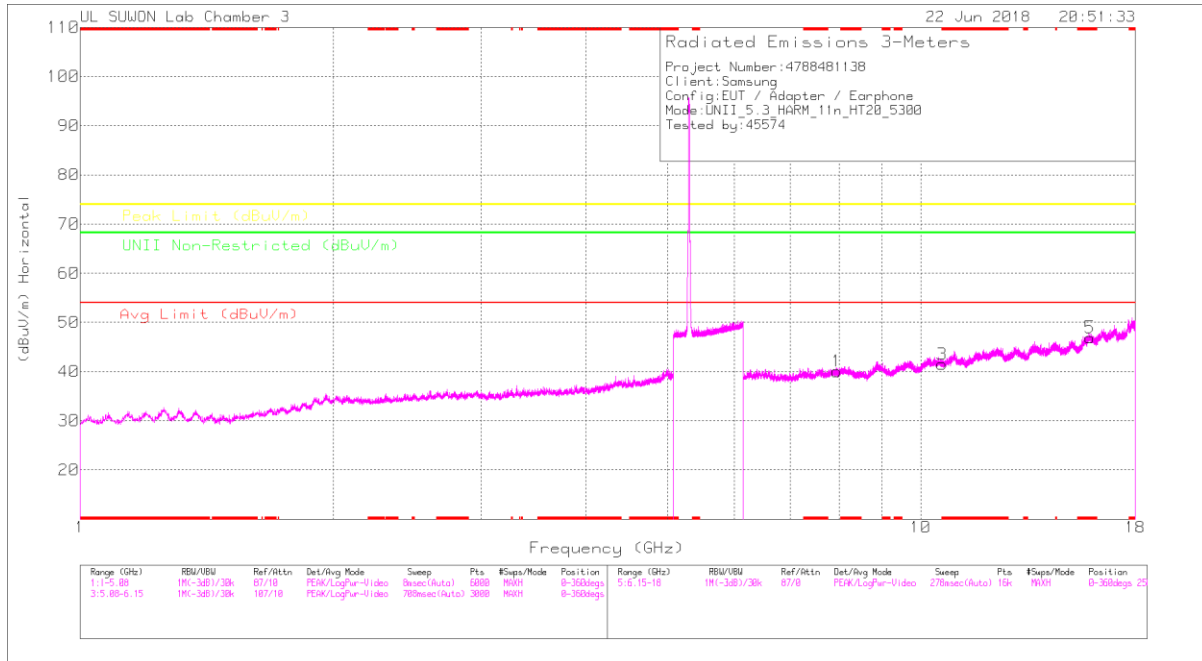
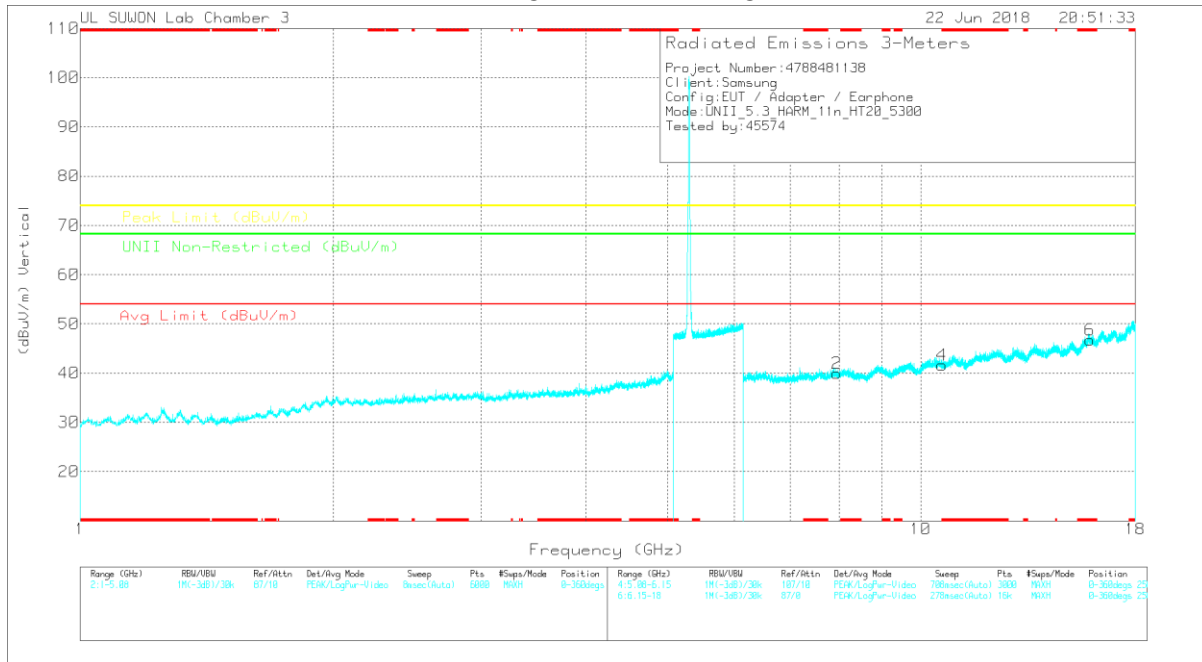


MID CHANNEL HORIZONTAL



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

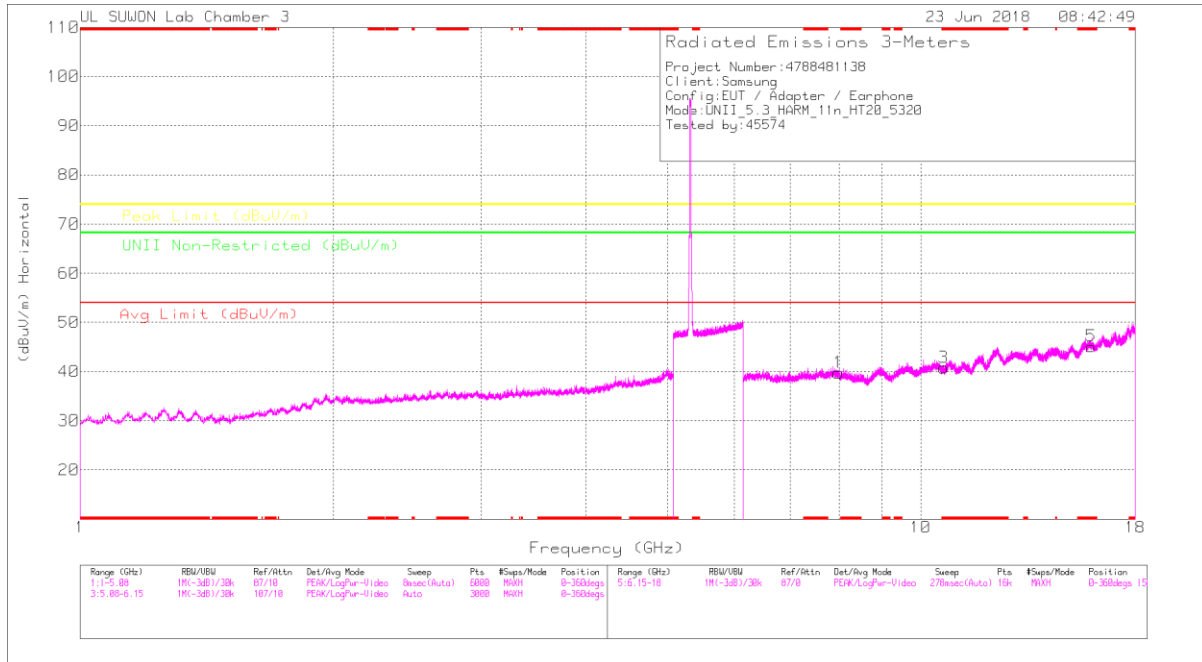
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00209959)	66Hz_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)	Asimuth (Degs)	Height (cm)	Polarity
1	7.949	26.85	PK	35.7	-22.5	0	40.05	-	-	-	-	68.2	-28.15	0-360	250	H
3	* 10.601	23.19	PK	37.7	-19.4	0	41.49	-	-	74	-32.51	-	-	0-360	250	H
5	* 15.902	24.28	PK	41	-18.4	0	46.88	-	-	74	-27.12	-	-	0-360	250	H
2	7.949	26.75	PK	35.7	-22.5	0	39.95	-	-	-	-	68.2	-28.25	0-360	149	V
4	* 10.601	23.33	PK	37.7	-19.4	0	41.63	-	-	74	-32.37	-	-	0-360	149	V
6	* 15.902	24.1	PK	41	-18.4	0	46.7	-	-	74	-27.3	-	-	0-360	250	V

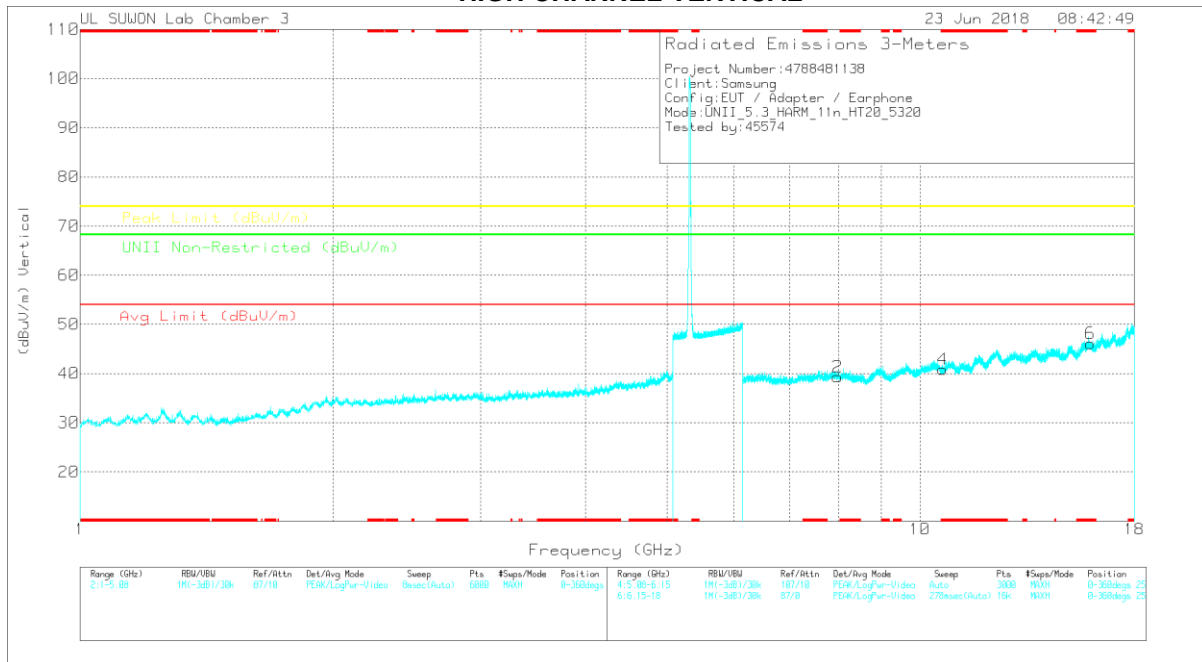
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

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

Trace Markers

Marker	Frequency (GHz)	Major Reading (dBuV)	Det	3117(0020995)	60Hz_HF[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.98	26.79	PK	35.7	-22.7	0	39.79	-	-	-	-	68.2	-28.41	0-360	150	H
3	* 10.641	22.5	PK	37.6	-19.3	0	40.8	-	-	74	-33.2	-	-	0-360	251	H
5	* 15.961	22.53	PK	41.1	-18.5	0	45.13	-	-	74	-28.87	-	-	0-360	150	H
2	7.98	26.32	PK	35.7	-22.7	0	39.32	-	-	-	-	68.2	-28.88	0-360	251	V
4	* 10.64	22.55	PK	37.6	-19.3	0	40.85	-	-	74	-33.15	-	-	0-360	149	V
6	* 15.961	23.51	PK	41.1	-18.5	0	46.11	-	-	74	-27.89	-	-	0-360	149	V

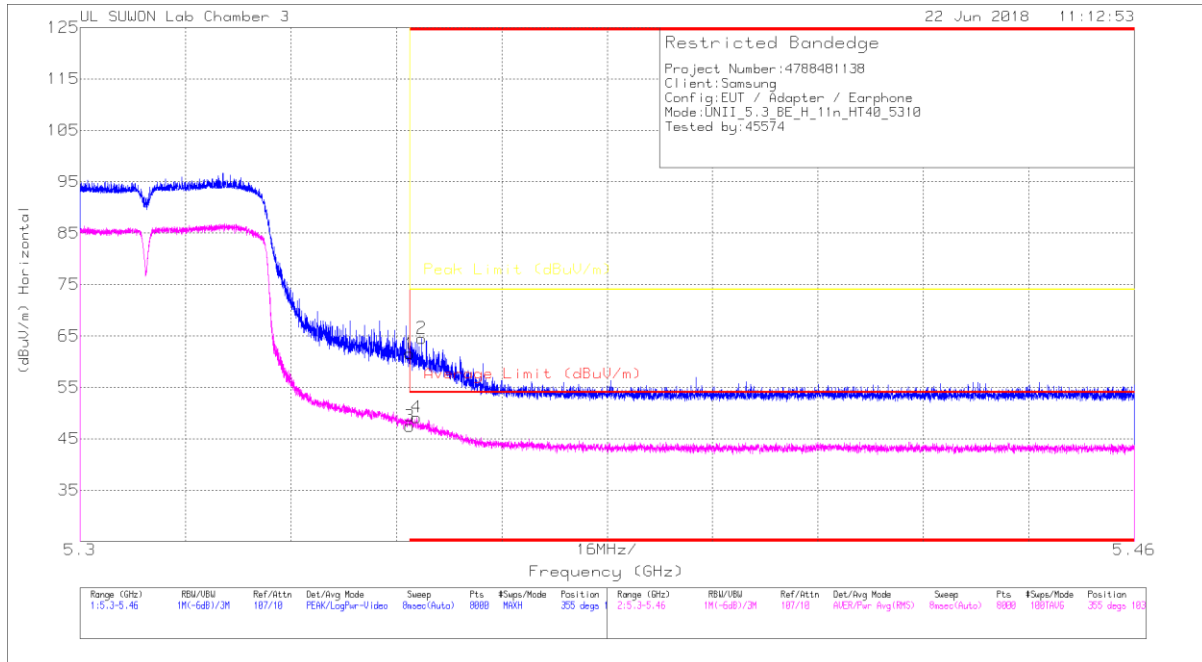
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

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

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

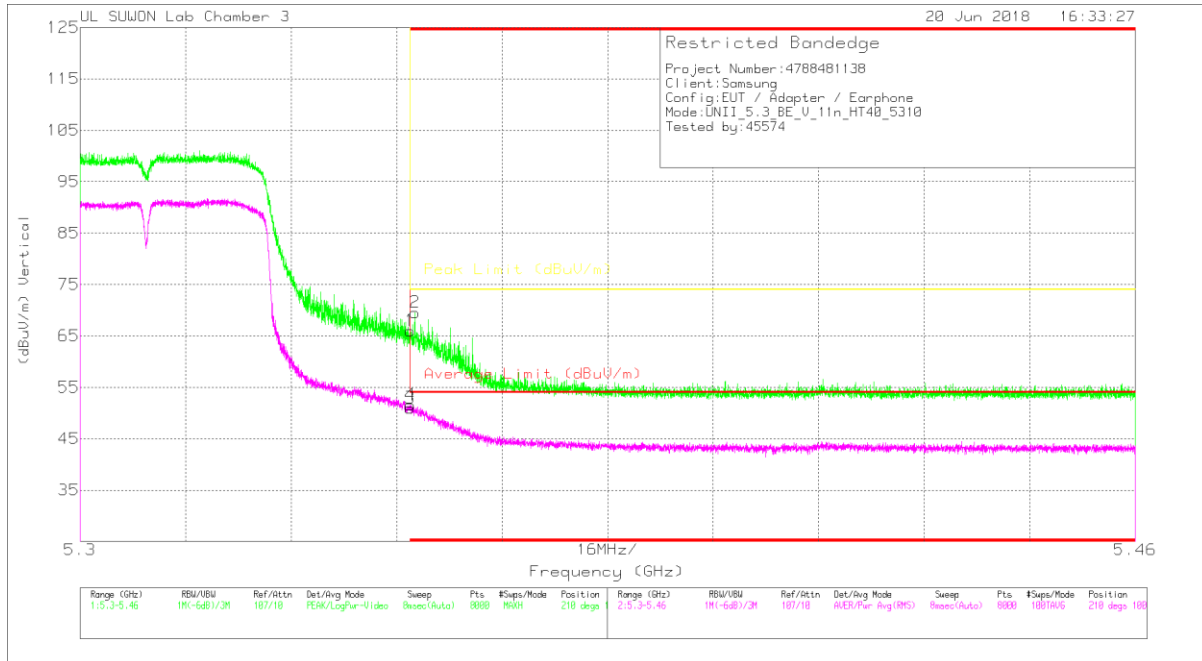
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00205959)	10dB_ATT(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	45.85	PK	34.4	-18.7	0	61.55	-	-	74	-12.45	355	103	H
2	* 5.352	48.83	PK	34.4	-18.7	0	64.53	-	-	74	-9.47	355	103	H
3	* 5.35	31.89	RMS	34.4	-19	.17	47.46	54	-6.54	-	-	355	103	H
4	* 5.351	33.59	RMS	34.4	-19	.17	49.16	54	-4.84	-	-	355	103	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00205959)	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	* 5.35	50.29	Pk	34.4	-18.7	0	65.99	-	-	74	-8.01	210	100	V
2	* 5.351	53.76	Pk	34.4	-18.6	0	69.56	-	-	74	-4.44	210	100	V
3	* 5.35	35.4	RMS	34.4	-19	.17	50.97	54	-3.03	-	-	210	100	V
4	* 5.35	36	RMS	34.4	-19	.17	51.57	54	-2.43	-	-	210	100	V

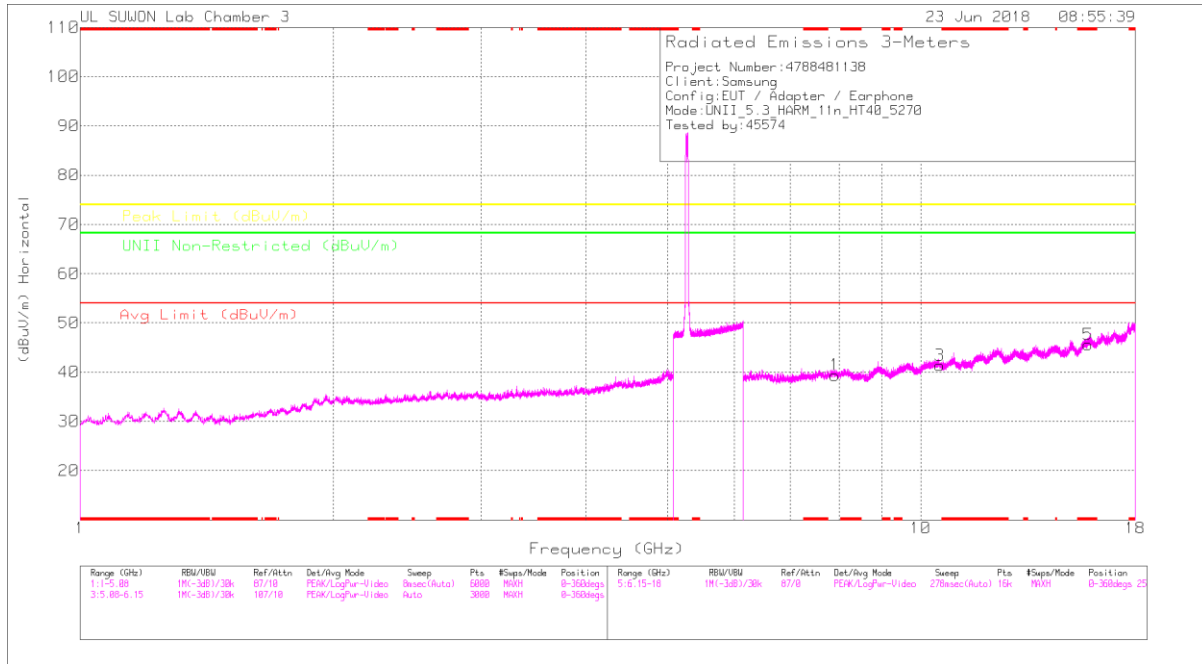
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

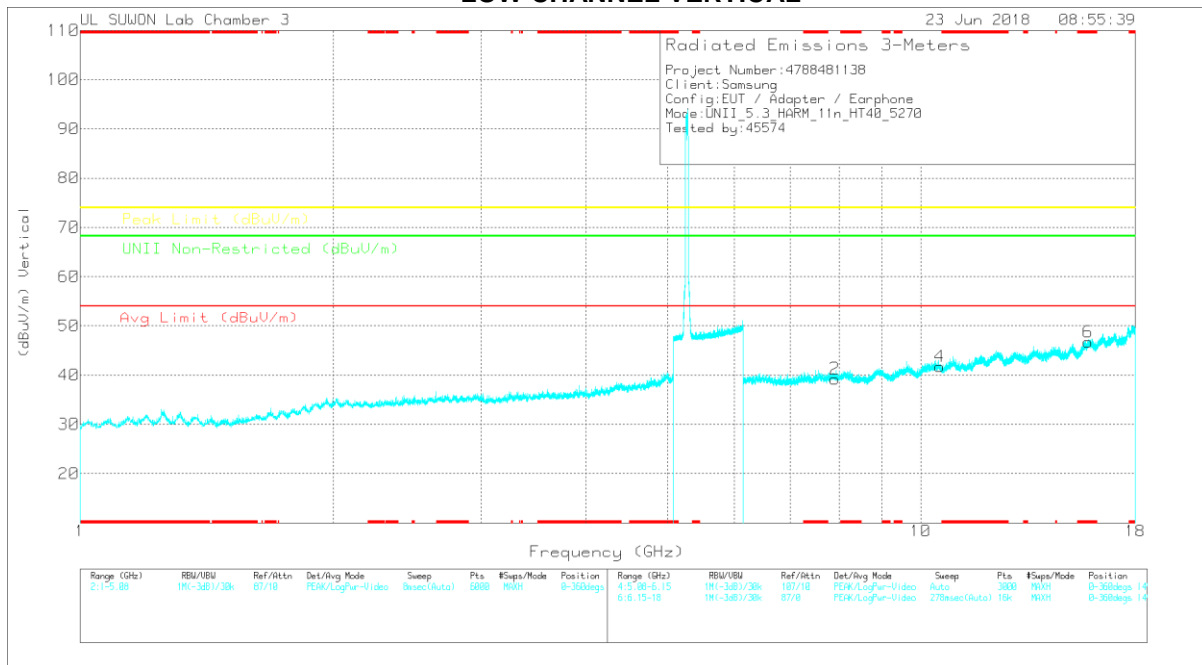
RMS - RMS detection

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

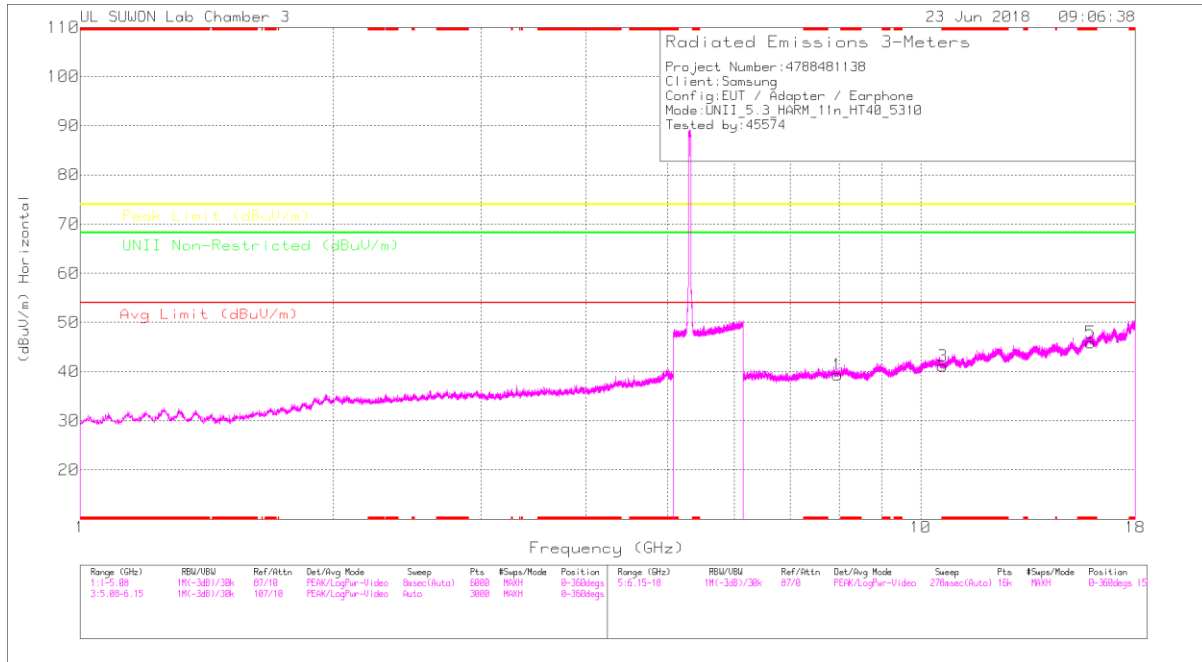
Trace Markers

Marker	Frequency (GHz)	Major Reading (dBuV)	Det	3117(0020995)	66Hz_HF[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.905	26.18	PK	35.7	-22.5	0	39.38	-	-	-	-	68.2	-28.82	0-360	150	H
3	10.541	22.97	PK	37.7	-19.3	0	41.37	-	-	-	-	68.2	-26.83	0-360	150	H
5	* 15.811	23.67	PK	40.7	-18.8	0	45.57	-	-	74	-28.43	-	-	0-360	251	H
2	7.905	26.02	PK	35.7	-22.5	0	39.22	-	-	-	-	68.2	-28.98	0-360	250	V
4	10.541	23.34	PK	37.7	-19.3	0	41.74	-	-	-	-	68.2	-26.46	0-360	250	V
6	* 15.811	24.81	PK	40.7	-18.8	0	46.71	-	-	74	-27.29	-	-	0-360	250	V

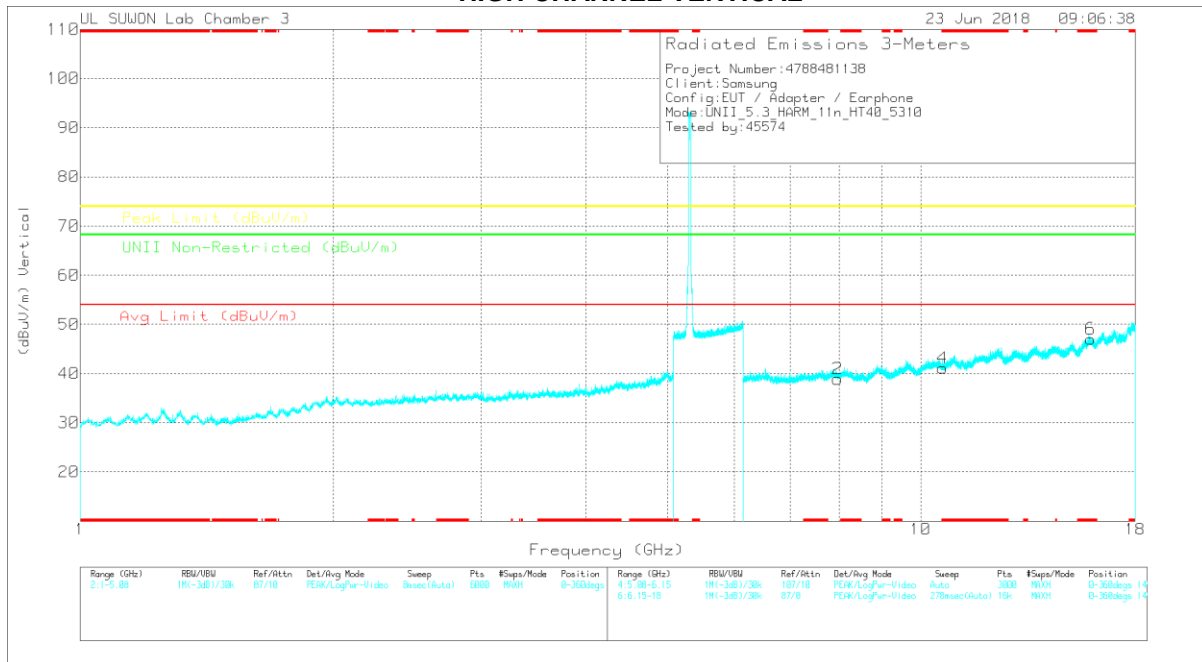
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

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

Trace Markers

Marker	Frequency (GHz)	Major Reading (dBuV)	Det	317(0020995)	66Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.965	26.31	PK	35.7	-22.7	0	39.31	-	-	-	-	68.2	-28.89	0-360	150	H
3	* 10.621	22.71	PK	37.7	-19.3	0	41.11	-	-	74	-32.89	-	-	0-360	150	H
5	* 15.931	23.29	PK	41	-18.4	0	45.89	-	-	74	-28.11	-	-	0-360	150	H
2	7.965	25.9	PK	35.7	-22.7	0	38.9	-	-	-	-	68.2	-29.3	0-360	250	V
4	* 10.621	22.71	PK	37.7	-19.3	0	41.11	-	-	74	-32.89	-	-	0-360	250	V
6	* 15.931	24.42	PK	41	-18.4	0	47.02	-	-	74	-26.98	-	-	0-360	149	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

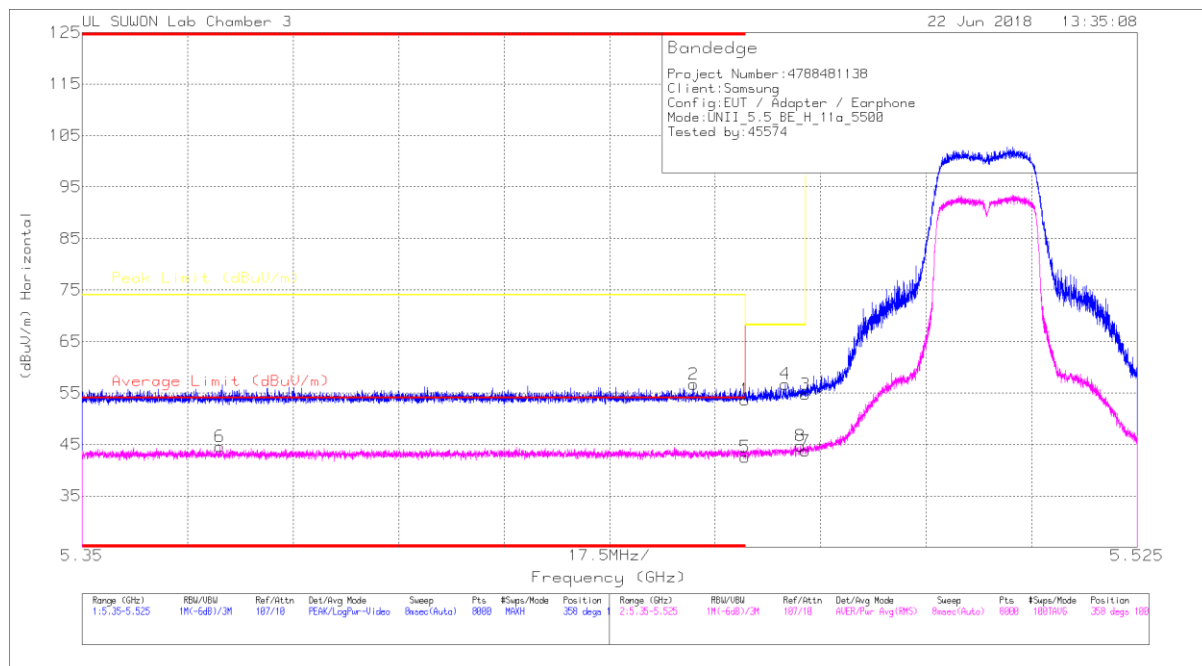
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

11.3. 5.5-5.6 GHz

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

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

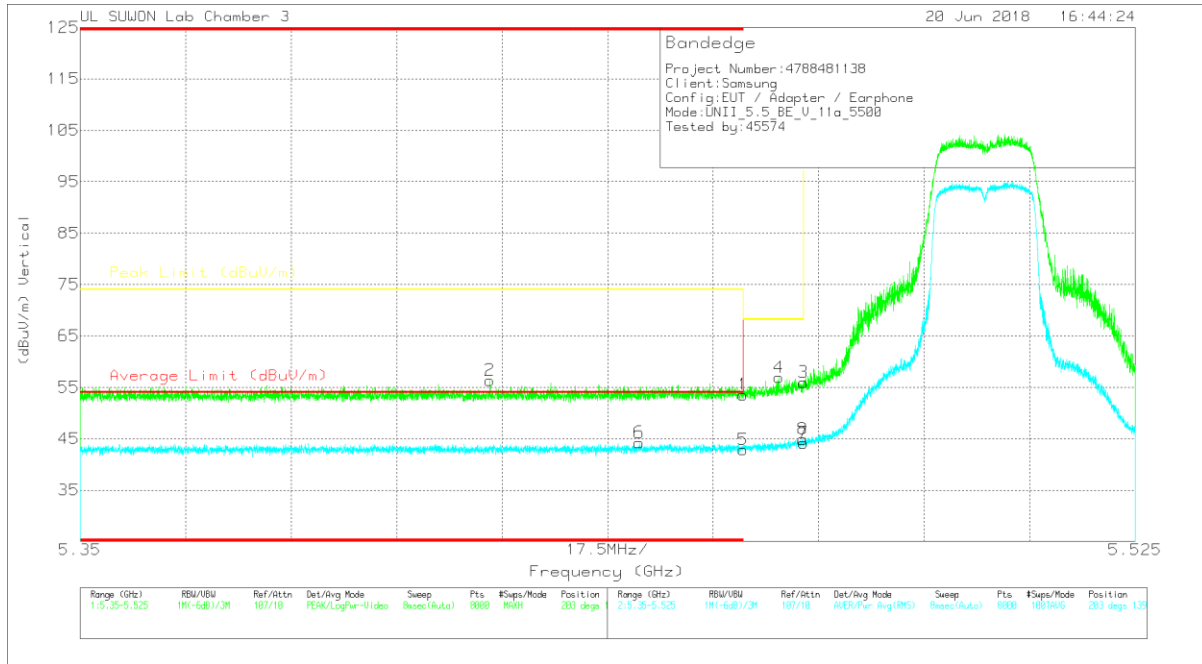
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00205959)	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.77	Pk	34.3	-18.4	0	53.67	-	-	74	-20.33	358	100	H
2	* 5.451	40.77	Pk	34.3	-18.4	0	56.67	-	-	74	-17.33	358	100	H
3	5.47	38.83	Pk	34.3	-18.4	0	54.73	-	-	68.2	-13.47	358	100	H
4	5.467	40.82	Pk	34.3	-18.4	0	56.72	-	-	68.2	-11.48	358	100	H
5	* 5.46	27.03	RMS	34.3	-18.8	0	42.53	54	-11.47	-	-	358	100	H
6	* 5.373	29.15	RMS	34.4	-19	0	44.55	54	-9.45	-	-	358	100	H
7	5.47	28.24	RMS	34.3	-18.8	0	43.74	-	-	-	-	358	100	H
8	5.469	29.2	RMS	34.3	-18.8	0	44.7	-	-	-	-	358	100	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0020599)	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	* 5.46	37.66	Pk	34.3	-18.4	0	53.56	-	-	74	-20.44	203	139	V
2	* 5.418	40.46	Pk	34.3	-18.4	0	56.36	-	-	74	-17.64	203	139	V
3	5.47	40.07	Pk	34.3	-18.4	0	55.97	-	-	68.2	-12.23	203	139	V
4	5.466	40.99	Pk	34.3	-18.4	0	56.89	-	-	68.2	-11.31	203	139	V
5	* 5.46	27.34	RMS	34.3	-18.8	0	42.84	54	-11.16	-	-	203	139	V
6	* 5.443	28.85	RMS	34.3	-18.9	0	44.25	54	-9.75	-	-	203	139	V
7	5.47	28.68	RMS	34.3	-18.8	0	44.18	-	-	-	-	203	139	V
8	5.47	29.41	RMS	34.3	-18.8	0	44.91	-	-	-	-	203	139	V

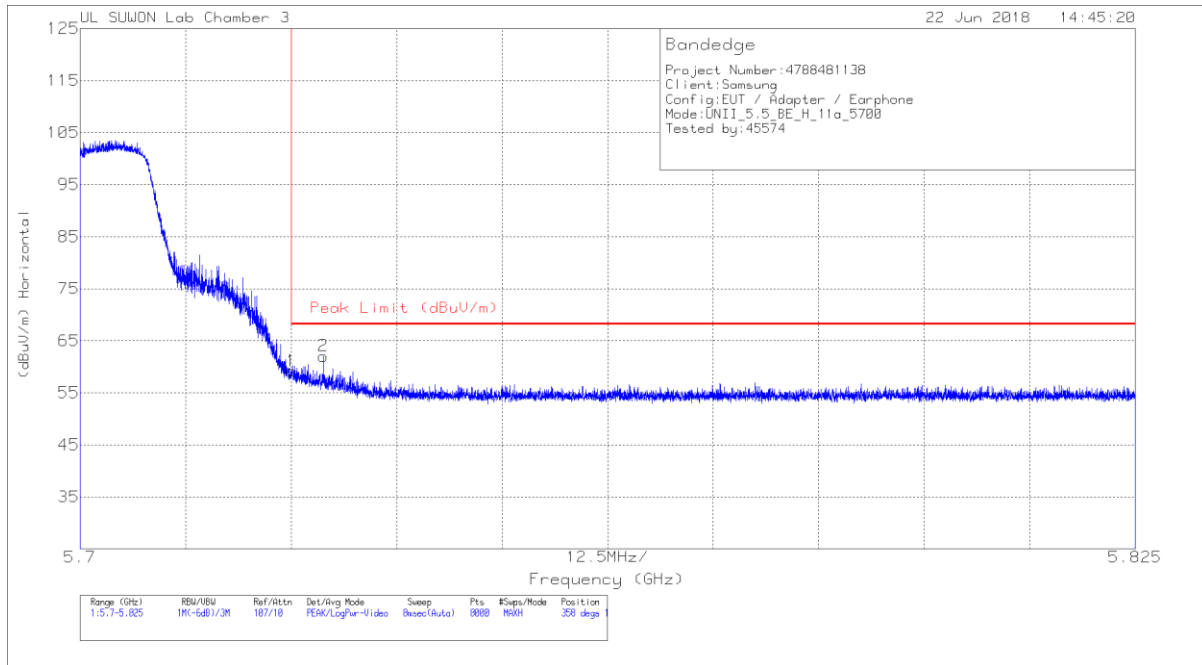
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



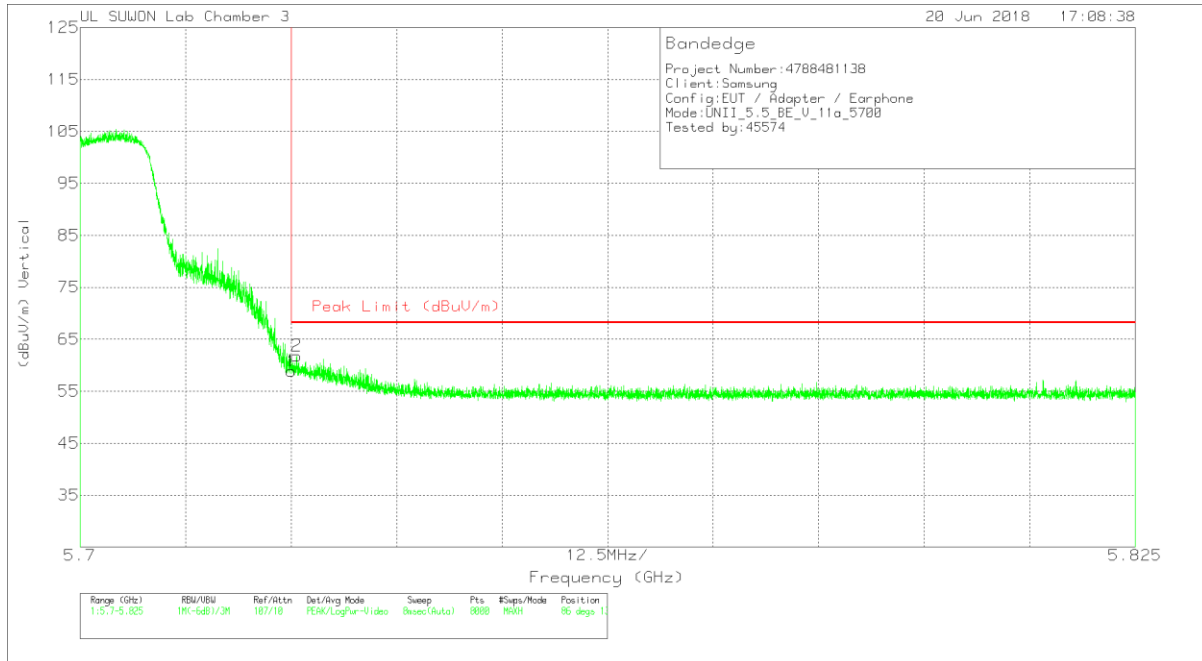
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117[00205959]	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.43	Pk	34.7	-17.9	0	59.23	68.2	-8.97	358	112	H
2	5.729	45.27	Pk	34.7	-17.9	0	62.07	68.2	-6.13	358	112	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

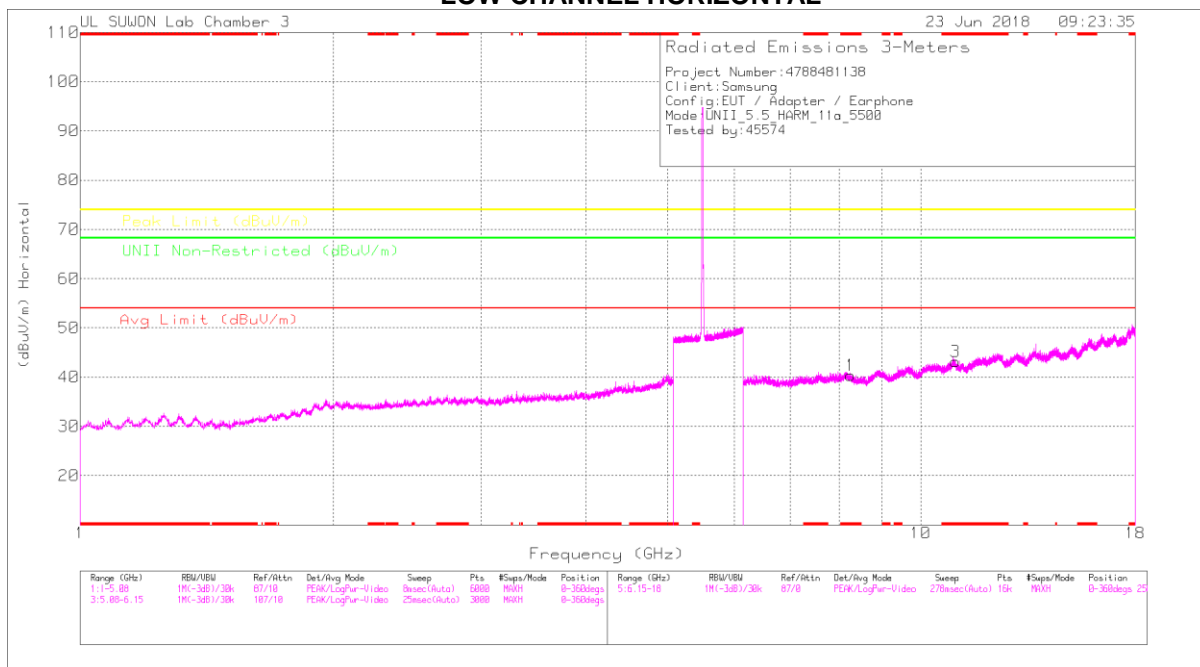
Trace Markers

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	42.05	Pk	34.7	-17.9	58.85	68.2	-9.35	86	131	V
2	5.726	45	Pk	34.7	-17.9	61.8	68.2	-6.4	86	131	V

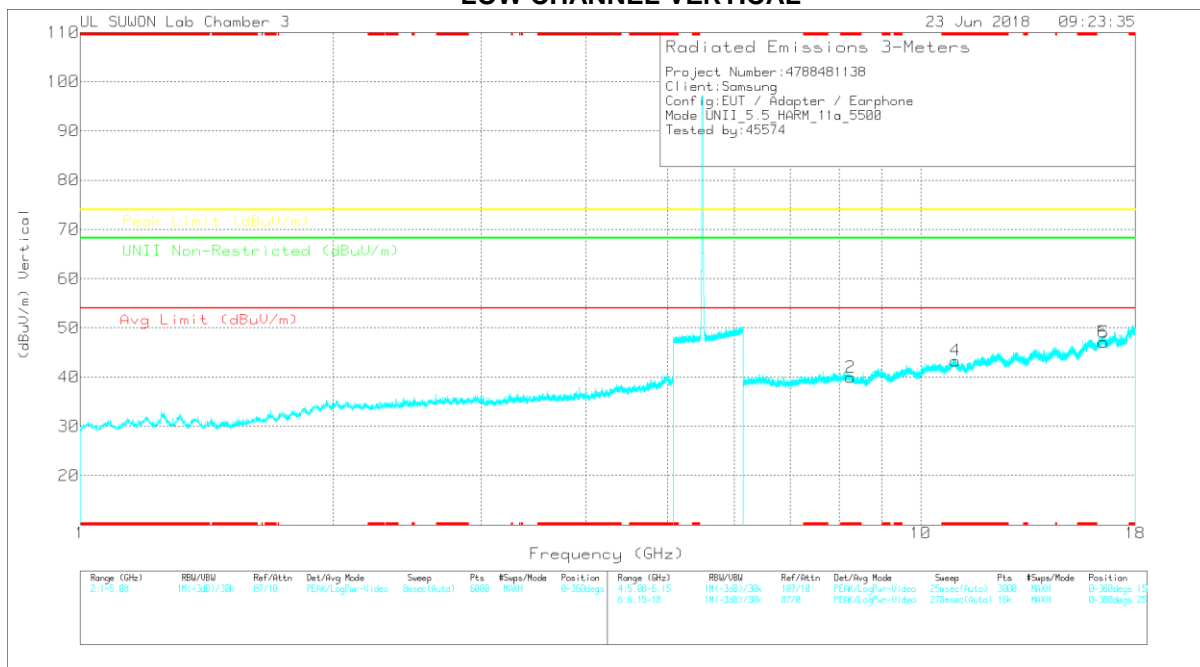
Pk - Peak detector

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

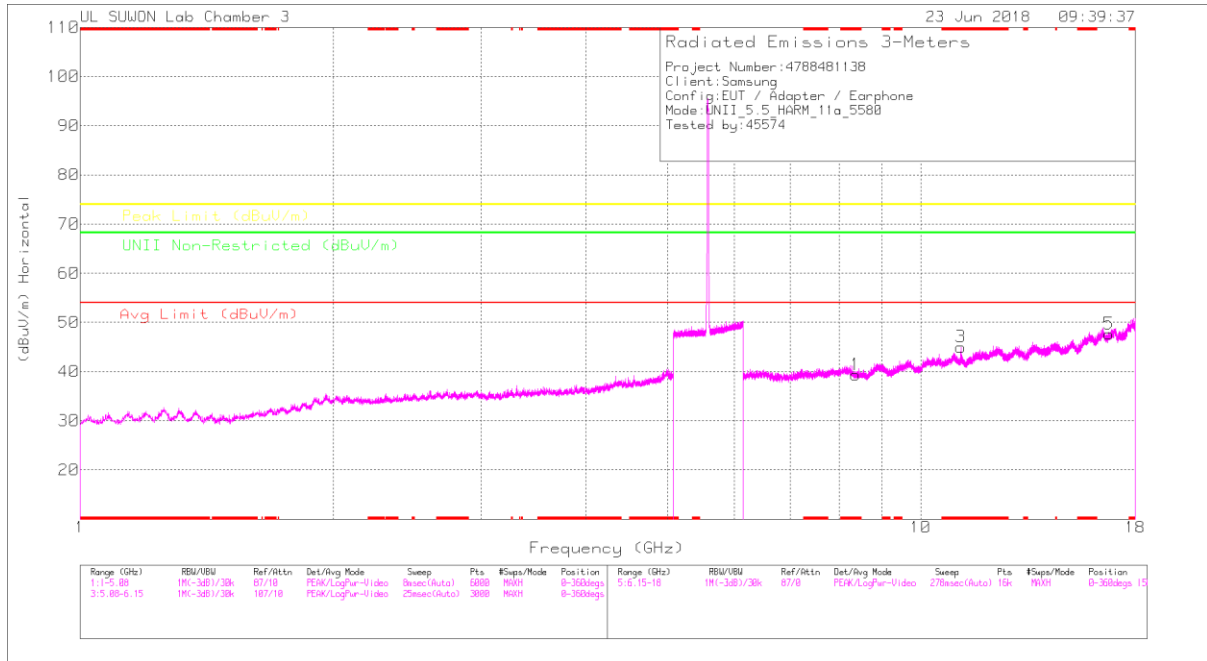
Trace Markers

Marker	Frequency (GHz)	Major Reading (dBuV)	Det	317(0020995)	66Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 8.251	26.42	PK	35.8	-21.9	0	40.32	-	-	74	-33.68	-	-	0-360	150	H
3	* 11.001	24.82	PK	37.8	-19.5	0	43.12	-	-	74	-30.88	-	-	0-360	150	H
2	* 8.25	26.04	PK	35.8	-21.9	0	39.94	-	-	74	-34.06	-	-	0-360	251	V
4	* 11.001	25.05	PK	37.8	-19.5	0	43.35	-	-	74	-30.65	-	-	0-360	251	V
5	16.5	23.08	PK	41.4	-17.4	0	47.08	-	-	-	-	68.2	-21.12	0-360	251	V
6	16.5	23.08	PK	41.4	-17.4	0	47.08	-	-	-	-	68.2	-21.12	0-360	251	V

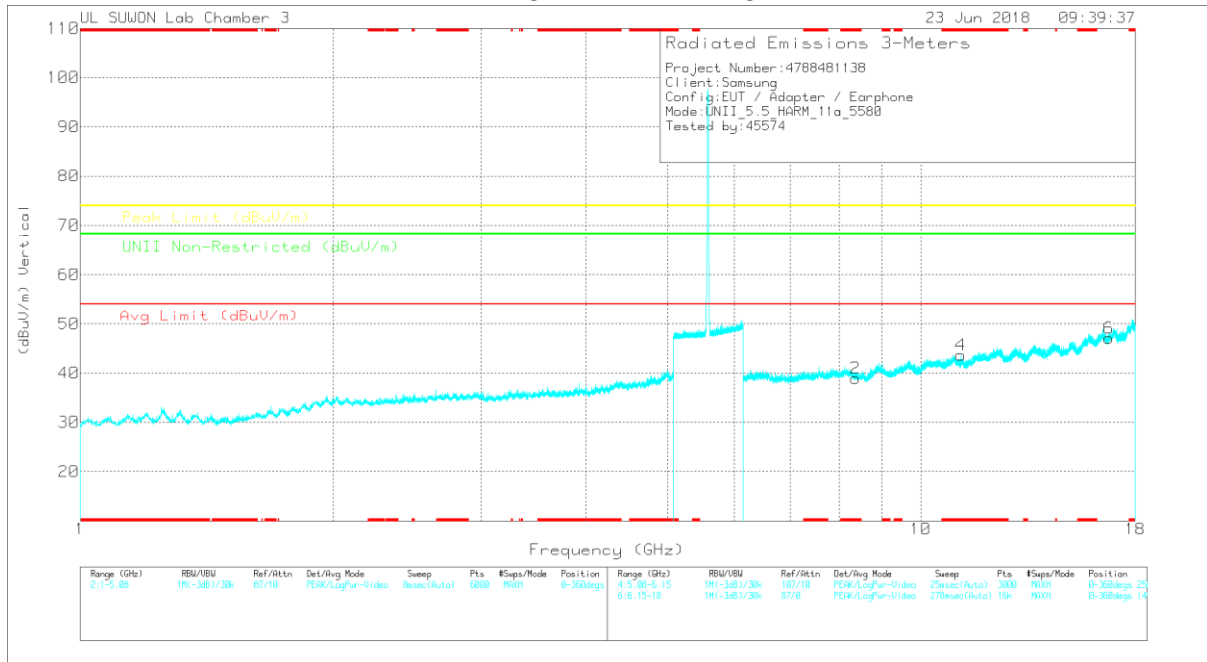
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

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

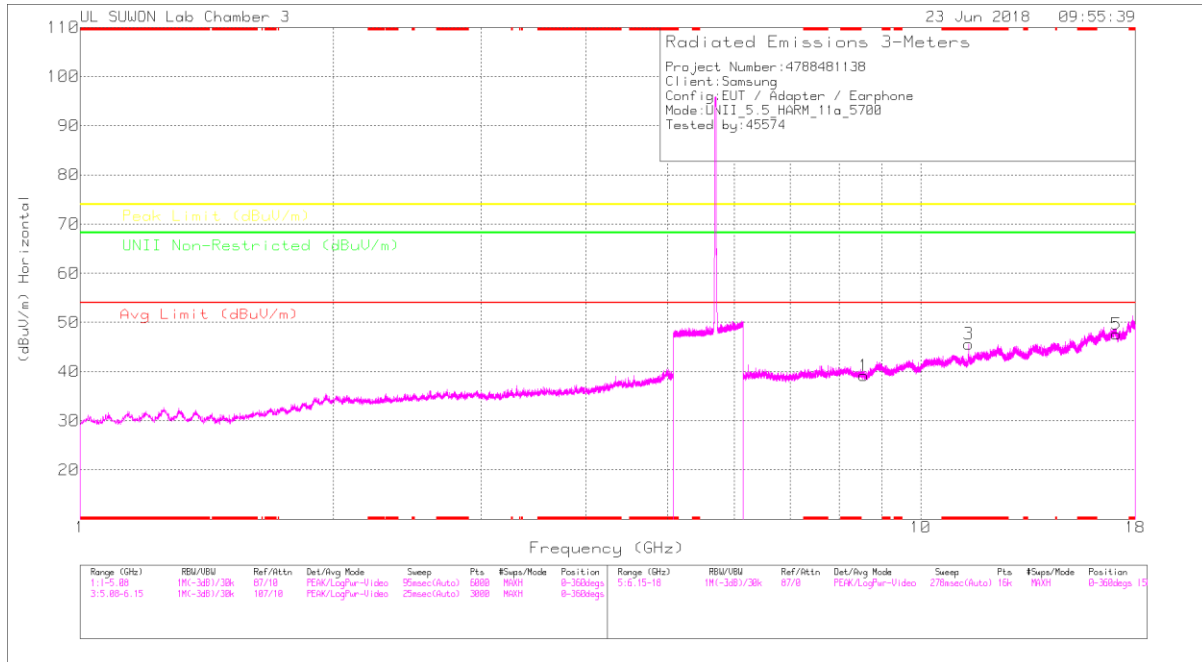
Trace Markers

Marker	Frequency (GHz)	Major Reading (dBuV)	Det	317(0020995)	66Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.371	25.45	PK	35.8	-21.9	0	39.35	-	-	74	-34.65	-	-	0-360	150	H
3	* 11.162	26.91	PK	37.9	-19.8	0	45.01	-	-	74	-28.99	-	-	0-360	250	H
5	16.74	23.17	PK	41.5	-17	0	47.67	-	-	-	-	68.2	-20.53	0-360	150	H
2	* 8.371	25.05	PK	35.8	-21.9	0	38.95	-	-	74	-35.05	-	-	0-360	250	V
4	* 11.163	25.55	PK	37.9	-19.8	0	43.65	-	-	74	-30.35	-	-	0-360	250	V
6	16.74	22.59	PK	41.5	-17	0	47.09	-	-	-	-	68.2	-21.11	0-360	250	V

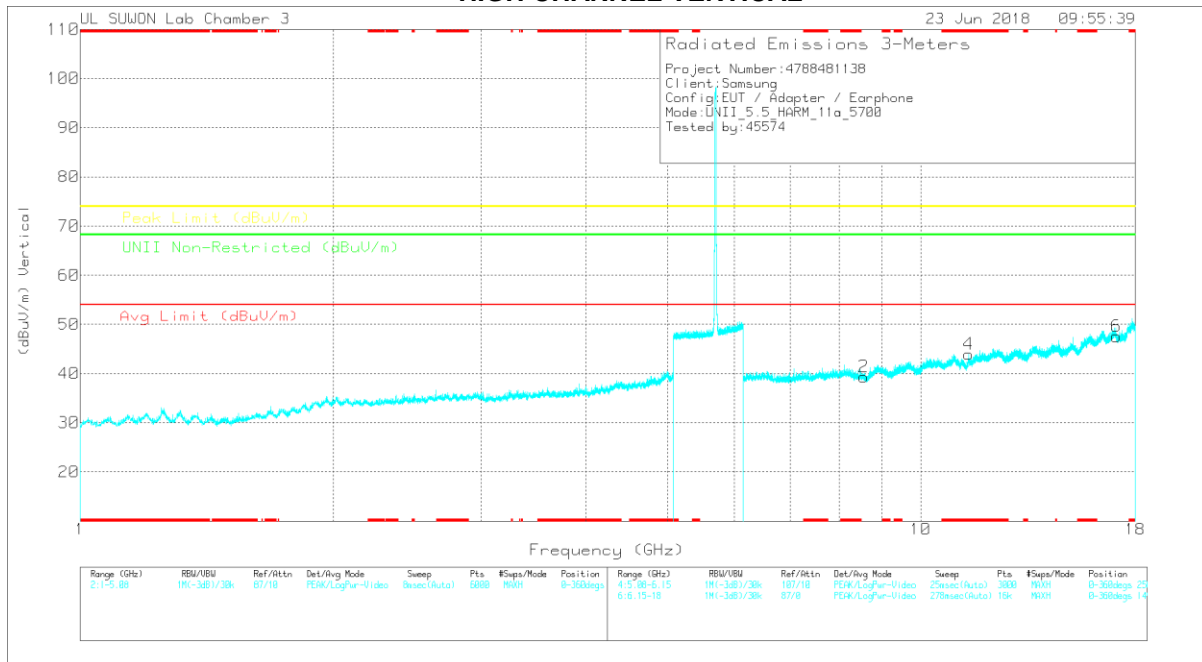
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

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

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0020959)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.551	24.59	PK	35.8	-21.2	0	39.19	-	-	-	-	68.2	-29.01	0-360	150	H
3	* 11.4	27.22	PK	38	-19.6	0	45.62	-	-	74	-28.38	-	-	0-360	250	H
5	17.1	22.51	PK	41	-15.9	0	47.61	-	-	-	-	68.2	-20.59	0-360	150	H
2	8.551	24.75	PK	35.8	-21.2	0	39.35	-	-	-	-	68.2	-28.85	0-360	149	V
4	* 11.399	25.56	PK	38	-19.6	0	43.96	-	-	74	-30.04	-	-	0-360	250	V
6	17.1	22.48	PK	41	-15.9	0	47.58	-	-	-	-	68.2	-20.62	0-360	250	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

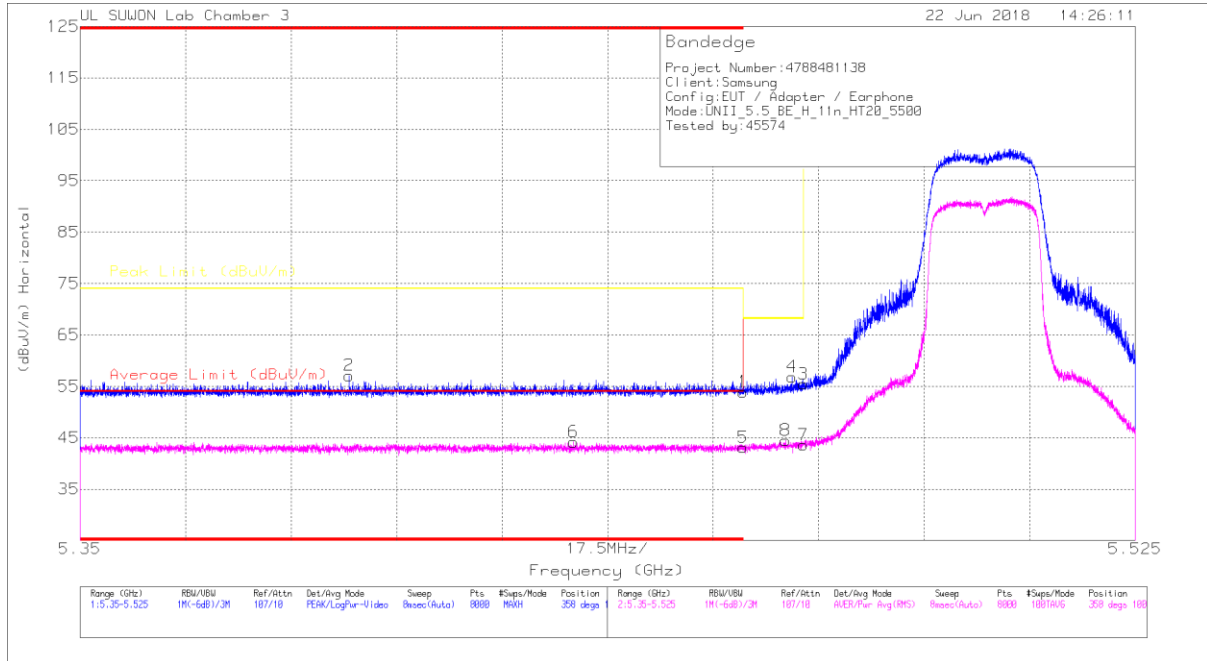
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0020959)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.401	36.88	PK-U	38	-19.6	0	55.28	-	-	74	-18.72	-	-	127	243	H
* 11.4	24.34	ADR	38	-19.6	0	42.74	54	-11.26	-	-	-	-	127	243	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

11.3.2.TX ABOVE 1GHz 802.11n HT20 MODE IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

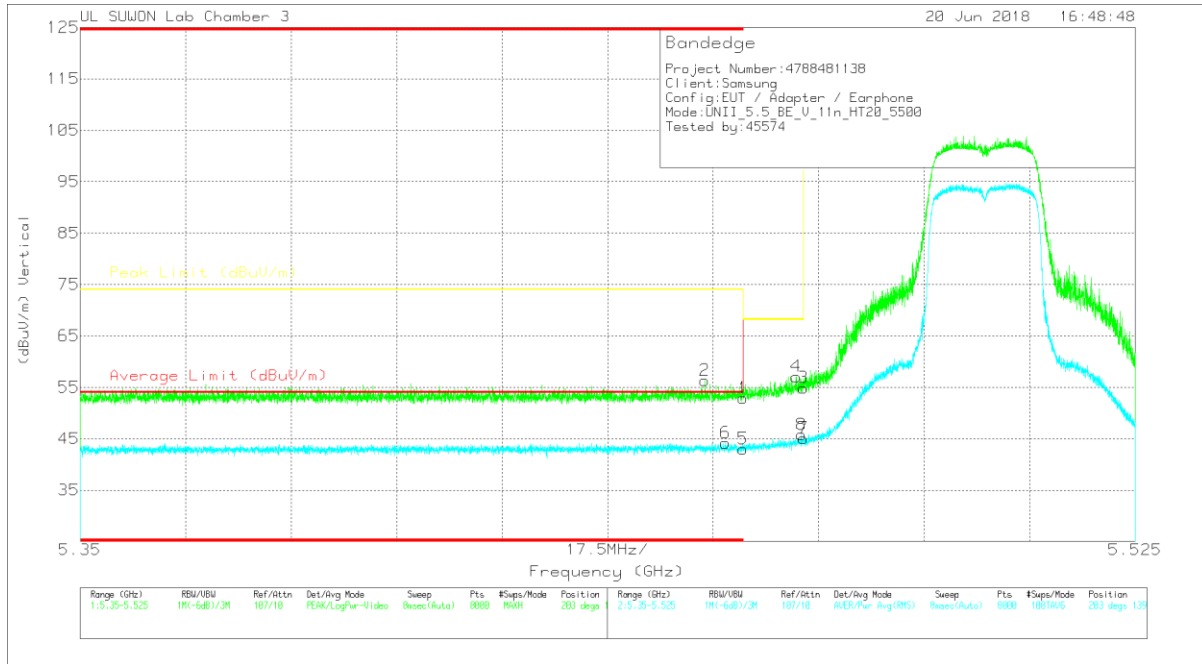
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00205959)	10dB_ATT(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.02	Pk	34.3	-18.4	0	53.92	-	-	74	-20.08	358	100	H
2	* 5.395	41.31	Pk	34.3	-18.5	0	57.11	-	-	74	-16.89	358	100	H
3	5.47	39.54	Pk	34.3	-18.4	0	55.44	-	-	68.2	-12.76	358	100	H
4	5.468	40.95	Pk	34.3	-18.4	0	56.85	-	-	68.2	-11.35	358	100	H
5	* 5.46	27.63	RMS	34.3	-18.8	0	43.13	54	-10.87	-	-	358	100	H
6	* 5.432	28.78	RMS	34.3	-18.9	0	44.18	54	-9.82	-	-	358	100	H
7	5.47	28.12	RMS	34.3	-18.8	0	43.62	-	-	-	-	358	100	H
8	5.467	28.98	RMS	34.3	-18.8	0	44.48	-	-	-	-	358	100	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00205959)	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	* 5.46	37.01	Pk	34.3	-18.4	0	52.91	-	-	74	-21.09	203	139	V
2	* 5.454	40.43	Pk	34.3	-18.4	0	56.33	-	-	74	-17.67	203	139	V
3	5.47	39.01	Pk	34.3	-18.4	0	54.91	-	-	68.2	-13.29	203	139	V
4	5.469	41.21	Pk	34.3	-18.4	0	57.11	-	-	68.2	-11.09	203	139	V
5	* 5.46	27.53	RMS	34.3	-18.8	0	43.03	54	-10.97	-	-	203	139	V
6	* 5.457	28.68	RMS	34.3	-18.8	0	44.18	54	-9.82	-	-	203	139	V
7	5.47	29.6	RMS	34.3	-18.8	0	45.1	-	-	-	-	203	139	V
8	5.47	30.28	RMS	34.3	-18.8	0	45.78	-	-	-	-	203	139	V

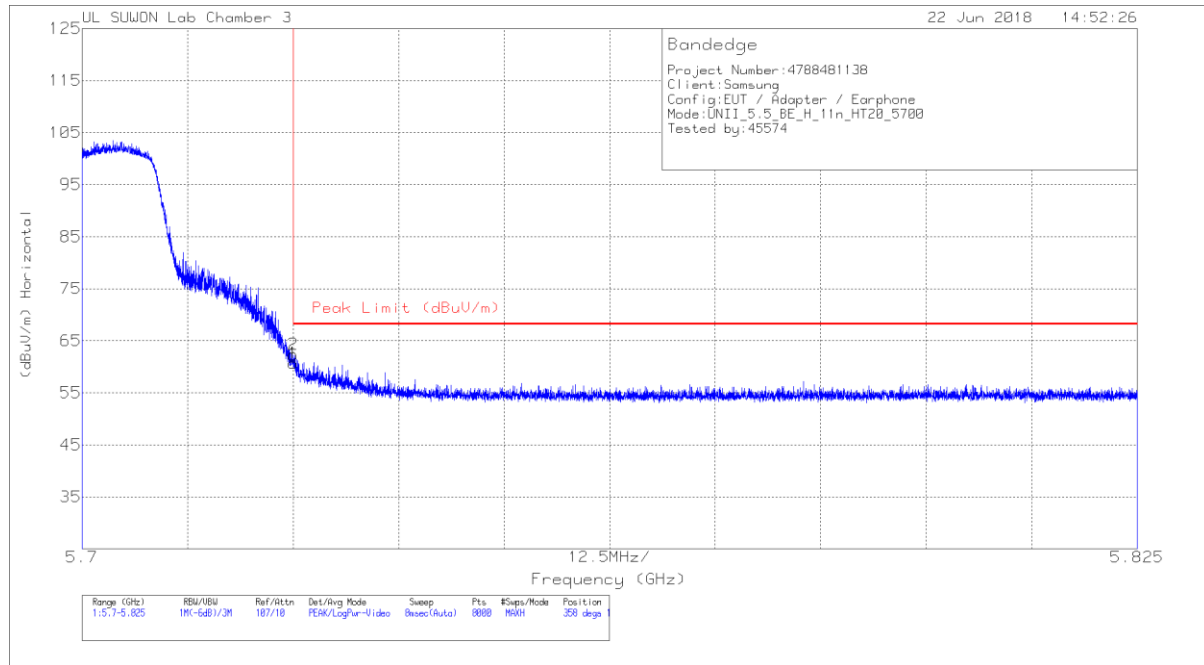
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



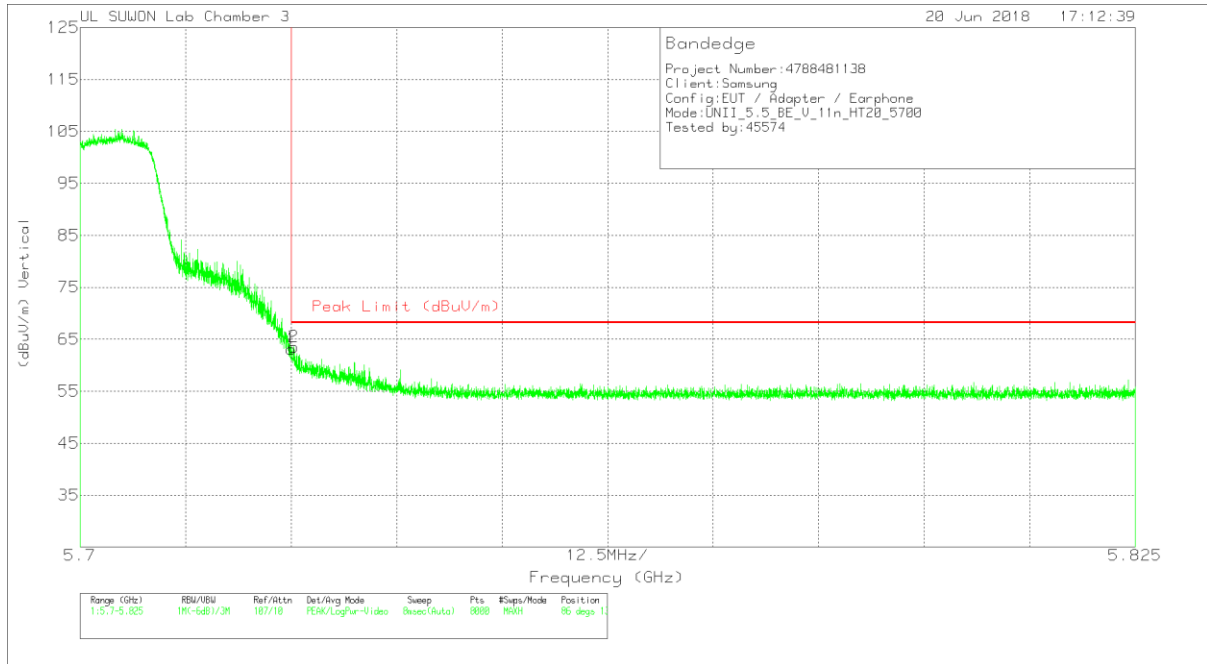
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117[00205959]	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.88	Pk	34.7	-17.9	0	60.68	68.2	-7.52	358	112	H
2	5.725	45.52	Pk	34.7	-17.9	0	62.32	68.2	-5.88	358	112	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

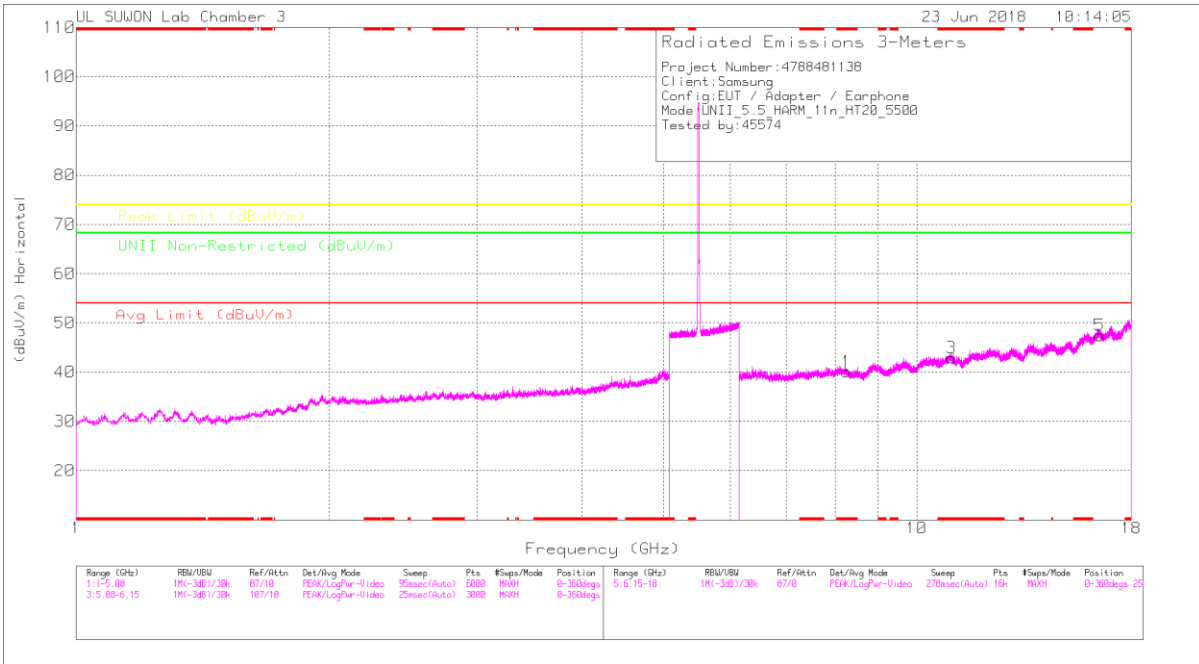
Trace Markers

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	46.32	Pk	34.7	-17.9	63.12	68.2	-5.08	86	131	V
2	5.725	46.74	Pk	34.7	-17.9	63.54	68.2	-4.66	86	131	V

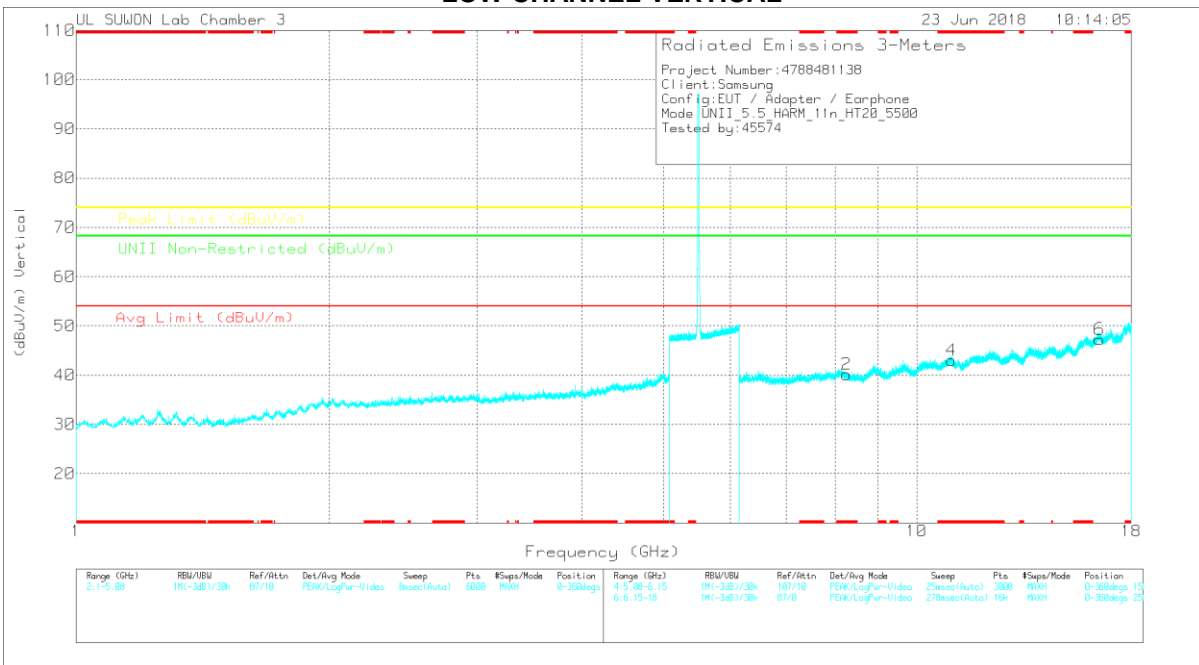
Pk - Peak detector

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

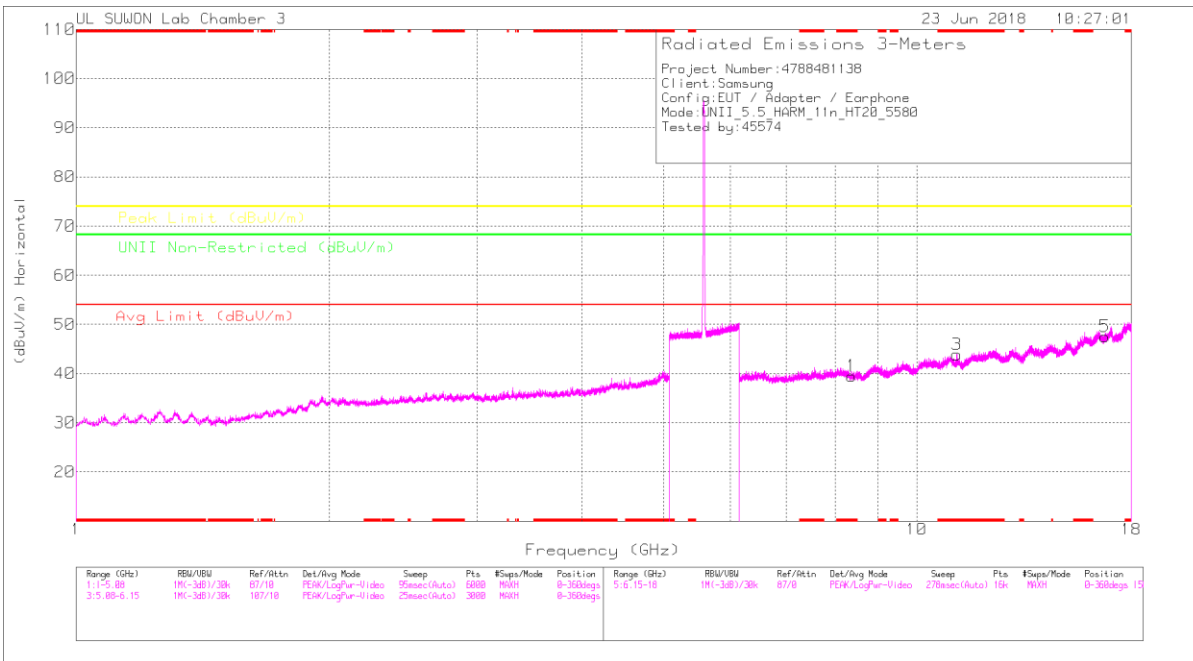
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0020955)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.251	26.16	PK	35.8	-21.9	0	40.06	-	-	74	-33.94	-	-	0-360	250	H
3	* 11.001	24.57	PK	37.8	-19.5	0	42.87	-	-	74	-31.13	-	-	0-360	250	H
5	16.501	23.44	PK	41.4	-17.4	0	47.44	-	-	-	-	68.2	-20.76	0-360	149	H
2	* 8.251	26.26	PK	35.8	-21.9	0	40.16	-	-	74	-33.84	-	-	0-360	250	V
4	* 11.001	24.72	PK	37.8	-19.5	0	43.02	-	-	74	-30.98	-	-	0-360	250	V
6	16.501	23.27	PK	41.4	-17.4	0	47.27	-	-	-	-	68.2	-20.93	0-360	250	V

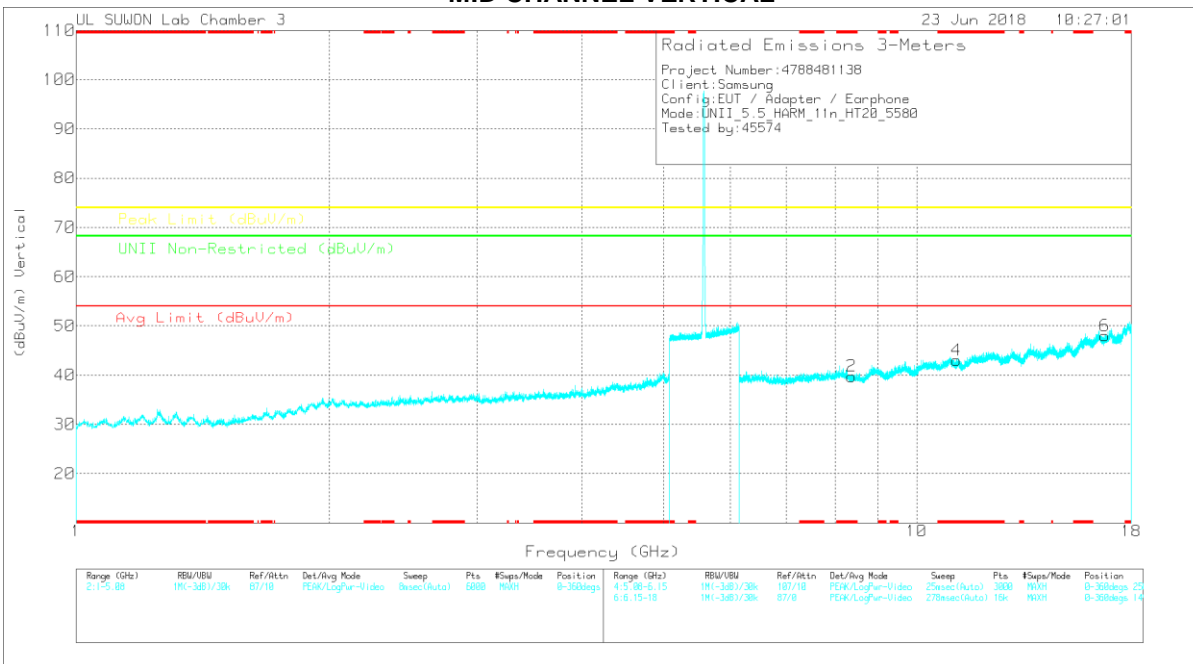
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

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

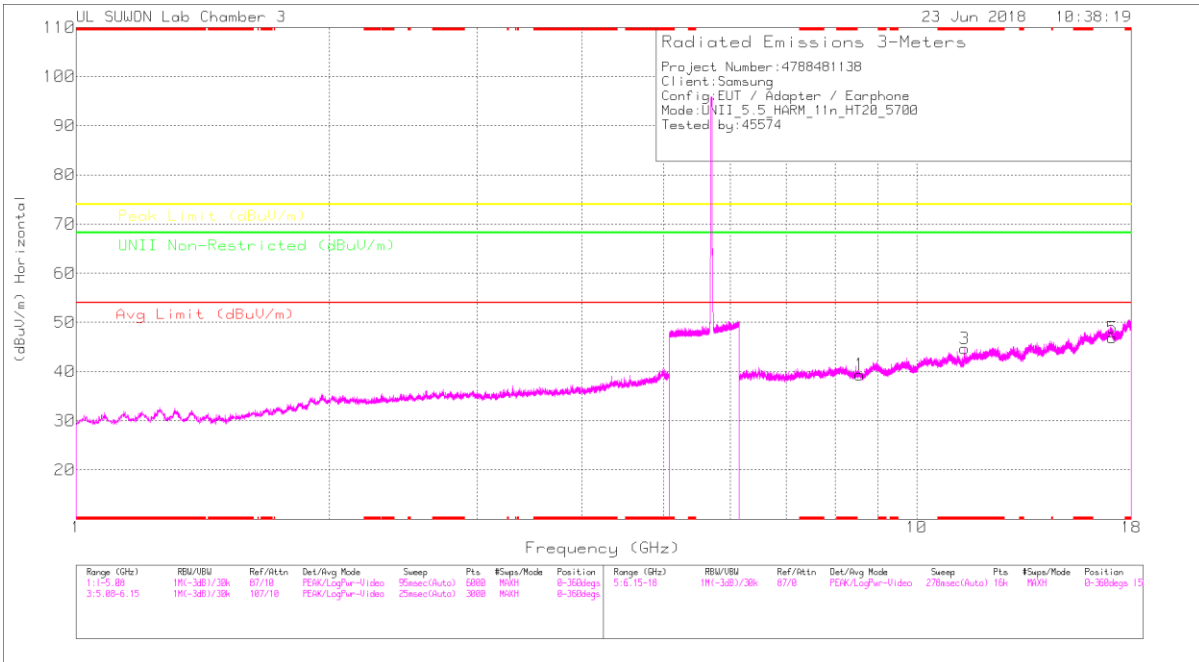
Trace Markers

Marker	Frequency (GHz)	Major Reading (dBuV)	Det	3117(0020995)	66Hz_HF[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.371	25.59	PK	35.8	-21.9	0	39.49	-	-	74	-34.51	-	-	0-360	150	H
3	* 11.161	25.67	PK	37.9	-19.7	0	43.87	-	-	74	-30.13	-	-	0-360	251	H
5	16.739	22.94	PK	41.5	-16.9	0	47.54	-	-	-	-	68.2	-20.66	0-360	251	H
2	* 8.371	25.86	PK	35.8	-21.9	0	39.76	-	-	74	-34.24	-	-	0-360	149	V
4	* 11.16	24.9	PK	37.9	-19.8	0	43	-	-	74	-31	-	-	0-360	250	V
6	16.739	23.39	PK	41.5	-16.9	0	47.99	-	-	-	-	68.2	-20.21	0-360	149	V

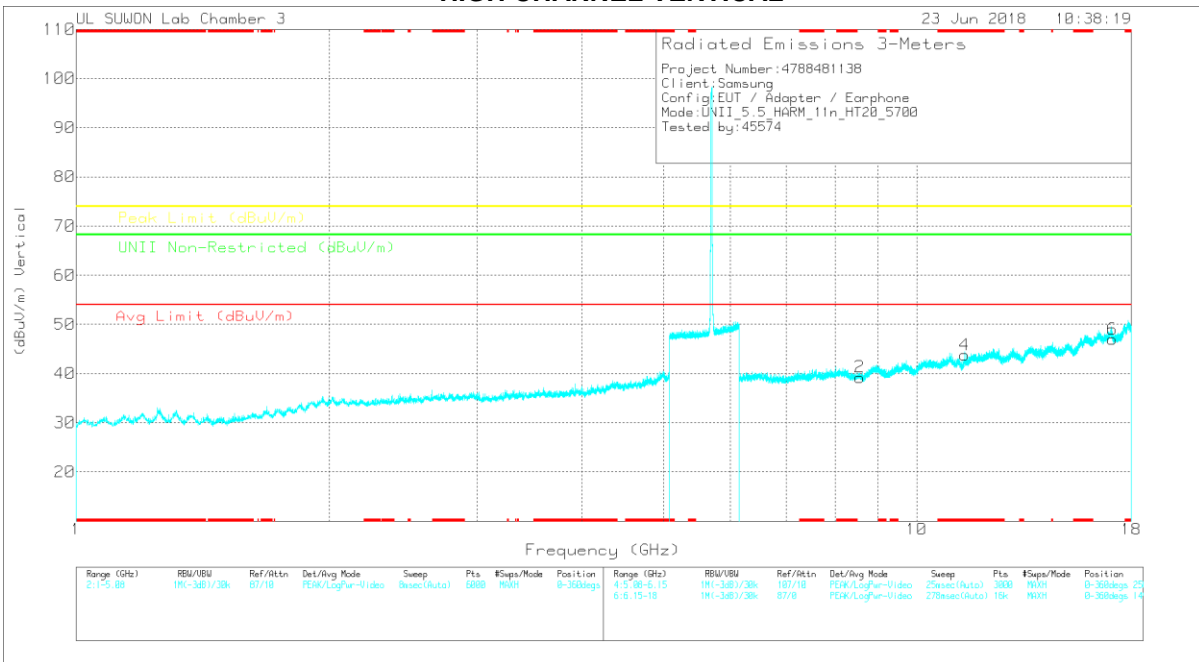
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

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

Trace Markers

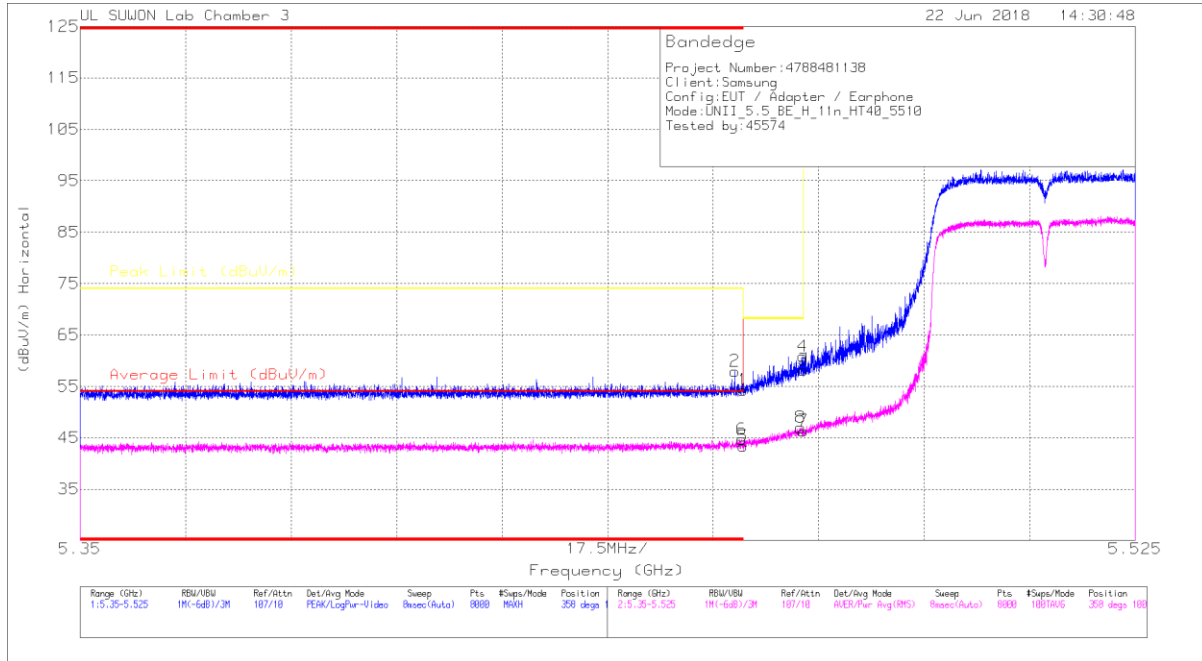
Marker	Frequency (GHz)	Major Reading (dBuV)	Det	3117(0020995)	60Hz_HF[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	8.551	24.76	PK	35.8	-21.2	0	39.36	-	-	-	-	68.2	-28.84	0-360	150	H
3	* 11.4	26.29	PK	38	-19.6	0	44.69	-	-	74	-29.31	-	-	0-360	250	H
5	17.1	21.75	PK	41	-15.9	0	46.85	-	-	-	-	68.2	-21.35	0-360	250	H
2	8.551	24.65	PK	35.8	-21.2	0	39.25	-	-	-	-	68.2	-28.95	0-360	149	V
4	* 11.401	25.5	PK	38	-19.7	0	43.8	-	-	74	-30.2	-	-	0-360	250	V
6	17.1	21.89	PK	41	-15.9	0	46.99	-	-	-	-	68.2	-21.21	0-360	149	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

11.3.3.TX ABOVE 1GHz 802.11n HT40 MODE IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



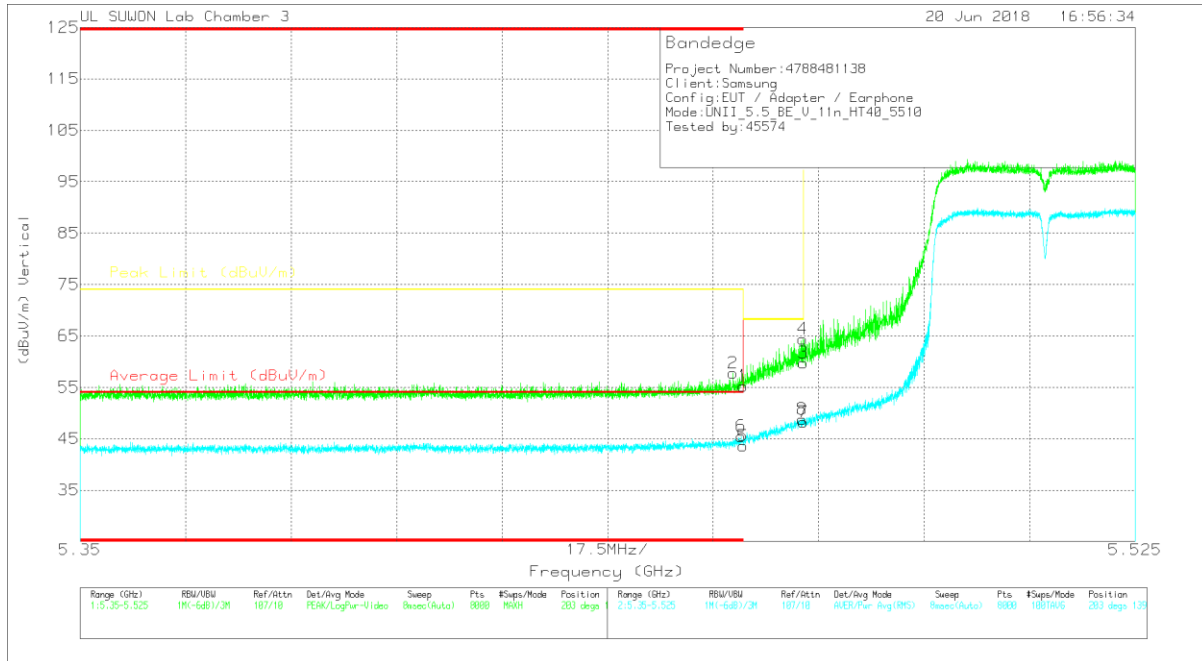
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00205959)	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	* 5.46	38.36	Pk	34.3	-18.4	0	54.26	-	-	74	-19.74	358	100	H
2	* 5.459	41.95	Pk	34.3	-18.3	0	57.95	-	-	74	-16.05	358	100	H
3	5.47	42.3	Pk	34.3	-18.4	0	58.2	-	-	68.2	-10	358	100	H
4	5.47	44.92	Pk	34.3	-18.4	0	60.82	-	-	68.2	-7.38	358	100	H
5	* 5.46	27.69	RMS	34.3	-18.8	.17	43.36	54	-10.64	-	-	358	100	H
6	* 5.46	29.04	RMS	34.3	-18.8	.17	44.71	54	-9.29	-	-	358	100	H
7	5.47	30.69	RMS	34.3	-18.8	.17	46.36	-	-	-	-	358	100	H
8	5.469	31.31	RMS	34.3	-18.8	.17	46.98	-	-	-	-	358	100	H

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

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00205959)	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	* 5.46	39.36	Pk	34.3	-18.4	0	55.26	-	-	74	-18.74	203	139	V
2	* 5.458	41.79	Pk	34.3	-18.3	0	57.79	-	-	74	-16.21	203	139	V
3	5.47	43.88	Pk	34.3	-18.4	0	59.78	-	-	68.2	-8.42	203	139	V
4	5.47	48.51	Pk	34.3	-18.4	0	64.41	-	-	68.2	-3.79	203	139	V
5	* 5.46	27.95	RMS	34.3	-18.8	.17	43.62	54	-10.38	-	-	203	139	V
6	* 5.46	29.82	RMS	34.3	-18.8	.17	45.49	54	-8.51	-	-	203	139	V
7	5.47	32.58	RMS	34.3	-18.8	.17	48.25	-	-	-	-	203	139	V
8	5.47	33.1	RMS	34.3	-18.8	.17	48.77	-	-	-	-	203	139	V

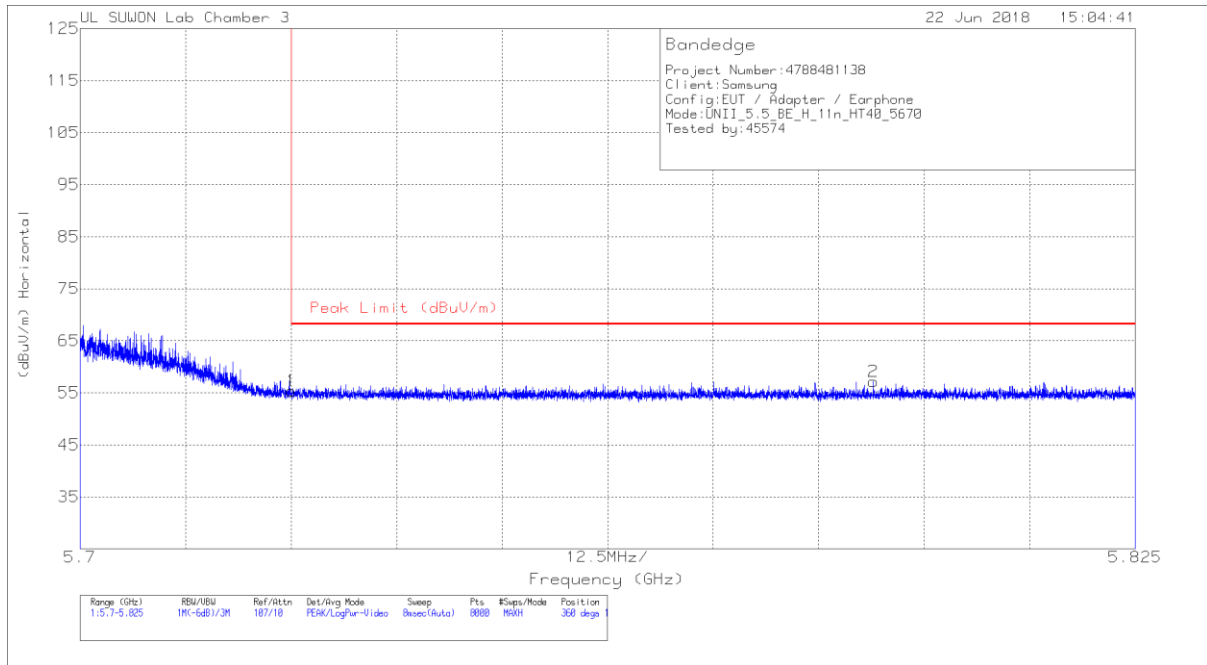
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



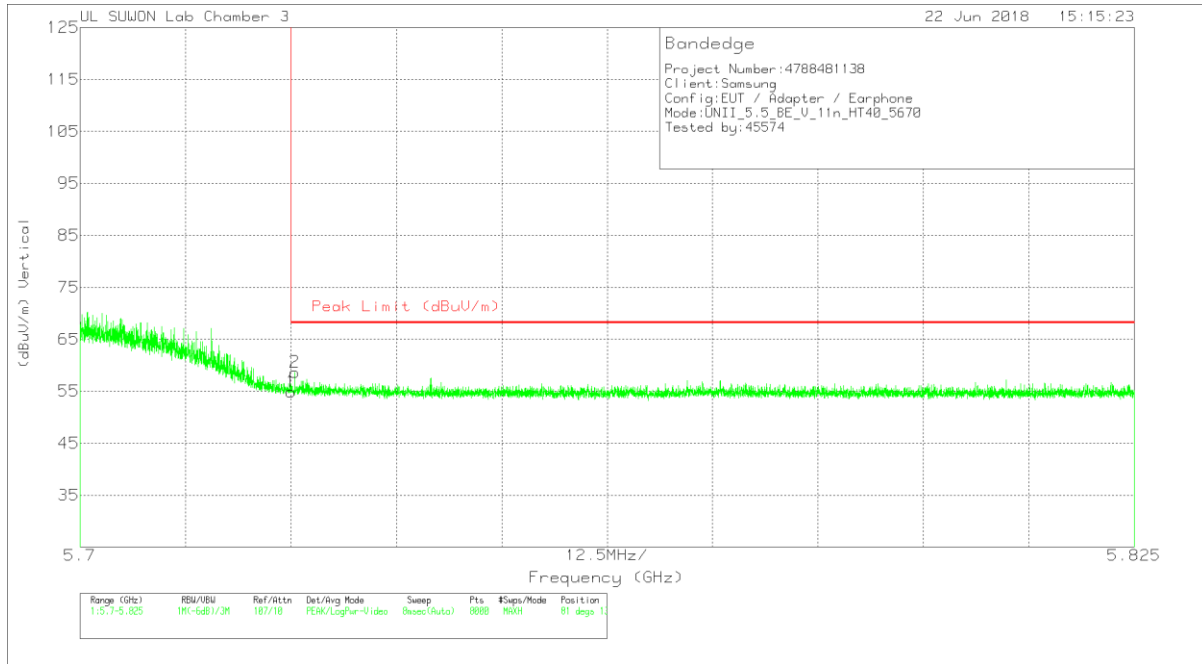
HORIZONTAL DATA

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	38.55	Pk	34.7	-17.9	55.35	68.2	-12.85	360	100	H
2	5.794	40.06	Pk	34.8	-17.7	57.16	68.2	-11.04	360	100	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

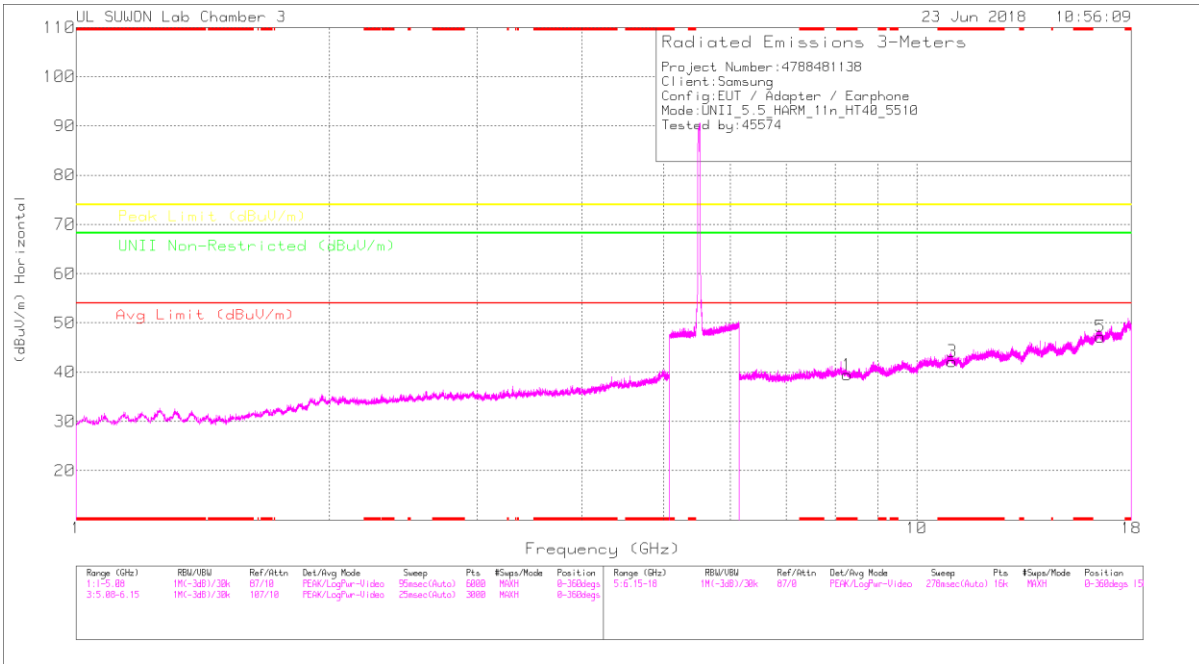
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117[00205959]	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.12	Pk	34.7	-17.9	0	54.92	68.2	-13.28	81	135	V
2	5.725	41.86	Pk	34.7	-17.9	0	58.66	68.2	-9.54	81	135	V

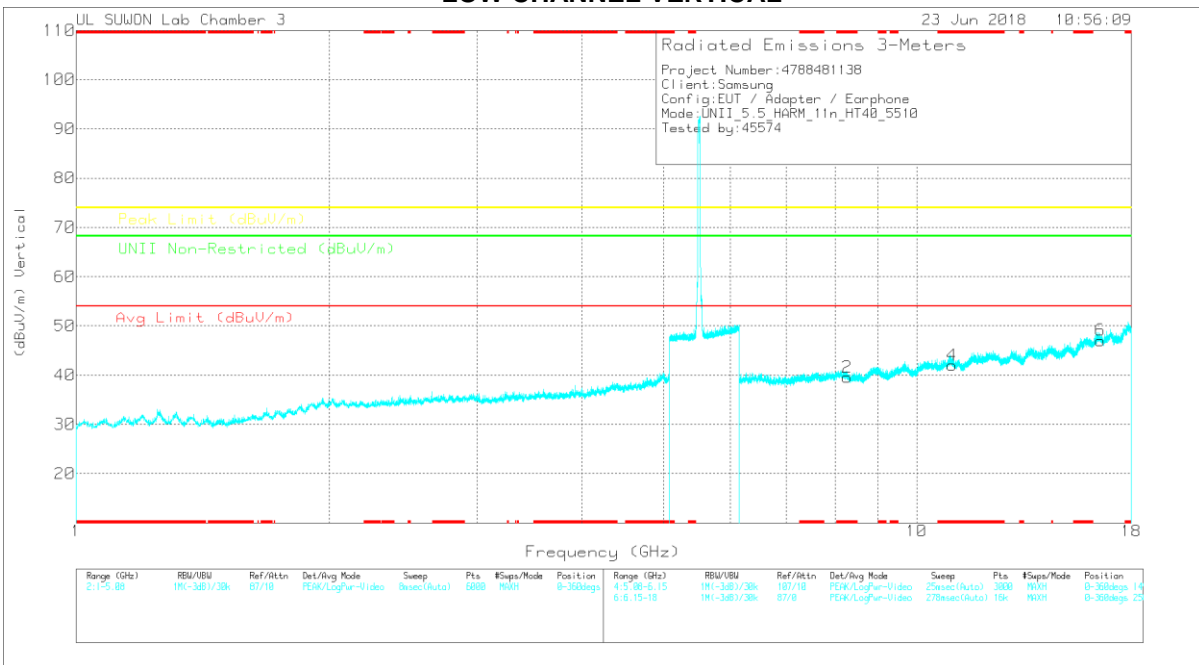
Pk - Peak detector

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

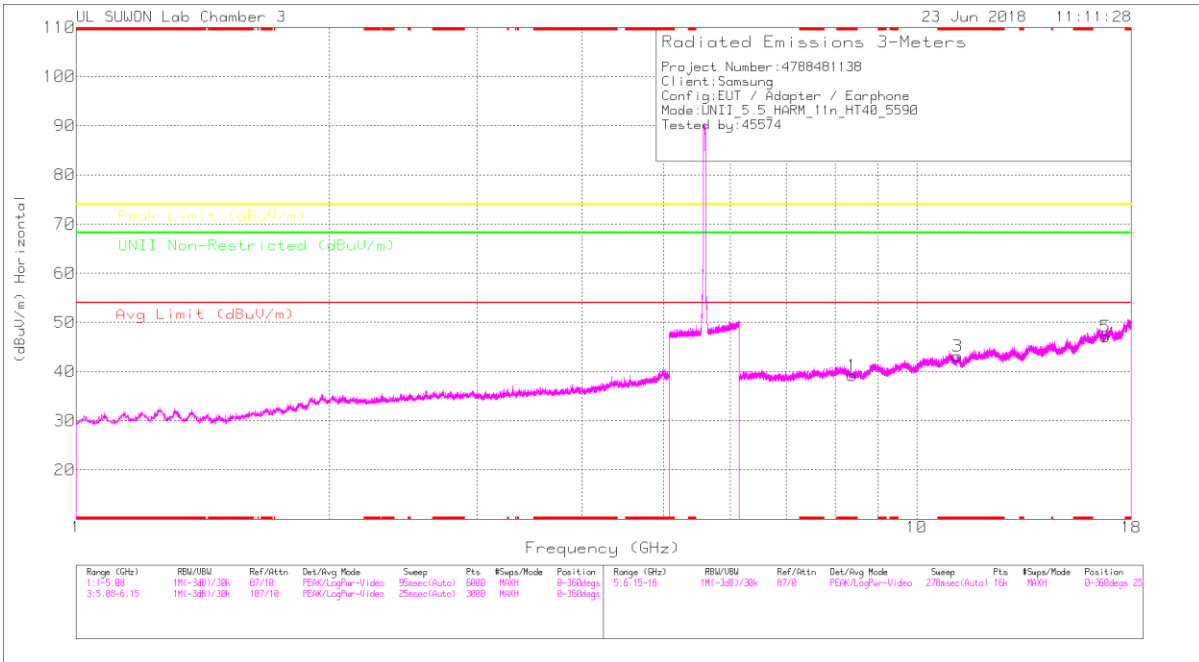
Trace Markers

Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	3117(0020999)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.266	25.65	PK	35.8	-22	0	39.45	-	-	74	-34.55	-	-	0-360	250	H
3	* 11.021	23.95	PK	37.8	-19.6	0	42.15	-	-	74	-31.85	-	-	0-360	250	H
5	16.531	23.09	PK	41.4	-17.3	0	47.19	-	-	-	-	68.2	-21.01	0-360	250	H
2	* 8.266	25.75	PK	35.8	-22	0	39.55	-	-	74	-34.45	-	-	0-360	149	V
4	* 11.021	23.78	PK	37.8	-19.6	0	41.98	-	-	74	-32.02	-	-	0-360	149	V
6	16.531	22.95	PK	41.4	-17.3	0	47.05	-	-	-	-	68.2	-21.15	0-360	149	V

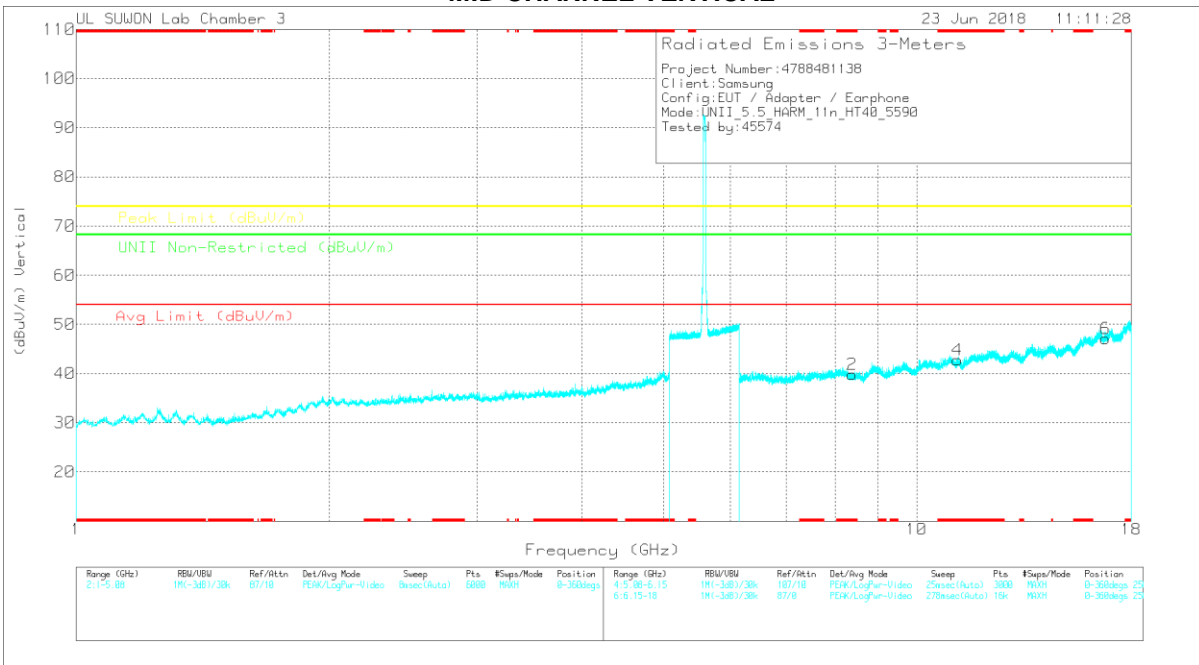
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

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

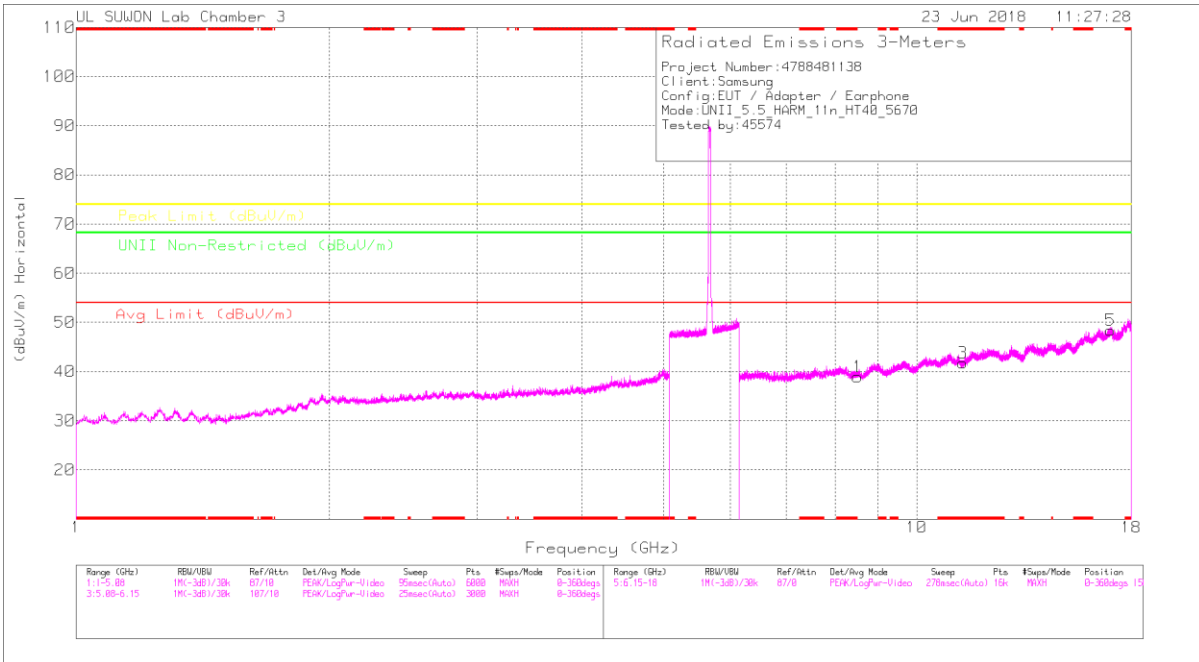
Trace Markers

Marker	Frequency (GHz)	Major Reading (dBuV)	Det	317(0020995)	66Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.385	25.2	PK	35.8	-21.8	0	39.2	-	-	74	-34.8	-	-	0-360	250	H
3	* 11.18	24.95	PK	37.9	-19.7	0	43.15	-	-	74	-30.85	-	-	0-360	250	H
5	16.77	22.29	PK	41.5	-16.7	0	47.09	-	-	-	-	68.2	-21.11	0-360	150	H
2	* 8.384	25.8	PK	35.8	-21.8	0	39.8	-	-	74	-34.2	-	-	0-360	150	V
4	* 11.181	24.44	PK	37.9	-19.6	0	42.74	-	-	74	-31.26	-	-	0-360	250	V
6	16.77	22.32	PK	41.5	-16.7	0	47.12	-	-	-	-	68.2	-21.08	0-360	250	V

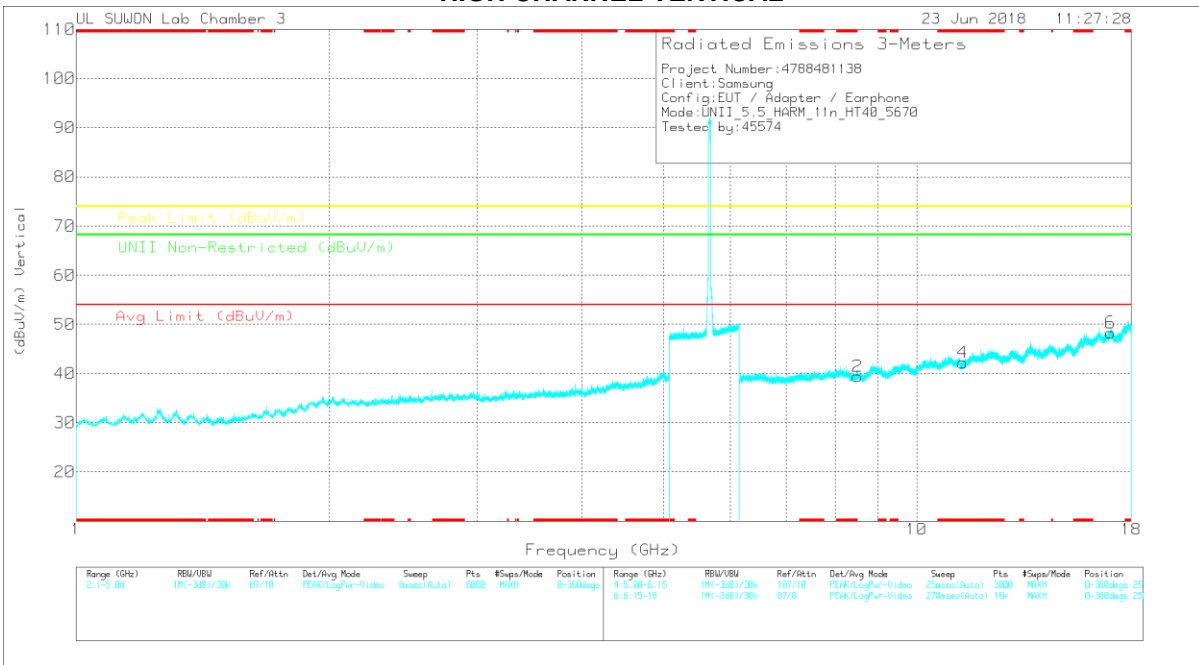
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

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

Trace Markers

Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117(0020959)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.505	24.45	PK	35.8	-21.3	0	38.95	-	-	-	-	68.2	-29.25	0-360	250	H
3	*11.341	23.63	PK	37.9	-19.8	0	41.73	-	-	74	-32.27	-	-	0-360	250	H
5	17.01	23.2	PK	41.2	-16	0	48.4	-	-	-	-	68.2	-19.8	0-360	250	H
2	8.505	24.93	PK	35.8	-21.3	0	39.43	-	-	-	-	68.2	-28.77	0-360	250	V
4	*11.341	24.11	PK	37.9	-19.8	0	42.21	-	-	74	-31.79	-	-	0-360	250	V
6	17.01	23.09	PK	41.2	-16	0	48.29	-	-	-	-	68.2	-19.91	0-360	149	V

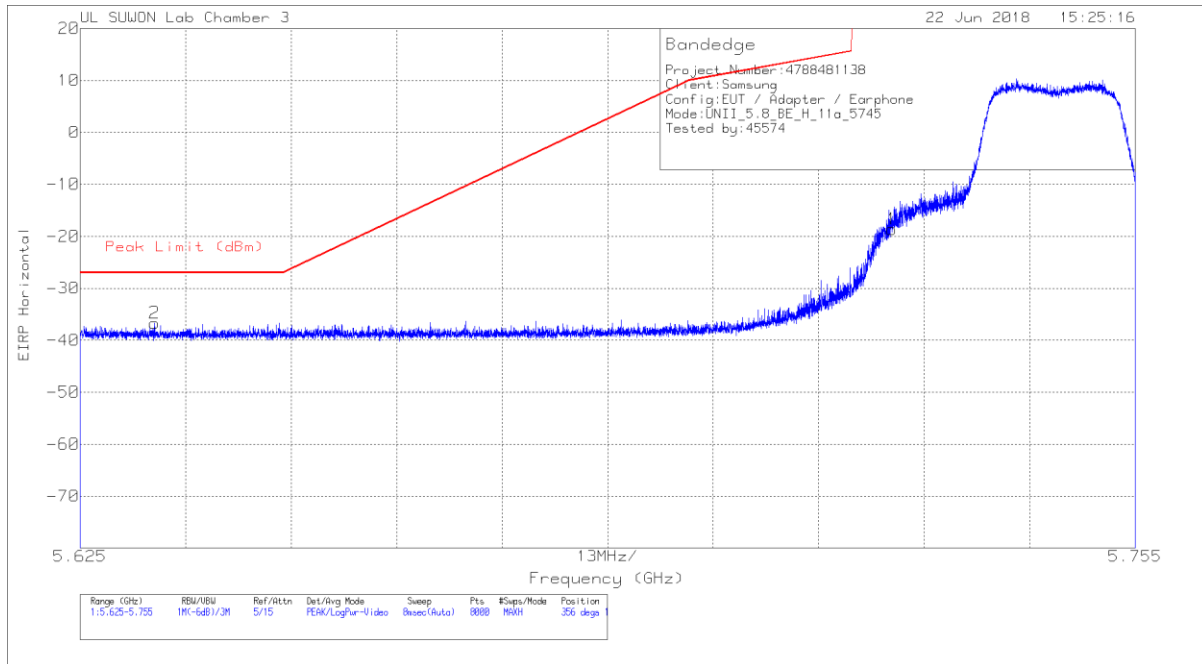
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

11.4. 5.8 GHz

11.4.1. TX ABOVE 1GHz 802.11a MODE IN THE 5.8GHz BAND BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK PLOT



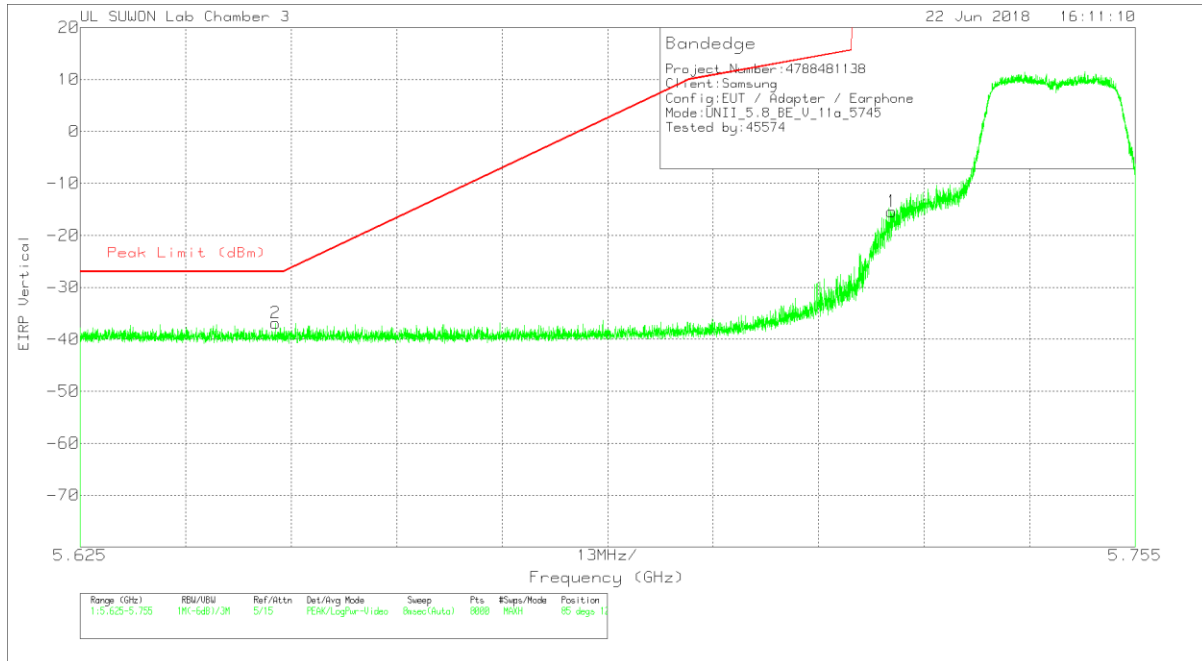
HORIZONTAL DATA

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	-47.23	Pk	34.7	-17.9	11.8	-18.63	278.95	-297.58	356	100	H
2	5.634	-64.88	Pk	34.5	-18.1	11.8	-36.68	-27	-9.68	356	100	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

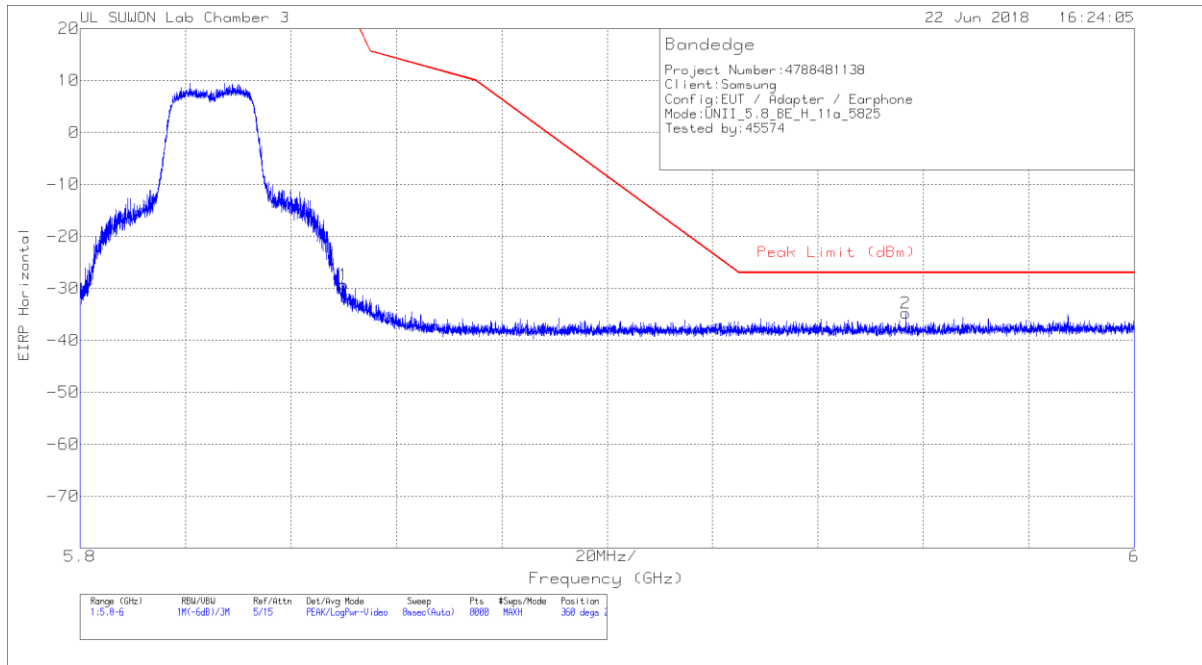
Trace Markers

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	-43.99	Pk	34.7	-17.9	11.8	-15.39	278.95	-294.34	85	128	V
2	5.649	-65.08	Pk	34.5	-18.1	11.8	-36.88	-27	-9.88	85	128	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT



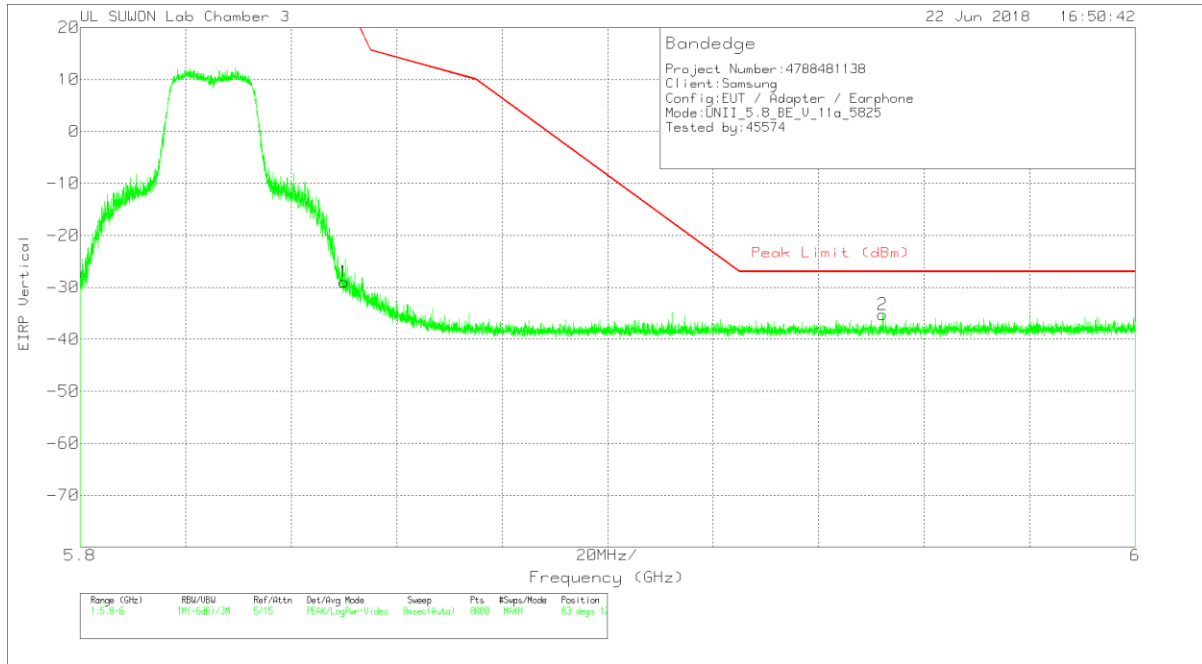
HORIZONTAL DATA

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	5.85	-58.46	Pk	34.9	-17.6	11.8	-29.36	26.99	-56.35	360	288	H
2	5.957	-64.08	Pk	35	-17.5	11.8	-34.78	-27	-7.78	360	288	H

Pk - Peak detector

VERTICAL PEAK PLOT



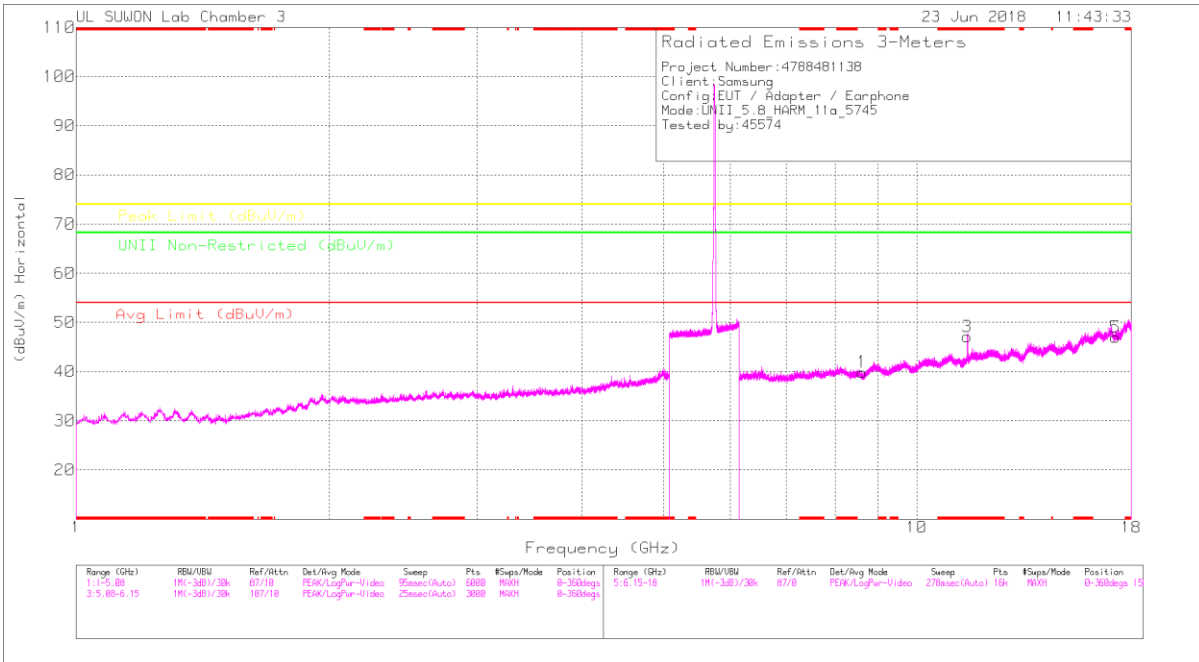
VERTICAL DATA

Trace Markers

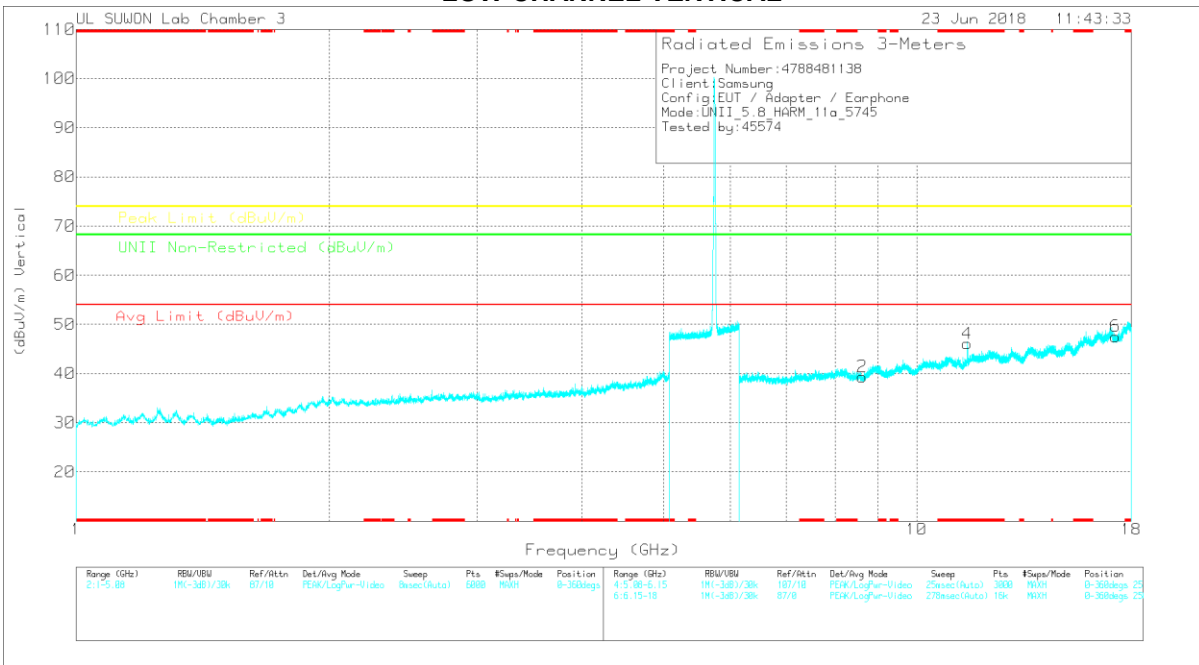
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117[00205959]	10dB_ATT[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-58.1	Pk	34.9	-17.6	11.8	-29	26.99	-55.99	83	121	V
2	5.952	-64.54	Pk	35	-17.5	11.8	-35.24	-27	-8.24	83	121	V

Pk - Peak detector

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

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0020959)	6GHz_HIP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.616	25.56	PK	35.8	-21.5	0	39.86	-	-	-	-	68.2	-28.34	0-360	150	H
3	*11.491	28.62	PK	38	-19.5	0	47.12	-	-	74	-26.88	-	-	0-360	150	H
5	17.236	21.57	PK	40.7	-15.3	0	46.97	-	-	-	-	68.2	-21.23	0-360	150	H
2	8.618	25.05	PK	35.8	-21.5	0	39.35	-	-	-	-	68.2	-28.85	0-360	149	V
4	*11.489	27.67	PK	38	-19.6	0	46.07	-	-	74	-27.93	-	-	0-360	250	V
6	17.236	22.16	PK	40.7	-15.3	0	47.56	-	-	-	-	68.2	-20.64	0-360	250	V

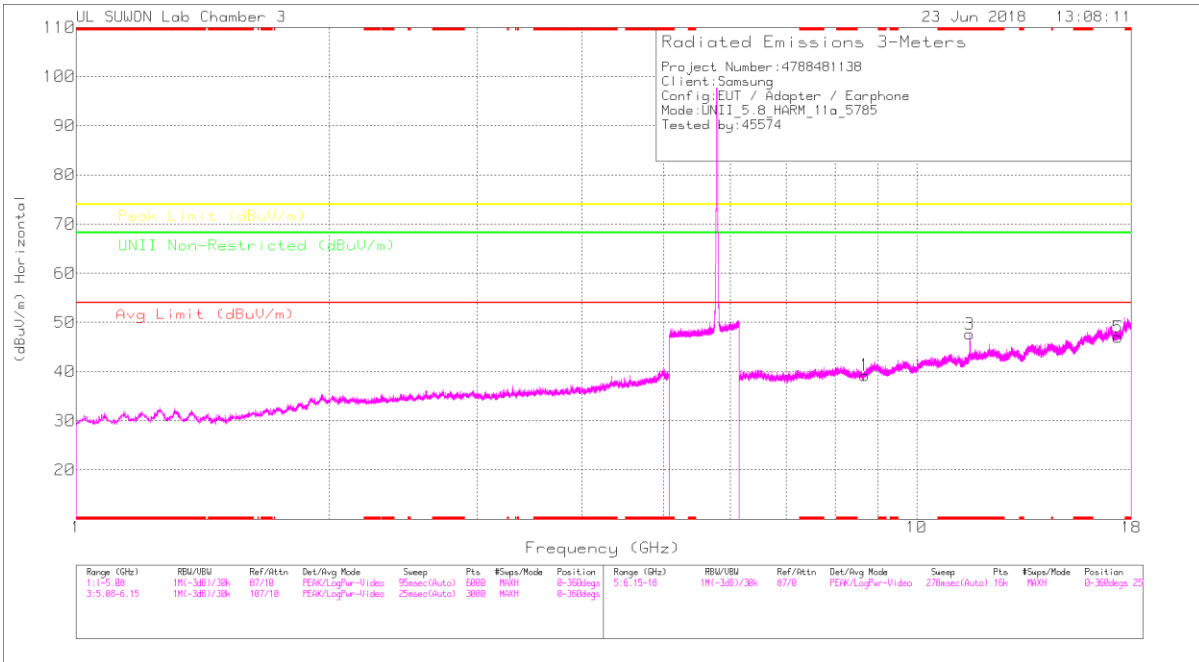
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

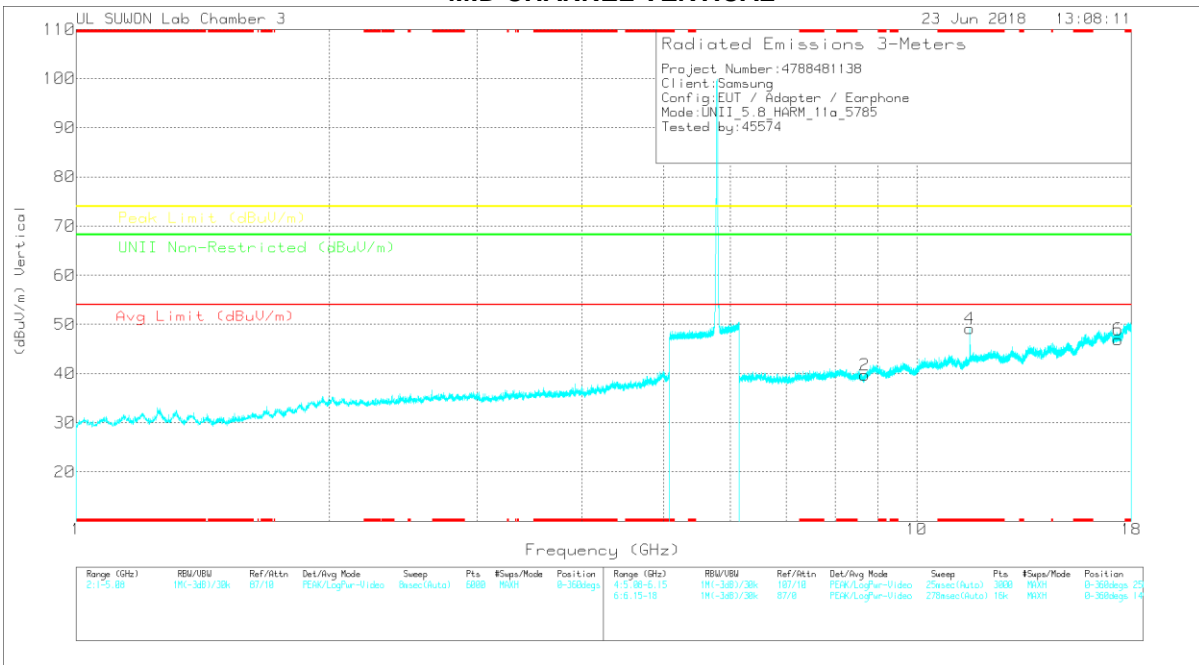
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0020959)	6GHz_HIP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.49	35.78	PK-U	38	-19.6	0	54.18	-	-	74	-19.82	-	-	86	136	H
* 11.49	27.12	ADR	38	-19.6	0	45.52	54	-8.48	-	-	-	-	86	136	H
* 11.494	39.13	PK-U	38	-19.6	0	57.53	-	-	74	-16.47	-	-	170	247	V
* 11.49	27.35	ADR	38	-19.6	0	45.75	54	-8.25	-	-	-	-	170	247	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0020959)	6GHz_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
1	8.678	24.62	PK	35.9	-21.3	0	39.22	-	-	-	-	68.2	-28.98	0-360	250	H
3	* 11.569	29.2	PK	38.1	-19.7	0	47.6	-	-	74	-26.4	-	-	0-360	150	H
5	17.356	21.47	PK	40.8	-15.3	0	46.97	-	-	-	-	68.2	-21.23	0-360	250	H
2	8.678	25.11	PK	35.9	-21.3	0	39.71	-	-	-	-	68.2	-28.49	0-360	250	V
4	* 11.569	30.75	PK	38.1	-19.7	0	49.15	-	-	74	-24.85	-	-	0-360	250	V
6	17.356	21.41	PK	40.8	-15.3	0	46.91	-	-	-	-	68.2	-21.29	0-360	250	V

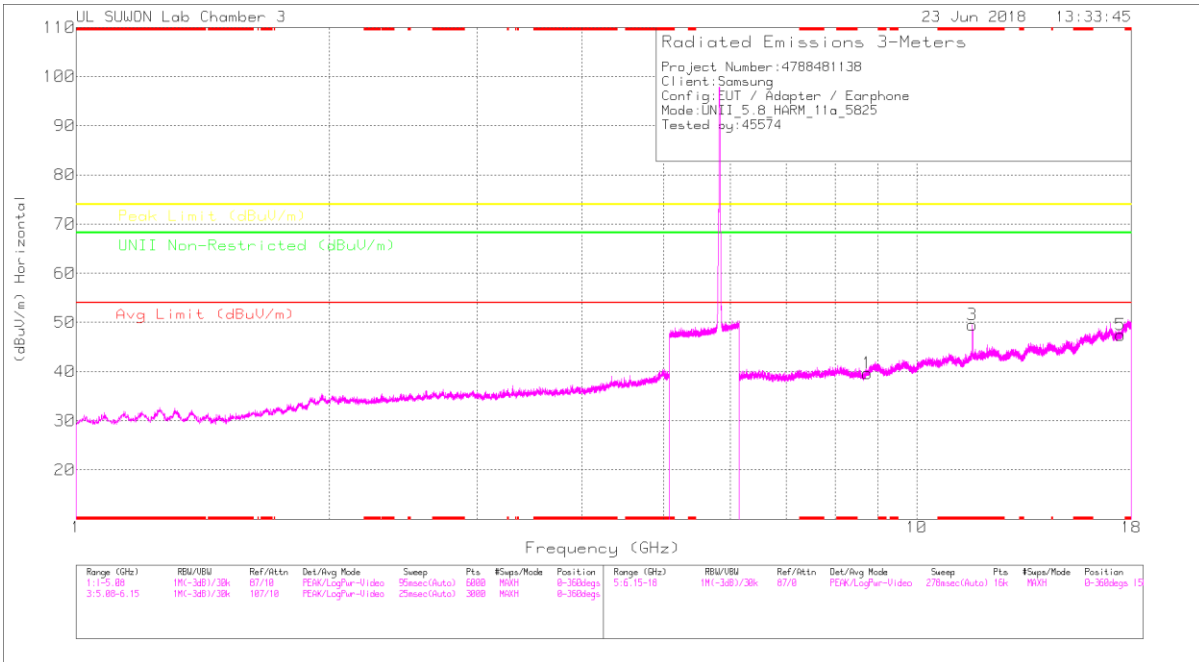
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

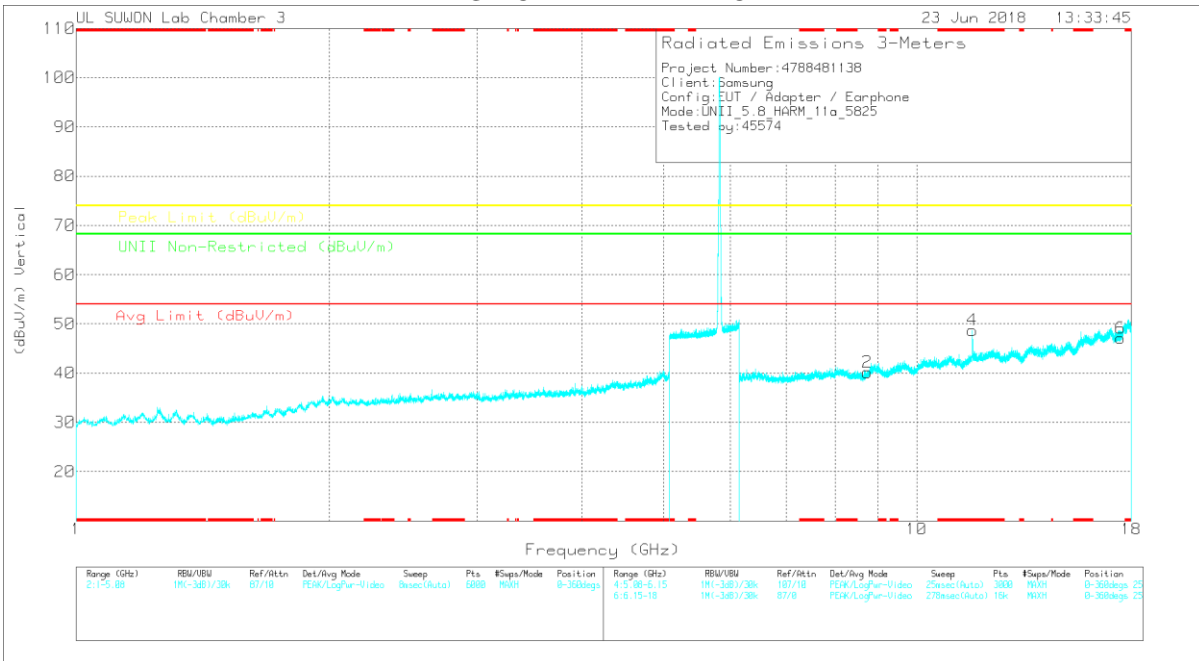
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0020959)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.576	37.39	PK-U	38.1	-19.8	0	55.69	-	-	74	-18.31	-	-	86	134	H
* 11.569	27.9	ADR	38.1	-19.7	0	46.3	54	-7.7	-	-	-	-	86	134	H
* 11.571	37.95	PK-U	38.1	-19.7	0	56.35	-	-	74	-17.65	-	-	170	247	V
* 11.57	27.61	ADR	38.1	-19.8	0	45.91	54	-8.09	-	-	-	-	170	247	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0020959)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.738	24.86	PK	35.9	-21.1	0	39.66	-	-	-	-	68.2	-28.54	0-360	150	H
3	*11.651	30.89	PK	38.2	-19.6	0	49.49	-	-	74	-24.51	-	-	0-360	251	H
5	17.474	21.34	PK	41	-14.9	0	47.44	-	-	-	-	68.2	-20.76	0-360	251	H
2	8.738	25.37	PK	35.9	-21.1	0	40.17	-	-	-	-	68.2	-28.03	0-360	251	V
4	*11.652	30.12	PK	38.2	-19.6	0	48.72	-	-	74	-25.28	-	-	0-360	251	V
6	17.476	21.02	PK	41	-14.9	0	47.12	-	-	-	-	68.2	-21.08	0-360	251	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

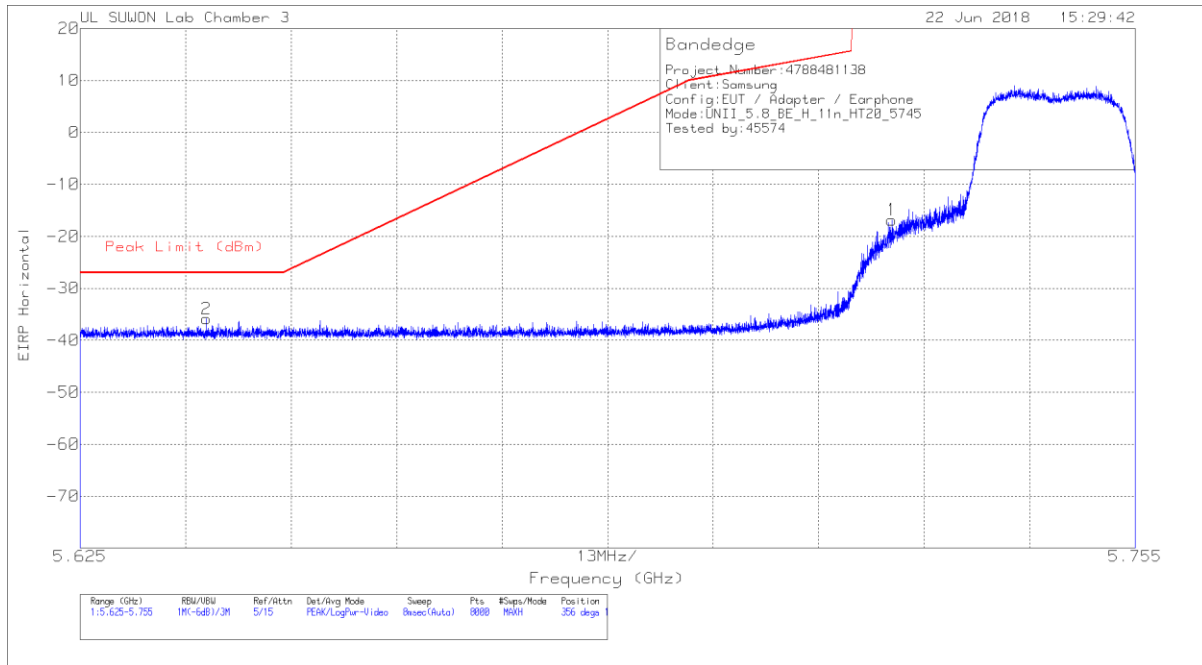
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0020959)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
*11.651	38.76	PK-U	38.2	-19.6	0	57.36	-	-	74	-16.64	-	-	86	136	H
*11.65	28.39	ADR	38.2	-19.7	0	46.89	54	-7.11	-	-	-	-	86	136	H
*11.654	37.24	PK-U	38.2	-19.6	0	55.84	-	-	74	-18.16	-	-	170	247	V
*11.65	28.11	ADR	38.2	-19.7	0	46.61	54	-7.39	-	-	-	-	170	247	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

11.4.2.TX ABOVE 1GHz 802.11n HT20 MODE IN THE 5.8GHz BAND BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK PLOT



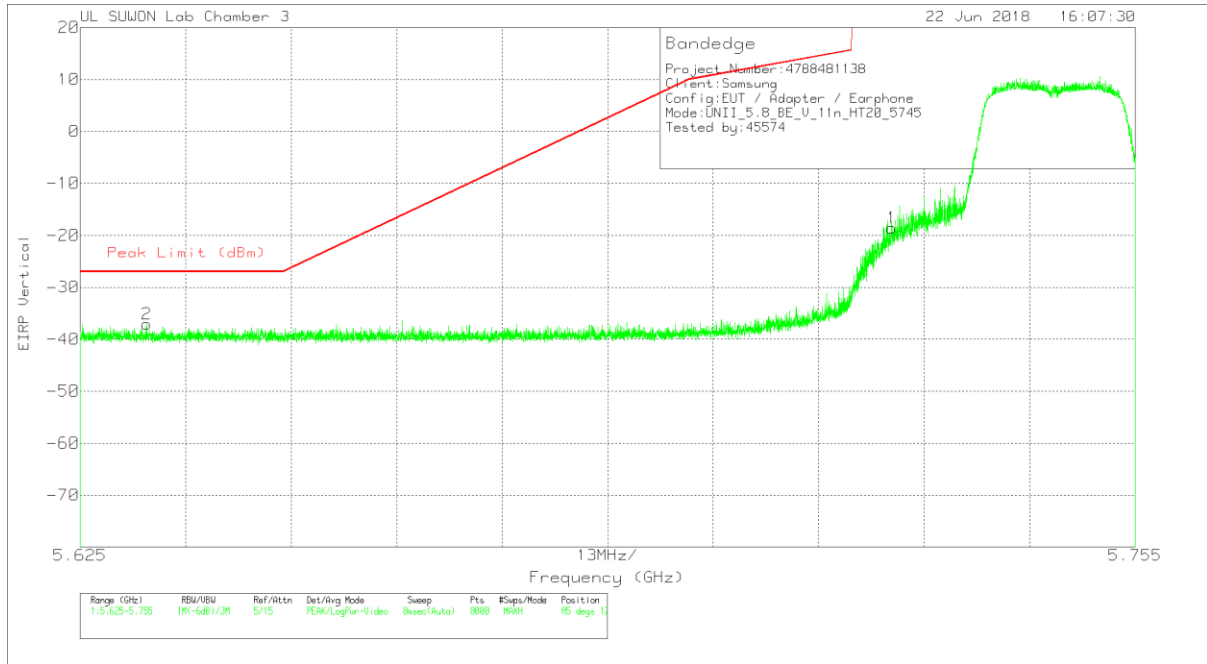
HORIZONTAL DATA

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	-45.46	Pk	34.7	-17.9	11.8	-16.86	278.95	-295.81	356	100	H
2	5.641	-64.09	Pk	34.5	-18.1	11.8	-35.89	-27	-8.89	356	100	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

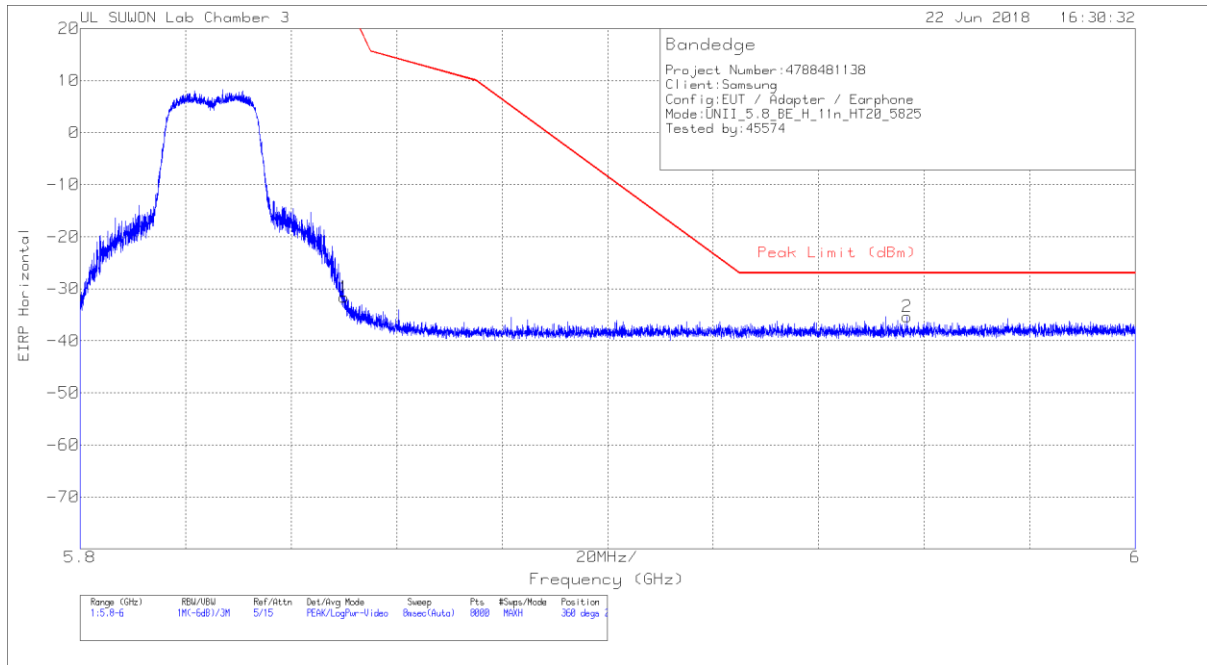
Trace Markers

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	-47.17	Pk	34.7	-17.9	11.8	-18.57	278.95	-297.52	85	128	V
2	5.633	-65.18	Pk	34.5	-18.2	11.8	-37.08	-27	-10.08	85	128	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



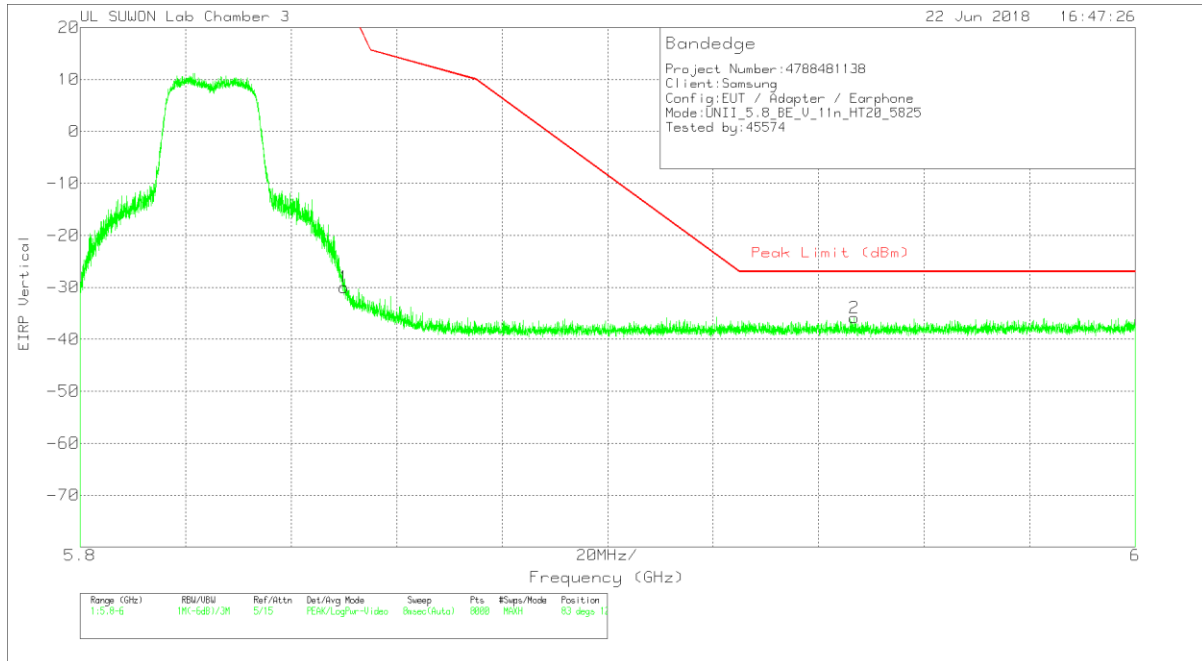
HORIZONTAL DATA

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	5.85	-60.74	Pk	34.9	-17.6	11.8	-31.64	26.99	-58.63	360	288	H
2	5.957	-64.66	Pk	35	-17.5	11.8	-35.36	-27	-8.36	360	288	H

Pk - Peak detector

VERTICAL PEAK PLOT



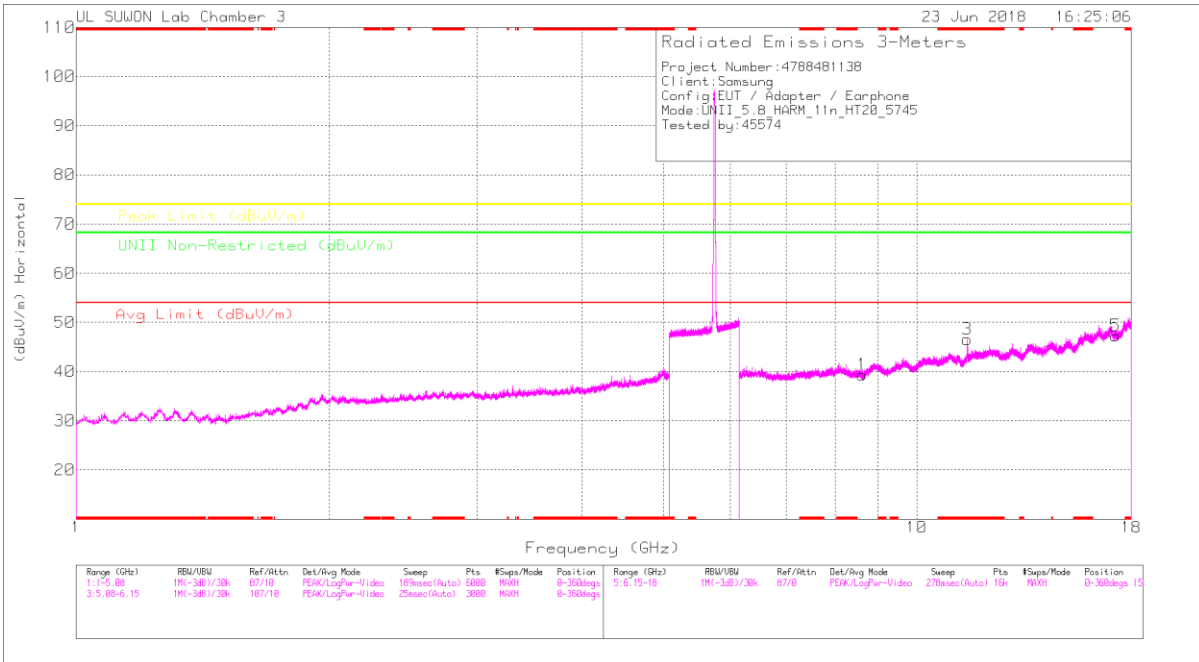
VERTICAL DATA

Trace Markers

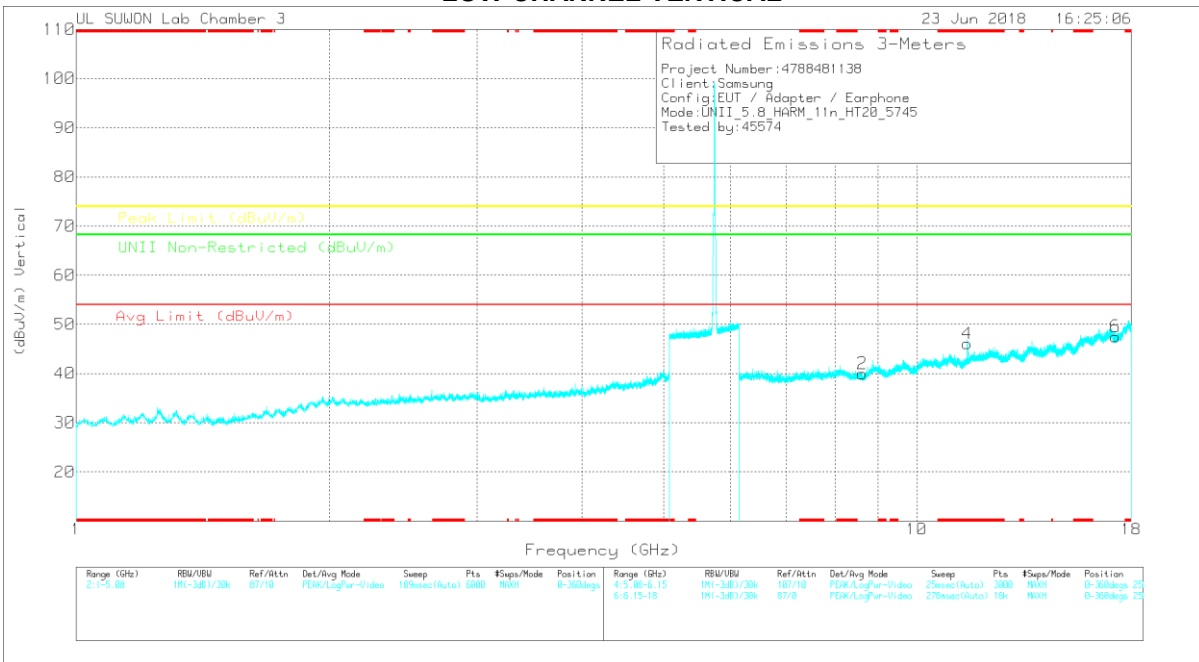
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117[00205959]	10dB_ATT[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-59.09	Pk	34.9	-17.6	11.8	-29.99	26.99	-56.98	83	121	V
2	5.947	-65.05	Pk	35	-17.6	11.8	-35.85	-27	-8.85	83	121	V

Pk - Peak detector

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

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0020959)	SGHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.617	25.05	PK	35.8	-21.5	0	39.35	-	-	-	-	68.2	-28.85	0-360	150	H
3	*11.491	28.15	PK	38	-19.6	0	46.55	-	-	74	-27.45	-	-	0-360	250	H
5	17.236	21.88	PK	40.7	-15.3	0	47.28	-	-	-	-	68.2	-20.92	0-360	150	H
2	8.618	25.69	PK	35.8	-21.5	0	39.99	-	-	-	-	68.2	-28.21	0-360	250	V
4	*11.488	27.66	PK	38	-19.6	0	46.06	-	-	74	-27.94	-	-	0-360	250	V
6	17.236	22.13	PK	40.7	-15.3	0	47.53	-	-	-	-	68.2	-20.67	0-360	150	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0020959)	SGHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
*11.492	35.35	PK-U	38	-19.6	0	53.75	-	-	74	-20.25	-	-	86	134	H
*11.493	25.63	ADR	38	-19.6	0	44.03	54	-9.97	-	-	-	-	86	134	H
*11.497	33.88	PK-U	38	-19.5	0	52.38	-	-	74	-21.62	-	-	170	248	V
*11.491	24.86	ADR	38	-19.6	0	43.26	54	-10.74	-	-	-	-	170	248	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average