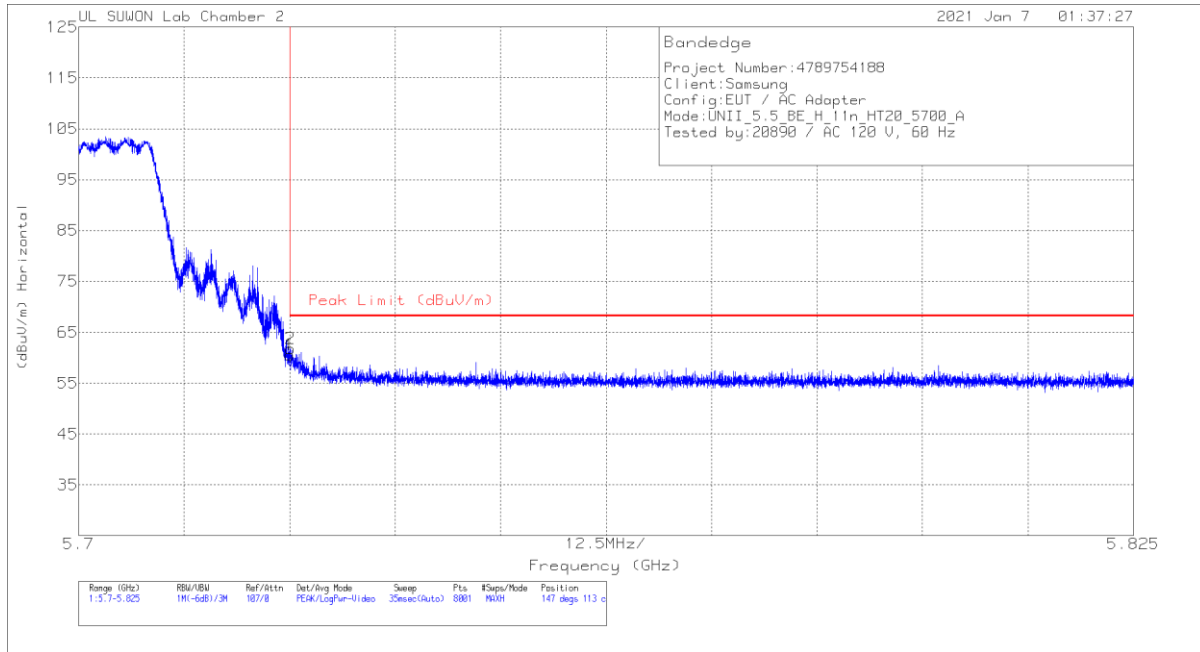


**AUTHORIZED BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL PEAK DATA**

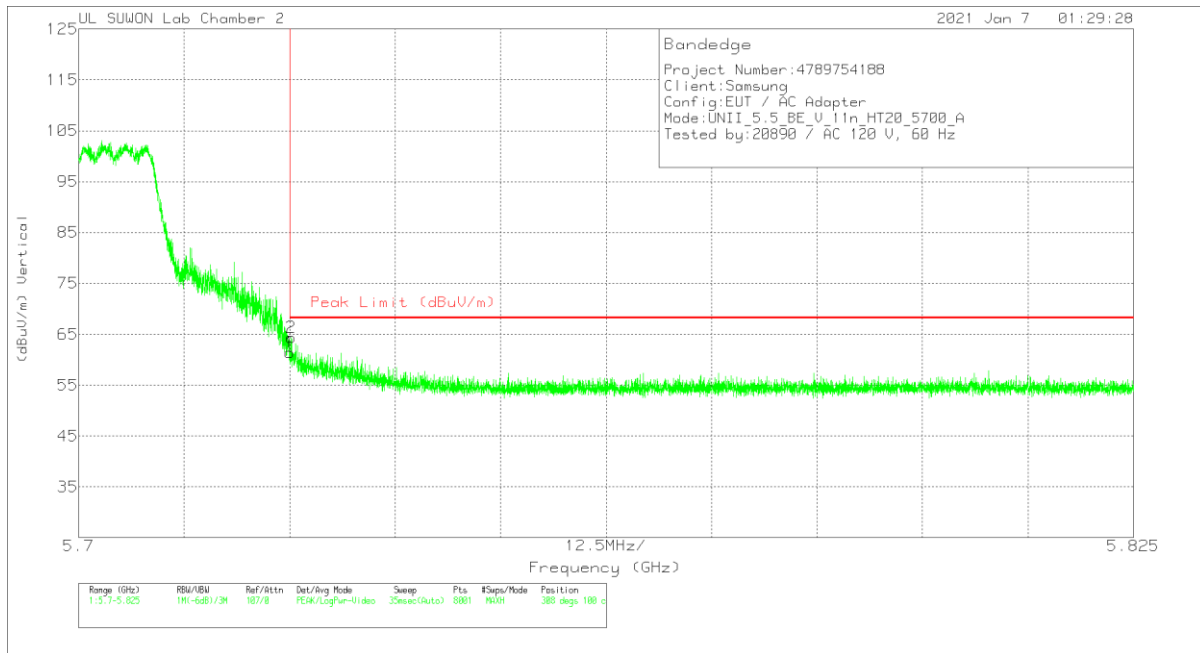


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	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	42.93	Pk	34.7	-17.1	0	60.53	68.2	-7.67	147	113	H
2	5.72508	44.18	Pk	34.7	-17.1	0	61.78	68.2	-6.42	147	113	H

Pk - Peak detector

**VERTICAL PEAK AND AVERAGE DATA**



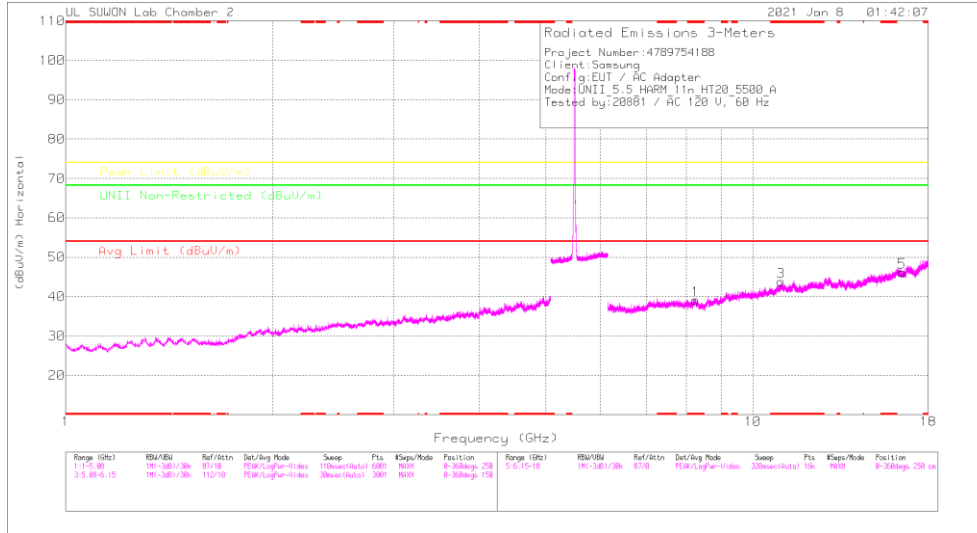
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	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	43.87	Pk	34.7	-17.1	0	61.47	68.2	-6.73	308	100	V
2	5.7252	46.8	Pk	34.7	-17.1	0	64.4	68.2	-3.8	308	100	V

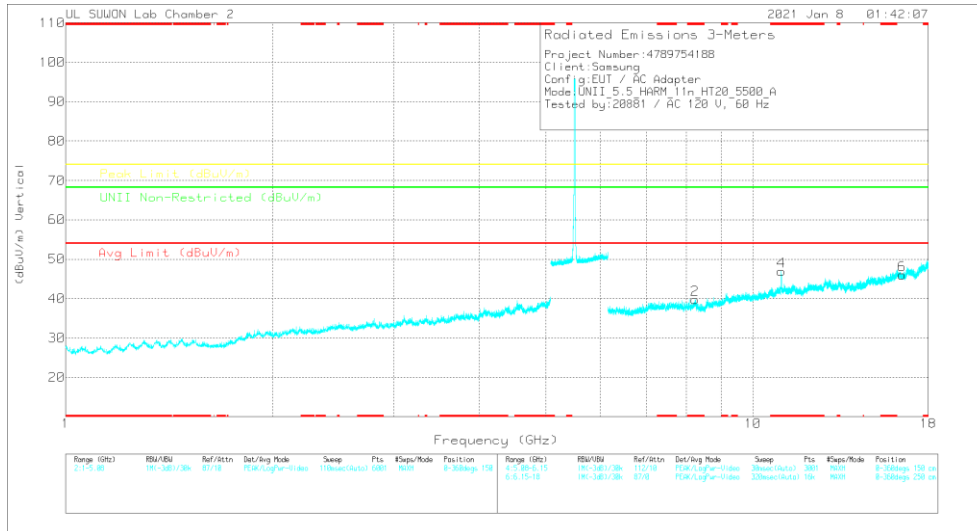
Pk - Peak detector

**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.

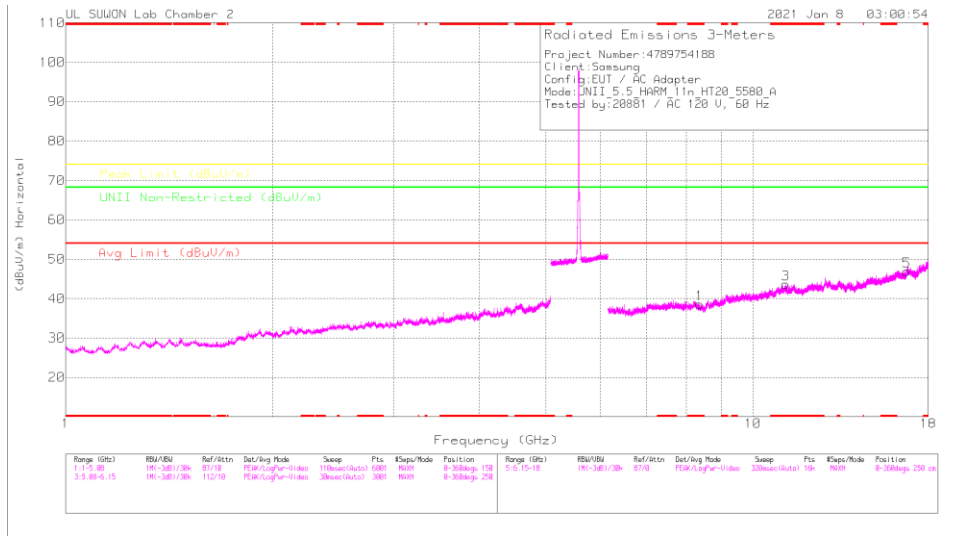
**LOW CHANNEL DATA**

**Radiated Emissions**

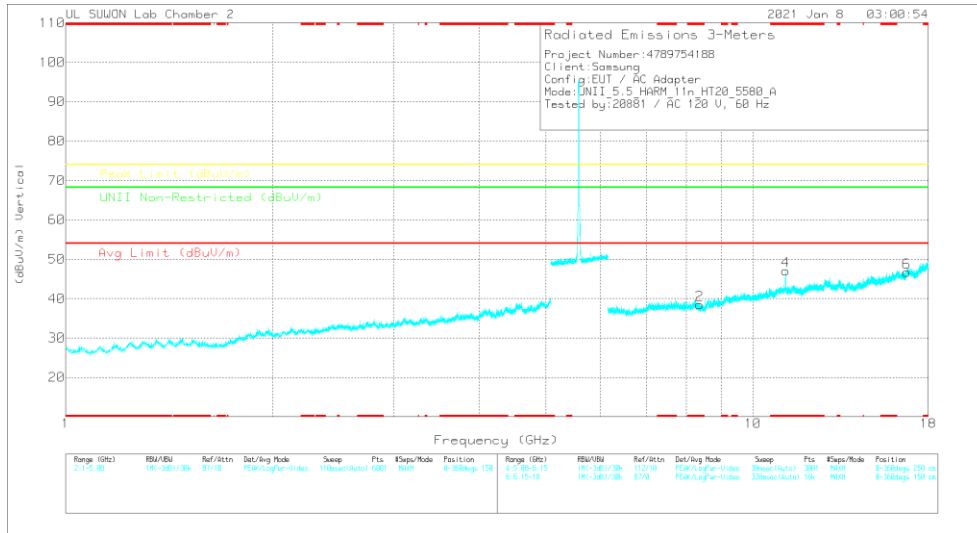
Frequency (GHz)	Meter Reading (dBm)	Det	317_00168724	6GHz_HPS(B)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Dips)	Height (cm)	Polarity
* 8.2488	35.37	PK-U	35.9	-22.3	0	48.97	-	-	74	-25.03	-	-	360	100	H
* 8.24542	35.66	PK-U	35.9	-22.3	0	49.26	-	-	74	-24.74	-	-	360	100	V
* 10.99905	37.53	PK-U	38.2	-19.7	0	56.03	-	-	74	-17.97	-	-	297	100	H
* 10.99993	25.18	ADR	38.2	-19.7	.11	43.79	54	-10.21	-	-	-	-	297	100	H
* 11.00025	44.15	PK-U	38.2	-19.7	0	62.65	-	-	74	-11.35	-	-	279	100	V
* 11.00013	30.83	ADR	38.2	-19.7	.11	49.44	54	-4.56	-	-	-	-	279	100	V
16.50792	34.85	PK-U	40.8	-19.4	0	56.25	-	-	-	-	68.2	-11.95	360	100	H
16.49962	34.98	PK-U	40.8	-19.5	0	56.28	-	-	-	-	68.2	-11.92	360	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

**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**

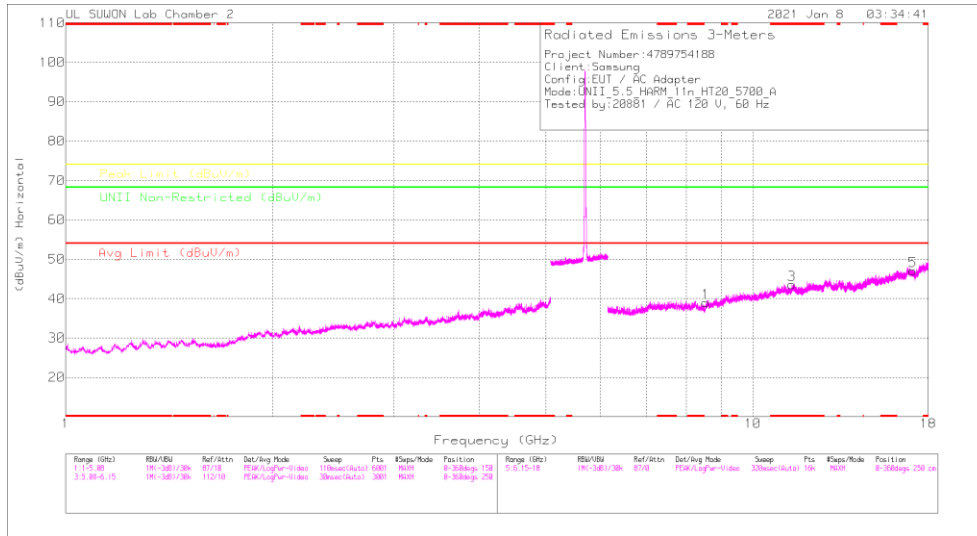
Frequency (GHz)	Max Reading (dBuV)	Det	2171_20160724	@GHz_HF@	OC Corr (dB)	Concord Reading (dBuV/m)	Avg Lim (dBuV/m)	Margin (dB)	Peak Lim (dBuV/m)	Margin (dB)	UNII Non-Restrict (dBuV/m)	Margin (dB)	Altitude (Height) (m)	Height (cm)	Polarity
* 8.37008	35.71	PK-U	36	-22.9	0	48.81	-	-	74	-25.19	-	-	360	100	H
* 8.37524	36.03	PK-U	36	-22.9	0	49.13	-	-	74	-24.87	-	-	360	100	V
* 11.15262	36.94	PK-U	38.3	-19	0	56.14	-	-	74	-17.86	-	-	307	104	H
* 11.15838	24.58	ADR	38.3	-19	.11	43.99	54	-10.01	-	-	-	-	307	104	H
* 11.16058	41.58	PK-U	38.3	-18.9	0	60.98	-	-	74	-13.02	-	-	279	103	V
* 11.16026	29.65	ADR	38.3	-19	.11	49.06	54	-4.94	-	-	-	-	279	103	V
16.74273	34.66	PK-U	41.1	-18.9	0	56.86	-	-	-	-	68.2	-11.34	360	100	H
16.74389	35	PK-U	41.1	-18.8	0	57.3	-	-	-	-	68.2	-10.9	360	100	V

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

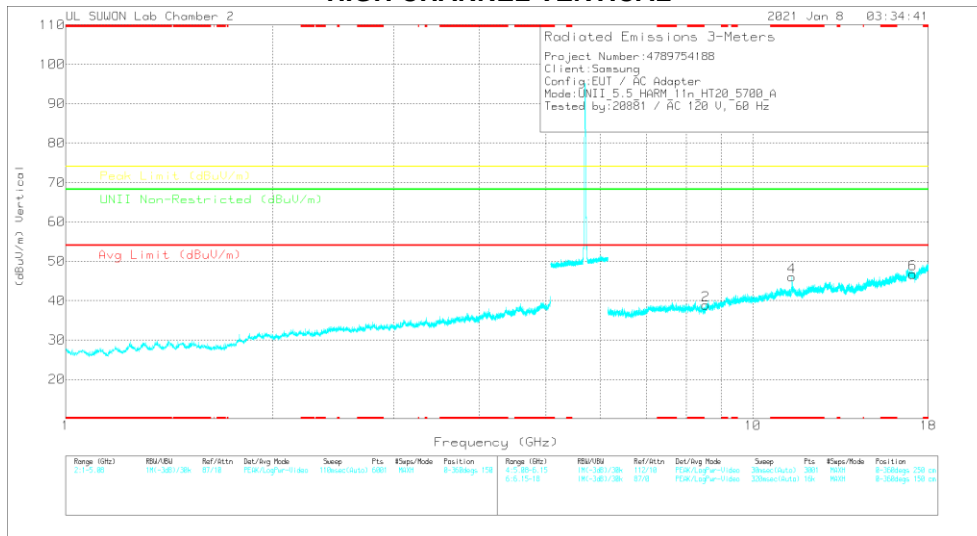
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### HIGH CHANNEL HORIZONTAL



### HIGH CHANNEL VERTICAL



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

### HIGH CHANNEL DATA

#### Radiated Emissions

Frequency (GHz)	Meas Reading (dBuV)	Det	317_00168724	6GHz_HPSDR	DC Corr (dB)	Consolid Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restrict (dBuV/m)	Margin (dB)	Altitude (Height)	Height (m)	Polarity
8.54336	34.57	PK-U	36	-21.8	0	48.77	-	-	-	-	68.2	-19.43	360	100	H
8.54269	34.72	PK-U	36	-21.8	0	48.92	-	-	-	-	68.2	-19.28	360	100	V
* 11.39667	35.32	PK-U	38.3	-19.4	0	54.22	-	-	74	-19.78	-	-	56	100	H
* 11.39891	23.38	ADR	38.3	-19.4	.11	42.39	54	-11.61	-	-	-	-	56	100	H
* 11.39839	39.72	PK-U	38.3	-19.5	0	58.52	-	-	74	-15.48	-	-	213	101	V
* 11.40087	26.85	ADR	38.3	-19.5	.11	45.76	54	-8.24	-	-	-	-	213	101	V
17.10423	34.67	PK-U	41	-18	0	57.67	-	-	-	-	68.2	-10.53	360	100	H
17.10477	34.74	PK-U	41	-18.1	0	57.64	-	-	-	-	68.2	-10.56	360	100	V

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

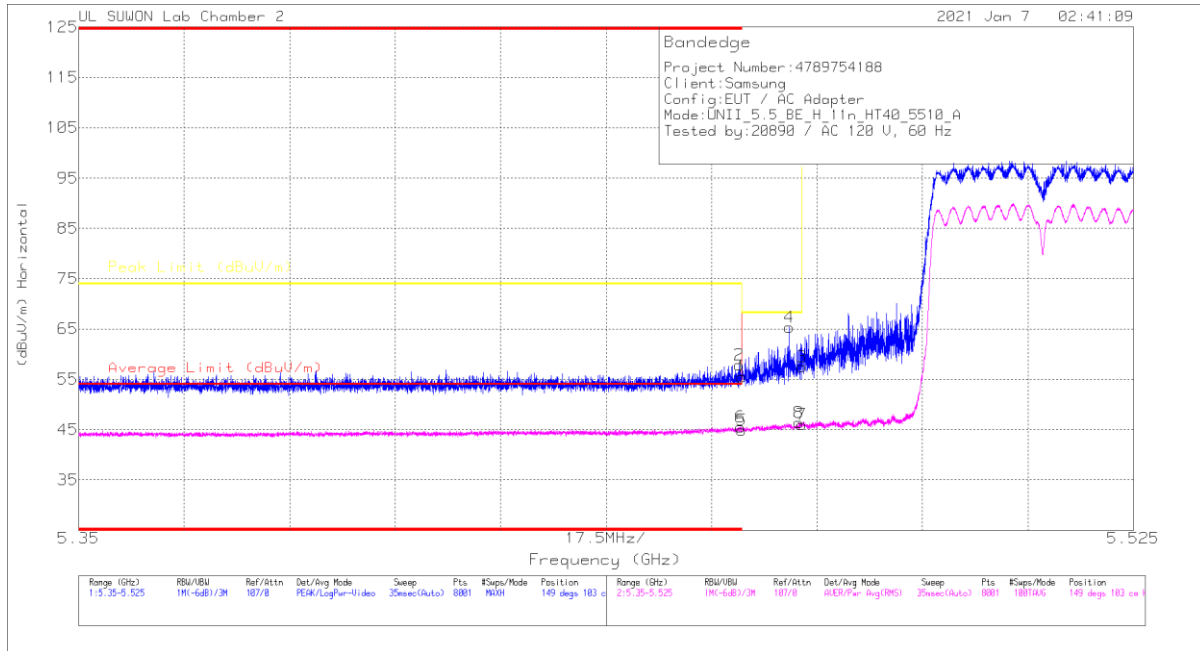
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

#### RESTRICTED BANDEDGE (LOW CHANNEL)

#### HORIZONTAL PEAK AND AVERAGE DATA



#### Trace Markers

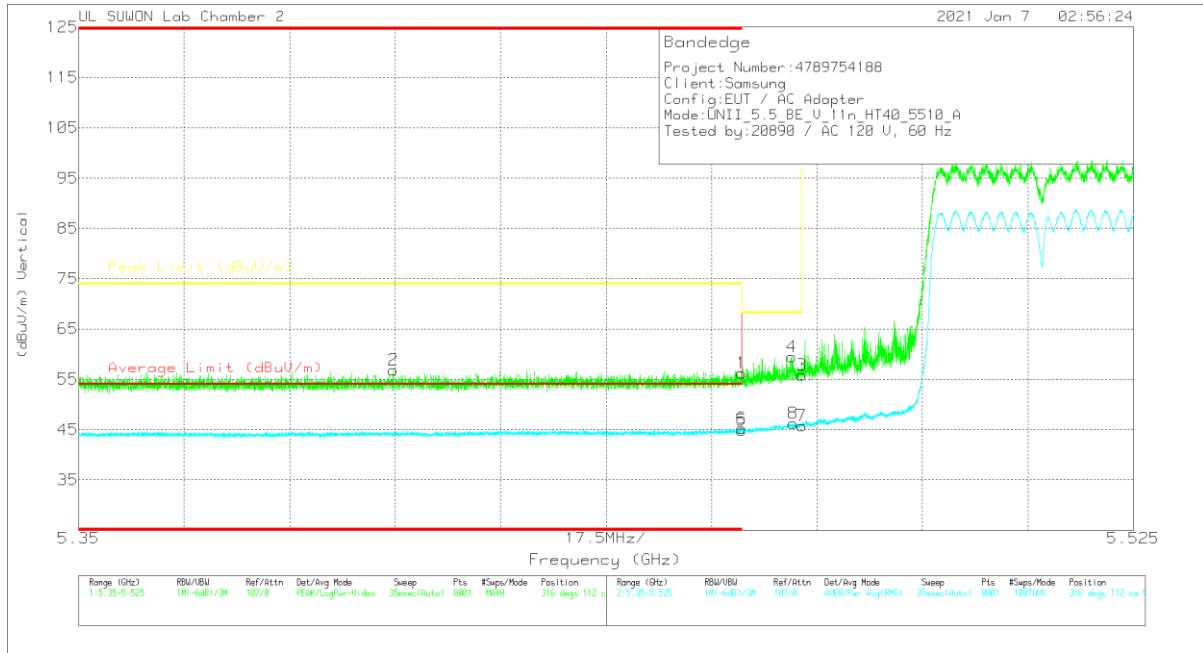
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	38.57	Pk	34.6	-17.7	0	55.47	-	-	74	-18.53	149	103	H
2	* 5.45957	40.84	Pk	34.6	-17.6	0	57.84	-	-	74	-16.16	149	103	H
3	5.46998	40.55	Pk	34.6	-17.7	0	57.45	-	-	68.2	-10.75	149	103	H
4	5.46795	48.41	Pk	34.6	-17.7	0	65.31	-	-	68.2	-2.89	149	103	H
5	* 5.45999	27.87	RMS	34.6	-17.7	.12	44.89	54	-9.11	-	-	149	103	H
6	* 5.45983	28.5	RMS	34.6	-17.7	.12	45.52	54	-8.48	-	-	149	103	H
7	5.46998	29	RMS	34.6	-17.7	.12	46.02	-	-	-	-	149	103	H
8	5.4695	29.37	RMS	34.6	-17.7	.12	46.39	-	-	-	-	149	103	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	3117_00168724	10dB_ATT[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	* 5.45999	39.37	Pk	34.6	-17.7	0	56.27	-	-	74	-17.73	316	112	V
2	* 5.40217	39.97	Pk	34.6	-17.7	0	56.87	-	-	74	-17.13	316	112	V
3	5.46998	38.94	Pk	34.6	-17.7	0	55.84	-	-	68.2	-12.36	316	112	V
4	5.46828	42.6	Pk	34.6	-17.7	0	59.5	-	-	68.2	-8.7	316	112	V
5	* 5.45999	27.22	RMS	34.6	-17.7	-12	44.84	54	-9.16	-	-	316	112	V
6	* 5.45997	28.22	RMS	34.6	-17.7	-12	45.24	54	-8.76	-	-	316	112	V
7	5.46998	28.8	RMS	34.6	-17.7	-12	45.82	-	-	-	-	316	112	V
8	5.4685	29.26	RMS	34.6	-17.7	-12	46.28	-	-	-	-	316	112	V

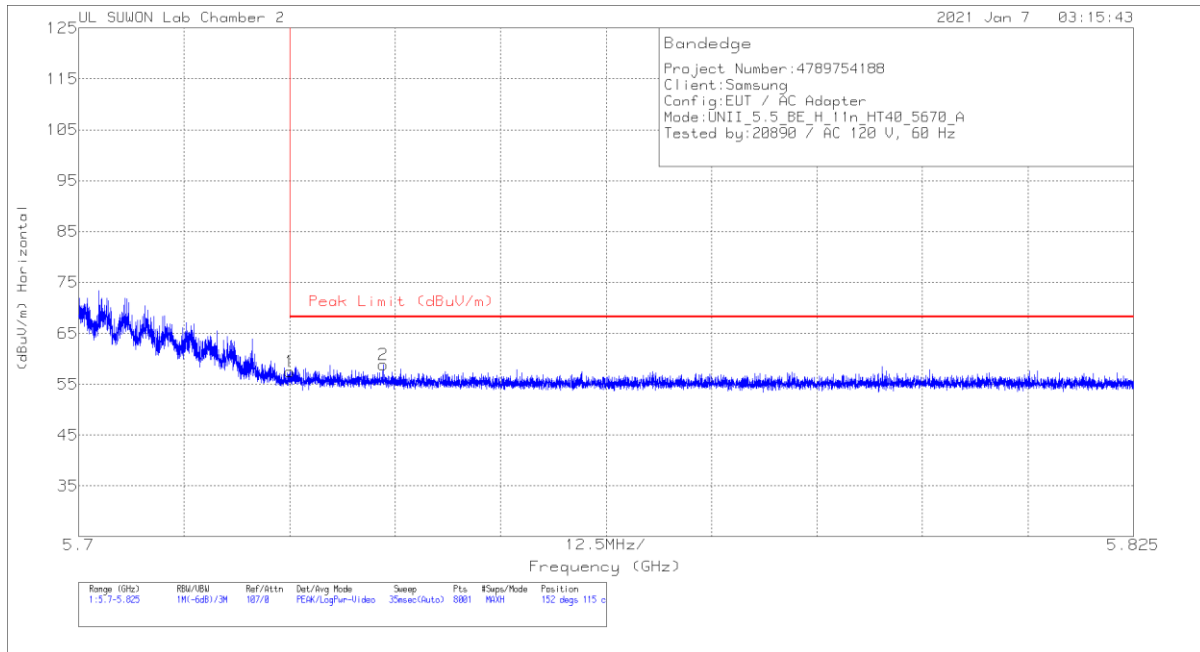
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE DATA**



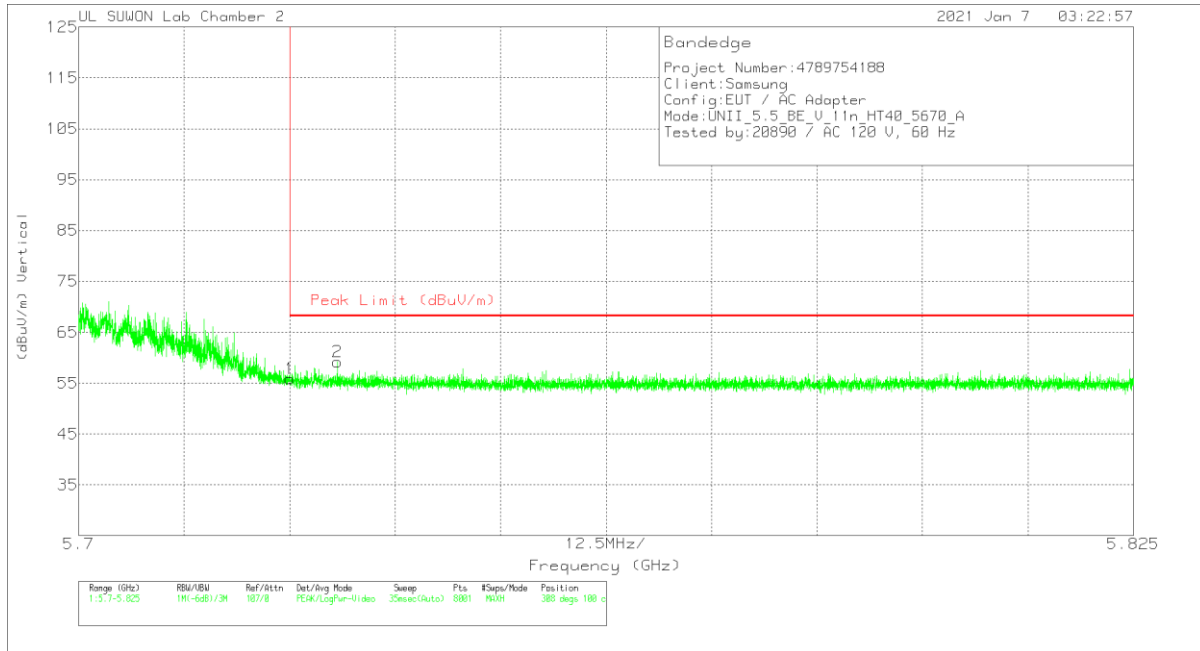
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	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	39.88	Pk	34.7	-17.1	0	57.48	68.2	-10.72	152	115	H
2	5.73609	41.2	Pk	34.7	-17.1	0	58.8	68.2	-9.4	152	115	H

Pk - Peak detector



**VERTICAL PEAK AND AVERAGE DATA**



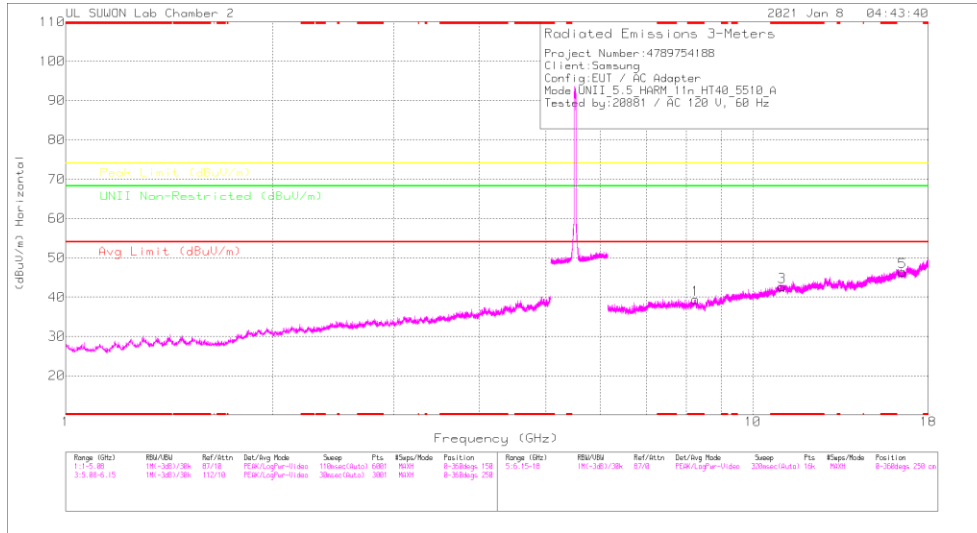
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	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	38.24	Pk	34.7	-17.1	0	55.84	68.2	-12.36	308	100	V
2	5.73067	41.57	Pk	34.7	-17.1	0	59.17	68.2	-9.03	308	100	V

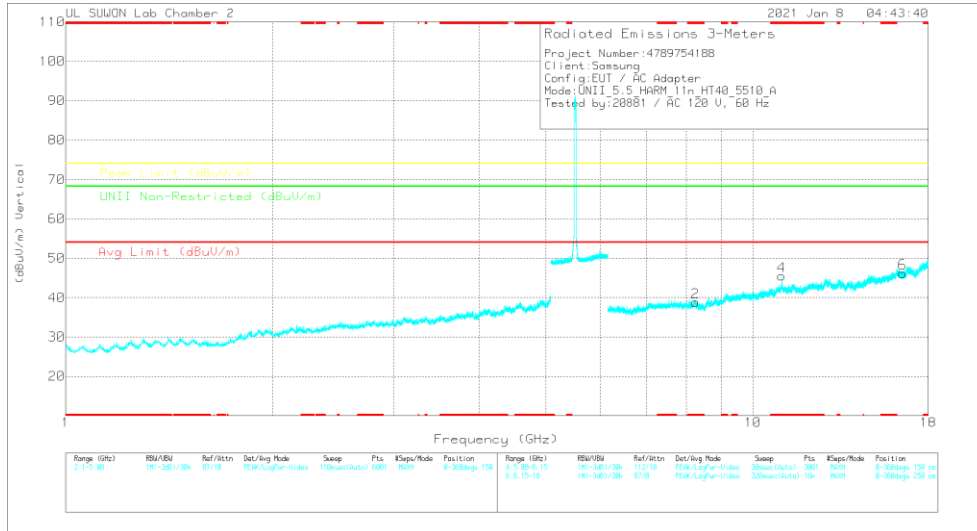
Pk - Peak detector

**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.

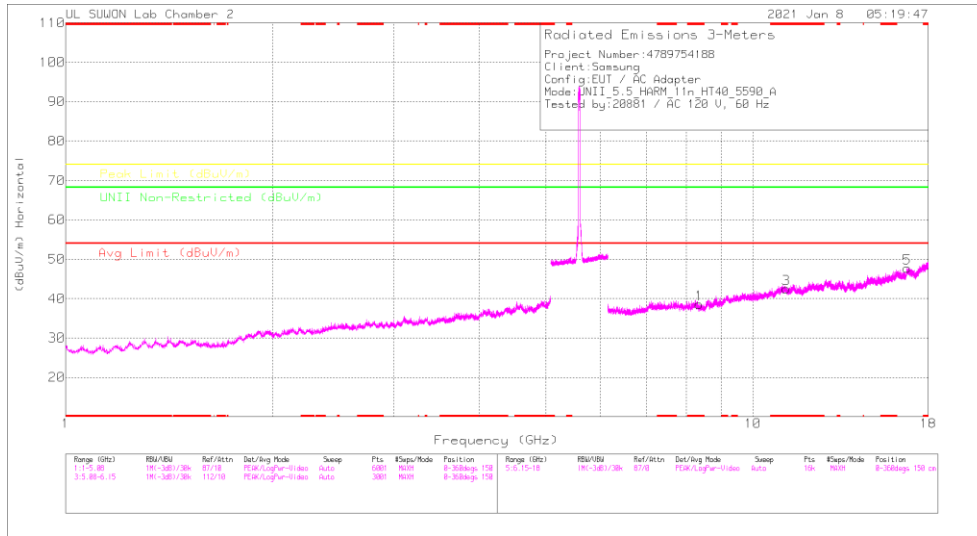
**LOW CHANNEL DATA**

**Radiated Emissions**

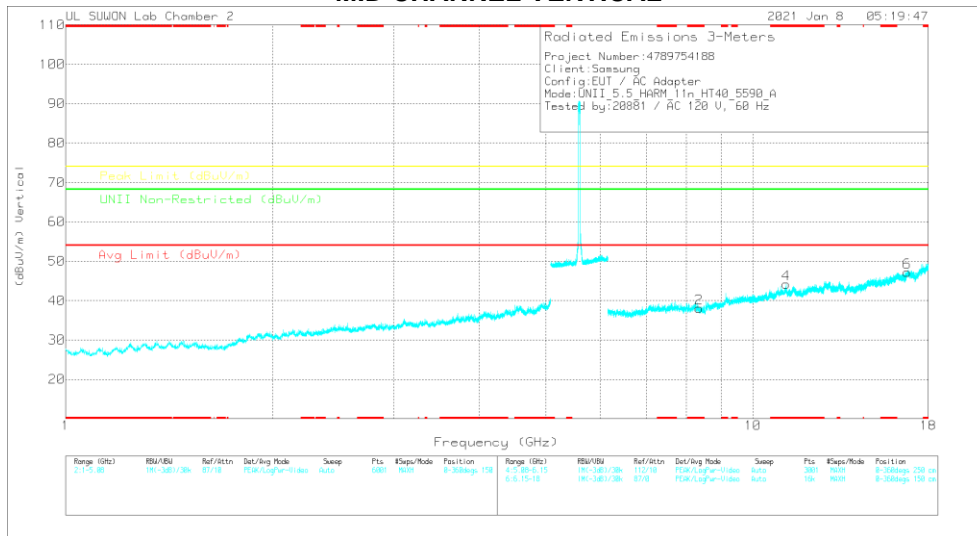
Frequency (GHz)	Meas Reading (dBm)	Det	317_06168724	6GHz_HPS(B)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (ft/m)	Height (ft/m)	Polarity
* 8.25777	35.75	PK-U	35.9	-22.2	0	48.45	-	-	74	-24.55	-	-	360	100	H
* 8.25823	35.28	PK-U	35.9	-22.2	0	48.98	-	-	74	-25.02	-	-	360	100	V
* 11.01921	35.51	PK-U	38.2	-19.9	0	53.81	-	-	74	-20.19	-	-	298	110	H
* 11.02329	23.08	ADR	38.2	-19.8	-12	41.6	54	-12.4	-	-	-	-	298	110	H
* 11.02009	39.07	PK-U	38.2	-19.9	0	57.37	-	-	74	-16.63	-	-	277	104	V
* 11.02017	26.13	ADR	38.2	-19.9	-12	44.55	54	-9.45	-	-	-	-	277	104	V
16.53257	34.73	PK-U	40.9	-19.4	0	56.23	-	-	-	-	68.2	-11.97	360	100	H
16.53236	34.74	PK-U	40.9	-19.4	0	56.24	-	-	-	-	68.2	-11.96	360	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

**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**

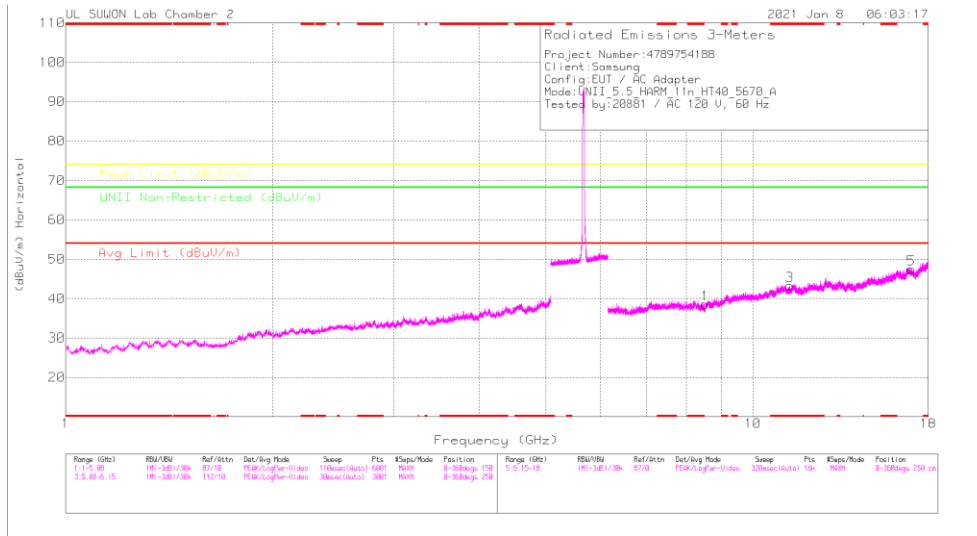
Frequency (GHz)	Max Reading (dBuV)	Det	317_00168724	6GHz_HPSRB	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (m)	Polarity
* 8.35508	35.45	PK-U	36	-22.9	0	48.55	-	-	74	-25.45	-	-	0	100	H
* 8.35384	35.26	PK-U	36	-22.9	0	48.36	-	-	74	-25.64	-	-	0	100	V
* 11.16545	35.53	PK-U	38.3	-19.1	0	54.73	-	-	74	-19.27	-	-	292	100	H
* 11.18013	22.73	ADR	38.3	-19.1	-12	42.05	54	-11.95	-	-	-	-	292	100	H
* 11.18085	38.15	PK-U	38.3	-19.1	0	57.35	-	-	74	-16.65	-	-	280	102	V
* 11.18029	25.51	ADR	38.3	-19.1	-12	44.83	54	-9.17	-	-	-	-	280	102	V
16.77152	35.11	PK-U	41.2	-18.5	0	57.81	-	-	-	-	68.2	-10.39	0	100	H
16.77288	34.48	PK-U	41.2	-18.5	0	57.18	-	-	-	-	68.2	-11.02	0	100	V

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

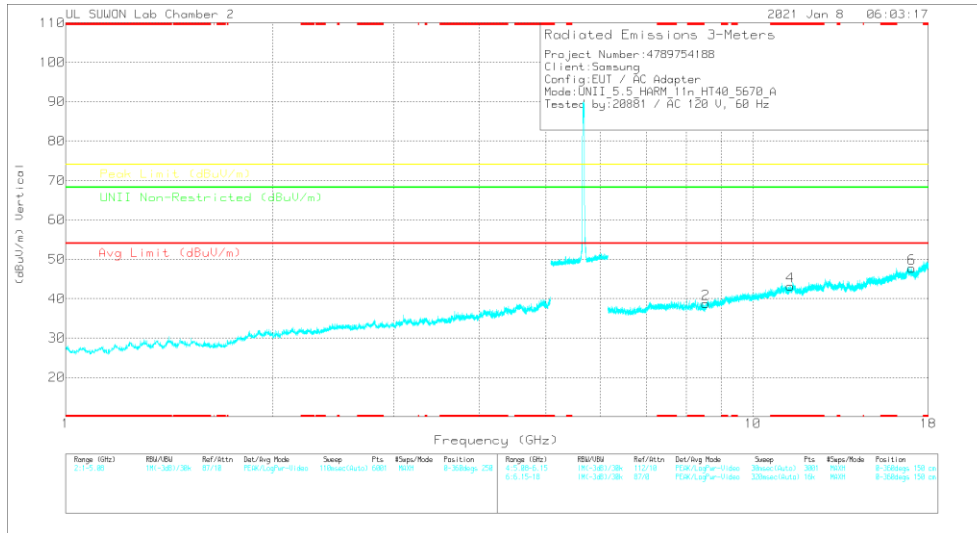
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### HIGH CHANNEL HORIZONTAL



### HIGH CHANNEL VERTICAL



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

### HIGH CHANNEL DATA

#### Radiated Emissions

Frequency (GHz)	Meas Reading (dBuV)	Det	317_00168724	6GHz_HPS[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 (Meters)	Height (cm)	Polarity
8.52573	35.53	PK-U	36	-22.4	0	49.13	-	-	-	-	68.2	-19.07	360	100	H
8.52777	35.5	PK-U	36	-22.3	0	49.2	-	-	-	-	68.2	-19	360	100	V
* 11.32479	34.1	PK-U	38.3	-19.5	0	52.9	-	-	74	-21.1	-	-	360	100	H
* 11.32535	34.89	PK-U	38.3	-19.6	0	53.59	-	-	74	-20.41	-	-	360	100	V
17.02229	34.76	PK-U	41.1	-18.3	0	57.56	-	-	-	-	68.2	-10.64	360	100	H
17.02111	34.69	PK-U	41.1	-18.2	0	57.59	-	-	-	-	68.2	-10.61	360	100	V

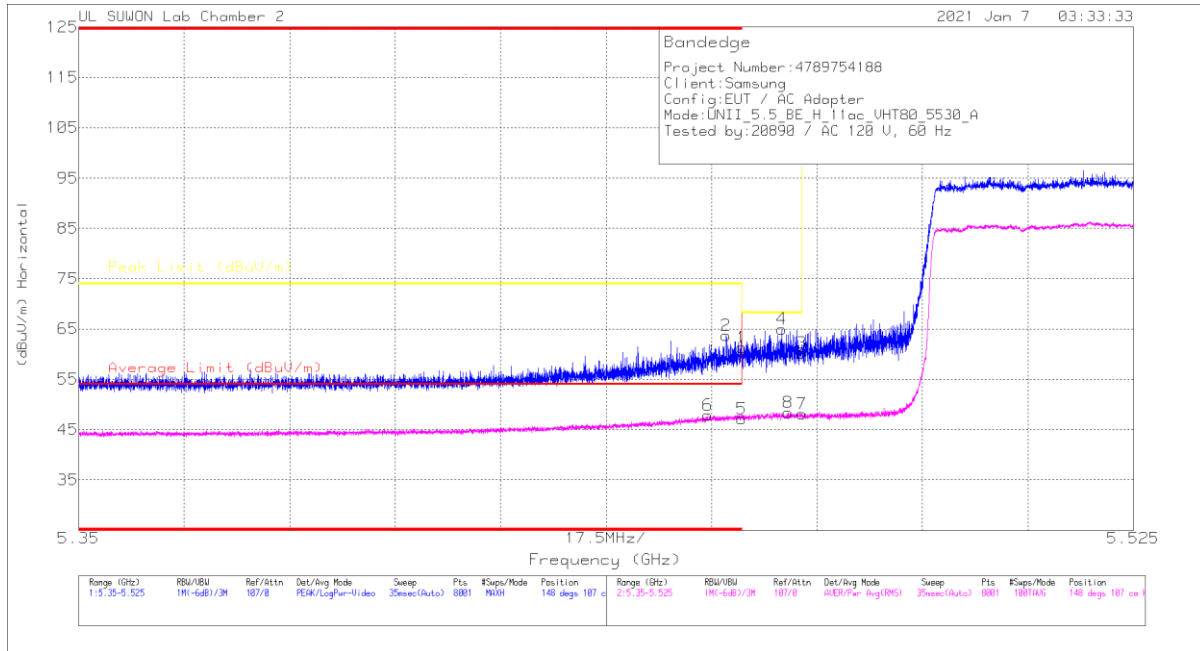
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

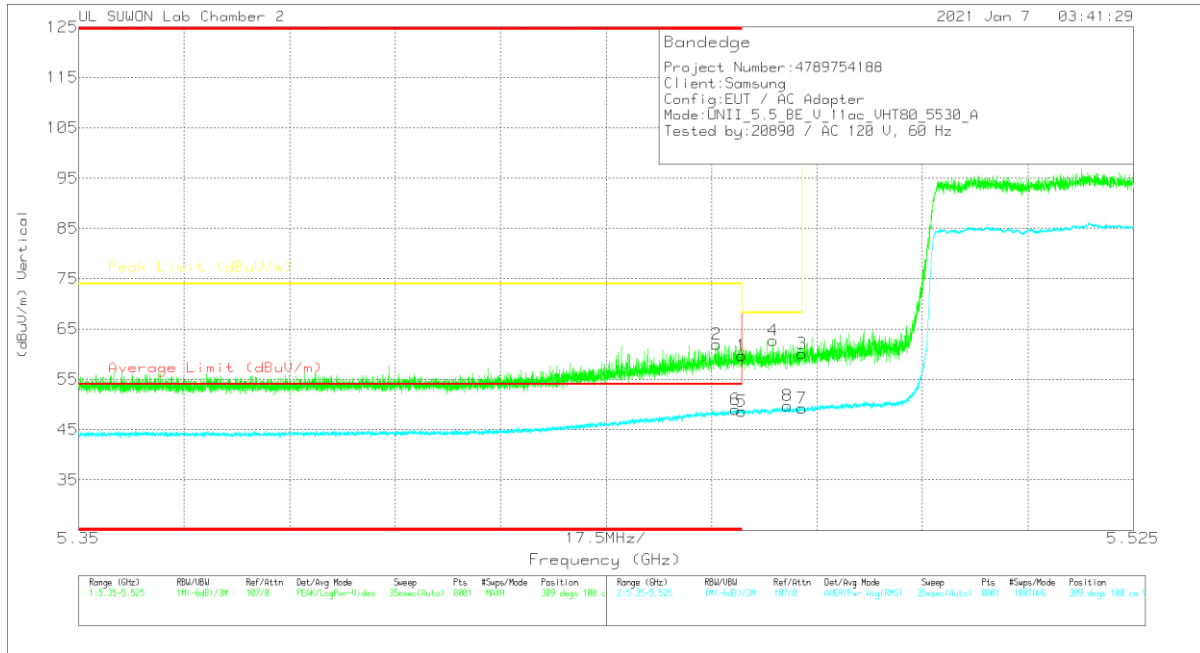
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	44.43	Pk	34.6	-17.7	0	61.33	-	-	74	-12.67	148	107	H
2	* 5.45743	46.8	Pk	34.6	-17.7	0	63.7	-	-	74	-10.3	148	107	H
3	5.46998	43.36	Pk	34.6	-17.7	0	60.26	-	-	68.2	-7.94	148	107	H
4	5.46664	48.12	Pk	34.6	-17.7	0	65.02	-	-	68.2	-3.18	148	107	H
5	* 5.45999	30.14	RMS	34.6	-17.7	-2	47.24	54	-6.76	-	-	148	107	H
6	* 5.45441	30.87	RMS	34.6	-17.7	-2	47.97	54	-6.03	-	-	148	107	H
7	5.46998	31.14	RMS	34.6	-17.7	-2	48.24	-	-	-	-	148	107	H
8	5.46767	31.38	RMS	34.6	-17.7	-2	48.48	-	-	-	-	148	107	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	3117_00168724	10dB_ATT[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	* 5.45999	42.79	Pk	34.6	-17.7	0	59.69	-	-	74	-14.31	309	100	V
2	* 5.45585	45.1	Pk	34.6	-17.7	0	62	-	-	74	-12	309	100	V
3	5.46998	43.22	Pk	34.6	-17.7	0	60.12	-	-	68.2	-8.08	309	100	V
4	5.46517	45.81	Pk	34.6	-17.7	0	62.71	-	-	68.2	-5.49	309	100	V
5	* 5.45999	31.64	RMS	34.6	-17.7	-2	48.74	54	-5.26	-	-	309	100	V
6	* 5.45892	31.98	RMS	34.6	-17.7	-2	49.08	54	-4.92	-	-	309	100	V
7	5.46998	32.24	RMS	34.6	-17.7	-2	49.34	-	-	-	-	309	100	V
8	5.46764	32.71	RMS	34.6	-17.7	-2	49.81	-	-	-	-	309	100	V

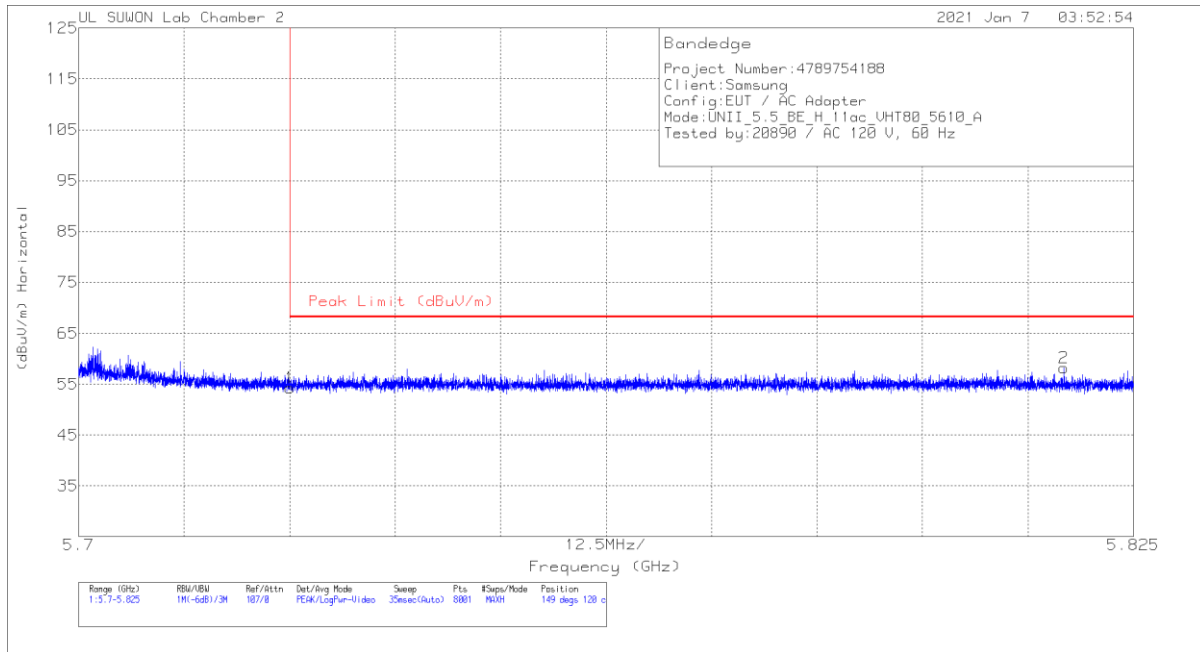
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE DATA**

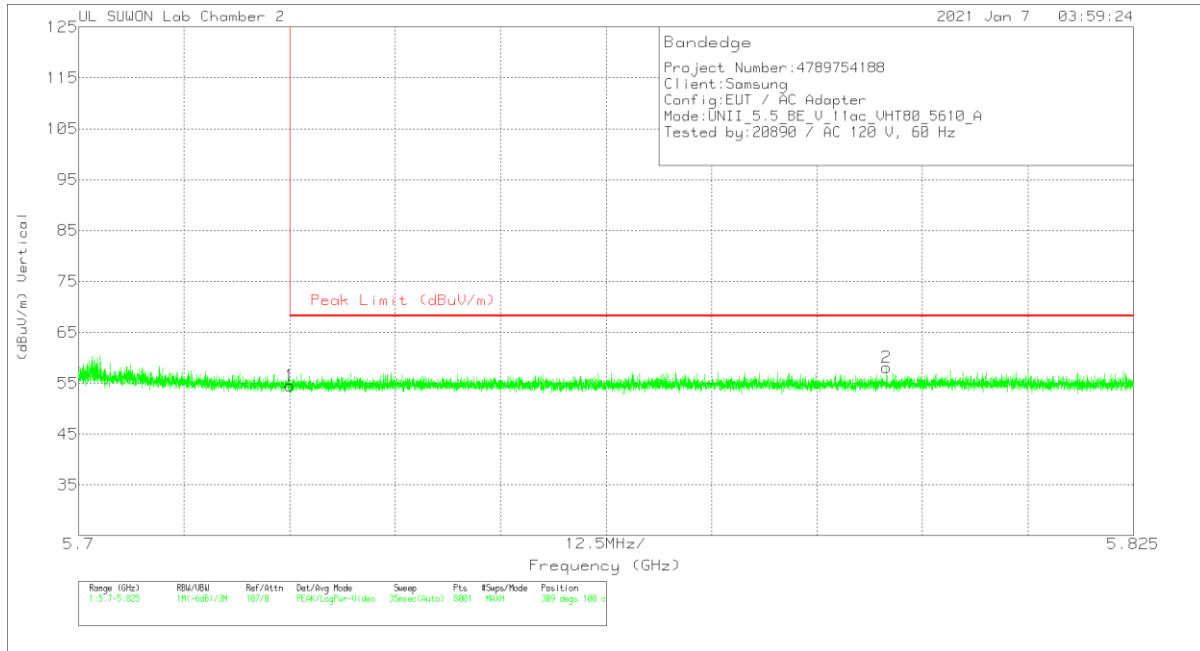


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	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	36.7	Pk	34.7	-17.1	0	54.3	68.2	-13.9	149	120	H
2	5.81673	40.2	Pk	34.9	-16.9	0	58.2	68.2	-10	149	120	H

Pk - Peak detector

**VERTICAL PEAK AND AVERAGE DATA**



**Trace Markers**

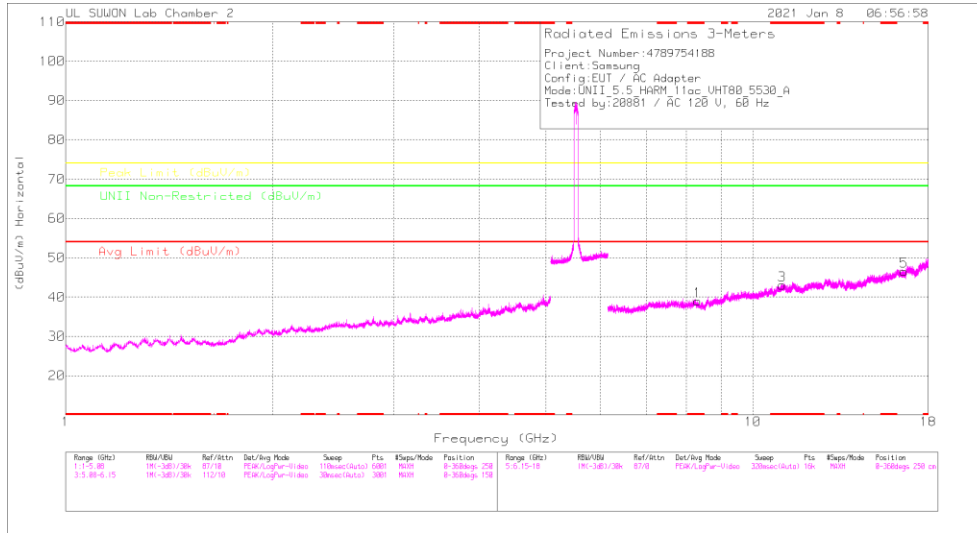
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	36.95	Pk	34.7	-17.1	0	54.55	68.2	-13.65	309	100	V
2	5.79575	40.18	Pk	34.8	-16.9	0	58.08	68.2	-10.12	309	100	V

Pk - Peak detector

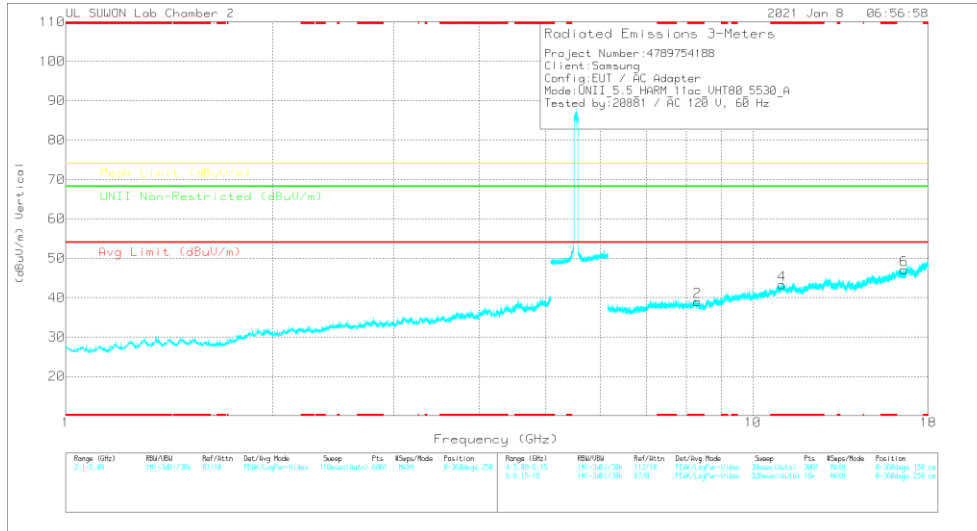


**HARMONICS AND SPURIOUS EMISSIONS**

**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.

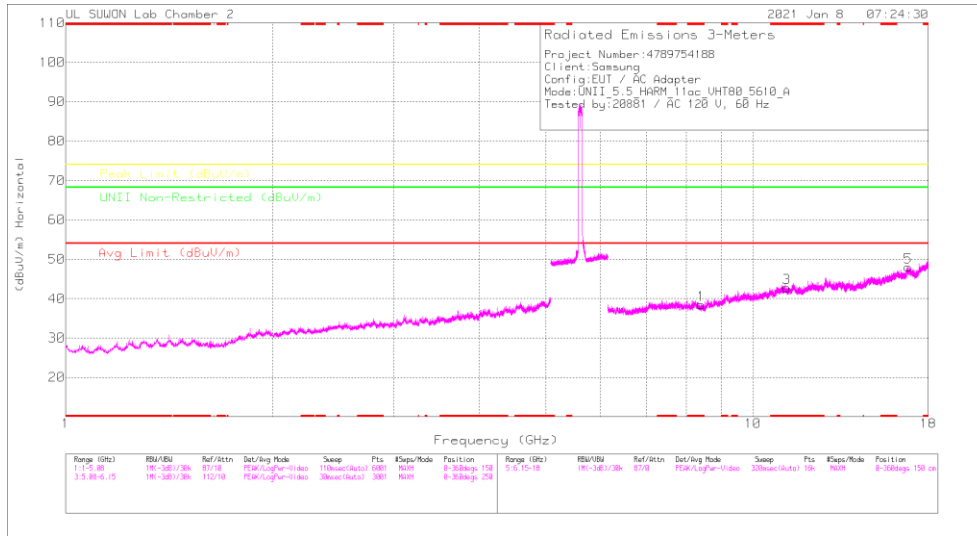
**LOW CHANNEL DATA**

**Radiated Emissions**

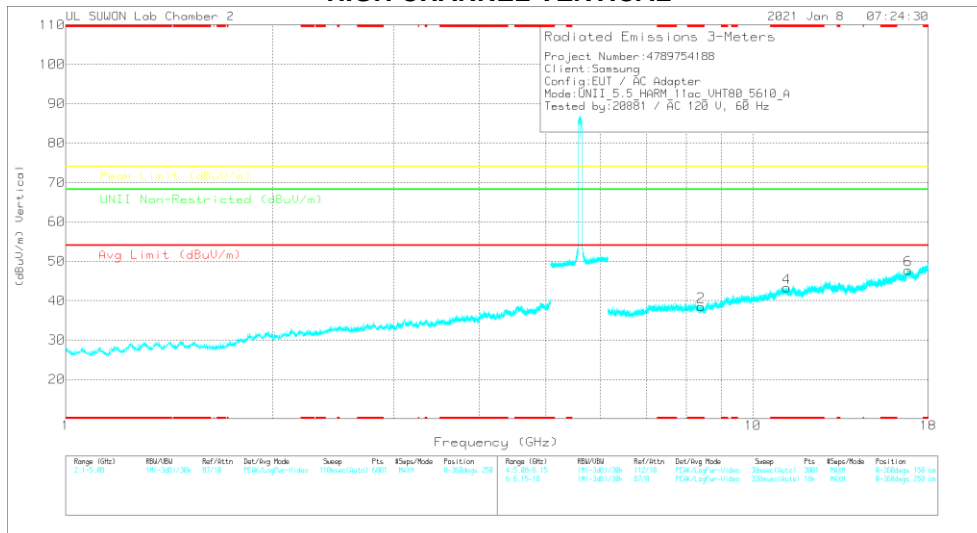
Frequency (GHz)	Meas Reading (dBm)	Det	317_00168724	6GHz_HPS[B]	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (ft)	Height (ft)	Polarity
* 8.31566	34.98	PK-U	36	-22	0	48.98	-	-	74	-25.02	-	-	360	100	H
* 8.31428	35.28	PK-U	36	-22	0	49.28	-	-	74	-24.72	-	-	360	100	V
* 11.03675	34.4	PK-U	38.2	-19.7	0	52.9	-	-	74	-21.1	-	-	360	100	H
* 11.03961	35.21	PK-U	38.2	-19.8	0	53.61	-	-	74	-20.39	-	-	360	100	V
16.59971	34.73	PK-U	41	-19.1	0	56.63	-	-	-	-	68.2	-11.57	360	100	H
16.60147	35.43	PK-U	41	-19.2	0	57.23	-	-	-	-	68.2	-10.97	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

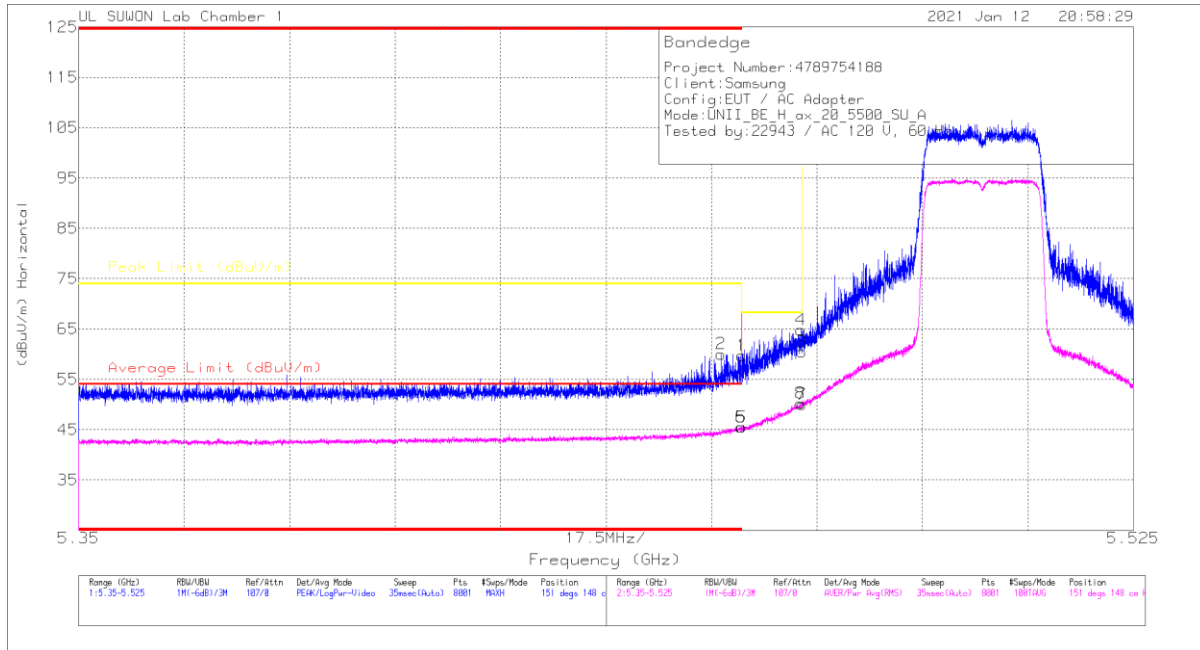
Frequency (GHz)	Max Reading (dBuV)	Det	3171_00160724	@GHz_HF@dB	OC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Meters)	Height (cm)	Polarity
* 8.4157	35.3	PK-U	36	-22.8	0	48.5	-	-	74	-25.5	-	-	360	100	H
* 8.41585	35.84	PK-U	36	-22.8	0	49.04	-	-	74	-24.96	-	-	360	100	V
* 11.20529	34.49	PK-U	38.3	-19.3	0	53.49	-	-	74	-20.51	-	-	360	100	H
* 11.20609	35.58	PK-U	38.3	-19.2	0	54.68	-	-	74	-19.32	-	-	360	100	V
16.82338	34.59	PK-U	41.2	-17.9	0	57.89	-	-	-	-	68.2	-10.31	360	100	H
16.82129	35.22	PK-U	41.2	-17.9	0	58.52	-	-	-	-	68.2	-9.68	360	100	V

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

### 11.3.5.TX ABOVE 1GHz 802.11ax HE20 2Tx MODE IN 5.5GHz BAND

#### RESTRICTED BANDEDGE (LOW CHANNEL)

#### HORIZONTAL PEAK AND AVERAGE DATA



#### Trace Markers

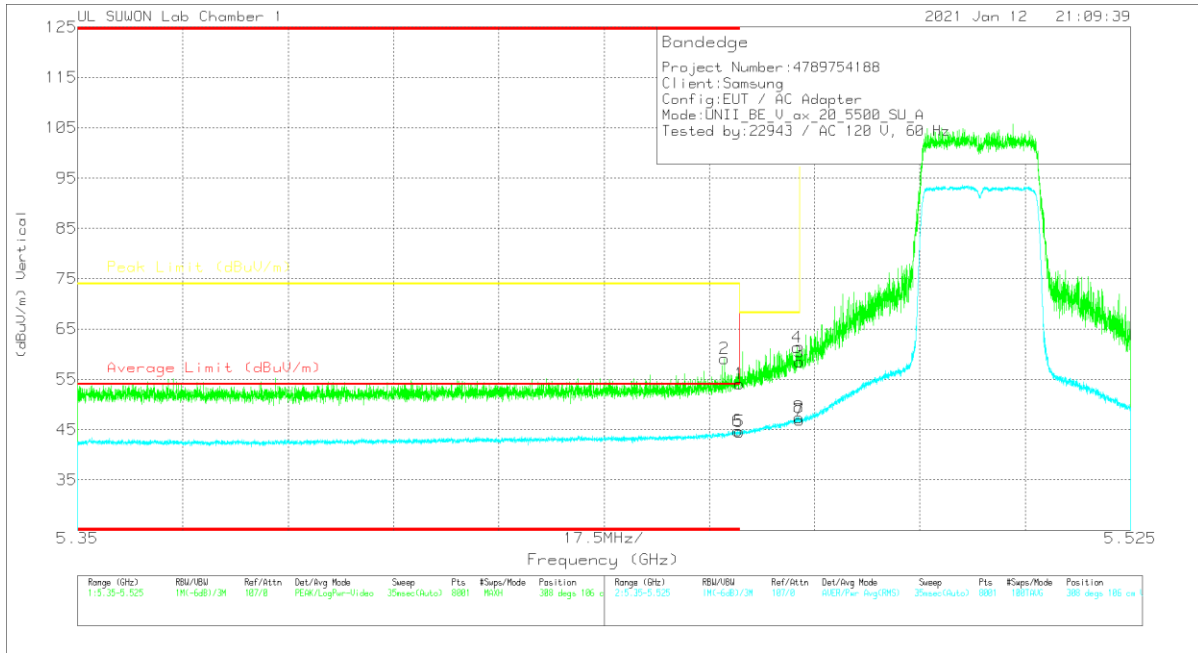
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	46.53	Pk	34.5	-21.3	0	59.73	-	-	74	-14.27	151	148	H
2	* 5.45655	46.94	Pk	34.5	-21.4	0	60.04	-	-	74	-13.96	151	148	H
3	5.46998	47.25	Pk	34.5	-21.3	0	60.45	-	-	68.2	-7.75	151	148	H
4	5.46983	51.6	Pk	34.5	-21.3	0	64.8	-	-	68.2	-3.4	151	148	H
5	* 5.45999	32.2	RMS	34.5	-21.3	.1	45.5	54	-8.5	-	-	151	148	H
6	* 5.45988	32.25	RMS	34.5	-21.3	.1	45.55	54	-8.45	-	-	151	148	H
7	5.46998	36.66	RMS	34.5	-21.3	.1	49.96	-	-	-	-	151	148	H
8	5.46977	36.99	RMS	34.5	-21.3	.1	50.29	-	-	-	-	151	148	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	3117_00168717	10dB_ATT(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	* 5.45999	40.88	Pk	34.5	-21.3	0	54.08	-	-	74	-19.92	308	106	V
2	* 5.45756	46.02	Pk	34.5	-21.4	0	59.12	-	-	74	-14.88	308	106	V
3	5.46998	45.23	Pk	34.5	-21.3	0	58.43	-	-	68.2	-9.77	308	106	V
4	5.46953	48.24	Pk	34.5	-21.4	0	61.34	-	-	68.2	-6.86	308	106	V
5	* 5.45999	31.29	RMS	34.5	-21.3	.1	44.59	54	-9.41	-	-	308	106	V
6	* 5.45966	31.43	RMS	34.5	-21.3	.1	44.73	54	-9.27	-	-	308	106	V
7	5.46998	33.54	RMS	34.5	-21.3	.1	46.84	-	-	-	-	308	106	V
8	5.4699	34.15	RMS	34.5	-21.3	.1	47.45	-	-	-	-	308	106	V

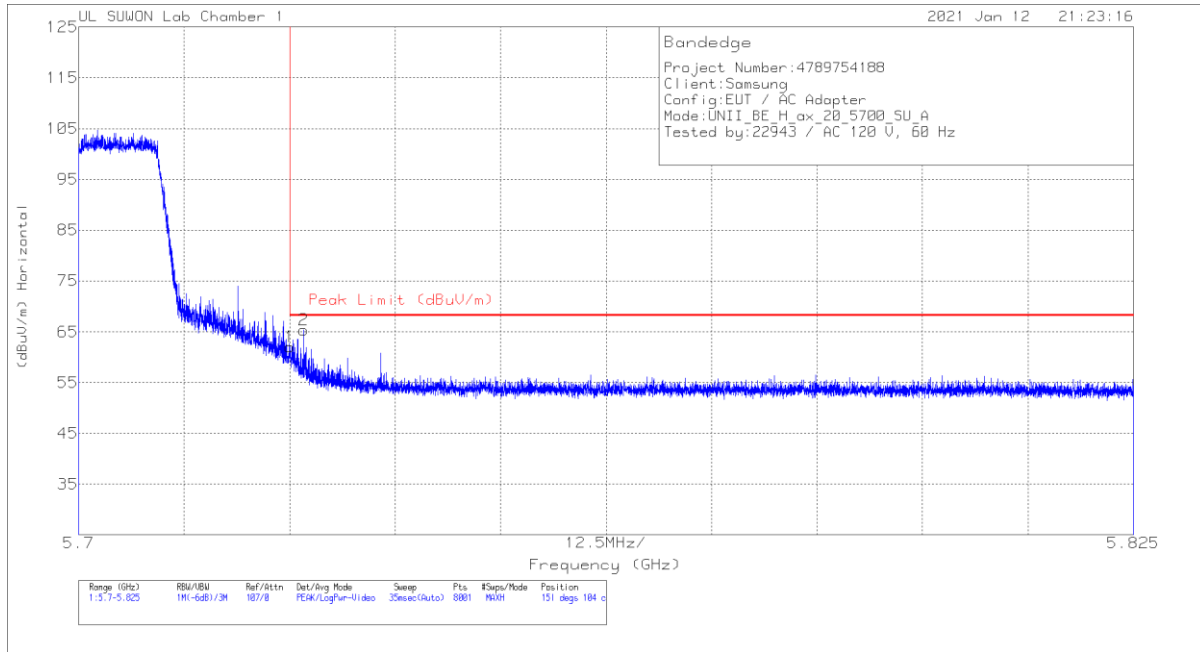
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**AUTHORIZED BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL PEAK DATA**

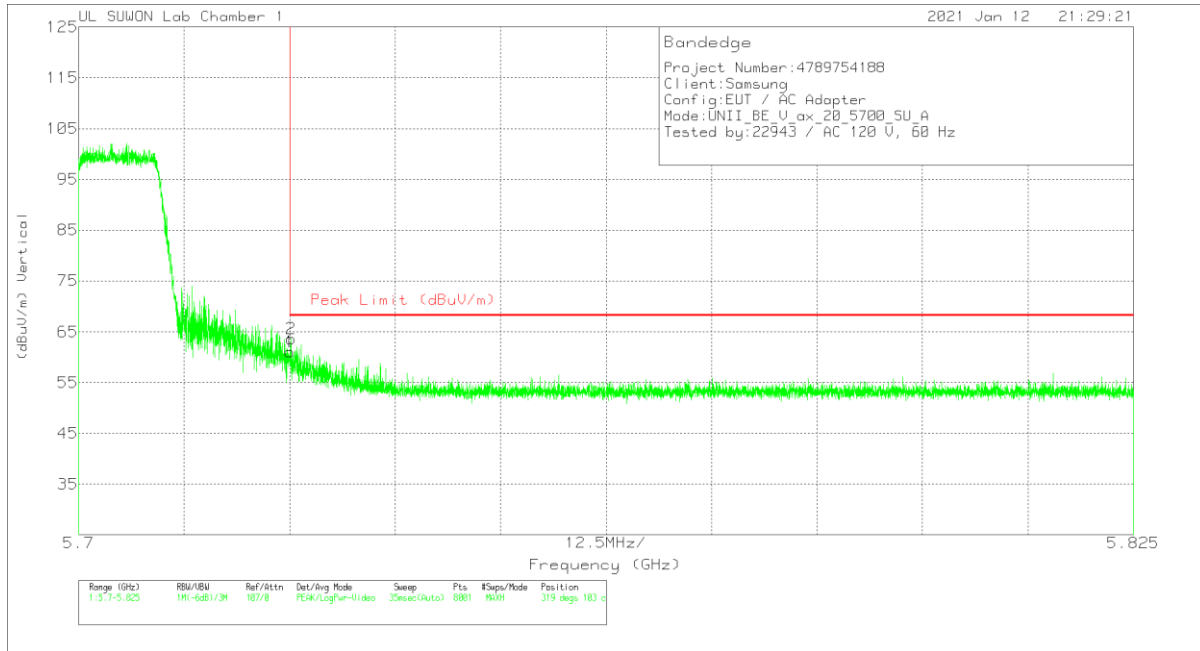


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	47.99	Pk	34.9	-20.9	0	61.99	68.2	-6.21	151	104	H
2	5.72664	51.61	Pk	34.9	-21.1	0	65.41	68.2	-2.79	151	104	H

Pk - Peak detector

**VERTICAL PEAK AND AVERAGE DATA**



**Trace Markers**

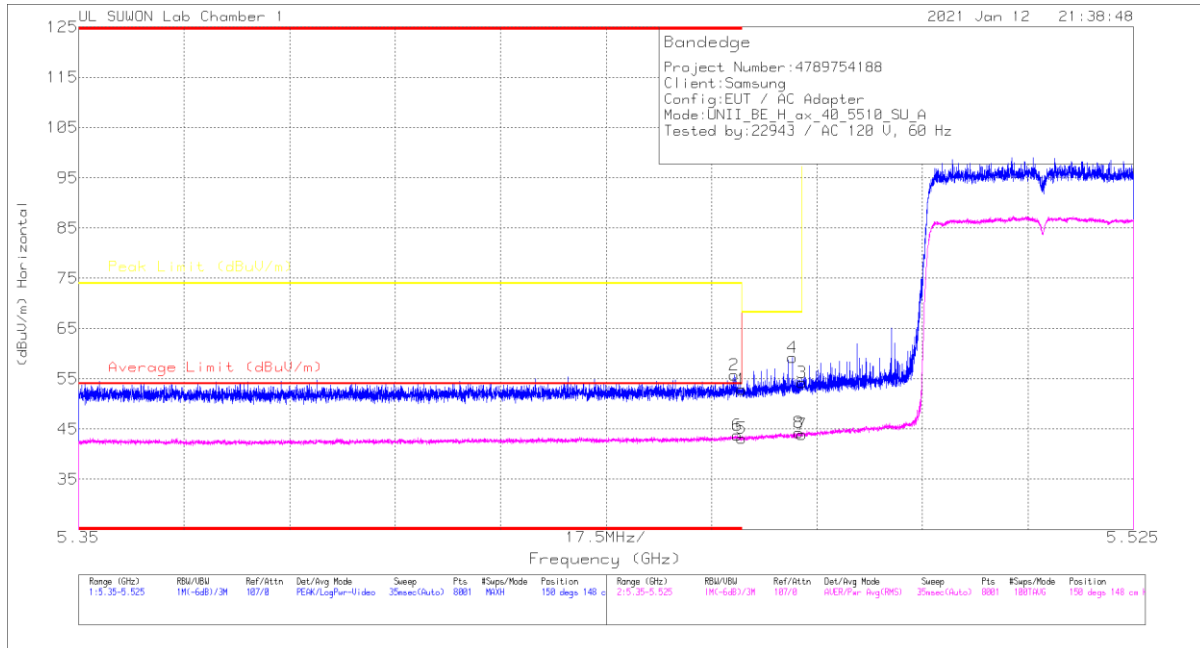
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	47.07	Pk	34.9	-20.9	0	61.07	68.2	-7.13	319	103	V
2	5.72514	49.61	Pk	34.9	-20.9	0	63.61	68.2	-4.59	319	103	V

Pk - Peak detector

### 11.3.6. TX ABOVE 1GHz 802.11ax HE40(SU) 2Tx MODE IN 5.5GHz BAND

#### RESTRICTED BANDEDGE (LOW CHANNEL)

#### HORIZONTAL PEAK AND AVERAGE DATA



#### Trace Markers

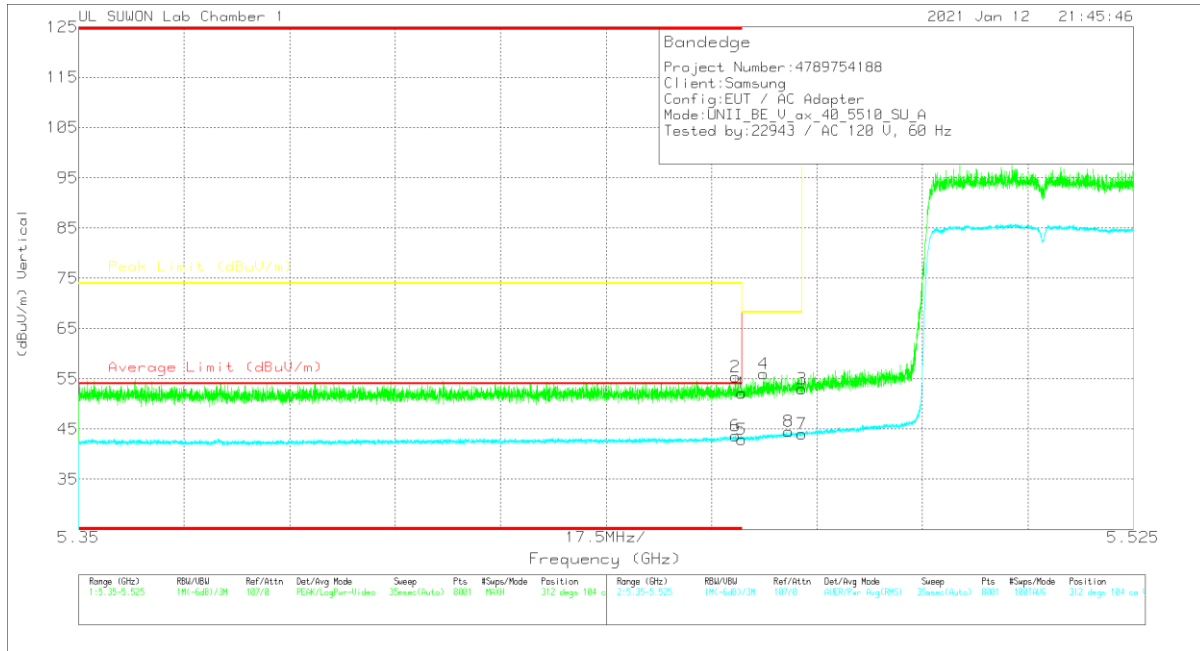
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	39.65	Pk	34.5	-21.3	0	52.85	-	-	74	-21.15	150	148	H
2	* 5.45872	42.58	Pk	34.5	-21.3	0	55.78	-	-	74	-18.22	150	148	H
3	5.46998	41.04	Pk	34.5	-21.3	0	54.24	-	-	68.2	-13.96	150	148	H
4	5.46845	46.05	Pk	34.5	-21.3	0	59.25	-	-	68.2	-8.95	150	148	H
5	* 5.45999	29.9	RMS	34.5	-21.3	.1	43.2	54	-10.8	-	-	150	148	H
6	* 5.45927	30.52	RMS	34.5	-21.3	.1	43.82	54	-10.18	-	-	150	148	H
7	5.46998	30.58	RMS	34.5	-21.3	.1	43.88	-	-	-	-	150	148	H
8	5.4695	31.09	RMS	34.5	-21.4	.1	44.29	-	-	-	-	150	148	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	3117_00168717	10dB_ATT[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	* 5.45999	38.9	Pk	34.5	-21.3	0	52.1	-	-	74	-21.9	312	104	V
2	* 5.45896	42.19	Pk	34.5	-21.3	0	55.39	-	-	74	-18.61	312	104	V
3	5.46998	39.81	Pk	34.5	-21.3	0	53.01	-	-	68.2	-15.19	312	104	V
4	5.46362	42.75	Pk	34.5	-21.3	0	55.95	-	-	68.2	-12.25	312	104	V
5	* 5.45999	29.57	RMS	34.5	-21.3	.1	42.87	54	-11.13	-	-	312	104	V
6	* 5.45892	30.35	RMS	34.5	-21.3	.1	43.65	54	-10.35	-	-	312	104	V
7	5.46998	30.72	RMS	34.5	-21.3	.1	44.02	-	-	-	-	312	104	V
8	5.4678	31.18	RMS	34.5	-21.3	.1	44.48	-	-	-	-	312	104	V

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

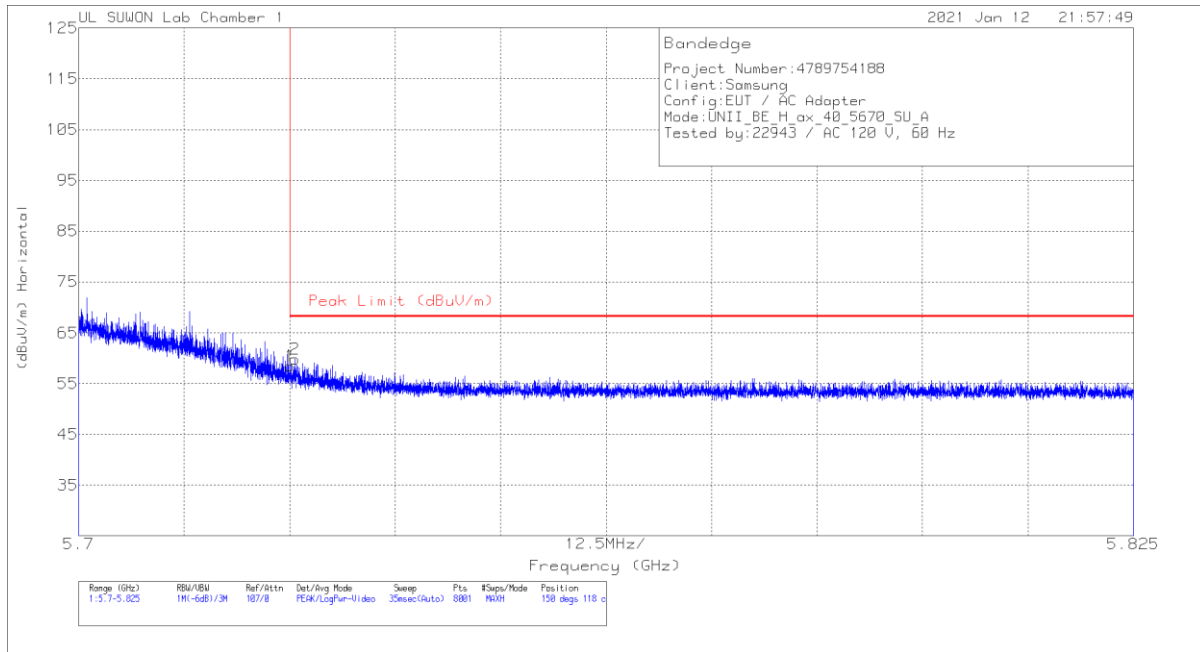
Pk - Peak detector

RMS - RMS detection



**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE DATA**

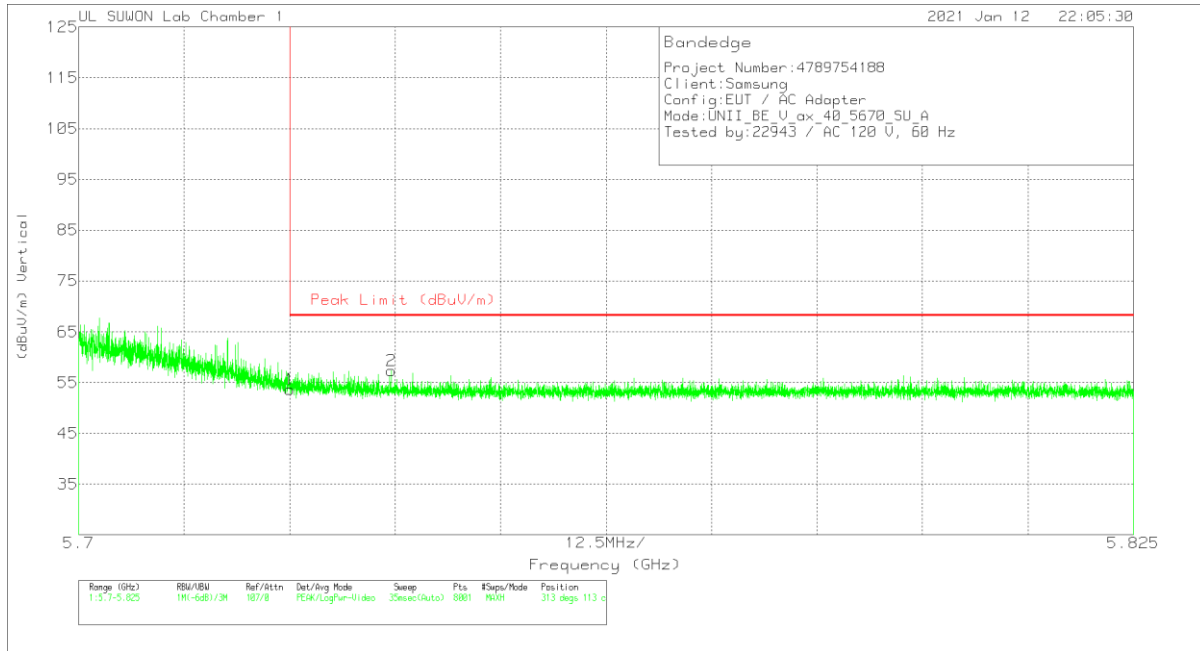


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	44.48	Pk	34.9	-20.9	0	58.48	68.2	-9.72	150	118	H
2	5.72561	45.89	Pk	34.9	-21	0	59.79	68.2	-8.41	150	118	H

Pk - Peak detector

**VERTICAL PEAK AND AVERAGE DATA**



**Trace Markers**

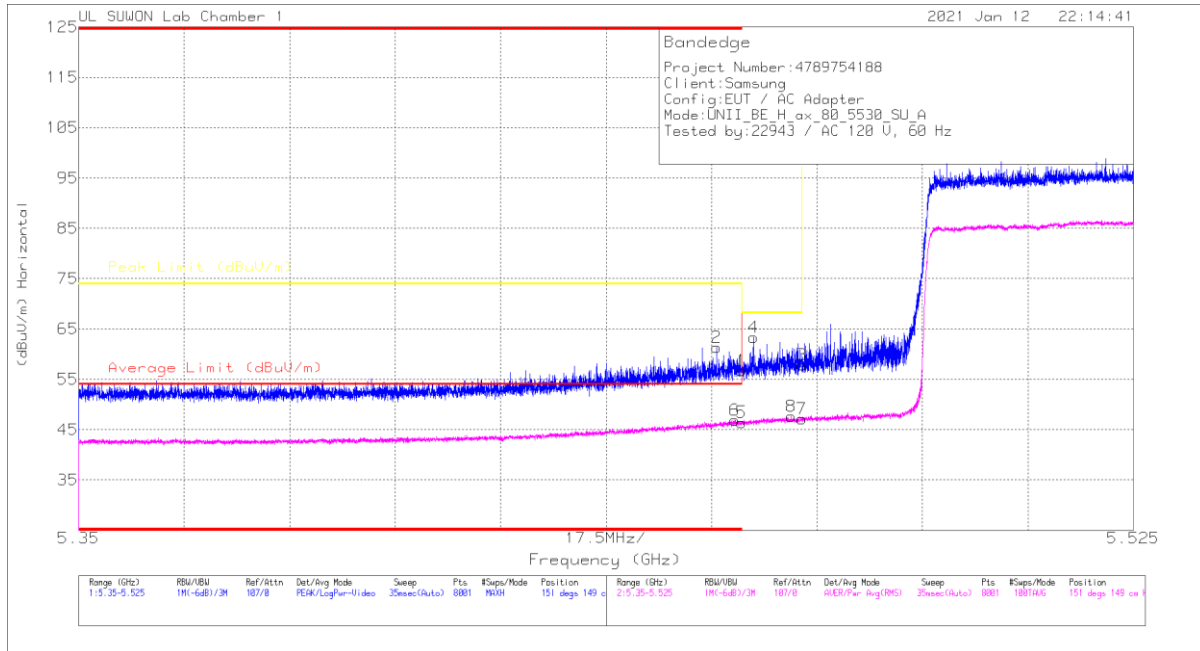
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	39.7	Pk	34.9	-20.9	0	53.7	68.2	-14.5	313	113	V
2	5.73706	43.36	Pk	34.9	-20.9	0	57.36	68.2	-10.84	313	113	V

Pk - Peak detector

### 11.3.7. TX ABOVE 1GHz 802.11ax HE80(SU) 2Tx MODE IN 5.5GHz BAND

#### RESTRICTED BANDEDGE (LOW CHANNEL)

#### HORIZONTAL PEAK AND AVERAGE DATA



#### Trace Markers

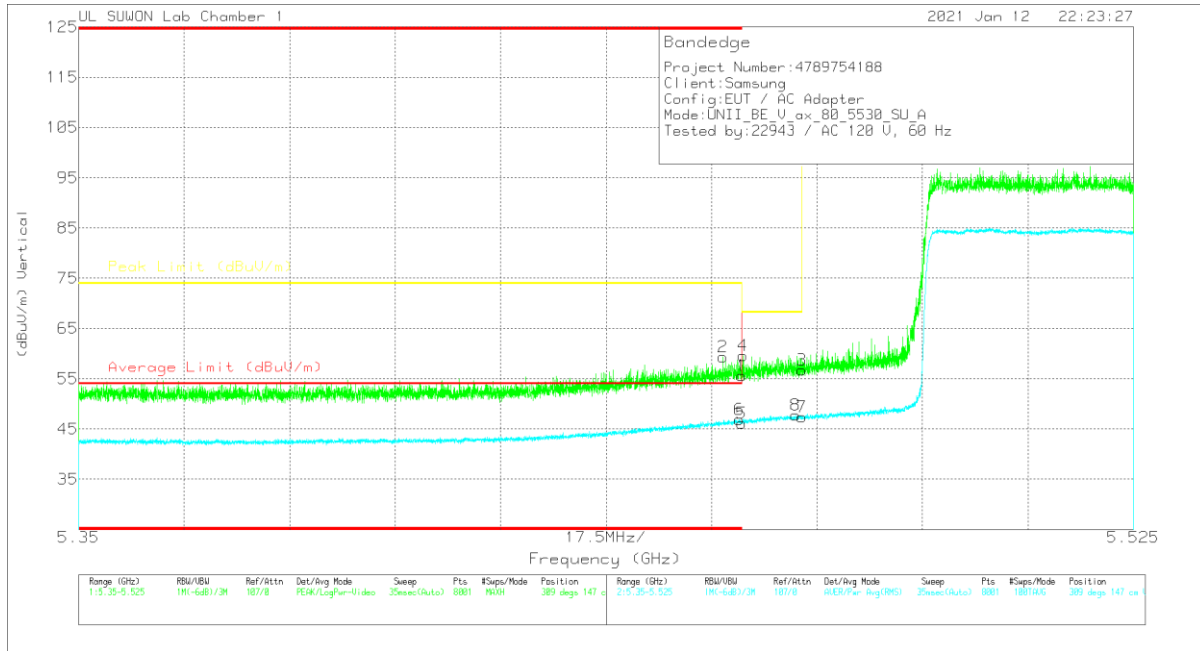
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	43.49	Pk	34.5	-21.3	0	56.89	-	-	74	-17.31	151	149	H
2	* 5.45583	48.37	Pk	34.5	-21.5	0	61.37	-	-	74	-12.63	151	149	H
3	5.46998	44.62	Pk	34.5	-21.3	0	57.82	-	-	68.2	-10.38	151	149	H
4	5.46193	50.25	Pk	34.5	-21.4	0	63.35	-	-	68.2	-4.85	151	149	H
5	* 5.45999	33.15	RMS	34.5	-21.3	.1	46.45	54	-7.55	-	-	151	149	H
6	* 5.45883	33.63	RMS	34.5	-21.3	.1	46.93	54	-7.07	-	-	151	149	H
7	5.46998	33.84	RMS	34.5	-21.3	.1	47.14	-	-	-	-	151	149	H
8	5.46823	34.38	RMS	34.5	-21.3	.1	47.68	-	-	-	-	151	149	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 (dBu)	Det	3117_00168717	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	42.41	Pk		-21.3	0	55.61	-	-	74	-18.39	309	147	V
2	* 5.45688	46.28	Pk		-21.4	0	59.38	-	-	74	-14.62	309	147	V
3	5.46998	43.55	Pk		-21.3	0	56.75	-	-	68.2	-11.45	309	147	V
4	5.46023	46.51	Pk		-21.4	0	59.61	-	-	68.2	-8.59	309	147	V
5	* 5.45999	32.85	RMS		-21.3	.1	46.15	54	-7.85	-	-	309	147	V
6	* 5.45957	33.56	RMS		-21.3	.1	46.86	54	-7.14	-	-	309	147	V
7	5.46998	34.06	RMS		-21.3	.1	47.36	-	-	-	-	309	147	V
8	5.46893	34.6	RMS		-21.4	.1	47.8	-	-	-	-	309	147	V

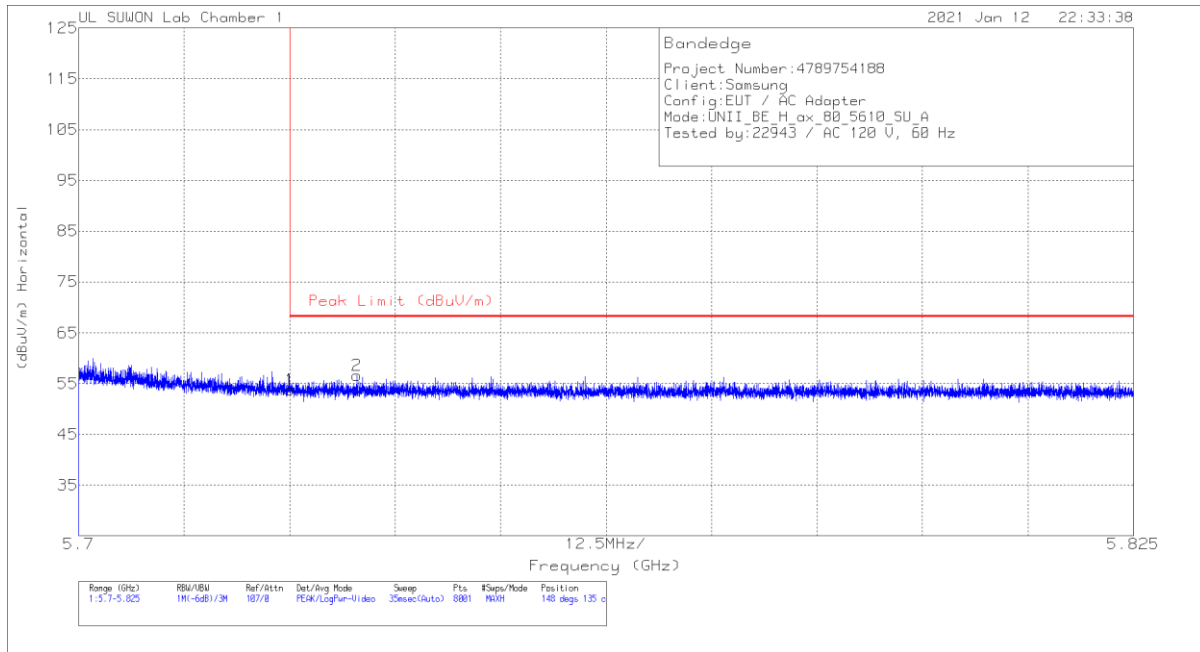
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE DATA**

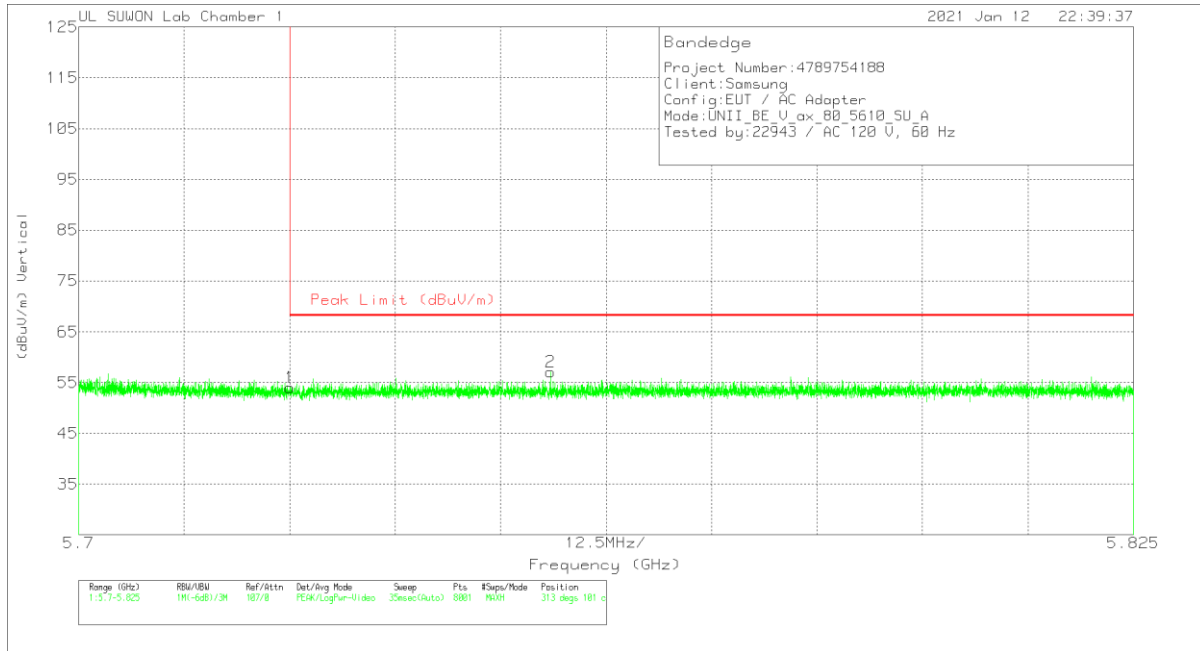


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	39.82	Pk	34.9	-20.9	0	53.82	68.2	-14.38	148	135	H
2	5.73294	42.67	Pk	34.9	-21	0	56.57	68.2	-11.63	148	135	H

Pk - Peak detector

**VERTICAL PEAK AND AVERAGE DATA**



**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	40.02	Pk	34.9	-20.9	0	54.02	68.2	-14.18	313	101	V
2	5.75589	43.17	Pk	34.9	-21	0	57.07	68.2	-11.13	313	101	V

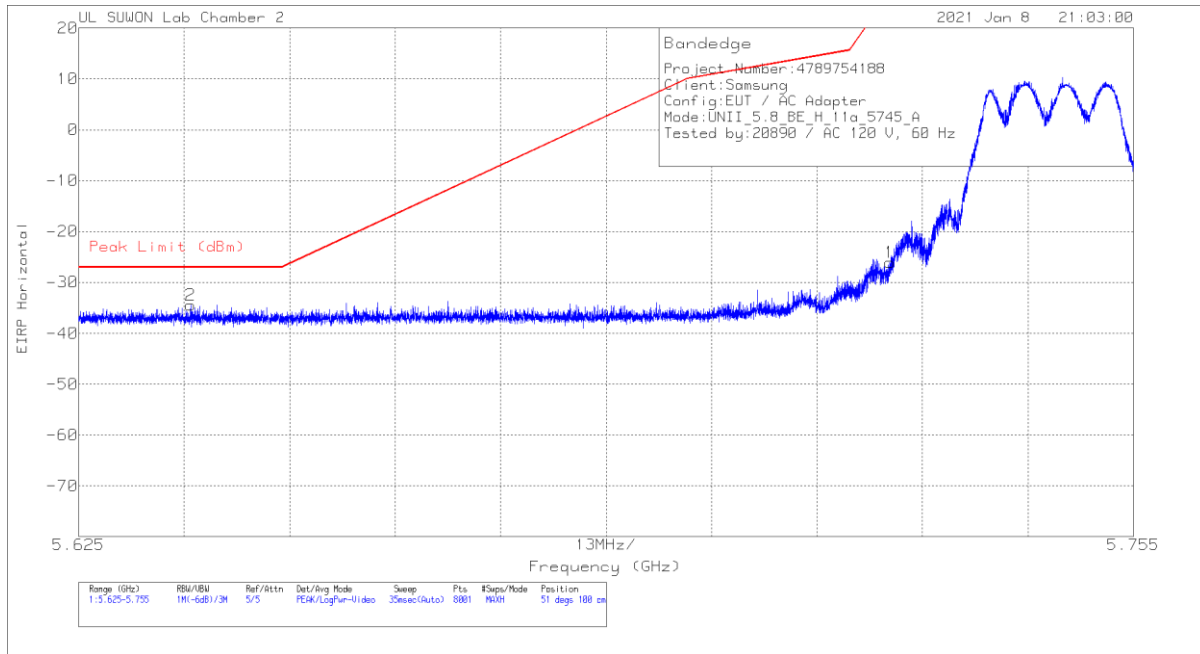
Pk - Peak detector

## 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

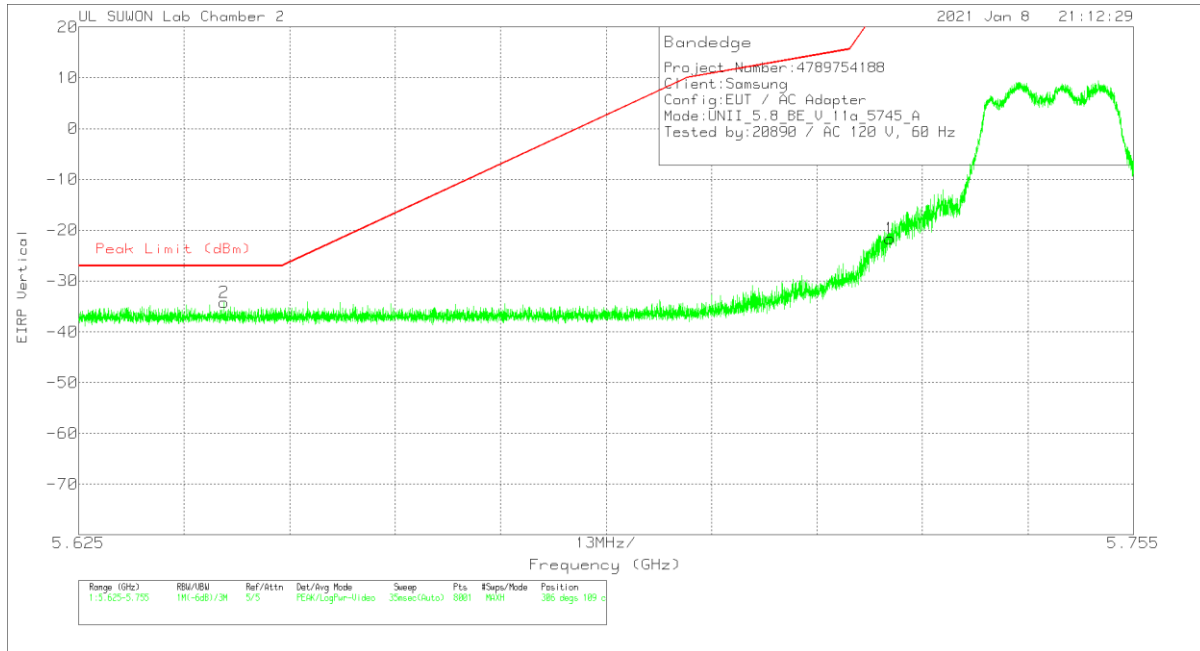


#### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168724	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	-55.48	Pk	34.7	-17.1	11.8	0	-26.08	26.97	-53.05	51	100	H
2	5.63878	-63.67	Pk	34.6	-17.2	11.8	0	-34.47	-27	-7.47	51	100	H

Pk - Peak detector

**VERTICAL PEAK DATA**



**Trace Markers**

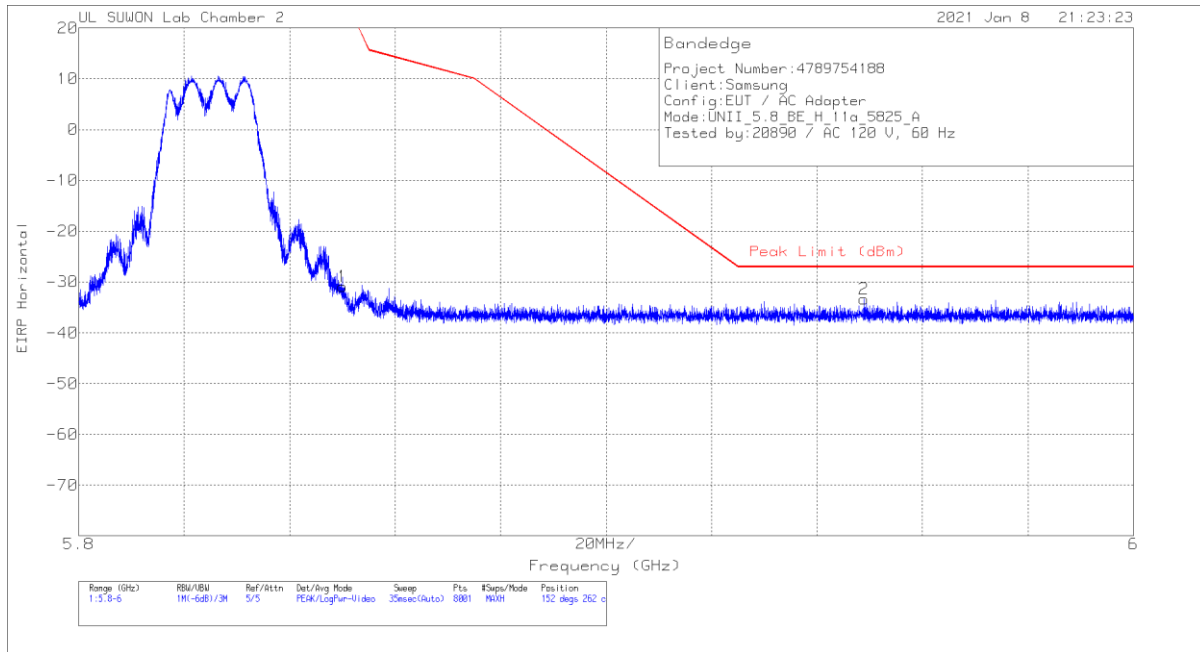
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168724	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72499	-51.05	Pk	34.7	-17.1	11.8	0	-21.65	26.97	-48.62	306	109	V
2	5.64292	-63.34	Pk	34.6	-17.3	11.8	0	-34.24	-27	-7.24	306	109	V

Pk - Peak detector



**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL PEAK DATA**

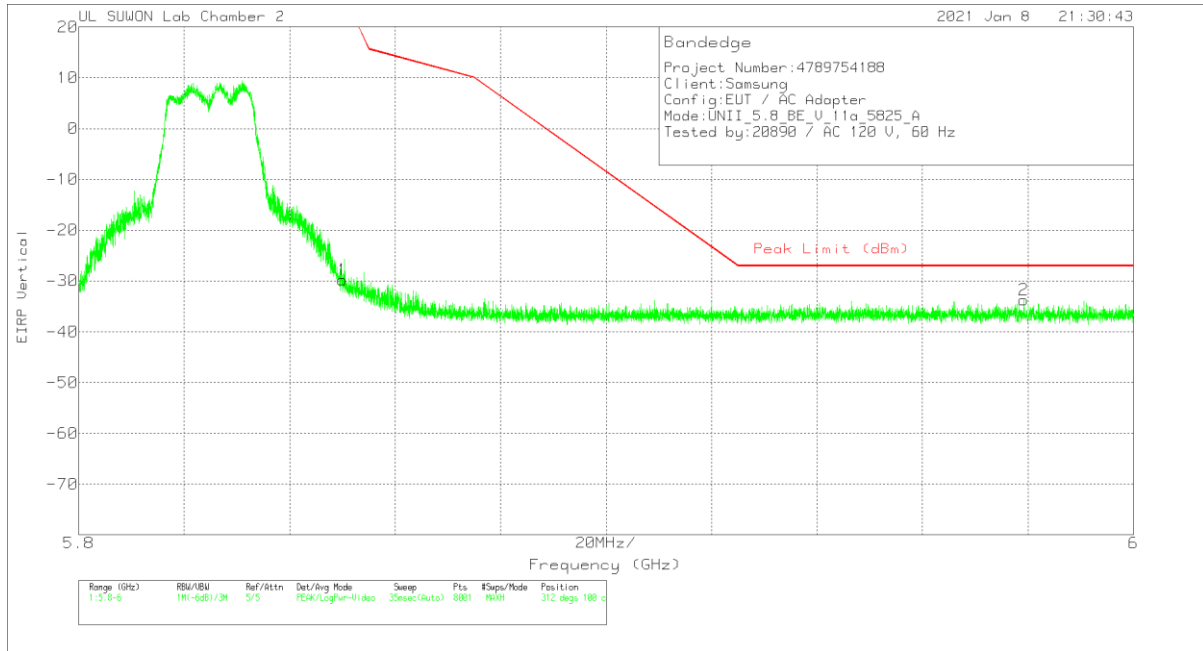


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168724	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	-60.66	Pk	34.9	-16.9	11.8	0	-30.86	26.94	-57.8	152	262	H
2	5.94895	-63.5	Pk	35.1	-16.8	11.8	0	-33.4	-27	-6.4	152	262	H

Pk - Peak detector

**VERTICAL PEAK DATA**



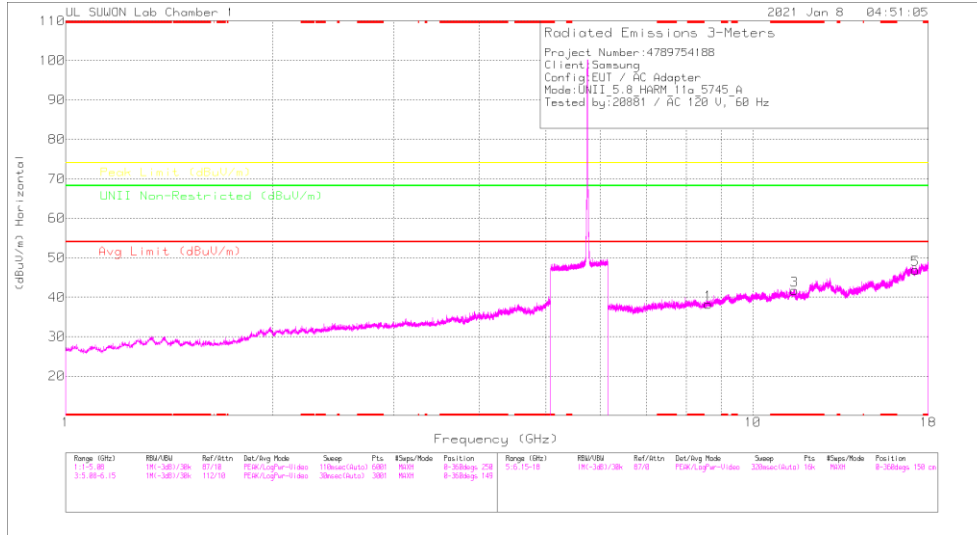
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168724	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	-59.59	Pk	34.9	-16.9	11.8	0	-29.79	26.94	-56.73	312	100	V
2	5.9792	-63.91	Pk	35.1	-16.7	11.8	0	-33.71	-27	-6.71	312	100	V

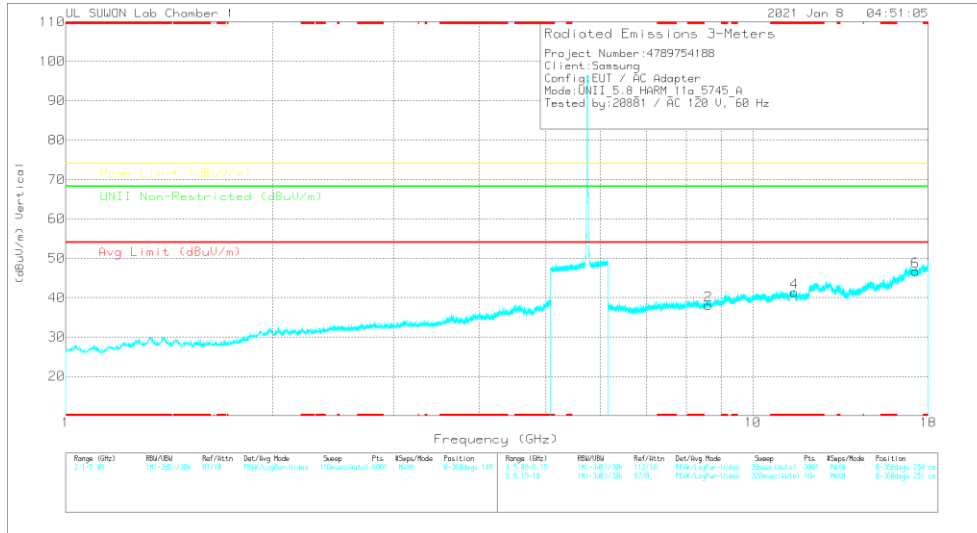
Pk - Peak detector

**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.

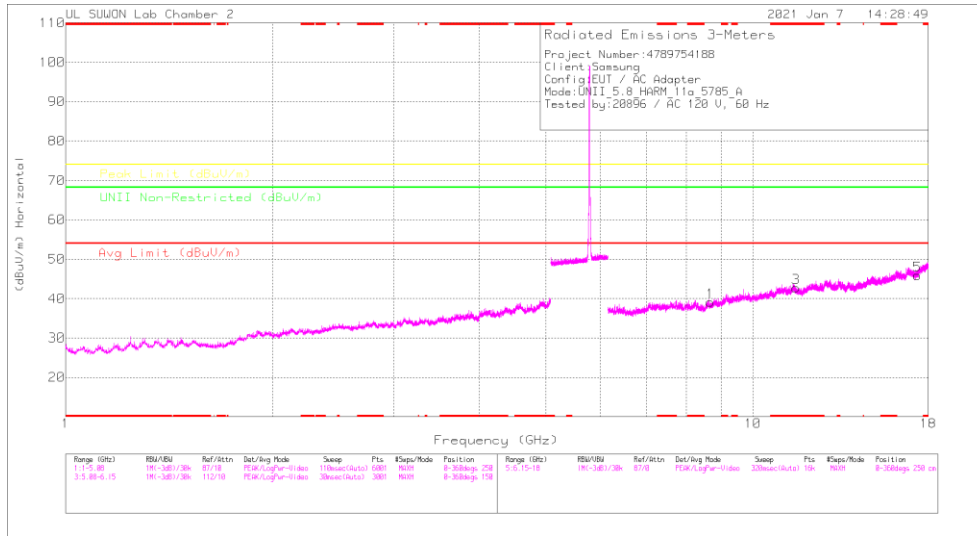
**LOW CHANNEL DATA**

**Radiated Emissions**

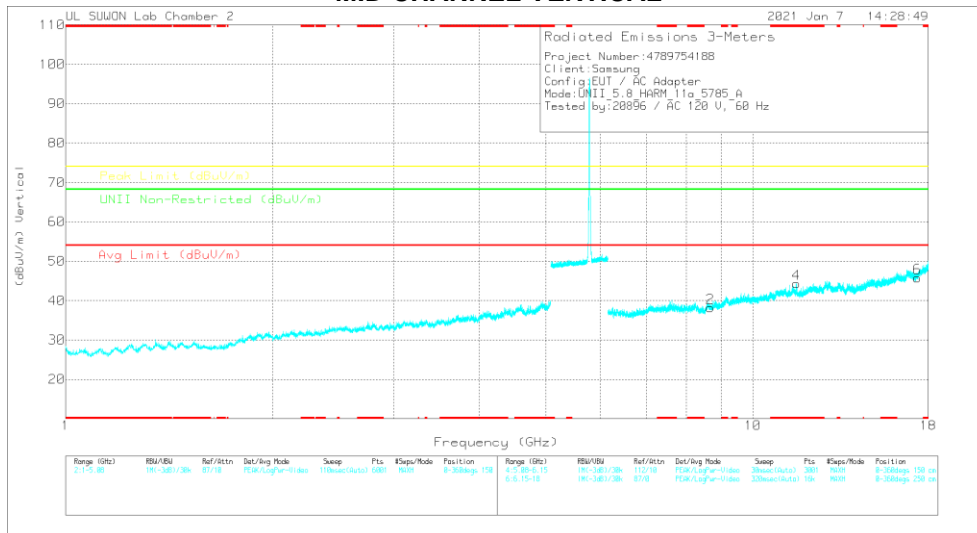
Frequency (GHz)	Meas Reading (dBuV)	Det	317_00168717	6GHz_H[PdB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (m)	Polarity
8.61736	37.4	PK-U	36.3	-24.5	0	49.2	-	-	-	-	68.2	-19	360	100	H
8.61926	37.00	PK-U	36.3	-24.5	0	48.99	-	-	-	-	68.2	-18.31	360	100	V
*11.489	36.86	PK-U	36.4	-22.2	0	53.06	-	-	74	-20.94	-	-	360	100	H
*11.48831	36.41	PK-U	36.4	-22.2	0	52.61	-	-	74	-21.39	-	-	360	100	V
17.22923	34.38	PK-U	41.3	-17.6	0	58.08	-	-	-	-	68.2	-10.12	360	100	H
17.23025	34.31	PK-U	41.3	-17.6	0	58.01	-	-	-	-	68.2	-10.19	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**

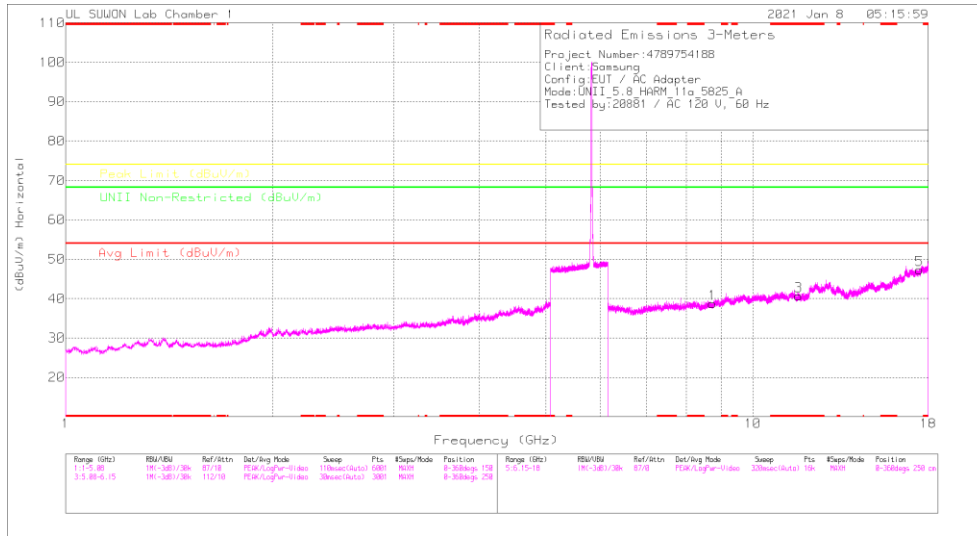
Frequency (GHz)	Main Reading (dBuV)	Det	317_00168724	6GHz_HF[IS]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (m)	Polarity
8.67337	34.63	PKU	36.2	-21.9	0	48.93	-	-	-	-	68.2	-19.27	0	100	H
8.67132	35.21	PKU	36.2	-21.8	0	49.61	-	-	-	-	68.2	-18.59	0	100	V
* 11.56812	34.71	PKU	38.3	-19.3	0	53.71	-	-	74	-20.29	-	-	52	100	H
* 11.56792	23.1	ADR	38.3	-19.3	.11	42.21	54	-11.79	-	-	-	-	52	100	H
* 11.56705	38.47	PKU	38.3	-19.3	0	57.47	0	57.47	74	-16.53	-	-	214	115	V
* 11.5676	26.04	ADR	38.3	-19.3	.11	45.15	54	-8.85	-	-	-	-	214	115	V
17.35417	34.56	PKU	41	-18.3	0	57.26	-	-	-	-	68.2	-10.94	0	100	H
17.354	34.35	PKU	41	-18.3	0	57.05	-	-	-	-	68.2	-11.16	0	100	V

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

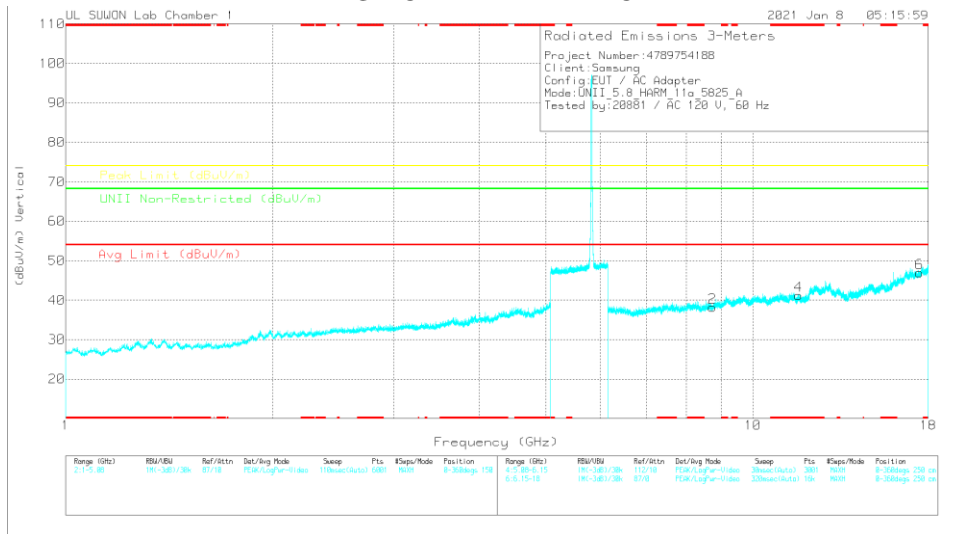
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### HIGH CHANNEL HORIZONTAL



### HIGH CHANNEL VERTICAL



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

### HIGH CHANNEL DATA

#### Radiated Emissions

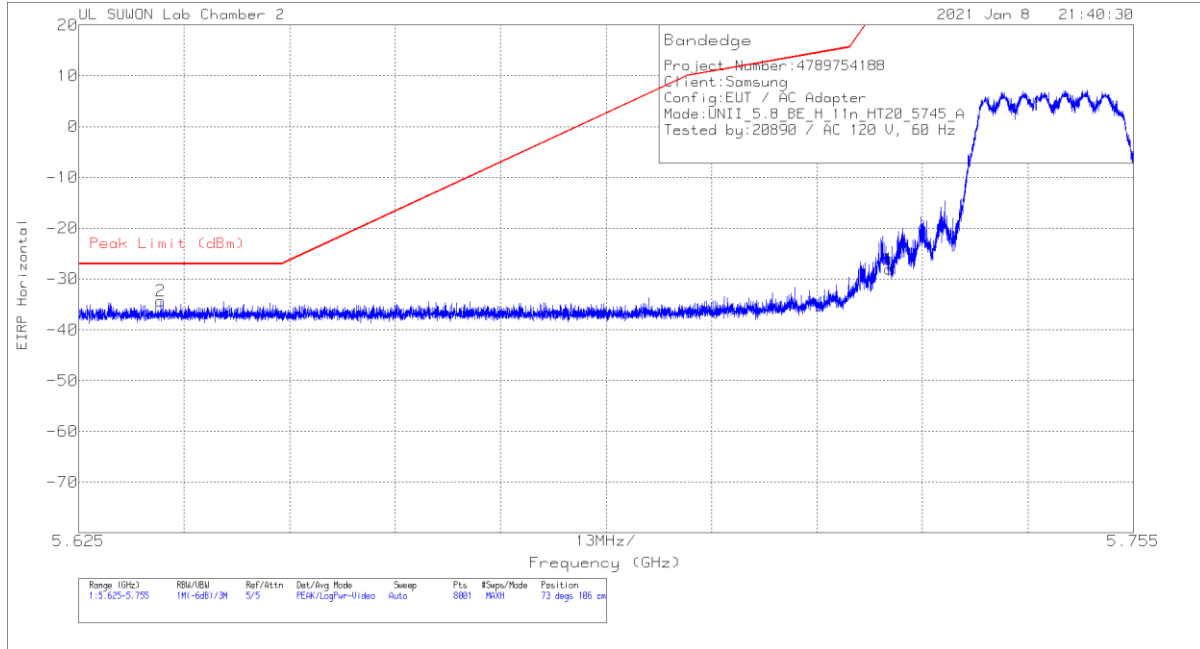
Frequency (GHz)	Max Reading (dBuV)	Det	317_00168717	6GHz_HPSSE	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (m)	Polarity
8.73595	37.89	PK-U	36.4	-25.4	0	46.89	-	-	-	-	68.2	-19.31	360	100	H
8.73616	38.34	PK-U	36.4	-25.4	0	49.34	-	-	-	-	68.2	-18.86	360	100	V
* 11.64827	36.17	PK-U	38.3	-21.8	0	52.67	-	74	-	-21.33	-	-	360	100	H
* 11.64923	37.85	PK-U	38.3	-21.8	0	54.35	-	-	74	-19.65	-	-	360	100	V
17.47382	34.98	PK-U	41.2	-17.4	0	58.78	-	-	-	-	68.2	-9.42	360	100	H
17.47521	35.25	PK-U	41.2	-17.3	0	59.15	-	-	-	-	68.2	-9.05	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

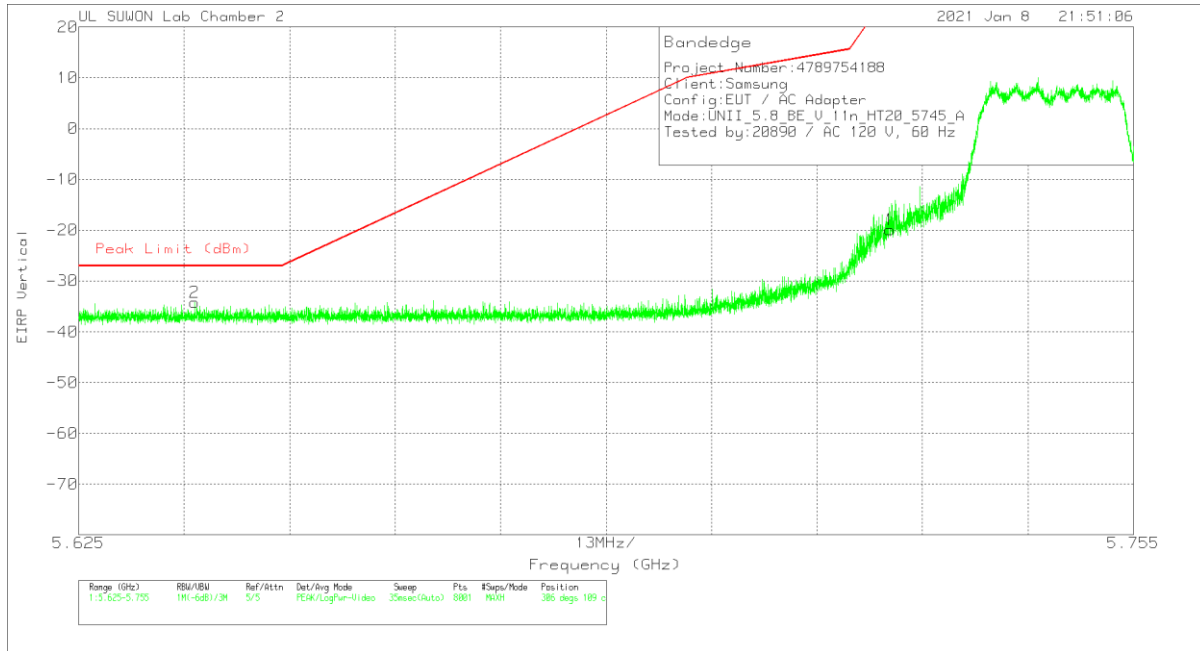


#### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168724	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	-57.5	Pk		-17.1	11.8	0	-28.1	26.97	-55.07	73	106	H
2	5.63511	-63.53	Pk		-17.2	11.8	0	-34.33	-27	-7.33	73	106	H

Pk - Peak detector

**VERTICAL PEAK DATA**



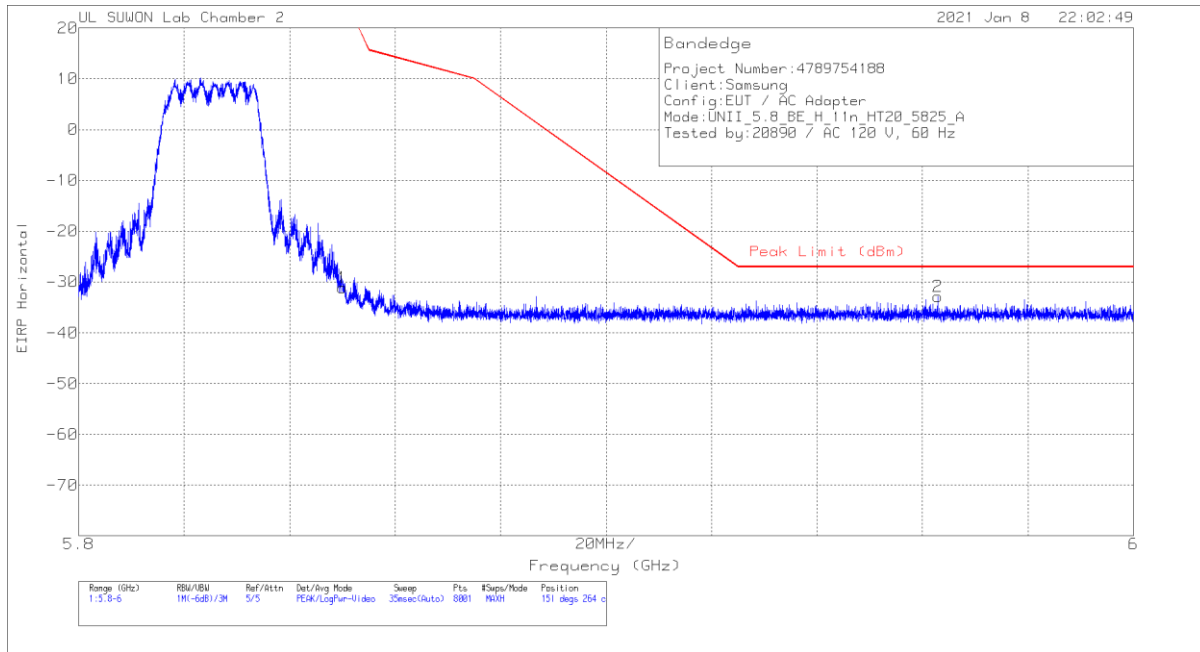
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168724	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	-49.26	Pk	34.7	-17.1	11.8	0	-19.86	26.97	-46.83	306	109	V
2	5.6393	-63.36	Pk	34.6	-17.2	11.8	0	-34.16	-27	-7.16	306	109	V

Pk - Peak detector

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL PEAK DATA**



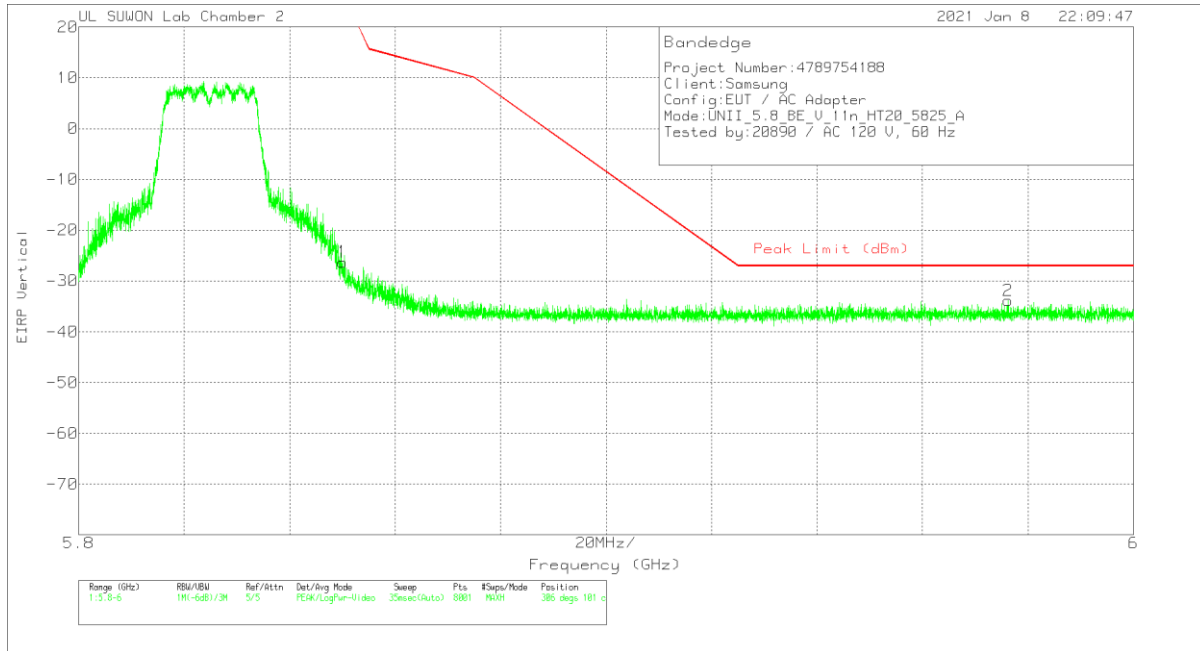
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168724	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	-60.92	Pk	34.9	-16.9	11.8	0	-31.12	26.94	-58.06	151	264	H
2	5.96288	-62.95	Pk	35.1	-16.8	11.8	0	-32.85	-27	-5.85	151	264	H

Pk - Peak detector



**VERTICAL PEAK DATA**



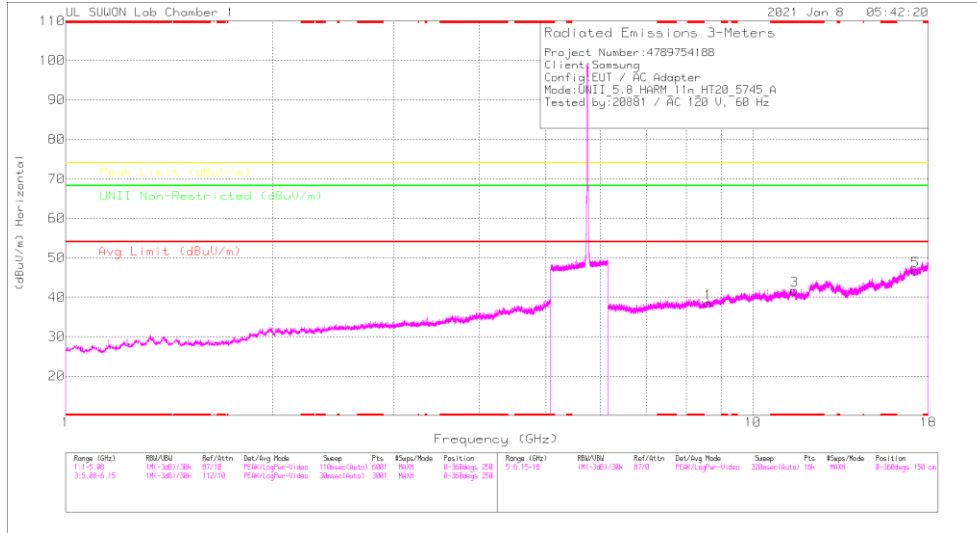
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168724	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	-56.06	Pk		-16.9	11.8	0	-26.26	26.94	-53.2	306	101	V
2	5.97623	-63.93	Pk		-16.8	11.8	0	-33.83	-27	-6.83	306	101	V

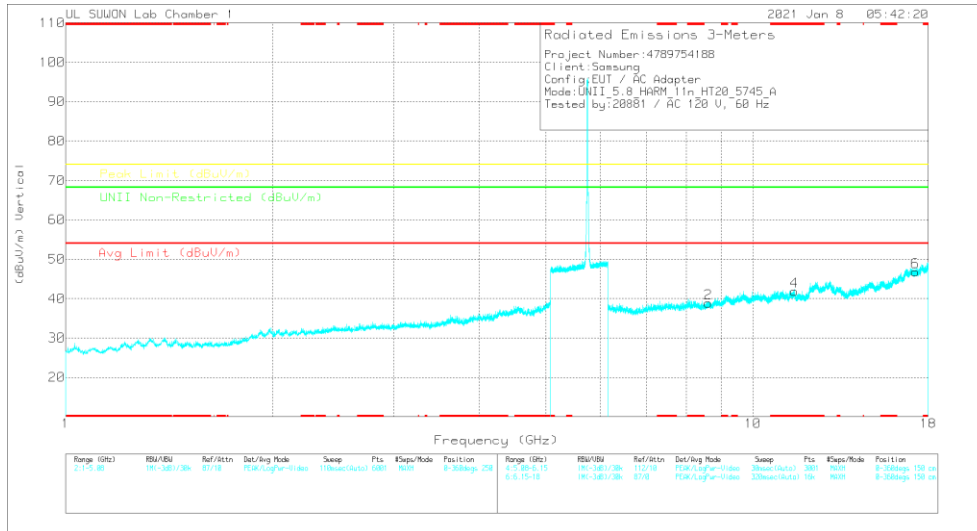
Pk - Peak detector

**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.

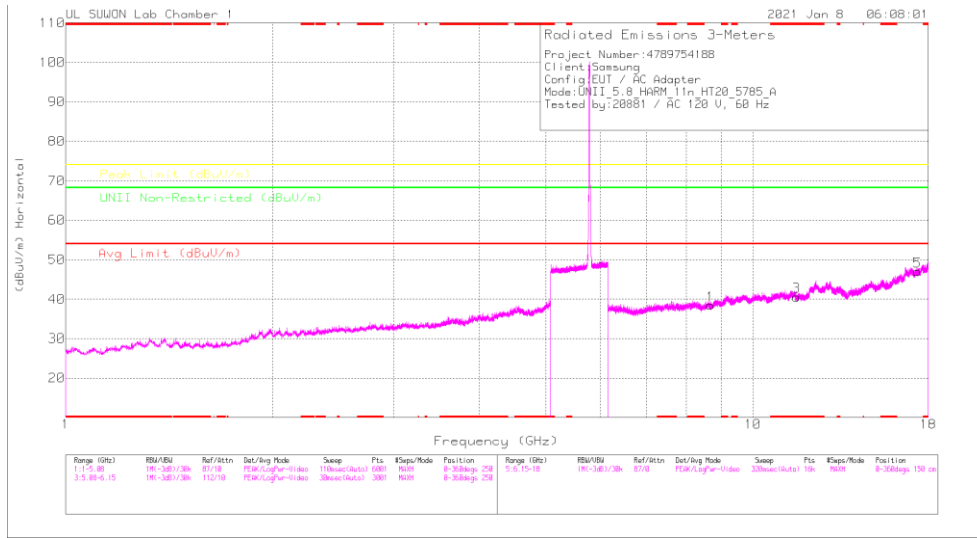
**LOW CHANNEL DATA**

**Radiated Emissions**

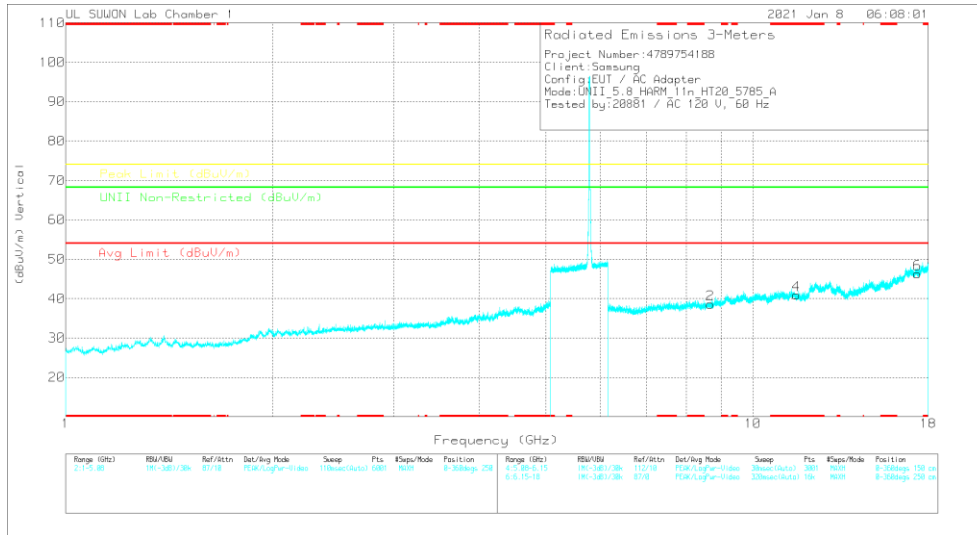
Frequency (GHz)	Max Reading (dBuV)	Det	2197_20160717	ISHL_HF(dB)	DC Cou (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Deg)	Height (cm)	Polarity
8.61735	37.85	PK-U	36.3	-24.5	0	49.65	-	-	-	-	68.2	-18.55	360	100	H
8.61776	37.14	PK-U	36.3	-24.5	0	48.94	-	-	-	-	68.2	-19.26	360	100	V
*11.48828	36.92	PK-U	38.4	-22.2	0	53.12	-	-	74	-20.88	-	-	360	100	H
*11.48876	36.44	PK-U	38.4	-22.2	0	52.64	-	-	74	-21.36	-	-	360	100	V
17.23385	34.16	PK-U	41.3	-17.5	0	57.96	-	-	-	-	68.2	-10.24	360	100	H
17.23463	34.34	PK-U	41.3	-17.5	0	58.14	-	-	-	-	68.2	-10.06	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

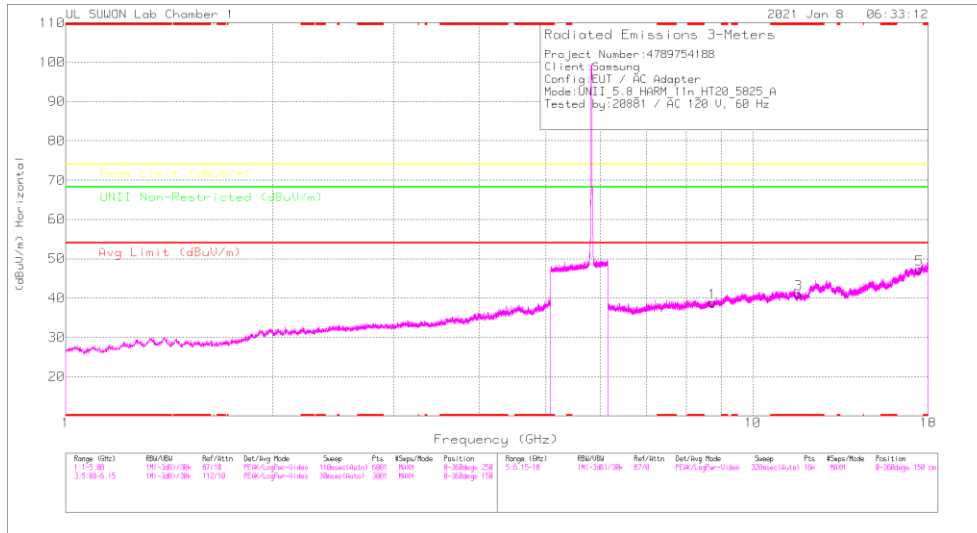
Radiated Emissions

Frequency (GHz)	Meas Reading (dBuV)	Det	317_00168717	6GHz_HPSdB	DC Corr (dB)	Corrected Reading (dBuV)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (m)	Polarity
8.67472	38.15	PK-U	36.3	-25.1	0	49.35	-	-	-	-	68.2	-18.85	360	100	H
8.67666	37.94	PK-U	36.3	-25.1	0	49.14	-	-	-	-	68.2	-18.06	360	100	V
* 11.57137	37.11	PK-U	38.3	-22.2	0	53.21	-	74	-20.79	-	-	-	360	100	H
* 11.57116	37.34	PK-U	38.3	-22.2	0	53.44	-	74	-20.56	-	-	-	360	100	V
17.35374	34.66	PK-U	41.2	-17.6	0	56.26	-	-	-	-	68.2	-9.94	360	100	H
17.3567	34.36	PK-U	41.2	-17.6	0	57.86	-	-	-	-	68.2	-10.24	360	100	V

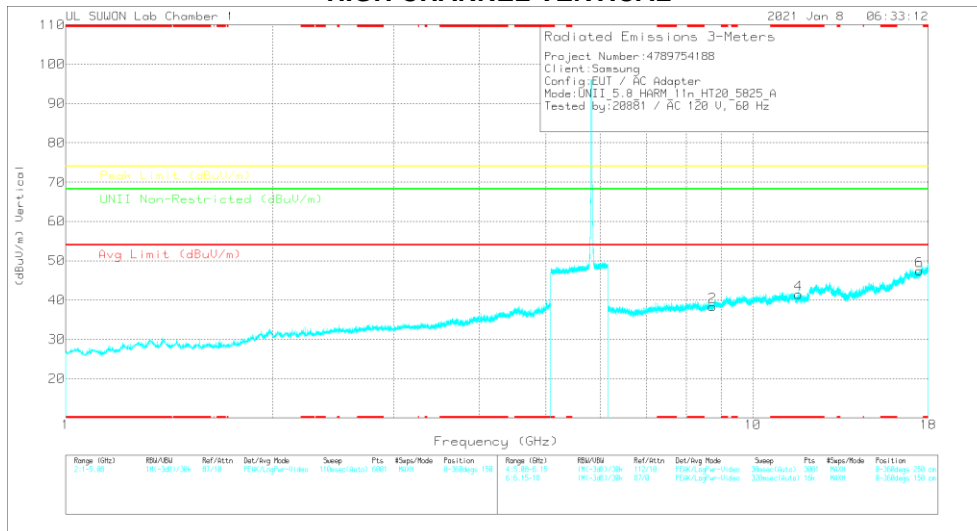
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

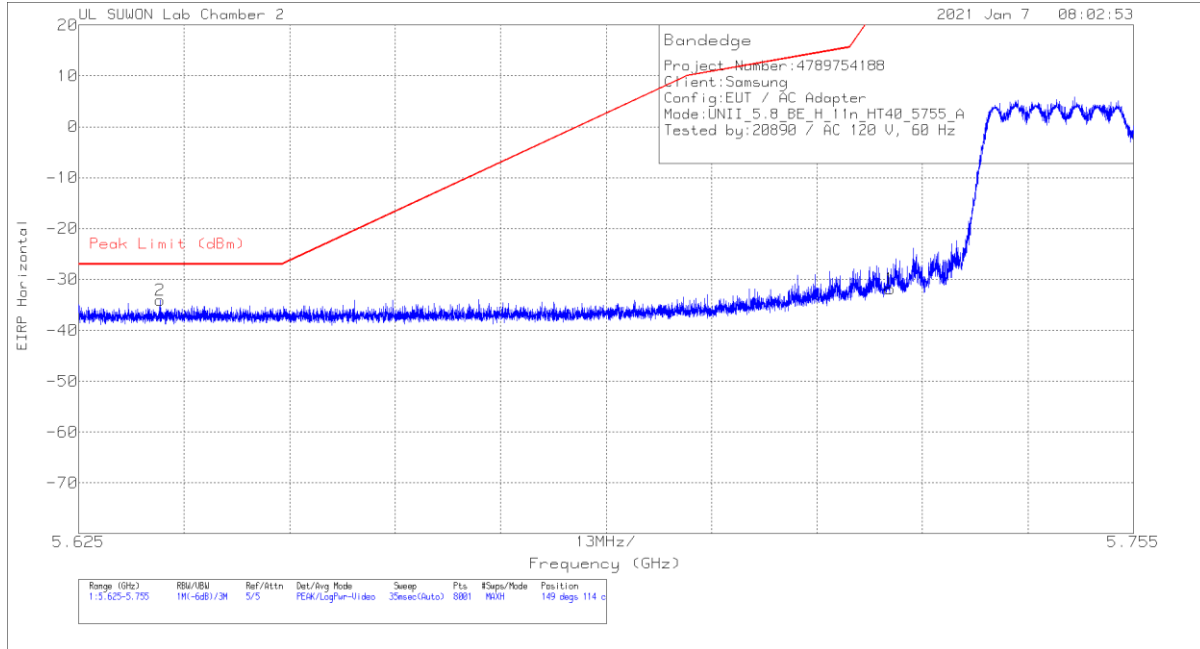
Frequency (GHz)	Max Reading (dBuV)	Det	317_00168717	6GHz_HPSIS	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (m)	Polarity
8.73714	38.21	PK-U	36.4	-25.4	0	49.21	-	-	-	-	68.2	-18.99	360	100	H
8.73684	38.26	PK-U	36.4	-25.4	0	49.26	-	-	-	-	68.2	-18.94	360	100	V
* 11.6511	36.55	PK-U	38.3	-21.8	0	53.05	-	-	74	-20.95	-	-	360	100	H
* 11.65167	37.24	PK-U	38.3	-21.8	0	53.74	-	-	74	-20.26	-	-	360	100	V
17.47441	35.2	PK-U	41.2	-17.4	0	59	-	-	-	-	68.2	-9.2	360	100	H
17.47673	34.66	PK-U	41.2	-17.5	0	58.36	-	-	-	-	68.2	-9.84	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

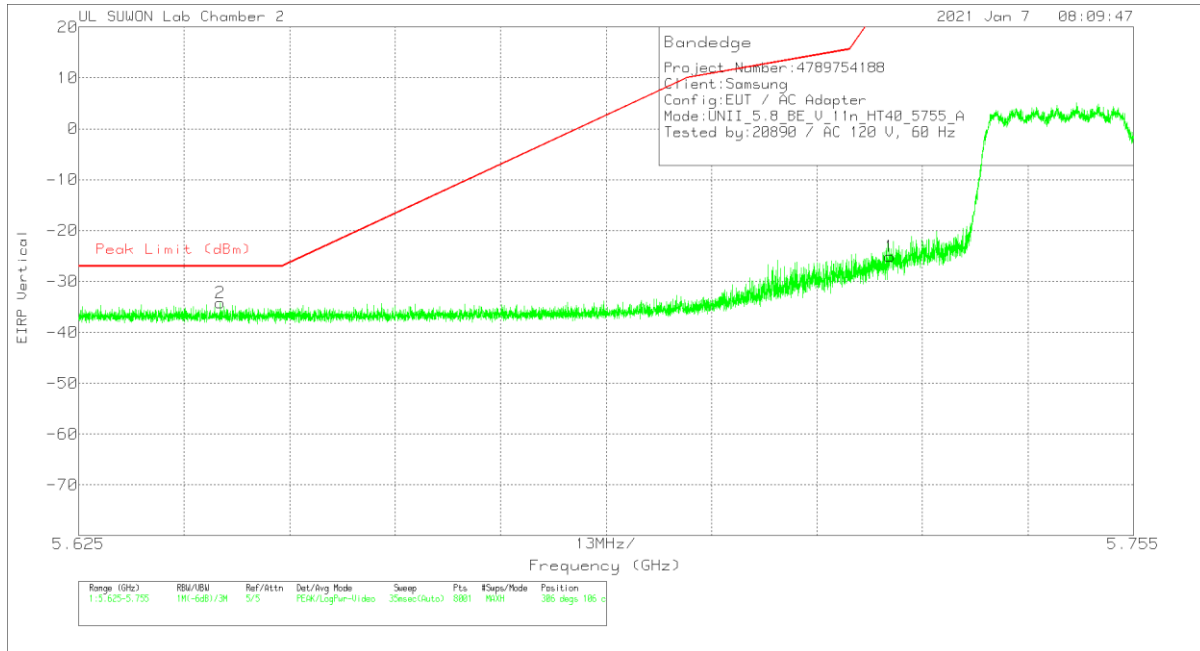


#### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168724	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	-61.26	Pk	34.7	-17.1	11.8	0	-31.86	26.97	-58.83	149	114	H
2	5.63501	-63.33	Pk	34.6	-17.2	11.8	0	-34.13	-27	-7.13	149	114	H

Pk - Peak detector

**VERTICAL PEAK DATA**



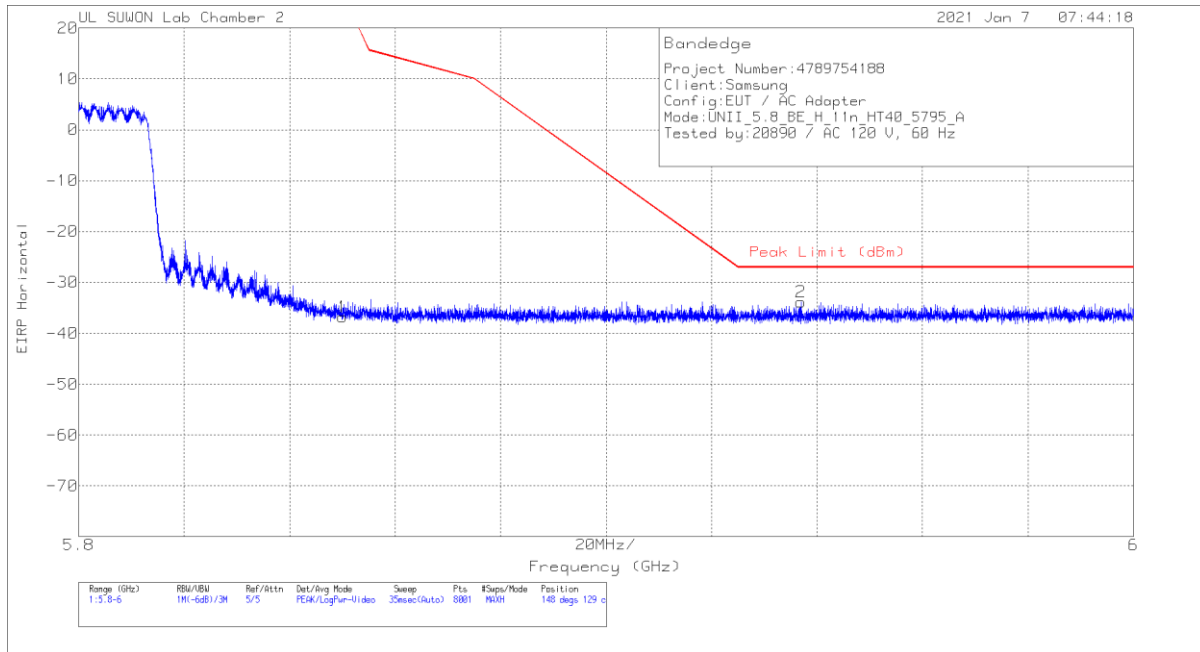
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168724	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	-54.54	Pk	34.7	-17.1	11.8	0	-25.14	26.97	-52.11	306	106	V
2	5.64249	-63.34	Pk	34.6	-17.3	11.8	0	-34.24	-27	-7.24	306	106	V

Pk - Peak detector

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL PEAK DATA**

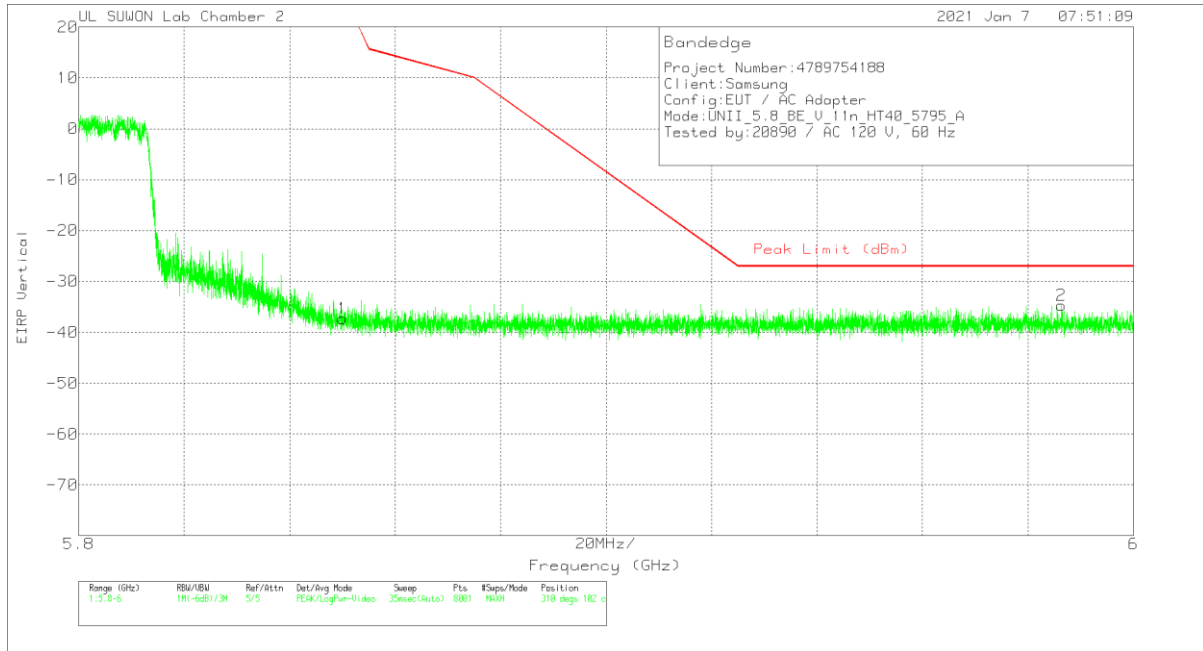


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168724	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	-66.62	Pk	34.9	-16.9	11.8	0	-36.82	26.94	-63.76	148	129	H
2	5.93695	-63.79	Pk	35.1	-16.9	11.8	0	-33.79	-27	-6.79	148	129	H

Pk - Peak detector

**VERTICAL PEAK DATA**



**Trace Markers**

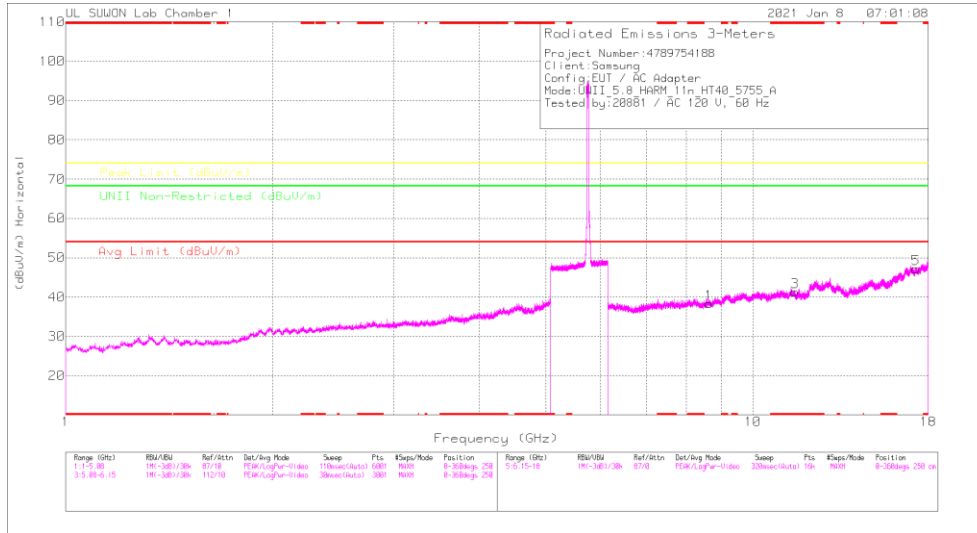
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168724	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85003	-67.08	Pk	34.9	-16.9	11.8	0	-37.28	26.94	-64.22	310	102	V
2	5.98635	-64.81	Pk	35.1	-16.8	11.8	0	-34.71	-27	-7.71	310	102	V

Pk - Peak detector

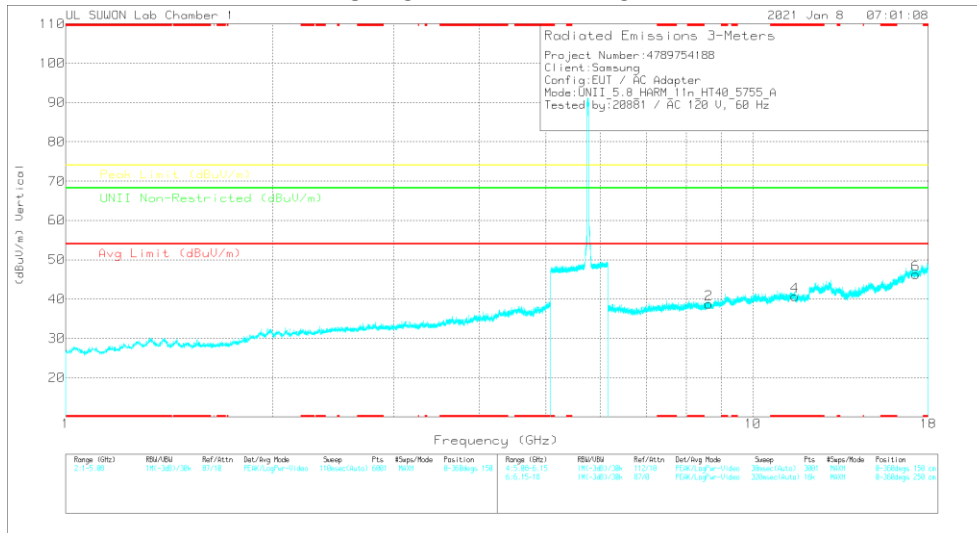


**HARMONICS AND SPURIOUS EMISSIONS**

**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**

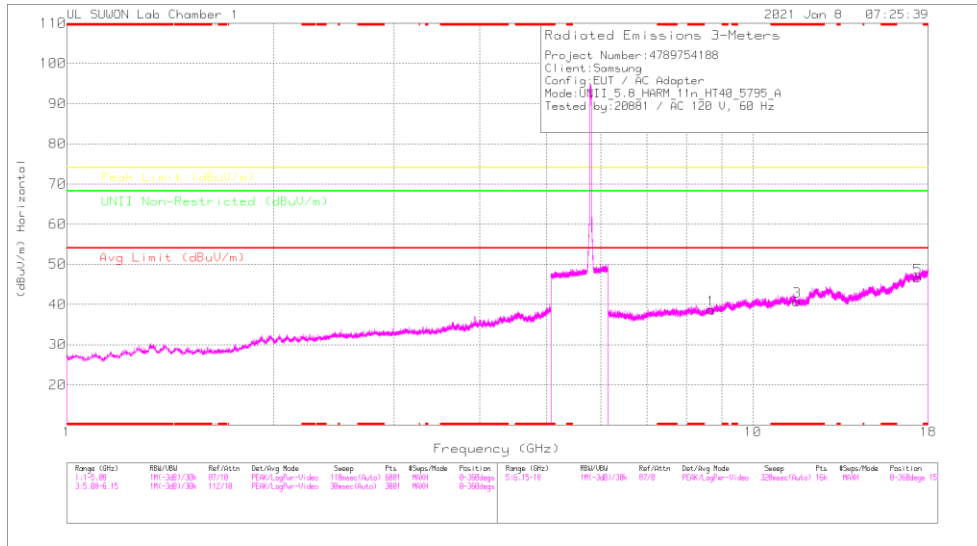
**Radiated Emissions**

Frequency (GHz)	Main Reading (dBuV)	Det	317_00168717	6GHz_HF(SB)	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
8.63167	37.06	PK-U	36.3	-24.6	0	48.76	-	-	-	-	68.2	-19.44	360	100	H
8.63174	37.24	PK-U	36.3	-24.6	0	48.94	-	-	-	-	68.2	-19.26	360	100	V
* 11.50981	37.16	PK-U	38.3	-22.4	0	53.06	-	-	74	-20.94	-	-	360	100	H
* 11.50991	36.62	PK-U	38.3	-22.4	0	52.52	-	-	74	-21.48	-	-	360	100	V
17.26498	34.56	PK-U	41.2	-17.4	0	58.36	-	-	-	-	68.2	-9.84	360	100	H
17.26405	34.08	PK-U	41.2	-17.4	0	57.88	-	-	-	-	68.2	-10.32	360	100	V

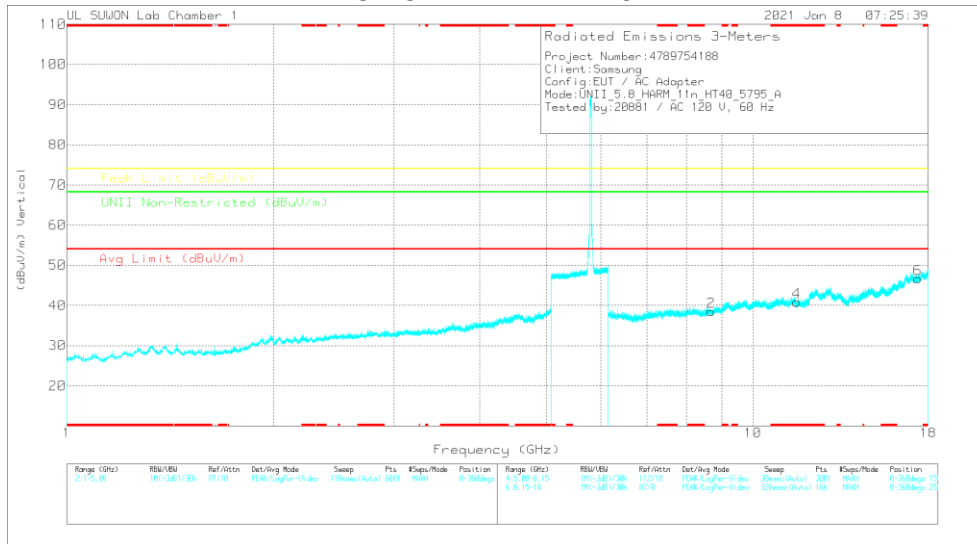
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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**

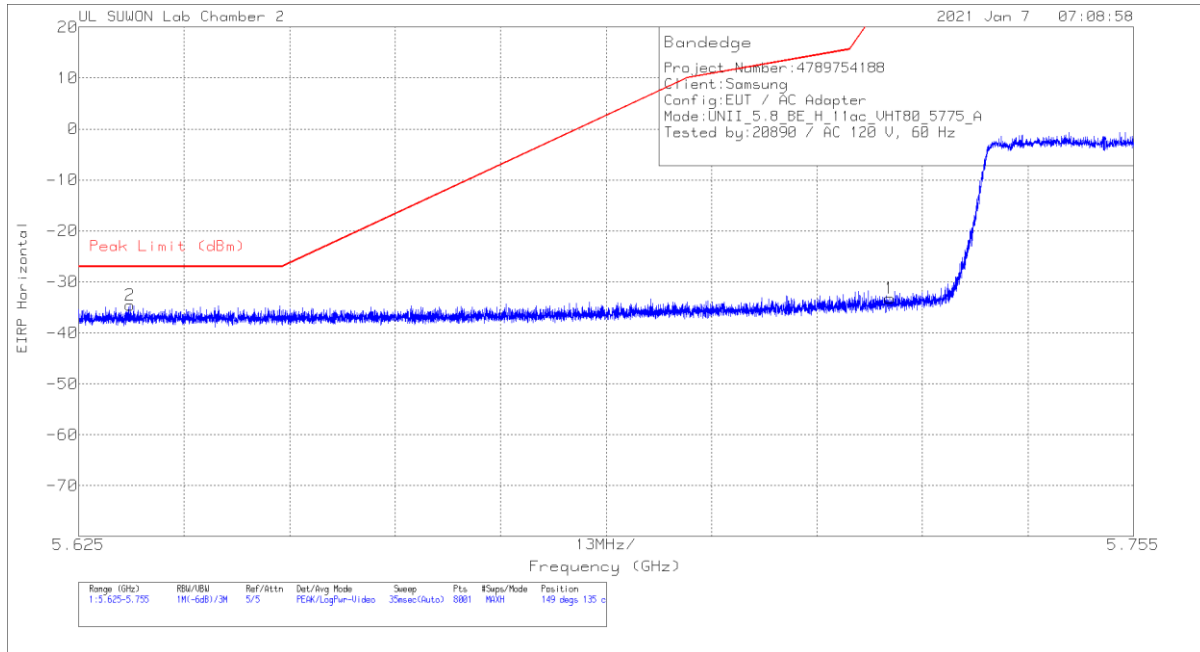
Frequency (GHz)	Mean Reading (dBuV)	Det	317_00168717	6GHz_HPSSE	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Deg)	Height (m)	Polarity
8.69288	37.9	PK-U	36.3	-25.3	0	48.9	-	-	-	-	68.2	-19.3	360	100	H
8.69402	37.78	PK-U	36.3	-25.3	0	48.78	-	-	-	-	68.2	-19.42	360	100	V
* 11.58816	36.52	PK-U	38.3	-22.2	0	52.62	-	-	74	-21.38	-	-	360	100	H
* 11.59119	36.75	PK-U	38.3	-22.2	0	52.85	-	-	74	-21.15	-	-	360	100	V
17.38389	34.32	PK-U	41.2	-17.7	0	57.82	-	-	-	-	68.2	-10.38	360	100	H
17.38543	34.21	PK-U	41.2	-17.6	0	57.81	-	-	-	-	68.2	-10.39	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_00168724	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	-62.61	Pk	34.7	-17.1	11.8	0	-33.21	26.97	-60.18	149	135	H
2	5.63135	-63.75	Pk	34.6	-17.2	11.8	0	-34.55	-27	-7.55	149	135	H

Pk - Peak detector