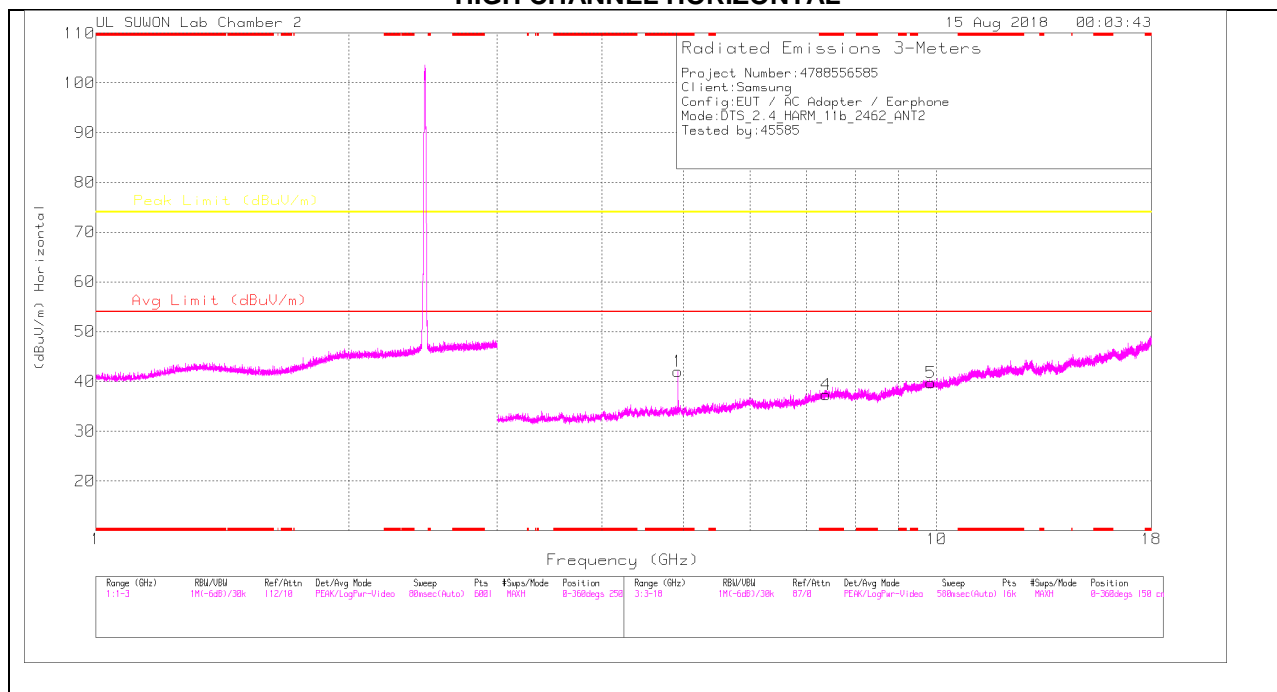
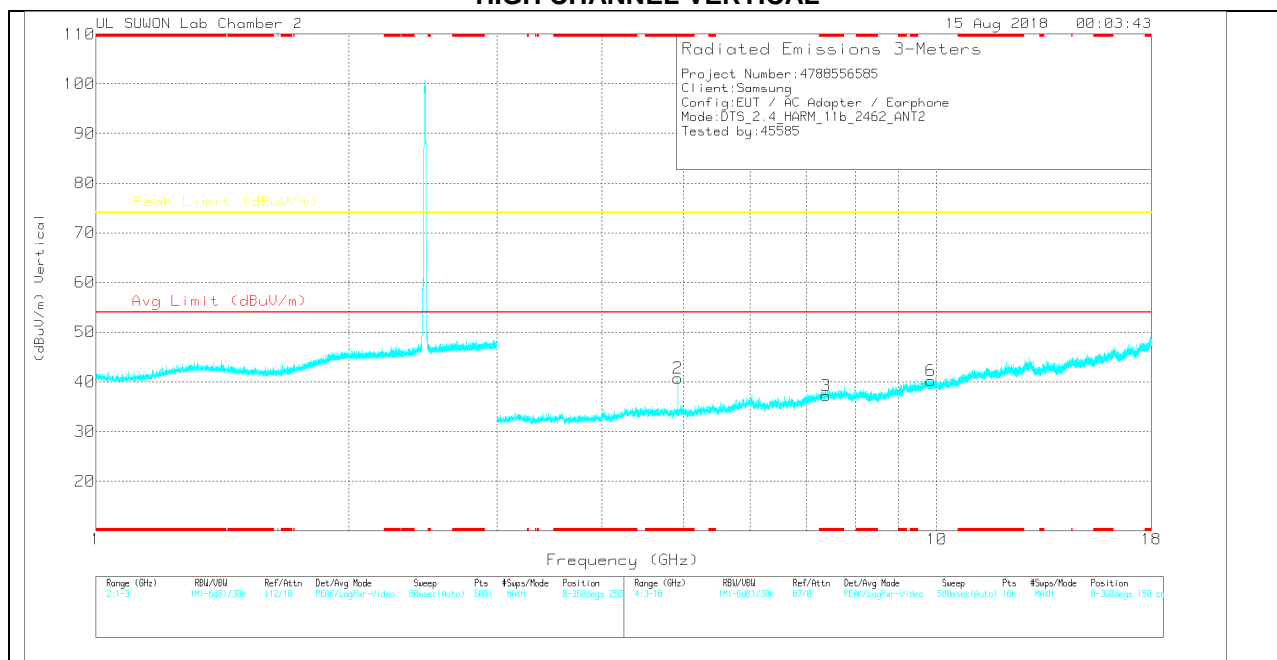


HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 26GHz; 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_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.924	35.35	PK	34	-27.3	0	42.05	-	-	74	-31.95	0-360	150	H
4	* 7.387	25.36	PK	36.2	-24.2	0	37.36	-	-	74	-36.64	0-360	150	H
5	9.848	24.27	PK	37.3	-21.8	0	39.77	-	-	74	-34.23	0-360	250	H
2	* 4.924	34	PK	34	-27.3	0	40.7	-	-	74	-33.3	0-360	250	V
3	* 7.386	25.21	PK	36.2	-24.2	0	37.21	-	-	74	-36.79	0-360	150	V
6	9.848	24.73	PK	37.3	-21.8	0	40.23	-	-	74	-33.77	0-360	250	V

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

Radiated Emissions

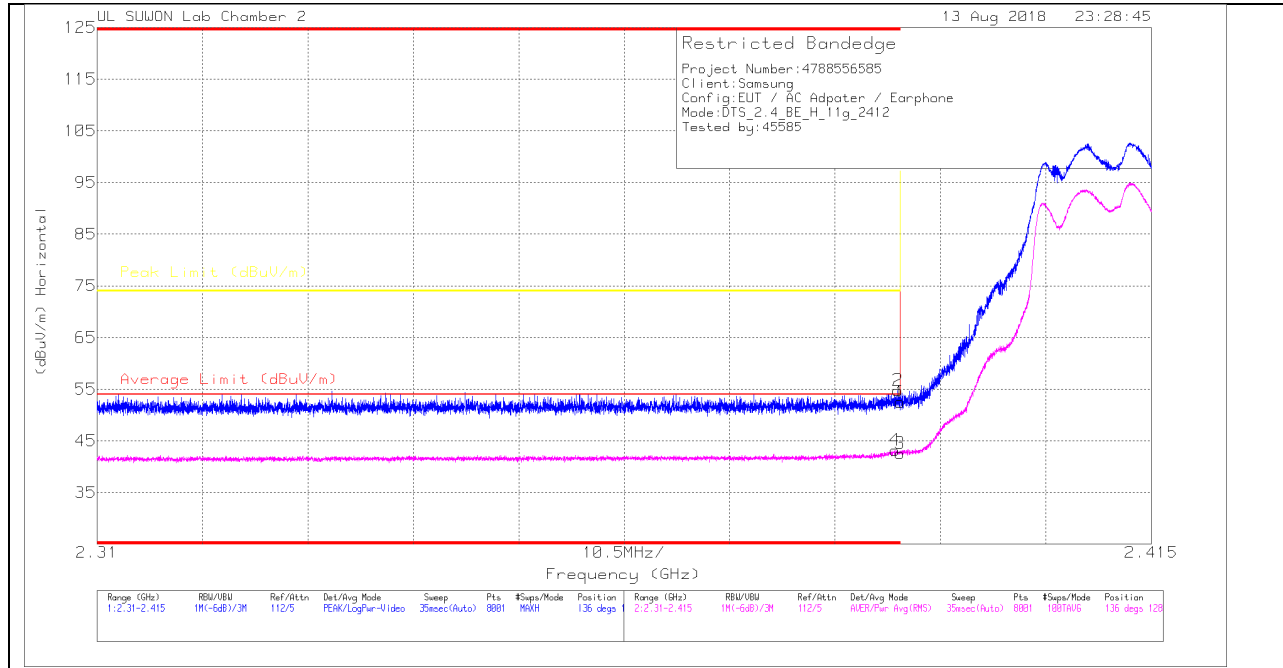
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.924	40.96	PK2	34	-27.3	0	47.66	-	-	74	-26.34	274	100	H
* 4.924	35.53	MAv1	34	-27.3	0	42.23	54	-11.77	-	-	274	100	H
* 4.924	40.46	PK2	34	-27.3	0	47.16	-	-	74	-26.84	315	202	V
* 4.924	34.25	MAv1	34	-27.3	0	40.95	54	-13.05	-	-	315	202	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

11.2.3. TX ABOVE 1 GHz 802.11g 2TX CDD MODE IN THE 2.4 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

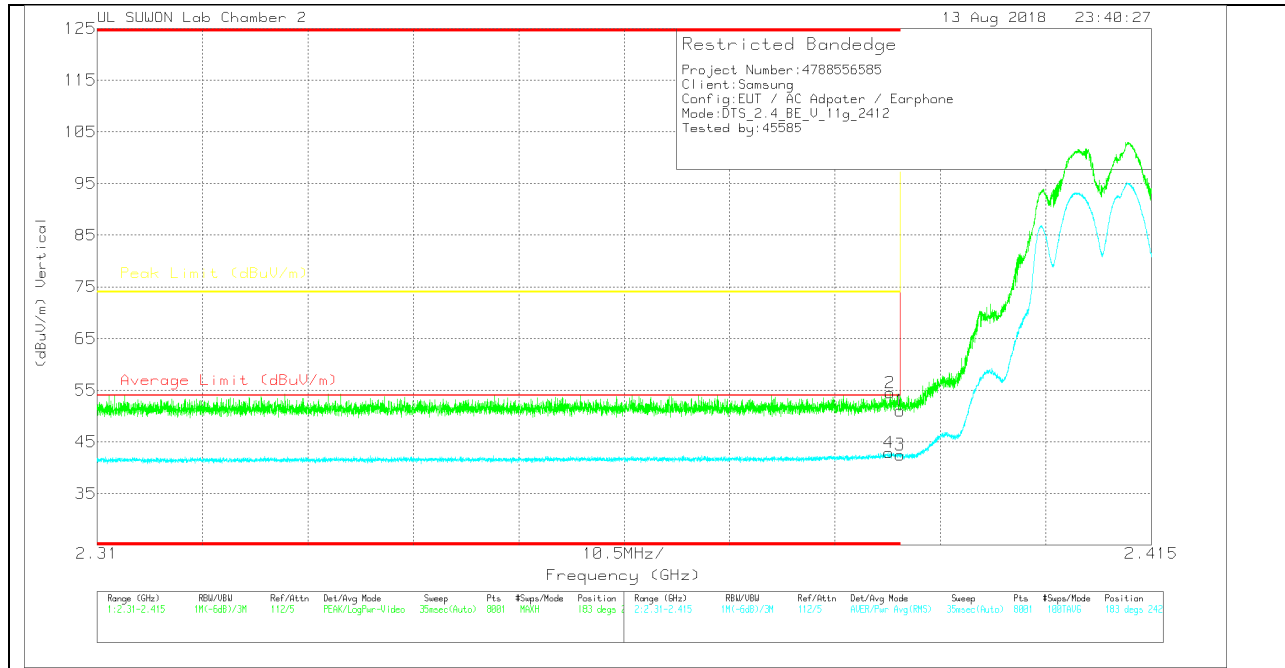
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	41.71	Pk	31.6	-20.8	0	52.51	-	-	74	-21.49	136	128	H
2	* 2.39	43.97	Pk	31.6	-20.8	0	54.77	-	-	74	-19.23	136	128	H
3	* 2.39	31.8	RMS	31.6	-20.8	0	42.6	54	-11.4	-	-	136	128	H
4	* 2.389	32.42	RMS	31.6	-20.8	0	43.22	54	-10.78	-	-	136	128	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_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Asmuth (Degs)	Height (cm)	Polarity
1	* 2.39	40.25	Pk	31.6	-20.8	0	51.05	-	-	74	-22.95	183	242	V
2	* 2.389	43.68	Pk	31.6	-20.8	0	54.48	-	-	74	-19.52	183	242	V
3	* 2.39	31.7	RMS	31.6	-20.8	0	42.5	54	-11.5	-	-	183	242	V
4	* 2.389	32.12	RMS	31.6	-20.8	0	42.92	54	-11.08	-	-	183	242	V

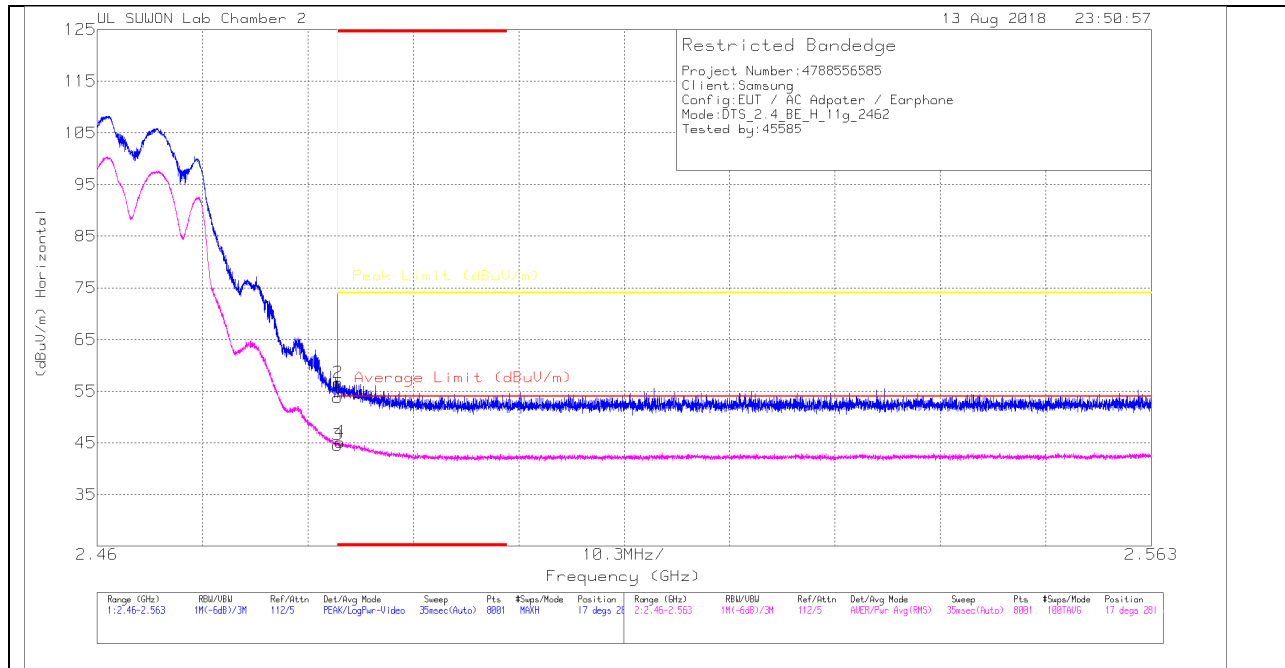
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

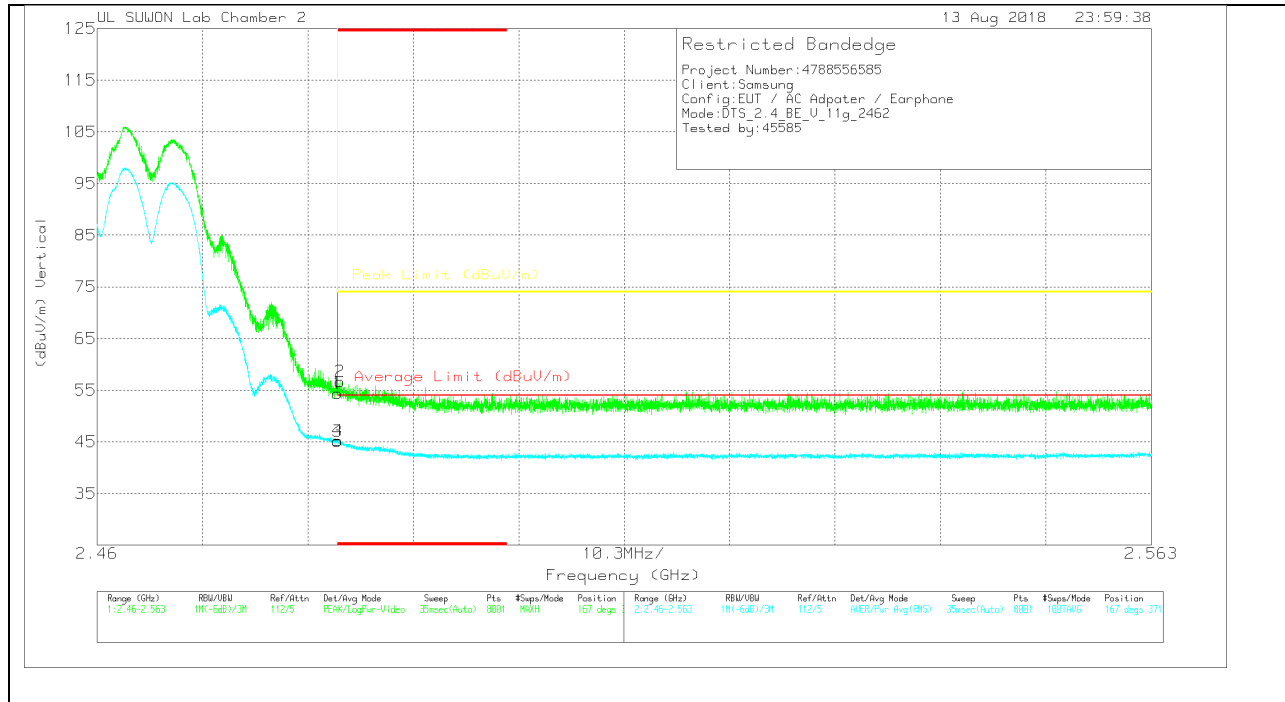
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.51	Pk	31.9	-20.6	0	53.81	-	-	74	-20.19	17	281	H
2	* 2.484	45.38	Pk	31.9	-20.6	0	56.68	-	-	74	-17.32	17	281	H
3	* 2.484	33.29	RMS	31.9	-20.6	0	44.59	54	-9.41	-	-	17	281	H
4	* 2.484	33.85	RMS	31.9	-20.6	0	45.15	54	-8.85	-	-	17	281	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_00168724	10dB[dB]	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	* 2.484	43.1	PK	31.9	-20.6	0	54.4	-	-	74	-19.6	167	371	V
2	* 2.484	45.39	PK	31.9	-20.6	0	56.69	-	-	74	-17.31	167	371	V
3	* 2.484	33.81	RMS	31.9	-20.6	0	45.11	54	-8.89	-	-	167	371	V
4	* 2.484	33.94	RMS	31.9	-20.6	0	45.24	54	-8.76	-	-	167	371	V

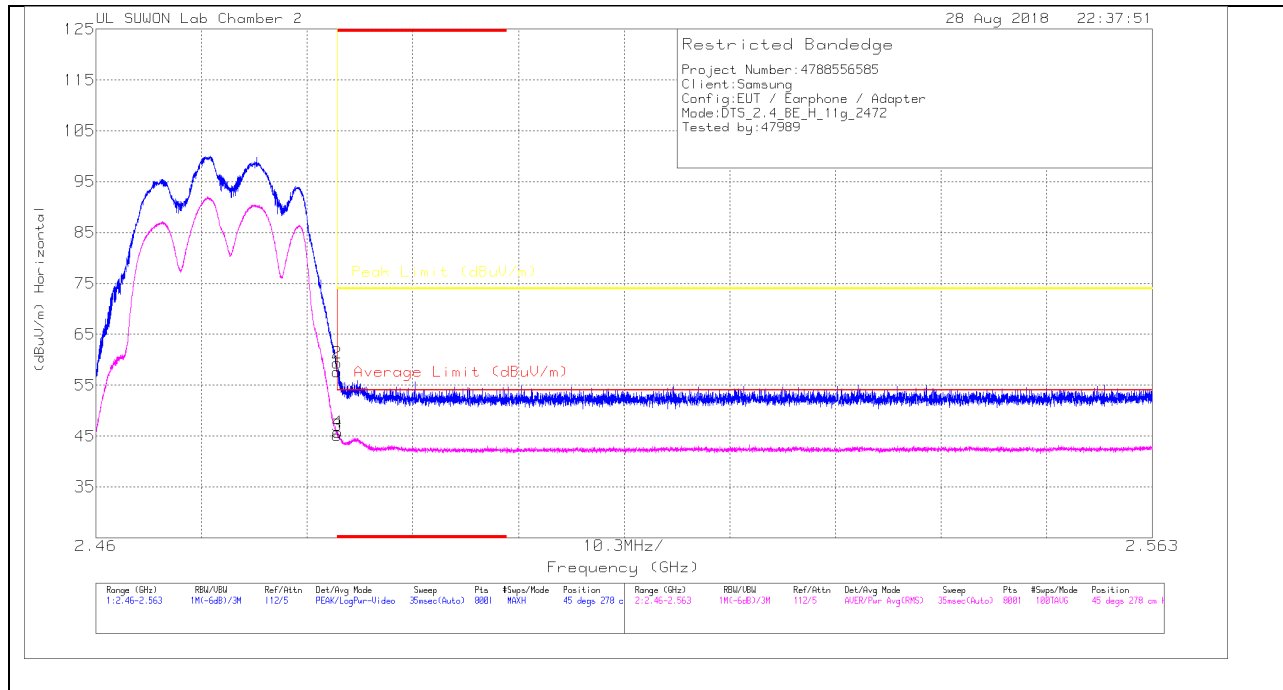
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (13 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

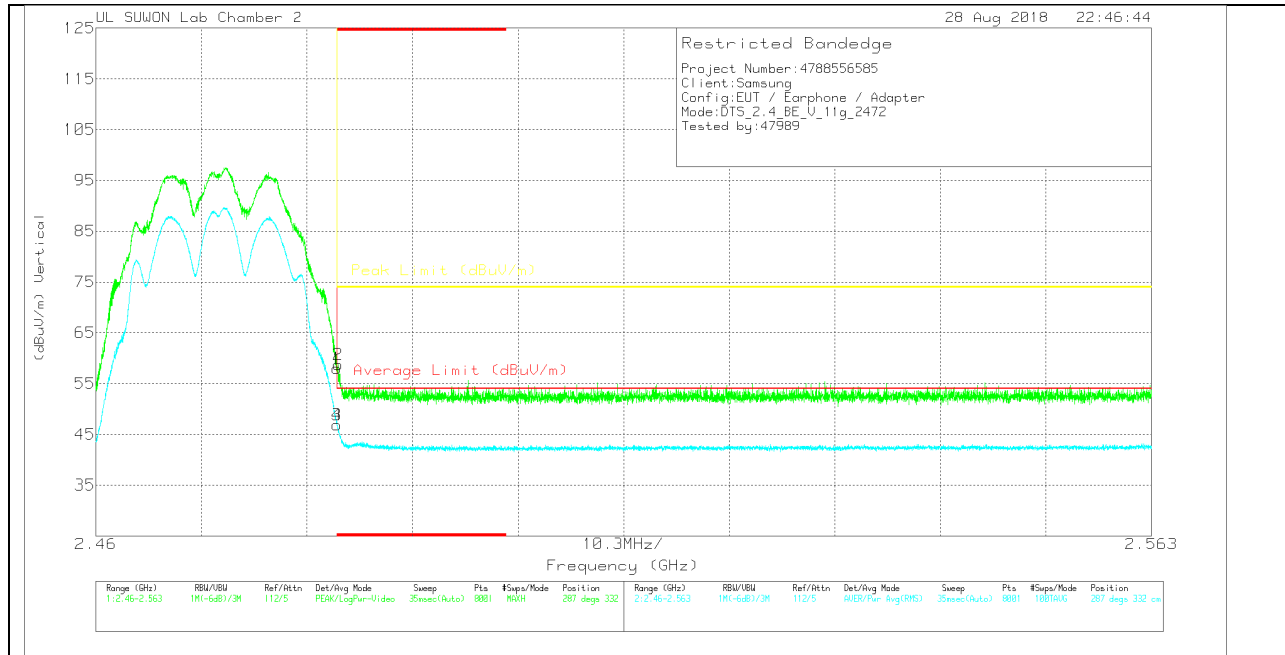
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.31	Pk	31.9	-20.6	0	57.61	-	-	74	-16.39	45	278	H
2	* 2.484	48.05	Pk	31.9	-20.6	0	59.35	-	-	74	-14.65	45	278	H
3	* 2.484	33.85	RMS	31.9	-20.6	0	45.15	54	-8.85	-	-	45	278	H
4	* 2.484	34.41	RMS	31.9	-20.6	0	45.71	54	-8.29	-	-	45	278	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_00168724	10dB[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	* 2.484	46.75	Pk	31.9	-20.6	0	58.05	-	-	74	-15.95	287	332	V
2	* 2.484	47.43	Pk	31.9	-20.6	0	58.73	-	-	74	-15.27	287	332	V
3	* 2.484	35.54	RMS	31.9	-20.6	0	46.84	54	-7.16	-	-	287	332	V
4	* 2.484	35.56	RMS	31.9	-20.6	0	46.86	54	-7.14	-	-	287	332	V

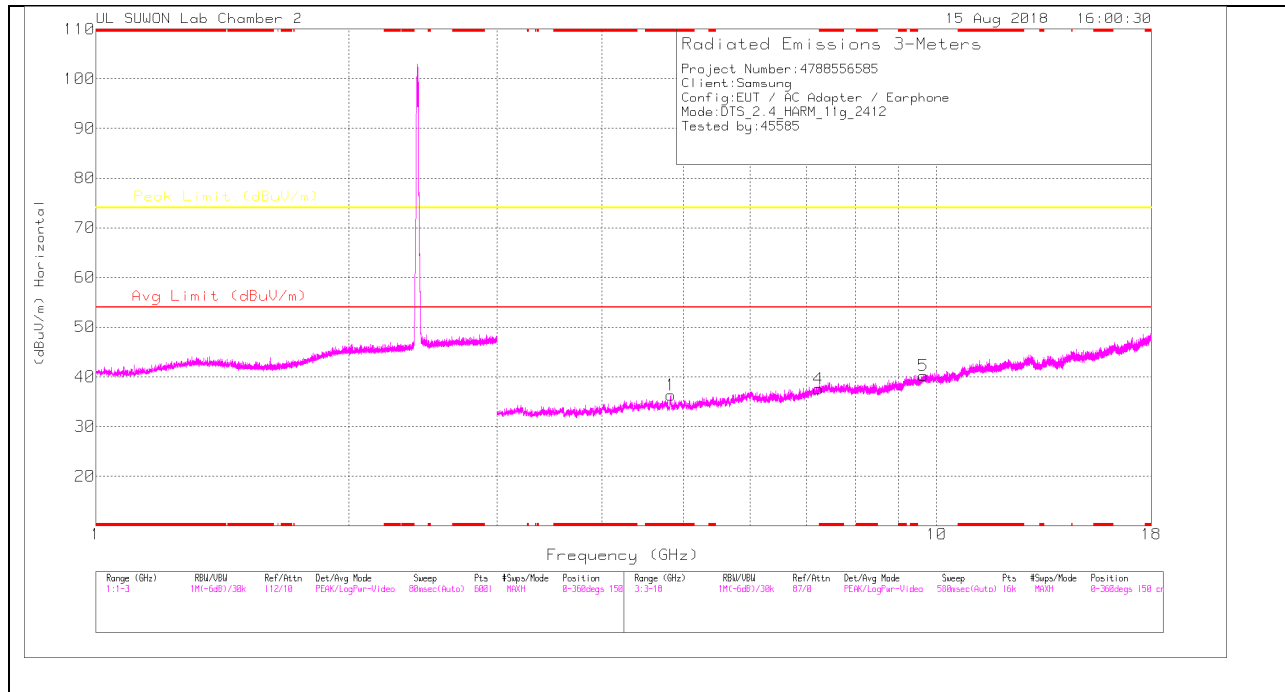
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

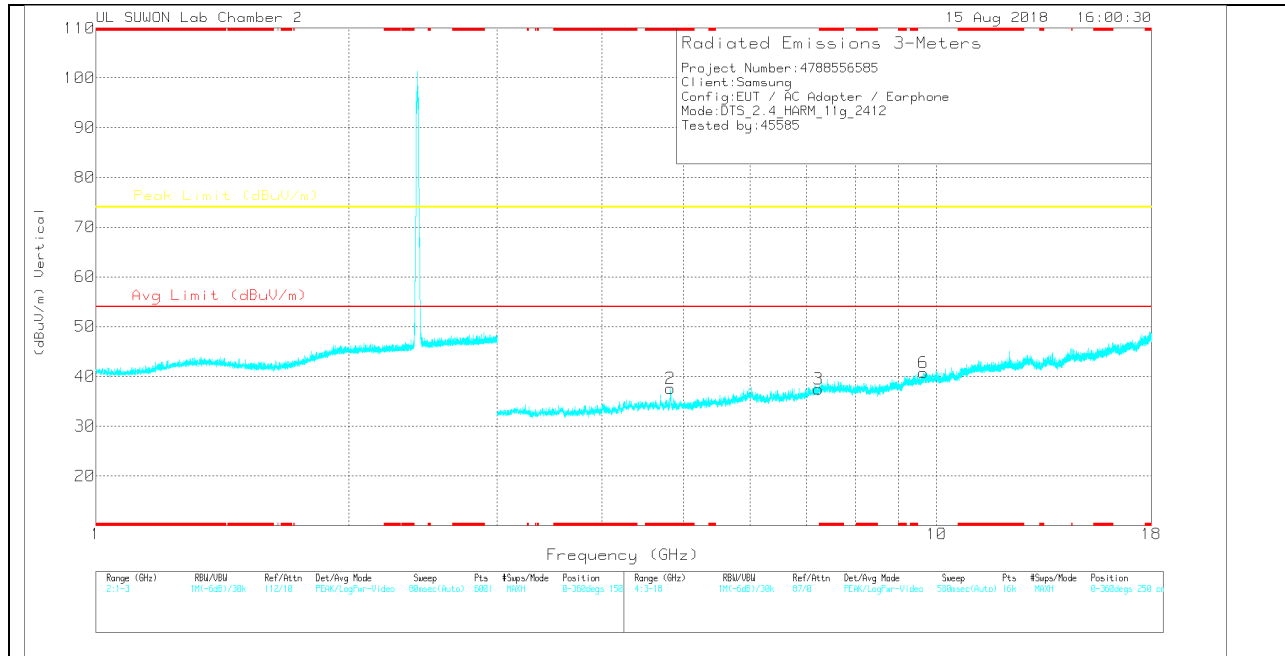
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 26GHz; 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_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.827	30.53	PK	34	-28.2	0	36.33	-	-	74	-37.67	0-360	150	H
4	7.235	26.96	PK	36.1	-25.5	0	37.56	-	-	74	-36.44	0-360	250	H
5	9.647	24.88	PK	37	-21.7	0	40.18	-	-	74	-33.82	0-360	250	H
2	* 4.821	31.8	PK	34	-28.2	0	37.6	-	-	74	-36.4	0-360	250	V
3	7.237	26.82	PK	36.1	-25.5	0	37.42	-	-	74	-36.58	0-360	150	V
6	9.647	25.44	PK	37	-21.7	0	40.74	-	-	74	-33.26	0-360	250	V

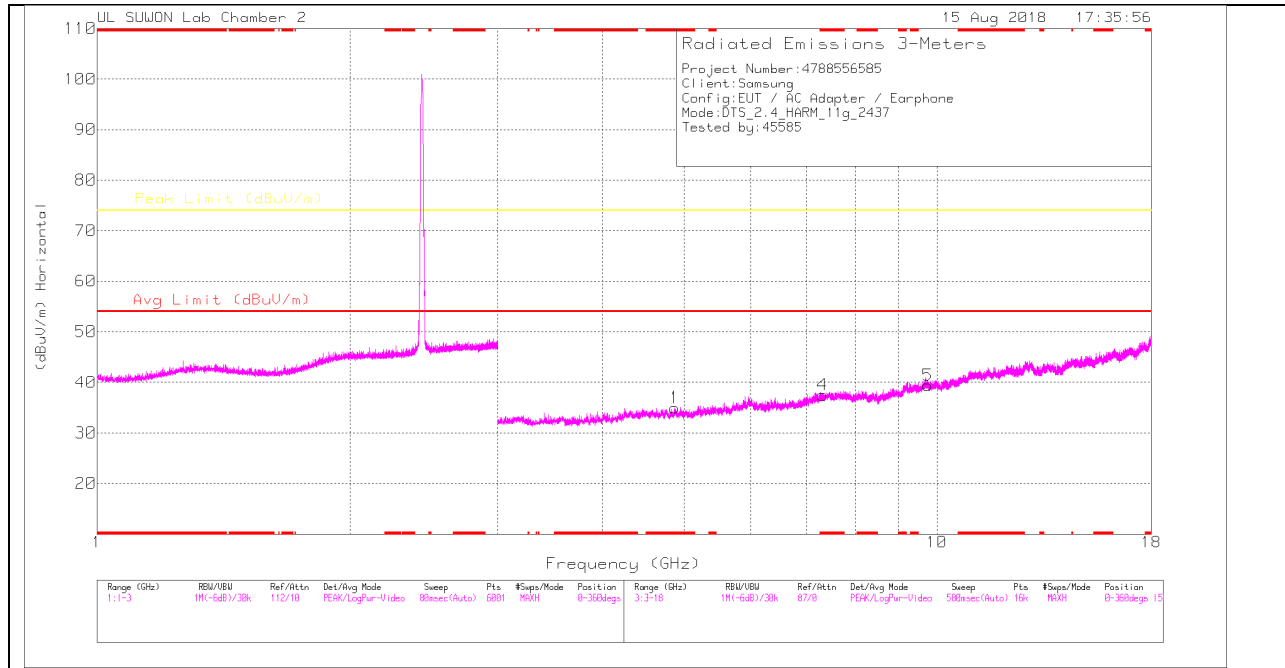
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

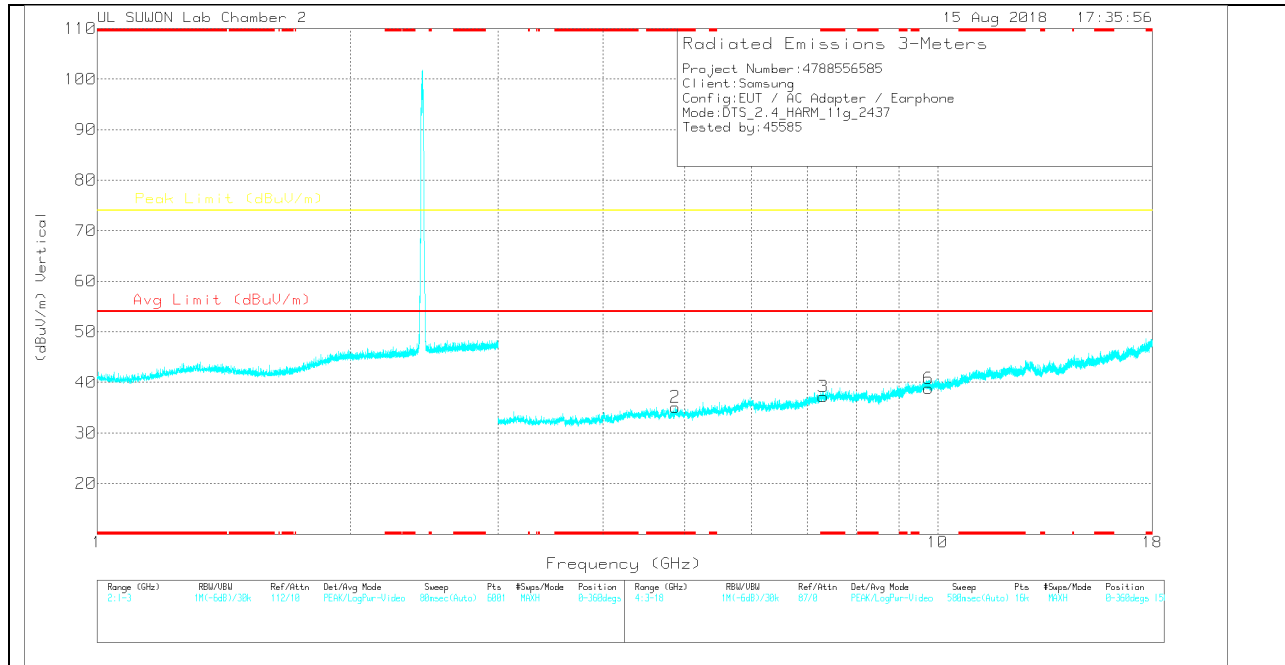
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.819	40.44	PK2	34	-28.2	0	46.24	-	-	74	-27.76	45	100	H
* 4.823	27.9	MAv1	34	-28.2	0	33.7	54	-20.3	-	-	45	100	H
* 4.829	39.97	PK2	34	-28.1	0	45.87	-	-	74	-28.13	10	147	V
* 4.824	27.61	MAv1	34	-28.1	0	33.51	54	-20.49	-	-	10	147	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

MID CHANNEL DATA

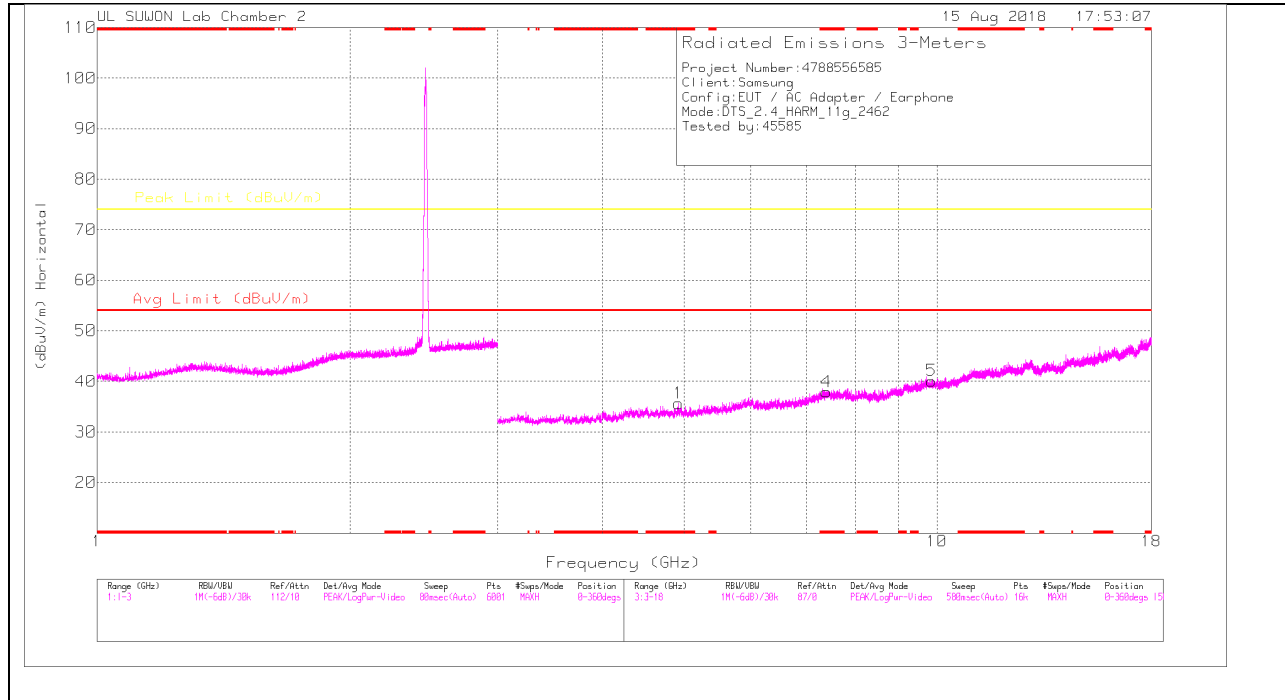
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.875	28.96	PK	34	-28	0	34.96	-	-	74	-39.04	0-360	250	H
4	* 7.31	26.31	PK	36.2	-25	0	37.51	-	-	74	-36.49	0-360	250	H
5	9.749	23.63	PK	37.2	-21.4	0	39.43	-	-	74	-34.57	0-360	150	H
2	* 4.874	29.09	PK	34	-28	0	35.09	-	-	74	-38.91	0-360	150	V
3	* 7.31	25.95	PK	36.2	-25	0	37.15	-	-	74	-36.85	0-360	150	V
6	9.749	23.01	PK	37.2	-21.4	0	38.81	-	-	74	-35.19	0-360	150	V

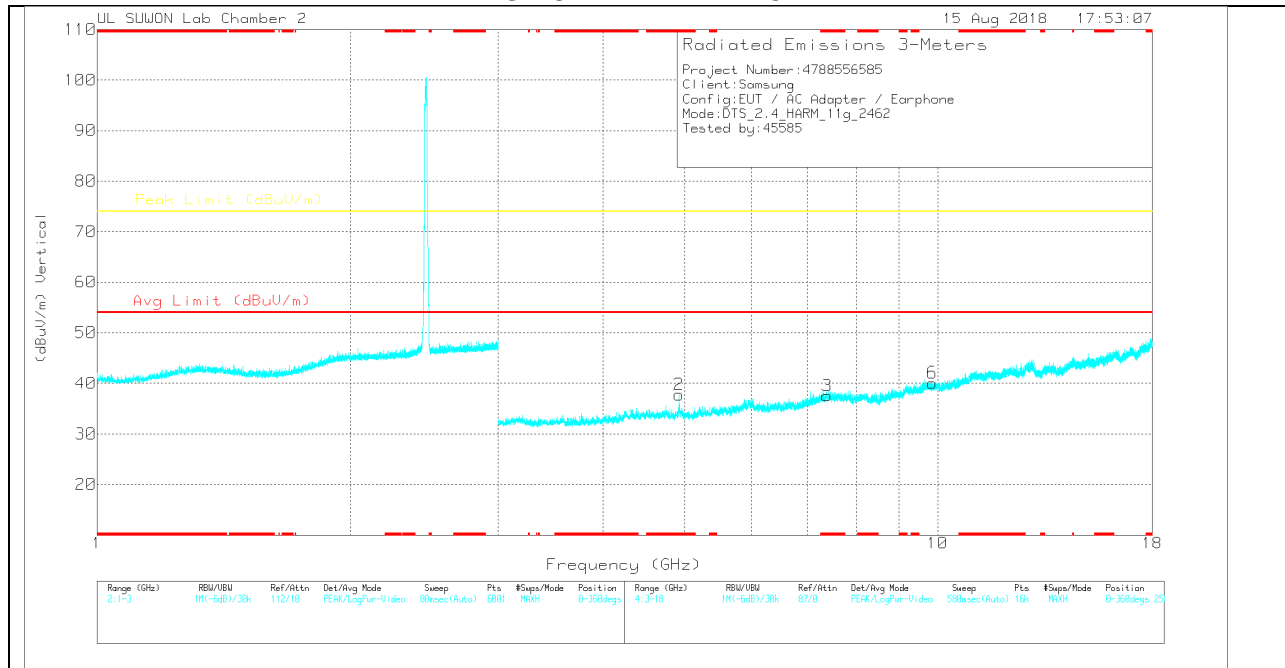
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

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 26GHz; 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_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.921	28.94	PK	34	-27.3	0	35.64	-	-	74	-38.36	0-360	150	H
4	* 7.386	25.91	PK	36.2	-24.2	0	37.91	-	-	74	-36.09	0-360	150	H
5	9.848	24.61	PK	37.3	-21.8	0	40.11	-	-	74	-33.89	0-360	250	H
2	* 4.926	30.96	PK	34	-27.2	0	37.76	-	-	74	-36.24	0-360	250	V
3	* 7.386	25.56	PK	36.2	-24.2	0	37.56	-	-	74	-36.44	0-360	250	V
6	9.848	24.58	PK	37.3	-21.8	0	40.08	-	-	74	-33.92	0-360	150	V

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

Radiated Emissions

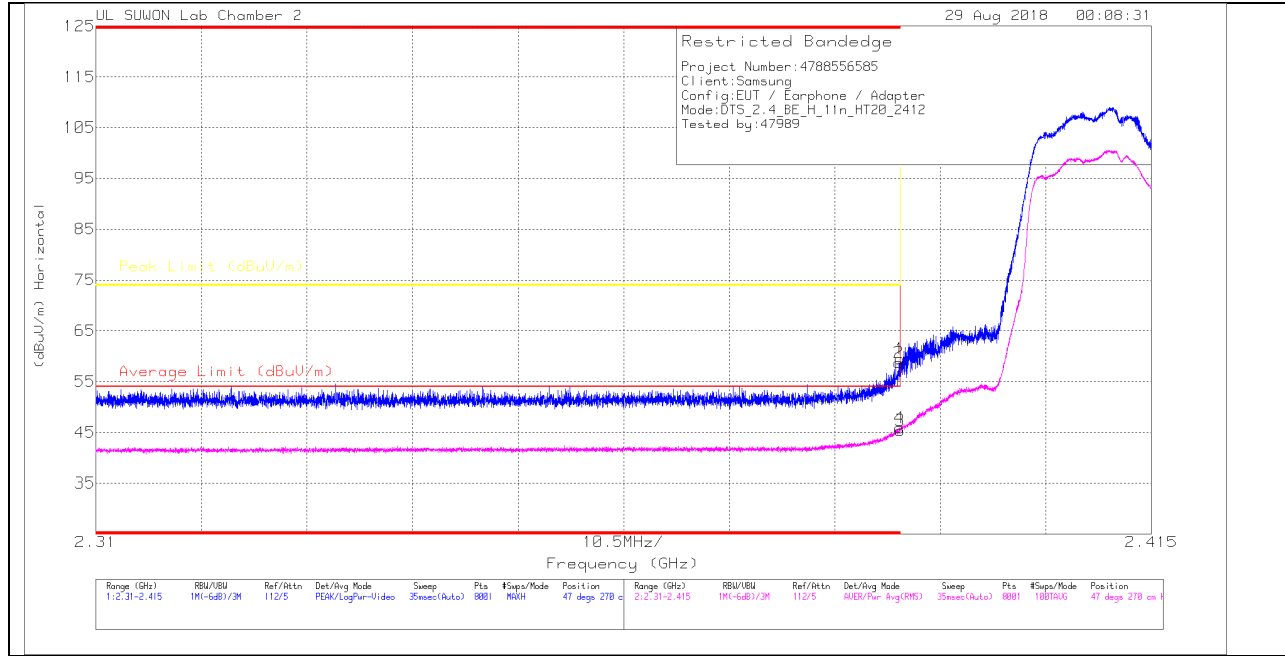
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.918	38.24	PK2	34	-27.3	0	44.94	-	-	74	-29.06	339	137	H
* 4.922	25.82	MAv1	34	-27.3	0	32.52	54	-21.48	-	-	339	137	H
* 4.917	38.53	PK2	34	-27.4	0	45.13	-	-	74	-28.87	186	112	V
* 4.923	26.64	MAv1	34	-27.3	0	33.34	54	-20.66	-	-	186	112	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

11.2.4. TX ABOVE 1 GHz 802.11n HT20 2TX CDD MODE IN THE 2.4 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

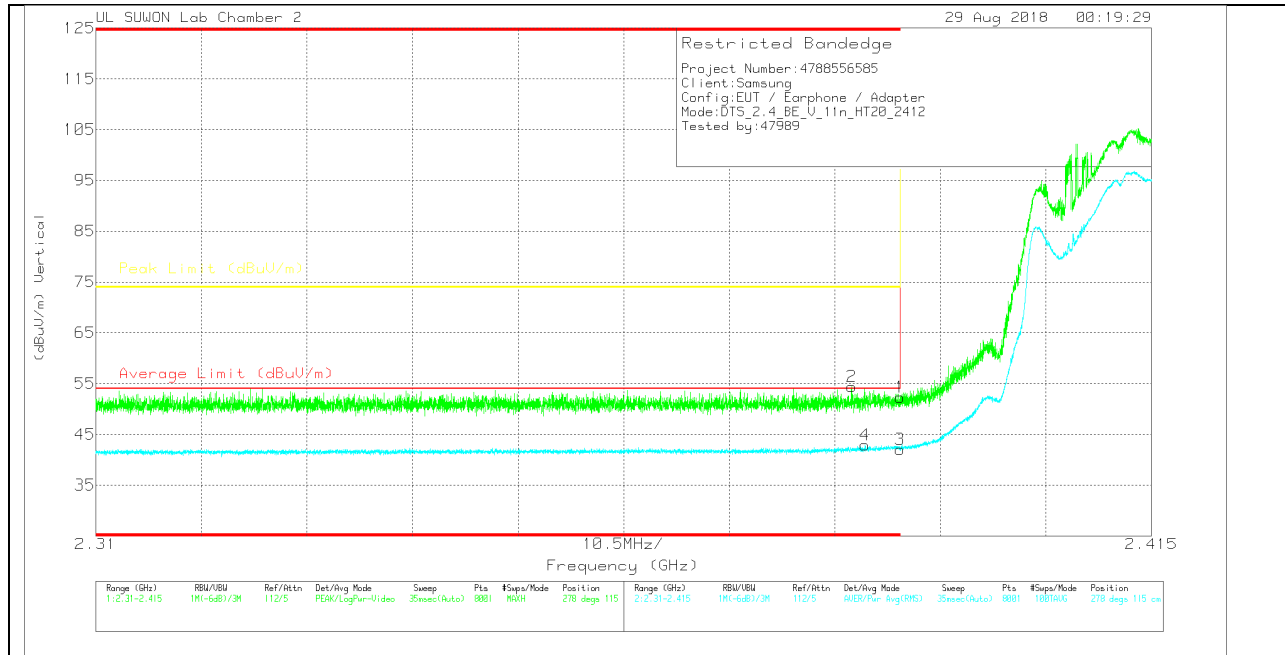
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	48.71	Pk	31.6	-20.8	0	59.51	-	-	74	-14.49	47	270	H
2	* 2.39	47.99	Pk	31.6	-20.8	0	58.79	-	-	74	-15.21	47	270	H
3	* 2.39	34.59	RMS	31.6	-20.8	0	45.39	54	-8.61	-	-	47	270	H
4	* 2.39	35.1	RMS	31.6	-20.8	0	45.9	54	-8.1	-	-	47	270	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_00168724	10dB(dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	41.45	PK	31.6	-20.8	52.25	-	-	74	-21.75	278	115	V
2	* 2.385	43.61	PK	31.6	-20.8	54.41	-	-	74	-19.59	278	115	V
3	* 2.39	31.27	RMS	31.6	-20.8	42.07	54	-11.93	-	-	278	115	V
4	* 2.387	32.15	RMS	31.6	-20.8	42.95	54	-11.05	-	-	278	115	V

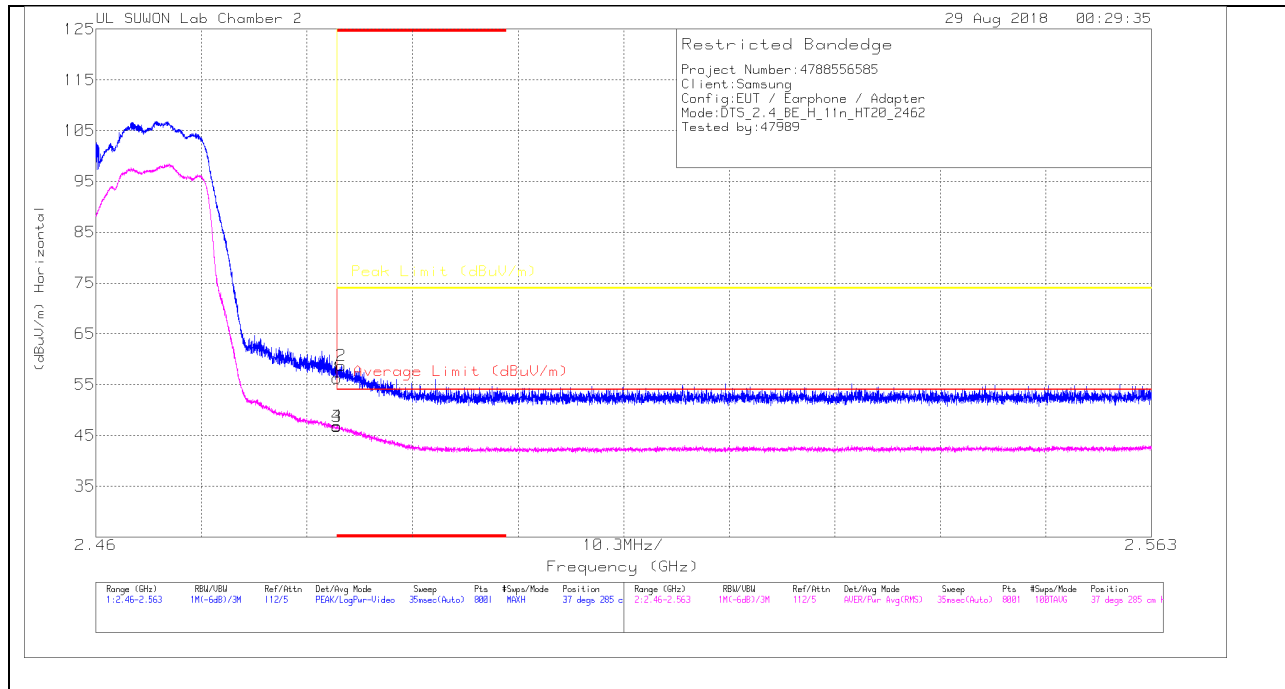
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

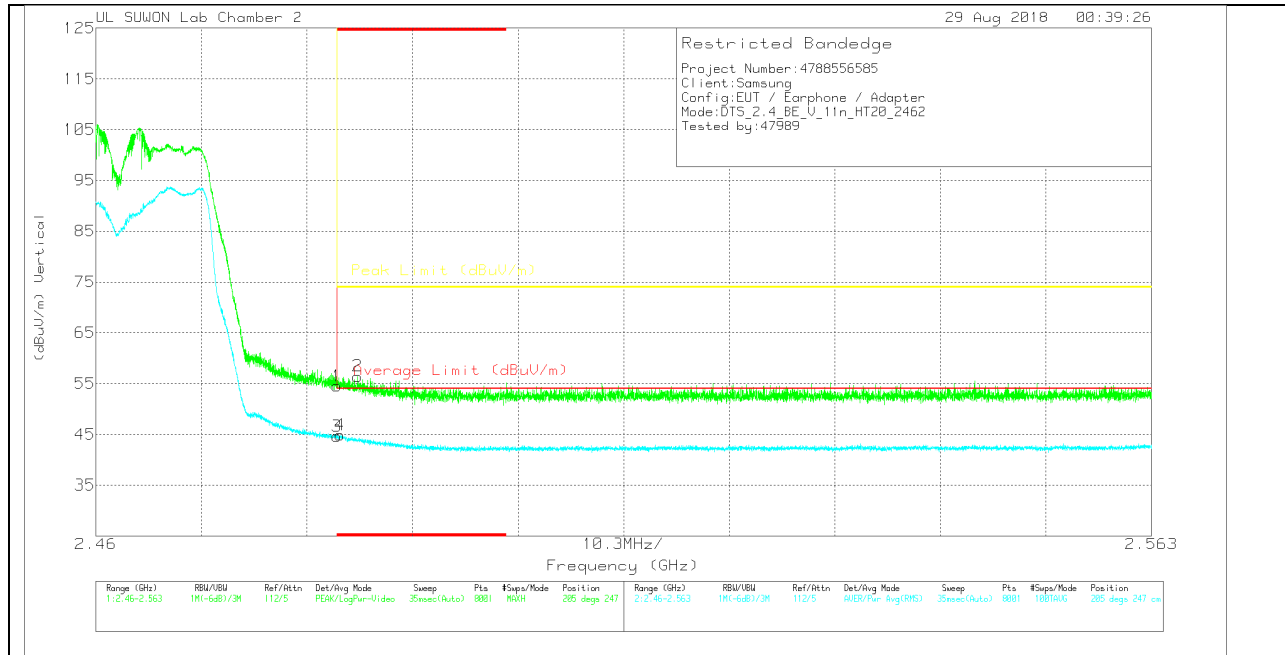
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.98	Pk	31.9	-20.6	0	56.28	-	-	74	-17.72	37	285	H
2	* 2.484	47.45	Pk	31.9	-20.6	0	58.75	-	-	74	-15.25	37	285	H
3	* 2.484	35.46	RMS	31.9	-20.6	0	46.76	54	-7.24	-	-	37	285	H
4	* 2.484	35.6	RMS	31.9	-20.6	0	46.9	54	-7.1	-	-	37	285	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_00168724	10dB[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	* 2.484	43.23	Pk	31.9	-20.6	0	54.53	-	-	74	-19.47	205	247	V
2	* 2.486	45.15	Pk	31.9	-20.6	0	56.45	-	-	74	-17.55	205	247	V
3	* 2.484	33.38	RMS	31.9	-20.6	0	44.68	54	-9.32	-	-	205	247	V
4	* 2.484	33.61	RMS	31.9	-20.6	0	44.91	54	-9.09	-	-	205	247	V

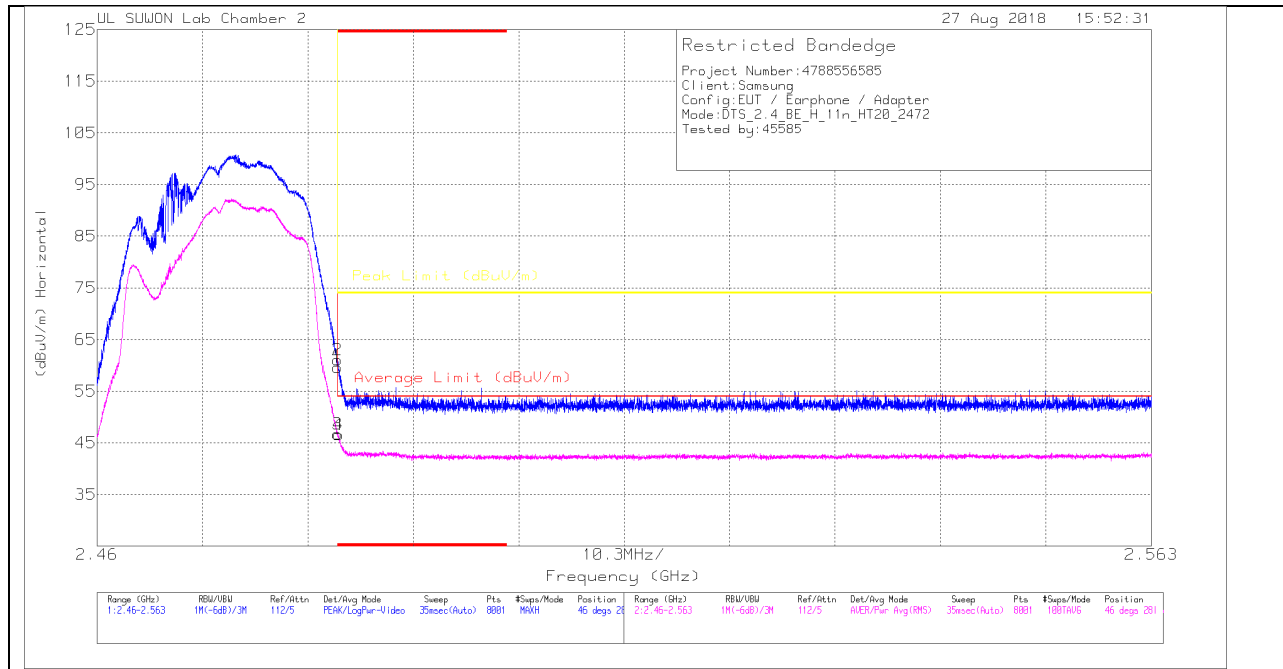
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (13 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

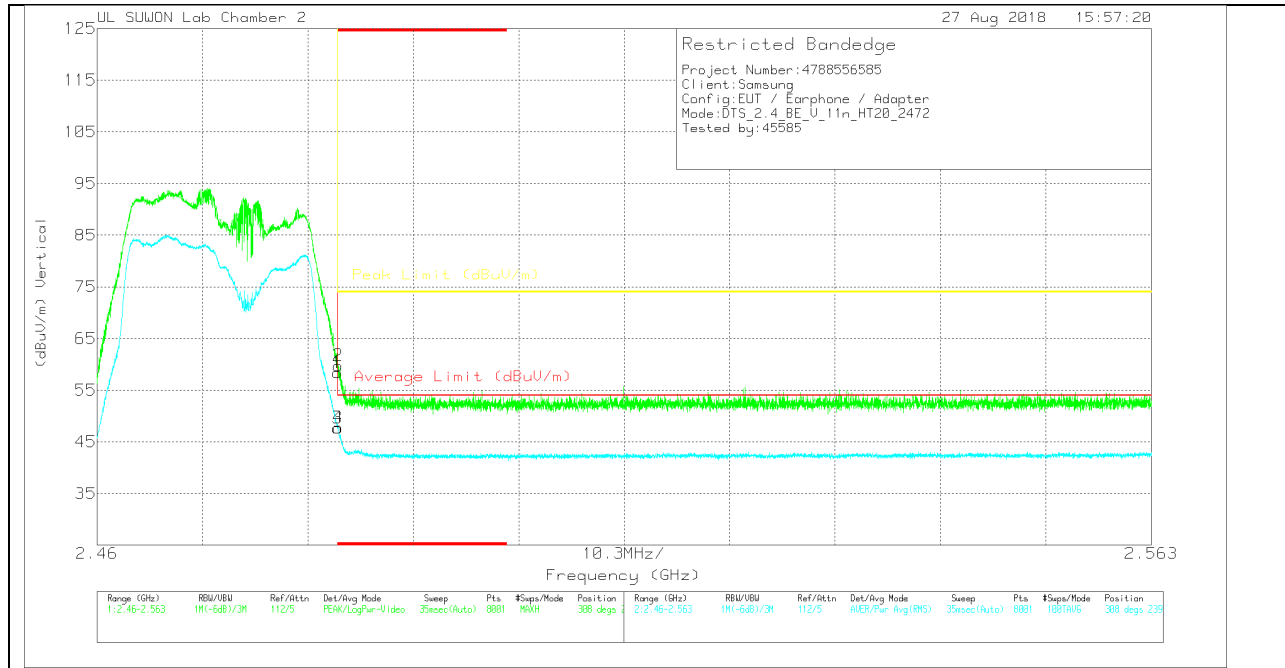
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	48.34	PK	31.9	-20.6	0	59.64	-	-	74	-14.36	46	281	H
2	* 2.484	49.75	PK	31.9	-20.6	0	61.05	-	-	74	-12.95	46	281	H
3	* 2.484	35.42	RMS	31.9	-20.6	0	46.72	54	-7.28	-	-	46	281	H
4	* 2.484	35.29	RMS	31.9	-20.6	0	46.59	54	-7.41	-	-	46	281	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_00168724	10dB(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	* 2.484	47.13	Pk	31.9	-20.6	0	58.43	-	-	74	-15.57	308	239	V
2	* 2.484	48.46	Pk	31.9	-20.6	0	59.76	-	-	74	-14.24	308	239	V
3	* 2.484	36.41	RMS	31.9	-20.6	0	47.71	54	-6.29	-	-	308	239	V
4	* 2.484	36.46	RMS	31.9	-20.6	0	47.76	54	-6.24	-	-	308	239	V

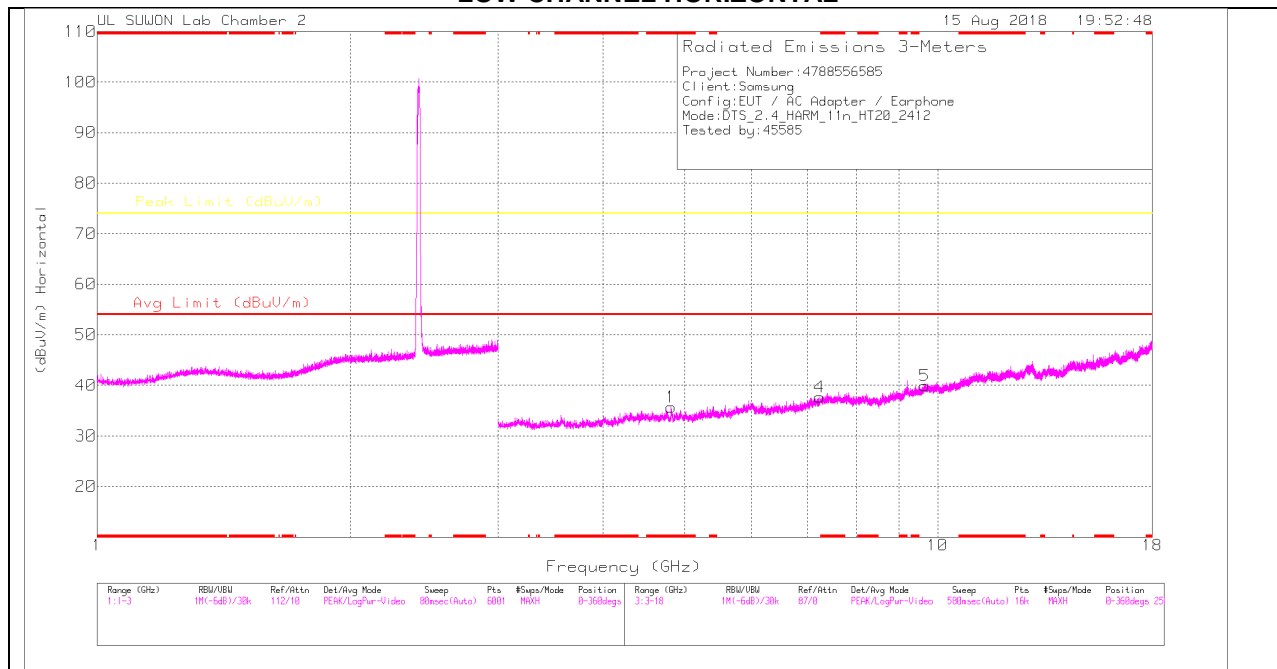
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

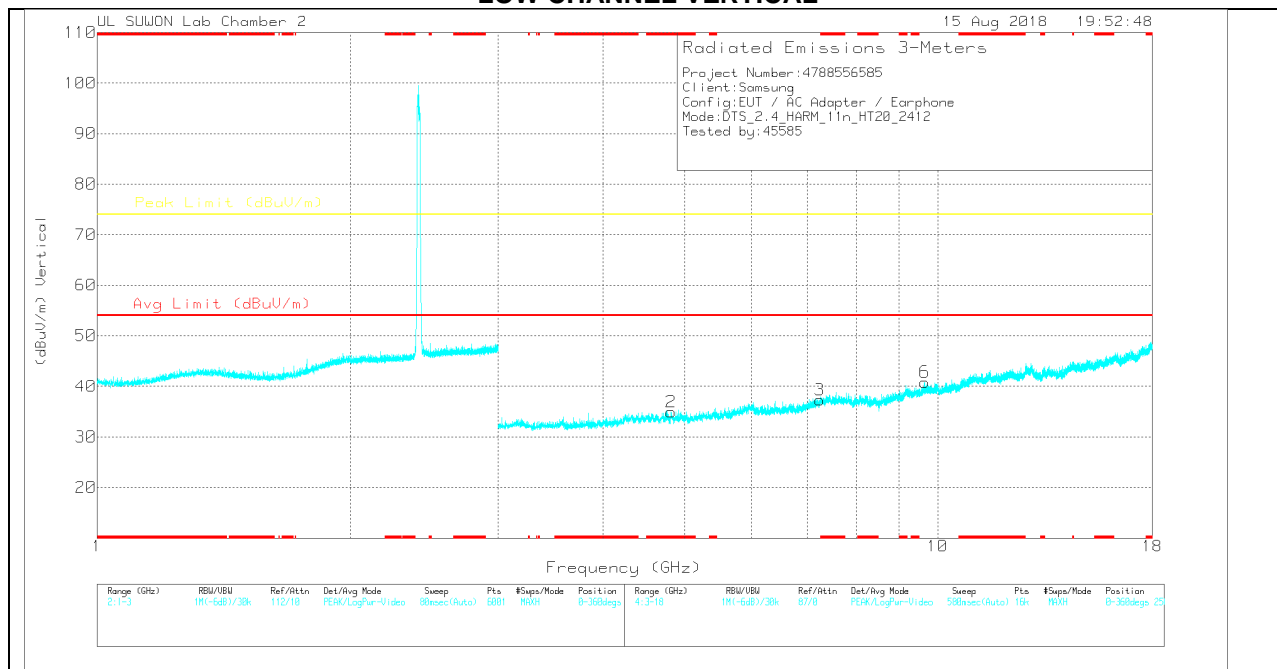
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 26GHz; 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_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.819	29.86	PK	34	-28.2	0	35.66	-	-	74	-38.34	0-360	150	H
4	7.235	27.07	PK	36.1	-25.5	0	37.67	-	-	74	-36.33	0-360	150	H
5	9.647	24.6	PK	37	-21.7	0	39.9	-	-	74	-34.1	0-360	250	H
2	* 4.819	29.11	PK	34	-28.2	0	34.91	-	-	74	-39.09	0-360	250	V
3	7.24	26.71	PK	36.1	-25.5	0	37.31	-	-	74	-36.69	0-360	250	V
6	9.647	25.53	PK	37	-21.7	0	40.83	-	-	74	-33.17	0-360	150	V

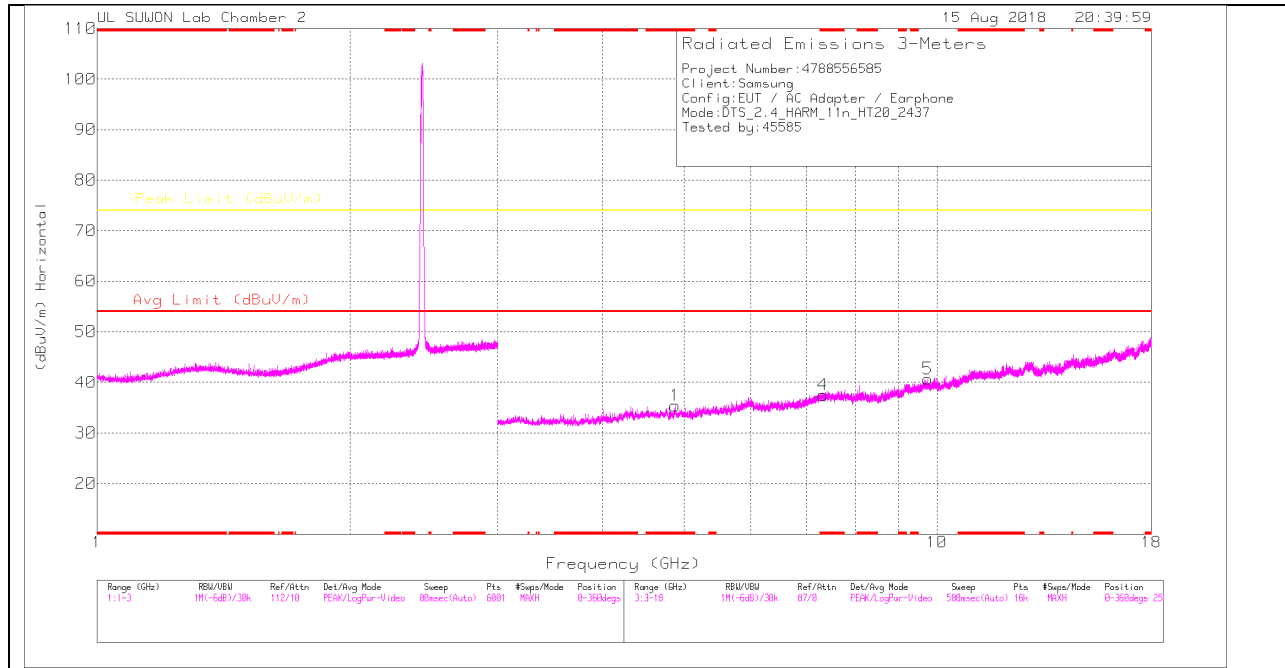
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

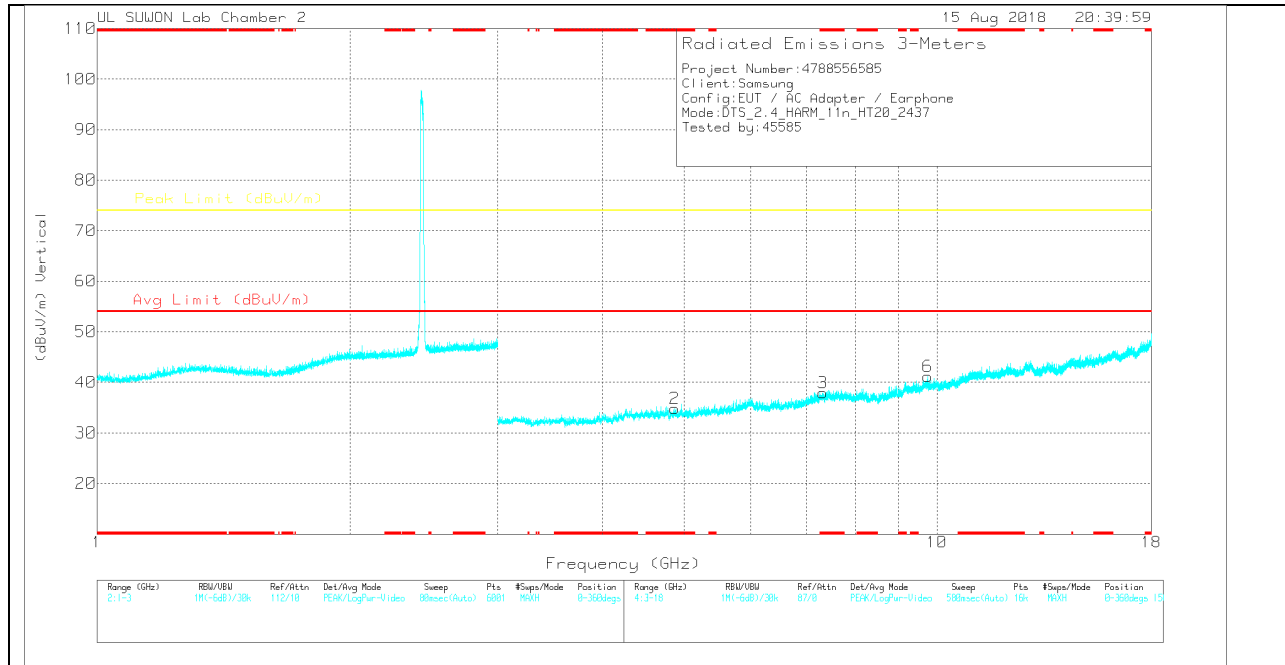
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.822	39.08	PK2	34	-28.2	0	44.88	-	-	74	-29.12	149	100	H
* 4.823	27.21	MAv1	34	-28.2	0	33.01	54	-20.99	-	-	149	100	H
* 4.824	38.8	PK2	34	-28.1	0	44.7	-	-	74	-29.3	16	152	V
* 4.825	26.43	MAv1	34	-28.2	0	32.23	54	-21.77	-	-	16	152	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

MID CHANNEL DATA

Trace Markers

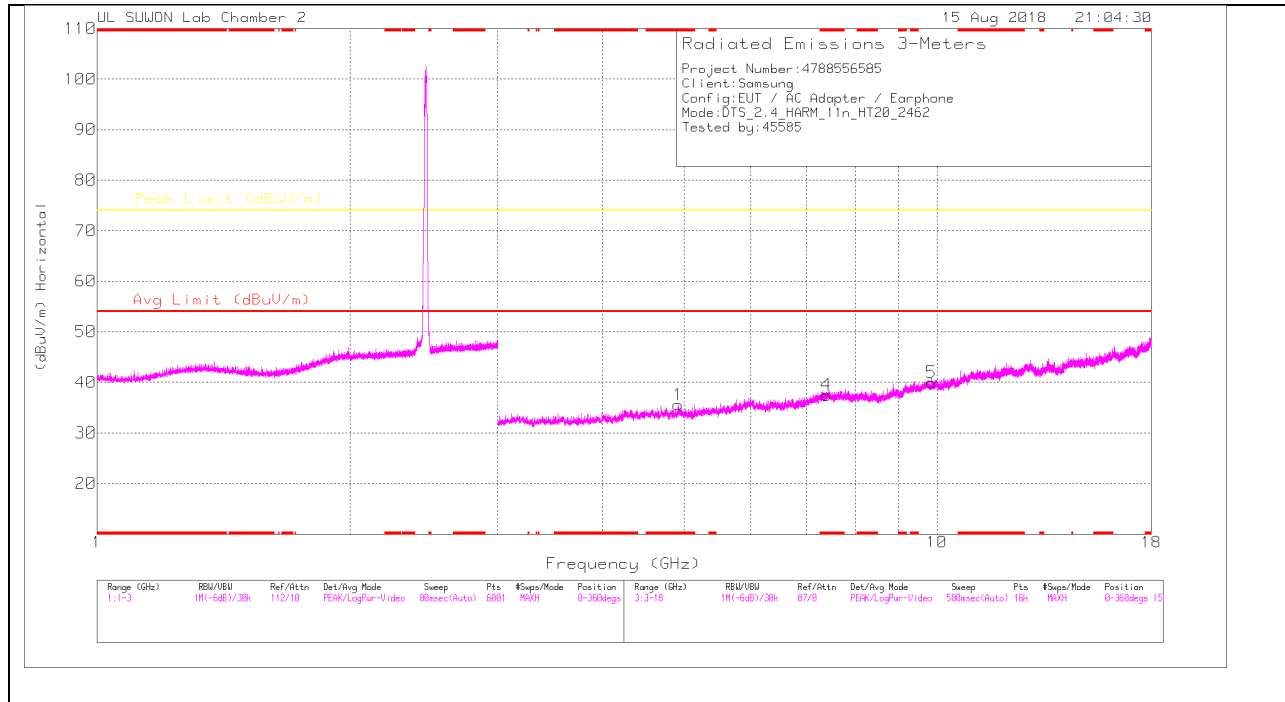
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.878	29.3	PK	34	-27.9	0	35.4	-	-	74	-38.6	0-360	150	H
4	* 7.312	26.3	PK	36.2	-25	0	37.5	-	-	74	-36.5	0-360	150	H
5	9.748	24.88	PK	37.2	-21.4	0	40.68	-	-	74	-33.32	0-360	250	H
2	* 4.875	28.83	PK	34	-28	0	34.83	-	-	74	-39.17	0-360	150	V
3	* 7.311	26.72	PK	36.2	-25	0	37.92	-	-	74	-36.08	0-360	250	V
6	9.748	25.33	PK	37.2	-21.4	0	41.13	-	-	74	-32.87	0-360	150	V

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

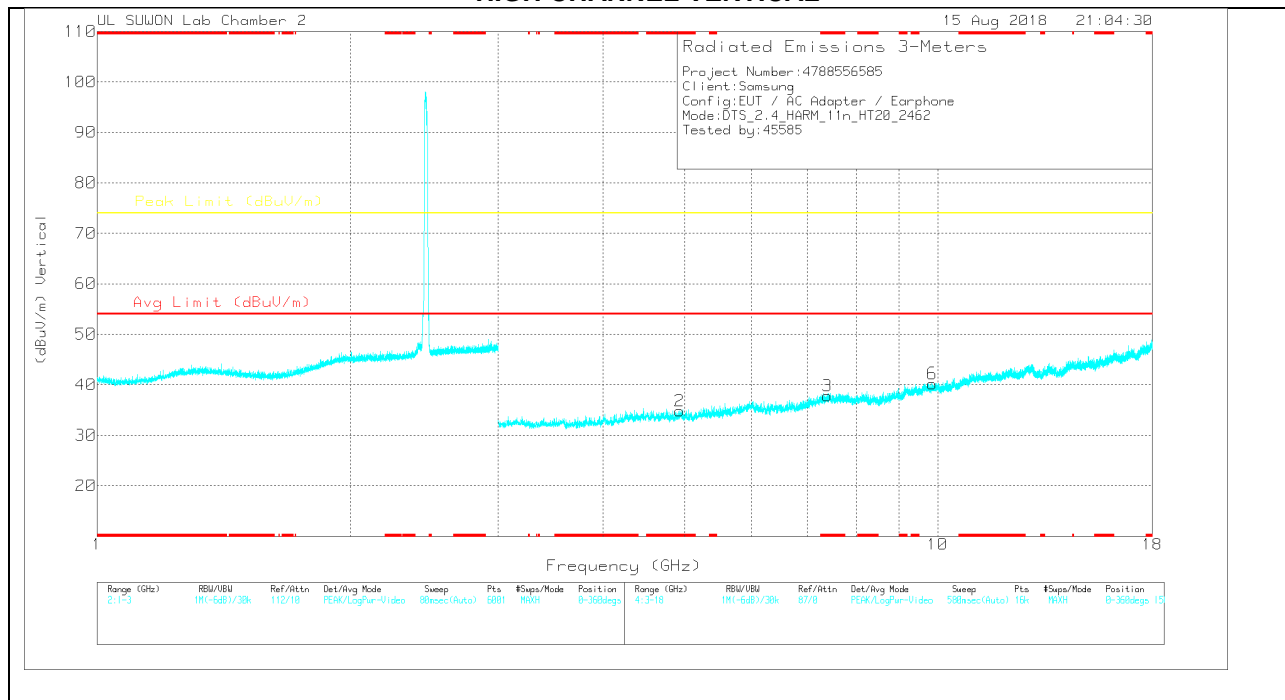
PK – Peak Detector

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 26GHz; 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_00168724	3GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.92	28.87	PK	34	-27.3	0	35.57	-	-	74	-38.43	0-360	150	H
4	* 7.386	25.48	PK	36.2	-24.2	0	37.48	-	-	74	-36.52	0-360	150	H
5	9.852	24.24	PK	37.4	-21.7	0	39.94	-	-	74	-34.06	0-360	250	H
2	* 4.931	27.99	PK	34	-27.2	0	34.79	-	-	74	-39.21	0-360	150	V
3	* 7.387	25.77	PK	36.2	-24.2	0	37.77	-	-	74	-36.23	0-360	250	V
6	9.848	24.7	PK	37.3	-21.8	0	40.2	-	-	74	-33.8	0-360	150	V

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

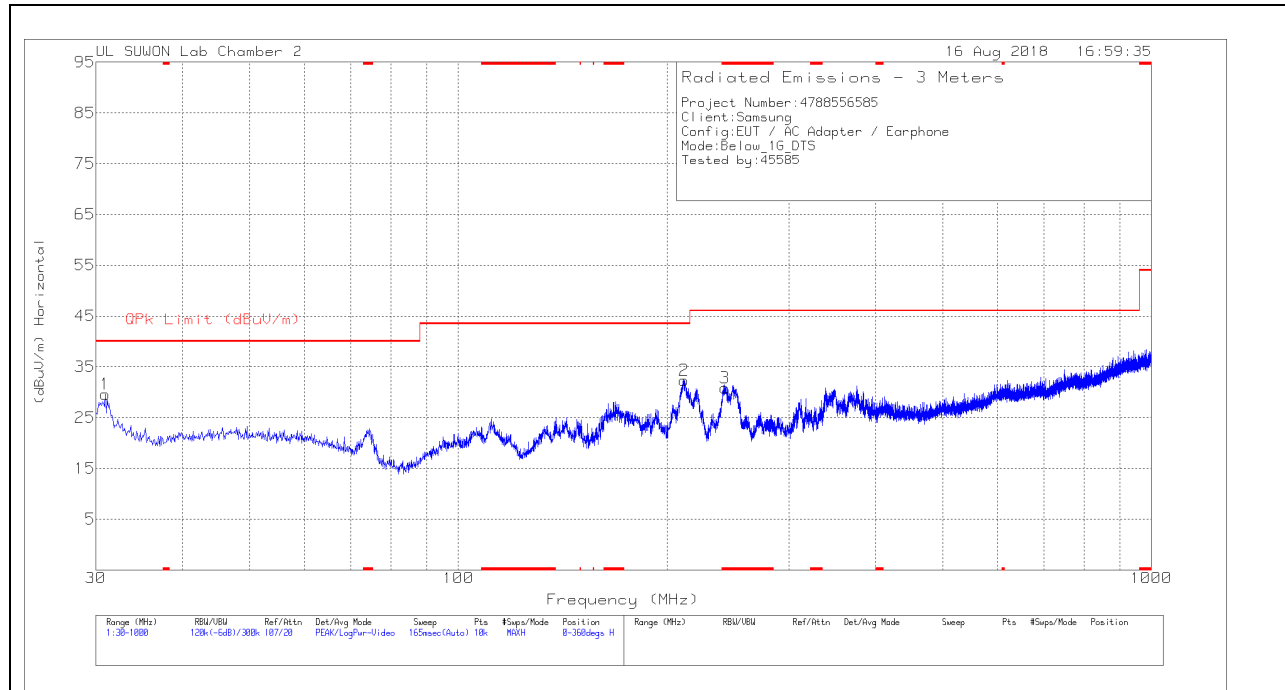
PK – Peak Detector

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

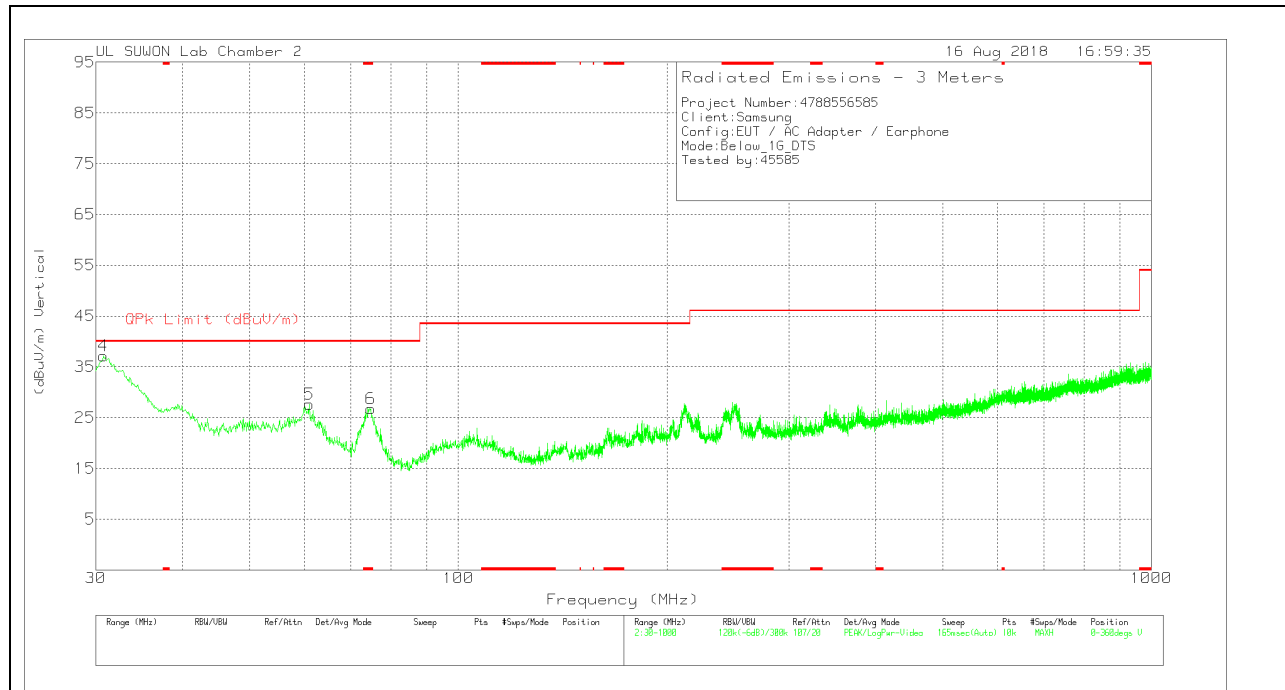
11.3. WORST-CASE BELOW 1 GHz

SPURIOUS EMISSIONS 30 TO 1000 MHz

HORIZONTAL PLOT



VERTICAL PLOT



Below 1G Data

Trace Markers

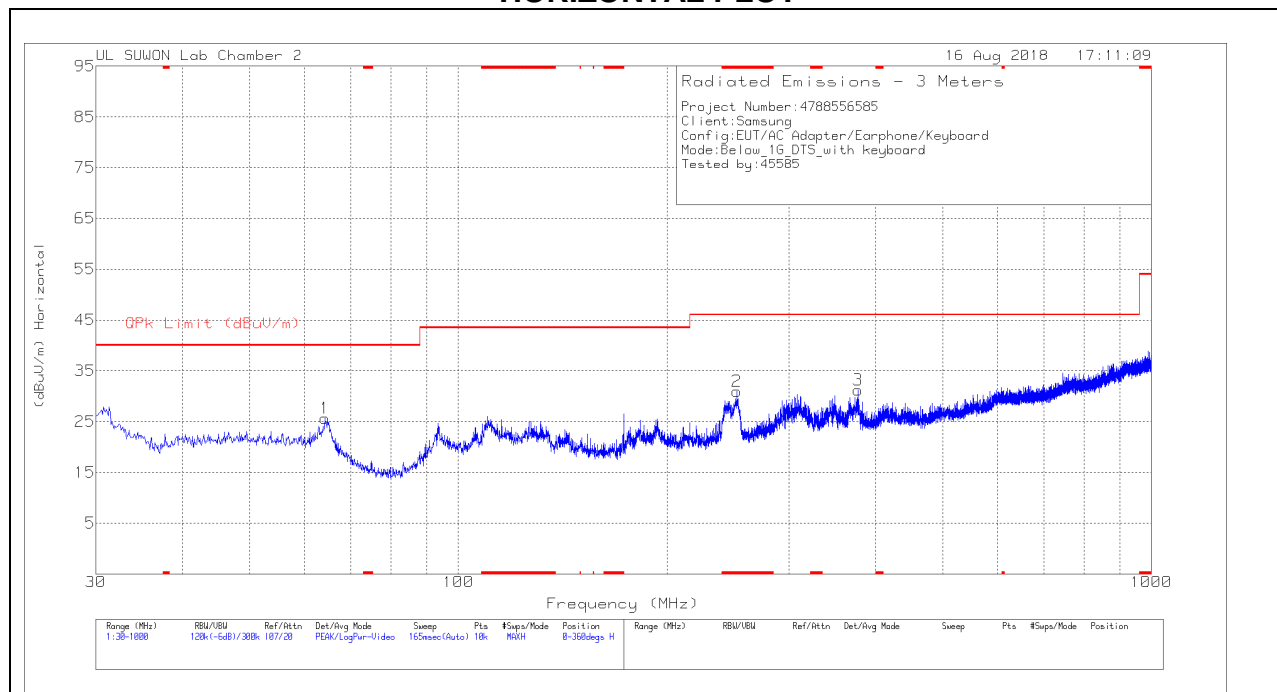
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Below_1G[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	30.97	45.86	Pk	15.6	-31.9	29.56	40	-10.44	0-360	400	H
2	211.972	46.06	Pk	17.1	-30.8	32.36	43.52	-11.16	0-360	100	H
3	* 242.527	42.82	Pk	18.7	-30.7	30.82	46.02	-15.2	0-360	100	H
4	30.776	53.54	Pk	15.6	-32	37.14	40	-2.86	0-360	100	V
5	60.943	41.08	Pk	18.3	-31.7	27.68	40	-12.32	0-360	100	V
6	74.717	44.81	Pk	13.6	-31.6	26.81	40	-13.19	0-360	100	V

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

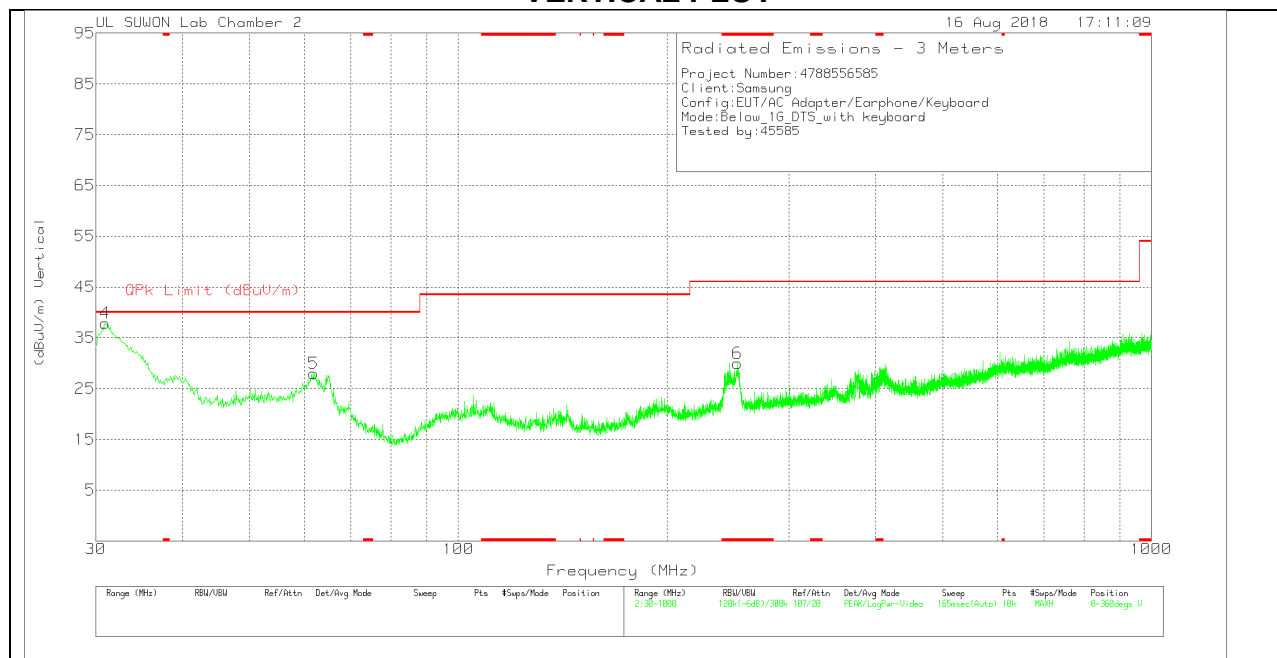
Pk - Peak detector

SPURIOUS EMISSIONS 30 TO 1000 MHz(EQUIPPED WITH KEYBOARD)

HORIZONTAL PLOT



VERTICAL PLOT



Below 1G Data

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Below_1G[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	64.241	39.81	Pk	17.5	-31.7	25.61	40	-14.39	0-360	400	H
2	* 252.324	42.52	Pk	19.1	-30.6	31.02	46.02	-15	0-360	100	H
3	377.357	40.43	Pk	21	-30.2	31.23	46.02	-14.79	0-360	100	H
4	30.97	54.21	Pk	15.6	-31.9	37.91	40	-2.09	0-360	100	V
5	61.816	41.62	Pk	18.1	-31.7	28.02	40	-11.98	0-360	100	V
6	* 252.809	41.53	Pk	19.1	-30.6	30.03	46.02	-15.99	0-360	100	V

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

Pk - Peak detector

12. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)
IC RSS-GEN Clause 8.8

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

*Decreases with the logarithm of the frequency.

TEST PROCEDURE

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

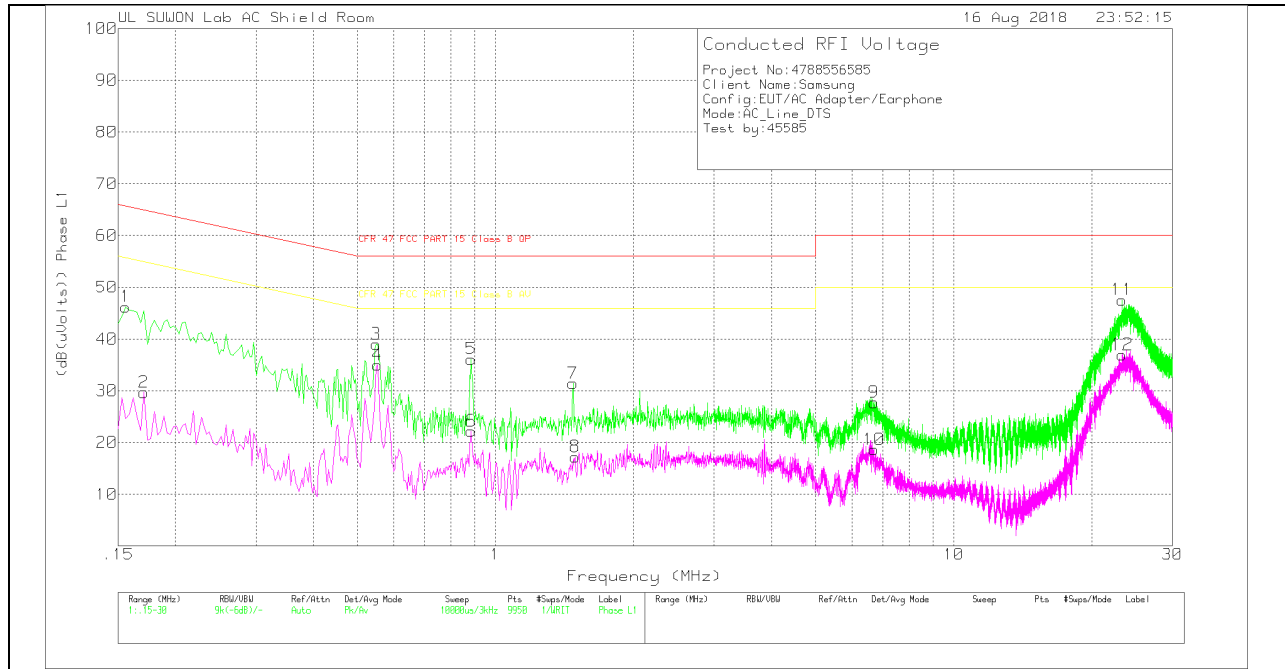
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

WORST EMISSIONS

LINE 1 PLOT



LINE 1 RESULTS

Trace Markers

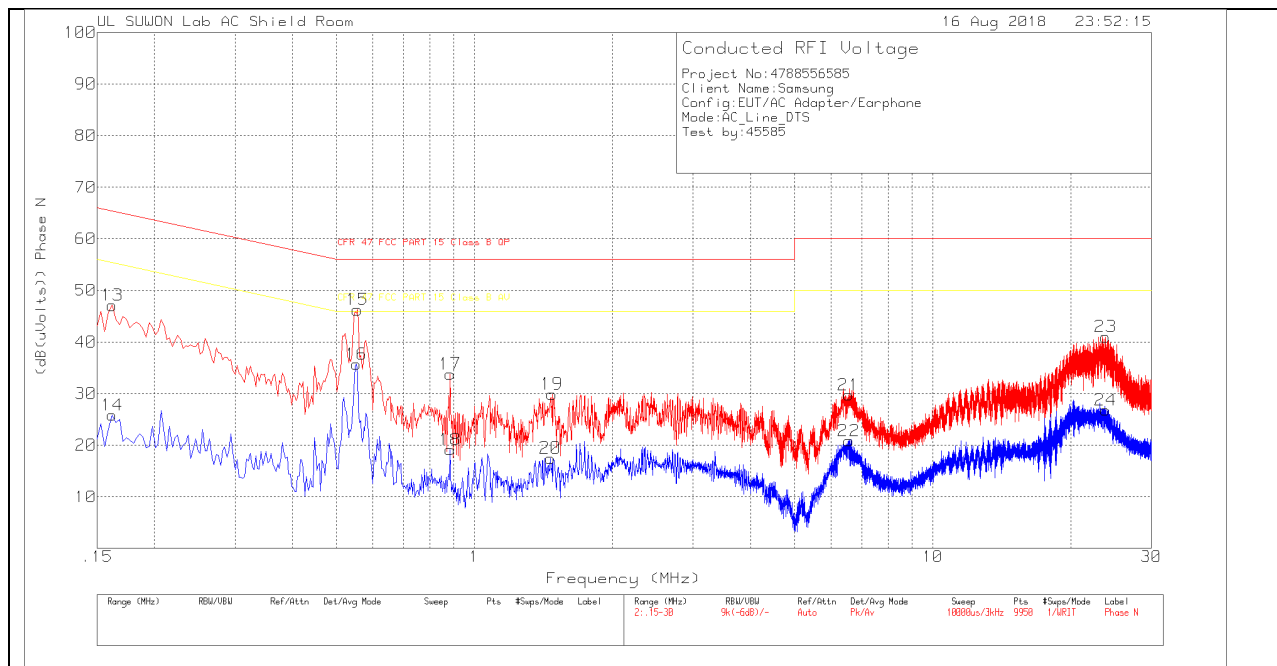
Range 1: Phase L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_L1_wit h extension	CABLELOSS(dB)	Corrected Reading (dB(uVolts))	CFR 47 FCC PART 15 Class B QP	Margin (dB)	CFR 47 FCC PART 15 Class B AV	Margin (dB)
1	.156	36.14	Pk	10	.1	46.24	65.67	-19.43	-	-
2	.171	19.5	Av	10	.2	29.7	-	-	54.91	-25.21
3	.549	29.01	Pk	9.8	.2	39.01	56	-16.99	-	-
4	.552	24.98	Av	9.8	.2	34.98	-	-	46	-11.02
5	.885	26.13	Pk	9.7	.3	36.13	56	-19.87	-	-
6	.885	12.23	Av	9.7	.3	22.23	-	-	46	-23.77
7	1.476	21.23	Pk	9.9	.3	31.43	56	-24.57	-	-
8	1.491	7.05	Av	9.9	.3	17.25	-	-	46	-28.75
9	6.708	17.76	Pk	9.7	.3	27.76	60	-32.24	-	-
10	6.705	8.66	Av	9.7	.3	18.66	-	-	50	-31.34
11	23.319	36.97	Pk	10.2	.4	47.57	60	-12.43	-	-
12	23.319	26.37	Av	10.2	.4	36.97	-	-	50	-13.03

Pk - Peak detector

Av - Average detection

LINE 2 PLOT



LINE 2 RESULTS

Trace Markers

Range 2: Phase N .15 - 30MHz

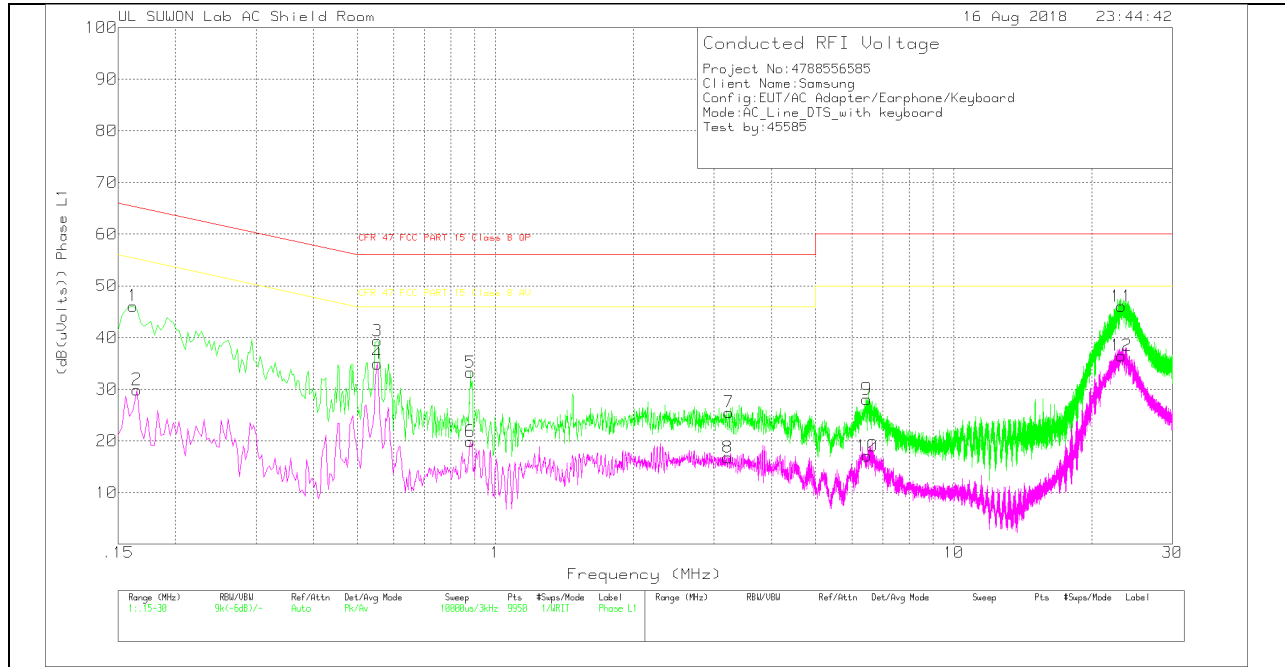
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_N_with extension	CABLELOSS(dB)	Corrected Reading (dB(uVolts))	CFR 47 FCC PART 15 Class B QP	Margin (dB)	CFR 47 FCC PART 15 Class B AV	Margin (dB)
13	.162	37	Pk	10	.1	47.1	65.36	-18.26	-	-
14	.162	15.72	Av	10	.1	25.82	-	-	55.36	-29.54
15	.555	36.25	Pk	9.8	.2	46.25	56	-9.75	-	-
16	.552	25.7	Av	9.8	.2	35.7	-	-	46	-10.3
17	.885	23.78	Pk	9.7	.3	33.78	56	-22.22	-	-
18	.885	9.13	Av	9.7	.3	19.13	-	-	46	-26.87
19	1.476	19.71	Pk	9.9	.3	29.91	56	-26.09	-	-
20	1.464	7.28	Av	9.9	.3	17.48	-	-	46	-28.52
21	6.555	19.64	Pk	9.8	.3	29.74	60	-30.26	-	-
22	6.564	10.76	Av	9.8	.3	20.86	-	-	50	-29.14
23	23.847	30.41	Pk	10.2	.4	41.01	60	-18.99	-	-
24	23.847	16.2	Av	10.2	.4	26.8	-	-	50	-23.2

Pk - Peak detector

Av - Average detection

WORST EMISSIONS(Equipped with Keyboard)

LINE 1 PLOT



LINE 1 RESULTS

Trace Markers

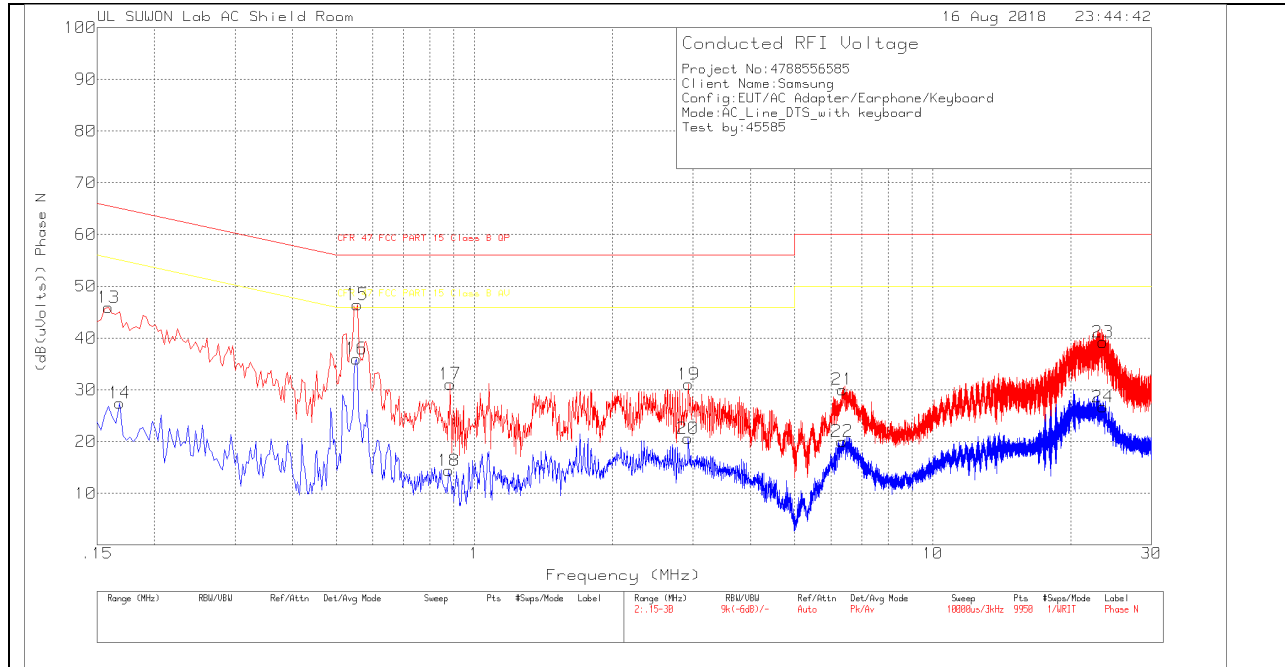
Range 1: Phase L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_L1_wit h extension	CABLELOSS(dB)	Corrected Reading (dB(uVolts))	CFR 47 FCC PART 15 Class B QP	Margin (dB)	CFR 47 FCC PART 15 Class B AV	Margin (dB)
1	.162	36.01	Pk	10	.1	46.11	65.36	-19.25	-	-
2	.165	19.8	Av	10	.1	29.9	-	-	55.21	-25.31
3	.552	29.35	Pk	9.8	.2	39.35	56	-16.65	-	-
4	.552	24.94	Av	9.8	.2	34.94	-	-	46	-11.06
5	.882	23.26	Pk	9.7	.3	33.26	56	-22.74	-	-
6	.882	9.9	Av	9.7	.3	19.9	-	-	46	-26.1
7	3.231	15.44	Pk	9.8	.3	25.54	56	-30.46	-	-
8	3.21	6.7	Av	9.8	.3	16.8	-	-	46	-29.2
9	6.462	18.06	Pk	9.7	.3	28.06	60	-31.94	-	-
10	6.474	7.05	Av	9.7	.3	17.05	-	-	50	-32.95
11	23.238	35.42	Pk	10.2	.4	46.02	60	-13.98	-	-
12	23.232	25.89	Av	10.2	.4	36.49	-	-	50	-13.51

Pk - Peak detector

Av - Average detection

LINE 2 PLOT



LINE 2 RESULTS

Trace Markers

Range 2: Phase N .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_N_with extension	CABLELOSS(dB)	Corrected Reading (dB(uVolts))	CFR 47 FCC PART 15 Class B QP	Margin (dB)	CFR 47 FCC PART 15 Class B AV	Margin (dB)
13	.159	35.84	Pk	10	.1	45.94	65.52	-19.58	-	-
14	.168	17.35	Av	10	.1	27.45	-	-	55.06	-27.61
15	.555	36.45	Pk	9.8	.2	46.45	56	-9.55	-	-
16	.552	26	Av	9.8	.2	36	-	-	46	-10
17	.885	21.1	Pk	9.7	.3	31.1	56	-24.9	-	-
18	.879	4.39	Av	9.7	.3	14.39	-	-	46	-31.61
19	2.934	20.88	Pk	9.9	.3	31.08	56	-24.92	-	-
20	2.922	10.41	Av	9.9	.3	20.61	-	-	46	-25.39
21	6.357	19.94	Pk	9.8	.3	30.04	60	-29.96	-	-
22	6.342	9.94	Av	9.8	.3	20.04	-	-	50	-29.96
23	23.529	28.6	Pk	10.2	.4	39.2	60	-20.8	-	-
24	23.508	16.08	Av	10.2	.4	26.68	-	-	50	-23.32

Pk - Peak detector

Av - Average detection