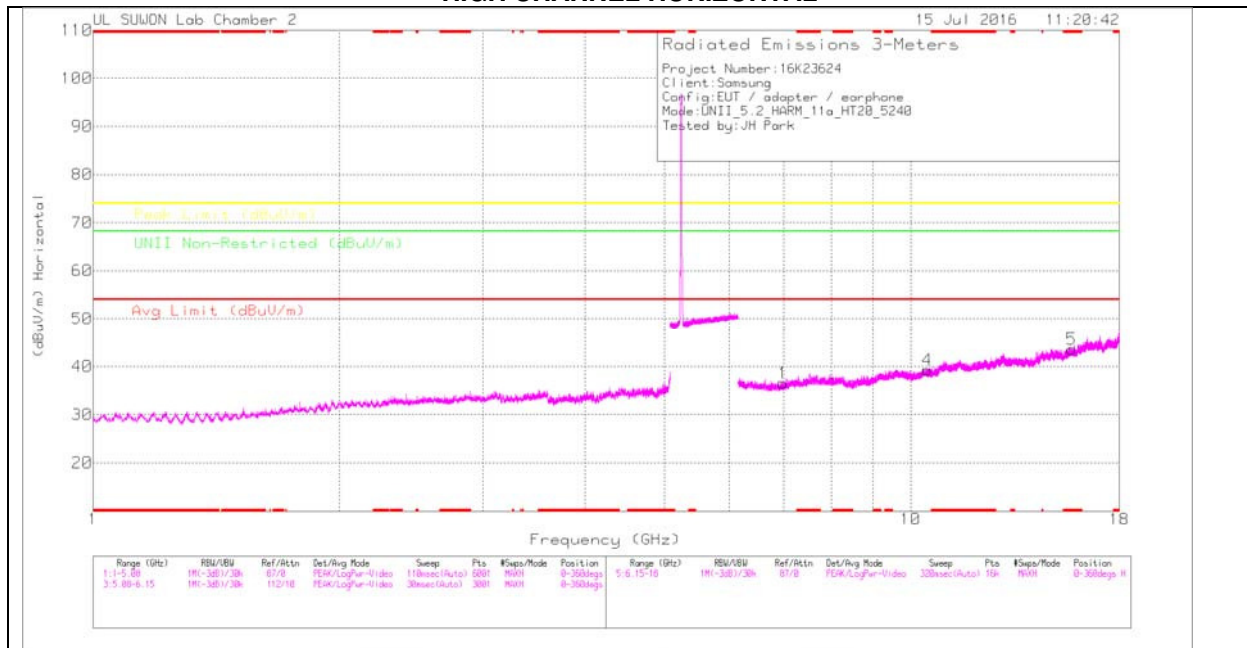
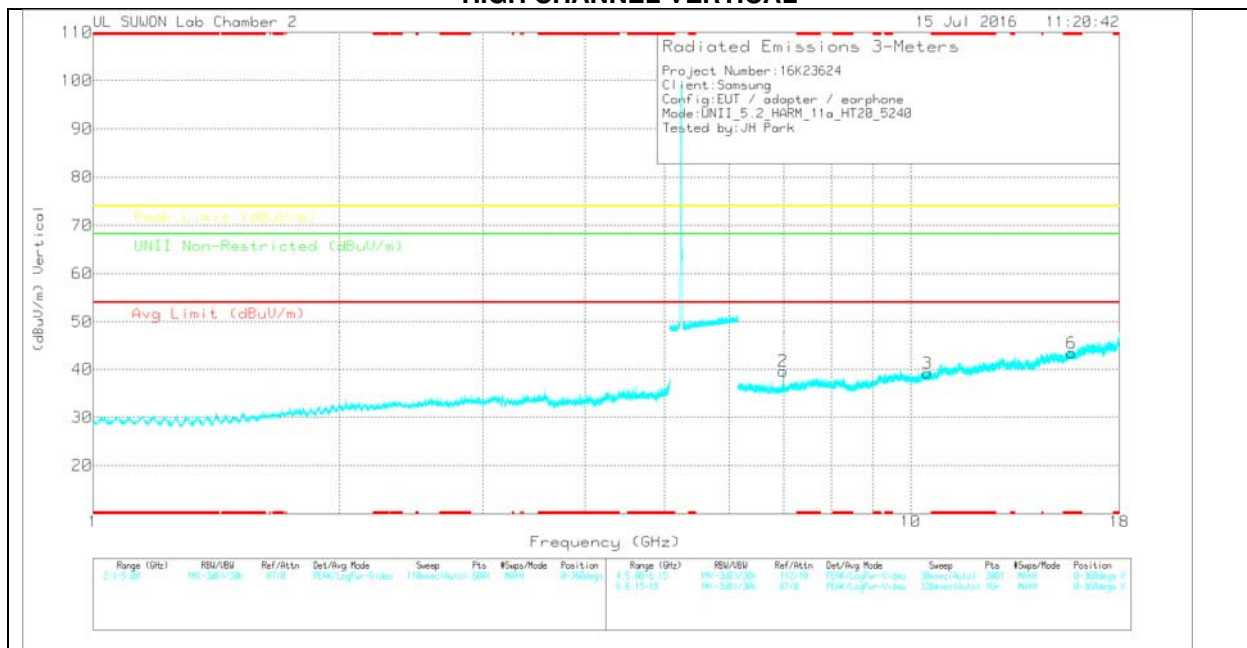


HIGH CHANNEL HORIZONTAL



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(0016 8724)_150 619	Path_5	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	6.986	23.06	PK	35.5	-22	0	36.56	-	-	-	-	68.2	-31.64	0-360	200	H
4	10.48	19.43	PK	37.7	-17.9	0	39.23	-	-	-	-	68.2	-28.97	0-360	100	H
5	* 15.732	19.97	PK	40.2	-16.6	0	43.57	-	-	74	-30.43	-	-	0-360	100	H
2	6.986	26.13	PK	35.5	-22	0	39.63	-	-	-	-	68.2	-28.57	0-360	200	V
3	10.478	19.4	PK	37.7	-17.9	0	39.2	-	-	-	-	68.2	-29	0-360	100	V
6	* 15.726	19.8	PK	40.2	-16.6	0	43.4	-	-	74	-30.6	-	-	0-360	200	V

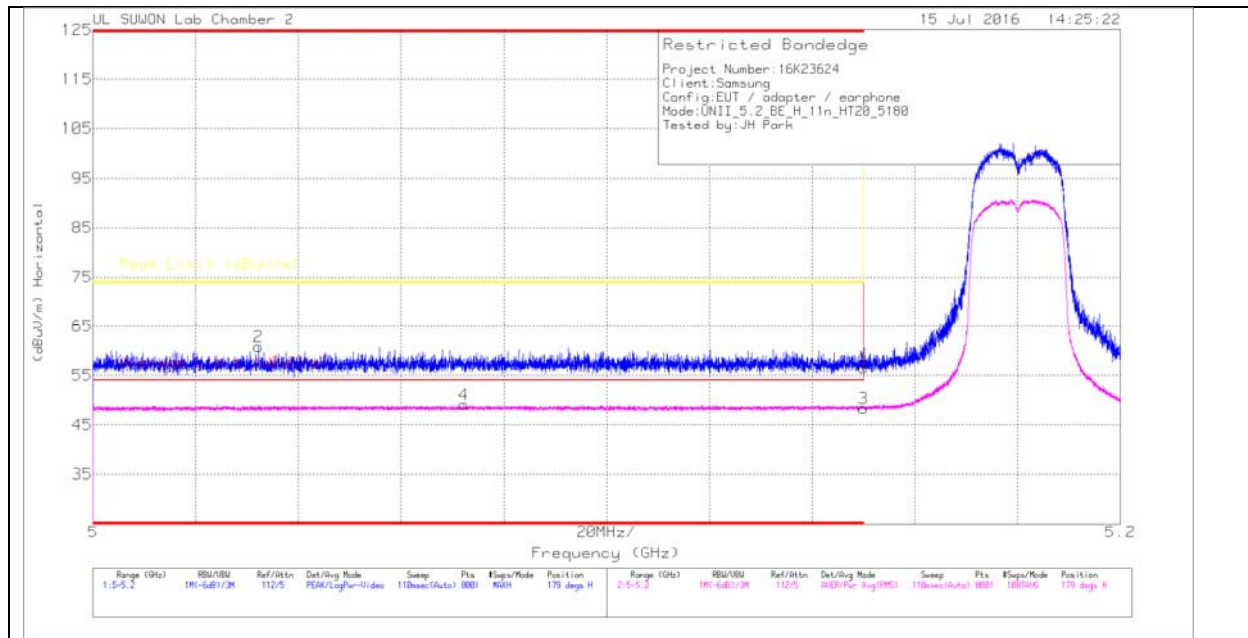
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak Detector

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

11.1.2. TX Above 1GHz 802.11n HT20 2TX CDD MODE IN THE 5.2GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

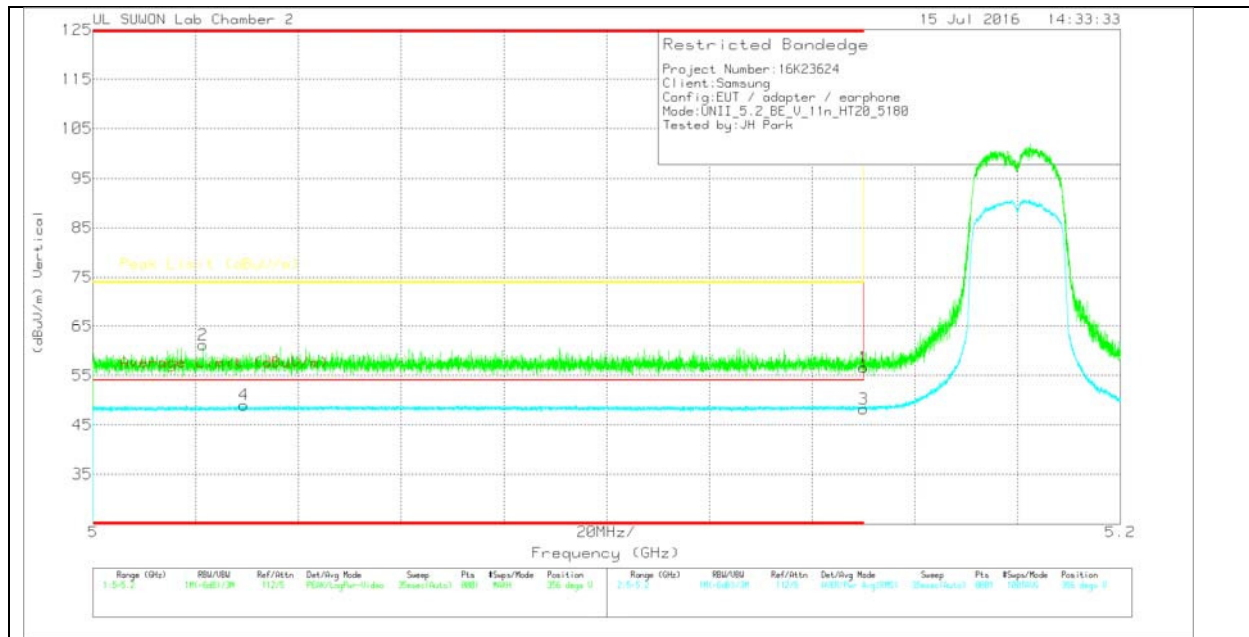
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	38.82	Pk	34.1	-16.4	0	56.52	-	-	74	-17.48	179	163	H
2	* 5.032	43.18	Pk	34	-16.3	0	60.88	-	-	74	-13.12	179	163	H
3	* 5.15	30.31	RMS	34.1	-16.4	.31	48.32	54	-5.68	-	-	179	163	H
4	* 5.072	31.11	RMS	34	-16.3	.31	49.12	54	-4.88	-	-	179	163	H

* - indicates frequency in CFR15.205/IC7.2.2 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(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	38.98	Pk	34.1	-16.4	0	56.68	-	-	74	-17.32	356	332	V
2	* 5.021	43.48	Pk	34	-16.3	0	61.18	-	-	74	-12.82	356	332	V
3	* 5.15	30.2	RMS	34.1	-16.4	.31	48.21	54	-5.79	-	-	356	332	V
4	* 5.029	31.02	RMS	34	-16.3	.31	49.03	54	-4.97	-	-	356	332	V

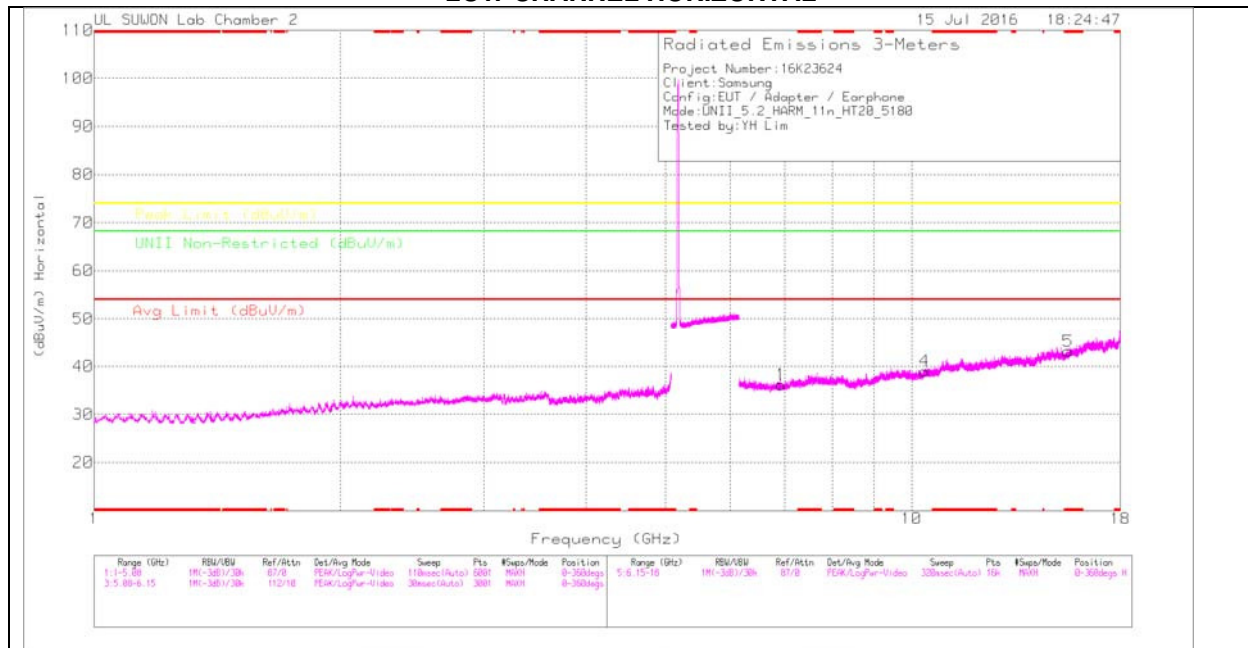
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

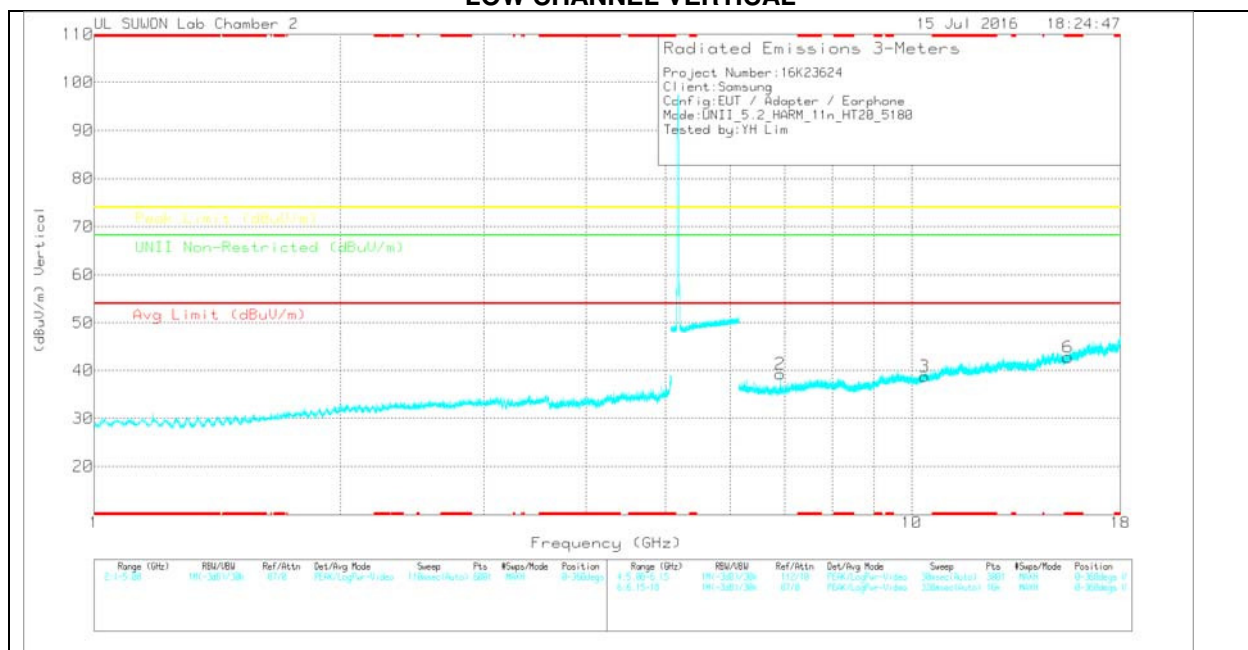
RMS - RMS detection

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

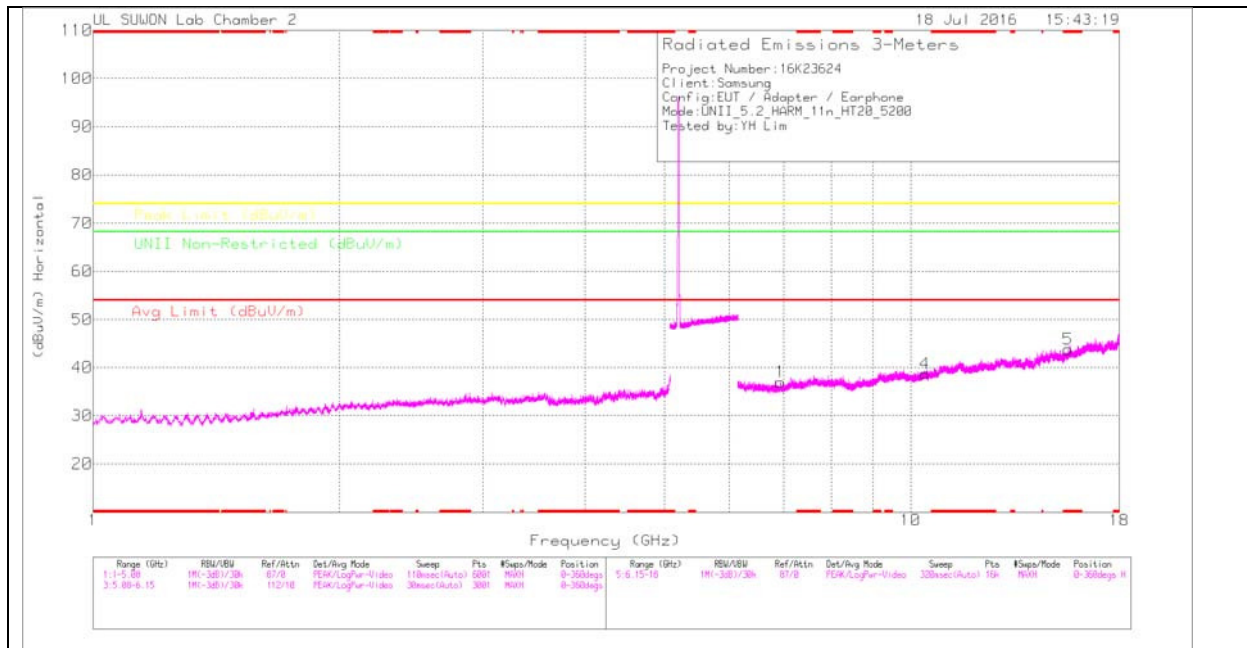
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	6.92	23.51	Pk	35.5	-22.8	0	36.21	-	-	-	-	68.2	-31.99	0-360	100	H
4	10.368	19.51	Pk	37.6	-18.1	0	39.01	-	-	-	-	68.2	-29.19	0-360	200	H
5	* 15.536	19.34	Pk	39.9	-16.1	0	43.14	-	-	74	-30.86	-	-	0-360	200	H
2	6.906	26.75	Pk	35.5	-23	0	39.25	-	-	-	-	68.2	-28.95	0-360	200	V
3	10.371	19.24	Pk	37.6	-18.1	0	38.74	-	-	-	-	68.2	-29.46	0-360	200	V
6	* 15.537	18.93	Pk	39.9	-16.1	0	42.73	-	-	74	-31.27	-	-	0-360	200	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

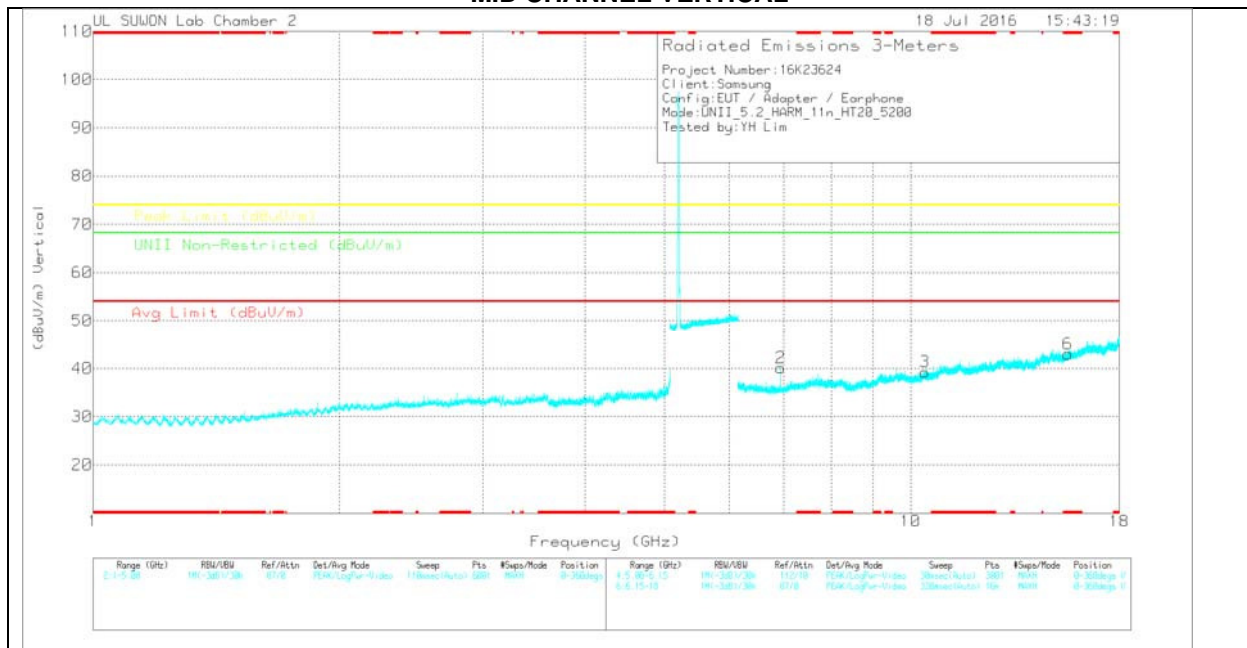
Pk – Peak detector

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

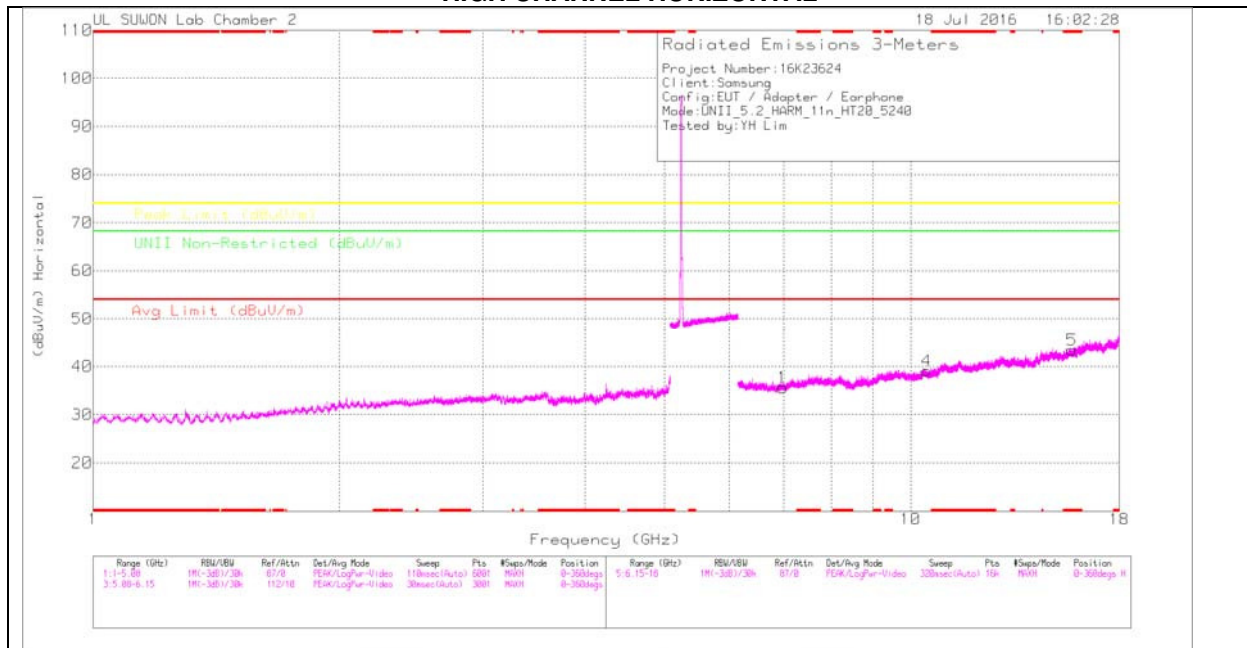
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNIT Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	6.934	24.08	PK	35.5	-22.6	0	36.98	-	-	-	-	68.2	-31.22	0-360	100	H
4	10.415	18.9	PK	37.6	-17.8	0	38.7	-	-	-	-	68.2	-29.5	0-360	100	H
5	* 15.573	19.94	PK	40	-16.2	0	43.74	-	-	74	-30.26	-	-	0-360	100	H
2	6.933	27.22	PK	35.5	-22.6	0	40.12	-	-	-	-	68.2	-28.08	0-360	200	V
3	10.413	19.48	PK	37.6	-17.8	0	39.28	-	-	-	-	68.2	-28.92	0-360	200	V
6	* 15.571	19.18	PK	40	-16.2	0	42.98	-	-	74	-31.02	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

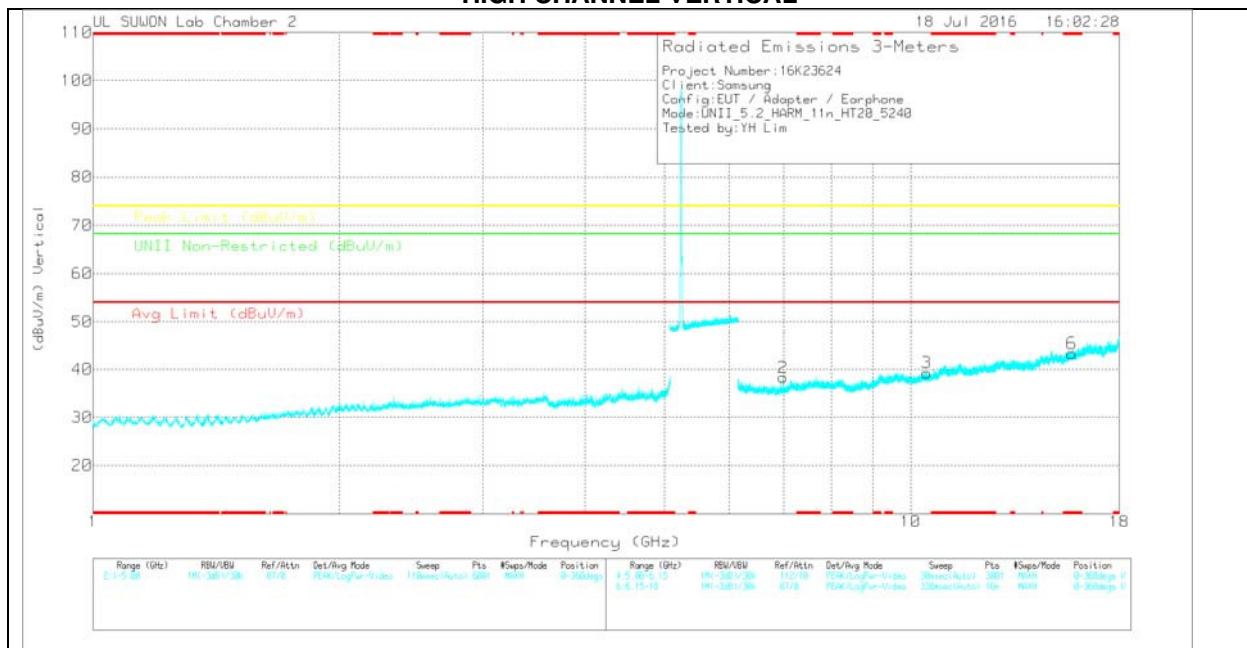
PK – Peak detector

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(0016 8724)_150 619	Path_5	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	6.977	22.2	PK	35.5	-22.1	0	35.6	-	-	-	-	68.2	-32.6	0-360	200	H
4	10.465	19.17	PK	37.7	-17.8	0	39.07	-	-	-	-	68.2	-29.13	0-360	200	H
5	* 15.75	19.9	PK	40.2	-16.7	0	43.4	-	-	74	-30.6	-	-	0-360	100	H
2	6.986	24.8	PK	35.5	-22	0	38.3	-	-	-	-	68.2	-29.9	0-360	200	V
3	10.464	19.38	PK	37.7	-17.8	0	39.28	-	-	-	-	68.2	-28.92	0-360	100	V
6	* 15.75	19.81	PK	40.2	-16.7	0	43.31	-	-	74	-30.69	-	-	0-360	200	V

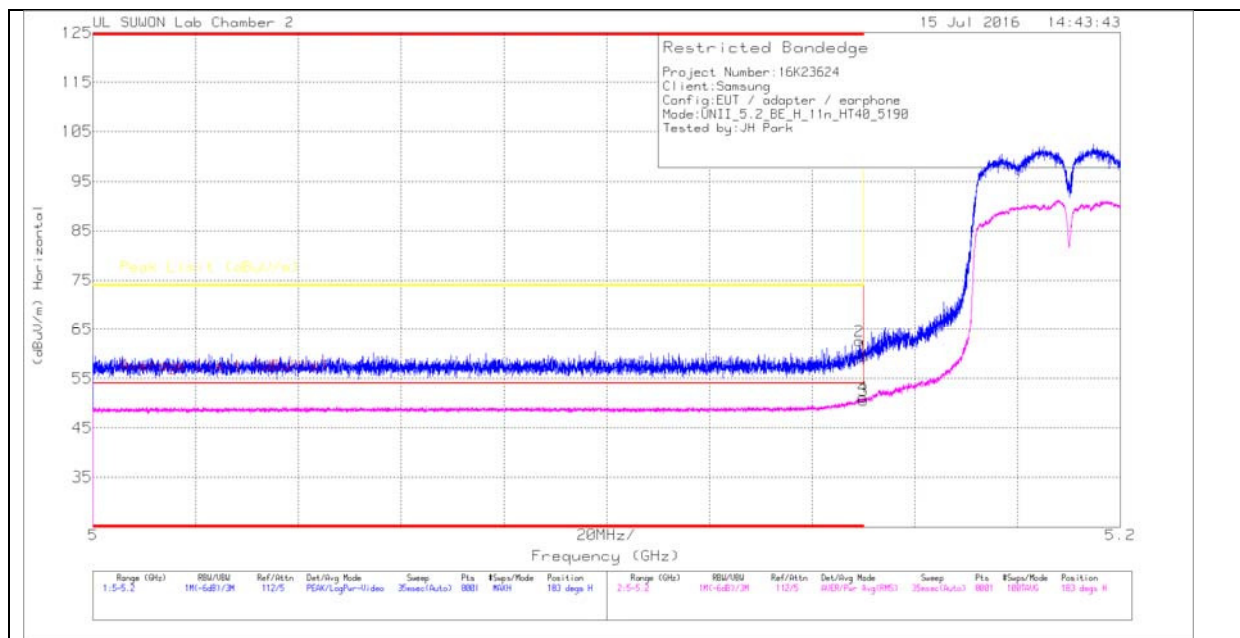
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak Detector

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

11.1.3. TX Above 1GHz 802.11n HT40 2TX CDD MODE IN THE 5.2GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

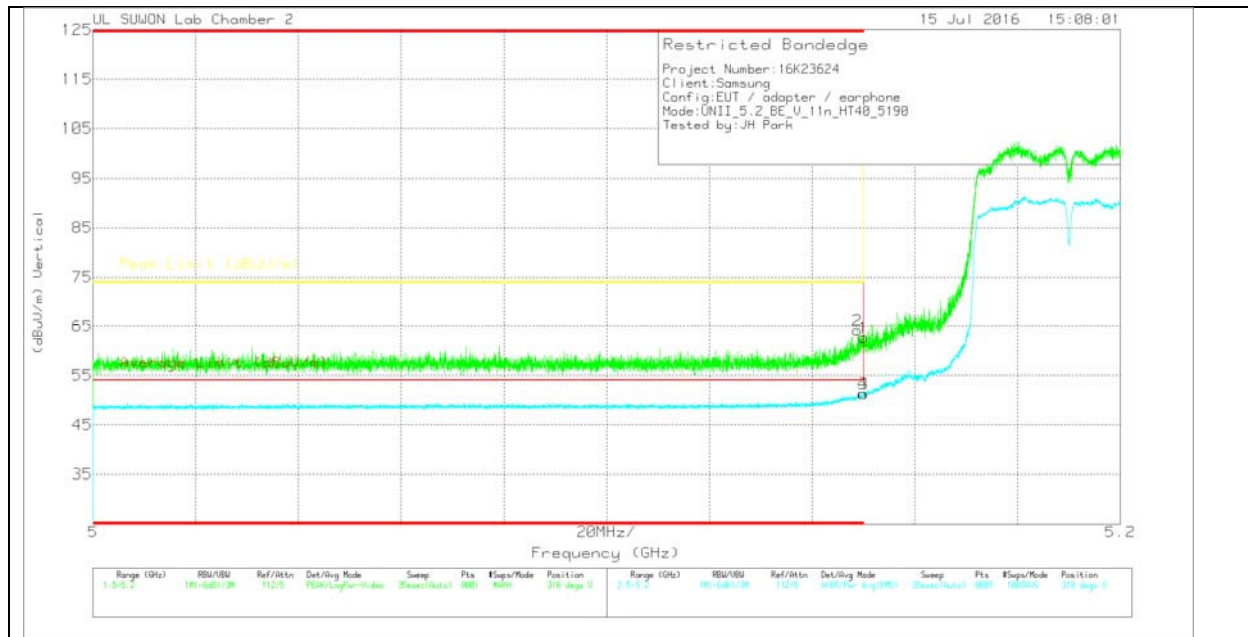
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	41.74	Pk	34.1	-16.4	0	59.44	-	-	74	-14.56	183	104	H
2	* 5.149	44.83	Pk	34.1	-16.4	0	62.53	-	-	74	-11.47	183	104	H
3	* 5.15	32.27	RMS	34.1	-16.4	.59	50.56	54	-3.44	-	-	183	104	H
4	* 5.15	32.85	RMS	34.1	-16.4	.59	51.14	54	-2.86	-	-	183	104	H

* - indicates frequency in CFR15.205/IC7.2.2 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(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.15	44.98	Pk	34.1	-16.4	0	62.68	-	-	74	-11.32	318	250	V
2	* 5.149	46.46	Pk	34.1	-16.4	0	64.16	-	-	74	-9.84	318	250	V
3	* 5.15	32.97	RMS	34.1	-16.4	.59	51.26	54	-2.74	-	-	318	250	V
4	* 5.15	33.07	RMS	34.1	-16.4	.59	51.36	54	-2.64	-	-	318	250	V

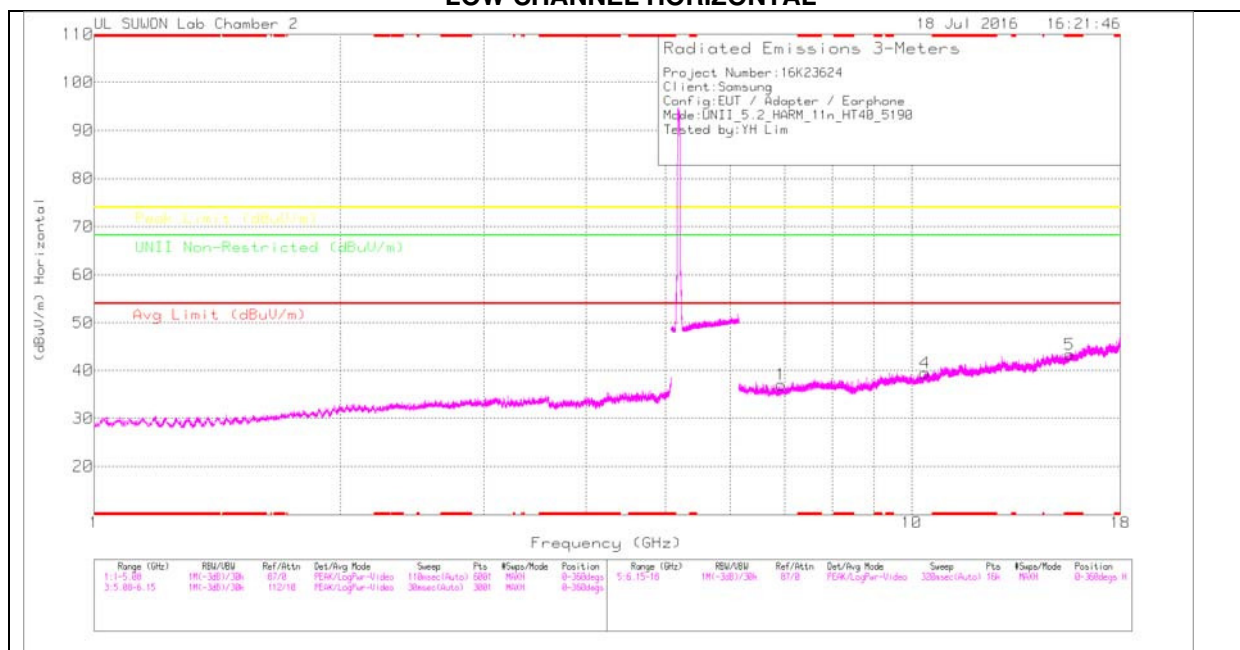
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

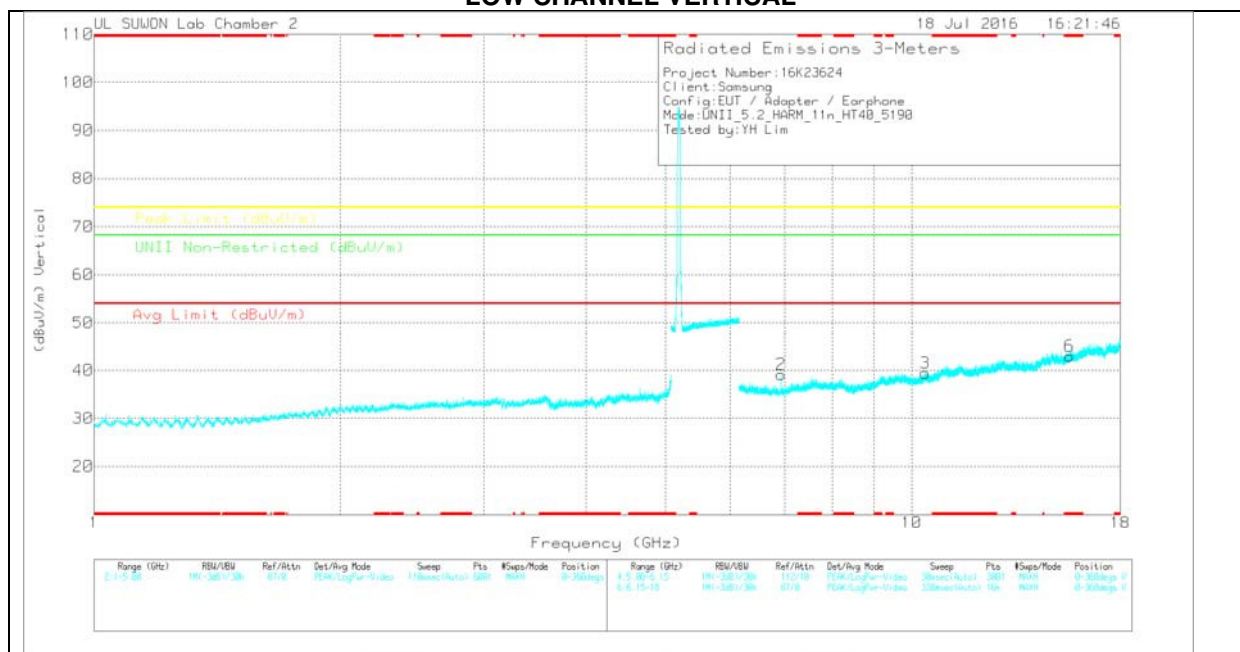
RMS - RMS detection

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

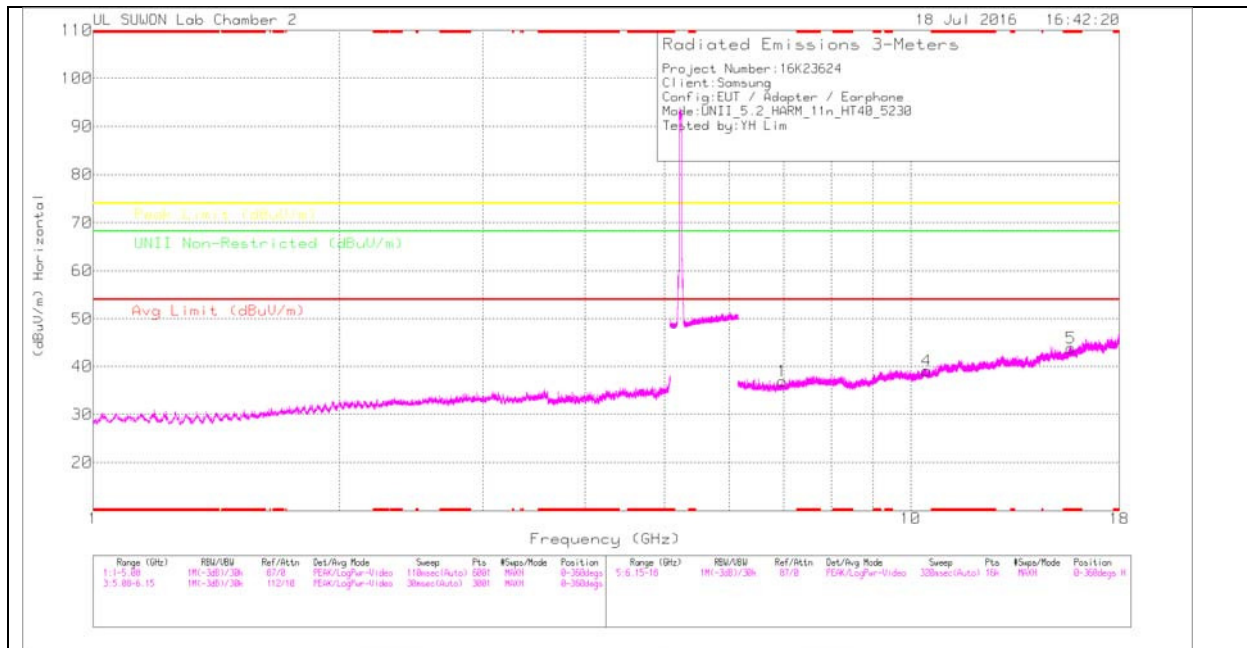
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	6.922	24.31	PK	35.5	-22.8	0	37.01	-	-	-	-	68.2	-31.19	0-360	200	H
4	10.385	19.85	PK	37.6	-18	0	39.45	-	-	-	-	68.2	-28.75	0-360	200	H
5	* 15.606	19.58	PK	40	-16.3	0	43.28	-	-	74	-30.72	-	-	0-360	200	H
2	6.919	26.42	PK	35.5	-22.8	0	39.12	-	-	-	-	68.2	-29.08	0-360	200	V
3	10.386	19.82	PK	37.6	-18	0	39.42	-	-	-	-	68.2	-28.78	0-360	100	V
6	* 15.61	19.25	PK	40	-16.3	0	42.95	-	-	74	-31.05	-	-	0-360	200	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

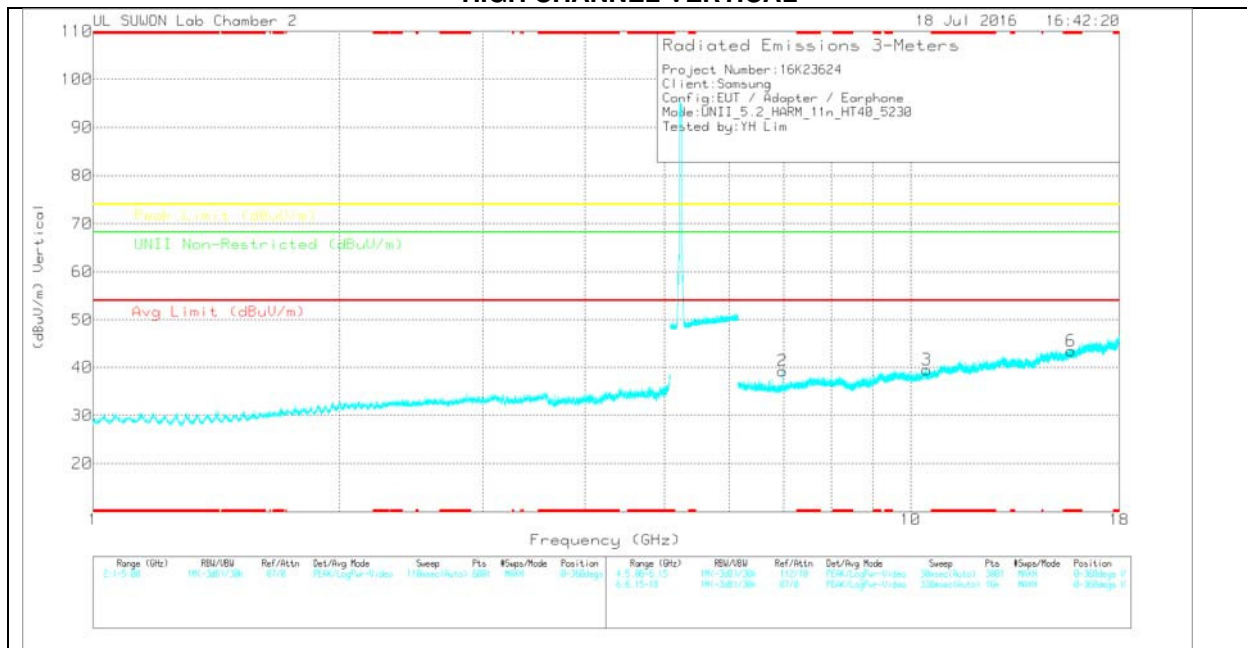
PK – Peak Detector

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(0016 8724)_150 619	Path_5	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	6.974	23.53	PK	35.5	-22.1	0	36.93	-	-	-	-	68.2	-31.27	0-360	100	H
4	10.464	19.19	PK	37.7	-17.8	0	39.09	-	-	-	-	68.2	-29.11	0-360	200	H
5	* 15.704	20.17	PK	40.1	-16.5	0	43.77	-	-	74	-30.23	-	-	0-360	200	H
2	6.973	25.87	PK	35.5	-22.1	0	39.27	-	-	-	-	68.2	-28.93	0-360	200	V
3	10.466	19.62	PK	37.7	-17.8	0	39.52	-	-	-	-	68.2	-28.68	0-360	200	V
6	* 15.705	19.83	PK	40.1	-16.5	0	43.43	-	-	74	-30.57	-	-	0-360	200	V

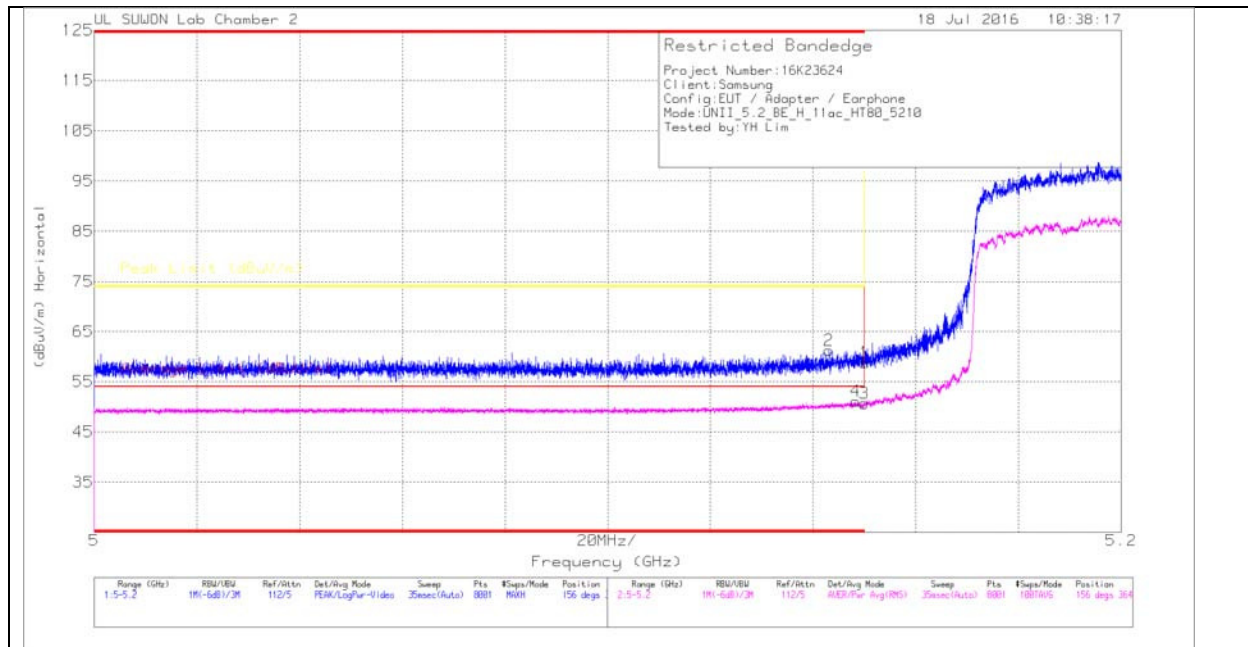
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak Detector

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

11.1.4. TX ABOVE 1GHz 802.11ac VHT80 2TX CDD MODE IN THE 5.2GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

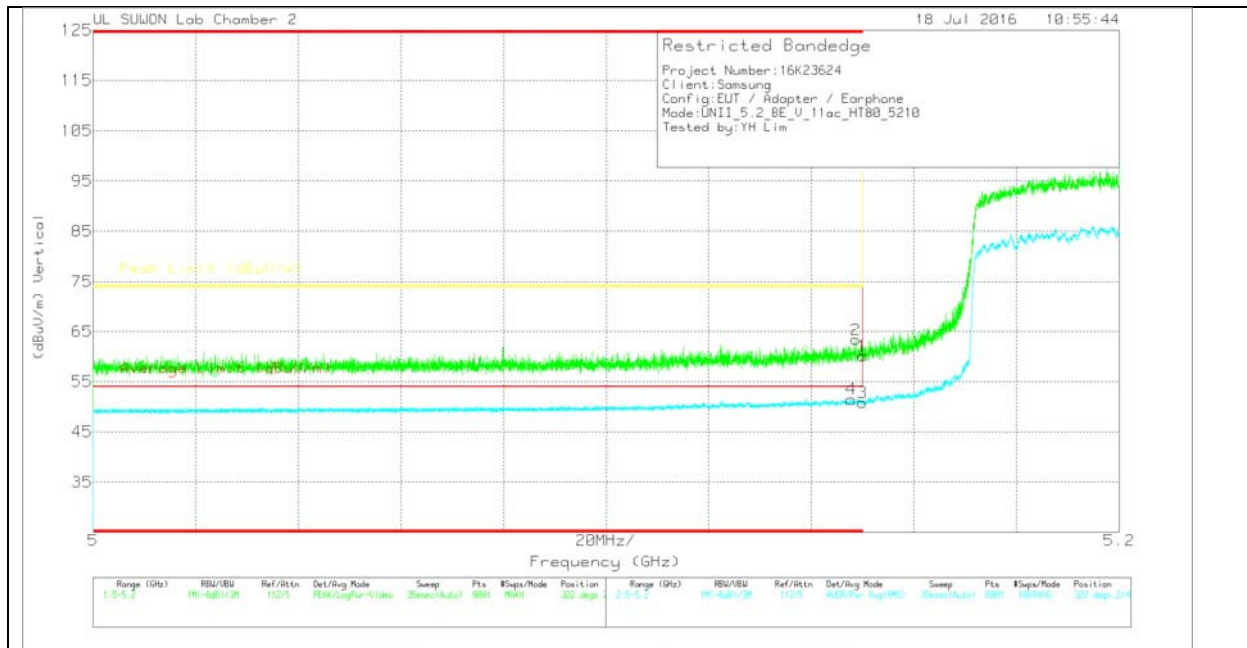
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	41.1	Pk		-16.4	0	58.8	-	-	74	-15.2	156	364	H
2	* 5.143	43.51	Pk		-16.4	0	61.21	-	-	74	-12.79	156	364	H
3	* 5.15	31.88	RMS		-16.4	1.11	50.69	54	-3.31	-	-	156	364	H
4	* 5.148	32.33	RMS		-16.4	1.11	51.14	54	-2.86	-	-	156	364	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 24_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	42.41	Pk	34.1	-16.4	0	60.11	-	-	74	-13.89	322	214	V
2	* 5.149	45.68	Pk	34.1	-16.4	0	63.38	-	-	74	-10.62	322	214	V
3	* 5.15	32.01	RMS	34.1	-16.4	1.11	50.82	54	-3.18	-	-	322	214	V
4	* 5.148	32.7	RMS	34.1	-16.4	1.11	51.51	54	-2.49	-	-	322	214	V

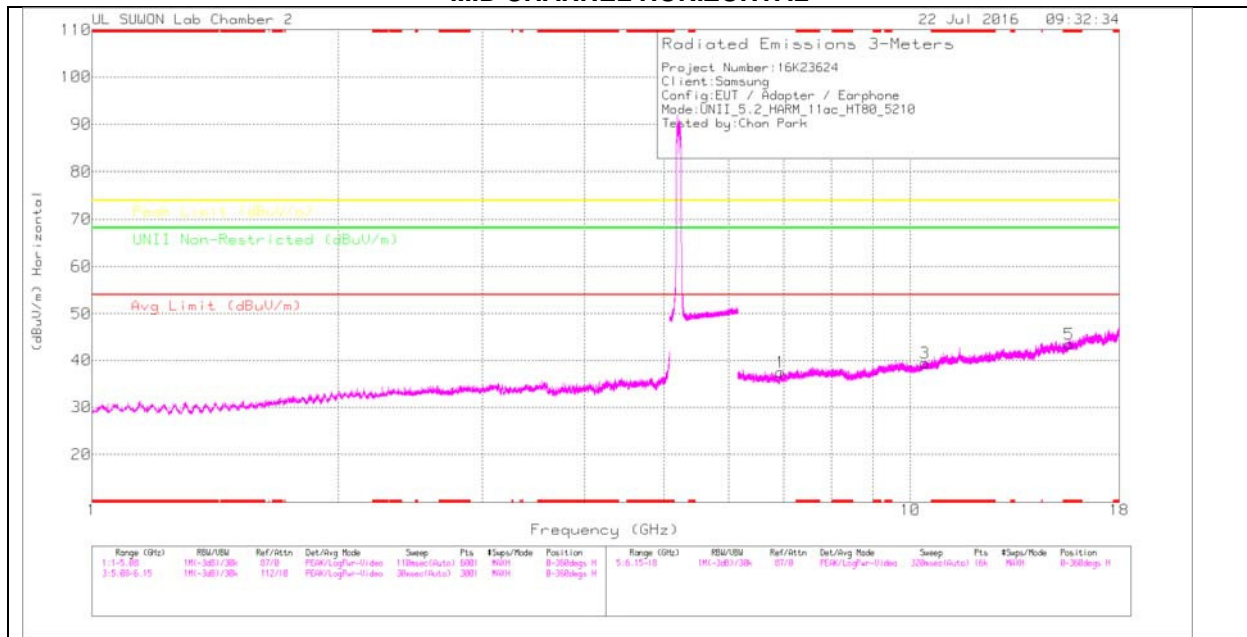
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

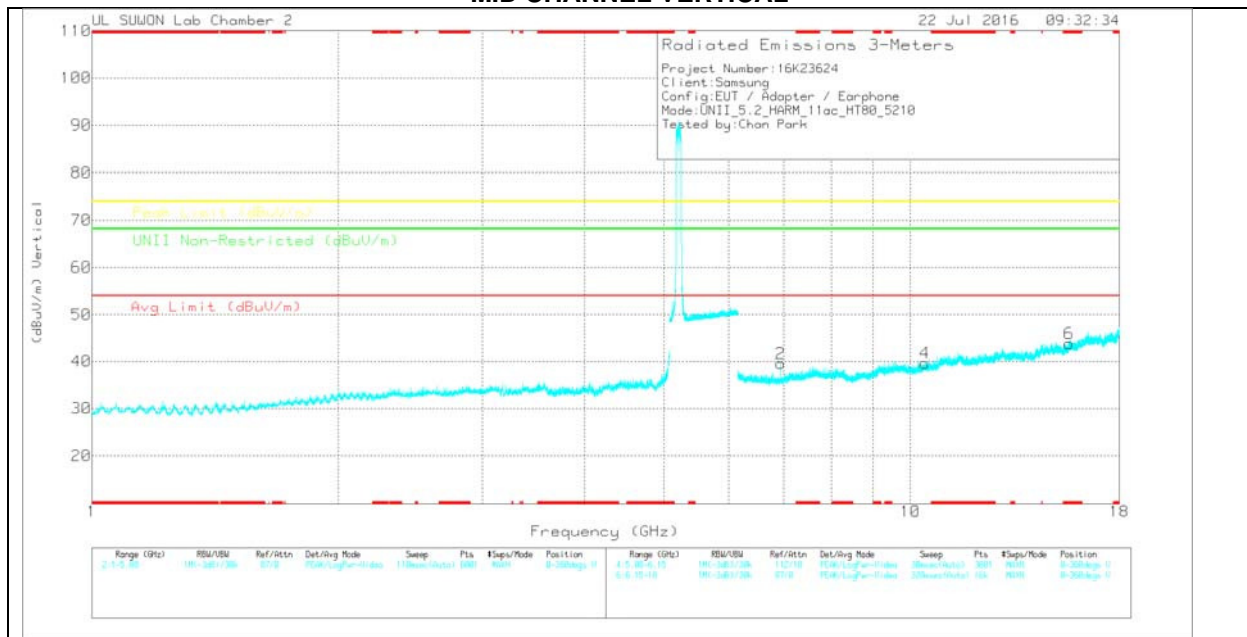
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_5	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	6.946	24.33	PK	35.5	-22.4	0	37.43	-	-	-	-	68.2	-30.77	0-360	100	H
3	10.418	19.67	PK	37.6	-17.8	0	39.47	-	-	-	-	68.2	-28.73	0-360	200	H
5	* 15.629	19.81	PK	40	-16.4	0	43.41	-	-	74	-30.59	-	-	0-360	200	H
2	6.946	26.4	PK	35.5	-22.4	0	39.5	-	-	-	-	68.2	-28.7	0-360	200	V
4	10.414	19.82	PK	37.6	-17.8	0	39.62	-	-	-	-	68.2	-28.58	0-360	100	V
6	* 15.625	20.16	PK	40	-16.4	0	43.76	-	-	74	-30.24	-	-	0-360	200	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

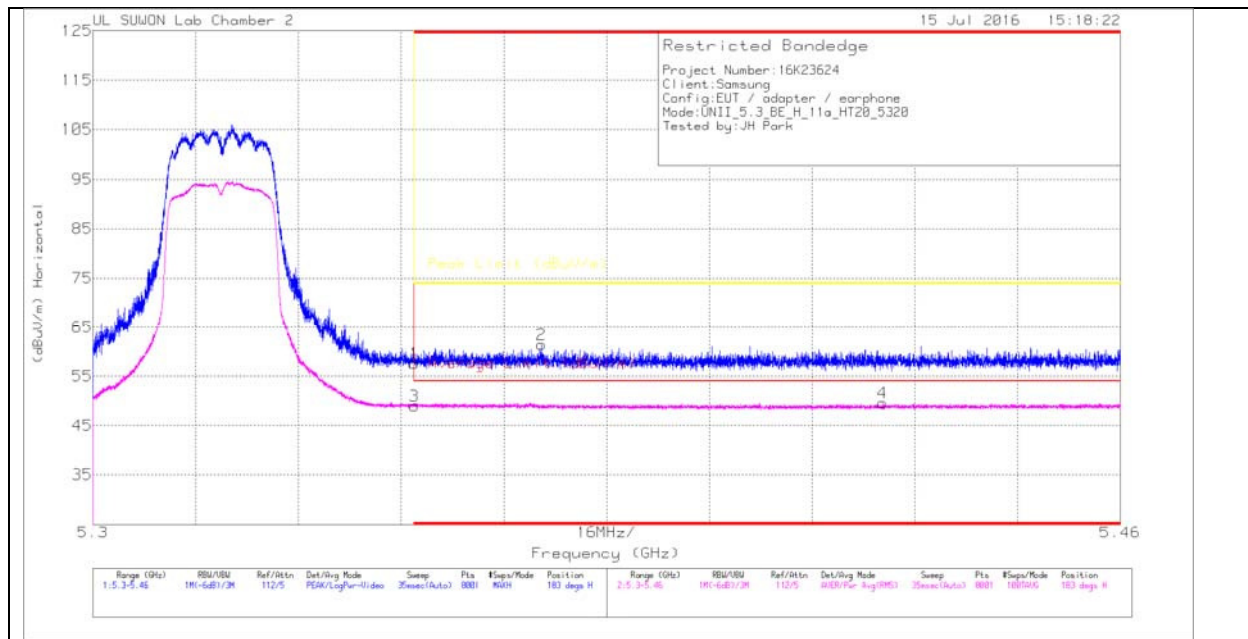
PK – Peak detector

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

11.2. 5.3 GHz

11.2.1. TX ABOVE 1 GHz 802.11a 2TX CDD MODE IN THE 5.3 GHz BAND AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

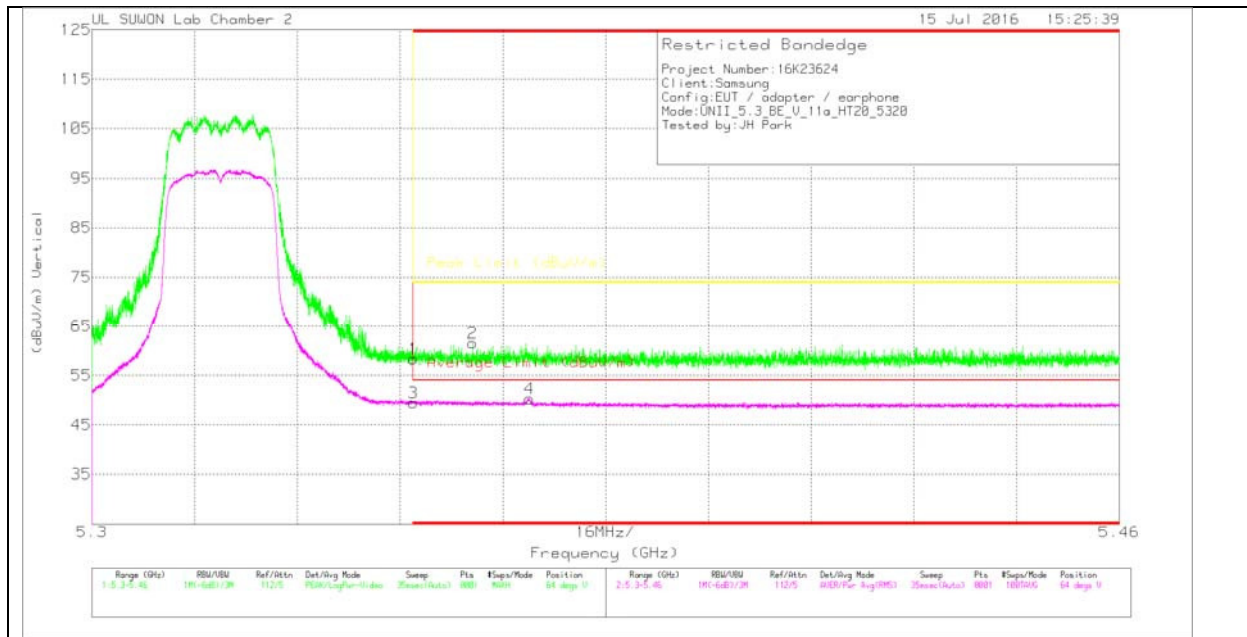
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	39.48	Pk	34.4	-16.3	0	57.58	-	-	74	-16.42	183	115	H
2	* 5.37	43.39	Pk	34.4	-16.3	0	61.49	-	-	74	-12.51	183	115	H
3	* 5.35	30.52	RMS	34.4	-16.3	.29	48.91	54	-5.09	-	-	183	115	H
4	* 5.423	31.24	RMS	34.4	-16.3	.29	49.63	54	-4.37	-	-	183	115	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 24_150619	Path_2_10dB	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	40.3	Pk	34.4	-16.3	0	58.4	-	-	74	-15.6	64	237	V
2	* 5.359	43.47	Pk	34.4	-16.3	0	61.57	-	-	74	-12.43	64	237	V
3	* 5.35	31.09	RMS	34.4	-16.3	.29	49.48	54	-4.52	-	-	64	237	V
4	* 5.368	31.88	RMS	34.4	-16.3	.29	50.27	54	-3.73	-	-	64	237	V

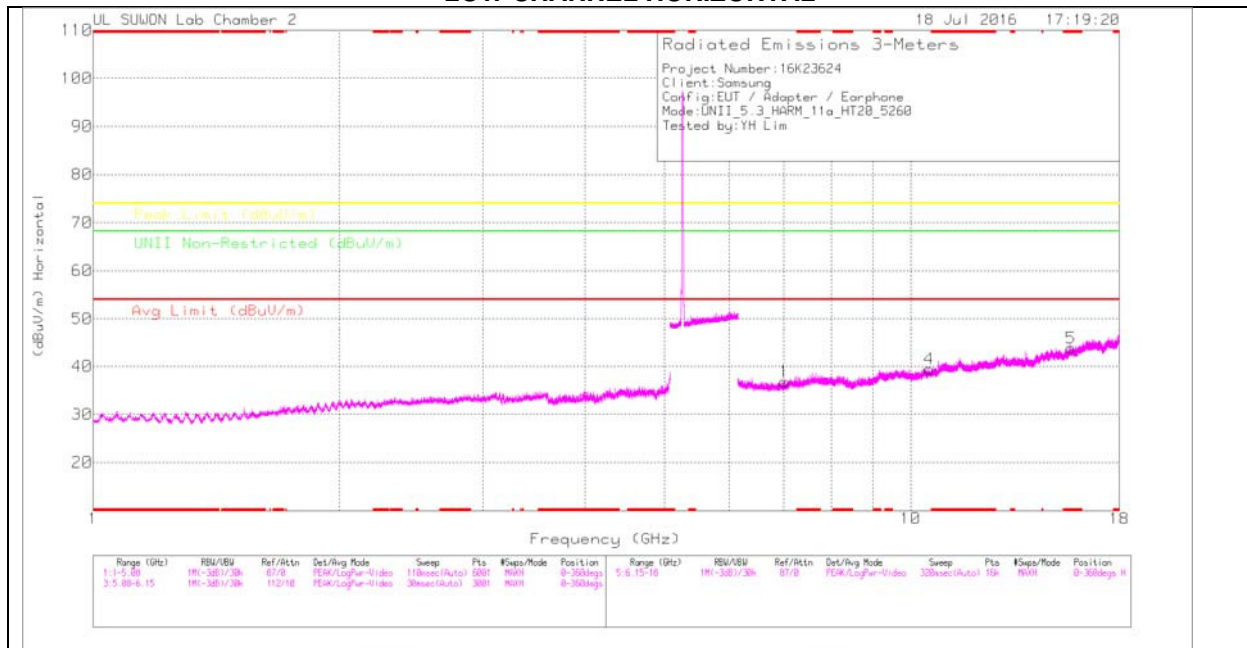
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

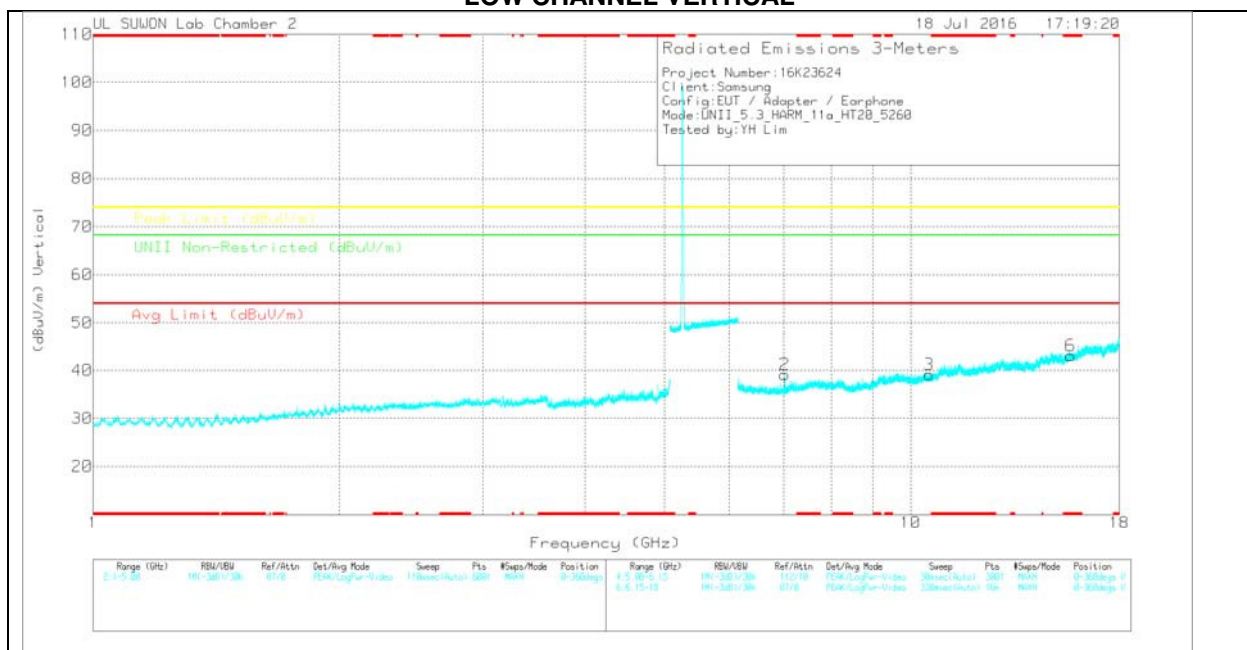
RMS - RMS detection

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

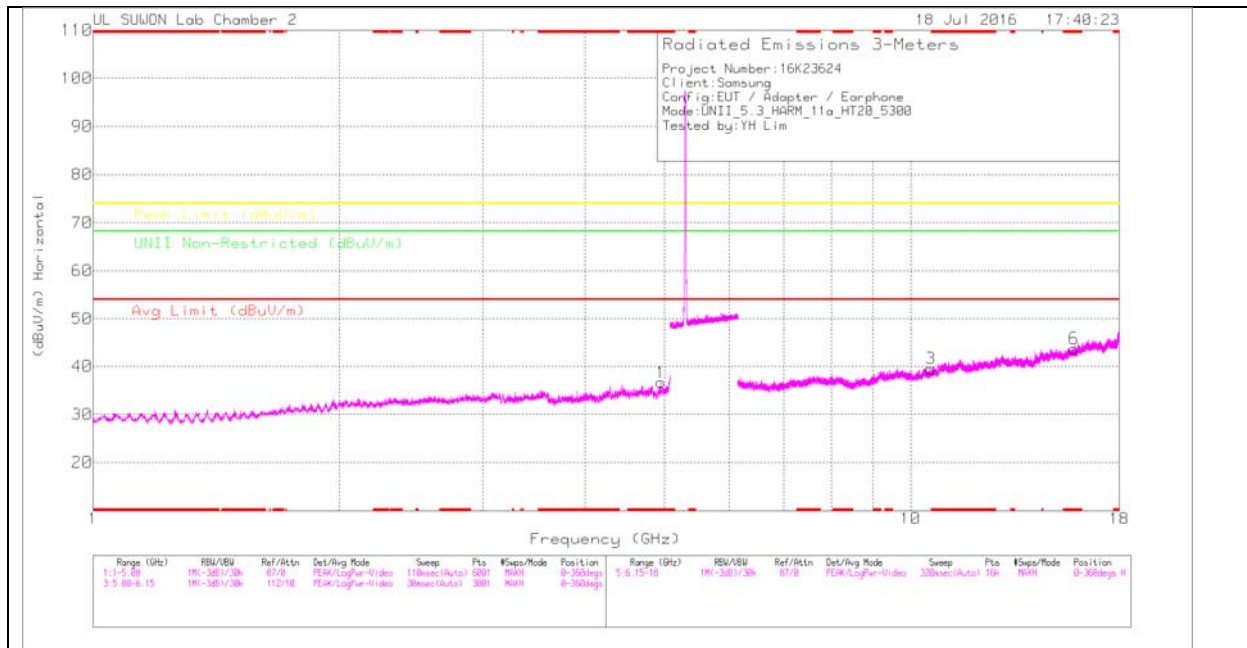
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.013	23.03	Pk	35.6	-21.8	0	36.83	-	-	-	-	68.2	-31.37	0-360	100	H
4	10.54	19.76	Pk	37.7	-18	0	39.46	-	-	-	-	68.2	-28.74	0-360	100	H
5	* 15.709	20.2	Pk	40.1	-16.5	0	43.8	-	-	74	-30.2	-	-	0-360	200	H
2	7.013	25.32	Pk	35.6	-21.8	0	39.12	-	-	-	-	68.2	-29.08	0-360	200	V
3	10.537	19.41	Pk	37.7	-18	0	39.11	-	-	-	-	68.2	-29.09	0-360	200	V
6	* 15.694	19.46	Pk	40.1	-16.5	0	43.06	-	-	74	-30.94	-	-	0-360	200	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

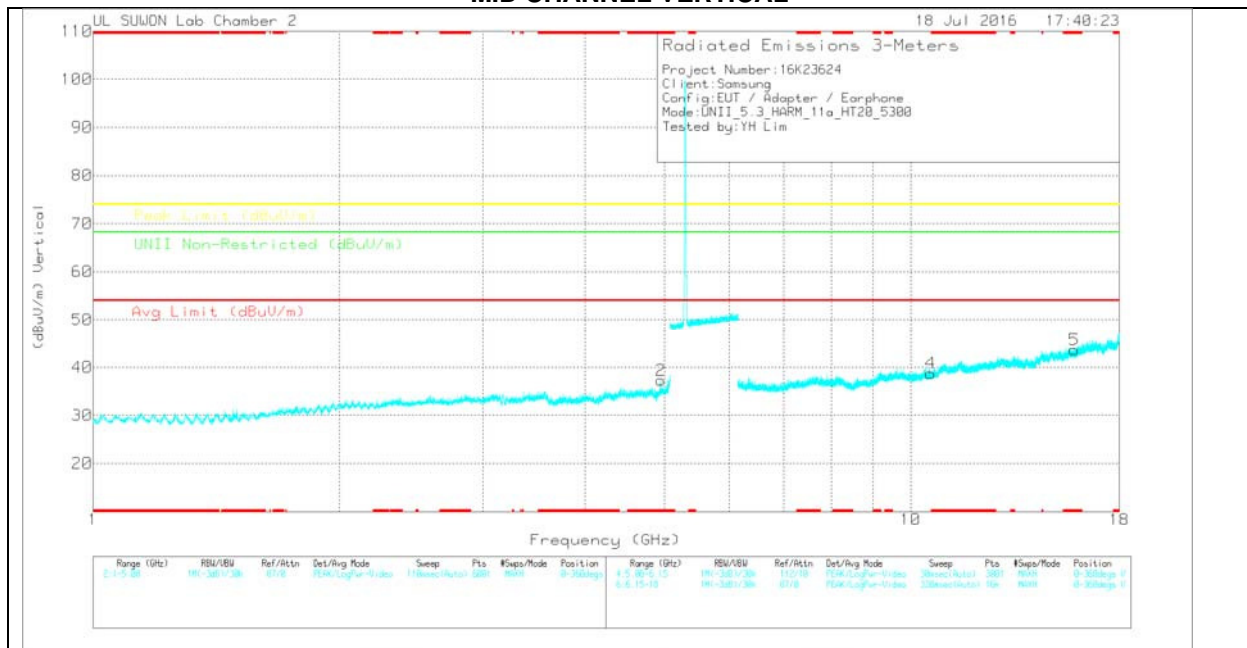
Pk – Peak detector

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

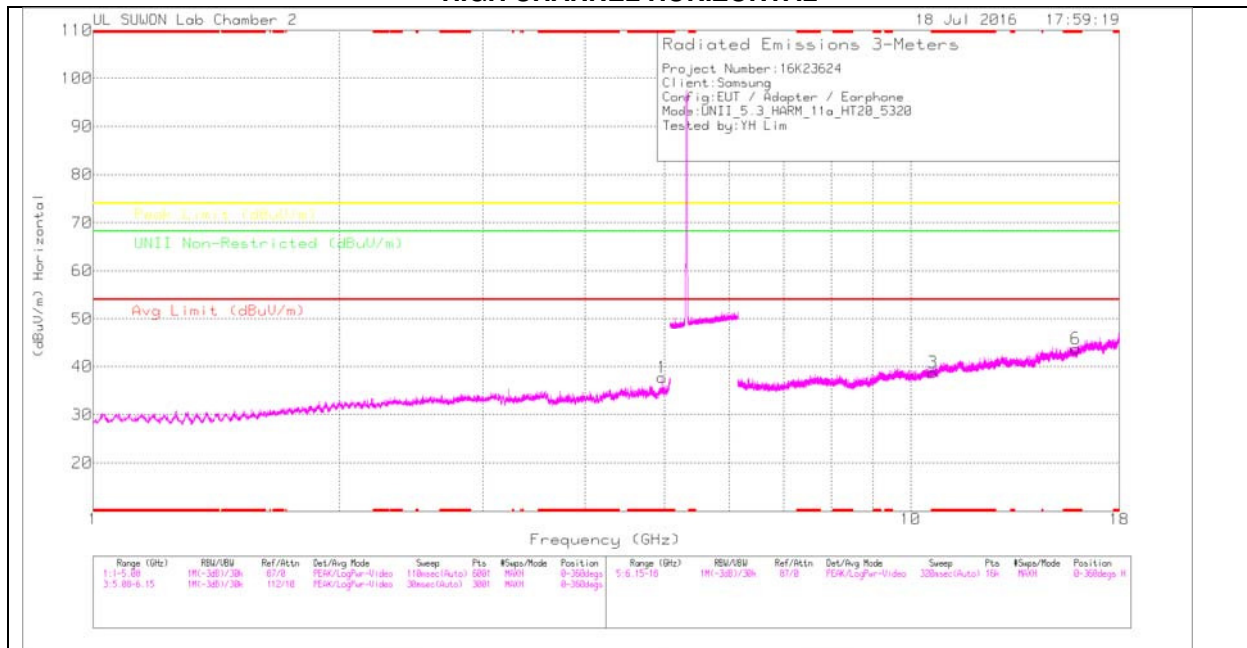
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117/0016 8724_150 619	Path_4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.949	27.58	Pk	33.9	-24.8	0	36.68	-	-	74	-37.32	-	-	0-360	100	H
2	* 4.948	28.18	Pk	33.9	-24.8	0	37.28	-	-	74	-36.72	-	-	0-360	200	V
3	10.585	19.73	Pk	37.8	-18	0	39.53	-	-	-	-	68.2	-28.67	0-360	200	H
6	* 15.842	19.9	Pk	40.3	-16.5	0	43.7	-	-	74	-30.3	-	-	0-360	100	H
4	10.583	18.97	Pk	37.8	-18	0	38.77	-	-	-	-	68.2	-29.43	0-360	100	V
5	* 15.856	19.86	Pk	40.3	-16.5	0	43.66	-	-	74	-30.34	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

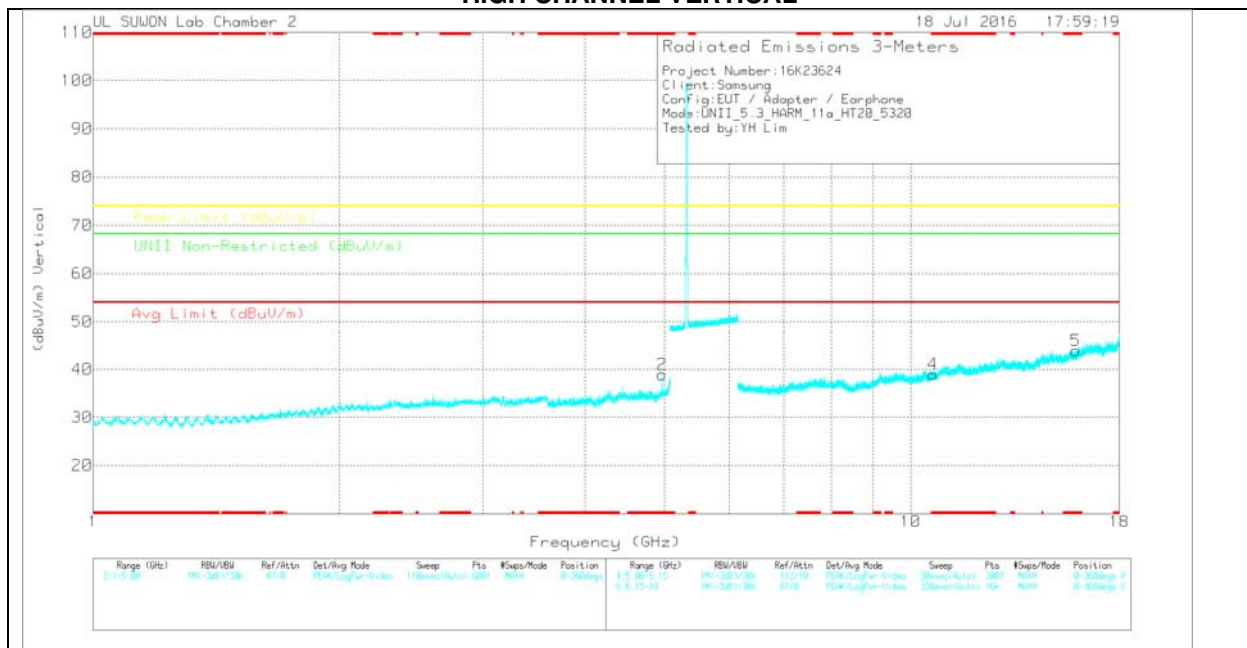
Pk – Peak detector

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	3117/0016 8724_150 619	Path_4	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	* 4.968	28.32	Pk	33.9	-24.5	0	37.72	-	-	74	-36.28	-	-	0-360	100	H
2	* 4.968	29.52	Pk	33.9	-24.5	0	38.92	-	-	74	-35.08	-	-	0-360	200	V
3	* 10.646	18.85	Pk	37.8	-17.9	0	38.75	-	-	74	-35.25	-	-	0-360	200	H
6	* 15.924	19.5	Pk	40.4	-16.2	0	43.7	-	-	74	-30.3	-	-	0-360	200	H
4	* 10.64	19.09	Pk	37.8	-17.9	0	38.99	-	-	74	-35.01	-	-	0-360	100	V
5	* 15.925	19.68	Pk	40.4	-16.2	0	43.88	-	-	74	-30.12	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

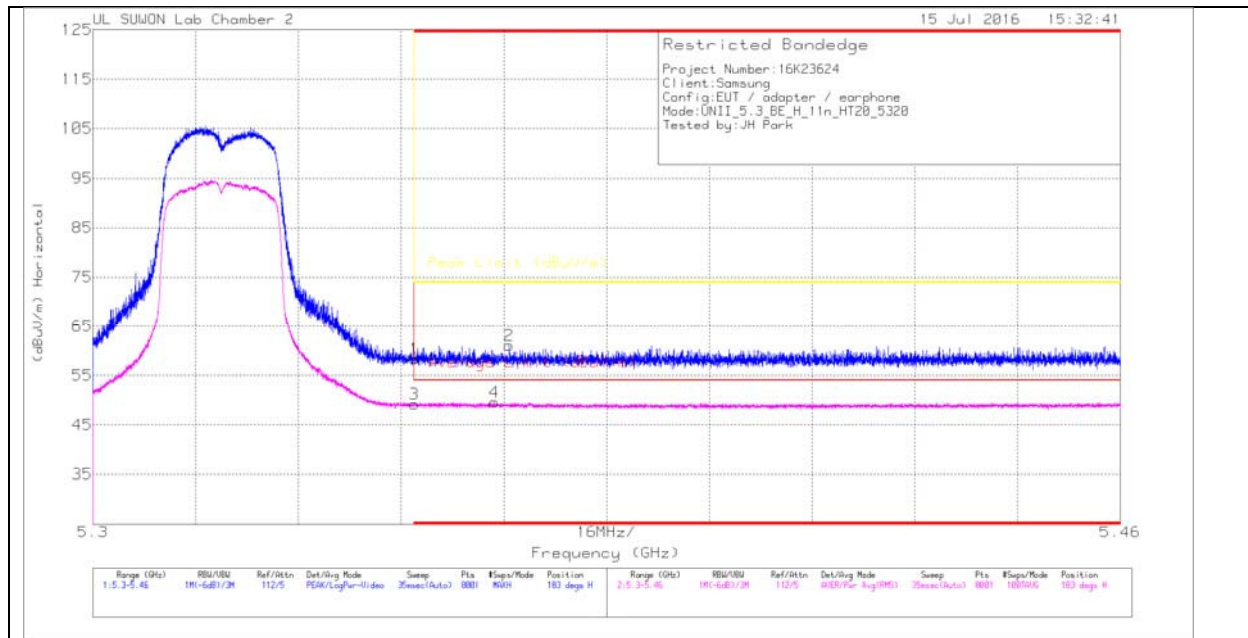
Pk – Peak detector

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

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

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

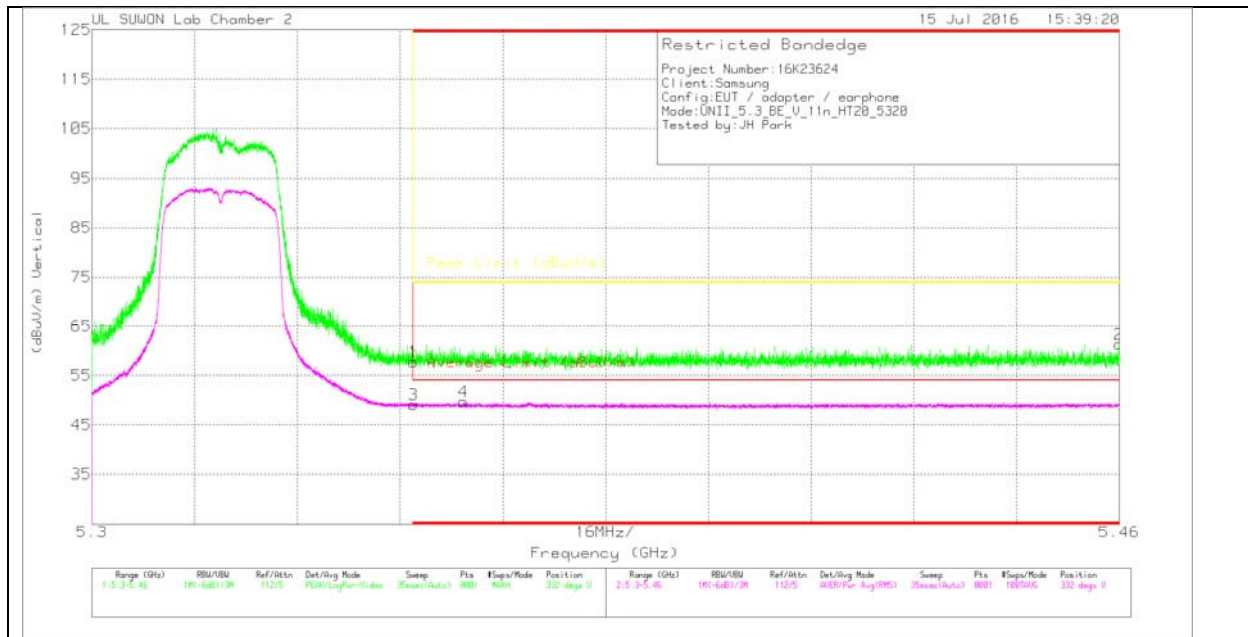
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	40.21	Pk	34.4	-16.3	0	58.31	-	-	74	-15.69	183	117	H
2	* 5.365	43.04	Pk	34.4	-16.3	0	61.14	-	-	74	-12.86	183	117	H
3	* 5.35	30.84	RMS	34.4	-16.3	.31	49.25	54	-4.75	-	-	183	117	H
4	* 5.363	31.16	RMS	34.4	-16.3	.31	49.57	54	-4.43	-	-	183	117	H

* - indicates frequency in CFR15.205/IC7.2.2 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(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.35	39.62	Pk	34.4	-16.3	0	57.72	-	-	74	-16.28	332	223	V
2	* 5.46	43	Pk	34.5	-16.2	0	61.3	-	-	74	-12.7	332	223	V
3	* 5.35	30.64	RMS	34.4	-16.3	.31	49.05	54	-4.95	-	-	332	223	V
4	* 5.358	31.27	RMS	34.4	-16.3	.31	49.68	54	-4.32	-	-	332	223	V

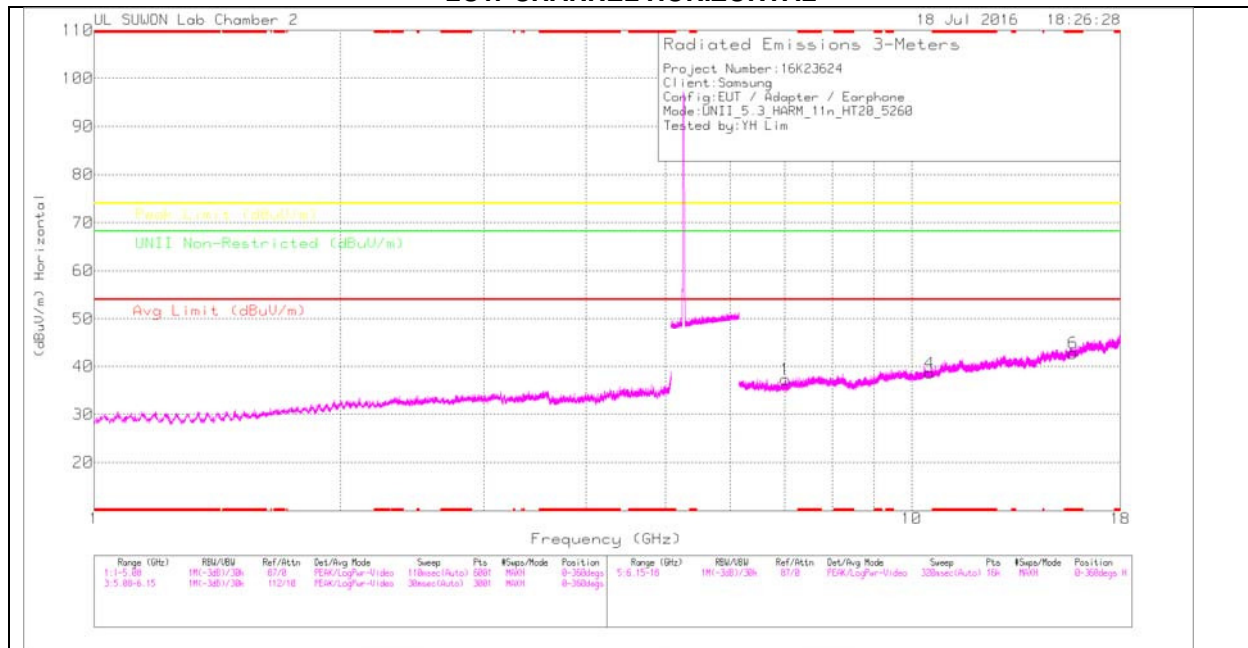
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

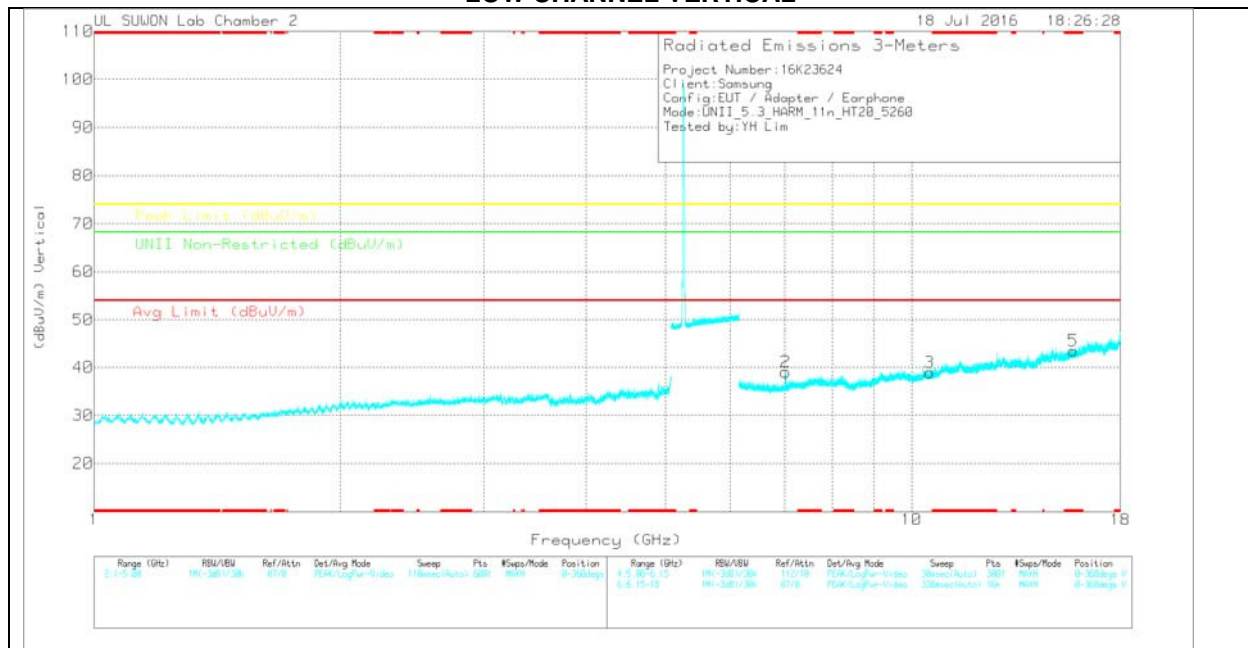
RMS - RMS detection

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

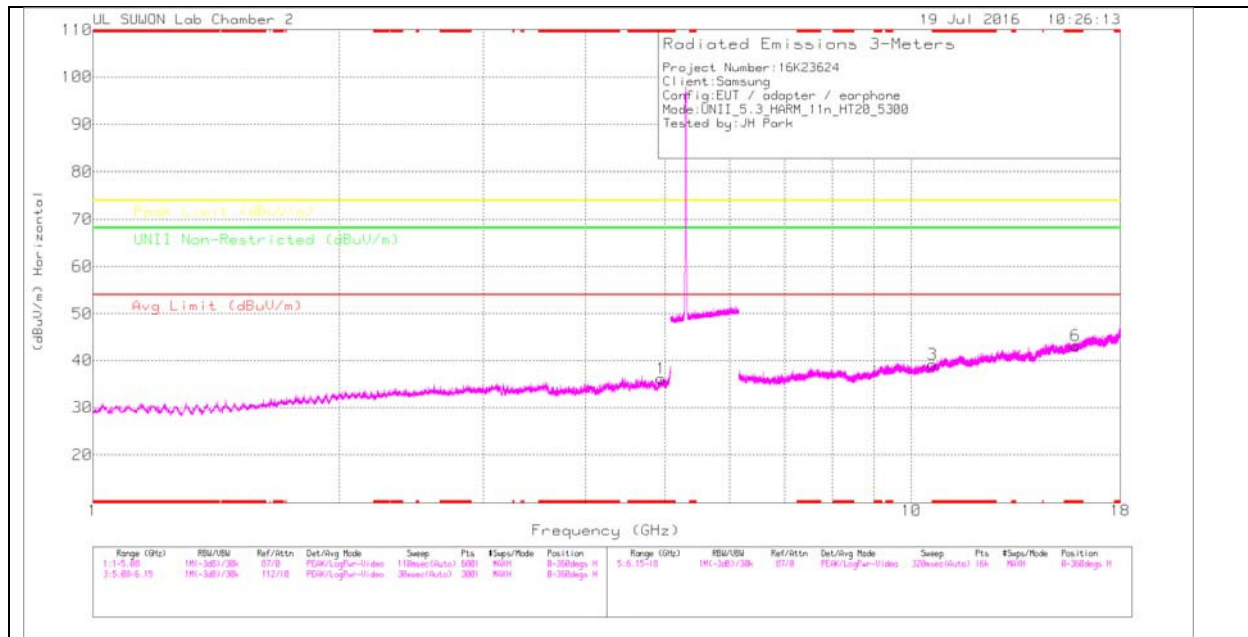
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.013	23.5	Pk	35.6	-21.8	0	37.3	-	-	-	-	68.2	-30.9	0-360	200	H
4	10.52	18.89	Pk	37.7	-18	0	38.59	-	-	-	-	68.2	-29.61	0-360	100	H
6	* 15.753	19.23	Pk	40.2	-16.7	0	42.73	-	-	74	-31.27	-	-	0-360	200	H
2	7.013	25.23	Pk	35.6	-21.8	0	39.03	-	-	-	-	68.2	-29.17	0-360	200	V
3	10.525	19.21	Pk	37.7	-18	0	38.91	-	-	-	-	68.2	-29.29	0-360	100	V
5	* 15.769	19.85	Pk	40.2	-16.6	0	43.45	-	-	74	-30.55	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

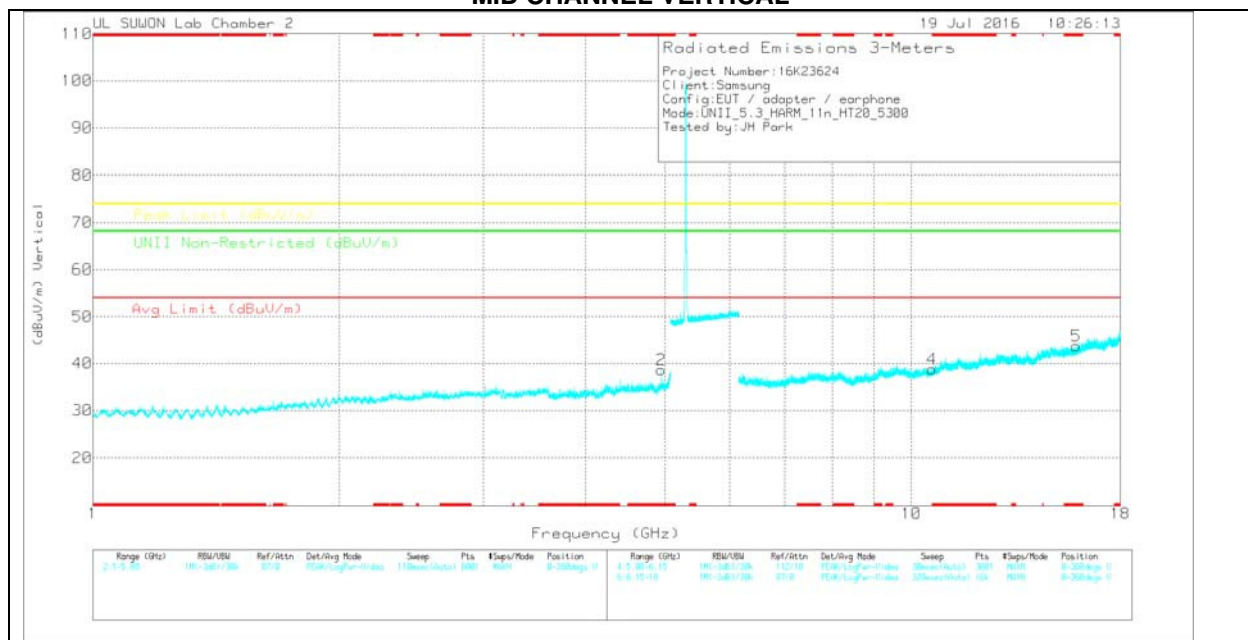
Pk – Peak detector

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

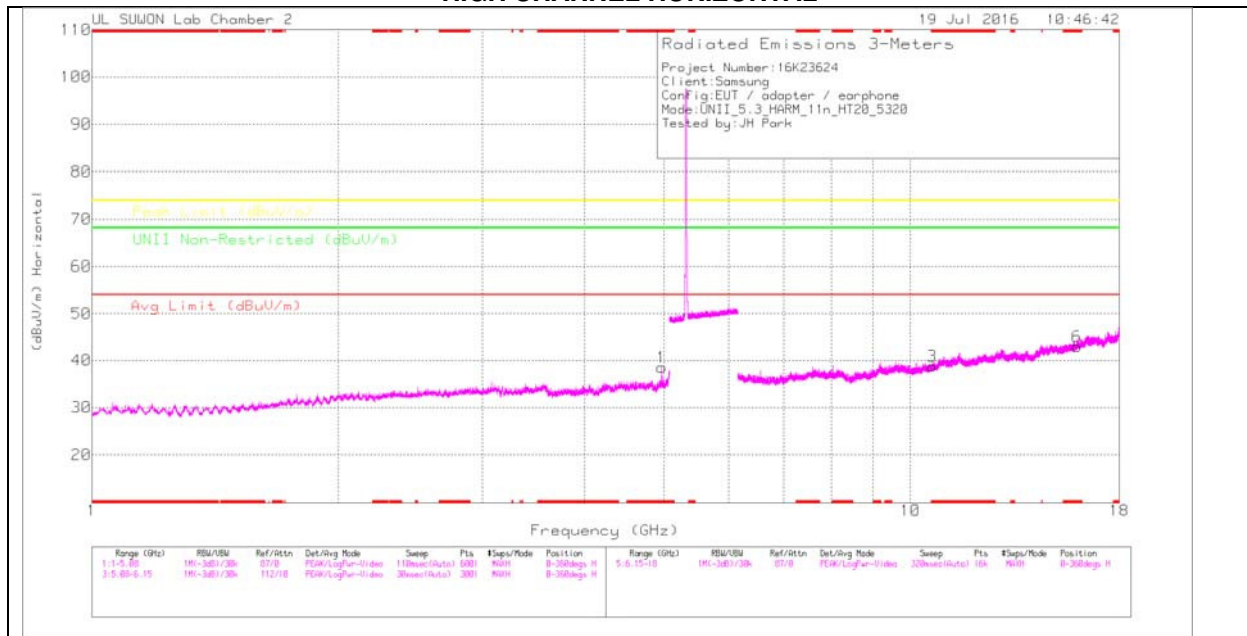
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117/0016 8724_150 619	Path_4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.947	27.08	Pk	33.9	-24.8	0	36.18	-	-	74	-37.82	-	-	0-360	100	H
2	* 4.948	29.5	Pk	33.9	-24.8	0	38.6	-	-	74	-35.4	-	-	0-360	200	V
3	* 10.607	19.34	Pk	37.8	-18	0	39.14	-	-	74	-34.86	-	-	0-360	100	H
6	* 15.879	19.21	Pk	40.3	-16.4	0	43.11	-	-	74	-30.89	-	-	0-360	100	H
4	* 10.604	18.92	Pk	37.8	-18	0	38.72	-	-	74	-35.28	-	-	0-360	200	V
5	* 15.889	19.71	Pk	40.4	-16.4	0	43.71	-	-	74	-30.29	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

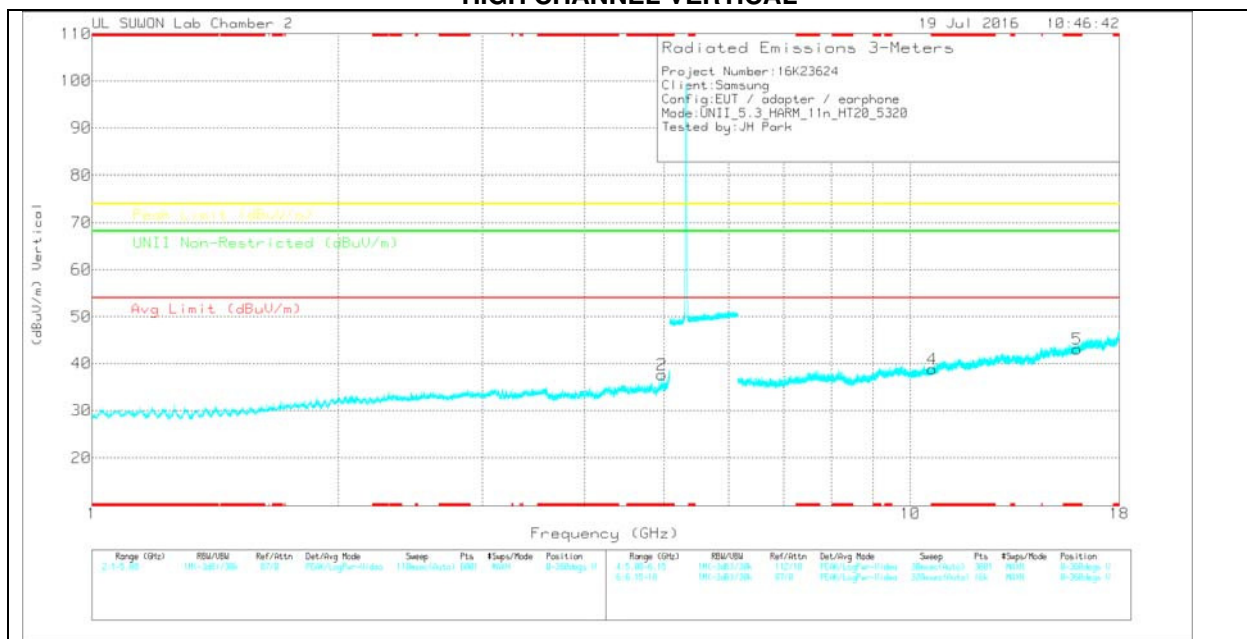
Pk – Peak detector

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	3117/0016 8724/150 619	Path_4	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	* 4.968	29.14	Pk	33.9	-24.5	0	38.54	-	-	74	-35.46	-	-	0-360	100	H
2	* 4.968	28.17	Pk	33.9	-24.5	0	37.57	-	-	74	-36.43	-	-	0-360	200	V
3	* 10.641	18.86	Pk	37.8	-17.9	0	38.76	-	-	74	-35.24	-	-	0-360	100	H
6	* 15.972	18.46	Pk	40.5	-16.1	0	42.86	-	-	74	-31.14	-	-	0-360	200	H
4	* 10.638	18.86	Pk	37.8	-17.9	0	38.76	-	-	74	-35.24	-	-	0-360	200	V
5	* 15.977	18.7	Pk	40.5	-16.1	0	43.1	-	-	74	-30.9	-	-	0-360	200	V

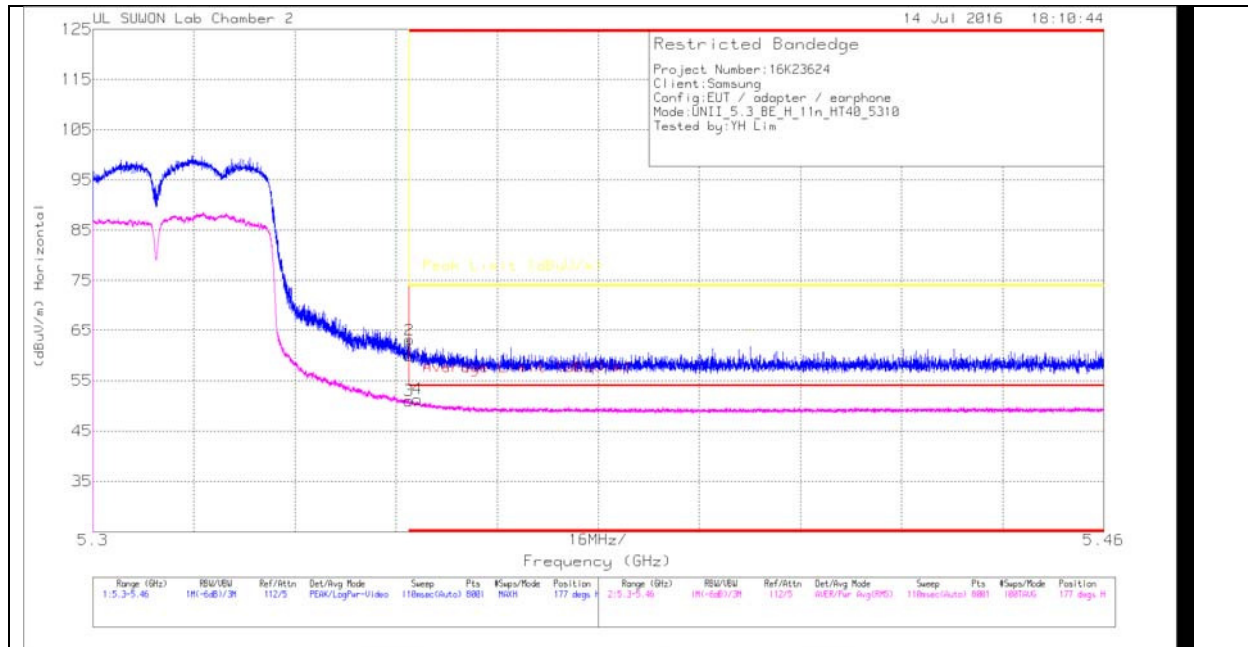
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

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 2TX CDD MODE IN THE 5.3GHz BAND AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

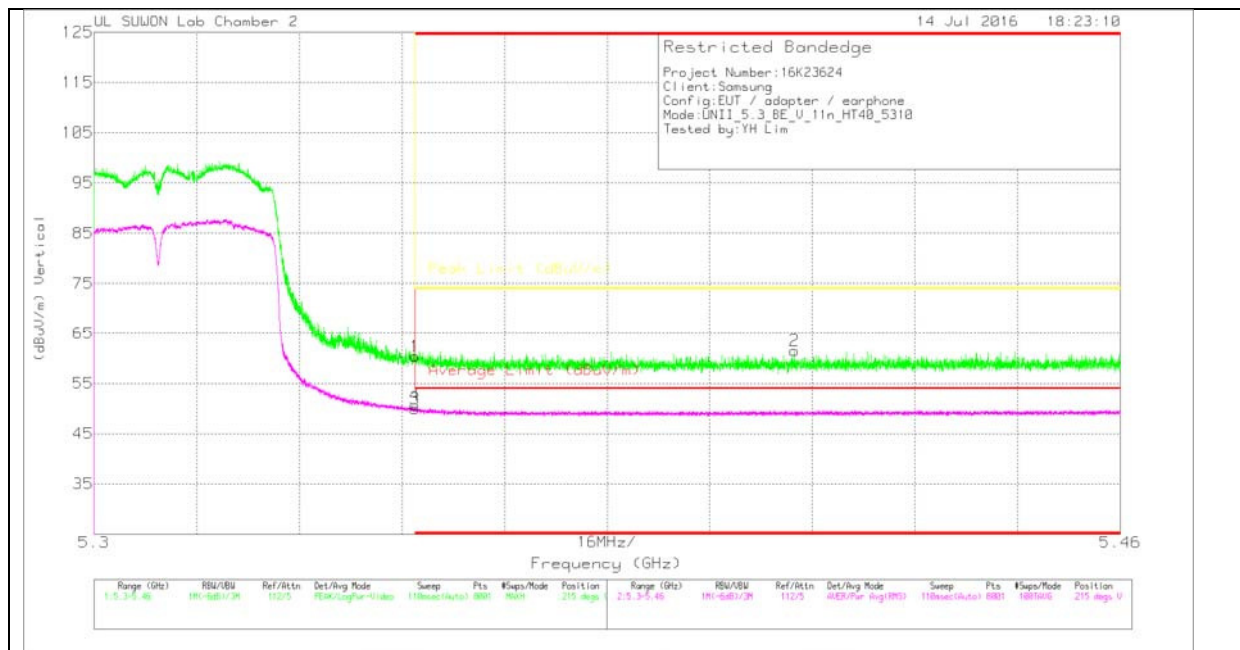
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	41.81	Pk	34.4	-16.3	0	59.91	-	-	74	-14.09	177	306	H
2	* 5.35	44.99	Pk	34.4	-16.3	0	63.09	-	-	74	-10.91	177	306	H
3	* 5.35	31.79	RMS	34.4	-16.3	.59	50.48	54	-3.52	-	-	177	306	H
4	* 5.351	32.13	RMS	34.4	-16.3	.59	50.82	54	-3.18	-	-	177	306	H

* - indicates frequency in CFR15.205/IC7.2.2 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(001687 24)_150619	Path_2_10dB	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	42.29	Pk	34.4	-16.3	0	60.39	-	-	74	-13.61	215	287	V
2	* 5.409	43.43	Pk	34.4	-16.3	0	61.53	-	-	74	-12.47	215	287	V
3	* 5.35	30.77	RMS	34.4	-16.3	.59	49.46	54	-4.54	-	-	215	287	V
4	* 5.35	31.47	RMS	34.4	-16.3	.59	50.16	54	-3.84	-	-	215	287	V

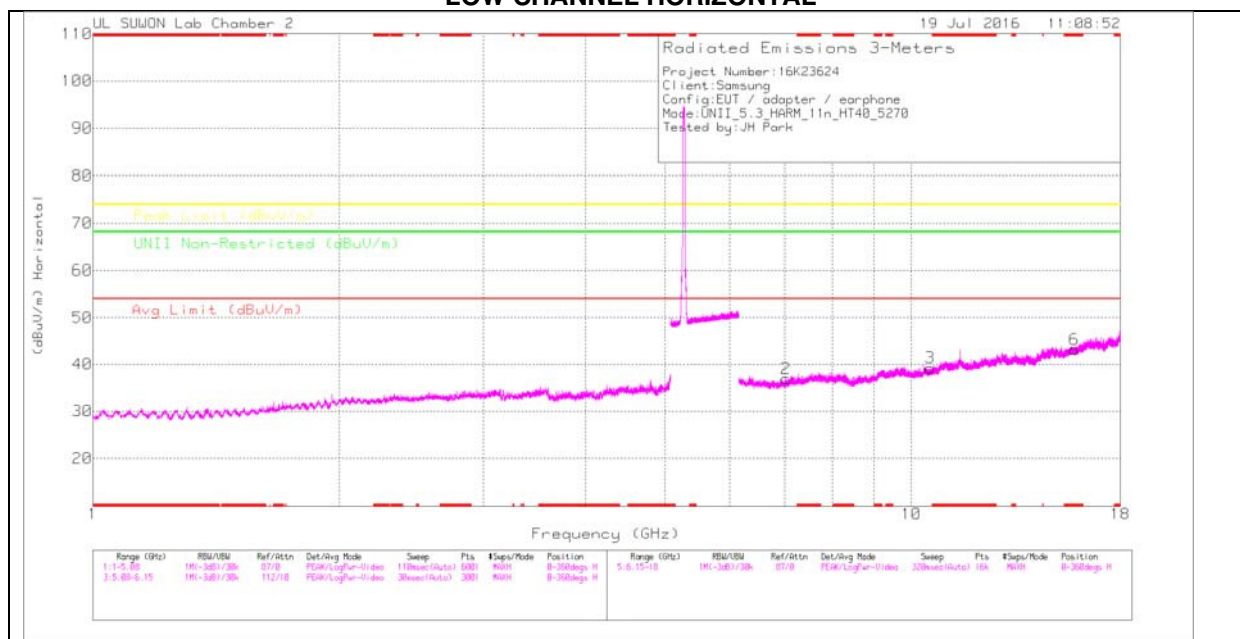
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

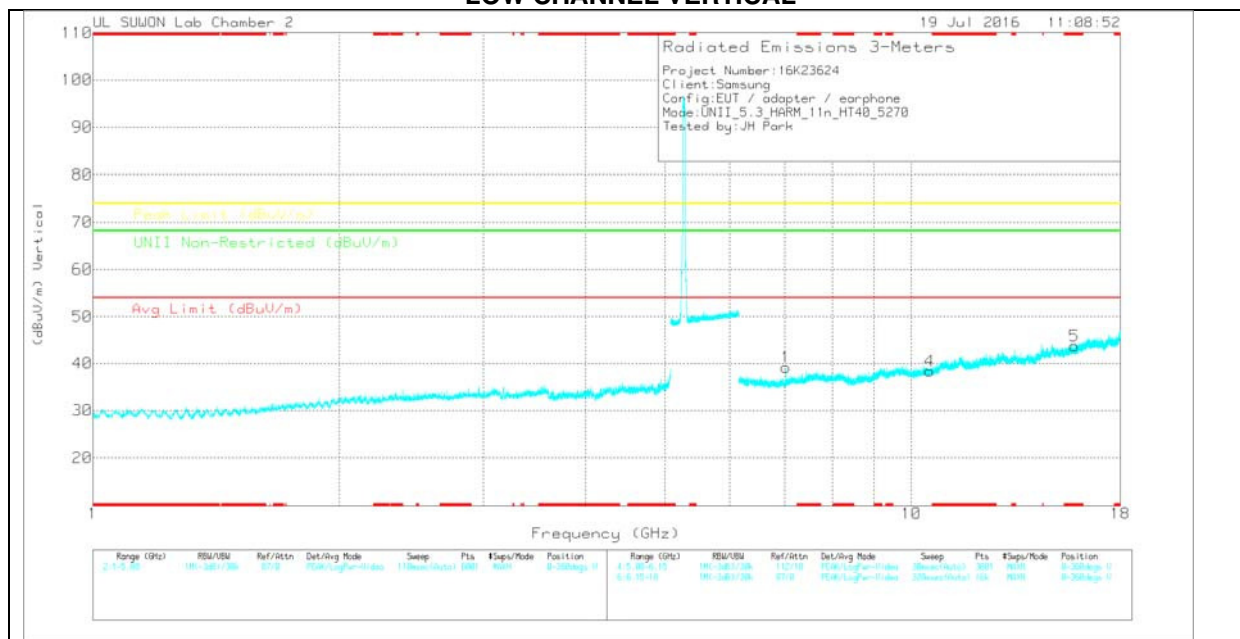
RMS - RMS detection

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

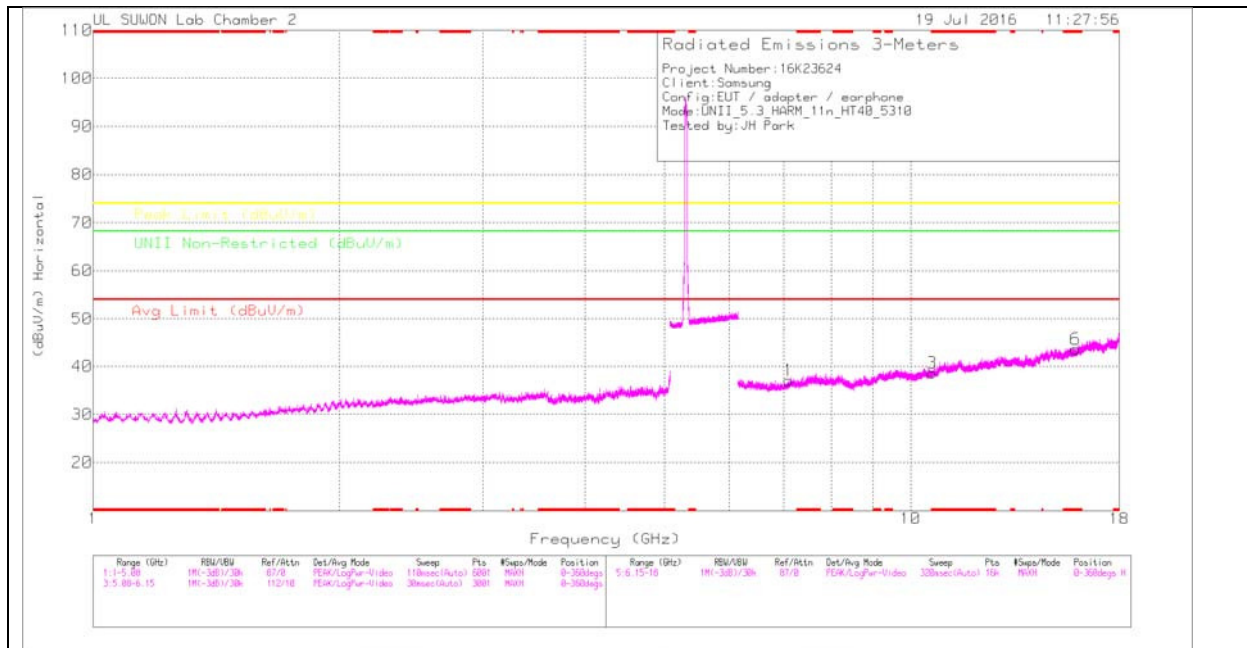
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	7.027	23.17	Pk	35.6	-21.8	0	36.97	-	-	-	-	68.2	-31.23	0-360	100	H
3	10.534	19.53	Pk	37.7	-18	0	39.23	-	-	-	-	68.2	-28.97	0-360	200	H
6	* 15.822	19.33	Pk	40.3	-16.5	0	43.13	-	-	74	-30.87	-	-	0-360	100	H
1	7.026	25.35	Pk	35.6	-21.8	0	39.15	-	-	-	-	68.2	-29.05	0-360	200	V
4	10.53	18.74	Pk	37.7	-18	0	38.44	-	-	-	-	68.2	-29.76	0-360	200	V
5	* 15.82	19.89	Pk	40.3	-16.5	0	43.69	-	-	74	-30.31	-	-	0-360	200	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

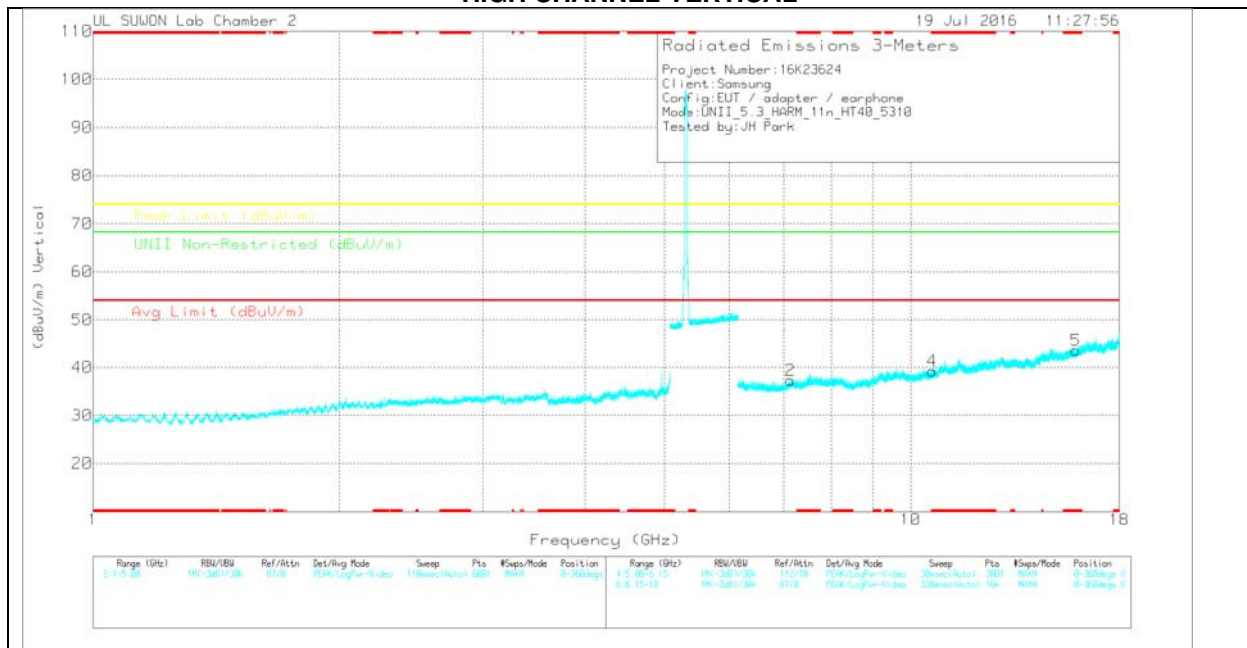
Pk – Peak detector

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	3117/0016 8724_150 619	Path_5	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	7.091	23.8	PK	35.6	-22.3	0	37.1	-	-	-	-	68.2	-31.1	0-360	100	H
3	* 10.622	18.81	PK	37.8	-18	0	38.61	-	-	74	-35.39	-	-	0-360	100	H
6	* 15.915	19.49	PK	40.4	-16.3	0	43.59	-	-	74	-30.41	-	-	0-360	100	H
2	7.128	24.3	PK	35.7	-22.7	0	37.3	-	-	-	-	68.2	-30.9	0-360	200	V
4	* 10.622	19.44	PK	37.8	-18	0	39.24	-	-	74	-34.76	-	-	0-360	200	V
5	* 15.922	19.35	PK	40.4	-16.2	0	43.55	-	-	74	-30.45	-	-	0-360	200	V

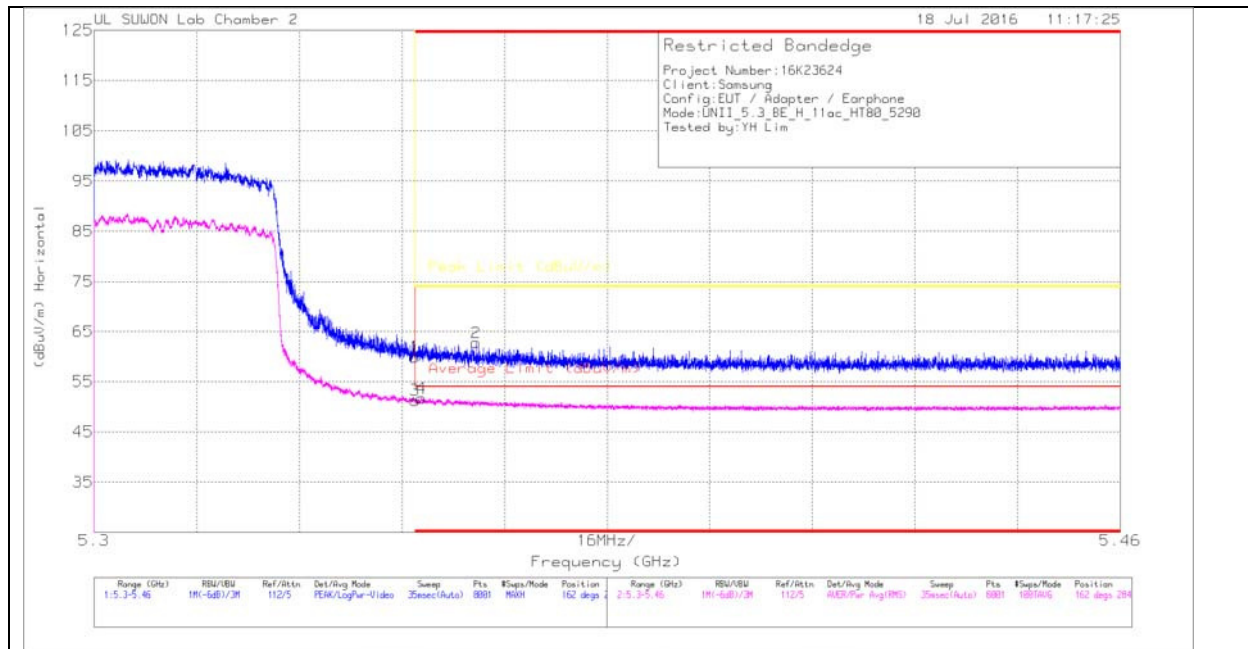
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak Detector

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

11.2.4. TX ABOVE 1GHz 802.11ac VHT80 2TX CDD MODE IN THE 5.3GHz BAND RESTRICTED BANDEDGE (High CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

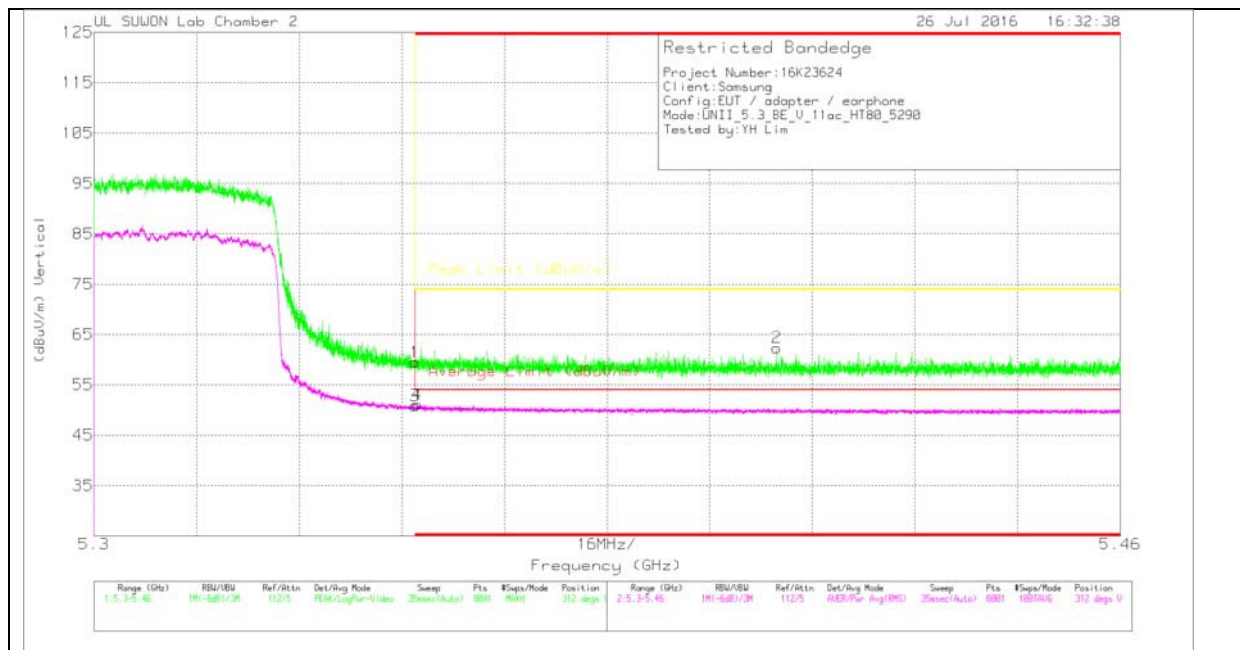
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	41.77	Pk	34.4	-16.3	0	59.87	-	-	74	-14.13	162	284	H
2	* 5.36	44.66	Pk	34.4	-16.3	0	62.76	-	-	74	-11.24	162	284	H
3	* 5.35	32.06	RMS	34.4	-16.3	1.11	51.27	54	-2.73	-	-	162	284	H
4	* 5.351	32.46	RMS	34.4	-16.3	1.11	51.67	54	-2.33	-	-	162	284	H

* - indicates frequency in CFR15.205/IC7.2.2 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(001687 24)_150619	Path_2_10dB	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	41.4	Pk	34.4	-16.3	0	59.5	-	-	74	-14.5	312	333	V
2	* 5.406	44.25	Pk	34.4	-16.3	0	62.35	-	-	74	-11.65	312	333	V
3	* 5.35	31.66	RMS	34.4	-16.3	1.11	50.87	54	-3.13	-	-	312	333	V
4	* 5.35	31.85	RMS	34.4	-16.3	1.11	51.06	54	-2.94	-	-	312	333	V

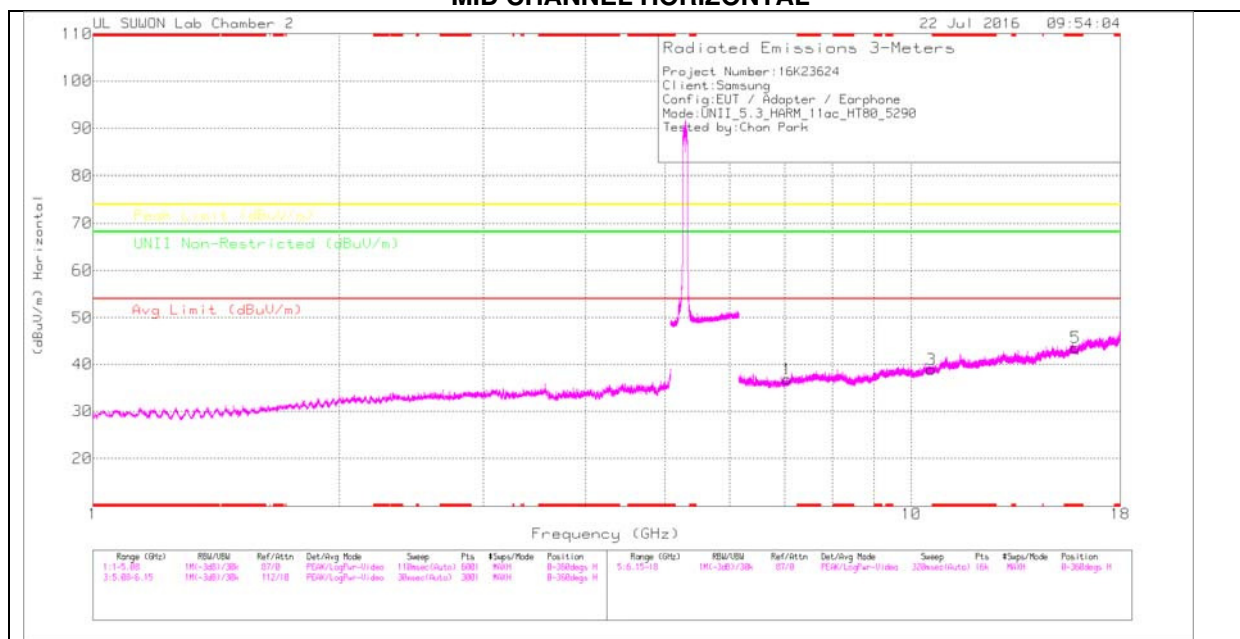
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

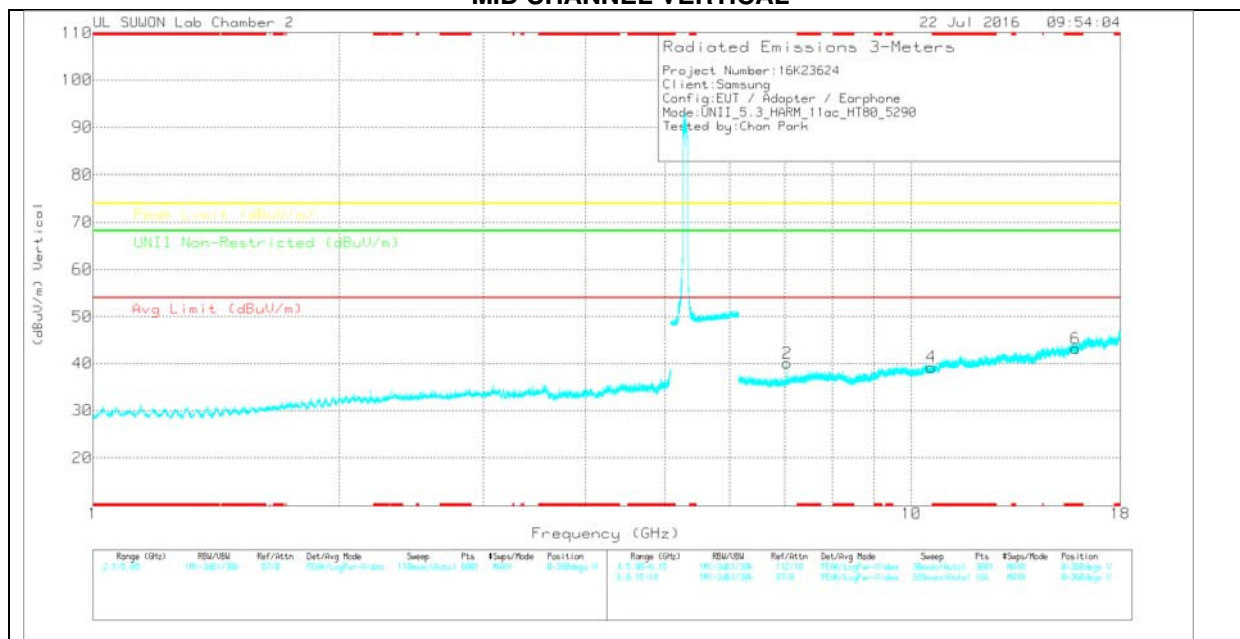
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_5	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	7.053	23.04	PK	35.6	-21.8	0	36.84	-	-	-	-	68.2	-31.36	0-360	200	H
3	10.581	19.13	PK	37.8	-18	0	38.93	-	-	-	-	68.2	-29.27	0-360	100	H
5	* 15.871	19.71	PK	40.3	-16.4	0	43.61	-	-	74	-30.39	-	-	0-360	200	H
2	7.053	26.31	PK	35.6	-21.8	0	40.11	-	-	-	-	68.2	-28.09	0-360	200	V
4	10.58	19.43	PK	37.8	-18	0	39.23	-	-	-	-	68.2	-28.97	0-360	200	V
6	* 15.872	19.29	PK	40.3	-16.4	0	43.19	-	-	74	-30.81	-	-	0-360	200	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak detector

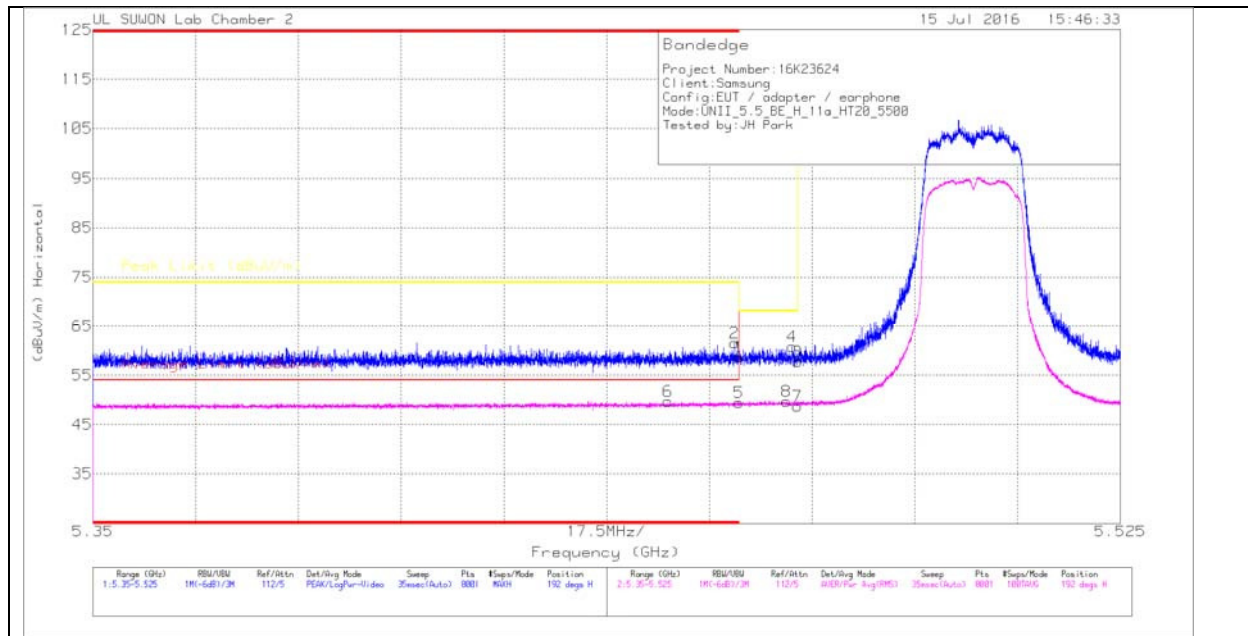
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

11.3. 5.5-5.6 GHz

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

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

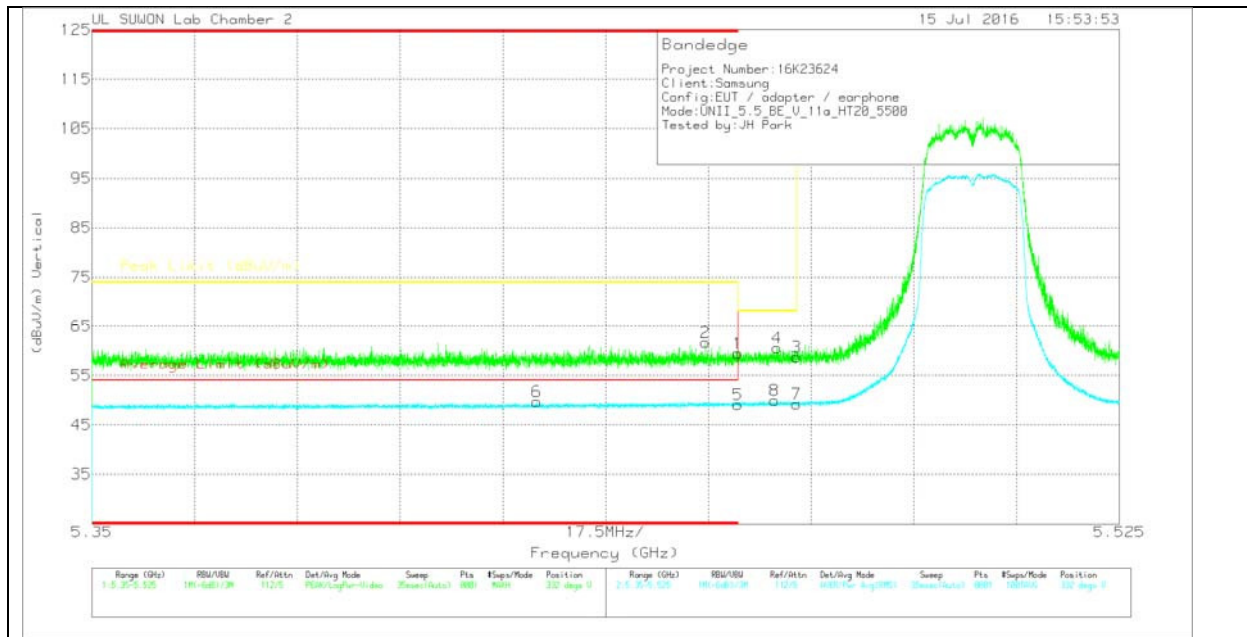
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	40.41	Pk	34.5	-16.2	0	58.71	-	-	74	-15.29	192	118	H
2	* 5.459	43.29	Pk	34.5	-16.2	0	61.59	-	-	74	-12.41	192	118	H
3	5.47	39.45	Pk	34.5	-16.2	0	57.75	-	-	68.2	-10.45	192	118	H
4	5.469	42.58	Pk	34.5	-16.2	0	60.88	-	-	68.2	-7.32	192	118	H
5	* 5.46	30.85	RMS	34.5	-16.2	.29	49.44	54	-4.56	-	-	192	118	H
6	* 5.448	31.17	RMS	34.5	-16.2	.29	49.76	54	-4.24	-	-	192	118	H

* - indicates frequency in CFR15.205/IC7.2.2 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(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	41.23	Pk	34.5	-16.2	0	59.53	-	-	74	-14.47	332	208	V
2	* 5.455	43.36	Pk	34.5	-16.2	0	61.66	-	-	74	-12.34	332	208	V
3	5.47	40.43	Pk	34.5	-16.2	0	58.73	-	-	68.2	-9.47	332	208	V
4	5.467	42.28	Pk	34.5	-16.2	0	60.58	-	-	68.2	-7.62	332	208	V
5	* 5.46	30.52	RMS	34.5	-16.2	.29	49.11	54	-4.89	-	-	332	208	V
6	* 5.426	31.18	RMS	34.5	-16.3	.29	49.67	54	-4.33	-	-	332	208	V

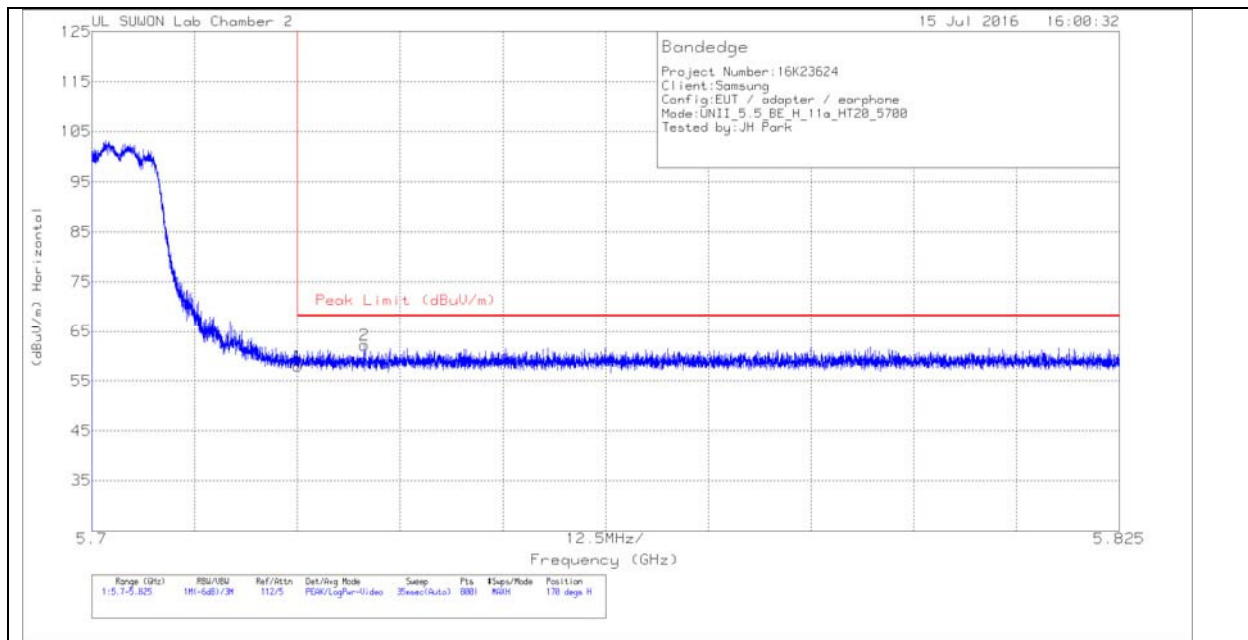
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



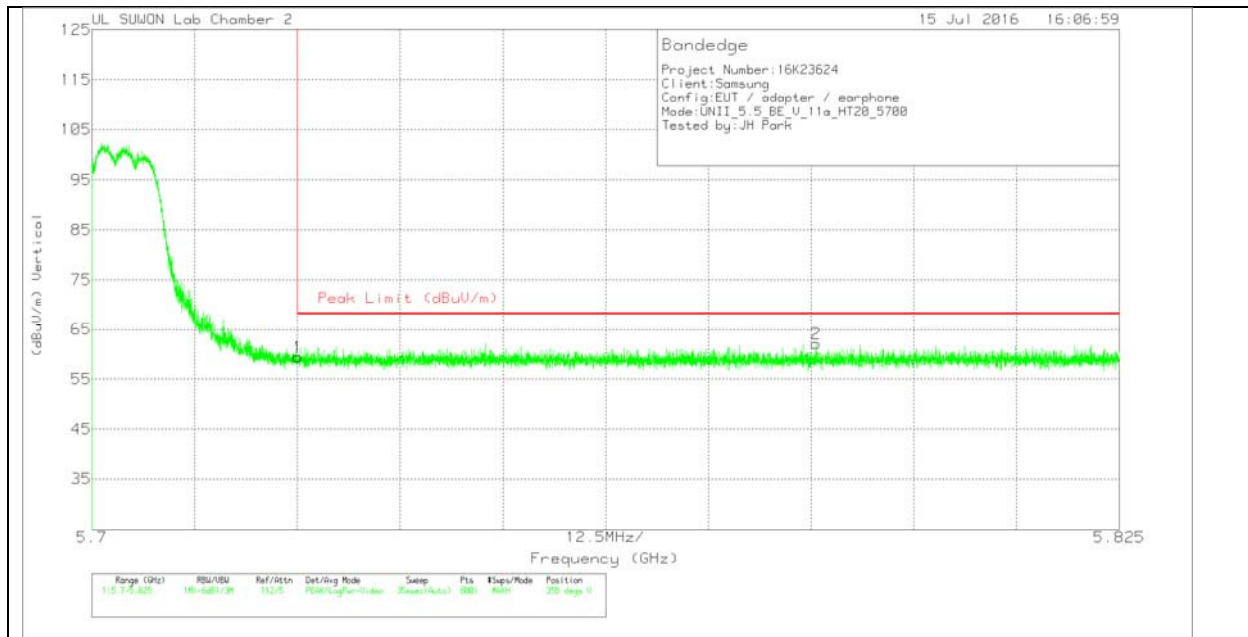
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_2_10 dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.9	Pk	34.7	-15.6	0	58	68.2	-10.2	170	366	H
2	5.733	43.01	Pk	34.7	-15.5	0	62.21	68.2	-5.99	170	366	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

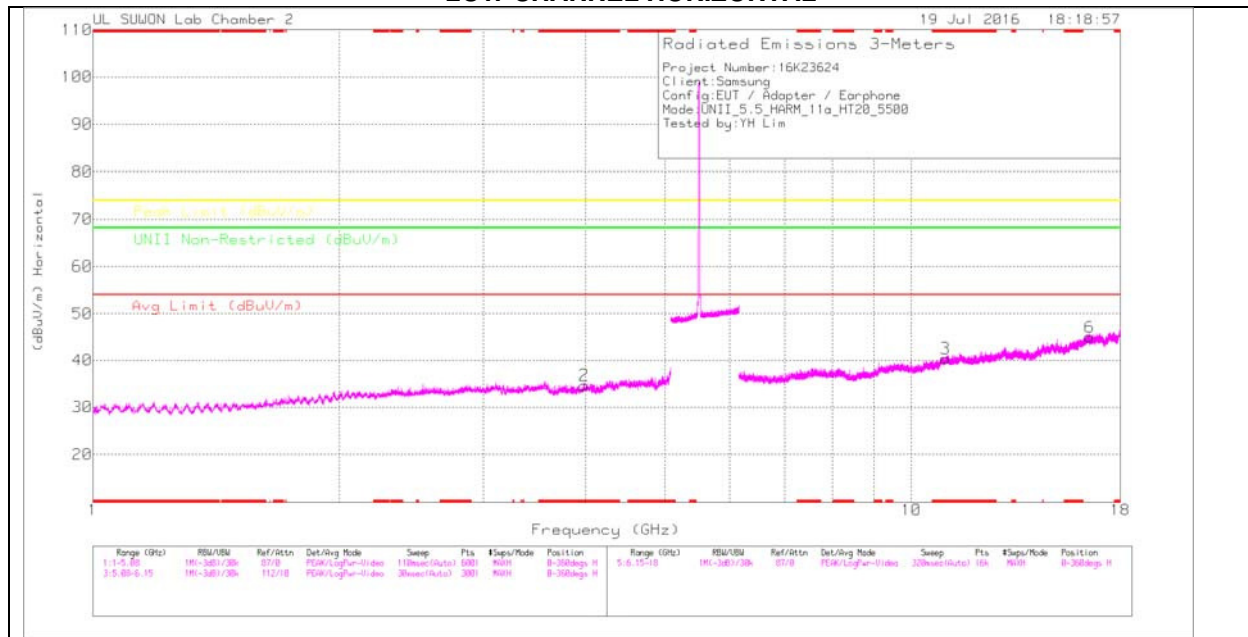
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_2_10 dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	40.37	Pk	34.7	-15.6	0	59.47	68.2	-8.73	355	159	V
2	5.788	42.89	Pk	34.7	-15.4	0	62.19	68.2	-6.01	355	159	V

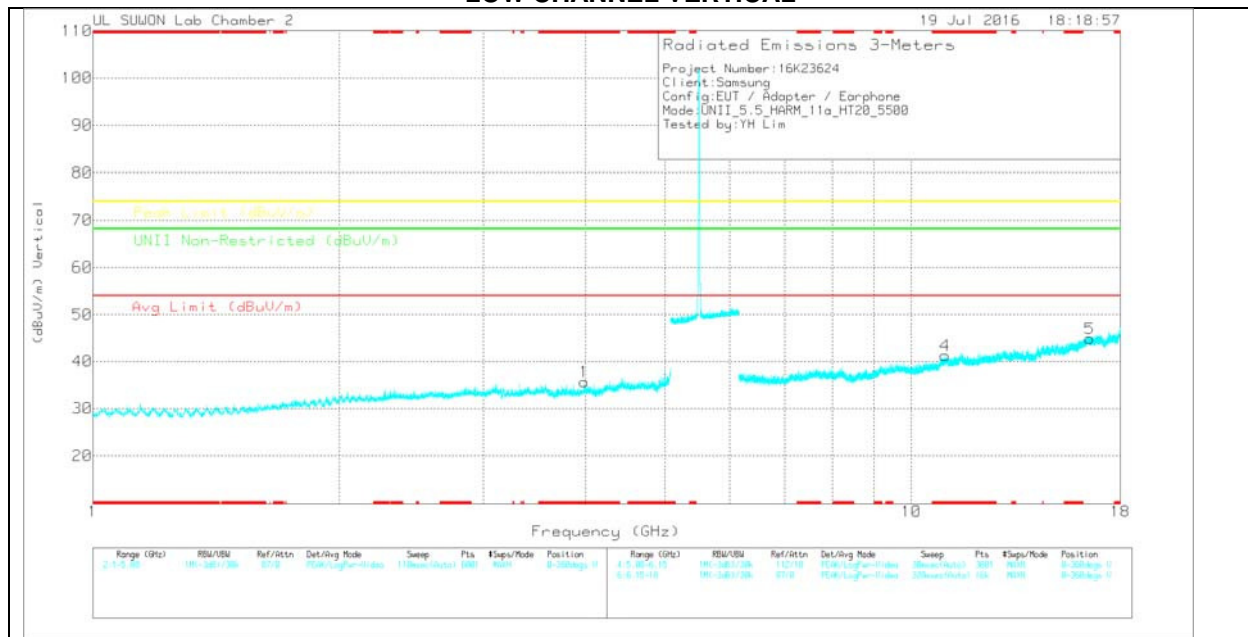
Pk - Peak detector

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

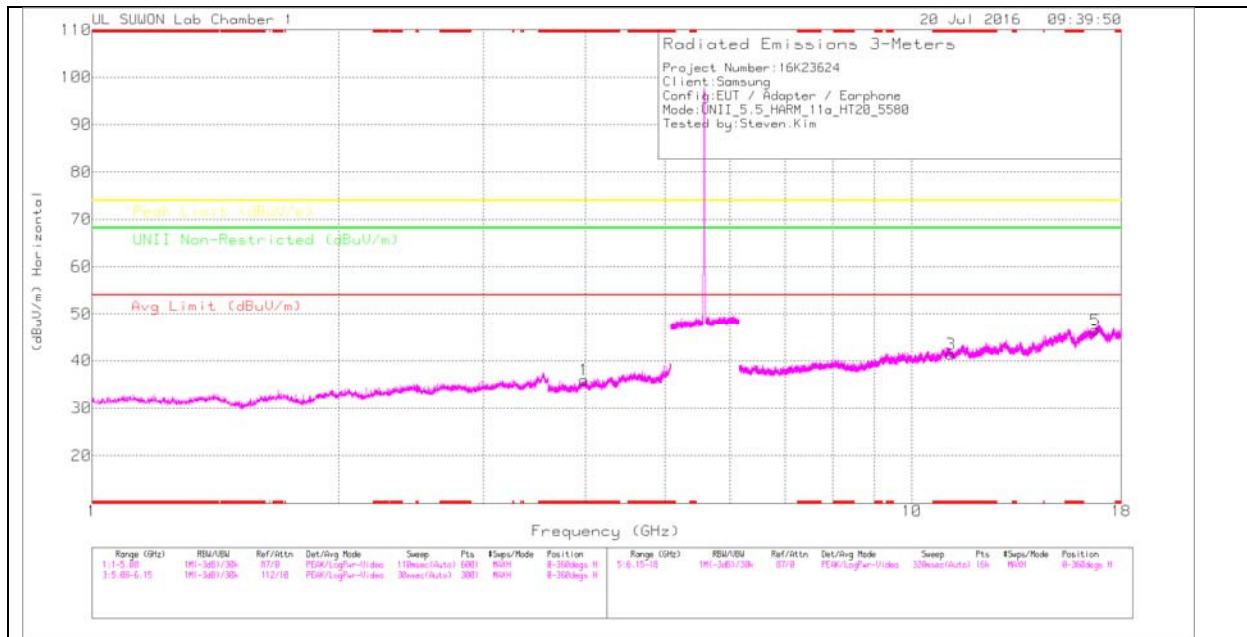
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.985	27.3	Pk	33.3	-25.9	0	34.7	-	-	74	-39.3	-	-	0-360	100	H
1	* 3.981	28.43	Pk	33.2	-25.9	0	35.73	-	-	74	-38.27	-	-	0-360	100	V
3	* 11.002	19.99	Pk	38	-17.6	0	40.39	-	-	74	-33.61	-	-	0-360	200	H
6	16.509	20.07	Pk	41	-16.1	0	44.97	-	-	-	-	68.2	-23.23	0-360	100	H
4	* 10.996	20.83	Pk	38	-17.6	0	41.23	-	-	74	-32.77	-	-	0-360	200	V
5	16.506	19.9	Pk	41	-16.1	0	44.8	-	-	-	-	68.2	-23.4	0-360	200	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

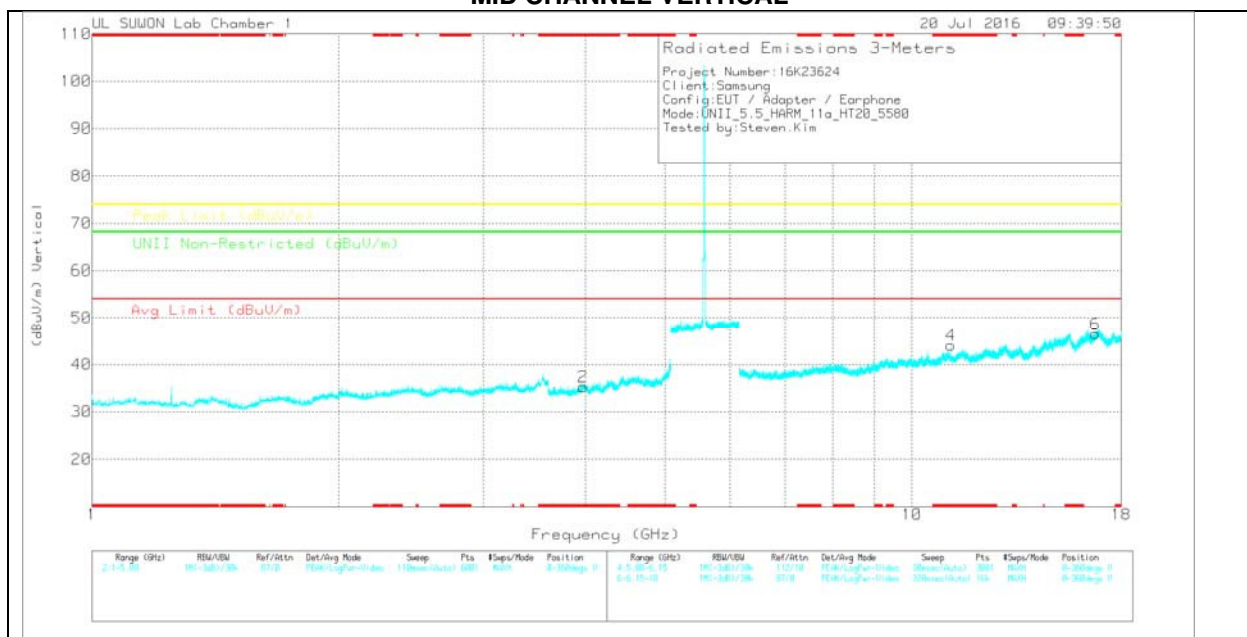
Pk – Peak detector

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

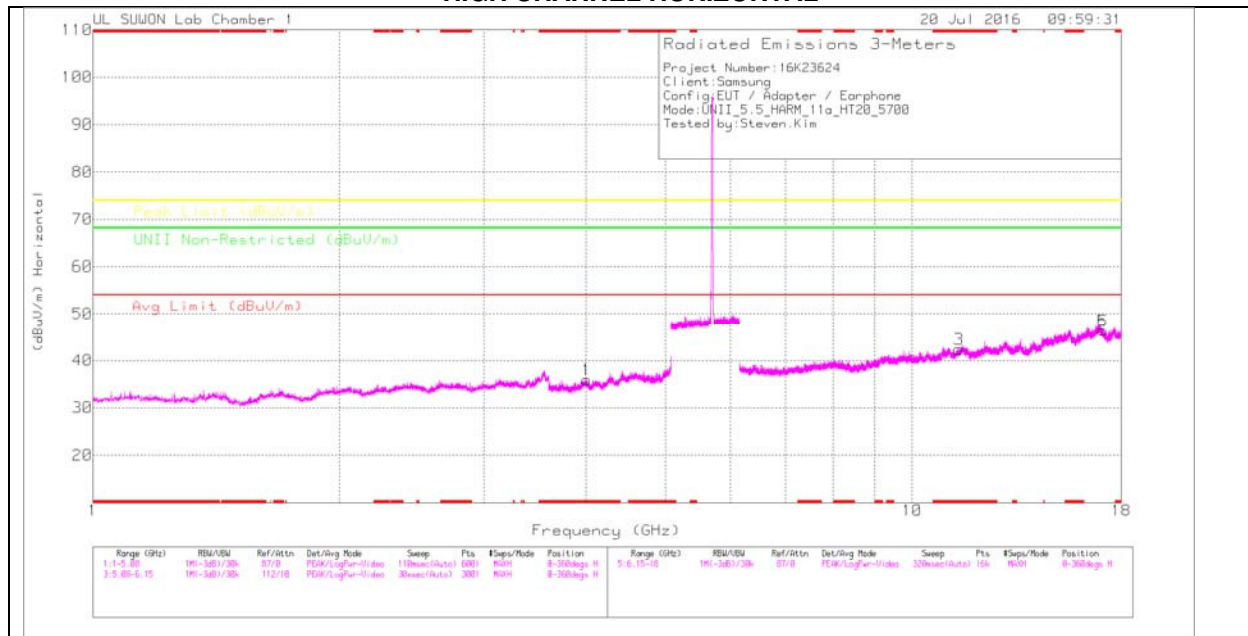
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.98	36.3	PK	33.4	-33.8	0	35.9	-	-	74	-38.1	-	-	0-360	100	H
2	* 3.972	35.73	PK	33.4	-33.8	0	35.33	-	-	74	-38.67	-	-	0-360	100	V
3	* 11.161	30.15	PK	38.3	-27.1	0	41.35	-	-	74	-32.65	-	-	0-360	200	H
5	16.741	26.4	PK	41.3	-21.2	0	46.5	-	-	-	-	68.2	-21.7	0-360	100	H
4	* 11.16	32.88	PK	38.3	-27.1	0	44.08	-	-	74	-29.92	-	-	0-360	100	V
6	16.743	26.47	PK	41.3	-21.2	0	46.57	-	-	-	-	68.2	-21.63	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

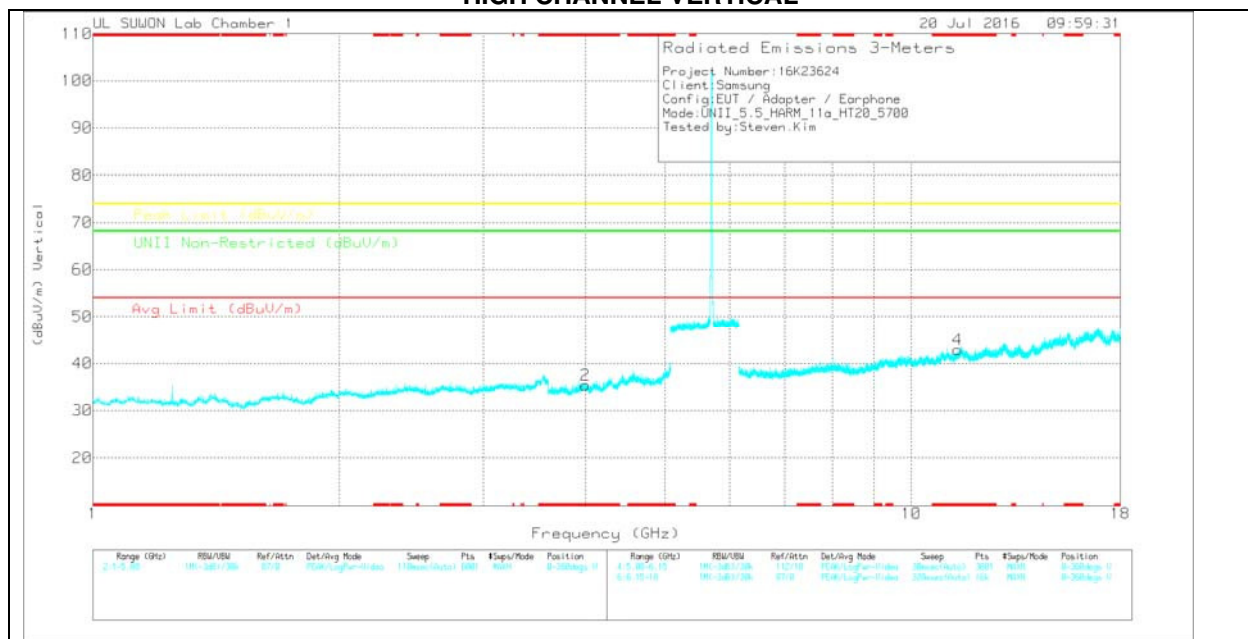
PK – Peak Detector

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(0016 8717)_150 619	Path_4	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	* 4.004	36.45	PK	33.4	-33.9	0	35.95	-	-	74	-38.05	-	-	0-360	200	H
2	* 4	35.88	PK	33.4	-33.9	0	35.38	-	-	74	-38.62	-	-	0-360	100	V
3	* 11.4	31.23	PK	38.5	-27.3	0	42.43	-	-	74	-31.57	-	-	0-360	100	H
5	17.102	26.56	PK	41.3	-21.5	0	46.36	-	-	-	-	68.2	-21.84	0-360	100	H
6	17.102	26.56	PK	41.3	-21.5	0	46.36	-	-	-	-	68.2	-21.84	0-360	100	H
4	* 11.397	31.72	PK	38.5	-27.3	0	42.92	-	-	74	-31.08	-	-	0-360	100	V

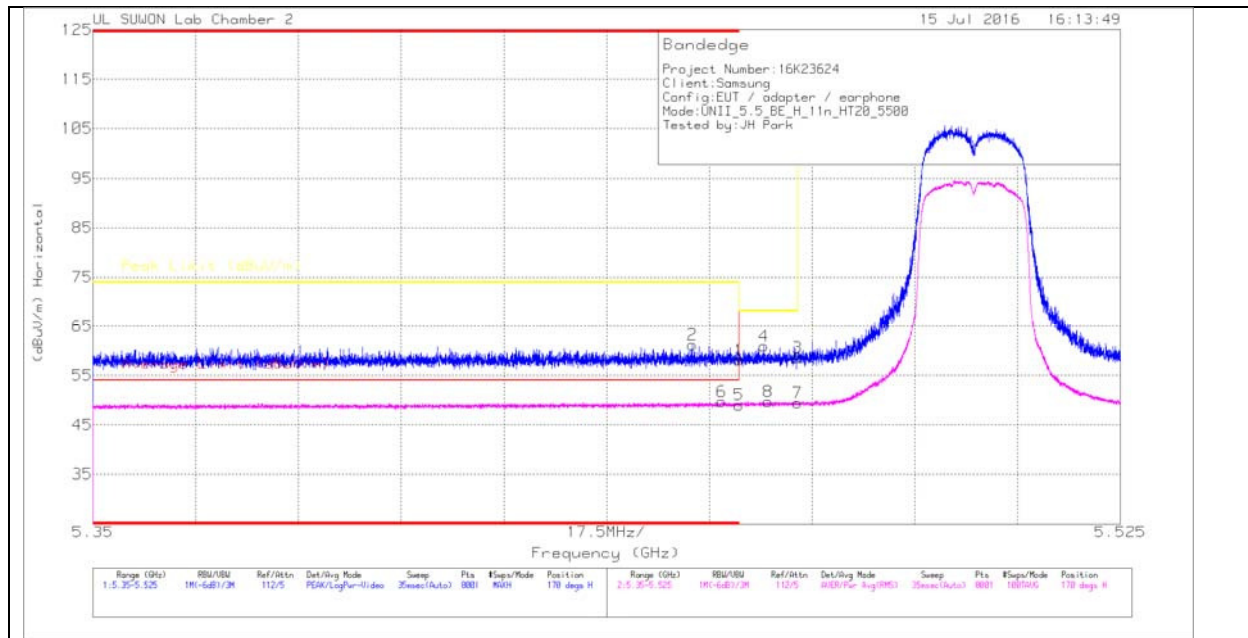
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak Detector

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

11.3.2. TX ABOVE 1GHz 802.11n HT20 2TX CDD MODE IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

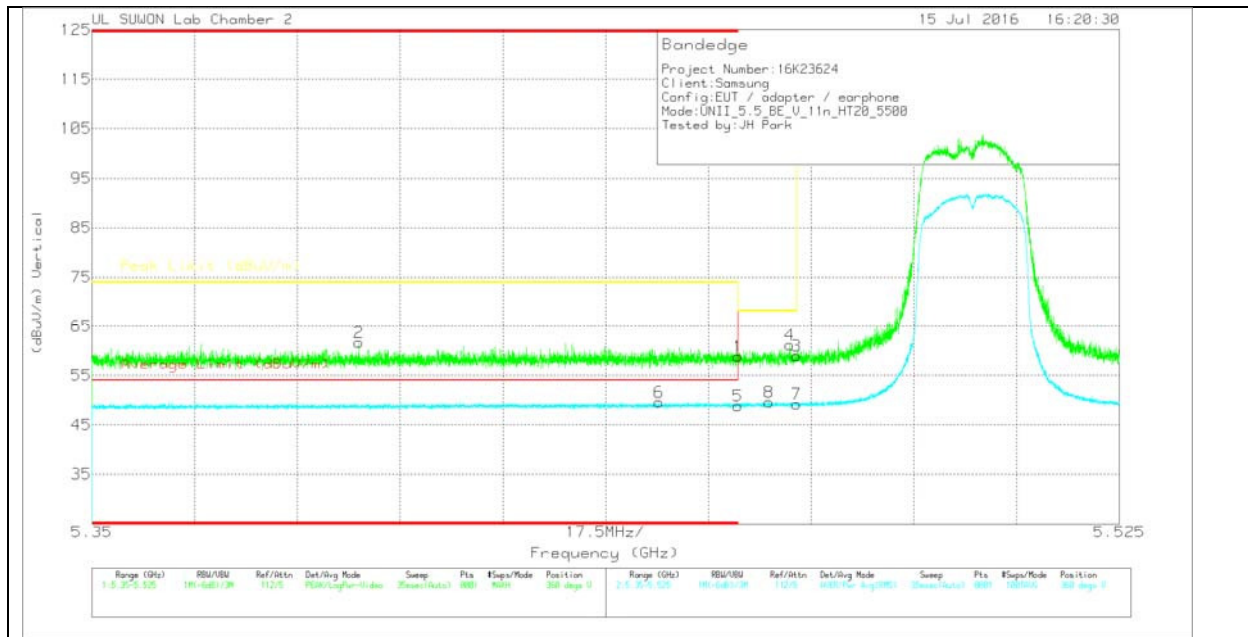
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	39.87	Pk	34.5	-16.2	0	58.17	-	-	74	-15.83	170	151	H
2	* 5.452	42.97	Pk	34.5	-16.2	0	61.27	-	-	74	-12.73	170	151	H
3	5.47	40.31	Pk	34.5	-16.2	0	58.61	-	-	68.2	-9.59	170	151	H
4	5.464	42.62	Pk	34.5	-16.2	0	60.92	-	-	68.2	-7.28	170	151	H
5	* 5.46	30.42	RMS	34.5	-16.2	.31	49.03	54	-4.97	-	-	170	151	H
6	* 5.457	31.09	RMS	34.5	-16.2	.31	49.7	54	-4.3	-	-	170	151	H

* - indicates frequency in CFR15.205/IC7.2.2 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(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	40.59	Pk	34.5	-16.2	0	58.89	-	-	74	-15.11	360	101	V
2	* 5.395	43.56	Pk	34.4	-16.3	0	61.66	-	-	74	-12.34	360	101	V
3	5.47	40.66	Pk	34.5	-16.2	0	58.96	-	-	68.2	-9.24	360	101	V
4	5.469	42.96	Pk	34.5	-16.2	0	61.26	-	-	68.2	-6.94	360	101	V
5	* 5.46	30.27	RMS	34.5	-16.2	.31	48.88	54	-5.12	-	-	360	101	V
6	* 5.447	31.03	RMS	34.5	-16.2	.31	49.64	54	-4.36	-	-	360	101	V

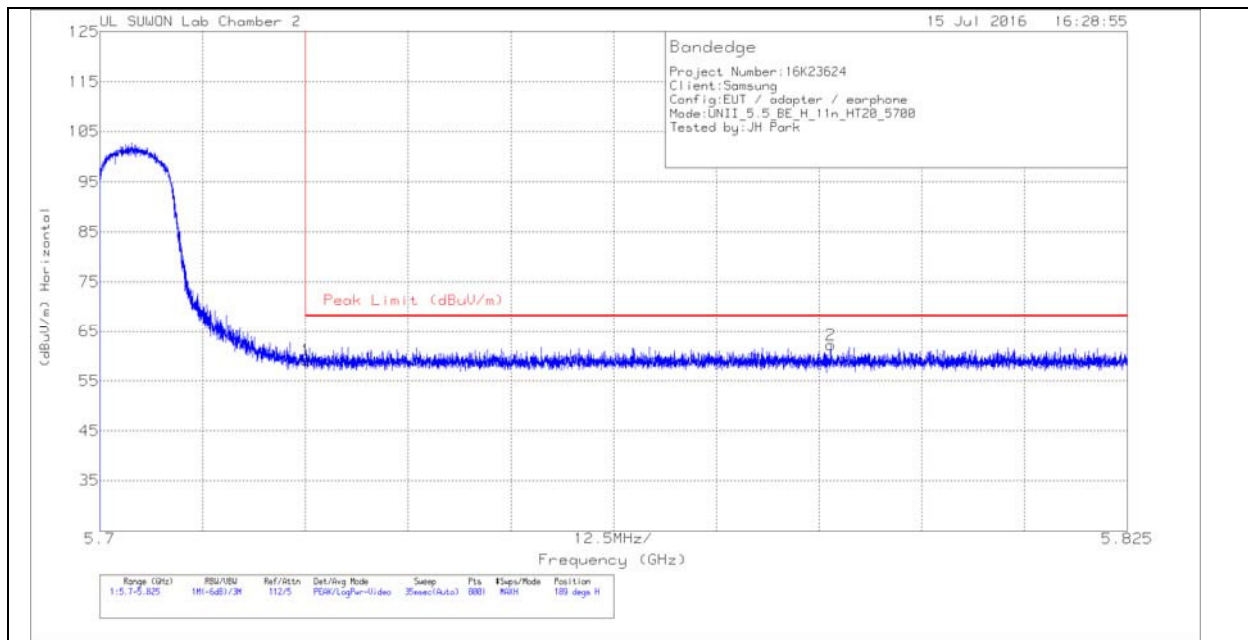
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



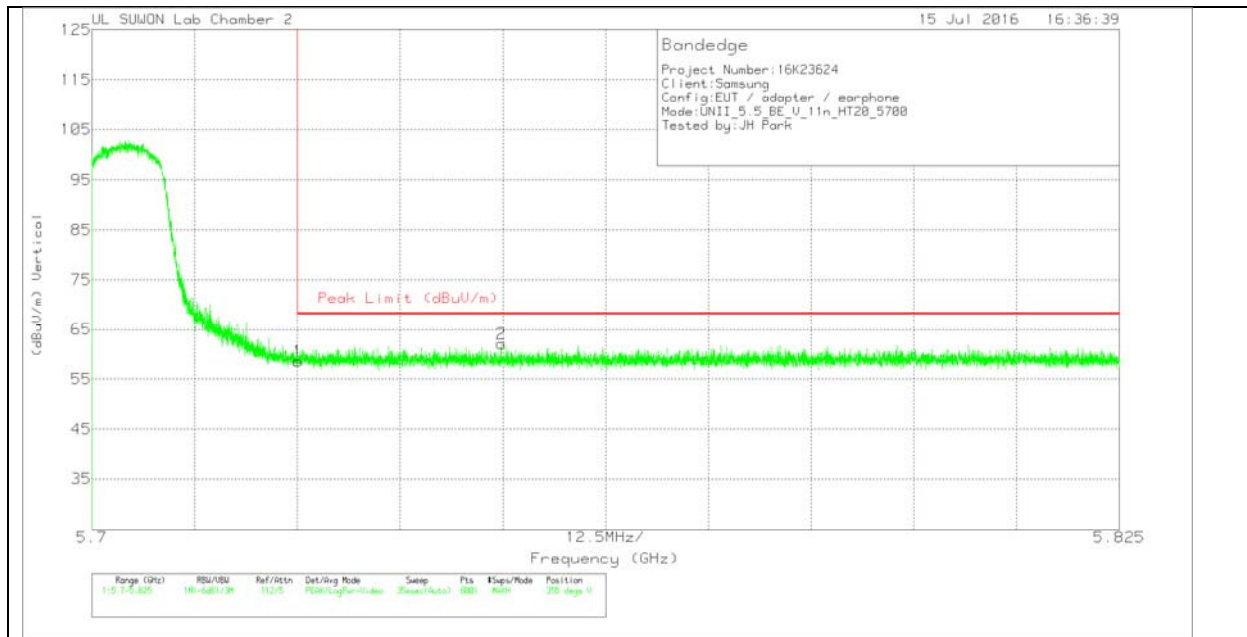
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_2_10 dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	40.16	Pk	34.7	-15.6	0	59.26	68.2	-8.94	189	362	H
2	5.789	43	Pk	34.7	-15.4	0	62.3	68.2	-5.9	189	362	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

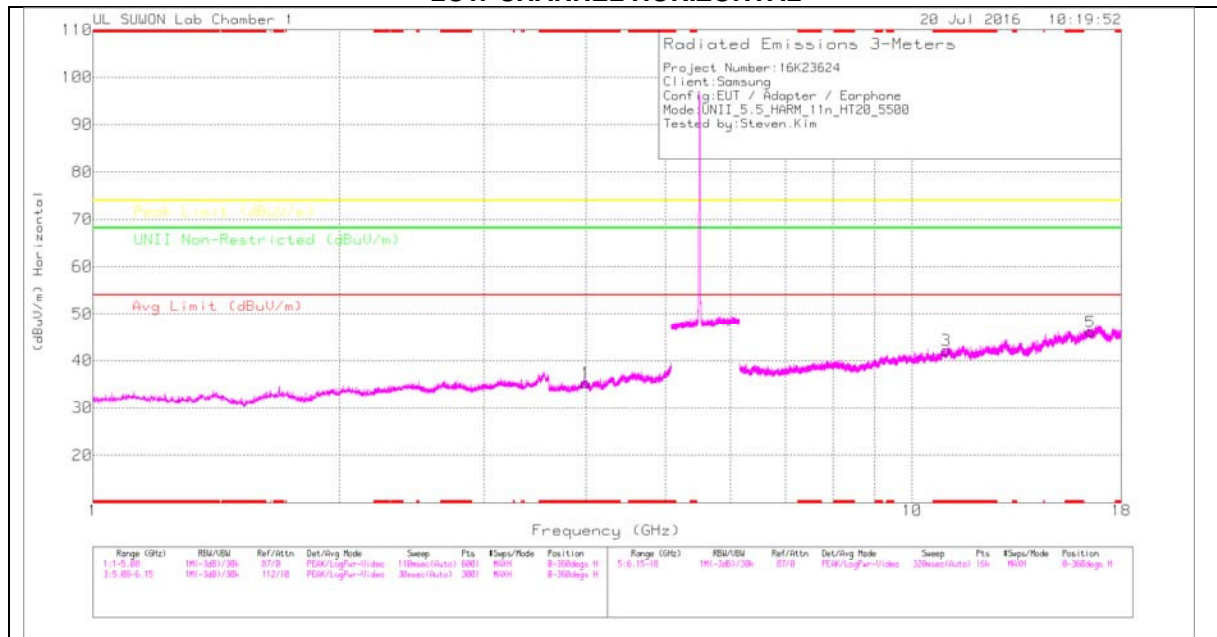
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_2_10 dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.5	Pk	34.7	-15.6	0	58.6	68.2	-9.6	355	163	V
2	5.75	42.96	Pk	34.7	-15.5	0	62.16	68.2	-6.04	355	163	V

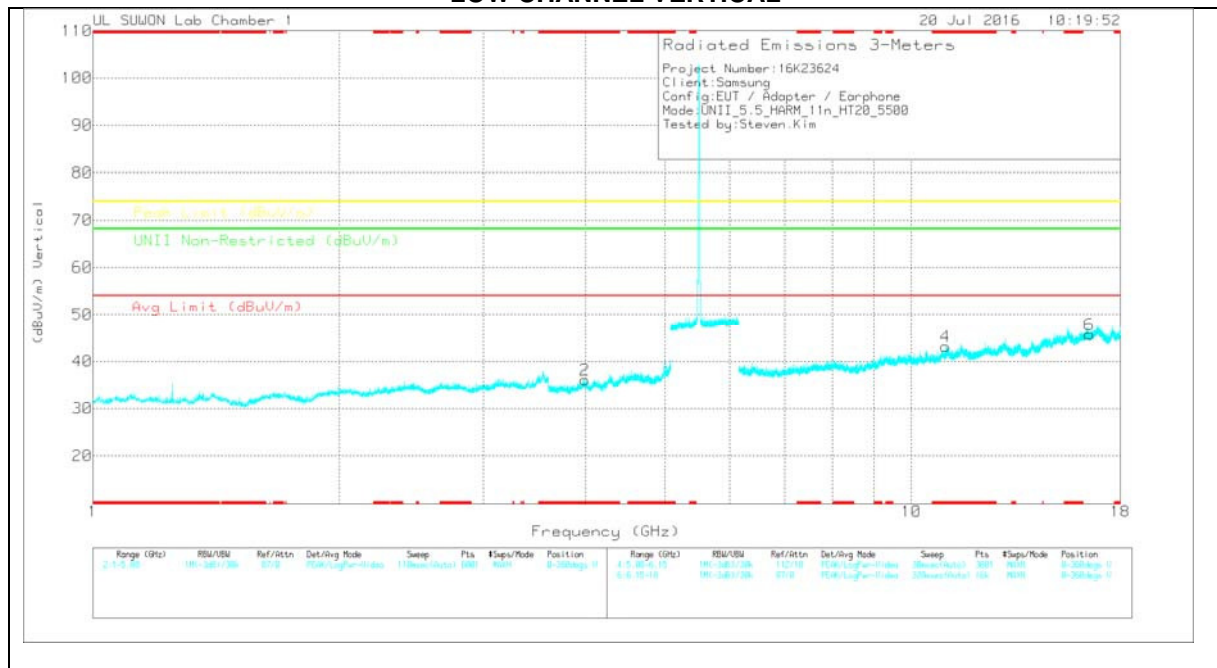
Pk - Peak detector

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

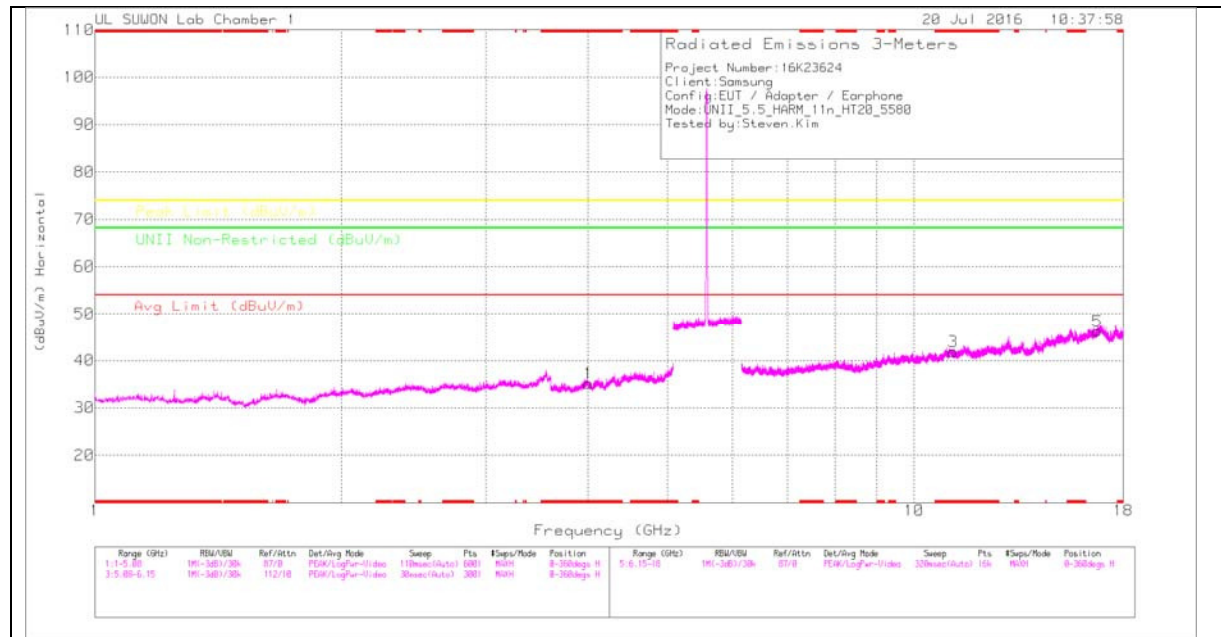
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.999	35.75	PK	33.4	-33.9	0	35.25	-	-	74	-38.75	-	-	0-360	100	H
2	* 3.992	36.56	PK	33.4	-33.9	0	36.06	-	-	74	-37.94	-	-	0-360	100	V
3	* 11.006	31.36	PK	38.2	-27.4	0	42.16	-	-	74	-31.84	-	-	0-360	200	H
5	16.5	27.3	PK	41.1	-22.2	0	46.2	-	-	-	-	68.2	-22	0-360	100	H
4	* 11.007	32.43	PK	38.2	-27.4	0	43.23	-	-	74	-30.77	-	-	0-360	100	V
6	16.499	26.81	PK	41.1	-22.2	0	45.71	-	-	-	-	68.2	-22.49	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

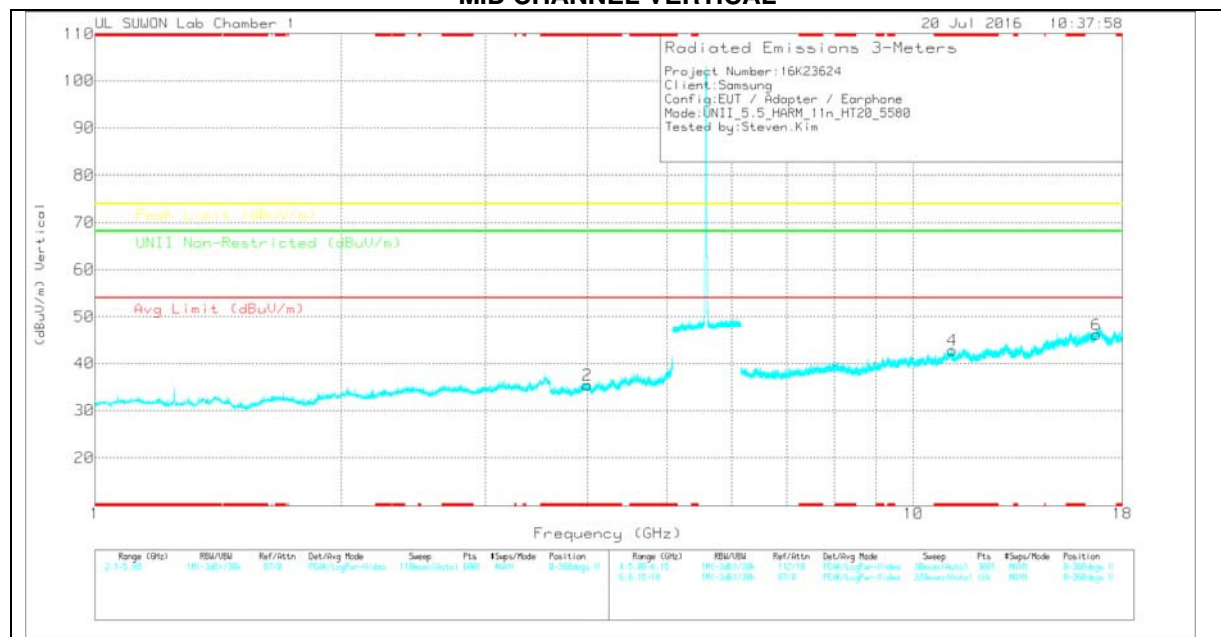
PK – Peak Detector

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

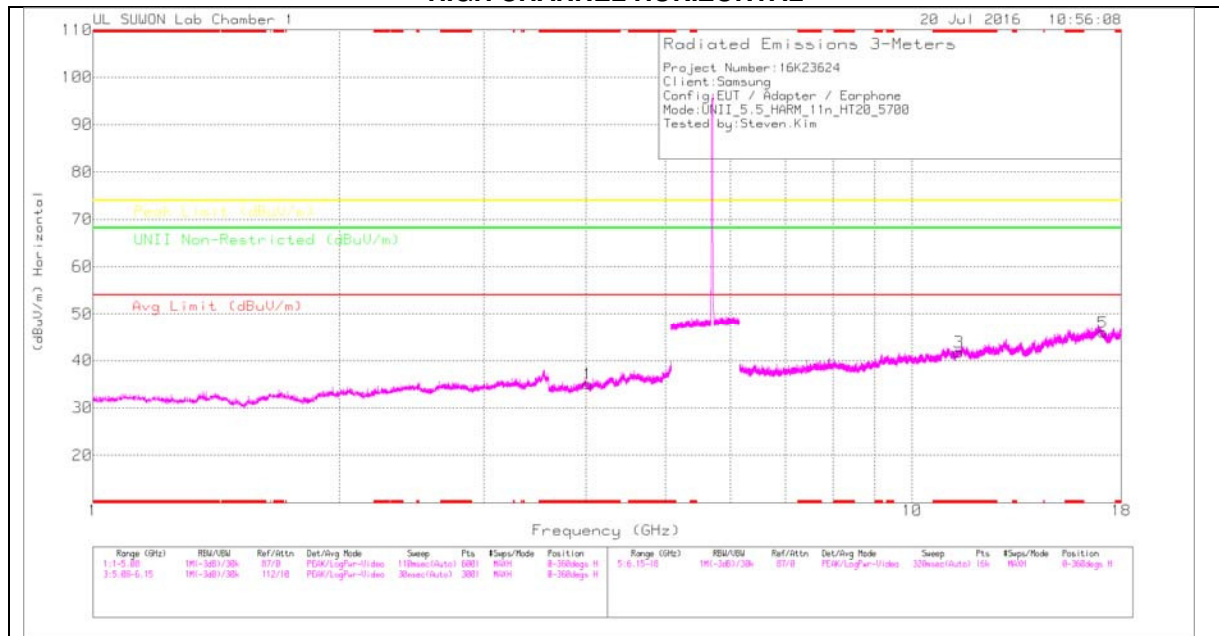
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.007	35.72	PK	33.4	-34	0	35.12	-	-	74	-38.88	-	-	0-360	100	H
2	* 3.995	35.94	PK	33.4	-33.9	0	35.44	-	-	74	-38.56	-	-	0-360	100	V
3	* 11.166	30.67	PK	38.3	-27.1	0	41.87	-	-	74	-32.13	-	-	0-360	200	H
5	16.741	26.14	PK	41.3	-21.2	0	46.24	-	-	-	-	68.2	-21.96	0-360	100	H
4	* 11.163	31.61	PK	38.3	-27.1	0	42.81	-	-	74	-31.19	-	-	0-360	100	V
6	16.743	25.99	PK	41.3	-21.2	0	46.09	-	-	-	-	68.2	-22.11	0-360	200	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

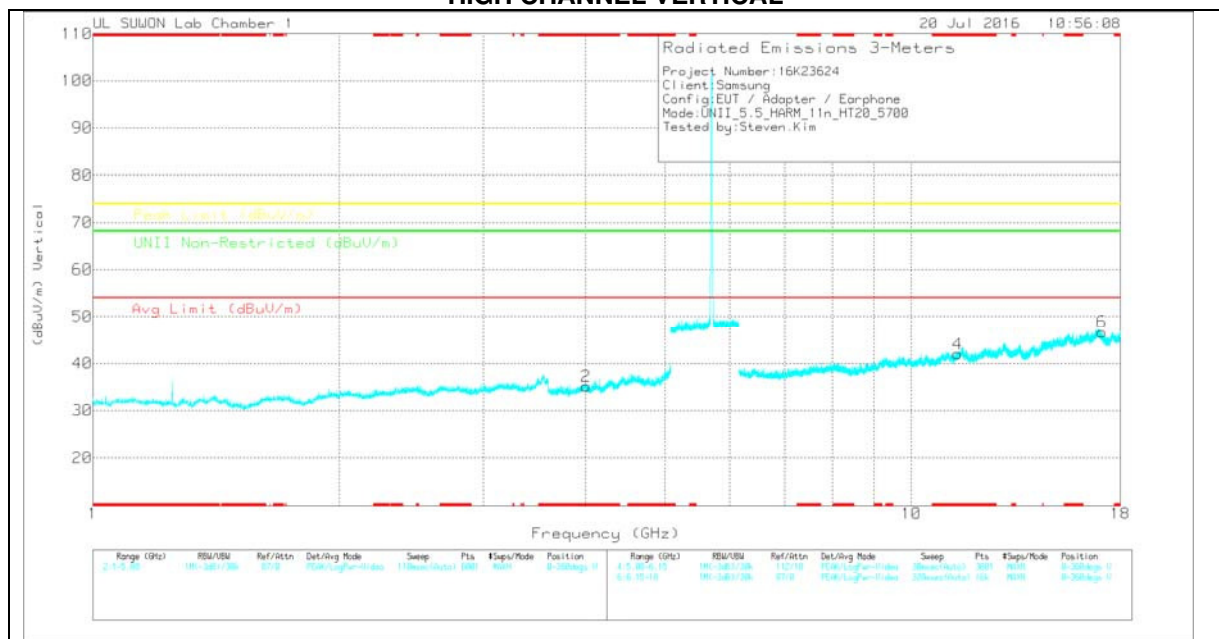
PK – Peak Detector

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(0016 8717)_150 619	Path_4	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	* 4.021	35.78	PK	33.4	-34.1	0	35.08	-	-	74	-38.92	-	-	0-360	100	H
2	* 4.002	35.71	PK	33.4	-33.9	0	35.21	-	-	74	-38.79	-	-	0-360	100	V
3	* 11.4	30.51	PK	38.5	-27.3	0	41.71	-	-	74	-32.29	-	-	0-360	200	H
5	17.1	26.16	PK	41.3	-21.5	0	45.96	-	-	-	-	68.2	-22.24	0-360	100	H
4	* 11.398	30.77	PK	38.5	-27.3	0	41.97	-	-	74	-32.03	-	-	0-360	100	V
6	17.1	26.93	PK	41.3	-21.5	0	46.73	-	-	-	-	68.2	-21.47	0-360	100	V

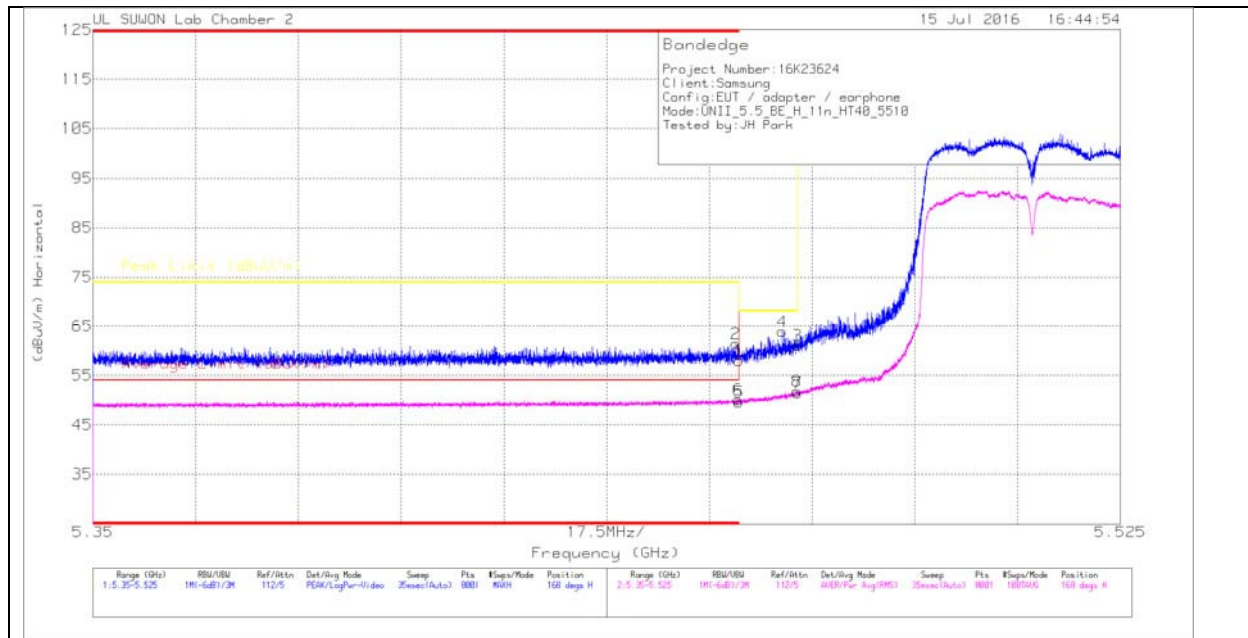
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

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 2TX CDD MODE IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

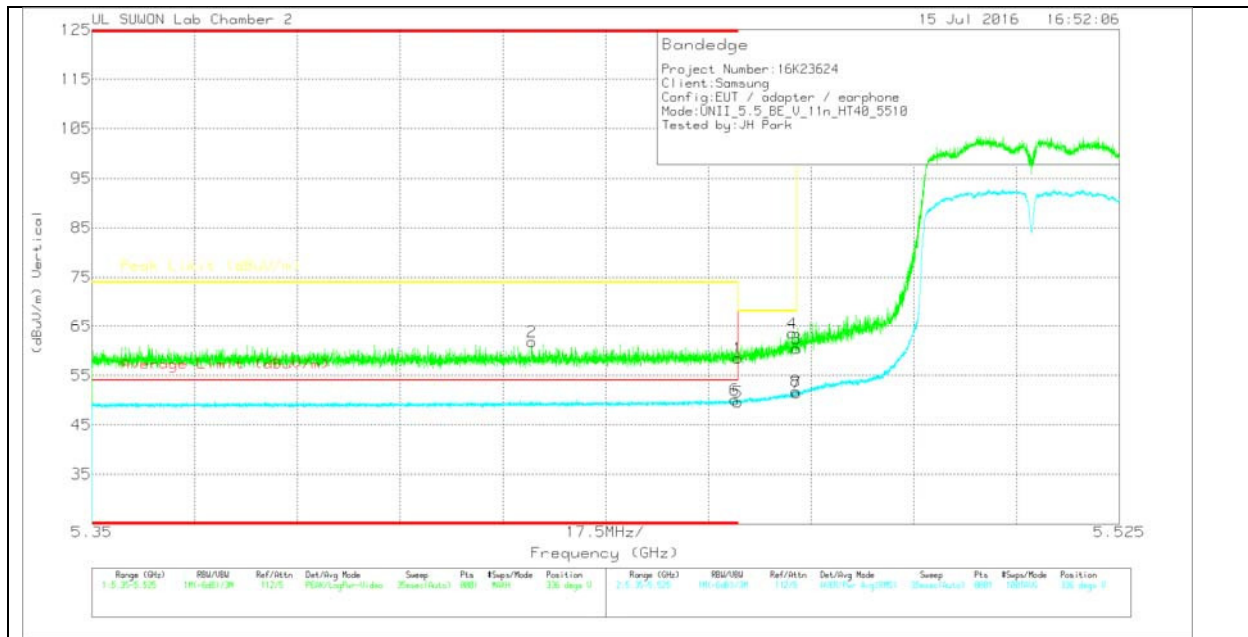
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	39.65	Pk	34.5	-16.2	0	57.95	-	-	74	-16.05	168	100	H
2	* 5.459	43.18	Pk	34.5	-16.2	0	61.48	-	-	74	-12.52	168	100	H
3	5.47	42.75	Pk	34.5	-16.2	0	61.05	-	-	68.2	-7.15	168	100	H
4	5.467	45.62	Pk	34.5	-16.2	0	63.92	-	-	68.2	-4.28	168	100	H
5	* 5.46	30.71	RMS	34.5	-16.2	.59	49.6	54	-4.4	-	-	168	100	H
6	* 5.46	31.24	RMS	34.5	-16.2	.59	50.13	54	-3.87	-	-	168	100	H

* - indicates frequency in CFR15.205/IC7.2.2 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(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	40.19	Pk	34.5	-16.2	0	58.49	-	-	74	-15.51	336	215	V
2	* 5.425	43.73	Pk	34.4	-16.3	0	61.83	-	-	74	-12.17	336	215	V
3	5.47	42.14	Pk	34.5	-16.2	0	60.44	-	-	68.2	-7.76	336	215	V
4	5.469	45.22	Pk	34.5	-16.2	0	63.52	-	-	68.2	-4.68	336	215	V
5	* 5.46	30.64	RMS	34.5	-16.2	.59	49.53	54	-4.47	-	-	336	215	V
6	* 5.46	31.19	RMS	34.5	-16.2	.59	50.08	54	-3.92	-	-	336	215	V

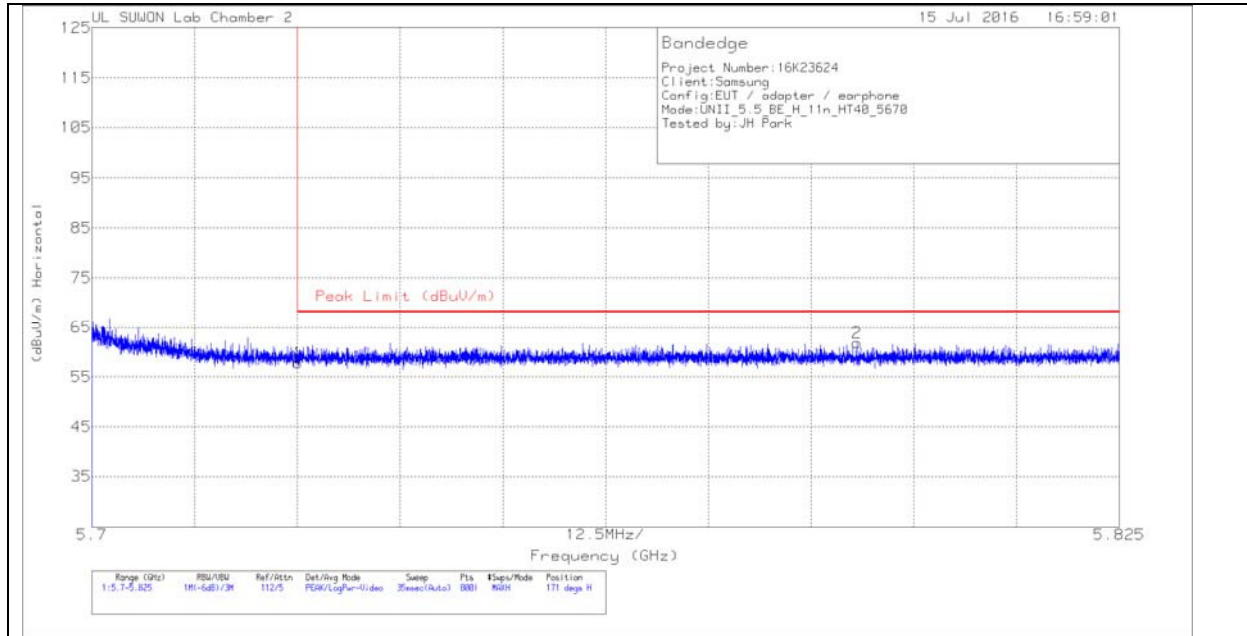
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



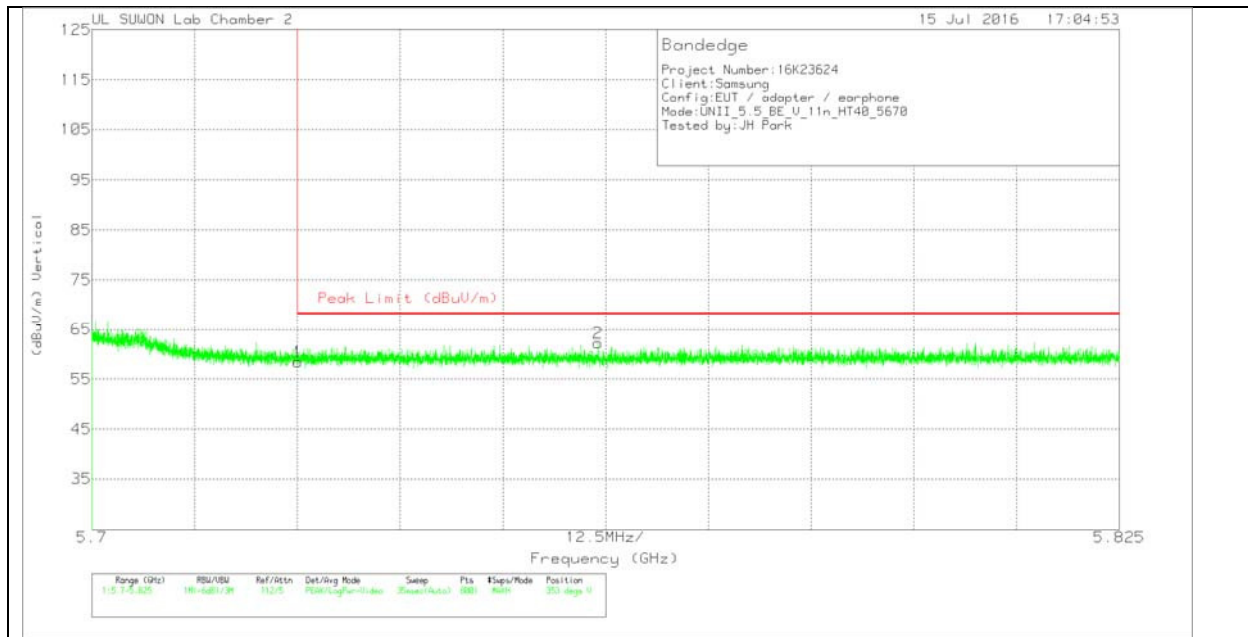
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_2_10 dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.72	Pk	34.7	-15.6	0	57.82	68.2	-10.38	171	369	H
2	5.793	42.58	Pk	34.7	-15.4	0	61.88	68.2	-6.32	171	369	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

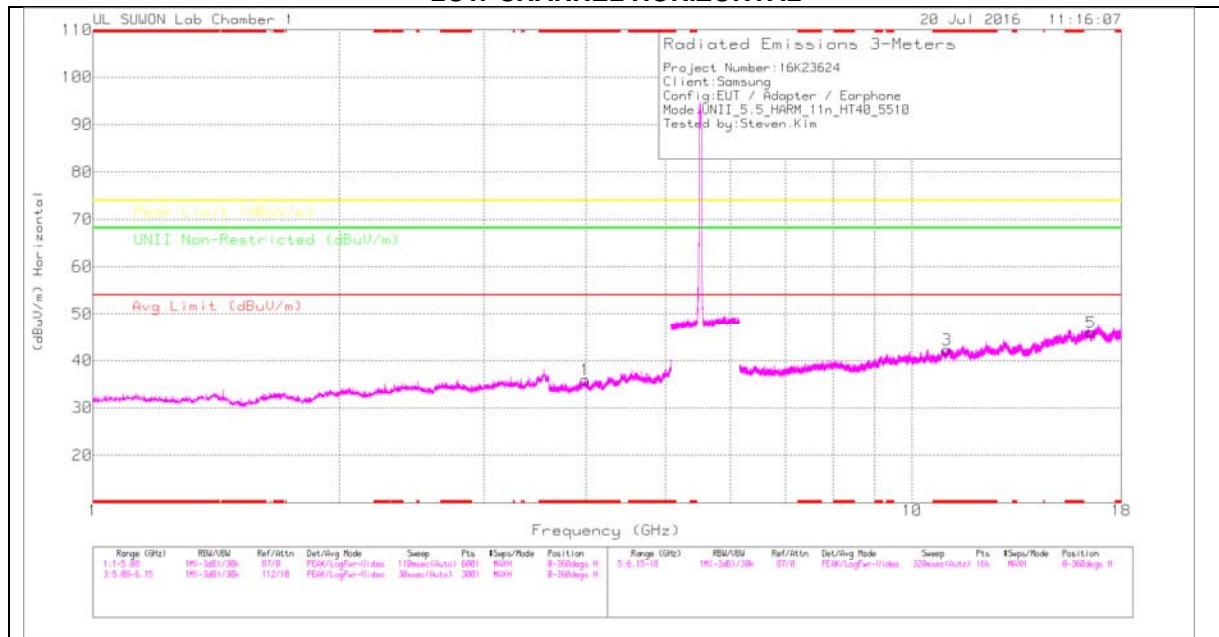
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_2_10 dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.35	Pk	34.7	-15.6	0	58.45	68.2	-9.75	353	161	V
2	5.762	43.08	Pk	34.7	-15.5	0	62.28	68.2	-5.92	353	161	V

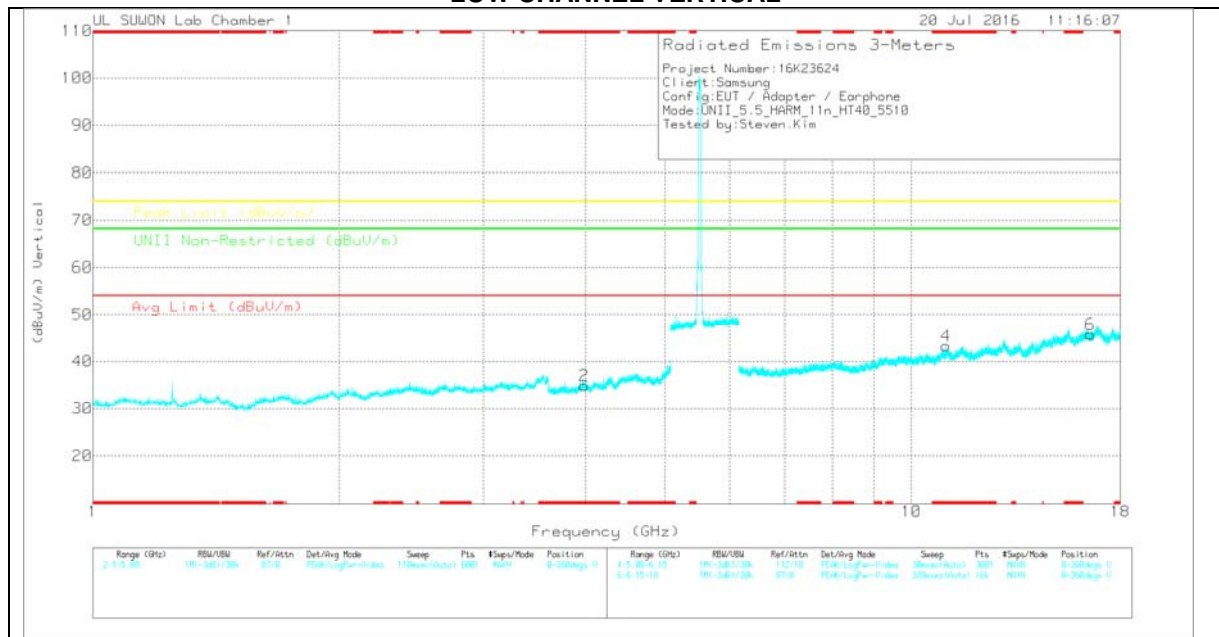
Pk - Peak detector

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

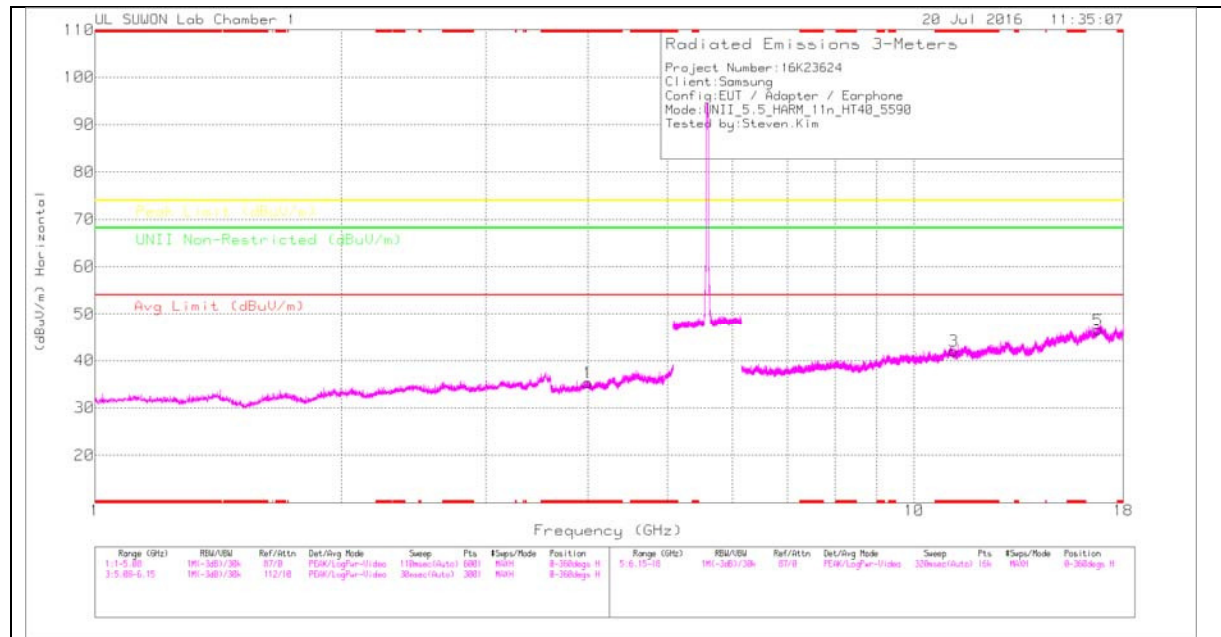
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.991	36.35	PK	33.4	-33.8	0	35.95	-	-	74	-38.05	-	-	0-360	200	H
2	* 3.987	35.33	PK	33.4	-33.8	0	34.93	-	-	74	-39.07	-	-	0-360	100	V
3	* 11.019	31.32	PK	38.2	-27.2	0	42.32	-	-	74	-31.68	-	-	0-360	100	H
5	16.535	26.84	PK	41.2	-22	0	46.04	-	-	-	-	68.2	-22.16	0-360	100	H
4	* 11.02	32.35	PK	38.2	-27.2	0	43.35	-	-	74	-30.65	-	-	0-360	100	V
6	16.534	26.62	PK	41.2	-22	0	45.82	-	-	-	-	68.2	-22.38	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

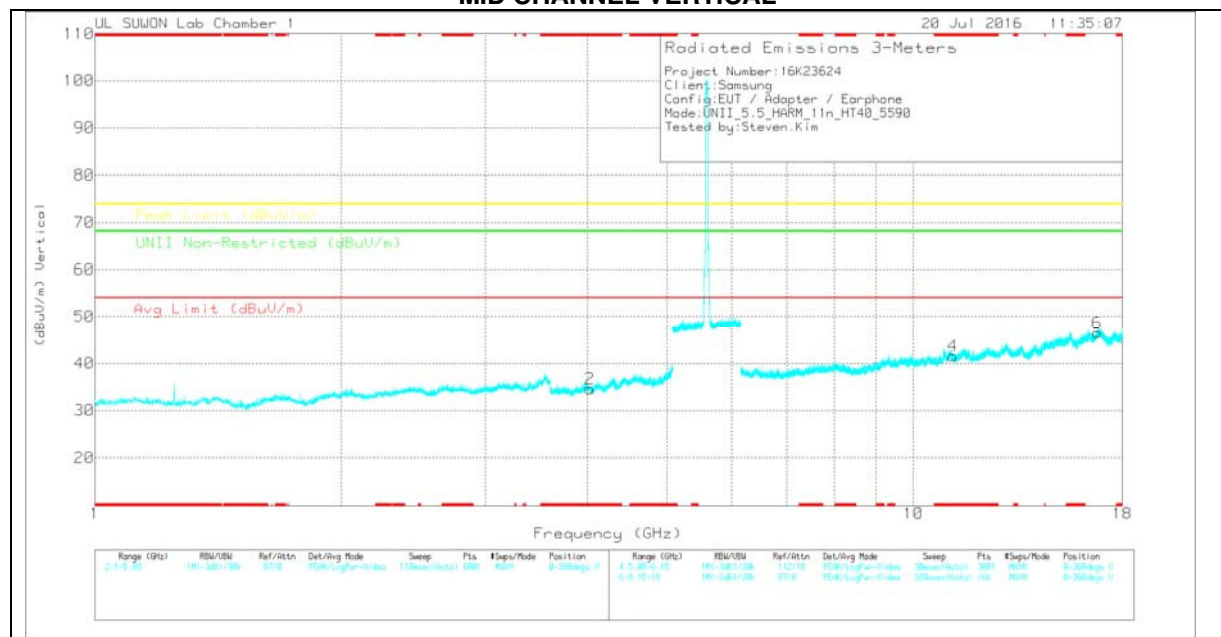
PK – Peak Detector

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

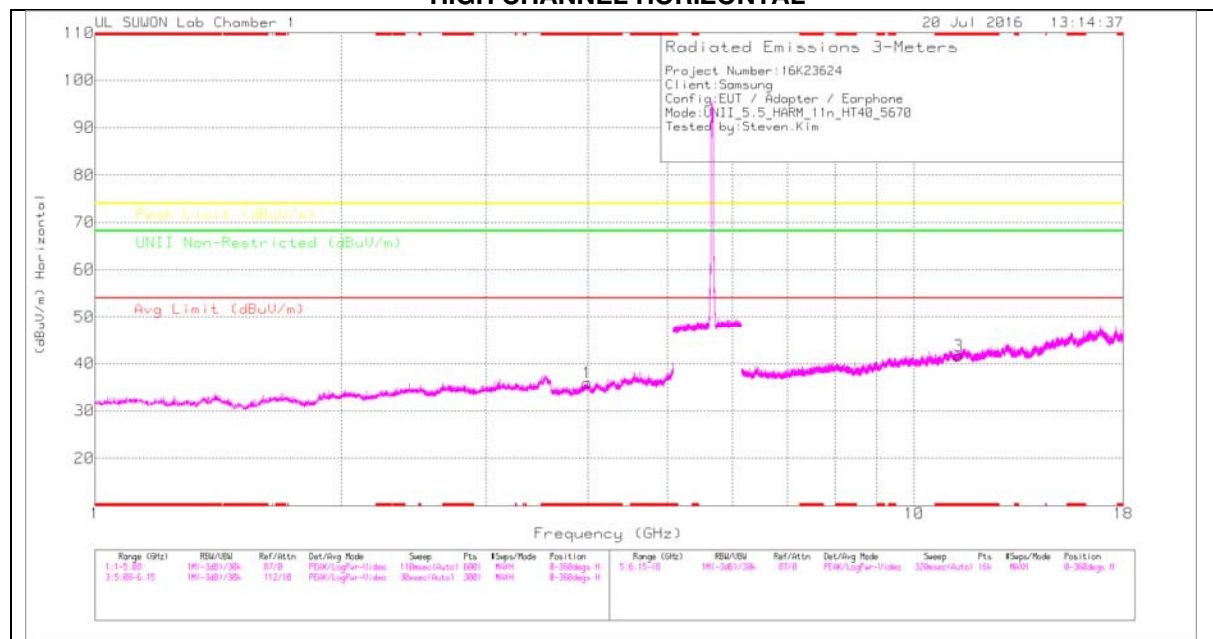
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.996	35.75	PK	33.4	-33.9	0	35.25	-	-	74	-38.75	-	-	0-360	200	H
2	* 4.027	35.37	PK	33.4	-34.1	0	34.67	-	-	74	-39.33	-	-	0-360	100	V
3	* 11.178	30.81	PK	38.3	-27.1	0	42.01	-	-	74	-31.99	-	-	0-360	200	H
5	16.765	26.36	PK	41.3	-21.1	0	46.56	-	-	-	-	68.2	-21.64	0-360	200	H
4	* 11.174	30.29	PK	38.3	-27	0	41.59	-	-	74	-32.41	-	-	0-360	100	V
6	16.763	26.28	PK	41.3	-21.1	0	46.48	-	-	-	-	68.2	-21.72	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

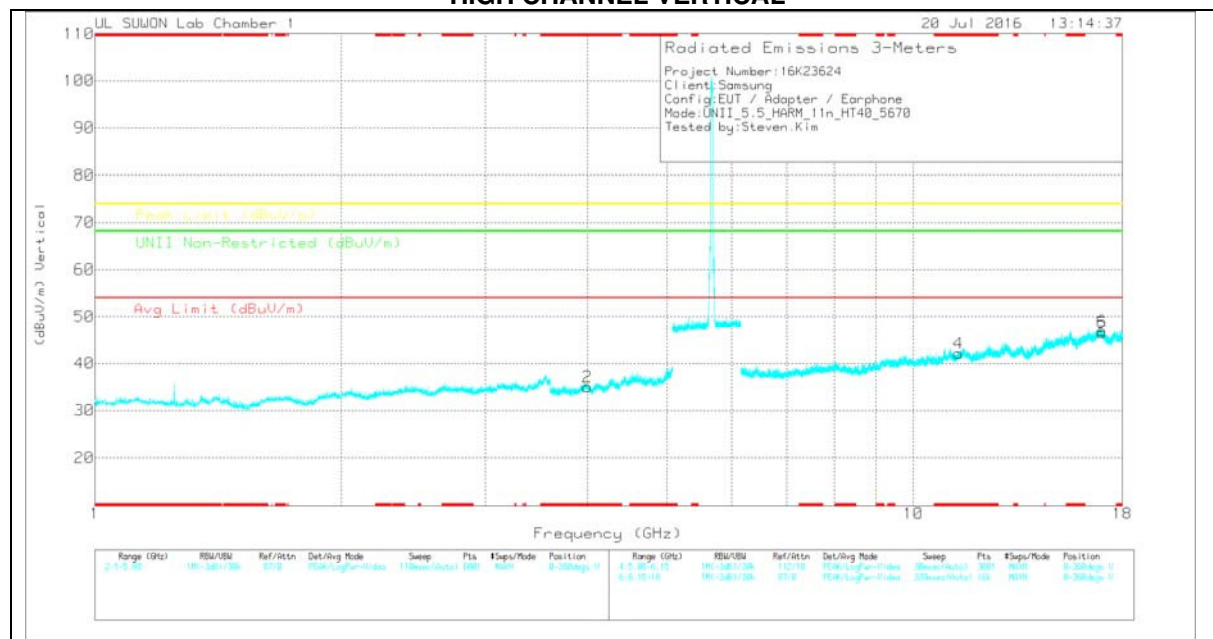
PK – Peak Detector

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(0016 8717)_150 619	Path_4	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	* 3.991	36.4	PK	33.4	-33.9	0	35.9	-	-	74	-38.1	-	-	0-360	200	H
2	* 3.994	35.58	PK	33.4	-33.9	0	35.08	-	-	74	-38.92	-	-	0-360	200	V
3	* 11.341	29.94	PK	38.5	-26.8	0	41.64	-	-	74	-32.36	-	-	0-360	100	H
4	* 11.344	30.45	PK	38.5	-26.8	0	42.15	-	-	74	-31.85	-	-	0-360	200	V
5	17.011	26.6	PK	41.4	-21.5	0	46.5	-	-	-	-	68.2	-21.7	0-360	100	V
6	17.014	26.95	PK	41.4	-21.4	0	46.95	-	-	-	-	68.2	-21.25	0-360	100	V

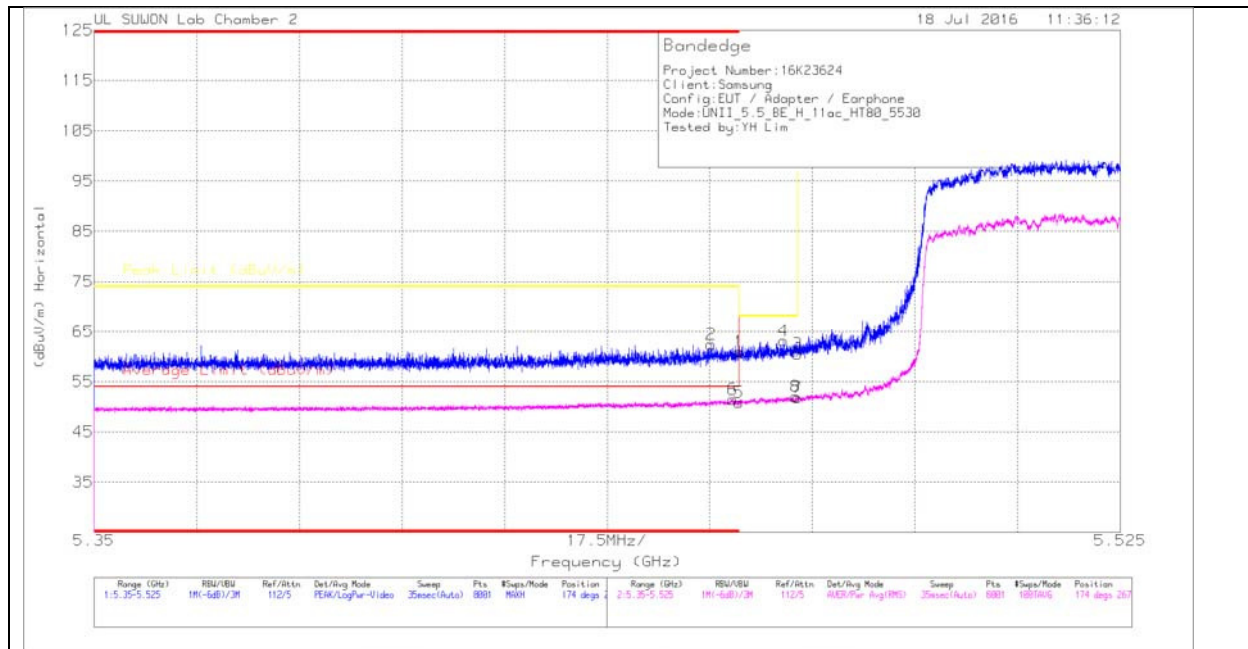
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak Detector

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

11.3.4. TX ABOVE 1GHz 802.11ac VHT80 2TX CDD MODE IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

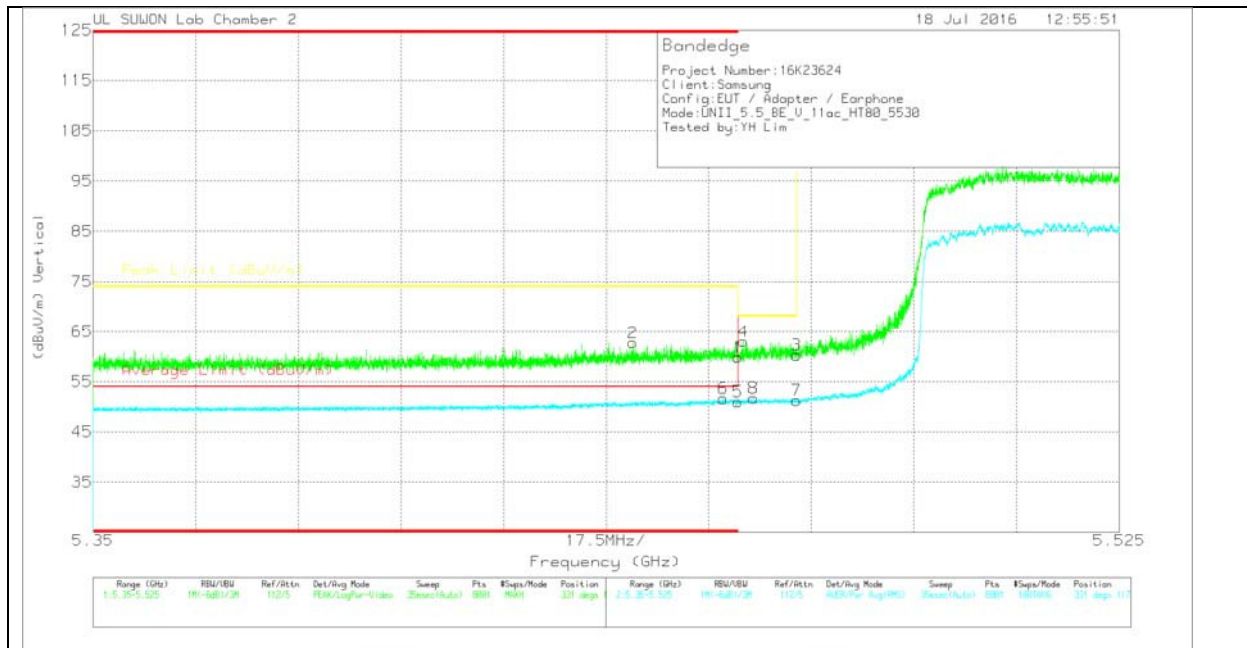
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	42.67	Pk	34.5	-16.2	0	60.97	-	-	74	-13.03	174	267	H
2	* 5.455	44.15	Pk	34.5	-16.2	0	62.45	-	-	74	-11.55	174	267	H
3	5.47	42.23	Pk	34.5	-16.2	0	60.53	-	-	68.2	-7.67	174	267	H
4	5.468	44.88	Pk	34.5	-16.2	0	63.18	-	-	68.2	-5.02	174	267	H
5	* 5.46	31.48	RMS	34.5	-16.2	1.11	50.89	54	-3.11	-	-	174	267	H
6	* 5.459	32.07	RMS	34.5	-16.2	1.11	51.48	54	-2.52	-	-	174	267	H

* - indicates frequency in CFR15.205/IC7.2.2 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(001687 24)_150619	Path_2_10dB	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	41.55	Pk	34.5	-16.2	0	59.85	-	-	74	-14.15	331	117	V
2	* 5.442	44.56	Pk	34.5	-16.3	0	62.76	-	-	74	-11.24	331	117	V
3	5.47	41.99	Pk	34.5	-16.2	0	60.29	-	-	68.2	-7.91	331	117	V
4	5.461	44.7	Pk	34.5	-16.2	0	63	-	-	68.2	-5.2	331	117	V
5	* 5.46	31.59	RMS	34.5	-16.2	1.11	51	54	-3	-	-	331	117	V
6	* 5.457	32.25	RMS	34.5	-16.2	1.11	51.66	54	-2.34	-	-	331	117	V

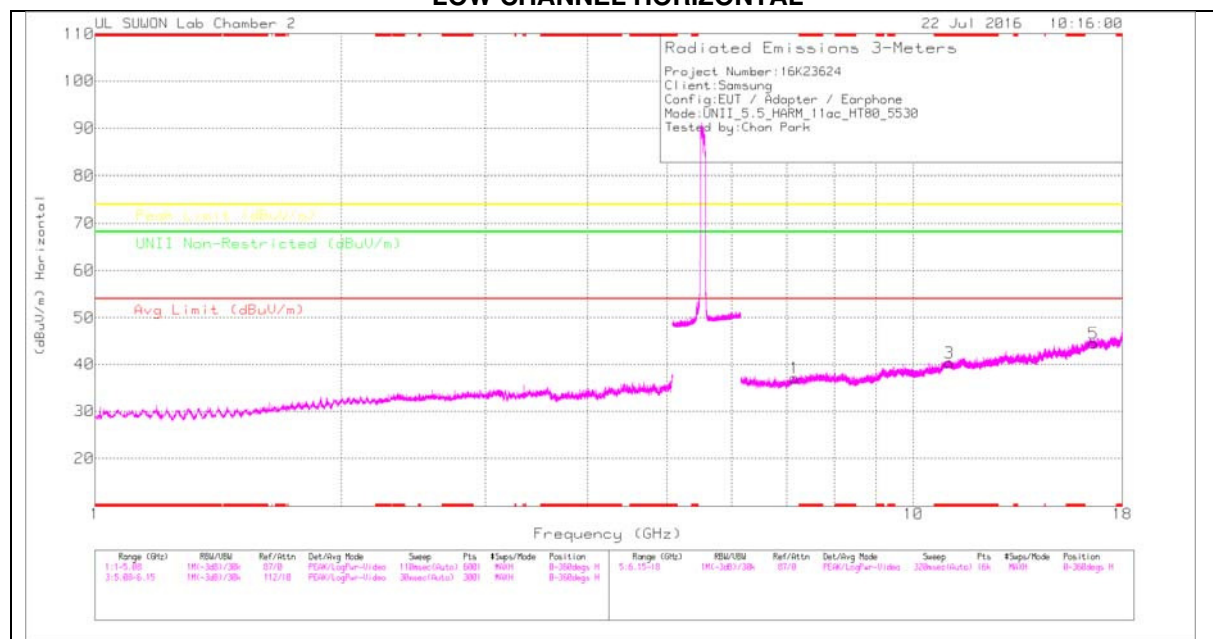
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

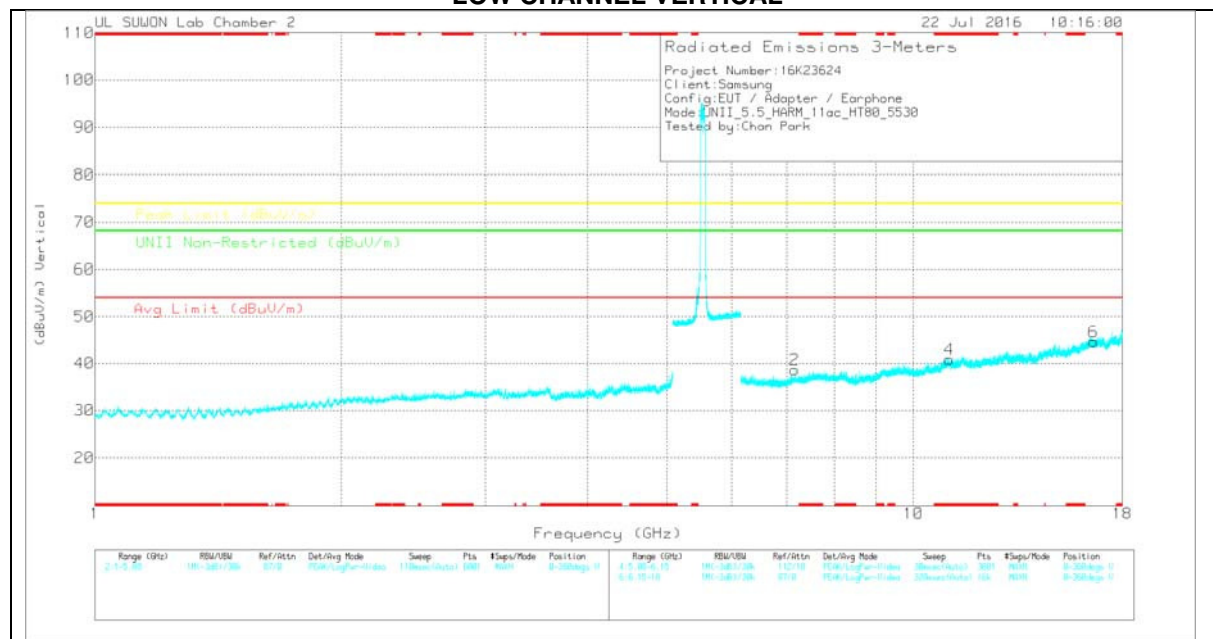
RMS - RMS detection

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

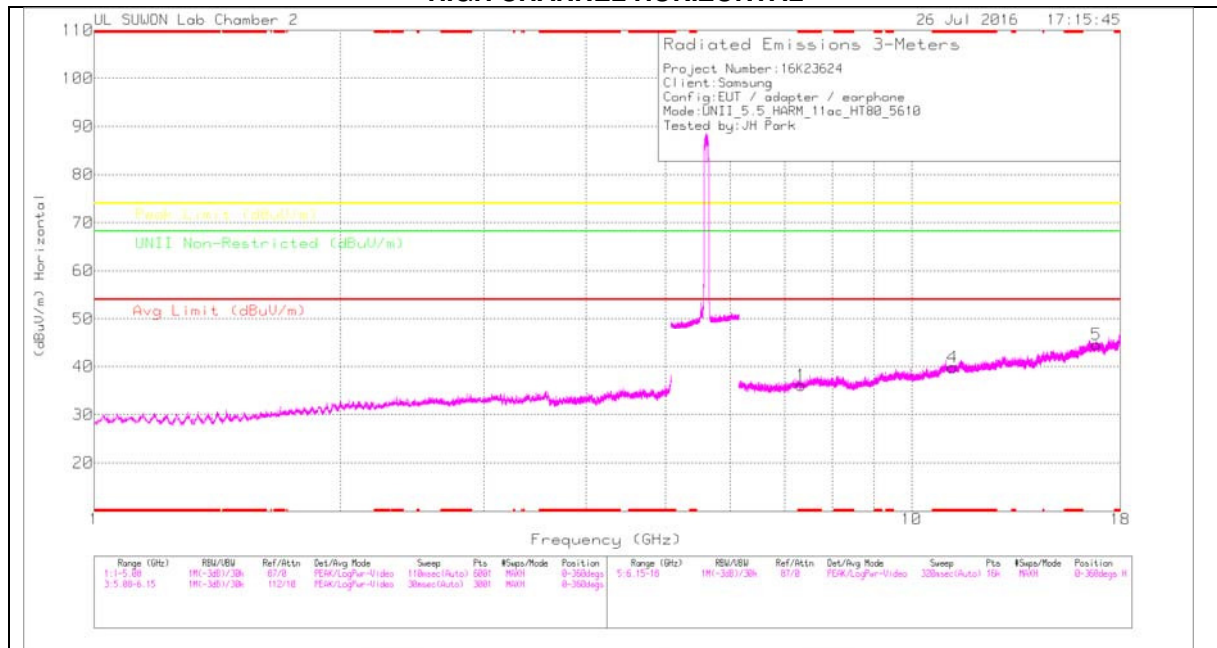
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.158	24.24	PK	35.7	-22.9	0	37.04	-	-	-	-	68.2	-31.16	0-360	100	H
3	* 11.062	19.9	PK	38.1	-17.7	0	40.3	-	-	74	-33.7	-	-	0-360	100	H
5	16.59	19.33	PK	41	-15.9	0	44.43	-	-	-	-	68.2	-23.77	0-360	200	H
2	7.155	25.82	PK	35.7	-22.9	0	38.62	-	-	-	-	68.2	-29.58	0-360	100	V
4	* 11.062	20.43	PK	38.1	-17.7	0	40.83	-	-	74	-33.17	-	-	0-360	100	V
6	16.594	19.48	PK	41	-15.9	0	44.58	-	-	-	-	68.2	-23.62	0-360	200	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

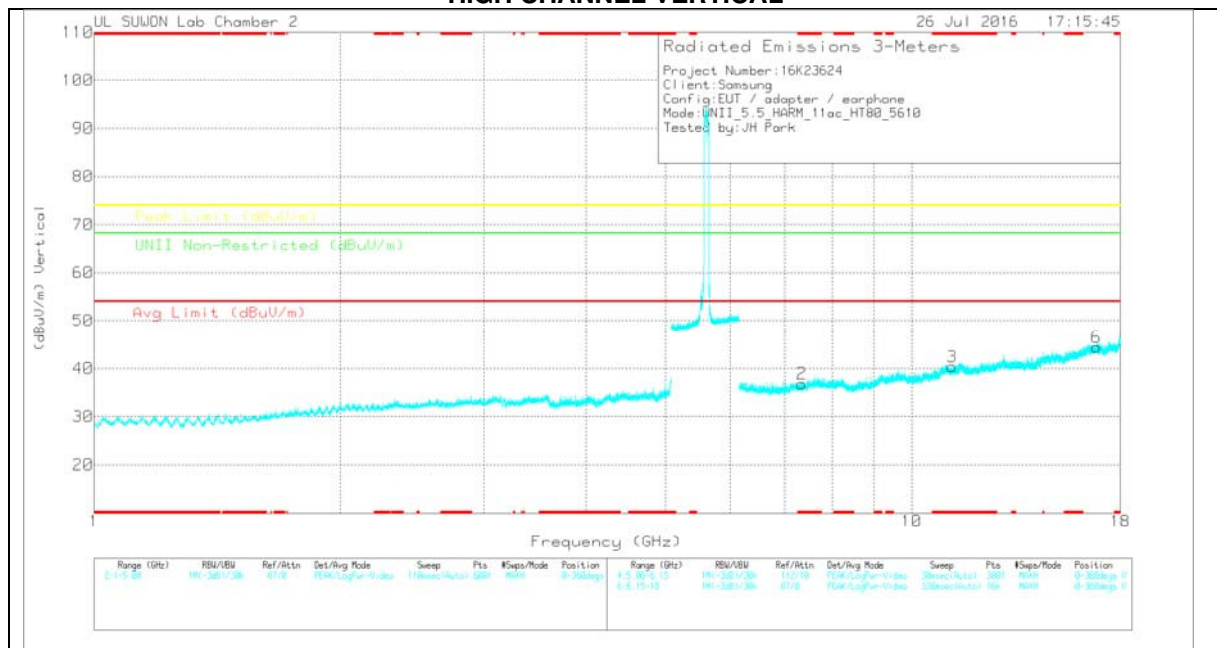
PK – Peak detector

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(0016 8724)_150 619	Path_5	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	* 7.329	22.28	PK	35.9	-22.1	0	36.08	-	-	74	-37.92	-	-	0-360	100	H
4	* 11.222	19.2	PK	38.2	-17.6	0	39.8	-	-	74	-34.2	-	-	0-360	100	H
5	16.834	18.88	PK	41.1	-15.4	0	44.58	-	-	-	-	68.2	-23.62	0-360	100	H
2	* 7.339	23.04	PK	35.9	-22.1	0	36.84	-	-	74	-37.16	-	-	0-360	200	V
3	* 11.218	19.77	PK	38.2	-17.6	0	40.37	-	-	74	-33.63	-	-	0-360	200	V
6	16.834	18.71	PK	41.1	-15.4	0	44.41	-	-	-	-	68.2	-23.79	0-360	100	V

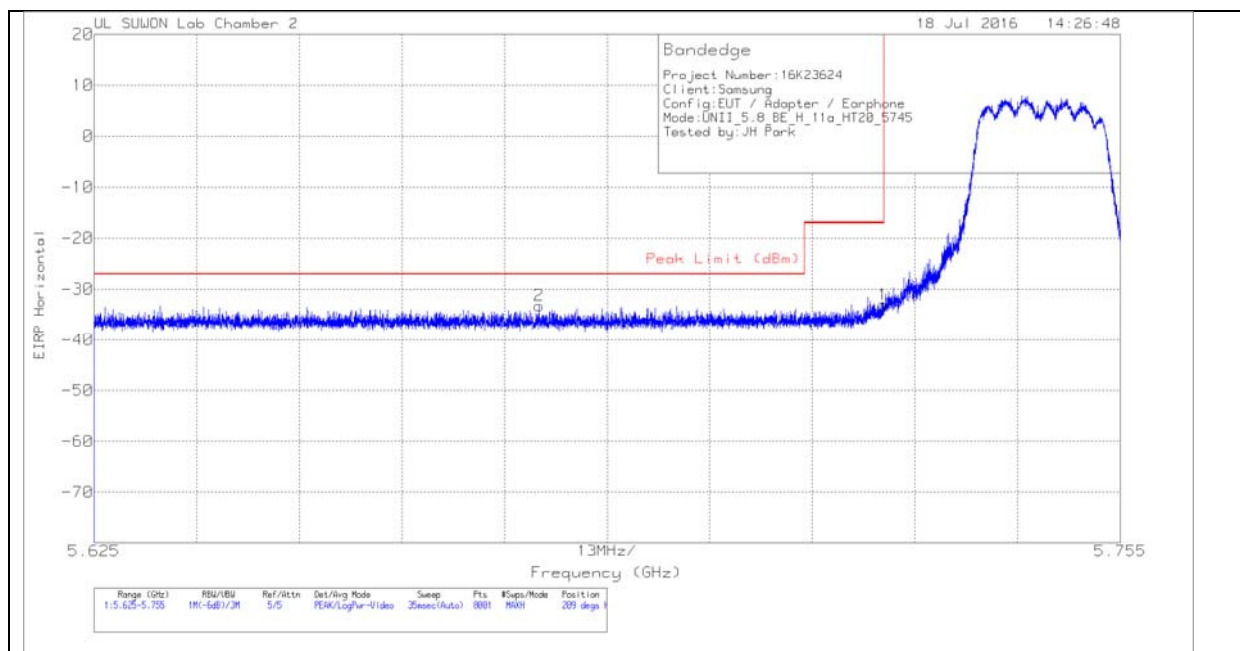
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

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 2TX CDD MODE IN THE 5.8GHz BAND HARMONICS AND SPURIOUS EMISSIONS HORIZONTAL PEAK PLOT



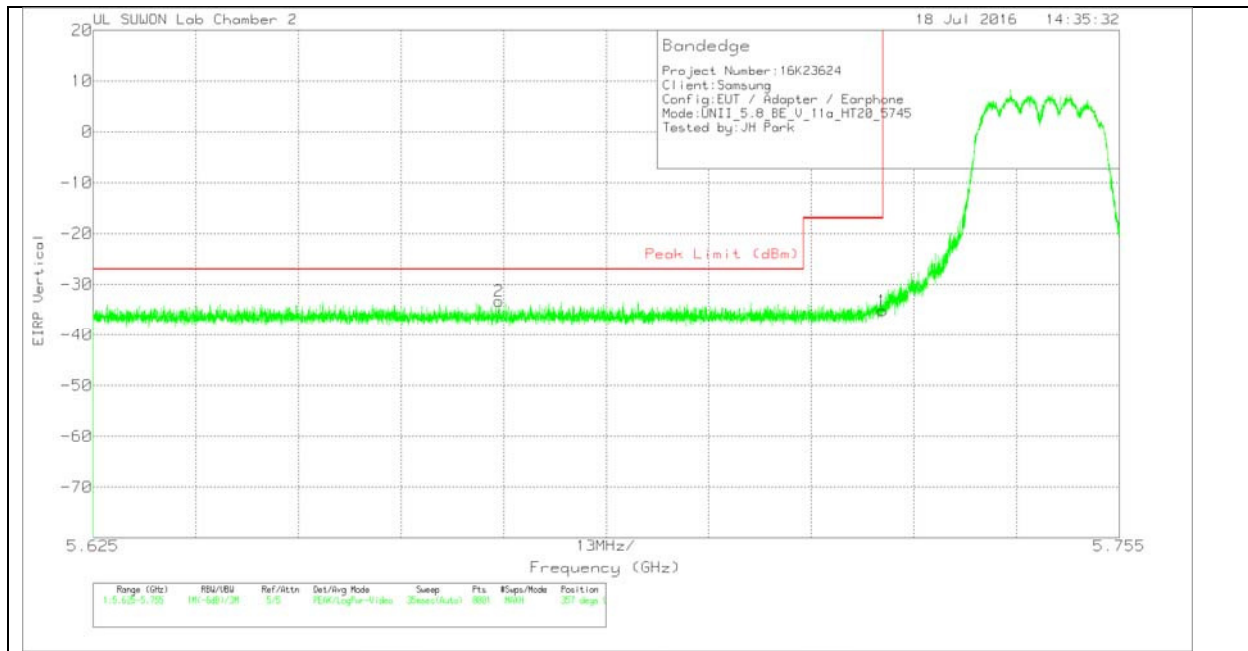
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8724)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-63.91	Pk	34.7	-15.6	11.8	0	-33.01	-17	-16.01	209	367	H
2	5.681	-63.99	Pk	34.6	-15.6	11.8	0	-33.19	-27	-6.19	209	367	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

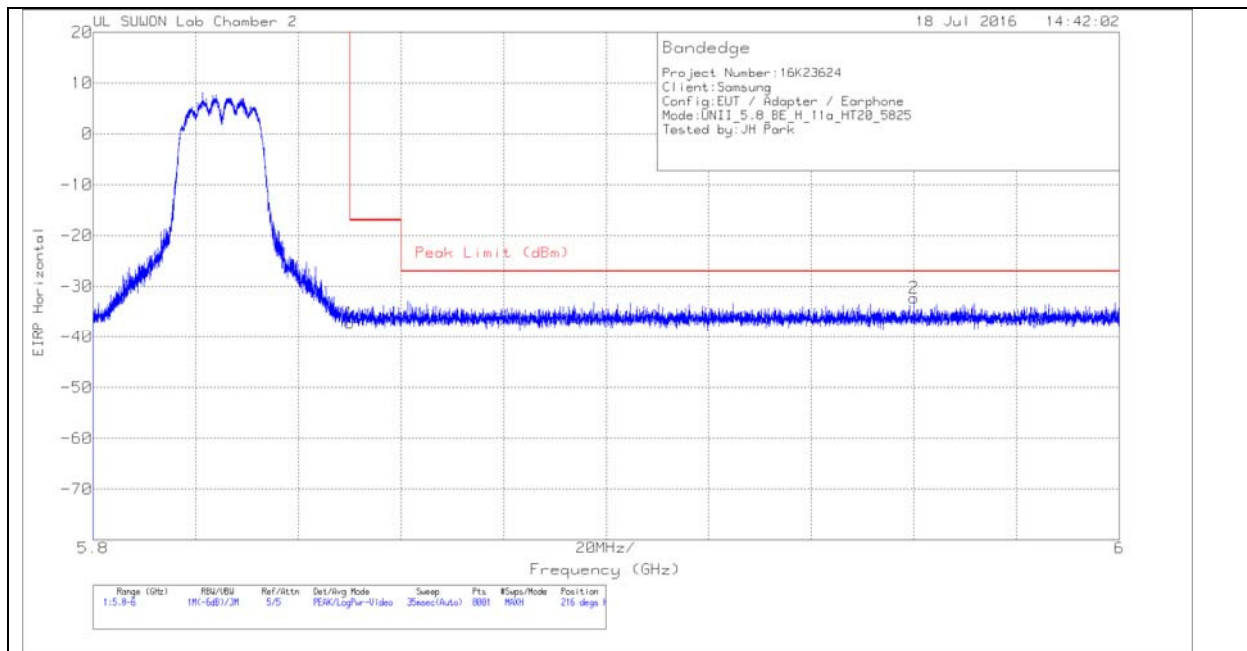
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8724)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-66.1	Pk	34.7	-15.6	11.8	0	-35.2	-17	-18.2	357	176	V
2	5.676	-64.08	Pk	34.6	-15.6	11.8	0	-33.28	-27	-6.28	357	176	V

Pk - Peak detector

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT



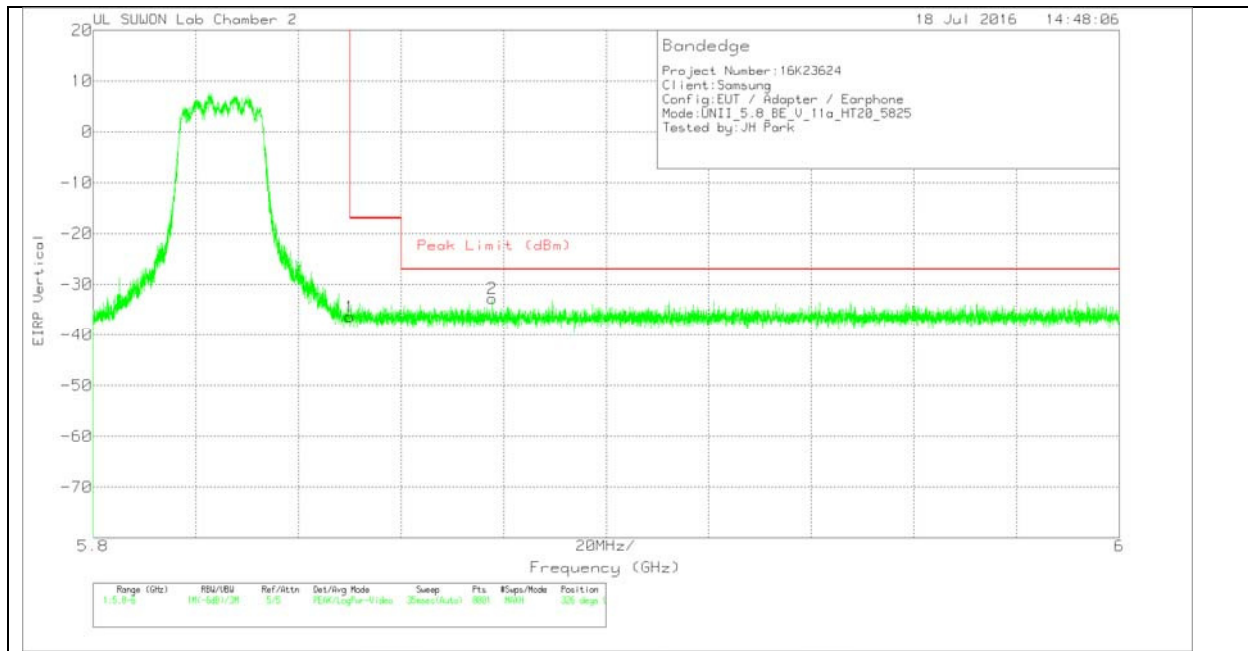
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8724)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.17	Pk	34.7	-15.5	11.8	0	-37.17	-17	-20.17	216	383	H
2	5.96	-63.45	Pk	34.8	-15.4	11.8	0	-32.25	-27	-5.25	216	383	H

Pk - Peak detector

VERTICAL PEAK PLOT



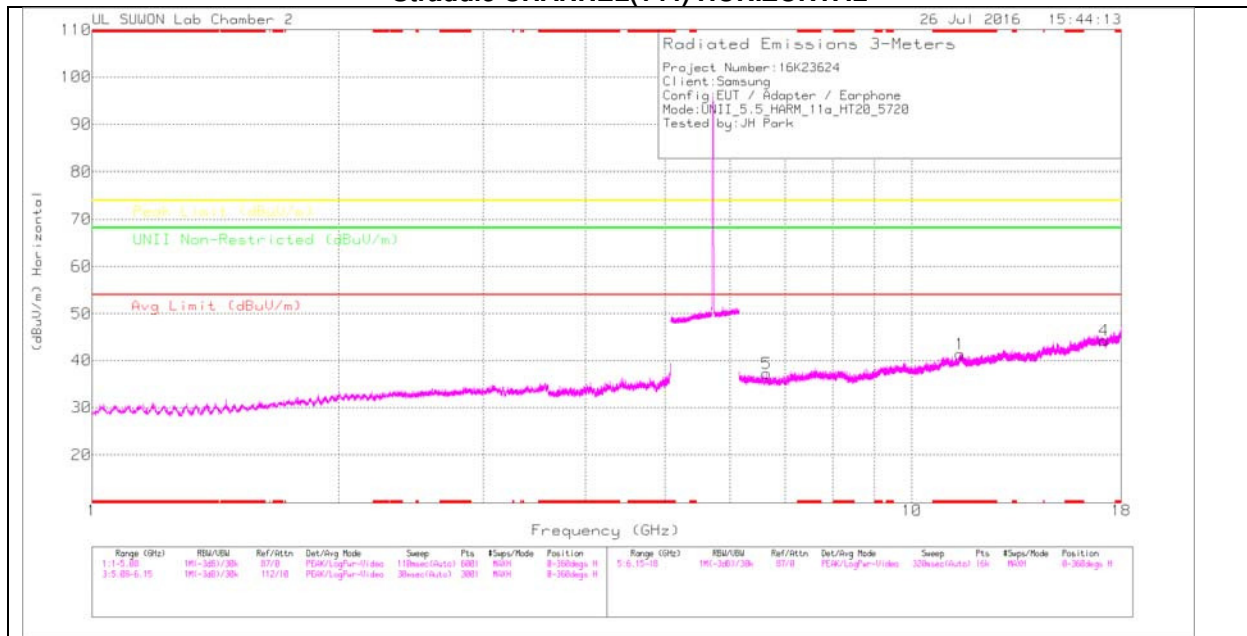
VERTICAL DATA

Trace Markers

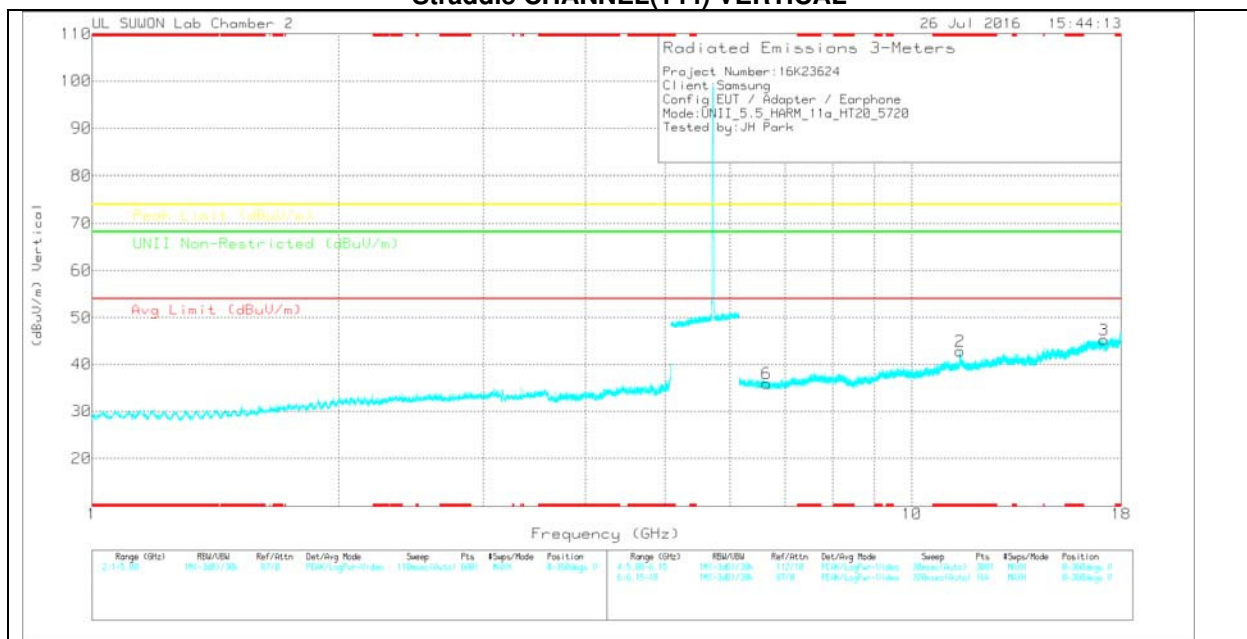
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8724)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.37	Pk	34.7	-15.5	11.8	0	-36.37	-17	-19.37	326	251	V
2	5.878	-63.87	Pk	34.8	-15.5	11.8	0	-32.77	-27	-5.77	326	251	V

Pk - Peak detector

Straddle CHANNEL(144) HORIZONTAL



Straddle CHANNEL(144) 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.

Straddle CHANNEL(144) DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_5	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	* 11.45	20.54	PK	38.3	-17.5	0	41.34	-	-	74	-32.66	-	-	0-360	100	H
4	17.156	18.44	PK	41.1	-15.3	0	44.24	-	-	-	-	68.2	-23.96	0-360	200	H
5	6.649	24.77	PK	35.3	-22.9	0	37.17	-	-	-	-	68.2	-31.03	0-360	100	H
2	* 11.442	21.83	PK	38.3	-17.4	0	42.73	-	-	74	-31.27	-	-	0-360	100	V
3	17.154	19.49	PK	41.1	-15.3	0	45.29	-	-	-	-	68.2	-22.91	0-360	100	V
6	6.646	23.64	PK	35.3	-23	0	35.94	-	-	-	-	68.2	-32.26	0-360	200	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak Detector

Radiated Emissions

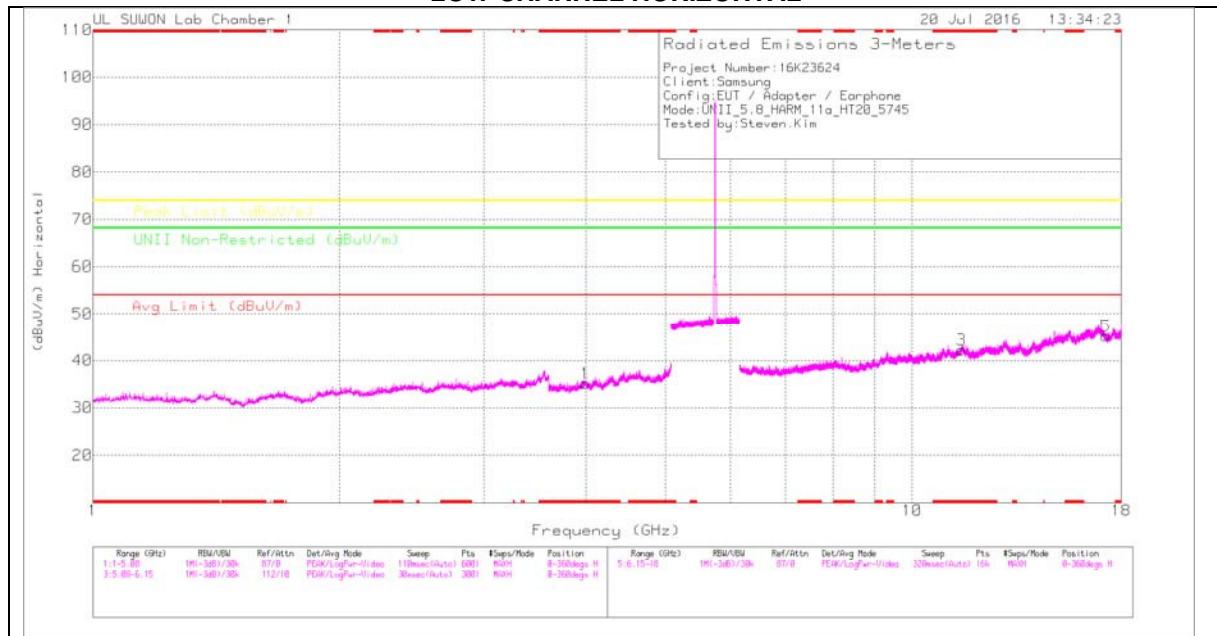
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.438	29.95	PK-U	38.3	-17.4	0	50.85	-	-	74	-23.15	-	-	19	307	H
* 11.442	17.66	ADR	38.3	-17.4	.29	38.85	54	-15.15	-	-	-	-	19	307	H
* 11.442	31.12	PK-U	38.3	-17.4	0	52.02	-	-	74	-21.98	-	-	356	272	V
* 11.443	18.05	ADR	38.3	-17.4	.29	39.24	54	-14.76	-	-	-	-	356	272	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

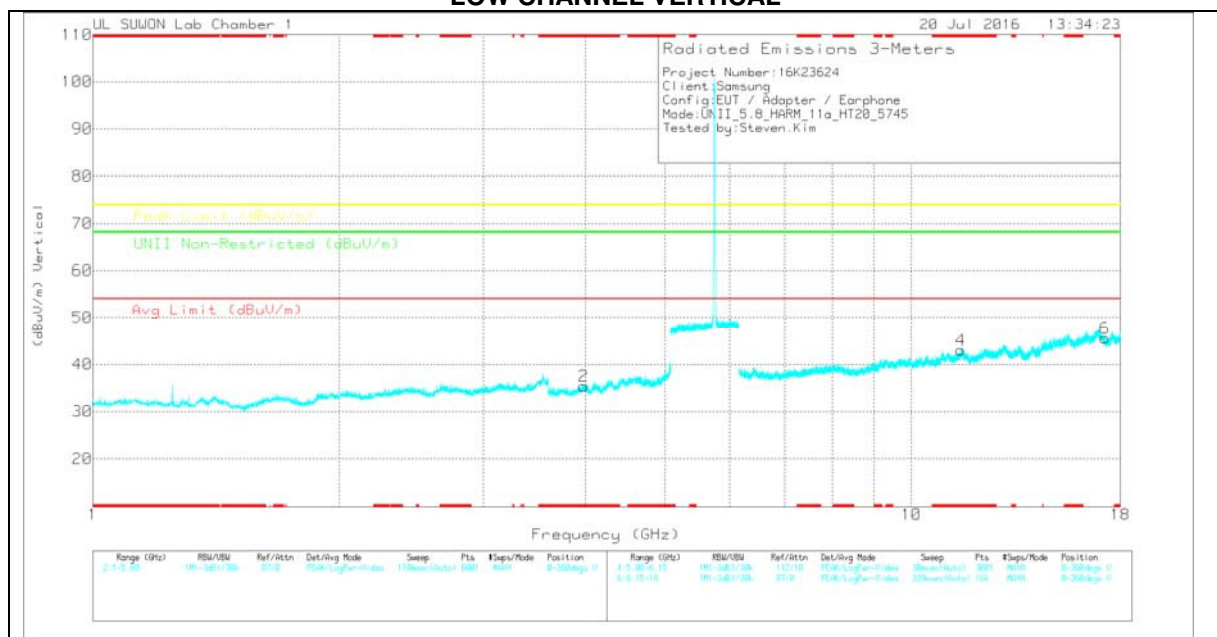
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

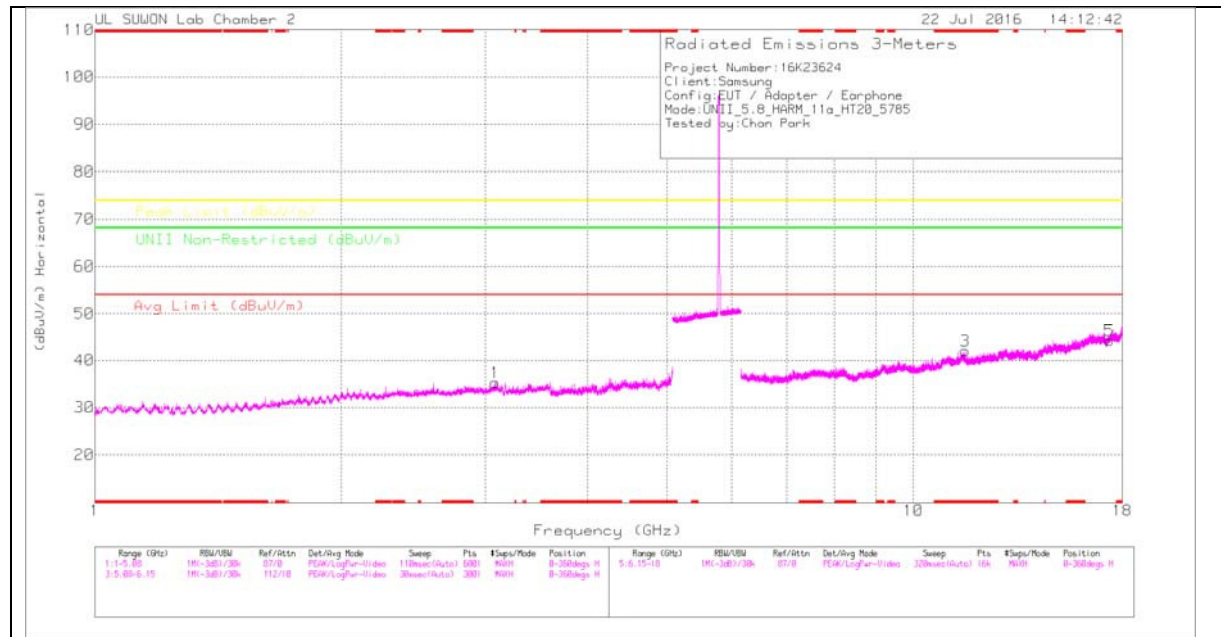
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.988	35.61	PK	33.4	-33.8	0	35.21	-	-	74	-38.79	-	-	0-360	200	H
2	* 3.978	35.82	PK	33.4	-33.8	0	35.42	-	-	74	-38.58	-	-	0-360	200	V
3	* 11.49	30.61	PK	38.6	-27	0	42.21	-	-	74	-31.79	-	-	0-360	200	H
5	17.238	25.34	PK	41.2	-21.3	0	45.24	-	-	-	-	68.2	-22.96	0-360	200	H
4	* 11.49	31.46	PK	38.6	-27	0	43.06	-	-	74	-30.94	-	-	0-360	100	V
6	17.24	25.8	PK	41.2	-21.4	0	45.6	-	-	-	-	68.2	-22.6	0-360	200	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

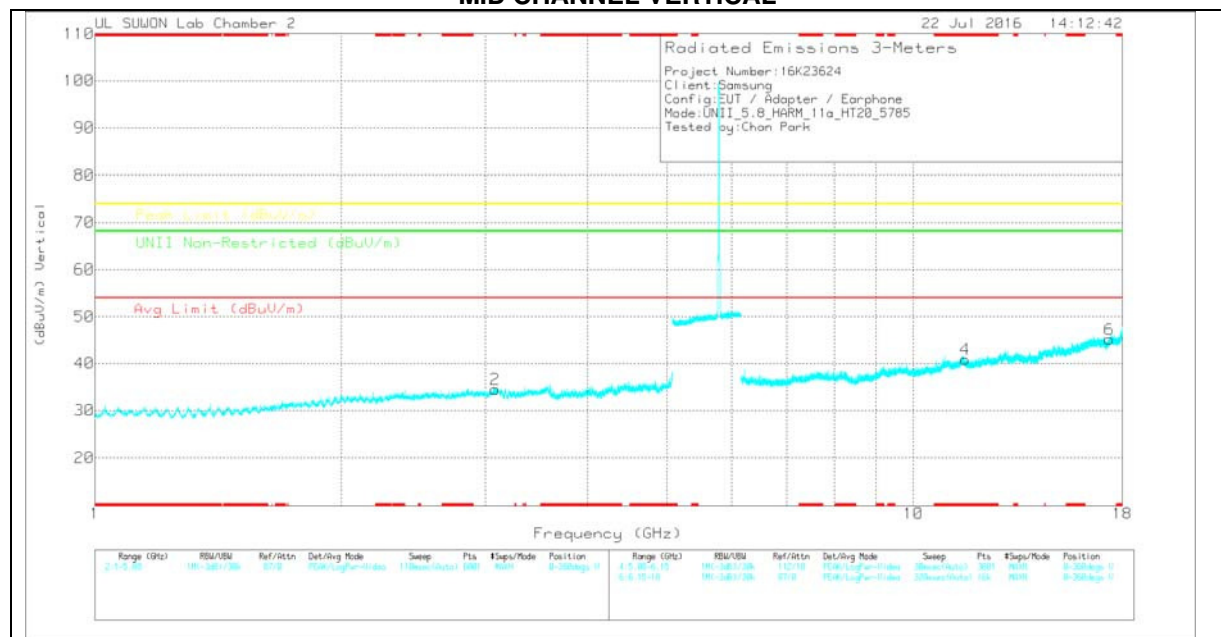
PK – Peak Detector

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)	Meter Reading (dBuV)	Det	3117(00168 724)_15061 9	Path_4	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	3.084	29.2	PK	32.5	-26.4	0	35.3	-	-	-	-	68.2	-32.9	0-360	100	H
2	3.084	28.4	PK	32.5	-26.4	0	34.5	-	-	-	-	68.2	-33.7	0-360	100	V
3	* 11.57	21.1	PK	38.4	-17.5	0	42	-	-	74	-32	-	-	0-360	100	H
5	17.354	18.11	PK	41.2	-15.1	0	44.21	-	-	-	-	68.2	-23.99	0-360	100	H
4	* 11.567	19.97	PK	38.4	-17.5	0	40.87	-	-	74	-33.13	-	-	0-360	200	V
6	17.352	18.96	PK	41.2	-15.1	0	45.06	-	-	-	-	68.2	-23.14	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 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).