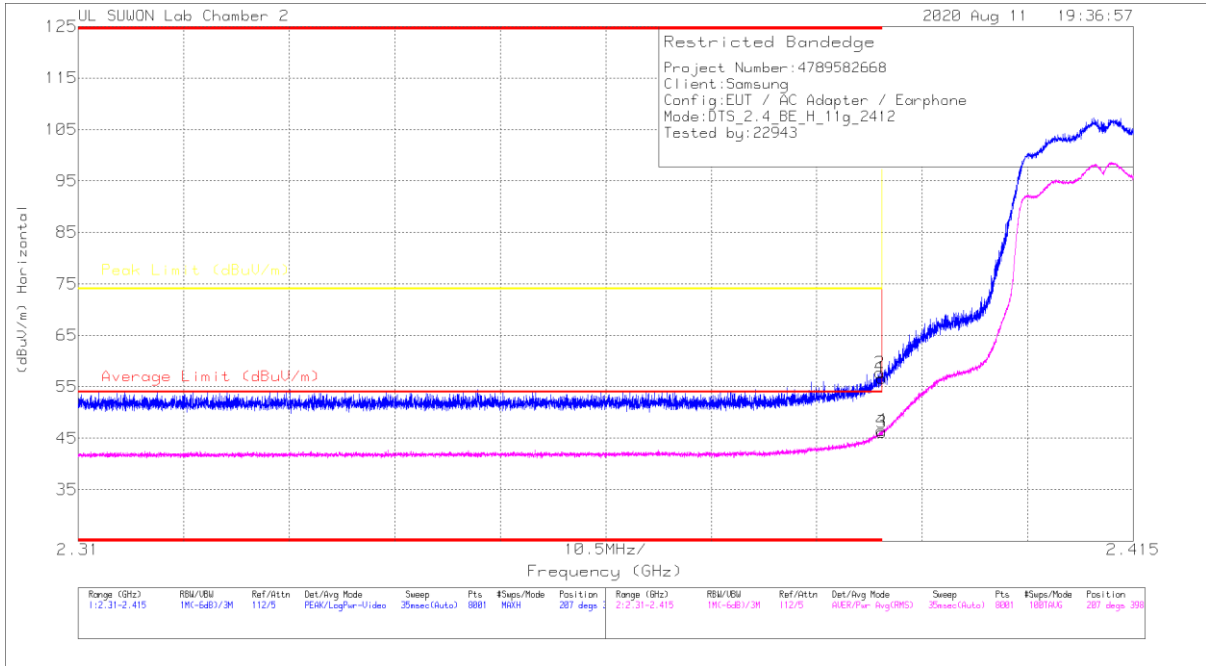


10.1.2. TX ABOVE 1 GHz 802.11g MODE IN THE 2.4 GHz BAND

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT

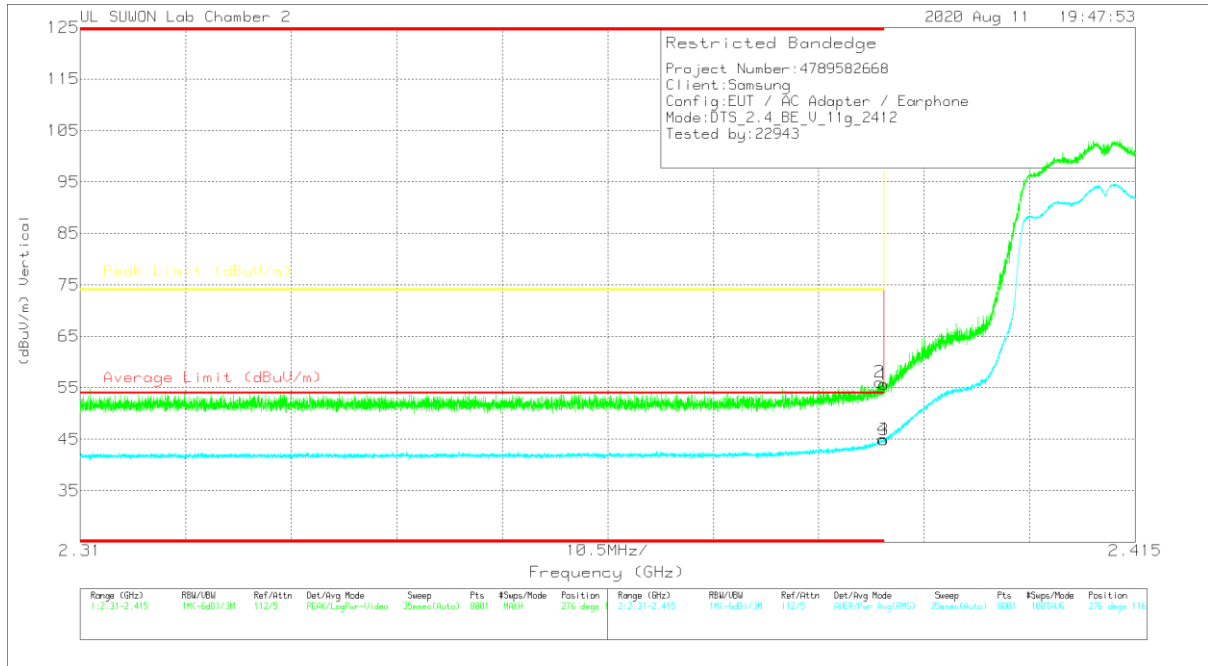


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBu)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	45.36	Pk	31.9	-20.6	0	56.66	-	-	74	-17.34	207	398	H
2	* 2.3998	46.44	Pk	31.9	-20.6	0	57.74	-	-	74	-16.26	207	398	H
3	* 2.39	34.87	RMS	31.9	-20.6	0	46.17	54	-7.83	-	-	207	398	H
4	* 2.38994	35.2	RMS	31.9	-20.6	0	46.5	54	-7.5	-	-	207	398	H

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

VERTICAL RESULT



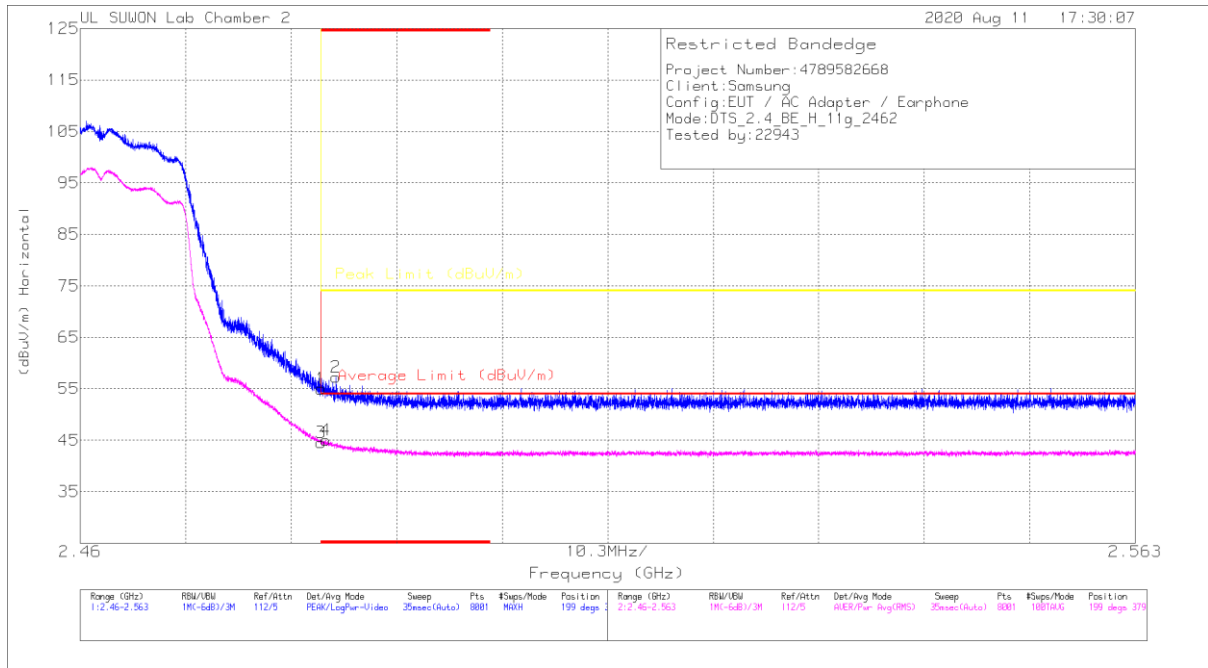
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.39	Pk	31.9	-20.6	0	55.69	-	-	74	-18.31	276	116	V
2	* 2.38956	44.78	Pk	31.9	-20.6	0	56.08	-	-	74	-17.92	276	116	V
3	* 2.39	33.58	RMS	31.9	-20.6	0	44.88	54	-9.12	-	-	276	116	V
4	* 2.38989	33.69	RMS	31.9	-20.6	0	44.99	54	-9.01	-	-	276	116	V

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

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT

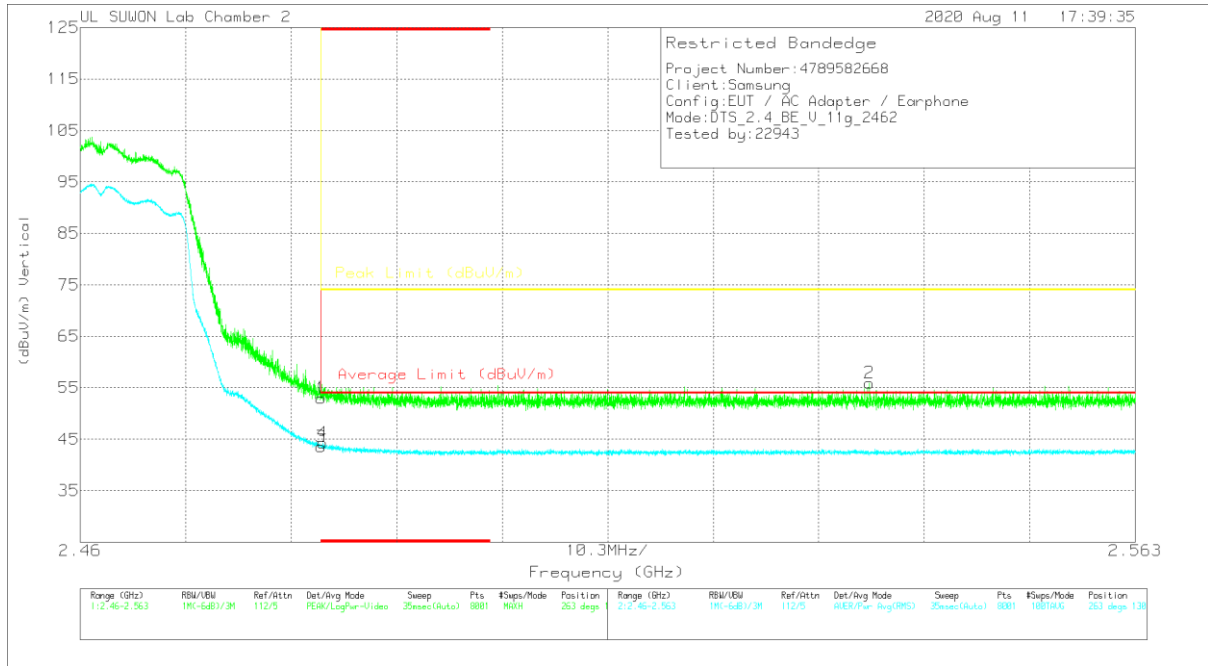


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	43.42	Pk	32	-20.4	0	55.02	-	-	74	-18.98	199	379	H
2	* 2.48494	45.64	Pk	32	-20.4	0	57.24	-	-	74	-16.76	199	379	H
3	* 2.48351	32.94	RMS	32	-20.4	0	44.54	54	-9.46	-	-	199	379	H
4	* 2.48399	33.42	RMS	32	-20.4	0	45.02	54	-8.98	-	-	199	379	H

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

VERTICAL RESULT



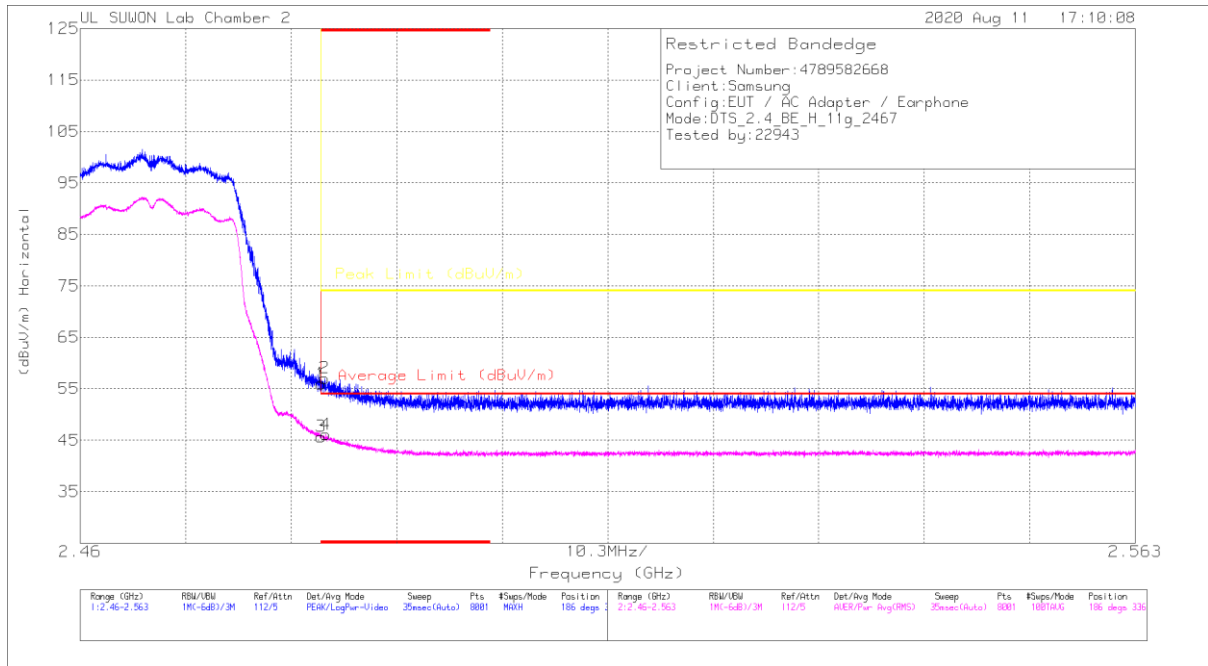
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	41.38	Pk	32	-20.4	0	52.98	-	-	74	-21.02	263	130	V
2	2.53703	44.22	Pk	32.1	-20.4	0	55.92	-	-	74	-18.08	263	130	V
3	* 2.48351	31.95	RMS	32	-20.4	0	43.55	54	-10.45	-	-	263	130	V
4	* 2.48366	32.68	RMS	32	-20.4	0	44.28	54	-9.72	-	-	263	130	V

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

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT

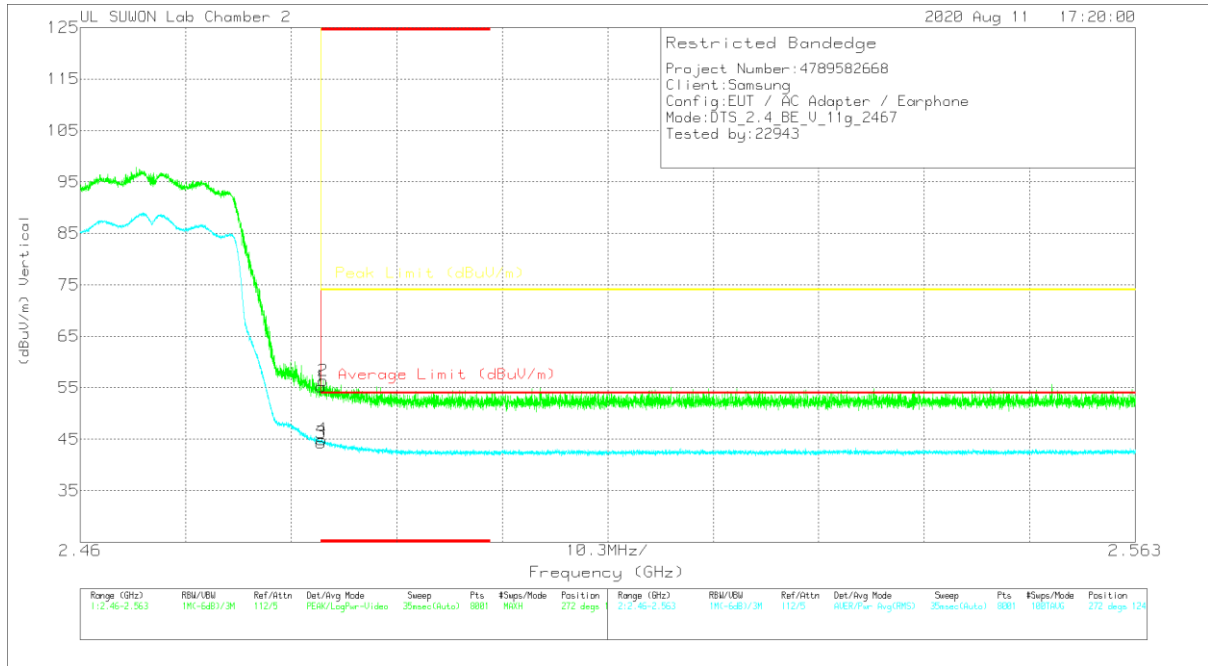


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	44.38	Pk	32	-20.4	0	25.98	-	-	74	-18.02	186	336	H
2	* 2.48384	45.46	Pk	32	-20.4	0	25.06	-	-	74	-16.94	186	336	H
3	* 2.48351	34.1	RMS	32	-20.4	0	45.7	54	-8.3	-	-	186	336	H
4	* 2.48399	34.5	RMS	32	-20.4	0	46.1	54	-7.9	-	-	186	336	H

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

VERTICAL RESULT



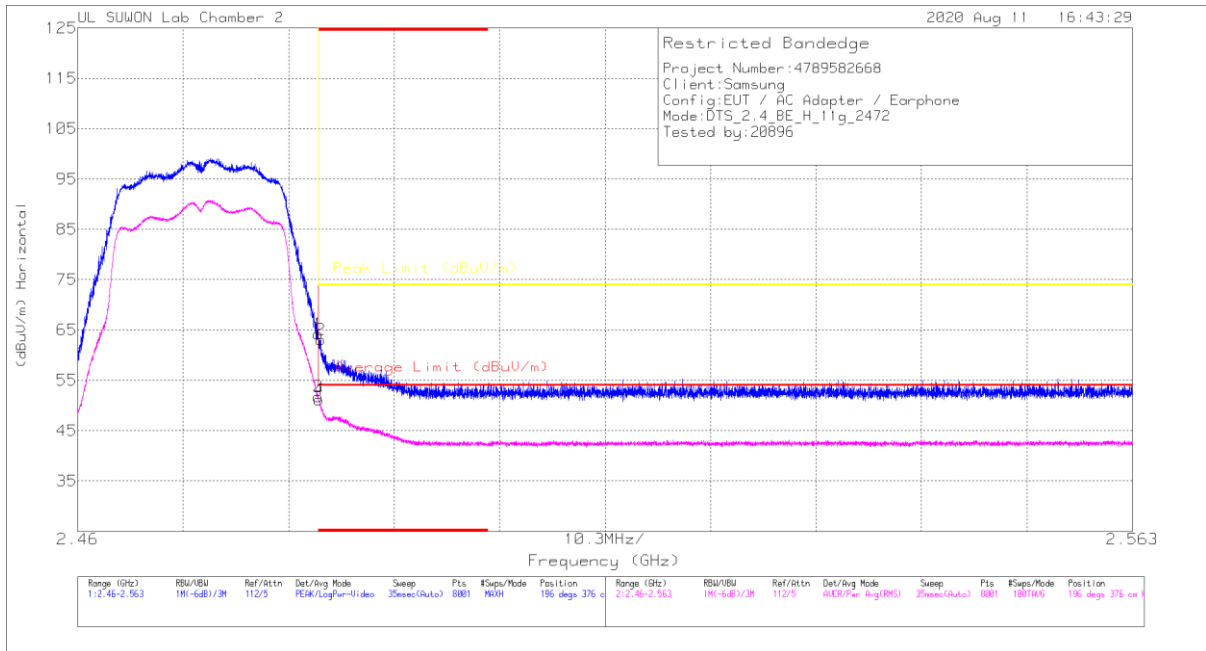
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	43.63	Pk	32	-20.4	0	55.23	-	-	74	-18.77	272	124	V
2	* 2.48374	44.77	Pk	32	-20.4	0	56.37	-	-	74	-17.63	272	124	V
3	* 2.48351	32.73	RMS	32	-20.4	0	44.33	54	-9.67	-	-	272	124	V
4	* 2.48357	33.34	RMS	32	-20.4	0	44.94	54	-9.06	-	-	272	124	V

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

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT

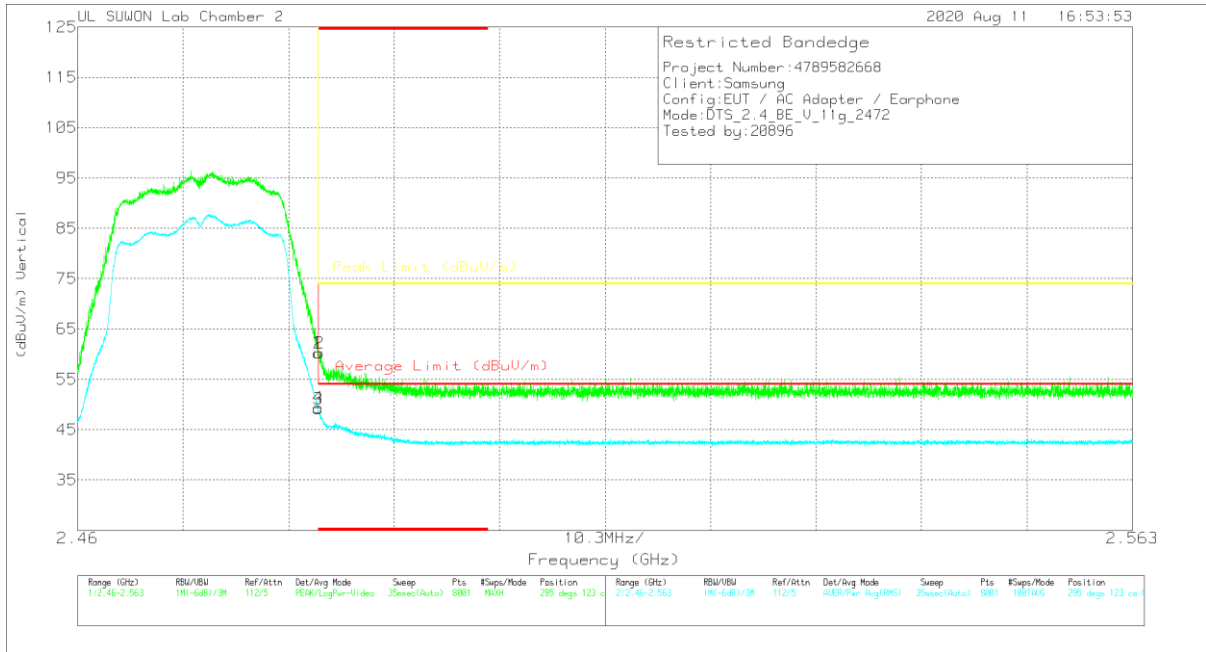


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	52.62	Pk	32	-20.4	0	64.22	-	-	74	-9.78	196	376	H
2	* 2.48372	51.47	Pk	32	-20.4	0	63.07	-	-	74	-10.93	196	376	H
3	* 2.48351	40.1	RMS	32	-20.4	0	51.7	54	-2.3	-	-	196	376	H
4	* 2.48355	39.58	RMS	32	-20.4	0	51.18	54	-2.82	-	-	196	376	H

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

VERTICAL RESULT

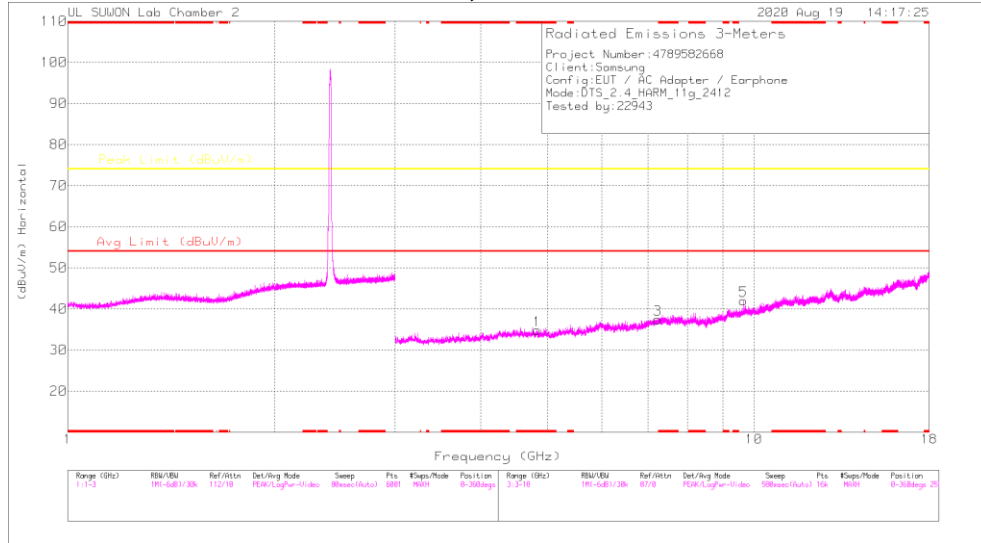


Trace Markers

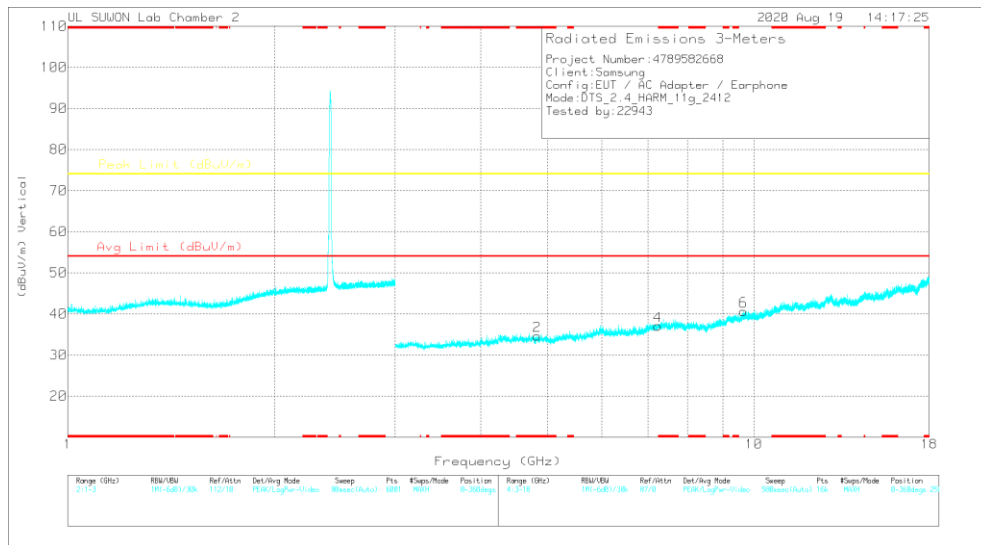
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	48.63	Pk	32	-20.4	0	60.23	-	-	74	-13.77	295	123	V
2	* 2.48359	48.66	Pk	32	-20.4	0	60.26	-	-	74	-13.74	295	123	V
3	* 2.48351	37.59	RMS	32	-20.4	0	49.19	54	-4.81	-	-	295	123	V
4	* 2.48352	37.77	RMS	32	-20.4	0	49.37	54	-4.63	-	-	295	123	V

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

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL, CH 1 RESULTS



HORIZONTAL



VERTICAL

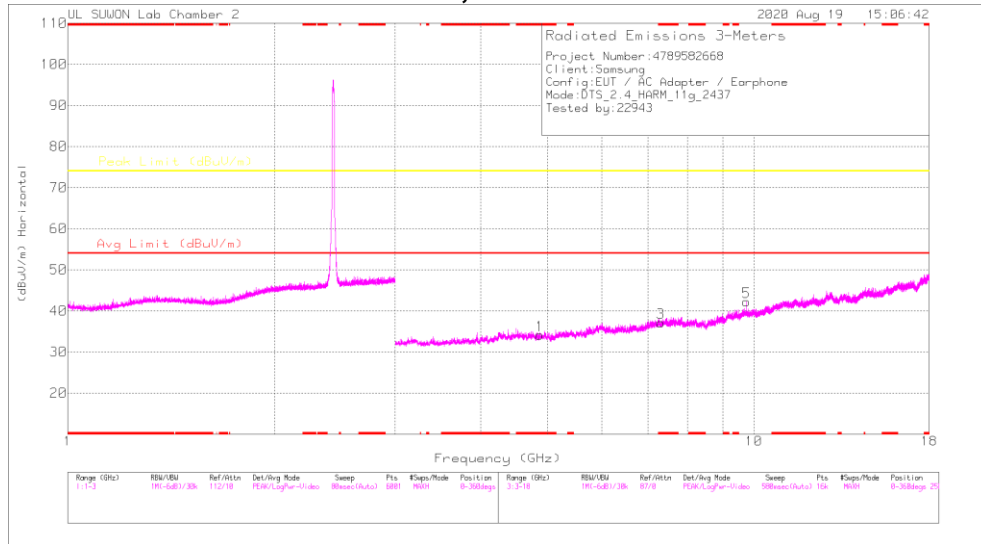
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

RADIATED EMISSIONS

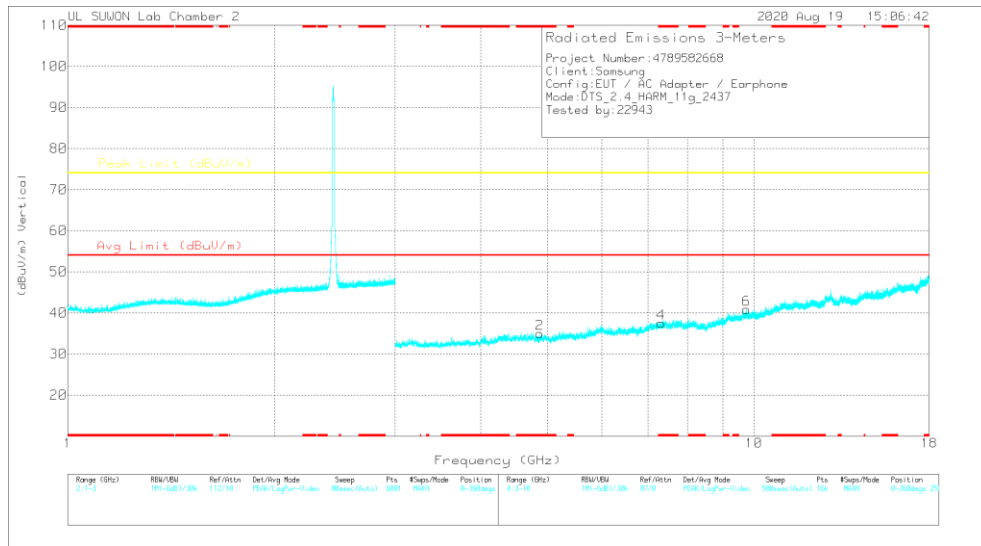
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.82338	37	PK2	34.1	-28.1	0	43.36	-	-	74	-31	0	100	H
* 4.82276	37.36	PK2	34.1	-28.1	0	43.36	-	-	74	-30.64	360	100	V
7.23547	35.32	PK2	36.2	-25.4	0	46.12	-	-	74	-27.88	0	100	H
7.23665	35.54	PK2	36.2	-25.4	0	46.34	-	-	74	-27.66	360	100	V
9.64786	34.25	PK2	37	-21.5	0	49.75	-	-	74	-24.25	193	234	H
9.64288	32.64	PK2	37	-21.5	0	48.14	-	-	74	-25.86	184	130	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak

MID CHANNEL, CH 6 RESULTS



HORIZONTAL



VERTICAL

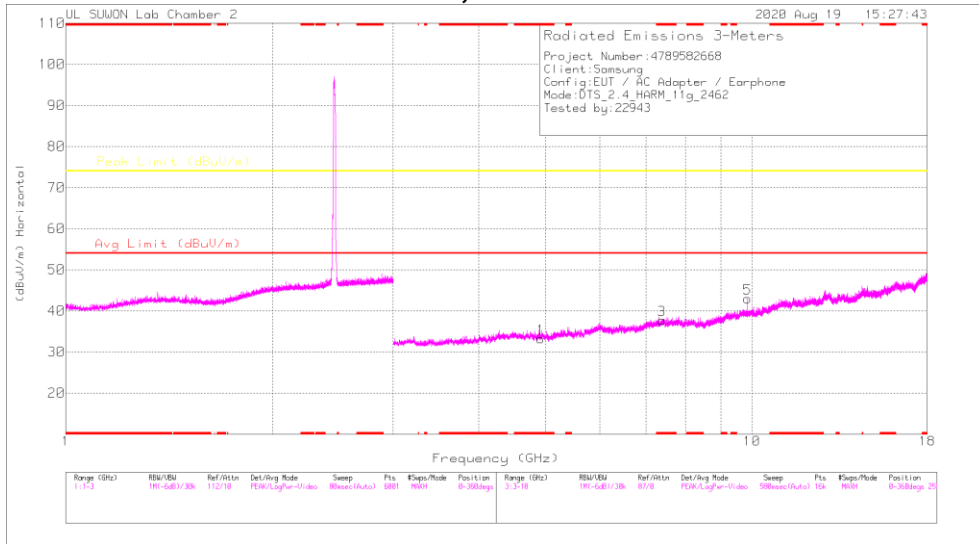
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

RADIATED EMISSIONS

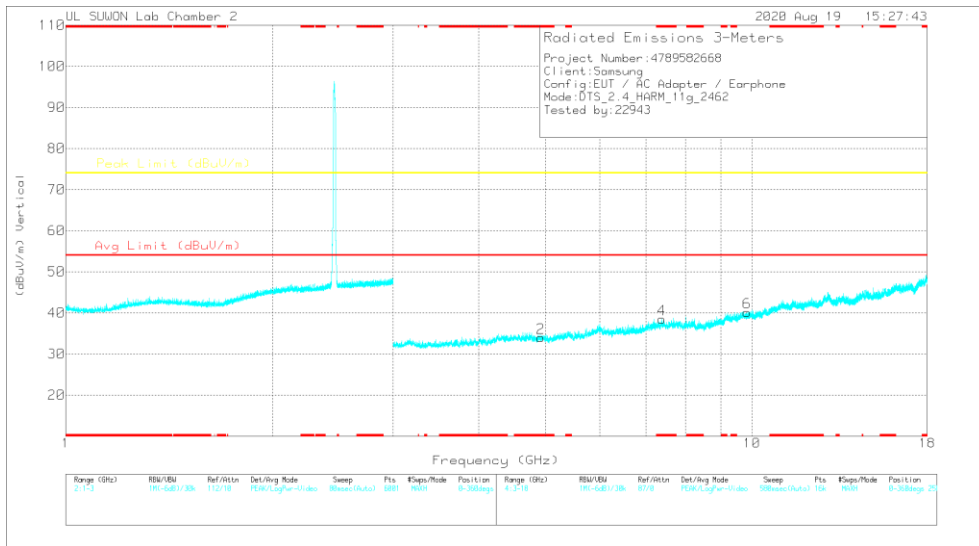
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.87521	36.56	PK2	34.1	-27.9	0	42.76	-	-	74	-31.24	360	100	H
* 4.87212	37.39	PK2	34.1	-27.9	0	43.59	-	-	74	-30.41	360	100	V
* 7.31033	35.29	PK2	36.2	-24.9	0	46.59	-	-	74	-27.41	360	100	H
* 7.30964	35.38	PK2	36.2	-24.9	0	46.68	-	-	74	-27.32	360	100	V
9.74798	34.2	PK2	37.2	-21.2	0	50.2	-	-	74	-23.8	158	236	H
9.73824	33.21	PK2	37.1	-21.2	0	49.11	-	-	74	-24.89	311	105	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak

HIGH CHANNEL, CH 11 RESULTS



HORIZONTAL



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.

RADIATED EMISSIONS

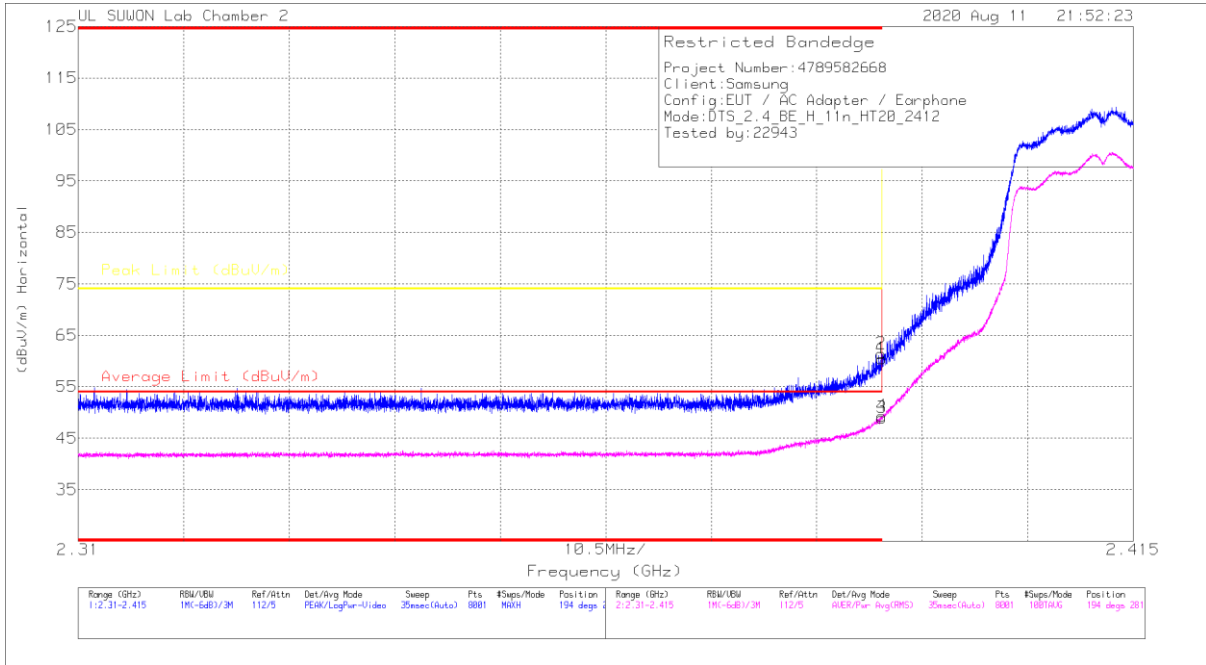
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.92402	35.97	PK2	34.1	-27.2	0	42.87	-	-	74	-31.13	360	100	H
* 4.92322	36.21	PK2	34.1	-27.2	0	43.11	-	-	74	-30.89	0	100	V
* 7.38771	34.61	PK2	36.1	-24.1	0	46.61	-	-	74	-27.39	360	100	H
* 7.31282	35.74	PK2	36.1	-24.9	0	46.94	-	-	74	-27.06	0	100	V
9.84774	34.4	PK2	37.3	-21.6	0	50.1	-	-	74	-23.9	230	228	H
9.84394	32.65	PK2	37.3	-21.6	0	48.35	-	-	74	-25.65	90	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak

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

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT

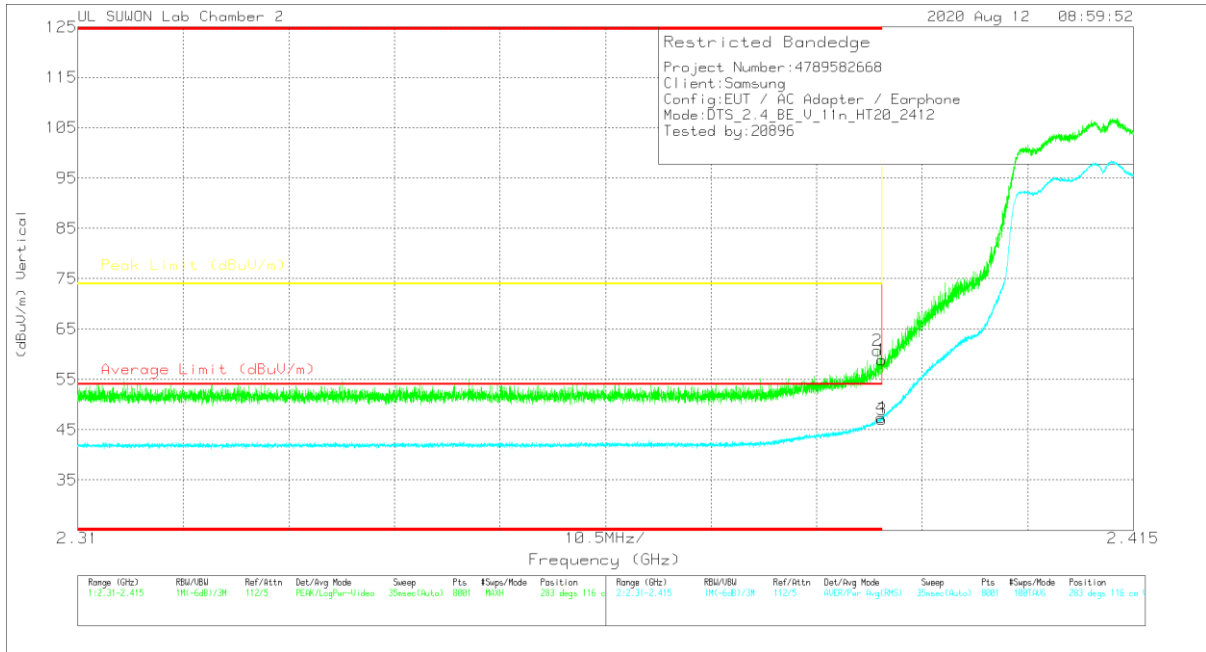


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	49.19	PK	31.9	-20.6	0	60.49	-	-	74	-13.51	194	281	H
2	* 2.38993	50.15	PK	31.9	-20.6	0	61.45	-	-	74	-12.55	194	281	H
3	* 2.39	37.69	RMS	31.9	-20.6	0	48.99	54	-5.01	-	-	194	281	H
4	* 2.38996	38.03	RMS	31.9	-20.6	0	49.33	54	-4.67	-	-	194	281	H

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

VERTICAL RESULT



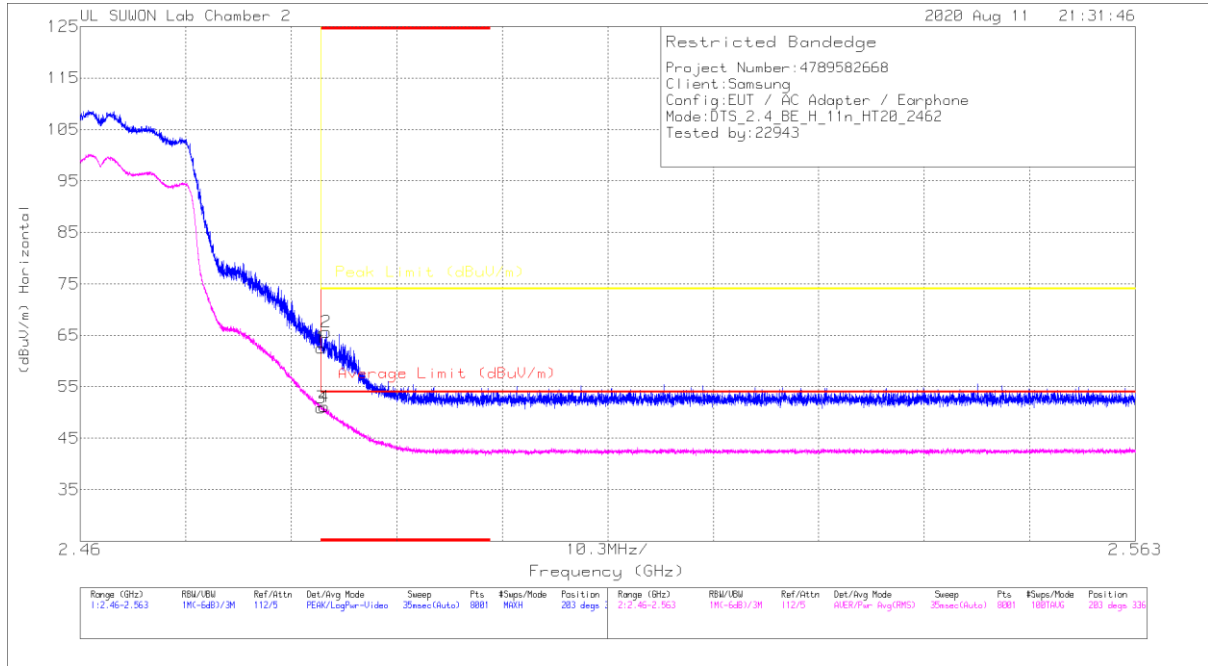
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBu)	Det	3117_00168724	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBu/μm)	Average Limit (dBu/μm)	Margin (dB)	Peak Limit (dBu/μm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	47.52	Pk	31.9	-20.6	0	58.82	-	-	74	-15.18	283	116	V
2	* 2.38956	49.39	Pk	31.9	-20.6	0	60.89	-	-	74	-13.31	283	116	V
3	* 2.39	35.77	RMS	31.9	-20.6	0	47.07	54	-6.93	-	-	283	116	V
4	* 2.38991	36.12	RMS	31.9	-20.6	0	47.42	54	-6.58	-	-	283	116	V

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

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT

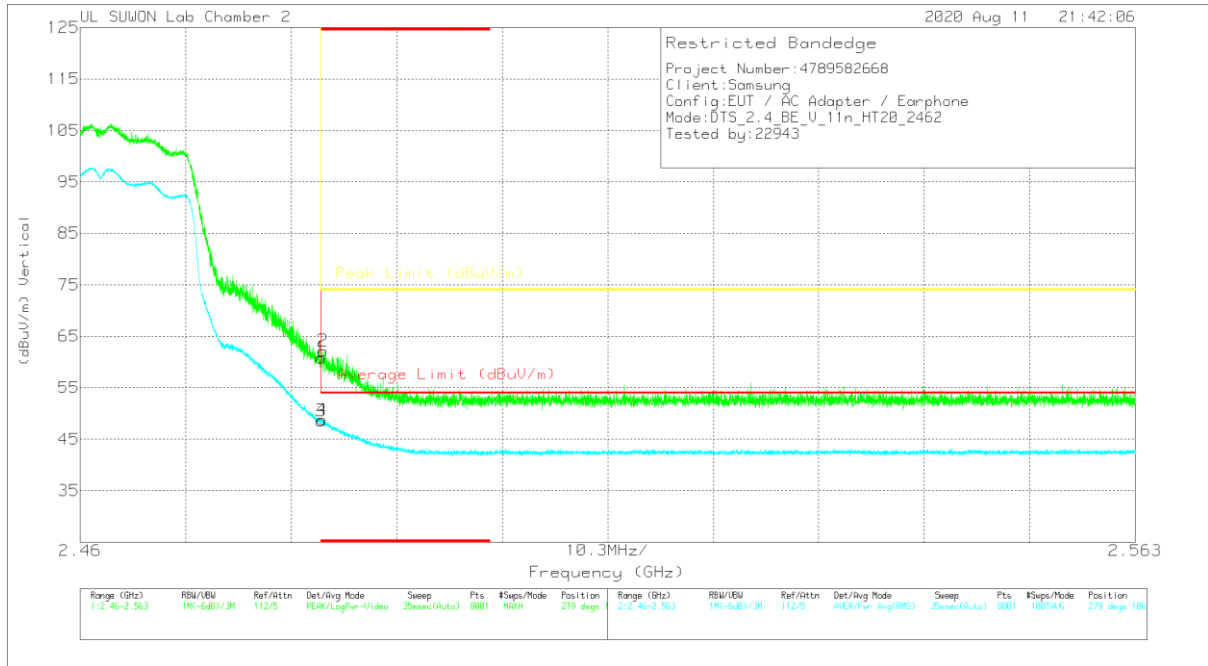


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	50.96	Pk	32	-20.4	0	62.56	-	-	74	-11.44	203	336	H
2	* 2.48401	54.05	Pk	32	-20.4	0	65.65	-	-	74	-8.35	203	336	H
3	* 2.48351	39.3	RMS	32	-20.4	0	50.9	54	-3.1	-	-	203	336	H
4	* 2.48382	39.52	RMS	32	-20.4	0	51.12	54	-2.88	-	-	203	336	H

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

VERTICAL RESULT



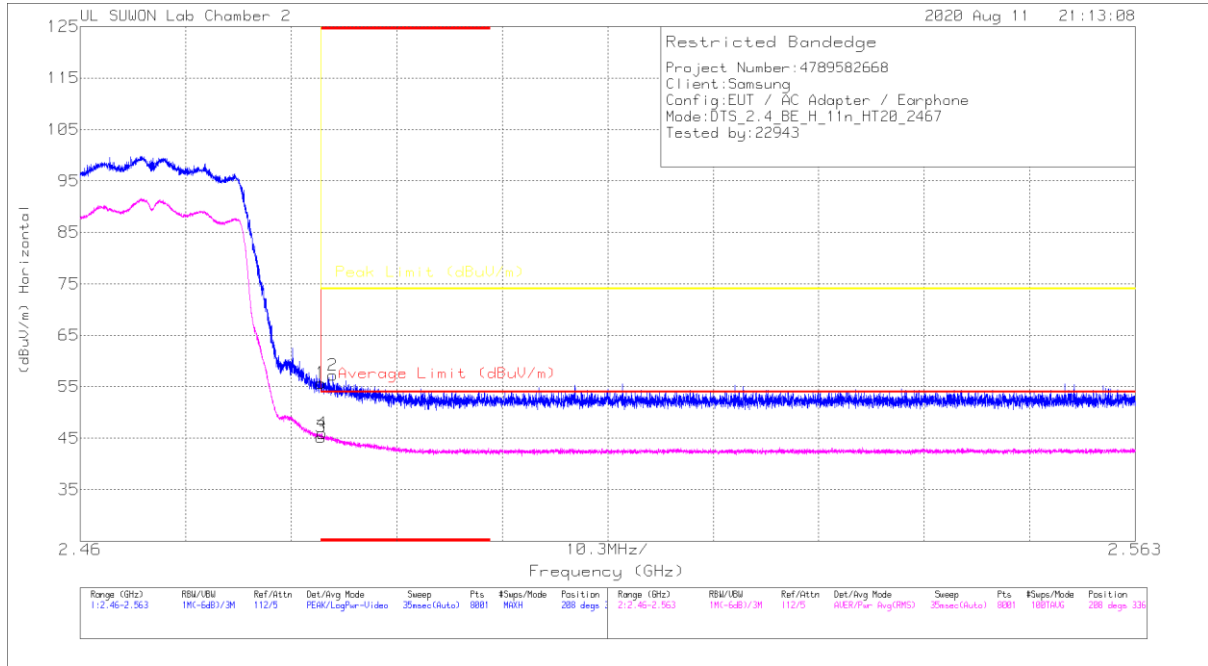
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	49.22	Pk	32	-20.4	0	60.82	-	-	74	-13.18	279	106	V
2	* 2.4837	50.56	Pk	32	-20.4	0	62.16	-	-	74	-11.84	279	106	V
3	* 2.48351	36.99	RMS	32	-20.4	0	48.59	54	-5.41	-	-	279	106	V
4	* 2.48359	37.22	RMS	32	-20.4	0	48.82	54	-5.18	-	-	279	106	V

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

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT

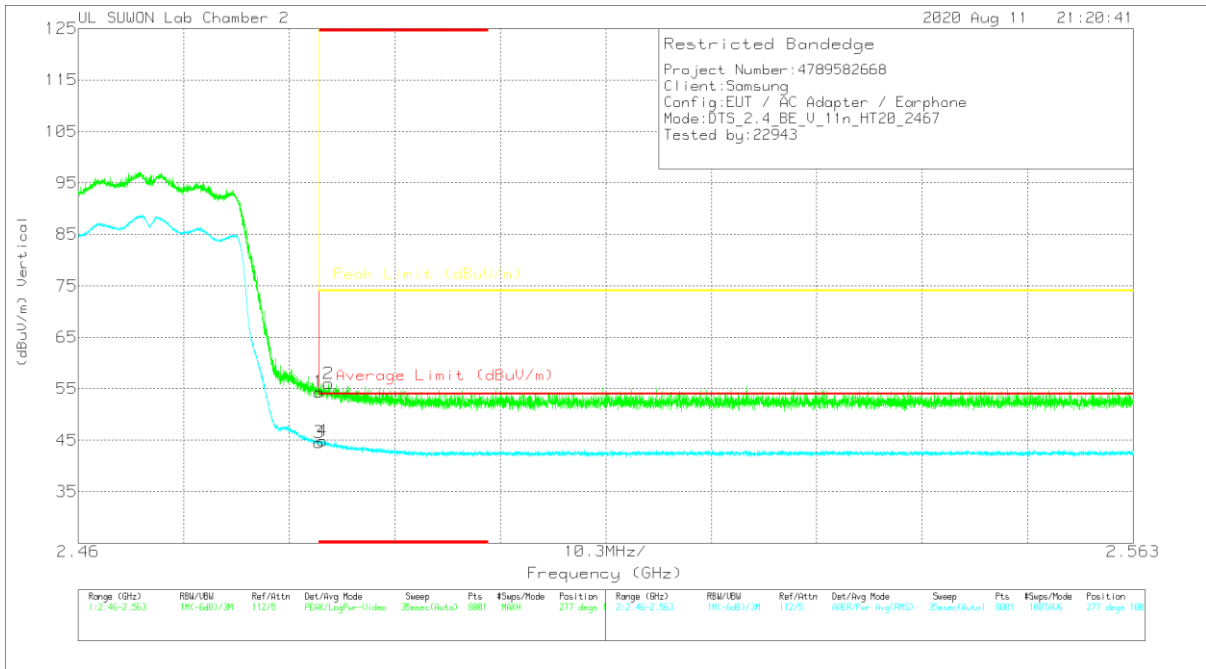


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Asimuh (Degs)	Height (cm)	Polarity
1	* 2.48351	44.09	Pk	32	-20.4	0	55.69	-	-	74	-18.31	208	336	H
2	* 2.48466	45.64	Pk	32	-20.4	0	57.24	-	-	74	-16.76	208	336	H
3	* 2.48351	33.61	RMS	32	-20.4	0	45.21	54	-8.79	-	-	208	336	H
4	2.48359	34.37	RMS	32	-20.4	0	45.97	54	-8.03	-	-	208	336	H

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

VERTICAL RESULT



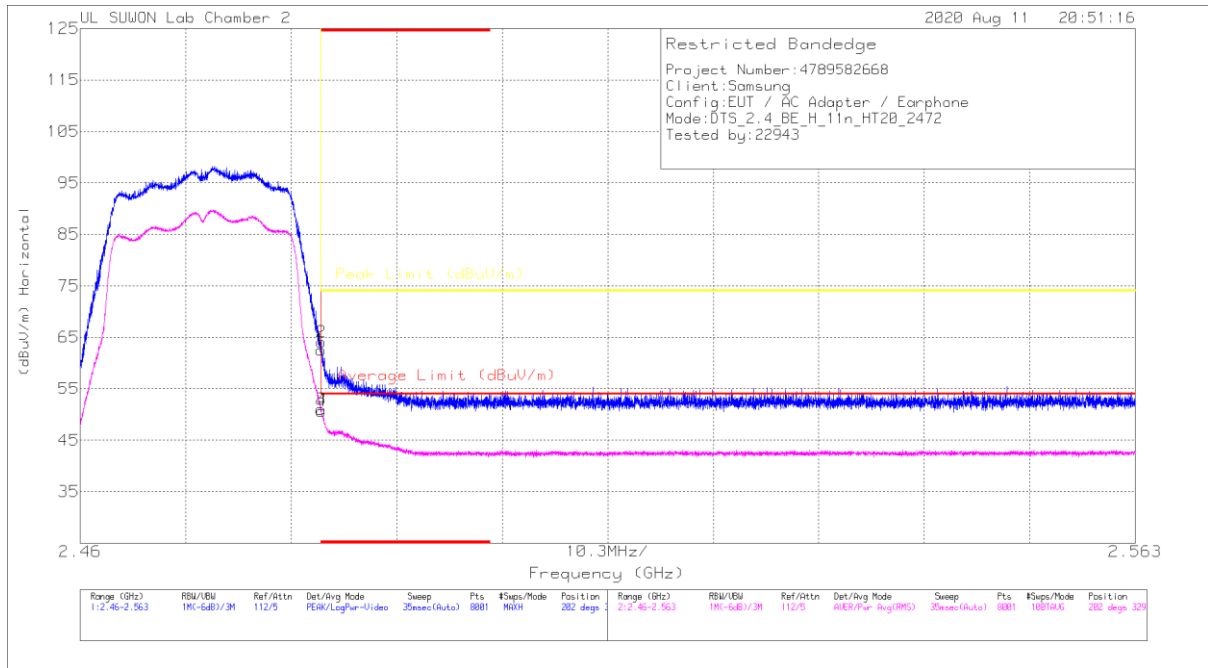
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	42.78	Pk	32	-20.4	0	54.38	-	-	74	-19.62	277	100	V
2	* 2.48444	44.4	Pk	32	-20.4	0	56	-	-	74	-18	277	100	V
3	* 2.48351	32.95	RMS	32	-20.4	0	44.55	54	-9.45	-	-	277	100	V
4	* 2.48386	33.29	RMS	32	-20.4	0	44.89	54	-9.11	-	-	277	100	V

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

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT

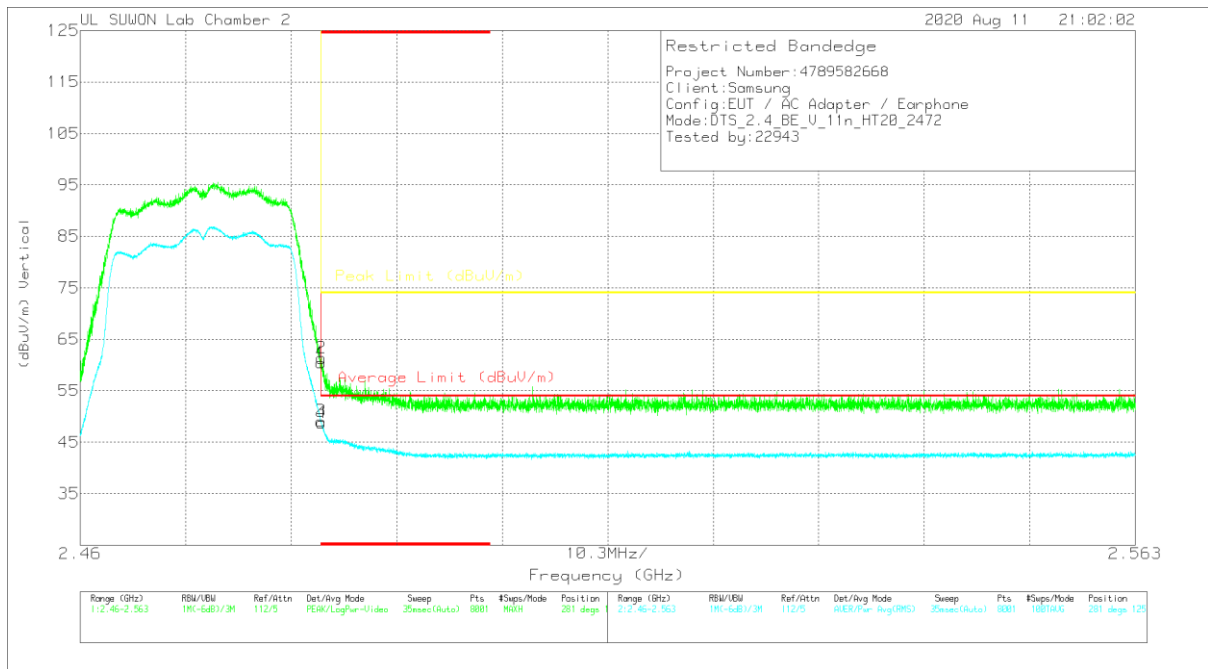


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	50.97	Pk	32	-20.4	0	62.57	-	-	74	-11.43	202	329	H
2	* 2.48356	52.49	Pk	32	-20.4	0	64.09	-	-	74	-9.91	202	329	H
3	* 2.48351	39.39	RMS	32	-20.4	0	50.99	54	-3.01	-	-	202	329	H
4	* 2.48356	39.09	RMS	32	-20.4	0	50.69	54	-3.31	-	-	202	329	H

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

VERTICAL RESULT

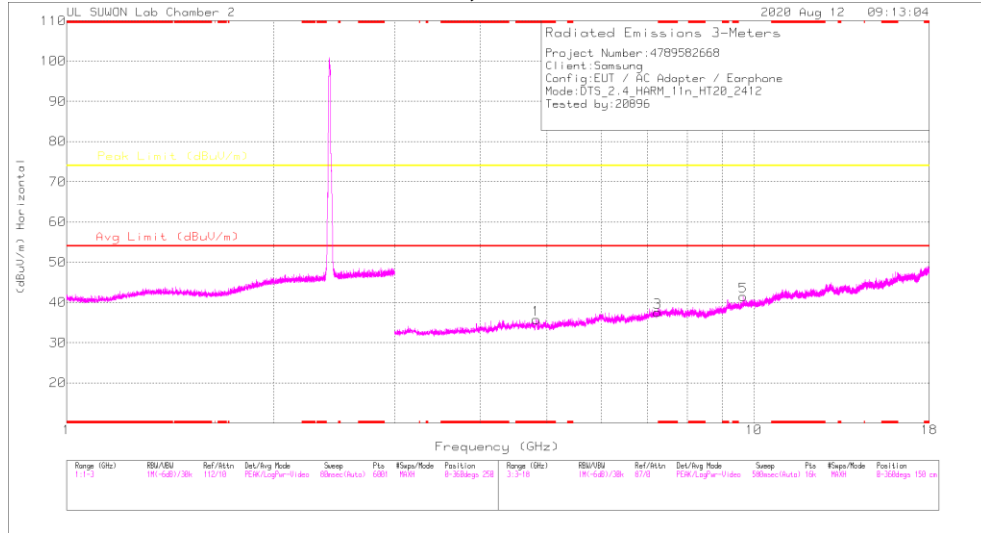


Trace Markers

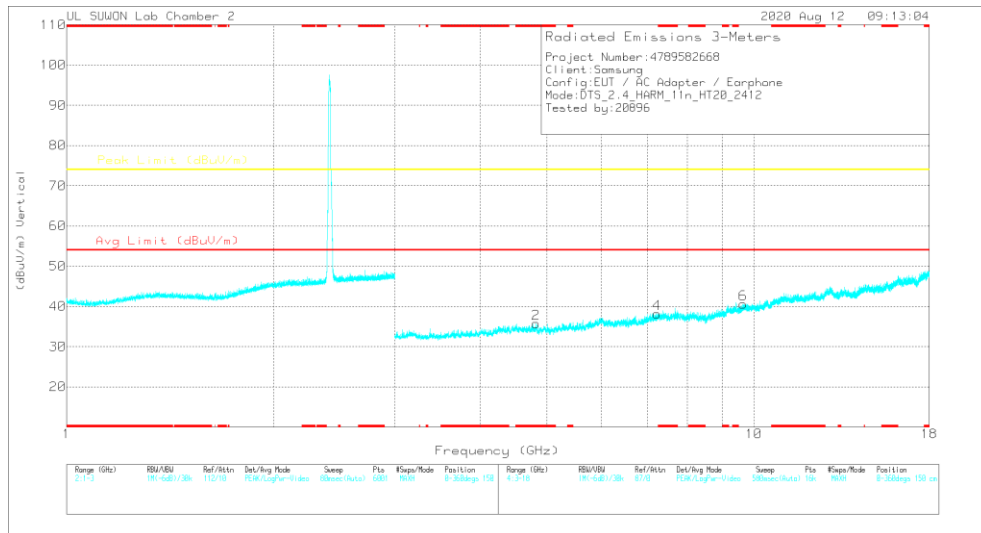
Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	49.84	Pk	32	-20.4	0	60.44	-	-	74	-13.56	281	125	V
2	* 2.48356	49.76	Pk	32	-20.4	0	61.36	-	-	74	-12.64	281	125	V
3	* 2.48351	37.51	RMS	32	-20.4	0	49.11	54	-4.89	-	-	281	125	V
4	* 2.48354	37.18	RMS	32	-20.4	0	48.78	54	-5.22	-	-	281	125	V

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

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL, CH 1 RESULTS



HORIZONTAL



VERTICAL

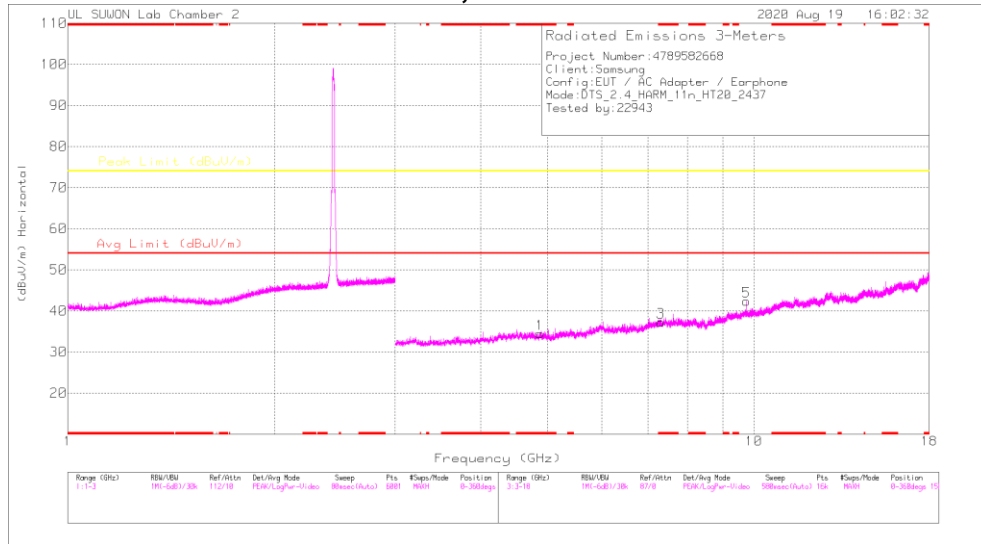
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

RADIATED EMISSIONS

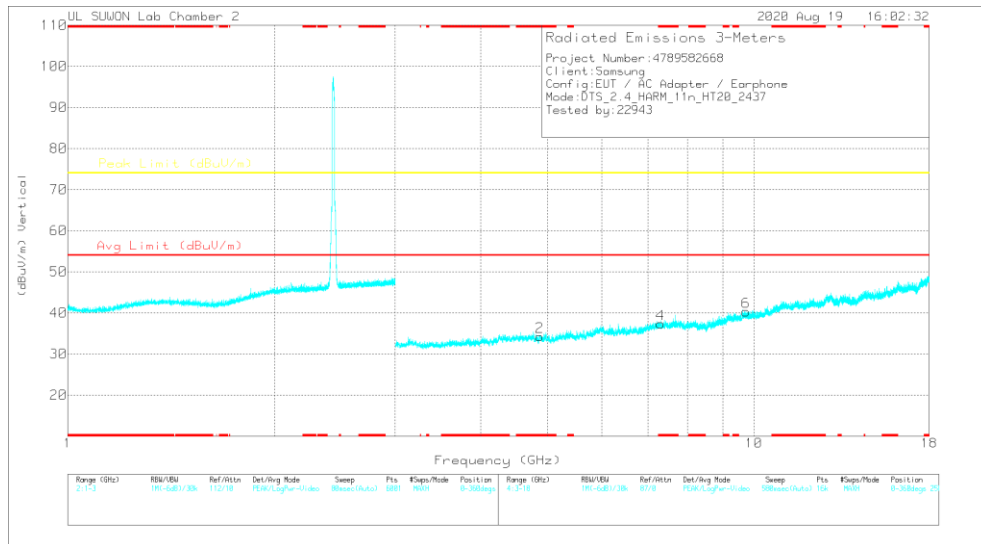
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0016872_4	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.8234	39.12	PK2	34.1	-28.1	0	45.12	-	-	74	-28.88	117	207	H
* 4.82472	27	MAv1	34.1	-28.1	0	33	54	-21	-	-	117	207	H
* 4.82208	39.08	PK2	34.1	-28.1	0	45.08	-	-	74	-28.92	203	247	V
* 4.82412	27.12	MAv1	34.1	-28.1	0	33.12	54	-20.88	-	-	203	247	V
7.2397	35.66	PK2	36.2	-25.4	0	46.46	-	-	74	-27.54	360	100	H
7.23965	35.83	PK2	36.2	-25.4	0	46.63	-	-	74	-27.37	360	100	V
9.64809	33.85	PK2	37	-21.5	0	49.35	-	-	74	-24.65	126	123	H
9.65679	32.94	PK2	37	-21.4	0	48.54	-	-	74	-25.46	211	125	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, CH 6 RESULTS



HORIZONTAL



VERTICAL

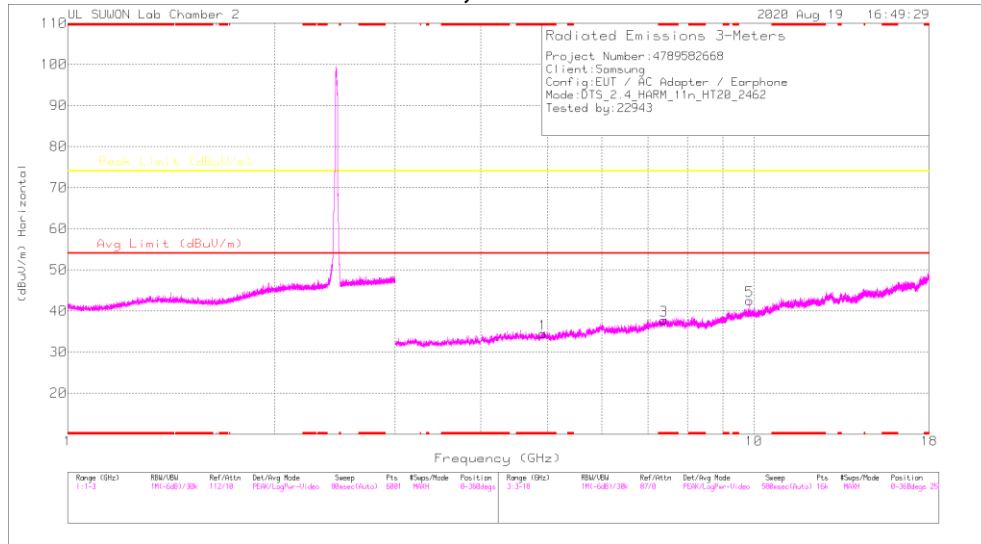
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

RADIATED EMISSIONS

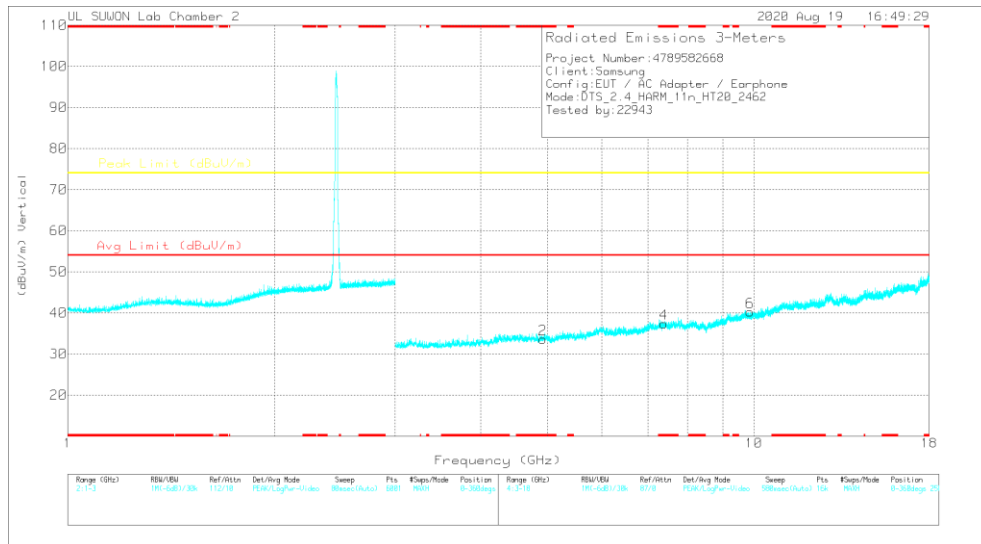
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.87503	36.46	PK2	34.1	-27.9	0	42.66	-	-	74	-31.34	0	100	H
* 4.87231	36.96	PK2	34.1	-27.9	0	43.16	-	-	74	-30.84	360	100	V
* 7.31263	35.31	PK2	36.1	-24.9	0	46.51	-	-	74	-27.49	0	100	H
* 7.31095	35.74	PK2	36.2	-24.9	0	47.04	-	-	74	-26.96	360	100	V
9.74824	34.36	PK2	37.2	-21.2	0	50.36	-	-	74	-23.64	203	237	H
9.74588	33.14	PK2	37.2	-21.2	0	49.14	-	-	74	-24.86	314	106	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak

HIGH CHANNEL, CH 11 RESULTS



HORIZONTAL



VERTICAL

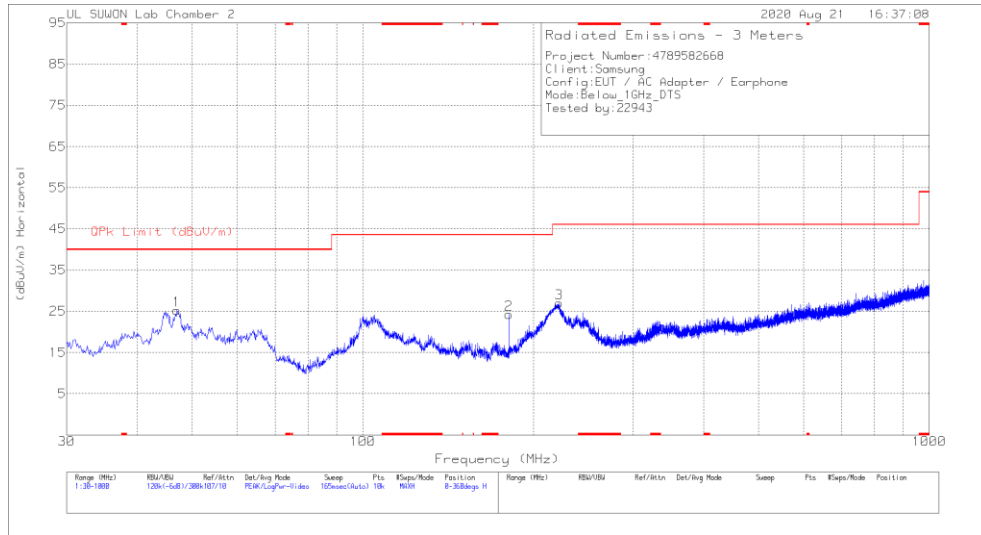
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

RADIATED EMISSIONS

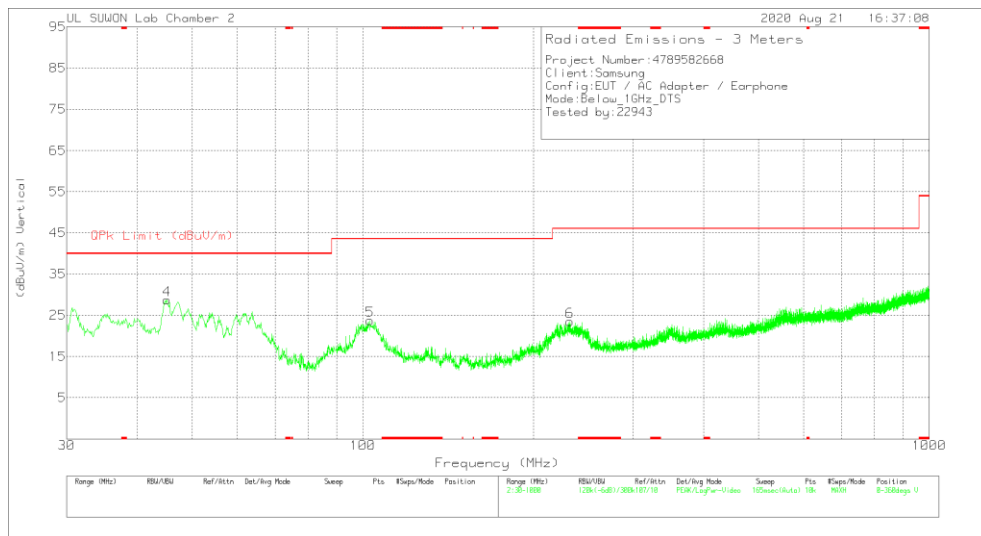
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.92254	35.79	PK2	34.1	-27.2	0	42.69	-	-	74	-31.31	360	100	H
* 4.92312	36.21	PK2	34.1	-27.2	0	43.11	-	-	74	-30.89	0	100	V
* 7.38776	34.72	PK2	36.1	-24.1	0	46.72	-	-	74	-27.28	360	100	H
* 7.38714	35.33	PK2	36.1	-24.1	0	47.33	-	-	74	-26.67	0	100	V
9.84812	34.4	PK2	37.3	-21.6	0	50.1	-	-	74	-23.9	158	237	H
9.85648	32.65	PK2	37.3	-21.5	0	48.45	-	-	74	-25.55	108	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak

10.2. WORST CASE BELOW 1 GHZ



HORIZONTAL



VERTICAL

Below 1GHz DATA

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	46.975	37.31	Pk	19.8	-31.9	25.21	40	-14.79	0-360	400	H
2	181.126	39.74	Pk	15.4	-30.9	24.24	43.52	-19.28	0-360	100	H
3	221.963	40.57	Pk	17.1	-30.7	26.97	46.02	-19.05	0-360	100	H
4	45.132	40.93	Pk	19.6	-31.8	28.73	40	-11.27	0-360	100	V
5	102.944	37.41	Pk	17.6	-31.3	23.71	43.52	-19.81	0-360	100	V
6	231.954	36.35	Pk	17.7	-30.6	23.45	46.02	-22.57	0-360	100	V

Pk - Peak detector

11. 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.

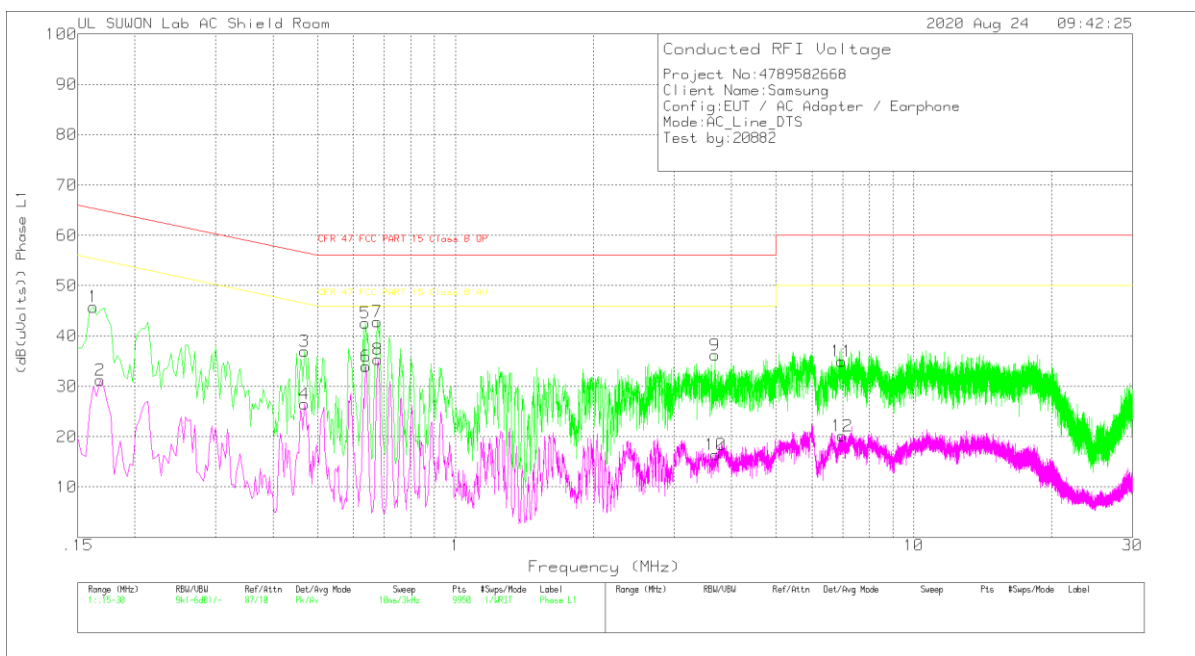
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

11.1.1. AC Power Line

LINE 1 RESULTS



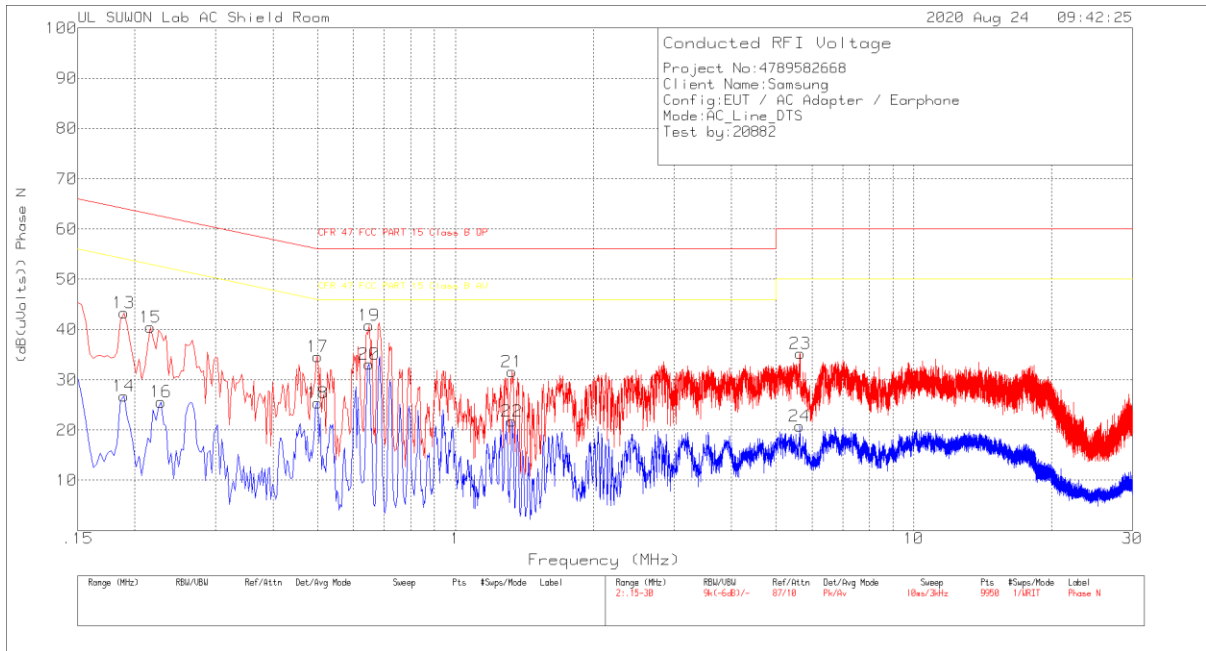
Trace Markers

Range 1: Phase L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101836_Wit h EX_L1[dB]	CABLELOS S(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	35.76	Pk	9.9	.1	45.76	65.36	-19.6	-	-
2	.168	21.13	Av	10	.1	31.23	-	-	55.06	-23.83
3	.468	26.87	Pk	9.9	.2	36.97	56.55	-19.58	-	-
4	.468	16.35	Av	9.9	.2	26.45	-	-	46.55	-20.1
5	.636	32.5	Pk	9.9	.2	42.6	56	-13.4	-	-
6	.639	23.86	Av	9.9	.2	33.96	-	-	46	-12.04
7	.675	32.74	Pk	9.9	.2	42.84	56	-13.16	-	-
8	.678	25.21	Av	9.9	.2	35.31	-	-	46	-10.69
9	3.684	26.08	Pk	9.8	.3	36.18	56	-19.82	-	-
10	3.696	6.36	Av	9.8	.3	16.46	-	-	46	-29.54
11	6.969	24.86	Pk	9.8	.3	34.96	60	-25.04	-	-
12	6.975	9.99	Av	9.8	.3	20.09	-	-	50	-29.91

Pk - Peak detector
 Av - Average detection

LINE 2 RESULTS



Trace Markers

Range 2: Phase N .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101836_Wit h EX_N[dB]	CABLELOS S(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	.189	33.13	Pk	10	.2	43.33	64.08	-20.75	-	-
14	.189	16.51	Av	10	.2	26.71	-	-	54.08	-27.37
15	.216	30.46	Pk	9.8	.2	40.46	62.97	-22.51	-	-
16	.228	15.57	Av	9.8	.2	25.57	-	-	52.52	-26.95
17	.501	24.49	Pk	9.9	.2	34.59	56	-21.41	-	-
18	.501	15.3	Av	9.9	.2	25.4	-	-	46	-20.6
19	.648	30.75	Pk	9.9	.2	40.85	56	-15.15	-	-
20	.648	23.06	Av	9.9	.2	33.16	-	-	46	-12.84
21	1.329	21.54	Pk	9.8	.3	31.64	56	-24.36	-	-
22	1.329	11.72	Av	9.8	.3	21.82	-	-	46	-24.18
23	5.649	25.13	Pk	9.8	.3	35.23	60	-24.77	-	-
24	5.64	10.66	Av	9.8	.3	20.76	-	-	50	-29.24

PK - Peak detector
 Av - Average detection

END OF TEST REPORT