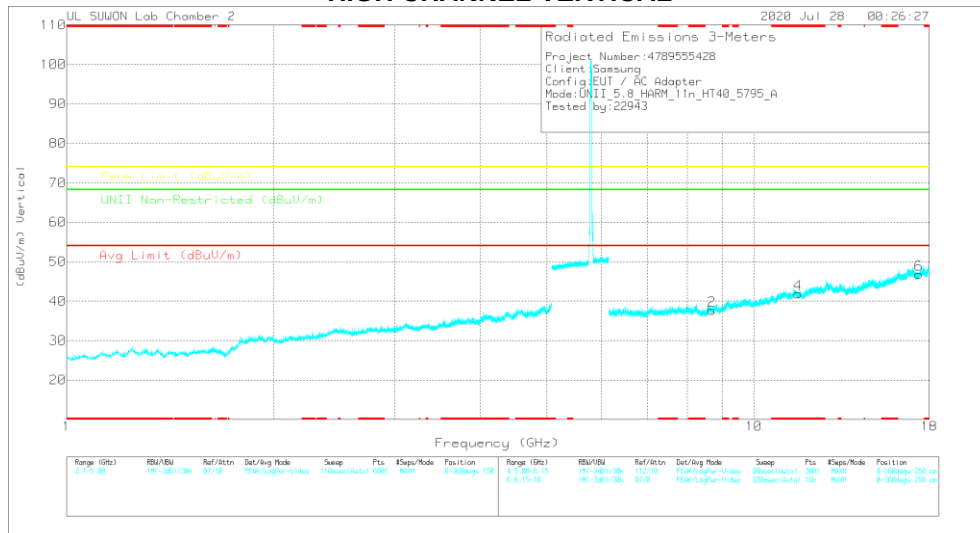
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Radiated Emissions

Frequency (GHz)	Meas Reading (dBuV)	Det	317_0021867	6GHz_HF(GB)	DC Cor (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Antenna (dBi)	Height (cm)	Polarity
8.6924	35.05	PK-U	36.2	-23	0	48.25	-	-	-	-	68.2	-19.95	360	100	H
8.69435	35.6	PK-U	36.2	-23	0	48.8	-	-	-	-	68.2	-19.4	360	100	V
* 11.59103	33.99	PK-U	38.4	-19.9	0	52.49	-	-	74	-21.51	-	-	360	100	H
* 11.58995	33.77	PK-U	38.4	-19.9	0	52.27	-	-	74	-21.73	-	-	360	100	V
17.38545	34.43	PK-U	41.5	-18.6	0	57.33	-	-	-	-	68.2	-10.87	360	100	H
17.38553	34.12	PK-U	41.5	-18.6	0	57.02	-	-	-	-	68.2	-11.18	360	100	V

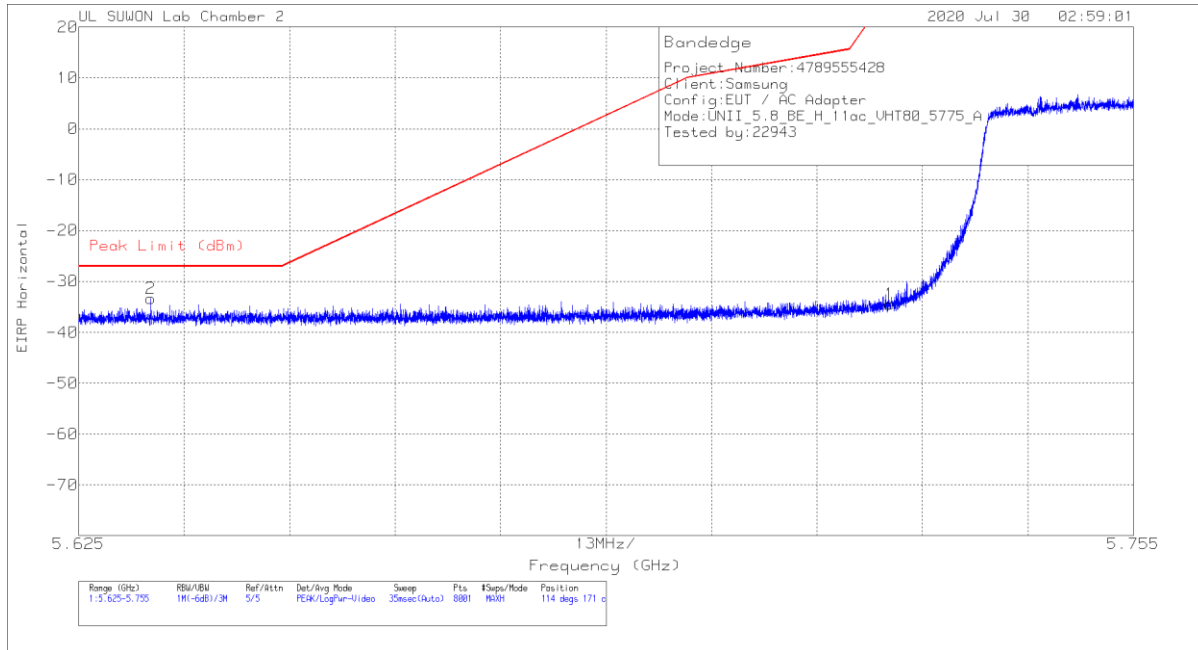
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

11.4.4. TX ABOVE 1GHz 802.11ac VHT80 2Tx MODE IN THE 5.8GHz BAND

BANDEDGE (Lower side)

HORIZONTAL PEAK DATA

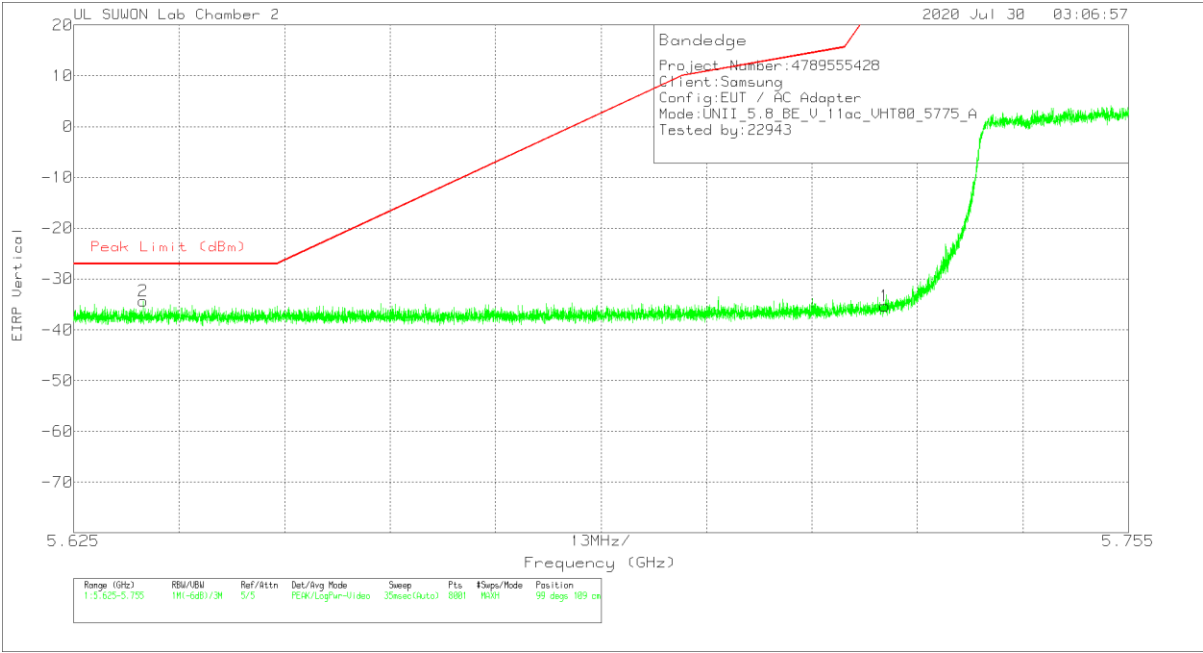


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00218957	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72499	-63.82	PK	35.1	-17.5	11.8	0	-34.42	26.97	-61.39	114	171	H
2	5.63391	-62.44	PK	35	-17.7	11.8	0	-33.34	-27	-6.34	114	171	H

Pk - Peak detector

VERTICAL PEAK DATA



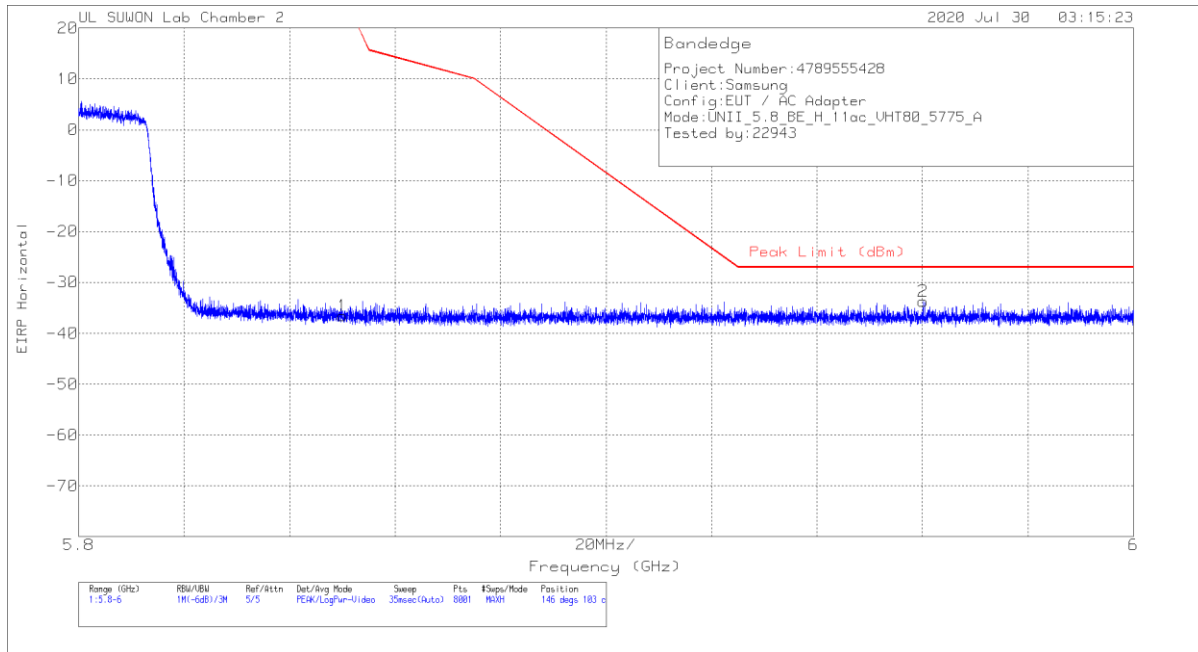
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00218957	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72499	-64.75	Pk	35.1	-17.5	11.8	0	-35.35	26.97	-62.32	99	109	V
2	5.63356	-63.43	Pk	35	-17.7	11.8	0	-34.33	-27	-7.33	99	109	V

Pk - Peak detector

BANDEDGE (Upper side)

HORIZONTAL PEAK DATA

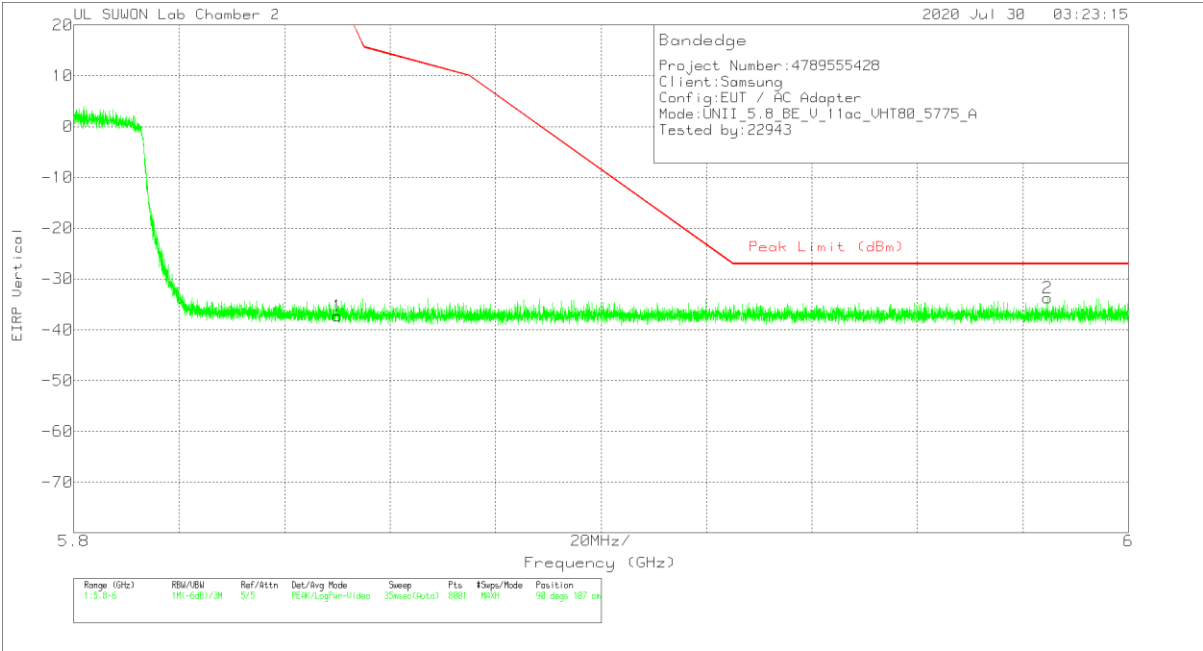


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00218957	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85003	-66.52	Pk	35.5	-17.3	11.8	0	-36.52	26.94	-63.46	146	103	H
2	5.96013	-63.85	Pk	35.6	-17.3	11.8	0	-33.75	-27	-6.75	146	103	H

Pk - Peak detector

VERTICAL PEAK DATA



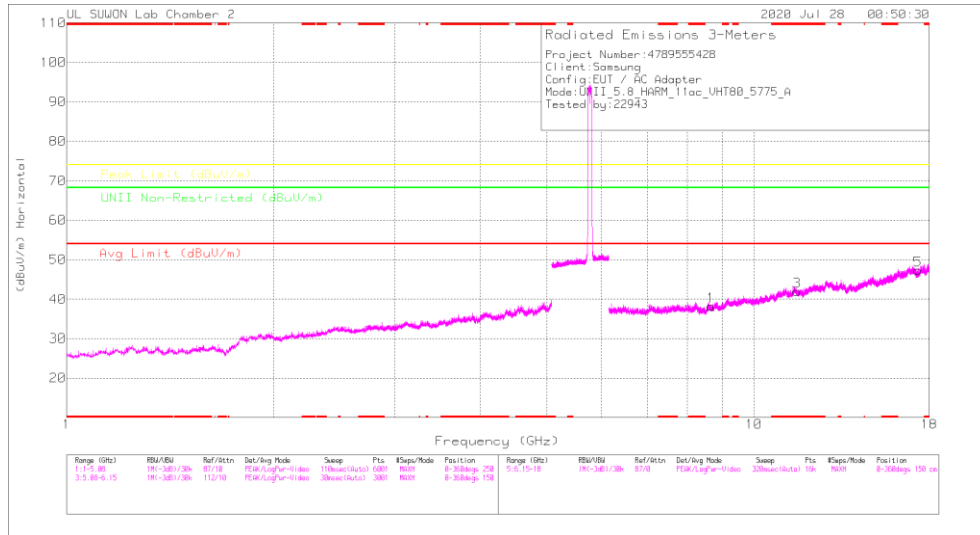
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00218957	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85003	-67.28	Pk	35.5	-17.3	11.8	0	-37.28	26.94	-64.22	90	107	V
2	5.98465	-63.82	Pk	35.6	-17.3	11.8	0	-33.72	-27	-6.72	90	107	V

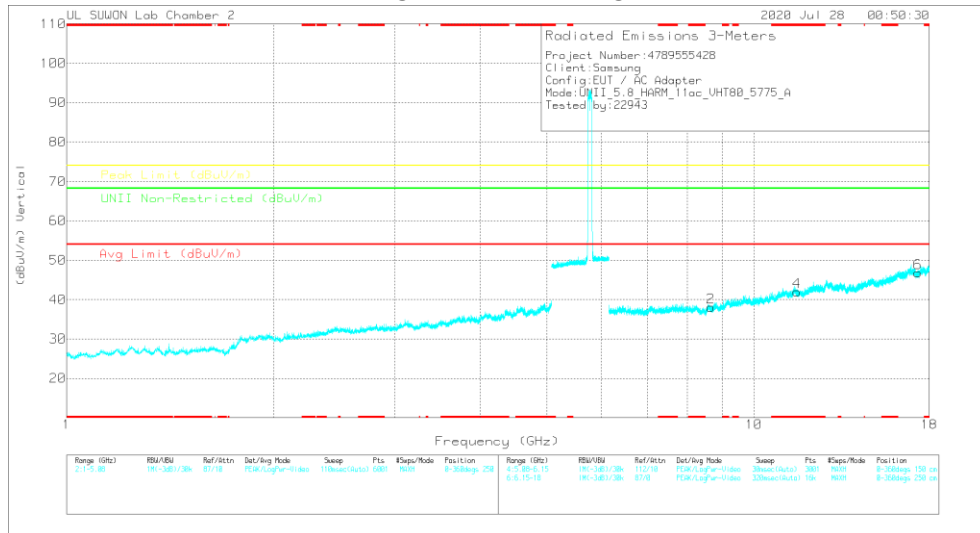
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Radiated Emissions

Frequency (GHz)	Meas Reading (dBuV)	Det	317_00218957	6GHz_HF[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Antenn (dBi)	Height (cm)	Polarity
8.66146	34.57	PK-U	36.2	-22.5	0	48.27	-	-	-	-	68.2	-19.93	360	100	H
8.66334	34.83	PK-U	36.2	-22.5	0	48.53	-	-	-	-	68.2	-19.67	360	100	V
* 11.54836	33.78	PK-U	38.3	-19.6	0	52.48	-	-	74	-21.52	-	-	360	100	H
* 11.54872	34.01	PK-U	38.3	-19.6	0	52.71	-	-	74	-21.29	-	-	360	100	V
17.3253	33.74	PK-U	41.6	-18.7	0	56.64	-	-	-	-	68.2	-11.56	360	100	H
17.32511	34.54	PK-U	41.6	-18.7	0	57.44	-	-	-	-	68.2	-10.76	360	100	V

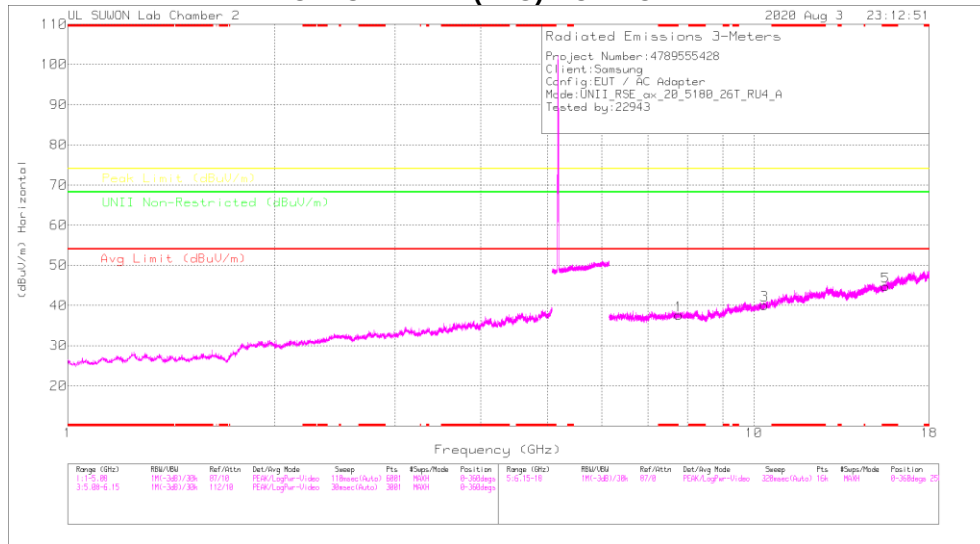
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

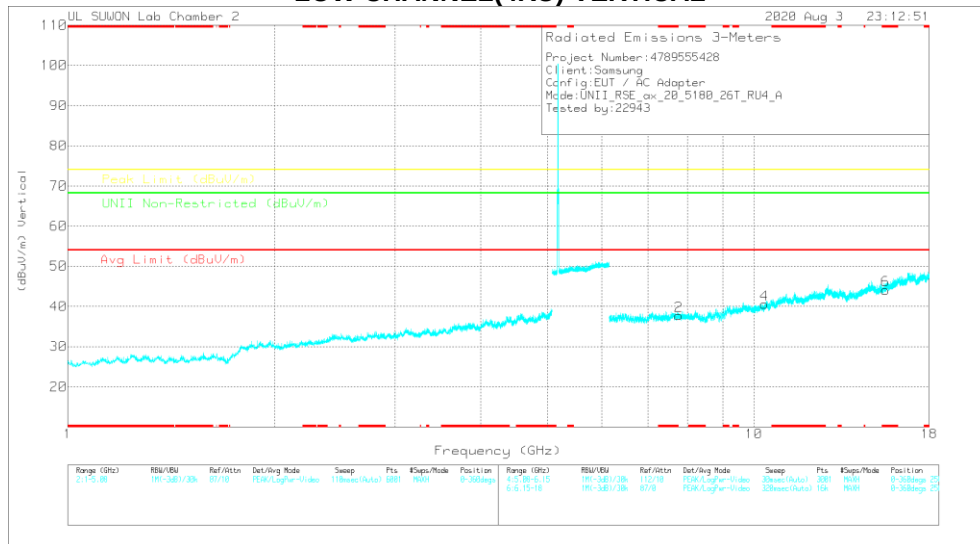
11.5. 5.2 GHz(802.11ax RU mode)

11.5.1. TX ABOVE 1GHz HE20(RU) MODE IN THE 5.2GHz BAND HARMONICS AND SPURIOUS EMISSIONS – ANT1+ANT2

LOW CHANNEL(4RU) HORIZONTAL



LOW CHANNEL(4RU) 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.

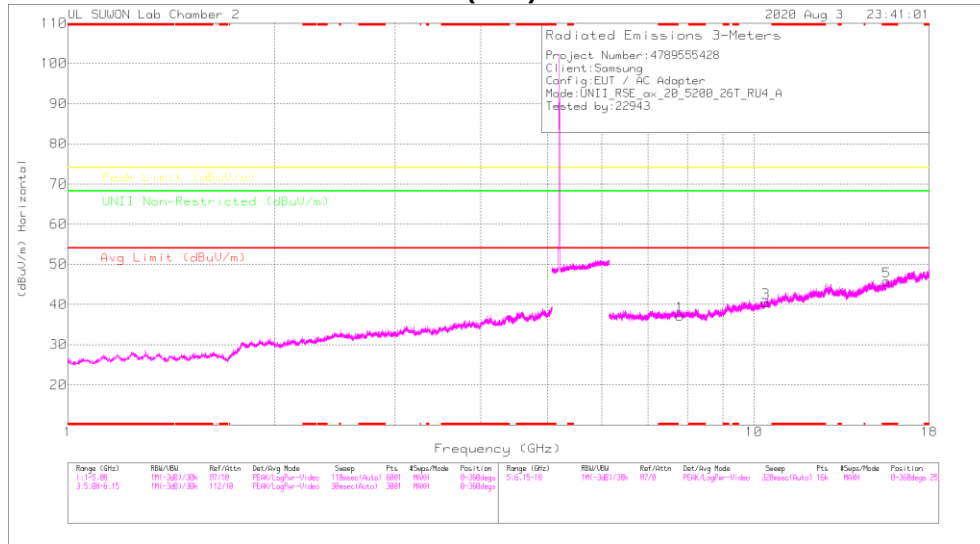
LOW CHANNEL(4RU) DATA

Radiated Emissions

Frequency (GHz)	Power Reading (dBm)	Dev	31.7_0038957	802.11ax(802.11)	DC Cor (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	Margin (dB)	UNII Non-Restricted (dBm)	Margin (dB)	Altitude (m)	Height (m)	Polarity
7.77124	35.83	PK-U	36	-23.6	0	48.23	-	-	-	-	68.2	-19.97	360	100	H
7.76829	35.38	PK-U	36	-23.6	0	47.78	-	-	-	-	68.2	-20.42	360	100	V
10.35909	33.73	PK-U	37.5	-20.7	0	50.53	-	-	-	-	68.2	-17.67	360	100	H
10.35963	33.44	PK-U	37.5	-20.7	0	50.24	-	-	-	-	68.2	-17.96	360	100	V
* 15.54155	33.98	PK-U	40.3	-19.6	0	54.68	-	-	74	-19.32	-	-	360	100	H
* 15.54066	34.41	PK-U	40.3	-19.6	0	55.11	-	-	74	-18.89	-	-	360	100	V

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

MID CHANNEL(4RU) HORIZONTAL



MID CHANNEL(4RU) VERTICAL



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

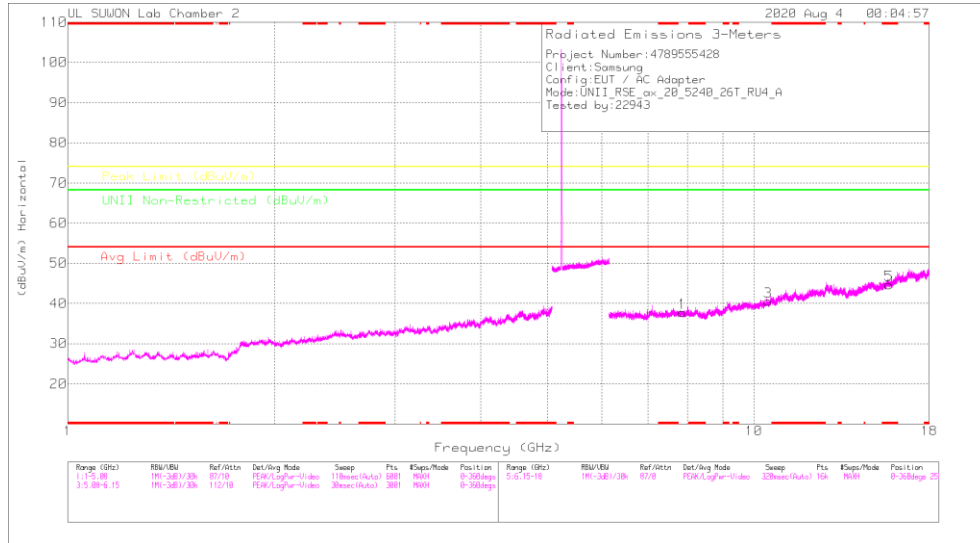
MID CHANNEL(4RU) DATA

Radiated Emissions

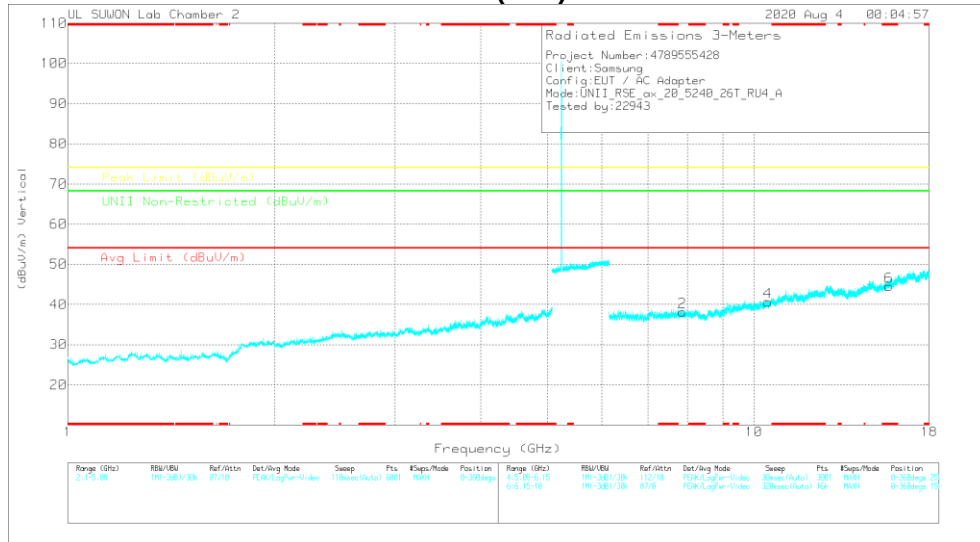
Frequency (GHz)	Mean Reading (dBuV)	Dev	UL17_0023867	ISGH_VF902	OC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (m)	Height (cm)	Polarity
7.79899	37.52	PK-U	36.1	-23.8	0	49.62	-	-	-	-	68.2	-18.38	360	100	H
7.79824	35.93	PK-U	36.1	-23.8	0	46.23	-	-	-	-	68.2	-19.97	360	100	V
10.40079	33.46	PK-U	37.5	-20.7	0	50.26	-	-	-	-	68.2	-17.94	360	100	H
10.39048	33.07	PK-U	37.5	-20.7	0	49.87	-	-	-	-	68.2	-18.33	360	100	V
* 15.59895	34.42	PK-U	40.4	-19.6	0	55.22	-	-	74	-18.78	-	-	360	100	H
* 15.60072	35.71	PK-U	40.4	-19.7	0	56.41	-	-	74	-17.59	-	-	360	100	V

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

HIGH CHANNEL(4RU) HORIZONTAL



HIGH CHANNEL(4RU) VERTICAL



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

HIGH CHANNEL(4RU) DATA

Radiated Emissions

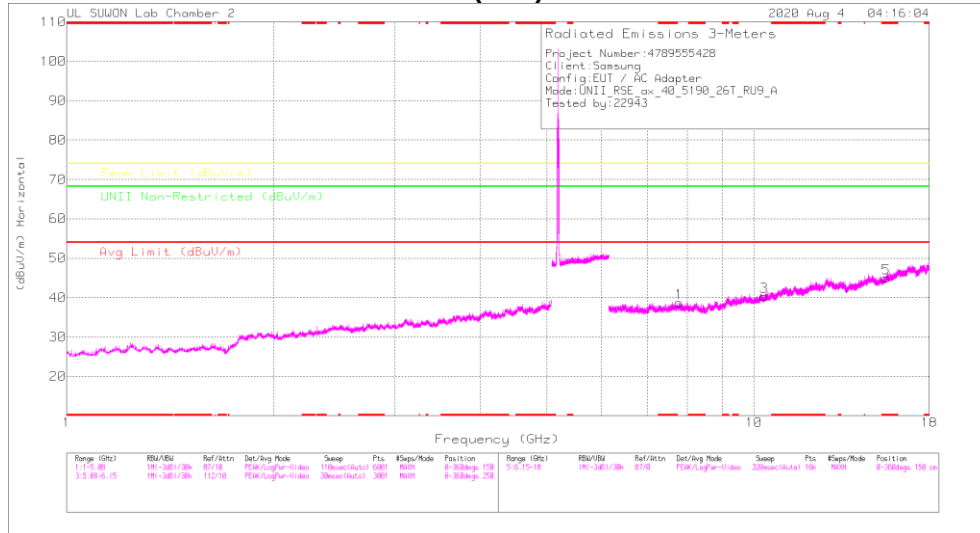
Frequency (GHz)	Power Reading (dBm)	Det	SL17_00228957	dBm_Correction	DC Cor (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	Margin (dB)	UNII Non-Restricted (dBm)	Margin (dB)	Adm'd (dBm)	Height (cm)	Polarity
7.85995	36.34	PK-U	36.1	-24.3	0	48.64	-	-	-	-	68.2	-19.56	360	100	H
7.85939	36.7	PK-U	36.1	-24.3	0	48.5	-	-	-	-	68.2	-19.7	360	100	V
10.48064	34.03	PK-U	37.6	-20.5	0	51.13	-	-	-	-	68.2	-17.07	360	100	H
10.47904	33.24	PK-U	37.6	-20.5	0	50.34	-	-	-	-	68.2	-17.86	360	100	V
* 15.72173	34.21	PK-U	40.6	-19.7	0	55.11	-	-	74	-18.89	-	-	360	100	H
* 15.71919	34.48	PK-U	40.6	-19.7	0	55.38	-	-	74	-18.62	-	-	360	100	V

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

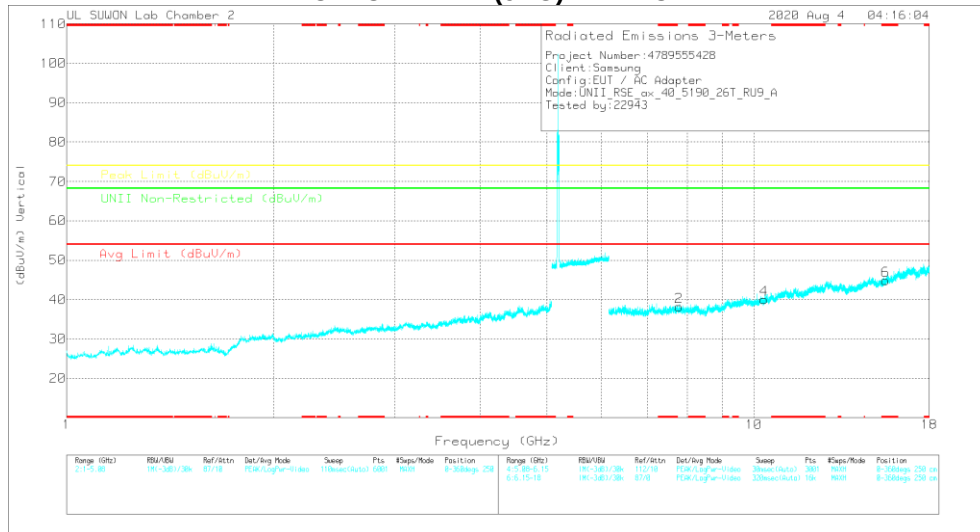
PK-U - U-NII: Maximum Peak

11.5.2. TX ABOVE 1GHz HE40(RU) MODE IN THE 5.2GHz BAND HARMONICS AND SPURIOUS EMISSIONS – ANT1+ANT2

LOW CHANNEL(9RU) HORIZONTAL



LOW CHANNEL(9RU) 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(9RU) DATA

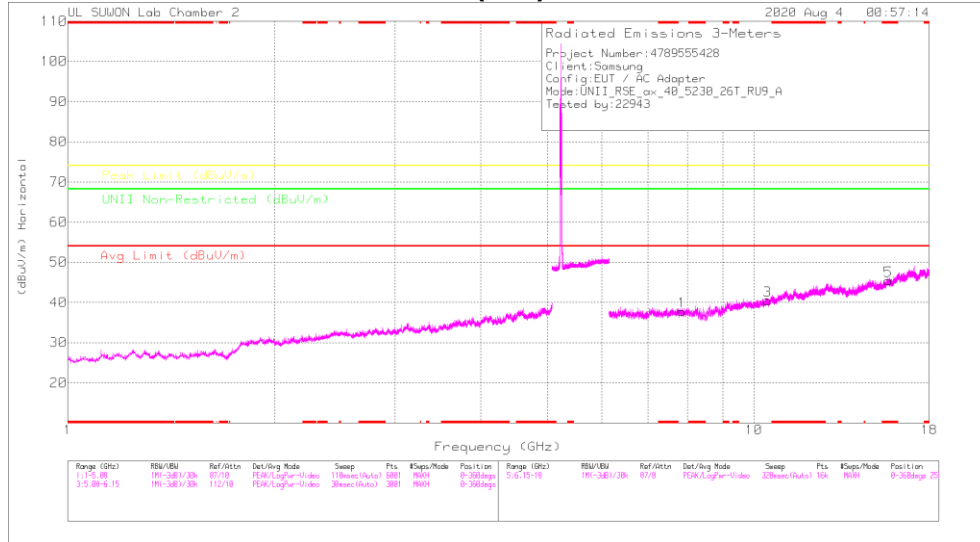
Radiated Emissions

Frequency (GHz)	Meas Reading (dBm)	Det	317_00218957	60Hz_HPS[dB]	DC Cor (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asmth (dBps)	Height (cm)	Polarity
7.7847	35.79	PK-U	36.1	-23.6	0	48.29	-	-	-	-	68.2	-19.91	0	100	H
7.78459	36.38	PK-U	36.1	-23.6	0	48.88	-	-	-	-	68.2	-19.32	0	100	V
10.35866	33.75	PK-U	37.5	-20.7	0	50.55	-	-	-	-	68.2	-17.65	0	100	H
10.35831	33.98	PK-U	37.5	-20.7	0	50.78	-	-	-	-	68.2	-17.42	0	100	V
* 15.57054	35.24	PK-U	40.4	-19.7	0	55.94	-	-	74	-18.06	-	-	0	100	H
* 15.57063	35.22	PK-U	40.4	-19.7	0	55.92	-	-	74	-18.08	-	-	0	100	V

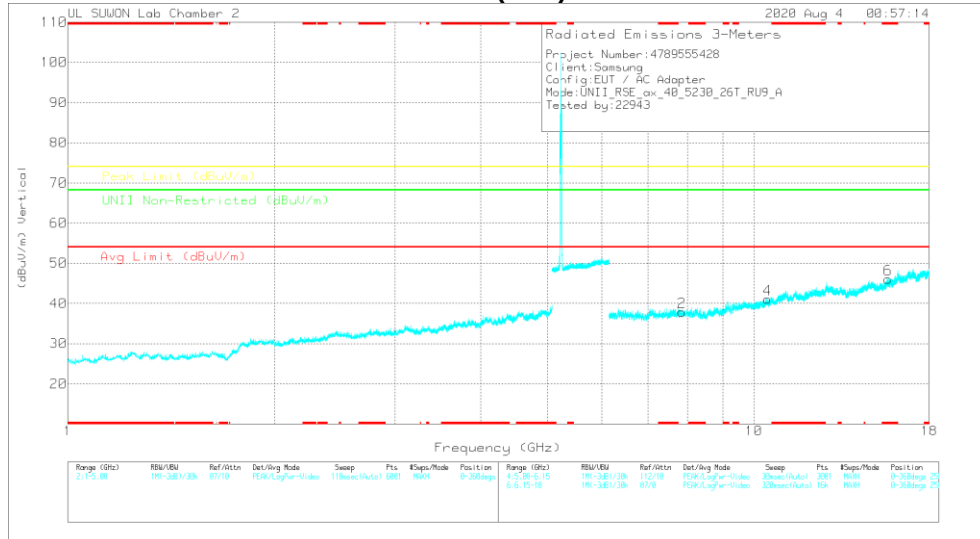
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

HIGH CHANNEL(9RU) HORIZONTAL



HIGH CHANNEL(9RU) VERTICAL



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

HIGH CHANNEL(9RU) DATA

Radiated Emissions

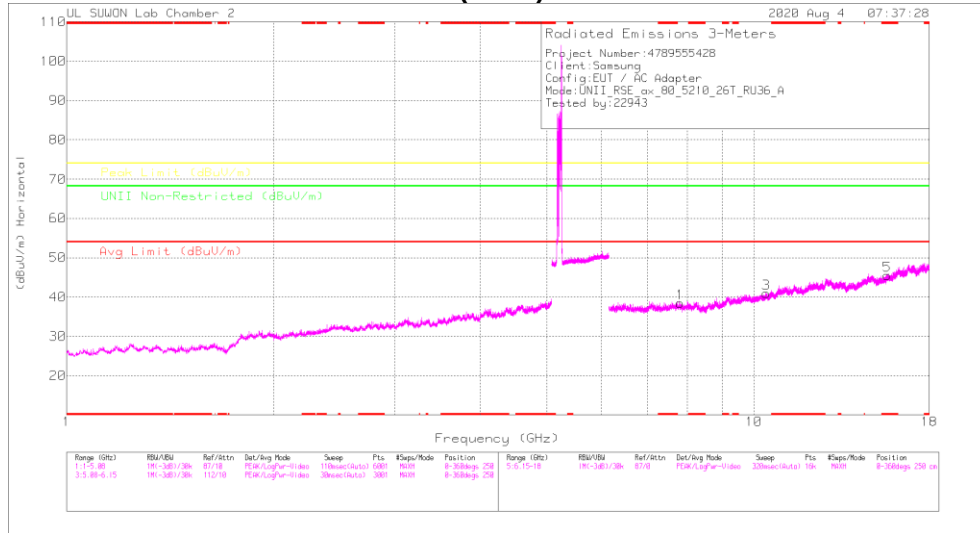
Frequency (GHz)	Mean Reading (dBuV)	Dev	UL17_0020867	SQL_VF(dB)	OC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (m)	Height (cm)	Polarity
7.84683	36.08	PK-U	36.1	-24.2	0	47.98	-	-	-	-	68.2	-20.22	360	100	H
7.94517	36.65	PK-U	36.1	-24.2	0	48.55	-	-	-	-	68.2	-19.65	360	100	V
10.43859	34.19	PK-U	37.6	-20.5	0	51.28	-	-	-	-	68.2	-16.92	360	100	H
10.46037	33.2	PK-U	37.6	-20.5	0	50.3	-	-	-	-	68.2	-17.9	360	100	V
* 15.69017	35.29	PK-U	40.6	-19.7	0	56.19	-	-	74	-17.81	-	-	360	100	H
* 15.68853	35.76	PK-U	40.6	-19.7	0	56.66	-	-	74	-17.34	-	-	360	100	V

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

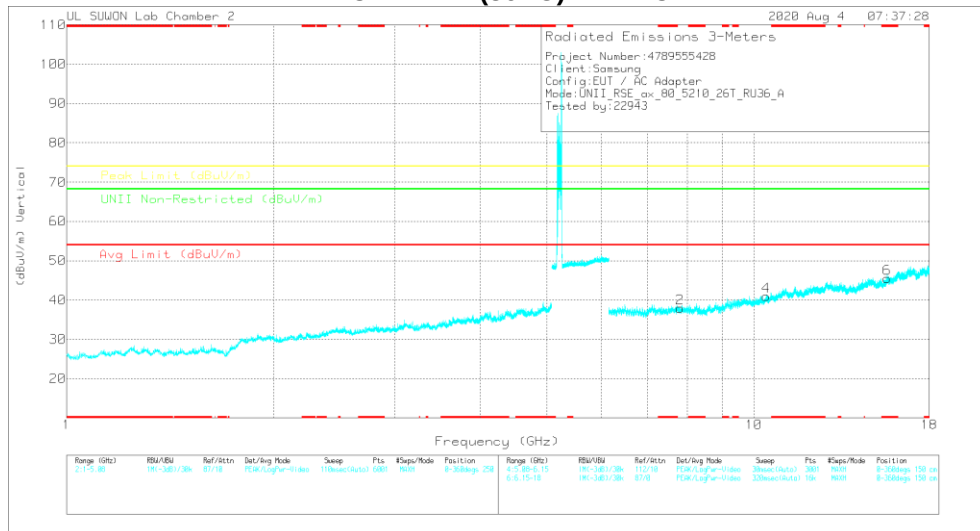
PK-U - U-NII: Maximum Peak

11.5.3. TX ABOVE 1GHz HE80(RU) MODE IN THE 5.2GHz BAND HARMONICS AND SPURIOUS EMISSIONS – ANT1+ANT2

MID CHANNEL(36RU) HORIZONTAL



MID CHANNEL(36RU) VERTICAL



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

MID CHANNEL(36RU) DATA

Radiated Emissions

Frequency (GHz)	Mean Reading (dBuV)	Det	317_0021867	6GHz_HP[dB]	DC Corr (dB)	Combined Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (cm)	Polarity
7.81515	36.29	PK-U	36.1	-24	0	47.63	-	-	-	-	68.2	-19.81	0	100	H
7.81385	35.53	PK-U	36.1	-24	0	47.63	-	-	-	-	68.2	-20.57	0	100	V
10.41825	33.59	PK-U	37.5	-20.6	0	50.49	-	-	-	-	68.2	-17.71	0	100	H
10.4214	33.74	PK-U	37.5	-20.6	0	50.64	-	-	-	-	68.2	-17.56	0	100	V
*15.63175	34.73	PK-U	40.5	-19.7	0	55.53	-	-	74	-18.47	-	-	0	100	H
*15.6292	34.73	PK-U	40.5	-19.7	0	55.53	-	-	74	-18.47	-	-	0	100	V

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

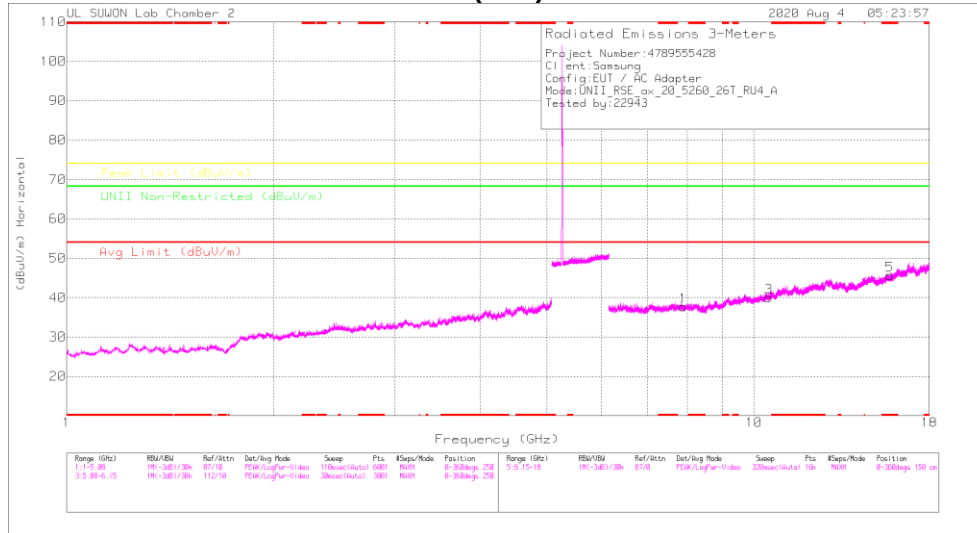
PK-U - U-NII: Maximum Peak

11.6. 5.3 GHz(802.11ax RU mode)

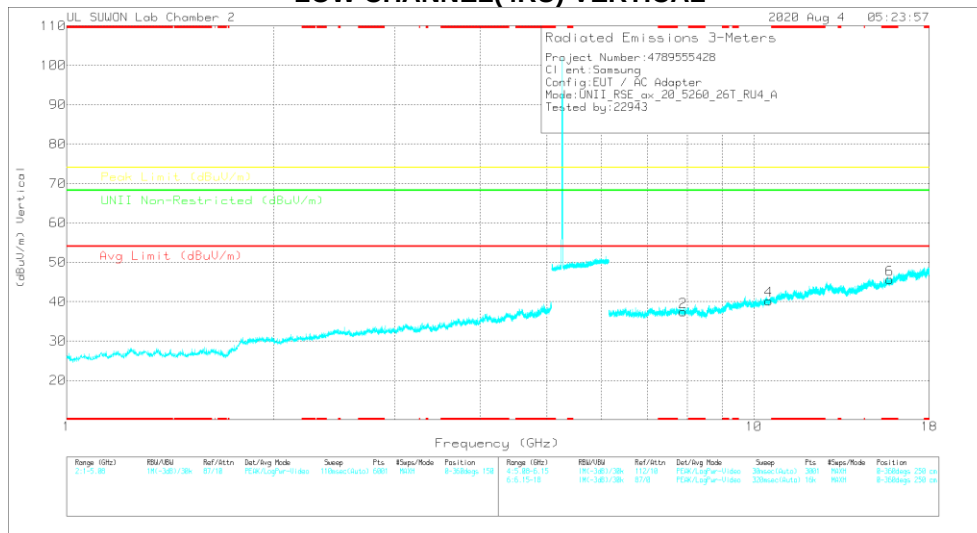
11.6.1. TX ABOVE 1 GHz HE20(RU) MODE IN THE 5.3 GHz BAND

HARMONICS AND SPURIOUS EMISSIONS – ANT1+ANT2

LOW CHANNEL(4RU) HORIZONTAL



LOW CHANNEL(4RU) 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(4RU) DATA

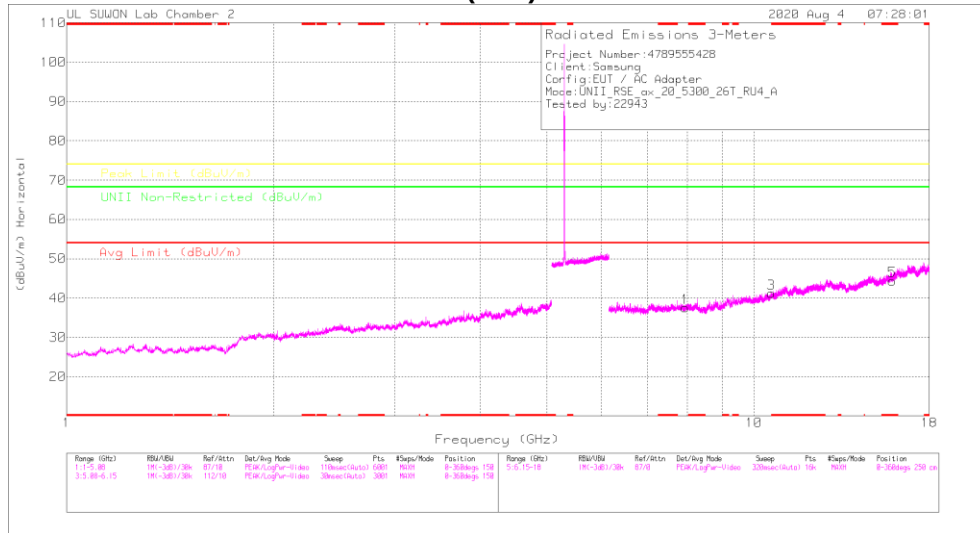
Radiated Emissions

Frequency (GHz)	Power Reading (dBm)	Det	UL17_0022857	ISGHL_FPS(dB)	OC Cor (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	Margin (dB)	UNII Non-Restricted (dBm)	Margin (dB)	Actual (dBm)	Height (cm)	Polarity
7.8896	35.54	PK-U	36.1	-24.2	0	48.54	-	-	-	-	68.2	-19.66	0	100	H
7.89159	36.3	PK-U	36.1	-24.1	0	48.3	-	-	-	-	68.2	-19.9	0	100	V
10.51803	34.1	PK-U	37.6	-20.4	0	51.3	-	-	-	-	68.2	-16.9	0	100	H
10.52034	33.53	PK-U	37.6	-20.4	0	50.73	-	-	-	-	68.2	-17.47	0	100	V
* 15.77872	35.19	PK-U	40.7	-19.8	0	56.09	-	-	74	-17.91	-	-	0	100	H
* 15.77996	34.92	PK-U	40.7	-19.9	0	55.72	-	-	74	-18.28	-	-	0	100	V

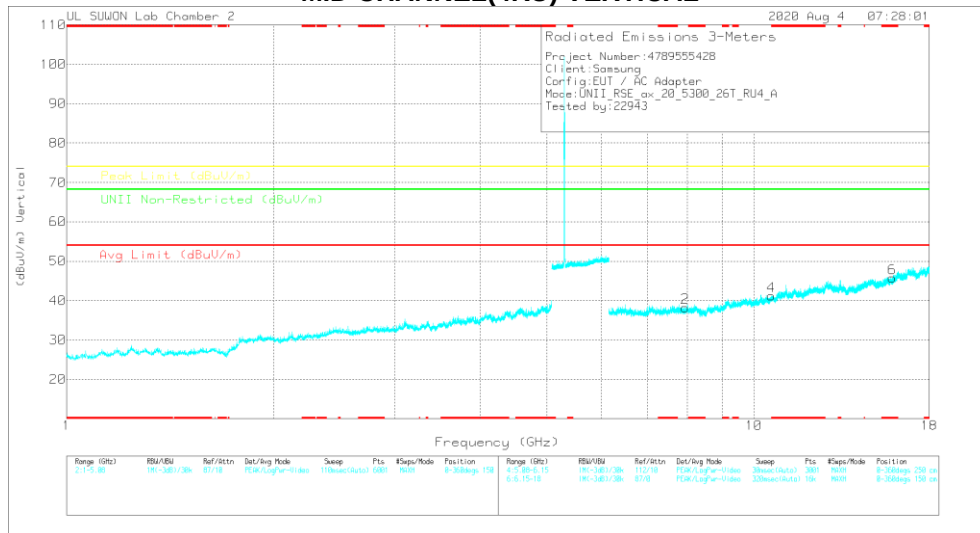
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

MID CHANNEL(4RU) HORIZONTAL



MID CHANNEL(4RU) VERTICAL



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

MID CHANNEL(4RU) DATA

Radiated Emissions

Frequency (GHz)	Meas Reading (dBuV)	Det	3117_00218957	60Hz_HF(dB)	DC Cor (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Actual (dBm)	Height (cm)	Polarity
7.94953	35.84	PK-U	36.1	-23.6	0	48.34	-	-	-	-	68.2	-19.86	360	100	H
7.9513	35.9	PK-U	36.1	-23.7	0	48.3	-	-	-	-	68.2	-19.9	360	100	V
* 10.60432	33.23	PK-U	37.7	-19.2	0	51.73	-	-	74	-22.27	-	-	360	100	H
* 10.60005	32.9	PK-U	37.7	-19.2	0	51.4	-	-	74	-22.6	-	-	360	100	V
* 15.90055	34.79	PK-U	40.8	-19.4	0	56.19	-	-	74	-17.81	-	-	360	100	H
* 15.90089	34.64	PK-U	40.8	-19.4	0	56.04	-	-	74	-17.96	-	-	360	100	V

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

PK-U - U-NII: Maximum Peak