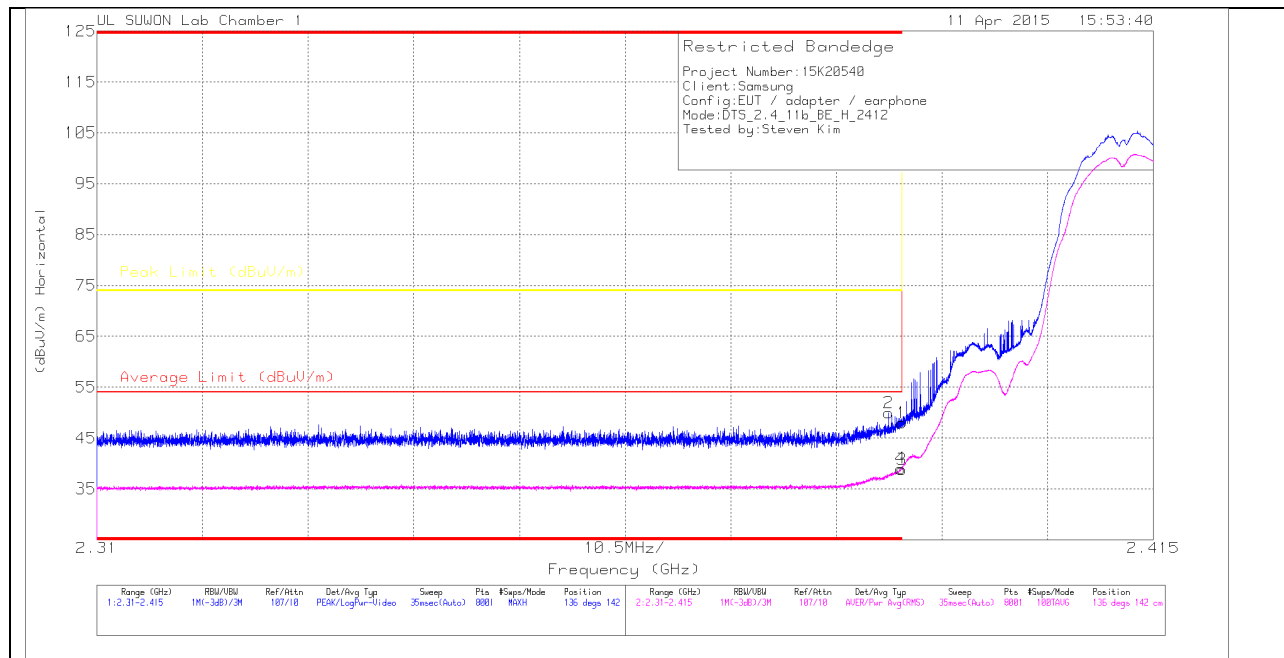


11.2. TRANSMITTER ABOVE 1 GHz

11.2.1. TX ABOVE 1 GHz 802.11b MODE IN THE 2.4 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

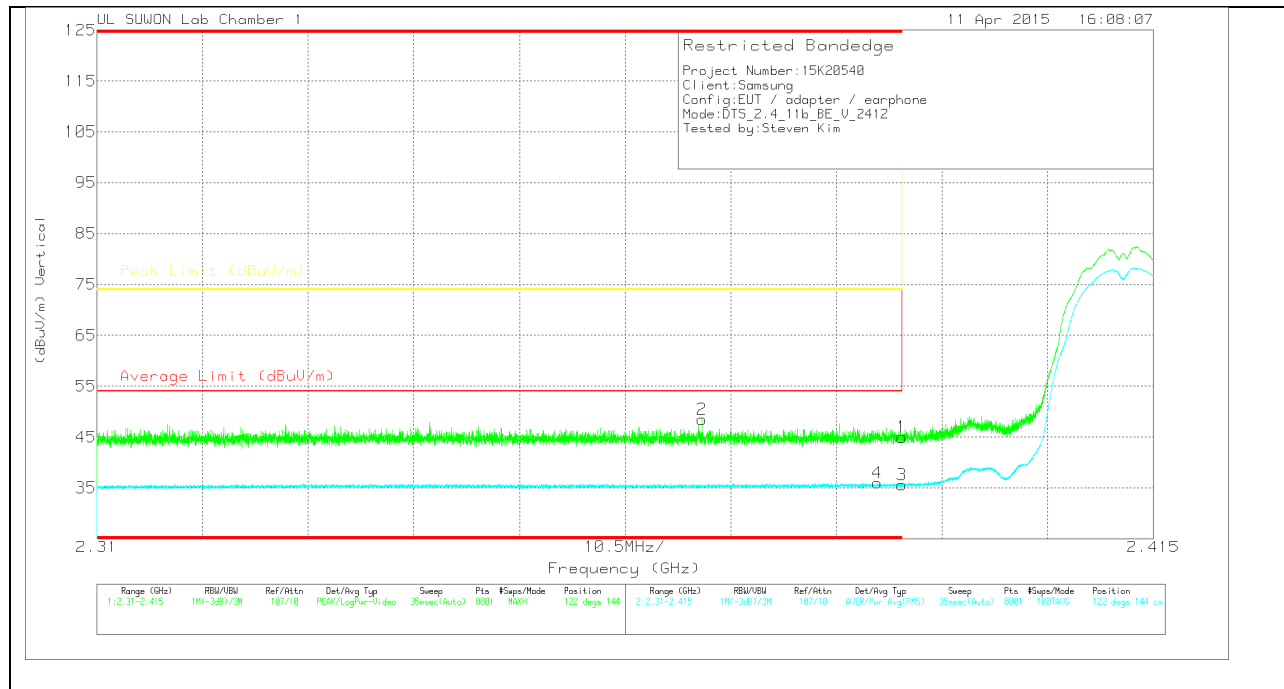
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.83	Pk	27.9	-22.8	0	47.93	-	-	74	-26.07	136	142	H
2	* 2.389	44.87	Pk	27.9	-22.8	0	49.97	-	-	74	-24.03	136	142	H
3	* 2.39	33.76	RMS	27.9	-22.8	0	38.86	54	-15.14	-	-	136	142	H
4	* 2.39	33.91	RMS	27.9	-22.8	0	39.01	54	-14.99	-	-	136	142	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	31150 Factor	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	39.85	PK	27.9	-22.8	0	44.95	-	-	74	-29.05	122	144	V
2	* 2.37	43.46	PK	27.8	-22.8	0	48.46	-	-	74	-25.54	122	144	V
3	* 2.39	30.49	RMS	27.9	-22.8	0	35.59	54	-18.41	-	-	122	144	V
4	* 2.388	30.87	RMS	27.9	-22.8	0	35.97	54	-18.03	-	-	122	144	V

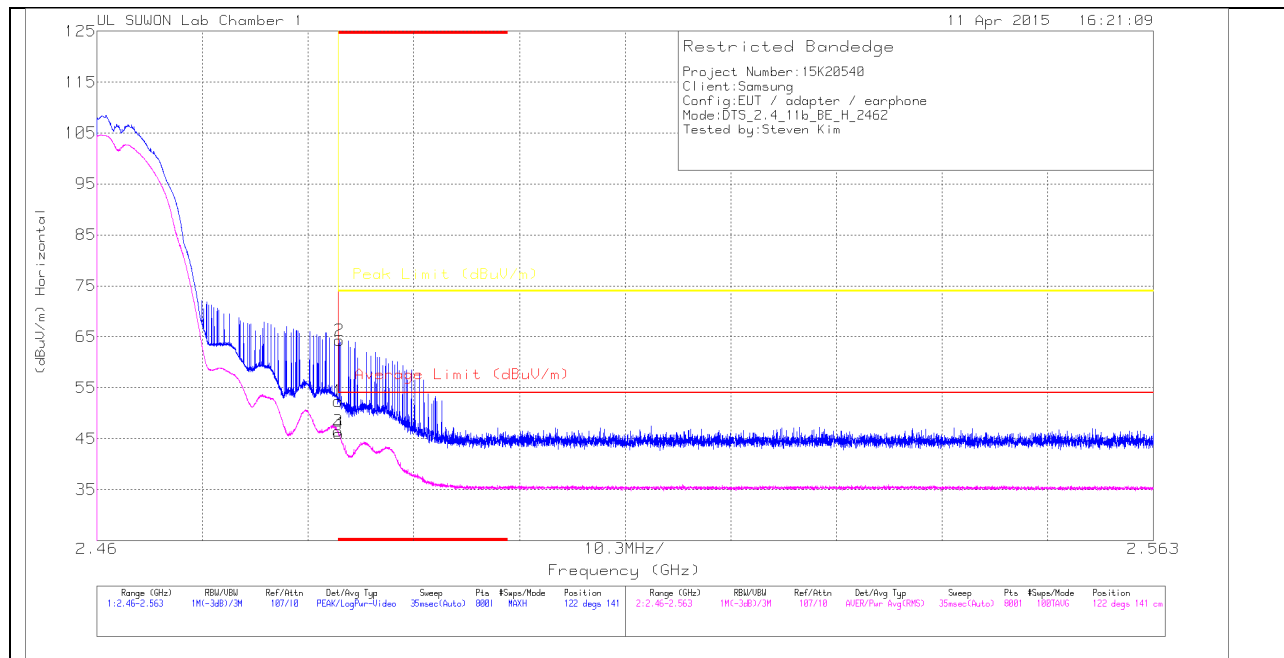
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

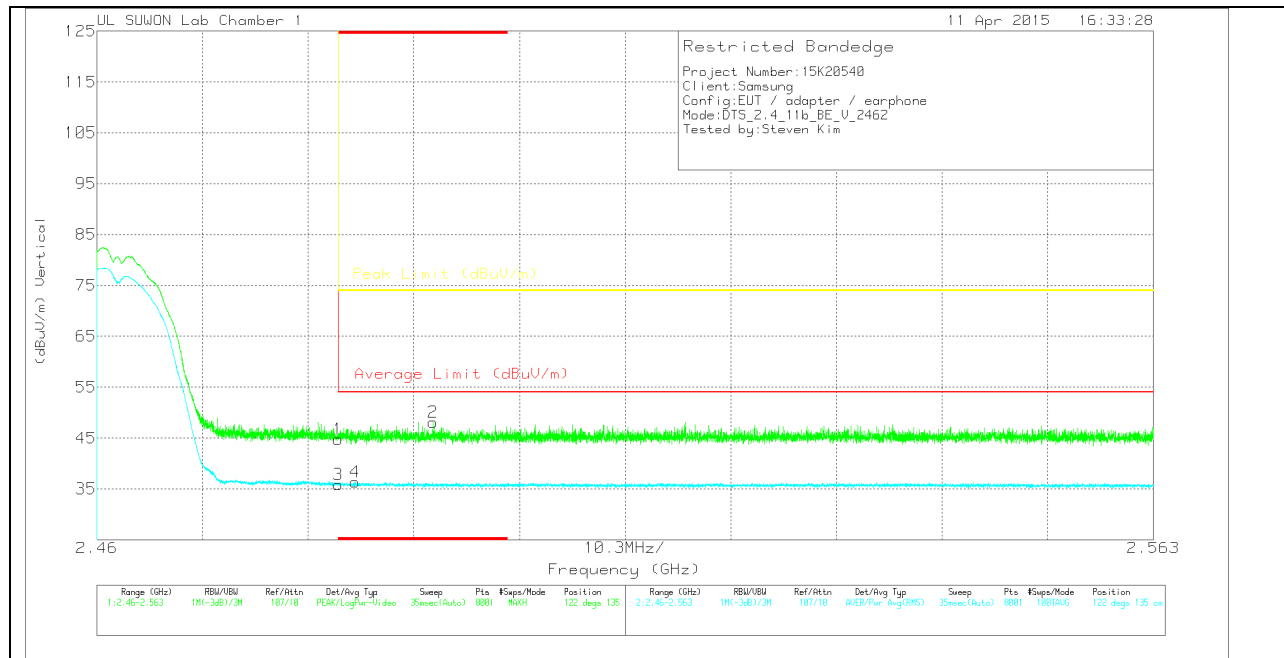
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	31150 Factor	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	47.07	Pk	27.9	-22.6	0	52.37	-	-	74	-21.63	122	141	H
2	* 2.484	59.01	Pk	27.9	-22.6	0	64.31	-	-	74	-9.69	122	141	H
3	* 2.484	41.14	RMS	27.9	-22.6	0	46.44	54	-7.56	-	-	122	141	H
4	* 2.484	40.75	RMS	27.9	-22.6	0	46.05	54	-7.95	-	-	122	141	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	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	39.41	Pk	27.9	-22.6	0	44.71	-	-	74	-29.29	122	135	V
2	* 2.493	42.77	Pk	27.9	-22.6	0	48.07	-	-	74	-25.93	122	135	V
3	* 2.484	30.5	RMS	27.9	-22.6	0	35.8	54	-18.2	-	-	122	135	V
4	* 2.485	31.05	RMS	27.9	-22.6	0	36.35	54	-17.65	-	-	122	135	V

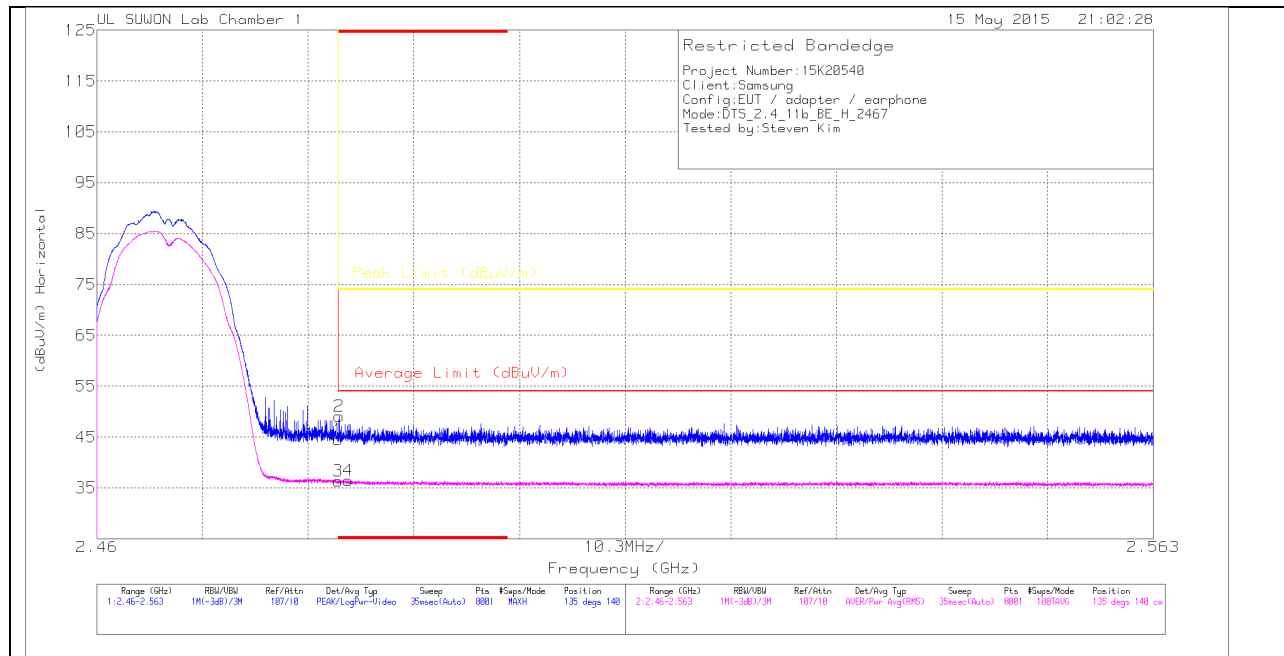
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (12 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

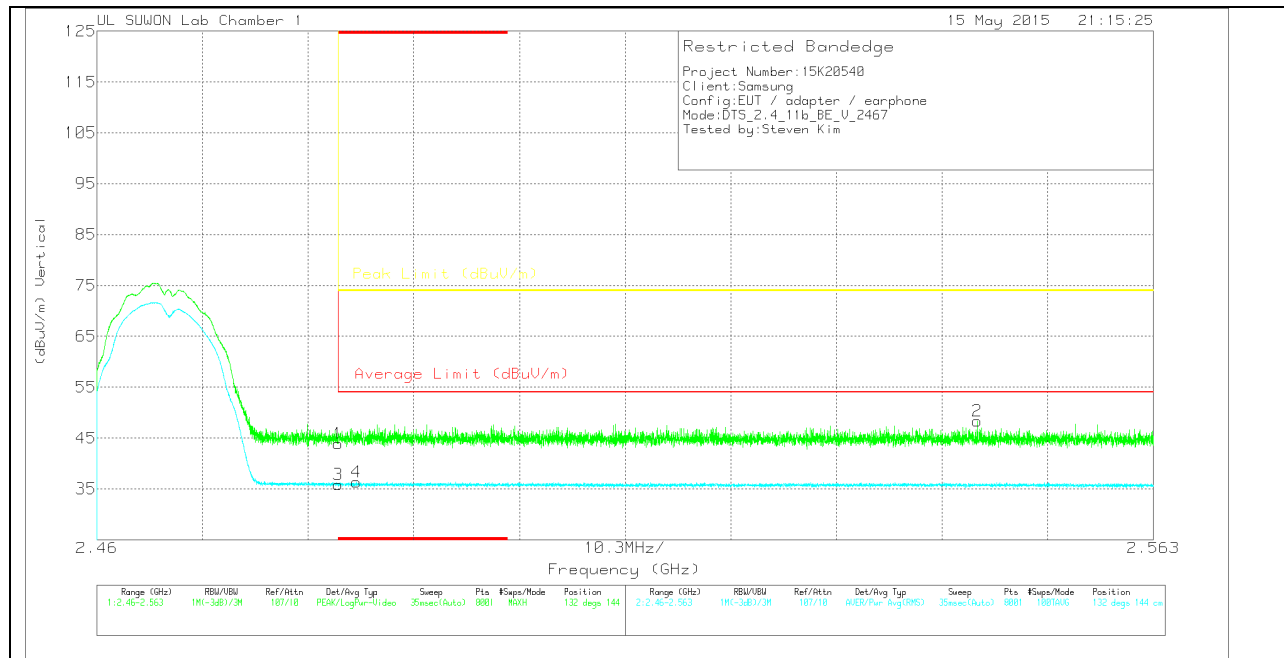
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	39.22	Pk	27.9	-22.6	0	44.52	-	-	74	-29.48	135	140	H
2	* 2.484	43.74	Pk	27.9	-22.6	0	49.04	-	-	74	-24.96	135	140	H
3	* 2.484	31.06	RMS	27.9	-22.6	0	36.36	54	-17.64	-	-	135	140	H
4	* 2.484	31.22	RMS	27.9	-22.6	0	36.52	54	-17.48	-	-	135	140	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	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	38.56	Pk	27.9	-22.6	0	43.86	-	-	74	-30.14	132	144	V
2	2.546	43.03	Pk	27.9	-22.6	0	48.33	-	-	74	-25.67	132	144	V
3	* 2.484	30.6	RMS	27.9	-22.6	0	35.9	54	-18.1	-	-	132	144	V
4	* 2.485	31.1	RMS	27.9	-22.6	0	36.4	54	-17.6	-	-	132	144	V

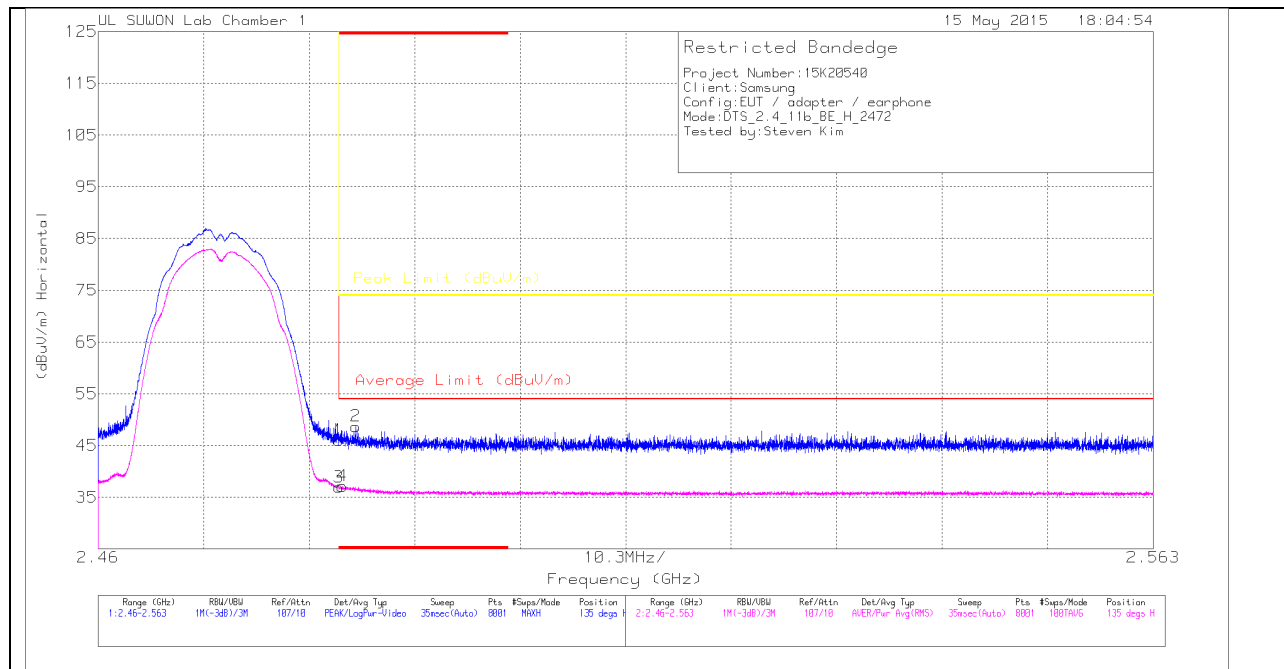
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (13 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

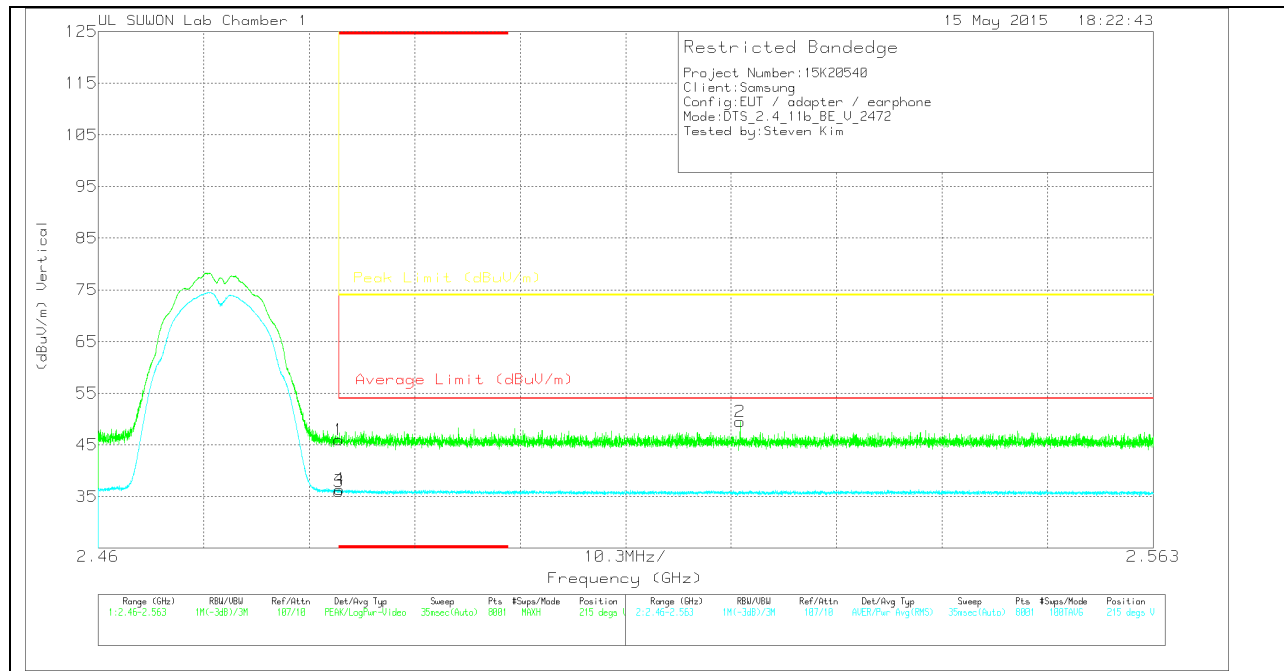
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.74	Pk	27.9	-22.6	0	46.04	-	-	74	-27.96	135	137	H
2	* 2.485	43.42	Pk	27.9	-22.6	0	48.72	-	-	74	-25.28	135	137	H
3	* 2.484	31.68	RMS	27.9	-22.6	0	36.98	54	-17.02	-	-	135	137	H
4	* 2.484	31.86	RMS	27.9	-22.6	0	37.16	54	-16.84	-	-	135	137	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	31150 Factor	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	40.68	Pk	27.9	-22.6	0	45.98	-	-	74	-28.02	215	317	V
2	2.523	44.22	Pk	27.9	-22.6	0	49.52	-	-	74	-24.48	215	317	V
3	* 2.484	30.74	RMS	27.9	-22.6	0	36.04	54	-17.96	-	-	215	317	V
4	* 2.484	31.12	RMS	27.9	-22.6	0	36.42	54	-17.58	-	-	215	317	V

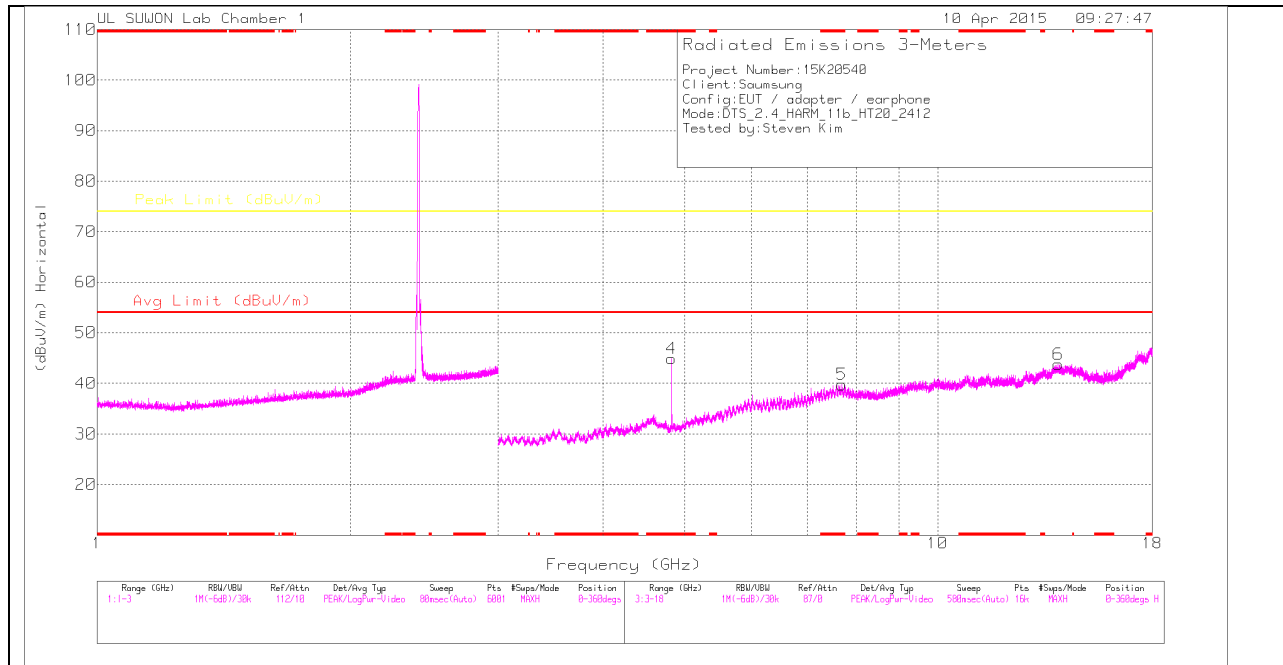
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

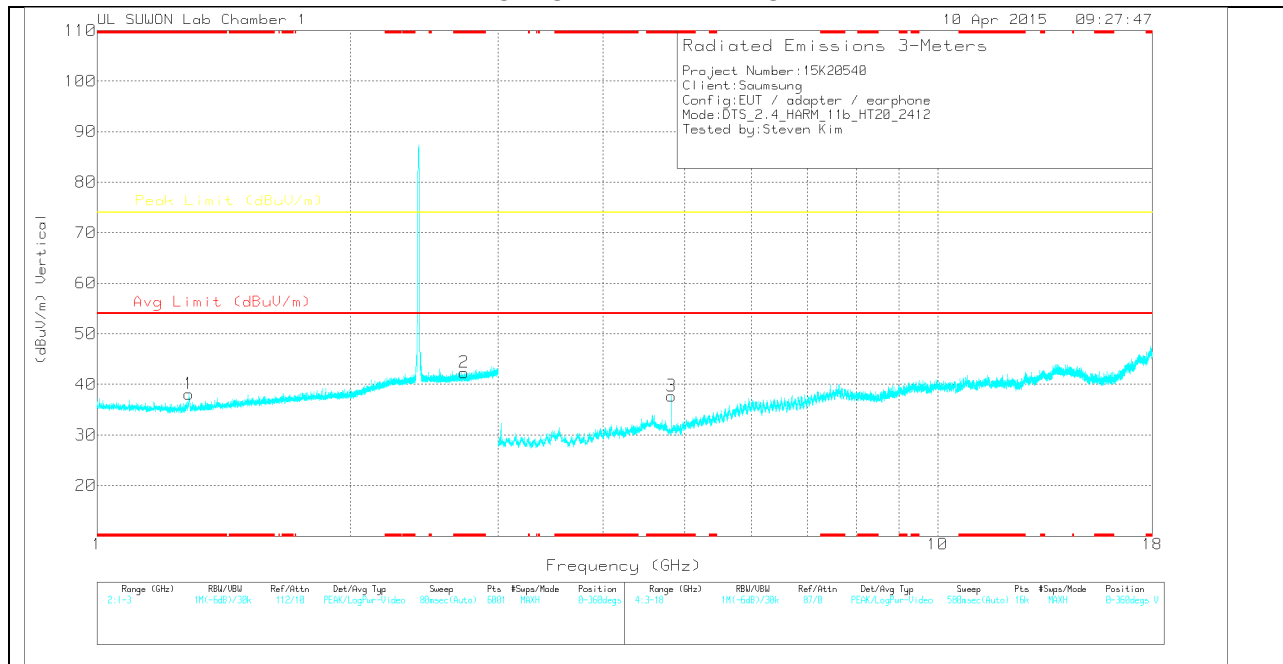
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 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	3115D Factor	Path_2_10dB	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	* 1.285	39.12	PK	23.7	-24.7	0	38.12	-	-	74	-35.88	0-360	100	V
2	* 2.733	36.65	PK	27.9	-22.2	0	42.35	-	-	74	-31.65	0-360	200	V
4	* 4.824	42.59	PK	31.9	-29.6	0	44.89	-	-	74	-29.11	0-360	100	H
5	* 7.695	27.06	PK	37.2	-24.5	0	39.76	-	-	74	-34.24	0-360	100	H
6	13.913	24.48	PK	40.9	-21.6	0	43.78	-	-	-	-	0-360	200	H
3	* 4.823	35.41	PK	31.9	-29.6	0	37.71	-	-	74	-36.29	0-360	100	V

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

PK – Peak Detector

Radiated Emissions

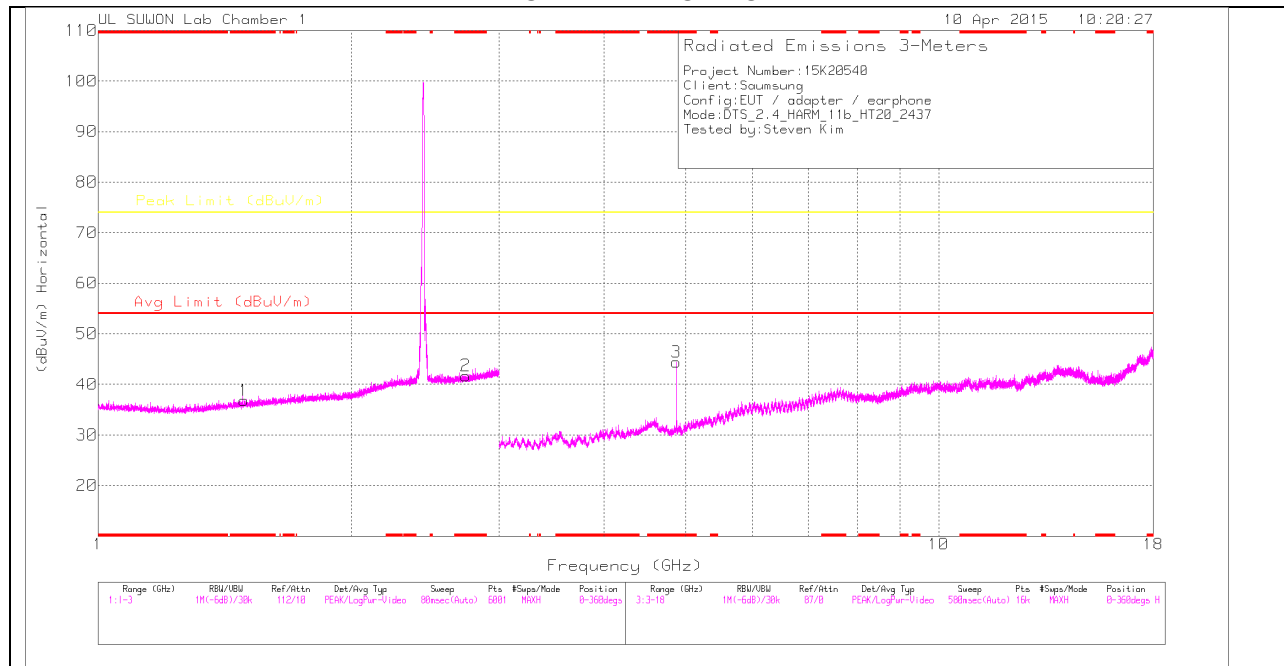
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_3_3 GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.824	47.6	PK2	31.9	-29.6	0	49.9	-	-	74	-24.1	56	102	H
* 4.824	42.9	MAV1	31.9	-29.6	0	45.2	54	-8.8	-	-	56	102	H
* 4.824	42.57	PK2	31.9	-29.6	0	44.87	-	-	74	-29.13	140	101	V
* 4.824	34.56	MAV1	31.9	-29.6	0	36.86	54	-17.14	-	-	140	101	V

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

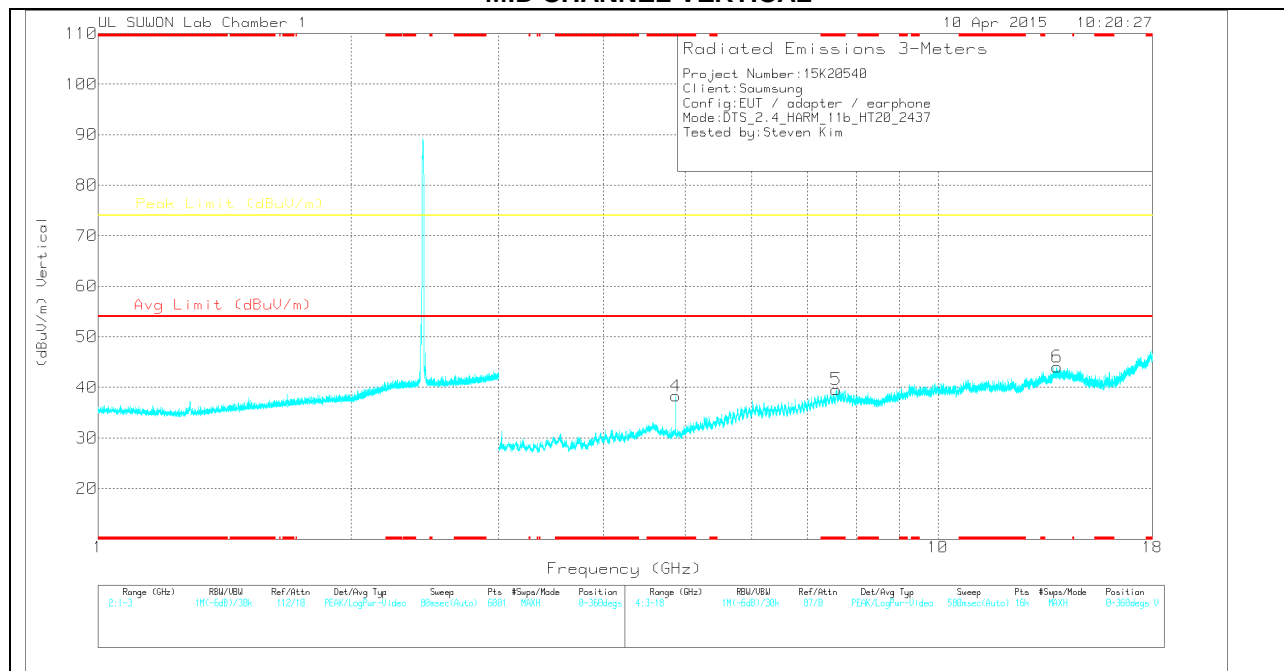
PK2 - KDB558074 Method: Maximum Peak

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	3115D Factor	Path_2_10dB	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	* 1.491	36.61	PK	24.6	-24.4	0	36.81	-	-	74	-37.19	0-360	101	H
2	* 2.737	36.01	PK	27.9	-22.2	0	41.71	-	-	74	-32.29	0-360	200	H
3	* 4.874	41.58	PK	32	-29.2	0	44.38	-	-	74	-29.62	0-360	100	H
4	* 4.874	35.5	PK	32	-29.2	0	38.3	-	-	74	-35.7	0-360	100	V
5	* 7.565	27.18	PK	37.3	-24.9	0	39.58	-	-	74	-34.42	0-360	200	V
6	13.865	24.56	PK	40.8	-21.3	0	44.06	-	-	-	-	0-360	200	V

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

PK – Peak Detector

Radiated Emissions

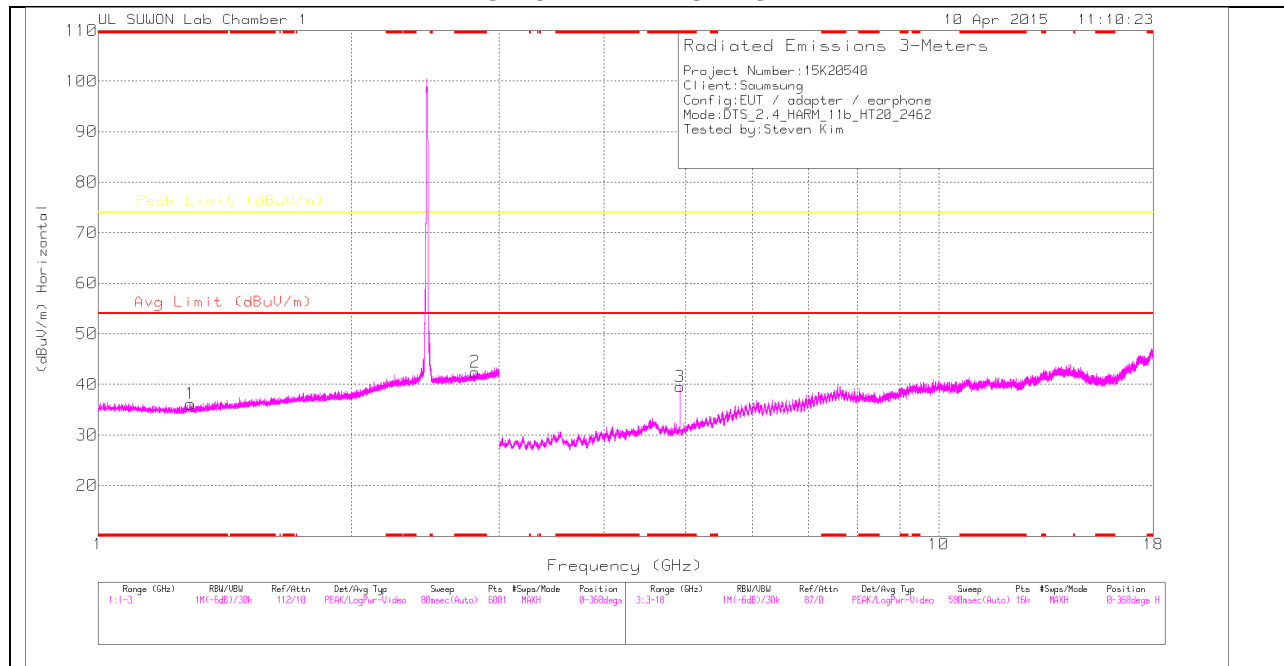
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_3_3 GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.874	45.87	PK2	32	-29.2	0	48.67	-	-	74	-25.33	54	102	H
* 4.874	41.92	MAV1	32	-29.2	0	44.72	54	-9.28	-	-	54	102	H
* 4.874	41.3	PK2	32	-29.2	0	44.1	-	-	74	-29.9	149	100	V
* 4.874	35.25	MAV1	32	-29.2	0	38.05	54	-15.95	-	-	149	100	V

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

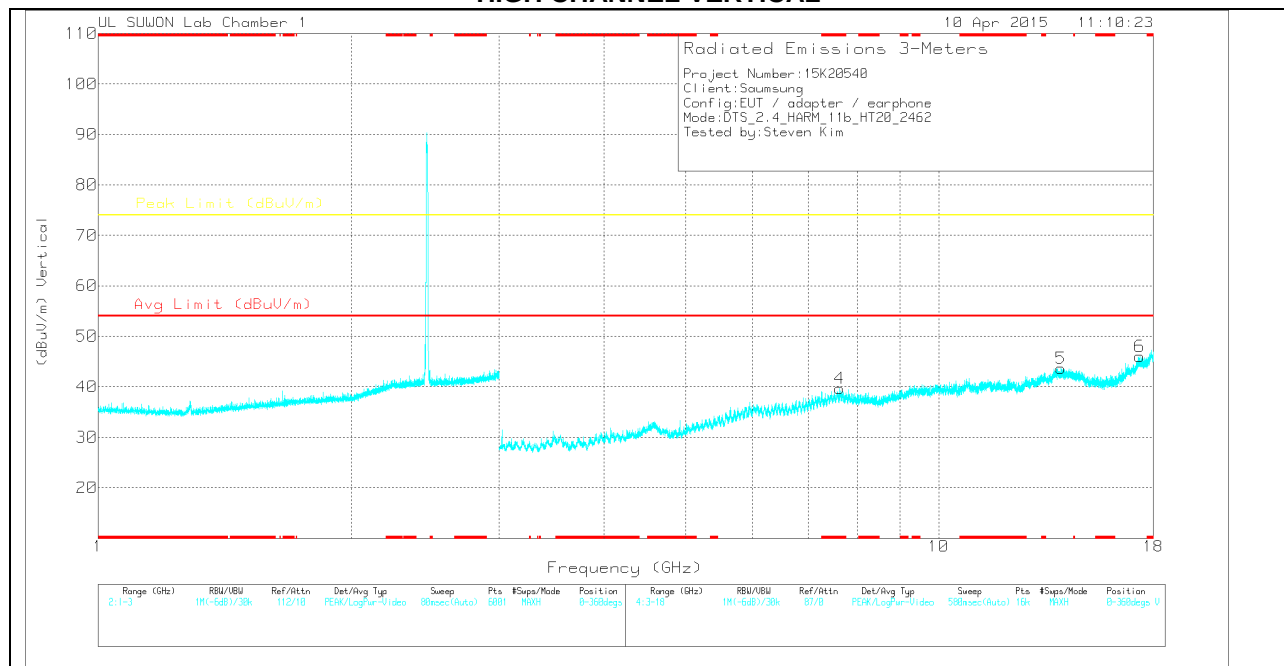
PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

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	3115D Factor	Path_2_10dB	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	* 1.288	37.05	PK	23.8	-24.7	0	36.15	-	-	74	-37.85	0-360	100	H
2	* 2.809	36.55	PK	28.1	-22.2	0	42.45	-	-	74	-31.55	0-360	200	H
3	* 4.924	36.44	PK	32.1	-29	0	39.54	-	-	74	-34.46	0-360	100	H
4	* 7.624	27.05	PK	37.3	-24.7	0	39.65	-	-	74	-34.35	0-360	100	V
5	13.972	24.72	PK	40.9	-22	0	43.62	-	-	-	-	0-360	100	V
6	17.344	19.82	PK	41.7	-15.5	0	46.02	-	-	-	-	0-360	100	V

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

PK – Peak Detector

Radiated Emissions

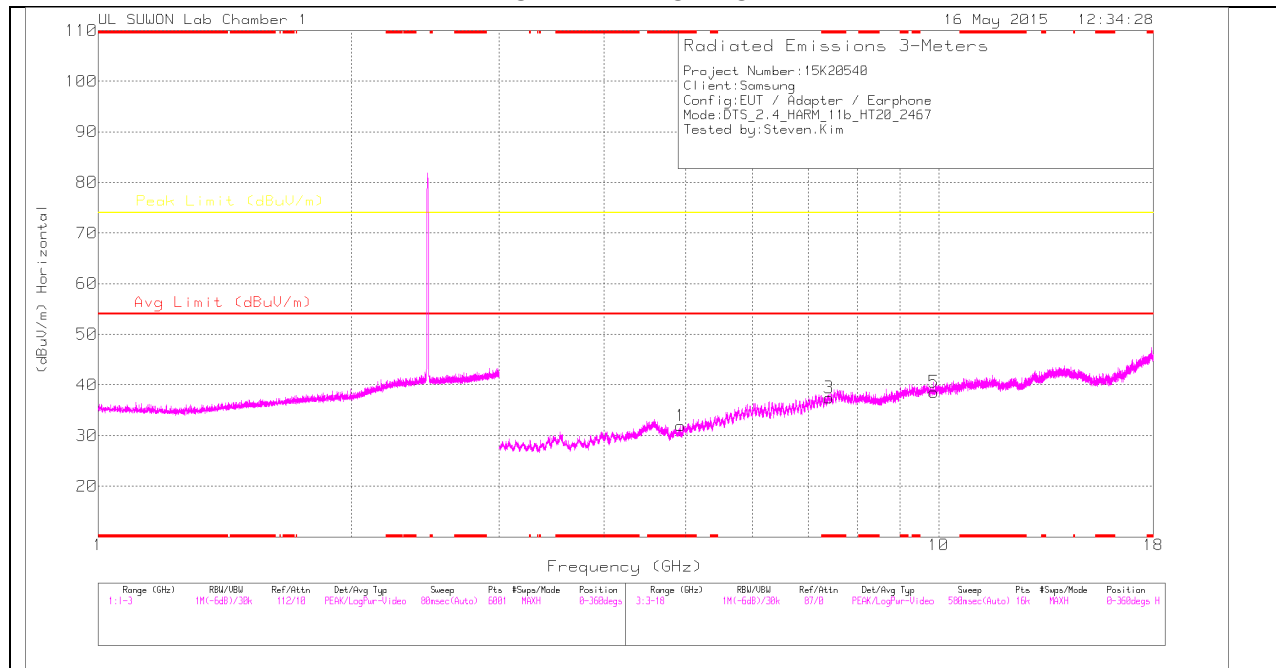
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_3_3 GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.924	42.09	PK2	32.1	-29	0	45.19	-	-	74	-28.81	55	103	H
* 4.924	36.95	MAV1	32.1	-29	0	40.05	54	-13.95	-	-	55	103	H
* 4.874	41.3	PK2	32	-29.2	0	44.1	-	-	74	-29.9	149	100	V
* 4.874	35.25	MAV1	32	-29.2	0	38.05	54	-15.95	-	-	149	100	V

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

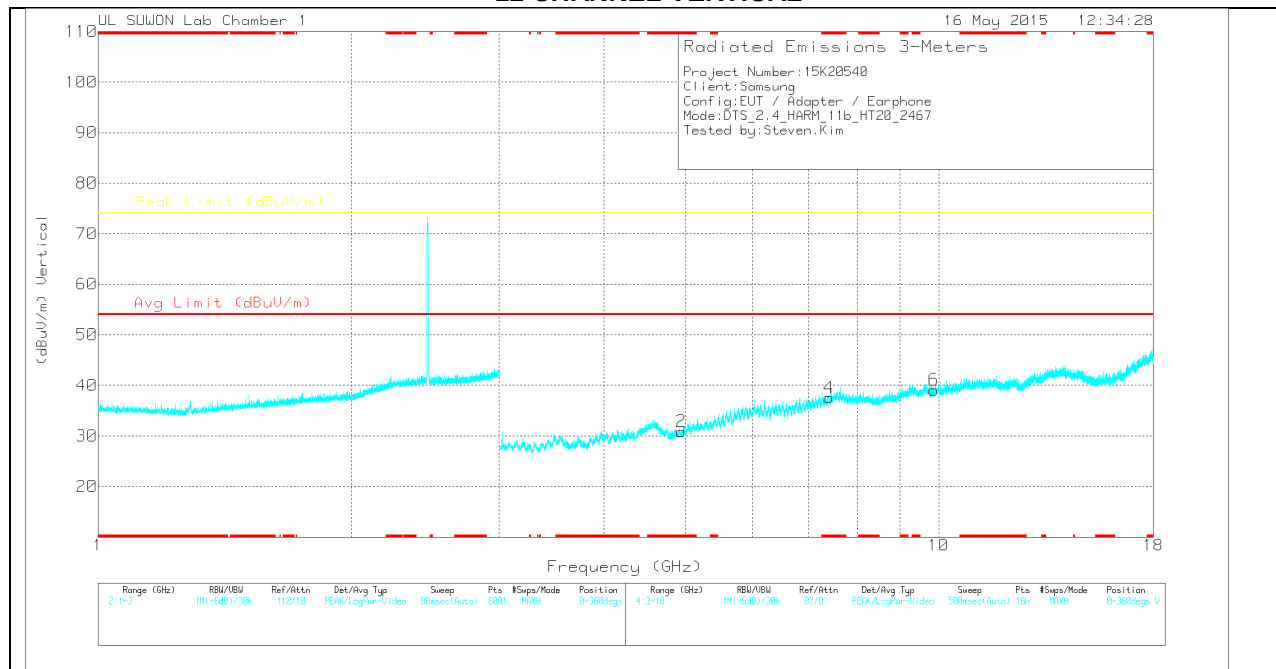
PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

12 CHANNEL HORIZONTAL



12 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.

12 CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_3_3GHP	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	* 4.933	28.83	Avg	32.1	-29	0	31.93	-	-	74	-42.07	0-360	200	H
3	* 7.401	25.15	Avg	37.3	-25	0	37.45	-	-	74	-36.55	0-360	200	H
5	9.868	21.97	Avg	37.8	-21.2	0	38.57	-	-	-	-	0-360	200	H
2	* 4.938	27.79	Avg	32.1	-29	0	30.89	-	-	74	-43.11	0-360	200	V
4	* 7.403	25.26	Avg	37.3	-25	0	37.56	-	-	74	-36.44	0-360	100	V
6	9.867	22.6	Avg	37.8	-21.3	0	39.1	-	-	-	-	0-360	200	V

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

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

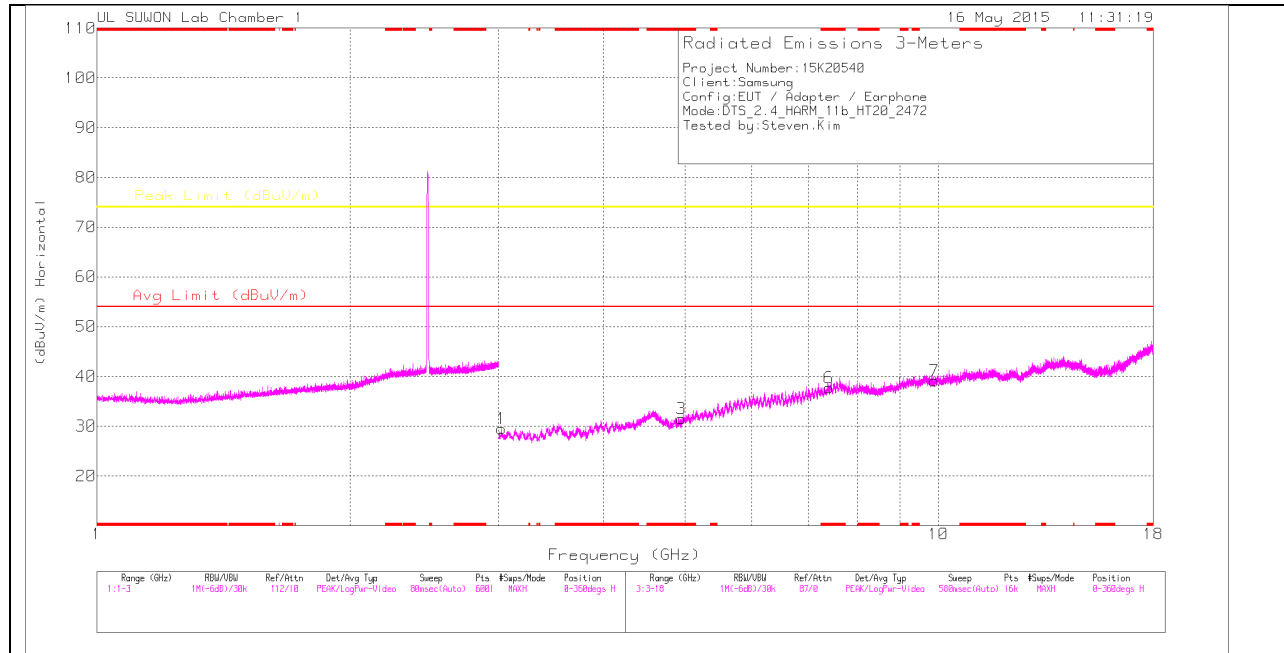
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_3_3 GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.403	36.34	PK2	37.3	-25	0	48.64	-	-	74	-25.36	349	272	V
* 7.402	24.28	MAv1	37.3	-25	0	36.58	54	-17.42	-	-	349	272	V

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

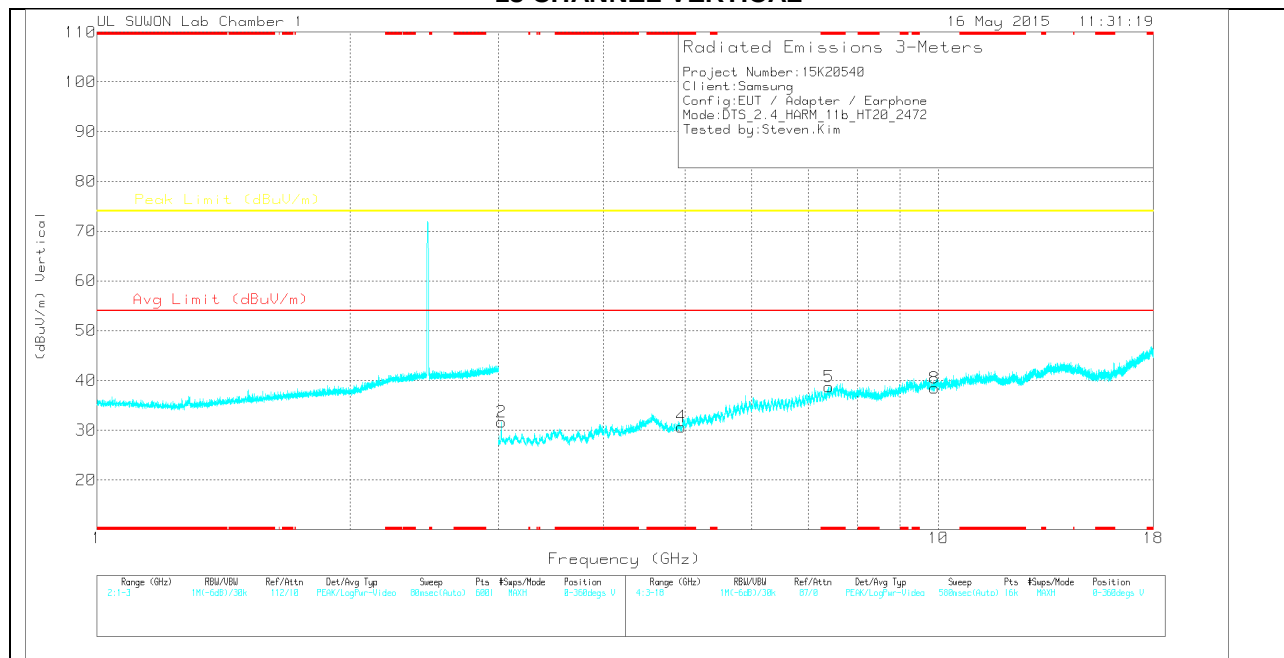
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

13 CHANNEL HORIZONTAL



13 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.

13 CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_3_3GHP	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	3.023	31.76	PK	28.8	-31.1	0	29.46	-	-	-	-	0-360	200	H
3	* 4.943	28.44	PK	32.1	-29	0	31.54	-	-	74	-42.46	0-360	100	H
6	* 7.415	25.3	PK	37.3	-24.9	0	37.7	-	-	74	-36.3	0-360	100	H
7	9.889	22.14	PK	37.8	-20.8	0	39.14	-	-	-	-	0-360	100	H
2	3.023	33.93	PK	28.8	-31.1	0	31.63	-	-	-	-	0-360	200	V
4	* 4.944	27.59	PK	32.1	-29	0	30.69	-	-	74	-43.31	0-360	100	V
5	* 7.414	26.3	PK	37.3	-24.9	0	38.7	-	-	74	-35.3	0-360	100	V
8	9.889	21.42	PK	37.8	-20.8	0	38.42	-	-	-	-	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	3115D Factor	Path_3_3 GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3.024	42.44	PK2	28.8	-31.1	0	40.14	-	-	-	-	283	198	V
3.024	33.29	MAv1	28.8	-31.1	0	30.99	-	-	-	-	283	198	V

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

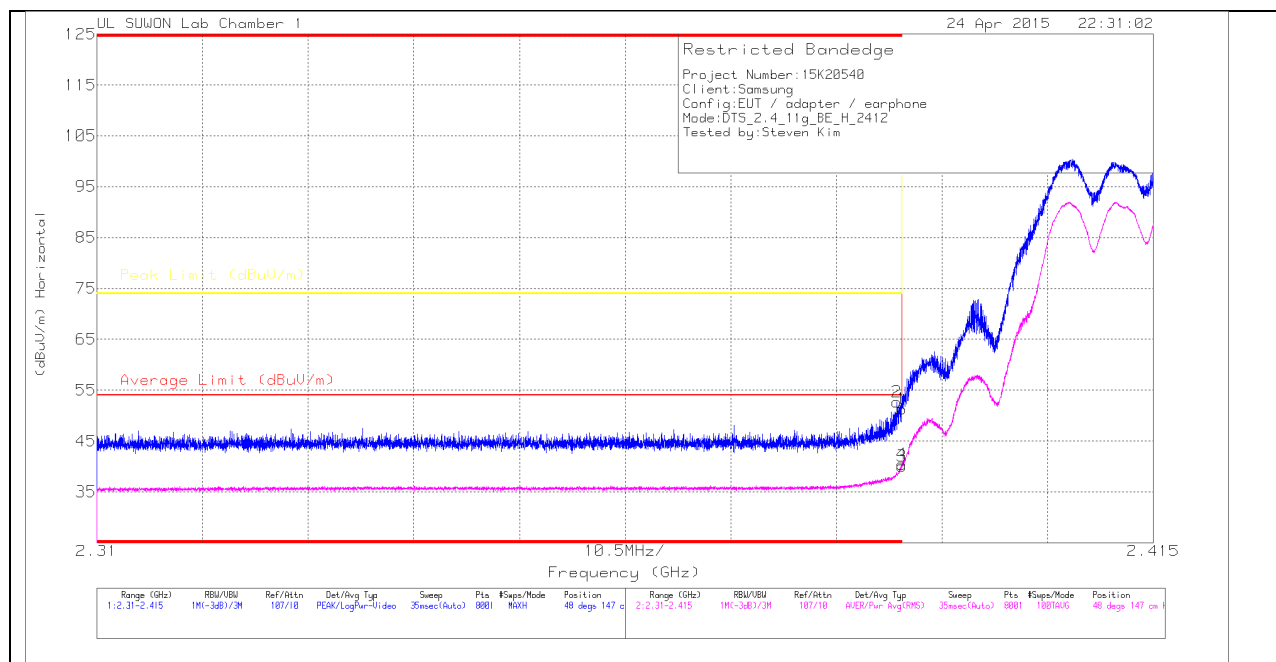
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

11.2.2. TX ABOVE 1 GHz 802.11g MODE IN THE 2.4 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

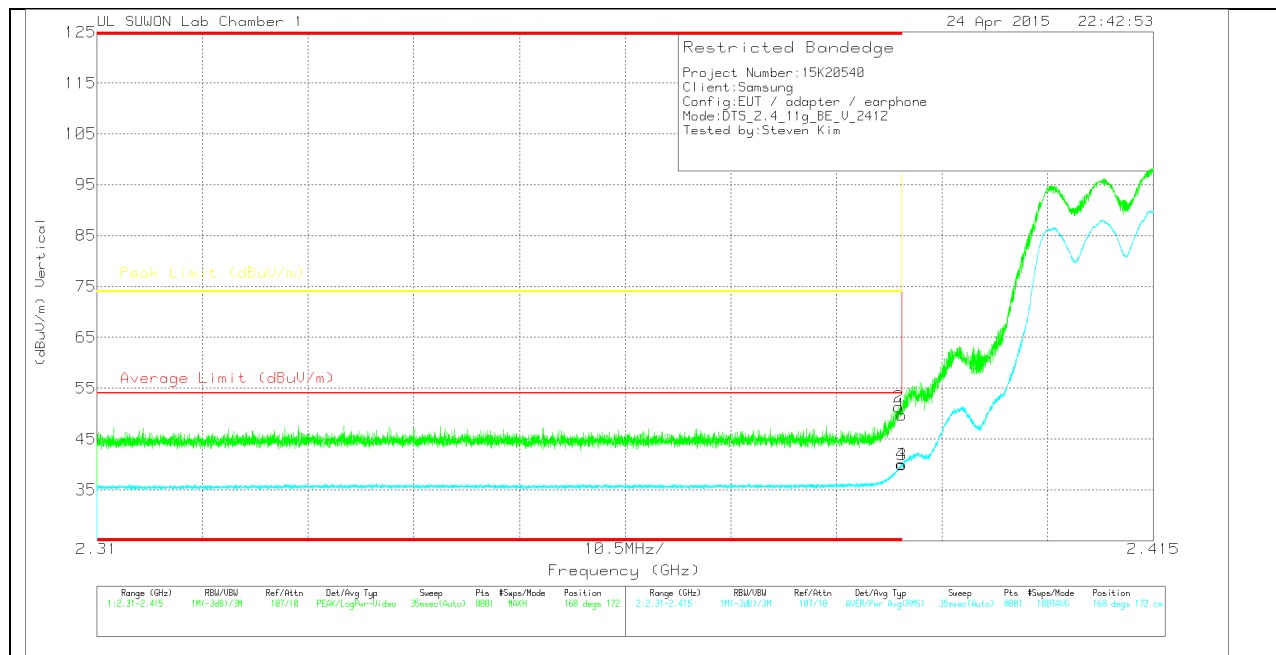
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	31150 Factor	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	46.21	Pk	27.9	-22.8	0	51.31	-	-	74	-22.69	48	147	H
2	* 2.389	47.63	Pk	27.9	-22.8	0	52.73	-	-	74	-21.27	48	147	H
3	* 2.39	34.66	RMS	27.9	-22.8	.31	40.07	54	-13.93	-	-	48	147	H
4	* 2.39	35.02	RMS	27.9	-22.8	.31	40.43	54	-13.57	-	-	48	147	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	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	44.67	Pk	27.9	-22.8	0	49.77	-	-	74	-24.23	168	172	V
2	* 2.39	46.24	PK	27.9	-22.8	0	51.34	-	-	74	-22.66	168	172	V
3	* 2.39	34.53	RMS	27.9	-22.8	.31	39.94	54	-14.06	-	-	168	172	V
4	* 2.39	34.62	RMS	27.9	-22.8	.31	40.03	54	-13.97	-	-	168	172	V

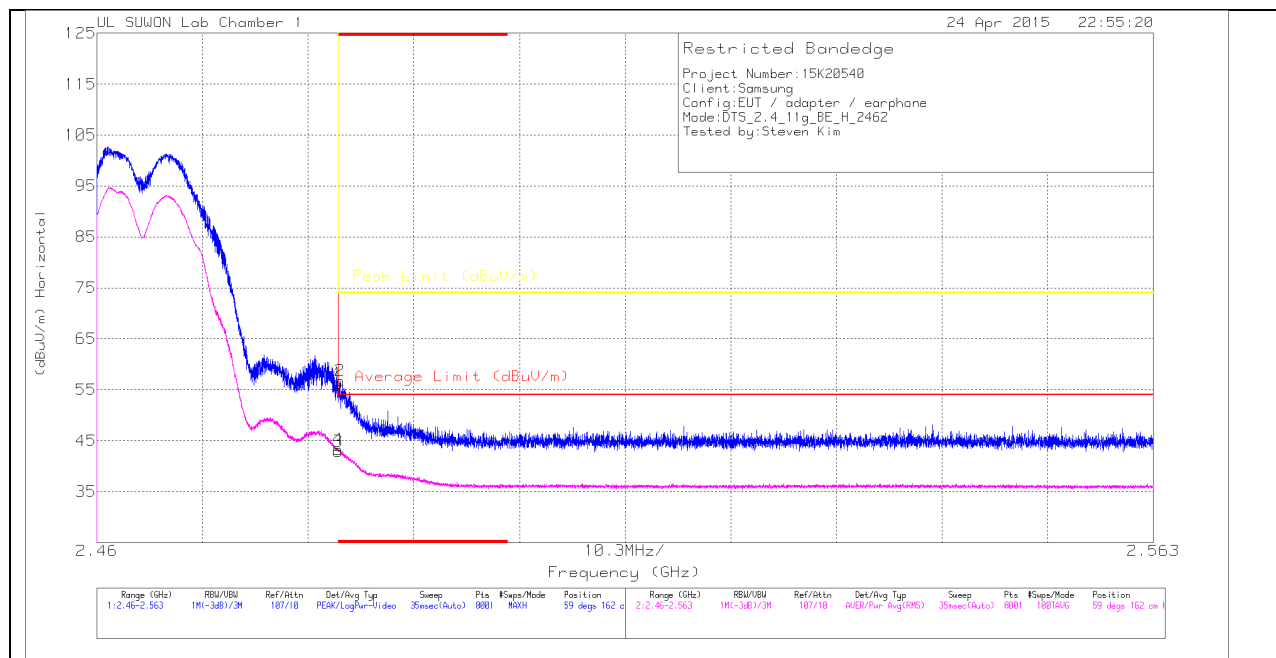
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

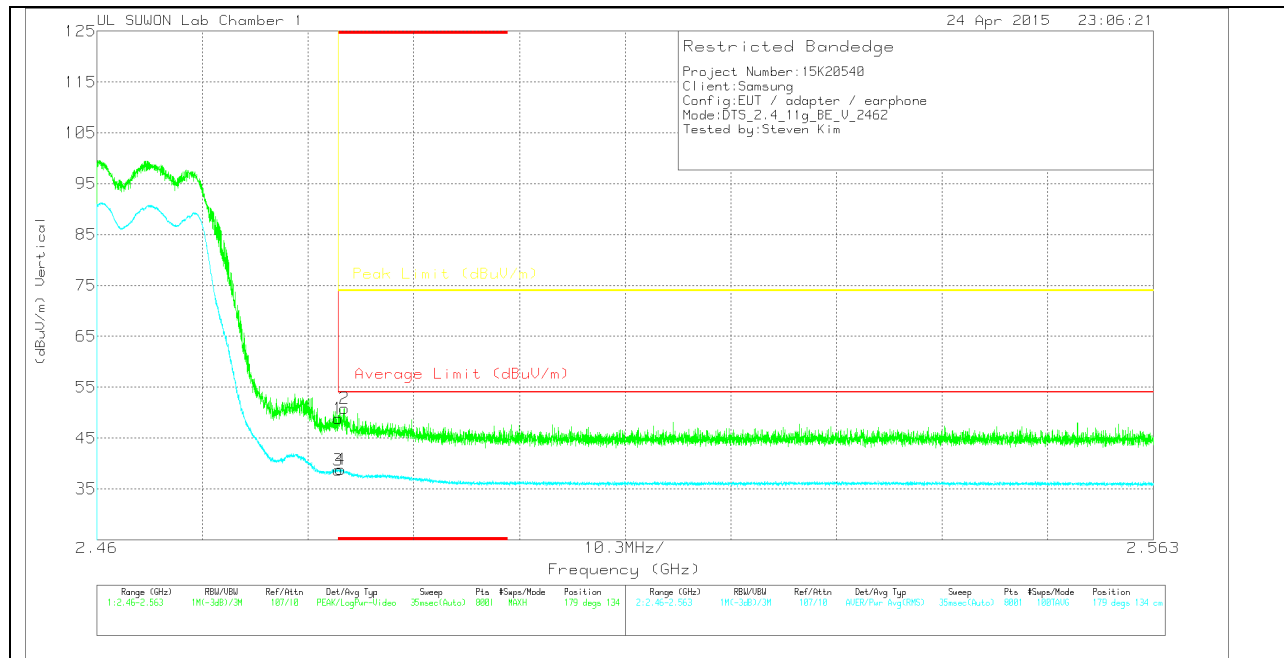
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	31150 Factor	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	50.99	Pk	27.9	-22.6	0	56.29	-	-	74	-17.71	59	162	H
2	* 2.484	51.41	Pk	27.9	-22.6	0	56.71	-	-	74	-17.29	59	162	H
3	* 2.484	37.29	RMS	27.9	-22.6	.31	42.9	54	-11.1	-	-	59	162	H
4	* 2.484	37.61	RMS	27.9	-22.6	.31	43.22	54	-10.78	-	-	59	162	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	31150 Factor	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	43.57	Pk	27.9	-22.6	0	48.87	-	-	74	-25.13	179	134	V
2	* 2.484	45.56	Pk	27.9	-22.6	0	50.86	-	-	74	-23.14	179	134	V
3	* 2.484	33.04	RMS	27.9	-22.6	.31	38.65	54	-15.35	-	-	179	134	V
4	* 2.484	33.2	RMS	27.9	-22.6	.31	38.81	54	-15.19	-	-	179	134	V

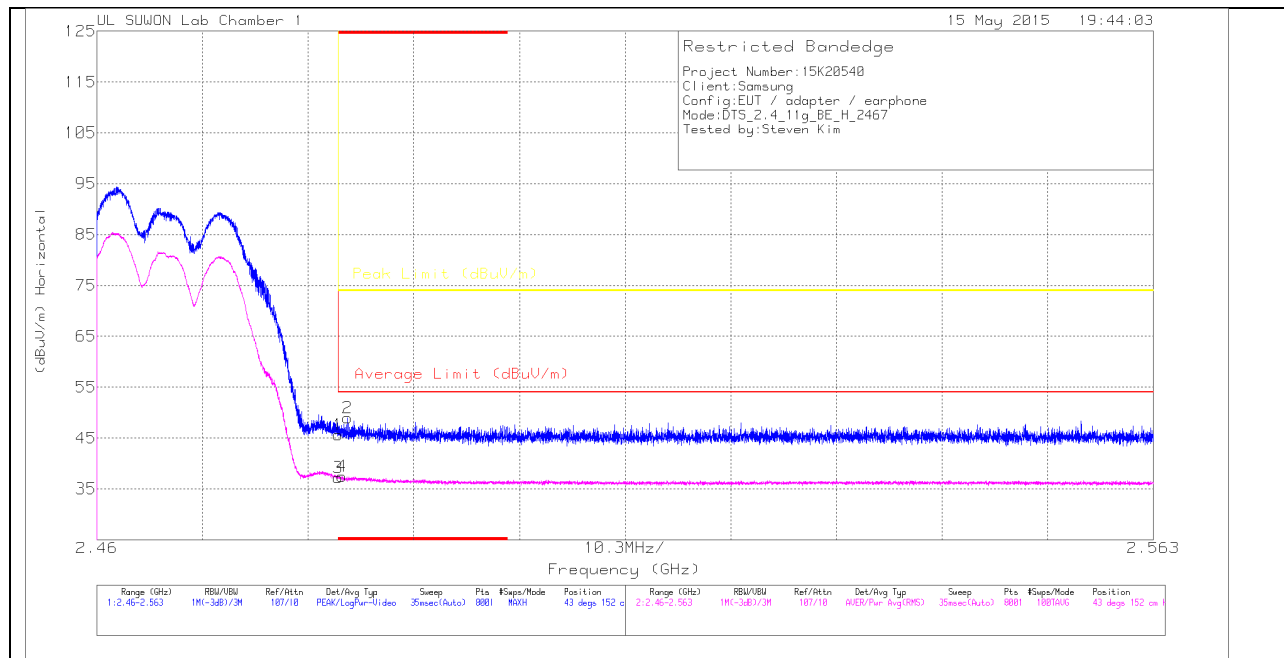
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (12 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

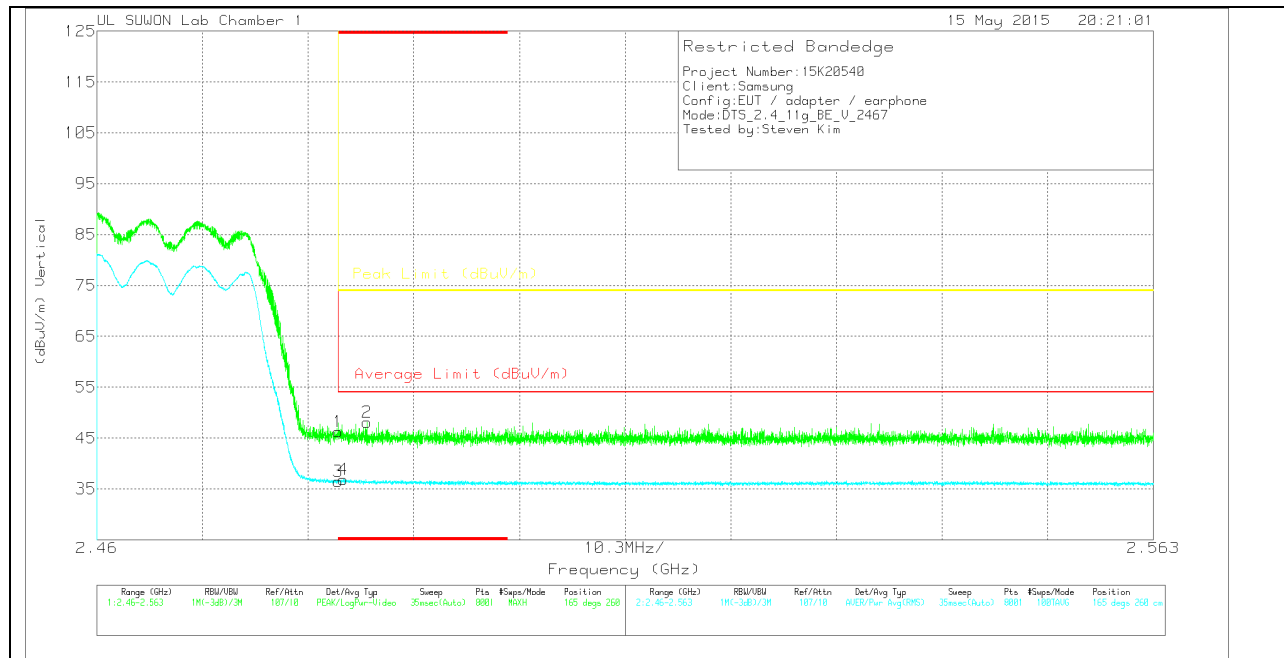
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.35	Pk	27.9	-22.6	0	45.65	-	-	74	-28.35	43	152	H
2	* 2.484	43.66	Pk	27.9	-22.6	0	48.96	-	-	74	-25.04	43	152	H
3	* 2.484	31.59	RMS	27.9	-22.6	.31	37.2	54	-16.8	-	-	43	152	H
4	* 2.484	31.84	RMS	27.9	-22.6	.31	37.45	54	-16.55	-	-	43	152	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_2_10d B	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	40.95	Pk	27.9	-22.6	0	46.25	-	-	74	-27.75	165	260	V
2	* 2.486	42.79	Pk	27.9	-22.6	0	48.09	-	-	74	-25.91	165	260	V
3	* 2.484	30.83	RMS	27.9	-22.6	.31	36.44	54	-17.56	-	-	165	260	V
4	* 2.484	31.26	RMS	27.9	-22.6	.31	36.87	54	-17.13	-	-	165	260	V

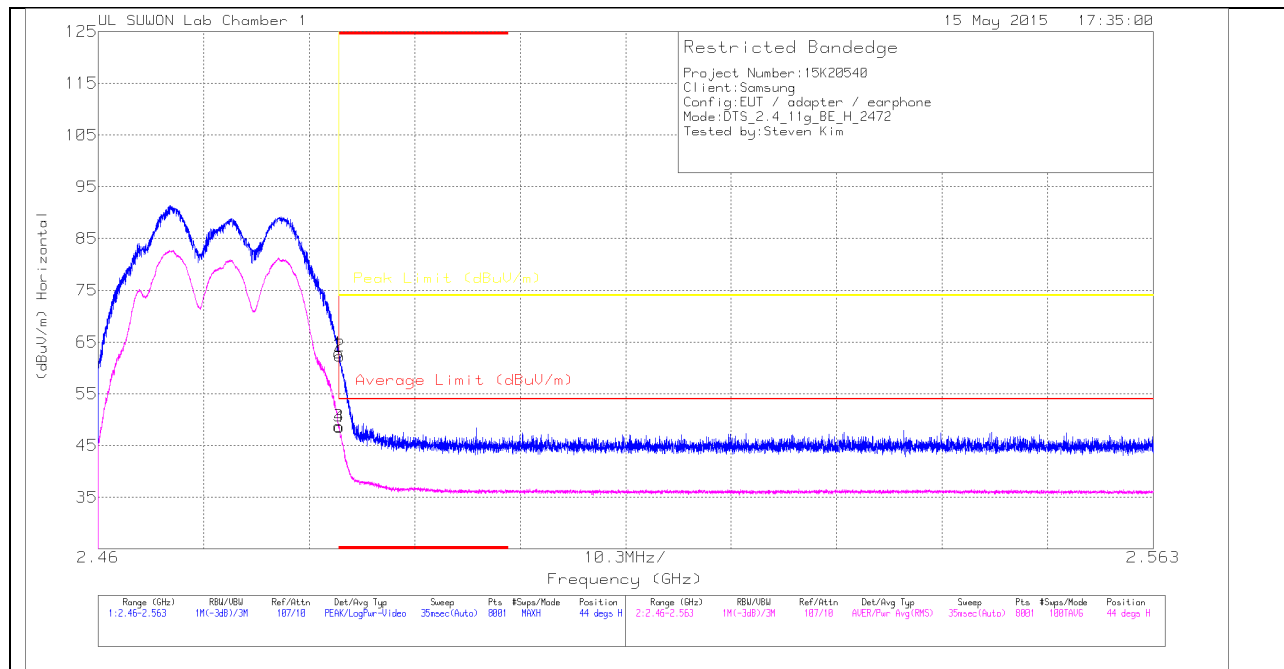
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (13 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

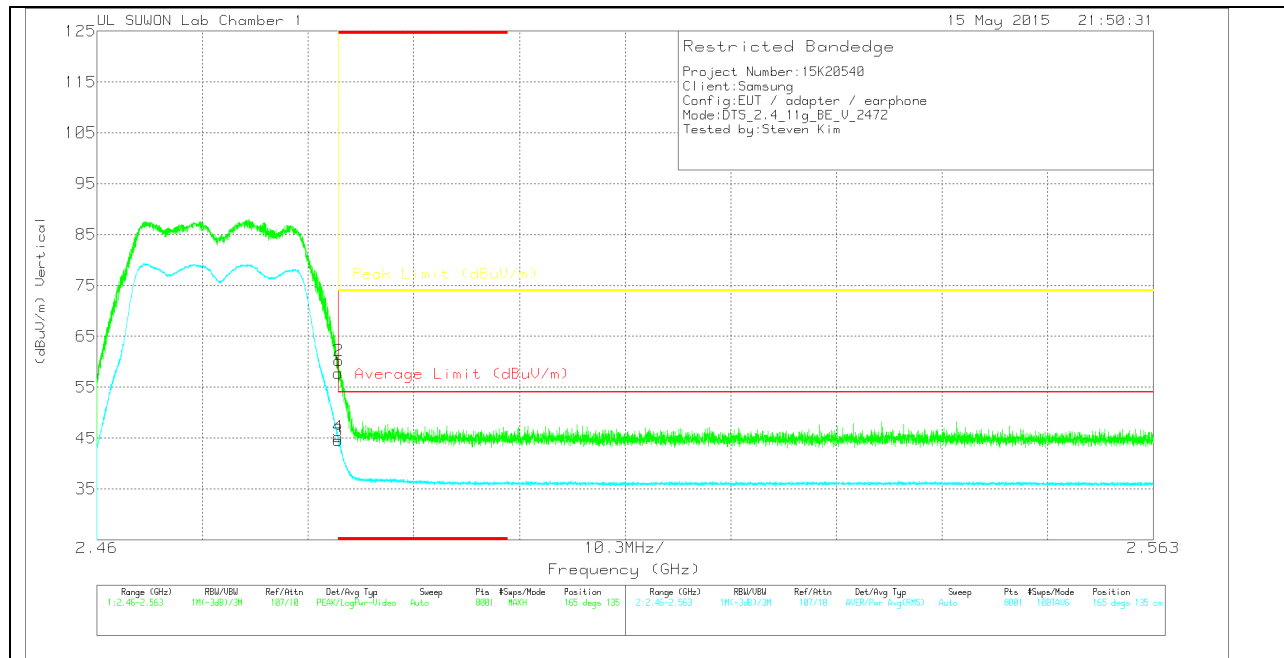
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	57.59	Pk	27.9	-22.6	0	62.89	-	-	74	-11.11	44	128	H
2	* 2.484	57.03	Pk	27.9	-22.6	0	62.33	-	-	74	-11.67	44	128	H
3	* 2.484	43.12	RMS	27.9	-22.6	.31	48.73	54	-5.27	-	-	44	128	H
4	* 2.484	43	RMS	27.9	-22.6	.31	48.61	54	-5.39	-	-	44	128	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	31150 Factor	Path_2_10d B	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	52.4	Pk	27.9	-22.6	0	57.7	-	-	74	-16.3	165	135	V
2	* 2.484	54.93	Pk	27.9	-22.6	0	60.23	-	-	74	-13.77	165	135	V
3	* 2.484	38.86	RMS	27.9	-22.6	.31	44.47	54	-9.53	-	-	165	135	V
4	* 2.484	39.59	RMS	27.9	-22.6	.31	45.2	54	-8.8	-	-	165	135	V

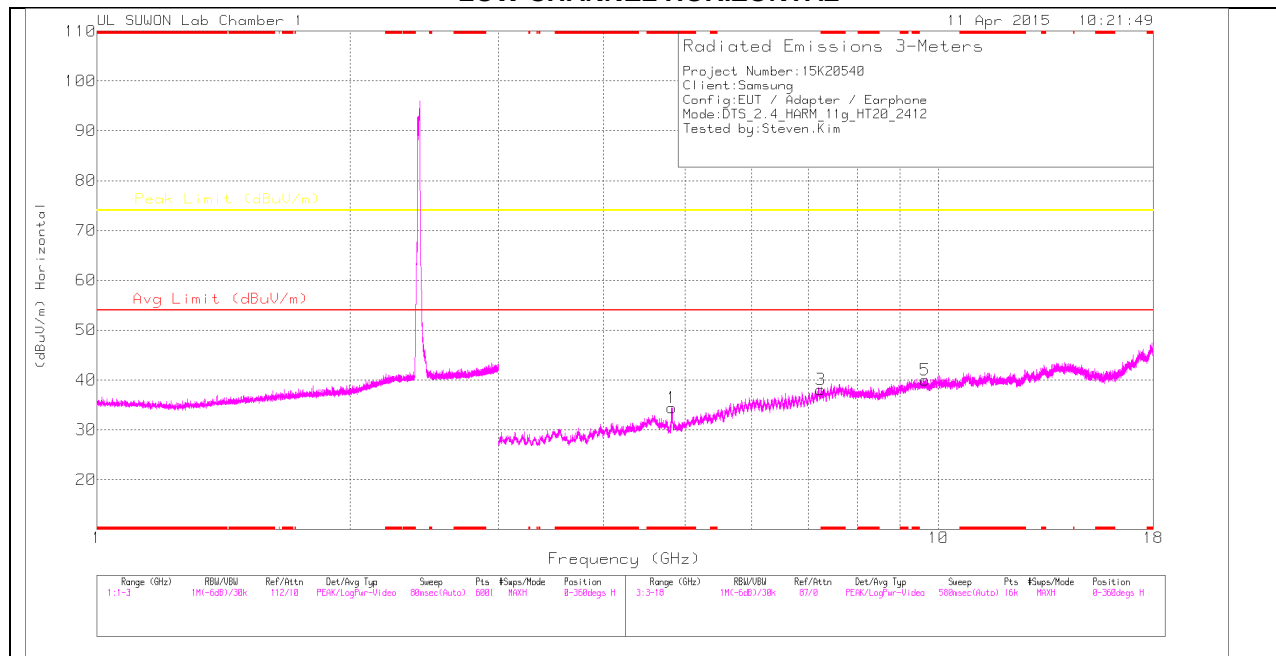
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

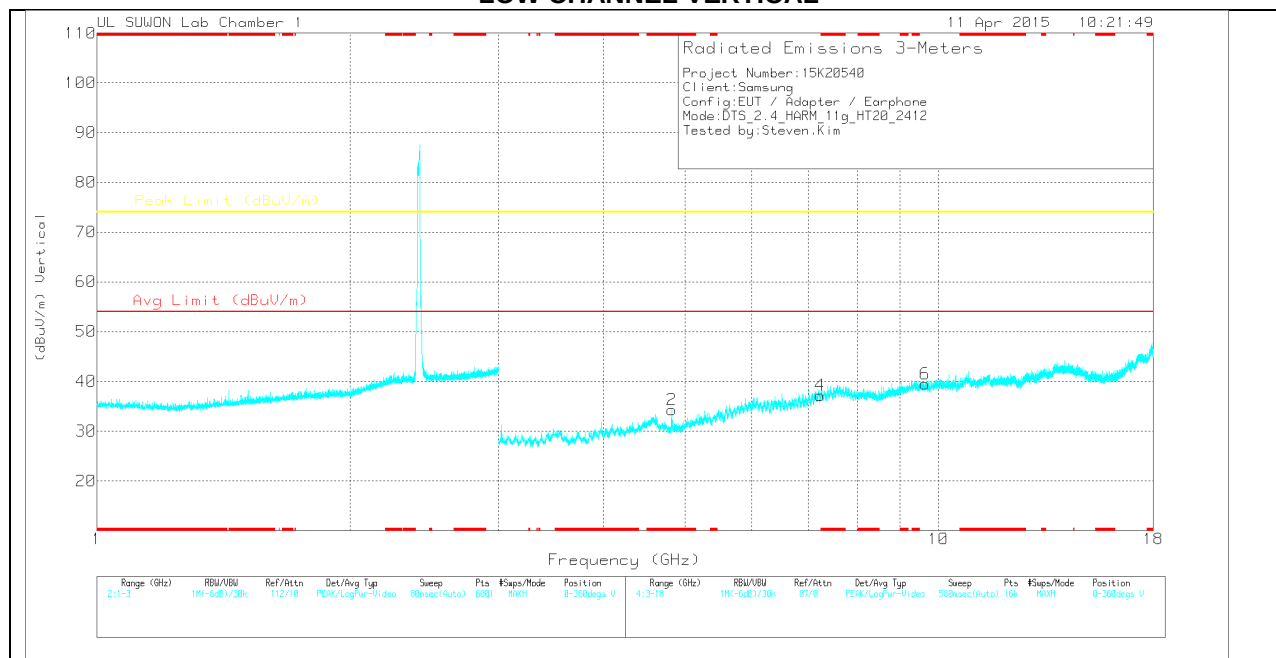
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

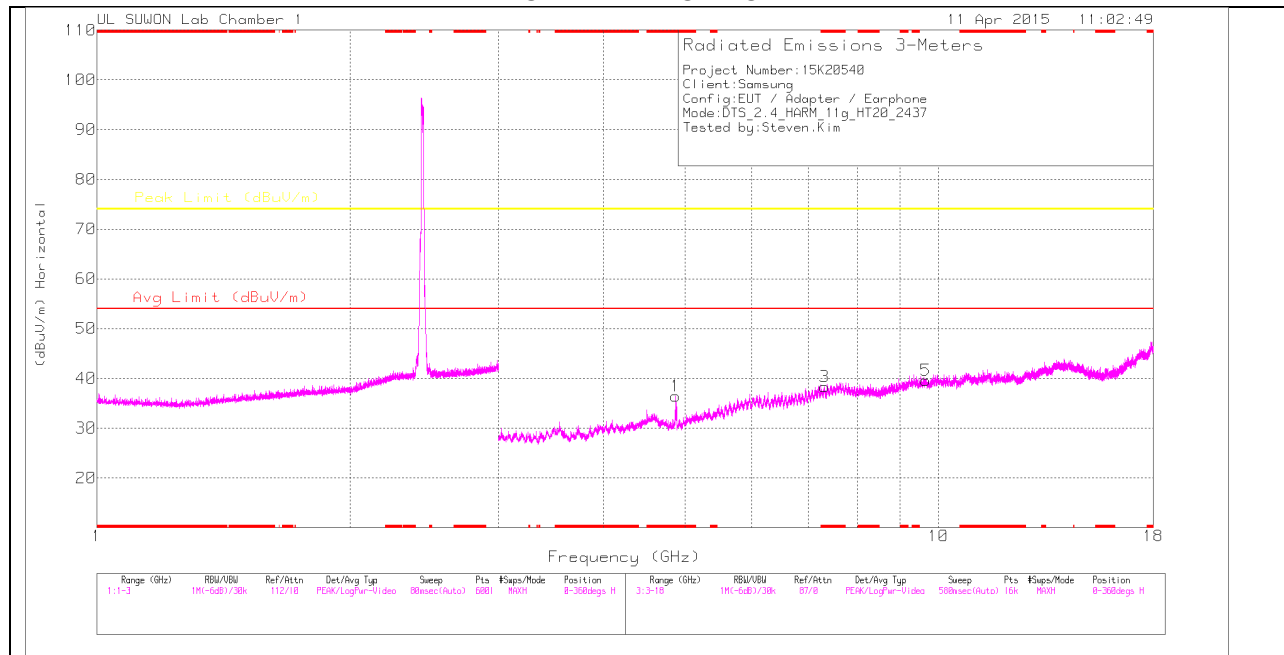
TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_3_3GHP	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	* 4.82	32.1	PK	31.9	-29.6	0	34.4	-	-	74	-39.6	0-360	100	H
3	7.244	26.61	PK	37	-25.5	0	38.11	-	-	-	-	0-360	200	H
5	9.646	23.19	PK	37.6	-20.8	0	39.99	-	-	-	-	0-360	200	H
2	* 4.819	31.98	PK	31.9	-29.6	0	34.28	-	-	74	-39.72	0-360	100	V
4	7.239	25.69	PK	37	-25.5	0	37.19	-	-	-	-	0-360	100	V
6	9.646	22.65	PK	37.6	-20.8	0	39.45	-	-	-	-	0-360	100	V

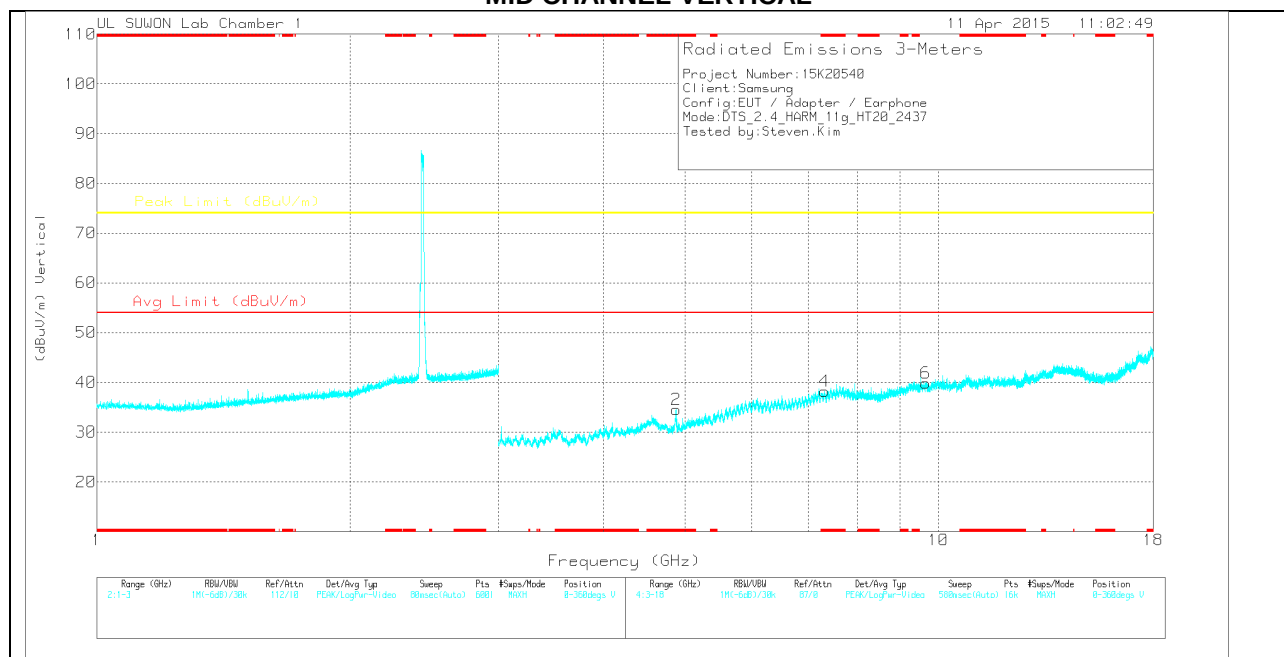
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak Detector

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	3115D Factor	Path_3_3GHP	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	* 4.873	33.61	PK	32	-29.2	0	36.41	-	-	74	-37.59	0-360	100	H
3	* 7.317	26.82	PK	37.1	-25.6	0	38.32	-	-	74	-35.68	0-360	200	H
5	9.652	22.8	PK	37.6	-20.8	0	39.6	-	-	-	-	0-360	200	H
2	* 4.88	31.62	PK	32	-29.1	0	34.52	-	-	74	-39.48	0-360	100	V
4	* 7.321	26.7	PK	37.1	-25.6	0	38.2	-	-	74	-35.8	0-360	100	V
6	9.651	23.11	PK	37.6	-20.8	0	39.91	-	-	-	-	0-360	200	V

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

PK – Peak Detector

Radiated Emissions

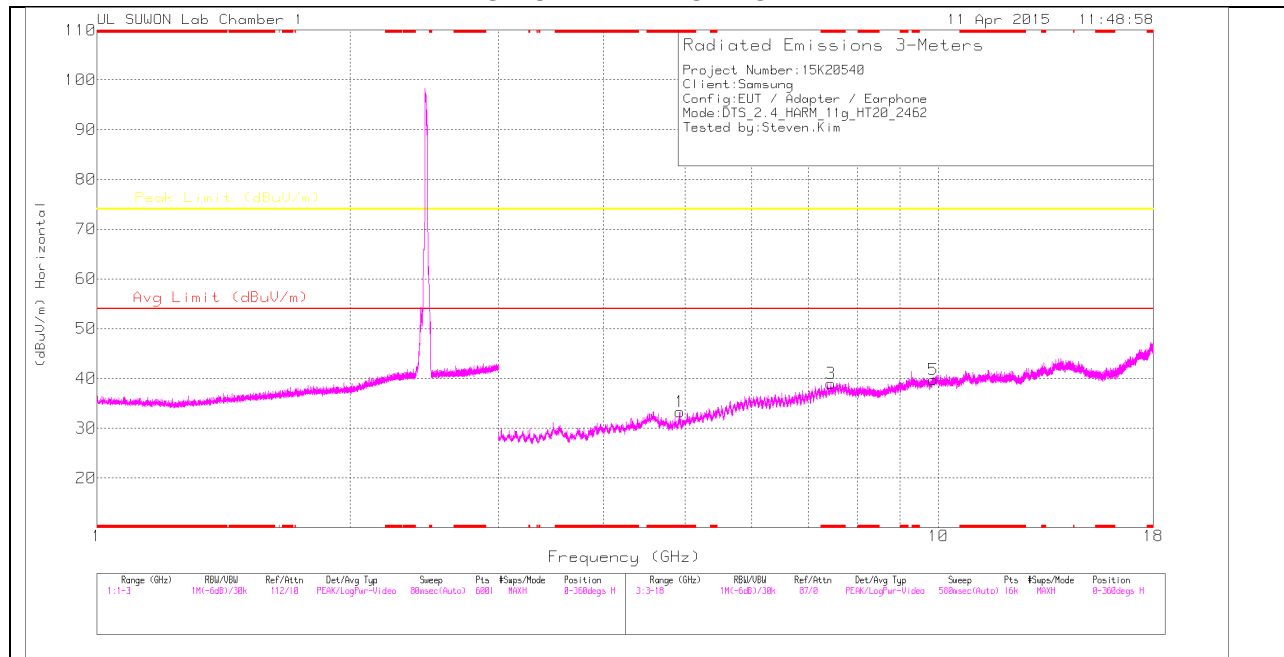
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_3_3 GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.874	41.58	PK2	32	-29.2	0	44.38	-	-	74	-29.62	56	165	H
* 4.874	32.8	MAv1	32	-29.2	.31	35.91	54	-18.09	-	-	56	165	H

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

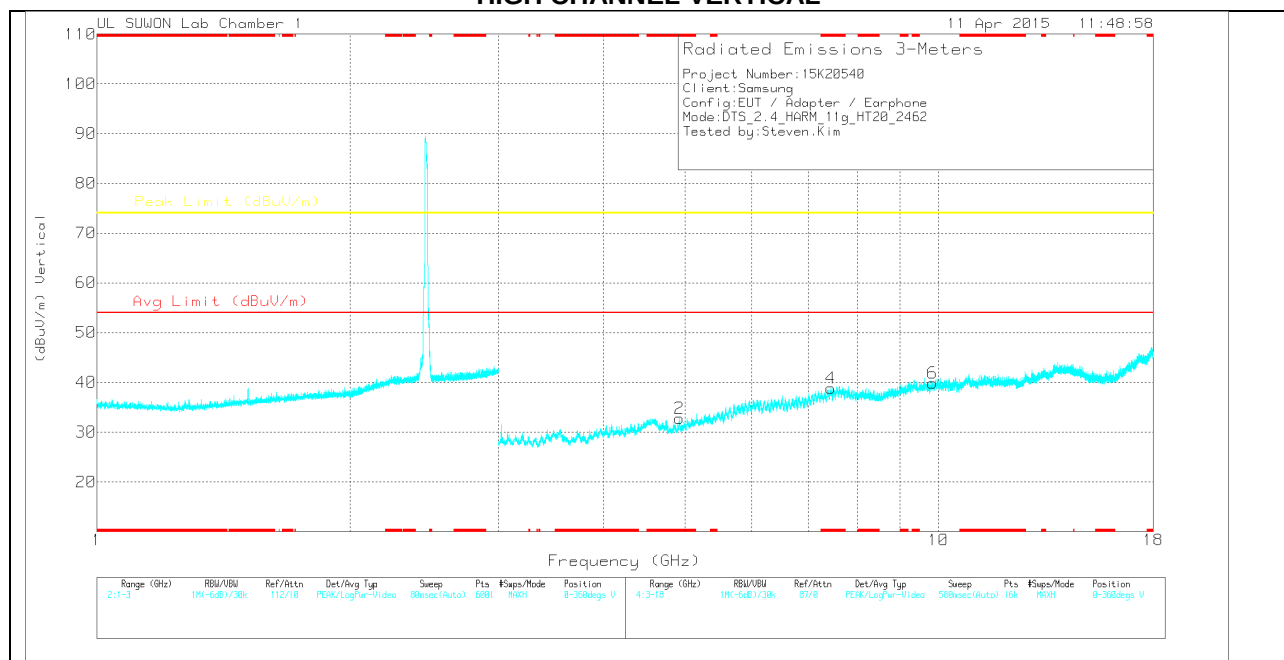
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

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

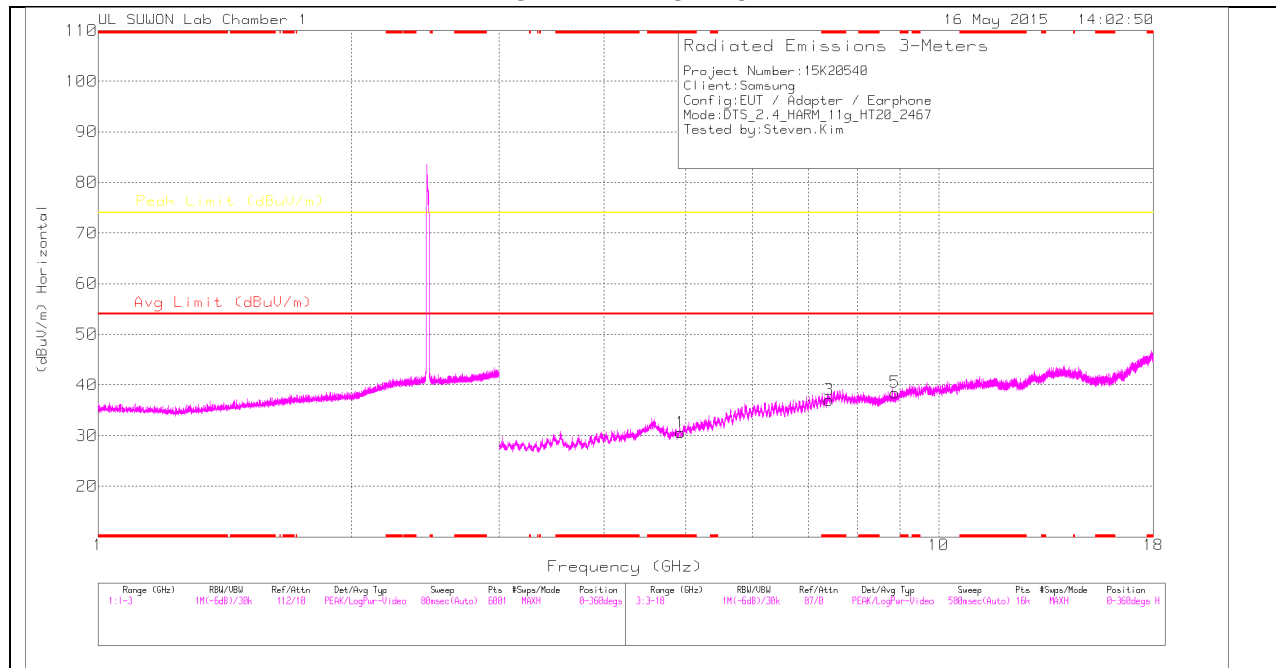
TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_3_3GHP	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	* 4.928	30.14	PK	32.1	-29	0	33.24	-	-	74	-40.76	0-360	100	H
3	* 7.449	26.45	PK	37.3	-24.8	0	38.95	-	-	74	-35.05	0-360	100	H
5	9.856	23.39	PK	37.8	-21.5	0	39.69	-	-	-	-	0-360	100	H
2	* 4.925	29.68	PK	32.1	-29	0	32.78	-	-	74	-41.22	0-360	100	V
4	* 7.444	26.4	PK	37.3	-24.8	0	38.9	-	-	74	-35.1	0-360	200	V
6	9.849	23.71	PK	37.8	-21.6	0	39.91	-	-	-	-	0-360	100	V

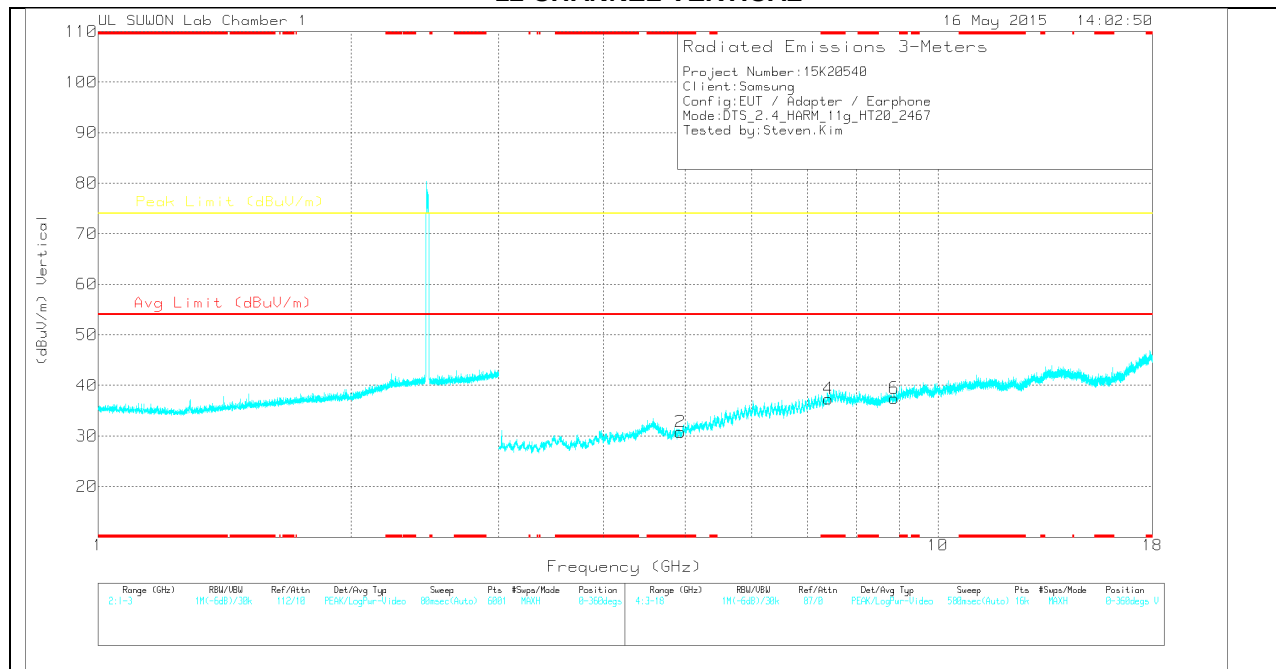
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak Detector

12 CHANNEL HORIZONTAL



12 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.

12 CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_3_3GHP	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	* 4.935	27.5	PK	32.1	-29	0	30.6	-	-	74	-43.4	0-360	200	H
3	* 7.404	24.72	PK	37.3	-25	0	37.02	-	-	74	-36.98	0-360	100	H
5	8.867	24.79	PK	37.3	-23.6	0	38.49	-	-	-	-	0-360	200	H
2	* 4.937	27.69	PK	32.1	-29	0	30.79	-	-	74	-43.21	0-360	100	V
4	* 7.404	25.03	PK	37.3	-25	0	37.33	-	-	74	-36.67	0-360	100	V
6	8.868	23.76	PK	37.3	-23.6	0	37.46	-	-	-	-	0-360	200	V

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

PK – Peak Detector

Radiated Emissions

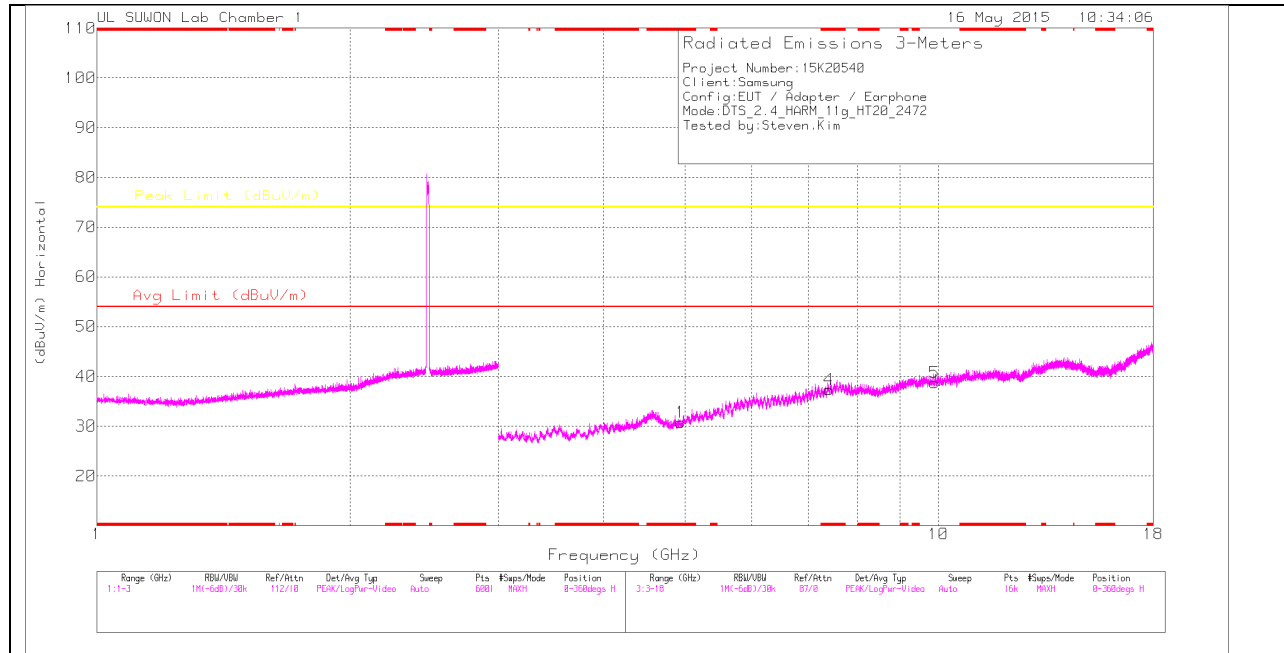
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_3_3 GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.406	35.91	PK2	37.3	-25	0	48.21	-	-	74	-25.79	231	241	V
* 7.402	24.35	MAv1	37.3	-25	.31	36.96	54	-17.04	-	-	231	241	V

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

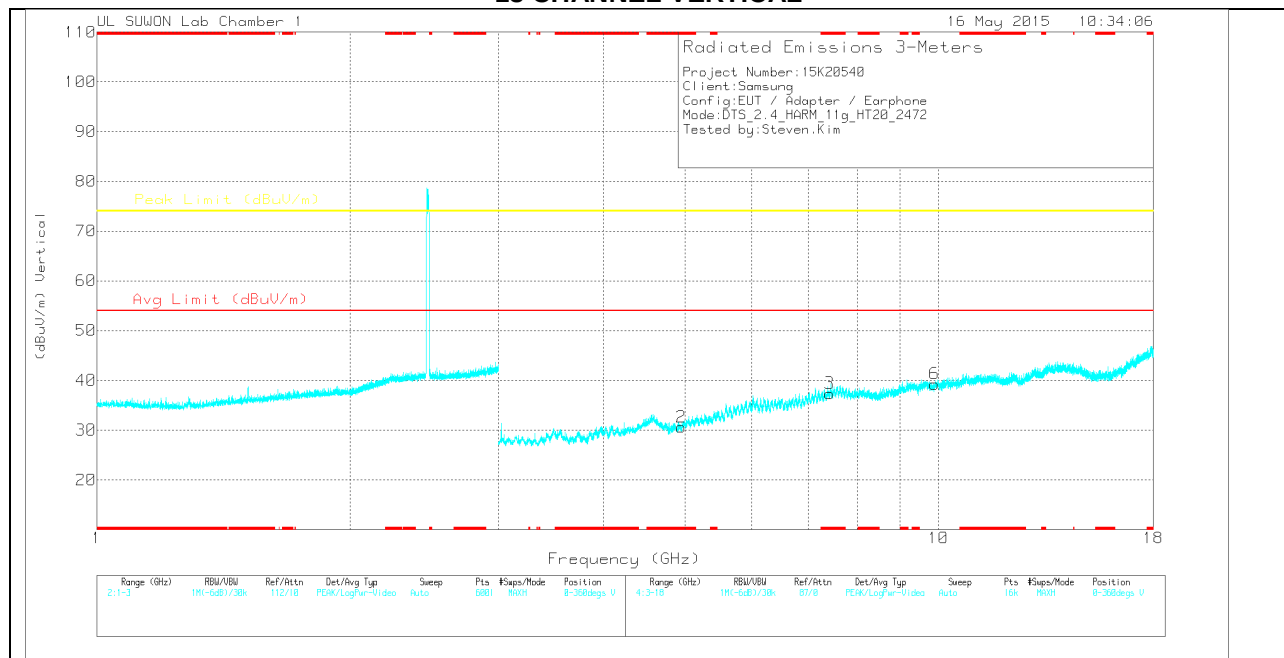
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

13 CHANNEL HORIZONTAL



13 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.

13 CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_3_3GHP	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	* 4.942	27.67	PK	32.1	-29	0	30.77	-	-	74	-43.23	0-360	200	H
4	* 7.413	24.95	PK	37.3	-24.9	0	37.35	-	-	74	-36.65	0-360	100	H
5	9.888	21.7	PK	37.8	-20.8	0	38.7	-	-	-	-	0-360	200	H
2	* 4.947	27.56	PK	32.1	-29	0	30.66	-	-	74	-43.34	0-360	100	V
3	* 7.417	24.99	PK	37.3	-24.9	0	37.39	-	-	74	-36.61	0-360	200	V
6	9.887	22.39	PK	37.8	-20.9	0	39.29	-	-	-	-	0-360	200	V

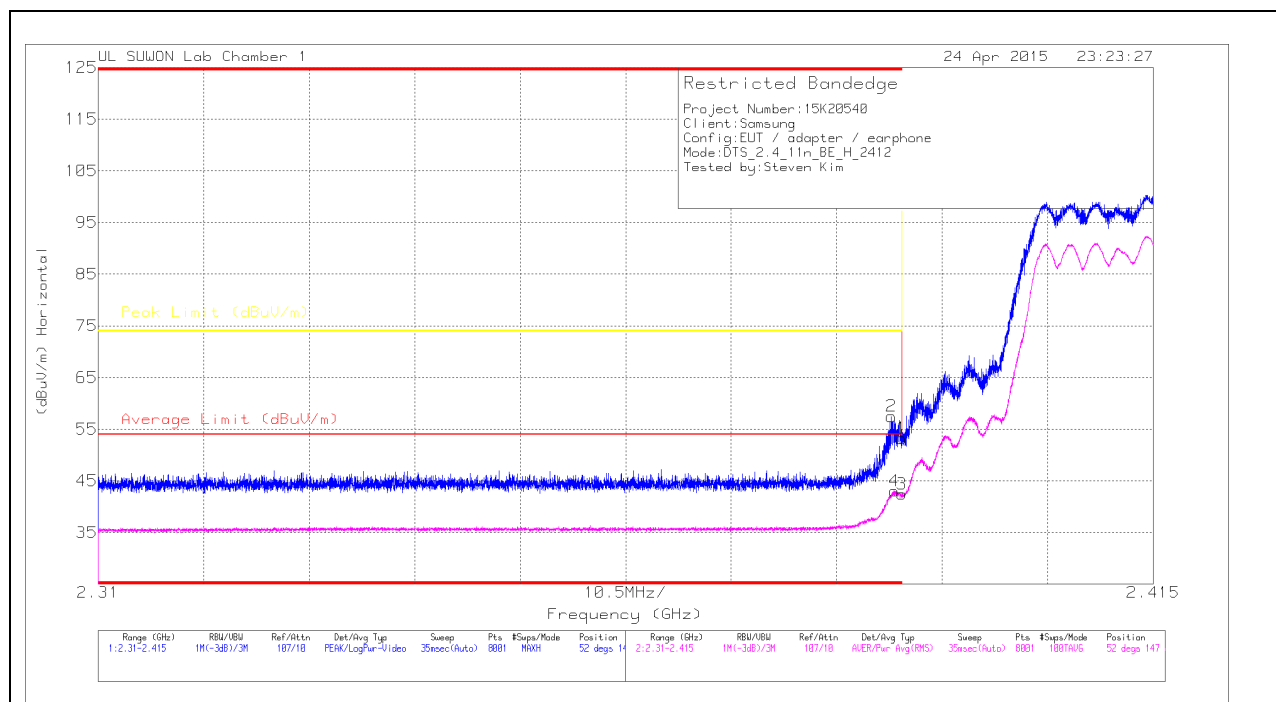
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak Detector

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

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

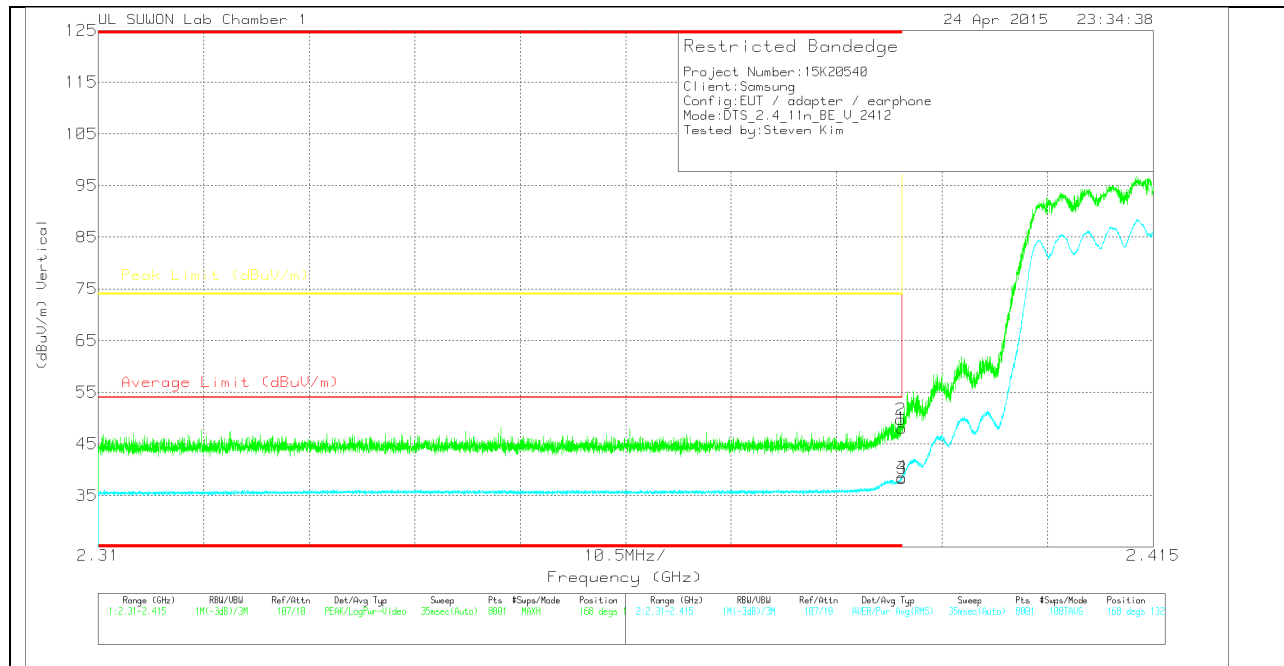
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	48.13	PK	27.9	-22.8	0	53.23	-	-	74	-20.77	52	147	H
2	* 2.389	52.39	PK	27.9	-22.8	0	57.49	-	-	74	-16.51	52	147	H
3	* 2.39	37	RMS	27.9	-22.8	.34	42.44	54	-11.56	-	-	52	147	H
4	* 2.389	37.62	RMS	27.9	-22.8	.34	43.06	54	-10.94	-	-	52	147	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	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	42.94	PK	27.9	-22.8	0	48.04	-	-	74	-25.96	168	132	V
2	* 2.39	44.62	PK	27.9	-22.8	0	49.72	-	-	74	-24.28	168	132	V
3	* 2.39	32.92	RMS	27.9	-22.8	.34	38.36	54	-15.64	-	-	168	132	V
4	* 2.39	33.14	RMS	27.9	-22.8	.34	38.58	54	-15.42	-	-	168	132	V

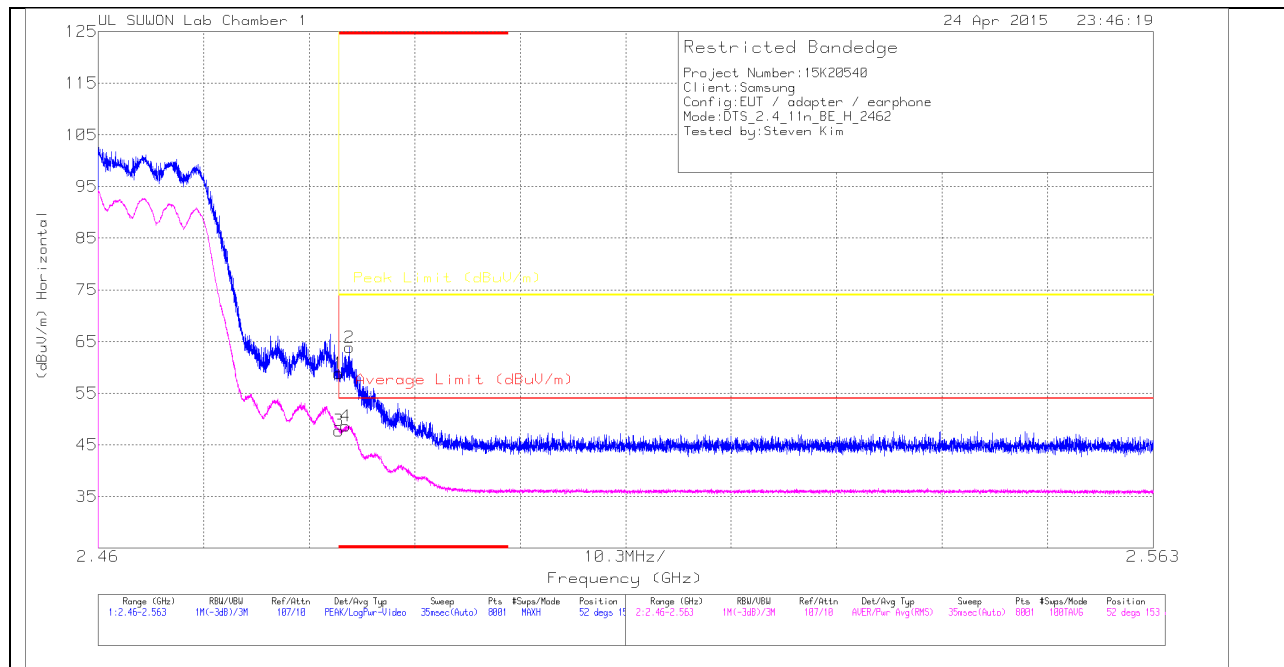
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

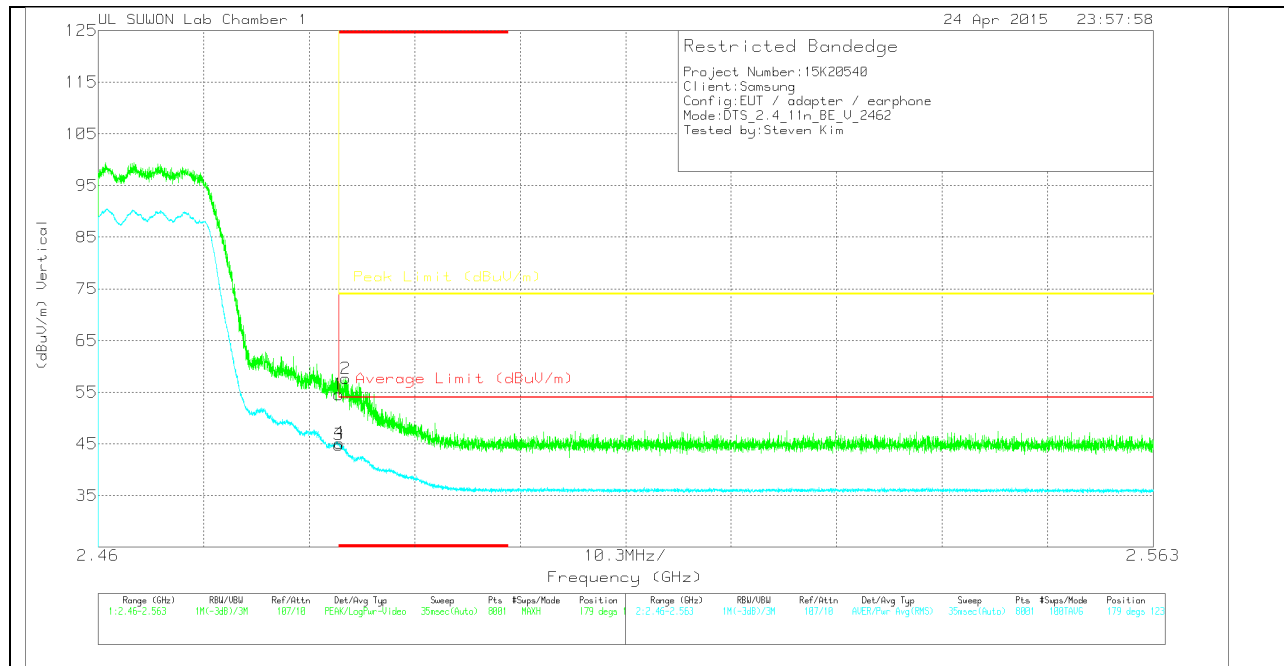
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	53.54	PK	27.9	-22.6	0	58.84	-	-	74	-15.16	52	153	H
2	* 2.485	58.56	PK	27.9	-22.6	0	63.86	-	-	74	-10.14	52	153	H
3	* 2.484	42.12	RMS	27.9	-22.6	.34	47.76	54	-6.24	-	-	52	153	H
4	* 2.484	43.01	RMS	27.9	-22.6	.34	48.65	54	-5.35	-	-	52	153	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	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	49.28	Pk	27.9	-22.6	0	54.58	-	-	74	-19.42	179	123	V
2	* 2.484	52.35	Pk	27.9	-22.6	0	57.65	-	-	74	-16.35	179	123	V
3	* 2.484	39.18	RMS	27.9	-22.6	.34	44.82	54	-9.18	-	-	179	123	V
4	* 2.484	39.53	RMS	27.9	-22.6	.34	45.17	54	-8.83	-	-	179	123	V

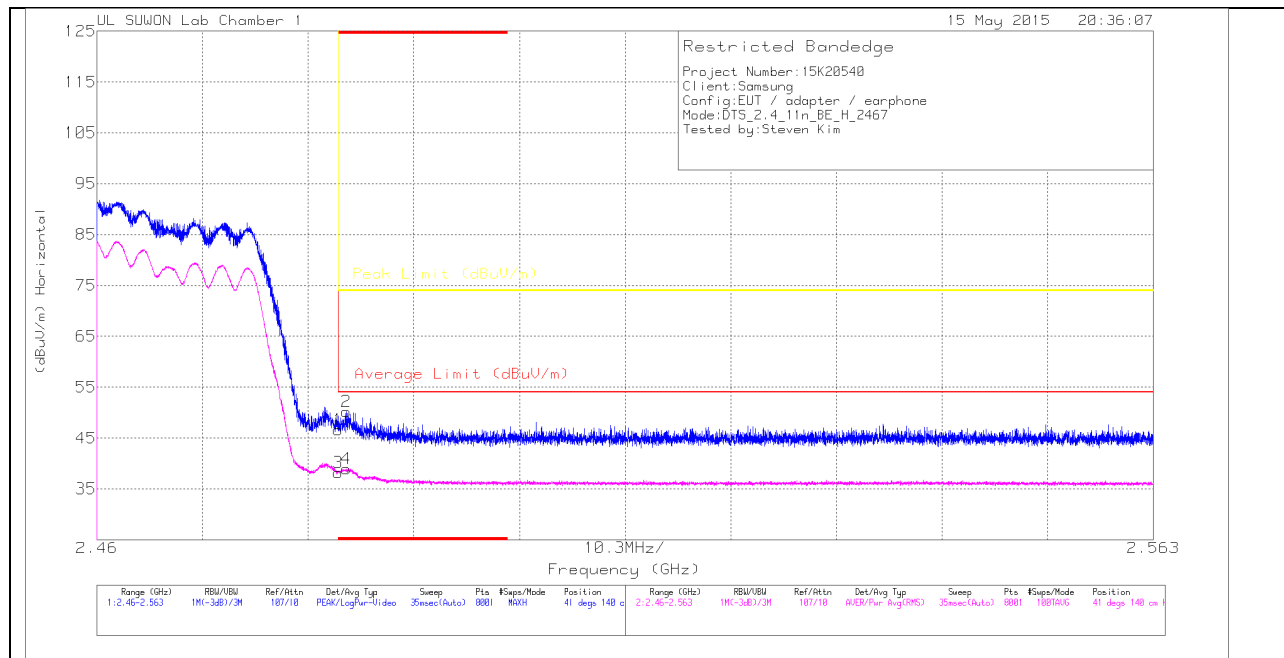
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (12 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

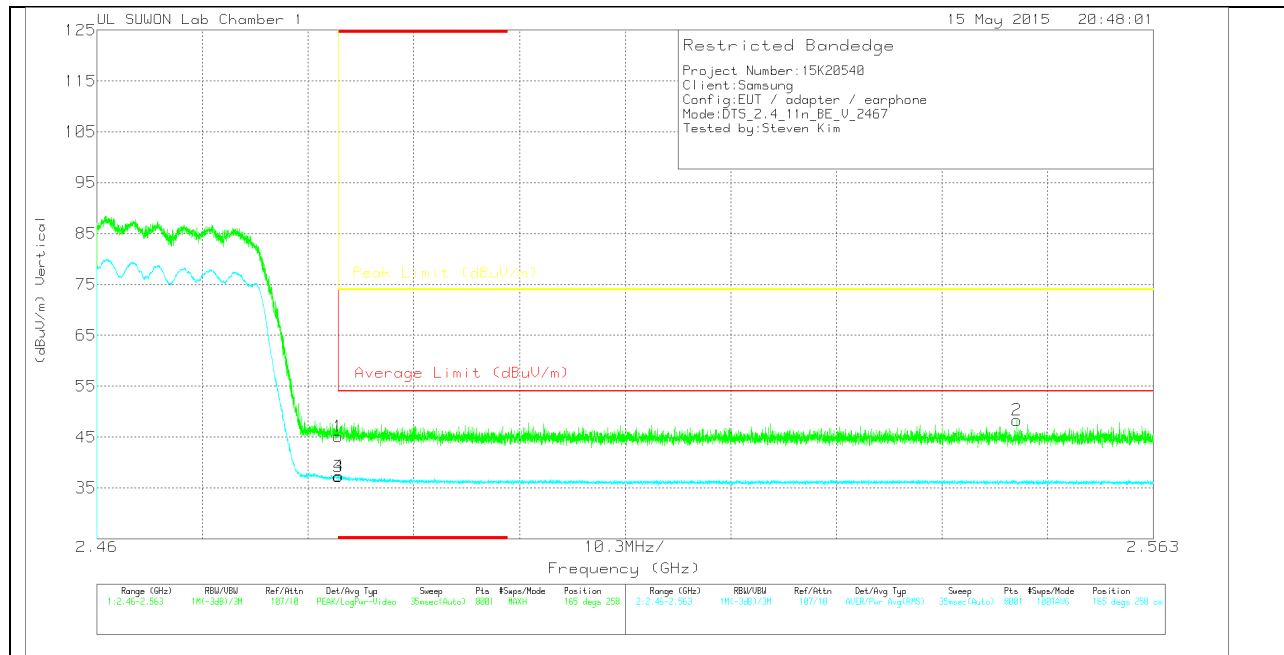
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	41.35	Pk	27.9	-22.6	0	46.65	-	-	74	-27.35	41	140	H
2	* 2.484	44.88	Pk	27.9	-22.6	0	50.18	-	-	74	-23.82	41	140	H
3	* 2.484	32.52	RMS	27.9	-22.6	.34	38.16	54	-15.84	-	-	41	140	H
4	* 2.484	33.36	RMS	27.9	-22.6	.34	39	54	-15	-	-	41	140	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	31150 Factor	Path_2_10d B	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	39.82	Pk	27.9	-22.6	0	45.12	-	-	74	-28.88	165	258	V
2	2.55	42.99	Pk	27.9	-22.6	0	48.29	-	-	74	-25.71	165	258	V
3	* 2.484	31.55	RMS	27.9	-22.6	.34	37.19	54	-16.81	-	-	165	258	V
4	* 2.484	31.65	RMS	27.9	-22.6	.34	37.29	54	-16.71	-	-	165	258	V

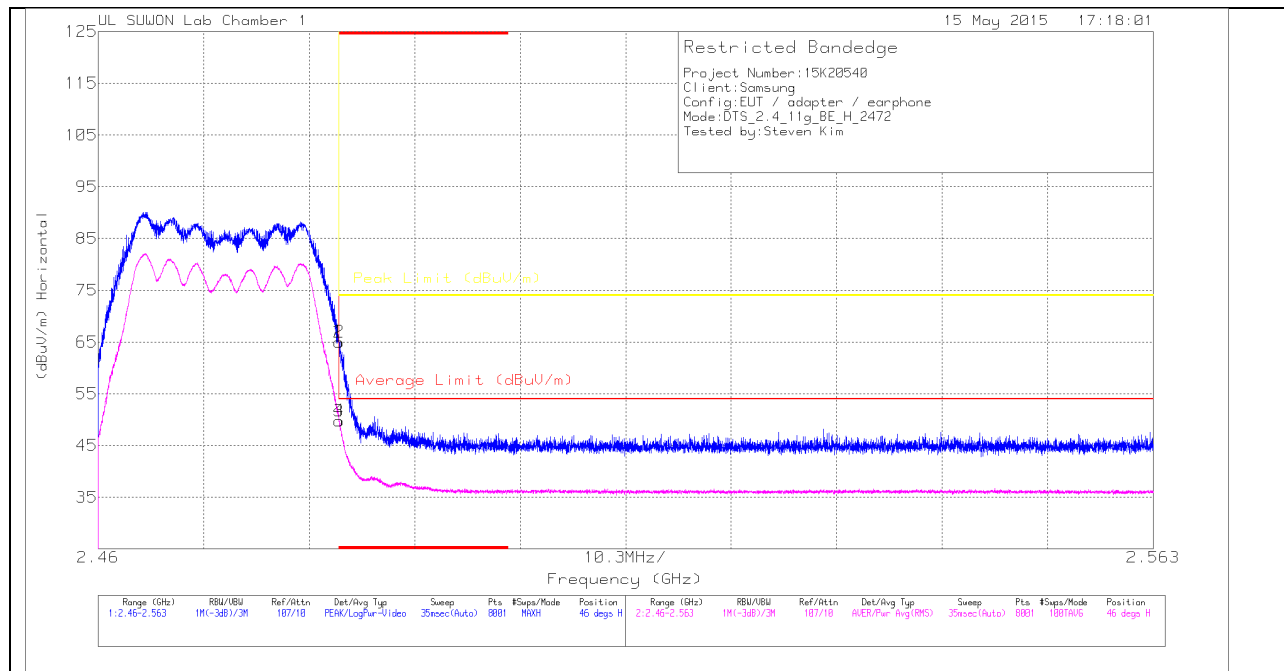
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (13 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

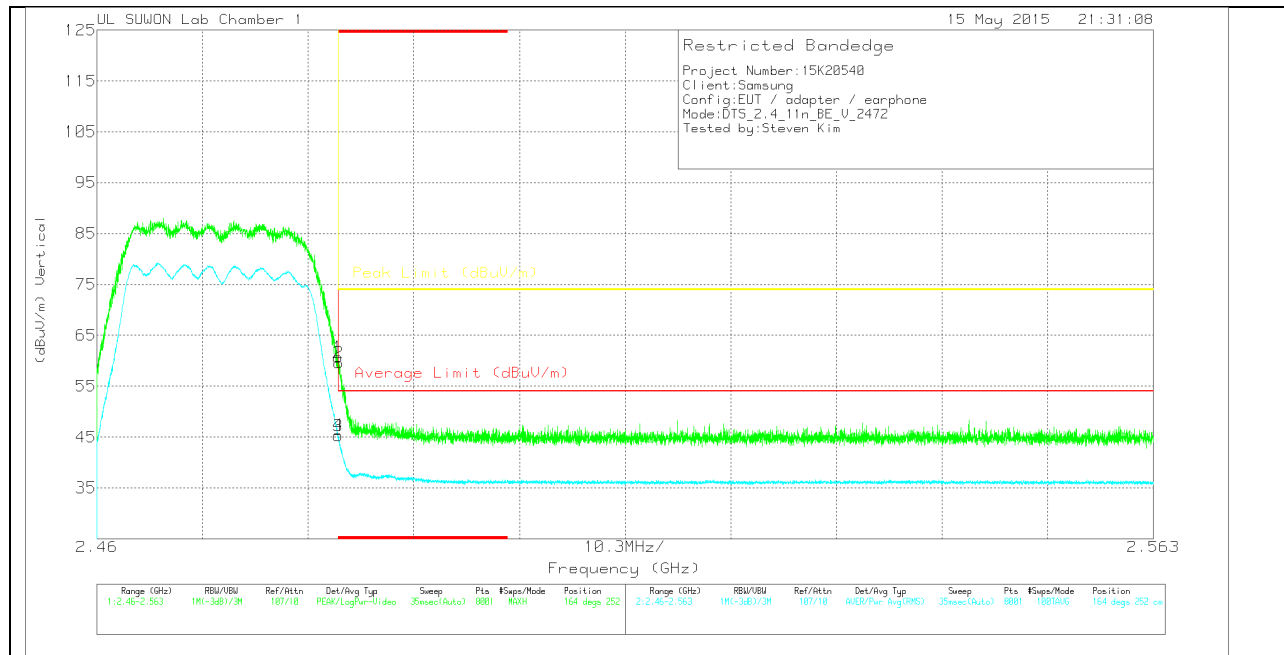
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	59.7	Pk	27.9	-22.6	0	65	-	-	74	-9	46	165	H
2	* 2.484	59.71	Pk	27.9	-22.6	0	65.01	-	-	74	-8.99	46	165	H
3	* 2.484	44.1	RMS	27.9	-22.6	.34	49.74	54	-4.26	-	-	46	165	H
4	* 2.484	44.16	RMS	27.9	-22.6	.34	49.8	54	-4.2	-	-	46	165	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	31150 Factor	Path_2_10d B	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	55.36	Pk	27.9	-22.6	0	60.66	-	-	74	-13.34	164	252	V
2	* 2.484	54.25	Pk	27.9	-22.6	0	59.55	-	-	74	-14.45	164	252	V
3	* 2.484	39.61	RMS	27.9	-22.6	.34	45.25	54	-8.75	-	-	164	252	V
4	* 2.484	39.68	RMS	27.9	-22.6	.34	45.32	54	-8.68	-	-	164	252	V

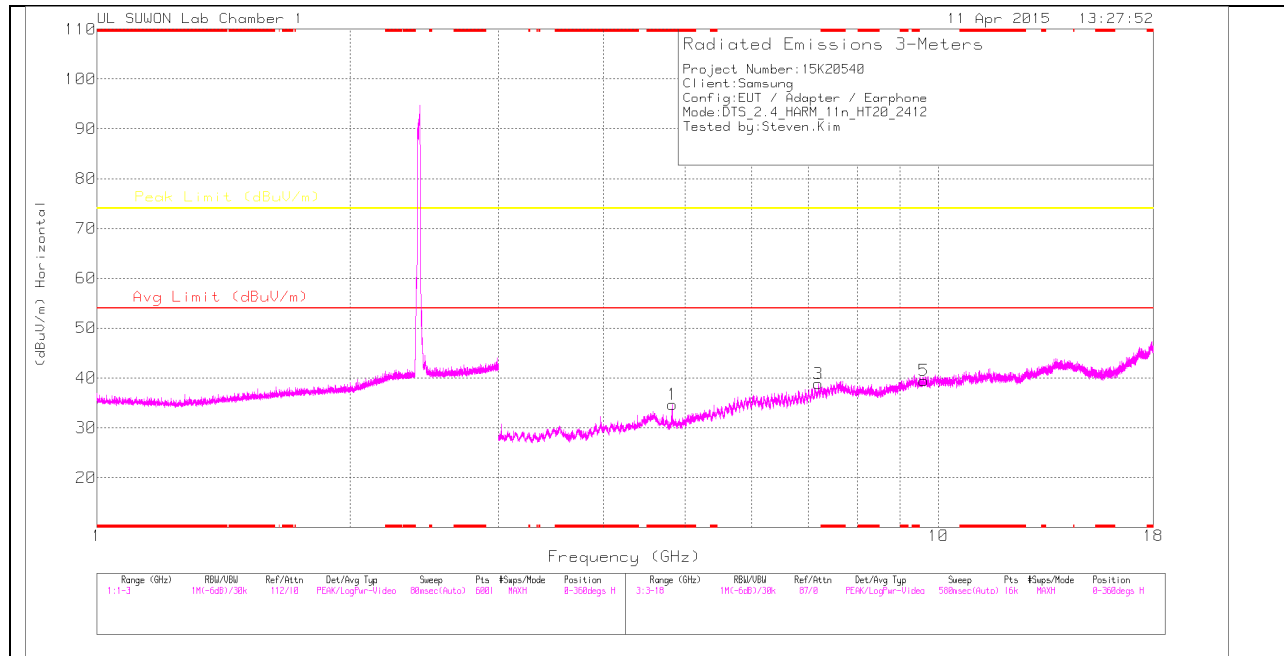
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

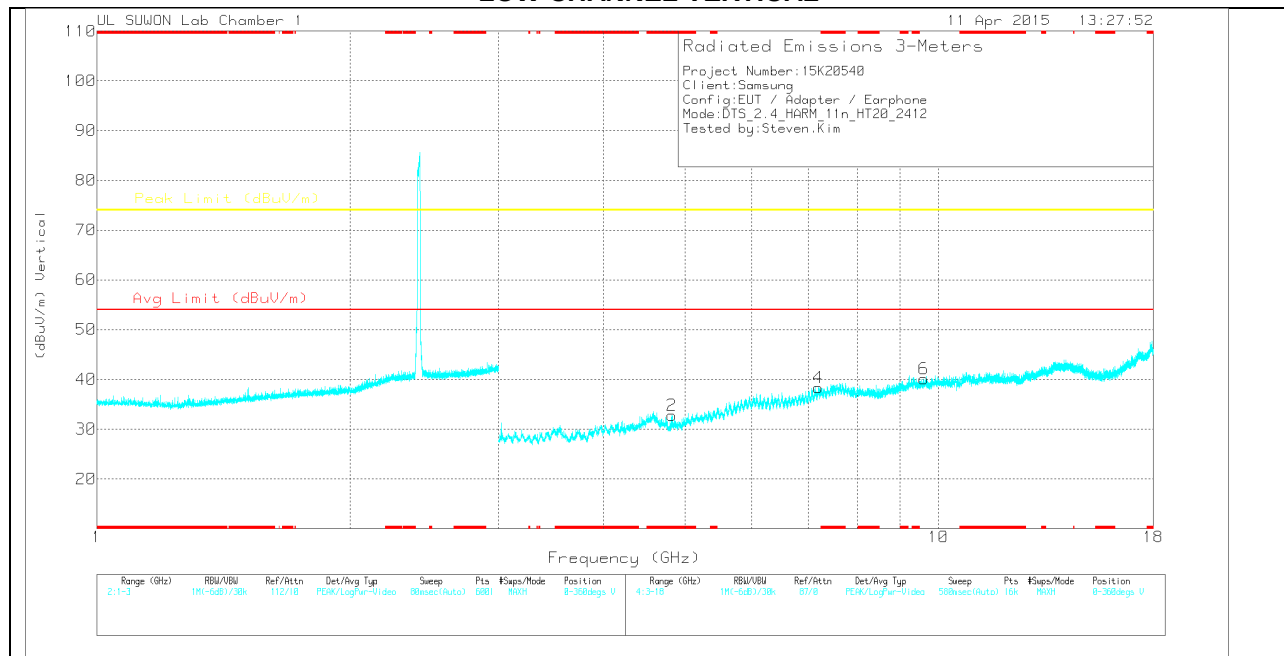
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

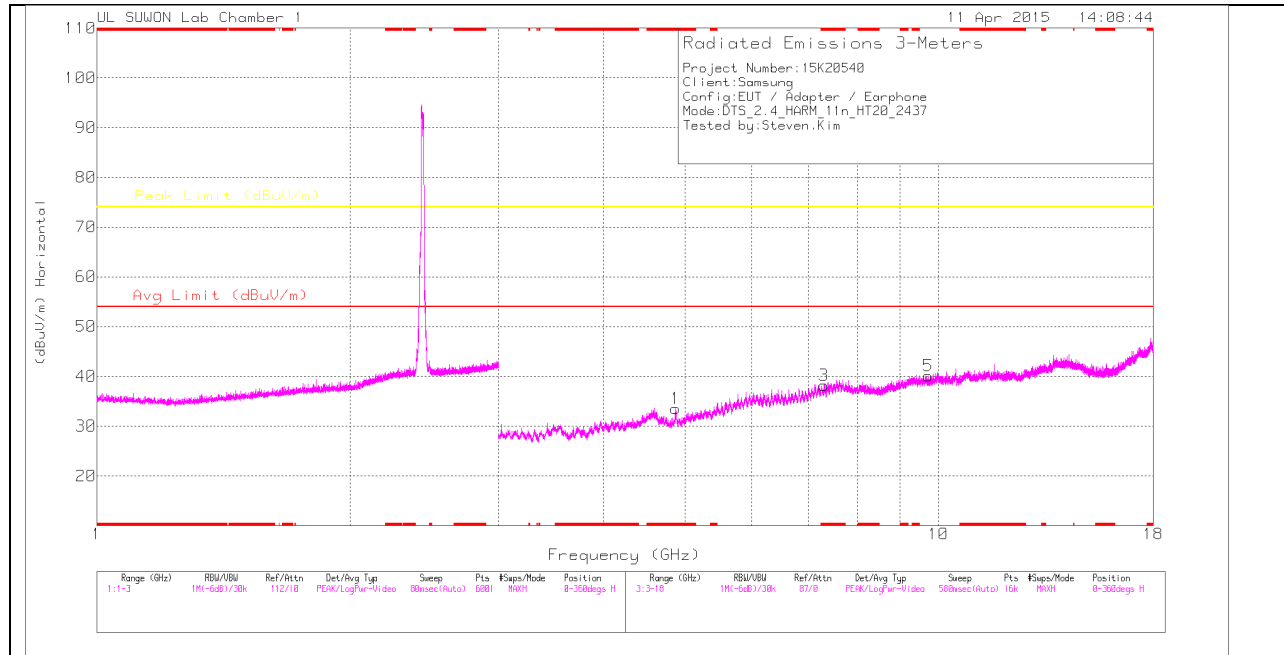
TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_3_3GHP	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	* 4.826	32.33	PK	31.9	-29.5	0	34.73	-	-	74	-39.27	0-360	100	H
3	7.197	27.36	PK	36.9	-25.4	0	38.86	-	-	-	-	0-360	100	H
5	9.611	22.75	PK	37.7	-21	0	39.45	-	-	-	-	0-360	100	H
2	* 4.824	30.52	PK	31.9	-29.6	0	32.82	-	-	74	-41.18	0-360	100	V
4	7.192	26.82	PK	36.9	-25.4	0	38.32	-	-	-	-	0-360	100	V
6	9.609	23.44	PK	37.7	-21	0	40.14	-	-	-	-	0-360	100	V

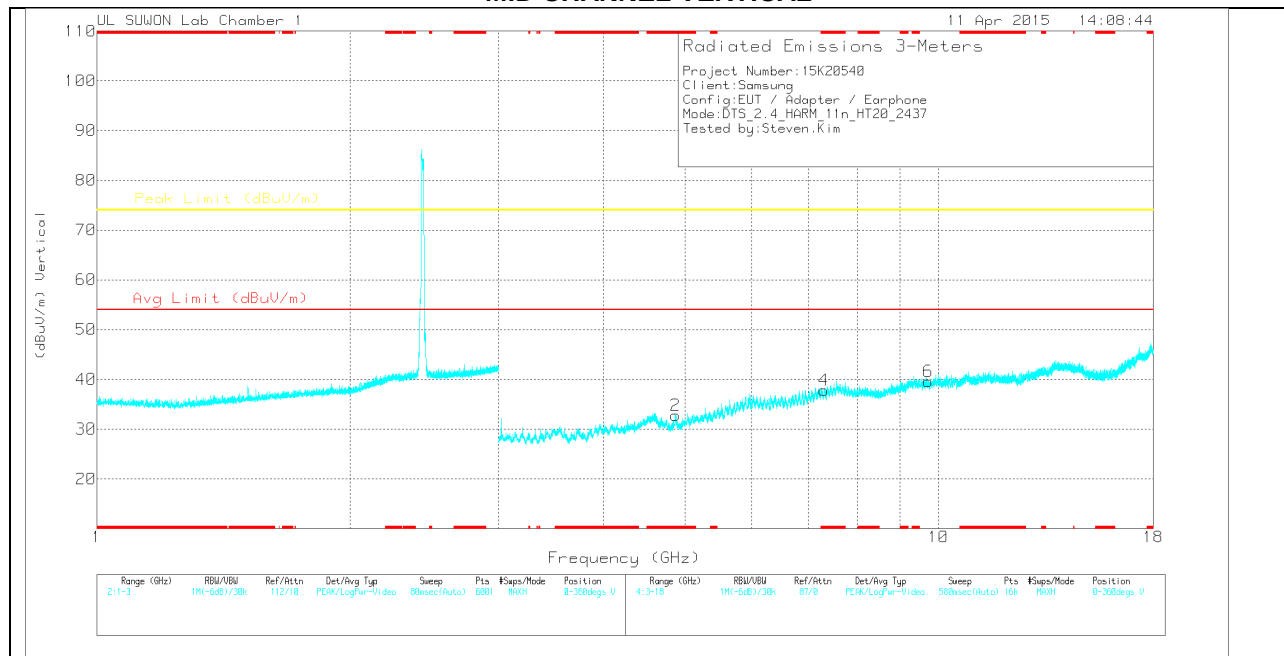
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak Detector

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

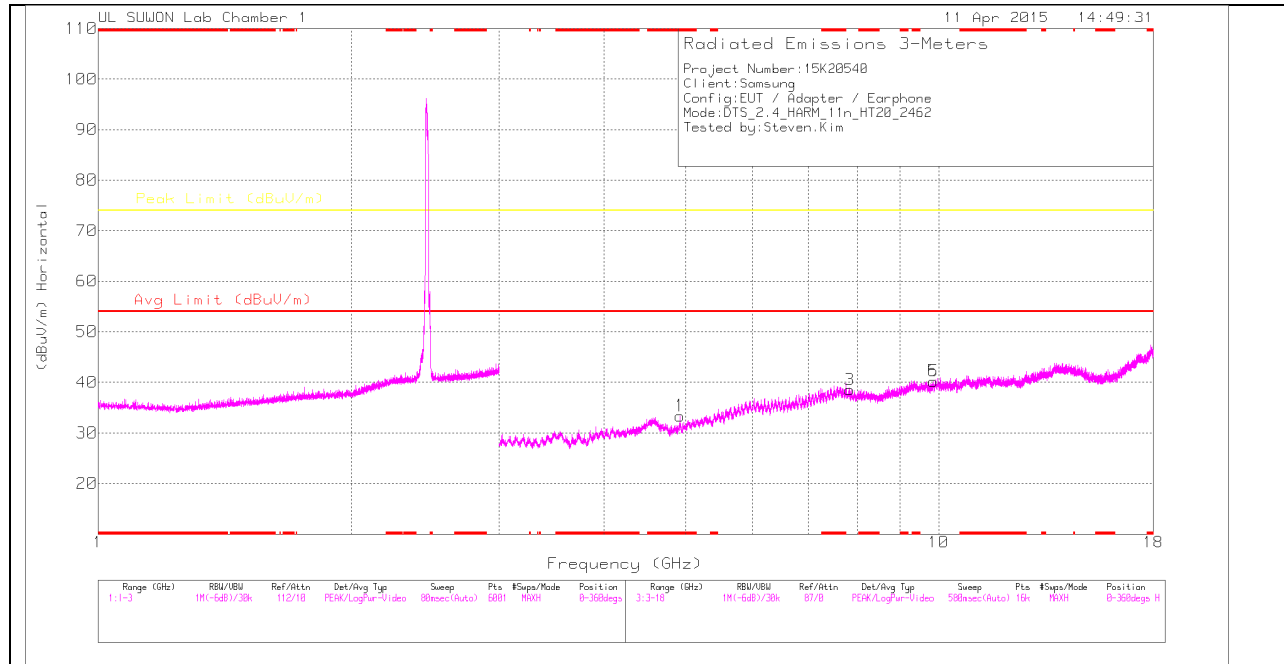
TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_3_3GHP	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	30.76	PK	32	-29.2	0	33.56	-	-	74	-40.44	0-360	100	H
3	* 7.31	26.83	PK	37.1	-25.7	0	38.23	-	-	74	-35.77	0-360	100	H
5	9.721	24	PK	37.6	-21.5	0	40.1	-	-	-	-	0-360	100	H
2	* 4.872	30.03	PK	32	-29.2	0	32.83	-	-	74	-41.17	0-360	100	V
4	* 7.314	26.48	PK	37.1	-25.7	0	37.88	-	-	74	-36.12	0-360	100	V
6	9.725	23.62	PK	37.6	-21.6	0	39.62	-	-	-	-	0-360	200	V

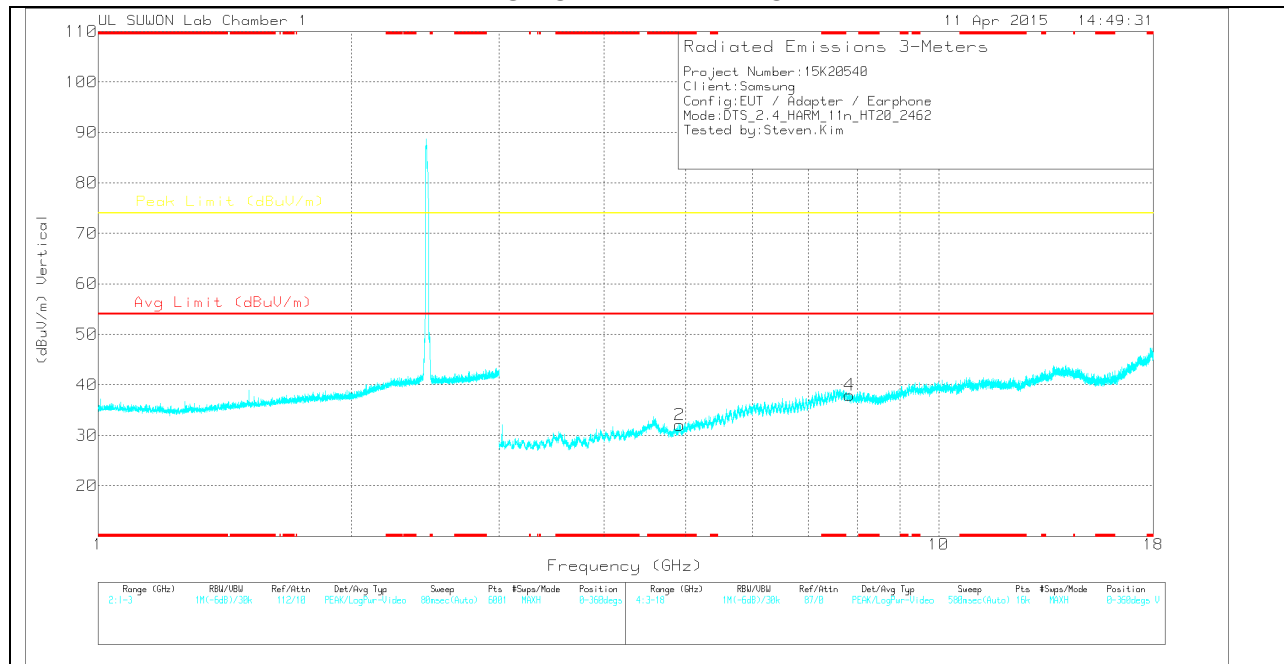
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak Detector

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

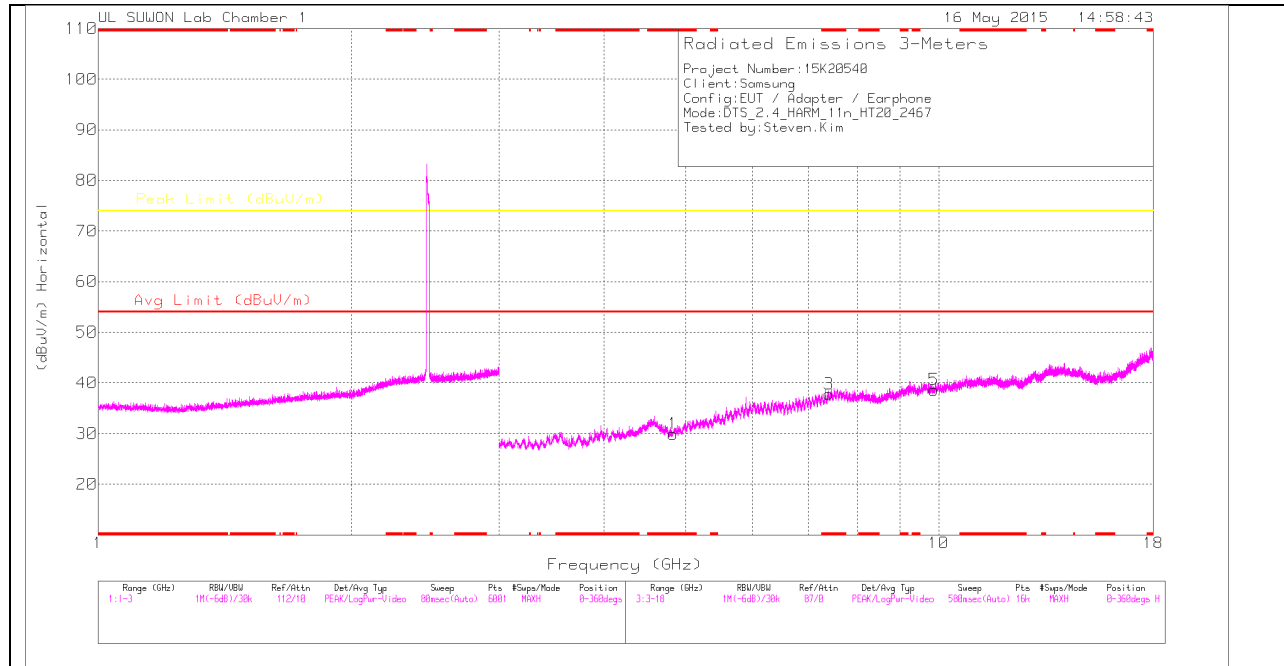
TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_3_3GHP	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	30.25	PK	32.1	-29	0	33.35	-	-	74	-40.65	0-360	100	H
3	7.834	25.64	PK	37.1	-24.2	0	38.54	-	-	-	-	0-360	200	H
5	9.856	23.93	PK	37.8	-21.5	0	40.23	-	-	-	-	0-360	200	H
6	9.856	23.93	PK	37.8	-21.5	0	40.23	-	-	-	-	0-360	200	H
2	* 4.919	29.04	PK	32.1	-29.1	0	32.04	-	-	74	-41.96	0-360	100	V
4	7.831	25.05	PK	37.1	-24.2	0	37.95	-	-	-	-	0-360	100	V

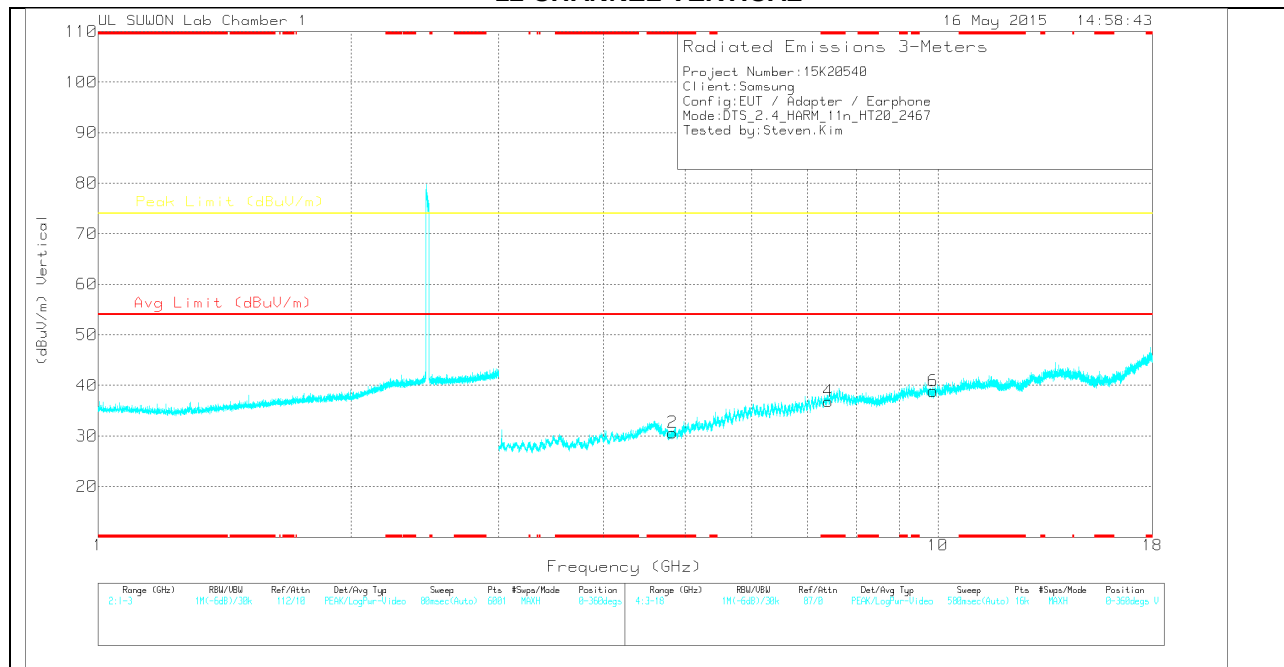
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak Detector

12 CHANNEL HORIZONTAL



12 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.

12 CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_3_3GHP	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	27.42	PK	31.9	-29.4	0	29.92	-	-	74	-44.08	0-360	200	H
3	* 7.401	25.51	PK	37.3	-25	0	37.81	-	-	74	-36.19	0-360	100	H
5	9.868	22.04	PK	37.8	-21.2	0	38.64	-	-	-	-	0-360	200	H
2	* 4.834	28.15	PK	31.9	-29.4	0	30.65	-	-	74	-43.35	0-360	100	V
4	* 7.401	24.53	PK	37.3	-25	0	36.83	-	-	74	-37.17	0-360	200	V
6	9.869	22.28	PK	37.8	-21.2	0	38.88	-	-	-	-	0-360	100	V

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

PK – Peak Detector

Radiated Emissions

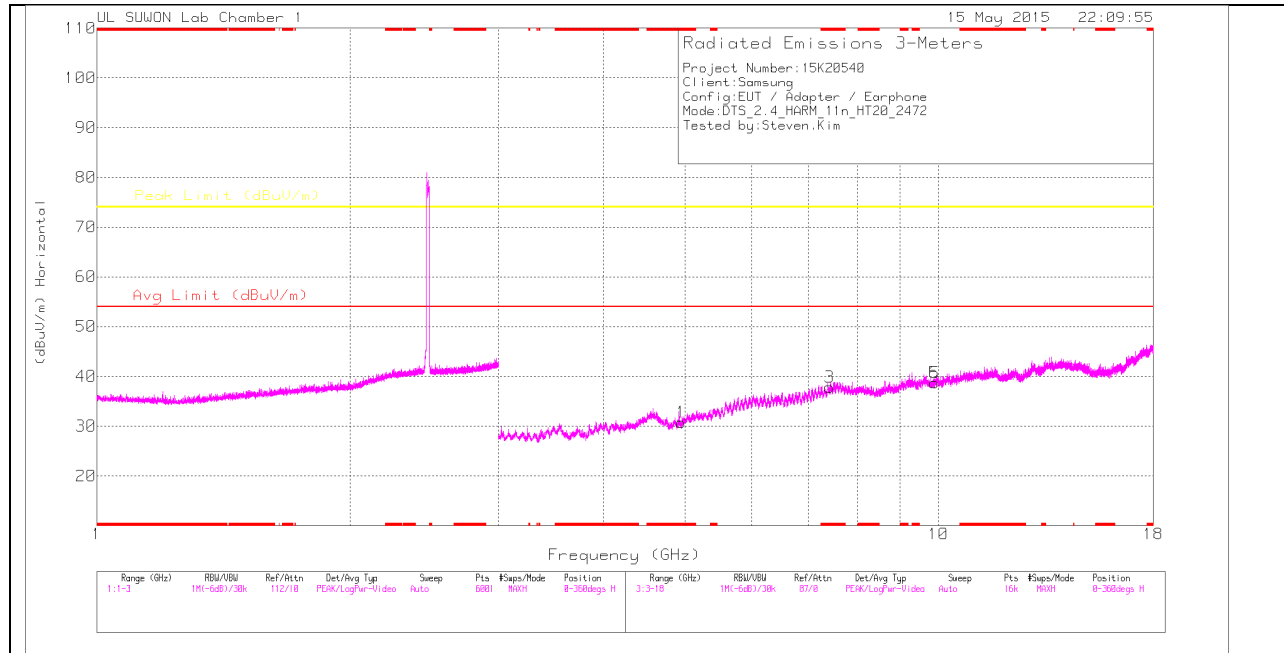
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_3_3 GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.401	36.37	PK2	37.3	-25	0	48.67	-	-	74	-25.33	115	298	H
* 7.401	23.97	MAv1	37.3	-25	.34	36.61	54	-17.39	-	-	115	298	H

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

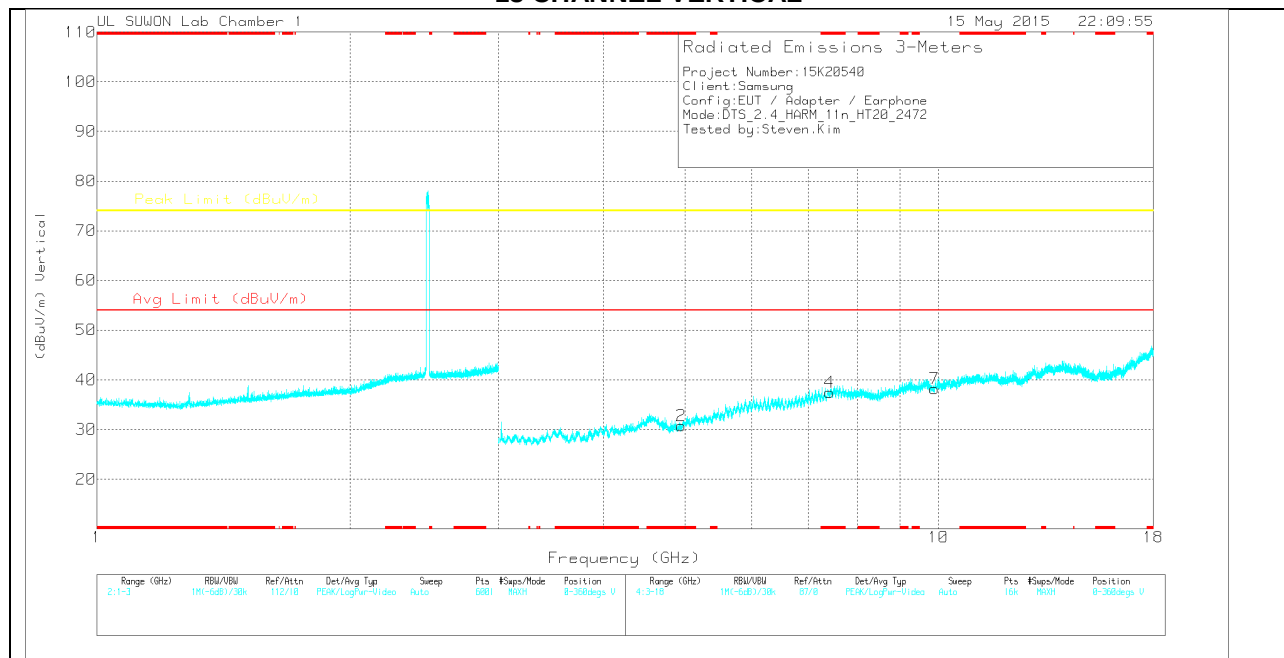
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

13 CHANNEL HORIZONTAL



13 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.

13 CHANNEL DATA

TRACE MARKERS

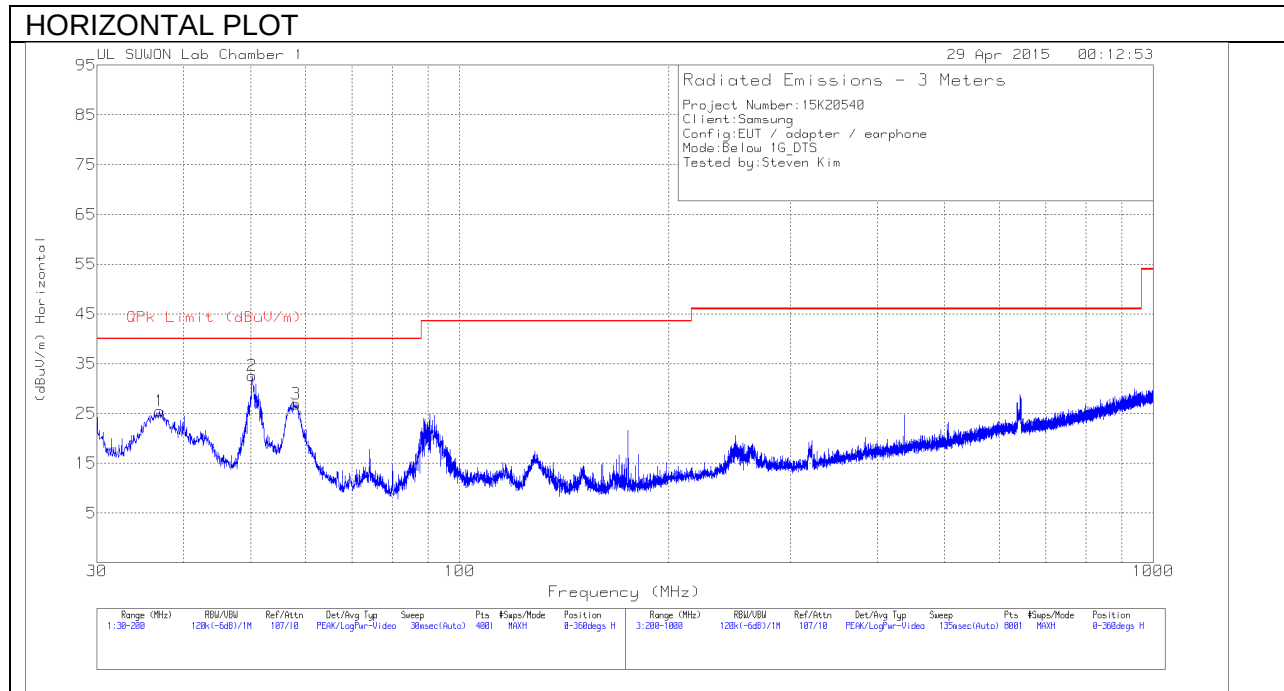
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_3_3GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.947	27.6	PK	32.1	-29	0	30.7	-	-	74	-43.3	0-360	100	H
3	* 7.428	25.42	PK	37.3	-24.9	0	37.82	-	-	74	-36.18	0-360	200	H
5	9.887	21.82	PK	37.8	-20.9	0	38.72	-	-	-	-	0-360	100	H
6	9.887	21.82	PK	37.8	-20.9	0	38.72	-	-	-	-	0-360	100	H
2	* 4.95	27.61	PK	32.1	-29	0	30.71	-	-	74	-43.29	0-360	100	V
4	* 7.42	25.04	PK	37.3	-24.9	0	37.44	-	-	74	-36.56	0-360	200	V
7	9.887	21.28	PK	37.8	-20.9	0	38.18	-	-	-	-	0-360	100	V

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

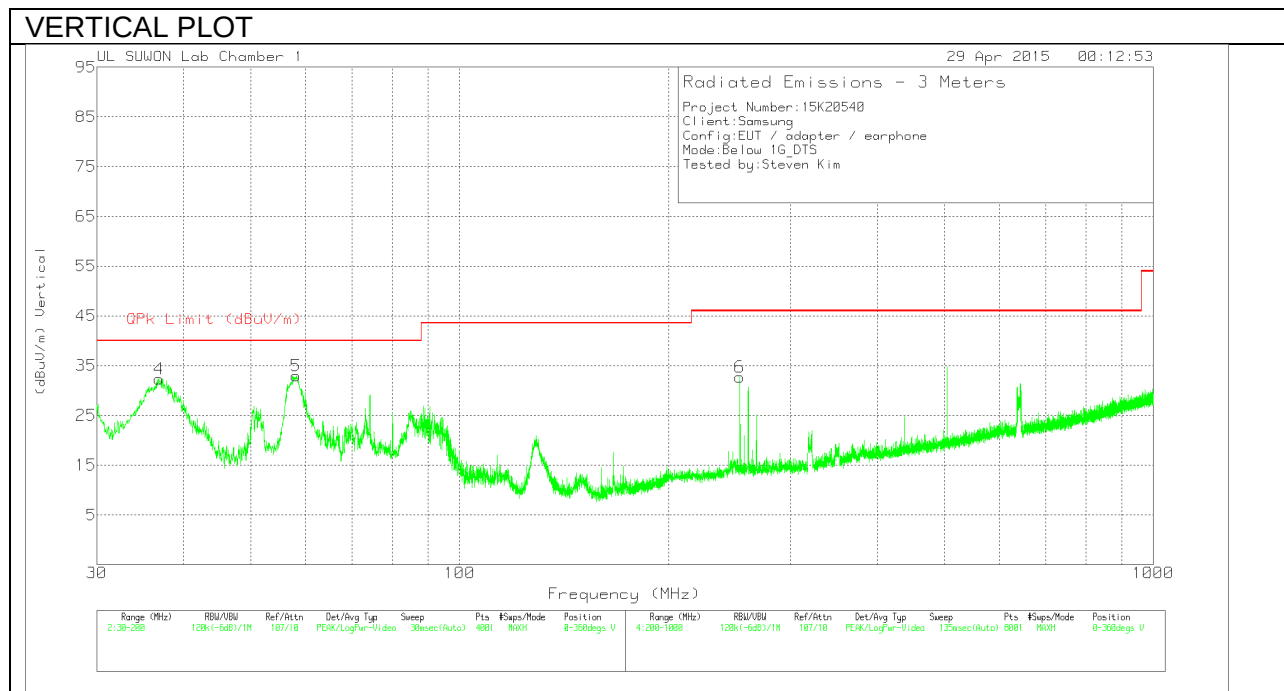
PK – Peak Detector

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

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163-750	Bi-Log	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	36.97	44.64	Pk	11.3	-30.4	25.54	40	-14.46	0-360	300	H
2	50.1875	48.82	Pk	13.8	-30.1	32.52	40	-7.48	0-360	400	H
3	58.135	44.03	Pk	12.9	-30	26.93	40	-13.07	0-360	400	H
4	36.8425	51.51	Pk	11.2	-30.4	32.31	40	-7.69	0-360	100	V
5	58.135	50.07	Pk	12.9	-30	32.97	40	-7.03	0-360	100	V
6	253.5	48.13	Pk	12.4	-27.8	32.73	46.02	-13.29	0-360	200	V

* - 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 C63.4 2009.

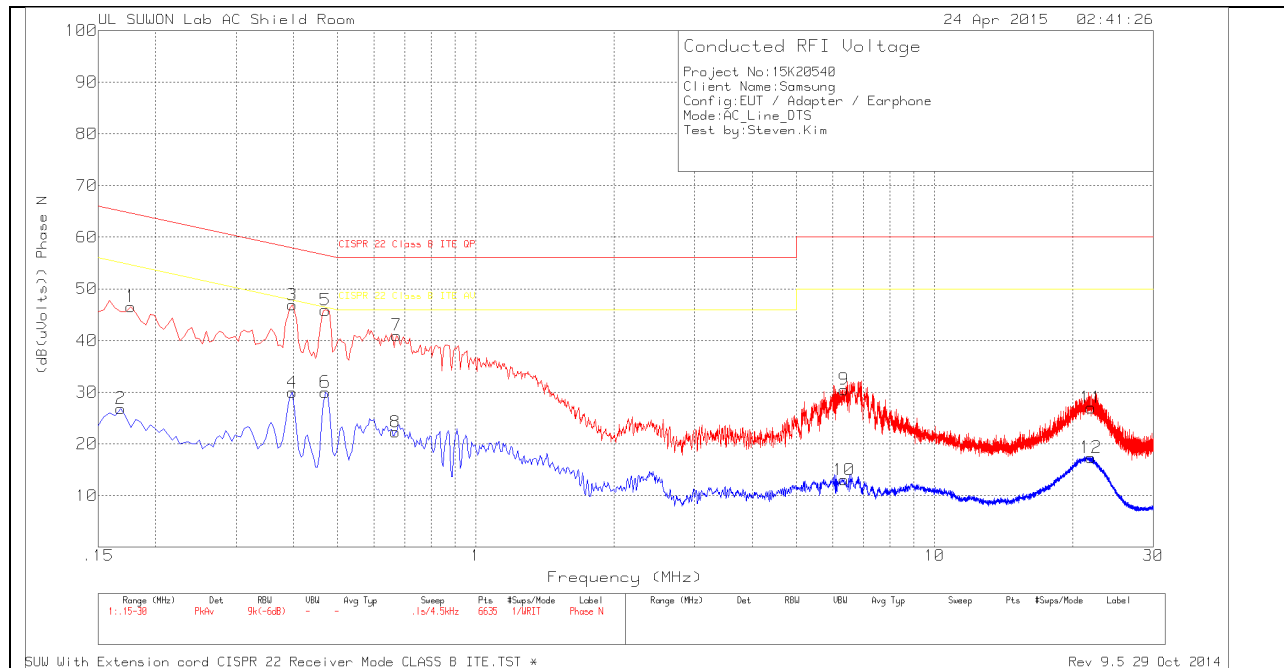
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

6 WORST EMISSIONS

LINE 1 PLOT



LINE 1 RESULTS

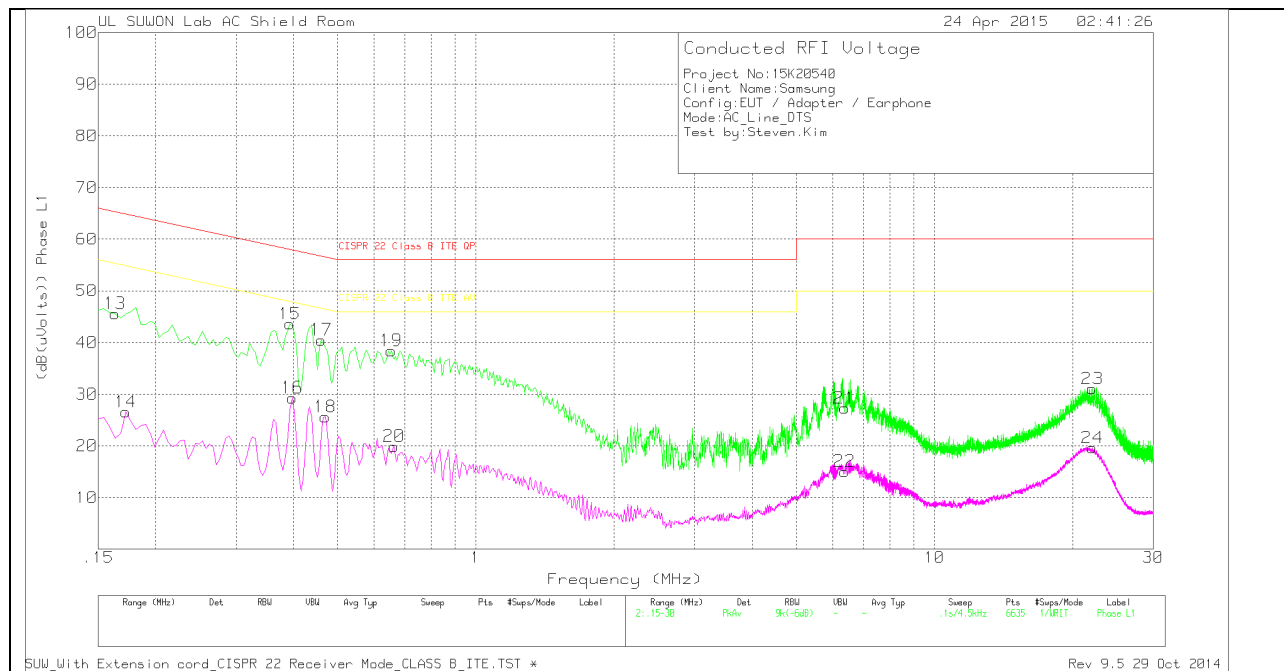
Phase N .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN HPF ON and Extension cord	CE Shield Room	Corrected Reading (dBuV)	CISPR 22 Class B ITE QP	Margin (dB)	CISPR 22 Class B ITE AV	Margin (dB)
1	.177	36.47	Pk	10.1	0	46.57	64.63	-18.06	-	-
2	.168	16.77	Av	10.1	0	26.87	-	-	55.06	-28.19
3	.3975	36.79	Pk	10.1	0	46.89	57.91	-11.02	-	-
4	.3975	19.88	Av	10.1	0	29.98	-	-	47.91	-17.93
5	.4695	35.79	Pk	10.1	0	45.89	56.52	-10.63	-	-
6	.4695	19.92	Av	10.1	0	30.02	-	-	46.52	-16.5
7	.672	31	Pk	10	0	41	56	-15	-	-
8	.6675	12.33	Av	10	0	22.33	-	-	46	-23.67
9	6.3465	20.53	Pk	9.9	.1	30.53	60	-29.47	-	-
10	6.3465	3.08	Av	9.9	.1	13.08	-	-	50	-36.92
11	21.939	16.12	Pk	10.7	.2	27.02	60	-32.98	-	-
12	21.9435	6.45	Av	10.7	.2	17.35	-	-	50	-32.65

Pk - Peak detector

Av - Average detection

LINE 2 PLOT



LINE 2 RESULTS

Phase L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_w ith extension cord_L1	CE Shield Room	Corrected Reading (dBuV)	CISPR 22 Class B ITE QP	Margin (dB)	CISPR 22 Class B ITE AV	Margin (dB)
13	.1635	35.49	Pk	10.1	0	45.59	65.28	-19.69	-	-
14	.1725	16.29	Av	10.3	0	26.59	-	-	54.84	-28.25
15	.393	33.53	Pk	10.1	0	43.63	58	-14.37	-	-
16	.3975	19.19	Av	10.1	0	29.29	-	-	47.91	-18.62
17	.4605	30.38	Pk	10.1	0	40.48	56.68	-16.2	-	-
18	.4695	15.52	Av	10.1	0	25.62	-	-	46.52	-20.9
19	.654	28.33	Pk	10.1	0	38.43	56	-17.57	-	-
20	.663	9.83	Av	10.1	0	19.93	-	-	46	-26.07
21	6.3645	17.41	Pk	9.8	.1	27.31	60	-32.69	-	-
22	6.3645	5.15	Av	9.8	.1	15.05	-	-	50	-34.95
23	22.1055	20.46	Pk	10.4	.2	31.06	60	-28.94	-	-
24	22.1055	9.05	Av	10.4	.2	19.65	-	-	50	-30.35

Pk - Peak detector

Av - Average detection