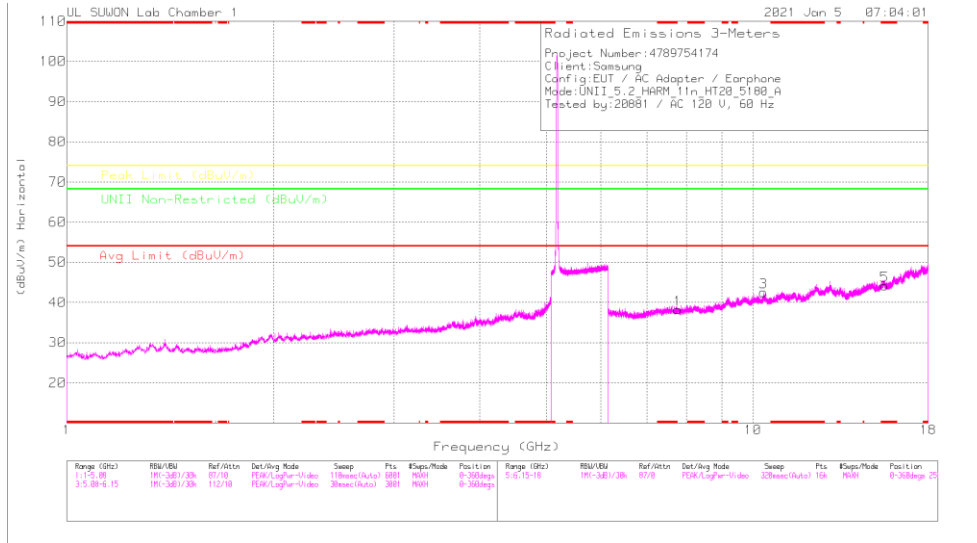
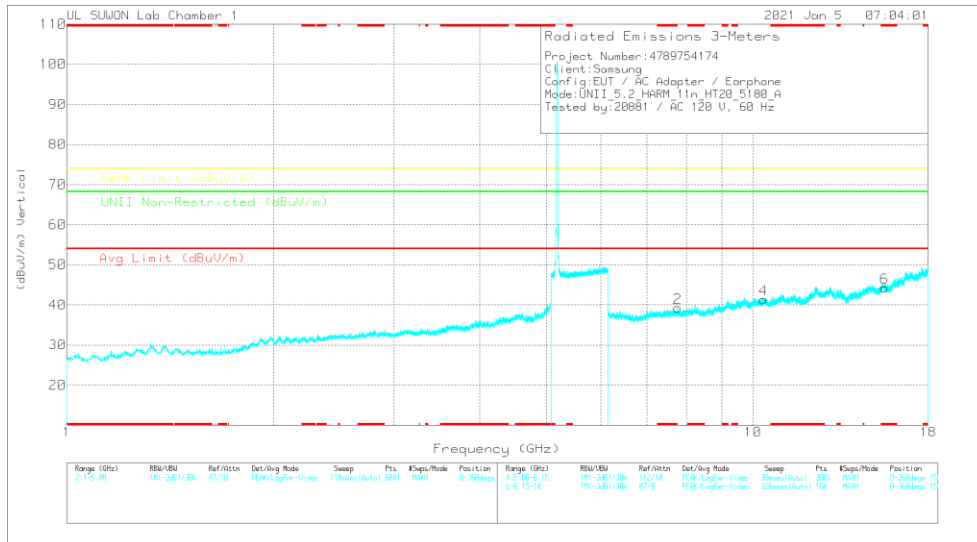


**HARMONICS AND SPURIOUS EMISSIONS**

**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.

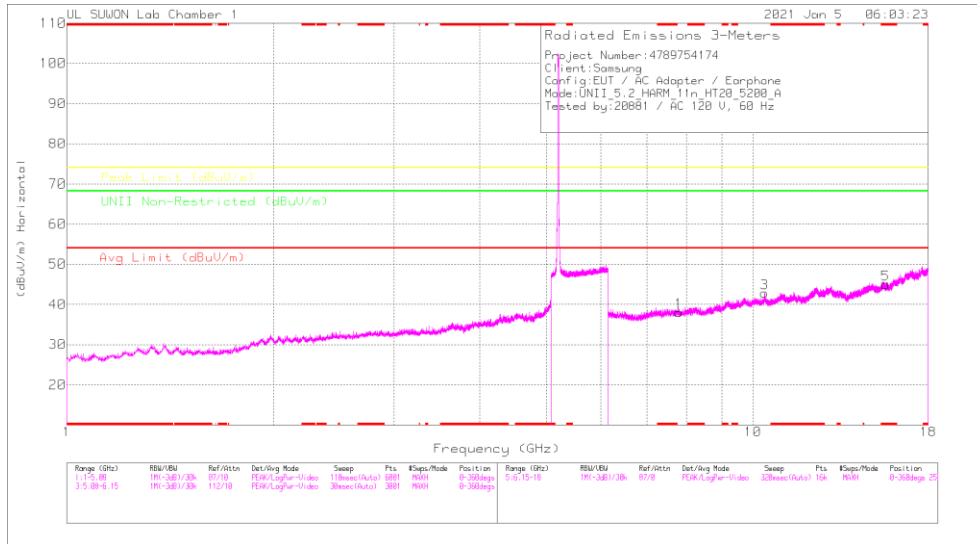
**LOW CHANNEL DATA**

**Radiated Emissions**

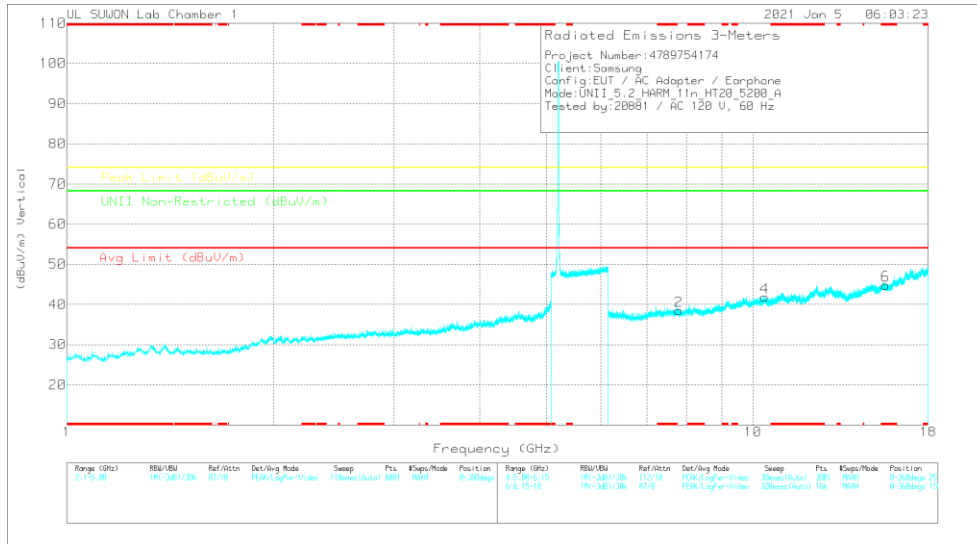
Frequency (GHz)	Mask Reading (dBuV)	Det	317_00168717	6GHz_HPS(B)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (cm)	Polarity
7.76869	39.2	PK-U	35.8	-26.4	0	49.6	-	-	-	-	68.2	-19.6	0	100	H
7.76817	38.79	PK-U	35.8	-26.4	0	48.19	-	-	-	-	68.2	-20.01	0	100	V
10.3592	35.42	PK-U	37.8	-22	0	51.22	-	-	-	-	68.2	-16.98	0	100	H
10.36086	35.92	PK-U	37.8	-21.9	0	51.82	-	-	-	-	68.2	-16.38	0	100	V
* 15.5408	36.35	PK-U	40.1	-20.8	0	55.65	-	-	74	-18.35	-	-	0	100	H
* 15.53893	36.66	PK-U	40.1	-20.8	0	55.96	-	-	74	-18.04	-	-	0	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.

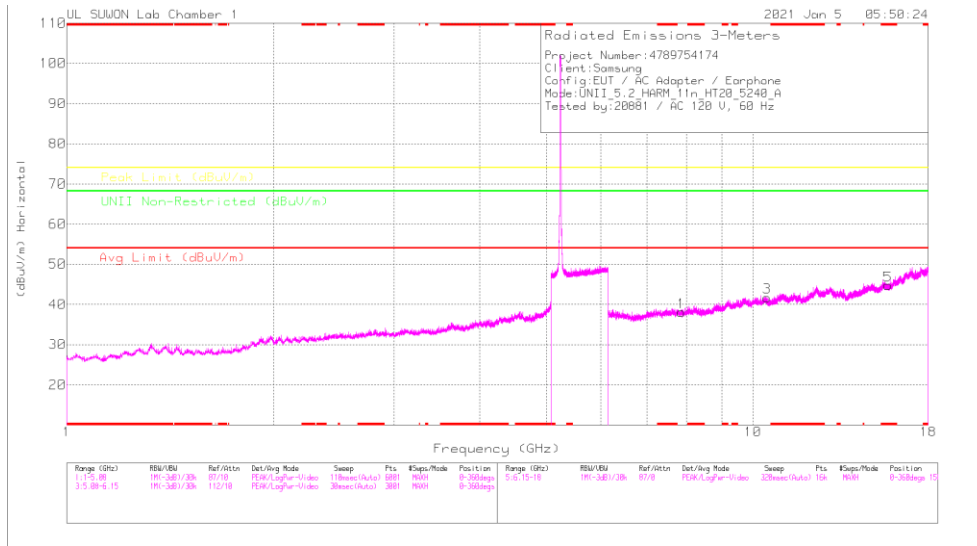
**MID CHANNEL DATA**

**Radiated Emissions**

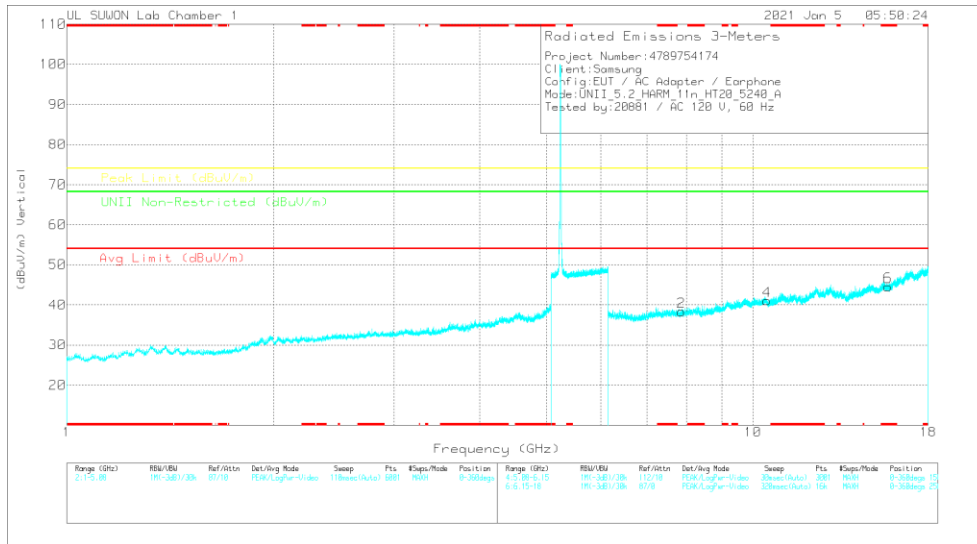
Frequency (GHz)	Meter Reading (dBuV)	Det	317_00168717	6GHz_HPS(B)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (m)	Polarity
7.79973	39.25	PK-U	35.8	-26.2	0	48.85	-	-	-	-	68.2	-19.35	360	100	H
7.80021	39.09	PK-U	35.8	-26.3	0	48.59	-	-	-	-	68.2	-19.61	360	100	V
10.40184	37.71	PK-U	37.8	-21.6	0	53.91	-	-	-	-	68.2	-14.29	138	257	H
10.39954	35.84	PK-U	37.8	-21.6	0	52.04	-	-	-	-	68.2	-16.16	169	338	V
* 15.5916	37.83	PK-U	40.1	-21.3	0	56.63	-	-	74	-17.37	-	-	0	100	H
* 15.5881	37.12	PK-U	40.1	-21.3	0	55.92	-	-	74	-18.08	-	-	0	100	V

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

### HIGH CHANNEL 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_00168717	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 (m)	Polarity
7.85827	39.74	PK-U	35.9	-26.4	0	49.24	-	-	-	-	68.2	-16.96	360	150	H
7.85977	39.27	PK-U	35.9	-26.5	0	48.67	-	-	-	-	68.2	-19.53	360	100	V
10.47906	36.15	PK-U	37.9	-22.3	0	51.75	-	-	-	-	68.2	-16.46	360	150	H
10.47996	36.24	PK-U	37.9	-22.3	0	51.84	-	-	-	-	68.2	-16.36	360	100	V
* 15.72075	37.07	PK-U	40.1	-21	0	56.17	-	-	74	-17.83	-	-	360	100	H
* 15.7202	37.14	PK-U	40.1	-21	0	56.24	-	-	74	-17.76	-	-	360	100	V

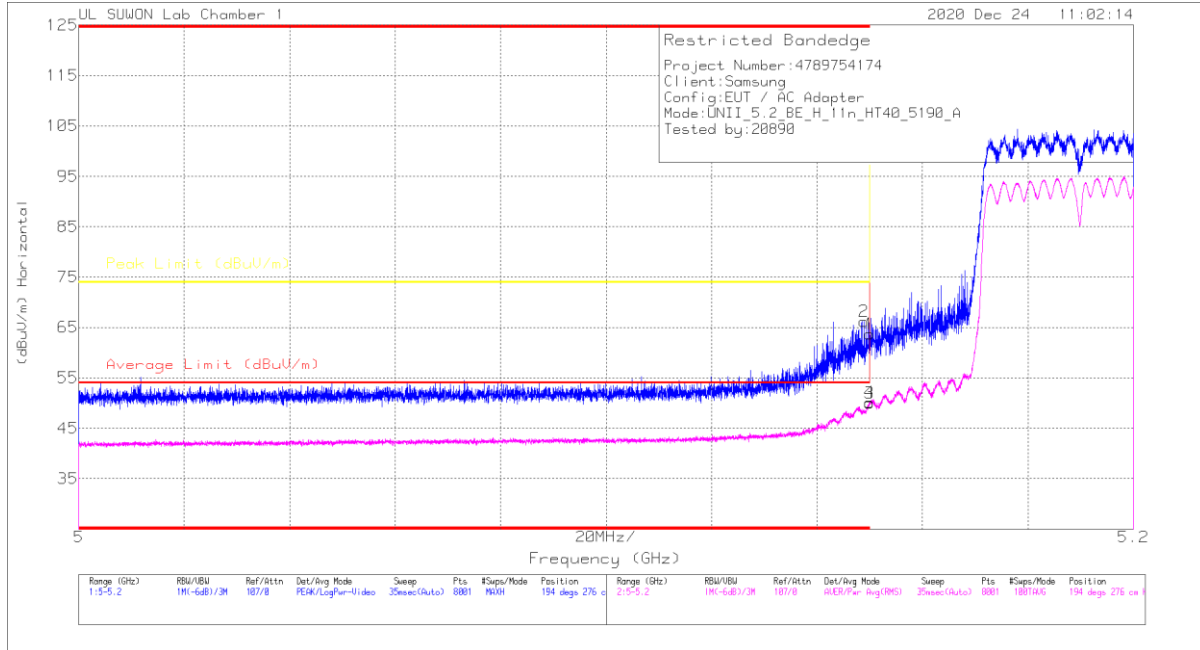
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

### 11.1.3. TX ABOVE 1GHz 802.11n HT40 2Tx MODE IN THE 5.2GHz BAND

#### RESTRICTED BANDEDGE (LOW CHANNEL)

#### HORIZONTAL PEAK AND AVERAGE DATA



#### Trace Markers

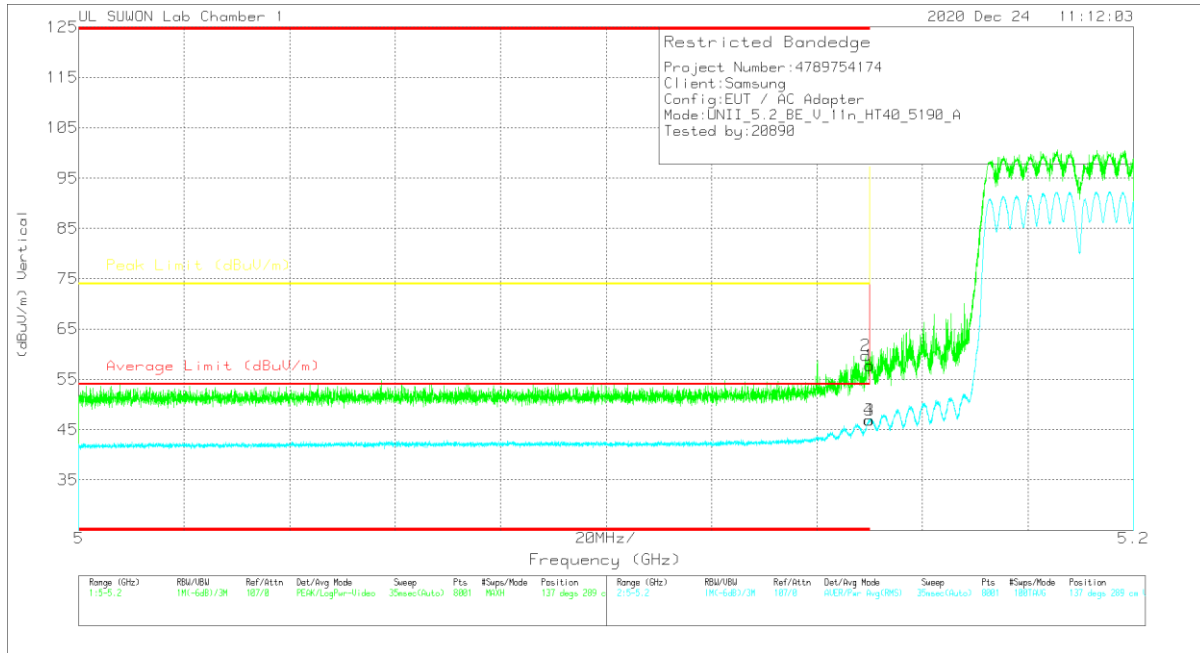
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	51.02	Pk	34.3	-21.6	0	63.72	-	-	74	-10.28	194	276	H
2	* 5.14888	53.6	Pk	34.3	-21.7	0	66.2	-	-	74	-7.8	194	276	H
3	5.15	37.13	RMS	34.3	-21.6	.12	49.95	54	-4.05	-	-	194	276	H
4	* 5.14995	37.4	RMS	34.3	-21.7	.12	50.12	54	-3.88	-	-	194	276	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 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	5.15	45.02	Pk	34.3	-21.6	0	57.72	-	-	74	-16.28	137	289	V
2	* 5.1492	47.17	Pk	34.3	-21.7	0	59.77	-	-	74	-14.23	137	289	V
3	5.15	34.03	RMS	34.3	-21.6	.12	46.85	54	-7.15	-	-	137	289	V
4	* 5.14985	34.22	RMS	34.3	-21.7	.12	46.94	54	-7.06	-	-	137	289	V

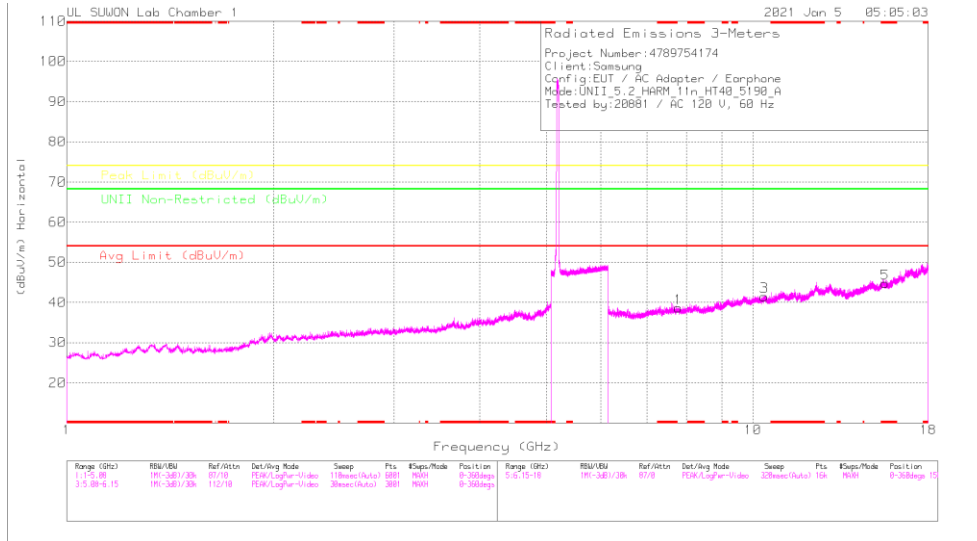
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

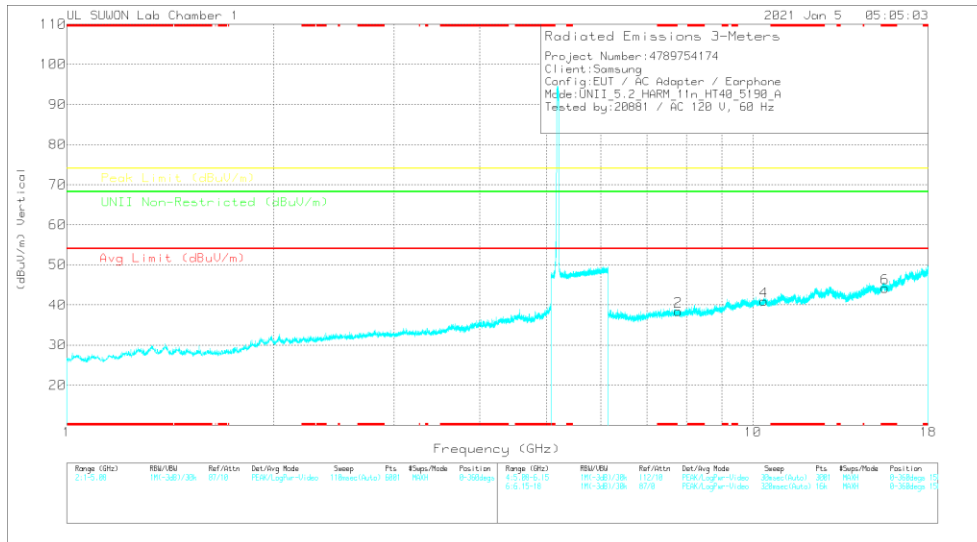
RMS - RMS detection

**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.

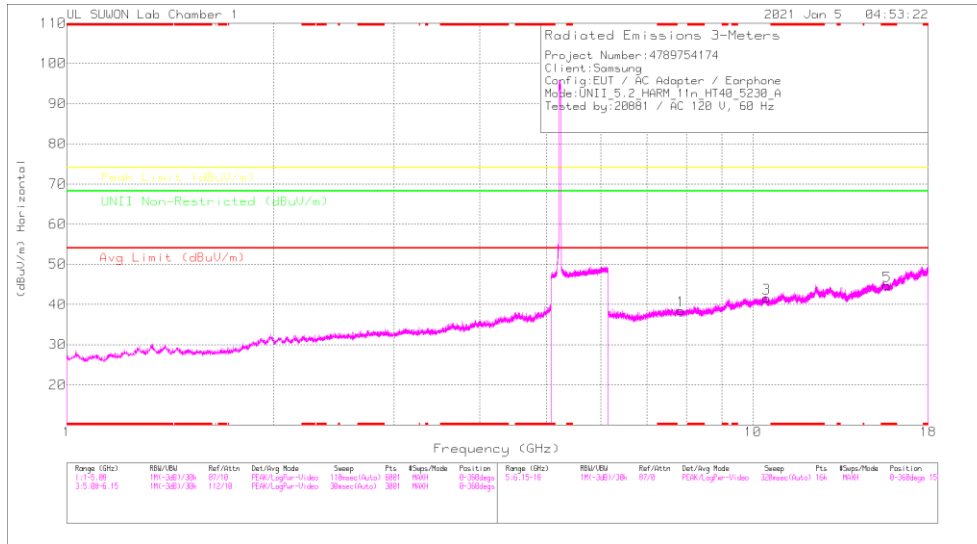
**LOW CHANNEL DATA**

**Radiated Emissions**

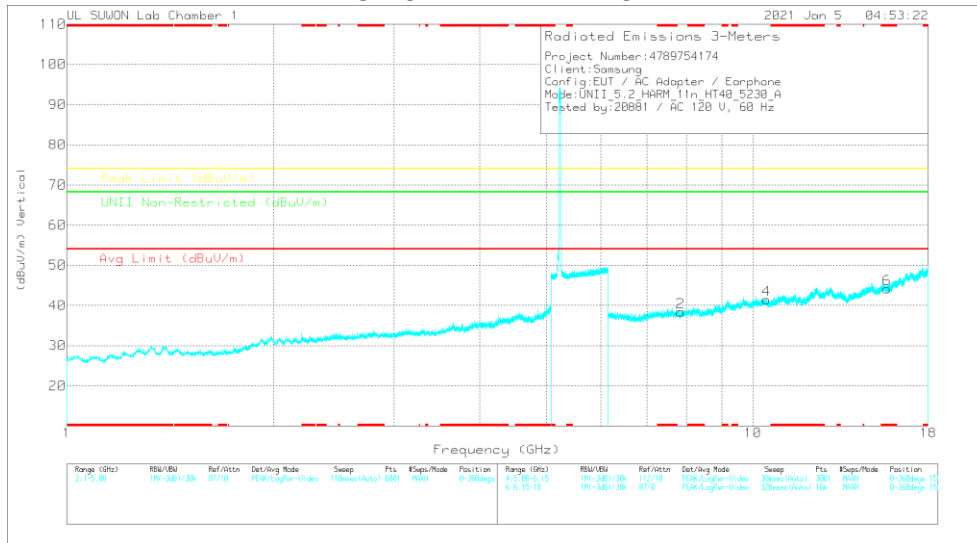
Frequency (GHz)	Max Reading (dBuV)	Det	317_20162717	SQL_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asmuth (Degs)	Height (cm)	Polarity
7.7843	39.52	PK-U	35.8	-26.3	0	49.02	-	-	-	-	68.2	-19.18	360	100	H
7.78328	39.63	PK-U	35.8	-26.4	0	49.03	-	-	-	-	68.2	-19.17	360	100	V
10.3813	36.09	PK-U	37.8	-21.7	0	52.19	-	-	-	-	68.2	-16.01	360	100	H
10.38159	36.09	PK-U	37.8	-21.7	0	52.19	-	-	-	-	68.2	-16.01	360	100	V
* 15.57198	36.83	PK-U	40.1	-21.2	0	55.73	-	-	74	-18.27	-	-	360	100	H
* 15.57088	36.8	PK-U	40.1	-21.2	0	55.7	-	-	74	-18.3	-	-	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

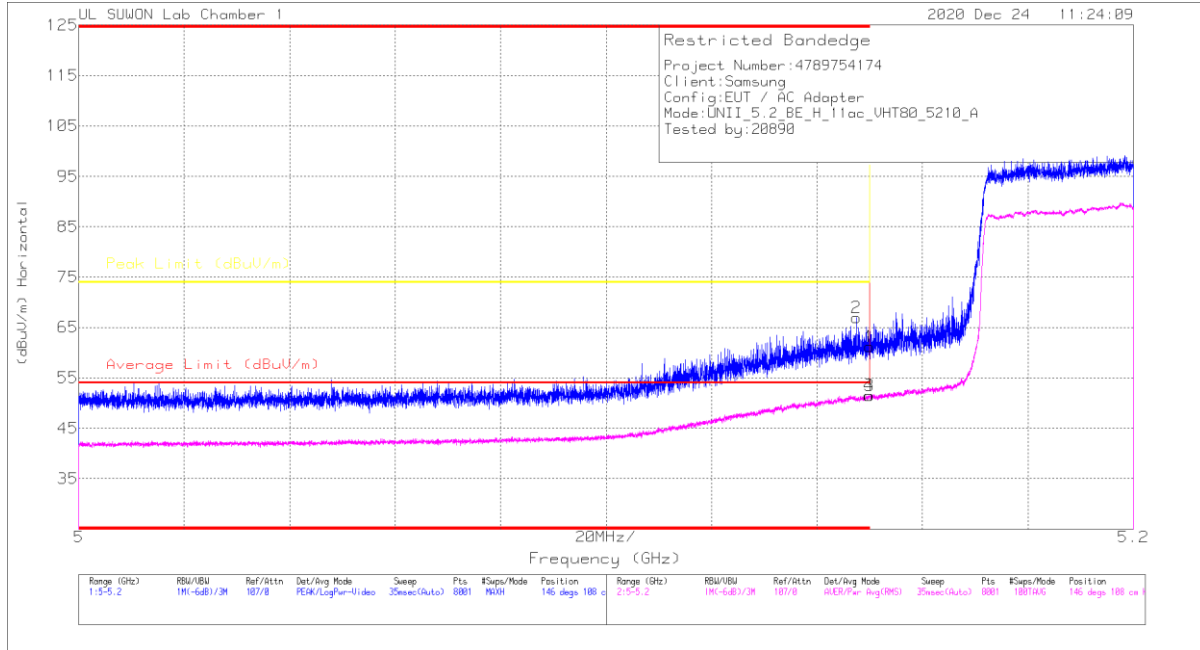
Frequency (GHz)	Max Reading (dBuV)	Det	317_20162717	SQL_HFSdB	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asmuth (Deg)	Height (cm)	Polarity
7.84589	38.98	PK-U	35.9	-26.4	0	48.48	-	-	-	-	68.2	-19.72	360	100	H
7.94524	40.12	PK-U	35.9	-26.4	0	49.62	-	-	-	-	68.2	-18.58	360	100	V
10.45896	36.13	PK-U	37.8	-22	0	51.93	-	-	-	-	68.2	-16.27	360	100	H
10.46176	35.82	PK-U	37.8	-22	0	51.62	-	-	-	-	68.2	-16.58	360	100	V
* 15.69	36.86	PK-U	40.1	-21.2	0	55.76	-	-	74	-18.24	-	-	360	100	H
* 15.69021	36.56	PK-U	40.1	-21.1	0	55.56	-	-	74	-18.44	-	-	360	100	V

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

### 11.1.4.TX ABOVE 1GHz 802.11ac VHT80 2Tx MODE IN THE 5.2GHz 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	5.15	49.52	Pk	34.3	-21.6	0	61.22	-	-	74	-12.78	146	108	H
2	* 5.14748	54.33	Pk	34.3	-21.7	0	66.93	-	-	74	-7.07	146	108	H
3	5.15	38.55	RMS	34.3	-21.6	.2	51.45	54	-2.55	-	-	146	108	H
4	* 5.14988	38.74	RMS	34.3	-21.7	.2	51.54	54	-2.46	-	-	146	108	H

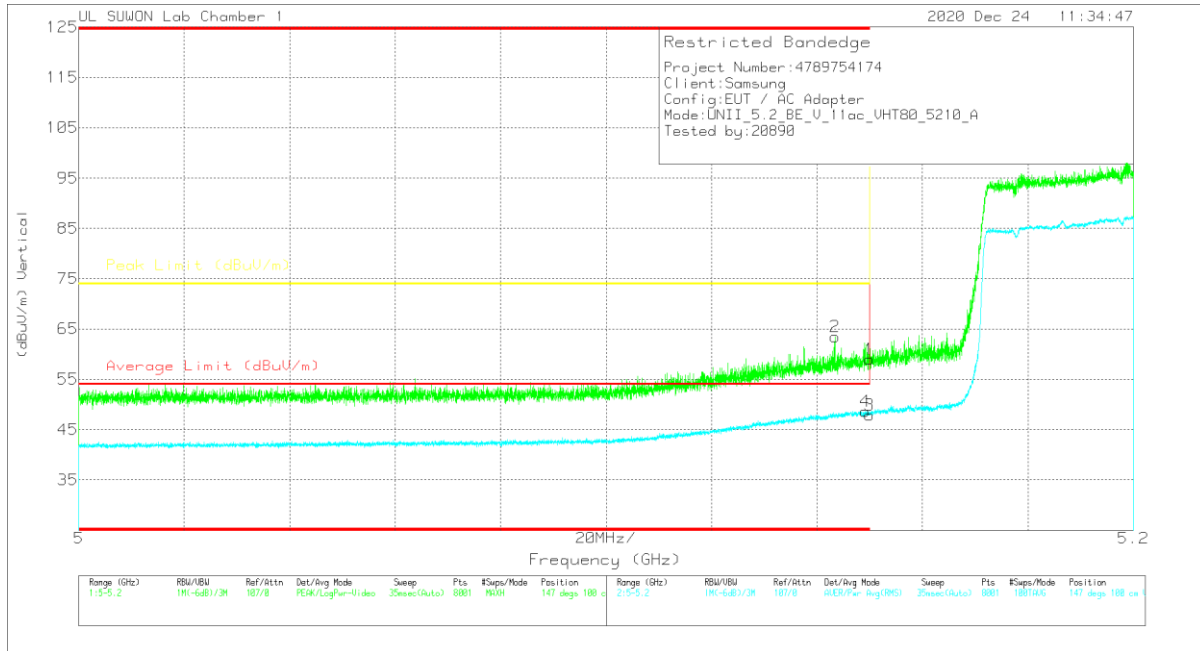
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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 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	5.15	46.32	Pk	34.3	-21.6	0	59.02	-	-	74	-14.98	147	100	V
2	* 5.14338	50.88	Pk	34.3	-21.7	0	63.48	-	-	74	-10.52	147	100	V
3	5.15	35.02	RMS	34.3	-21.6	.2	47.92	54	-6.08	-	-	147	100	V
4	* 5.1491	35.89	RMS	34.3	-21.7	.2	48.69	54	-5.31	-	-	147	100	V

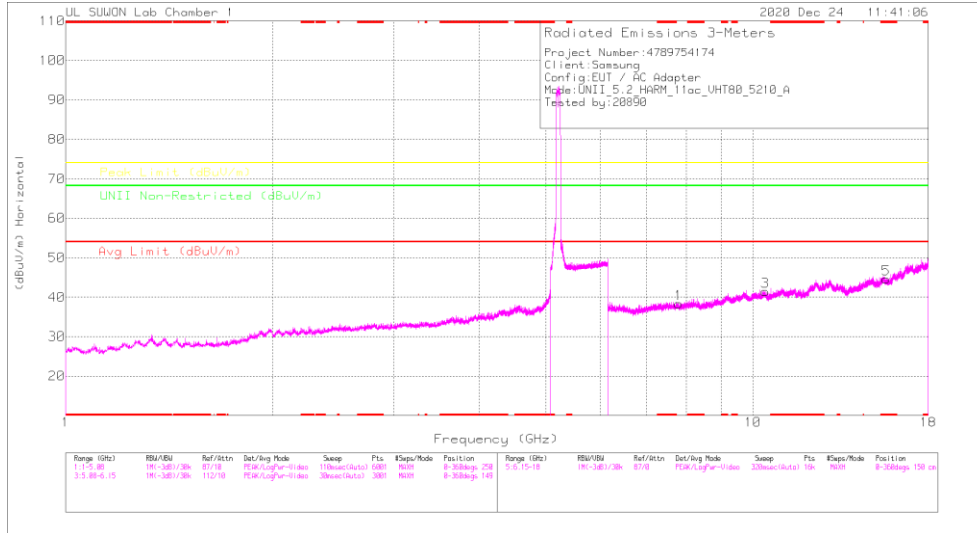
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

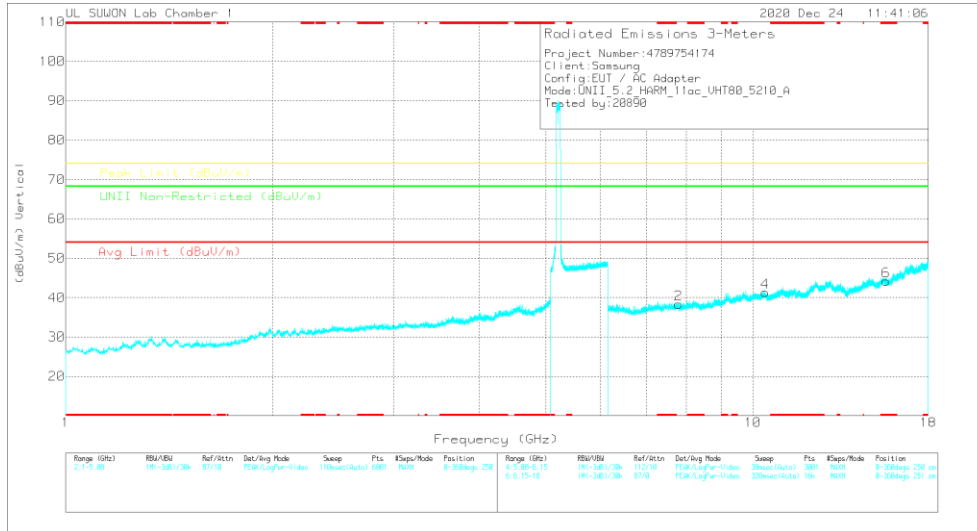
RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**

**MID CHANNEL HORIZONTAL**



**MID CHANNEL VERTICAL**



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

**MID CHANNEL DATA**

**Radiated Emissions**

Frequency (GHz)	Meas Reading (dBuV)	Det	317_00168717	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 (Deg)	Height (cm)	Polarity
7.79478	39.49	PK-U	35.8	-26.3	0	48.39	-	-	-	-	68.2	-19.21	0	100	H
7.80183	38.67	PK-U	35.8	-26.2	0	48.27	-	-	-	-	68.2	-19.93	0	100	V
10.42659	35.6	PK-U	37.8	-21.6	0	51.8	-	-	-	-	68.2	-16.4	0	100	H
10.42647	35.64	PK-U	37.8	-21.6	0	51.84	-	-	-	-	68.2	-16.36	0	100	V
* 15.6455	36.92	PK-U	40.1	-21.3	0	55.72	-	-	74	-18.28	-	-	0	100	H
* 15.64806	36.54	PK-U	40.1	-21.3	0	55.34	-	-	74	-18.66	-	-	0	100	V

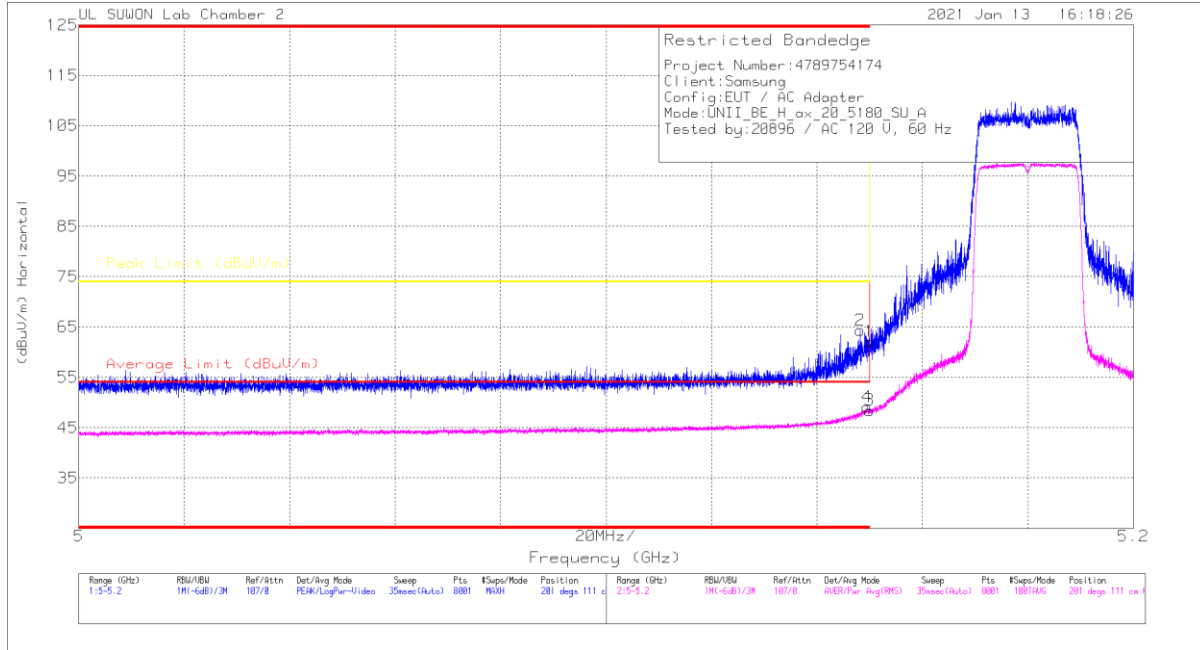
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

### 11.1.5.TX ABOVE 1GHz 802.11ax HE20(SU) 2Tx MODE IN 5.2GHz BAND

#### RESTRICTED BANDEDGE (LOW CHANNEL)

#### HORIZONTAL PEAK AND AVERAGE DATA



#### Trace Markers

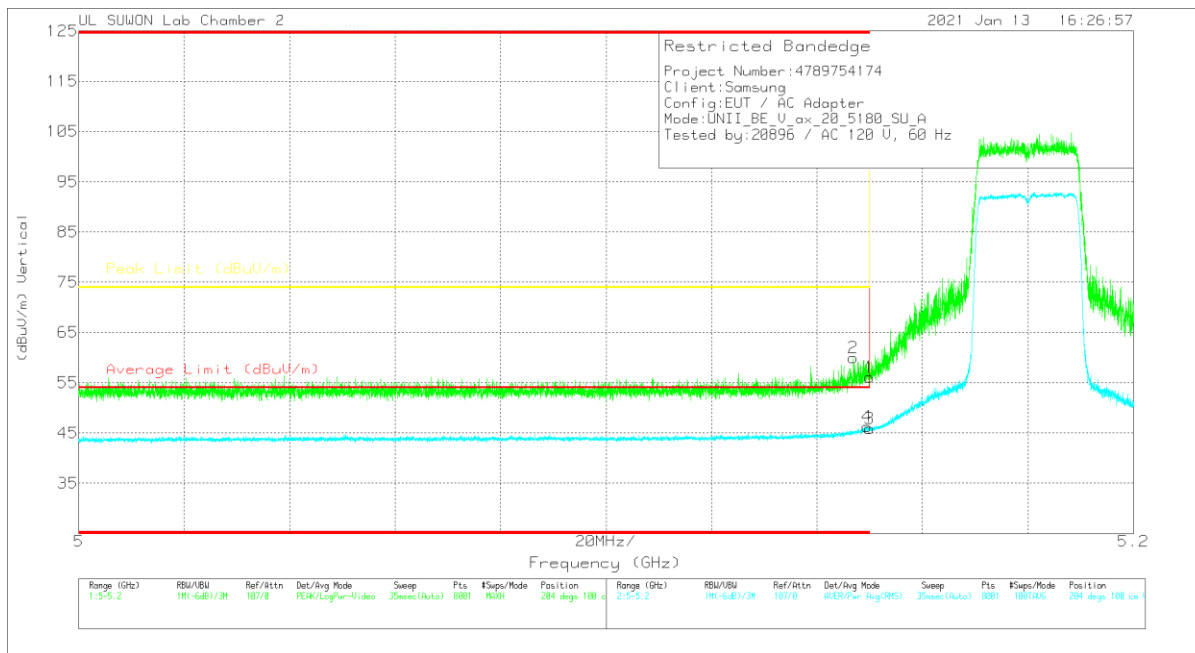
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	45.45	PK	34.4	-17.7	0	62.15	-	-	74	-11.85	201	111	H
2	* 5.14823	47.67	PK	34.4	-17.7	0	64.37	-	-	74	-9.63	201	111	H
3	5.15	31.85	RMS	34.4	-17.7	.1	48.45	54	-5.55	-	-	201	111	H
4	* 5.14948	32.3	RMS	34.4	-17.7	.1	49.1	54	-4.9	-	-	201	111	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	5.15	39.38	Pk	34.4	-17.7	0	56.08	-	-	74	-17.92	204	100	V
2	*5.14693	43.26	Pk	34.4	-17.7	0	59.96	-	-	74	-14.04	204	100	V
3	5.15	29.09	RMS	34.4	-17.7	.1	45.89	54	-8.11	-	-	204	100	V
4	*5.1495	29.49	RMS	34.4	-17.7	.1	46.29	54	-7.71	-	-	204	100	V

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

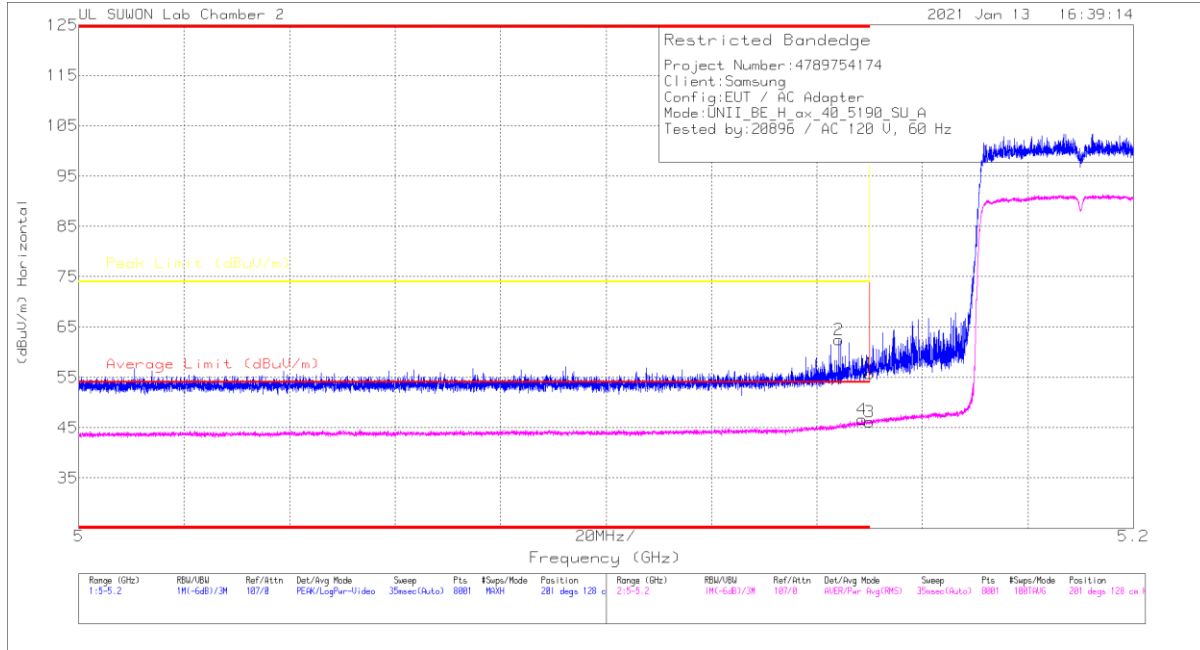
Pk - Peak detector

RMS - RMS detection

### 11.1.6. TX ABOVE 1GHz 802.11ax HE40(SU) 2Tx MODE IN 5.2GHz BAND

#### RESTRICTED BANDEDGE (LOW CHANNEL)

#### HORIZONTAL PEAK AND AVERAGE DATA



#### Trace Markers

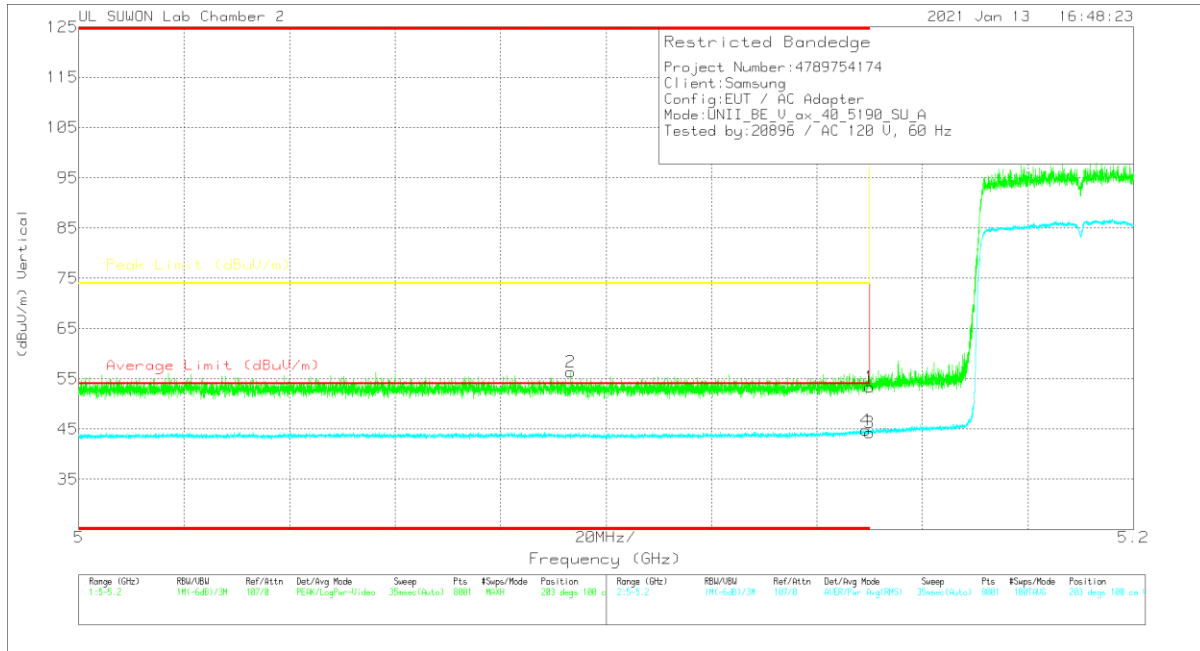
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	39.06	Pk	34.4	-17.7	0	55.76	-	-	74	-18.24	201	128	H
2	* 5.14413	45.74	Pk	34.4	-17.7	0	62.44	-	-	74	-11.56	201	128	H
3	5.15	29.33	RMS	34.4	-17.7	.1	46.13	54	-7.87	-	-	201	128	H
4	* 5.1485	29.81	RMS	34.4	-17.7	.1	46.61	54	-7.39	-	-	201	128	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	5.15	36.71	Pk	34.4	-17.7	0	53.41	-	-	74	-20.59	203	100	V
2	*5.09325	39.74	Pk	34.3	-17.7	0	56.34	-	-	74	-17.66	203	100	V
3	5.15	27.42	RMS	34.4	-17.7	.1	44.22	54	-9.78	-	-	203	100	V
4	*5.1492	28	RMS	34.4	-17.7	.1	44.8	54	-9.2	-	-	203	100	V

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

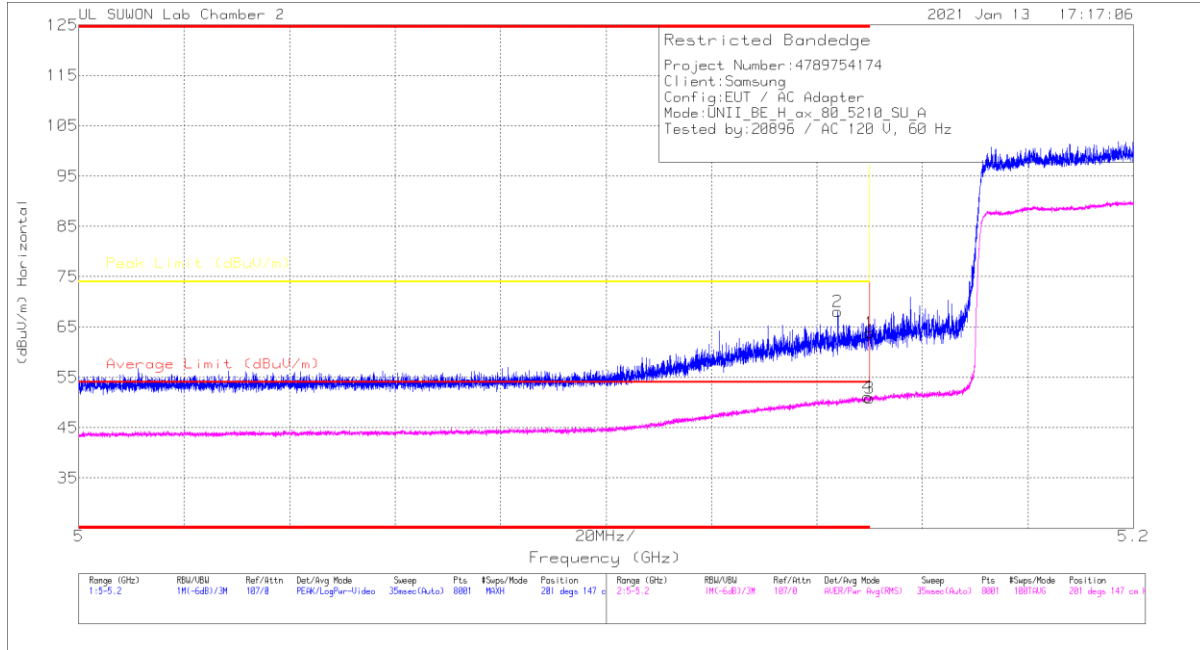
Pk - Peak detector

RMS - RMS detection

### 11.1.7. TX ABOVE 1GHz 802.11ax HE80(SU) 2Tx MODE IN 5.2GHz BAND

#### RESTRICTED BANDEDGE (LOW CHANNEL)

#### HORIZONTAL PEAK AND AVERAGE DATA



#### Trace Markers

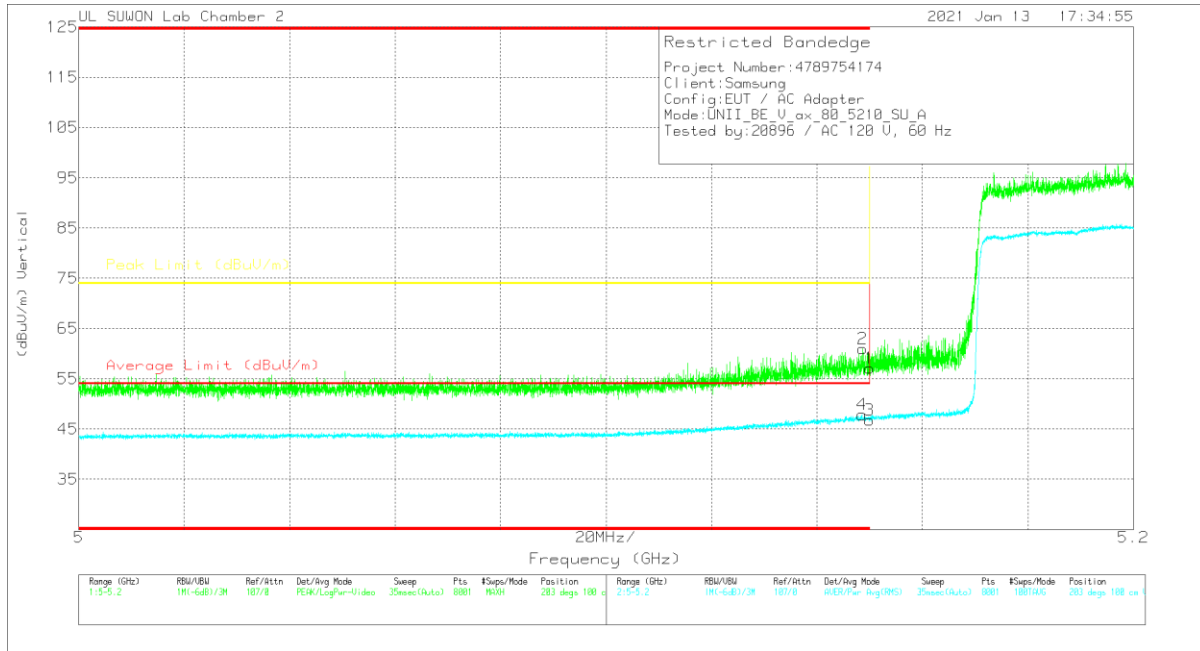
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	5.15	47.18	Pk	34.4	-17.7	0	63.88	-	-	74	-10.12	201	147	H
2	* 5.14393	51.35	Pk	34.4	-17.7	0	68.05	-	-	74	-5.95	201	147	H
3	5.15	34.12	RMS	34.4	-17.7	-1	50.92	54	-3.08	-	-	201	147	H
4	* 5.1496	34.37	RMS	34.4	-17.7	-1	51.17	54	-2.83	-	-	201	147	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)	Acimuth (Degs)	Height (cm)	Polarity
1	5.15	40.46	Pk	34.4	-17.7	0	57.16	-	-	74	-16.84	203	100	V
2	* 5.14868	44.28	Pk	34.4	-17.7	0	60.98	-	-	74	-13.02	203	100	V
3	5.15	29.96	RMS	34.4	-17.7	.1	46.76	54	-7.24	-	-	203	100	V
4	* 5.1485	31.03	RMS	34.4	-17.7	.1	47.83	54	-6.17	-	-	203	100	V

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

Pk - Peak detector

RMS - RMS detection

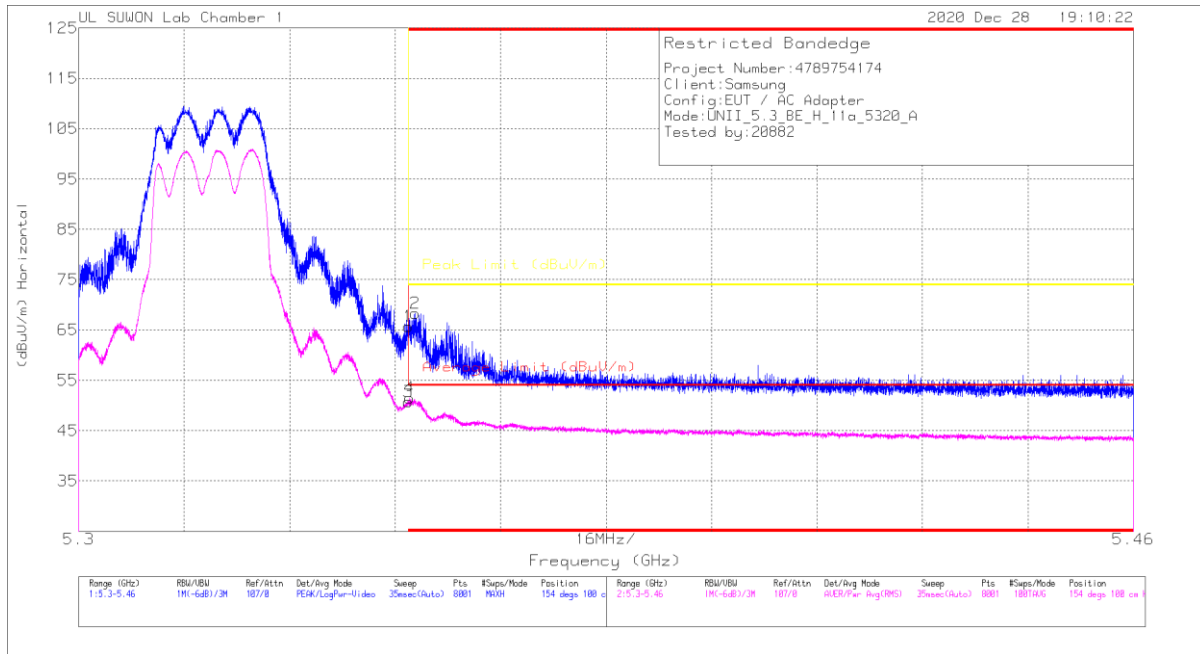


## 11.2. 5.3 GHz

### 11.2.1. TX ABOVE 1 GHz 802.11a 2Tx MODE IN THE 5.3 GHz BAND

#### RESTRICTED BANDEDGE (HIGH CHANNEL)

#### HORIZONTAL PEAK AND AVERAGE DATA



#### Trace Markers

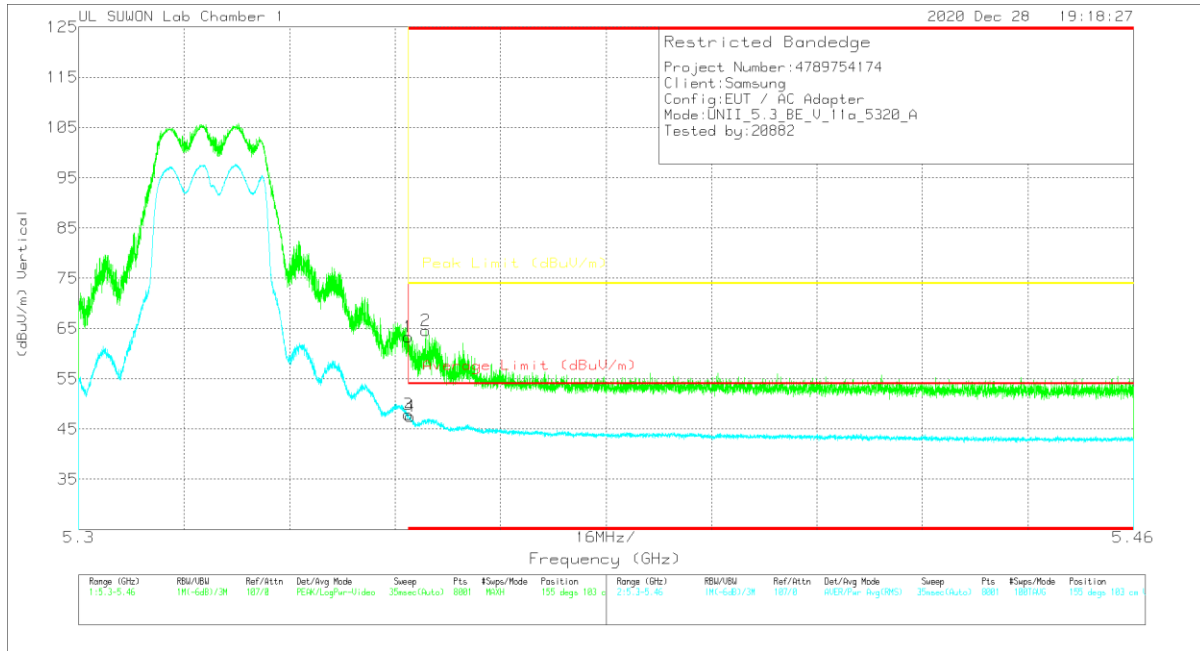
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35002	52.71	Pk	34.5	-21.5	0	65.71	-	-	74	-8.29	154	100	H
2	* 5.35108	55.37	Pk	34.5	-21.5	0	68.37	-	-	74	-5.63	154	100	H
3	* 5.35002	37.71	RMS	34.5	-21.5	.1	50.81	54	-3.19	-	-	154	100	H
4	* 5.35018	38.45	RMS	34.5	-21.6	.1	51.45	54	-2.55	-	-	154	100	H

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

Pk - Peak detector

RMS - RMS detection

**VERTICAL PEAK AND AVERAGE DATA**



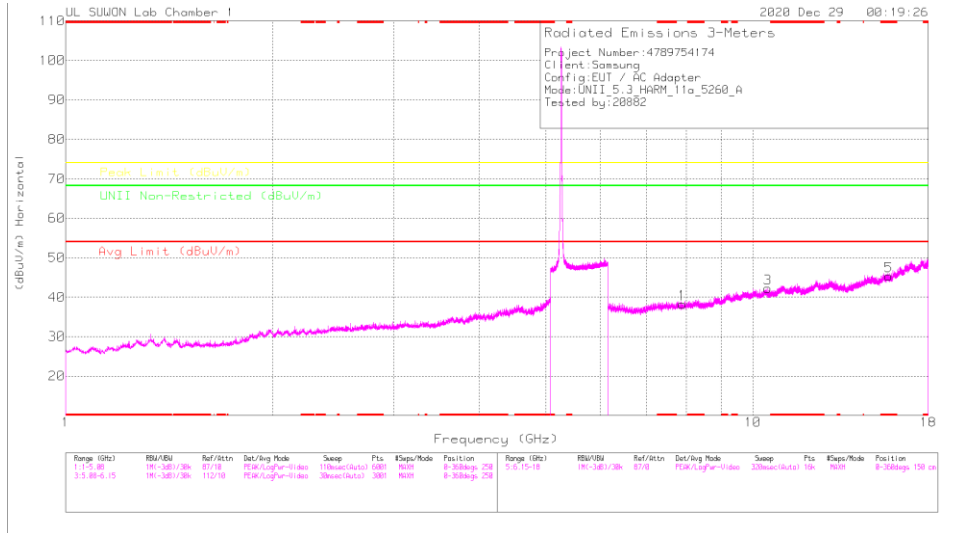
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC 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	* 5.35002	50.36	Pk	34.5	-21.5	0	63.36	-	-	74	-10.64	155	103	V
2	* 5.35268	51.64	Pk	34.5	-21.5	0	64.64	-	-	74	-9.36	155	103	V
3	* 5.35002	34.84	RMS	34.5	-21.5	.1	47.94	54	-6.06	-	-	155	103	V
4	* 5.35026	34.52	RMS	34.5	-21.6	.1	47.52	54	-6.48	-	-	155	103	V

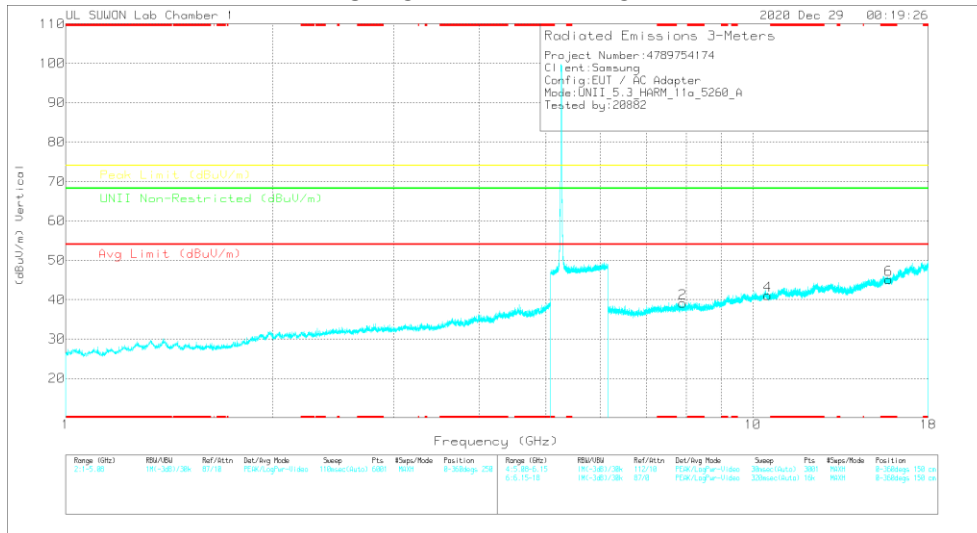
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**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.

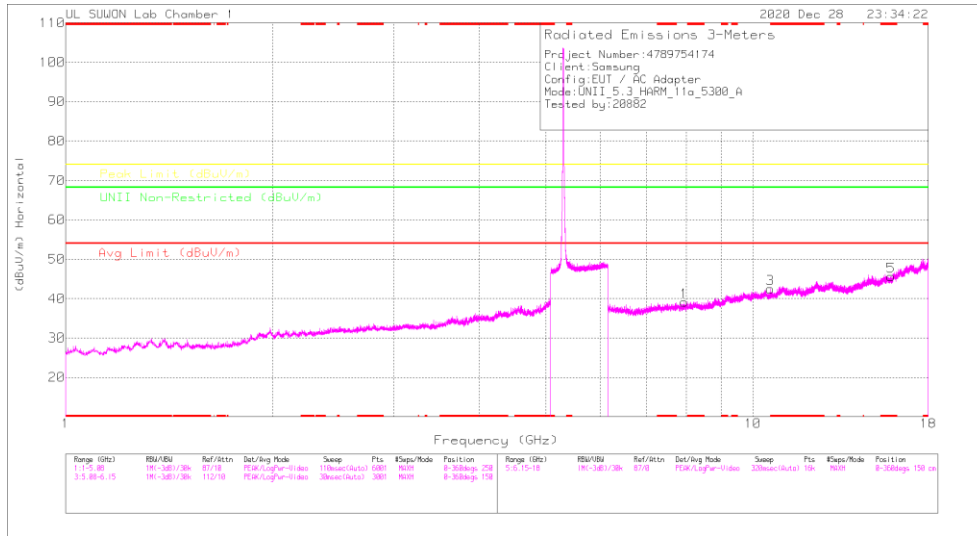
**LOW CHANNEL DATA**

**Radiated Emissions**

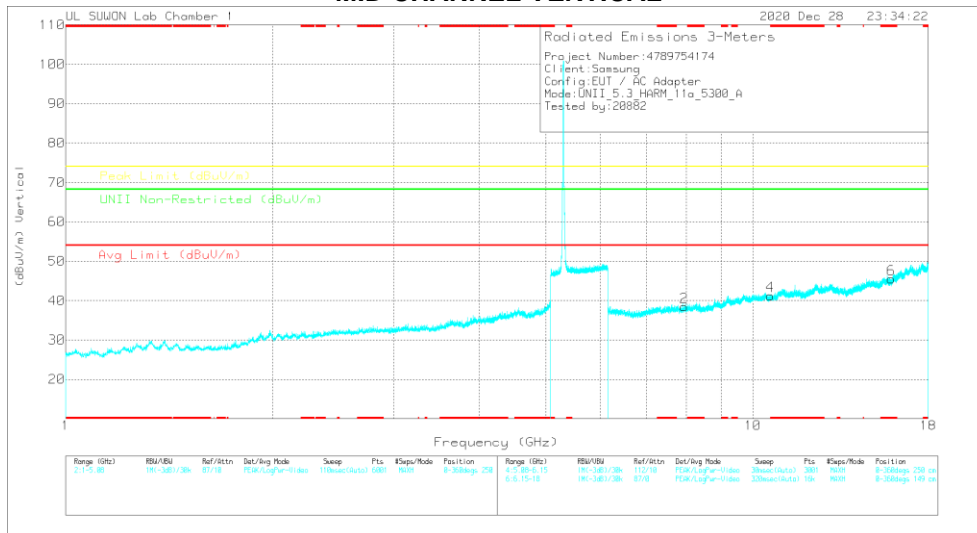
Frequency (GHz)	Max Reading (dBuV)	Det	2117_00160717	@GHz_HF@dB	OC Cor (dB)	Corrected Reading (dBuV/m)	Avg Limt (dBuV/m)	Margin (dB)	Peak Limt (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
7.89838	39.33	PK-U	35.9	-26.4	0	48.83	-	-	-	-	68.2	-19.37	0	100	H
7.90106	38.84	PK-U	35.9	-26.4	0	48.34	-	-	-	-	68.2	-19.86	0	100	V
10.52018	35.91	PK-U	37.9	-22.6	0	51.21	-	-	-	-	68.2	-16.99	0	100	H
10.51985	35.45	PK-U	37.9	-22.6	0	50.75	-	-	-	-	68.2	-17.45	0	100	V
* 15.77889	37.13	PK-U	40.2	-21.1	0	56.23	-	-	74	-17.77	-	-	0	100	H
* 15.78056	37.43	PK-U	40.2	-21.1	0	56.53	-	-	74	-17.47	-	-	0	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.

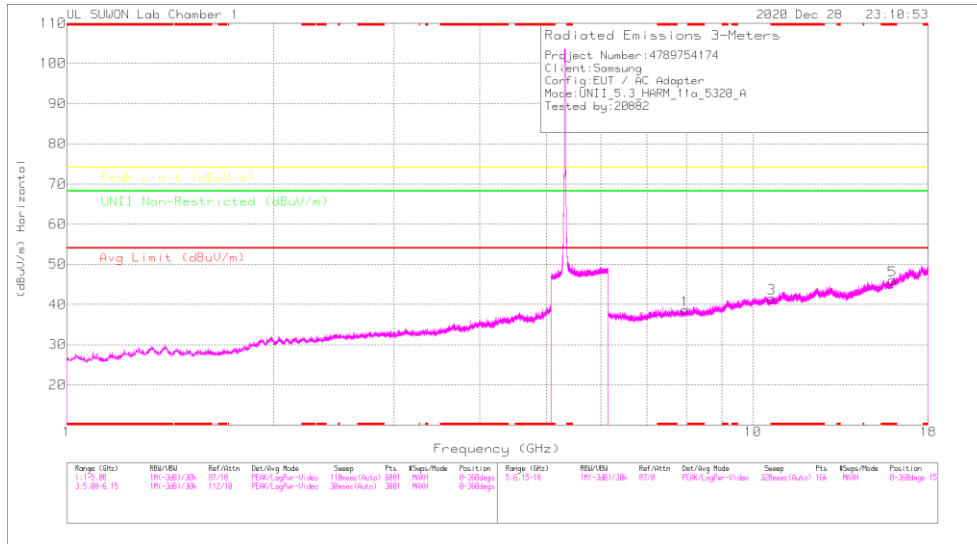
**MID CHANNEL DATA**

**Radiated Emissions**

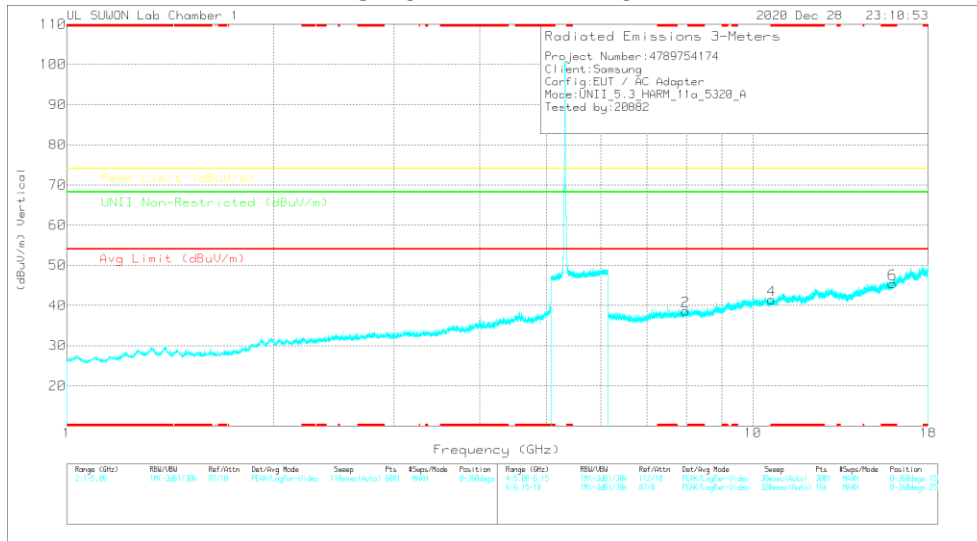
Frequency (GHz)	Meas Reading (dBuV)	Det	317_00168717	60Hz_HPSdB	DC Cor (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (cm)	Polarity
7.9494	38.7	PK-U	36	-26	0	48.7	-	-	-	-	68.2	-19.5	0	100	H
7.94687	38.13	PK-U	36	-26.1	0	48.03	-	-	-	-	68.2	-19.17	0	100	V
10.59942	35.94	PK-U	38	-22.5	0	51.44	-	-	-	-	68.2	-16.76	0	100	H
10.59918	35.6	PK-U	38	-22.5	0	51.1	-	-	-	-	68.2	-17.1	0	100	V
* 15.89953	36.45	PK-U	40.3	-21	0	55.75	-	-	74	-18.25	-	-	0	100	H
* 15.89905	36.1	PK-U	40.3	-21	0	55.4	-	-	74	-18.6	-	-	0	100	V

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

### HIGH CHANNEL HORIZONTAL



### HIGH CHANNEL VERTICAL



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

### HIGH CHANNEL DATA

#### Radiated Emissions

Frequency (GHz)	Meas Reading (dBm)	Det	317_00168717	6GHz_HF[SBS]	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)	Azimuth (Deg)	Height (m)	Polarity
7.95843	35.69	PK-U	36	-25.9	0	48.79	-	-	-	-	68.2	-19.41	0	100	H
7.97977	38.61	PK-U	36	-25.9	0	48.71	-	-	-	-	68.2	-19.49	0	100	V
* 10.63998	36.4	PK-U	38	-22.1	0	52.3	-	-	74	-21.7	-	-	0	100	H
* 10.64188	35.68	PK-U	38	-22	0	51.88	-	-	74	-22.32	-	-	0	100	V
* 15.9619	36	PK-U	40.4	-20.7	0	55.7	-	-	74	-18.3	-	-	0	100	H
* 15.96191	36.28	PK-U	40.4	-20.7	0	55.98	-	-	74	-18.02	-	-	0	100	V

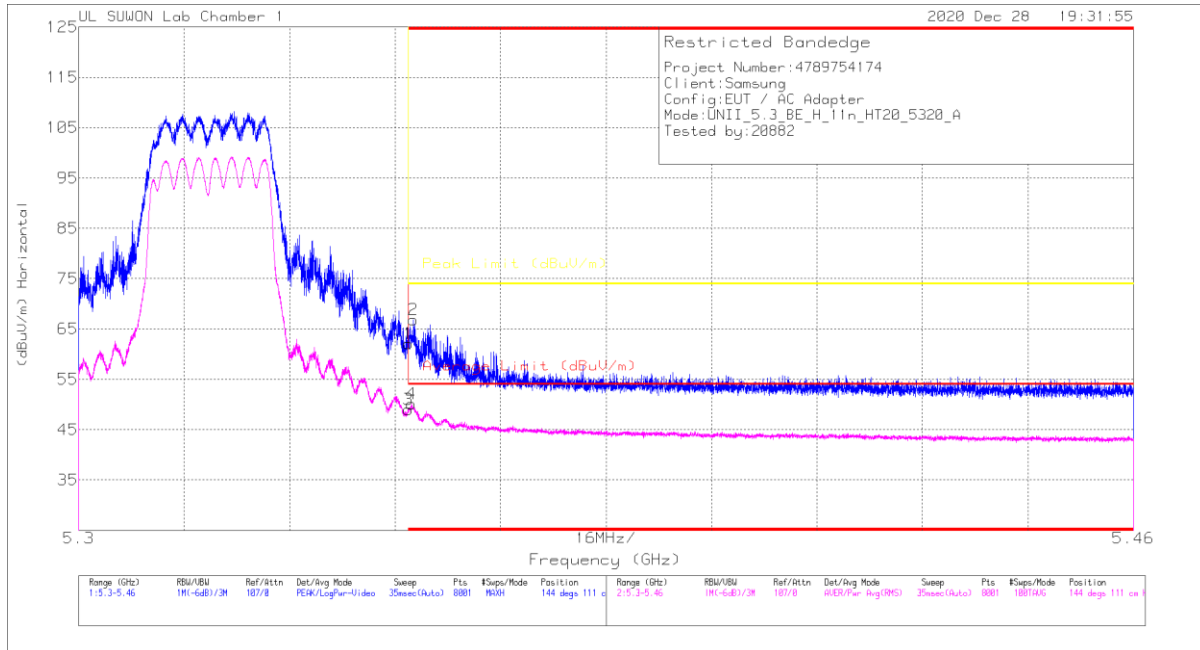
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

### 11.2.2.TX ABOVE 1GHz 802.11n HT20 2Tx MODE IN THE 5.3GHz BAND

#### RESTRICTED BANDEDGE (HIGH CHANNEL)

#### HORIZONTAL PEAK AND AVERAGE DATA



#### Trace Markers

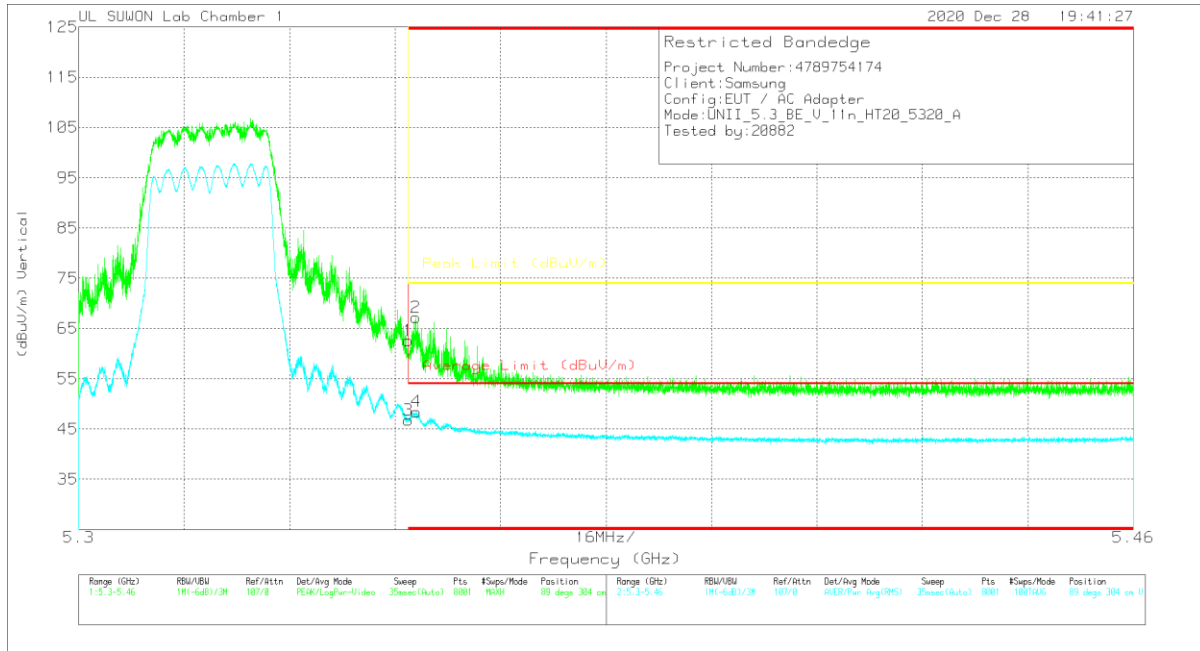
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35002	49.06	Pk	34.5	-21.5	0	62.06	-	-	74	-11.94	144	111	H
2	* 5.35074	53.82	Pk	34.5	-21.5	0	66.82	-	-	74	-7.18	144	111	H
3	* 5.35002	35.94	RMS	34.5	-21.5	.11	49.05	54	-4.95	-	-	144	111	H
4	* 5.3505	37.09	RMS	34.5	-21.6	.11	50.1	54	-3.9	-	-	144	111	H

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

Pk - Peak detector

RMS - RMS detection

**VERTICAL PEAK AND AVERAGE DATA**



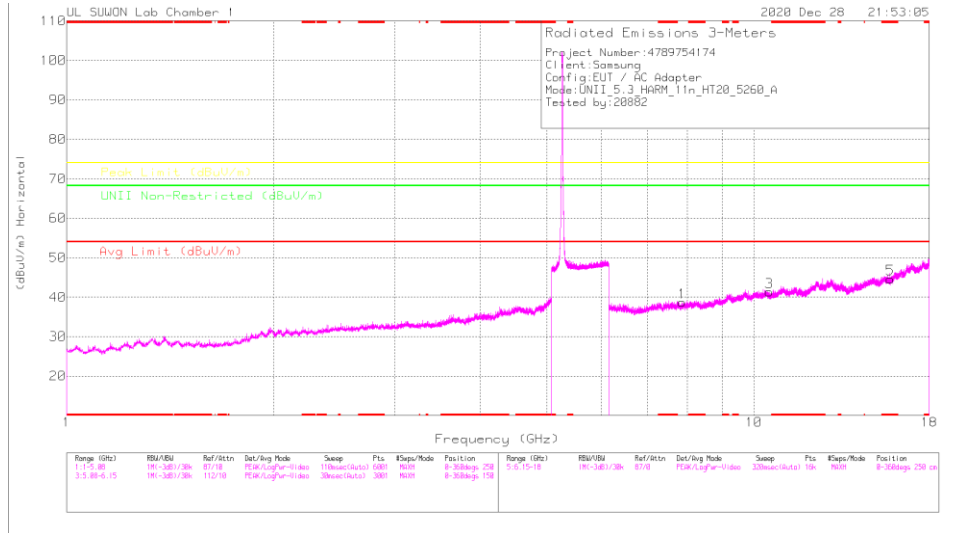
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC 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	* 5.35002	49.56	Pk	34.5	-21.5	0	62.56	-	-	74	-11.44	89	304	V
2	* 5.3511	54.26	Pk	34.5	-21.5	0	67.26	-	-	74	-6.74	89	304	V
3	* 5.35002	33.7	RMS	34.5	-21.5	.11	46.81	54	-7.19	-	-	89	304	V
4	* 5.3512	35.34	RMS	34.5	-21.5	.11	48.45	54	-5.55	-	-	89	304	V

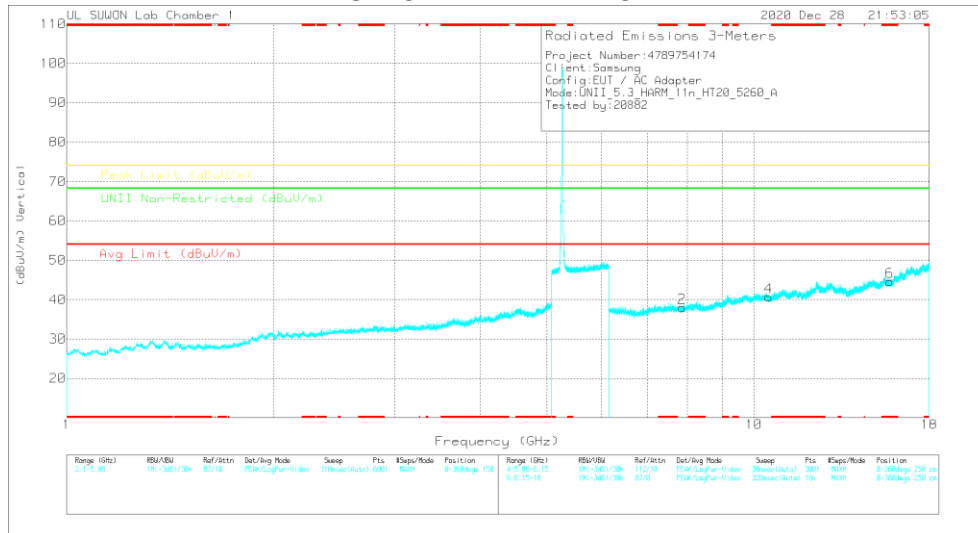
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**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**

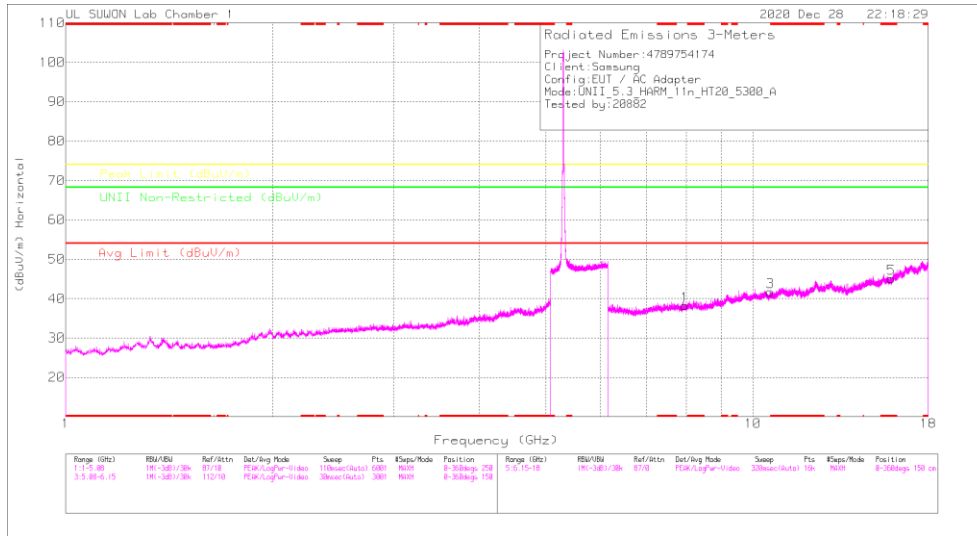
Frequency (GHz)	Meas Reading (dBuV)	Det	317_00168717	6GHz_HF(9dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (cm)	Polarity
7.86701	39.29	PK-U	35.9	-26.4	0	48.79	-	-	-	-	68.2	-19.41	0	100	H
7.88549	39.1	PK-U	35.9	-26.5	0	48.5	-	-	-	-	68.2	-19.7	0	100	V
10.51845	36.51	PK-U	37.9	-22.6	0	51.81	-	-	-	-	68.2	-16.39	0	100	H
10.51935	35.79	PK-U	37.9	-22.6	0	51.09	-	-	-	-	68.2	-17.11	0	100	V
* 15.78169	37.02	PK-U	40.2	-21.1	0	56.12	-	-	74	-17.88	-	-	0	100	H
* 15.78175	36.31	PK-U	40.2	-21.1	0	55.41	-	-	74	-18.59	-	-	0	100	V

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

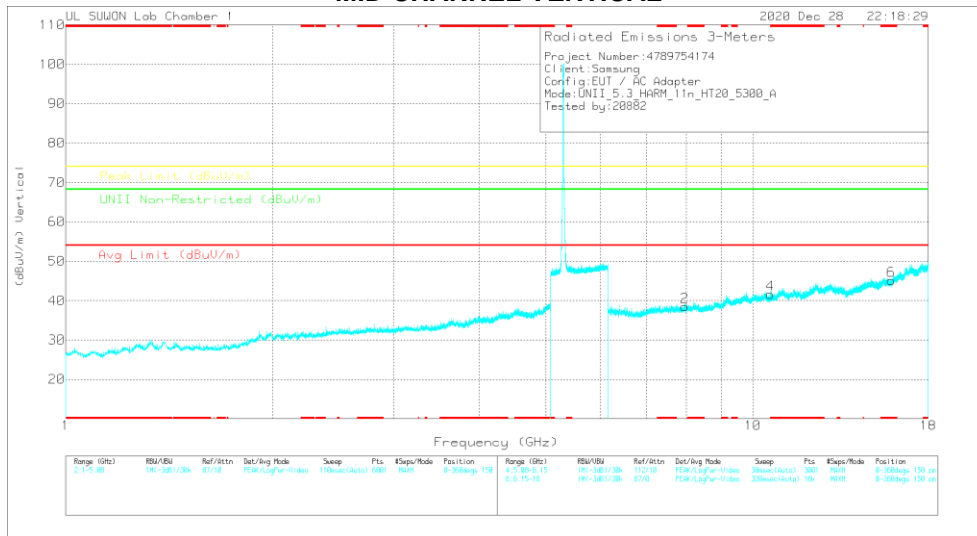
PK-U - U-NII: Maximum Peak



**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.

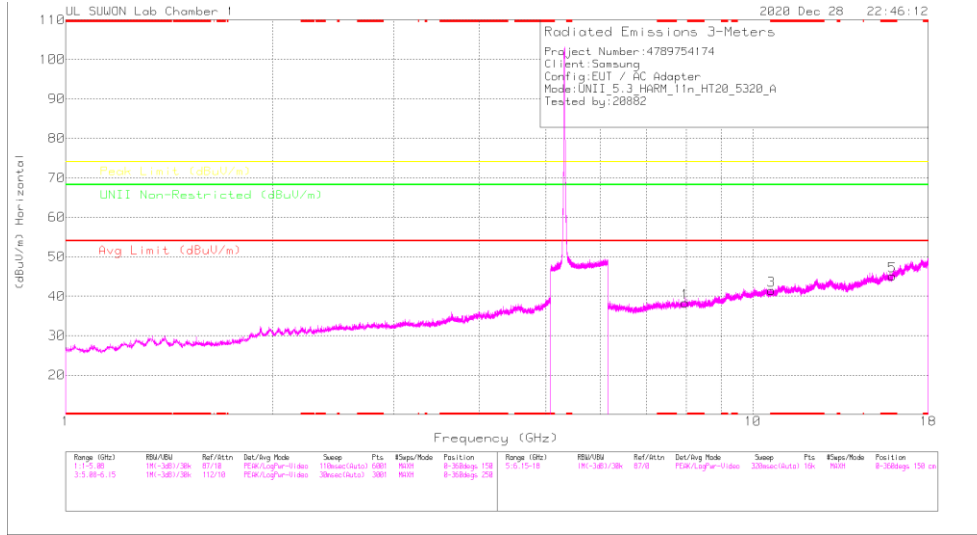
**MID CHANNEL DATA**

**Radiated Emissions**

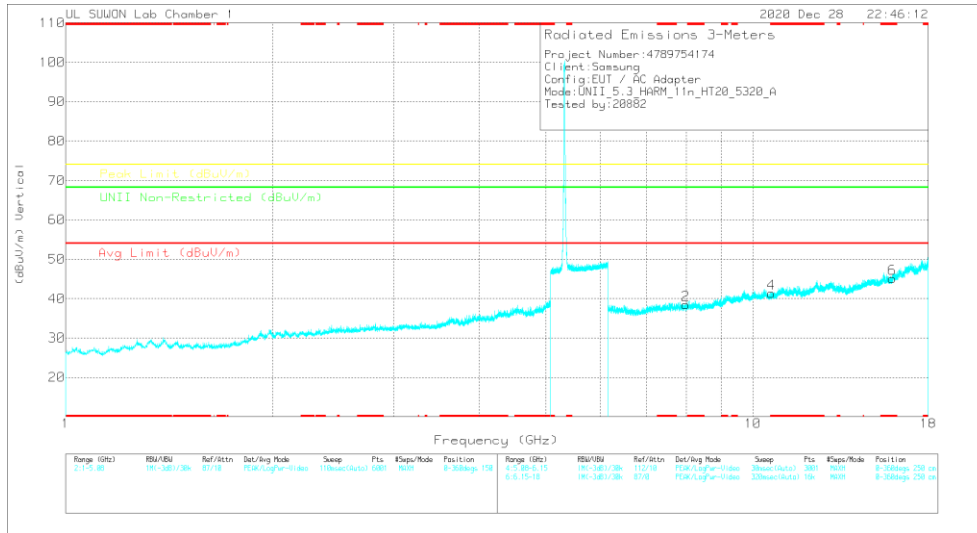
Frequency (GHz)	Max Reading (dBuV)	Det	317.00160717	@GHz_HF@dB	OC Corr (dB)	Corrected Reading (dBuV/m)	Avg Lim (dBuV/m)	Margin (dB)	Peak Lim (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
7.95375	39.16	PK-U	36	-26	0	49.16	-	-	-	-	68.2	-19.04	0	100	H
7.94907	39.15	PK-U	36	-26	0	49.15	-	-	-	-	68.2	-19.05	0	100	V
10.59942	36.31	PK-U	38	-22.5	0	51.81	-	-	-	-	68.2	-16.39	0	100	H
10.59821	35.87	PK-U	38	-22.5	0	51.37	-	-	-	-	68.2	-16.83	0	100	V
* 15.90122	36.42	PK-U	40.3	-20.8	0	55.82	-	-	74	-18.18	-	-	0	100	H
* 15.90236	36.14	PK-U	40.3	-20.9	0	55.54	-	-	74	-18.46	-	-	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)	Main Reading (dBuV)	Det	317_00168717	6GHz_HF[dB]	DC Cor (dB)	Composed Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asmuth (Diags)	Height (cm)	Polarity
7.9771	38.85	PK-U	36	-25.9	0	48.95	-	-	-	-	68.2	-19.25	0	100	H
7.98173	38.6	PK-U	36	-25.9	0	48.7	-	-	-	-	68.2	-19.5	0	100	V
* 10.64185	36.43	PK-U	38	-22	0	52.43	-	74	-21.57	-	-	-	0	100	H
* 10.64072	35.46	PK-U	38	-22.1	0	51.38	-	74	-22.62	-	-	-	0	100	V
* 15.95984	36.19	PK-U	40.4	-20.8	0	55.78	-	74	-18.22	-	-	-	0	100	H
* 15.96184	36.39	PK-U	40.4	-20.8	0	55.99	-	74	-18.01	-	-	-	0	100	V

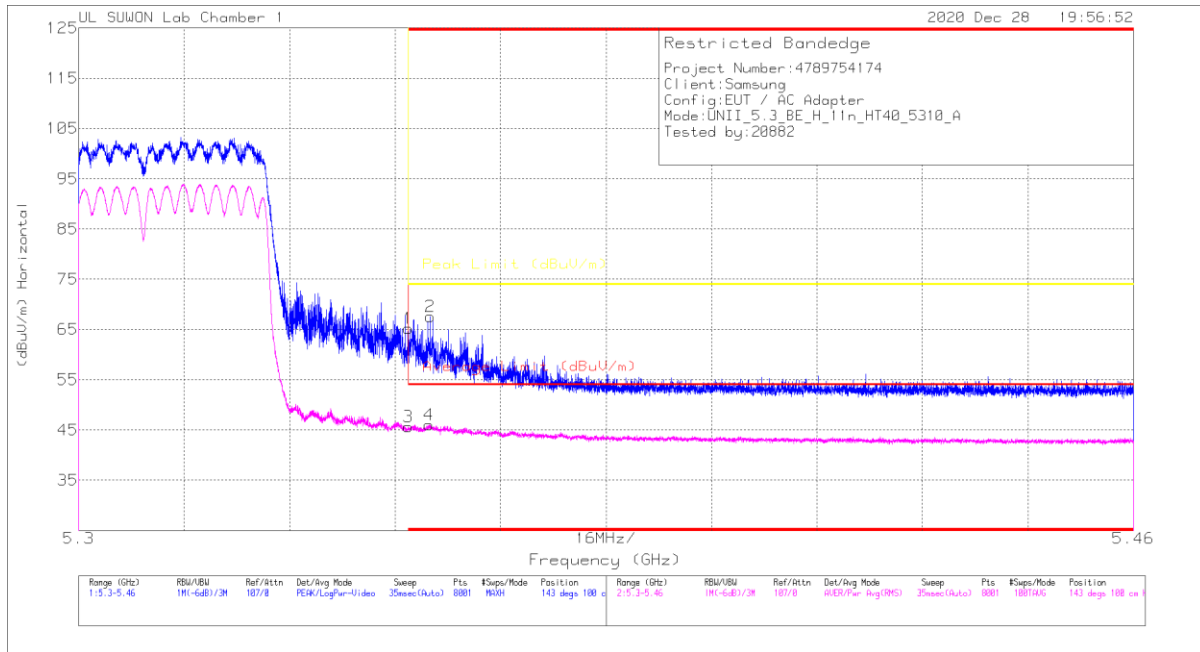
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

### 11.2.3. TX ABOVE 1GHz 802.11n HT40 2Tx MODE IN THE 5.3GHz BAND

#### RESTRICTED BANDEDGE (HIGH CHANNEL)

#### HORIZONTAL PEAK AND AVERAGE DATA

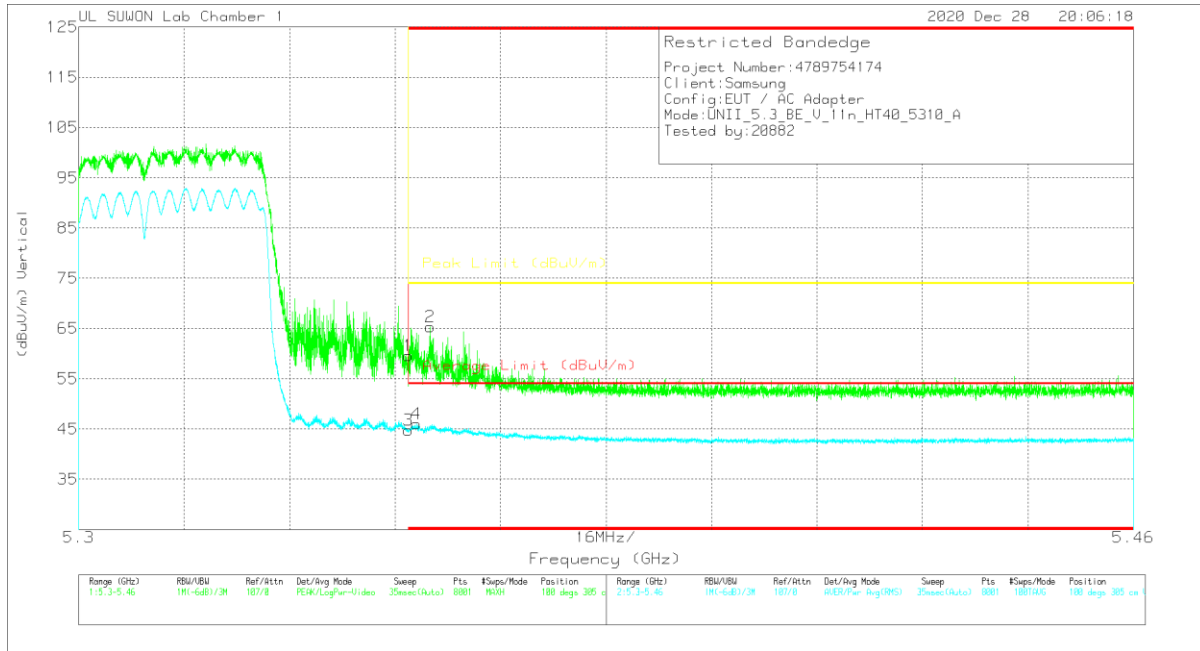


#### Trace Markers

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	* 5.35002	52.23	Pk	34.5	-21.5	0	52.23	-	-	74	-8.77	143	100	H
2	* 5.35334	54.61	Pk	34.5	-21.5	0	67.61	-	-	74	-6.39	143	100	H
3	* 5.35002	32.48	RMS	34.5	-21.5	12	45.6	54	-8.4	-	-	143	100	H
4	* 5.3531	32.95	RMS	34.5	-21.5	12	46.07	54	-7.93	-	-	143	100	H

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

**VERTICAL PEAK AND AVERAGE DATA**



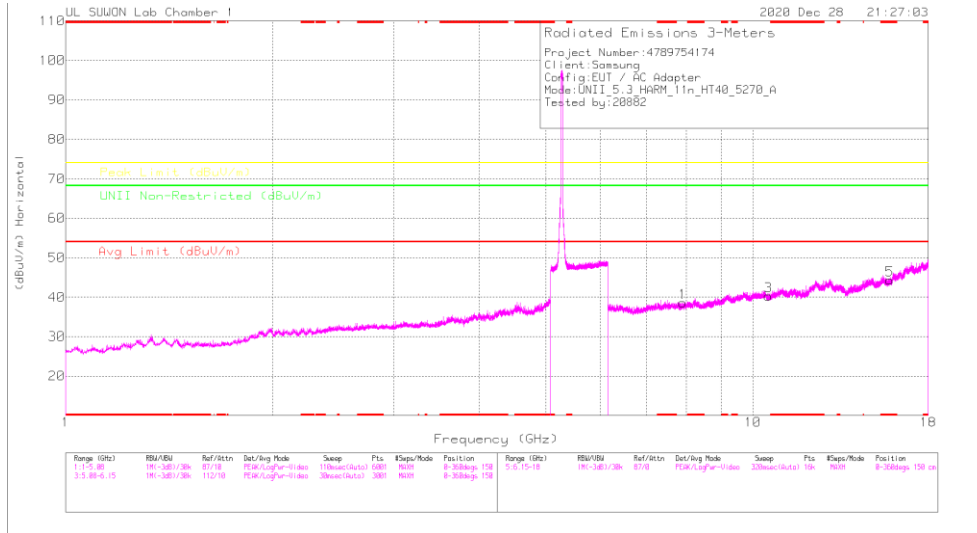
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC 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	* 5.35002	46.57	Pk	34.5	-21.5	0	29.57	-	-	74	-14.43	100	305	V
2	* 5.35328	52.31	Pk	34.5	-21.5	0	65.31	-	-	74	-8.69	100	305	V
3	* 5.35002	31.62	RMS	34.5	-21.5	-12	44.74	54	-9.26	-	-	100	305	V
4	* 5.35126	32.92	RMS	34.5	-21.5	-12	46.04	54	-7.96	-	-	100	305	V

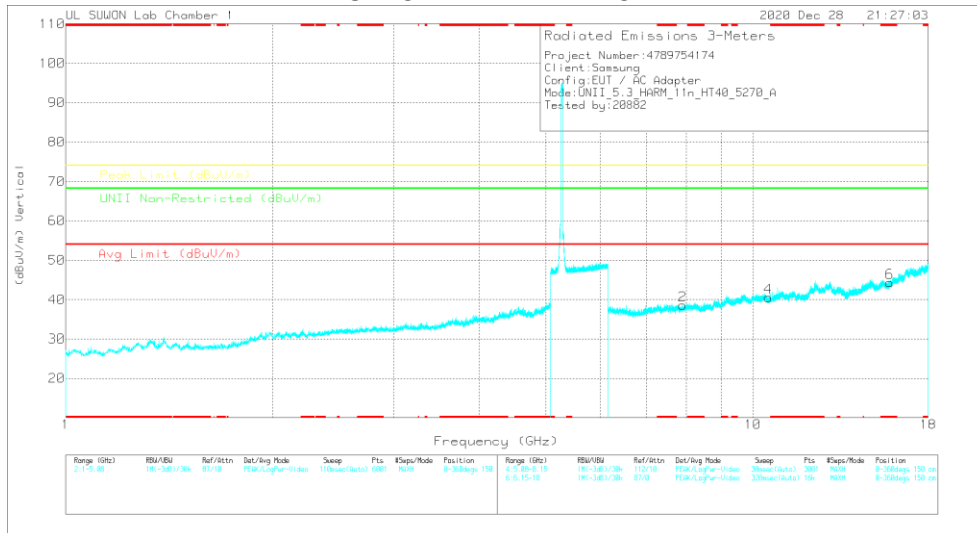
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**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.

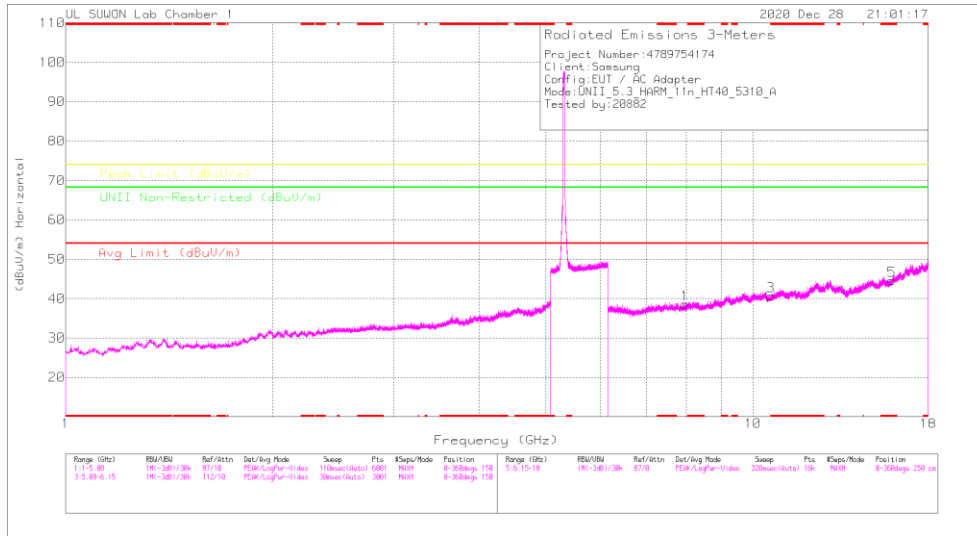
**LOW CHANNEL DATA**

**Radiated Emissions**

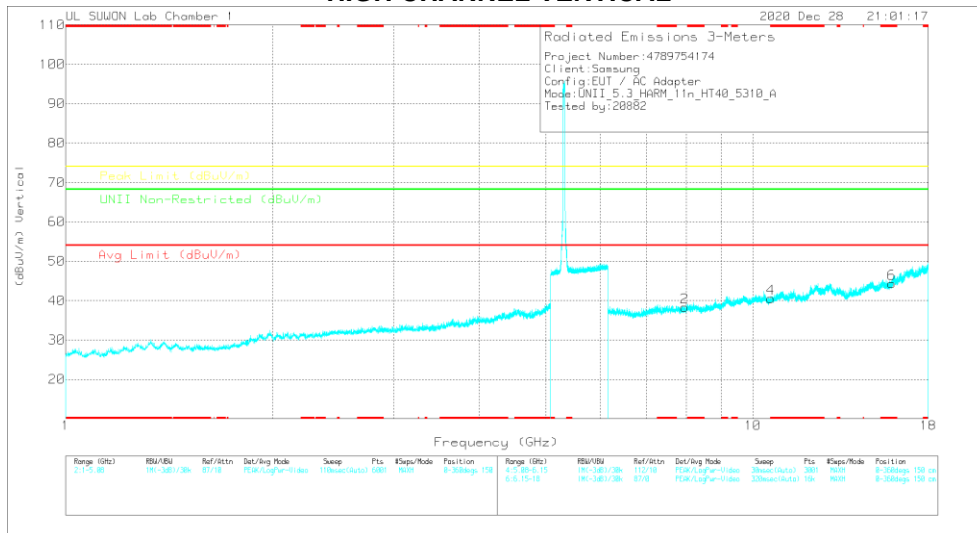
Frequency (GHz)	Meas Reading (dBuV)	Det	317_00168717	6GHz_HF(SB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Actual (Dips)	Height (cm)	Polarity
7.91173	39.4	PK-U	35.9	-26.3	0	49	-	-	-	-	68.2	-19.2	0	100	H
7.90302	39.06	PK-U	35.9	-26.4	0	48.56	-	-	-	-	68.2	-19.64	0	100	V
10.53963	36.32	PK-U	37.9	-22.7	0	51.52	-	-	-	-	68.2	-16.68	0	100	H
10.53822	36.38	PK-U	37.9	-22.7	0	51.58	-	-	-	-	68.2	-16.62	0	100	V
*15.81149	36.12	PK-U	40.2	-21.1	0	55.22	-	74	-	-18.78	-	-	0	100	H
*15.80803	36.19	PK-U	40.2	-21.2	0	55.19	-	74	-	-18.81	-	-	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

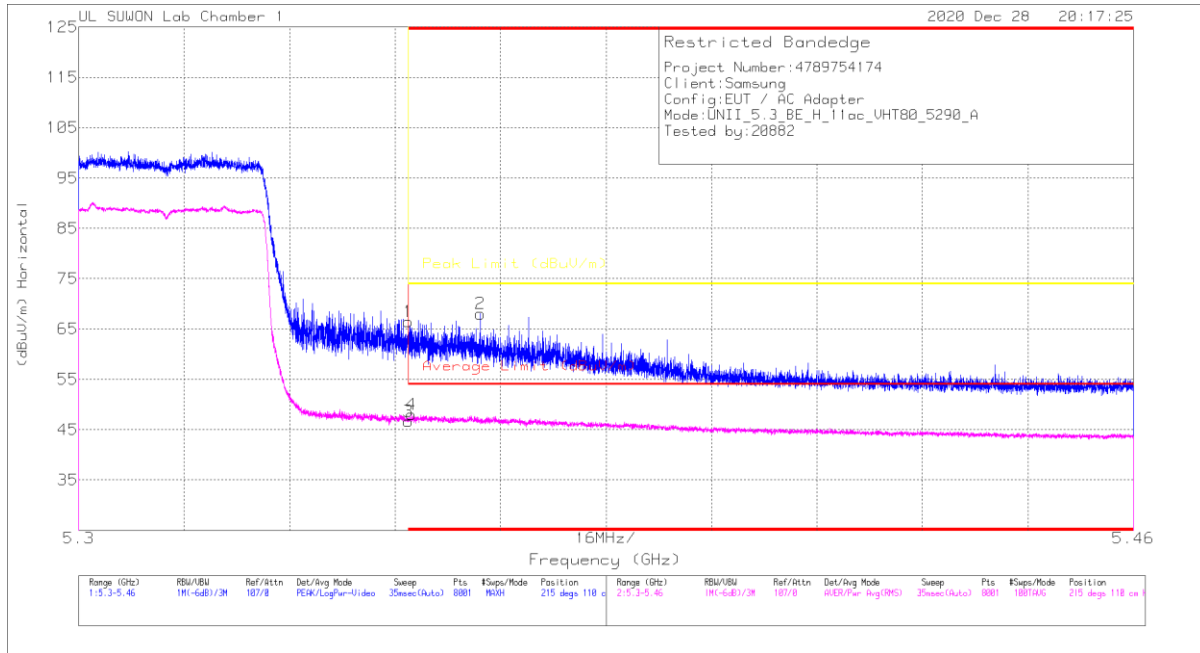
Frequency (GHz)	Max Reading (dBuV)	Det	0117_00168717	SQL_HFSdB	DC Corr (dB)	Concord Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (cm)	Polarity
7.96401	38.74	PK-U	36	-25.9	0	48.84	-	-	-	-	68.2	-19.36	0	100	H
7.96239	38.82	PK-U	36	-26	0	48.82	-	-	-	-	68.2	-19.38	0	100	V
* 10.62051	35.87	PK-U	38	-22.3	0	51.87	-	-	74	-22.43	-	-	0	100	H
* 10.61819	36.41	PK-U	38	-22.3	0	52.11	-	-	74	-21.89	-	-	0	100	V
* 15.93059	35.94	PK-U	40.3	-21	0	55.24	-	-	74	-18.76	-	-	0	100	H
* 15.93094	35.32	PK-U	40.3	-21	0	54.62	-	-	74	-19.38	-	-	0	100	V

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

### 11.2.4. TX ABOVE 1GHz 802.11ac VHT80 2Tx MODE IN THE 5.3GHz BAND

#### RESTRICTED BANDEDGE (High CHANNEL)

#### HORIZONTAL PEAK AND AVERAGE DATA



#### Trace Markers

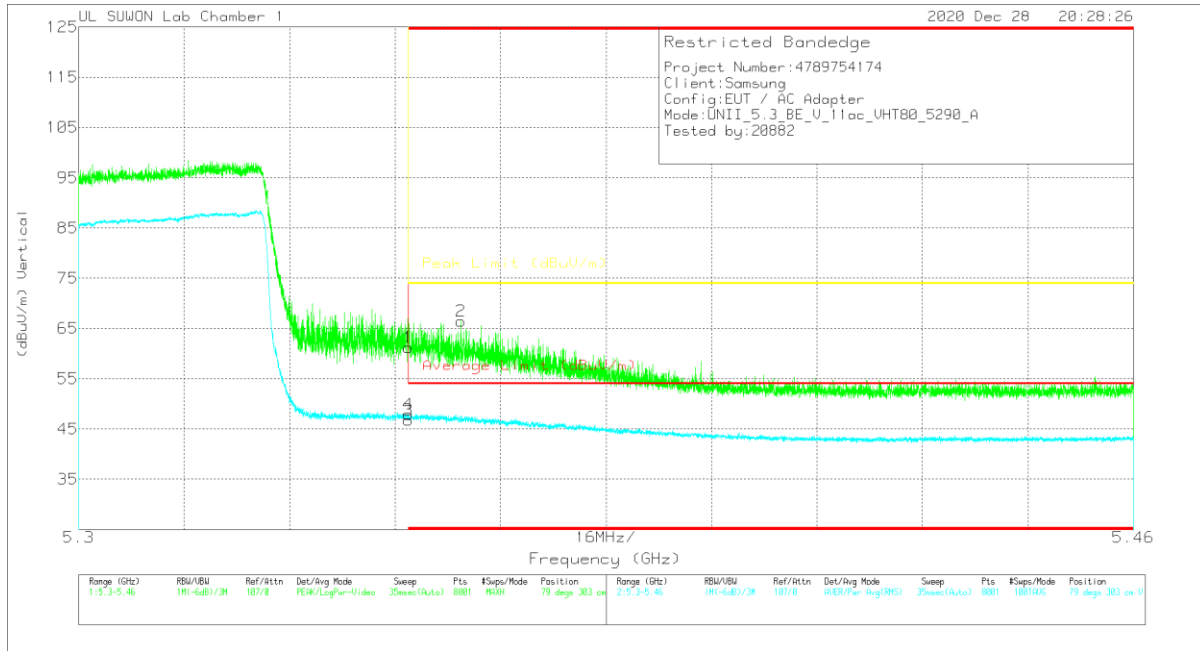
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35002	53.46	Pk	34.5	-21.5	0	66.46	-	-	74	-7.54	215	110	H
2	* 5.3609	55.02	Pk	34.5	-21.5	0	68.02	-	-	74	-5.98	215	110	H
3	* 5.35002	33.42	RMS	34.5	-21.5	.2	46.62	54	-7.38	-	-	215	110	H
4	* 5.35048	34.87	RMS	34.5	-21.6	.2	47.97	54	-6.03	-	-	215	110	H

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

Pk - Peak detector

RMS - RMS detection

**VERTICAL PEAK AND AVERAGE DATA**



**Trace Markers**

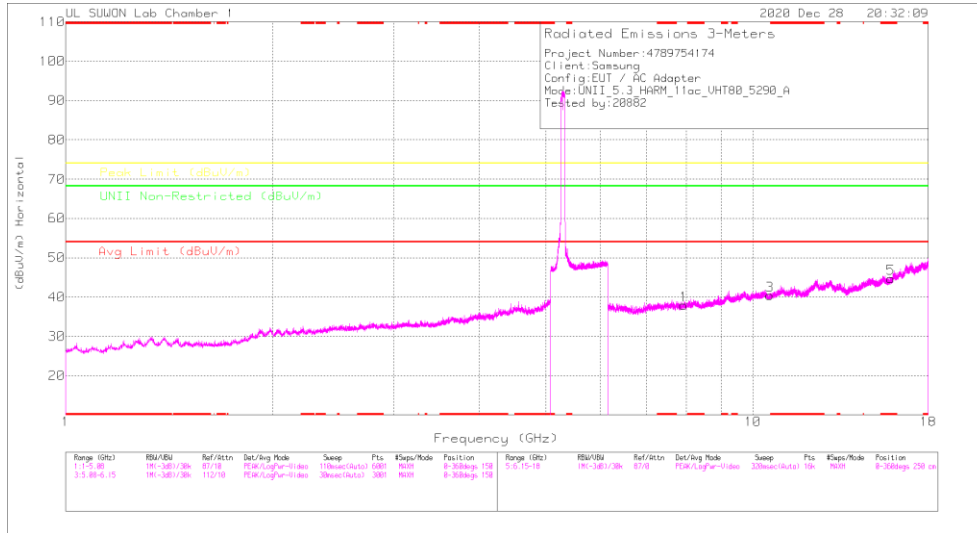
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35002	48.27	Pk	34.5	-21.5	0	61.27	-	-	74	-12.73	79	303	V
2	* 5.35794	53.46	Pk	34.5	-21.5	0	66.46	-	-	74	-7.54	79	303	V
3	* 5.35002	33.62	RMS	34.5	-21.5	2	46.82	54	-7.18	-	-	79	303	V
4	* 5.35004	34.73	RMS	34.5	-21.5	2	47.93	54	-6.07	-	-	79	303	V

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

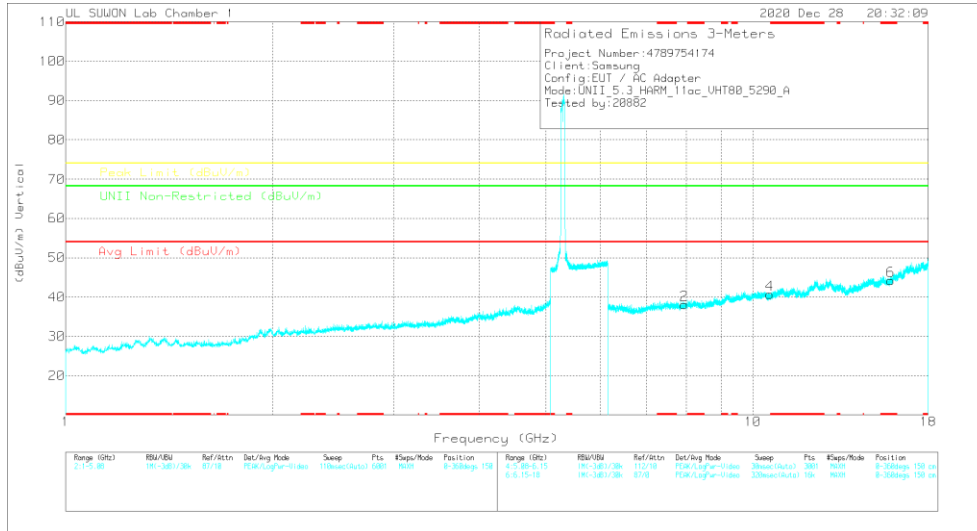


**HARMONICS AND SPURIOUS EMISSIONS**

**MID CHANNEL HORIZONTAL**



**MID CHANNEL VERTICAL**



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

**MID CHANNEL DATA**

**Radiated Emissions**

Frequency (GHz)	Meas Reading (dBuV)	Det	317_00168717	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)	Asymm (Dips)	Height (cm)	Polarity
7.92972	38.78	PK-U	35.9	-26.3	0	48.38	-	-	-	-	68.2	-19.82	0	100	H
7.93406	38.9	PK-U	35.9	-26.2	0	48.6	-	-	-	-	68.2	-19.6	0	100	V
10.57911	36.48	PK-U	37.9	-22.7	0	51.68	-	-	-	-	68.2	-16.52	0	100	H
10.58092	36.13	PK-U	37.9	-22.6	0	51.43	-	-	-	-	68.2	-16.77	0	100	V
* 15.86939	35.92	PK-U	40.3	-20.9	0	55.32	-	-	74	-18.68	-	-	0	100	H
* 15.86951	36.16	PK-U	40.3	-20.8	0	55.56	-	-	74	-18.44	-	-	0	100	V

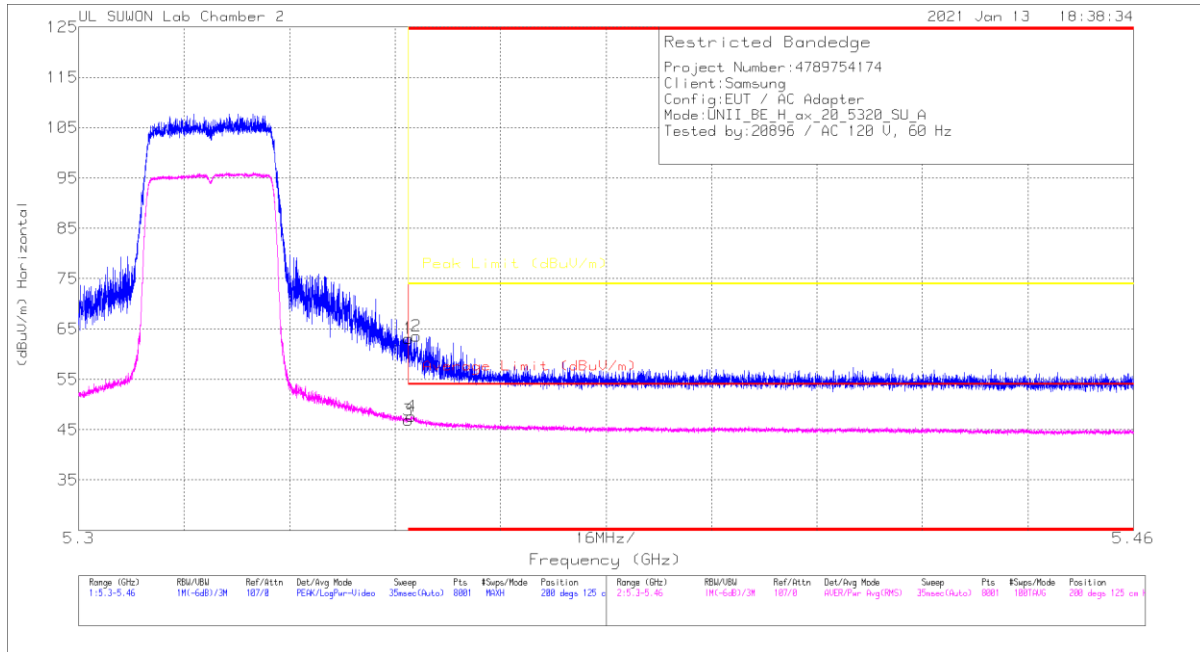
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

### 11.2.5.TX ABOVE 1GHz 802.11ax HE20(SU) 2Tx MODE IN 5.3GHz BAND

#### RESTRICTED BANDEDGE (HIGH CHANNEL)

#### HORIZONTAL PEAK AND AVERAGE DATA



#### Trace Markers

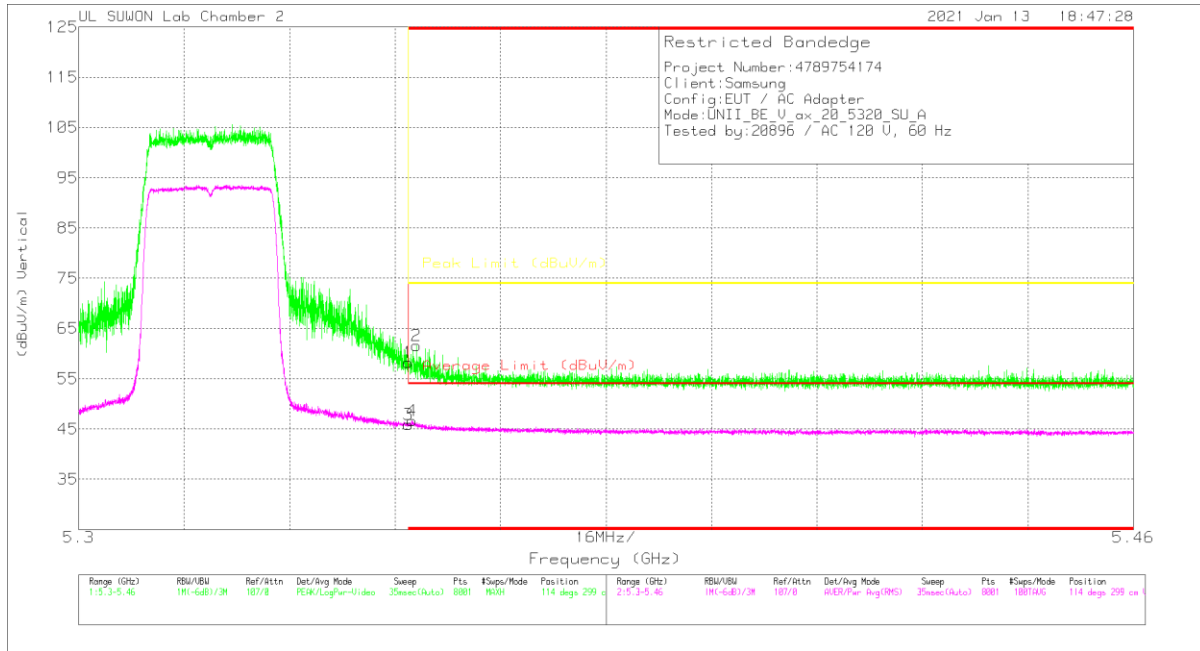
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117.00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35002	46.35	Pk	34.5	-17.7	0	63.15	-	-	74	-10.85	200	125	H
2	* 5.35122	46.77	Pk	34.5	-17.7	0	63.67	-	-	74	-10.43	200	125	H
3	* 5.35002	30.01	RMS	34.5	-17.7	.1	46.91	54	-7.09	-	-	200	125	H
4	* 5.35046	30.78	RMS	34.5	-17.7	.1	47.68	54	-6.32	-	-	200	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**

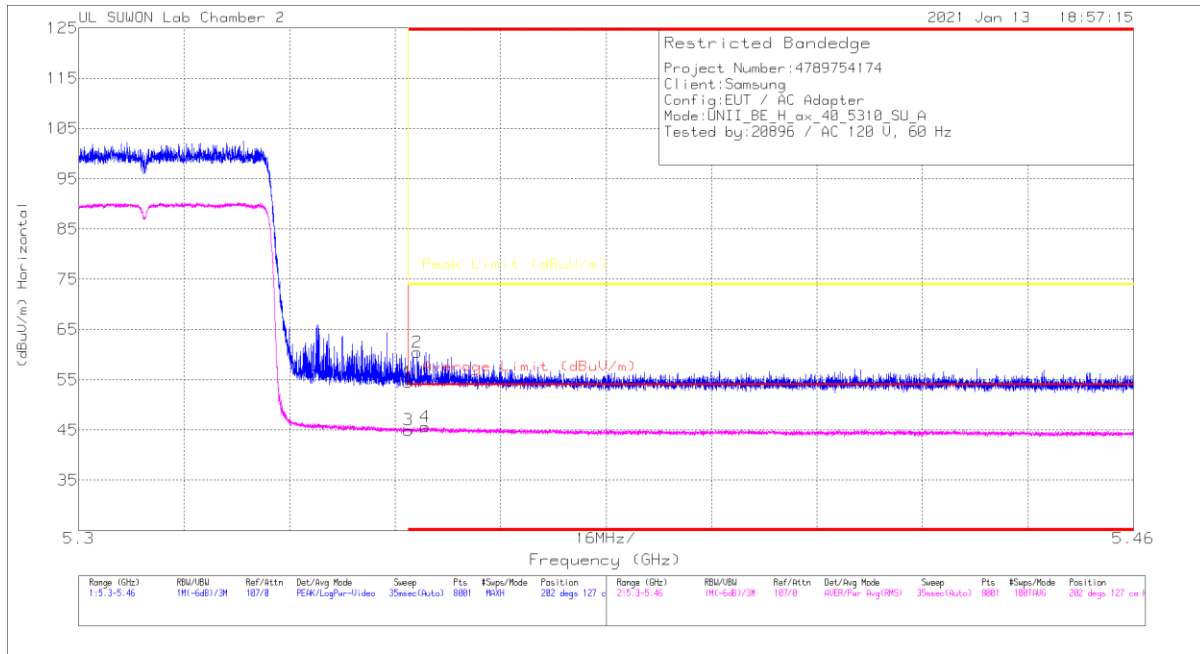
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35002	41.4	Pk	34.5	-17.7	0	58.2	-	-	74	-15.8	114	299	V
2	* 5.35122	44.75	Pk	34.5	-17.7	0	61.55	-	-	74	-12.45	114	299	V
3	* 5.35002	28.98	RMS	34.5	-17.7	.1	45.88	54	-8.12	-	-	114	299	V
4	* 5.35056	29.7	RMS	34.5	-17.7	.1	46.6	54	-7.4	-	-	114	299	V

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

### 11.2.6. TX ABOVE 1GHz 802.11ax HE40(SU) 2Tx MODE IN 5.3GHz BAND

#### RESTRICTED BANDEDGE (HIGH CHANNEL)

#### HORIZONTAL PEAK AND AVERAGE DATA

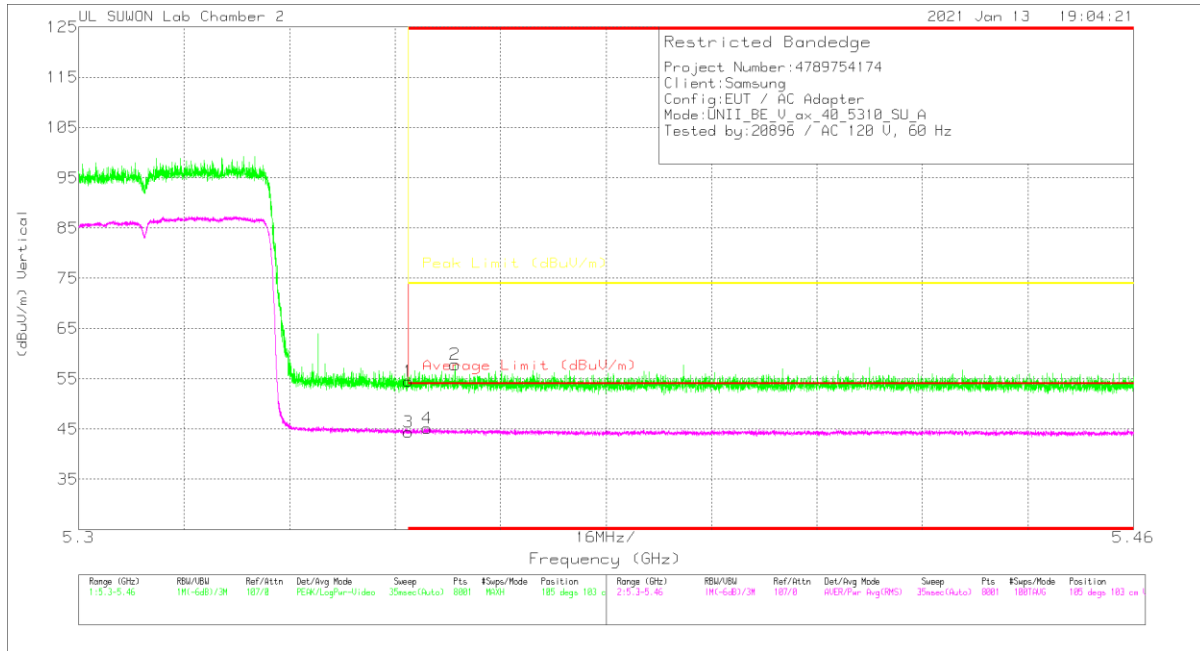


#### Trace Markers

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)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35002	37.69	Pk	34.5	-17.7	0	54.49	-	-	74	-19.51	202	127	H
2	* 5.35136	43.66	Pk	34.5	-17.7	0	60.46	-	-	74	-13.54	202	127	H
3	* 5.35002	28.06	RMS	34.5	-17.7	.1	44.96	54	-9.04	-	-	202	127	H
4	* 5.3526	28.76	RMS	34.5	-17.7	.1	45.66	54	-8.34	-	-	202	127	H

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

**VERTICAL PEAK AND AVERAGE DATA**



**Trace Markers**

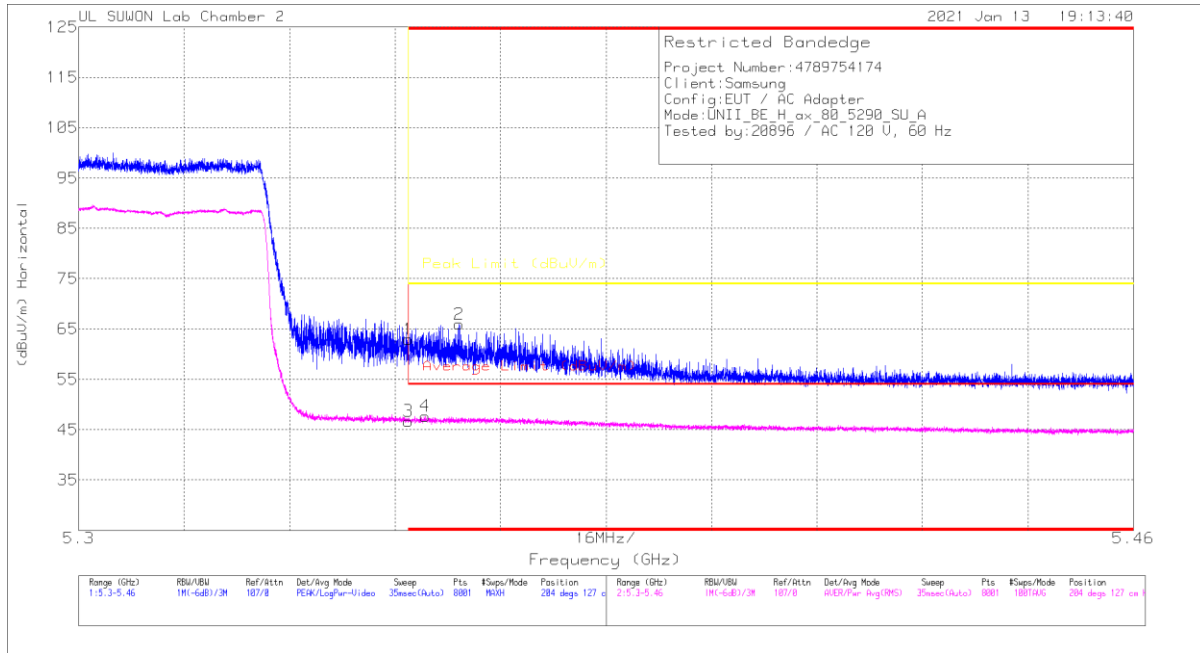
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35002	37.64	Pk	34.5	-17.7	0	54.44	-	-	74	-19.56	105	103	V
2	* 5.35708	41	Pk	34.5	-17.7	0	57.8	-	-	74	-16.2	105	103	V
3	* 5.35002	27.47	RMS	34.5	-17.7	-1	44.37	54	-9.63	-	-	105	103	V
4	* 5.35282	28.23	RMS	34.5	-17.7	-1	45.13	54	-8.87	-	-	105	103	V

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

### 11.2.7. TX ABOVE 1GHz 802.11ax HE80(SU) 2Tx MODE IN 5.3GHz BAND

#### RESTRICTED BANDEDGE (High CHANNEL)

#### HORIZONTAL PEAK AND AVERAGE DATA

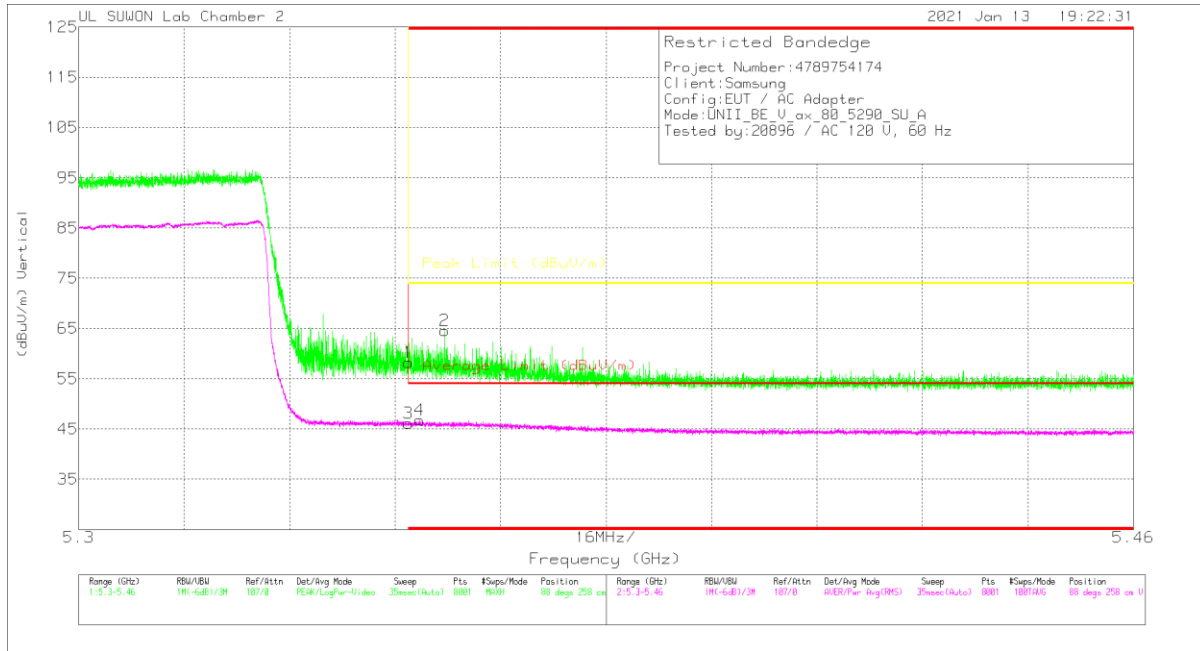


#### Trace Markers

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)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35002	46.18	Pk	34.5	-17.7	0	62.98	-	-	74	-11.02	204	127	H
2	* 5.35772	49.12	Pk	34.5	-17.7	0	65.92	-	-	74	-8.08	204	127	H
3	* 5.35002	29.8	RMS	34.5	-17.7	.1	46.7	54	-7.3	-	-	204	127	H
4	* 5.35252	30.8	RMS	34.5	-17.7	.1	47.7	54	-6.3	-	-	204	127	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	* 5.35002	41.42	Pk	34.5	-17.7	0	58.22	-	-	74	-15.78	88	258	V
2	* 5.35548	47.76	Pk	34.5	-17.7	0	64.56	-	-	74	-9.44	88	258	V
3	* 5.35002	29.22	RMS	34.5	-17.7	.1	46.12	54	-7.88	-	-	88	258	V
4	* 5.3517	29.85	RMS	34.5	-17.7	.1	46.75	54	-7.25	-	-	88	258	V

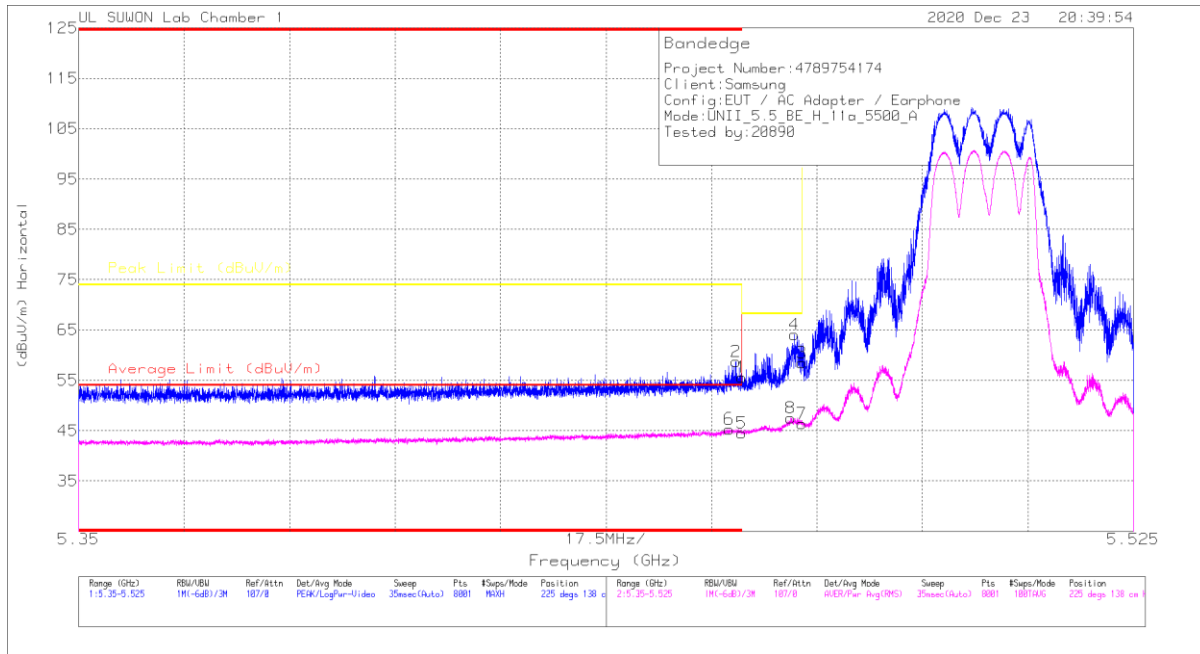
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

### 11.3. 5.5-5.6 GHz

#### 11.3.1. TX ABOVE 1 GHz 802.11a 2Tx MODE IN THE 5.5 GHz BAND

#### RESTRICTED BANDEDGE (LOW CHANNEL)

#### HORIZONTAL PEAK AND AVERAGE DATA



#### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBu/m)	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	42.46	Pk	34.5	-21.3	0	55.66	-	-	74	-18.34	225	138	H
2	* 5.45911	45.56	Pk	34.5	-21.3	0	58.76	-	-	74	-15.24	225	138	H
3	5.46998	45.31	Pk	34.5	-21.3	0	58.51	-	-	68.2	-9.69	225	138	H
4	5.46872	50.91	Pk	34.5	-21.3	0	64.11	-	-	68.2	-4.09	225	138	H
5	* 5.45999	31.21	RMS	34.5	-21.3	-1	44.51	54	-9.49	-	-	225	138	H
6	* 5.45798	32.03	RMS	34.5	-21.3	-1	45.33	54	-8.67	-	-	225	138	H
7	5.46998	33.14	RMS	34.5	-21.3	-1	46.44	-	-	-	-	225	138	H
8	5.46815	34.24	RMS	34.5	-21.3	-1	47.54	-	-	-	-	225	138	H

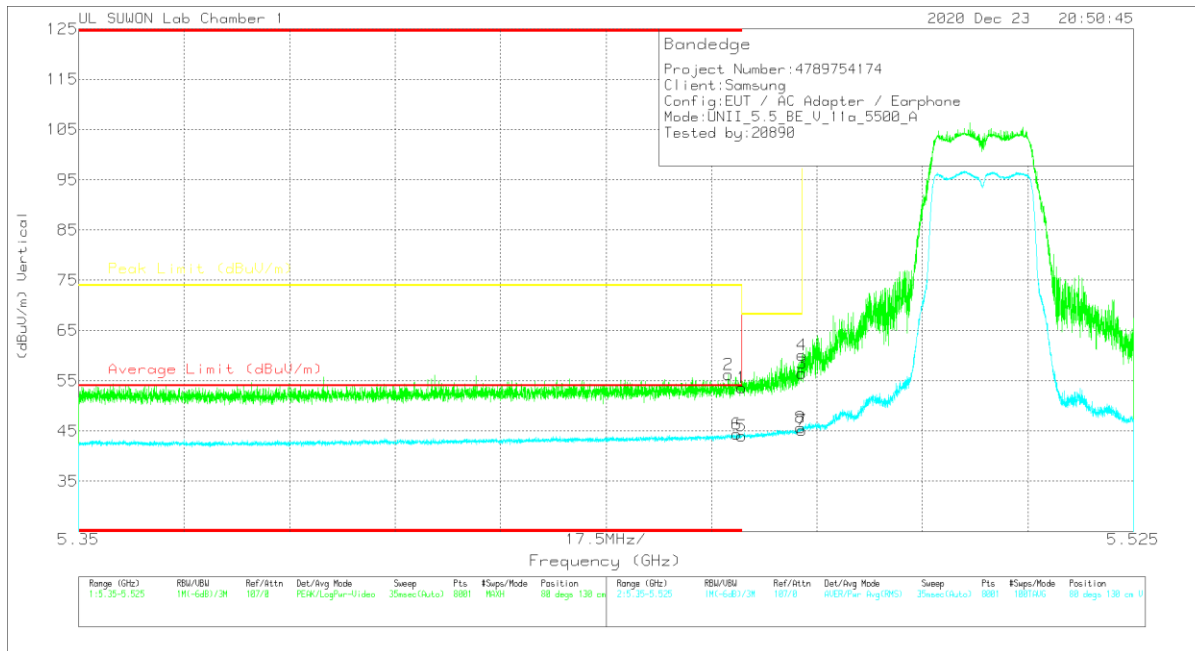
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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 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	40.39	Pk	34.5	-21.3	0	53.59	-	-	74	-20.41	80	130	V
2	* 5.45787	42.99	Pk	34.5	-21.3	0	56.19	-	-	74	-17.81	80	130	V
3	5.46998	43.3	Pk	34.5	-21.3	0	56.5	-	-	68.2	-11.7	80	130	V
4	5.46994	46.92	Pk	34.5	-21.3	0	60.12	-	-	68.2	-8.08	80	130	V
5	* 5.45999	30.68	RMS	34.5	-21.3	-1	43.98	54	-10.02	-	-	80	130	V
6	* 5.45918	31.12	RMS	34.5	-21.3	-1	44.42	54	-9.58	-	-	80	130	V
7	5.46998	31.88	RMS	34.5	-21.3	-1	45.18	-	-	-	-	80	130	V
8	5.46981	32.35	RMS	34.5	-21.3	-1	45.65	-	-	-	-	80	130	V

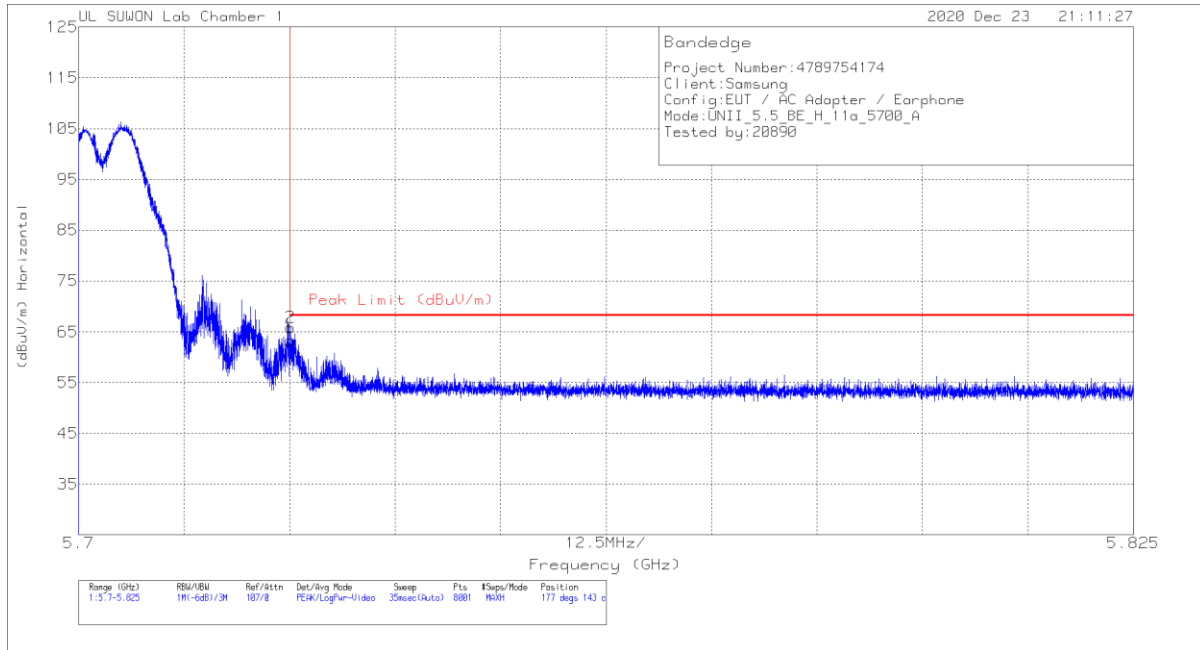
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE DATA**

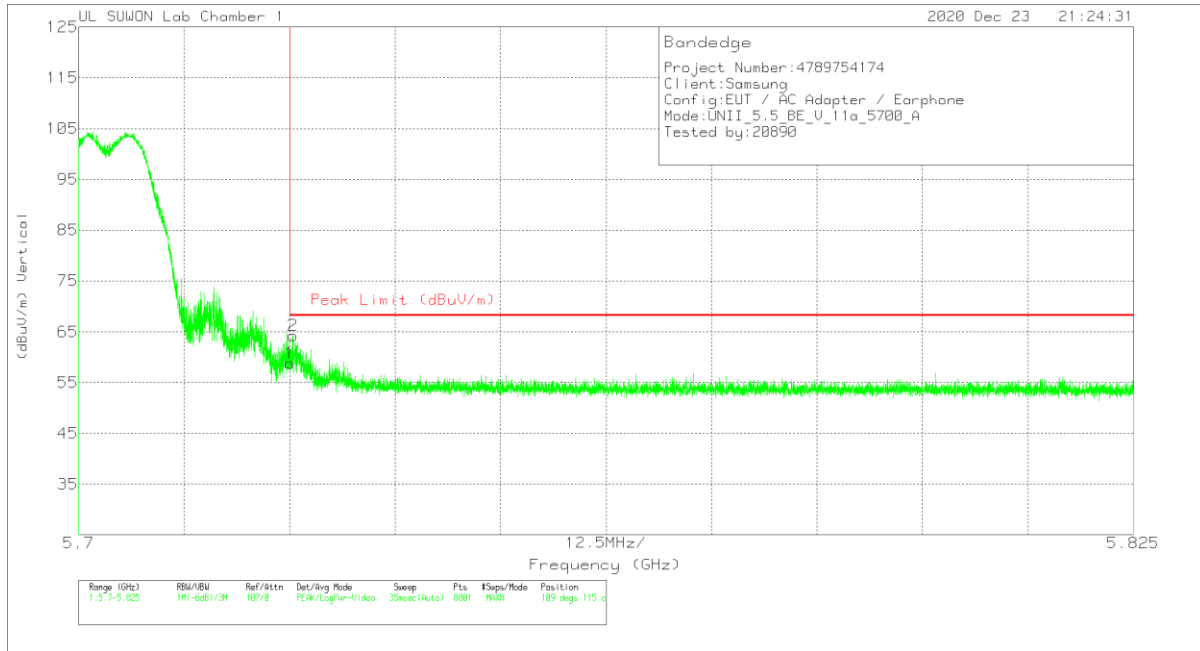


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_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	49.29	Pk	34.9	-20.9	0	63.29	68.2	-4.91	177	143	H
2	5.72506	51.86	Pk	34.9	-20.9	0	65.86	68.2	-2.34	177	143	H

Pk - Peak detector

**VERTICAL PEAK AND AVERAGE DATA**



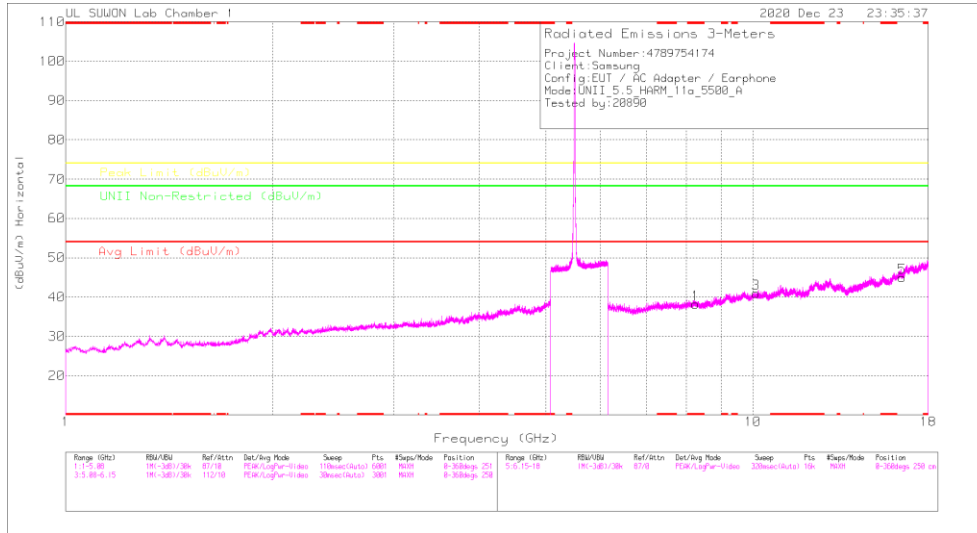
**Trace Markers**

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	44.89	Pk	34.9	-20.9	0	58.89	68.2	-9.31	109	115	V
2	5.72542	50.31	Pk	34.9	-20.9	0	64.31	68.2	-3.89	109	115	V

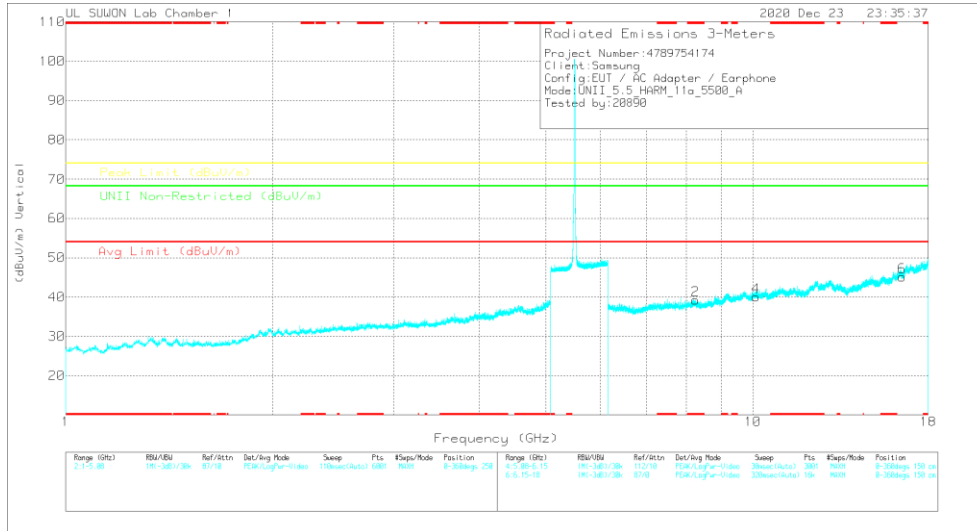
Pk - Peak detector

**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.

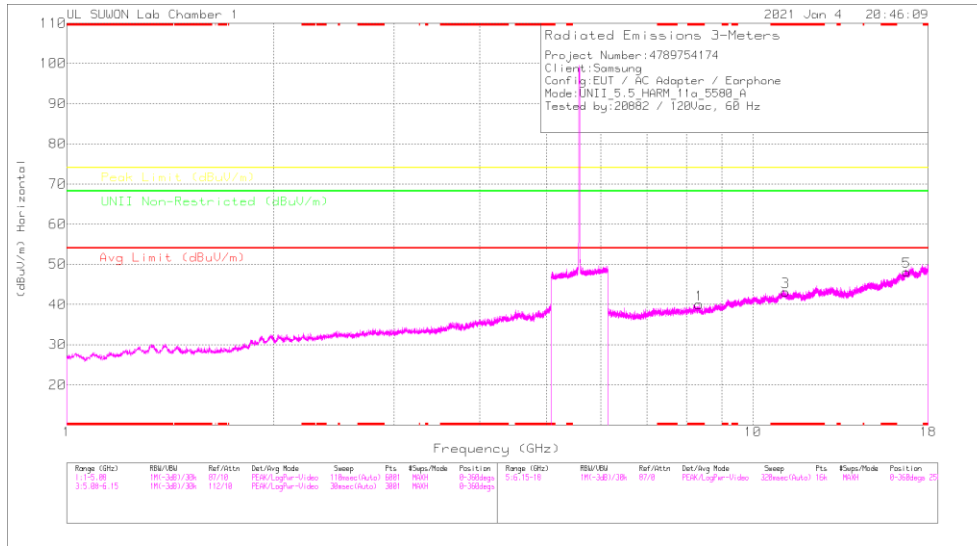
**LOW CHANNEL DATA**

**Radiated Emissions**

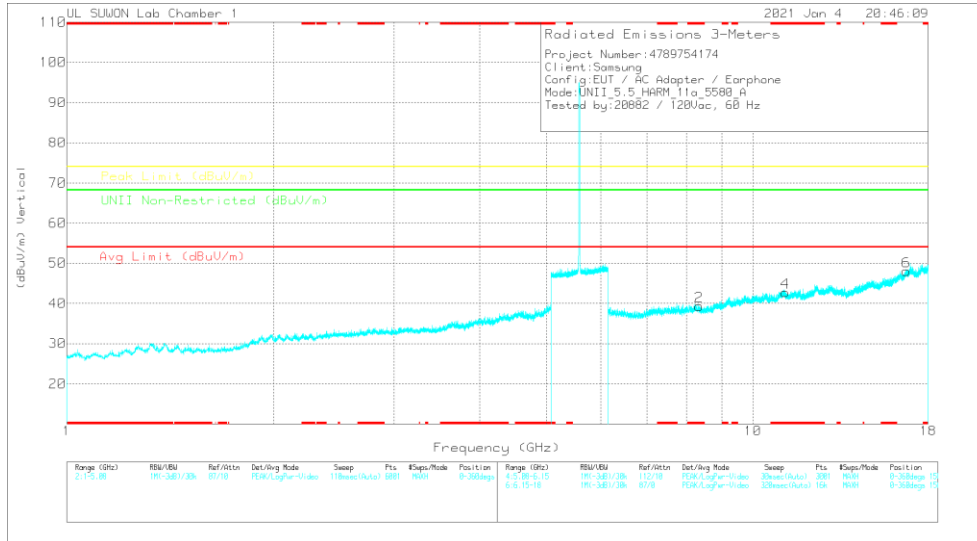
Frequency (GHz)	Max Reading (dBm)	Det	3117_00168717	6GHz_HF[dB]	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	Margin (dB)	UNII Non-Restricted (dBm)	Margin (dB)	Azimuth (Deg)	Height (cm)	Polarity
* 8.24843	37.55	PK-U	36.3	-25.3	0	48.85	-	-	74	-25.15	-	-	0	100	H
* 8.2514	37.76	PK-U	36.3	-25.2	0	48.86	-	-	74	-25.14	-	-	0	100	V
10.10293	36.53	PK-U	37.8	-22.1	0	52.23	-	-	-	-	68.2	-15.97	0	100	H
10.1025	36.34	PK-U	37.8	-22	0	52.14	-	-	-	-	68.2	-16.06	0	100	V
16.50034	35.57	PK-U	41.1	-19.6	0	57.07	-	-	-	-	68.2	-11.13	0	100	H
16.49968	35.29	PK-U	41.1	-19.7	0	56.69	-	-	-	-	68.2	-11.51	0	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**

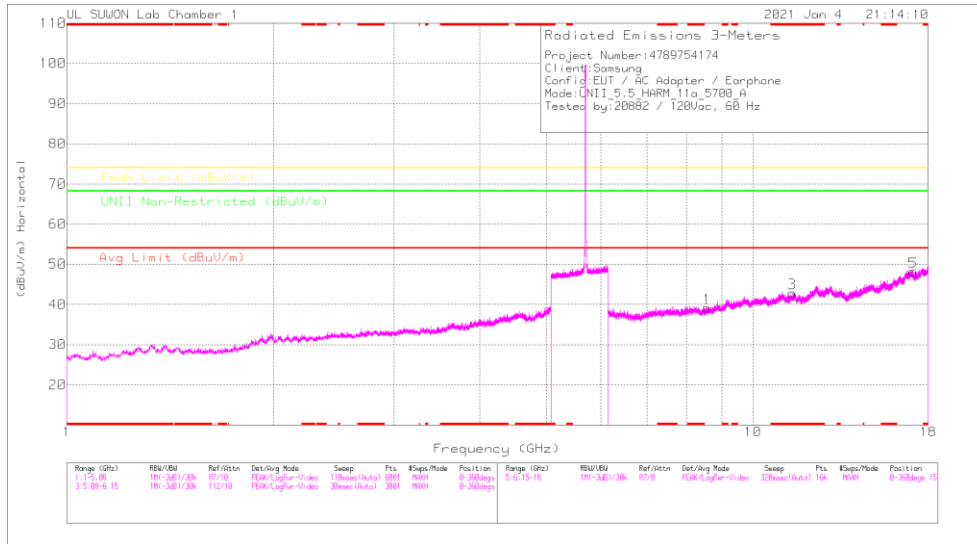
**Radiated Emissions**

Frequency (GHz)	Mask Reading (dBuV)	Det	317_00168717	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)	Altitude (Feet)	Height (m)	Polarity
* 8.34359	38.4	PK-U	36.3	-25.2	0	49.5	-	-	74	-24.5	-	-	360	100	H
* 8.34424	38.2	PK-U	36.3	-25.1	0	49.4	-	-	74	-24.6	-	-	360	100	V
* 11.16042	37.39	PK-U	38.4	-22.5	0	53.29	-	-	74	-20.71	-	-	360	100	H
* 11.15	36.98	PK-U	38.4	-22.4	0	52.98	-	-	74	-21.02	-	-	360	100	V
16.74081	35.11	PK-U	41.5	-17.9	0	58.71	-	-	-	-	68.2	-9.49	360	100	H
16.73974	35.05	PK-U	41.5	-18	0	58.55	-	-	-	-	68.2	-9.65	360	100	V

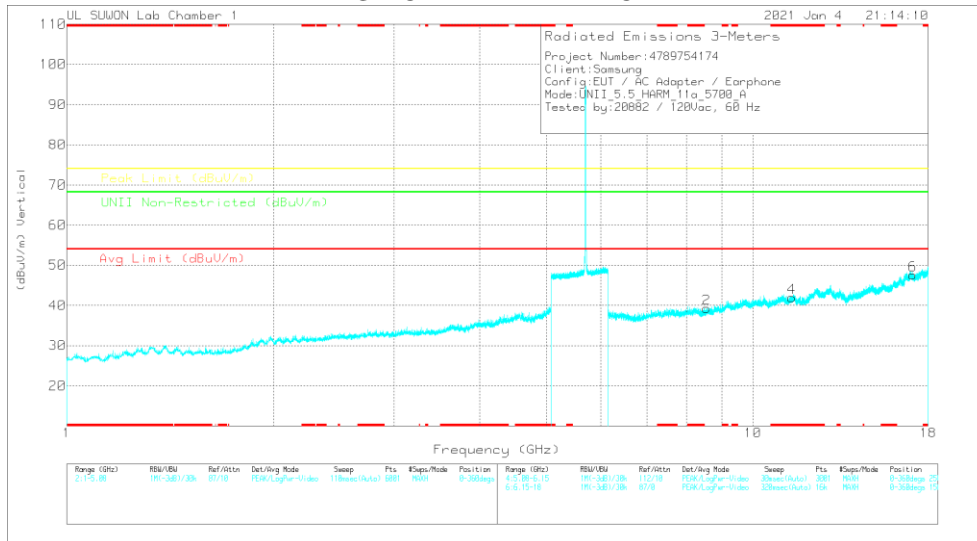
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

### HIGH CHANNEL HORIZONTAL



### HIGH CHANNEL VERTICAL



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

### HIGH CHANNEL DATA

#### Radiated Emissions

Frequency(GHz)	MeasReading(dBuV)	Dir	3117_30168717	6GHz_HPM6	DC Corr (dB)	ConcordanceReading(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
8.56689	37.78	PK-U	36.3	-24.4	0	49.68	-	-	-	-	68.2	-18.52	360	100	H
8.5481	37.87	PK-U	36.2	-24.5	0	49.57	-	-	-	-	68.2	-18.63	360	100	V
* 11.39812	36.46	PK-U	38.4	-22.1	0	52.79	-	-	74	-21.21	-	-	360	100	H
* 11.3981	36.47	PK-U	38.4	-22.1	0	52.77	-	-	74	-21.23	-	-	360	100	V
17.10103	34.98	PK-U	41.5	-17.5	0	58.98	-	-	-	-	68.2	-9.22	360	100	H
17.09817	35.36	PK-U	41.5	-17.5	0	59.36	-	-	-	-	68.2	-8.84	360	100	V

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