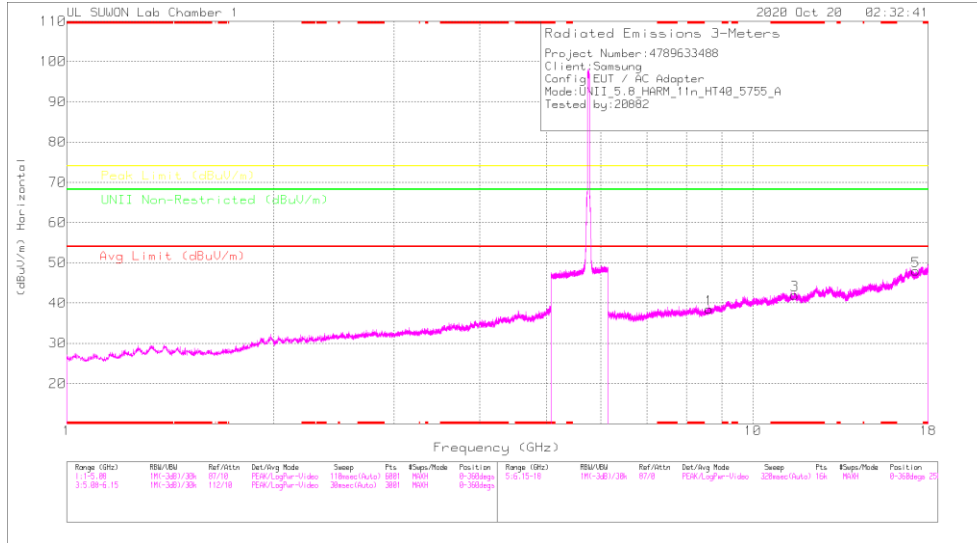
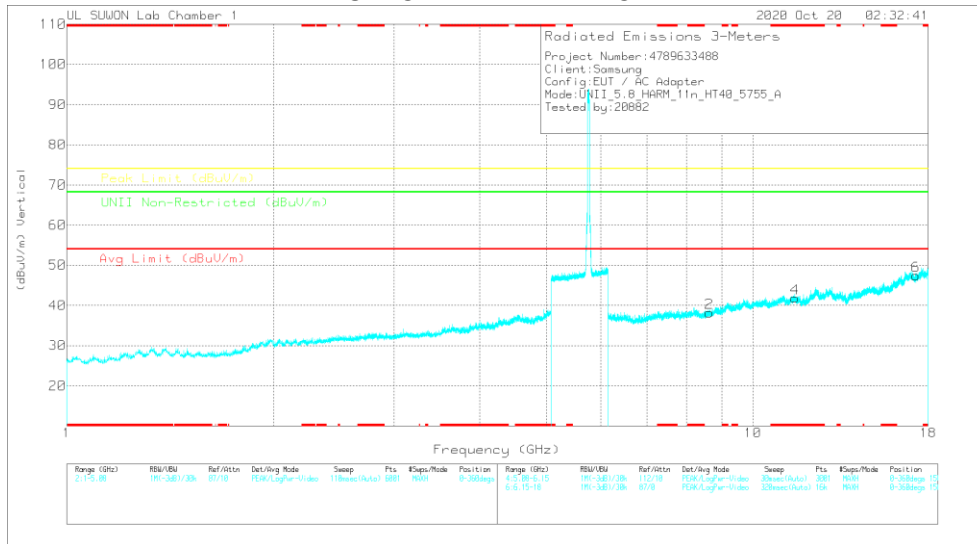


HARMONICS AND SPURIOUS EMISSIONS

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.

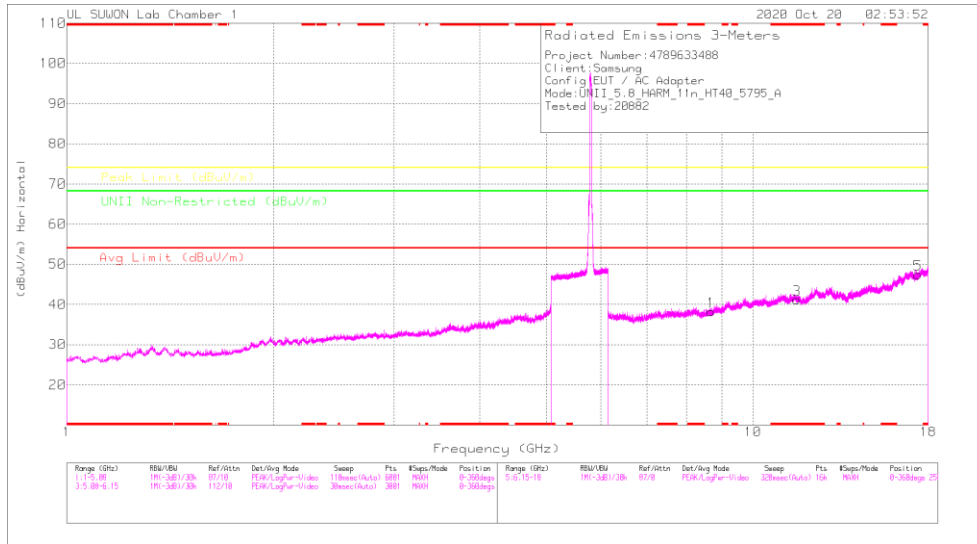
LOW CHANNEL DATA

Radiated Emissions

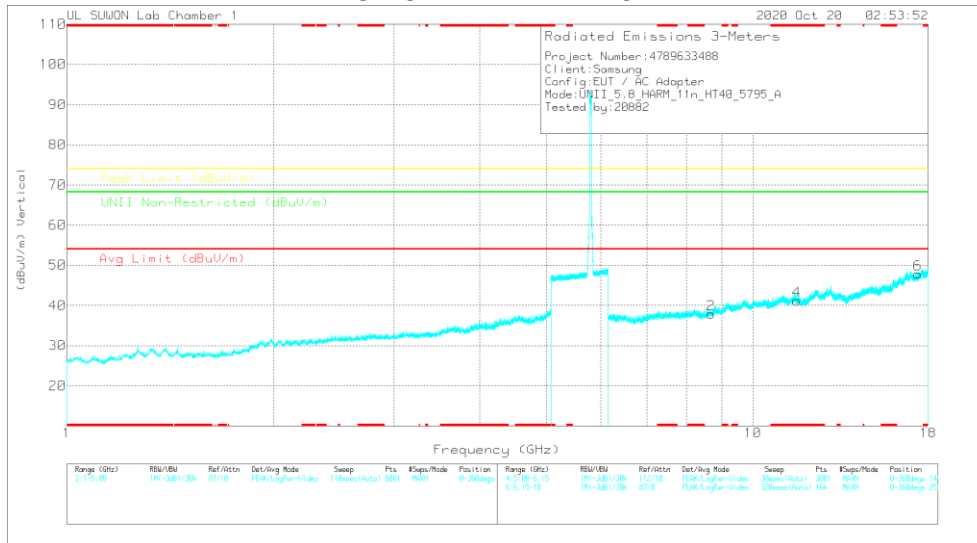
Frequency (GHz)	Mask Reading (dBuV)	Det	317_00168717	6GHz_HPS(B)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimth (dBps)	Height (cm)	Polarity
8.63243	37.26	PK-U	36.3	-24.6	0	48.36	-	-	-	-	68.2	-19.24	360	100	H
8.63173	37.03	PK-U	36.3	-24.6	0	48.73	-	-	-	-	68.2	-19.47	360	100	V
* 11.51149	36.77	PK-U	38.3	-22.3	0	52.77	-	-	74	-21.23	-	-	360	100	H
* 11.51094	37	PK-U	38.3	-22.3	0	53	-	-	74	-21	-	-	360	100	V
17.26352	34.09	PK-U	41.2	-17.5	0	57.79	-	-	-	-	68.2	-10.41	360	100	H
17.26621	34.28	PK-U	41.2	-17.5	0	57.98	-	-	-	-	68.2	-10.22	360	100	V

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

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

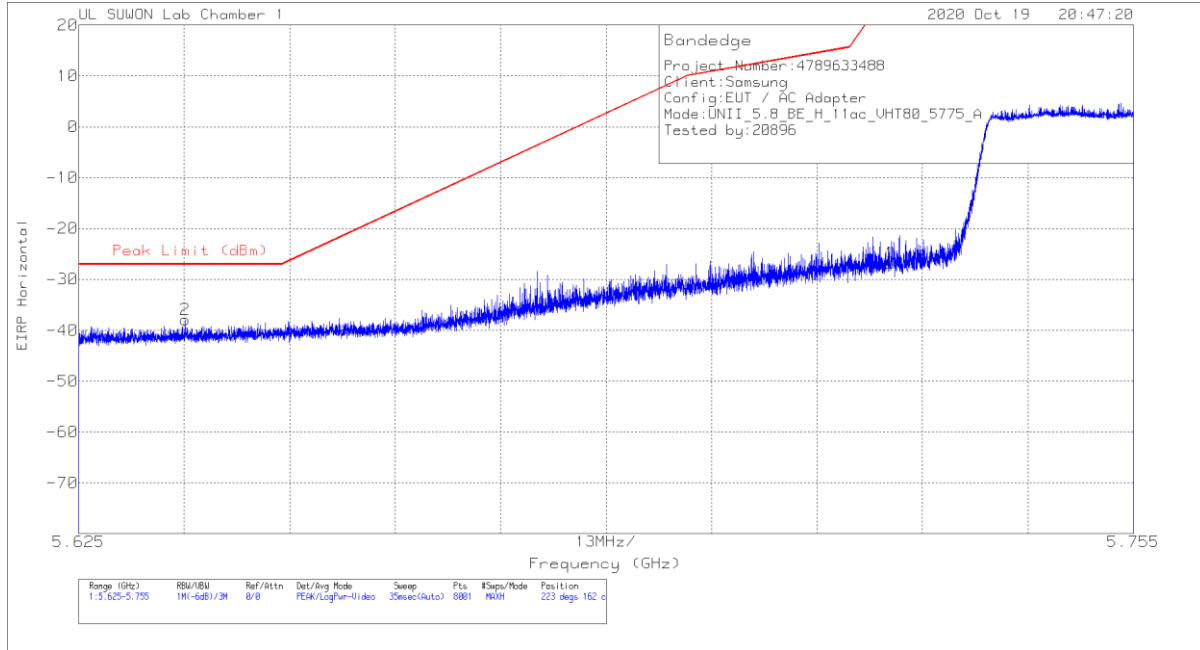
Frequency (GHz)	Meas Reading (dBm)	Det	317_00168717	6GHz_HF[S]	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (m)	Polarity
8.69126	37.85	PK-U	36.3	-25.3	0	48.85	-	-	-	-	68.2	-19.35	0	100	H
8.69052	37.76	PK-U	36.3	-25.3	0	48.76	-	-	-	-	68.2	-19.44	0	100	V
* 11.59176	36.44	PK-U	38.3	-22.2	0	52.54	-	-	74	-21.46	-	-	0	100	H
* 11.58879	36.09	PK-U	38.3	-22.1	0	52.29	-	-	74	-21.71	-	-	0	100	V
17.38636	34.63	PK-U	41.2	-17.6	0	58.23	-	-	-	-	68.2	-8.97	0	100	H
17.3832	34.26	PK-U	41.2	-17.7	0	57.76	-	-	-	-	68.2	-10.44	0	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

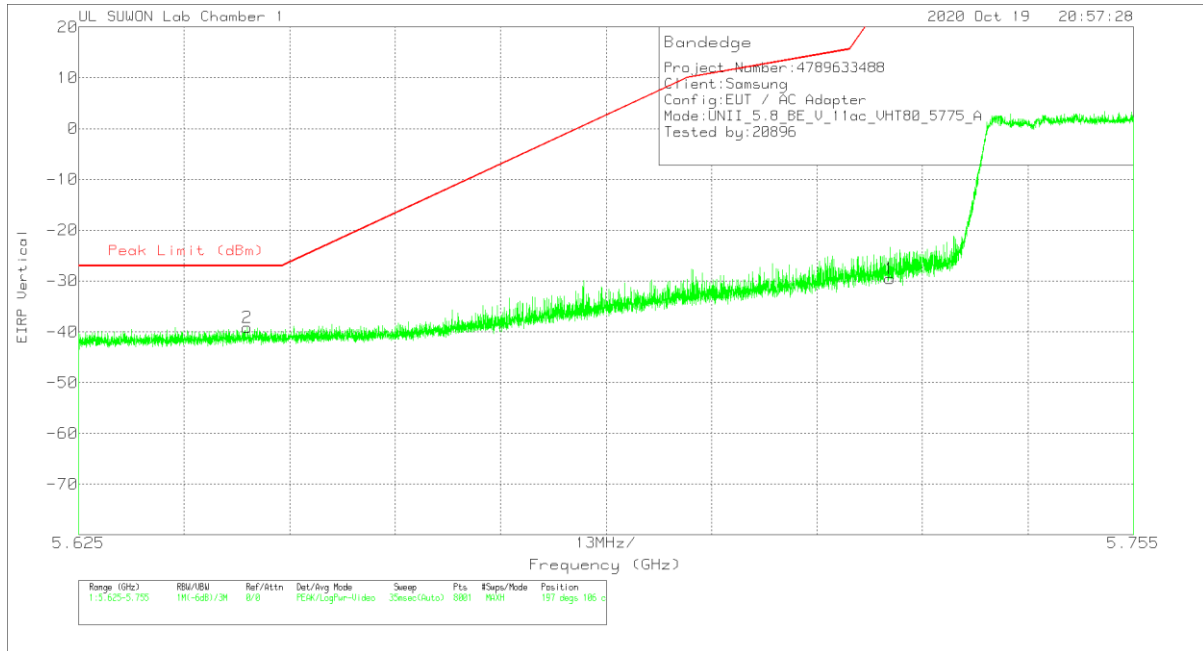


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	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	-52.6	Pk	34.9	-20.9	11.8	0	-26.8	26.97	-53.77	223	162	H
2	5.63811	-63.39	Pk	34.7	-21	11.8	0	-37.89	-27	-10.89	223	162	H

PK - Peak detector

VERTICAL PEAK DATA



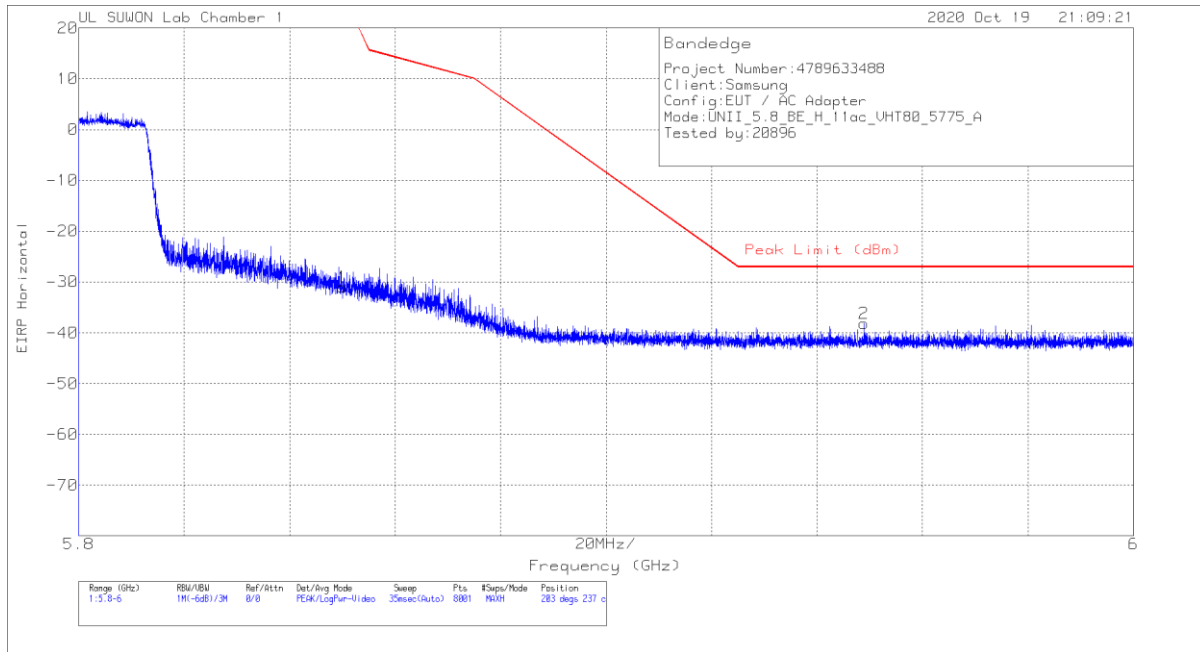
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	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	-55.37	Pk	34.9	-20.9	11.8	0	-29.57	26.97	-56.54	197	106	V
2	5.6458	-64.81	Pk	34.8	-20.9	11.8	0	-39.11	-27	-12.11	197	106	V

Pk - Peak detector

BANDEDGE (Upper side)

HORIZONTAL PEAK DATA

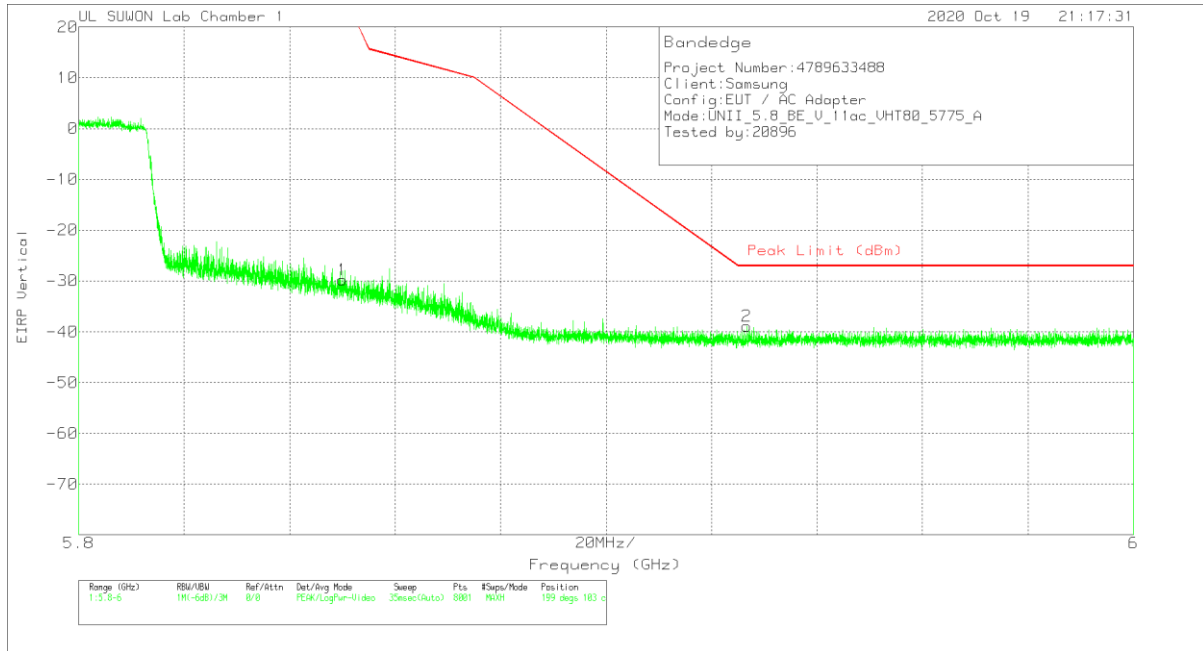


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	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	-57	Pk	35.1	-20.9	11.8	0	-31	26.94	-57.94	203	237	H
2	5.94895	-64.46	Pk	35.2	-20.7	11.8	0	-38.16	-27	-11.16	203	237	H

Pk - Peak detector

VERTICAL PEAK DATA



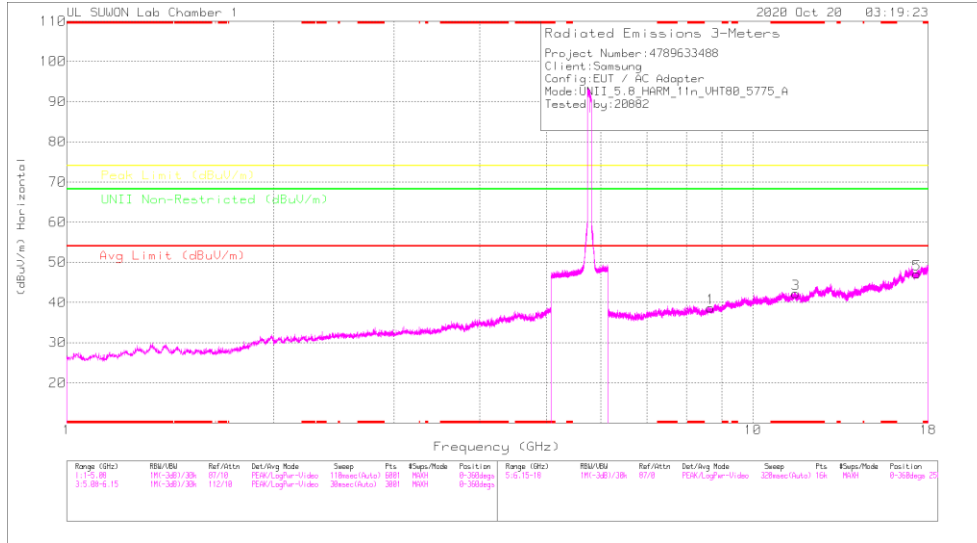
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	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	-55.81	Pk	35.1	-20.9	11.8	0	-29.81	26.94	-56.75	199	103	V
2	5.9267	-64.97	Pk	35.1	-20.8	11.8	0	-38.87	-27	-11.87	199	103	V

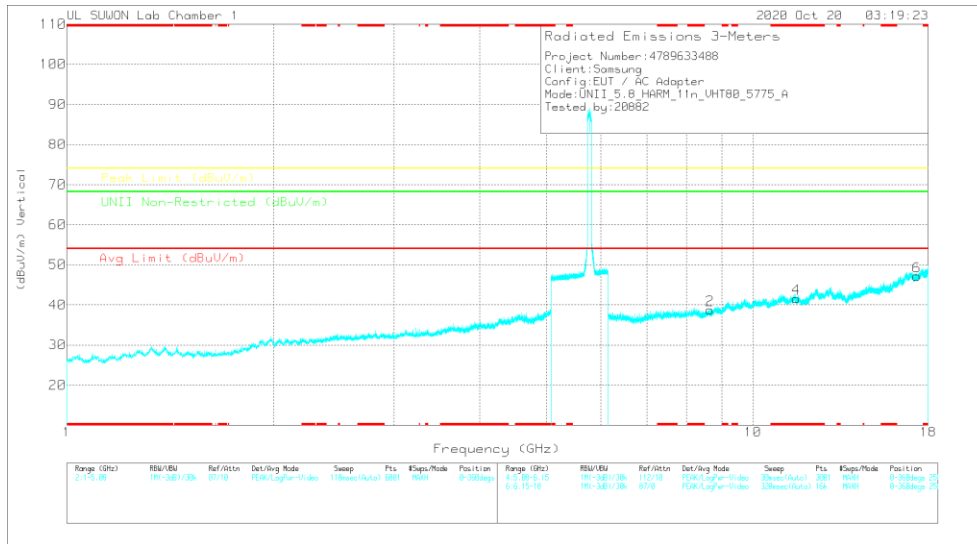
Pk - Peak detector

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

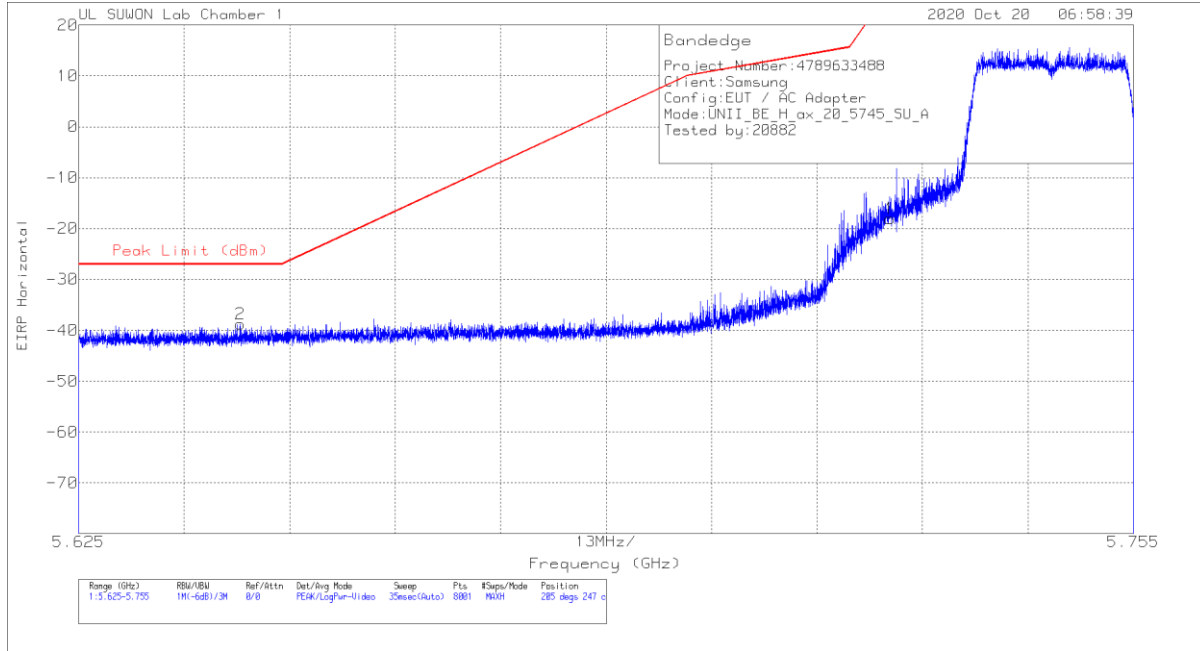
Frequency (GHz)	Main Reading (dBuV)	Det	317_00168717	6GHz_HPS(B)	DC Corr (dB)	Corrected Reading (dBuV)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (cm)	Polarity
8.66792	37.7	PK-U	36.3	-25.1	0	48.9	-	-	-	-	68.2	-19.3	0	100	H
8.668	37.48	PK-U	36.3	-25.1	0	48.68	-	-	-	-	68.2	-19.52	0	100	V
* 11.54976	36.04	PK-U	38.3	-22.3	0	52.04	-	-	74	-21.96	-	-	0	100	H
* 11.54877	36.11	PK-U	38.3	-22.3	0	52.11	-	-	74	-21.89	-	-	0	100	V
17.32414	34.23	PK-U	41.2	-17.5	0	57.93	-	-	-	-	68.2	-10.27	0	100	H
17.32577	34.16	PK-U	41.2	-17.5	0	57.88	-	-	-	-	68.2	-10.32	0	100	V

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

11.4.5.TX ABOVE 1GHz 802.11ax HE20(SU) 2Tx IN THE 5.8GHz BAND

BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK DATA

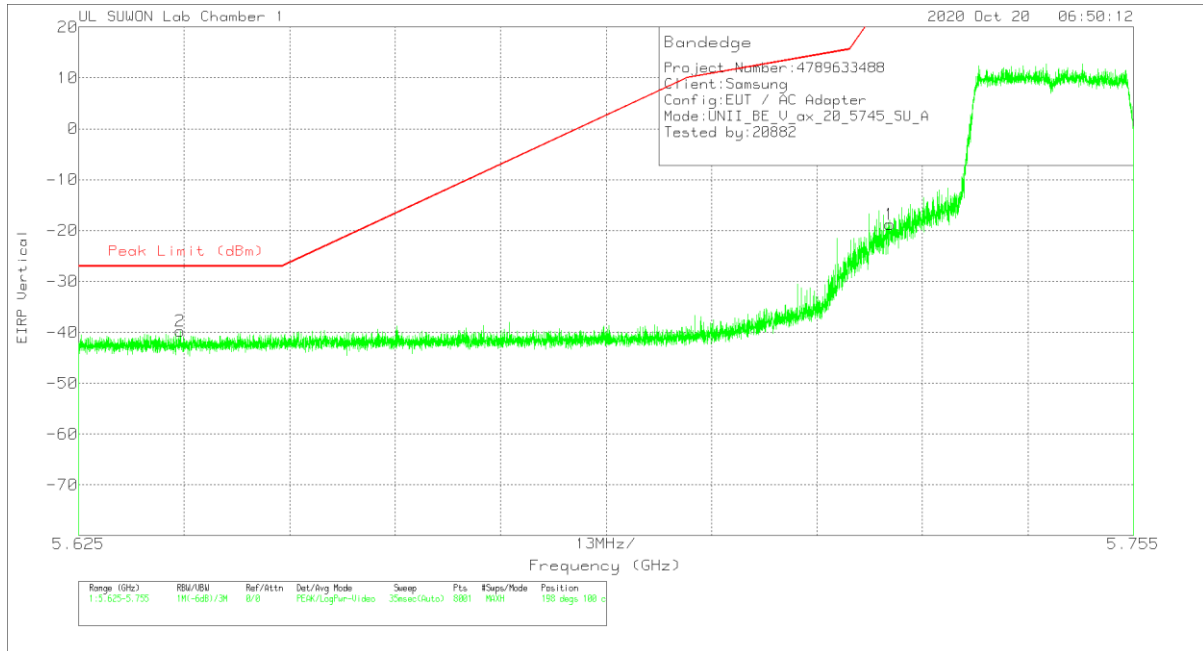


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	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	-43.91	Pk	34.9	-20.9	11.8	0	-18.11	26.97	-45.08	205	247	H
2	5.64496	-64.46	Pk	34.8	-20.9	11.8	0	-38.76	-27	-11.76	205	247	H

Pk - Peak detector

VERTICAL PEAK DATA



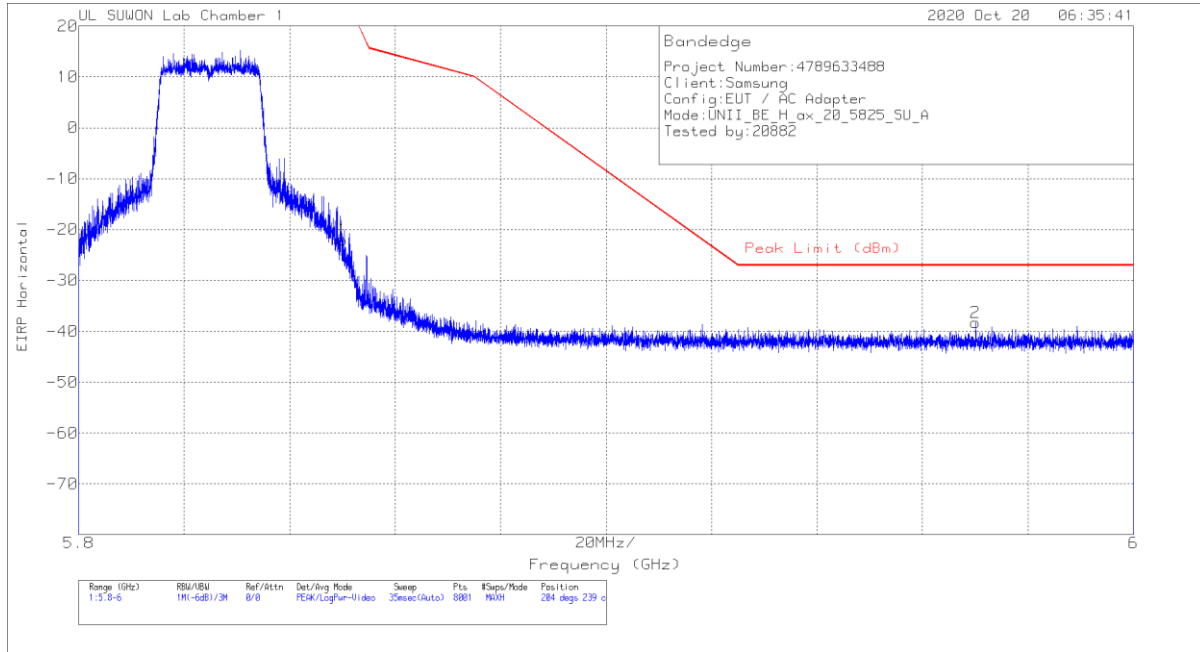
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	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	-44.58	Pk	34.9	-20.9	11.8	0	-18.78	26.97	-45.75	198	100	V
2	5.63753	-65.31	Pk	34.7	-21	11.8	0	-39.81	-27	-12.81	198	100	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK DATA

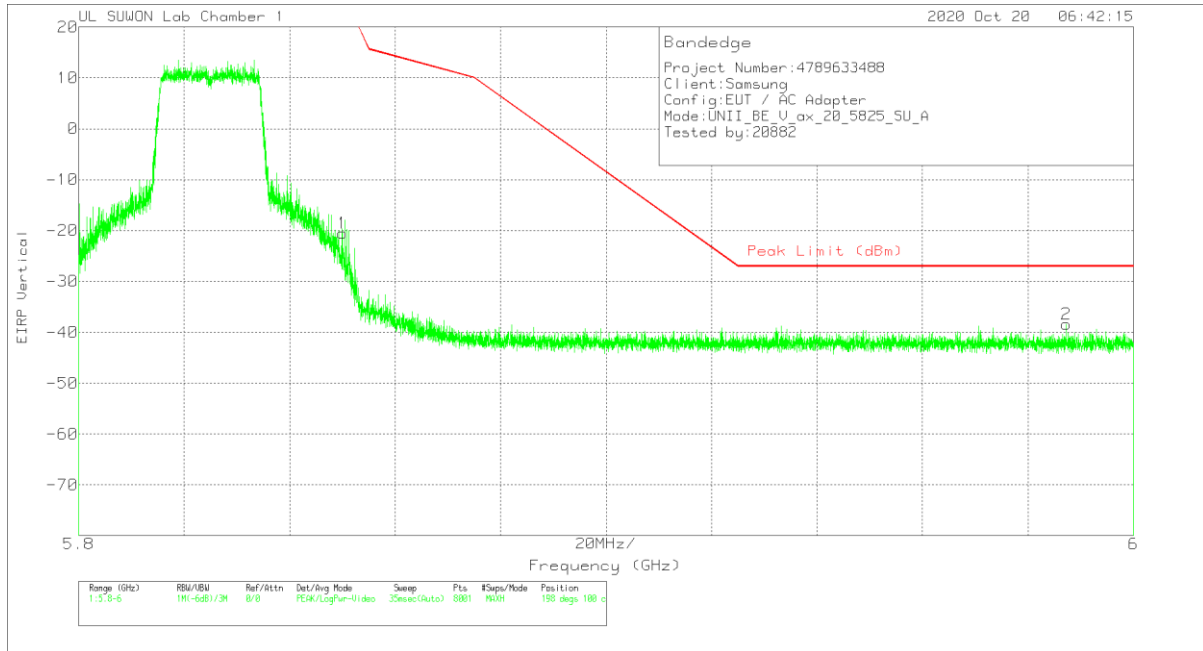


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	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	-47.99	Pk	35.1	-20.9	11.8	0	-21.99	26.94	-48.93	204	239	H
2	5.9701	-64.72	Pk	35.2	-20.6	11.8	0	-38.32	-27	-11.32	204	239	H

Pk - Peak detector

VERTICAL PEAK DATA



Trace Markers

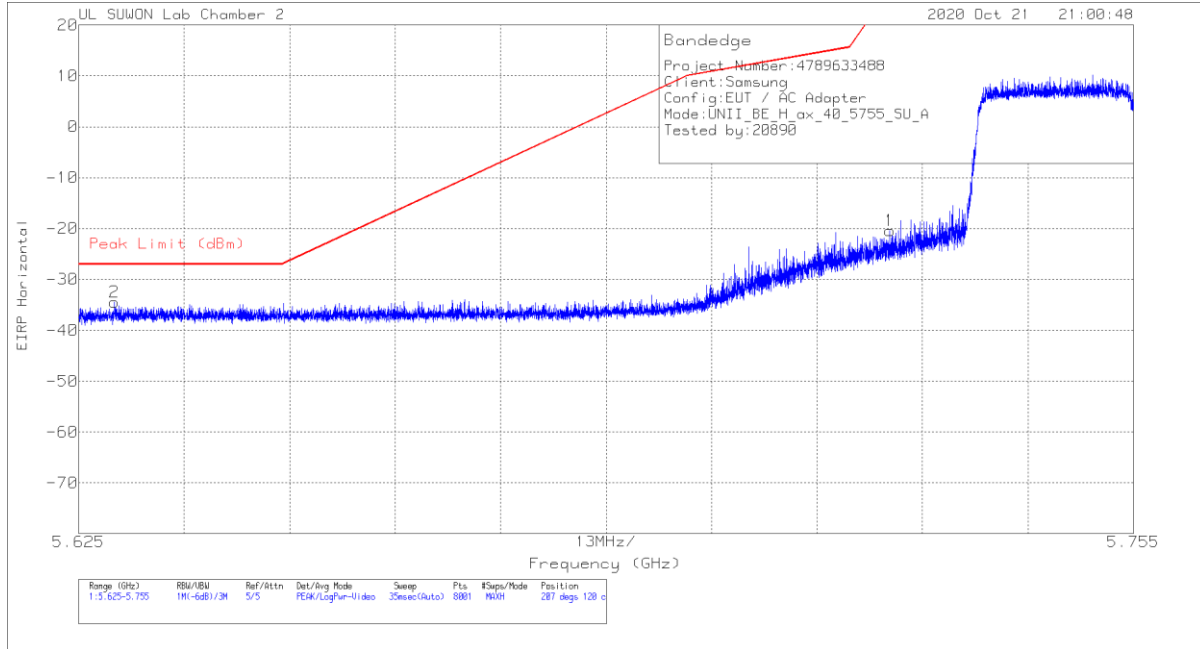
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85003	-46.58	Pk	35.1	-20.9	11.8	0	-20.58	26.94	-47.52	198	100	V
2	5.98728	-64.81	Pk	35.2	-20.6	11.8	0	-38.41	-27	-11.41	198	100	V

Pk - Peak detector

11.4.6. TX ABOVE 1GHz 802.11ax HE40(SU) 2Tx IN THE 5.8GHz BAND

BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK DATA

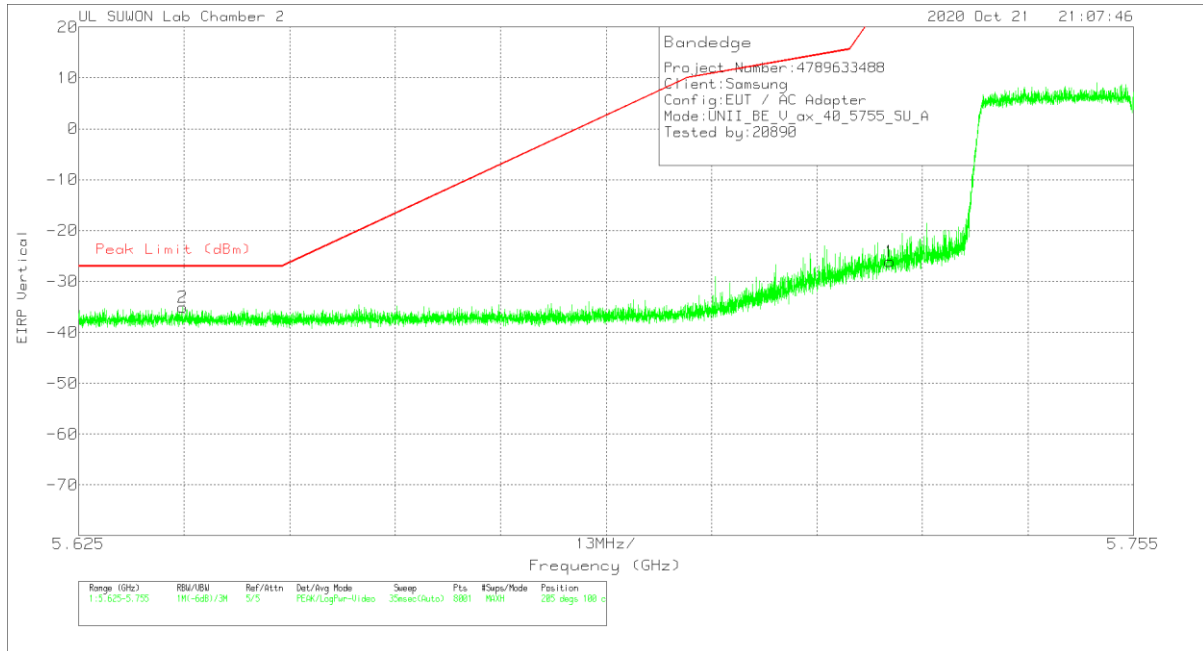


Trace Markers

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	-49.76	Pk	34.7	-17.1	11.8	0	-20.36	26.97	-47.33	207	120	H
2	5.6294	-63.69	Pk	34.6	-17.2	11.8	0	-34.49	-27	-7.49	207	120	H

Pk - Peak detector

VERTICAL PEAK DATA



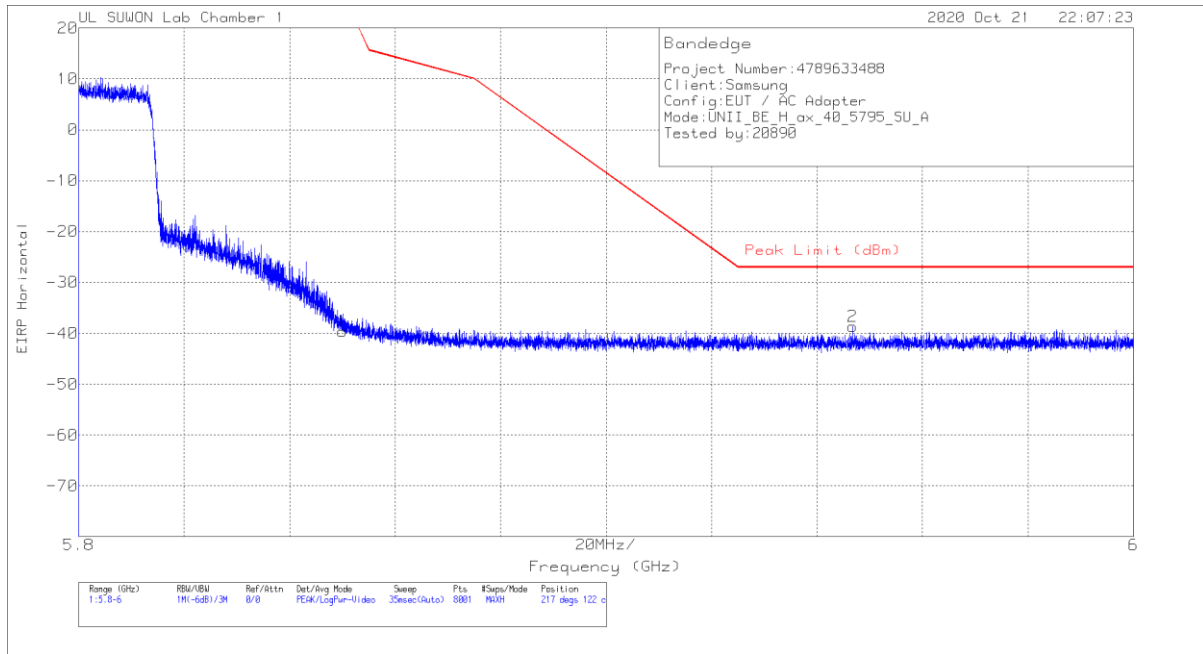
Trace Markers

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	-55.47	Pk	34.7	-17.1	11.8	0	-26.07	26.97	-53.04	205	100	V
2	5.63781	-64.22	Pk	34.6	-17.2	11.8	0	-35.02	-27	-8.02	205	100	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK DATA

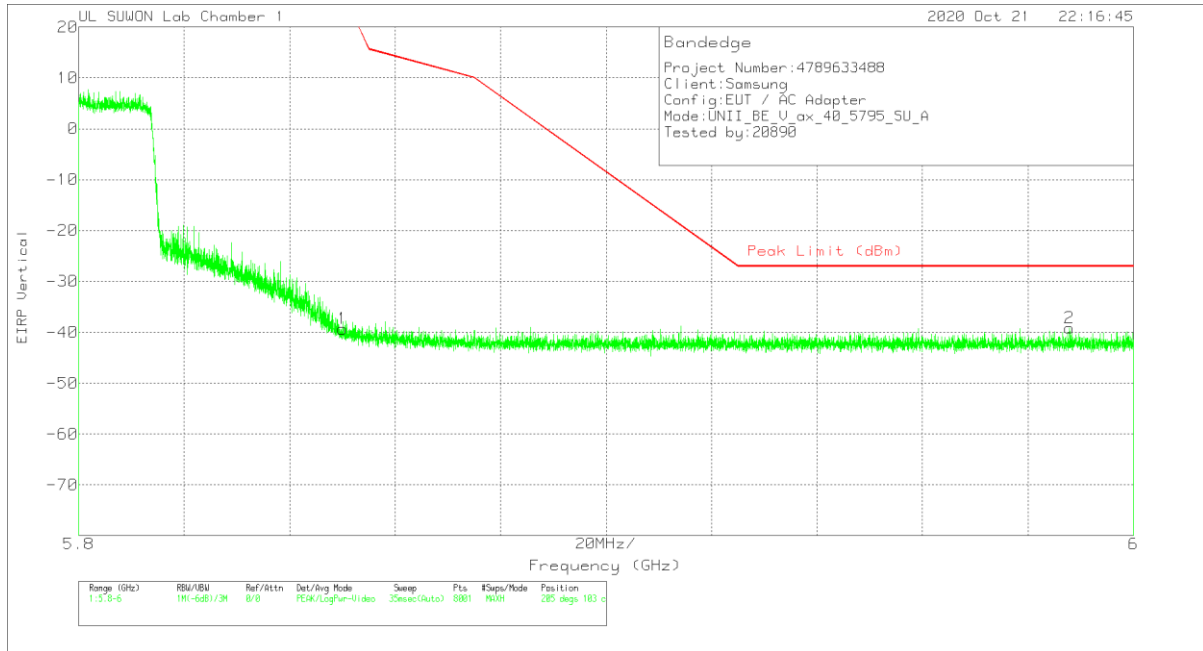


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	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	-65.6	PK	35.1	-20.9	11.8	0	-39.6	26.94	-66.54	217	122	H
2	5.94675	-64.97	PK	35.2	-20.7	11.8	0	-38.67	-27	-11.67	217	122	H

Pk - Peak detector

VERTICAL PEAK DATA



Trace Markers

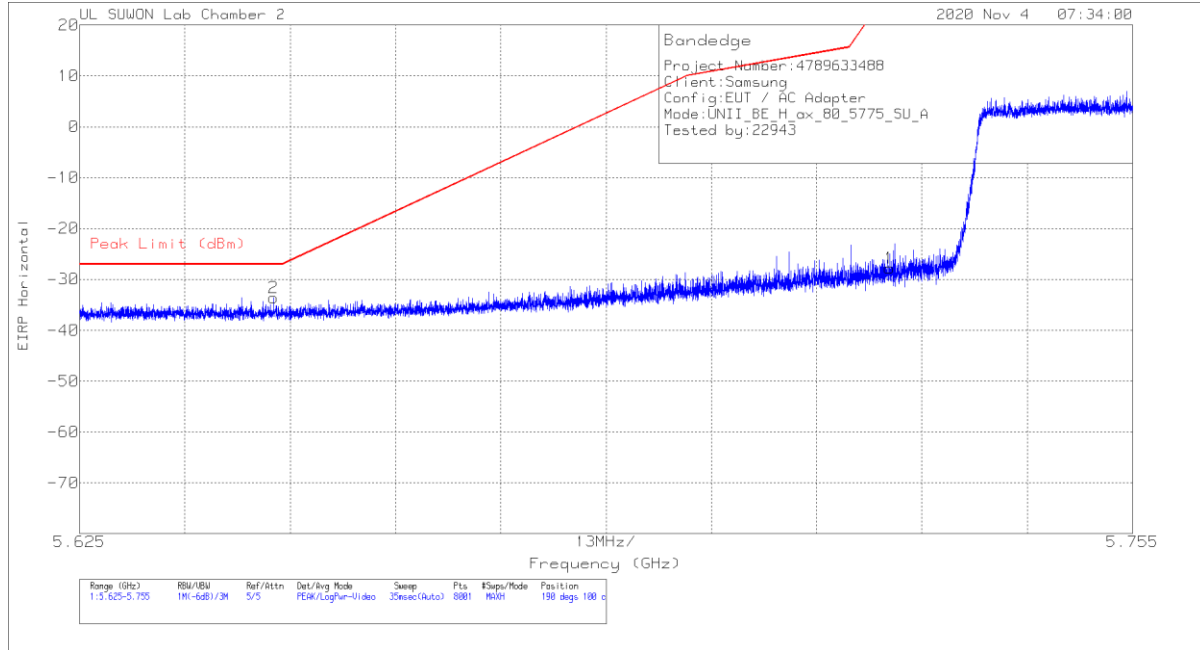
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85003	-65.32	Pk	35.1	-20.9	11.8	0	-39.32	26.94	-66.26	205	103	V
2	5.98793	-65.58	Pk	35.2	-20.6	11.8	0	-39.18	-27	-12.18	205	103	V

Pk - Peak detector

11.4.7. TX ABOVE 1GHz 802.11ax HE80(SU) 2Tx IN THE 5.8GHz BAND

BANDEDGE (Lower side)

HORIZONTAL PEAK DATA

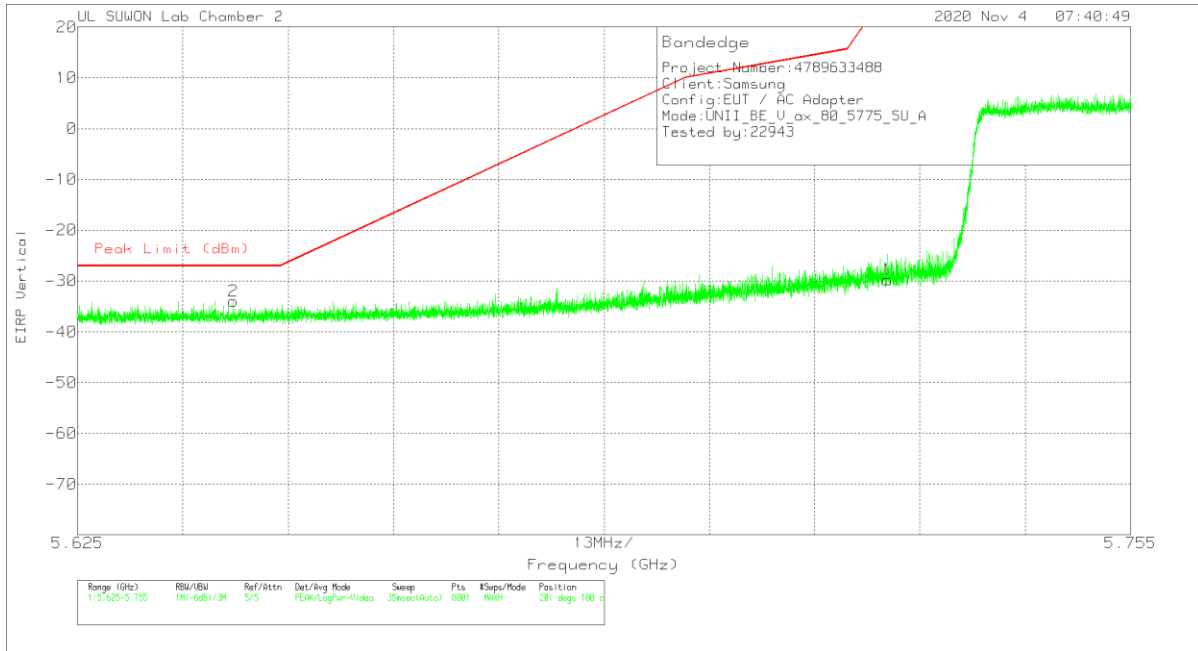


Trace Markers

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	-57.19	Pk	34.7	-17.1	11.8	0	-27.79	26.97	-54.76	190	100	H
2	5.64892	-62.74	Pk	34.6	-17.3	11.8	0	-33.64	-27	-6.64	190	100	H

Pk - Peak detector

VERTICAL PEAK DATA



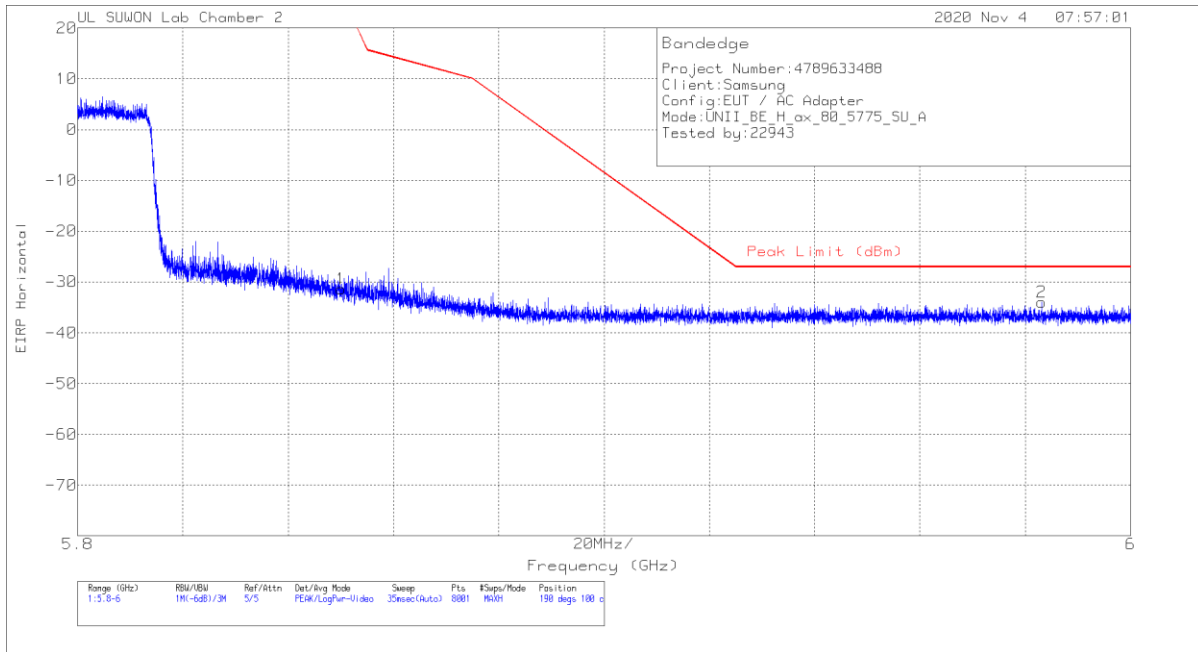
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168724	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72499	-59.15	Pk	34.7	-17.1	11.8	0	-29.75	26.97	-56.72	201	100	V
2	5.64421	-63.05	Pk	34.6	-17.3	11.8	0	-33.95	-27	-6.95	201	100	V

Pk - Peak detector

BANDEDGE (Upper side)

HORIZONTAL PEAK DATA

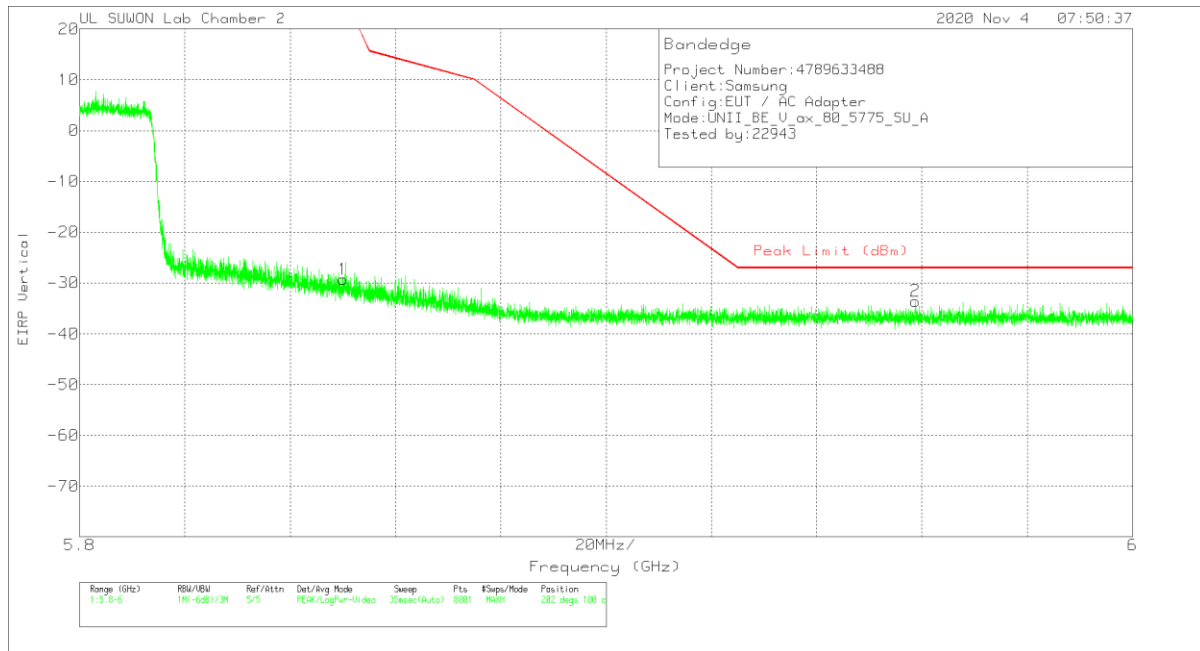


Trace Markers

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	-61.12	Pk	34.9	-16.9	11.8	0	-31.32	26.94	-58.26	190	100	H
2	5.98308	-64.11	Pk	35.1	-16.8	11.8	0	-34.01	-27	-7.01	190	100	H

Pk - Peak detector

VERTICAL PEAK DATA



Trace Markers

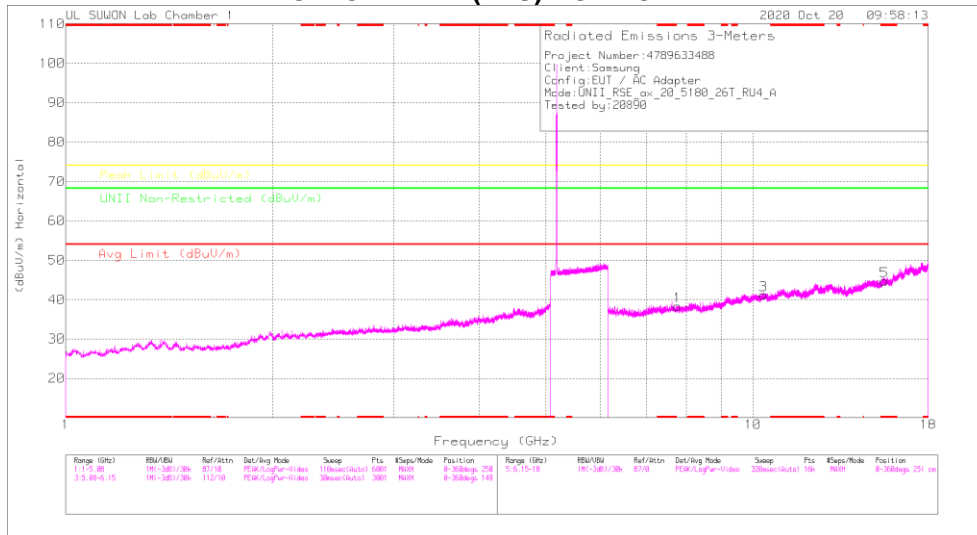
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168724	10dB_ATT[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85003	-59.03	Pk	34.9	-16.9	11.8	0	-29.23	26.94	-56.17	202	100	V
2	5.9588	-63.53	Pk	35.1	-16.9	11.8	0	-33.53	-27	-6.53	202	100	V

Pk - Peak detector

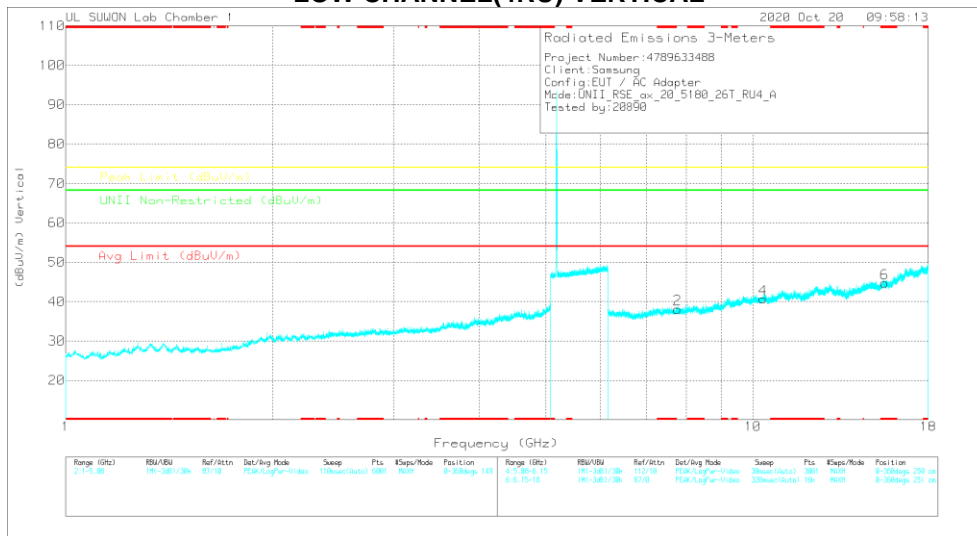
11.5. 5.2 GHz(802.11ax RU mode)

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

LOW CHANNEL(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.

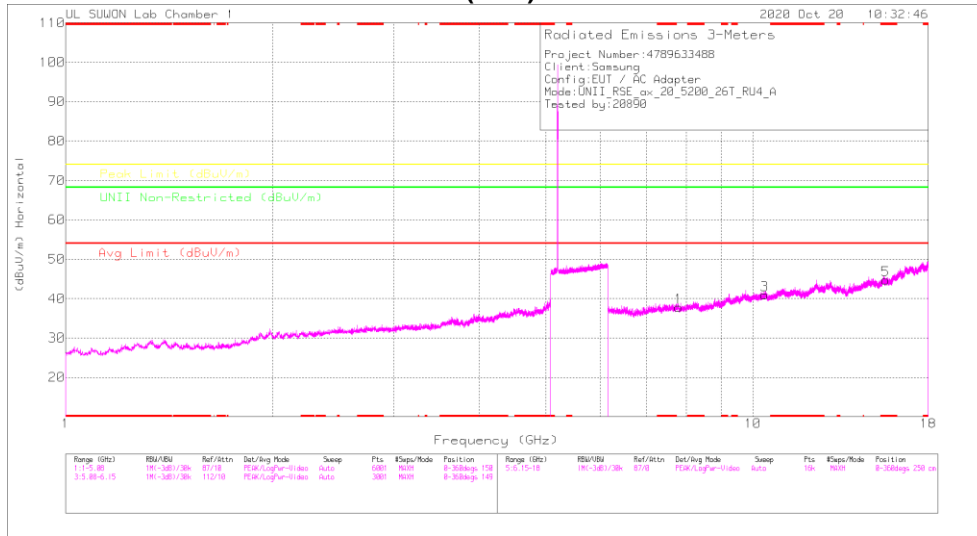
LOW CHANNEL(4RU) DATA

Radiated Emissions

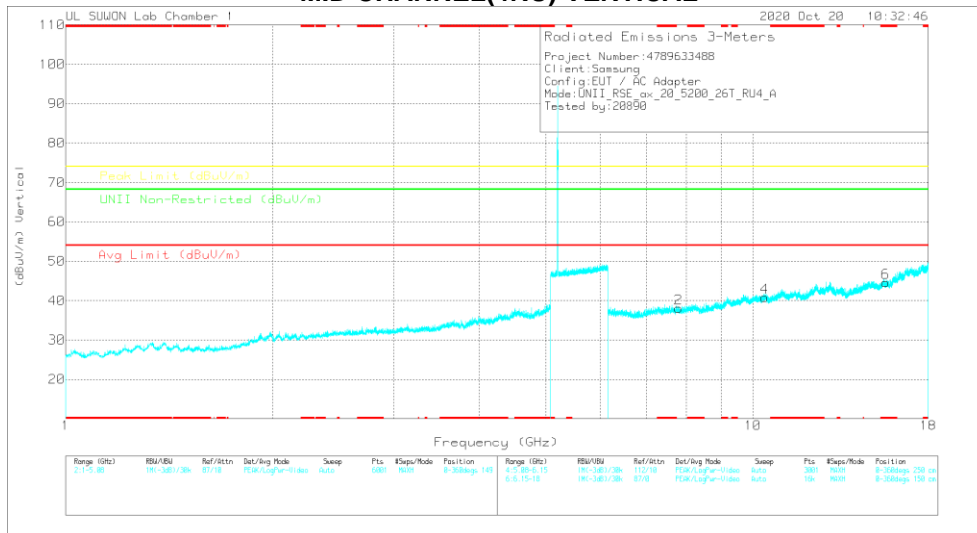
Frequency (GHz)	Meas Reading (dBuV)	Det	317_00168717	6GHz_HPS(B)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimth (Steps)	Height (cm)	Polarity
7.77502	39.22	PK-U	35.8	-26.4	0	48.82	-	-	-	-	68.2	-19.58	360	100	H
7.76054	39.5	PK-U	35.8	-26.6	0	48.7	-	-	-	-	68.2	-19.5	360	100	V
10.36512	36.07	PK-U	37.8	-21.8	0	52.07	-	-	-	-	68.2	-16.13	360	100	H
10.35637	35.45	PK-U	37.8	-22	0	51.25	-	-	-	-	68.2	-16.95	360	100	V
* 15.53648	35.89	PK-U	40.1	-20.8	0	55.19	-	-	74	-18.81	-	-	360	100	H
* 15.54467	36.46	PK-U	40.1	-21	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

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.

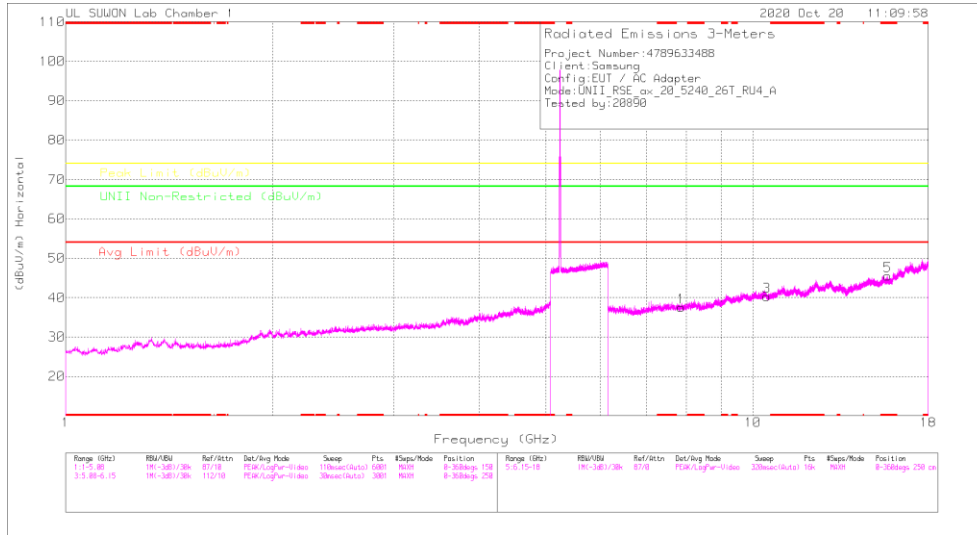
MID CHANNEL(4RU) DATA

Radiated Emissions

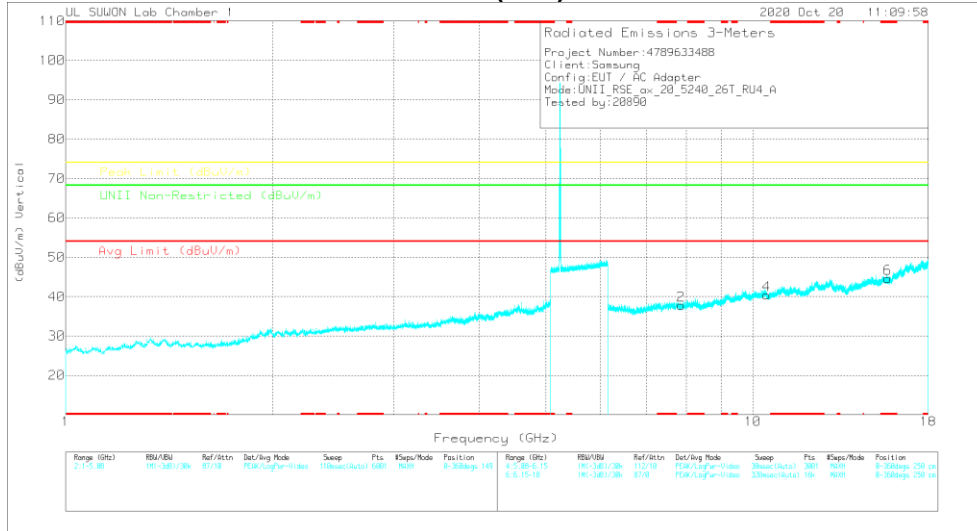
Frequency (GHz)	Mask Reading (dBuV)	Det	317_0016B717	6GHz_HPS(B)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Height) (m)	Height (m)	Polarity
7.72404	38.11	PK-U	35.8	-26.3	0	42.81	-	-	-	-	68.2	-19.59	360	100	H
7.73856	39.08	PK-U	35.8	-26.2	0	48.68	-	-	-	-	68.2	-19.52	360	100	V
10.40656	35.74	PK-U	37.8	-21.7	0	51.84	-	-	-	-	68.2	-16.36	360	100	H
10.39996	35.55	PK-U	37.8	-21.6	0	51.75	-	-	-	-	68.2	-16.45	360	100	V
* 15.59886	36.53	PK-U	40.1	-21.2	0	55.43	-	-	74	-18.57	-	-	360	100	H
* 15.59396	36.68	PK-U	40.1	-21.2	0	55.58	-	-	74	-18.42	-	-	360	100	V

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

HIGH CHANNEL(4RU) HORIZONTAL



HIGH CHANNEL(4RU) VERTICAL



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

HIGH CHANNEL(4RU) DATA

Radiated Emissions

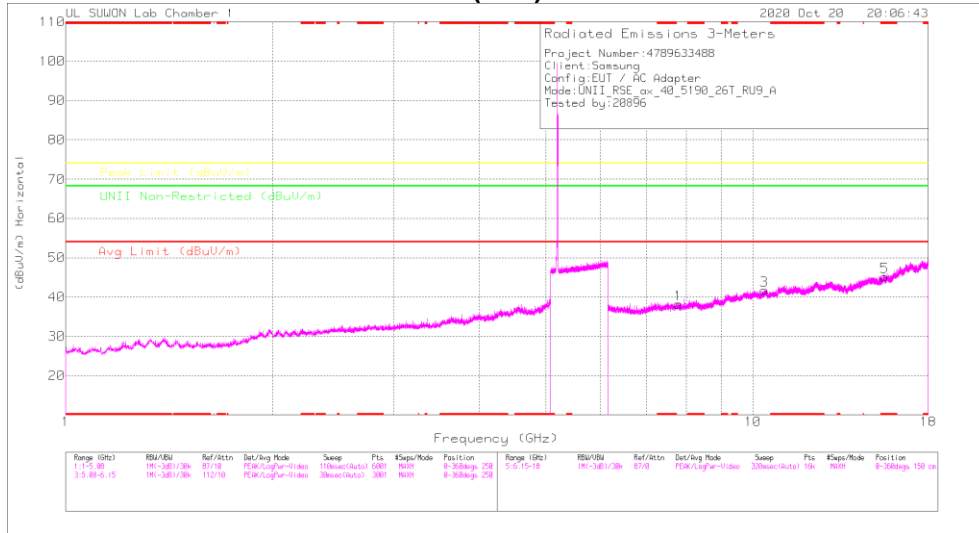
Frequency (GHz)	Major Reading (dBuV)	Dir	317_00168717	ISCHz (Hz)	IC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (cm)	Polarity
7.86573	38.3	PK-U	35.9	-26.4	0	48.8	-	-	-	-	68.2	-19.4	360	100	H
7.8628	38.8	PK-U	35.9	-26.5	0	49.2	-	-	-	-	68.2	-20	360	100	V
10.47819	35.82	PK-U	37.9	-22.3	0	51.42	-	-	-	-	68.2	-16.78	360	100	H
10.48166	35.69	PK-U	37.9	-22.3	0	51.29	-	-	-	-	68.2	-16.91	360	100	V
* 15.7109	36.59	PK-U	40.1	-21	0	55.69	-	-	74	-18.31	-	-	360	100	H
* 15.71385	37.57	PK-U	40.1	-21	0	56.67	-	-	74	-17.33	-	-	360	100	V

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

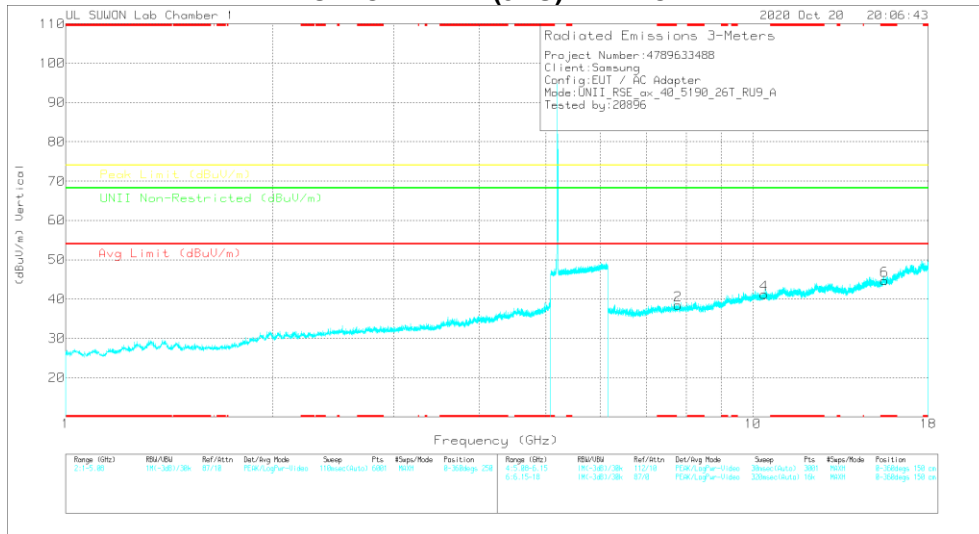
PK-U - U-NII: Maximum Peak

11.5.2. TX ABOVE 1GHz HE40(RU) 2Tx MODE IN THE 5.2GHz 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

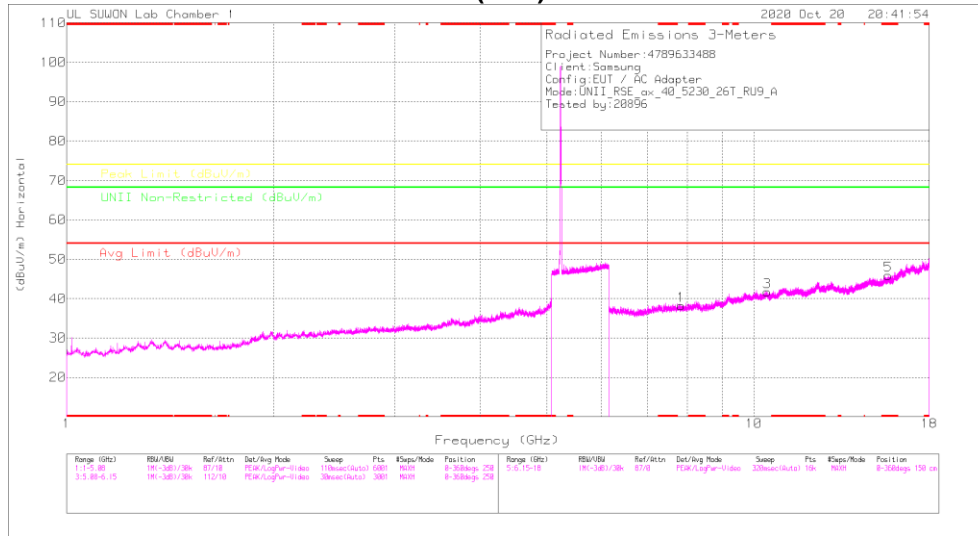
Radiated Emissions

Frequency (GHz)	Meas Reading (dBuV)	Det	317_0016B717	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)	Asmth (Deg)	Height (m)	Polarity
7.78737	39.31	PK-U	35.8	-26.4	0	48.21	-	-	-	-	68.2	-19.49	360	100	H
7.78629	38.98	PK-U	35.8	-26.3	0	48.48	-	-	-	-	68.2	-19.72	360	100	V
10.39167	35.68	PK-U	37.8	-21.6	0	51.88	-	-	-	-	68.2	-16.32	360	100	H
10.38312	35.38	PK-U	37.8	-21.7	0	51.48	-	-	-	-	68.2	-16.72	360	100	V
* 15.54729	35.99	PK-U	40.1	-21	0	55.09	-	74	-	-18.91	-	-	360	100	H
* 15.54742	36.59	PK-U	40.1	-21	0	55.69	-	-	74	-18.31	-	-	360	100	V

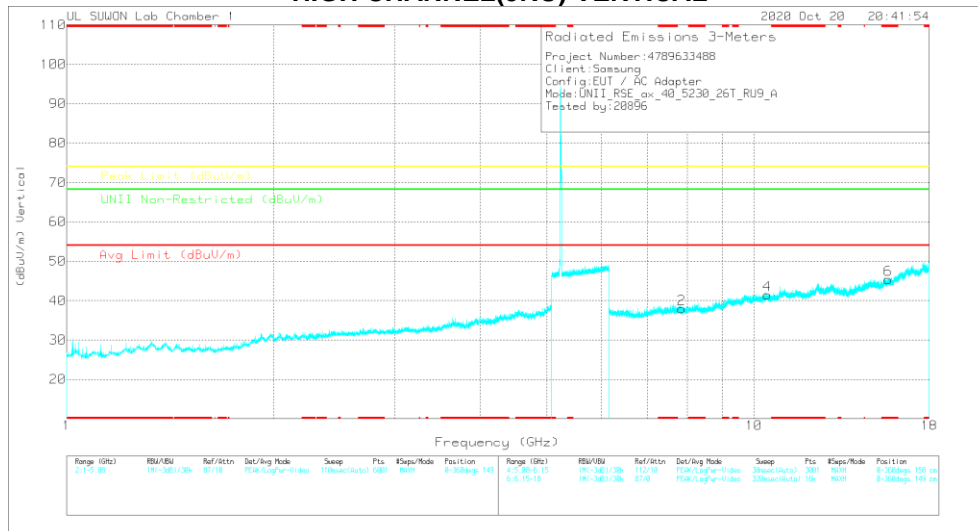
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

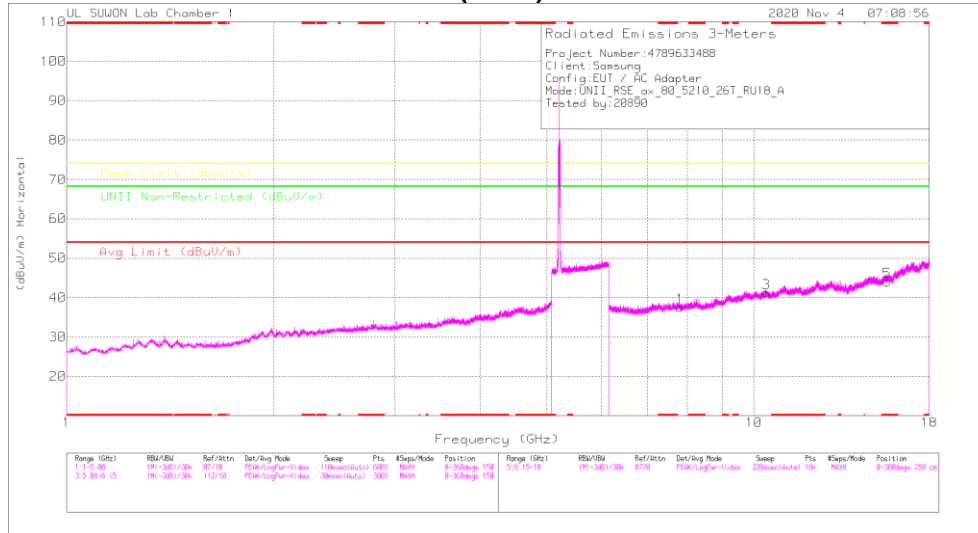
Radiated Emissions

Frequency (GHz)	Max Reading (dBuV)	Det	317_00168717	6GHz_HPS(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asmth (dBpp)	Height (cm)	Polarity
7.84296	39.33	PK-U	35.8	-26.4	0	48.83	-	-	-	-	68.2	-19.37	360	100	H
7.85079	39.27	PK-U	35.9	-26.4	0	48.77	-	-	-	-	68.2	-19.43	360	100	V
10.45512	35.5	PK-U	37.8	-21.9	0	51.8	-	-	-	-	68.2	-16.8	360	100	H
10.45642	35.9	PK-U	37.8	-21.9	0	51.8	-	-	-	-	68.2	-16.4	360	100	V
* 15.69017	36.17	PK-U	40.1	-21.2	0	55.07	-	-	74	-18.93	-	-	360	100	H
* 15.68669	37.46	PK-U	40.1	-21	0	56.56	-	-	74	-17.44	-	-	360	100	V

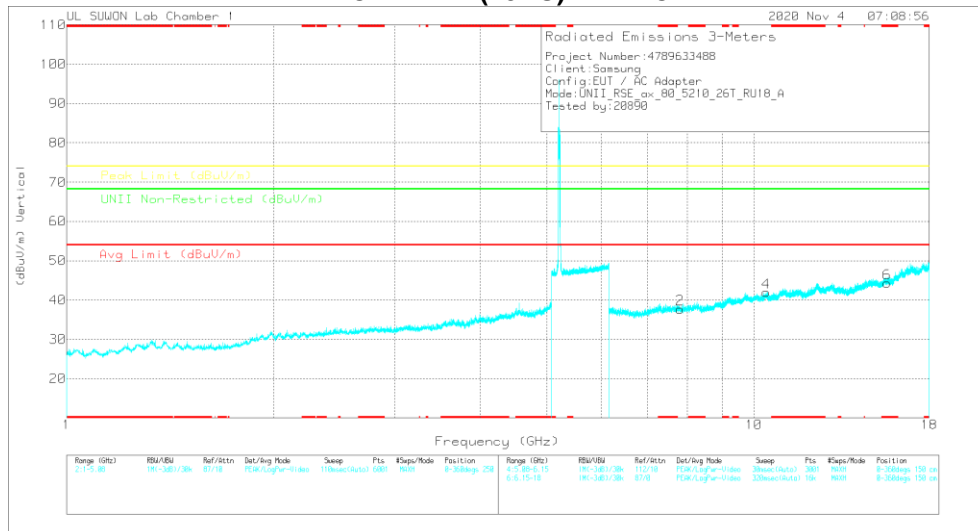
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak

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/m)	Det	317_00168717	6GHz_HPS[S]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Magn (dB)	Peak Limit (dBuV/m)	Magn (dB)	UNII Non-Restricted (dBuV/m)	Magn (dB)	Azimuth (Deg)	Height (cm)	Polarity
7.81194	39.22	PK-U	35.8	-26.3	0	48.72	-	-	-	-	68.2	-19.48	0	100	H
7.81092	39.02	PK-U	35.8	-26.3	0	48.52	-	-	-	-	68.2	-19.68	0	100	V
10.42129	35.42	PK-U	37.8	-21.5	0	51.72	-	-	-	-	68.2	-16.48	0	100	H
10.40952	35.61	PK-U	37.8	-21.7	0	51.71	-	-	-	-	68.2	-16.49	0	100	V
* 15.63546	36.6	PK-U	40.1	-21.3	0	55.4	-	-	74	-18.6	-	-	0	100	H
* 15.62281	36.44	PK-U	40.1	-21.4	0	55.14	-	-	74	-18.86	-	-	0	100	V

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

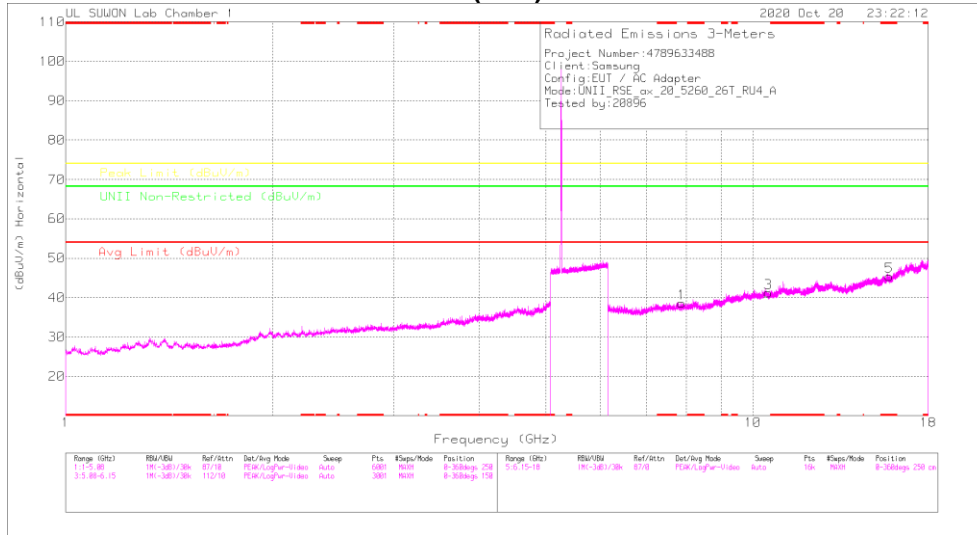
PK-U - U-NII: Maximum Peak

11.6. 5.3 GHz(802.11ax RU mode)

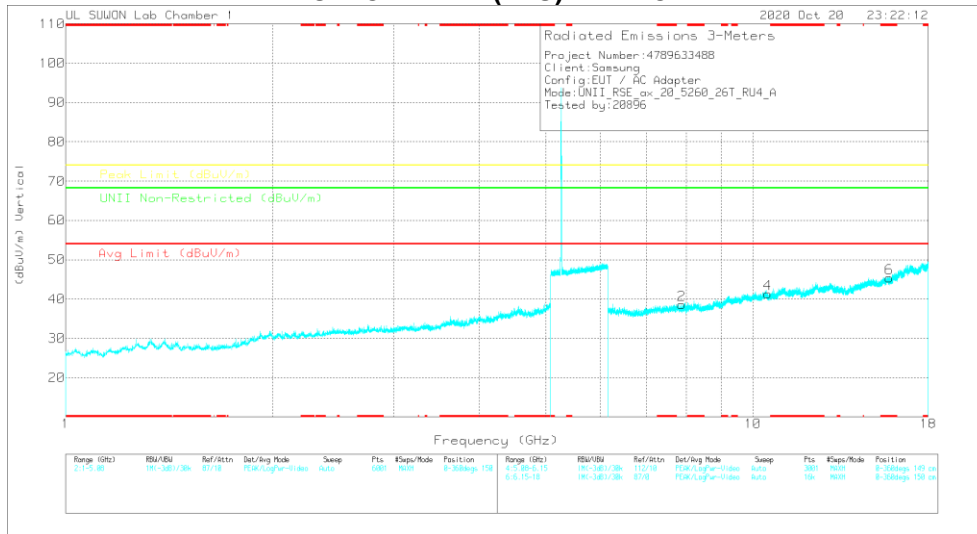
11.6.1. TX ABOVE 1 GHz HE20(RU) 2Tx MODE IN THE 5.3 GHz BAND

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

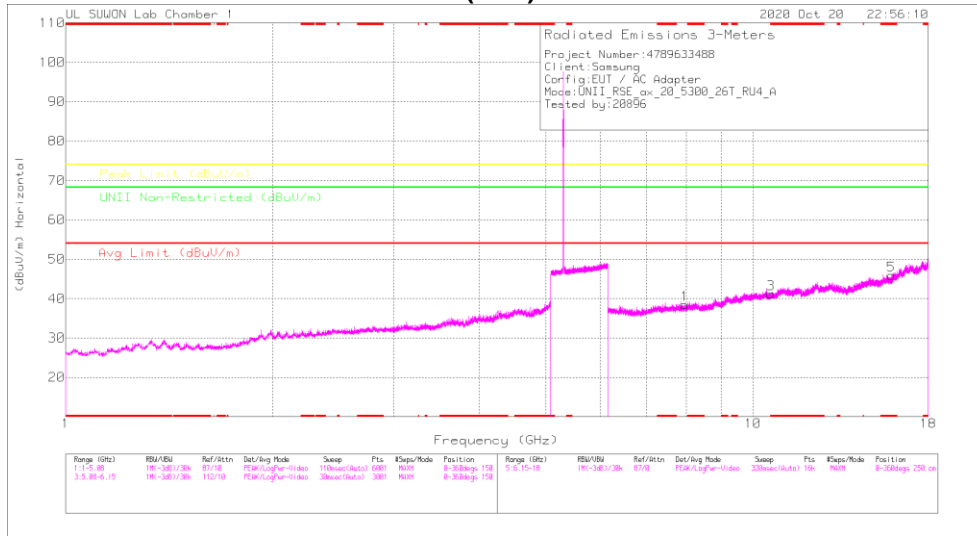
Radiated Emissions

Frequency (GHz)	Max Reading (dBuV)	Det	2177_20160717	@GHz_HF(dB)	OC Cor (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
7.88163	38.94	PK-U	35.9	-26.5	0	48.34	-	-	-	-	68.2	-19.86	360	100	H
7.88468	38.76	PK-U	35.9	-26.5	0	48.16	-	-	-	-	68.2	-20.04	360	100	V
10.53926	36.06	PK-U	37.9	-22.7	0	51.28	-	-	-	-	68.2	-16.92	360	100	H
10.51886	35.59	PK-U	37.9	-22.6	0	50.89	-	-	-	-	68.2	-17.31	360	100	V
* 15.78618	36.02	PK-U	40.2	-21.1	0	55.12	-	-	74	-18.88	-	-	360	100	H
* 15.78522	36.16	PK-U	40.2	-21.2	0	55.16	-	-	74	-18.84	-	-	360	100	V

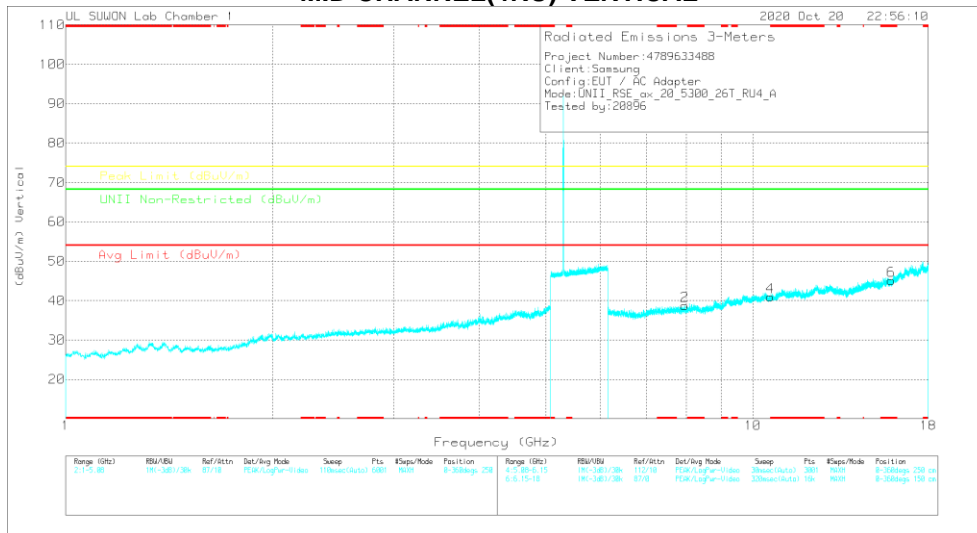
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

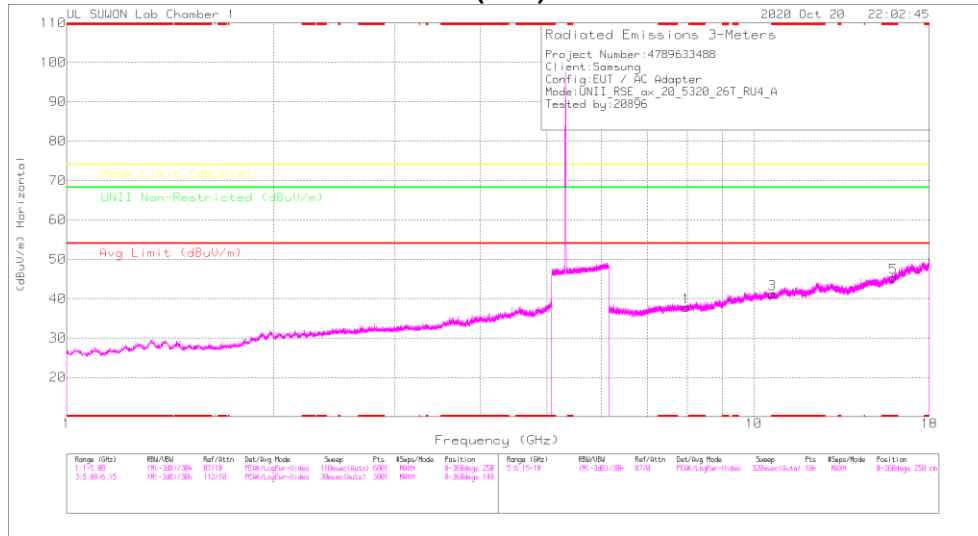
Radiated Emissions

Frequency (GHz)	Meter Reading (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)	Altitude (Degs)	Height (cm)	Polarity
7.95942	38.68	PK-U	36	-25.9	0	48.78	-	-	-	-	68.2	-19.42	360	100	H
7.95339	38.66	PK-U	36	-26	0	48.66	-	-	-	-	68.2	-19.54	360	100	V
* 10.62269	35.95	PK-U	38	-22.2	0	51.75	-	-	74	-22.25	-	-	360	100	H
* 10.607	36.15	PK-U	38	-22.4	0	51.75	-	-	74	-22.25	-	-	360	100	V
* 15.90238	35.93	PK-U	40.3	-20.9	0	55.33	-	-	74	-18.67	-	-	360	100	H
* 15.90209	35.99	PK-U	40.3	-20.9	0	55.39	-	-	74	-18.61	-	-	360	100	V

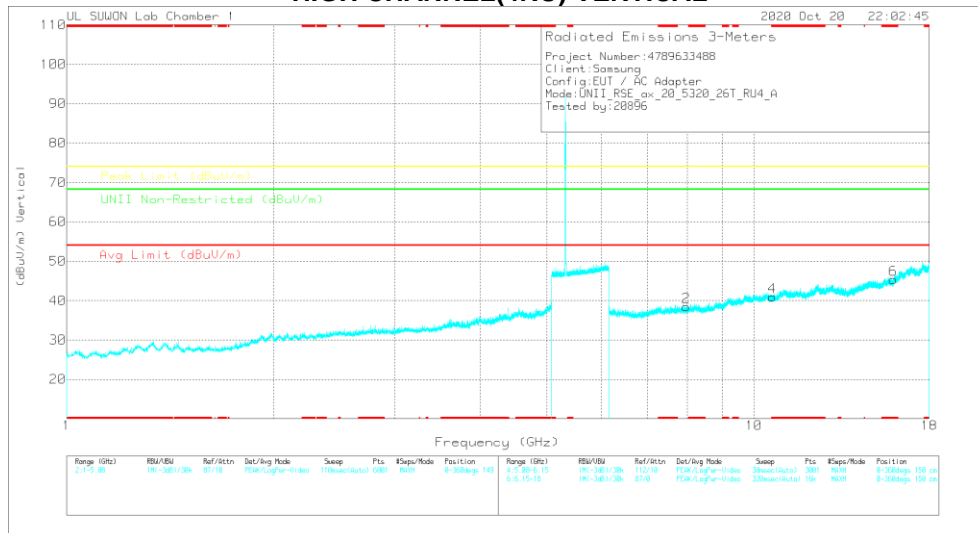
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

HIGH CHANNEL(4RU) HORIZONTAL



HIGH CHANNEL(4RU) VERTICAL



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

HIGH CHANNEL(4RU) DATA

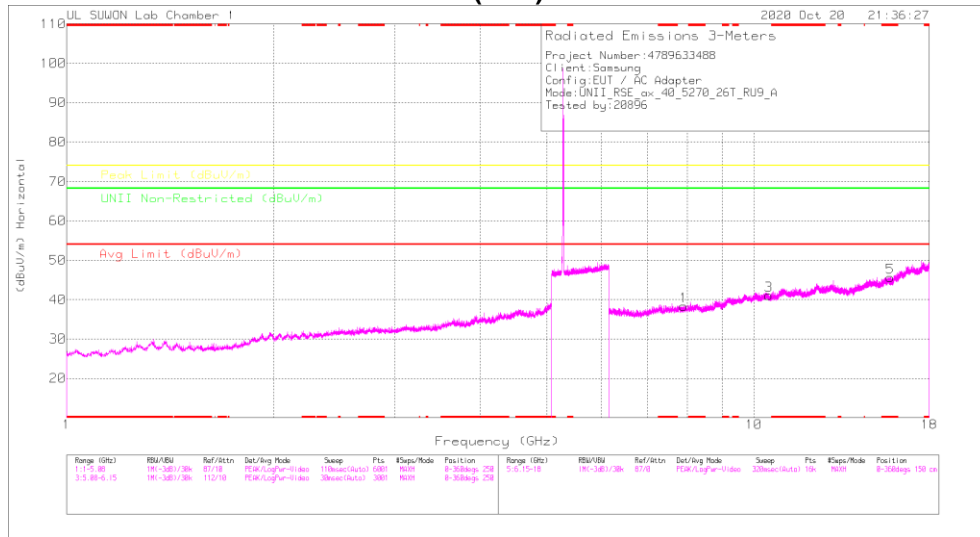
Radiated Emissions

Frequency (GHz)	Meas 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)	Asmth (KHz)	Height (cm)	Polarity
7.97799	38.8	PK-U	36	-25.9	0	48.9	-	-	-	-	68.2	-19.3	360	100	H
7.97777	38.59	PK-U	36	-25.9	0	48.69	-	-	-	-	68.2	-19.51	360	100	V
* 10.63583	35.79	PK-U	38	-22.1	0	51.69	-	-	74	-22.27	-	-	360	100	H
* 10.63765	35.83	PK-U	38	-22.1	0	51.73	-	-	74	-22.27	-	-	360	100	V
* 15.95797	35.84	PK-U	40.4	-20.8	0	55.44	-	-	74	-18.56	-	-	360	100	H
* 15.96183	35.99	PK-U	40.4	-20.8	0	55.59	-	-	74	-18.41	-	-	360	100	V

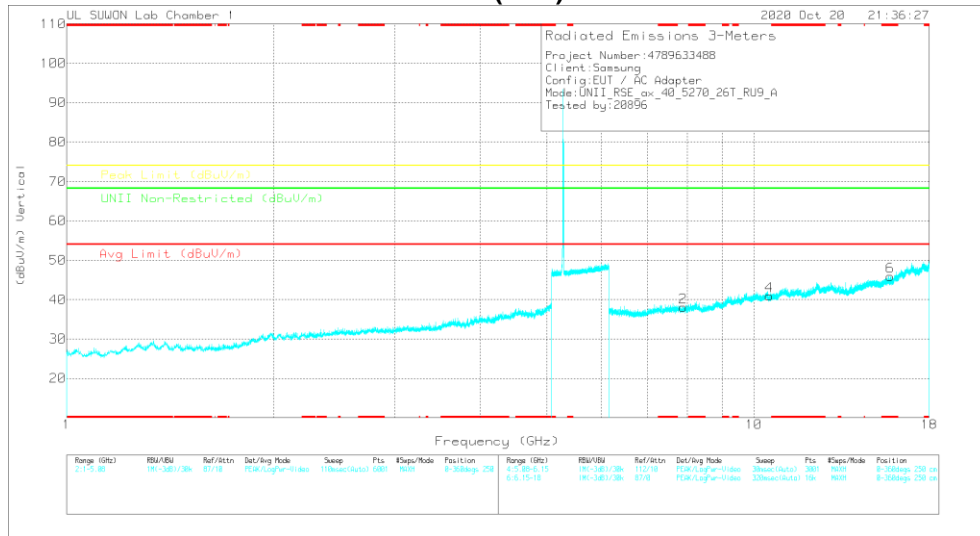
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak

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

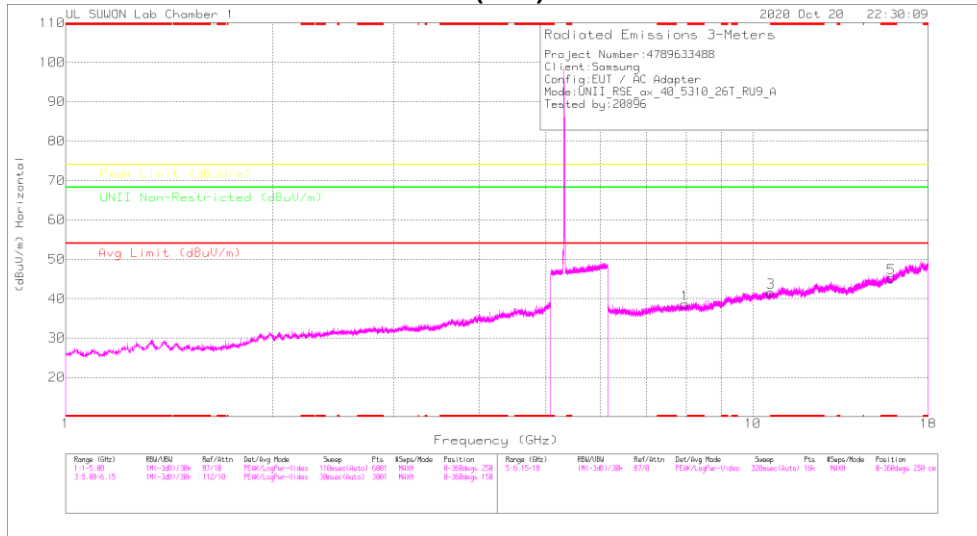
Radiated Emissions

Frequency (GHz)	Mask Reading (dBm)	Det	317_00168717	6GHz_HPF(SB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBm)	Margin (dB)	Asmth (Deg)	Height (cm)	Polarity
7.91154	39.5	PK-U	35.9	-26.3	0	49.1	-	-	-	-	68.2	-19.1	360	100	H
7.89559	39.71	PK-U	35.9	-26.4	0	49.21	-	-	-	-	68.2	-18.99	360	100	V
10.52074	36.55	PK-U	37.9	-22.6	0	51.85	-	-	-	-	68.2	-16.35	360	100	H
10.53399	36.1	PK-U	37.9	-22.7	0	51.3	-	-	-	-	68.2	-16.9	360	100	V
* 15.79358	35.97	PK-U	40.2	-21.1	0	55.07	-	-	74	-18.93	-	-	360	100	H
* 15.79116	36.34	PK-U	40.2	-21.1	0	55.44	-	-	74	-18.56	-	-	360	100	V

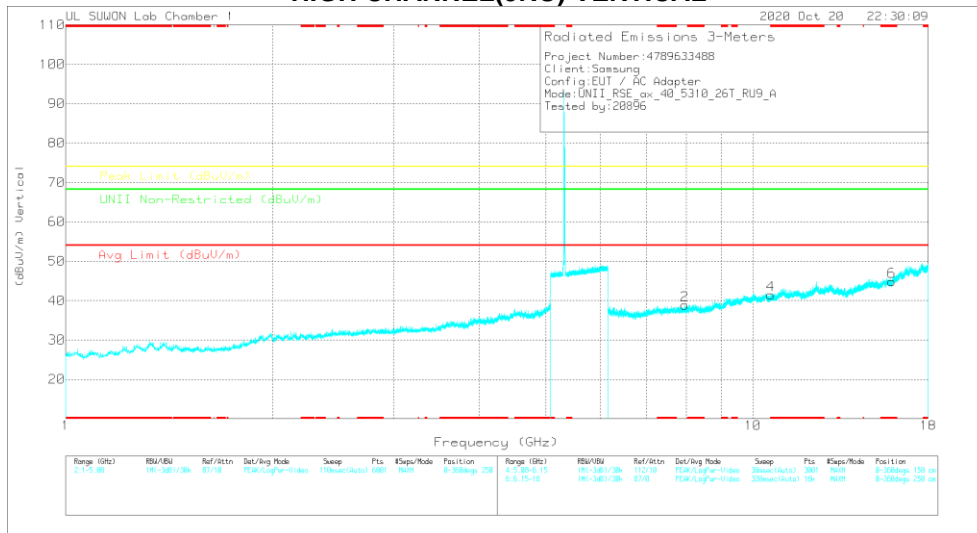
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

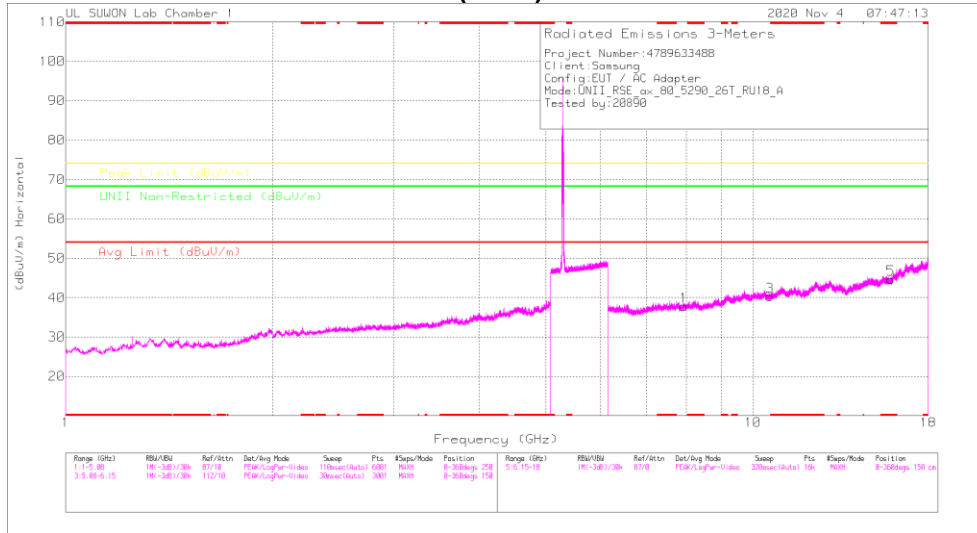
Frequency (GHz)	Meas Reading (dBuV)	Det	317_00168717	6GHz_HPS(B)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asmth (dBpp)	Height (cm)	Polarity
7.96509	36.91	PK-U	36	-25.9	0	46.91	-	-	-	-	68.2	-19.29	360	100	H
7.9627	39.03	PK-U	36	-28	0	49.03	-	-	-	-	68.2	-19.17	360	100	V
* 10.62654	36.19	PK-U	38	-22.2	0	51.99	-	-	74	-22.01	-	-	360	100	H
* 10.61915	36.45	PK-U	38	-22.3	0	52.15	-	-	74	-21.85	-	-	360	100	V
* 15.91254	36.52	PK-U	40.3	-20.9	0	55.92	-	-	74	-18.08	-	-	360	100	H
* 15.91575	35.59	PK-U	40.3	-21	0	54.89	-	-	74	-19.11	-	-	360	100	V

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

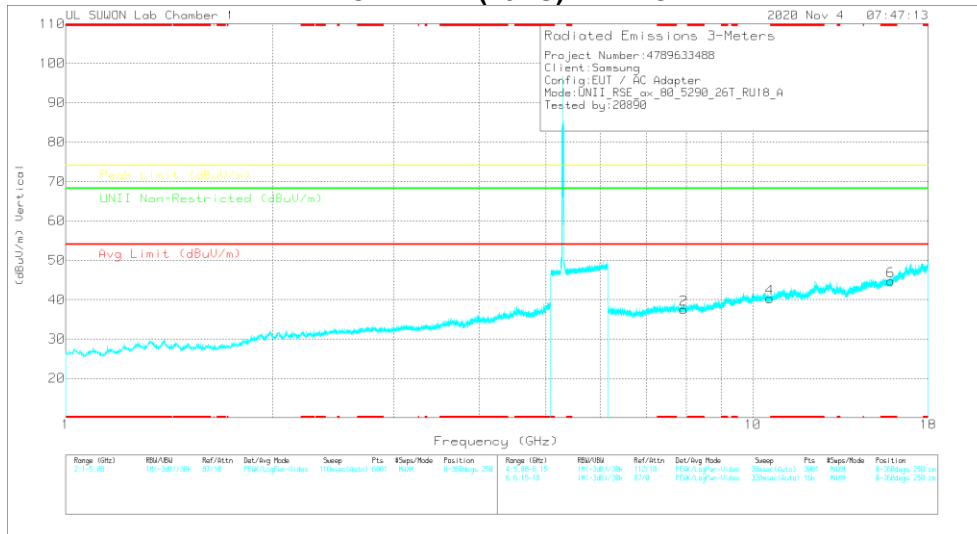
PK-U - U-NII: Maximum Peak

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

MID CHANNEL(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_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)	Azimuth (Deg)	Height (cm)	Polarity
7.94122	38.12	PK-U	36	-26.1	0	49.02	-	-	-	-	68.2	-19.18	0	100	H
7.92706	38.3	PK-U	35.9	-26.3	0	47.9	-	-	-	-	68.2	-20.3	0	100	V
10.5762	36.27	PK-U	37.9	-22.7	0	51.47	-	-	-	-	68.2	-16.73	0	100	H
10.57256	36.63	PK-U	37.9	-22.7	0	51.83	-	-	-	-	68.2	-16.37	0	100	V
* 15.87362	36.43	PK-U	40.3	-21	0	55.73	-	74	-	-18.27	-	-	0	100	H
* 15.86787	36.57	PK-U	40.3	-20.9	0	55.97	-	-	74	-18.03	-	-	0	100	V

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

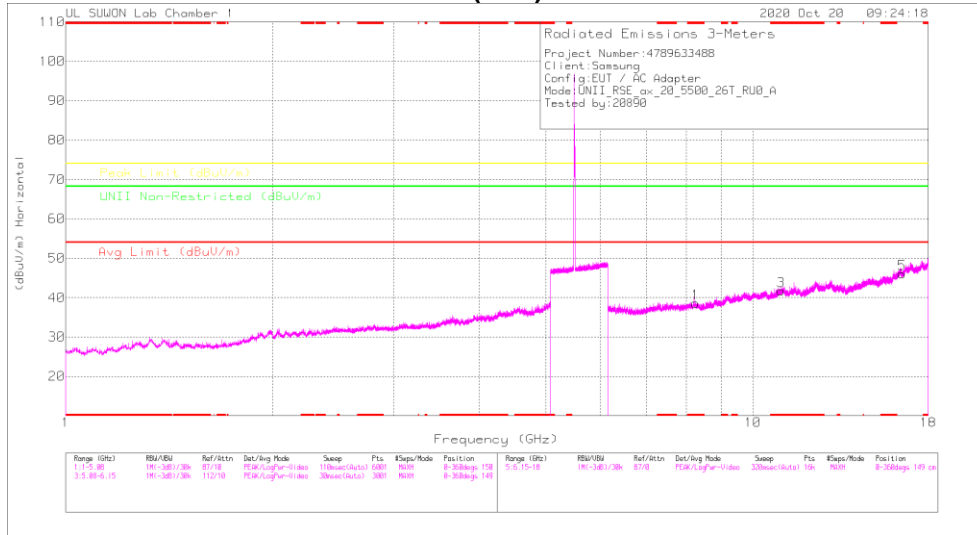
PK-U - U-NII: Maximum Peak

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

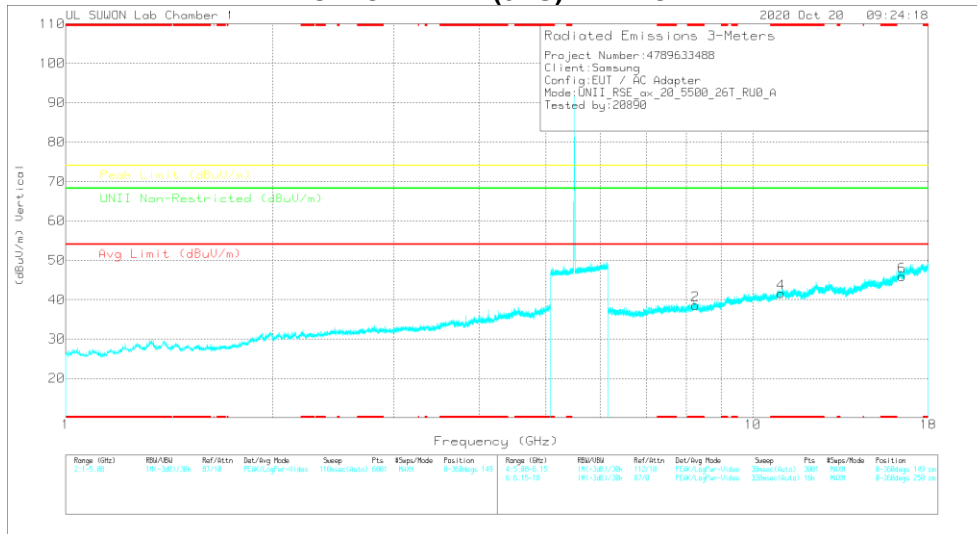
11.7.1. TX ABOVE 1 GHz HE20(RU) 2Tx MODE IN THE 5.5 GHz BAND

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL(0RU) HORIZONTAL



LOW 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.

LOW CHANNEL(0RU) DATA

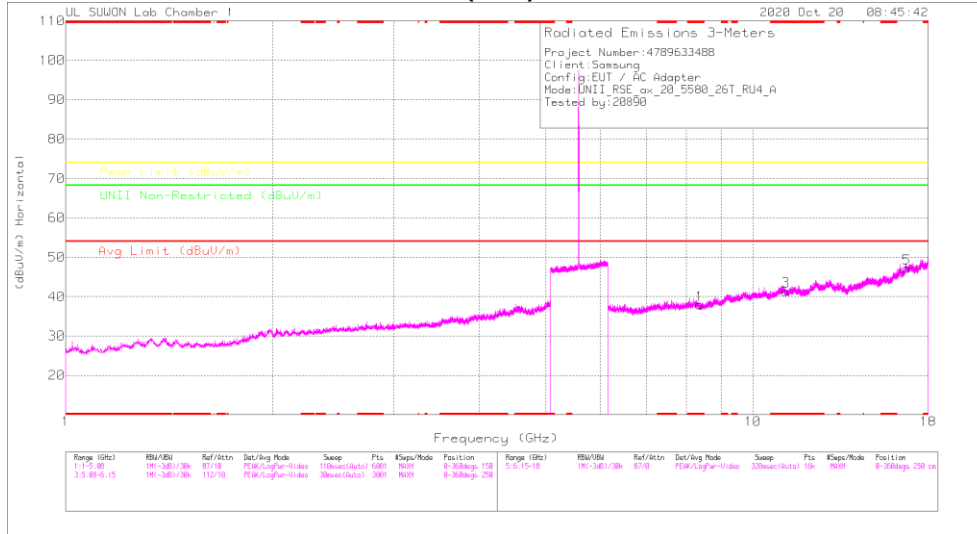
Radiated Emissions

Frequency (GHz)	Meas Reading (dBuV)	Det	317_00160717	@GHz_HF(dB)	OC Cor (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 (Meters)	Height (cm)	Polarity
* 8.25454	37.76	PK-U	36.3	-25.2	0	48.86	-	-	74	-25.14	-	-	360	100	H
* 8.24106	37.66	PK-U	36.3	-25.4	0	48.56	-	-	74	-25.44	-	-	360	100	V
* 10.38867	35.98	PK-U	38.2	-21.6	0	52.38	-	-	74	-21.62	-	-	360	100	H
* 11.00479	35.78	PK-U	38.2	-21.7	0	52.28	-	-	74	-21.72	-	-	360	100	V
16.50153	35.84	PK-U	41.1	-19.6	0	57.34	-	-	-	-	68.2	-10.86	360	100	H
16.49833	35.66	PK-U	41.1	-19.6	0	57.16	-	-	-	-	68.2	-11.04	360	100	V

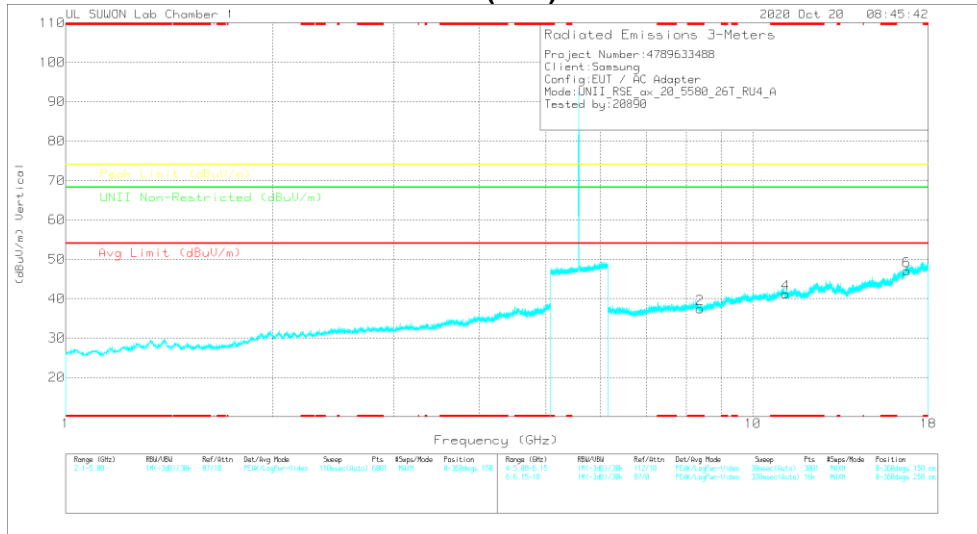
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

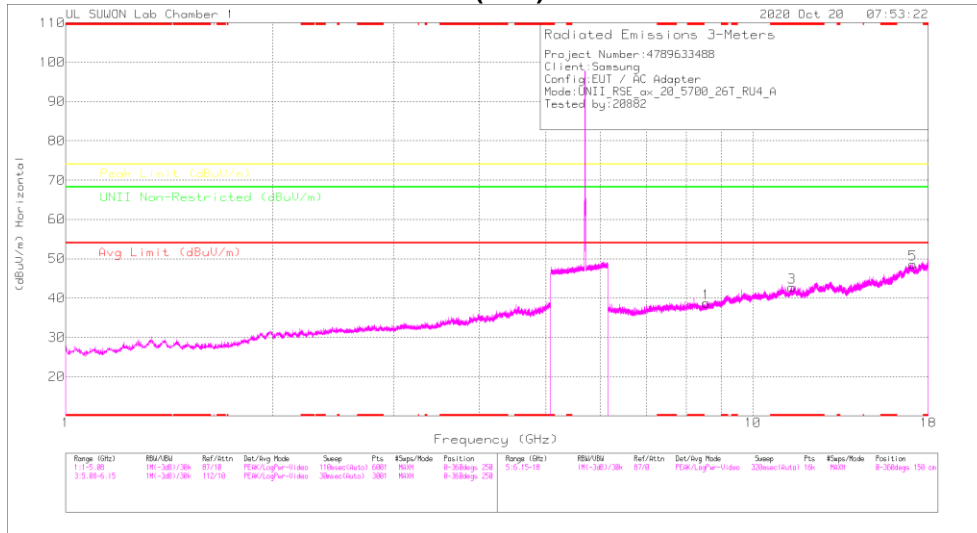
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	317_00168717	6GHz_HFdB	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
* 8.37218	37.64	PK-U	36.3	-25.5	0	48.44	-	-	74	-25.56	-	-	360	100	H
* 8.36337	37.77	PK-U	36.3	-25.5	0	48.57	-	-	74	-25.43	-	-	360	100	V
* 11.17014	36.55	PK-U	38.4	-22.4	0	52.55	-	-	74	-21.45	-	-	360	100	H
* 11.16975	36.69	PK-U	38.4	-22.4	0	52.69	-	-	74	-21.31	-	-	360	100	V
16.73899	34.44	PK-U	41.5	-17.9	0	57.94	-	-	-	-	68.2	-10.26	360	100	H
16.73657	34.35	PK-U	41.5	-17.9	0	57.95	-	-	-	-	68.2	-10.25	360	100	V

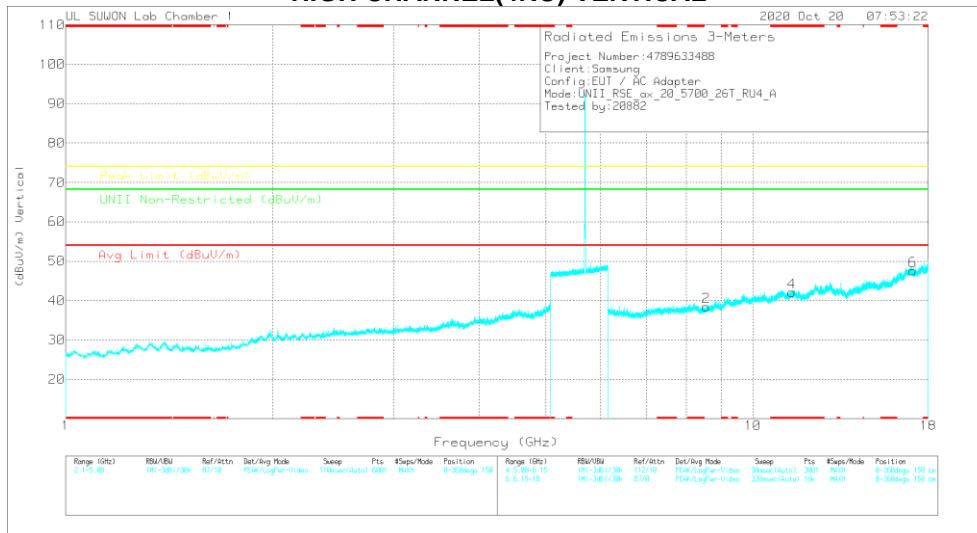
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

HIGH CHANNEL(4RU) HORIZONTAL



HIGH CHANNEL(4RU) VERTICAL



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

HIGH CHANNEL(4RU) DATA

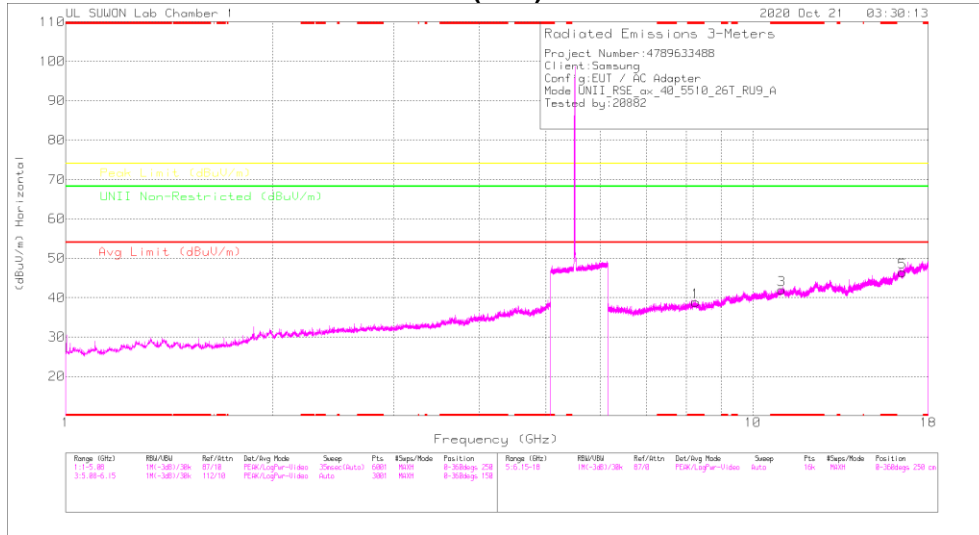
Radiated Emissions

Frequency (GHz)	Max Reading (dBuV)	Det	317_0168717	5GHz_HPSR	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 (Degs)	Height (cm)	Polarity
8.55266	37.41	PK-U	36.2	-24.5	0	49.11	-	-	-	-	68.2	-19.09	360	100	H
8.5487	38.31	PK-U	36.2	-24.5	0	50.01	-	-	-	-	68.2	-18.19	360	100	V
* 11.39842	36.54	PK-U	38.4	-22.1	0	52.84	-	-	74	-21.16	-	-	360	100	H
* 11.39835	36.11	PK-U	38.4	-22.1	0	52.41	-	-	74	-21.59	-	-	360	100	V
17.09914	34.14	PK-U	41.5	-17.6	0	58.04	-	-	-	-	68.2	-10.16	360	100	H
17.09809	34.24	PK-U	41.5	-17.5	0	58.24	-	-	-	-	68.2	-9.96	360	100	V

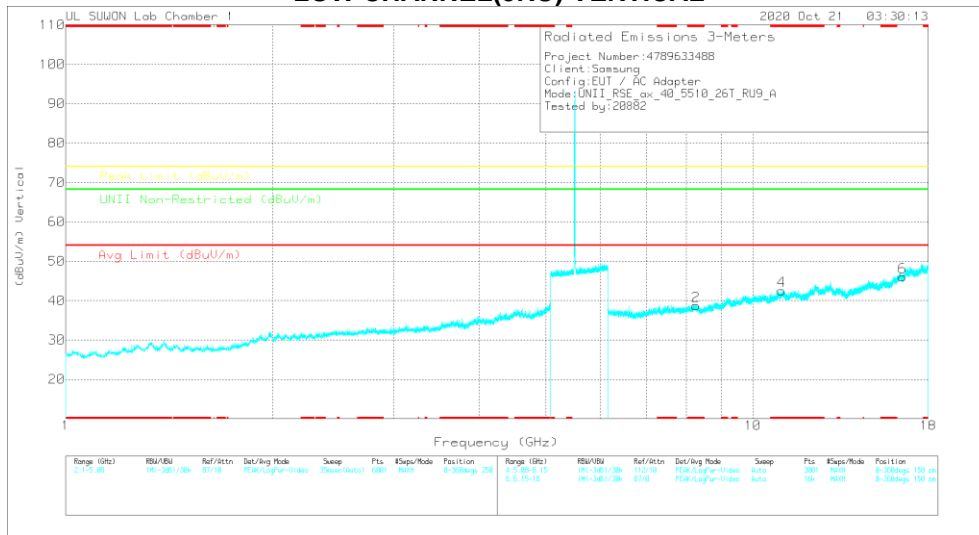
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak

11.7.2. TX ABOVE 1GHz HE40(RU) 2Tx MODE IN THE 5.5GHz 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

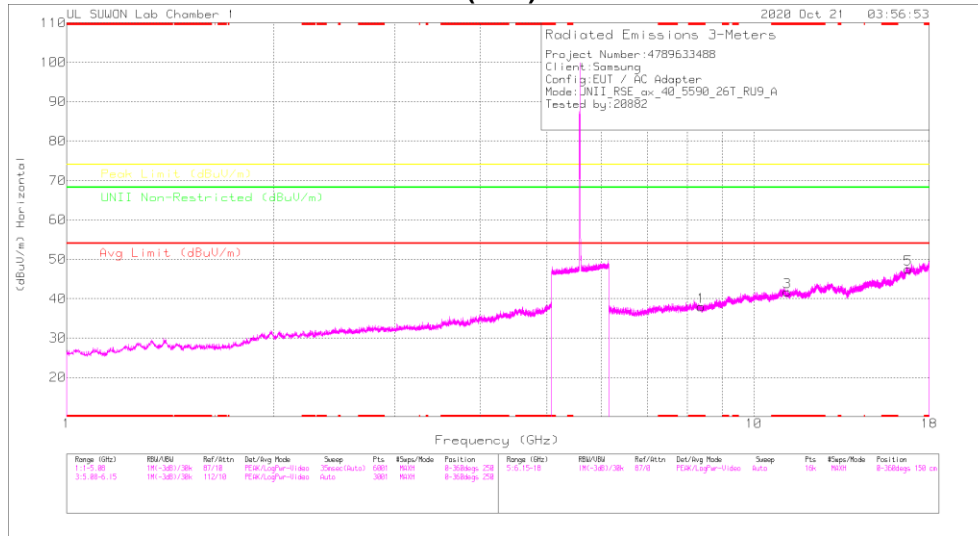
Radiated Emissions

Frequency (GHz)	Main Reading (dBuV)	Det	317_00168717	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)	Azimuth (Deg)	Height (m)	Polarity
* 8.25907	37.56	PK-U	36.3	-25.1	0	48.76	-	-	74	-25.24	-	-	360	100	H
8.56395	37.3	PK-U	36.2	-24.4	0	49.1	-	-	-	-	68.2	-19.1	360	100	V
* 11.02152	35.54	PK-U	38.2	-21.7	0	52.04	-	-	74	-21.96	-	-	360	100	H
* 11.02133	35.56	PK-U	38.2	-21.7	0	52.06	-	-	74	-21.94	-	-	360	100	V
16.52908	35.53	PK-U	41.1	-19.5	0	57.13	-	-	-	-	68.2	-11.07	360	100	H
16.53099	35.89	PK-U	41.1	-19.4	0	57.89	-	-	-	-	68.2	-10.61	360	100	V

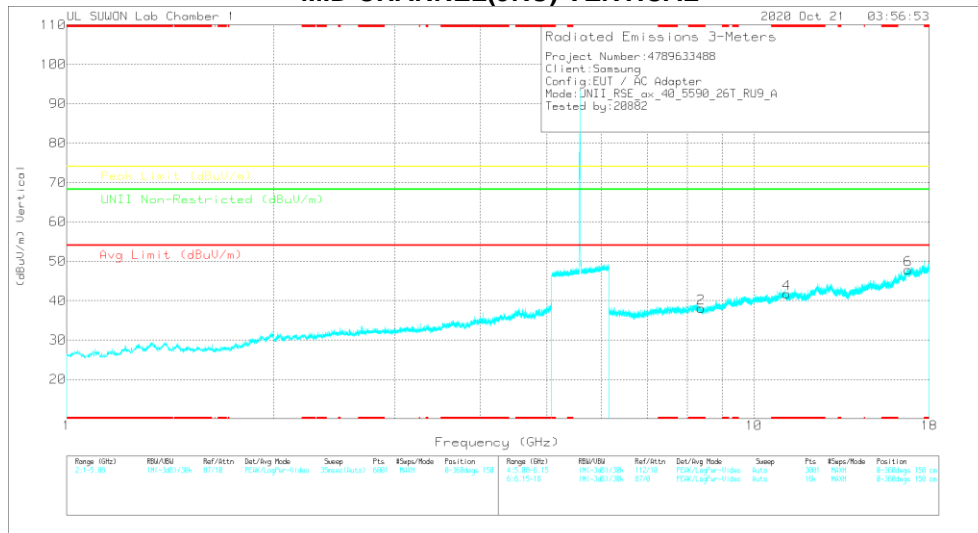
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

MID CHANNEL(9RU) HORIZONTAL



MID 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.

MID CHANNEL(9RU) DATA

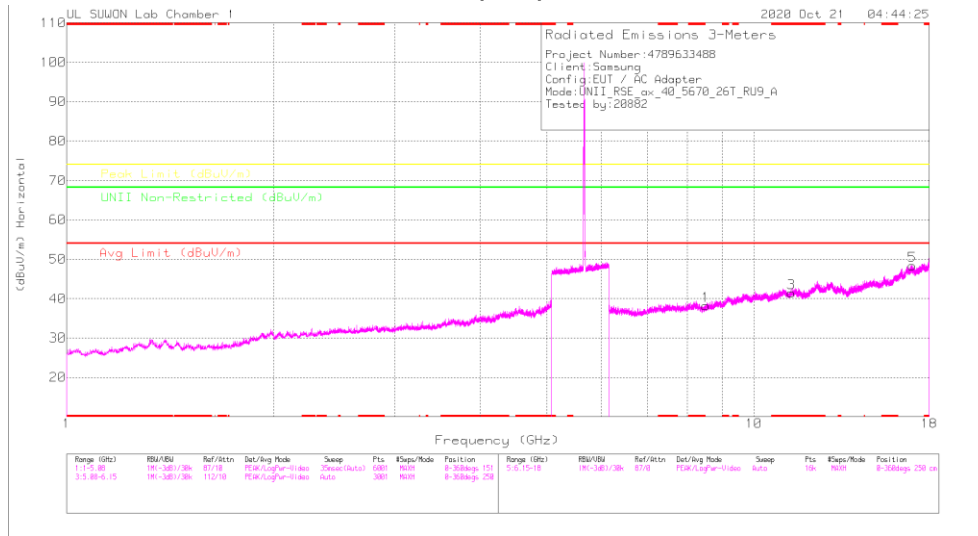
Radiated Emissions

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 (Degs)	Height (cm)	Polarity
* 8.38397	38.25	PK-U	36.3	-25.5	0	49.05	-	-	74	-24.95	-	-	0	100	H
* 8.38663	38.19	PK-U	36.3	-25.6	0	48.89	-	-	74	-25.11	-	-	0	100	V
* 11.1818	36.83	PK-U	38.4	-22.3	0	52.93	-	-	74	-21.07	-	-	0	100	H
* 11.17849	36.38	PK-U	38.4	-22.4	0	52.38	-	-	74	-21.62	-	-	0	100	V
16.77156	34.89	PK-U	41.6	-18.1	0	58.39	-	-	-	-	68.2	-9.81	0	100	H
16.77173	34.88	PK-U	41.6	-18.1	0	58.38	-	-	-	-	68.2	-9.82	0	100	V

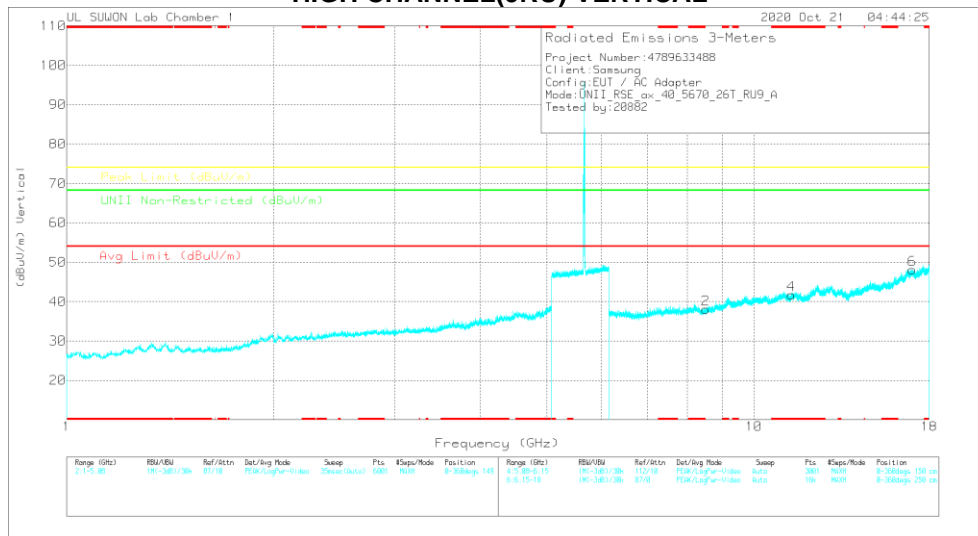
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

HIGH CHANNEL(9RU) HORIZONTAL



HIGH CHANNEL(9RU) VERTICAL



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

HIGH CHANNEL(9RU) DATA

Radiated Emissions

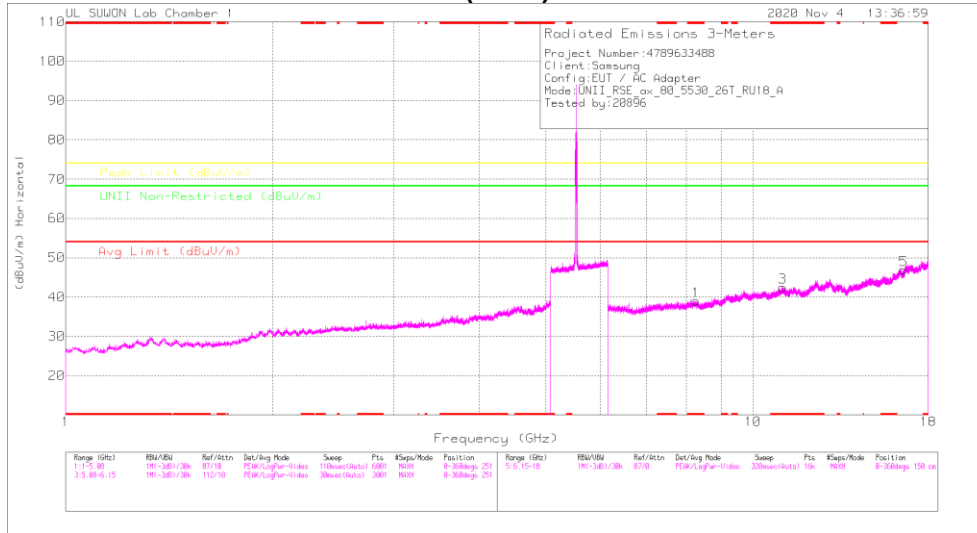
Frequency (GHz)	Meas Reading (dBuV)	Det	317_00168717	6GHz_HPS(S)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimth (Degs)	Height (cm)	Polarity
8.51215	37.15	PK-U	36.2	-25	0	48.35	-	-	-	-	68.2	-19.85	0	100	H
8.50815	37.5	PK-U	36.2	-25	0	48.7	-	-	-	-	68.2	-19.5	0	100	V
*11.3385	36.18	PK-U	38.4	-22.2	0	52.38	-	-	74	-21.62	-	-	0	100	H
*11.34494	36.09	PK-U	38.4	-22.2	0	52.29	-	-	74	-21.71	-	-	0	100	V
17.01487	35.3	PK-U	41.6	-17.7	0	59.2	-	-	-	-	68.2	-9	0	100	H
17.01096	34.74	PK-U	41.6	-17.6	0	58.74	-	-	-	-	68.2	-9.46	0	100	V

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

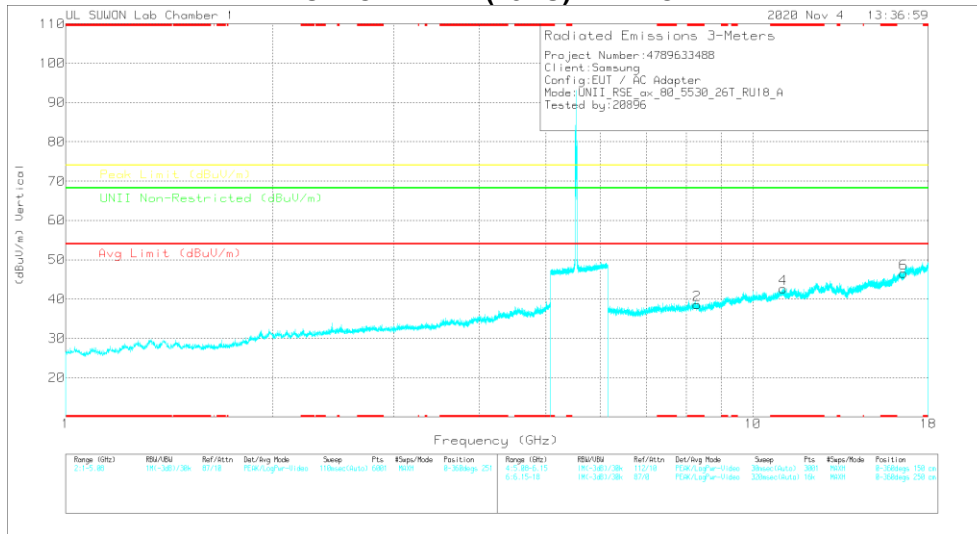
PK-U - U-NII: Maximum Peak

11.7.3. TX ABOVE 1GHz HE80(RU) 2Tx MODE IN THE 5.5GHz BAND HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL(18RU) HORIZONTAL



LOW 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.

LOW CHANNEL(18RU) DATA

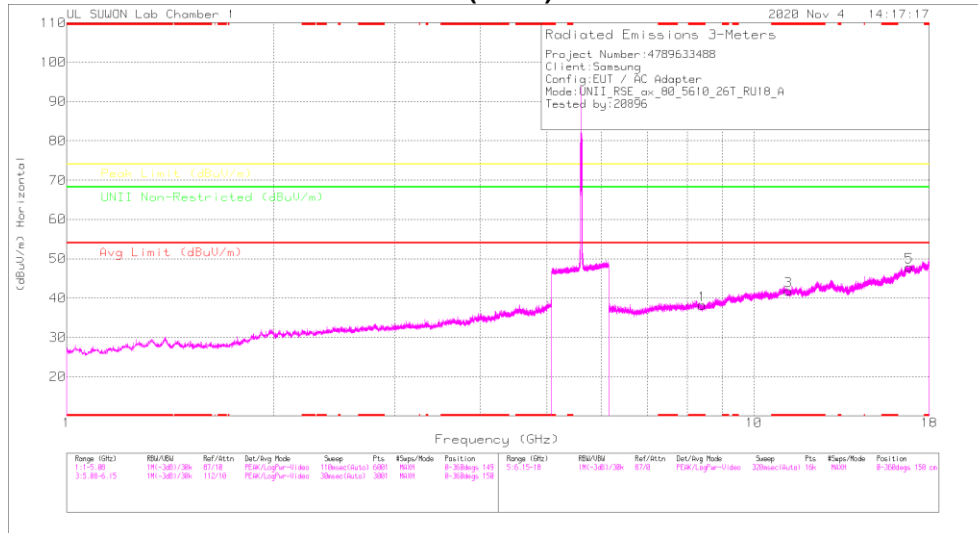
Radiated Emissions

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)	Azimuth (Deg)	Height (cm)	Polarity
* 8.27004	37.36	PK-U	36.3	-24.9	0	48.76	-	-	74	-25.24	-	-	0	100	H
* 8.30304	37.57	PK-U	36.3	-24.9	0	48.97	-	-	74	-25.03	-	-	0	100	V
* 11.04551	36.27	PK-U	38.3	-21.6	0	52.97	-	-	74	-21.03	-	-	0	100	H
* 11.07455	36.17	PK-U	38.3	-21.9	0	52.57	-	-	74	-21.43	-	-	0	100	V
16.5854	36.09	PK-U	41.2	-19.1	0	58.19	-	-	-	-	68.2	-10.01	0	100	H
16.5841	35.35	PK-U	41.2	-19.1	0	57.45	-	-	-	-	68.2	-10.75	0	100	V

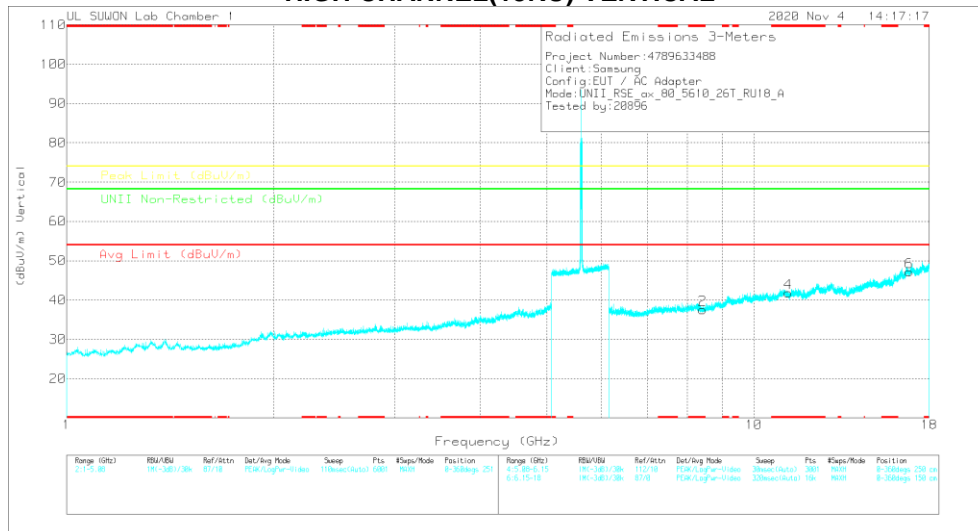
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

HIGH CHANNEL(18RU) HORIZONTAL



HIGH 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.

HIGH CHANNEL(18RU) DATA

Radiated Emissions

Frequency (GHz)	Meter Reading (dBm)	Det	317_00168717	6GHz_HF(8)	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 (Degs)	Height (cm)	Polarity
* 8.41553	38.12	PK-U	38.2	-25.8	0	48.52	-	-	74	-25.48	-	-	360	100	H
* 8.41983	38.58	PK-U	38.2	-25.7	0	49.08	-	-	74	-24.92	-	-	360	100	V
* 11.22044	36.12	PK-U	38.4	-22.2	0	52.32	-	-	74	-21.68	-	-	360	100	H
* 11.21599	36.6	PK-U	38.4	-22.2	0	52.8	-	-	74	-21.2	-	-	360	100	V
16.8262	35.1	PK-U	41.6	-18.6	0	58.1	-	-	-	-	68.2	-10.1	360	100	H
16.8287	35.25	PK-U	41.6	-18.5	0	58.35	-	-	-	-	68.2	-9.85	360	100	V

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

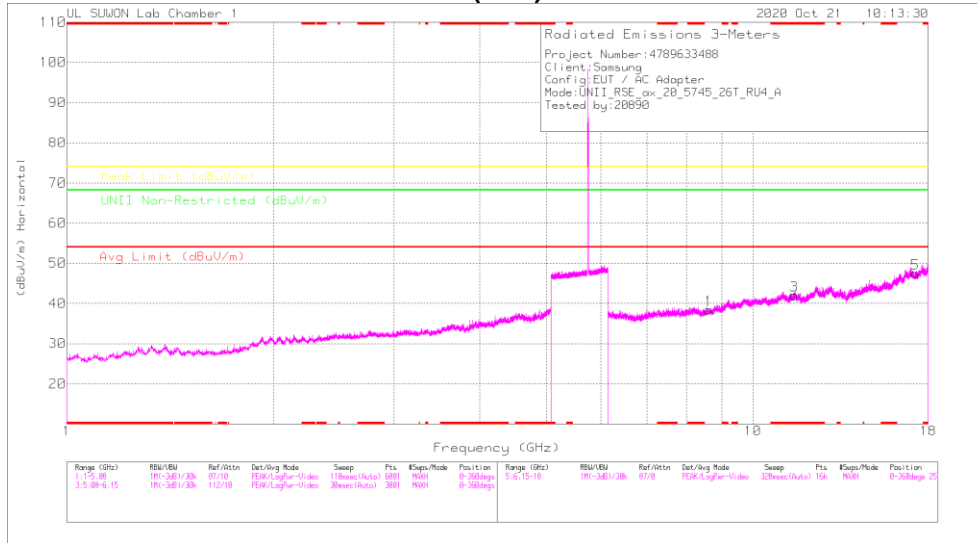
PK-U - U-NII: Maximum Peak

11.8. 5.8 GHz(802.11ax RU mode)

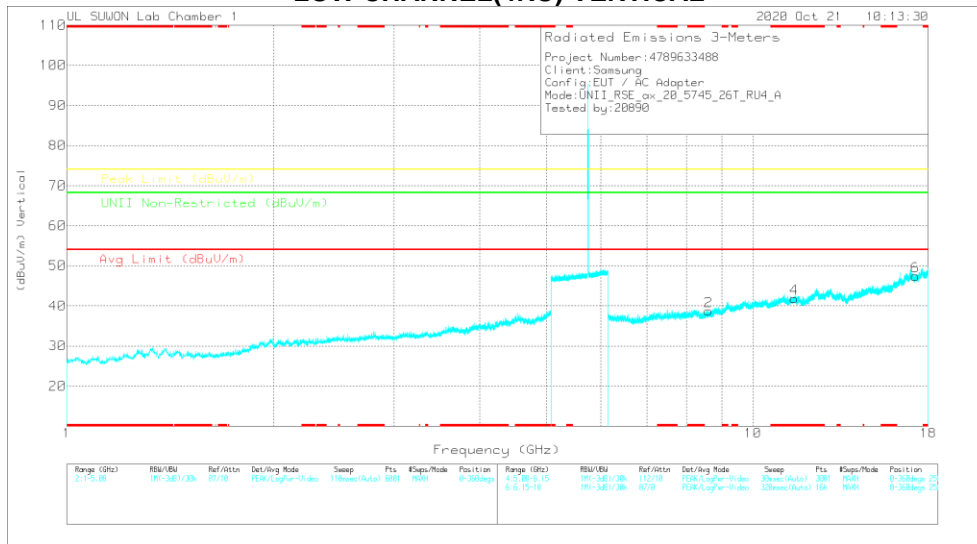
11.8.1. TX ABOVE 1GHz HE20(RU) 2Tx MODE IN THE 5.8GHz BAND

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.

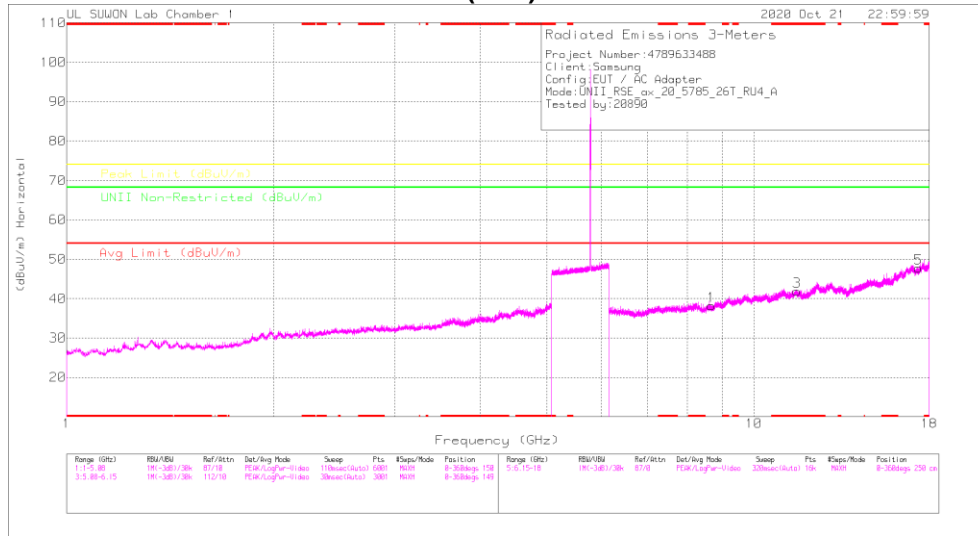
LOW CHANNEL(4RU) DATA

Radiated Emissions

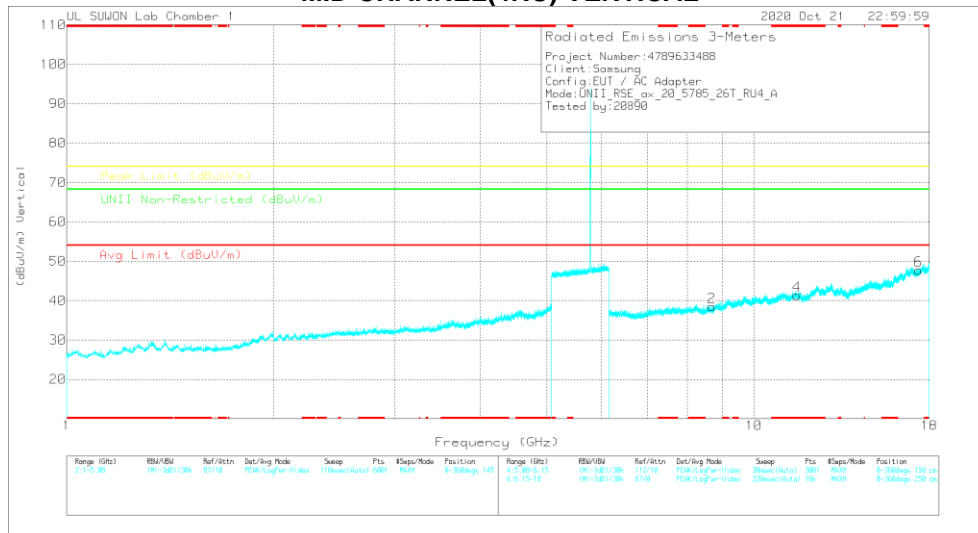
Frequency (GHz)	Main Reading (dBu)	Dir	317_00160717	6GHz_HF[SRE]	DC Cor (dB)	Composed Reading (dBu/m)	Avg Limt (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	Margin (dB)	UNII Non-Restricted (dBu/m)	Margin (dB)	Asmuth (Degs)	Height (cm)	Polarity
8.60801	37.43	PK-U	36.3	-24.5	0	49.23	-	-	-	-	68.2	-18.97	0	100	H
8.60761	37.39	PK-U	36.3	-24.5	0	49.19	-	-	-	-	68.2	-19.01	0	100	V
*11.48999	36.32	PK-U	38.4	-22.2	0	52.52	-	-	74	-21.48	-	-	0	100	H
*11.48995	36.26	PK-U	38.4	-22.3	0	52.36	-	-	74	-21.64	-	-	0	100	V
17.22953	34.03	PK-U	41.3	-17.6	0	57.73	-	-	-	-	68.2	-10.47	0	100	H
17.24572	34.26	PK-U	41.3	-17.4	0	58.16	-	-	-	-	68.2	-10.04	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

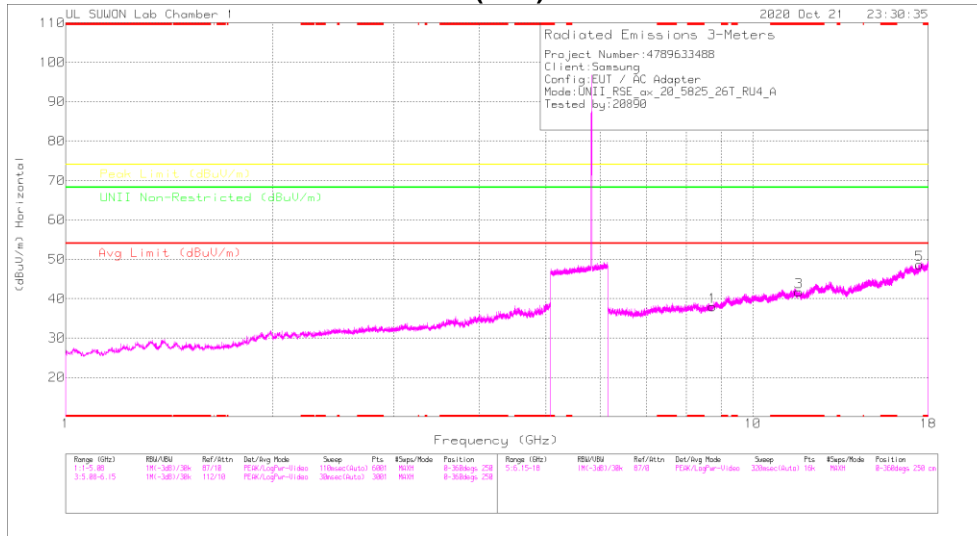
Radiated Emissions

Frequency (GHz)	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
8.67254	37.5	PK-U	36.3	-25.2	0	48.6	-	-	-	-	68.2	-19.6	360	100	H
8.67483	37.04	PK-U	36.3	-25.1	0	48.24	-	-	-	-	68.2	-19.96	360	100	V
* 11.55052	36.33	PK-U	38.3	-22.3	0	52.33	-	-	74	-21.67	-	-	360	100	H
* 11.55298	36.2	PK-U	38.3	-22.3	0	52.2	-	-	74	-21.8	-	-	360	100	V
17.35806	34.28	PK-U	41.2	-17.6	0	57.88	-	-	-	-	68.2	-10.32	360	100	H
17.35814	34.91	PK-U	41.2	-17.6	0	58.51	-	-	-	-	68.2	-9.69	360	100	V

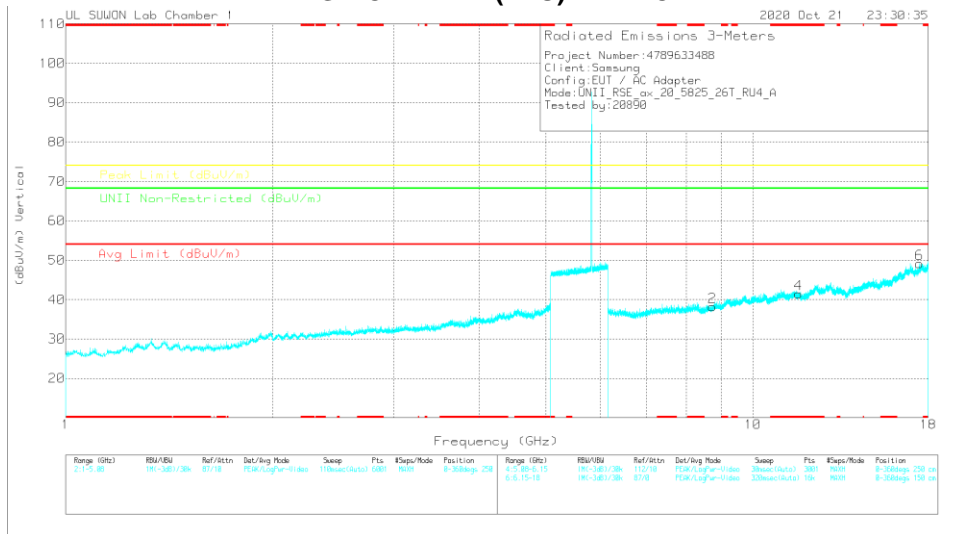
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

HIGH CHANNEL(4RU) HORIZONTAL



HIGH CHANNEL(4RU) VERTICAL



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

HIGH CHANNEL(4RU) DATA

Radiated Emissions

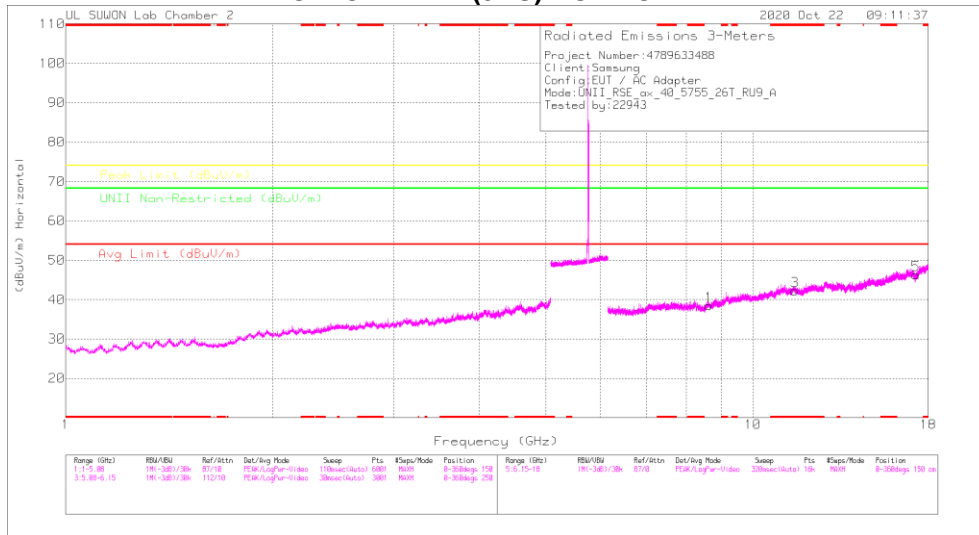
Frequency (GHz)	Main Reading (dBuV)	Det	317_00168717	6GHz_HF[IS]	DC Corr (dB)	Corrected Reading (dBuV)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (m)	Polarity
8.74067	38.2	PK-U	36.4	-25.4	0	49.2	-	-	-	-	68.2	-19	360	100	H
8.73819	37.99	PK-U	36.4	-25.4	0	48.99	-	-	-	-	68.2	-19.21	360	100	V
* 11.66624	35.93	PK-U	38.3	-21.8	0	52.43	-	-	74	-21.57	-	-	360	100	H
* 11.66624	35.5	PK-U	38.3	-21.8	0	52	-	-	74	-22	-	-	360	100	V
17.47147	34.41	PK-U	41.2	-17.3	0	58.31	-	-	-	-	68.2	-9.89	360	100	H
17.47404	34.69	PK-U	41.2	-17.4	0	58.49	-	-	-	-	68.2	-9.71	360	100	V

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

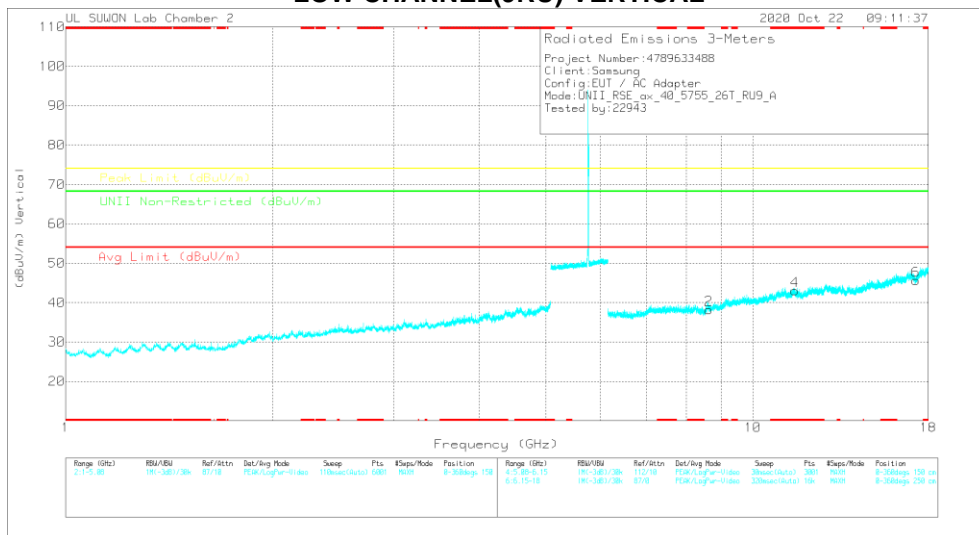
PK-U - U-NII: Maximum Peak

11.8.2. TX ABOVE 1GHz HE40(RU) 2Tx MODE IN THE 5.8GHz 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.

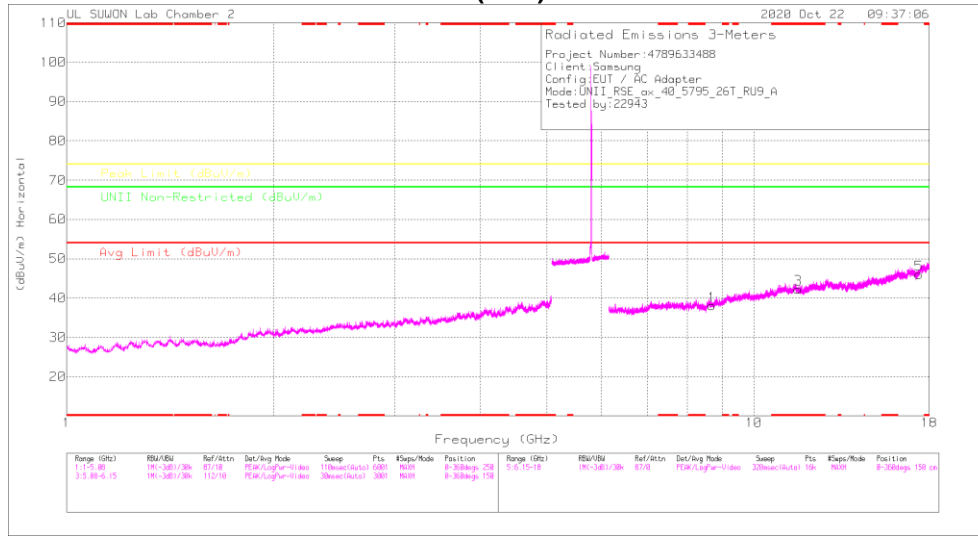
LOW CHANNEL(9RU) DATA

Radiated Emissions

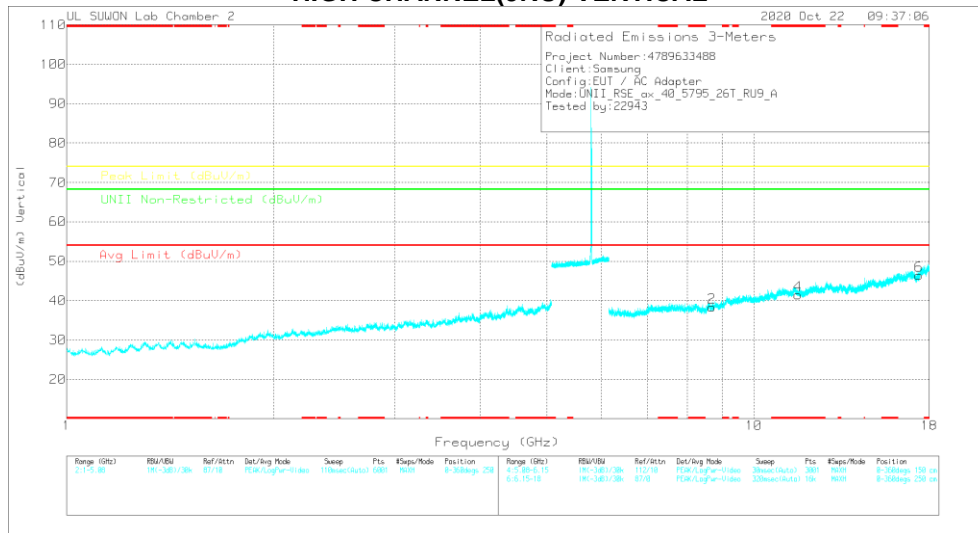
Frequency (GHz)	Meas Reading (dBuV/m)	Det	317_00168724	6GHz_HF(SB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Magn (dB)	Peak Limit (dBuV/m)	Magn (dB)	UNII Non-Restricted (dBuV/m)	Magn (dB)	Asimth (Degs)	Height (cm)	Polarity
8.63207	35.19	PK-U	36.1	-21.2	0	50.09	-	-	-	-	68.2	-18.11	0	100	H
8.63376	34.07	PK-U	36.1	-21.4	0	48.77	-	-	-	-	68.2	-19.43	0	100	V
* 11.51031	34.26	PK-U	38.3	-19.1	0	53.46	-	74	-20.54	-	-	-	0	100	H
* 11.50926	34.29	PK-U	38.3	-19.2	0	53.39	-	74	-20.61	-	-	-	0	100	V
17.26636	34.49	PK-U	40.9	-18.5	0	56.89	-	-	-	-	68.2	-11.31	0	100	H
17.26507	33.83	PK-U	40.9	-18.4	0	56.33	-	-	-	-	68.2	-11.87	0	100	V

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

HIGH CHANNEL(9RU) HORIZONTAL



HIGH CHANNEL(9RU) VERTICAL



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

HIGH CHANNEL(9RU) DATA

Radiated Emissions

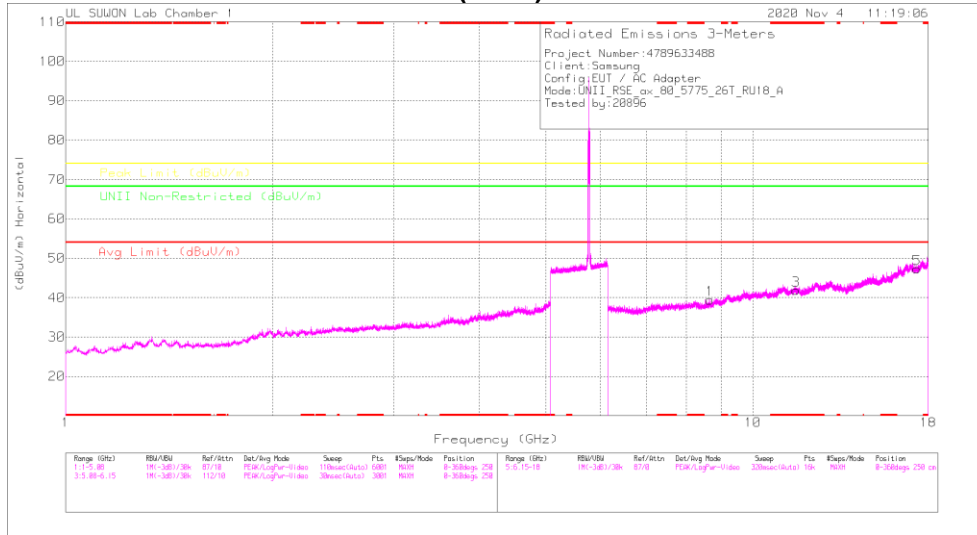
Frequency (GHz)	Meter Reading (dBm)	Det	317_00168724	6GHz_HFdB	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
8.69369	35.17	PK-U	36.2	-22.3	0	49.07	-	-	-	-	68.2	-19.13	0	100	H
8.69422	35.64	PK-U	36.2	-22.3	0	49.54	-	-	-	-	68.2	-18.66	0	100	V
* 11.58903	34.29	PK-U	38.4	-19.4	0	53.29	-	-	74	-20.71	-	-	0	100	H
* 11.59192	33.74	PK-U	38.4	-19.4	0	52.74	-	-	74	-21.26	-	-	0	100	V
17.38354	33.94	PK-U	41	-18.2	0	56.74	-	-	-	-	68.2	-11.46	0	100	H
17.38626	33.98	PK-U	41	-18.3	0	56.68	-	-	-	-	68.2	-11.52	0	100	V

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

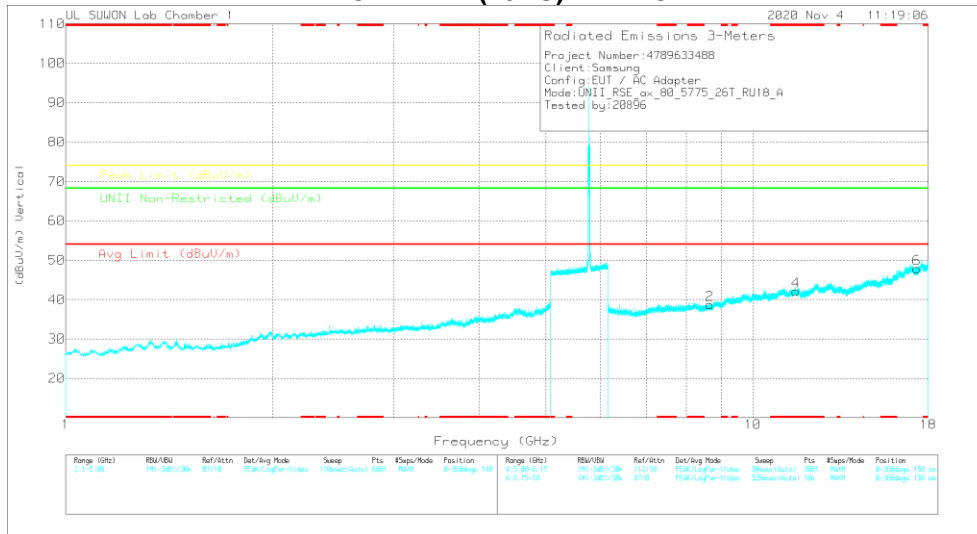
PK-U - U-NII: Maximum Peak

11.8.3. TX ABOVE 1GHz HE80(RU) 2Tx MODE IN THE 5.8GHz 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)	Meas Reading (dBuV)	Det	317_00168717	6GHz_HF[S]	DC Corr (dB)	Corrected Reading (dBuV)	Avg Limit (dBuV/m)	Margn (dB)	Peak Limit (dBuV/m)	Margn (dB)	UNII Non-Restricted (dBuV/m)	Margn (dB)	Antenn (dBi)	Height (m)	Polarity
8.66204	37.64	PK-U	36.3	-25.1	0	48.84	-	-	-	-	68.2	-19.36	0	100	H
8.66272	37.57	PK-U	36.3	-25.1	0	48.77	-	-	-	-	68.2	-19.43	0	100	V
* 11.55011	36.84	PK-U	38.3	-22.3	0	52.84	-	-	74	-21.16	-	-	0	100	H
* 11.55098	36.12	PK-U	38.3	-22.3	0	52.12	-	-	74	-21.88	-	-	0	100	V
17.32801	34.2	PK-U	41.2	-17.5	0	57.9	-	-	-	-	68.2	-10.3	0	100	H
17.32826	34.22	PK-U	41.2	-17.5	0	57.92	-	-	-	-	68.2	-10.28	0	100	V

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

PK-U - U-NII: Maximum Peak

11.9. Spurious Emissions for Simultaneous Transmission

11.9.1. Worst test case RSDB condition

Case 1	2.4 GHz WLAN ANT1 + ANT2	5GHz WLAN ANT1 + ANT2
Mode	802.11g	802.11n HT20
Channel	6	40
Frequency[MHz]	2437	5200
Data Rate	6Mbps	MCS 0
Axis (Worst)	X & Z	

Case 2	2.4 GHz WLAN ANT1 + ANT2	5GHz WLAN ANT1 + ANT2
Mode	802.11ax HE20	802.11ax HE20
Channel	6	60
Frequency[MHz]	2437	5300
Tone	26T	26T
RU	4	4
Data Rate	MCS 0	MCS 0
Axis (Worst)	X & Z	

11.9.2. Worst test case non-DBS + Bluetooth condition

Case 3	2.4 GHz Bluetooth ANT1	5GHz WLAN ANT1 + ANT2
Mode	BDR	802.11a
Channel	78	165
Frequency[MHz]	2480	5825
Data Rate	1 Mbps	6Mbps
Axis (Worst)	X & Z	

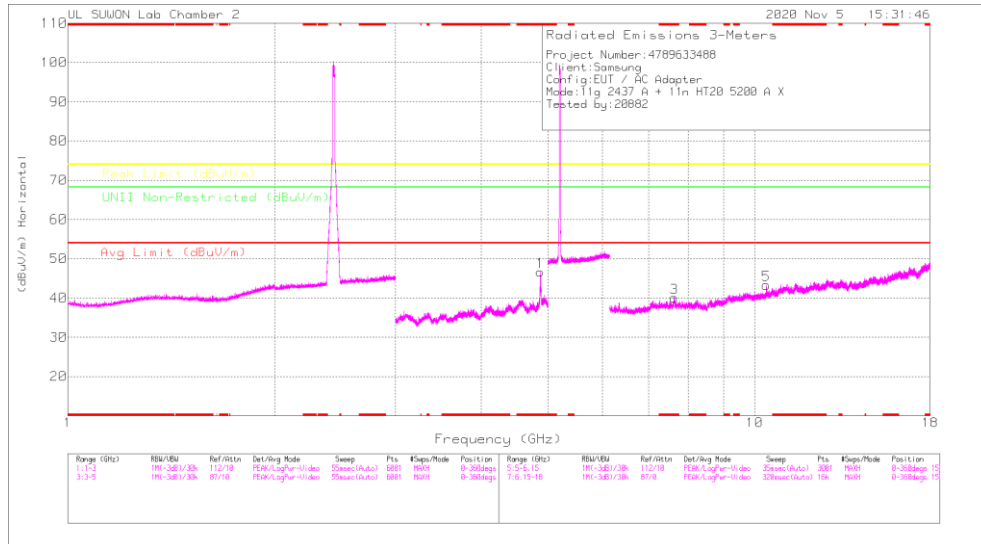
NOTE

The lowest margin condition among the channels and modes were selected for test. Low, mid, and high channels of 2.4GH WLAN were tested, and the worst case configuration & data were listed in the test report.

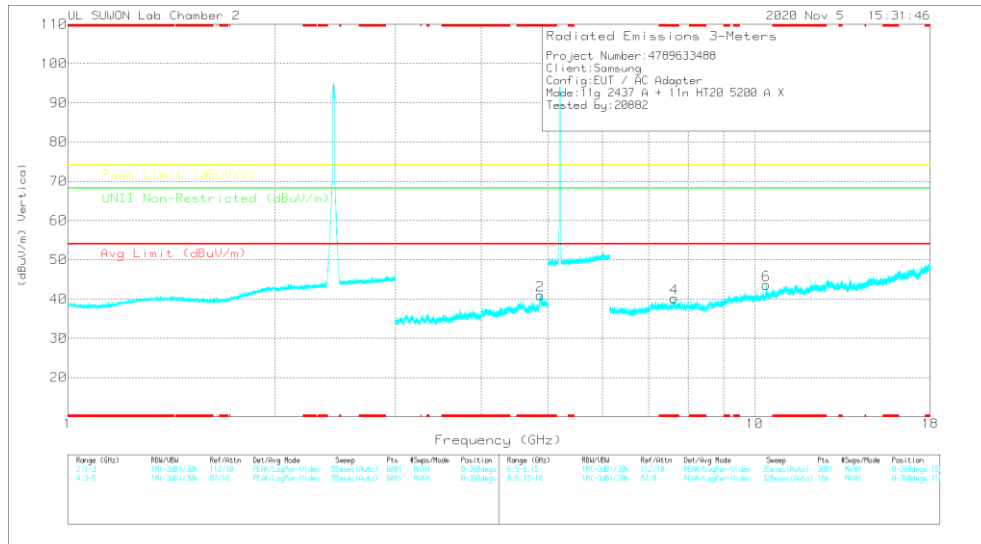
11.9.3. Test Results

Spurious emission for Simultaneous Transmission Case1. - X axis

HORIZONTAL



VERTICAL



Radiated Emissions

Frequency (GHz)	Mask Reading (dBuV)	Det	3117_00168724	5GHz_LF(dB)	DTS_Noise(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.85009	41.36	PK2	34.1	-26.8	-3	0	49.56	-	-	74	-24.44	-	-	76	102	H
* 4.85797	29.3	MAV1	34.1	-26.9	-3	0	36.8	54	-17.2	-	-	-	-	76	102	H
* 4.85841	42.1	PK2	34.1	-26.9	-3	0	49.6	-	-	74	-24.4	-	-	149	216	V
* 4.85593	29.26	MAV1	34.1	-26.8	-3	0	36.86	54	-17.14	-	-	-	-	149	216	V

Frequency (GHz)	Mask Reading (dBuV)	Det	3117_00168724	5GHz_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)	Azimuth (Degs)	Height (cm)	Polarity
* 7.6359	37.26	PK-U	35.9	-23.9	0	49.26	-	-	74	-24.74	-	-	0	100	H
* 7.63881	36.4	PK-U	35.9	-23.9	0	48.4	-	-	74	-25.6	-	-	0	100	V
10.4012	36.25	PK-U	37.7	-20.2	0	53.75	-	-	-	-	68.2	-14.48	158	100	H
10.38688	36.89	PK-U	37.7	-20.1	0	54.49	-	-	-	-	68.2	-13.71	188	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 PK2 - KDB558074 Method: Maximum Peak
 MAV1 - KDB558074 Option 1 Maximum RMS Average