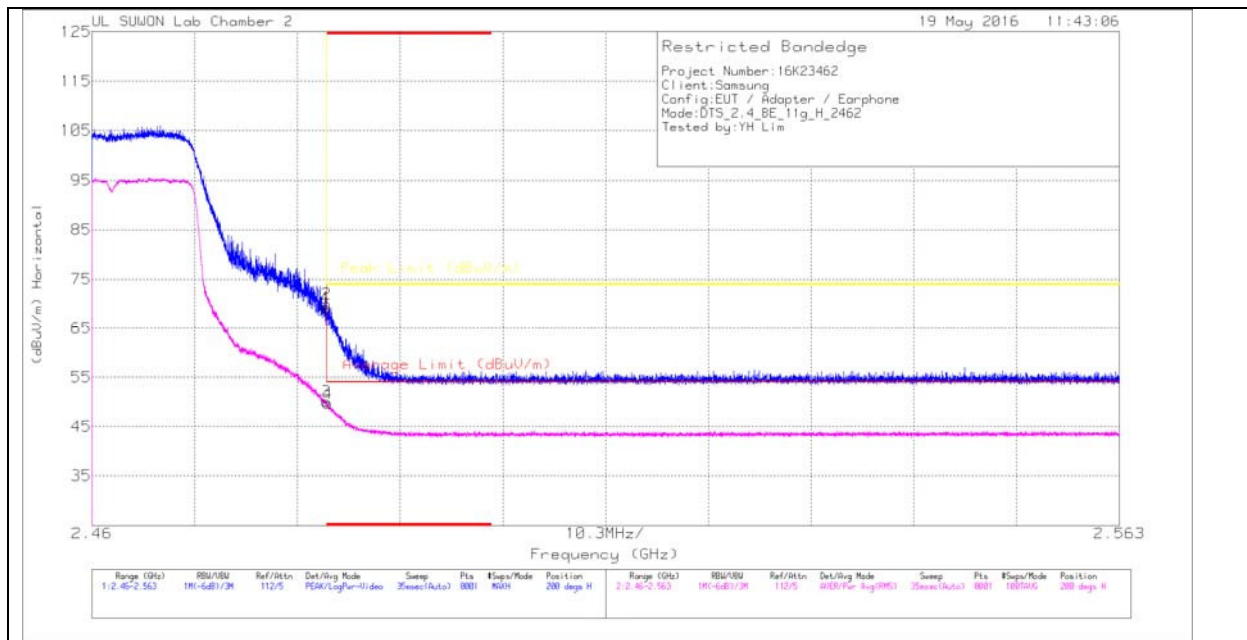


AUTHORIZED BANDEDGE (11 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

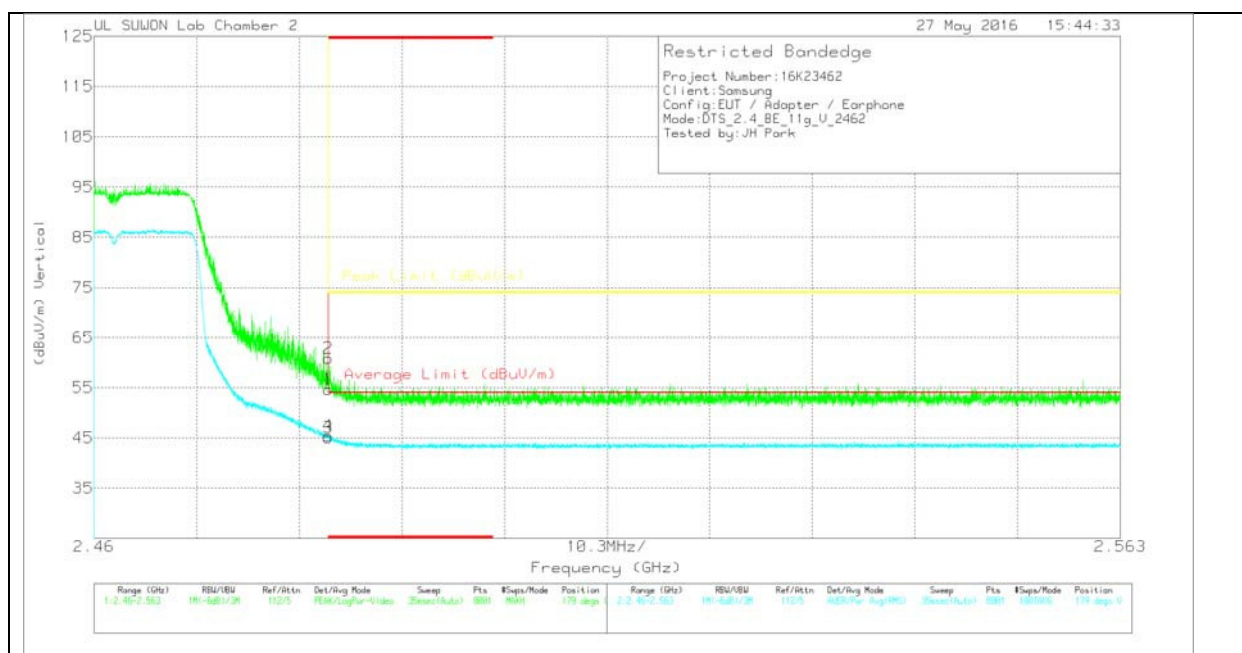
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	56.82	Pk	31.8	-19.4	0	69.22	-	-	74	-4.78	200	288	H
2	* 2.484	57.62	Pk	31.8	-19.4	0	70.02	-	-	74	-3.98	200	288	H
3	* 2.484	37.34	RMS	31.8	-19.4	.29	50.03	54	-3.97	-	-	200	288	H
4	* 2.484	37.07	RMS	31.8	-19.4	.29	49.76	54	-4.24	-	-	200	288	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	* 2.484	42.27	Pk	31.8	-19.4	0	54.67	-	-	74	-19.33	179	240	V
2	* 2.484	48.45	Pk	31.8	-19.4	0	60.85	-	-	74	-13.15	179	240	V
3	* 2.484	32.39	RMS	31.8	-19.4	.29	45.08	54	-8.92	-	-	179	240	V
4	* 2.484	32.76	RMS	31.8	-19.4	.29	45.45	54	-8.55	-	-	179	240	V

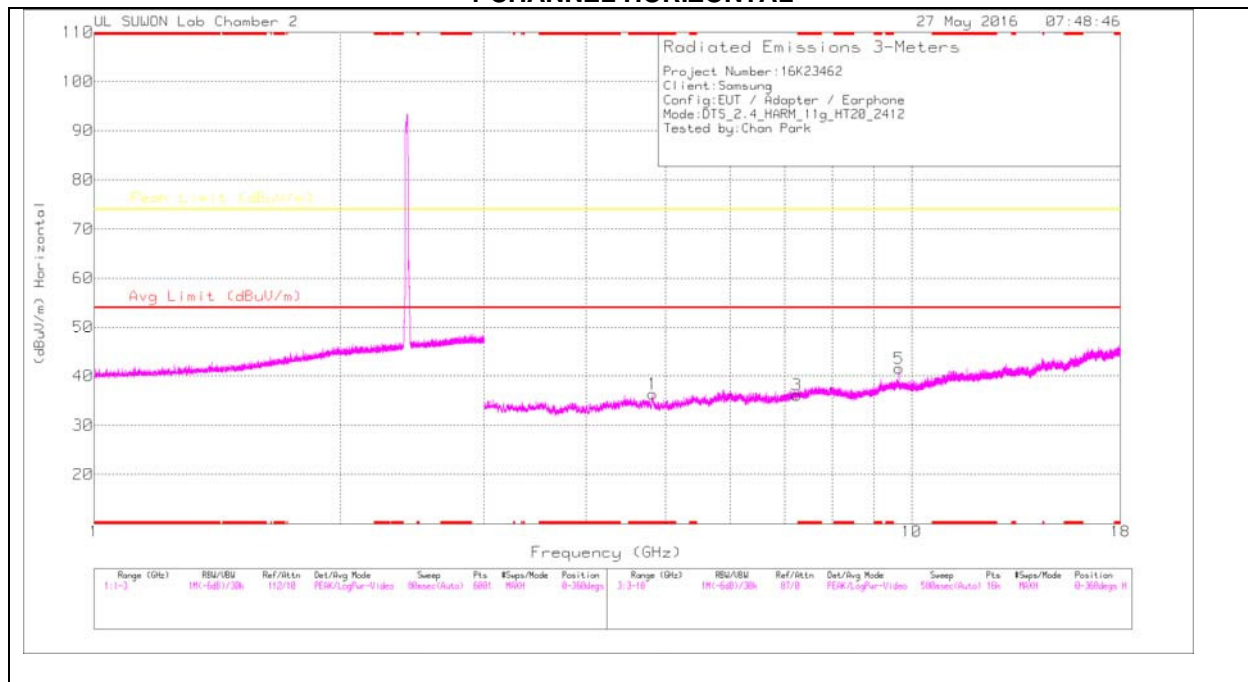
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

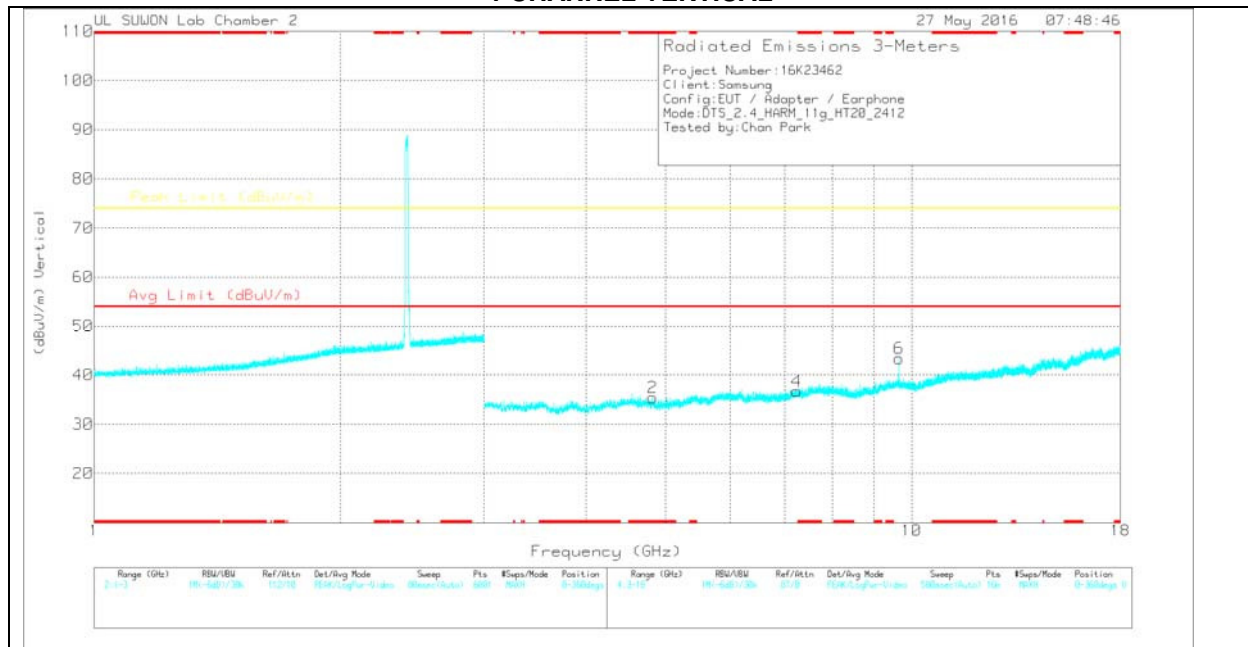
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

1 CHANNEL HORIZONTAL



1 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.

1 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_3	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	* 4.821	27.76	PK	33.9	-25.3	0	36.36	-	-	74	-37.64	0-360	200	H
3	7.235	23.33	PK	35.8	-23	0	36.13	-	-	74	-37.87	0-360	200	H
5	9.648	23.64	PK	36.9	-19	0	41.54	-	-	74	-32.46	0-360	100	H
2	* 4.822	26.79	PK	33.9	-25.3	0	35.39	-	-	74	-38.61	0-360	200	V
4	7.233	23.86	PK	35.8	-23	0	36.66	-	-	74	-37.34	0-360	100	V
6	9.648	25.45	PK	36.9	-19	0	43.35	-	-	74	-30.65	0-360	200	V

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

PK – Peak detector

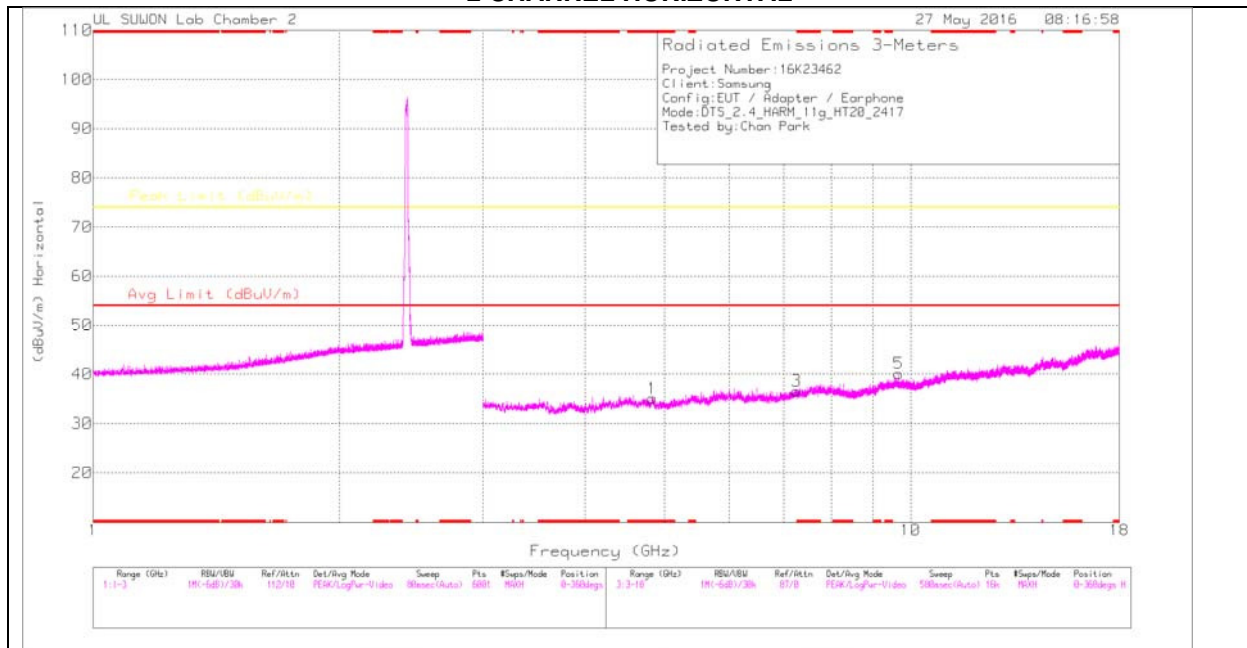
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
9.648	32.43	PK2	36.9	-19	0	50.33	-	-	74	-23.67	356	365	H
9.648	33.02	PK2	36.9	-19	0	50.92	-	-	74	-23.08	264	400	V

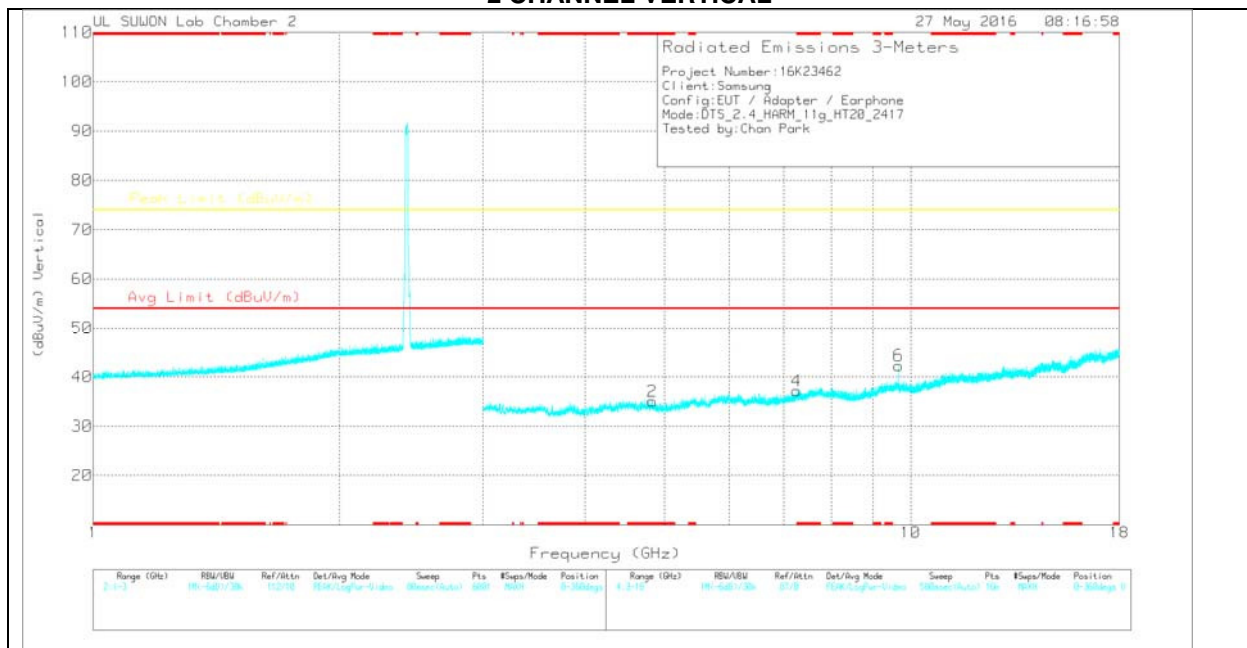
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

2 CHANNEL HORIZONTAL



2 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.

2 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_3	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	* 4.834	26.45	PK	33.9	-25.3	0	35.05	-	-	74	-38.95	0-360	100	H
3	* 7.25	23.8	PK	35.8	-23	0	36.6	-	-	74	-37.4	0-360	200	H
5	9.668	22.31	PK	36.9	-19.1	0	40.11	-	-	74	-33.89	0-360	100	H
2	* 4.834	26.48	PK	33.9	-25.3	0	35.08	-	-	74	-38.92	0-360	100	V
4	* 7.25	24.35	PK	35.8	-23	0	37.15	-	-	74	-36.85	0-360	200	V
6	9.668	24.52	PK	36.9	-19.1	0	42.32	-	-	74	-31.68	0-360	100	V

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

PK – Peak detector

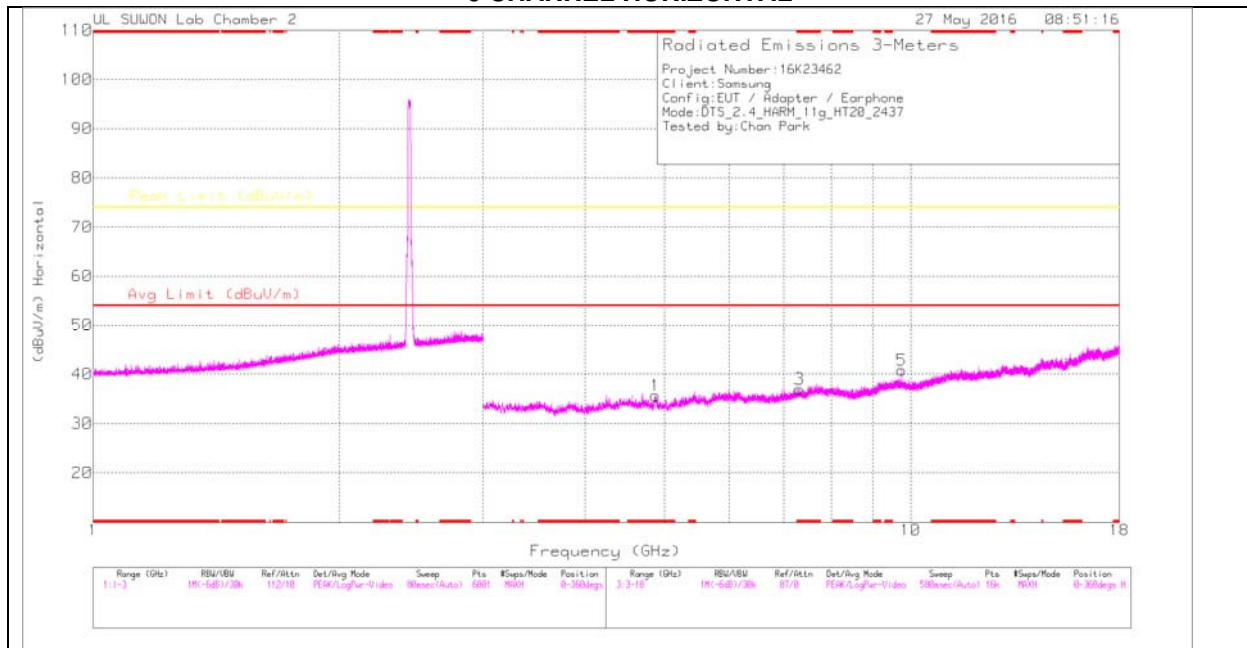
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168724)_150619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
9.668	32.78	PK2	36.9	-19.1	0	50.58	-	-	74	-23.42	315	387	H
9.668	31.83	PK2	36.9	-19.1	0	49.63	-	-	74	-24.37	176	212	V

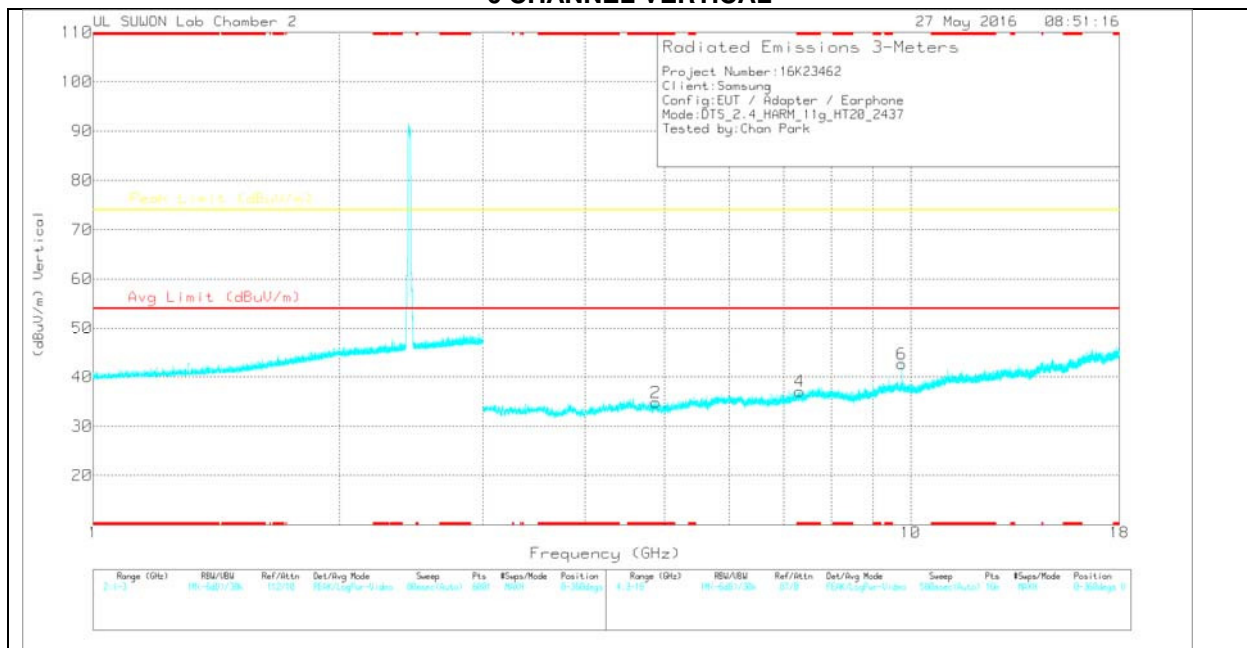
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

6 CHANNEL HORIZONTAL



6 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.

6 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_3	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	* 4.871	26.94	PK	33.9	-25.2	0	35.64	-	-	74	-38.36	0-360	200	H
3	* 7.31	23.67	PK	35.9	-22.6	0	36.97	-	-	74	-37.03	0-360	100	H
5	9.749	23.06	PK	37	-19.3	0	40.76	-	-	74	-33.24	0-360	100	H
2	* 4.878	26.11	PK	33.9	-25.2	0	34.81	-	-	74	-39.19	0-360	200	V
4	* 7.311	23.79	PK	35.9	-22.6	0	37.09	-	-	74	-36.91	0-360	200	V
6	9.748	24.97	PK	37	-19.3	0	42.67	-	-	74	-31.33	0-360	200	V

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

PK – Peak detector

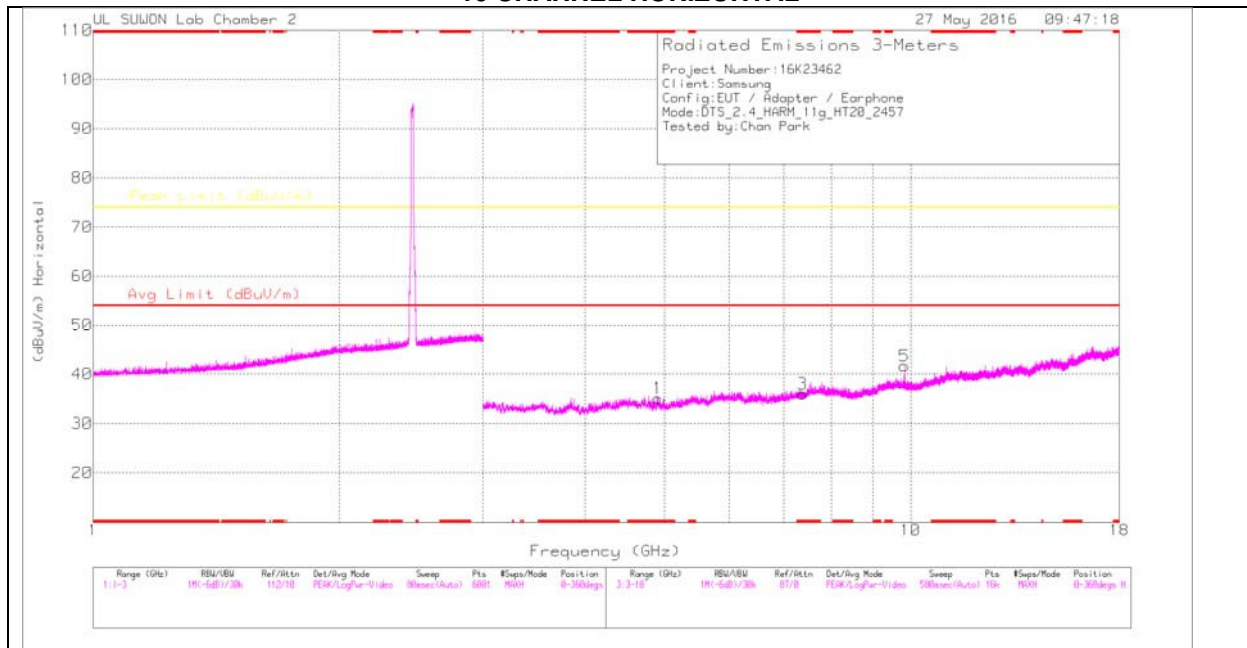
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168724)_150619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
9.749	30.96	PK2	37	-19.3	0	48.66	-	-	74	-25.34	330	330	H
9.748	32.18	PK2	37	-19.3	0	49.88	-	-	74	-24.12	198	357	V

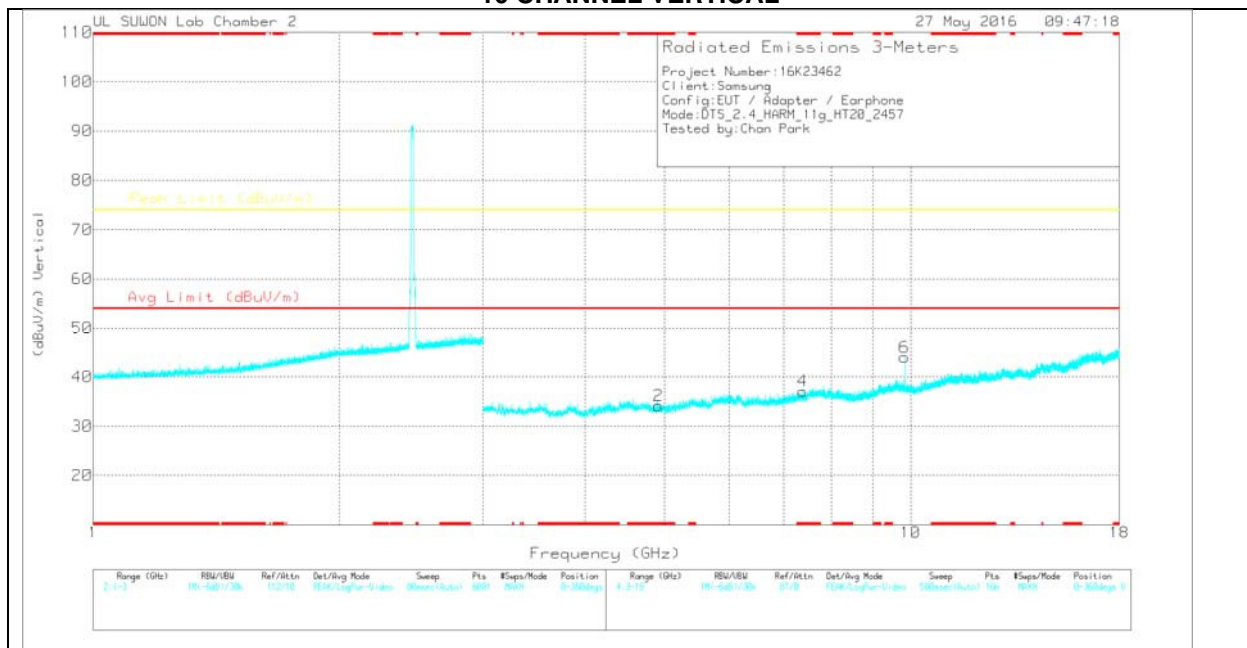
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

10 CHANNEL HORIZONTAL



10 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.

10 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_3	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	* 4.908	26.41	PK	33.9	-25.2	0	35.11	-	-	74	-38.89	0-360	100	H
3	* 7.376	22.27	PK	35.9	-22.2	0	35.97	-	-	74	-38.03	0-360	100	H
5	9.828	23.75	PK	37.1	-19.2	0	41.65	-	-	74	-32.35	0-360	100	H
2	* 4.918	25.35	PK	33.9	-25.1	0	34.15	-	-	74	-39.85	0-360	200	V
4	* 7.375	23.42	PK	35.9	-22.2	0	37.12	-	-	74	-36.88	0-360	100	V
6	9.828	26.1	PK	37.1	-19.2	0	44	-	-	74	-30	0-360	100	V

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

PK – Peak detector

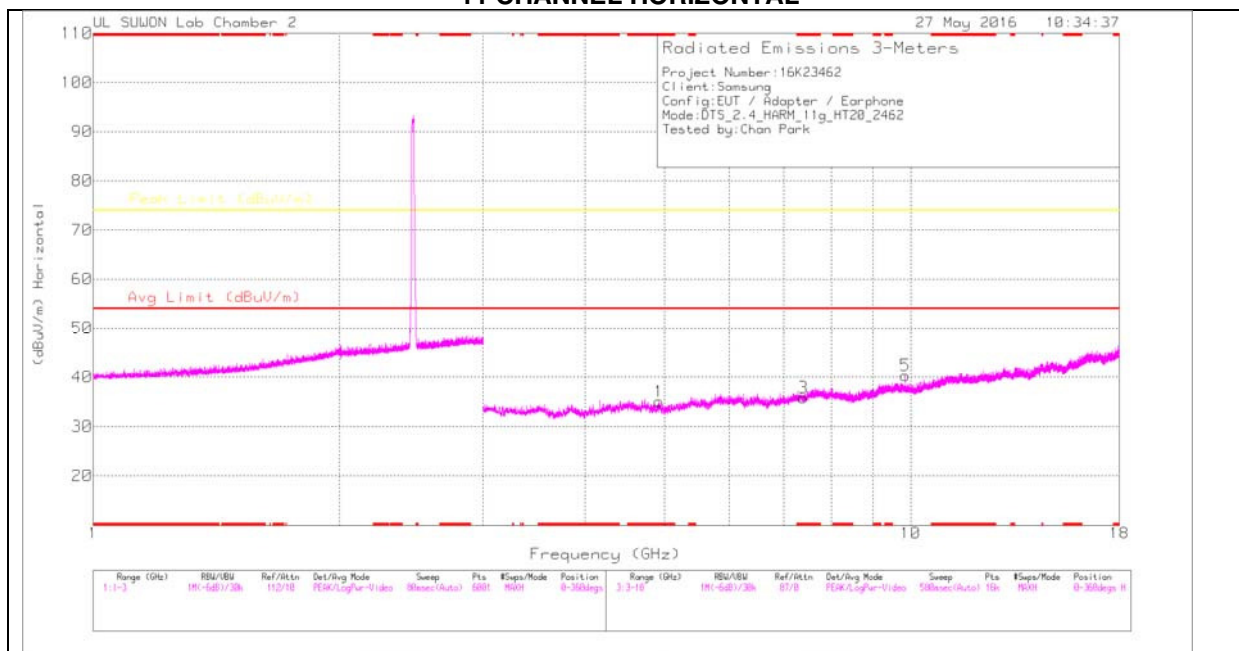
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
9.828	31.8	PK2	37.1	-19.2	0	49.7	-	-	74	-24.3	3	347	H
9.828	32.68	PK2	37.1	-19.2	0	50.58	-	-	74	-23.42	266	109	V

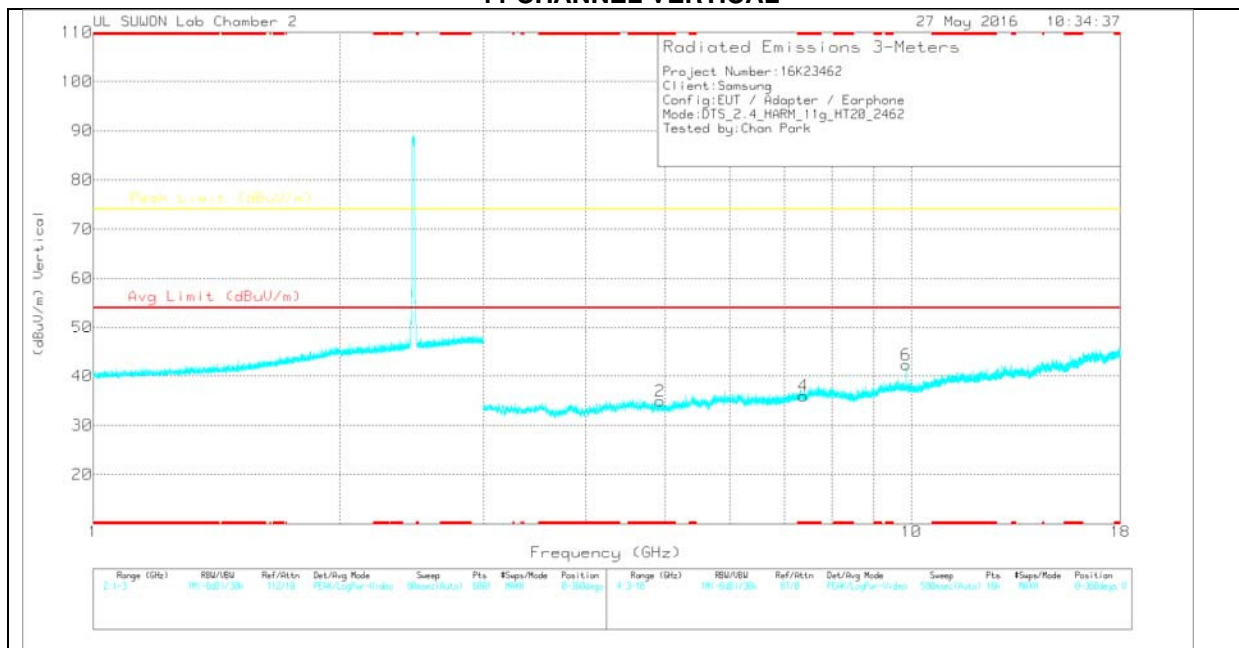
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

11 CHANNEL HORIZONTAL



11 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.

11 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_3	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	* 4.923	26.25	PK	33.9	-25.1	0	35.05	-	-	74	-38.95	0-360	100	H
3	* 7.388	22.14	PK	35.9	-22.2	0	35.84	-	-	74	-38.16	0-360	100	H
5	9.848	22.43	PK	37.1	-19.2	0	40.33	-	-	74	-33.67	0-360	200	H
2	* 4.934	26.11	PK	33.9	-25.1	0	34.91	-	-	74	-39.09	0-360	200	V
4	* 7.383	22.26	PK	35.9	-22.2	0	35.96	-	-	74	-38.04	0-360	200	V
6	9.848	24.39	PK	37.1	-19.2	0	42.29	-	-	74	-31.71	0-360	100	V

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

PK – Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168724)_150619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
9.848	32.36	PK2	37.1	-19.2	0	50.26	-	-	74	-23.74	314	367	H
9.848	32.84	PK2	37.1	-19.2	0	50.74	-	-	74	-23.26	267	274	V

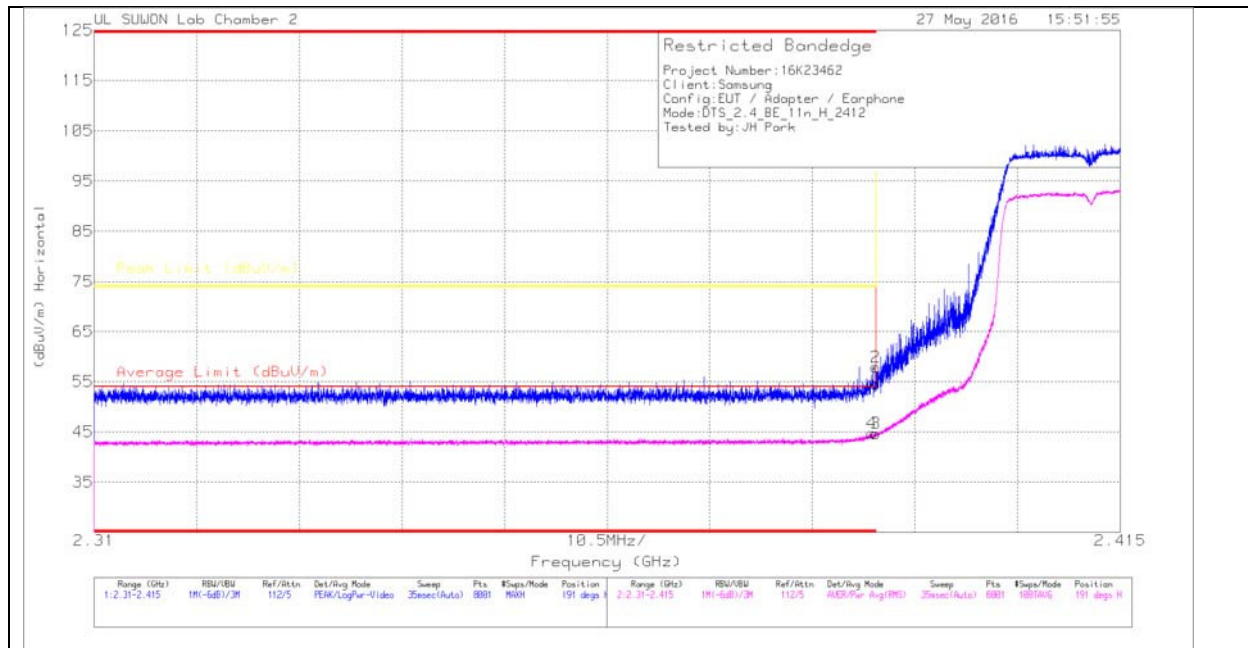
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

11.2.3. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 2.4 GHz BAND

RESTRICTED BANDEDGE (1 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

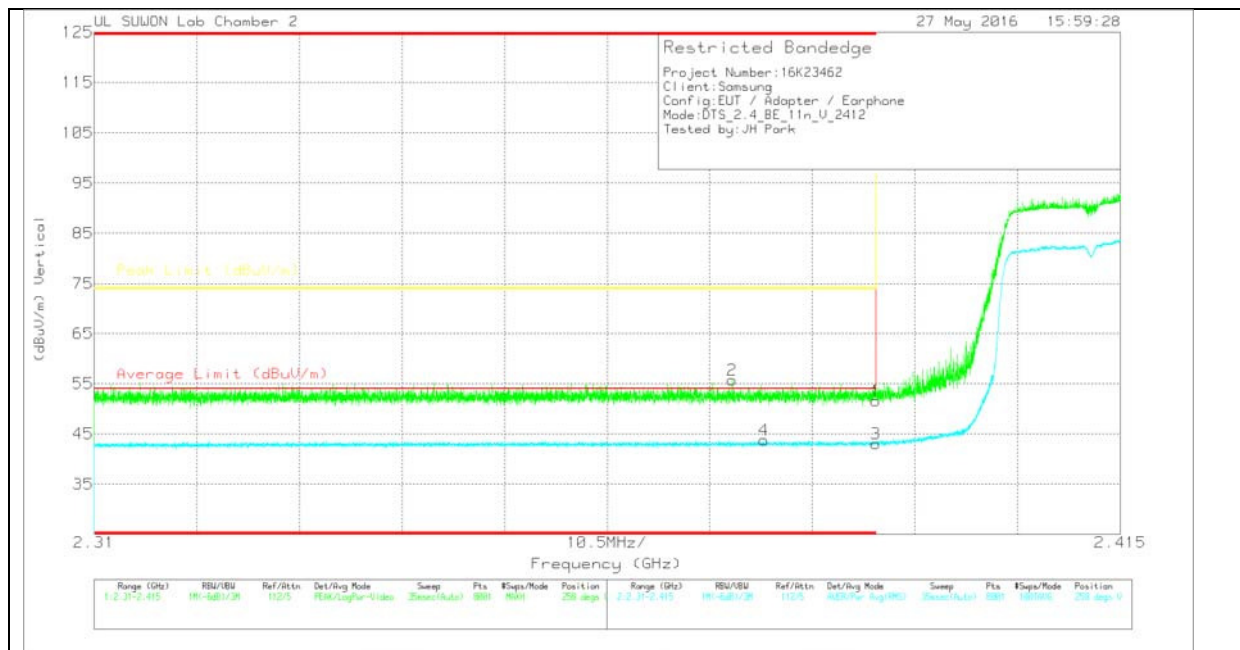
Trace Markers

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	* 2.39	42.47	Pk	31.7	-19.5	0	54.67	-	-	74	-19.33	191	242	H
2	* 2.39	45.69	Pk	31.7	-19.5	0	57.89	-	-	74	-16.11	191	242	H
3	* 2.39	32.18	RMS	31.7	-19.5	.32	44.7	54	-9.3	-	-	191	242	H
4	* 2.39	32.22	RMS	31.7	-19.5	.32	44.74	54	-9.26	-	-	191	242	H

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

Pk - Peak detector

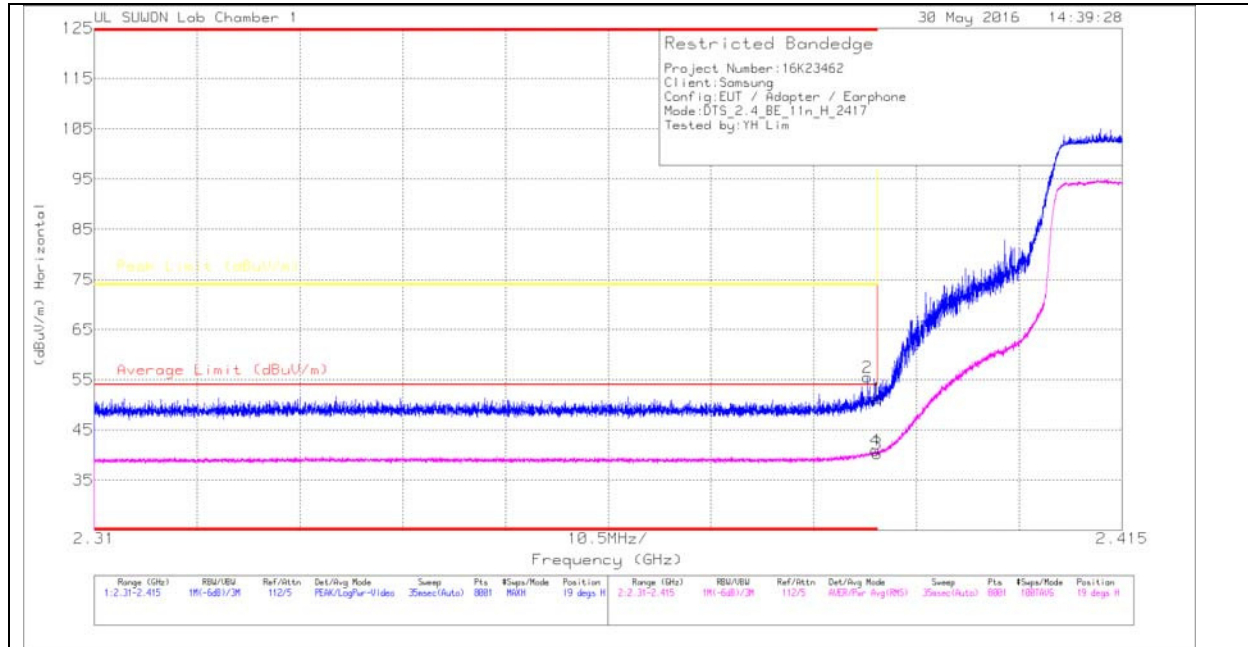
RMS - RMS detection



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117001687 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	* 2.39	39.39	Pk	31.7	-19.5	0	51.59	-	-	74	-22.41	258	297	V
2	* 2.375	43.59	Pk	31.7	-19.6	0	55.69	-	-	74	-18.31	258	297	V
3	* 2.39	30.52	RMS	31.7	-19.5	.32	43.04	54	-10.96	-	-	258	297	V
4	* 2.379	31.37	RMS	31.7	-19.6	.32	43.79	54	-10.21	-	-	258	297	V

RESTRICTED BANDEDGE (2 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

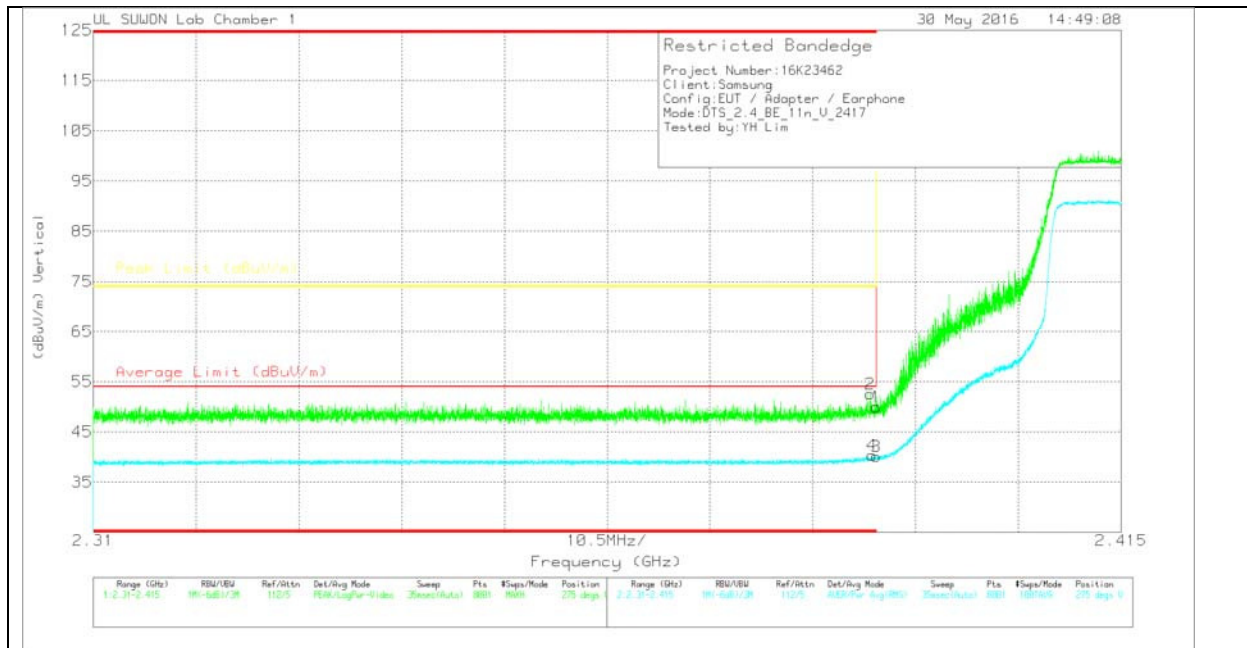
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17_150619)	Path_2	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	48.43	Pk	31.8	-29	0	51.23	-	-	74	-22.77	19	101	H
2	* 2.389	52.68	Pk	31.8	-29	0	55.48	-	-	74	-18.52	19	101	H
3	* 2.39	37.16	RMS	31.8	-29	.32	40.28	54	-13.72	-	-	19	101	H
4	* 2.39	37.83	RMS	31.8	-29	.32	40.95	54	-13.05	-	-	19	101	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 17)_150619	Path_2	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	47.14	Pk		-29	0	49.94	-	-	74	-24.06	275	368	V
2	* 2.389	49.76	Pk		-29	0	52.56	-	-	74	-21.44	275	368	V
3	* 2.39	37.01	RMS		-29	.32	40.13	54	-13.87	-	-	275	368	V
4	* 2.39	37.26	RMS		-29	.32	40.38	54	-13.62	-	-	275	368	V

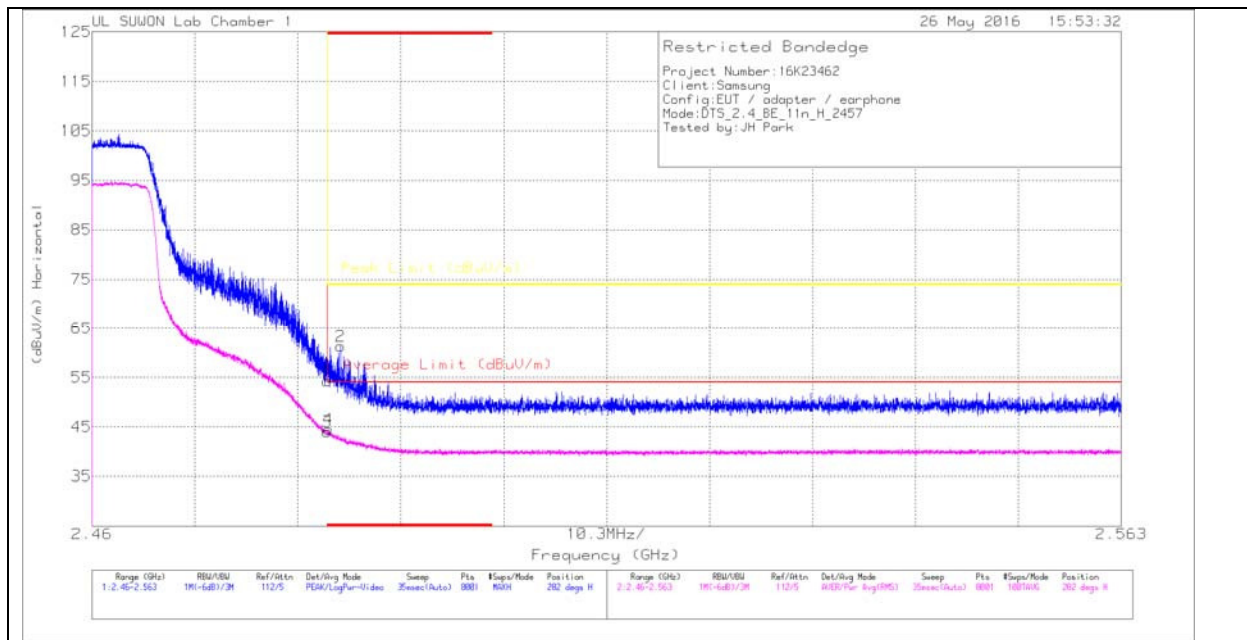
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (10 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

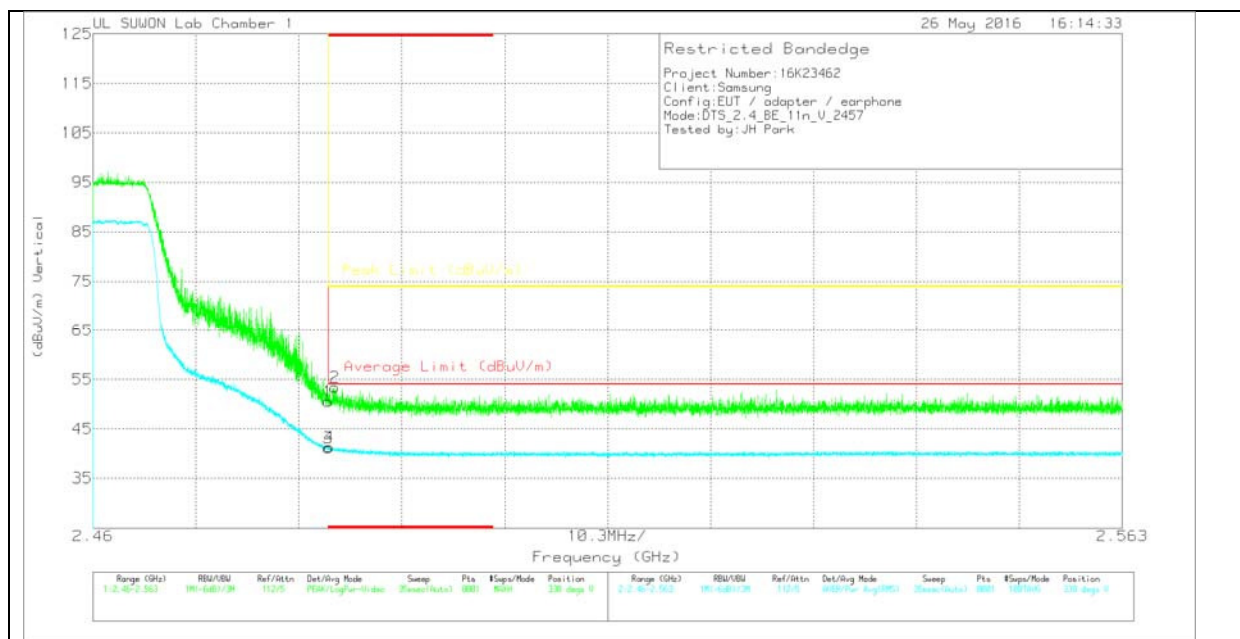
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17_150619)	Path_2	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.484	50.56	Pk	32	-28.3	0	54.26	-	-	74	-19.74	282	104	H
2	* 2.485	57.61	Pk	32	-28.3	0	61.31	-	-	74	-12.69	282	104	H
3	* 2.484	40.04	RMS	32	-28.3	.32	44.06	54	-9.94	-	-	282	104	H
4	* 2.484	40.45	RMS	32	-28.3	.32	44.47	54	-9.53	-	-	282	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 17)_150619	Path_2	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	46.87	Pk	32	-28.3	0	50.57	-	-	74	-23.43	338	367	V
2	* 2.484	49.75	Pk	32	-28.3	0	53.45	-	-	74	-20.55	338	367	V
3	* 2.484	37.21	RMS	32	-28.3	.32	41.23	54	-12.77	-	-	338	367	V
4	* 2.484	37.31	RMS	32	-28.3	.32	41.33	54	-12.67	-	-	338	367	V

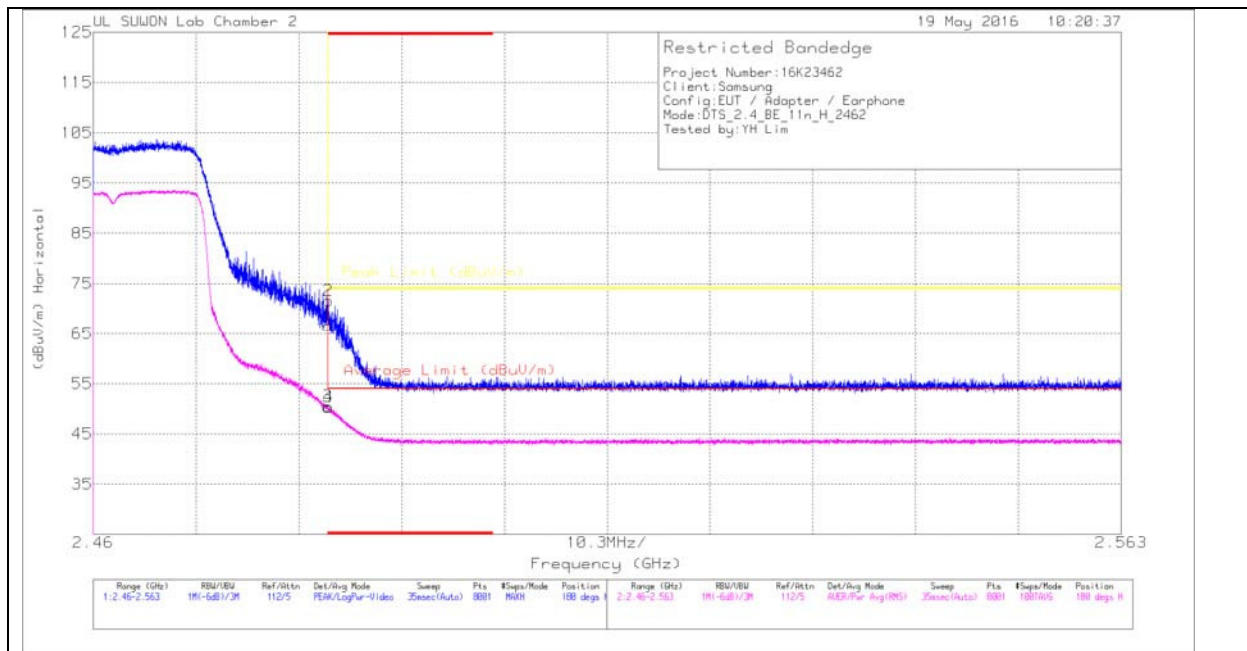
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (11 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

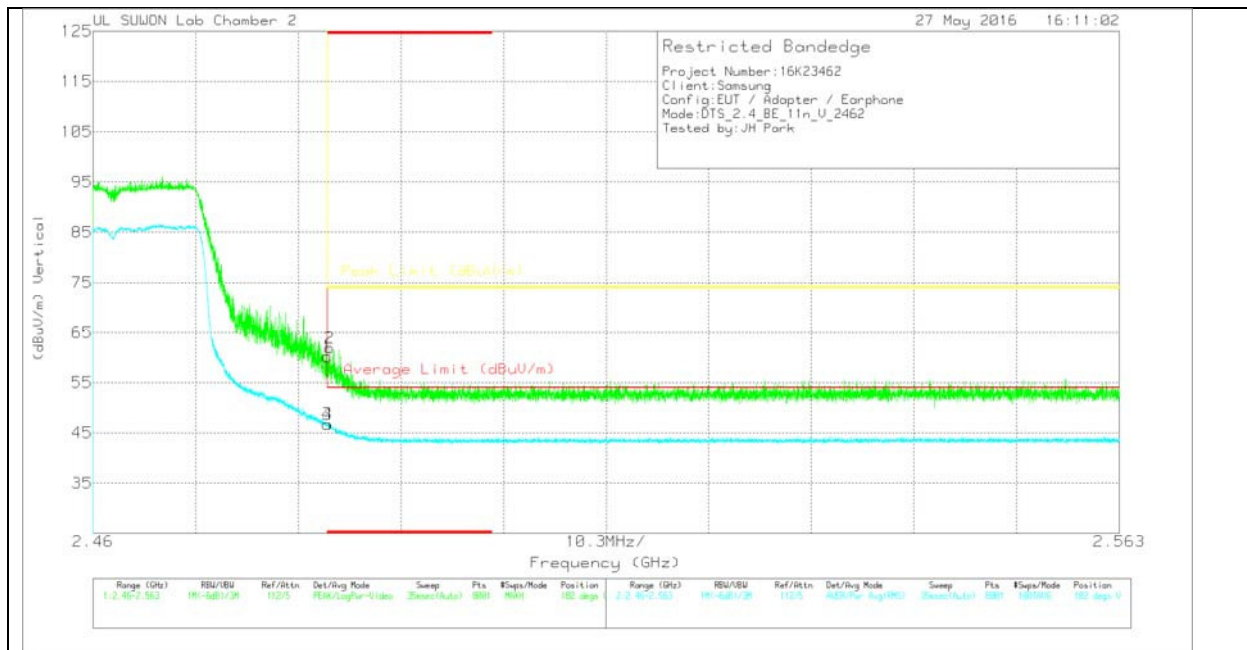
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	54.19	Pk	31.8	-19.4	0	66.59	-	-	74	-7.41	180	284	H
2	* 2.484	59.22	Pk	31.8	-19.4	0	71.62	-	-	74	-2.38	180	284	H
3	* 2.484	37.8	RMS	31.8	-19.4	.32	50.52	54	-3.48	-	-	180	284	H
4	* 2.484	37.59	RMS	31.8	-19.4	.32	50.31	54	-3.69	-	-	180	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	* 2.484	47.78	Pk	31.8	-19.4	0	60.18	-	-	74	-13.82	182	295	V
2	* 2.484	49.51	Pk	31.8	-19.4	0	61.91	-	-	74	-12.09	182	295	V
3	* 2.484	34.02	RMS	31.8	-19.4	.32	46.74	54	-7.26	-	-	182	295	V
4	* 2.484	34.02	RMS	31.8	-19.4	.32	46.74	54	-7.26	-	-	182	295	V

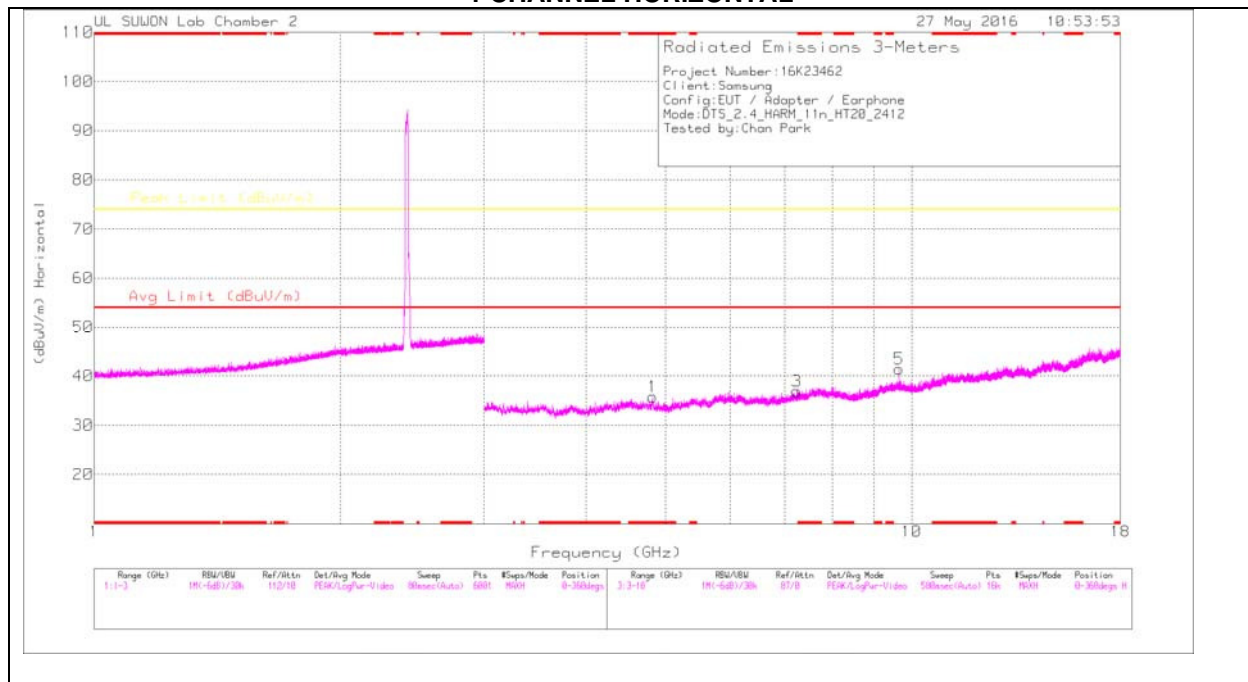
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

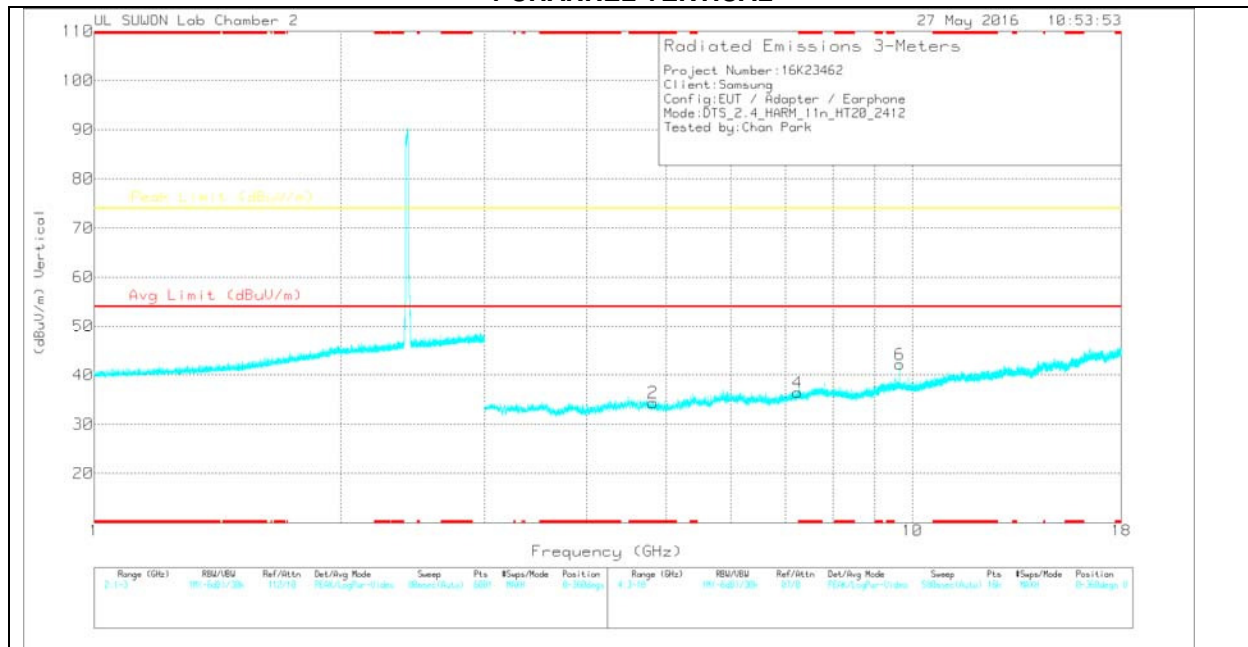
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

1 CHANNEL HORIZONTAL



1 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.

1 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_3	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	* 4.822	27.16	PK	33.9	-25.3	0	35.76	-	-	74	-38.24	0-360	200	H
3	7.235	24.09	PK	35.8	-23	0	36.89	-	-	74	-37.11	0-360	100	H
5	9.648	23.53	PK	36.9	-19	0	41.43	-	-	74	-32.57	0-360	100	H
2	* 4.82	25.77	PK	33.9	-25.3	0	34.37	-	-	74	-39.63	0-360	200	V
4	7.236	23.63	PK	35.8	-23	0	36.43	-	-	74	-37.57	0-360	200	V
6	9.648	24.24	PK	36.9	-19	0	42.14	-	-	74	-31.86	0-360	200	V

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

PK – Peak detector

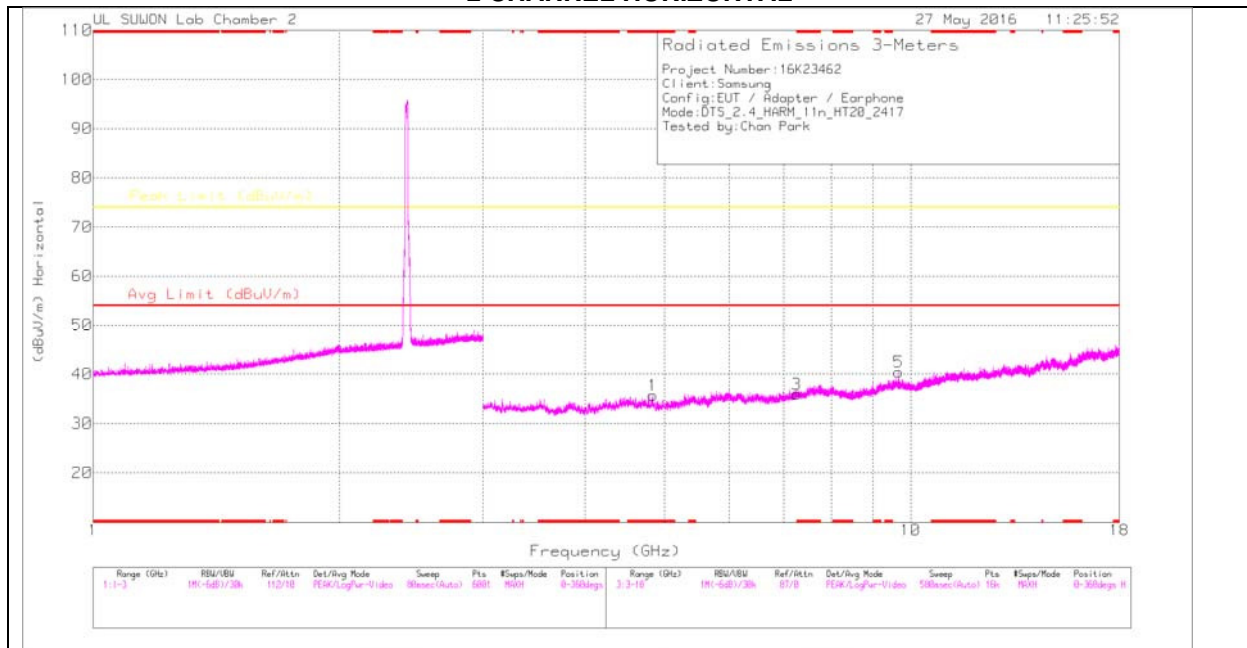
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
9.648	32.63	PK2	36.9	-19	0	50.53	-	-	74	-23.47	335	319	H
9.648	32.14	PK2	36.9	-19	0	50.04	-	-	74	-23.96	176	227	V

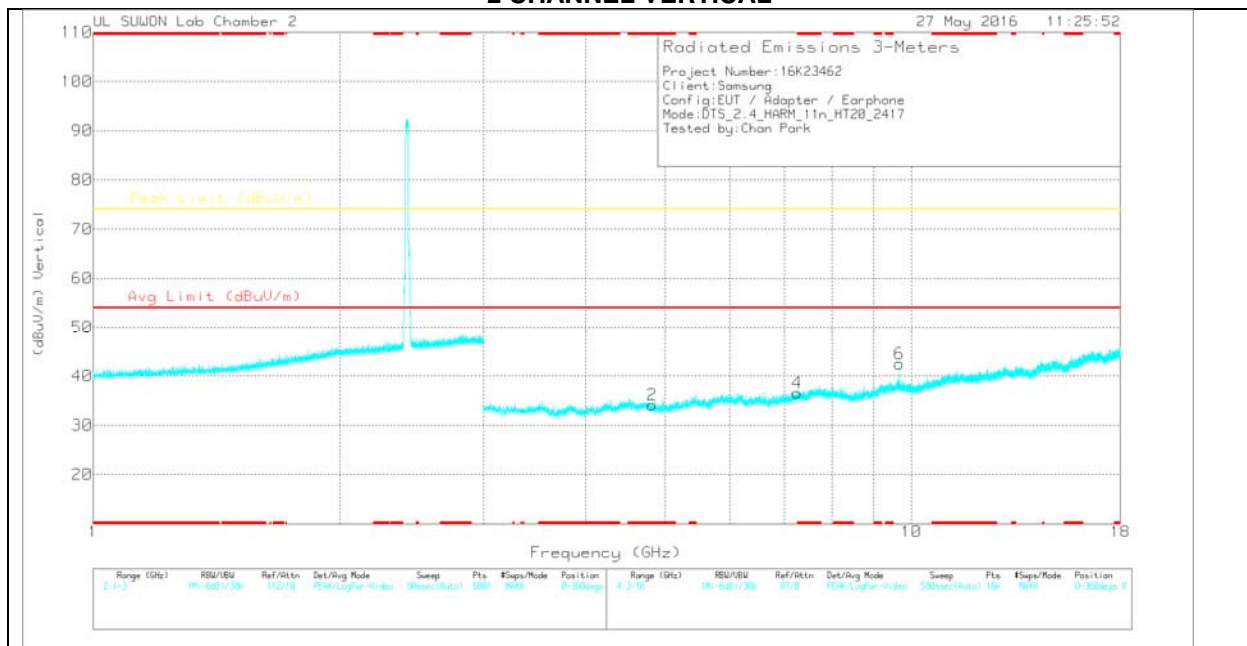
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

2 CHANNEL HORIZONTAL



2 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.

2 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_3	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	* 4.84	27.09	PK	33.9	-25.3	0	35.69	-	-	74	-38.31	0-360	200	H
3	7.249	23.15	PK	35.8	-23	0	35.95	-	-	74	-38.05	0-360	200	H
5	9.668	22.59	PK	36.9	-19.1	0	40.39	-	-	74	-33.61	0-360	100	H
2	* 4.824	25.53	PK	33.9	-25.3	0	34.13	-	-	74	-39.87	0-360	200	V
4	* 7.254	23.78	PK	35.8	-23	0	36.58	-	-	74	-37.42	0-360	100	V
6	9.668	24.69	PK	36.9	-19.1	0	42.49	-	-	74	-31.51	0-360	200	V

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

PK – Peak detector

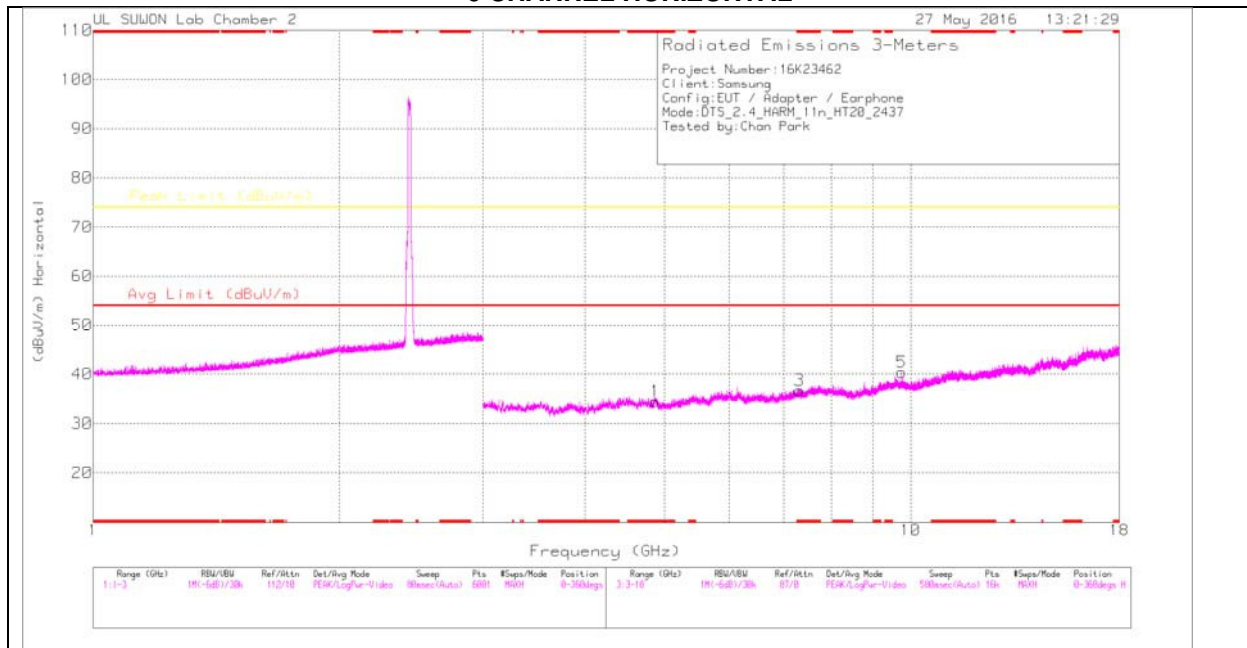
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
9.668	32.24	PK2	36.9	-19.1	0	50.04	-	-	74	-23.96	343	318	H
9.668	32.57	PK2	36.9	-19.1	0	50.37	-	-	74	-23.63	273	328	V

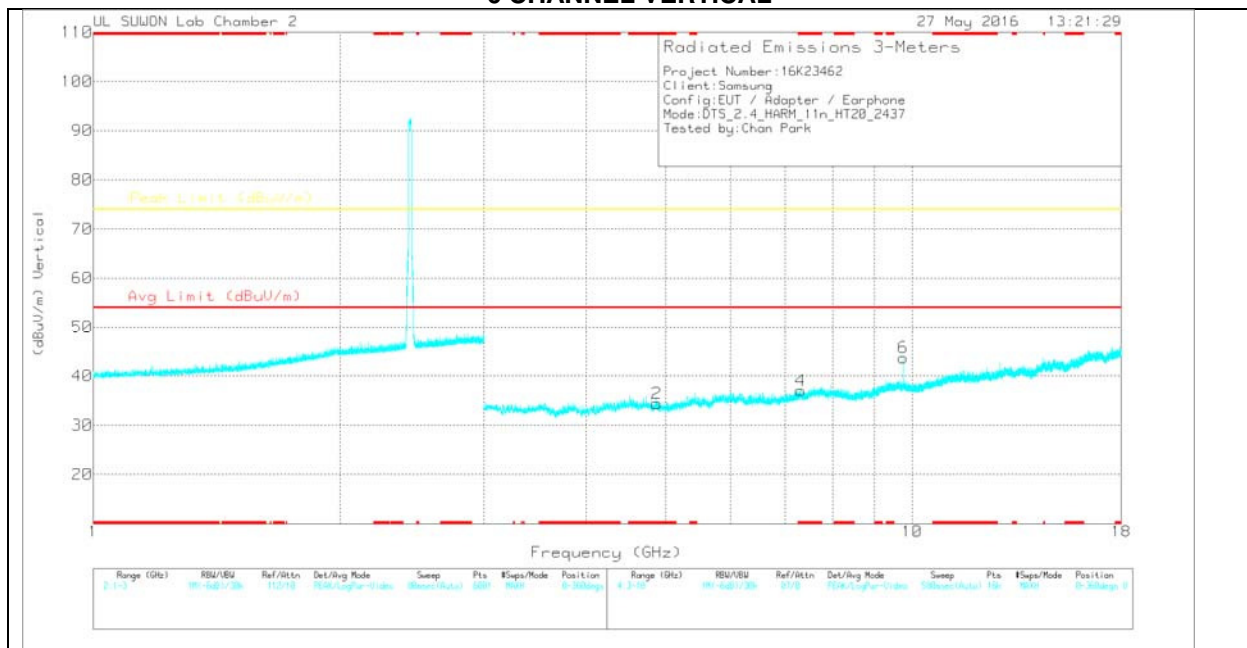
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

6 CHANNEL HORIZONTAL



6 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.

6 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_3	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	* 4.874	25.8	PK	33.9	-25.2	0	34.5	-	-	74	-39.5	0-360	100	H
3	* 7.31	23.42	PK	35.9	-22.6	0	36.72	-	-	74	-37.28	0-360	100	H
5	9.748	22.68	PK	37	-19.3	0	40.38	-	-	74	-33.62	0-360	100	H
2	* 4.878	25.7	PK	33.9	-25.2	0	34.4	-	-	74	-39.6	0-360	100	V
4	* 7.31	23.74	PK	35.9	-22.6	0	37.04	-	-	74	-36.96	0-360	200	V
6	9.748	26.01	PK	37	-19.3	0	43.71	-	-	74	-30.29	0-360	100	V

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

PK – Peak Detector

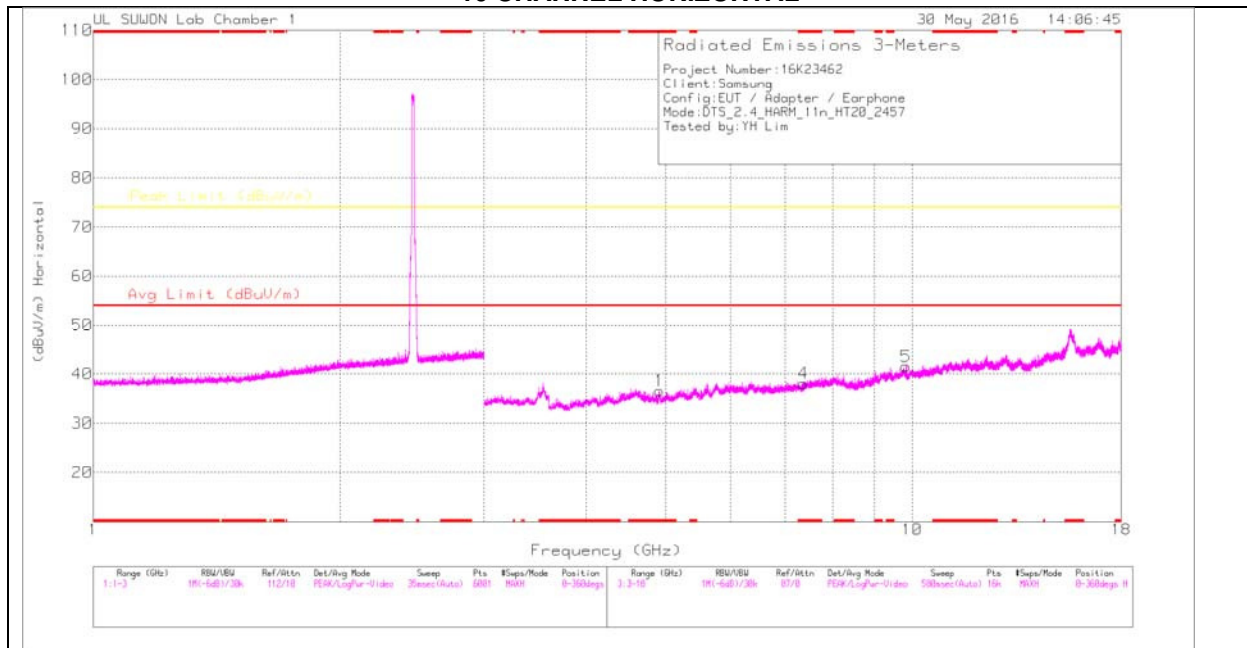
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168724)_150619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
9.748	32.51	PK2	37	-19.3	0	50.21	-	-	74	-23.79	320	400	H
9.748	32.78	PK2	37	-19.3	0	50.48	-	-	74	-23.52	197	102	V

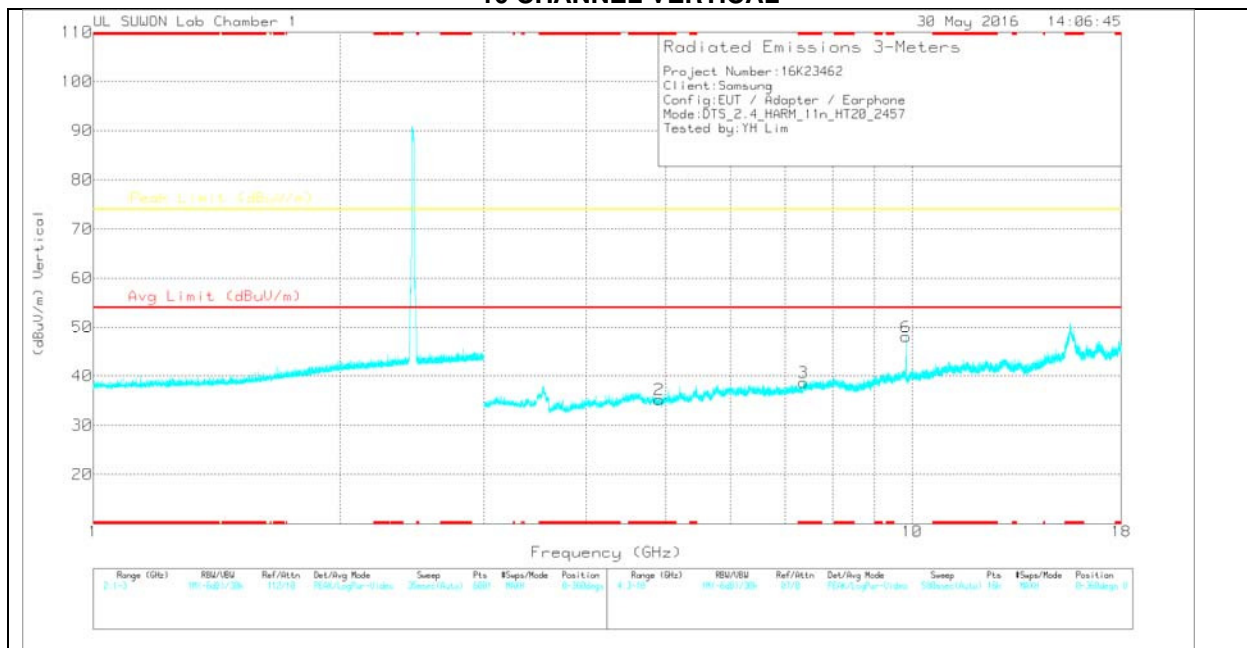
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

10 CHANNEL HORIZONTAL



10 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.

10 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_3	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	* 4.912	36.61	Pk	34	-34	0	36.61	-	-	74	-37.39	0-360	100	H
4	* 7.369	33.07	Pk	35.8	-30.8	0	38.07	-	-	74	-35.93	0-360	100	H
5	9.827	31.34	Pk	37.3	-27.1	0	41.54	-	-	74	-32.46	0-360	200	H
2	* 4.911	35.2	Pk	34	-34	0	35.2	-	-	74	-38.8	0-360	100	V
3	* 7.366	33.68	Pk	35.8	-30.8	0	38.68	-	-	74	-35.32	0-360	100	V
6	9.828	37.82	Pk	37.3	-27.1	0	48.02	-	-	74	-25.98	0-360	100	V

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

Pk – Peak detector

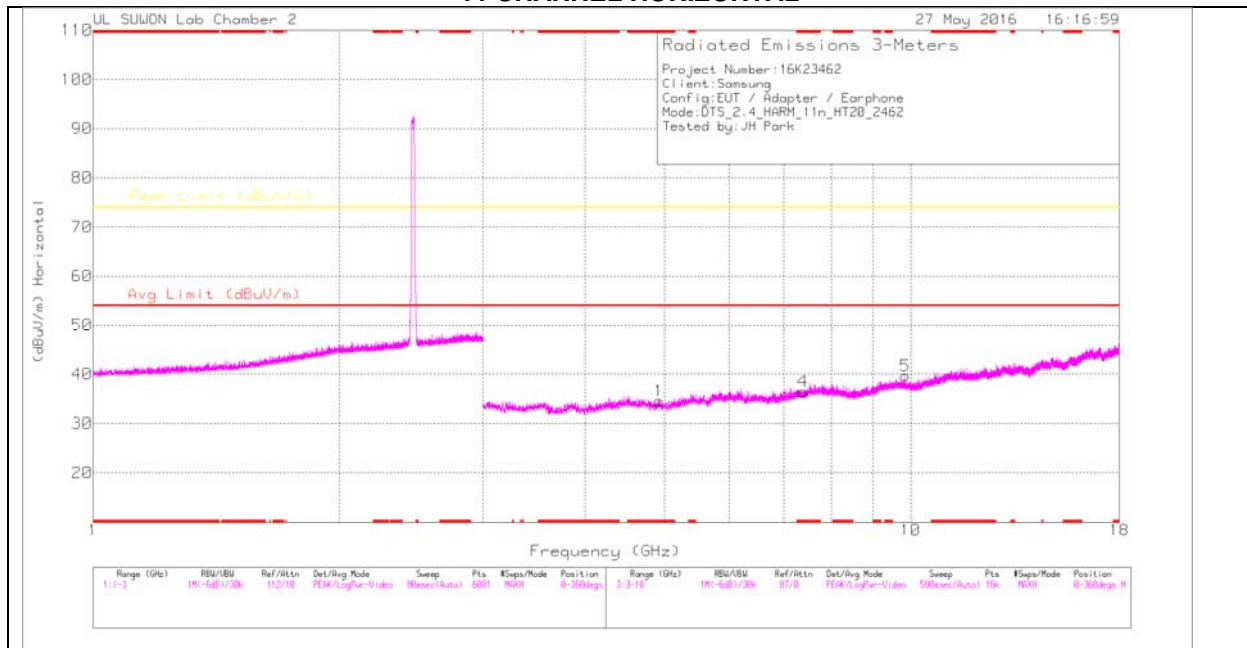
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
9.823	40.35	PK2	37.3	-27	0	50.65	-	-	74	-23.35	337	237	H
9.828	43.41	PK2	37.3	-27.1	0	53.61	-	-	74	-20.39	271	152	V

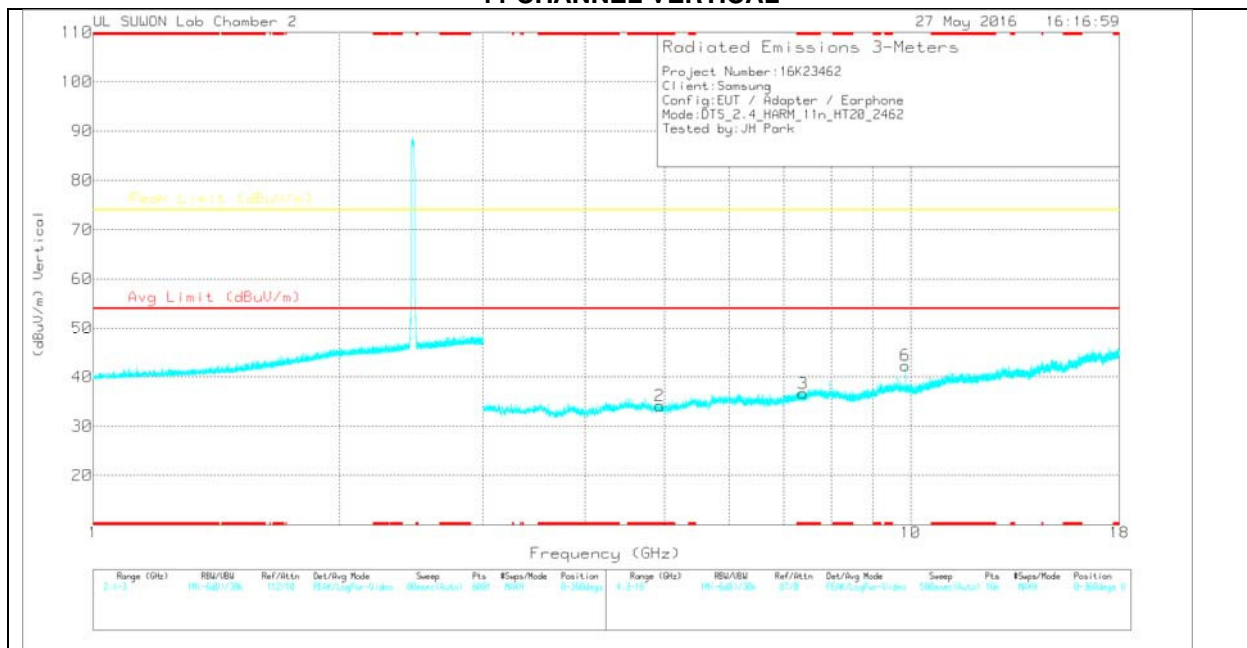
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

11 CHANNEL HORIZONTAL



11 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.

11 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_3	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	* 4.926	25.74	PK	33.9	-25.1	0	34.54	-	-	74	-39.46	0-360	100	H
4	* 7.385	22.78	PK	35.9	-22.2	0	36.48	-	-	74	-37.52	0-360	100	H
5	9.848	21.76	PK	37.1	-19.2	0	39.66	-	-	74	-34.34	0-360	100	H
2	* 4.931	25.34	PK	33.9	-25.1	0	34.14	-	-	74	-39.86	0-360	100	V
3	* 7.386	22.99	PK	35.9	-22.2	0	36.69	-	-	74	-37.31	0-360	100	V
6	9.848	24.45	PK	37.1	-19.2	0	42.35	-	-	74	-31.65	0-360	100	V

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

PK – Peak Detector

Radiated Emissions

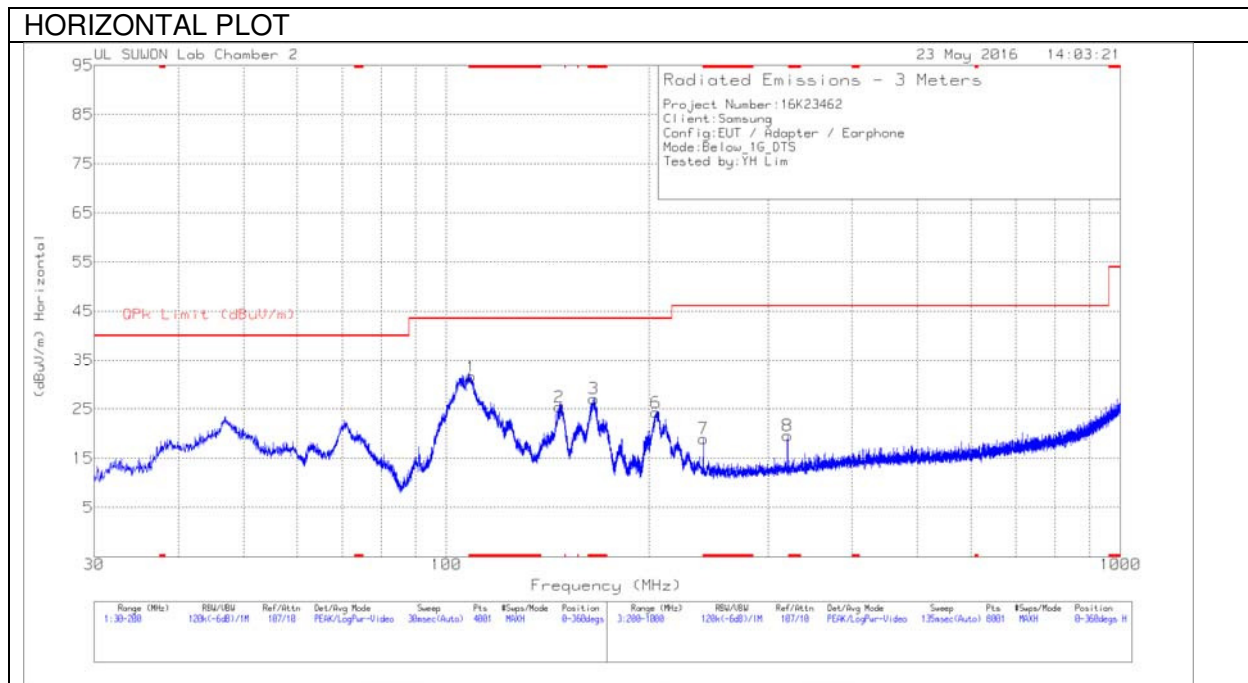
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168724)_150619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
9.848	32.02	PK2	37.1	-19.2	0	49.92	-	-	74	-24.08	311	371	H
9.848	33.45	PK2	37.1	-19.2	0	51.35	-	-	74	-22.65	200	306	V

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

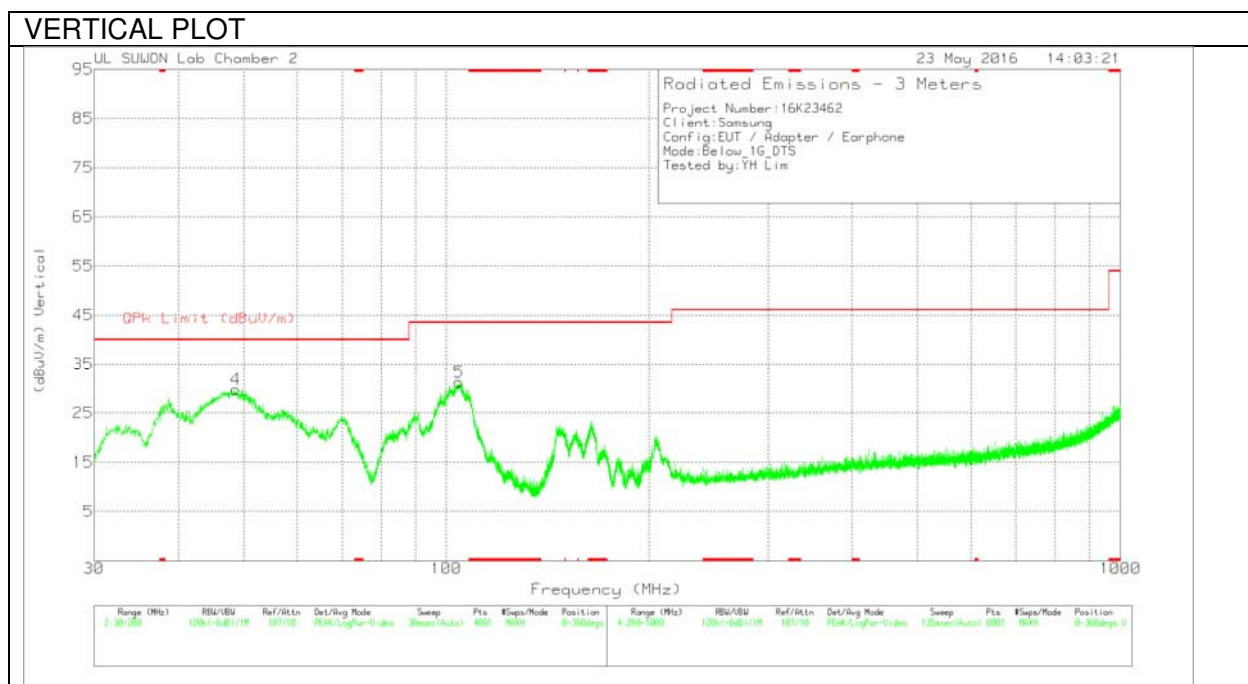
PK2 - KDB558074 Method: Maximum Peak

11.3. WORST-CASE BELOW 1 GHz

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL)



SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, VERTICAL)



Below 1G Data

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163-749	Below_1G	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 108.88	51.23	Pk	10.9	-30.5	31.63	43.52	-11.89	0-360	300	H
2	146.9175	47.62	Pk	8.2	-30.4	25.42	43.52	-18.1	0-360	200	H
3	* 165.4475	48.69	Pk	8.8	-30.4	27.09	43.52	-16.43	0-360	100	H
4	48.7425	46.51	Pk	14.1	-30.8	29.81	40	-10.19	0-360	100	V
5	104.46	50.71	Pk	11.2	-30.6	31.31	43.52	-12.21	0-360	100	V
6	204.7	43.1	Pk	11.5	-30.3	24.3	43.52	-19.22	0-360	100	H
7	* 240.5	36.98	Pk	12.2	-30.2	18.98	46.02	-27.04	0-360	100	H
8	320.7	35.69	Pk	13.8	-29.9	19.59	46.02	-26.43	0-360	100	H

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

Pk - Peak detector

12. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

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 2009.

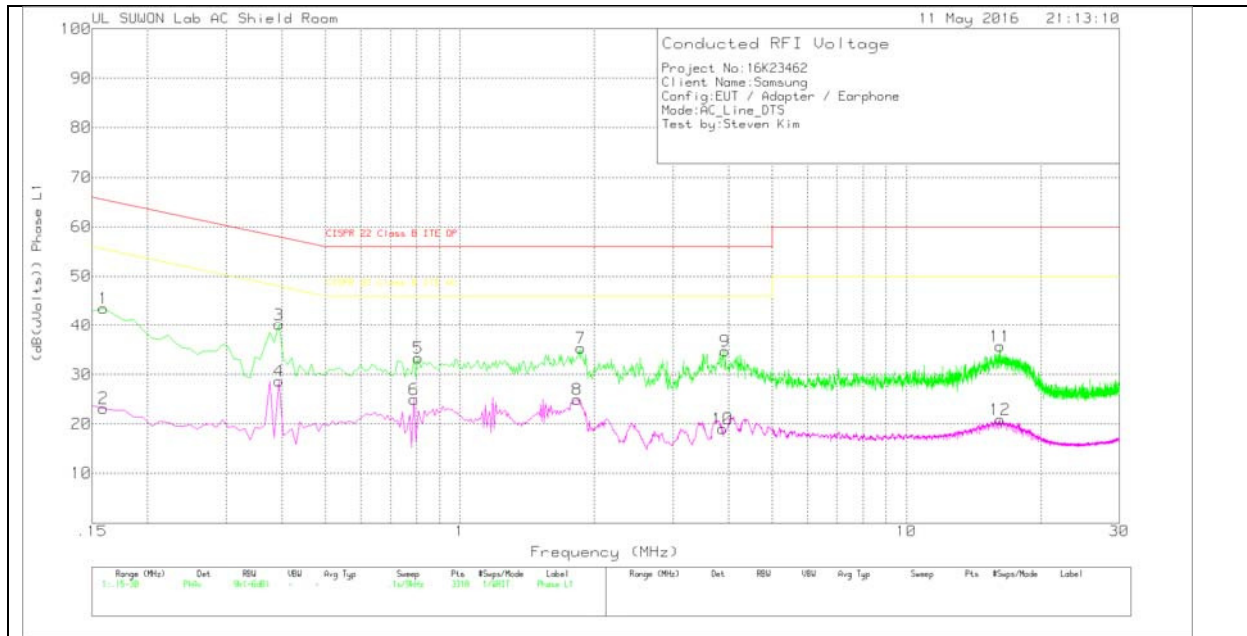
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

WORST EMISSIONS

LINE 1 PLOT



LINE 1 RESULTS

Trace Markers

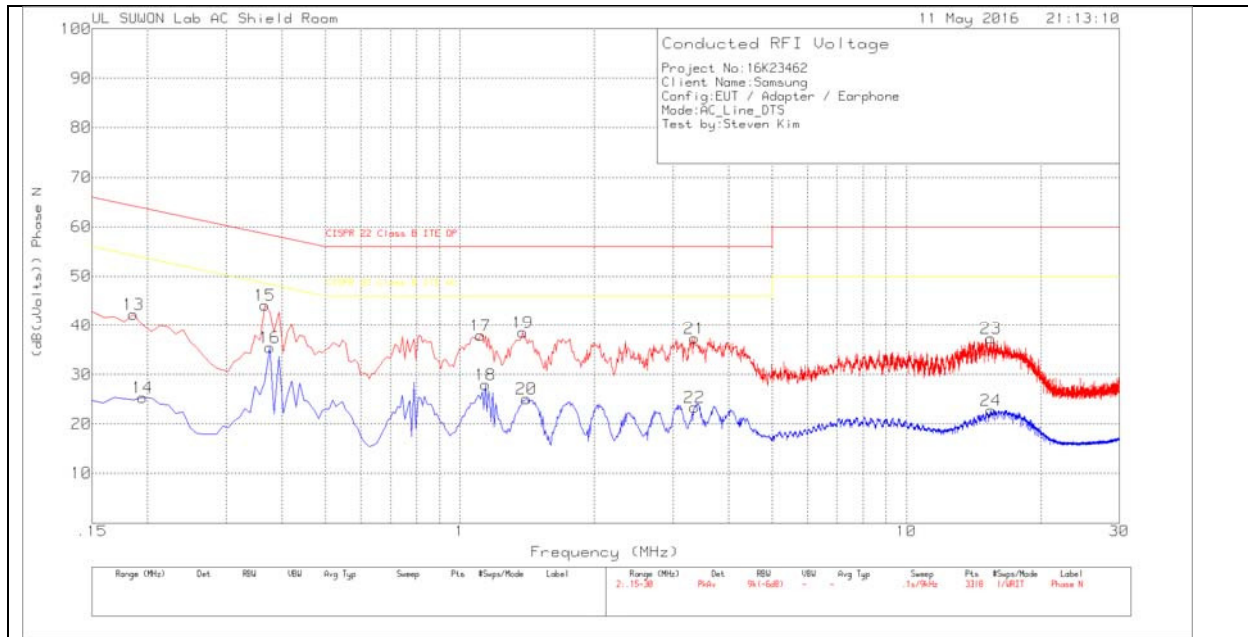
Phase L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_w ith ex- cord_L1	CE Shield Room	Corrected Reading (dB(uVolts)	CISPR 22 Class B ITE QP	Margin (dB)	CISPR 22 Class B ITE AV	Margin (dB)
1	.159	33.51	Pk	10	0	43.51	65.52	-22.01	-	-
2	.159	13.16	Av	10	0	23.16	-	-	55.52	-32.36
3	.393	30.12	Pk	10.1	0	40.22	58	-17.78	-	-
4	.393	18.55	Av	10.1	0	28.65	-	-	48	-19.35
5	.807	23.35	Pk	10	0	33.35	56	-22.65	-	-
6	.789	14.99	Av	10	0	24.99	-	-	46	-21.01
7	1.869	25.46	Pk	9.8	.1	35.36	56	-20.64	-	-
8	1.833	15.1	Av	9.8	.1	25	-	-	46	-21
9	3.93	24.83	Pk	9.8	.1	34.73	56	-21.27	-	-
10	3.876	9.15	Av	9.8	.1	19.05	-	-	46	-26.95
11	16.197	25.31	Pk	10.2	.2	35.71	60	-24.29	-	-
12	16.206	10.43	Av	10.2	.2	20.83	-	-	50	-29.17

Pk - Peak detector

Av - Average detection

LINE 2 PLOT



LINE 2 RESULTS

Trace Markers

Phase N .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_w ith ex- cord_N	CE Shield Room	Corrected Reading (dB(uVolts)	CISPR 22 Class B ITE QP	Margin (dB)	CISPR 22 Class B ITE AV	Margin (dB)
13	.186	32.3	Pk	10	0	42.3	64.21	-21.91	-	-
14	.195	15.34	Av	10	0	25.34	-	-	53.82	-28.48
15	.366	33.99	Pk	10.1	0	44.09	58.59	-14.5	-	-
16	.375	25.42	Av	10.1	0	35.52	-	-	48.39	-12.87
17	1.113	28.06	Pk	9.9	0	37.96	56	-18.04	-	-
18	1.14	18.08	Av	9.8	0	27.88	-	-	46	-18.12
19	1.383	28.61	Pk	9.8	.1	38.51	56	-17.49	-	-
20	1.41	15.2	Av	9.8	.1	25.1	-	-	46	-20.9
21	3.354	27.42	Pk	9.8	.1	37.32	56	-18.68	-	-
22	3.354	13.47	Av	9.8	.1	23.37	-	-	46	-22.63
23	15.459	26.79	Pk	10.3	.2	37.29	60	-22.71	-	-
24	15.459	12.2	Av	10.3	.2	22.7	-	-	50	-27.3

Pk - Peak detector

Av - Average detection