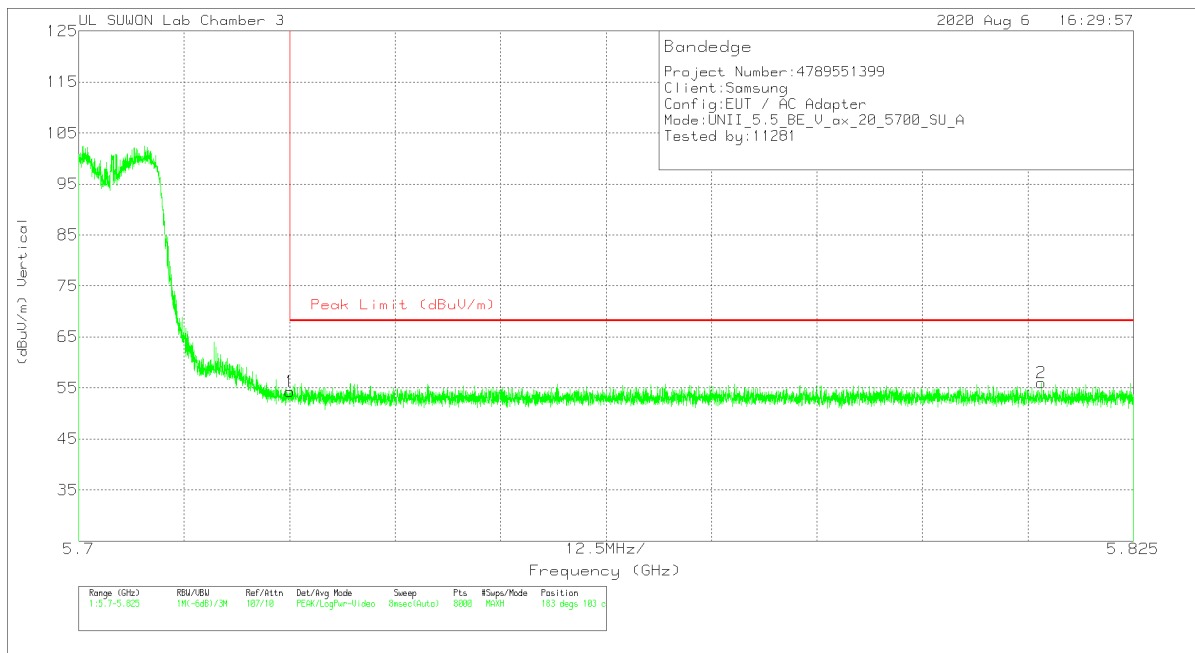


VERTICAL PEAK PLOT



VERTICAL DATA

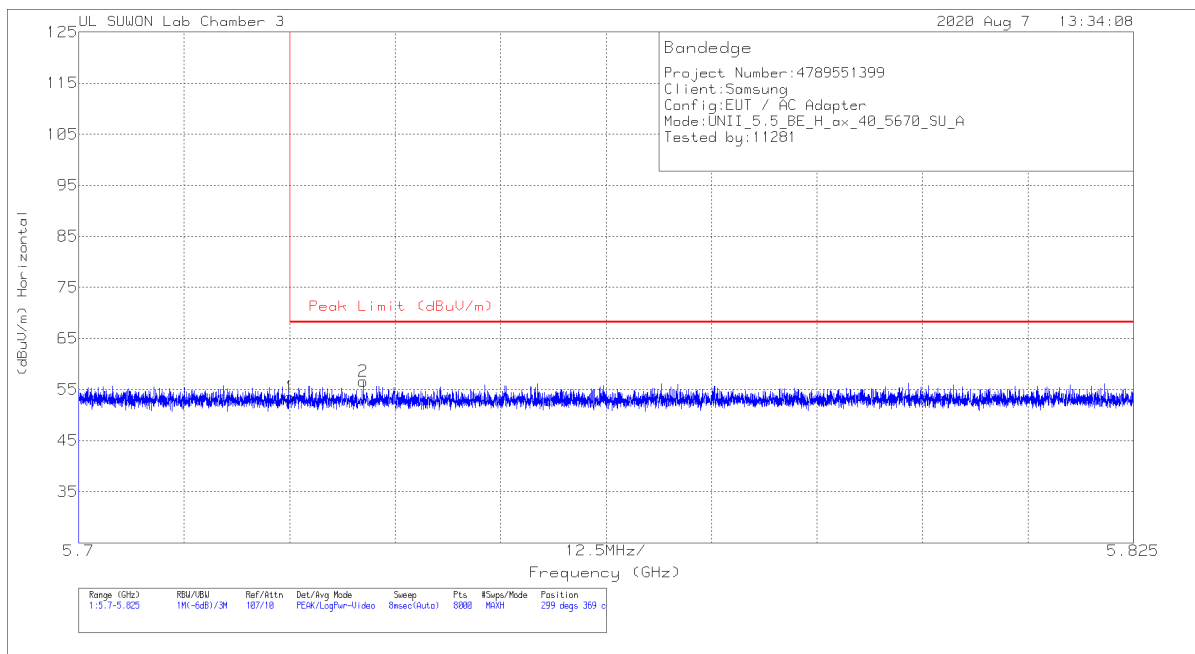
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB_ATT[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	36.98	Pk	34.8	-17.5	54.28	68.2	-13.92	183	103	V
2	5.81408	38.39	Pk	34.9	-17.3	55.99	68.2	-12.21	183	103	V

Pk - Peak detector

HE40 SU mode (MIMO)

HORIZONTAL PEAK PLOT



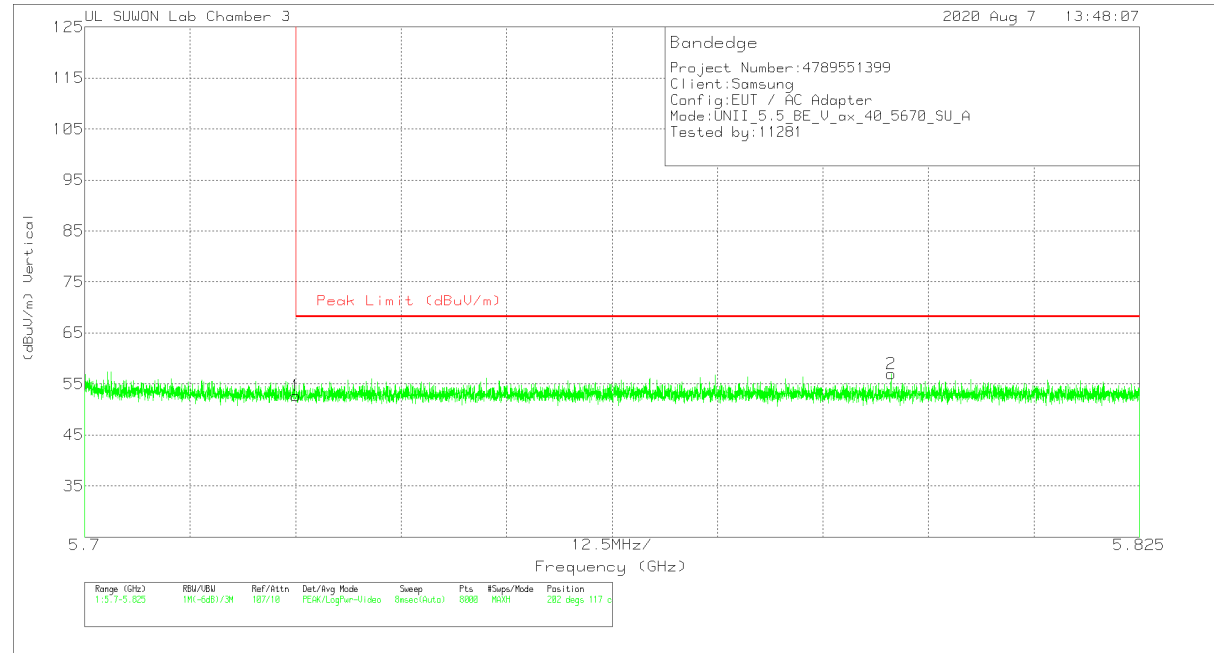
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB_ATT[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	36.28	Pk	34.8	-17.5	53.58	68.2	-14.62	299	369	H
2	5.73372	39.2	Pk	34.8	-17.4	56.6	68.2	-11.6	299	369	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

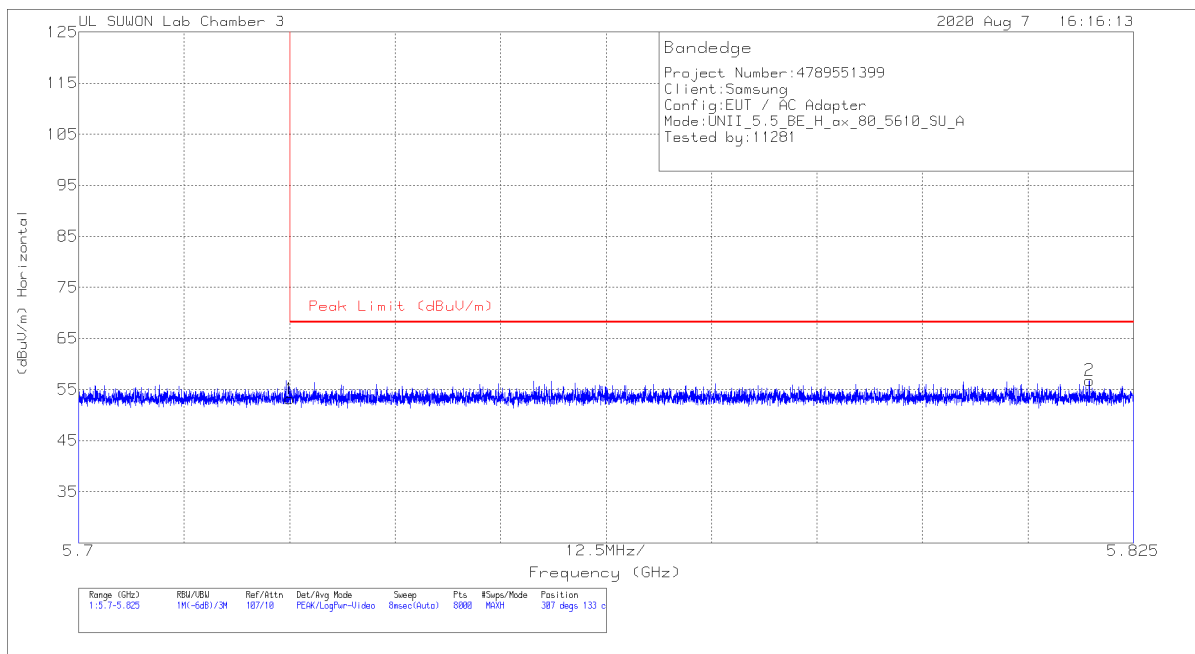
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB_ATT[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degr)	Height (cm)	Polarity
1	5.725	35.37	Pk	34.8	-17.5	52.67	68.2	-15.53	202	117	V
2	5.79556	39.4	Pk	34.9	-17.3	57	68.2	-11.2	202	117	V

Pk - Peak detector

HE80 SU mode (MIMO)

HORIZONTAL PEAK PLOT



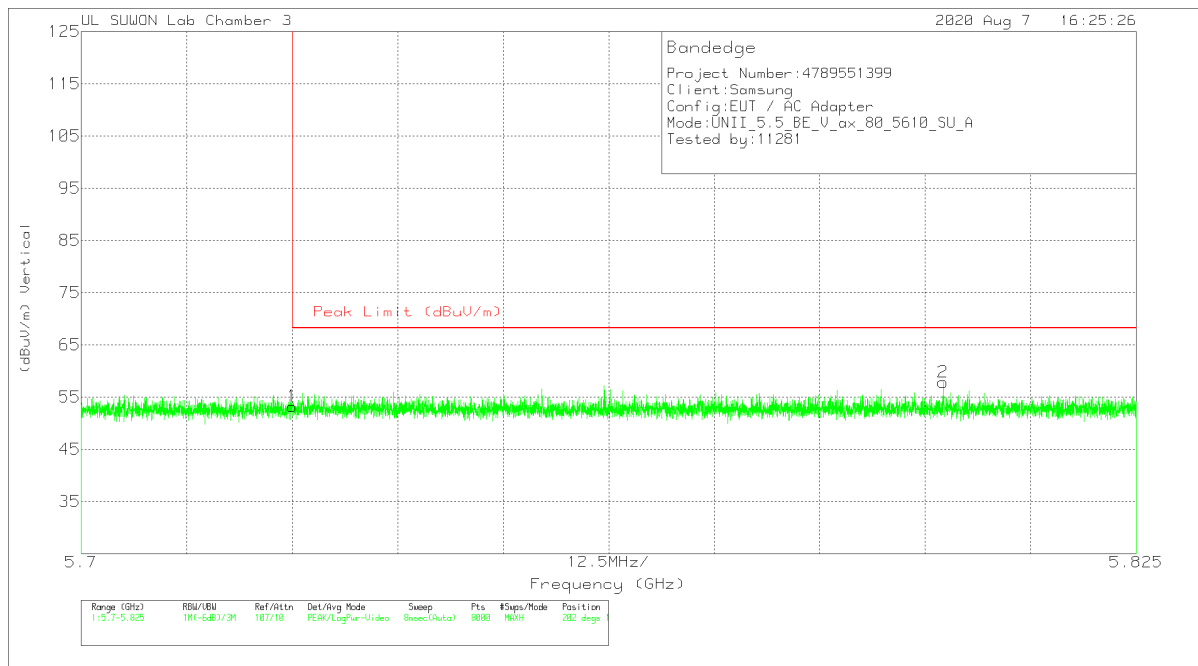
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB_ATT[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	35.93	Pk	34.8	-17.5	53.23	68.2	-14.97	307	133	H
2	5.81977	39.21	Pk	34.9	-17.3	56.81	68.2	-11.39	307	133	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

Trace Markers

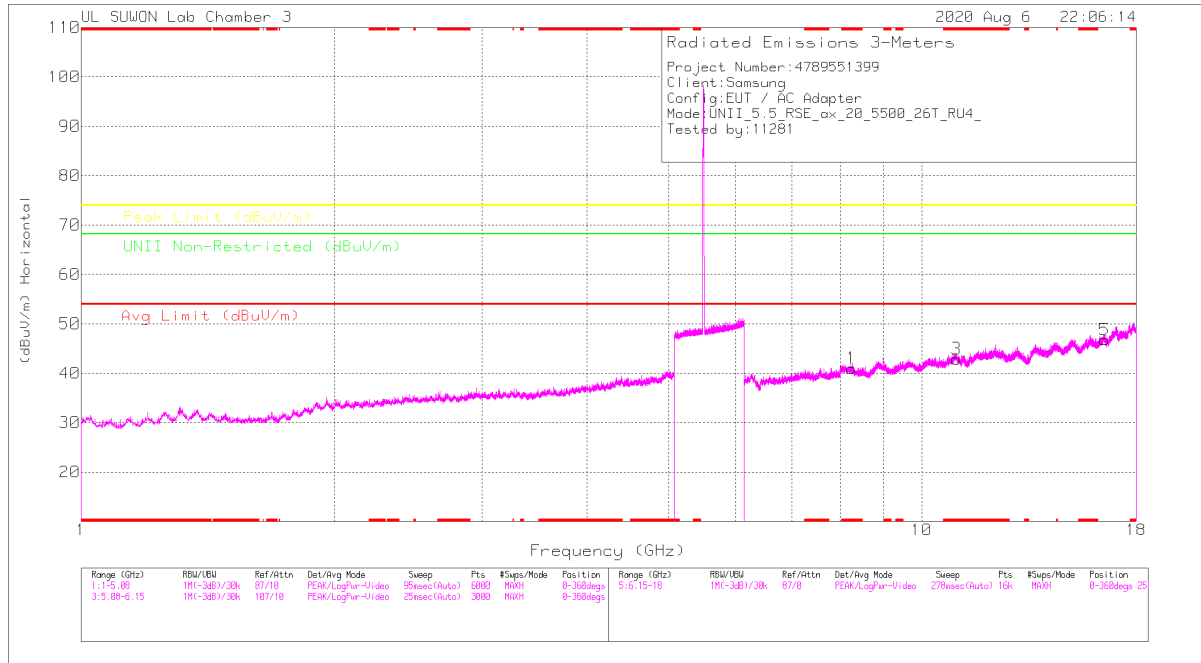
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB_ATT[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	35.89	Pk	34.8	-17.5	53.19	68.2	-15.01	202	119	V
2	5.80211	40.24	Pk	34.9	-17.3	57.84	68.2	-10.36	202	119	V

Pk - Peak detector

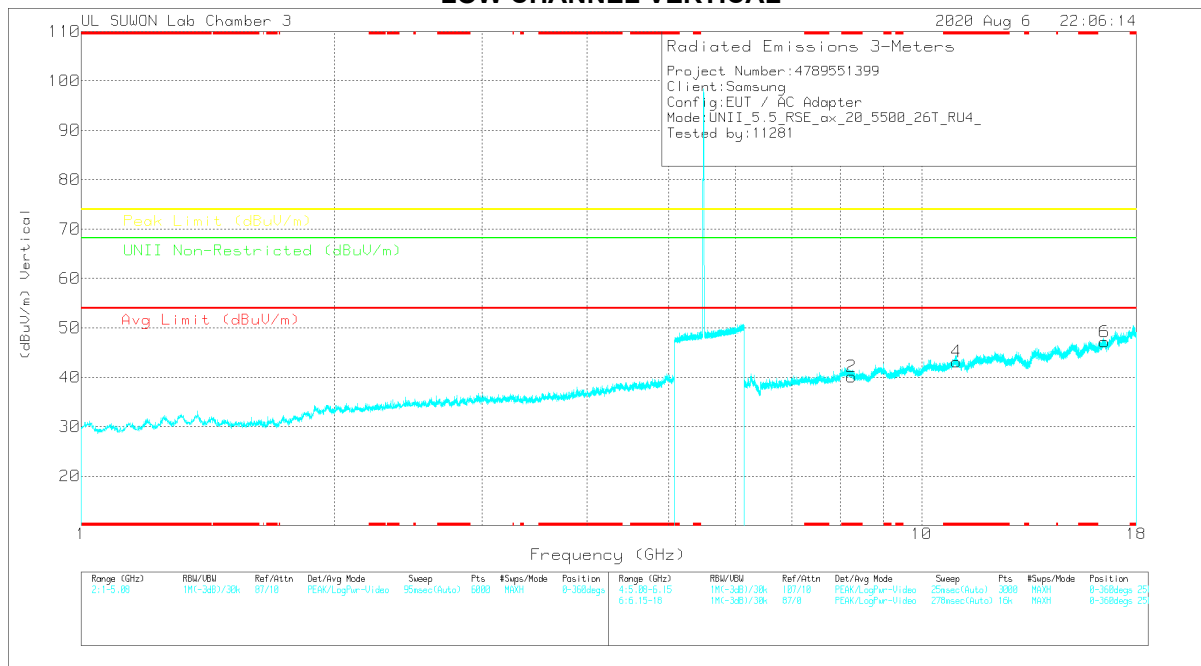
11.1.6. HARMONICS AND SPURIOUS EMISSIONS_5.5GHz BAND

HE20 RU mode (ANT_1 / 26T / Low: 4, Mid: 0, High: 4)

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

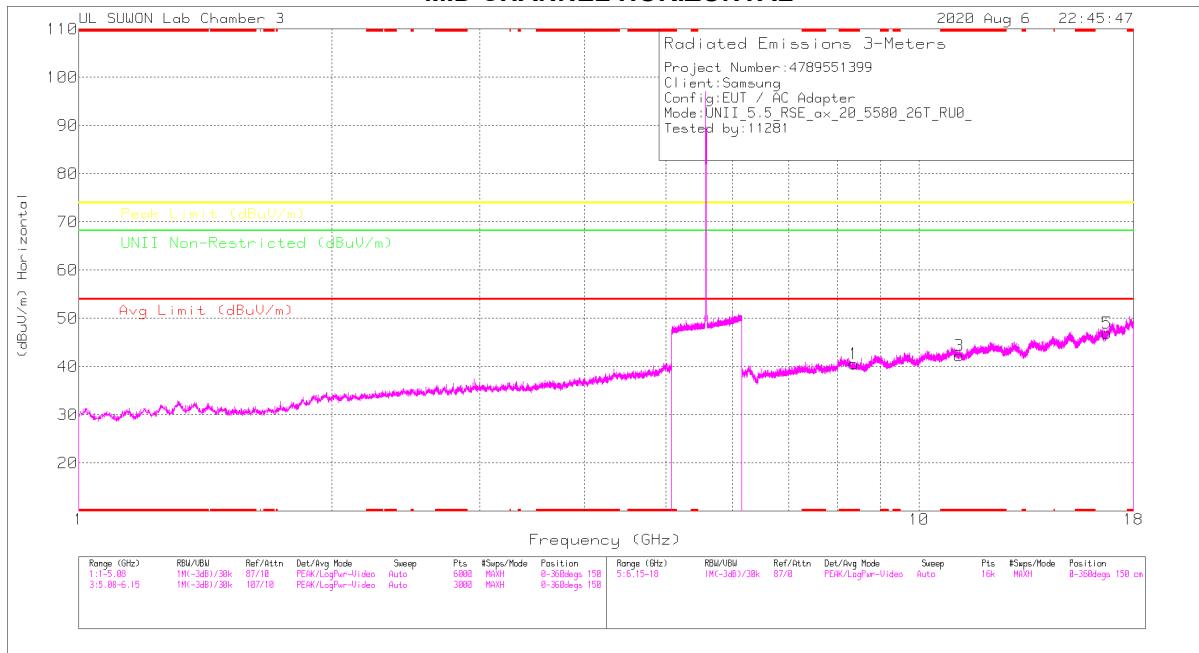
LOW CHANNEL DATA

Radiated Emissions

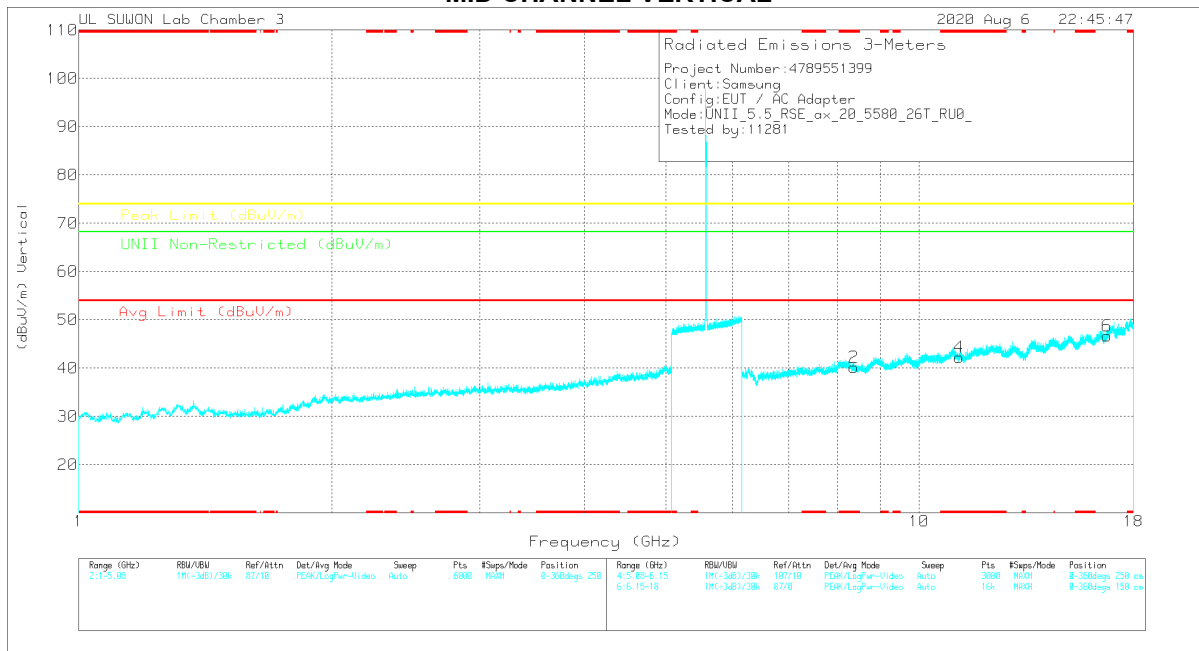
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	6GHz_HP[dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 8.24991	35.73	PK-U	38.4	-21.7	50.43	-	-	74	-23.57	-	-	360	100	H
* 11.00446	33.29	PK-U	38.2	-19.3	52.19	-	-	74	-21.81	-	-	360	100	H
16.50033	33.22	PK-U	40.9	-17.3	56.82	-	-	-	-	68.2	-11.38	360	100	H
* 8.23639	36.46	PK-U	38.4	-21.7	51.16	-	-	74	-22.84	-	-	360	100	V
* 10.99886	33.93	PK-U	38.2	-19.2	52.93	-	-	74	-21.07	-	-	360	100	V
16.50693	33.33	PK-U	40.9	-17.3	56.93	-	-	-	-	68.2	-11.27	360	100	V

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

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

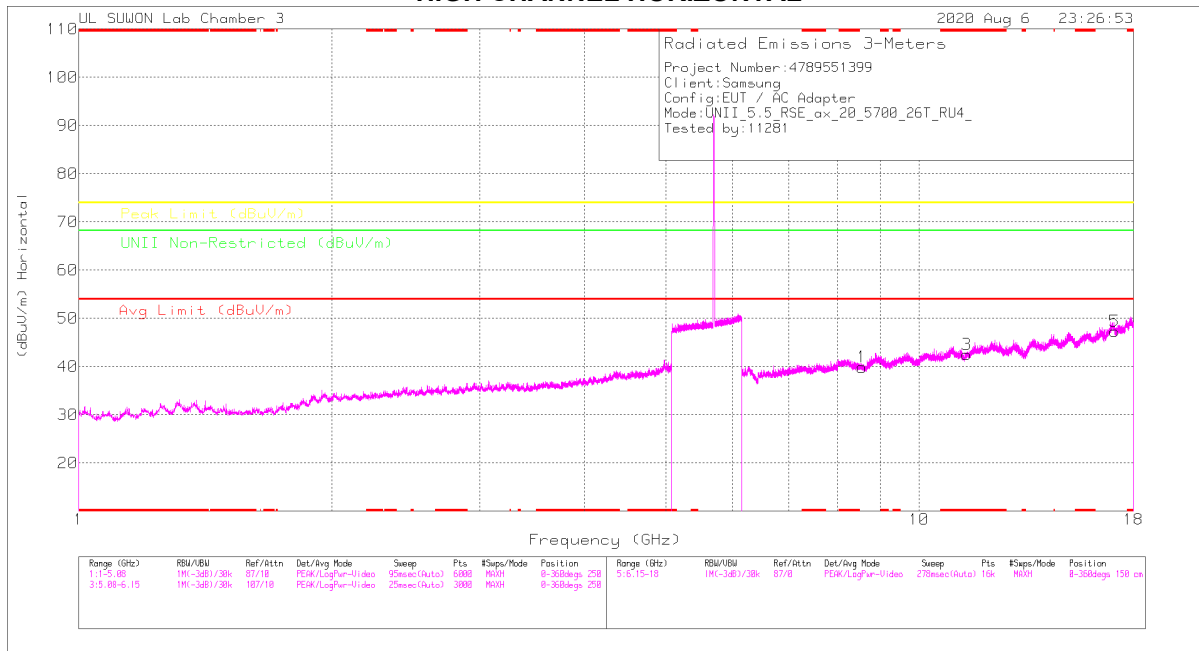
MID CHANNEL DATA

Radiated Emissions

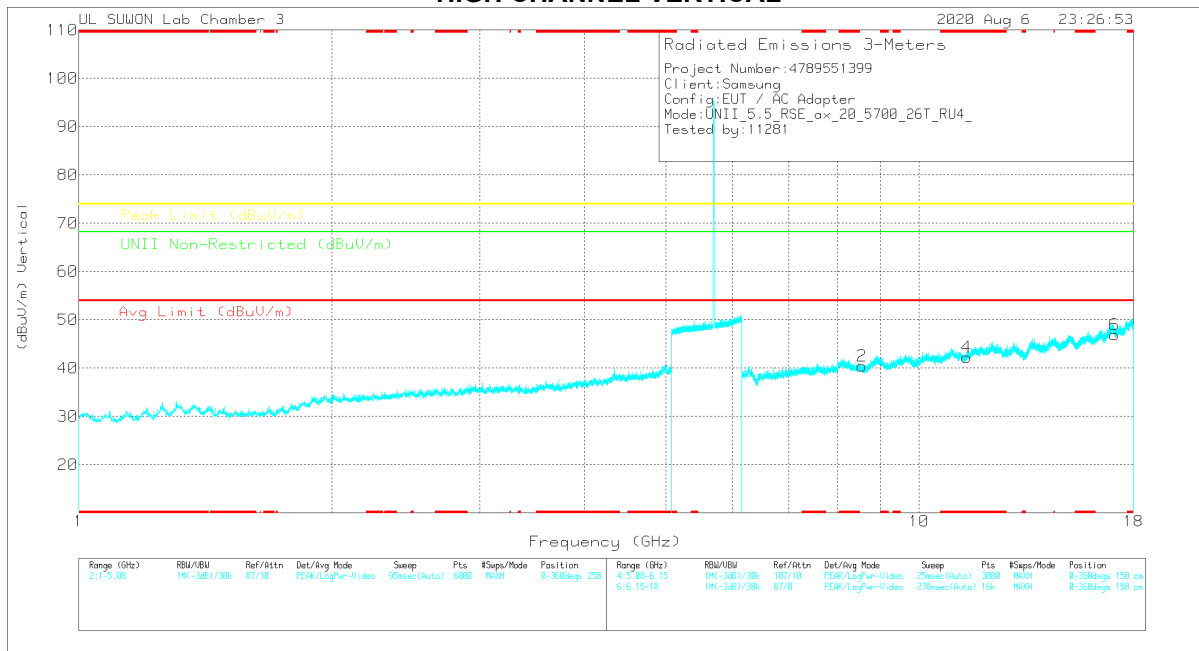
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	6GHz_HP[dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 8.36828	35.65	PK-U	36.3	-21.5	50.45	-	-	74	-23.55	-	-	0	100	H
* 11.17235	34.07	PK-U	38.3	-19.5	52.87	-	-	74	-21.13	-	-	0	100	H
16.7225	31.76	PK-U	41.3	-16.9	56.16	-	-	-	-	68.2	-12.04	0	100	H
* 8.35965	35.69	PK-U	36.3	-21.6	50.39	-	-	74	-23.61	-	-	0	100	V
* 11.16543	34.21	PK-U	38.3	-19.5	53.01	-	-	74	-20.99	-	-	0	100	V
16.74561	31.71	PK-U	41.3	-16.7	56.31	-	-	-	-	68.2	-11.89	0	100	V

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

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Radiated Emissions

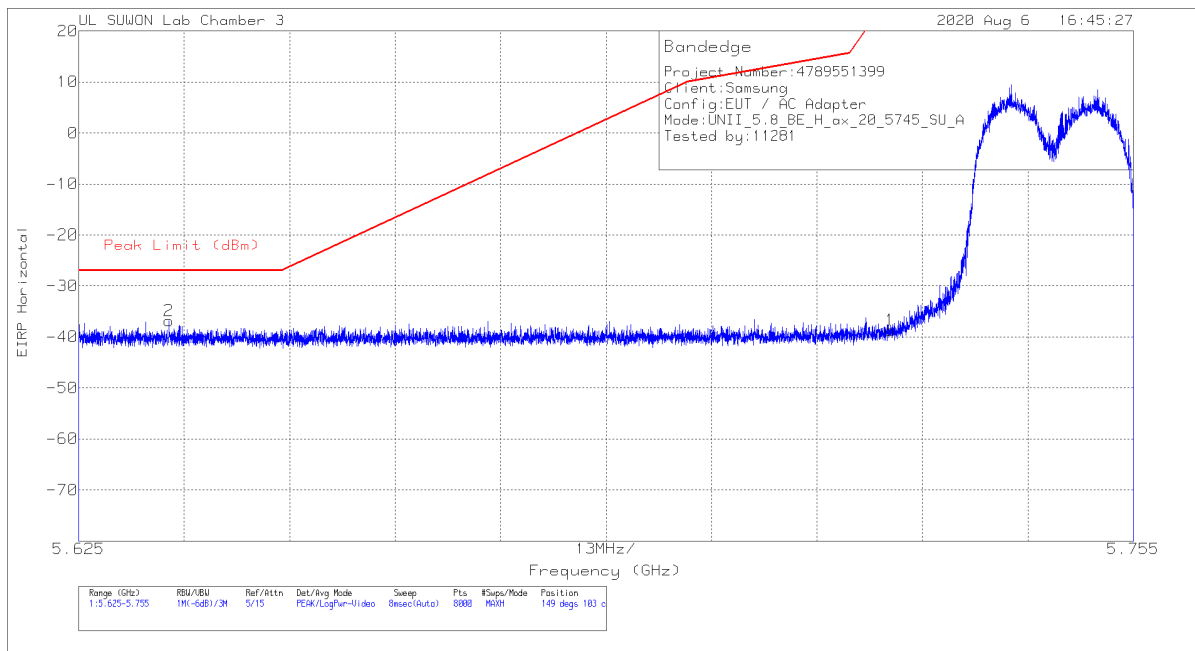
Frequency (GHz)	Meter Reading (dBμV)	Det	3117_00205959	6GHz_HP[dB]	Corrected Reading (dBμV/m)	Avg Limit (dBμV/m)	Margin (dB)	Peak Limit (dBμV/m)	Margin (dB)	UNII Non-Restricted (dBμV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
8.5508	34.52	PK-U	36.3	-20.9	49.92	-	-	-	-	68.2	-18.28	0	100	H
* 11.40559	32.98	PK-U	38.5	-19.4	52.08	-	-	74	-21.92	-	-	0	100	H
17.10697	32.64	PK-U	41.6	-16	58.24	-	-	-	-	68.2	-9.96	0	100	H
8.5604	35.25	PK-U	36.3	-21	50.55	-	-	-	-	68.2	-17.65	0	100	V
* 11.39055	32.85	PK-U	38.4	-19.4	51.85	-	-	74	-22.15	-	-	0	100	V
17.08916	32.06	PK-U	41.6	-15.9	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

11.1.7.RESTRICTED BAND-EDGE_5.8GHz BAND LOW CHANNEL

HE20 SU mode (MIMO)

HORIZONTAL PEAK PLOT



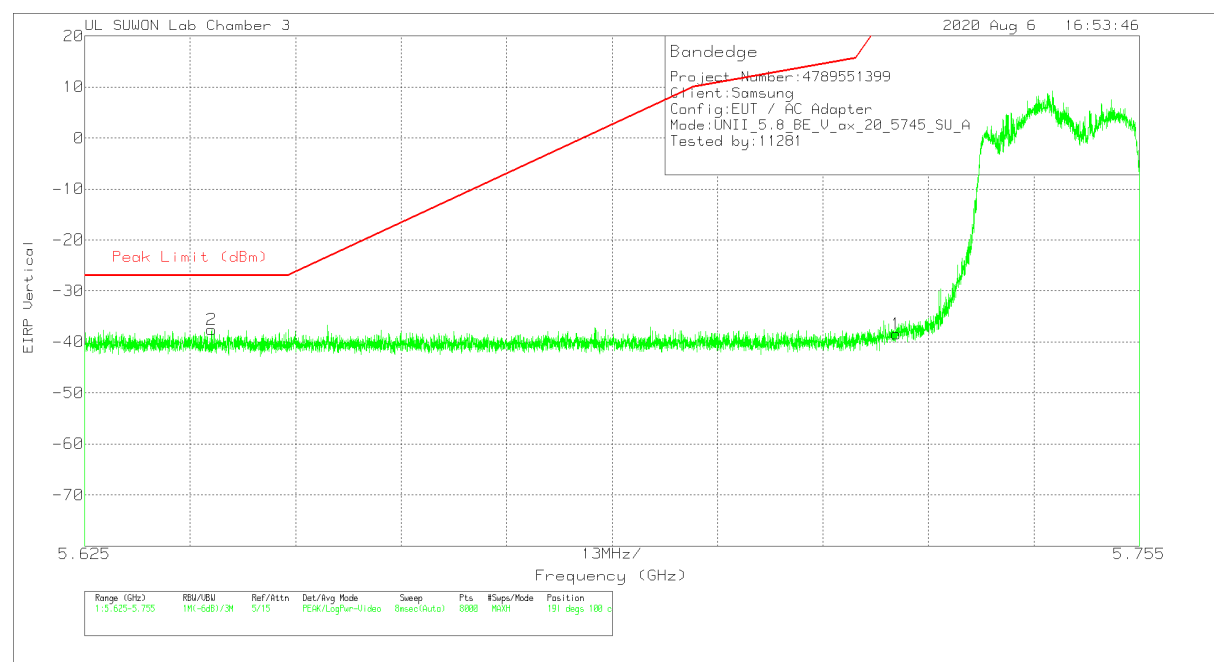
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB_ATT[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-67.8	Pk	34.8	-17.5	11.8	-38.7	27	-65.7	149	103	H
2	5.63613	-65.55	Pk	34.7	-17.8	11.8	-36.85	-27	-9.85	149	103	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

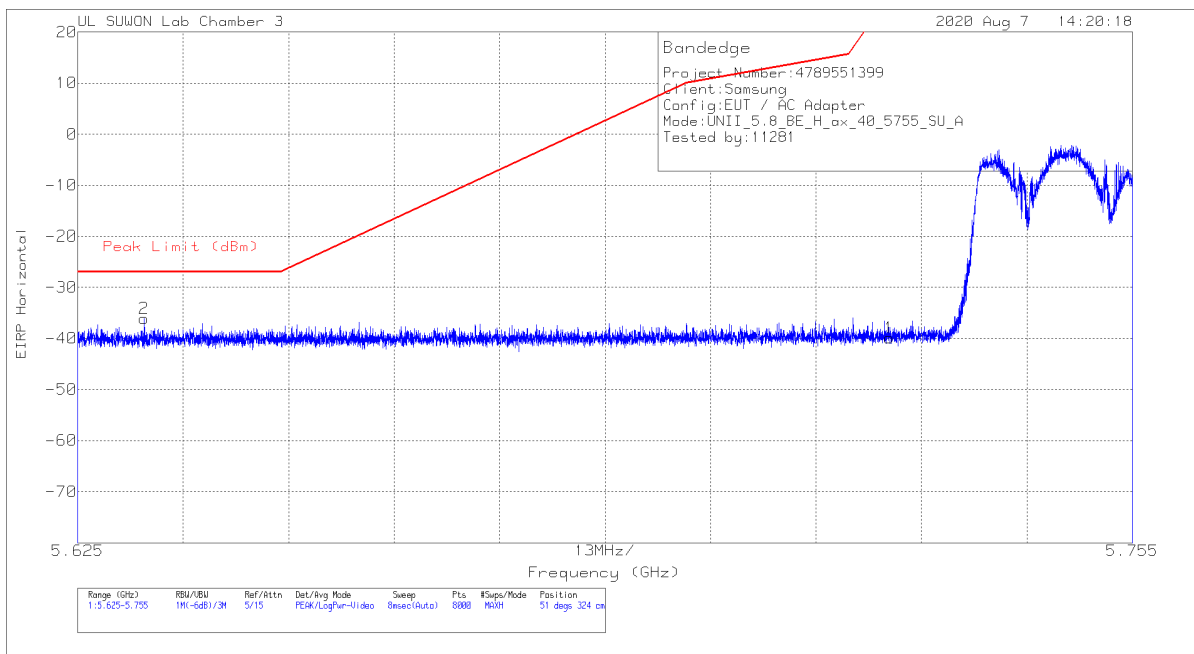
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB_ATT[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-67.49	Pk	34.8	-17.5	11.8	-38.39	27	-65.39	191	100	V
2	5.64063	-66.3	Pk	34.7	-17.8	11.8	-37.6	-27	-10.6	191	100	V

Pk - Peak detector

HE40 SU mode (MIMO)

HORIZONTAL PEAK PLOT



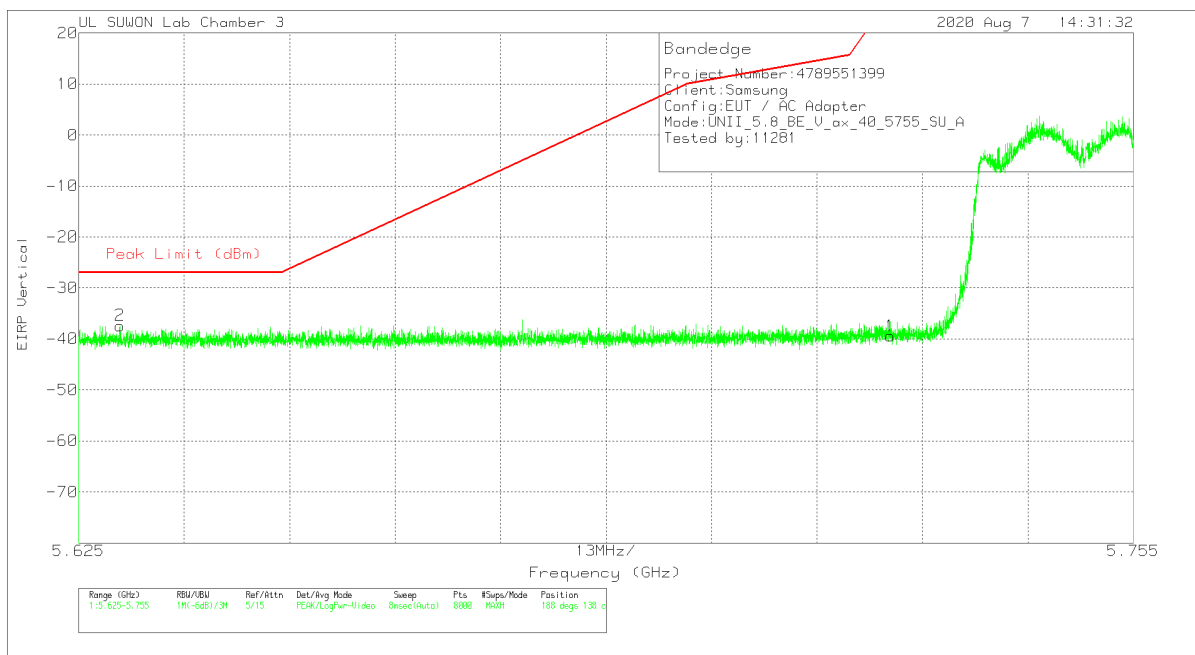
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB_ATT[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-68.98	Pk	34.8	-17.5	11.8	-39.88	27	-66.88	51	324	H
2	5.63317	-64.92	Pk	34.7	-17.7	11.8	-36.12	-27	-9.12	51	324	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

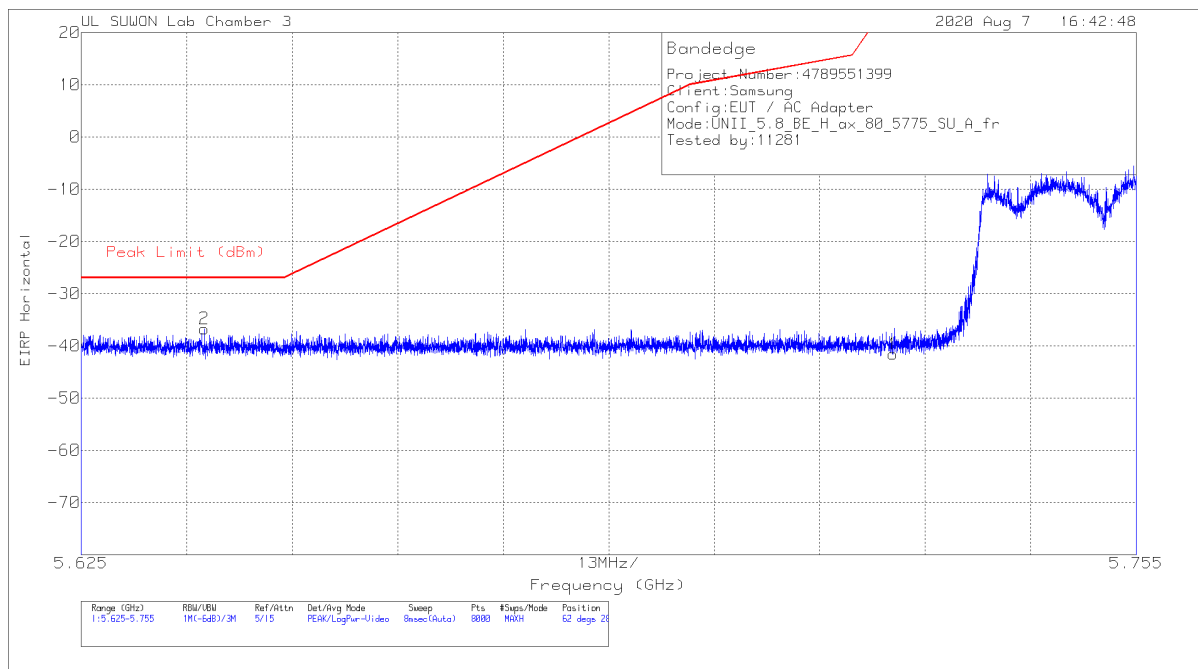
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB_ATT[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degr)	Height (cm)	Polarity
1	5.725	-68.52	Pk	34.8	-17.5	11.8	-39.42	27	-66.42	188	138	V
2	5.63005	-66.08	Pk	34.7	-17.8	11.8	-37.38	-27	-10.38	188	138	V

Pk - Peak detector

HE80 SU mode (MIMO)

HORIZONTAL PEAK PLOT



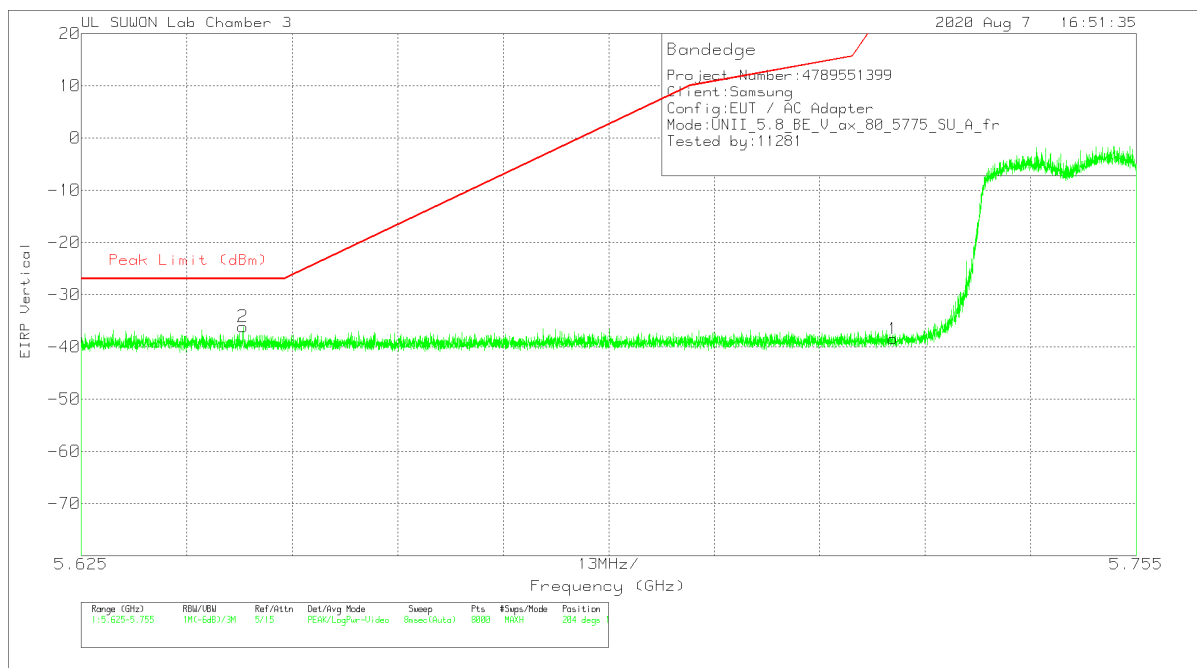
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB_ATT[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-70.67	Pk	34.8	-17.5	11.8	-41.57	27	-68.57	62	281	H
2	5.64016	-65.42	Pk	34.7	-17.8	11.8	-36.72	-27	-9.72	62	281	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

Trace Markers

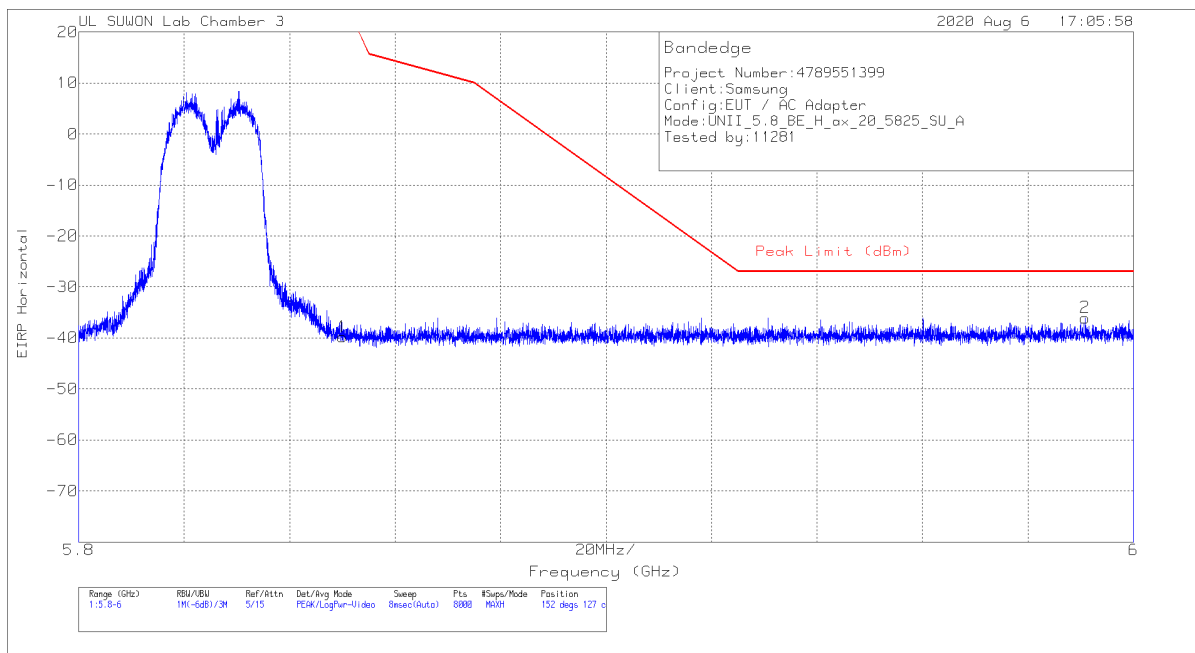
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB_ATT[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-67.57	Pk	34.8	-17.5	11.8	-38.47	27	-65.47	204	104	V
2	5.64493	-64.84	Pk	34.7	-17.8	11.8	-36.14	-27	-9.14	204	104	V

Pk - Peak detector

HIGH CHANNEL

HE20 SU mode (MIMO)

HORIZONTAL PEAK PLOT



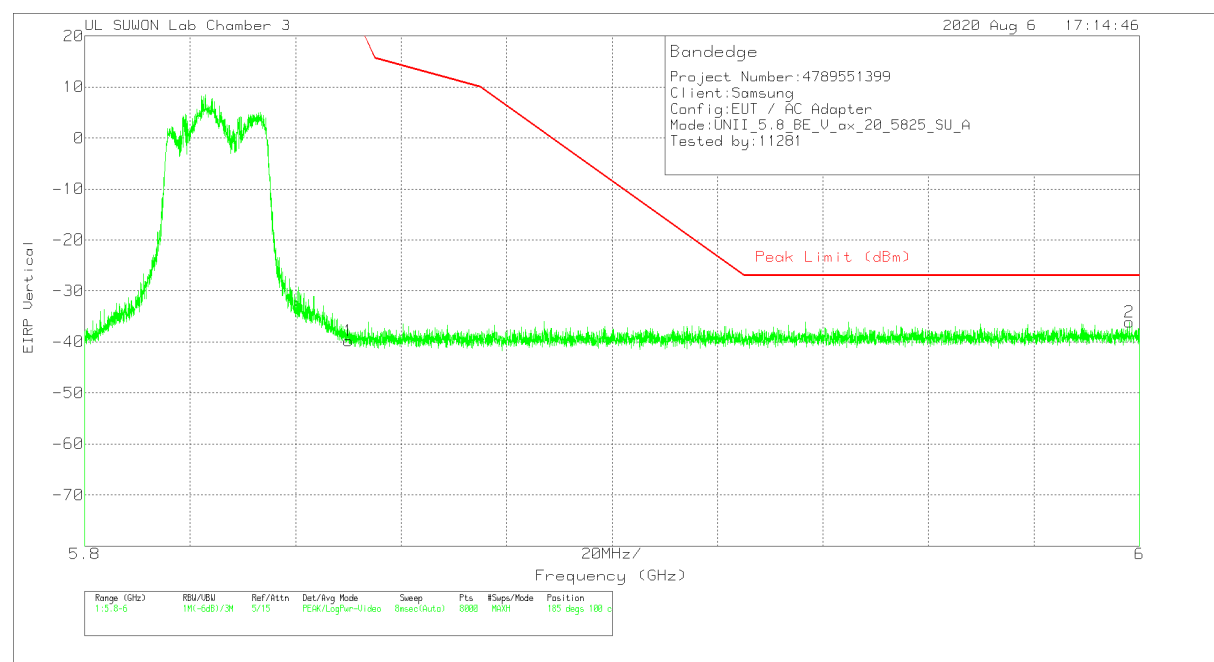
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB_ATT[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85001	-69.29	Pk	35	-17.3	11.8	-39.79	26.99	-66.78	152	127	H
2	5.9909	-65.63	Pk	35.1	-17.3	11.8	-36.03	-27	-9.03	152	127	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

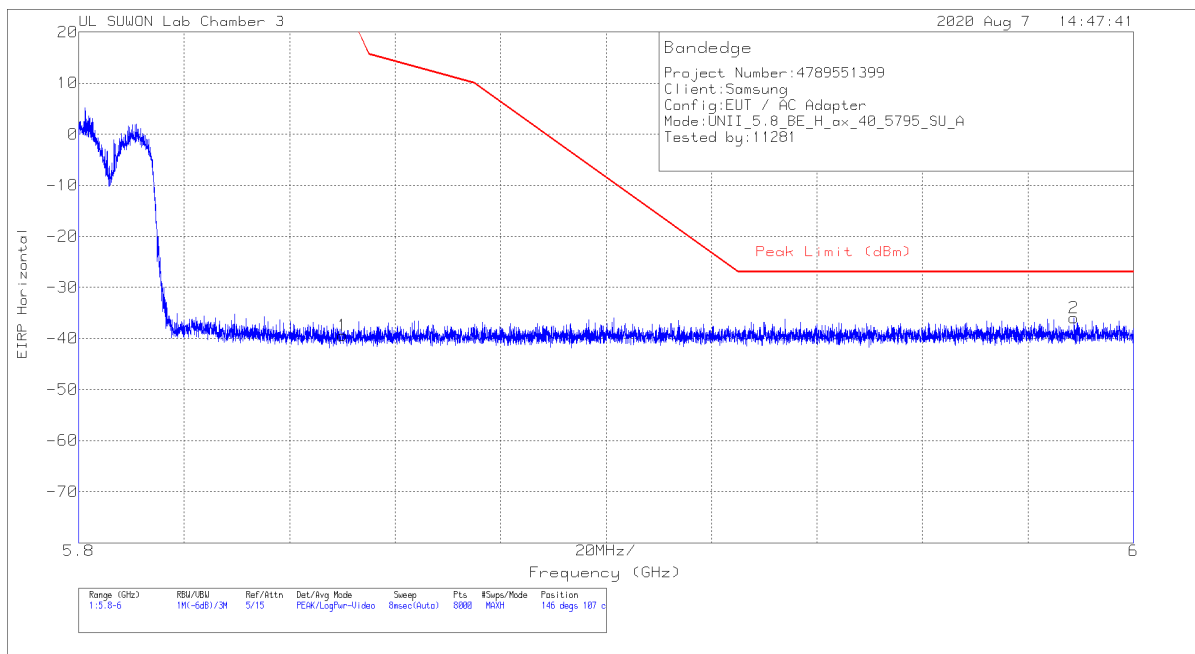
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB_ATT[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85001	-69.31	Pk	35	-17.3	11.8	-39.81	26.99	-66.8	185	100	V
2	5.99807	-65.76	Pk	35.1	-17.2	11.8	-36.06	-27	-9.06	185	100	V

Pk - Peak detector

HE40 SU mode (MIMO)

HORIZONTAL PEAK PLOT



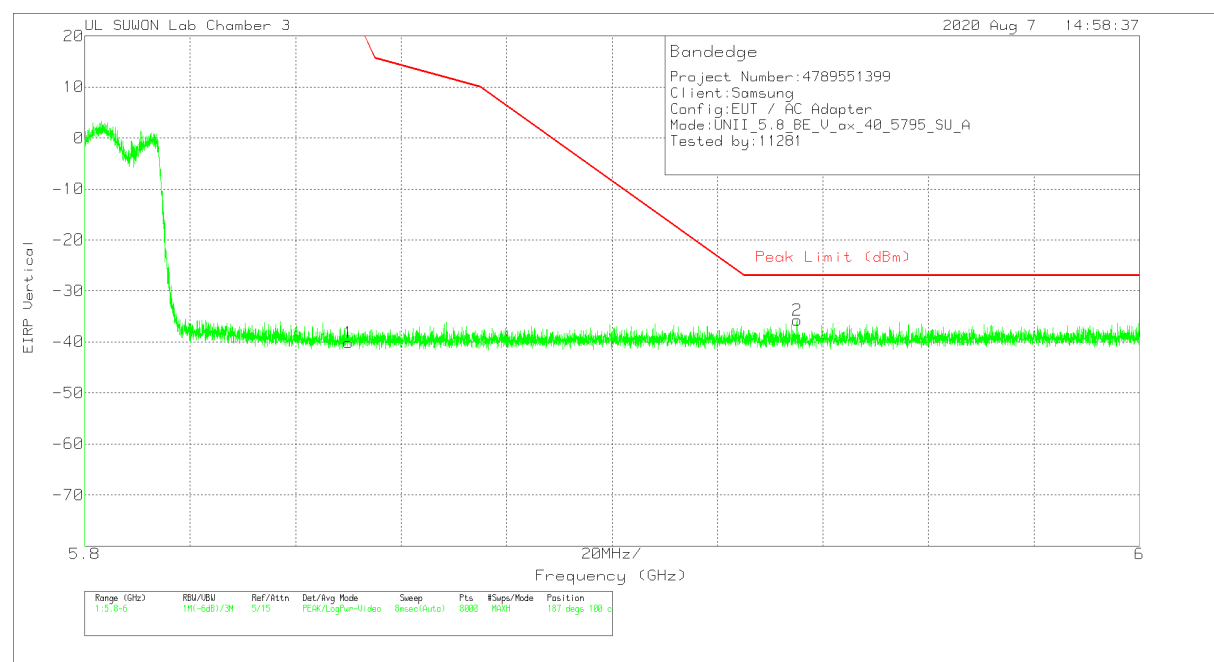
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB_ATT[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85001	-68.87	Pk	35	-17.3	11.8	-39.37	26.99	-66.36	146	107	H
2	5.9887	-65.63	Pk	35.1	-17.2	11.8	-35.93	-27	-8.93	146	107	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

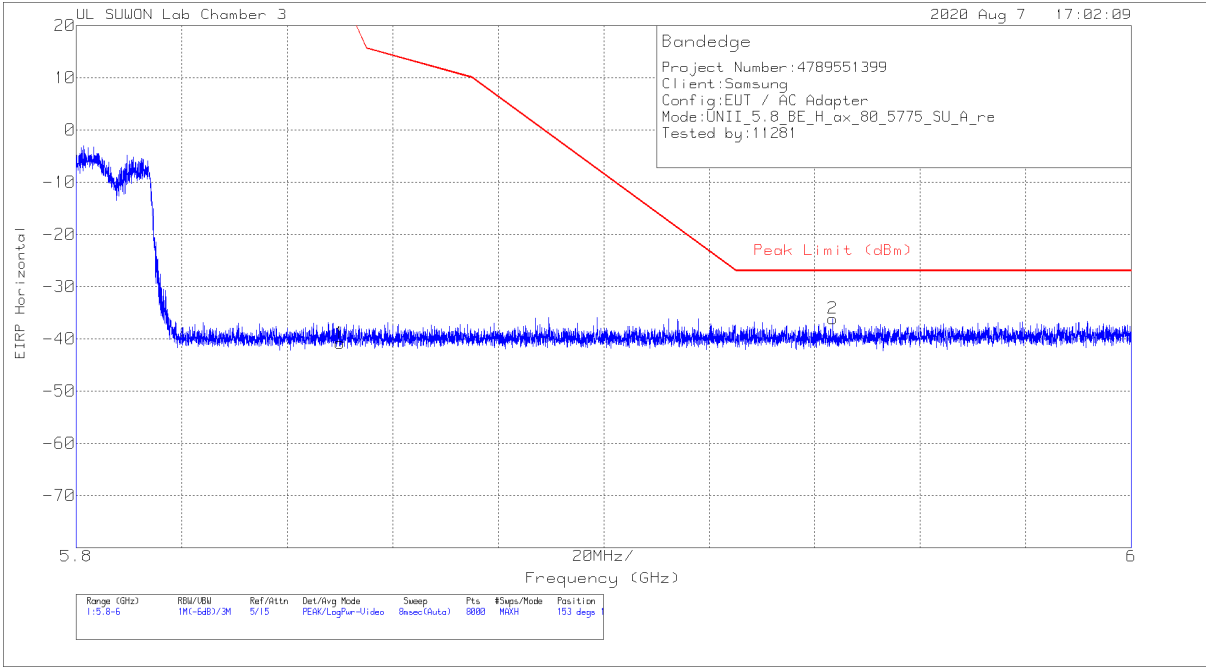
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB_ATT[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degr)	Height (cm)	Polarity
1	5.85001	-69.66	Pk	35	-17.3	11.8	-40.16	26.99	-67.15	187	100	V
2	5.93507	-65.34	Pk	35.1	-17.3	11.8	-35.74	-27	-8.74	187	100	V

Pk - Peak detector

HE80 SU mode (MIMO)

HORIZONTAL PEAK PLOT



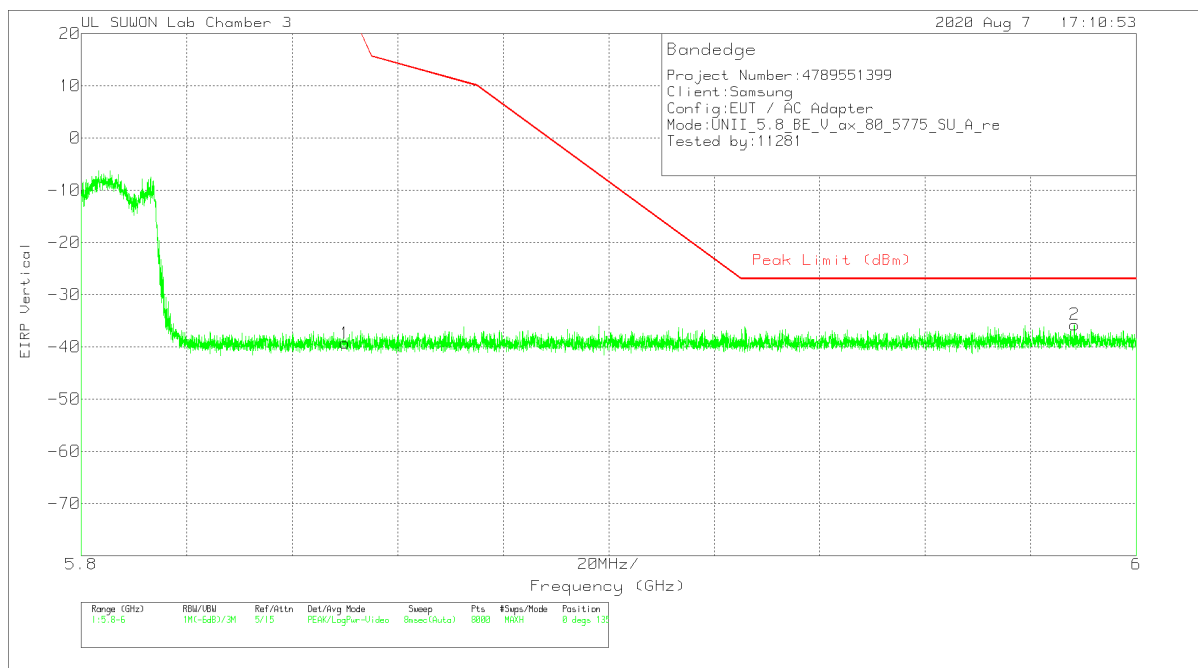
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB_ATT[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85001	-70.29	Pk	35	-17.3	11.8	-40.79	26.99	-67.78	153	109	H
2	5.94342	-65.71	Pk	35.1	-17.3	11.8	-36.11	-27	-9.11	153	109	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

Trace Markers

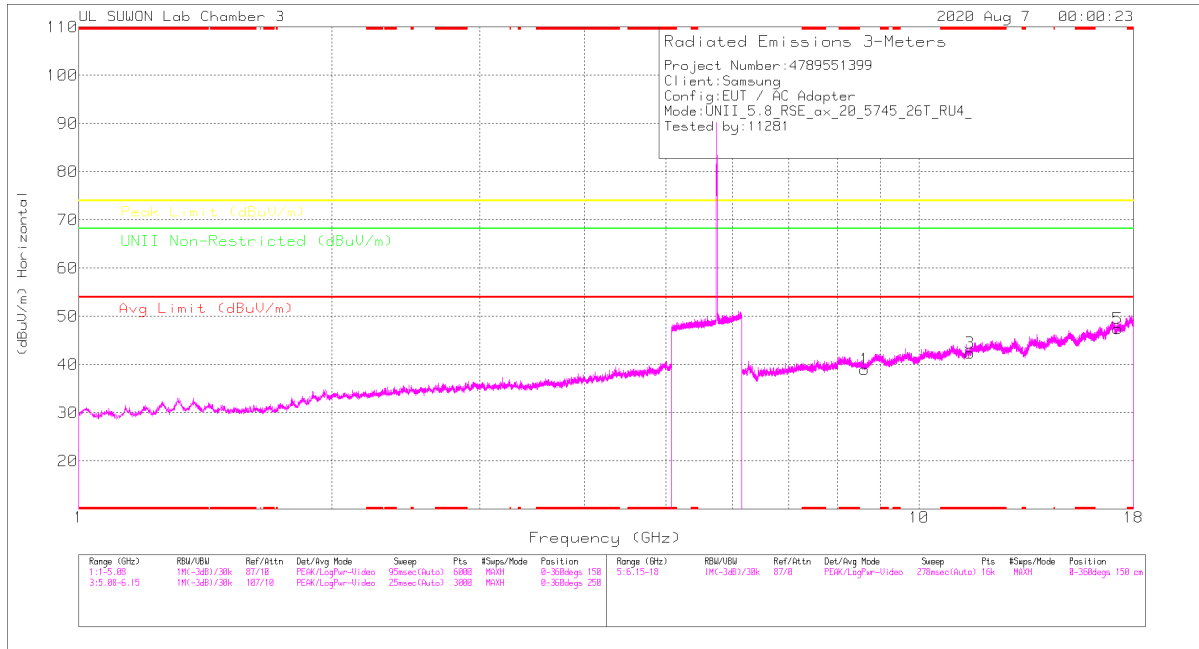
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB_ATT[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85001	-68.81	Pk	35	-17.3	11.8	-39.31	26.99	-66.3	0	135	V
2	5.98827	-65.45	Pk	35.1	-17.2	11.8	-35.75	-27	-8.75	0	135	V

Pk - Peak detector

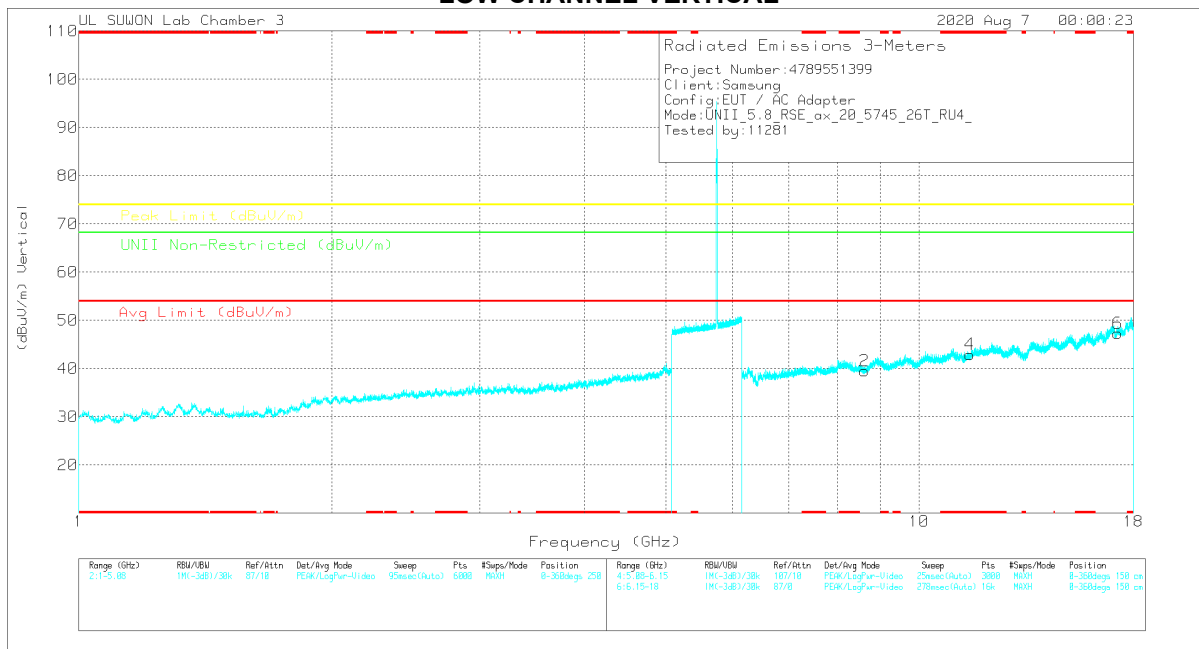
11.1.8. HARMONICS AND SPURIOUS EMISSIONS_5.8GHz BAND

HE20 RU mode (MIMO / 26T / Low: 4, Mid: 0, High: 4)

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

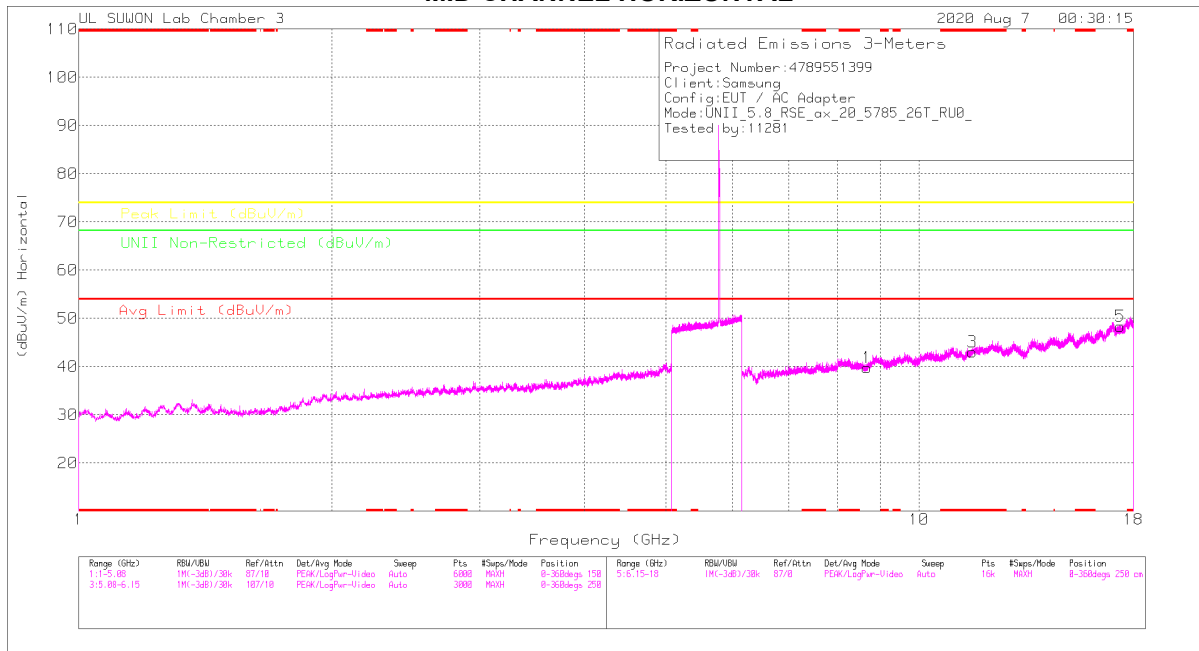
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	6GHz_HP[dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
8.627	34.56	PK-U	36.3	-21.1	49.78	-	-	-	-	68.2	-18.42	0	100	H
*11.48743	32.87	PK-U	38.5	-19.4	51.97	-	-	74	-22.03	-	-	0	100	H
17.22647	31.78	PK-U	41.3	-15.3	57.78	-	-	-	-	68.2	-10.42	0	100	H
8.62593	34.8	PK-U	36.3	-21.1	50	-	-	-	-	68.2	-18.2	0	100	V
*11.49847	33.07	PK-U	38.5	-19.4	52.17	-	-	74	-21.83	-	-	0	100	V
17.23851	31.8	PK-U	41.3	-15.1	58	-	-	-	-	68.2	-10.2	0	100	V

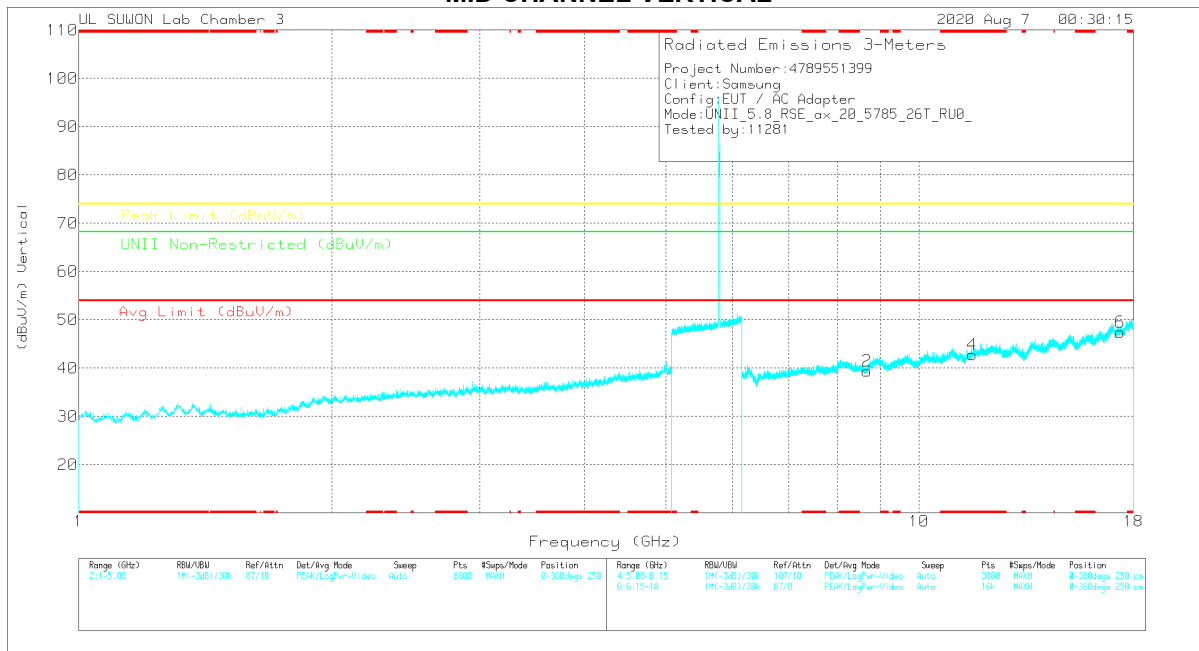
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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.

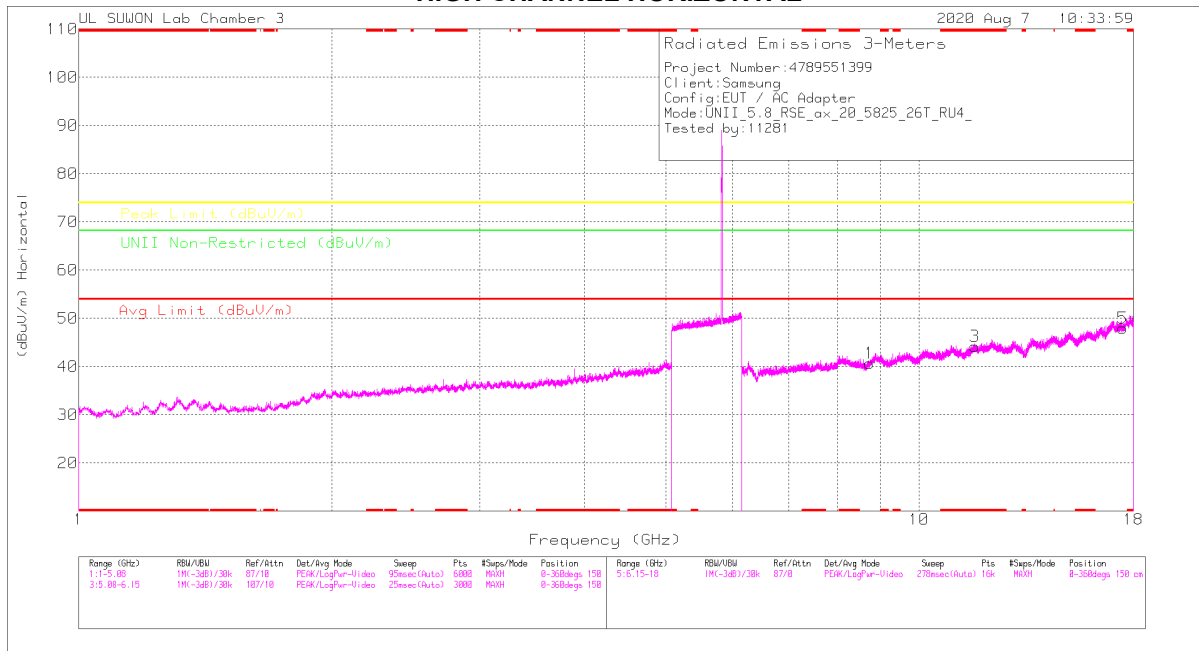
MID CHANNEL DATA

Radiated Emissions

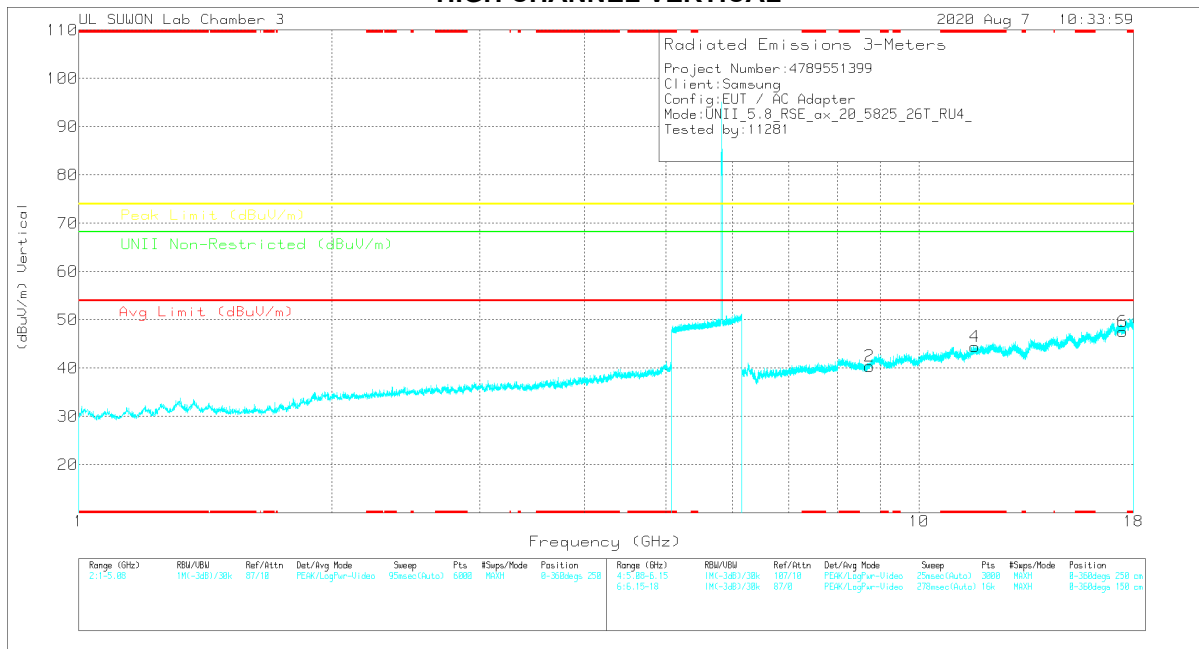
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	6GHz_HP[dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unfil Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
8.68509	34.66	PK-U	36.4	-21	50.06	-	-	-	-	68.2	-18.12	0	100	H
*11.57836	34.1	PK-U	38.6	-19.5	53.2	-	-	74	-20.8	-	-	0	100	H
17.35437	32.37	PK-U	41.2	-15.3	58.27	-	-	-	-	68.2	-9.93	0	100	H
8.68201	34.32	PK-U	36.4	-21	49.72	-	-	-	-	68.2	-18.48	0	100	V
*11.57781	34.21	PK-U	38.6	-19.6	53.21	-	-	74	-20.79	-	-	0	100	V
17.36036	31.73	PK-U	41.2	-15.2	57.73	-	-	-	-	68.2	-10.47	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 (Hz)	Meter Reading (dBμV)	Det	3117_00205959	6GHz_HP(dB)	Corrected Reading (dBμV/m)	Avg Limit (dBμV/m)	Margin (dB)	Peak Limit (dBμV/m)	Margin (dB)	UNII Non-Restricted (dBμV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
8.74375	35.2	PK-U	36.4	-20.7	50.9	-	-	-	-	68.2	-17.3	0	100	H
* 11.65684	34.73	PK-U	38.7	-19.4	54.03	-	-	74	-19.97	-	-	0	100	H
17.46465	31.89	PK-U	41.2	-14.9	58.19	-	-	-	-	68.2	-10.01	0	100	H
8.74708	34.72	PK-U	36.4	-20.8	50.32	-	-	-	-	68.2	-17.88	0	100	V
* 11.6498	35.11	PK-U	38.7	-19.4	54.41	-	-	74	-19.59	-	-	0	100	V
17.48038	32.1	PK-U	41.2	-14.9	58.4	-	-	-	-	68.2	-9.8	0	100	V

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

11.2. Spurious Emissions for Simultaneous Transmission

11.2.1. Worst test case RSDB condition

Case 1	2.4 GHz WLAN Antenna ALL	5GHz WLAN Antenna ALL
Mode	802.11b	802.11a
Channel	6	100
Frequency[MHz]	2437	5500
Data Rate	1Mbps	6Mbps
Axis (Worst)	X & Y	

11.2.2. Worst test case RSDB + Bluetooth condition

Case 2	Bluetooth Antenna 1	2.4 GHz WLAN Antenna 2	5GHz WLAN Antenna ALL
Mode	BDR	802.11b	802.11a
Channel	1	11	100
Frequency[MHz]	2403	2462	5500
Data Rate	1Mbps	1Mbps	6Mbps
Axis (Worst)	X & Y		

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.

11.2.3. Test Results

Please refer to the FCC Report UNII 802.11a_n_ac DFS WLAN (Report No.: 4789551399-E7)

12. WORST-CASE BELOW 1 GHz

SPURIOUS EMISSIONS 30 TO 1000 MHz

Note.

Please refer to the FCC Report UNII 802.11a_n_ac DFS WLAN (Report No.: 4789551399-E7)

13. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)
IC RSS-GEN Clause 8.8

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56 [*]	56 to 46 [*]
0.5-5	56	46
5-30	60	50

^{*} Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both NEUTRAL and HOT lines.

RESULTS

Note.

Please refer to the FCC Report UNII 802.11a_n_ac DFS WLAN (Report No.: 4789551399-E7)

END OF REPORT