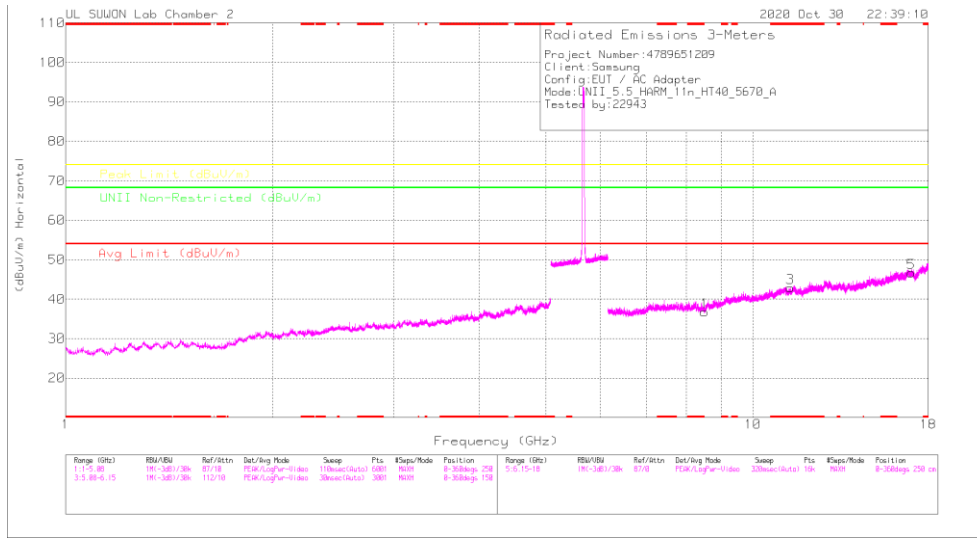
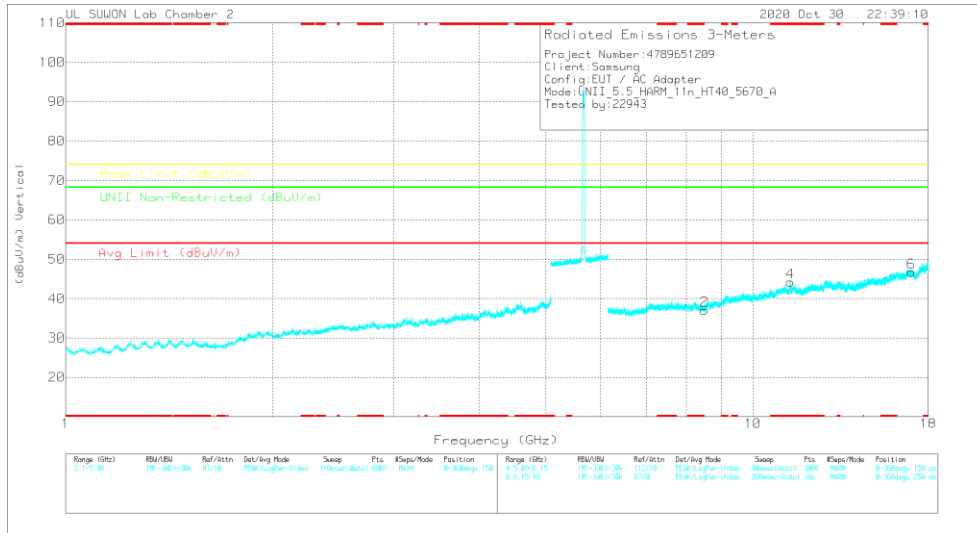


**HIGH CHANNEL HORIZONTAL**



**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/m)	Det	317_00168724	6GHz_HPS(S)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
8.50398	34.92	PK-U	36	-22.6	0	48.32	-	-	-	-	68.2	-19.88	0	100	H
8.50311	35.35	PK-U	36	-22.6	0	48.75	-	-	-	-	68.2	-19.45	0	100	V
* 11.33816	35.4	PK-U	38.3	-19.6	0	54.1	-	-	74	-19.9	-	-	101	368	H
* 11.34028	23.61	ADR	38.3	-19.5	0	42.41	54	-11.59	-	-	-	-	101	368	H
* 11.34212	39.14	PK-U	38.3	-19.6	0	57.84	-	-	74	-16.16	-	-	163	104	V
* 11.34068	26.59	ADR	38.3	-19.5	0	45.39	54	-8.62	-	-	-	-	163	104	V
17.00857	34.49	PK-U	41.1	-18.2	0	57.39	-	-	-	-	68.2	-10.81	0	100	H
17.01063	34.23	PK-U	41.1	-18.2	0	57.13	-	-	-	-	68.2	-11.07	0	100	V

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

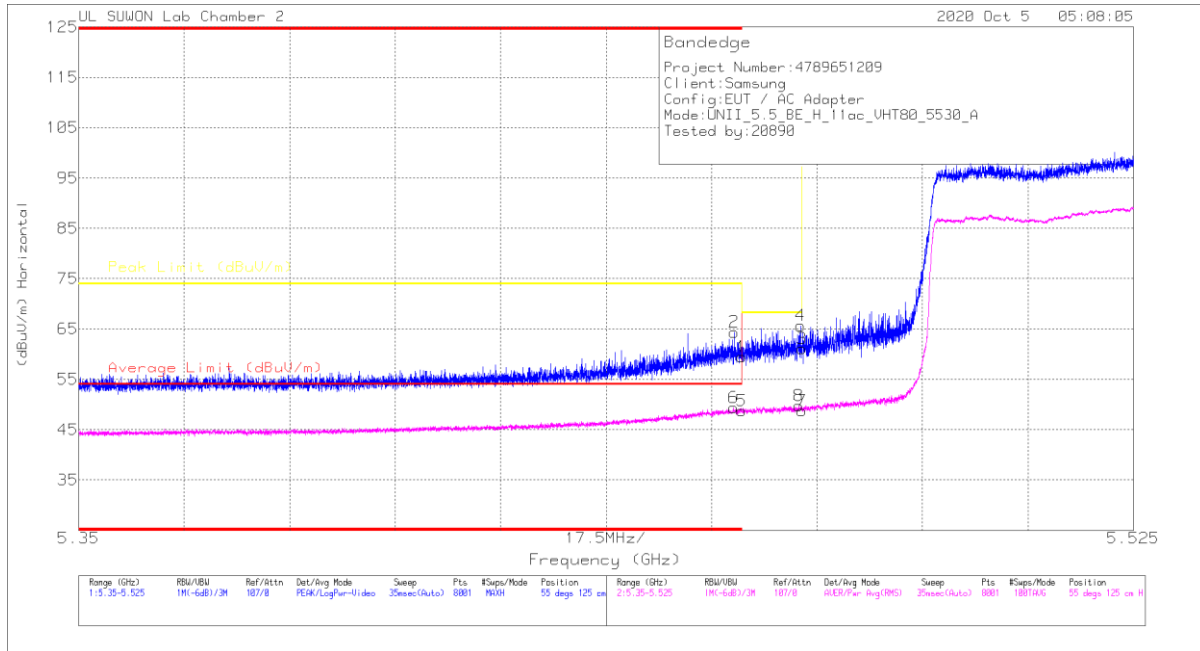
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### 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

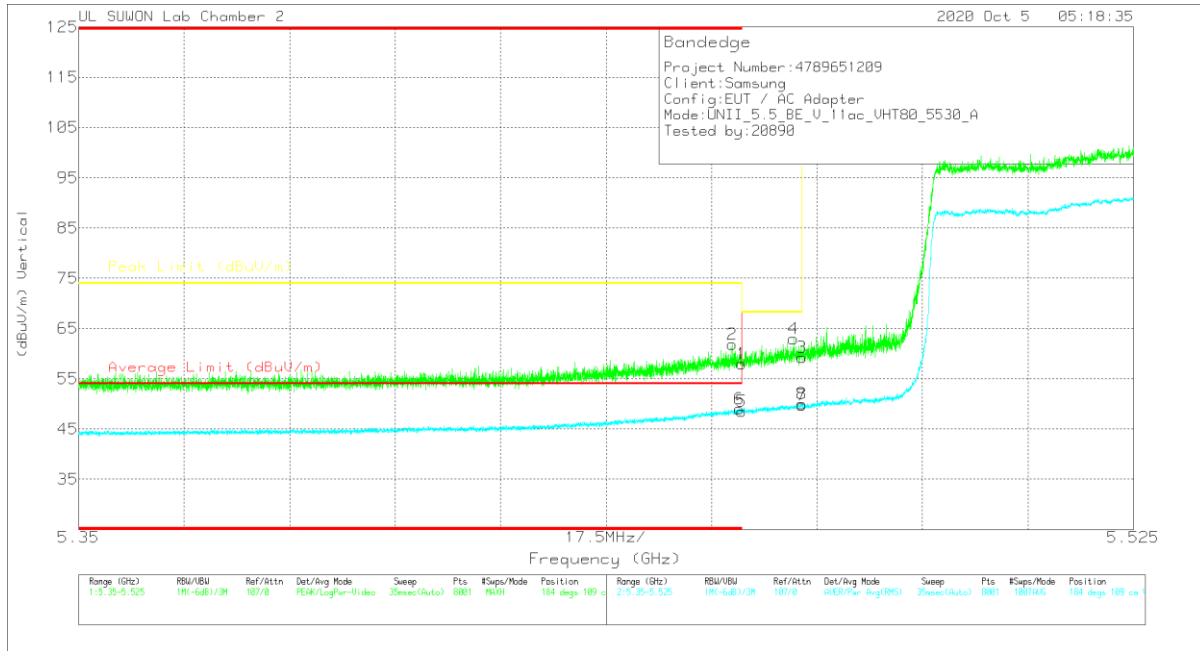
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Azimuh (Degs)	Height (cm)	Polarity
1	* 5.45599	42.98	Pk	34.6	-18.1	0	59.48	-	-	74	-14.52	55	125	H
2	* 5.45878	47.9	Pk	34.6	-18.1	0	64.4	-	-	74	-9.6	55	125	H
3	5.46998	44.6	Pk	34.6	-18.1	0	61.1	-	-	68.2	-7.1	55	125	H
4	5.46977	49.15	Pk	34.6	-18.1	0	65.65	-	-	68.2	-2.55	55	125	H
5	* 5.45999	31.97	RMS	34.6	-18.1	.32	48.79	54	-5.21	-	-	55	125	H
6	* 5.45861	32.6	RMS	34.6	-18.1	.32	49.42	54	-4.58	-	-	55	125	H
7	5.46998	31.94	RMS	34.6	-18.1	.32	48.76	-	-	-	-	55	125	H
8	5.46948	32.93	RMS	34.6	-18.1	.32	49.75	-	-	-	-	55	125	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	41.45	Pk	34.6	-18.1	0	57.95	-	-	74	-16.05	184	109	V
2	* 5.45843	45.31	Pk	34.6	-18.1	0	61.81	-	-	74	-12.19	184	109	V
3	5.46998	42.68	Pk	34.6	-18.1	0	59.18	-	-	68.2	-9.02	184	109	V
4	5.46858	46.42	Pk	34.6	-18.1	0	62.92	-	-	68.2	-5.28	184	109	V
5	* 5.45999	31.72	RMS	34.6	-18.1	.32	48.54	54	-5.46	-	-	184	109	V
6	* 5.45964	32.18	RMS	34.6	-18.1	.32	49	54	-5	-	-	184	109	V
7	5.46998	32.91	RMS	34.6	-18.1	.32	49.73	-	-	-	-	184	109	V
8	5.46994	33.14	RMS	34.6	-18.1	.32	49.96	-	-	-	-	184	109	V

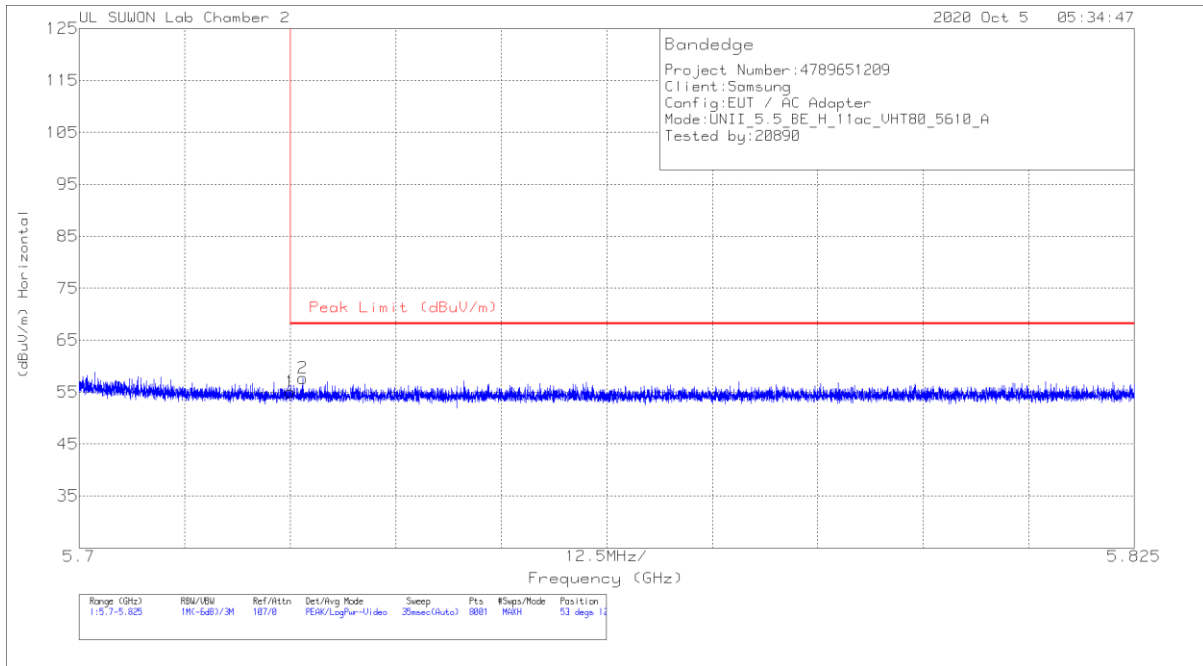
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE DATA**

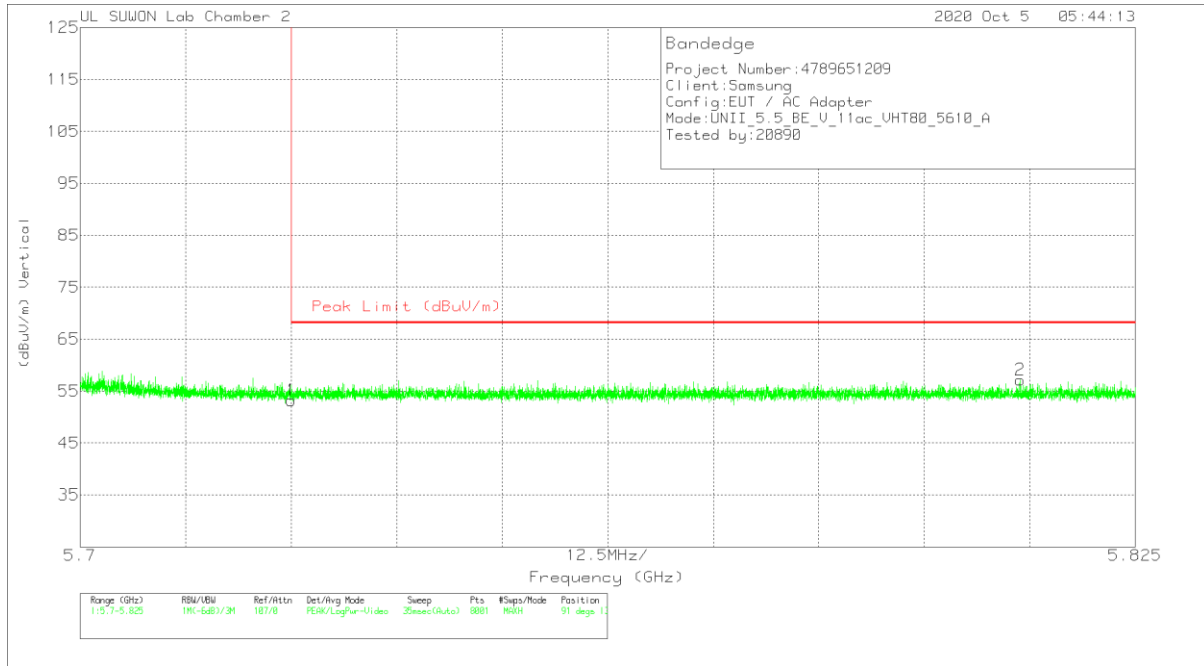


**Trace Markers**

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	37.85	Pk	34.7	-17.5	0	55.05	68.2	-13.15	53	127	H
2	5.72652	40.59	Pk	34.7	-17.6	0	57.69	68.2	-10.51	53	127	H

Pk - Peak detector

**VERTICAL PEAK AND AVERAGE DATA**



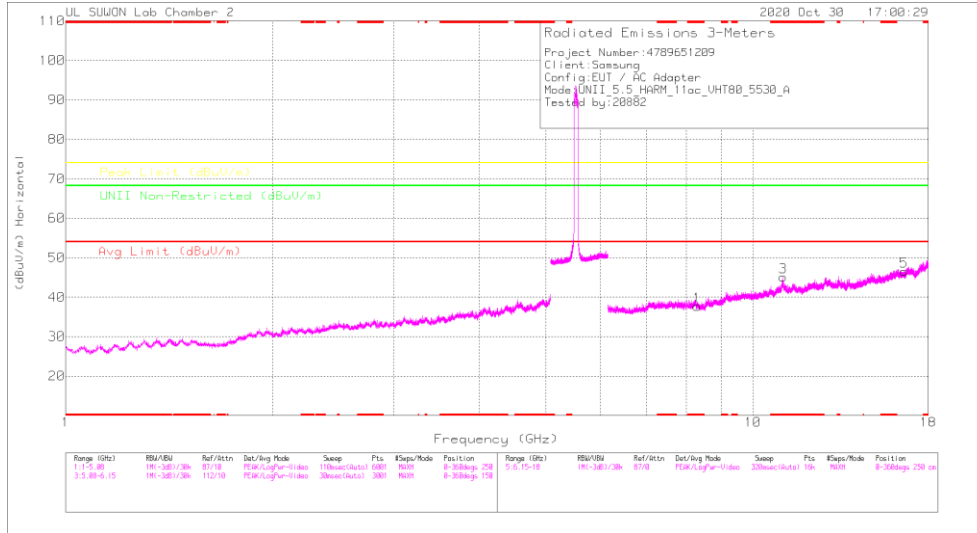
**Trace Markers**

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	36.04	Pk	34.7	-17.5	0	53.24	68.2	-14.96	91	132	V
2	5.81134	39.75	Pk	34.8	-17.4	0	57.15	68.2	-11.05	91	132	V

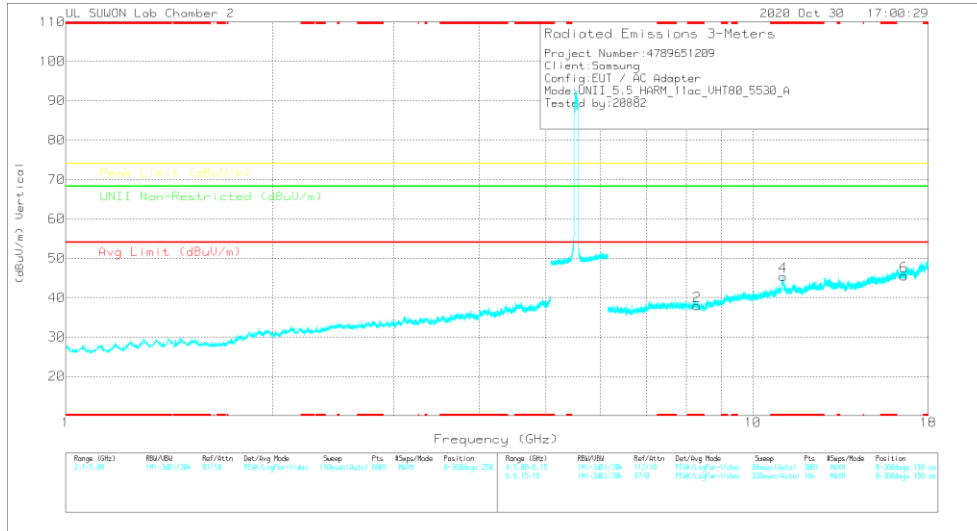
Pk - Peak detector

**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**

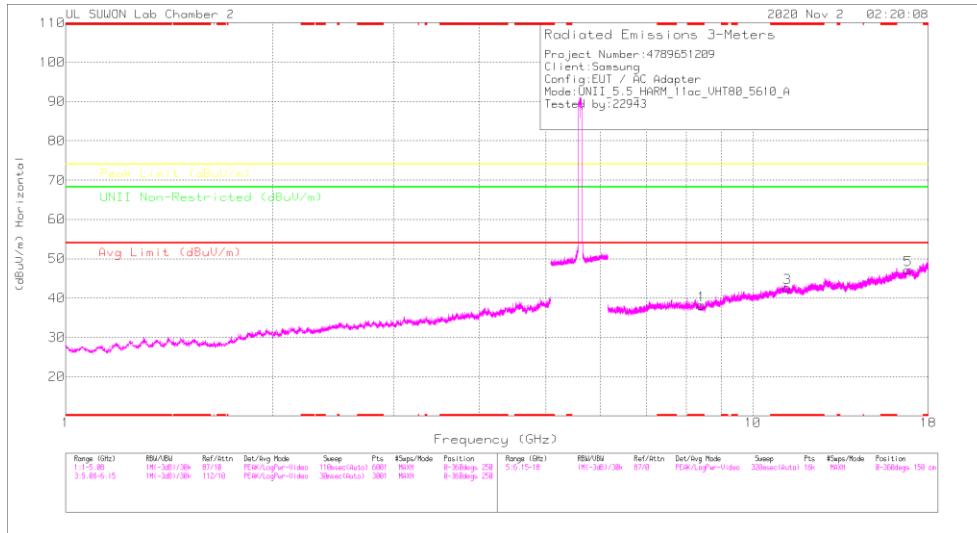
Frequency (GHz)	Meas Reading (dBuV)	Det	317_00168724	6GHz_HPS(B)	DC Corr (dB)	Corrected Reading (dBuV)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (ft)	Height (m)	Polarity
* 8.29611	34.41	PK-U	35.9	-22.2	0	48.11	-	-	74	-25.89	-	-	0	100	H
* 8.29385	35.14	PK-U	35.9	-22.2	0	48.84	-	-	74	-25.16	-	-	0	100	V
* 11.05488	38.49	PK-U	38.2	-19.8	0	56.89	-	-	74	-17.11	-	-	106	118	H
* 11.05992	24.79	ADR	38.2	-19.8	-32	43.51	54	-10.49	-	-	-	-	106	118	H
* 11.06586	41.28	PK-U	38.2	-19.8	0	59.68	-	-	74	-14.32	-	-	162	100	V
* 11.05874	27.48	ADR	38.2	-19.7	-32	46.3	54	-7.7	-	-	-	-	162	100	V
16.59191	35.04	PK-U	41	-19.2	0	56.84	-	-	-	-	68.2	-11.36	0	100	H
16.59028	34.5	PK-U	41	-19.3	0	56.2	-	-	-	-	68.2	-12	0	100	V

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

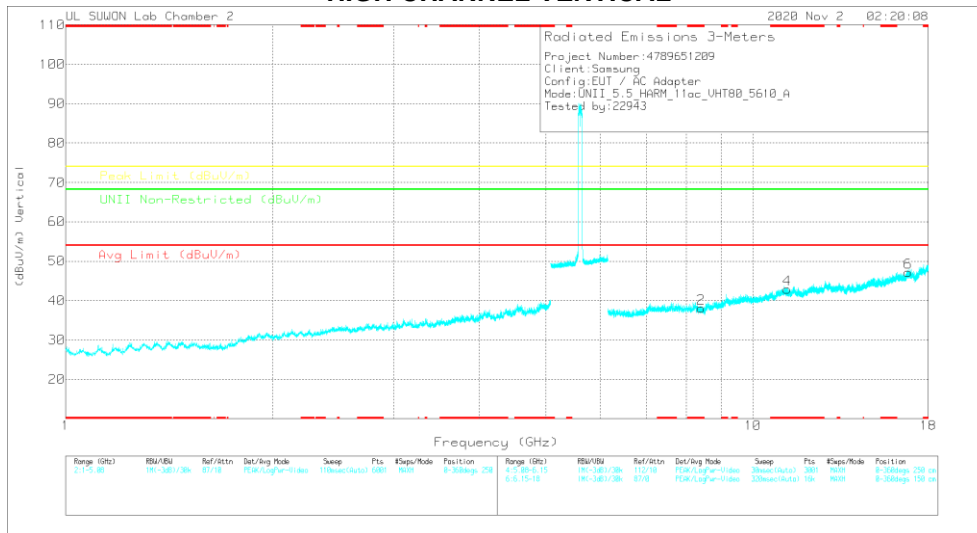
PK-U - U-NII: Maximum Peak

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	317.00160724	@GHz_HF@dB	OC Corr (dB)	Corrected Reading (dBuV/m)	Avg Lim (dBuV/m)	Margin (dB)	Peak Lim (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 8.41356	35.9	PK-U	36	-22.9	0	49	-	-	74	-25	-	-	0	100	H
* 8.41368	35.14	PK-U	36	-22.9	0	48.24	-	-	74	-25.76	-	-	0	100	V
* 11.21004	35.32	PK-U	38.3	-19.3	0	54.32	-	-	74	-19.68	-	-	108	102	H
* 11.21516	22.44	ADR	38.3	-19.4	.32	41.66	54	-12.34	-	-	-	-	108	102	H
* 11.21318	37.38	PK-U	38.3	-19.3	0	56.38	-	-	74	-17.62	-	-	164	100	V
* 11.2189	24.11	ADR	38.3	-19.5	.32	43.23	54	-10.77	-	-	-	-	164	100	V
16.82801	34.69	PK-U	41.2	-18	0	57.89	-	-	-	-	68.2	-10.31	0	100	H
16.82954	35.42	PK-U	41.2	-17.9	0	58.72	-	-	-	-	68.2	-9.48	0	100	V

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

PK-U - U-NII: Maximum Peak

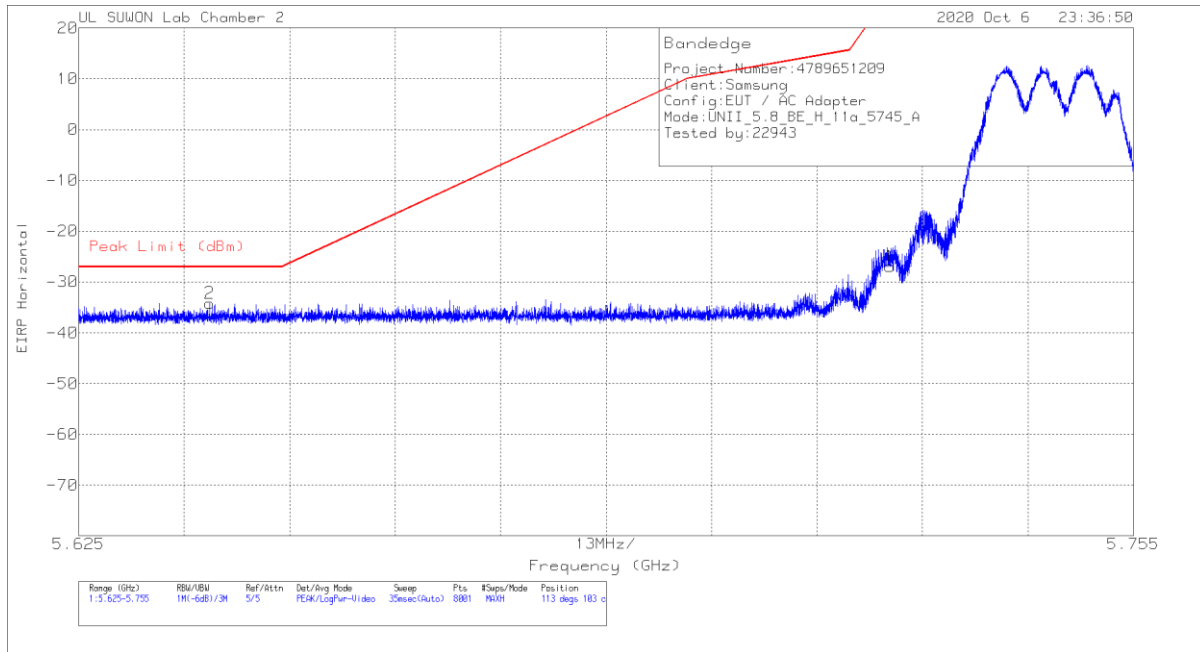
ADR - U-NII AD primary method, RMS average

## 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



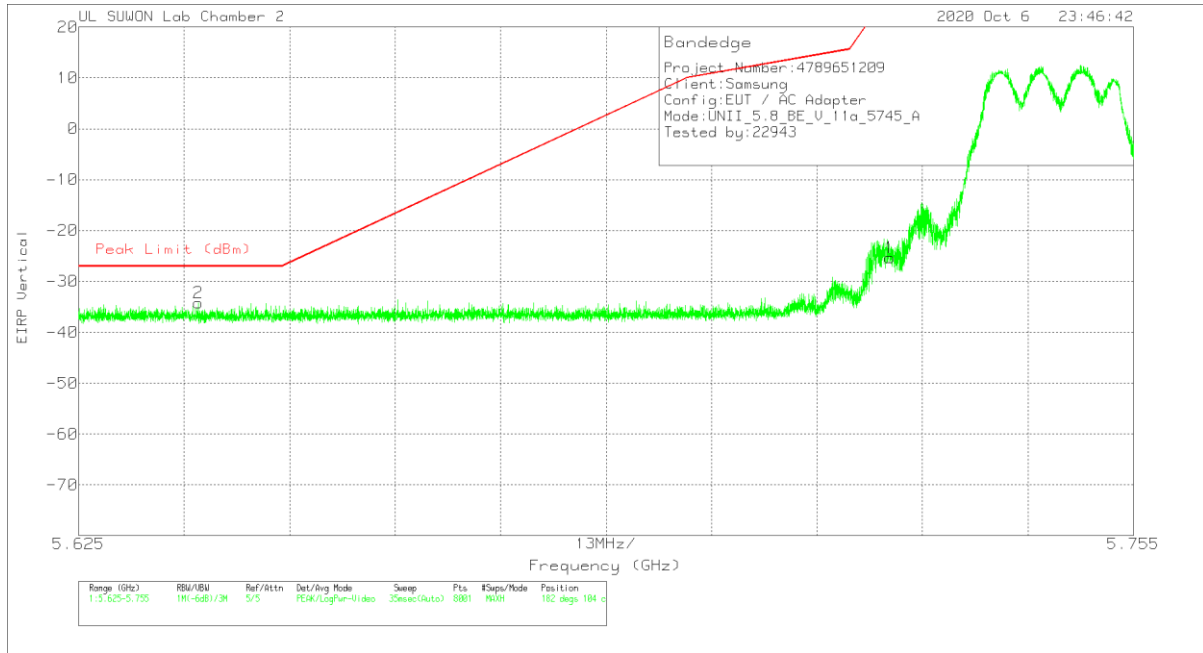
#### Trace Markers

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	-56.35	Pk	34.7	-17.1	11.8	0	-26.95	26.97	-53.92	113	103	H
2	5.64115	-63.35	Pk	34.6	-17.2	11.8	0	-34.15	-27	-7.15	113	103	H

Pk - Peak detector



**VERTICAL PEAK DATA**



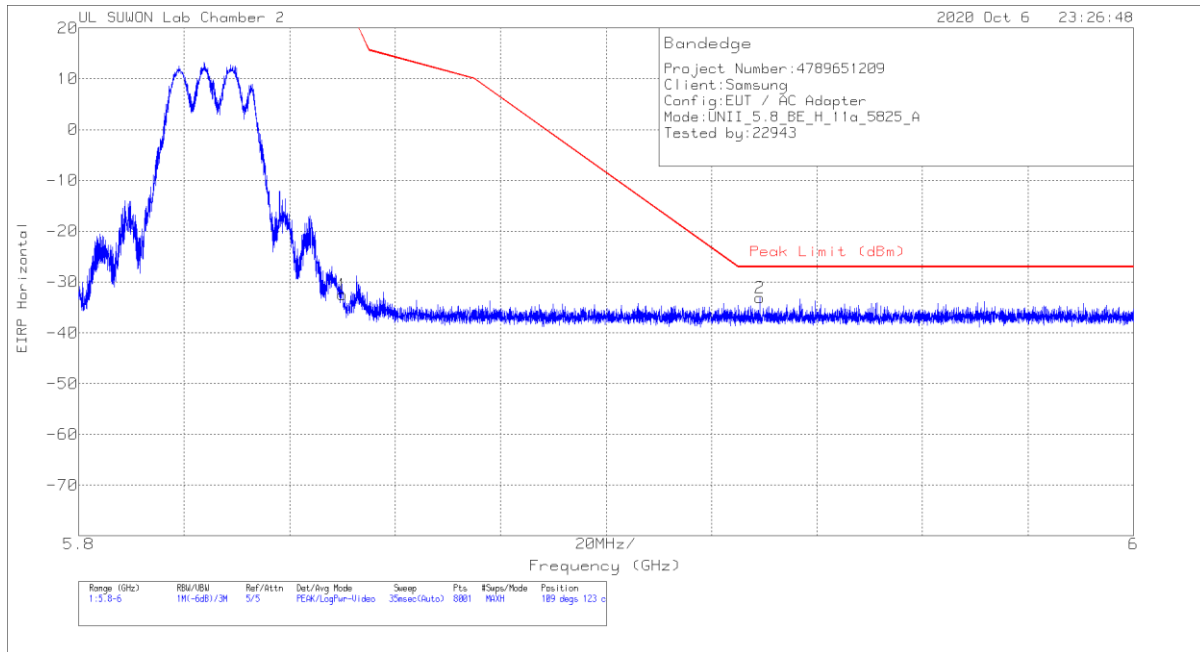
**Trace Markers**

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	-54.69	Pk	34.7	-17.1	11.8	0	-25.29	26.97	-52.26	182	104	V
2	5.63974	-63.35	Pk	34.6	-17.3	11.8	0	-34.25	-27	-7.25	182	104	V

Pk - Peak detector

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL PEAK DATA**

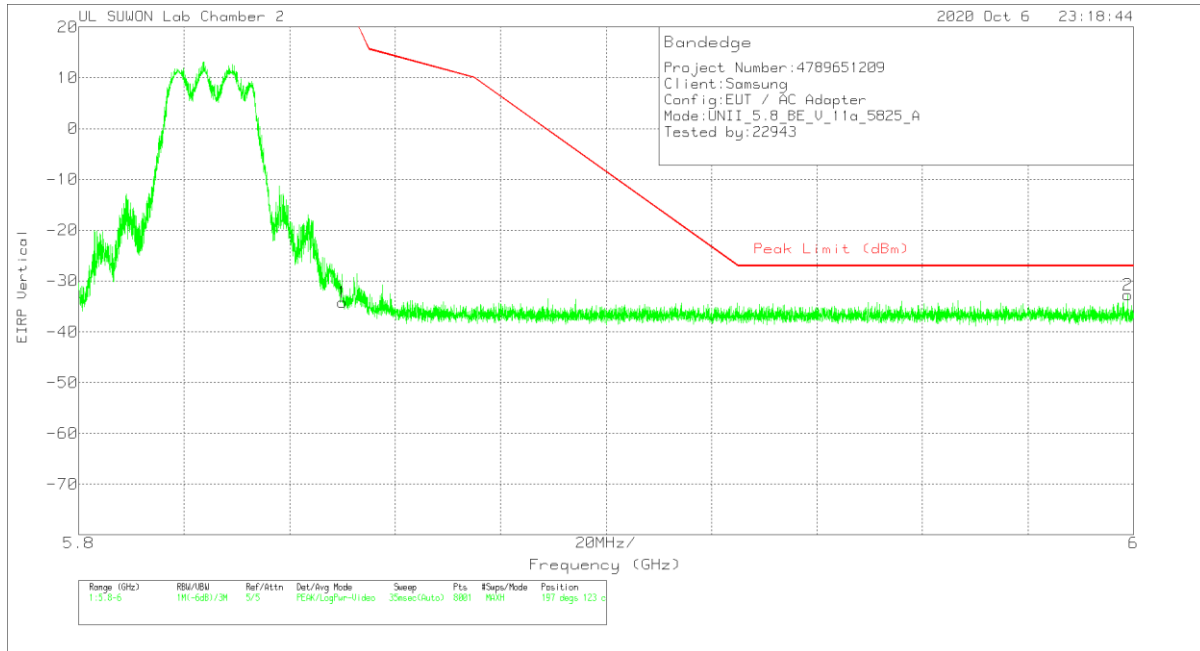


**Trace Markers**

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	-62.23	Pk	34.9	-16.9	11.8	0	-32.43	26.94	-59.37	109	123	H
2	5.92918	-63.12	Pk	35.1	-16.9	11.8	0	-33.12	-27	-6.12	109	123	H

Pk - Peak detector

**VERTICAL PEAK DATA**



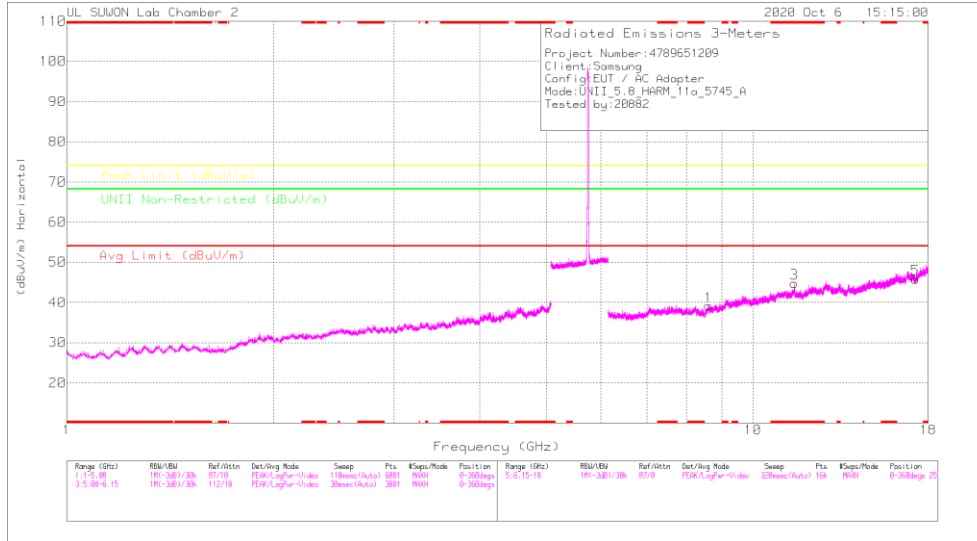
**Trace Markers**

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	-63.96	Pk	34.9	-16.9	11.8	0	-34.16	26.94	-61.1	197	123	V
2	5.99893	-62.88	Pk	35.2	-16.9	11.8	0	-32.78	-27	-5.78	197	123	V

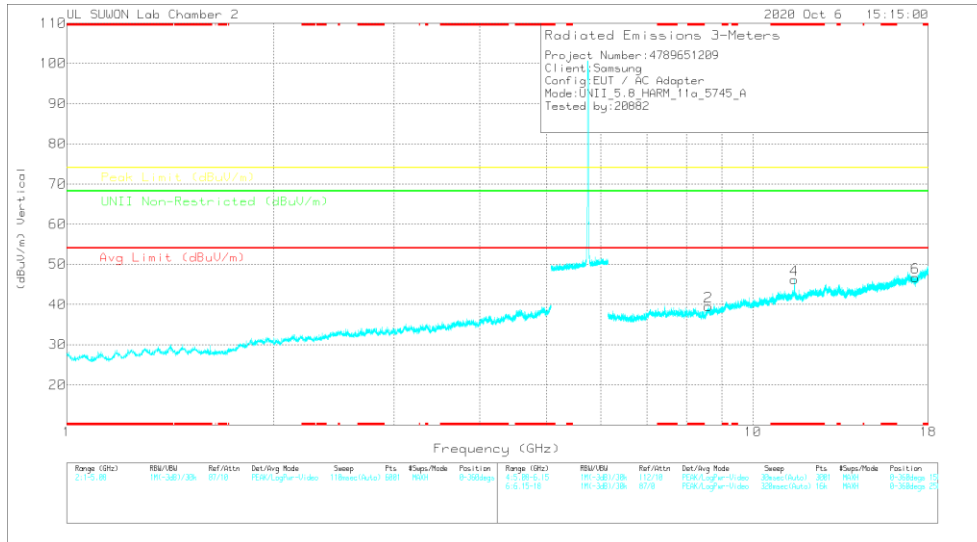
Pk - Peak detector

**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**

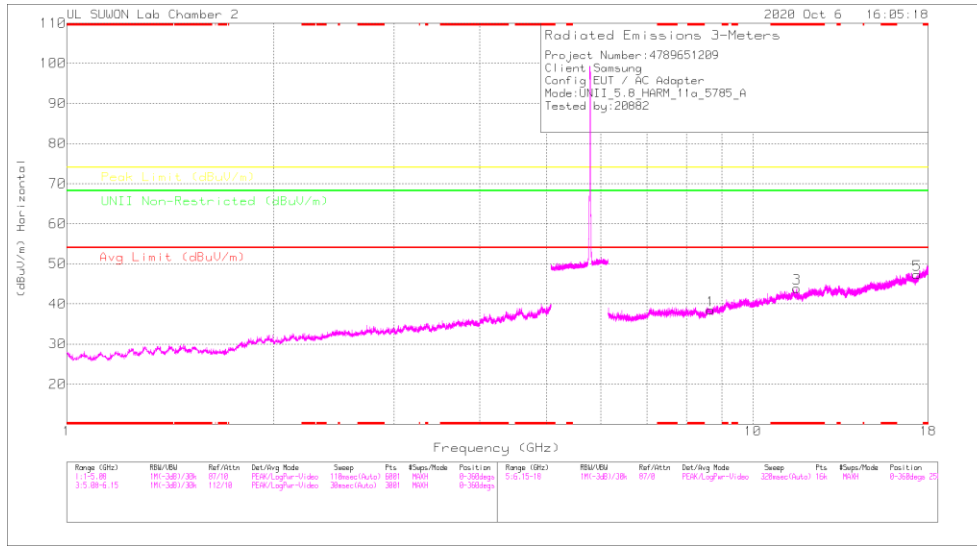
Frequency (GHz)	Max. Reading (dBuV)	Det	317_00168724	6GHz_HPS(B)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
8.61536	34.01	PK-U	36.1	-20.7	0	49.41	-	-	-	-	68.2	-18.79	0	100	H
8.61513	34.2	PK-U	36.1	-20.8	0	49.5	-	-	74	-18.63	68.2	-18.7	0	100	V
* 11.4955	36.27	PK-U	38.3	-19.2	0	55.37	-	-	-	-	-	-	181	103	H
* 11.49064	24.43	ADR	38.3	-19.1	-15	43.78	54	-10.22	-	-	-	-	181	103	H
* 11.48722	38.27	PK-U	38.3	-19.2	0	57.37	-	-	74	-16.63	-	-	139	126	V
* 11.49085	26.06	ADR	38.3	-19.1	-15	45.41	54	-8.59	-	-	-	-	139	126	V
17.24043	33.95	PK-U	40.9	-18.3	0	56.55	-	-	-	-	68.2	-11.65	0	100	H
17.24108	33.71	PK-U	40.9	-18.3	0	56.31	-	-	-	-	68.2	-11.89	0	100	V

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

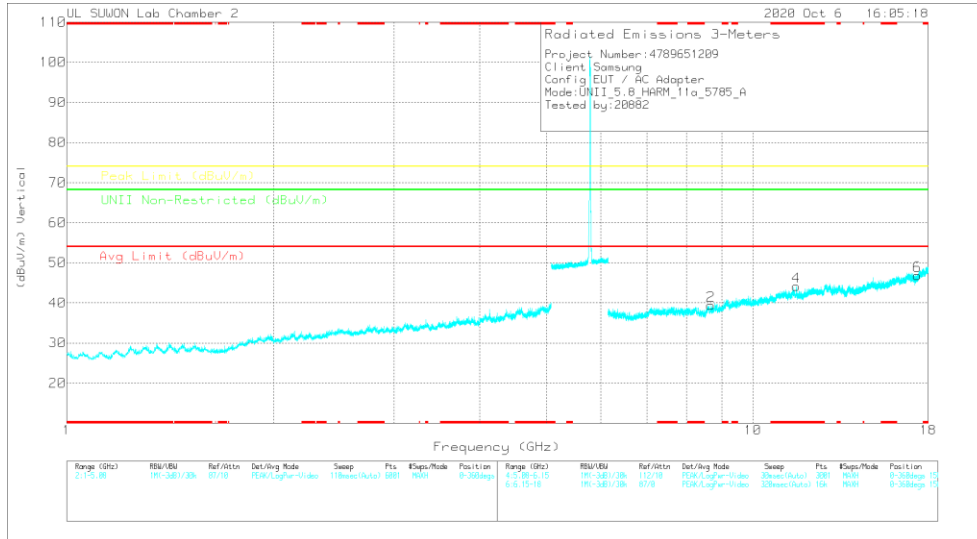
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**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**

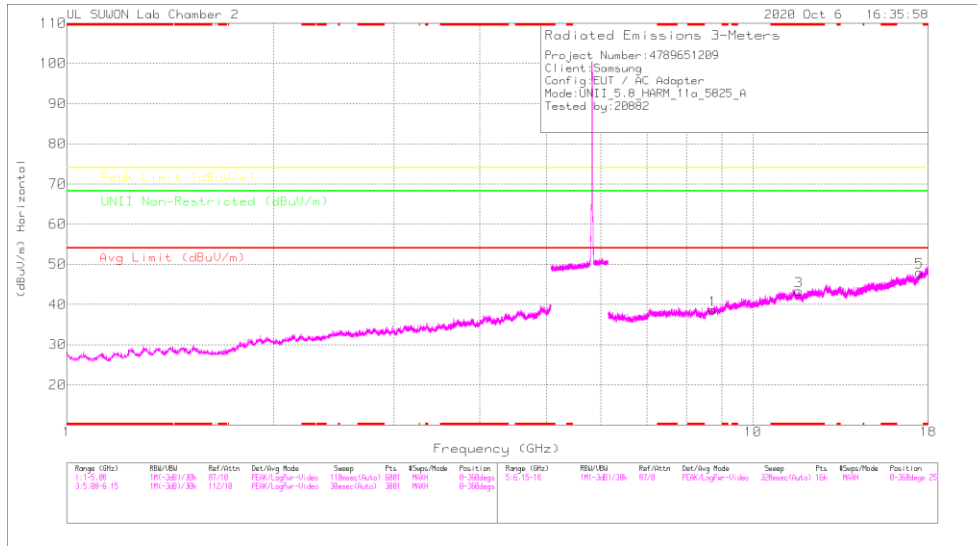
**Radiated Emissions**

Frequency (GHz)	Meas. Reading (dBuV)	Det.	317_00168724	6GHz_HF(9dB)	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
8.67937	35.07	PK-U	36.2	-21.9	0	49.37	-	-	-	-	68.2	-18.83	0	100	H
8.6781	34.8	PK-U	36.2	-22	0	49	-	-	-	-	68.2	-19.2	0	100	V
* 11.57636	33.89	PK-U	38.3	-19.3	0	52.89	-	-	74	-21.11	-	-	0	100	H
* 11.57643	33.66	PK-U	38.3	-19.3	0	52.66	-	-	74	-21.34	-	-	0	100	V
17.3426	34.31	PK-U	41	-18.3	0	57.01	-	-	-	-	68.2	-11.19	0	100	H
17.34456	34.01	PK-U	41	-18.3	0	56.71	-	-	-	-	68.2	-11.49	0	100	V

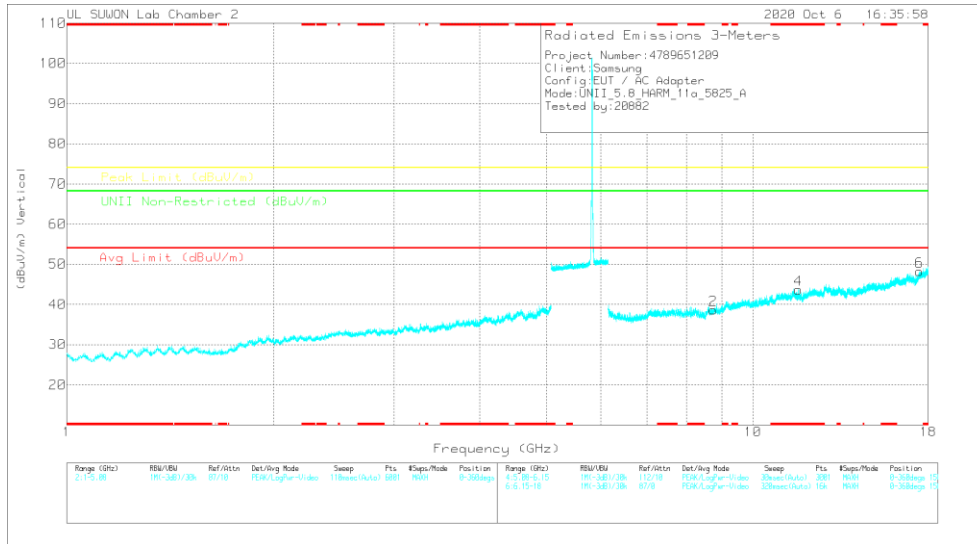
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

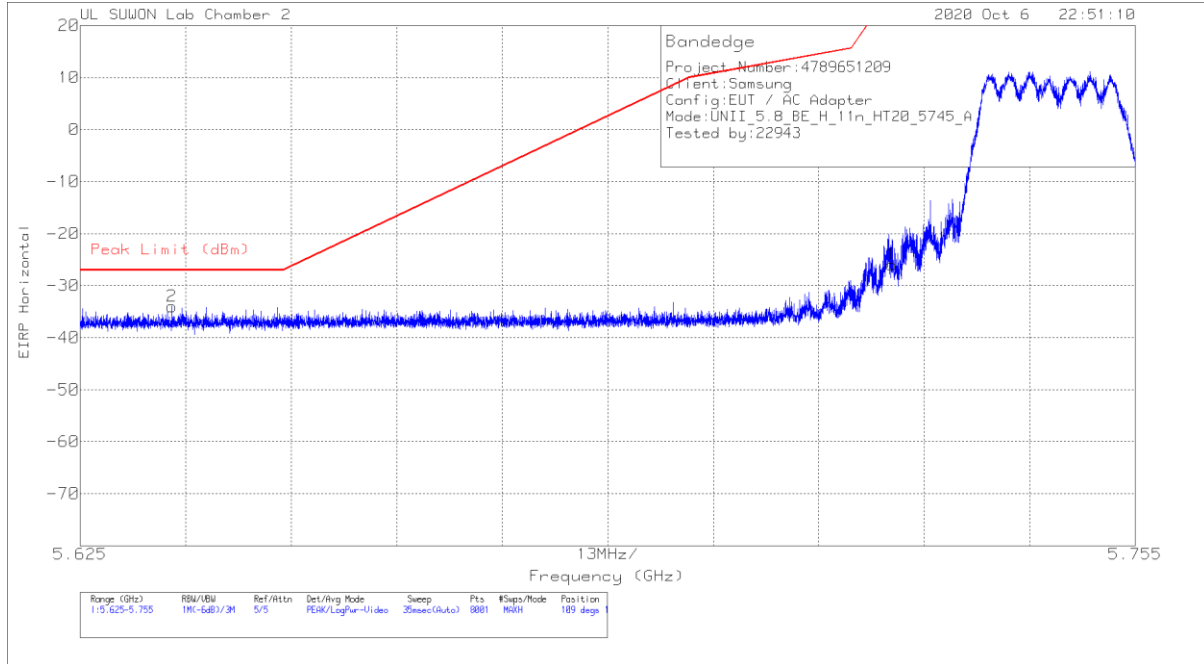
Frequency (GHz)	Meter Reading (dBm)	Det	317_00168724	6GHz_HFdB	DC Corr (dB)	Corrected Reading (dBm)	Avg Limt (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asmth (Degs)	Height (cm)	Polarity
8.73273	35.3	PK-U	36.2	-22.6	0	48.9	-	-	-	-	68.2	-19.3	0	100	H
8.73201	35.08	PK-U	36.2	-22.6	0	48.68	-	-	-	-	68.2	-19.52	-	0	V
* 11.65502	34.15	PK-U	38.4	-19.1	0	53.45	-	-	74	-20.55	-	-	0	100	H
* 11.65405	33.96	PK-U	38.4	-19.2	0	53.16	-	-	74	-20.84	-	-	0	100	V
17.48572	34.16	PK-U	41.2	-17.5	0	57.86	-	-	-	-	68.2	-10.34	0	100	H
17.48573	34.41	PK-U	41.2	-17.5	0	58.11	-	-	-	-	68.2	-10.09	0	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

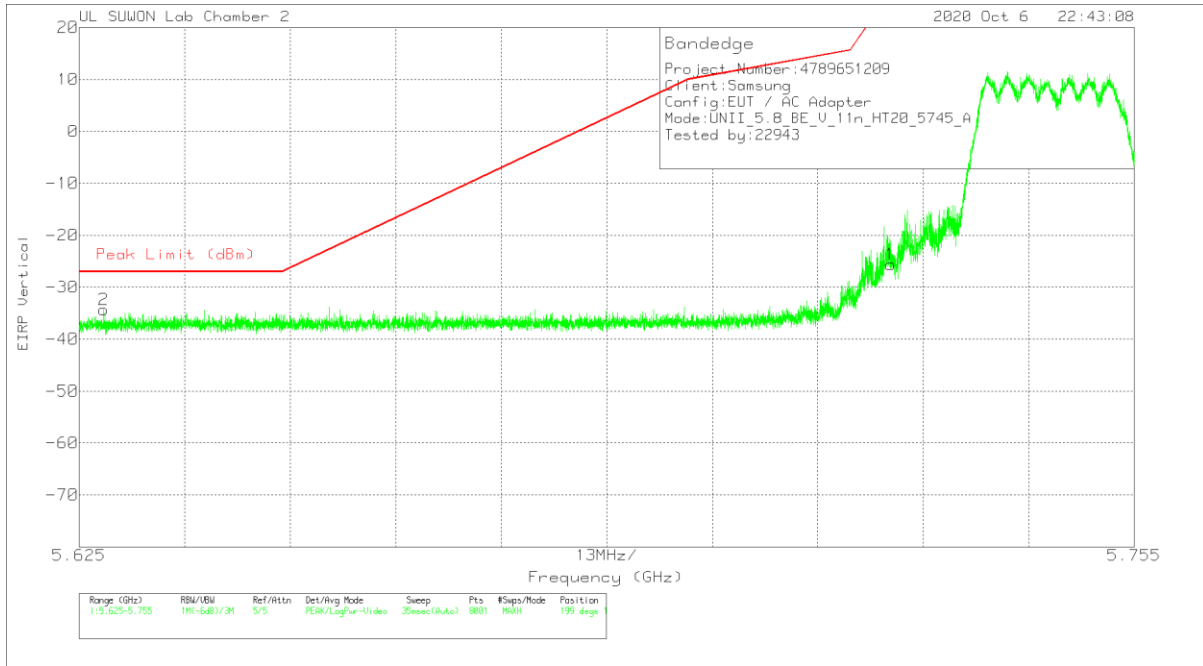


#### Trace Markers

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	-55.31	Pk	34.7	-17.1	11.8	0	-25.91	26.97	-52.88	109	104	H
2	5.63631	-63.09	PK	34.6	-17.3	11.8	0	-33.99	-27	-6.99	109	104	H

Pk - Peak detector

**VERTICAL PEAK DATA**



**Trace Markers**

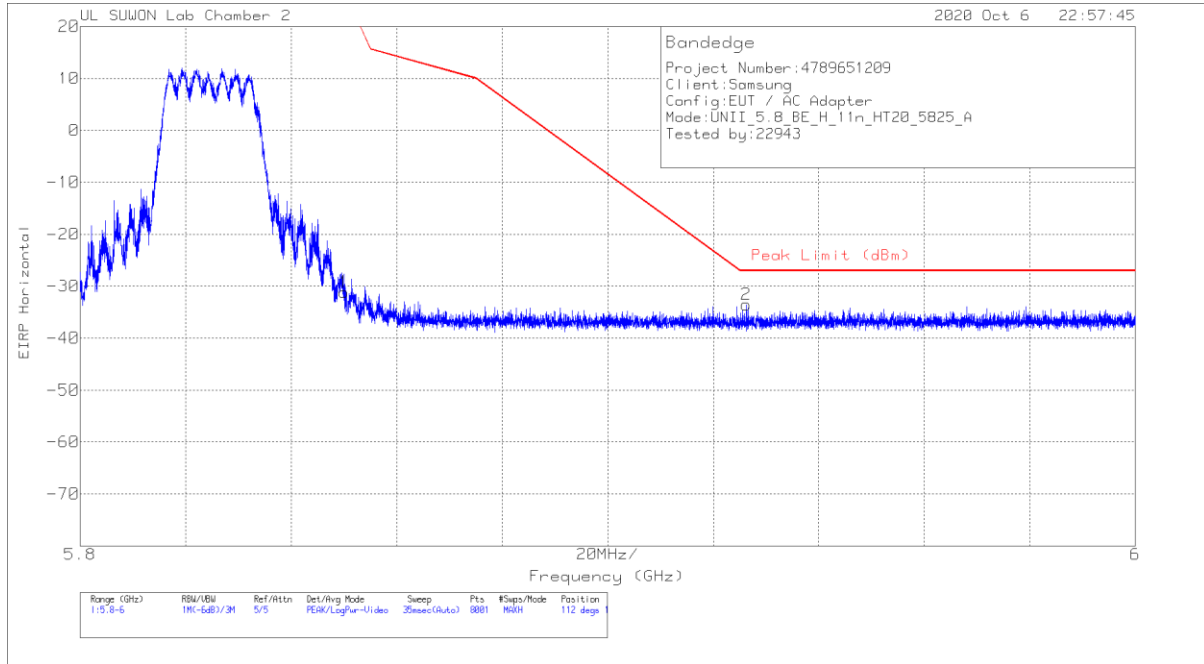
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168724	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72499	-55.02	Pk		-17.1	11.8	0	-25.62	26.97	-52.59	199	104	V
2	5.62799	-63.51	Pk		-17.2	11.8	0	-34.31	-27	-7.31	199	104	V

Pk - Peak detector



**BADEDGE (HIGH CHANNEL)**

**HORIZONTAL PEAK DATA**

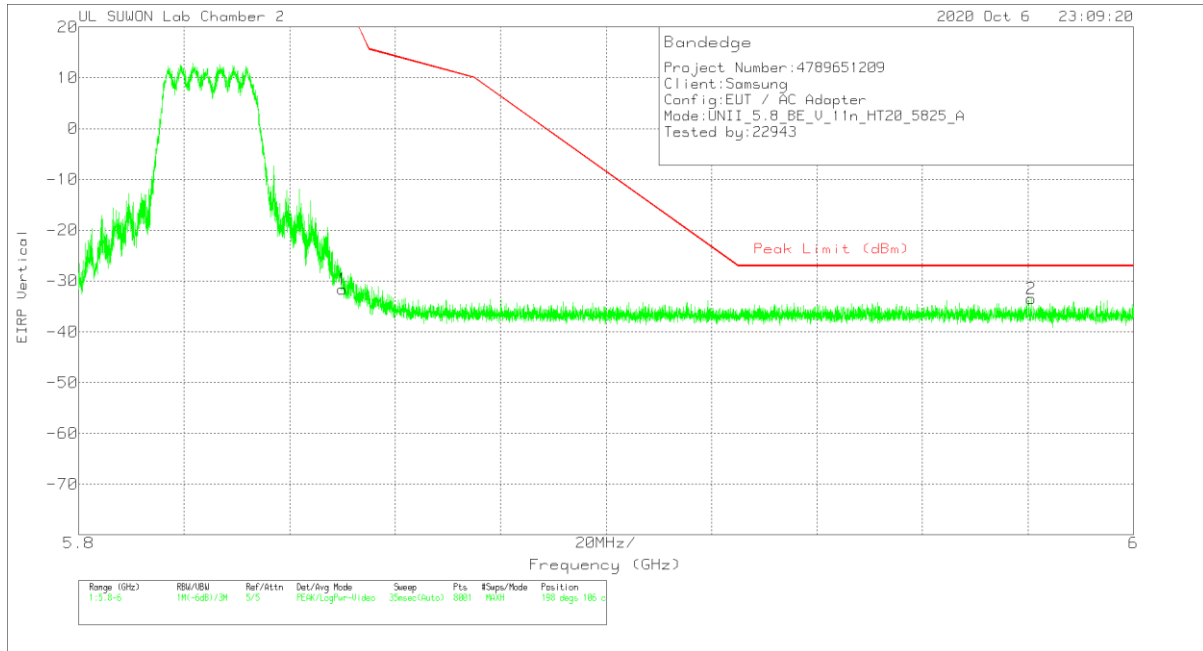


**Trace Markers**

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	-60.96	Pk	34.9	-16.9	11.8	0	-31.16	26.94	-58.1	112	102	H
2	5.92623	-63.42	Pk	35.1	-17	11.8	0	-33.52	-27	-6.52	112	102	H

Pk - Peak detector

**VERTICAL PEAK DATA**



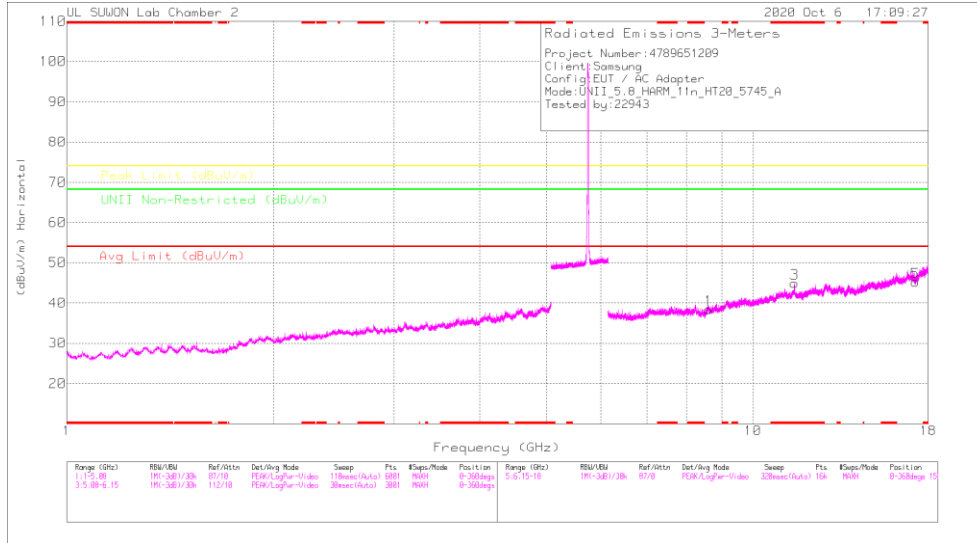
**Trace Markers**

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	-61.47	Pk	34.9	-16.9	11.8	0	-31.67	26.94	-58.61	198	106	V
2	5.9806	-63.62	Pk	35.1	-16.8	11.8	0	-33.52	-27	-6.52	198	106	V

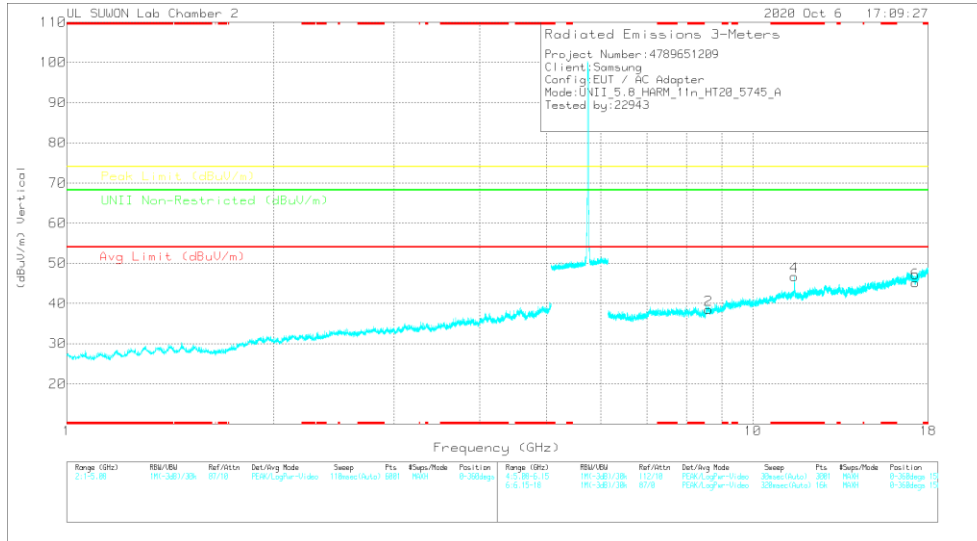
Pk - Peak detector

**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**

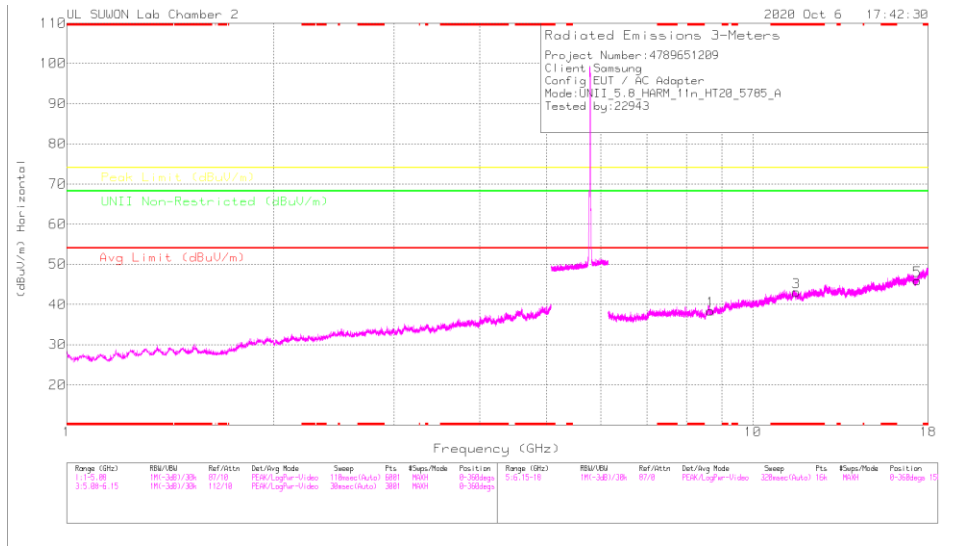
Frequency (GHz)	Main Reading (dBuV)	Det	317_00168724	6GHz_HPSIS	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (feet)	Height (cm)	Polarity
8.6162	34.39	PK-U	36.1	-20.8	0	49.59	-	-	-	-	68.2	-18.51	0	100	H
8.61406	34.25	PK-U	36.1	-20.8	0	49.55	-	-	-	-	68.2	-18.65	0	100	V
* 11.49014	37.6	PK-U	38.3	-19.1	0	56.8	-	-	74	-17.2	-	-	186	100	H
* 11.48992	25.46	ADR	38.3	-19.1	0	44.66	54	-9.34	-	-	-	-	186	100	H
* 11.48784	37.96	PK-U	38.3	-19.2	0	57.06	-	-	74	-16.94	-	-	148	101	V
* 11.49019	25.33	ADR	38.3	-19.1	0	44.53	54	-9.47	-	-	-	-	148	101	V
17.23491	34.01	PK-U	40.9	-18.3	0	56.61	-	-	-	-	68.2	-11.59	360	100	H
17.23536	33.86	PK-U	40.9	-18.3	0	56.46	-	-	-	-	68.2	-11.74	360	100	V

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

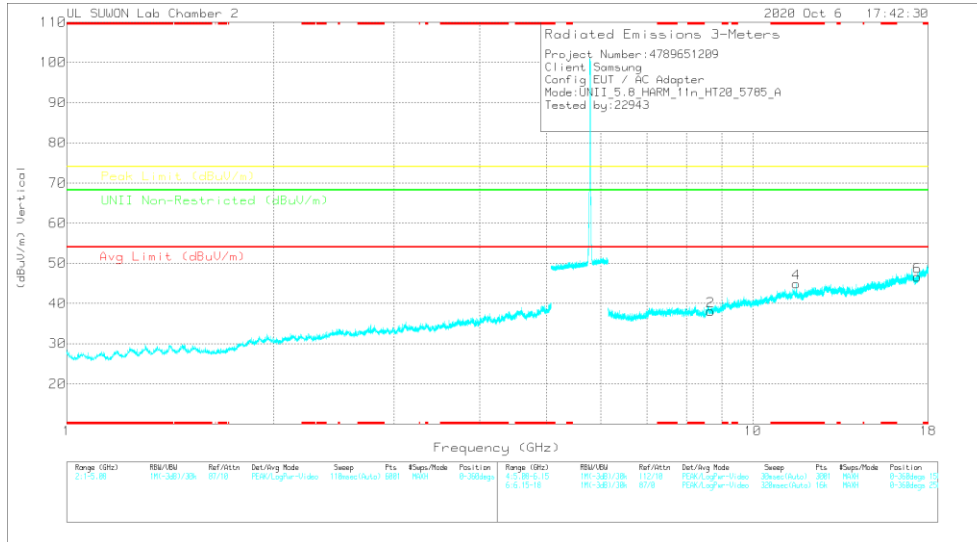
PK-U - U-NII: Maximum Peak

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**

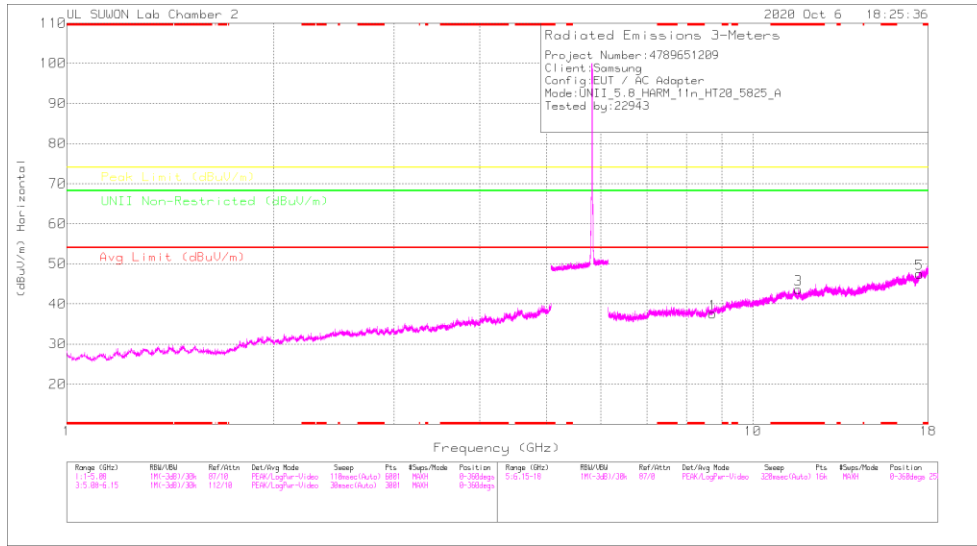
Frequency (GHz)	Meas Reading (dBm)	Det	317_00168724	6GHz_HPS[B]	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (ft)	Height (m)	Polarity
8.67942	34.55	PK-U	36.2	-21.0	0	48.55	-	-	-	-	68.2	-19.35	0	100	H
8.67687	35.51	PK-U	36.2	-22	0	49.71	-	-	-	-	68.2	-18.49	360	100	V
* 11.57278	35.82	PK-U	38.3	-19.3	0	54.82	-	-	74	-19.18	-	-	180	100	H
* 11.57	24.14	ADR	38.3	-19.3	0	43.14	54	-10.86	-	-	-	-	180	100	H
* 11.56414	38.4	PK-U	38.3	-19.1	0	57.6	-	-	74	-16.4	-	-	208	100	V
* 11.56982	26.28	ADR	38.3	-19.2	0	45.38	54	-8.62	-	-	-	-	208	100	V
17.35556	34.32	PK-U	41	-18.4	0	56.92	-	-	-	-	68.2	-11.28	0	100	H
17.354	34.17	PK-U	41	-18.3	0	56.87	-	-	-	-	68.2	-11.33	0	100	V

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

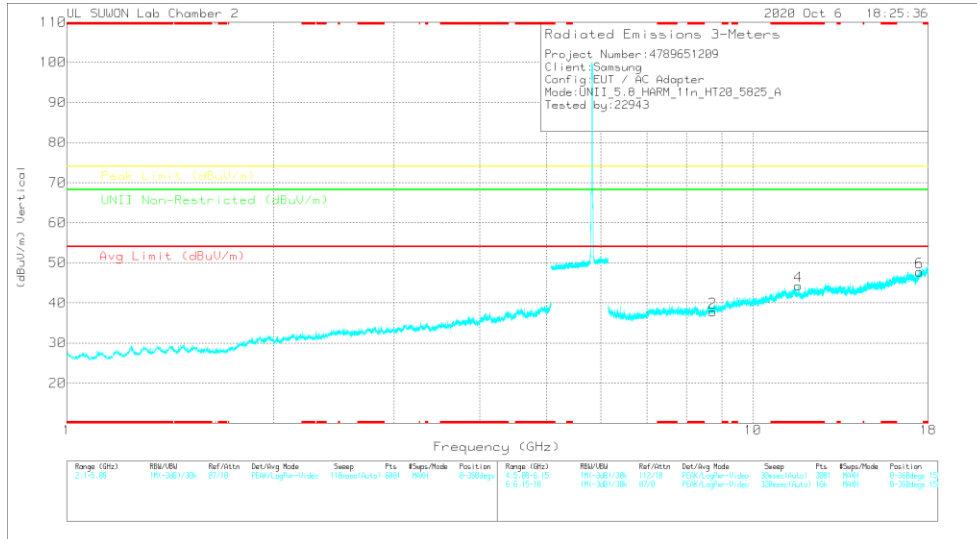
PK-U - U-NII: Maximum Peak

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)	Mask Reading (dBm)	Det	317_00168724	6GHz_HPS(B)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	Margin (dB)	UNII Non-Restricted (dBm)	Margin (dB)	Altitude (ft)	Height (ft)	Polarity
8.73824	35.06	PK-U	38.2	-22.5	0	48.76	-	-	-	-	68.2	-19.44	360	100	H
8.73929	35.58	PK-U	38.2	-22.6	0	49.18	-	-	-	-	68.2	-19.02	360	100	V
* 11.6494	38.21	PK-U	38.4	-19.3	0	55.31	-	-	74	-18.69	-	-	150	101	H
* 11.65032	24.36	ADR	38.4	-19.2	0	43.56	54	-10.44	-	-	-	-	150	101	H
* 11.6498	37.17	PK-U	38.4	-19.3	0	56.27	-	-	74	-17.73	-	-	209	100	V
* 11.6498	25.13	ADR	38.4	-19.3	0	44.23	54	-9.77	-	-	-	-	209	100	V
17.47498	34.16	PK-U	41.1	-17.9	0	57.36	-	-	-	-	68.2	-10.84	0	100	H
17.47438	34.74	PK-U	41.1	-17.8	0	58.04	-	-	-	-	68.2	-10.16	0	100	V

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

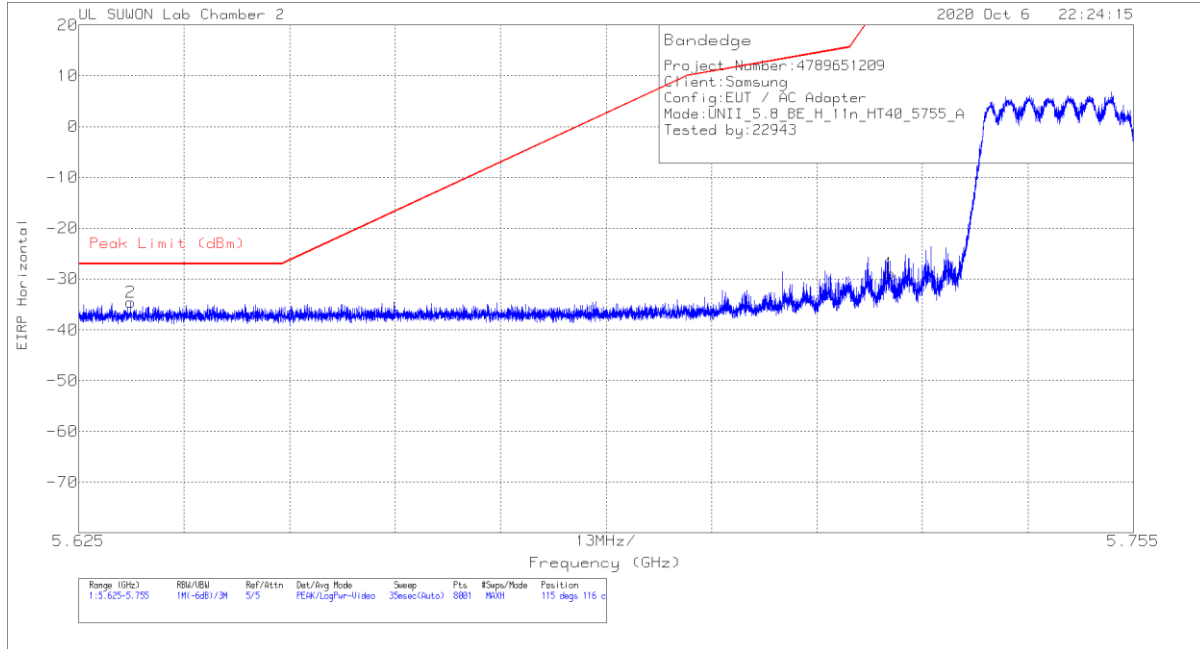
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL PEAK DATA

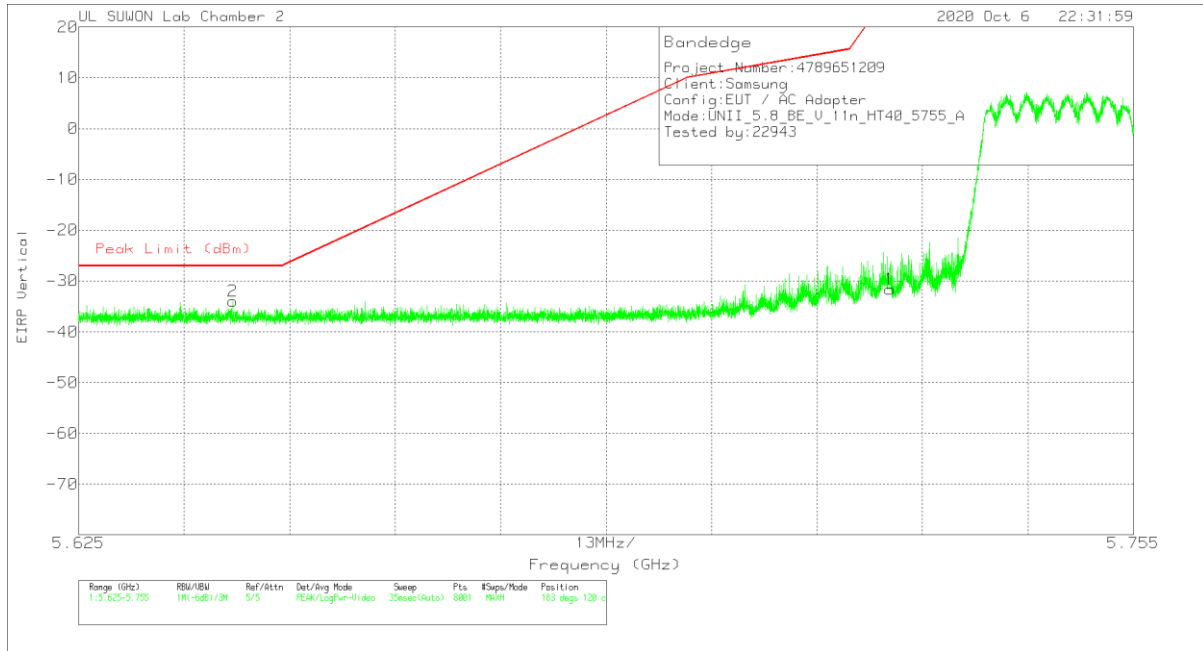


#### Trace Markers

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	-58.35	Pk	34.7	-17.1	11.8	0	-28.95	26.97	-55.92	115	116	H
2	5.6314	-63.76	Pk	34.6	-17.2	11.8	0	-34.56	-27	-7.56	115	116	H

Pk - Peak detector

**VERTICAL PEAK DATA**



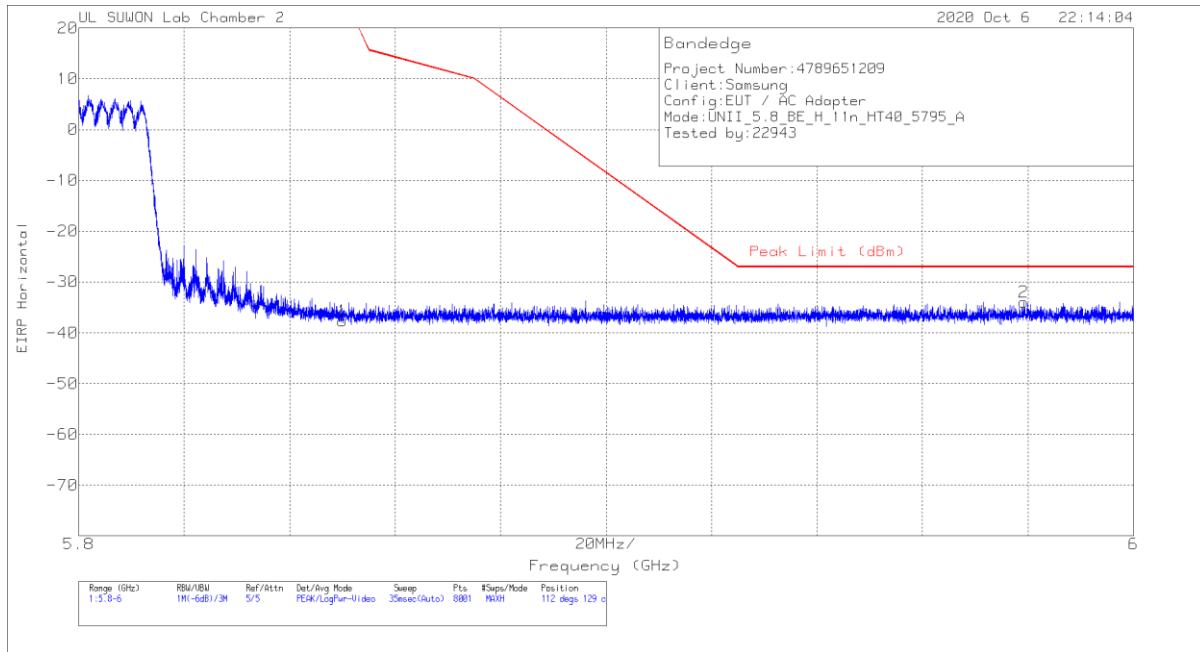
**Trace Markers**

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	-61	Pk	34.7	-17.1	11.8	0	-31.6	26.97	-58.57	183	120	V
2	5.64403	-63.1	Pk	34.6	-17.3	11.8	0	-34	-27	-7	183	120	V

Pk - Peak detector

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL PEAK DATA**



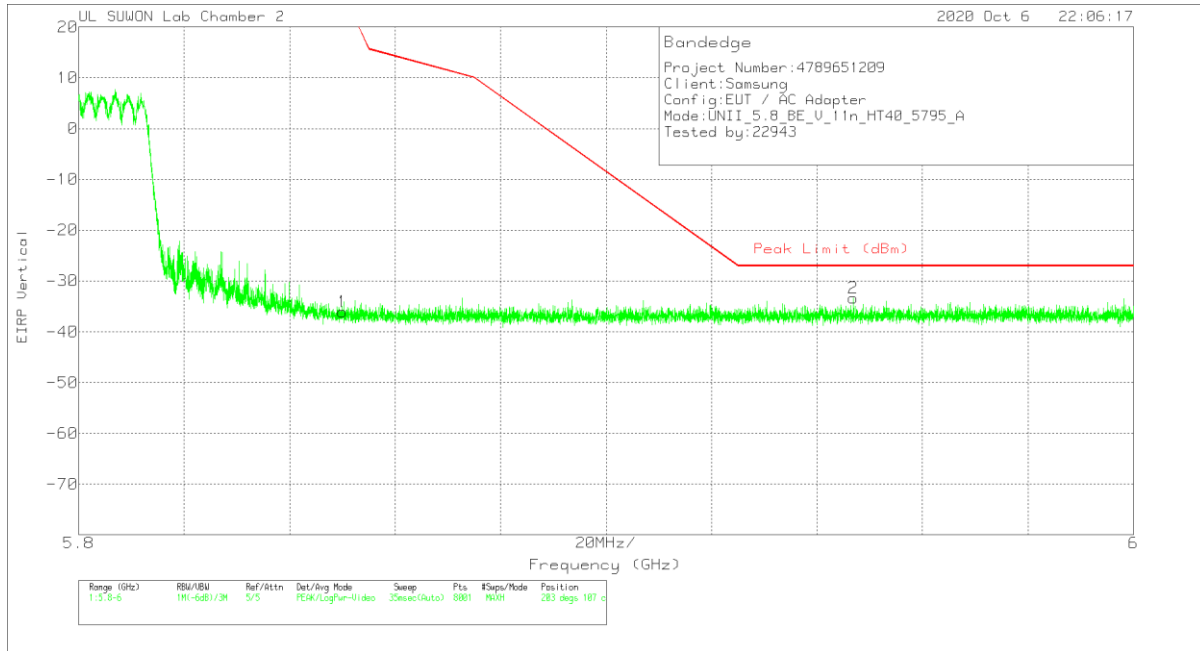
**Trace Markers**

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	-67.42	PK	34.9	-16.9	11.8	0	-37.62	26.94	-64.56	112	129	H
2	5.97923	-64.12	PK	35.1	-16.7	11.8	0	-33.92	-27	-6.92	112	129	H

Pk - Peak detector



**VERTICAL PEAK DATA**



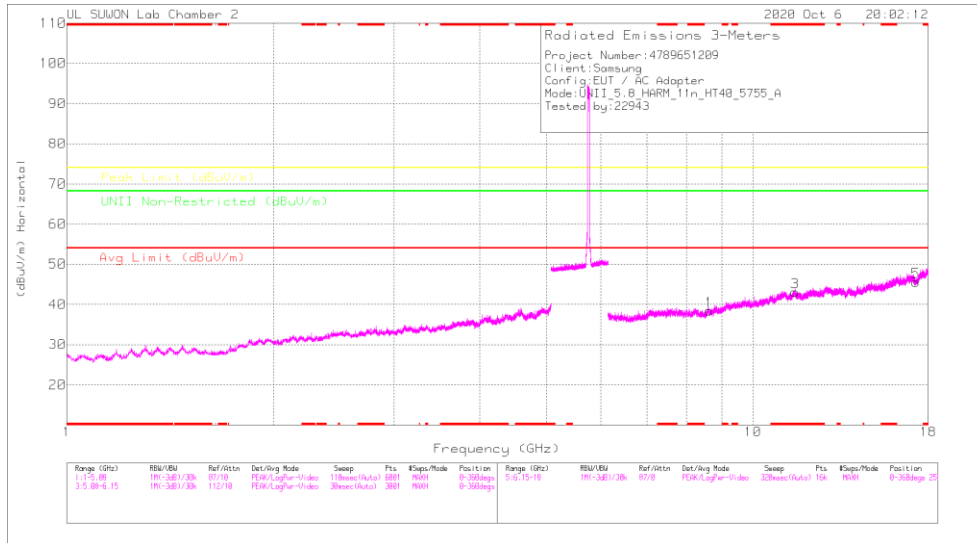
**Trace Markers**

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	-65.82	Pk	34.9	-16.9	11.8	0	-36.02	26.94	-62.96	203	107	V
2	5.94693	-63.5	Pk	35.1	-16.8	11.8	0	-33.4	-27	-6.4	203	107	V

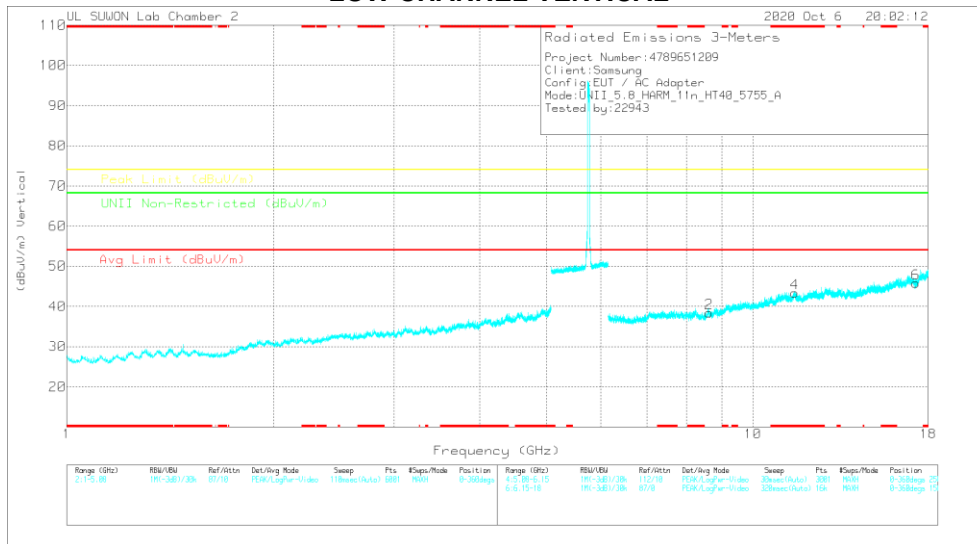
Pk - Peak detector

**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.

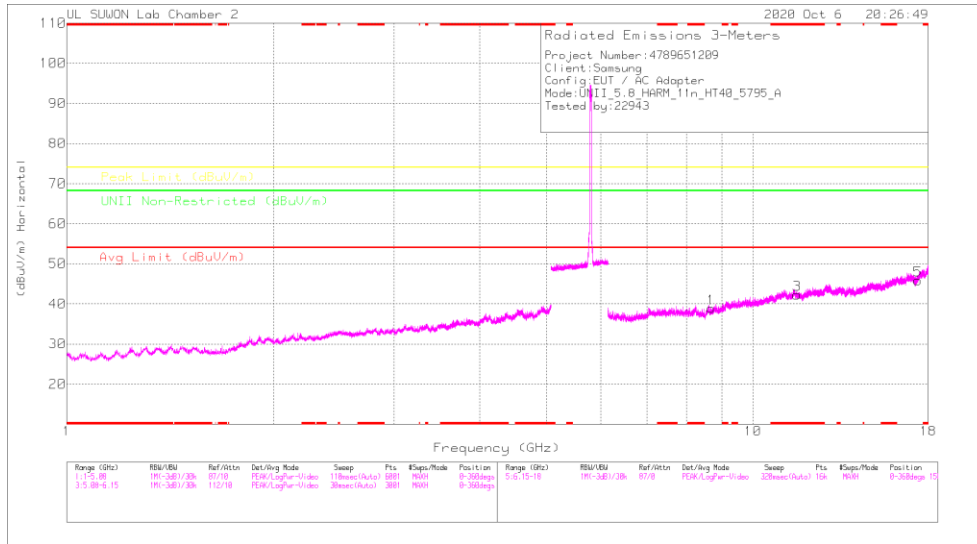
**LOW CHANNEL DATA**

**Radiated Emissions**

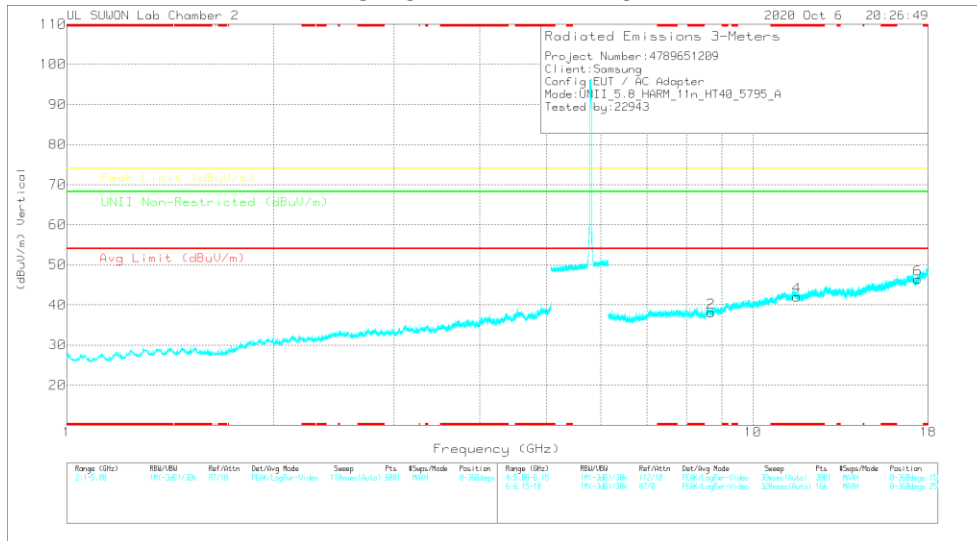
Frequency (GHz)	Main Reading (dBuV)	Det	317_00168724	6GHz_HPS(B)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (cm)	Polarity
8.63427	33.8	PK-U	36.1	-21.4	0	48.5	-	-	-	-	68.2	-19.7	360	100	H
8.63081	34.11	PK-U	36.1	-21.3	0	48.91	-	-	-	-	68.2	-19.29	360	100	V
* 11.51169	33.9	PK-U	38.3	-19.1	0	53.1	-	-	74	-20.9	-	-	360	100	H
* 11.51071	33.51	PK-U	38.3	-19.1	0	52.71	-	-	74	-21.29	-	-	360	100	V
17.26371	34.54	PK-U	40.9	-18.4	0	57.04	-	-	-	-	68.2	-11.16	360	100	H
17.26338	34.74	PK-U	40.9	-18.4	0	57.24	-	-	-	-	68.2	-10.96	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)	Meas Reading (dBuV)	Det	317_00168724	6GHz_HPS[S]	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 (feet)	Height (m)	Polarity
8.69295	35.43	PK-U	36.2	-22.2	0	49.43	-	-	-	-	68.2	-18.77	360	100	H
8.69137	34.63	PK-U	36.2	-22.3	0	48.53	-	-	-	-	68.2	-19.67	360	100	V
* 11.58934	33.91	PK-U	38.4	-19.4	0	52.91	-	-	74	-21.09	-	-	360	100	H
* 11.59097	33.4	PK-U	38.4	-19.4	0	52.4	-	-	74	-21.6	-	-	360	100	V
17.38628	34.17	PK-U	41	-18.3	0	56.87	-	-	-	-	68.2	-11.33	360	100	H
17.38402	34.4	PK-U	41	-18.1	0	57.3	-	-	-	-	68.2	-10.9	360	100	V

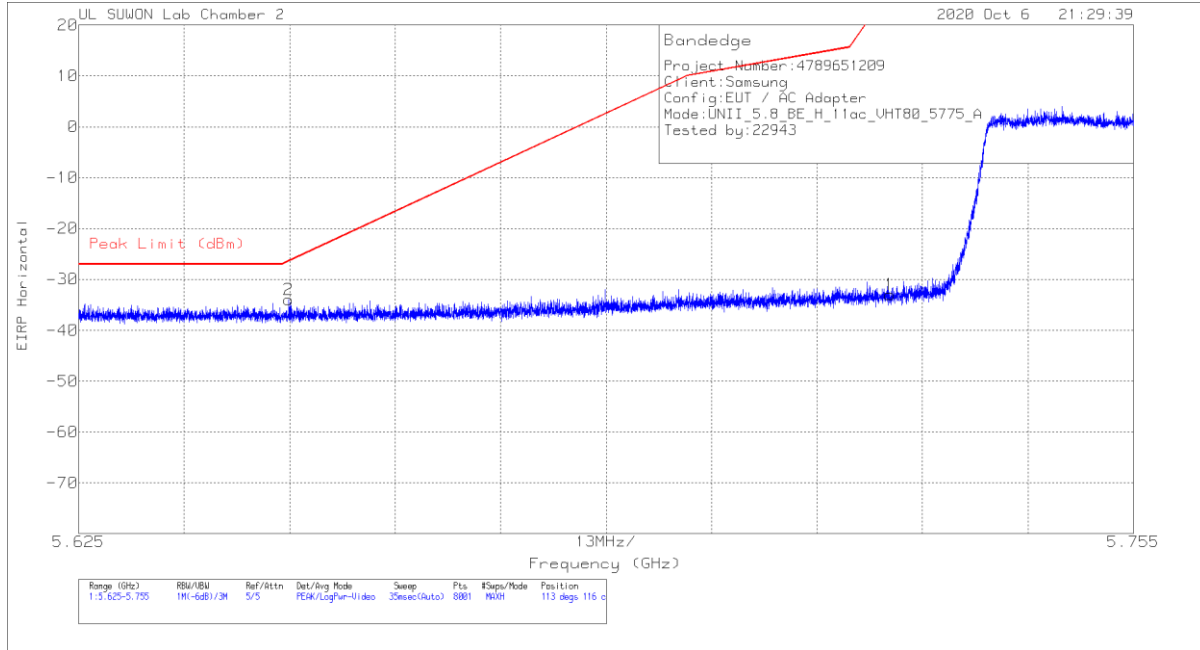
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

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

**BANDEDGE (Lower side)**

**HORIZONTAL PEAK DATA**

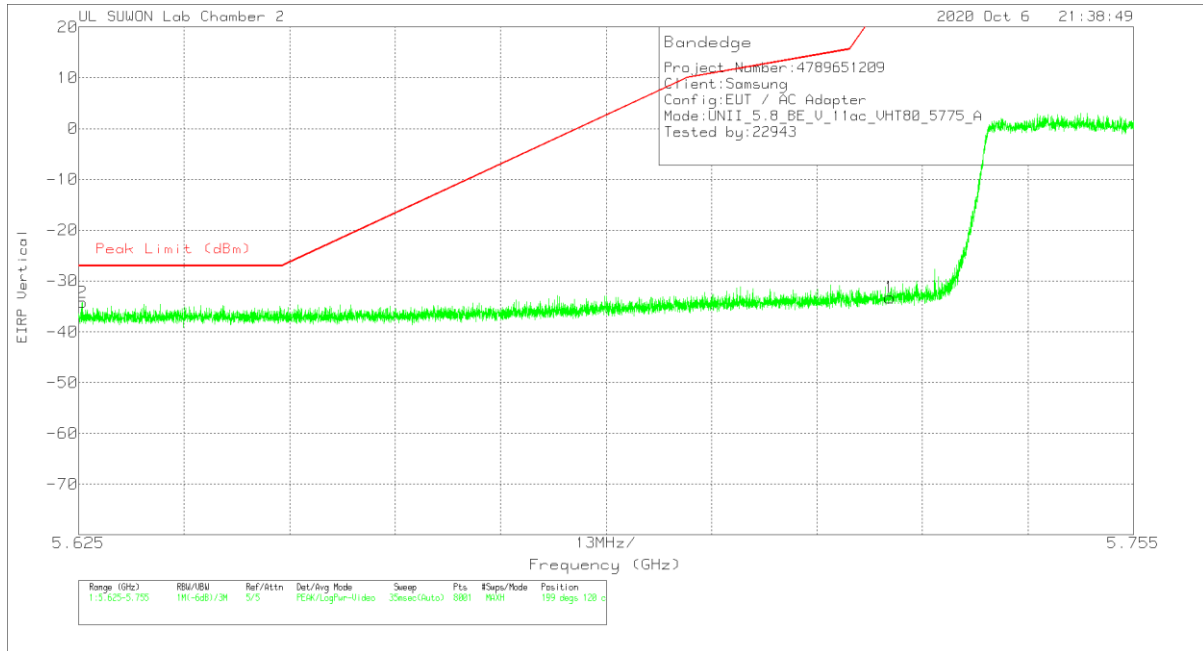


**Trace Markers**

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	-62.37	Pk	34.7	-17.1	11.8	0	-32.97	26.97	-59.94	113	116	H
2	5.65087	-63.08	Pk	34.6	-17.3	11.8	0	-33.98	-26.36	-7.62	113	116	H

PK - Peak detector

**VERTICAL PEAK DATA**



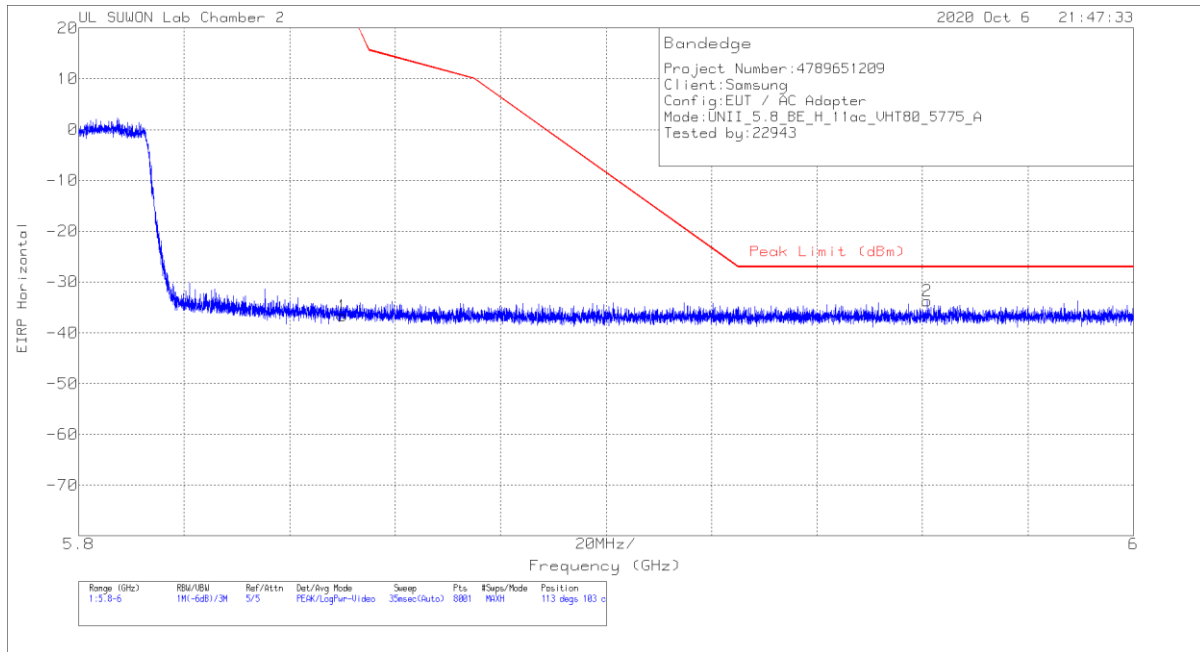
**Trace Markers**

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	-62.68	Pk	34.7	-17.1	11.8	0	-33.28	26.97	-60.25	199	120	V
2	5.62542	-63.27	Pk	34.6	-17.3	11.8	0	-34.17	-27	-7.17	199	120	V

Pk - Peak detector

**BANDEDGE (Upper side)**

**HORIZONTAL PEAK DATA**

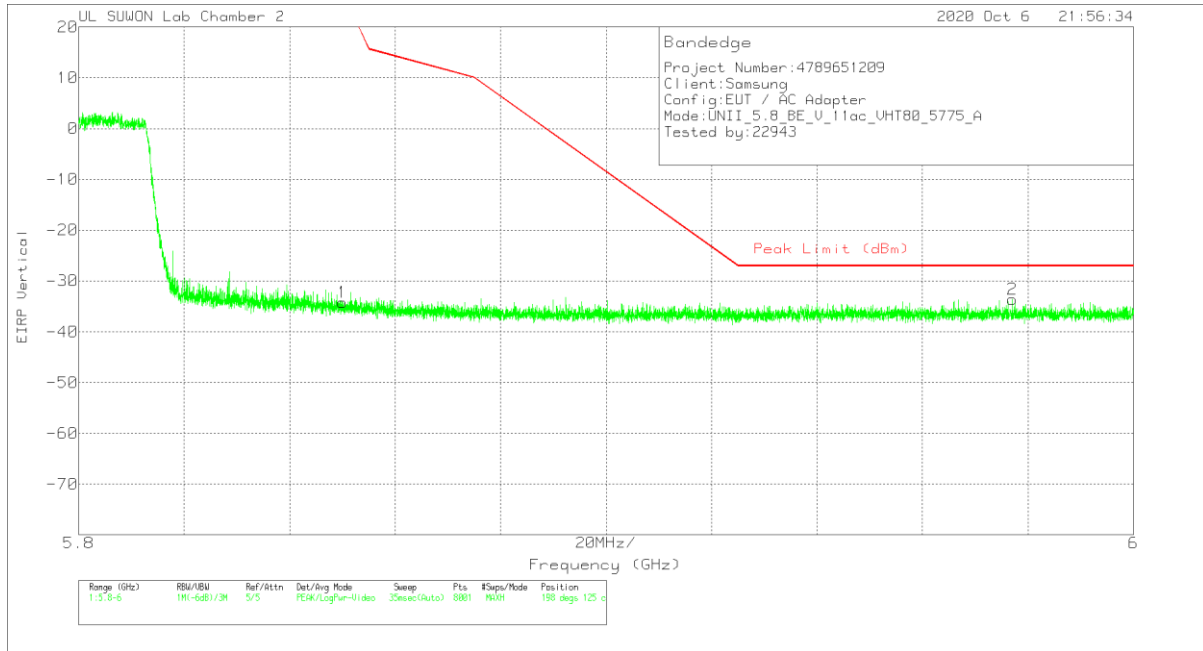


**Trace Markers**

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	5.85003	-66.45	Pk	34.9	-16.9	11.8	0	-36.65	26.94	-63.59	113	103	H
2	5.96088	-63.67	Pk	35.1	-16.9	11.8	0	-33.67	-27	-6.67	113	103	H

Pk - Peak detector

**VERTICAL PEAK DATA**



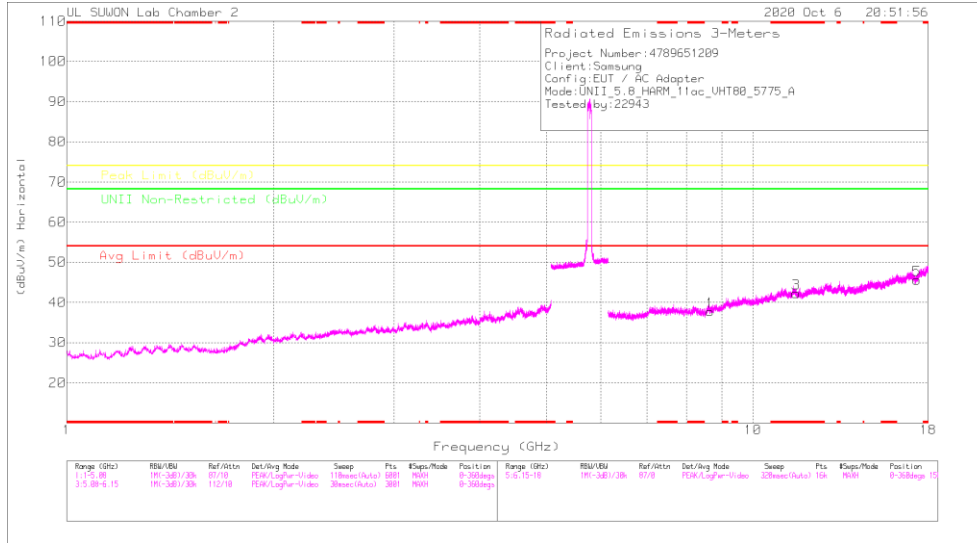
**Trace Markers**

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	-63.96	Pk	34.9	-16.9	11.8	0	-34.16	26.94	-61.1	198	125	V
2	5.97708	-63.73	Pk	35.1	-16.8	11.8	0	-33.63	-27	-6.63	198	125	V

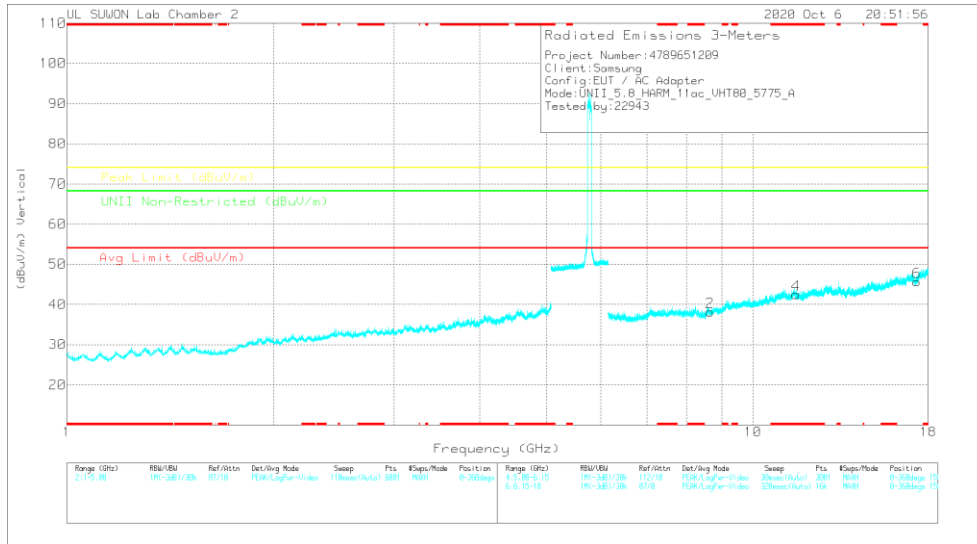
Pk - Peak detector

**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)	Main Reading (dBuV)	Det	317_00168724	6GHz_HPS(S)	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 (cm)	Polarity
8.66094	34.24	PK-U	36.2	-21.9	0	48.54	-	-	-	-	68.2	-19.66	360	100	H
8.66251	34.08	PK-U	36.2	-21.9	0	48.38	-	-	-	-	68.2	-19.82	360	100	V
* 11.55031	33.97	PK-U	38.3	-19.1	0	53.17	-	-	74	-20.83	-	-	360	100	H
* 11.55095	33.61	PK-U	38.3	-19.1	0	52.81	-	-	74	-21.19	-	-	360	100	V
17.32884	34.43	PK-U	40.9	-18.4	0	56.93	-	-	-	-	68.2	-11.27	360	100	H
17.32839	33.96	PK-U	40.9	-18.4	0	56.46	-	-	-	-	68.2	-11.74	360	100	V

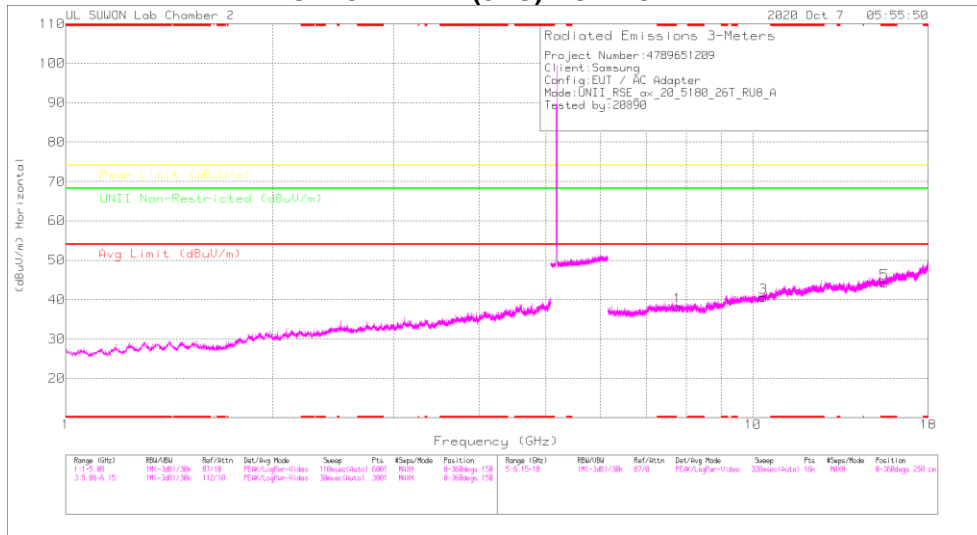
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak



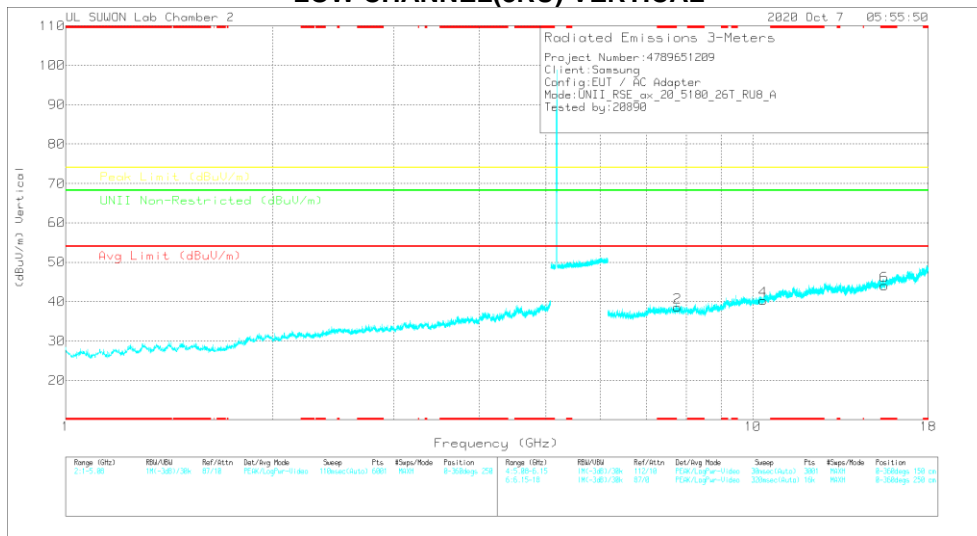
## 11.5. 5.2 GHz(802.11ax RU mode)

### 11.5.1. TX ABOVE 1GHz HE20(RU) 2Tx MODE IN THE 5.2GHz BAND HARMONICS AND SPURIOUS EMISSIONS

#### LOW CHANNEL(8RU) HORIZONTAL



#### LOW CHANNEL(8RU) 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.

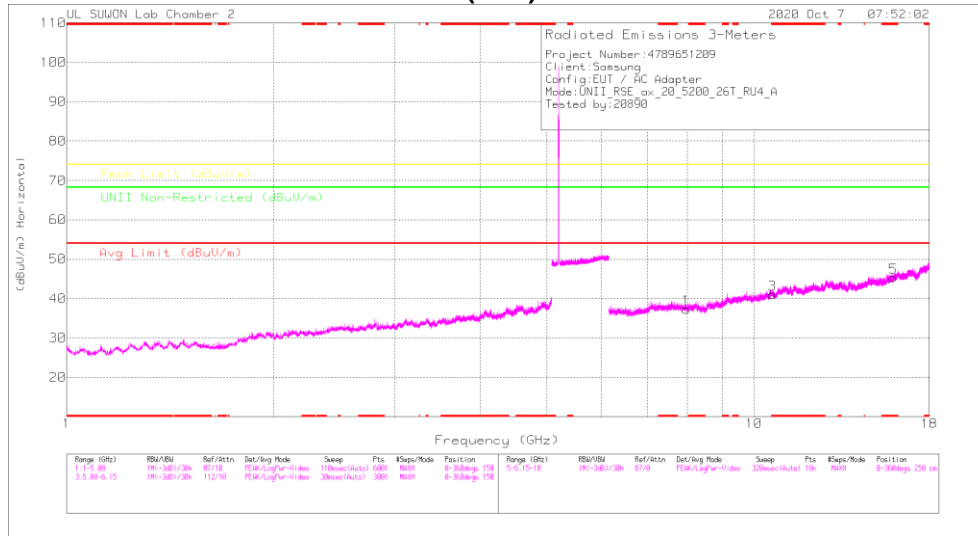
#### LOW CHANNEL(8RU) DATA

##### Radiated Emissions

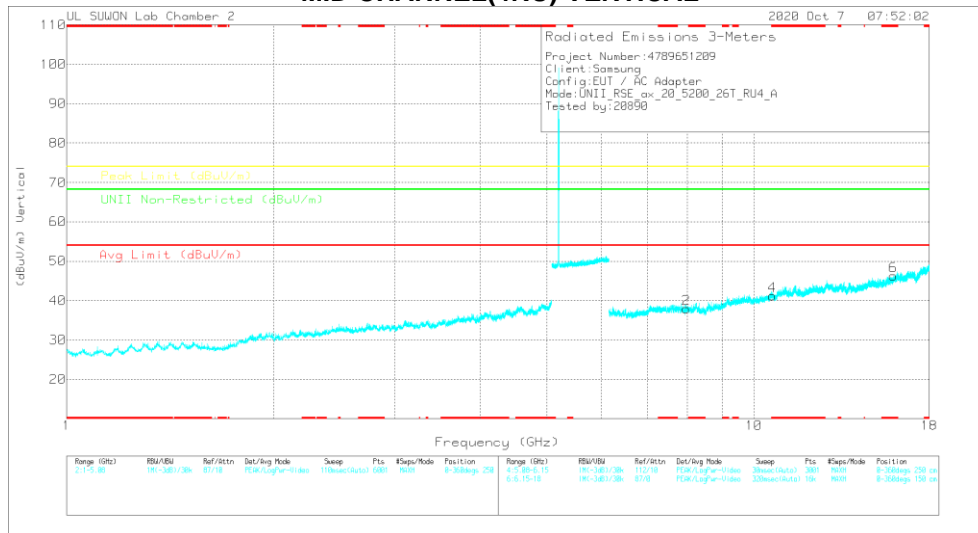
Frequency (GHz)	Meas Reading (dBuV)	Det	317_00168724	6GHz_HPS(8)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (cm)	Polarity
7.76739	35.94	PK-U	36	-23.2	0	48.74	-	-	-	-	68.2	-19.46	0	100	H
7.77873	35.41	PK-U	36	-23	0	48.41	-	-	-	-	68.2	-19.79	0	100	V
10.35799	32.92	PK-U	37.7	-20	0	50.62	-	-	-	-	68.2	-17.58	0	100	H
10.364	33.15	PK-U	37.7	-20.1	0	50.75	-	-	-	-	68.2	-17.45	0	100	V
* 15.53901	34.39	PK-U	40	-19.4	0	54.99	-	-	74	-19.01	-	-	0	100	H
* 15.54621	34.42	PK-U	40	-19.4	0	55.02	-	-	74	-18.98	-	-	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.

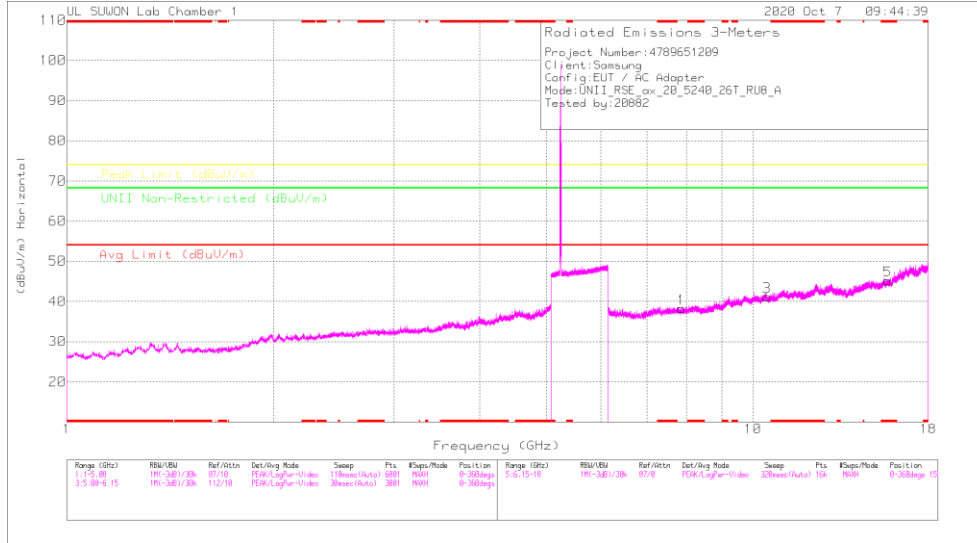
**MID CHANNEL(4RU) DATA**

**Radiated Emissions**

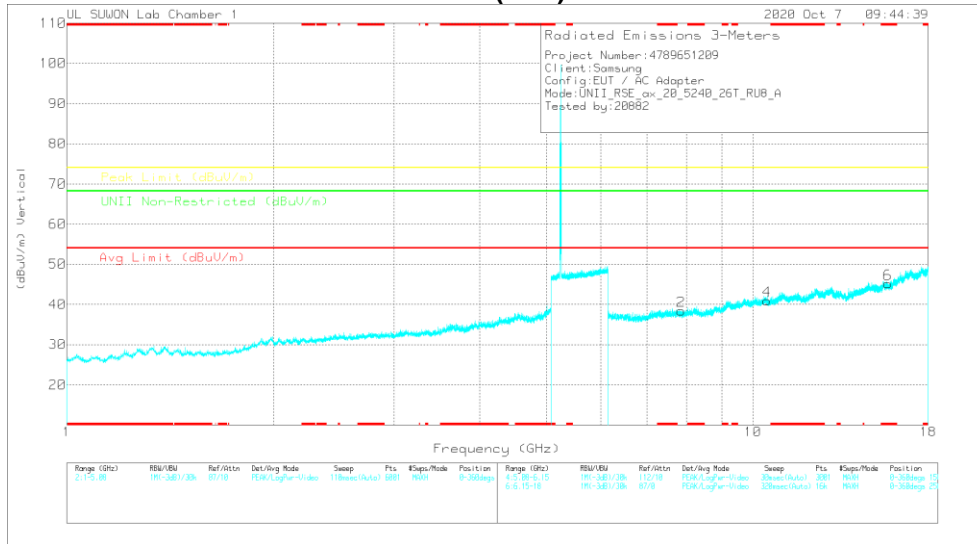
Frequency (GHz)	Meas Reading (dBuV)	Det	317_00168724	6GHz_HPSRB	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (m)	Polarity
7.9714	35.95	PK-U	36	-23.4	0	48.35	-	-	-	-	68.2	-19.85	0	100	H
7.9717	35.92	PK-U	36	-23.1	0	48.02	-	-	-	-	68.2	-19.28	0	100	V
* 10.64896	32.89	PK-U	37.9	-18.8	0	51.89	-	-	74	-22.11	-	-	0	100	H
* 10.6372	33.02	PK-U	37.9	-19	0	51.92	-	-	74	-22.08	-	-	0	100	V
* 15.95305	34.78	PK-U	40.6	-19.5	0	55.88	-	-	74	-18.12	-	-	0	100	H
* 15.95971	34.68	PK-U	40.6	-19.2	0	56.08	-	-	74	-17.92	-	-	0	100	V

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

### HIGH CHANNEL(8RU) HORIZONTAL



### HIGH CHANNEL(8RU) 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(8RU) DATA

#### Radiated Emissions

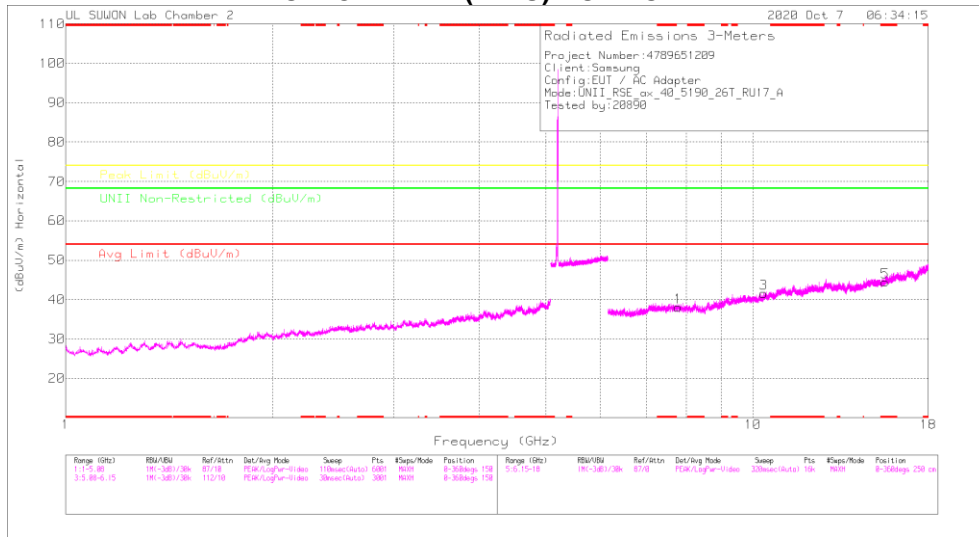
Frequency (GHz)	Main Reading (dBuV)	Dist	317_00168717	6GHz_HF[S]	DC Corr (dB)	Combed Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Admstr (Drops)	Height (cm)	Polarity
7.85876	39.64	PK-U		35.9	-26.5	0	49.04	-	-	-	68.2	-19.16	0	100	H
7.8599	39.3	PK-U		35.9	-26.5	0	48.7	-	-	-	68.2	-19.5	0	100	V
10.47013	36.73	PK-U		37.9	-22.1	0	52.53	-	-	-	68.2	-15.67	0	100	H
10.47322	36.19	PK-U		37.9	-22.2	0	51.88	-	-	-	68.2	-16.32	0	100	V
* 15.71856	36.43	PK-U		40.1	-21	0	55.53	-	74	-18.47	-	-	0	100	H
* 15.7194	36.53	PK-U		40.1	-21	0	55.63	-	74	-18.37	-	-	0	100	V

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

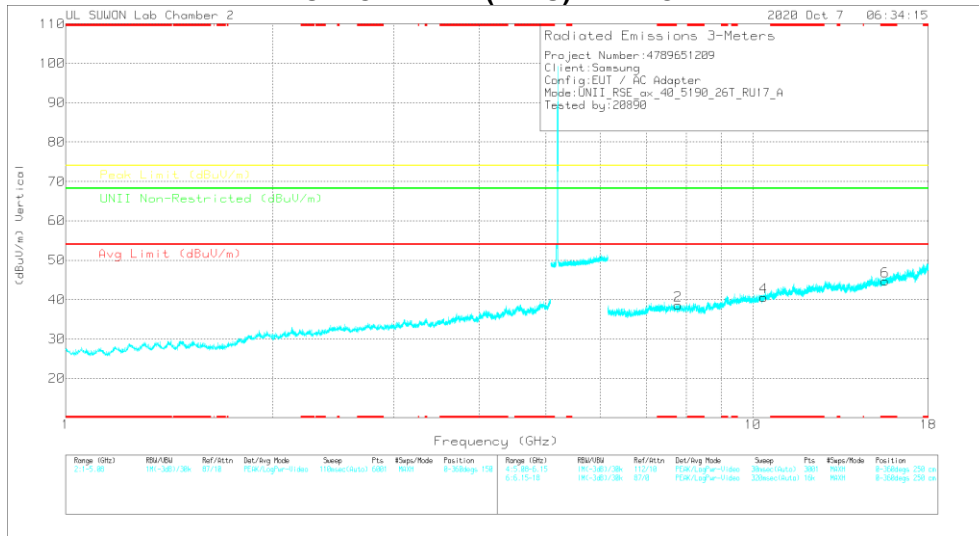
PK-U - U-NII: Maximum Peak

### 11.5.2. TX ABOVE 1GHz HE40(RU) 2Tx MODE IN THE 5.2GHz BAND HARMONICS AND SPURIOUS EMISSIONS

#### LOW CHANNEL(17RU) HORIZONTAL



#### LOW CHANNEL(17RU) 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(17RU) DATA

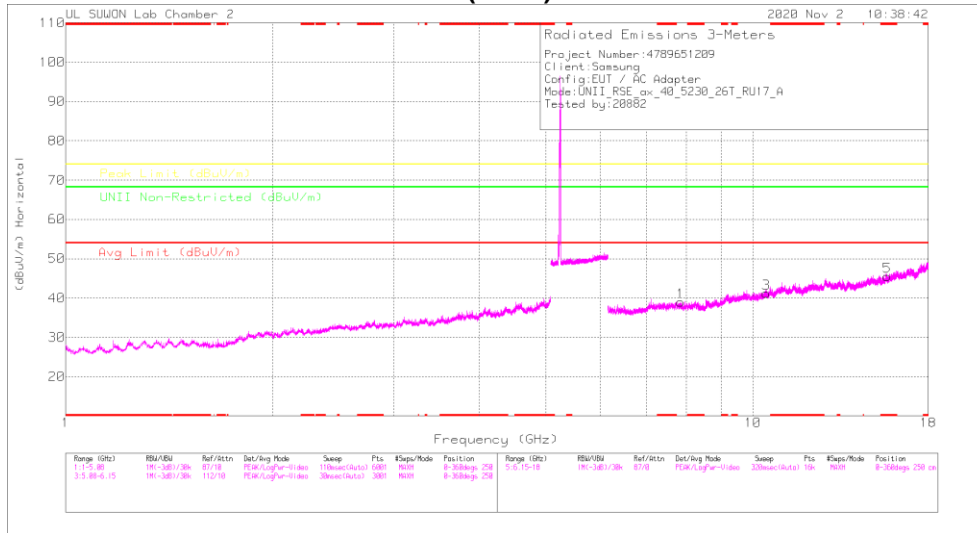
##### Radiated Emissions

Frequency (GHz)	Max Reading (dBuV)	Det	317_0016B724	6GHz_HPS(B)	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
7.78825	36.14	PK-U	36	-23.1	0	49.04	-	-	-	-	68.2	-19.16	0	100	H
7.78228	36.05	PK-U	36	-23.1	0	48.95	-	-	-	-	68.2	-19.25	0	100	V
10.3796	33.51	PK-U	37.7	-20.2	0	51.01	-	-	-	-	68.2	-17.19	0	100	H
10.37639	33.45	PK-U	37.7	-20.2	0	50.95	-	-	-	-	68.2	-17.25	0	100	V
* 15.57366	34.12	PK-U	40	-19.5	0	54.62	-	-	74	-19.38	-	-	0	100	H
* 15.57828	33.92	PK-U	40	-19.6	0	54.32	-	-	74	-19.68	-	-	0	100	V

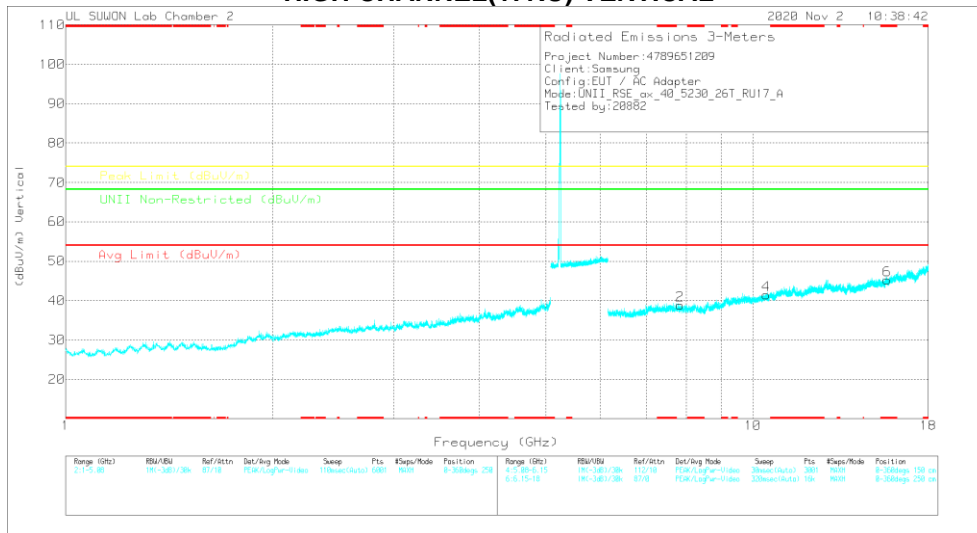
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

### HIGH CHANNEL(17RU) HORIZONTAL



### HIGH CHANNEL(17RU) 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(17RU) DATA

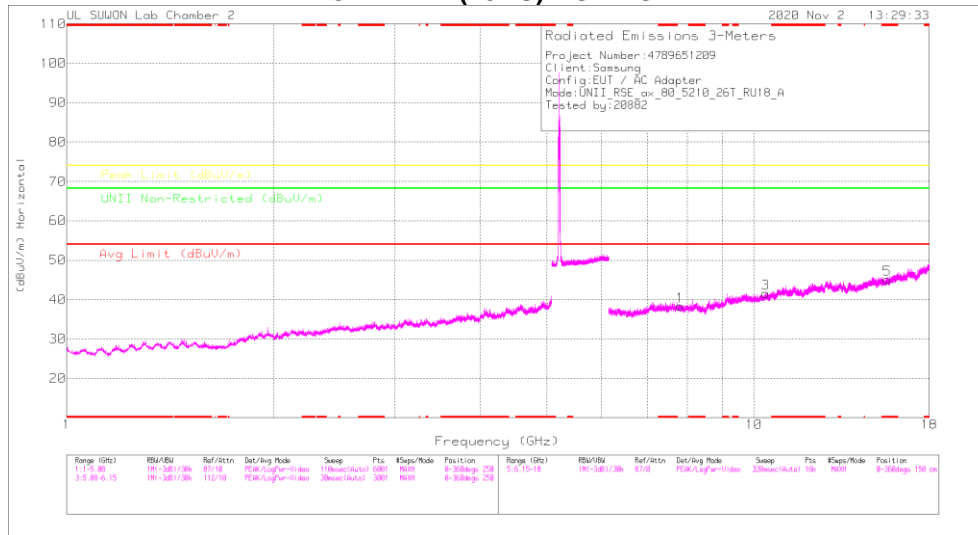
#### Radiated Emissions

Frequency (GHz)	Meas Reading (dBuV)	Det	317_00168724	6GHz_HPSDR	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 (m)	Polarity
7.94923	36.44	PK-U	36	-23.7	0	48.74	-	-	-	-	68.2	-19.46	360	100	H
7.84611	36.57	PK-U	36	-23.6	0	48.97	-	-	-	-	68.2	-19.23	360	100	V
10.46096	33.57	PK-U	37.8	-19.8	0	51.47	-	-	-	-	68.2	-16.73	360	100	H
10.46151	33.2	PK-U	37.8	-19.9	0	51.1	-	-	-	-	68.2	-17.1	360	100	V
* 15.6902	35.13	PK-U	40.2	-19.4	0	55.93	-	-	74	-18.07	-	-	360	100	H
* 15.69013	34.51	PK-U	40.2	-19.4	0	55.31	-	-	74	-18.69	-	-	360	100	V

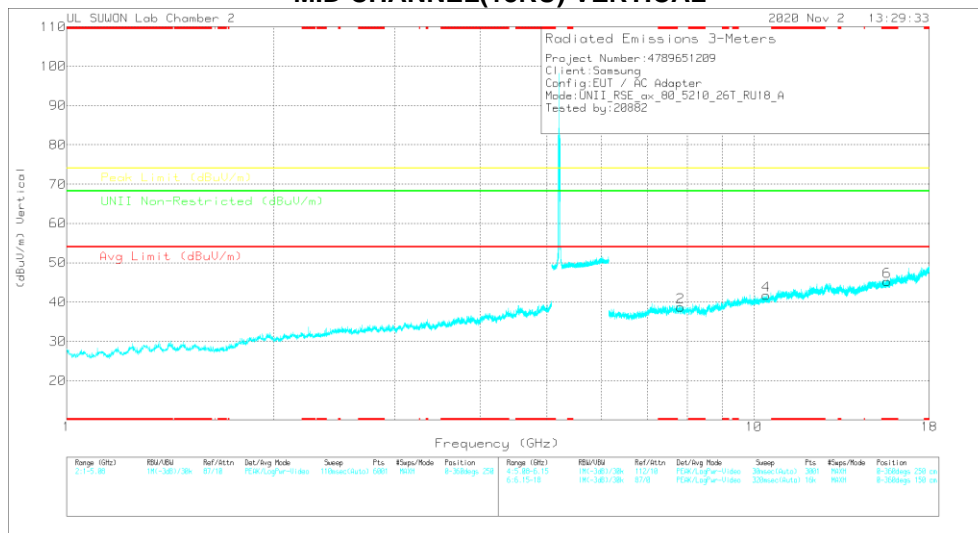
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak

### 11.5.3. TX ABOVE 1GHz HE80(RU) 2Tx MODE IN THE 5.2GHz BAND HARMONICS AND SPURIOUS EMISSIONS

#### MID CHANNEL(18RU) HORIZONTAL



#### MID CHANNEL(18RU) 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(18RU) DATA

##### Radiated Emissions

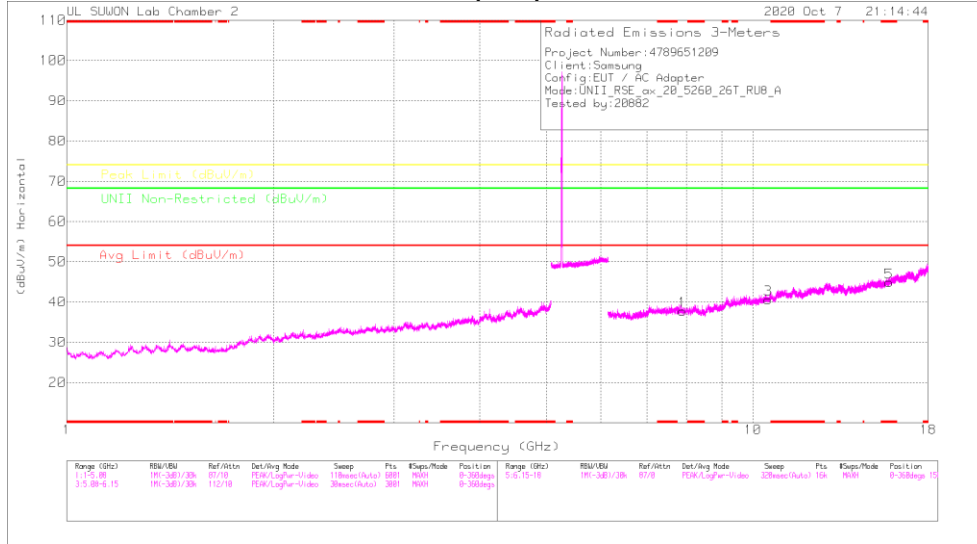
Frequency (GHz)	Main Reading (dBuV)	Det	317_00168724	6GHz_HF[S]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (cm)	Polarity
7.81023	36.23	PK-U	36	-23.5	0	48.73	-	-	-	-	68.2	-19.47	360	100	H
7.81347	36.42	PK-U	36	-23.6	0	48.82	-	-	-	-	68.2	-19.38	360	100	V
10.4206	33.51	PK-U	37.7	-20.1	0	51.11	-	-	-	-	68.2	-17.09	360	100	H
10.42002	33.63	PK-U	37.7	-20.1	0	51.23	-	-	-	-	68.2	-16.97	360	100	V
* 15.62833	34.88	PK-U	40.1	-19.5	0	55.48	-	-	74	-18.52	-	-	360	100	H
* 15.62819	35.02	PK-U	40.1	-19.5	0	55.62	-	-	74	-18.38	-	-	360	100	V

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

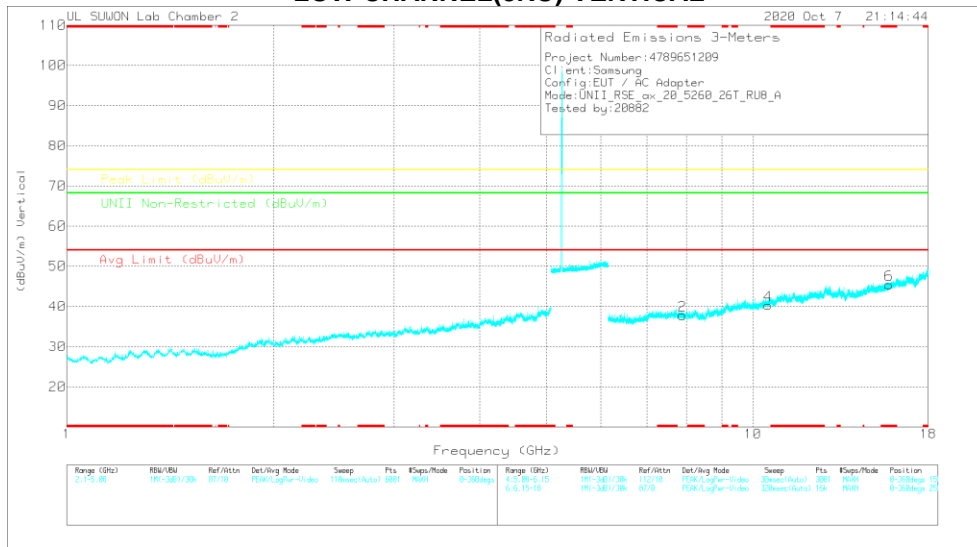
PK-U - U-NII: Maximum Peak

**11.6. 5.3 GHz(802.11ax RU mode)**  
**11.6.1. TX ABOVE 1 GHz HE20(RU) 2Tx MODE IN THE 5.3 GHz BAND**  
**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL(8RU) HORIZONTAL**



**LOW CHANNEL(8RU) 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.

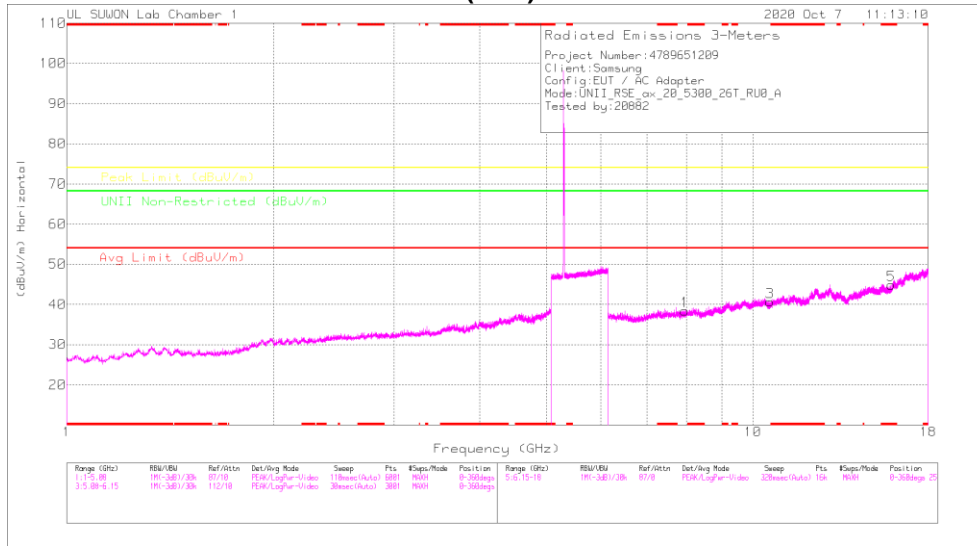
**LOW CHANNEL(8RU) DATA**

**Radiated Emissions**

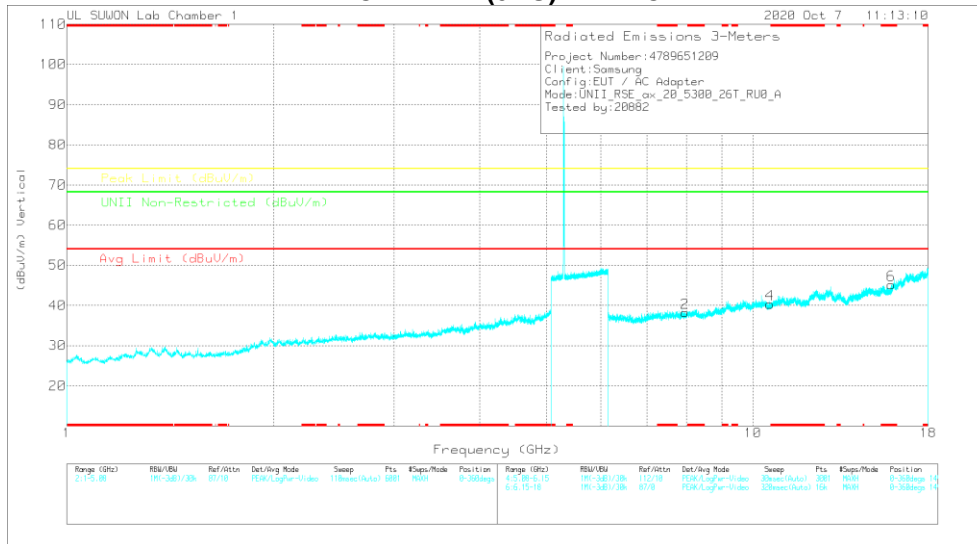
Frequency (GHz)	Main Reading (dBm)	Det	317_00168724	6GHz_HPS(B)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	Margin (dB)	UNII Non-Restricted (dBm)	Margin (dB)	Altitude (dBS)	Height (cm)	Polarity
7.89161	36.75	PK-U	36	-23.7	0	40.05	-	-	-	-	68.2	-19.12	0	100	H
7.88833	36.48	PK-U	36	-23.7	0	48.78	-	-	-	-	68.2	-19.42	0	100	V
10.51812	33.33	PK-U	37.8	-19.8	0	51.33	-	-	-	-	68.2	-16.87	0	100	H
10.52095	33.25	PK-U	37.8	-19.8	0	51.25	-	-	-	-	68.2	-16.95	0	100	V
* 15.78035	34.92	PK-U	40.3	-19.5	0	55.72	-	-	74	-18.28	-	-	0	100	H
* 15.78043	35.19	PK-U	40.3	-19.6	0	55.89	-	-	74	-18.11	-	-	0	100	V

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

**MID CHANNEL(ORU) HORIZONTAL**



**MID CHANNEL(ORU) 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(ORU) DATA**

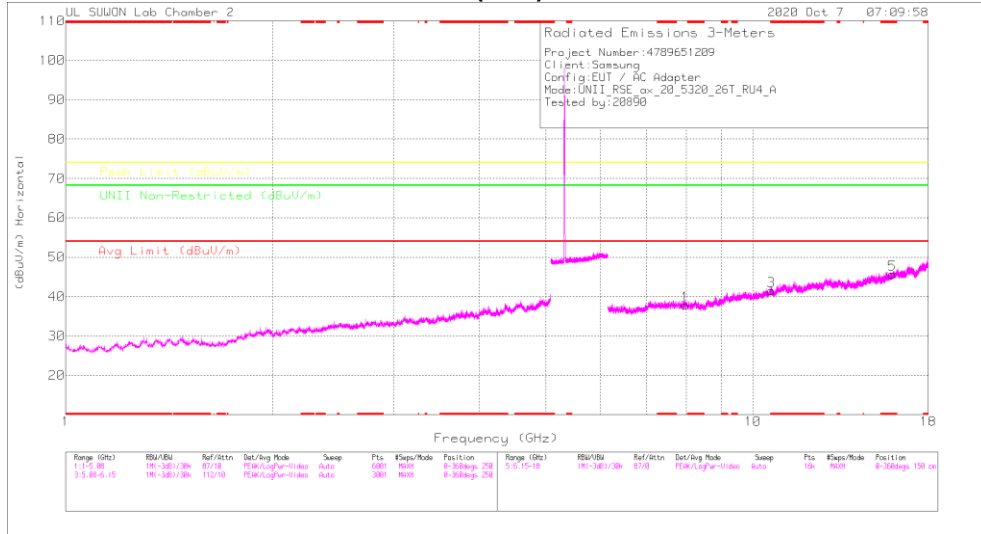
**Radiated Emissions**

Frequency (GHz)	Mean Reading (dBuV)	Det	317_00168717	6GHz_HPSRB	DC Corr (dB)	Conducted Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI1 Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (cm)	Polarity
7.95241	38.77	PK-U	36	-26.1	0	48.87	-	-	-	-	68.2	-19.53	0	100	H
7.95223	38.97	PK-U	36	-26.1	0	49.87	-	-	-	-	68.2	-19.53	0	100	V
10.5842	35.83	PK-U	37.9	-22.6	0	51.13	-	-	-	-	68.2	-17.07	0	100	H
10.58108	35.92	PK-U	37.9	-22.6	0	51.22	-	-	-	-	68.2	-16.98	0	100	V
* 15.89318	36.18	PK-U	40.3	-21	0	55.48	-	-	74	-18.52	-	-	0	100	H
* 15.8952	36.85	PK-U	40.3	-21	0	56.15	-	-	74	-17.85	-	-	0	100	V

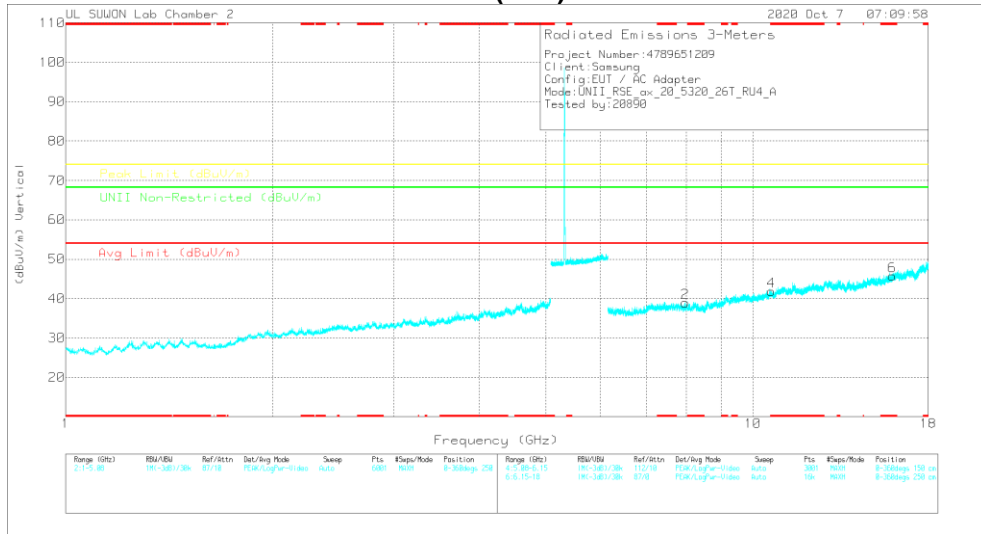
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak



### 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

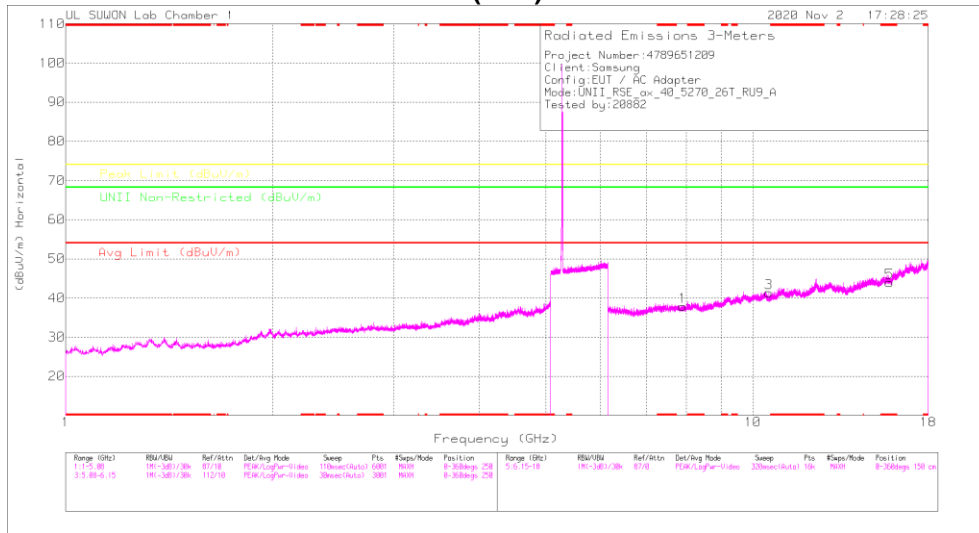
#### Radiated Emissions

Frequency (GHz)	Maxir Reading (dBuV)	Det	317_00168724	6GHz_HPSdB	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 (Height) (m)	Height (m)	Polarity
7.96927	36.19	PK-U	36	-23.3	0	40.89	-	-	-	-	68.2	-18.31	0	100	H
7.97682	36.21	PK-U	36	-23.3	0	40.91	-	-	-	-	68.2	-18.29	0	100	V
* 10.63669	32.95	PK-U	37.9	-18.9	0	51.95	-	-	74	-22.05	-	-	0	100	H
* 10.63307	33.56	PK-U	37.9	-18.9	0	52.56	-	-	74	-21.44	-	-	0	100	V
* 15.96853	34.65	PK-U	40.6	-19.1	0	56.15	-	-	74	-17.85	-	-	0	100	H
* 15.96722	34.38	PK-U	40.6	-19.3	0	55.68	-	-	74	-18.32	-	-	0	100	V

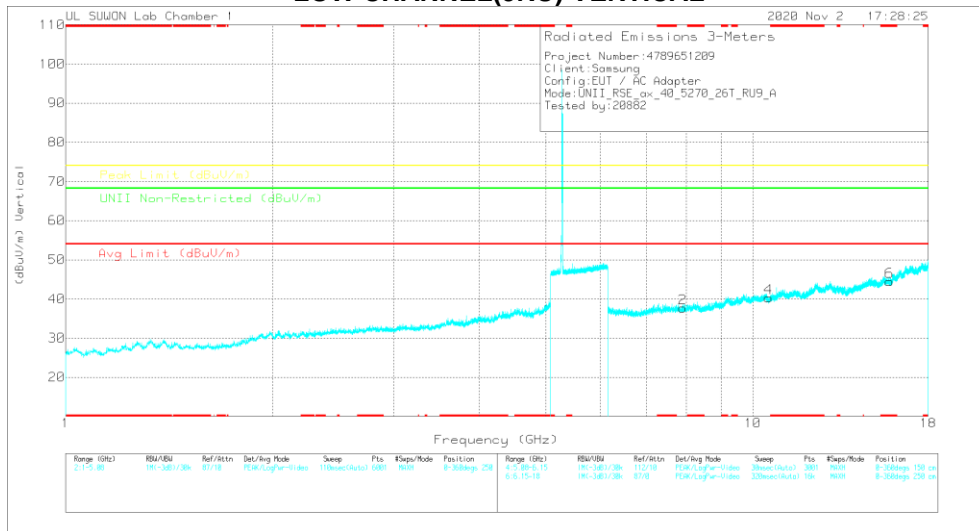
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak

**11.6.2. TX ABOVE 1GHz HE40(RU) 2Tx MODE IN THE 5.3GHz BAND  
 HARMONICS AND SPURIOUS EMISSIONS**

**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**

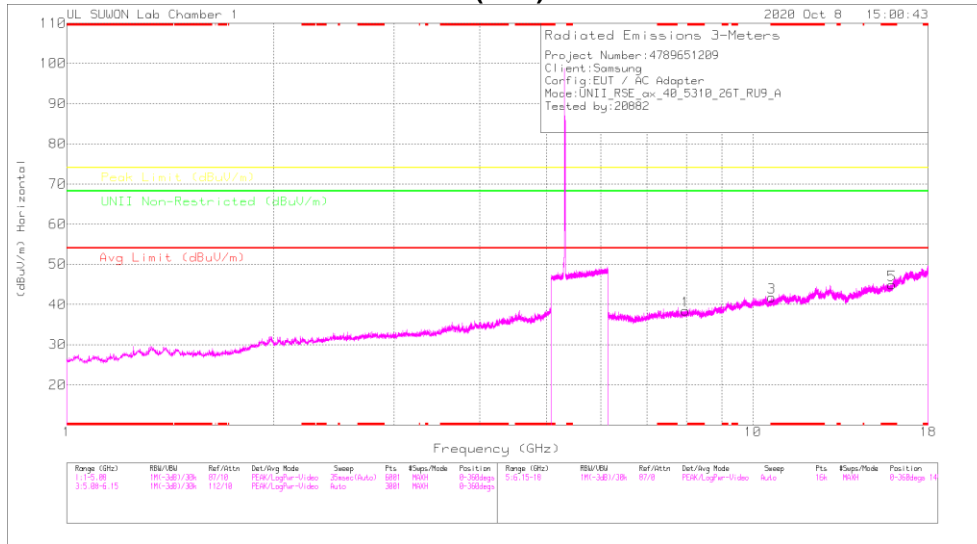
**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBu)	Det	317_00168717	6GHz_HF[dB]	DC Corr (dB)	Corrected Reading (dBu/m)	Avg Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	Margin (dB)	UNII Non-Restricted (dBu/m)	Margin (dB)	Altitude (Dips)	Height (cm)	Polarity
7.90595	38.97	PK-U	35.9	-26.4	0	48.47	-	-	-	-	68.2	-19.73	360	100	H
7.90584	38.56	PK-U	35.9	-26.4	0	48.06	-	-	-	-	68.2	-20.14	360	100	V
10.5429	35.66	PK-U	37.9	-22.6	0	50.96	-	-	-	-	68.2	-17.24	360	100	H
10.54294	34.82	PK-U	37.9	-22.7	0	50.02	-	-	-	-	68.2	-18.18	360	100	V
* 15.81028	36.07	PK-U	40.2	-21.1	0	55.17	-	-	74	-18.83	-	-	360	100	H
* 15.81056	36.4	PK-U	40.2	-21.1	0	55.5	-	-	74	-18.5	-	-	360	100	V

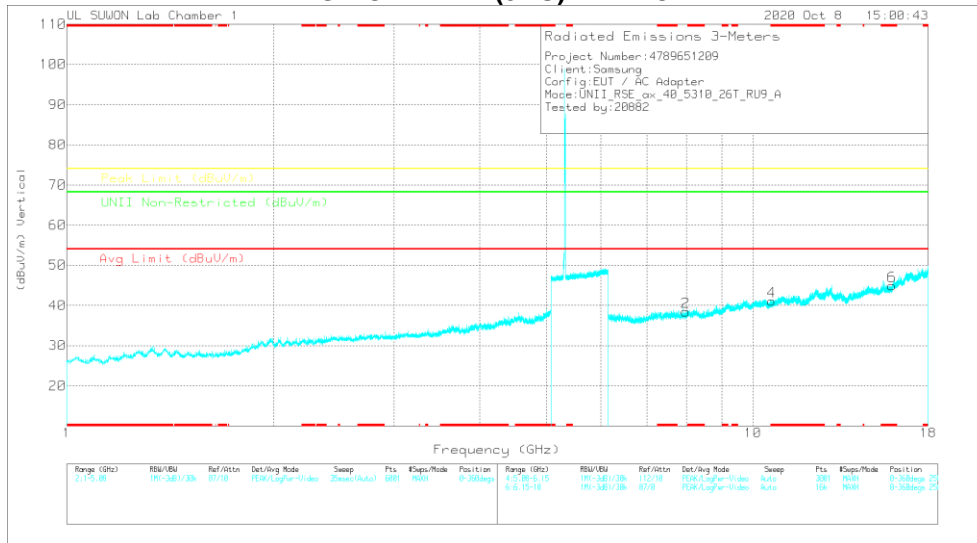
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

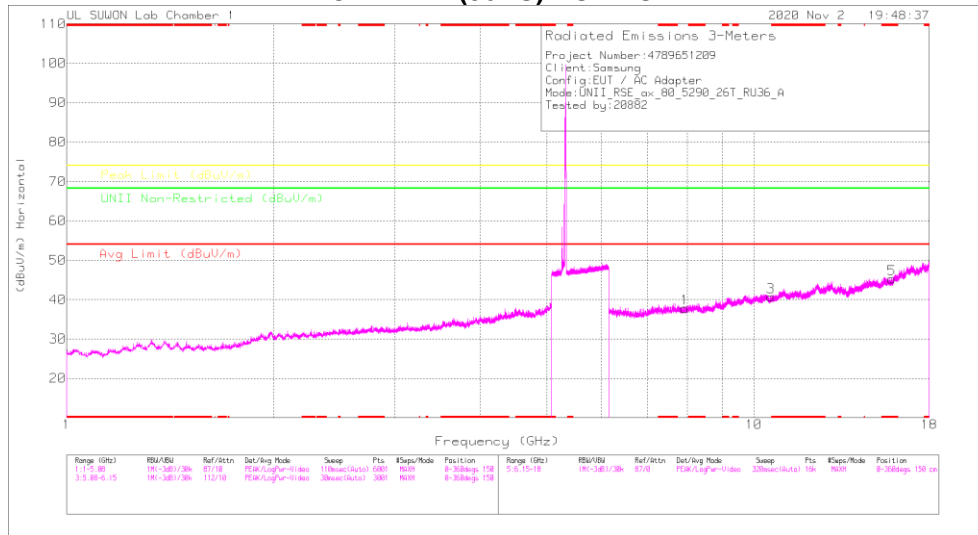
Frequency (GHz)	Max Reading (dBuV)	Dir	0117_00160717	SQL_HF(S)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Deg)	Height (cm)	Polarity
7.96669	39.28	PK-U	36	-25.9	0	49.38	-	-	-	-	68.2	-18.82	360	100	H
7.96863	39.51	PK-U	36	-25.9	0	49.61	-	-	-	-	68.2	-18.59	360	100	V
* 10.63347	36.59	PK-U	38	-22.2	0	52.39	-	-	74	-21.61	-	-	0	100	H
* 10.64053	36.18	PK-U	38	-22.1	0	52.08	-	-	74	-21.92	-	-	0	100	V
* 15.93998	36.48	PK-U	40.3	-20.9	0	55.88	-	-	74	-18.12	-	-	360	100	H
* 15.93773	36.03	PK-U	40.3	-21	0	55.33	-	-	74	-18.67	-	-	360	100	V

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

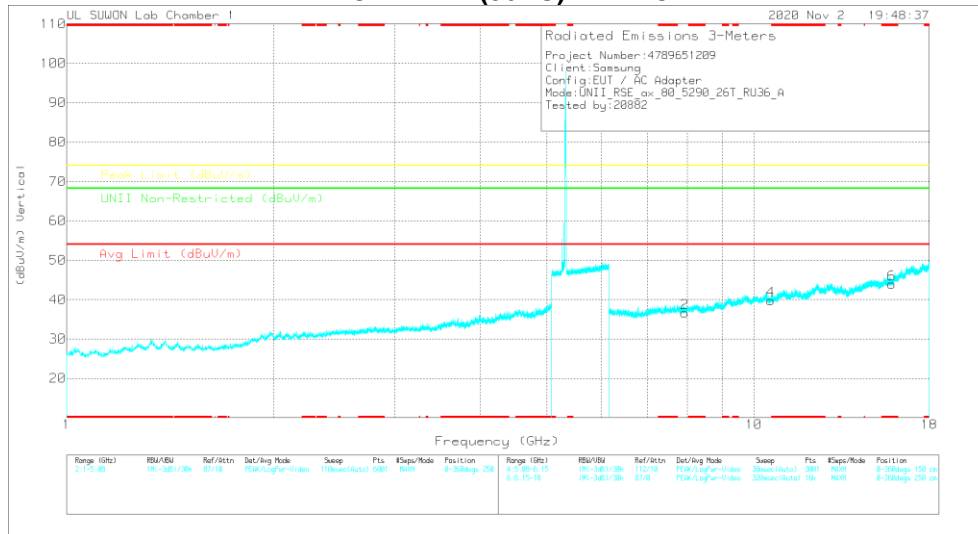
PK-U - U-NII: Maximum Peak

### 11.6.3. TX ABOVE 1GHz HE80(RU) 2Tx MODE IN THE 5.3GHz BAND HARMONICS AND SPURIOUS EMISSIONS

#### 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)	Main Reading (dBuV)	Det	317_00168717	6GHz_HPS[S]	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 (m)	Polarity
7.93693	38.33	PK-U	35.9	-26.2	0	48.03	-	-	-	-	68.2	-20.17	360	100	H
7.93502	38.6	PK-U	35.9	-26.2	0	48.3	-	-	-	-	68.2	-19.9	360	100	V
10.58258	35.3	PK-U	37.9	-22.7	0	50.5	-	-	-	-	68.2	-17.7	360	100	H
10.58091	35.97	PK-U	37.9	-22.6	0	51.27	-	-	-	-	68.2	-16.93	360	100	V
* 15.86901	35.89	PK-U	40.3	-20.9	0	55.29	-	-	74	-18.71	-	-	360	100	H
* 15.86857	36.7	PK-U	40.3	-20.9	0	56.1	-	-	74	-17.9	-	-	360	100	V

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

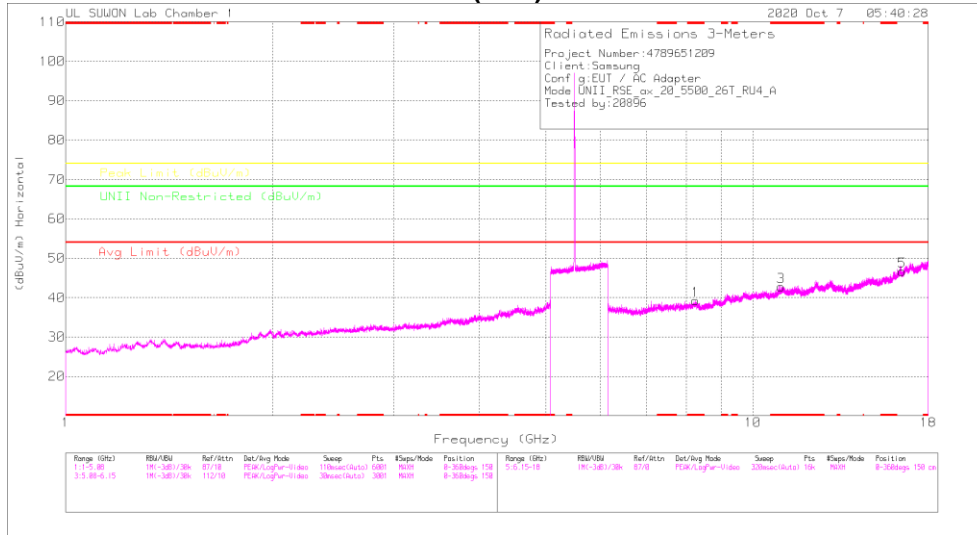
PK-U - U-NII: Maximum Peak

### 11.7. 5.5-5.6 GHz(802.11ax RU mode)

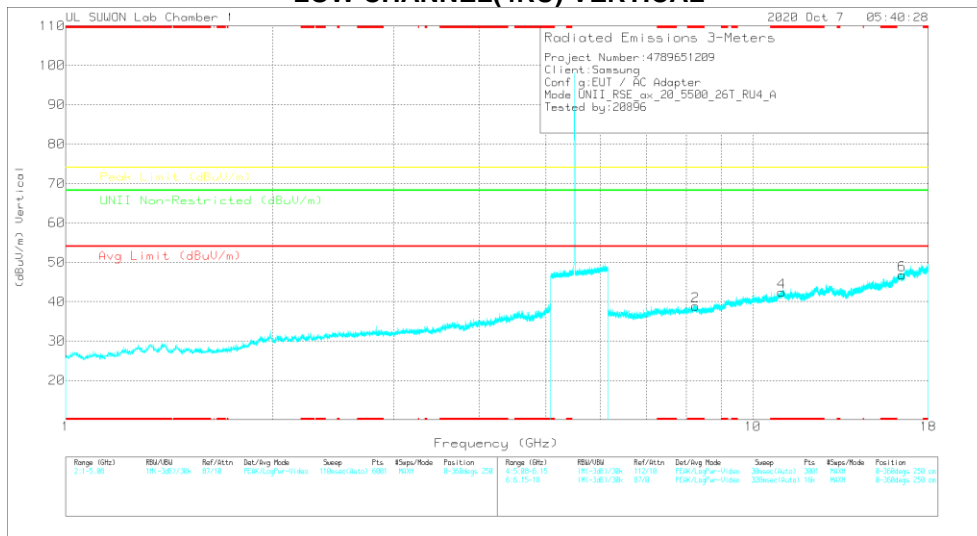
#### 11.7.1. TX ABOVE 1 GHz HE20(RU) 2Tx MODE IN THE 5.5 GHz BAND

#### HARMONICS AND SPURIOUS EMISSIONS

##### 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

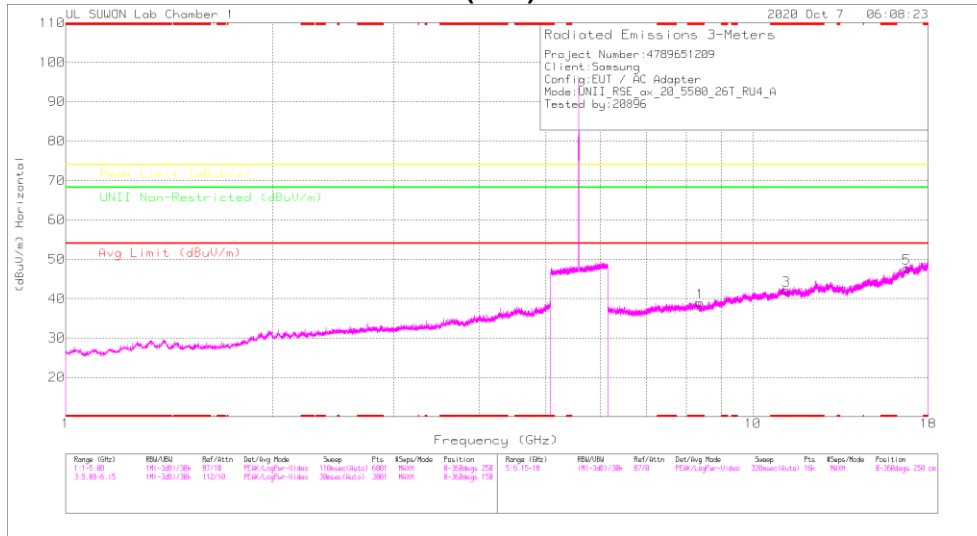
#### Radiated Emissions

Frequency (GHz)	Meas Reading (dBuV)	Det	3177_00160717	@GHz_HF@dB	OC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limt (dBuV/m)	Margin (dB)	Peak Limt (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitud (Degs)	Height (cm)	Polarity
* 8.25842	38.67	PK-U	36.3	-25.1	0	49.87	-	-	74	-24.13	-	-	360	100	H
* 8.2513	38.21	PK-U	36.3	-25.2	0	49.31	-	-	74	-24.69	-	-	360	100	V
*10.99338	36.11	PK-U	38.2	-21.8	0	52.51	-	-	74	-21.49	-	-	360	100	H
*11.004	35.93	PK-U	38.2	-21.7	0	52.43	-	-	74	-21.57	-	-	360	100	V
16.47677	36.1	PK-U	41	-19.7	0	57.4	-	-	-	-	68.2	-10.8	360	100	H
16.47601	36.11	PK-U	41	-19.6	0	57.51	-	-	-	-	68.2	-10.69	360	100	V

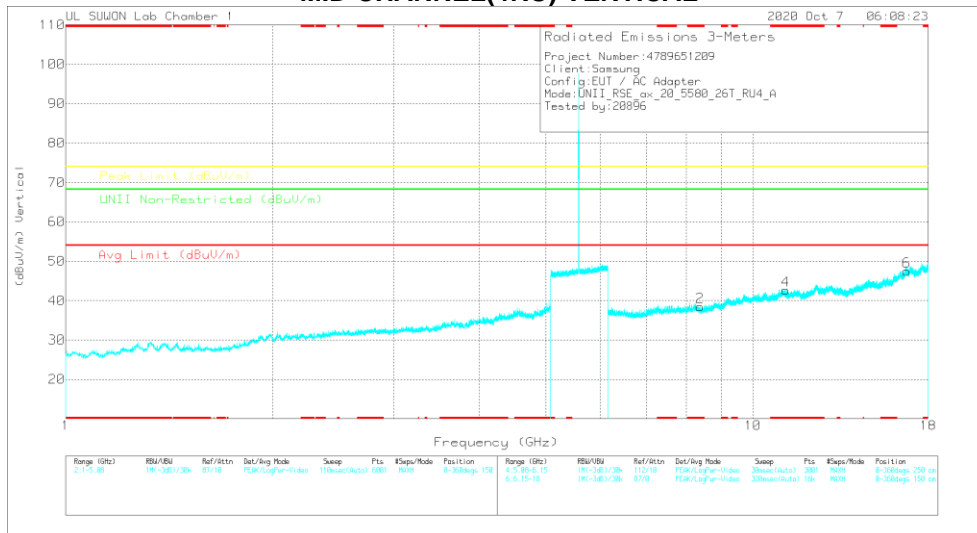
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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**

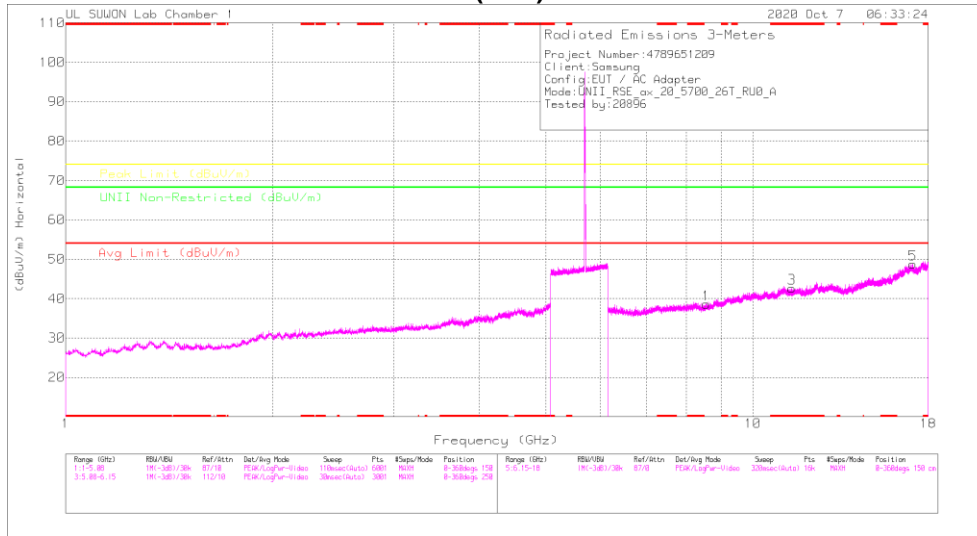
**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBm)	Det	317_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	Margin (dB)	UNII Non-Restricted (dBUV/m)	Margin (dB)	Altitude (Height)	Height (cm)	Polarity
* 8.38293	38.16	PK-U	36.3	-25.5	0	48.96	-	-	74	-25.04	-	-	360	100	H
* 8.37674	38.15	PK-U	36.3	-25.5	0	48.95	-	-	74	-25.05	-	-	360	100	V
* 11.18468	36.01	PK-U	38.4	-22.3	0	52.11	-	-	74	-21.89	-	-	360	100	H
* 11.15792	37.01	PK-U	38.4	-22.4	0	53.01	-	-	74	-20.99	-	-	360	100	V
16.74559	34.96	PK-U	41.6	-18	0	58.56	-	-	-	-	68.2	-9.64	360	100	H
16.74488	34.24	PK-U	41.6	-18	0	57.84	-	-	-	-	68.2	-10.36	360	100	V

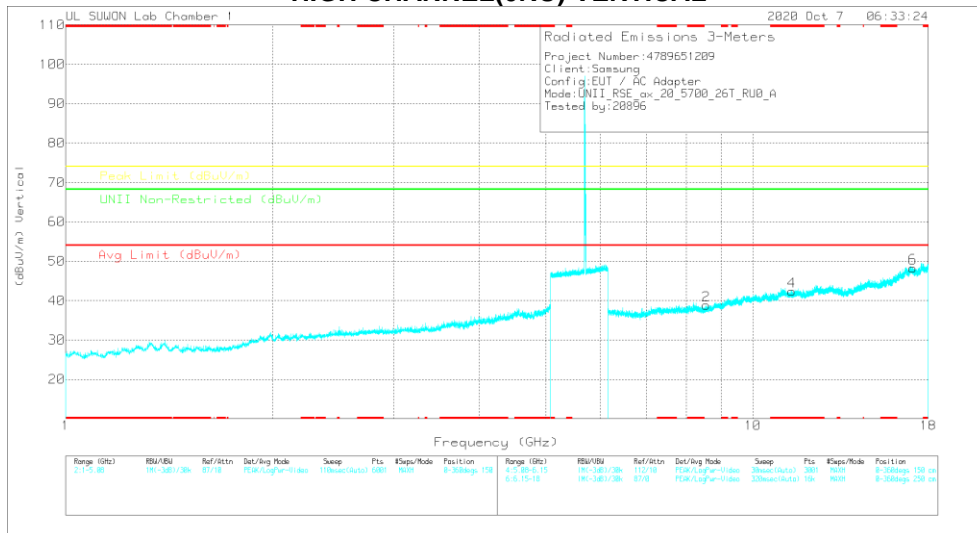
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

### HIGH CHANNEL(0RU) HORIZONTAL



### HIGH CHANNEL(0RU) 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(0RU) DATA

#### Radiated Emissions

Frequency (GHz)	Max Reading (dBuV)	Det	317_00168717	ISHz_HPSB	DC Corr (dB)	Compass Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Height)	Height (cm)	Polarity
8.55629	37.75	PK-U	36.2	-24.4	0	49.55	-	-	-	-	68.2	-18.65	360	100	H
8.55768	37.53	PK-U	36.2	-24.4	0	49.33	-	-	-	-	68.2	-18.67	360	100	V
* 11.40802	35.94	PK-U	38.4	-22.2	0	52.14	-	-	74	-21.86	-	-	360	100	H
* 11.40346	36.46	PK-U	38.4	-22.2	0	52.66	-	-	74	-21.34	-	-	360	100	V
17.08787	34.31	PK-U	41.5	-17.6	0	58.21	-	-	-	-	68.2	-9.99	360	100	H
17.08873	34.29	PK-U	41.5	-17.5	0	58.29	-	-	-	-	68.2	-9.91	360	100	V

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