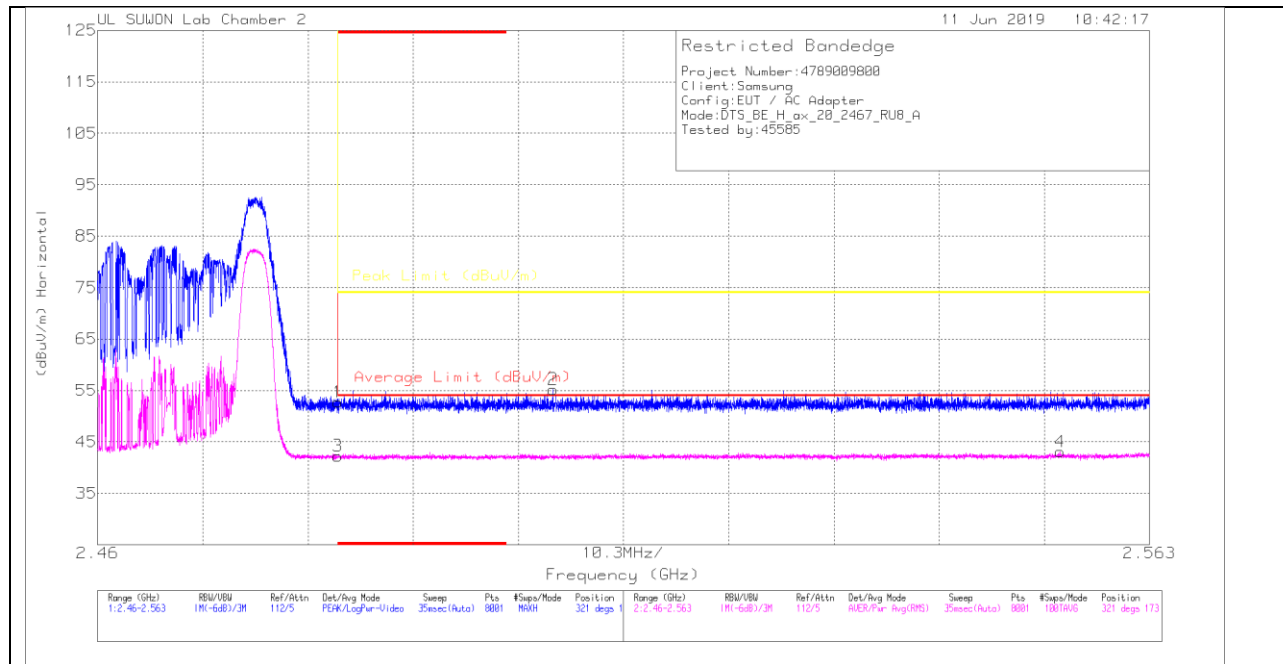


26T RU mode (MIMO / RU offset 8)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

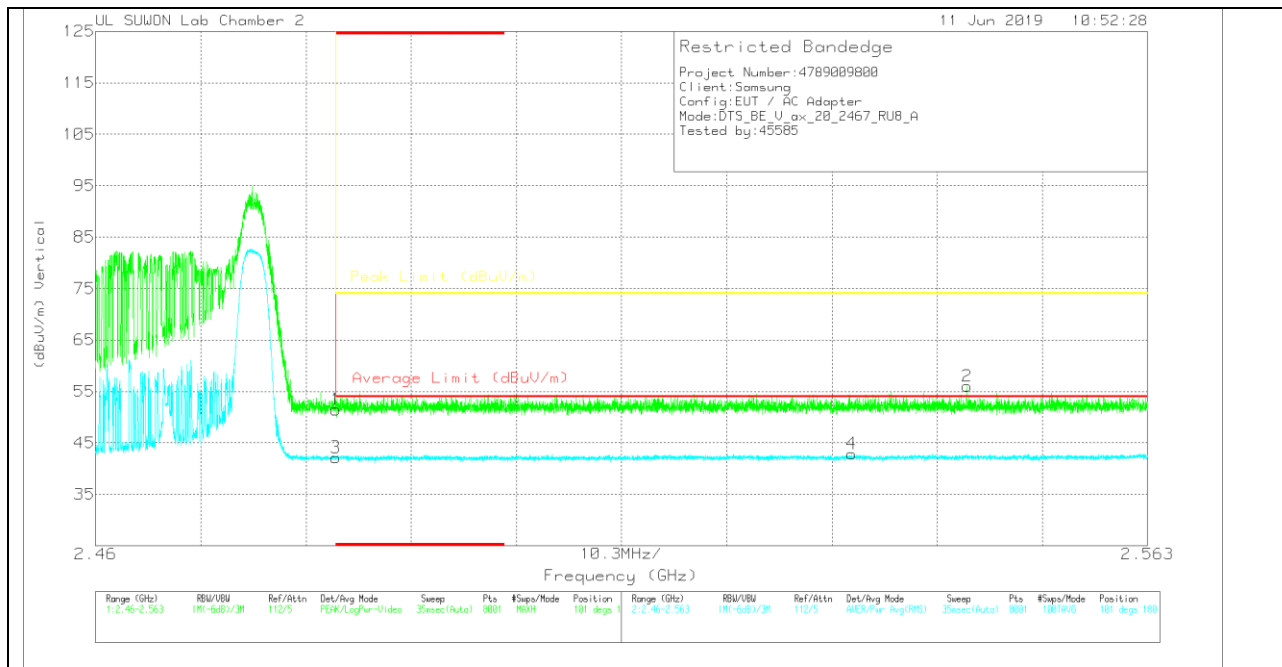
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	41.43	Pk	31.9	-20.6	0	52.73	-	-	74	-21.27	321	173	H
2	2.505	43.91	Pk	31.9	-20.6	0	55.21	-	-	74	-18.79	321	173	H
3	* 2.484	30.95	RMS	31.9	-20.6	0	42.25	54	-11.75	-	-	321	173	H
4	2.554	31.45	RMS	32	-20.4	0	43.05	54	-10.95	-	-	321	173	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.484	40.17	Pk	31.9	-20.6	0	51.47	-	-	74	-22.53	101	180	V
2	2.545	44.5	Pk	32	-20.5	0	56	-	-	74	-18	101	180	V
3	* 2.484	30.84	RMS	31.9	-20.6	0	42.14	54	-11.86	-	-	101	180	V
4	2.534	31.39	RMS	32	-20.5	0	42.89	54	-11.11	-	-	101	180	V

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

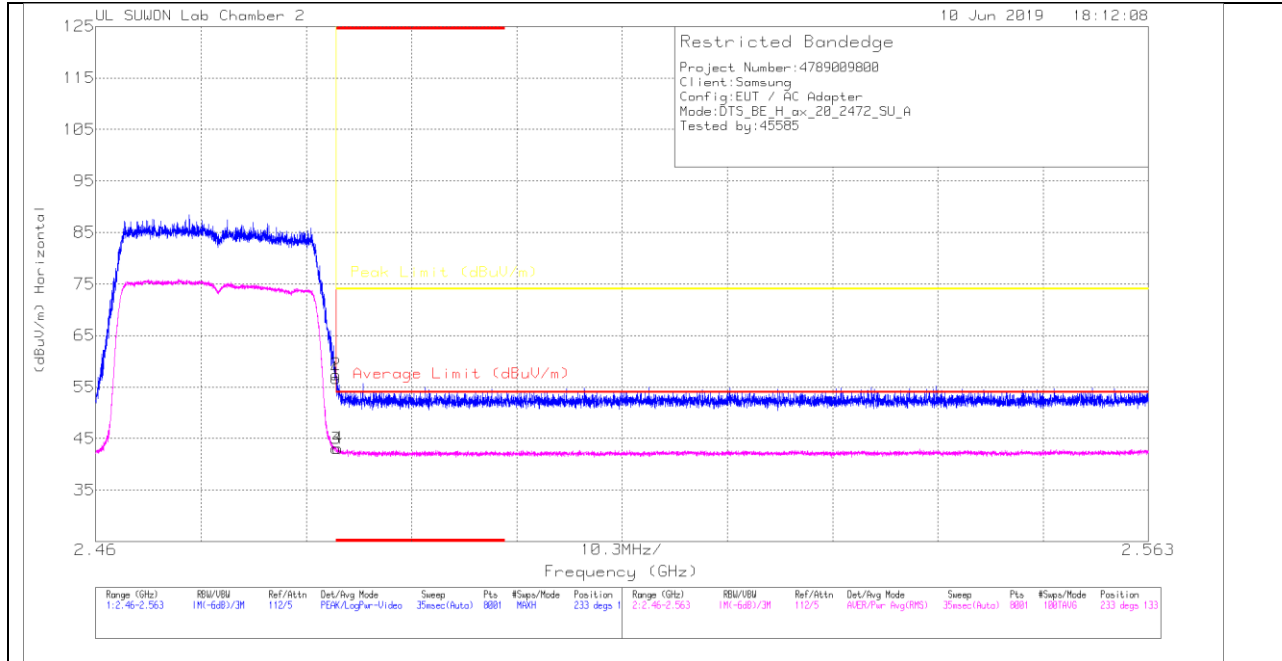
Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (13 CHANNEL)

SU mode (MIMO)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

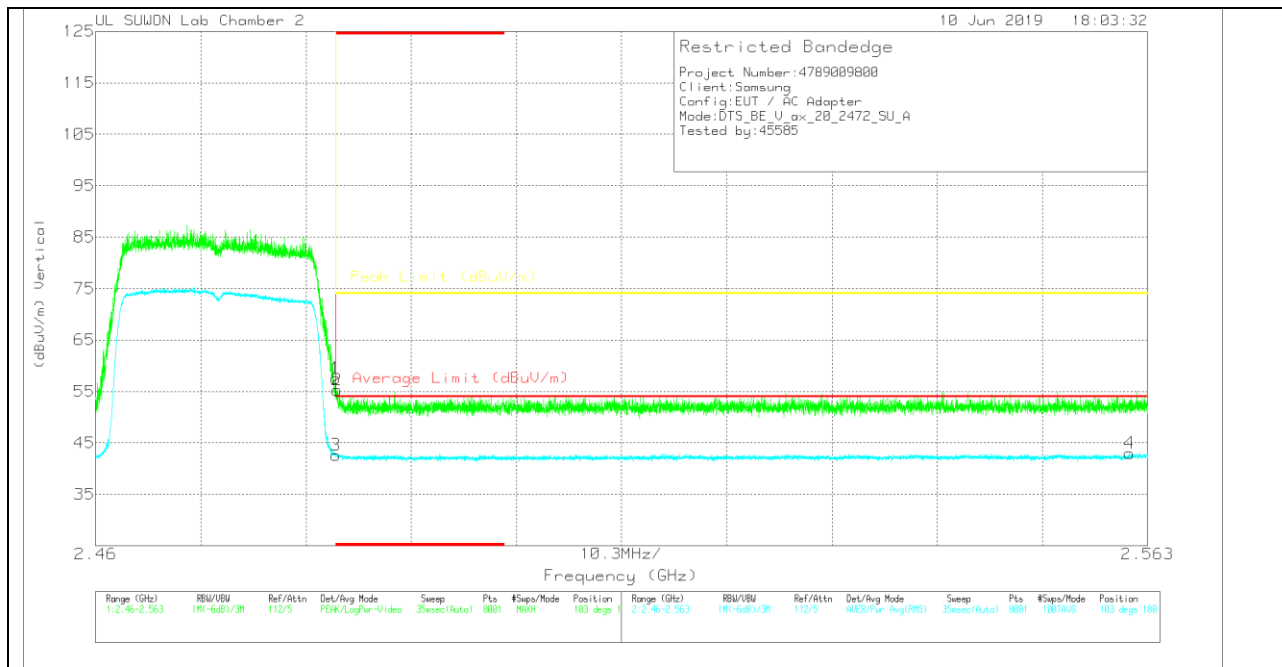
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.484	45.39	Pk	31.9	-20.6	0	56.69	-	-	74	-17.31	233	133	H
2	* 2.484	46.11	Pk	31.9	-20.6	0	57.41	-	-	74	-16.59	233	133	H
3	* 2.484	31.79	RMS	31.9	-20.6	0	43.09	54	-10.91	-	-	233	133	H
4	* 2.484	31.83	RMS	31.9	-20.6	0	43.13	54	-10.87	-	-	233	133	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.28	Pk	31.9	-20.6	0	57.58	-	-	74	-16.42	103	180	V
2	* 2.484	43.95	Pk	31.9	-20.6	0	55.25	-	-	74	-18.75	103	180	V
3	* 2.484	31.32	RMS	31.9	-20.6	0	42.62	54	-11.38	-	-	103	180	V
4	2.561	31.5	RMS	32	-20.5	0	43	54	-11	-	-	103	180	V

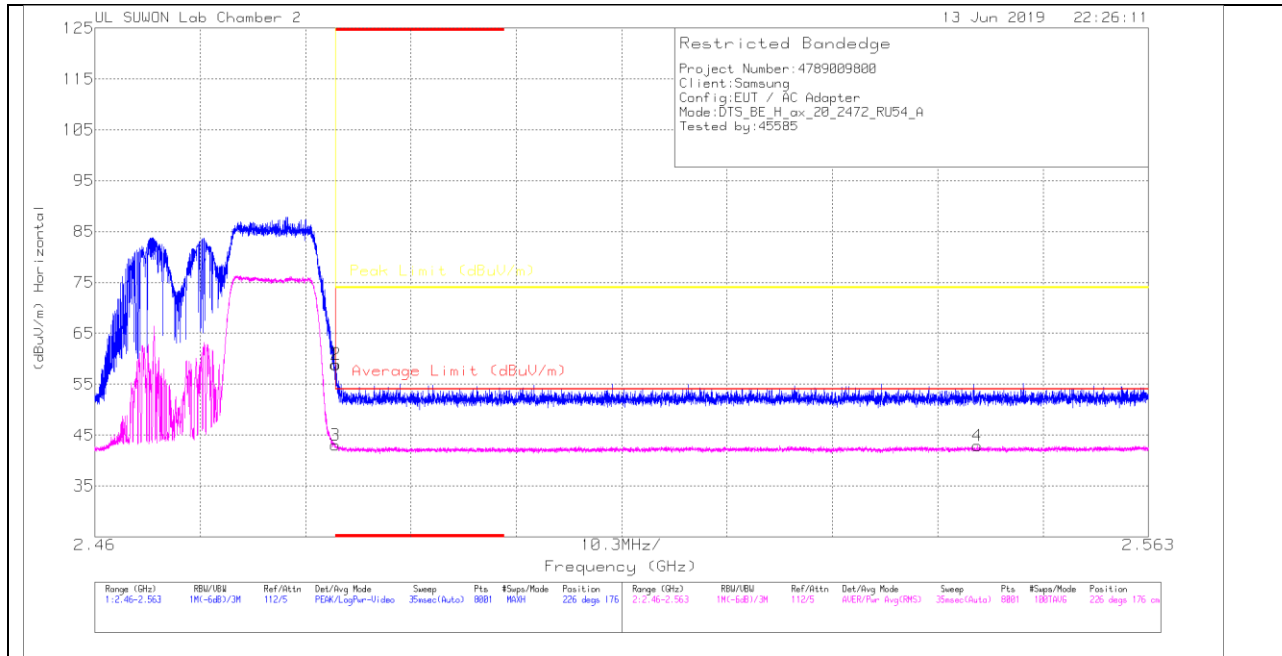
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

106T RU mode (MIMO / RU offset 54)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

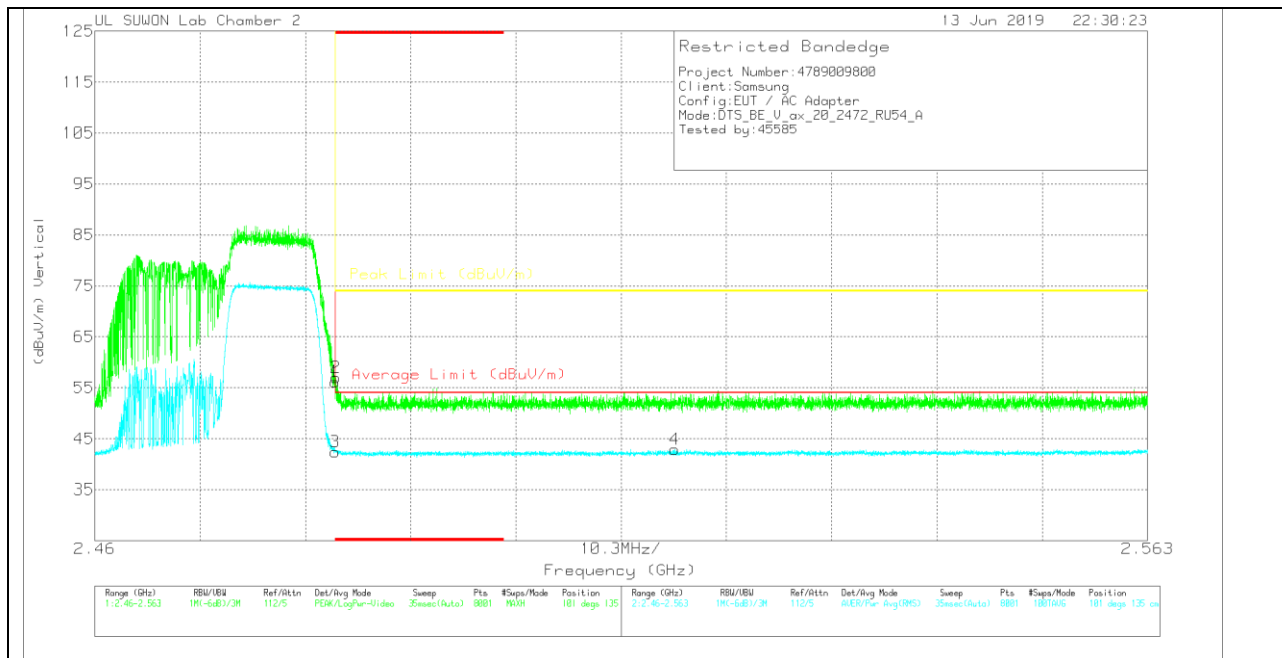
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	47.57	Pk	31.9	-20.6	0	58.87	-	-	74	-15.13	226	176	H
2	* 2.484	47.62	Pk	31.9	-20.6	0	58.92	-	-	74	-15.08	226	176	H
3	* 2.484	31.7	RMS	31.9	-20.6	0	43	54	-11	-	-	226	176	H
4	2.546	31.45	RMS	32	-20.5	0	42.95	54	-11.05	-	-	226	176	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00158724	10dB(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	* 2.484	44.9	Pk	31.9	-20.6	0	56.2	-	-	74	-17.8	101	135	V
2	* 2.484	45.72	Pk	31.9	-20.6	0	57.02	-	-	74	-16.98	101	135	V
3	* 2.484	31.15	RMS	31.9	-20.6	0	42.45	54	-11.55	-	-	101	135	V
4	2.517	31.54	RMS	31.9	-20.5	0	42.94	54	-11.06	-	-	101	135	V

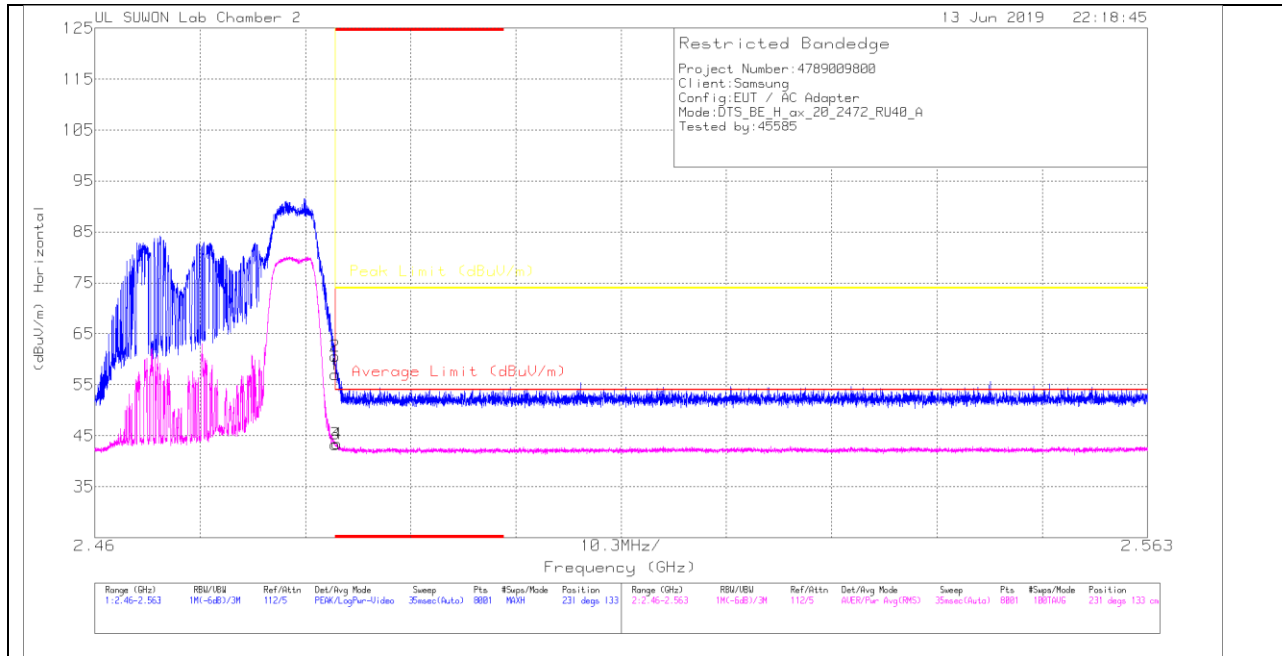
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

52T RU mode (MIMO / RU offset 40)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

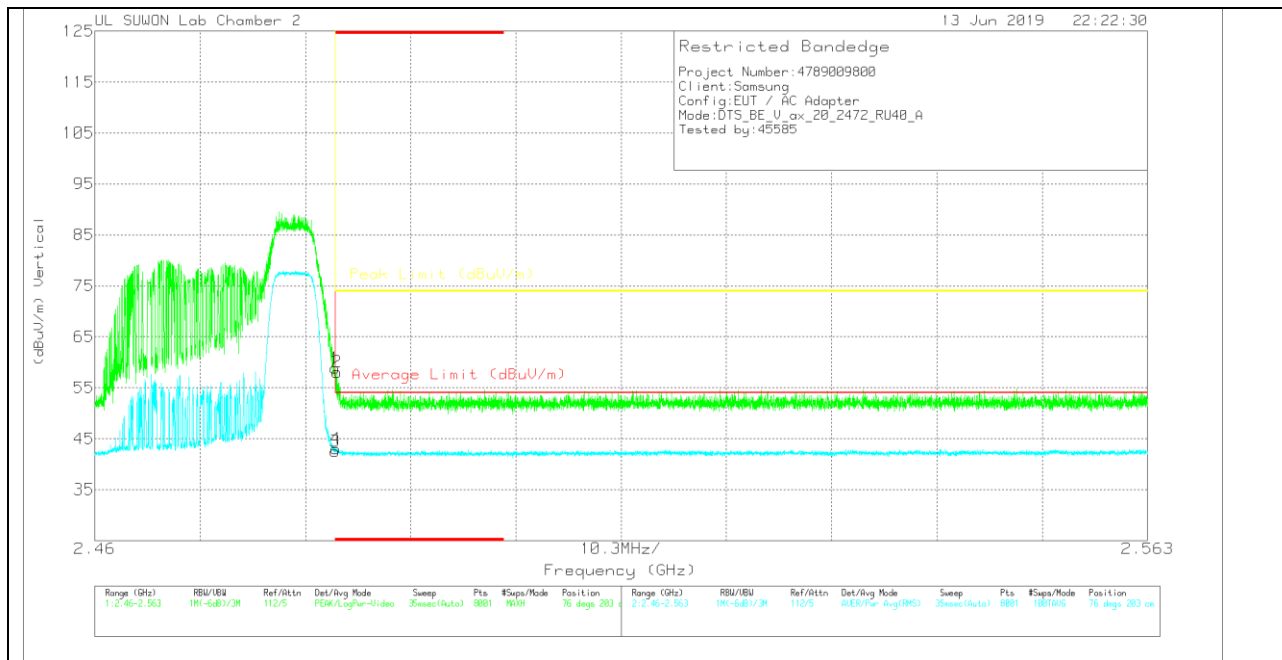
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	45.72	Pk	31.9	-20.6	0	57.02	-	-	74	-16.98	231	133	H
2	* 2.484	49.34	Pk	31.9	-20.6	0	60.64	-	-	74	-13.36	231	133	H
3	* 2.484	32.04	RMS	31.9	-20.6	0	43.34	54	-10.66	-	-	231	133	H
4	* 2.484	32.08	RMS	31.9	-20.6	0	43.38	54	-10.62	-	-	231	133	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00158724	10dB(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	* 2.484	47.59	Pk	31.9	-20.6	0	58.89	-	-	74	-15.11	76	203	V
2	* 2.484	46.76	Pk	31.9	-20.6	0	58.06	-	-	74	-15.94	76	203	V
3	* 2.484	31.19	RMS	31.9	-20.6	0	42.49	54	-11.51	-	-	76	203	V
4	* 2.484	31.75	RMS	31.9	-20.6	0	43.05	54	-10.95	-	-	76	203	V

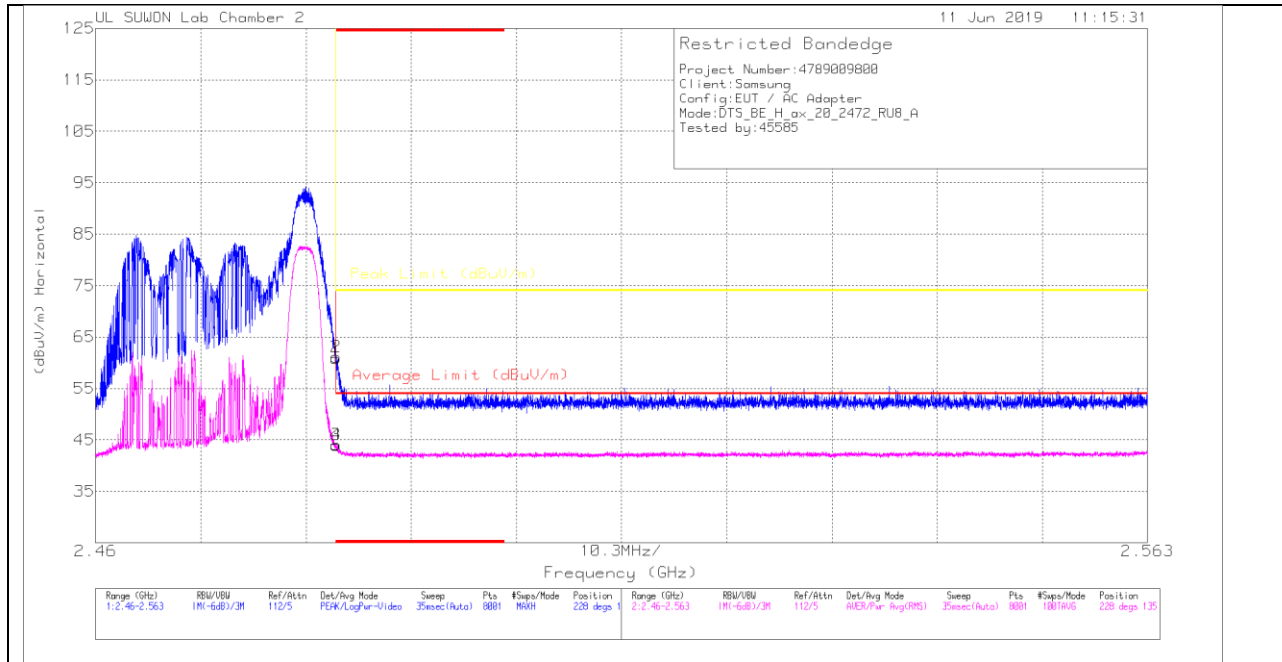
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

26T RU mode (MIMO / RU offset 8)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

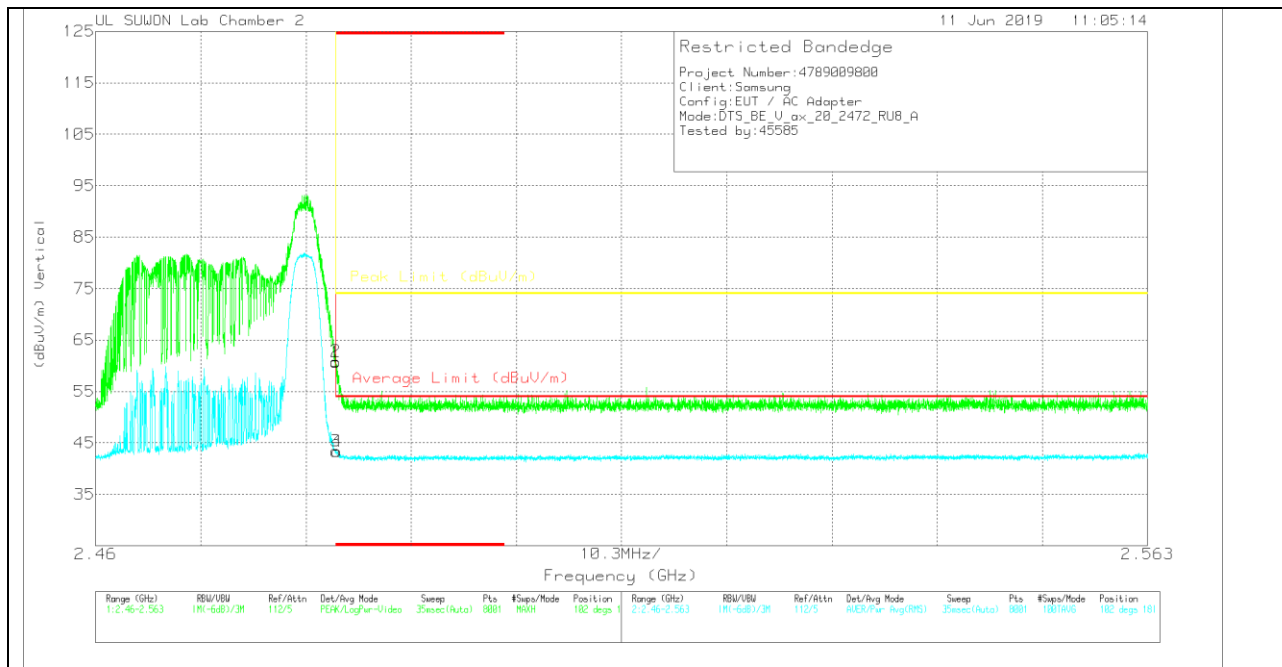
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.484	49.51	Pk	31.9	-20.6	0	60.81	-	-	74	-13.19	228	135	H
2	* 2.484	49.82	Pk	31.9	-20.6	0	61.12	-	-	74	-12.88	228	135	H
3	* 2.484	32.7	RMS	31.9	-20.6	0	44	54	-10	-	-	228	135	H
4	* 2.484	32.75	RMS	31.9	-20.6	0	44.05	54	-9.95	-	-	228	135	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.484	49.39	Pk	31.9	-20.6	0	60.69	-	-	74	-13.31	102	181	V
2	* 2.484	49.54	Pk	31.9	-20.6	0	60.84	-	-	74	-13.16	102	181	V
3	* 2.484	32.1	RMS	31.9	-20.6	0	43.4	54	-10.6	-	-	102	181	V
4	* 2.484	32	RMS	31.9	-20.6	0	43.3	54	-10.7	-	-	102	181	V

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

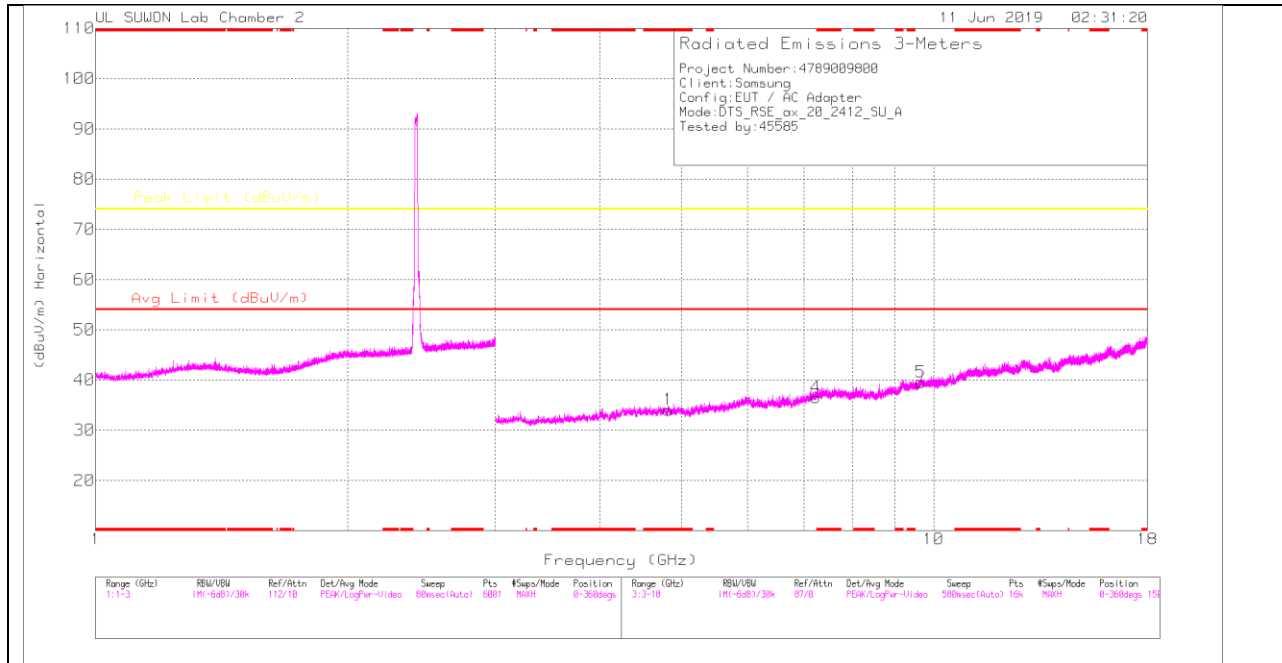
Pk - Peak detector

RMS - RMS detection

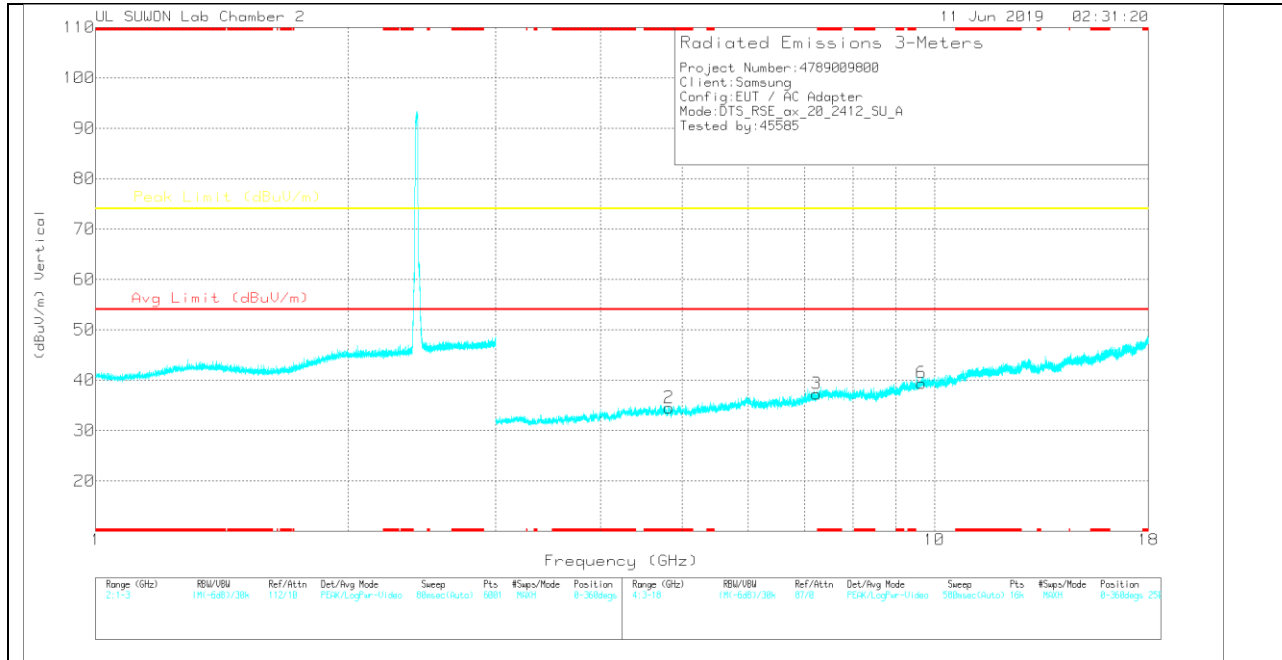
HARMONICS AND SPURIOUS EMISSIONS

SU mode (MIMO)

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

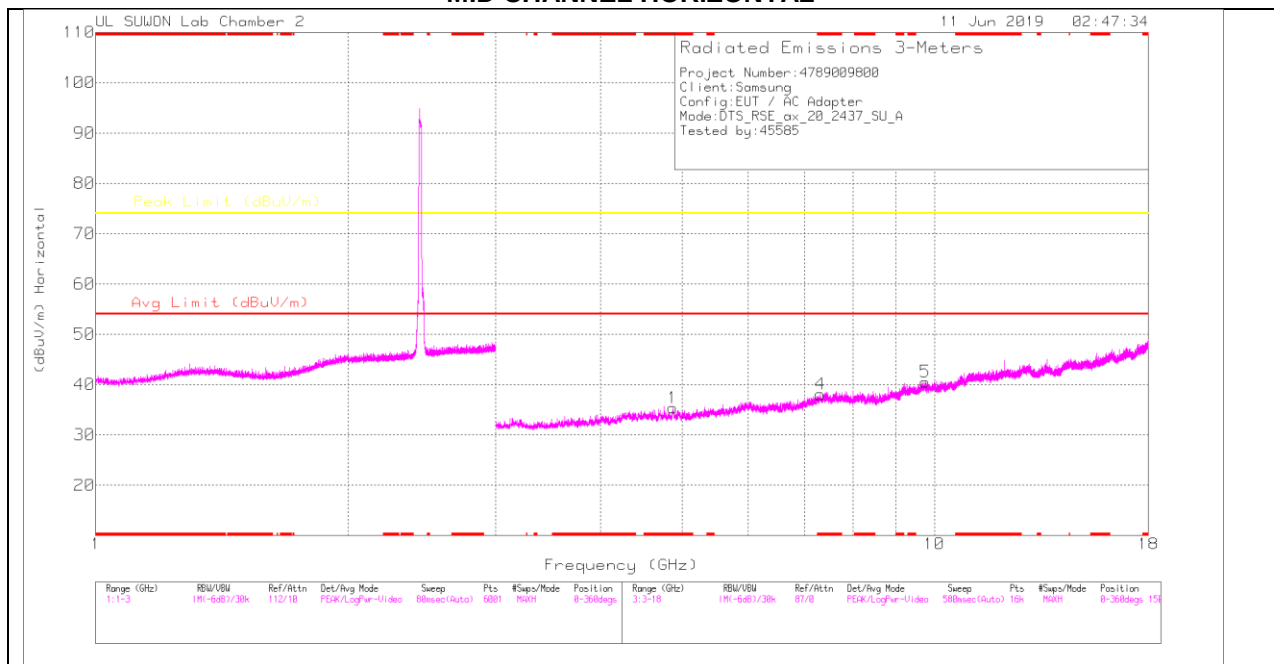
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.824	28.16	PK	34	-28.1	0	34.06	-	-	74	-39.94	0-360	150	H
4	7.237	25.94	PK	36.1	-25.5	0	36.54	-	-	74	-37.46	0-360	150	H
5	9.648	24.18	PK	37	-21.6	0	39.58	-	-	74	-34.42	0-360	250	H
2	* 4.824	28.65	PK	34	-28.1	0	34.55	-	-	74	-39.45	0-360	250	V
3	7.237	26.71	PK	36.1	-25.5	0	37.31	-	-	74	-36.69	0-360	150	V
6	9.647	24.14	PK	37	-21.7	0	39.44	-	-	74	-34.56	0-360	250	V

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

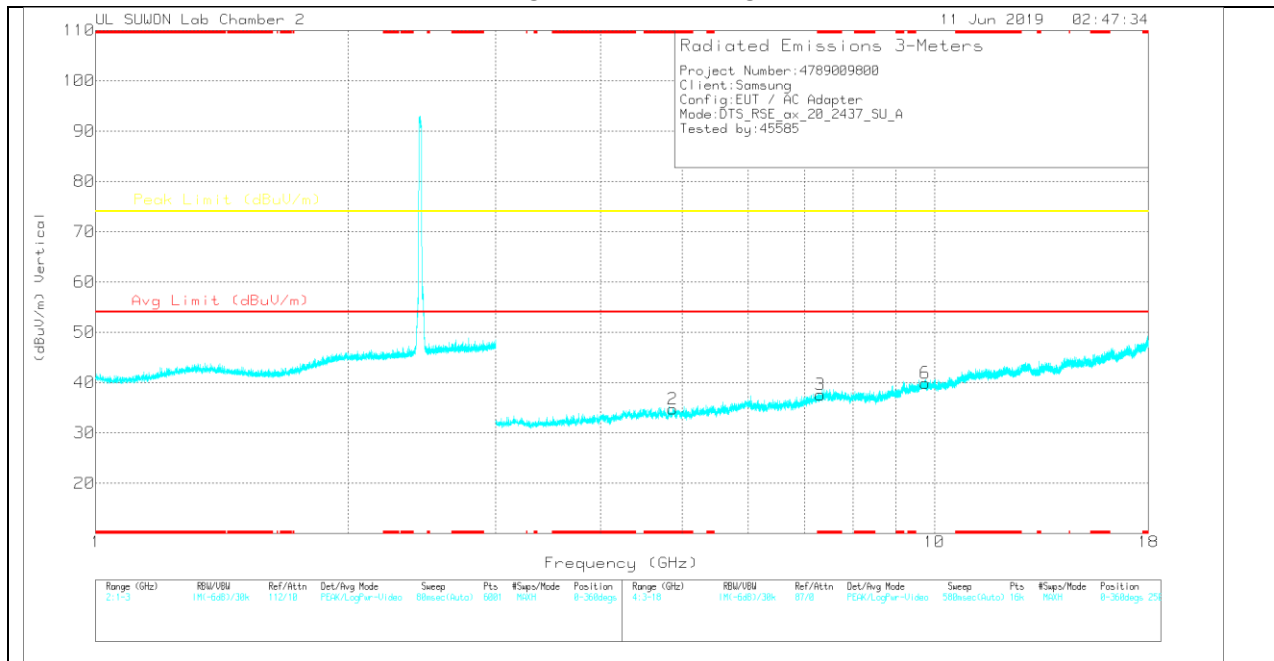
PK – Peak Detector

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

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Trace Markers

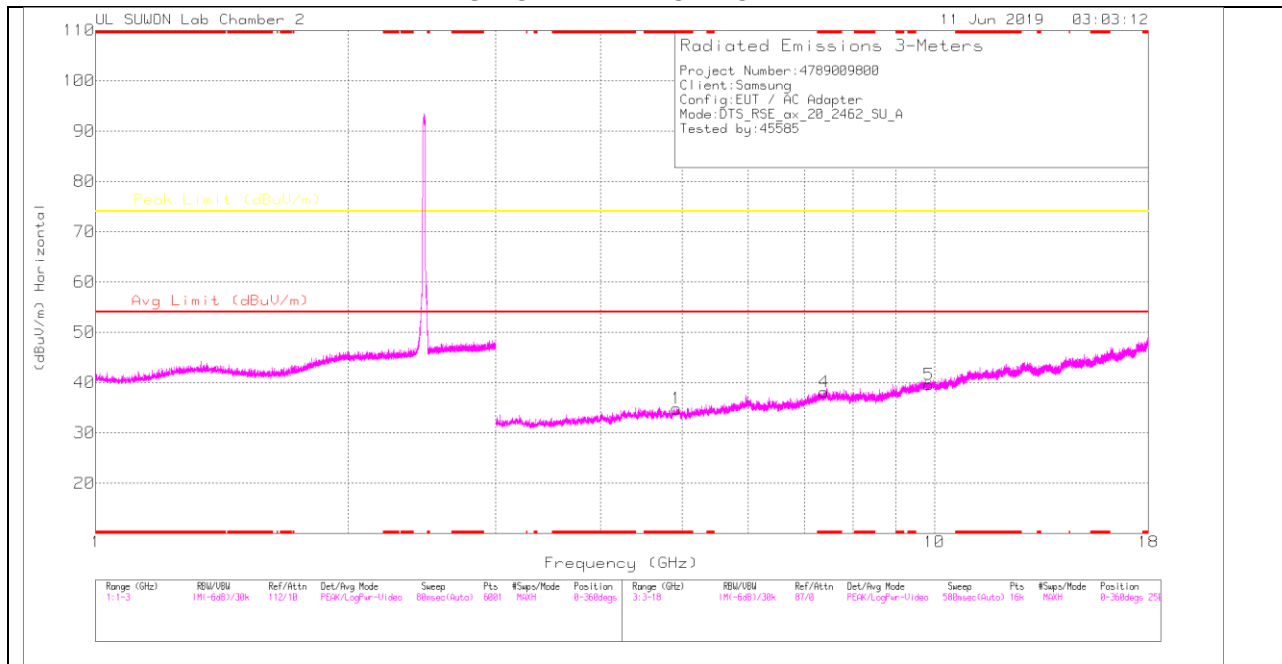
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.874	29.38	PK	34	-28	0	35.38	-	-	74	-38.62	0-360	250	H
4	* 7.311	26.88	PK	36.2	-25	0	38.08	-	-	74	-35.92	0-360	150	H
5	9.746	24.74	PK	37.2	-21.4	0	40.54	-	-	74	-33.46	0-360	250	H
2	* 4.873	28.72	PK	34	-28	0	34.72	-	-	74	-39.28	0-360	250	V
3	* 7.31	26.37	PK	36.2	-25	0	37.57	-	-	74	-36.43	0-360	150	V
6	9.751	24.1	PK	37.2	-21.4	0	39.9	-	-	74	-34.1	0-360	250	V

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

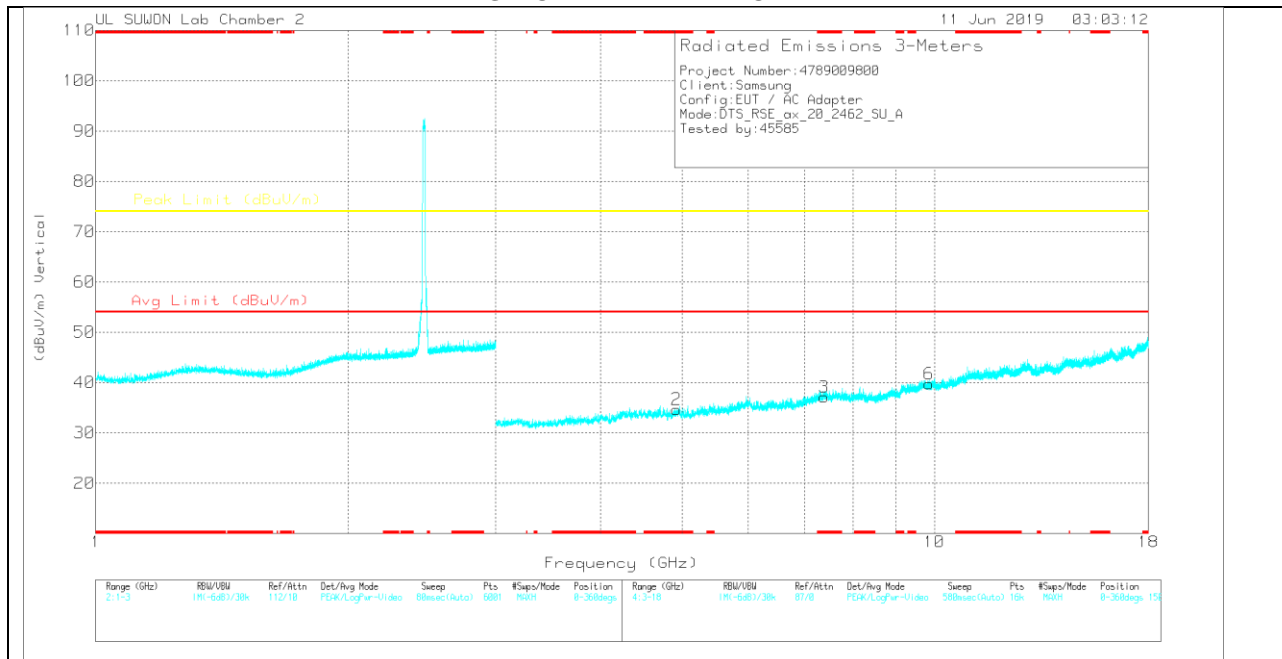
PK – Peak Detector

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

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00158724	3GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.926	28.03	PK	34	-27.2	0	34.83	-	-	74	-39.17	0-360	150	H
4	* 7.387	26.13	PK	36.2	-24.2	0	38.13	-	-	74	-35.87	0-360	150	H
5	9.848	24.12	PK	37.3	-21.8	0	39.62	-	-	74	-34.38	0-360	250	H
2	* 4.926	27.86	PK	34	-27.2	0	34.66	-	-	74	-39.34	0-360	150	V
3	* 7.388	25.2	PK	36.2	-24.3	0	37.1	-	-	74	-36.9	0-360	150	V
6	9.849	24.24	PK	37.3	-21.8	0	39.74	-	-	74	-34.26	0-360	150	V

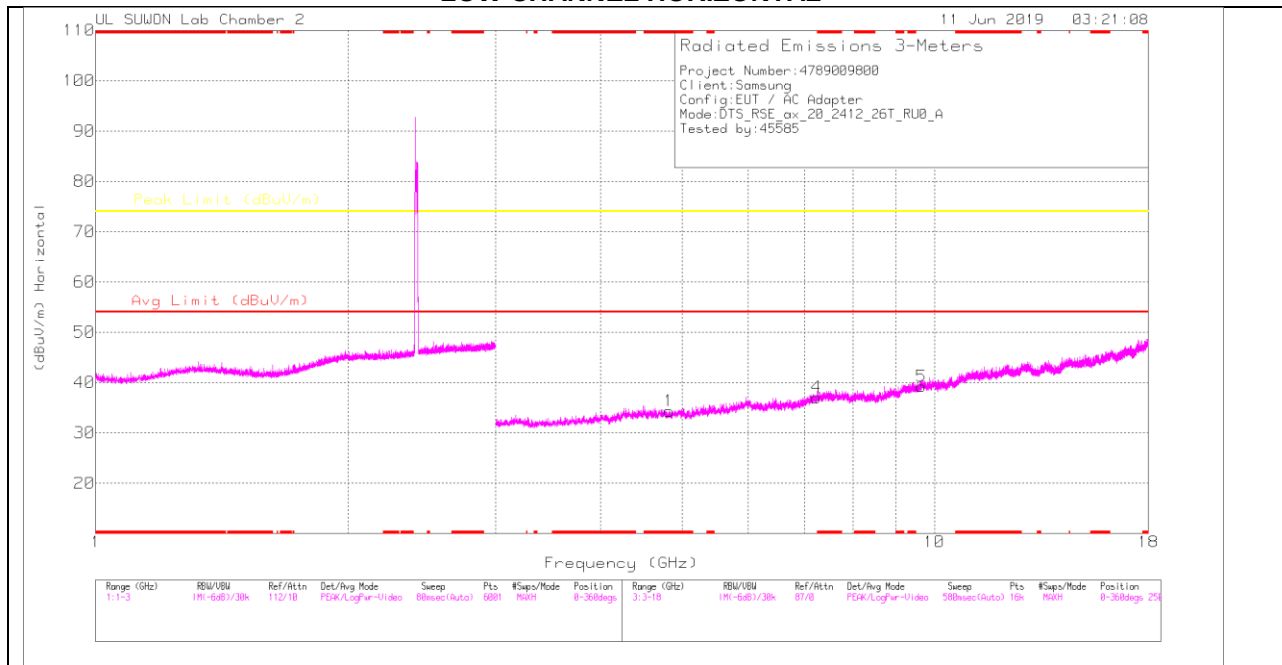
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

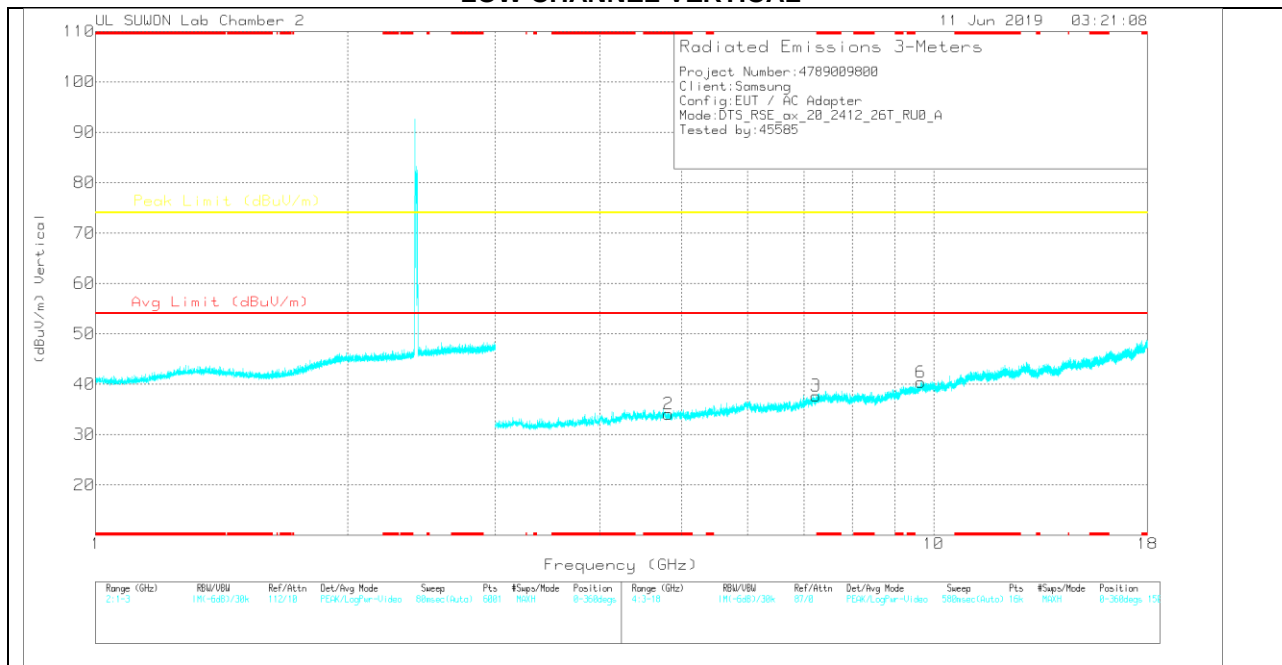
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

26T RU mode (MIMO / Low: 0, Mid: 8, High: 4)

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

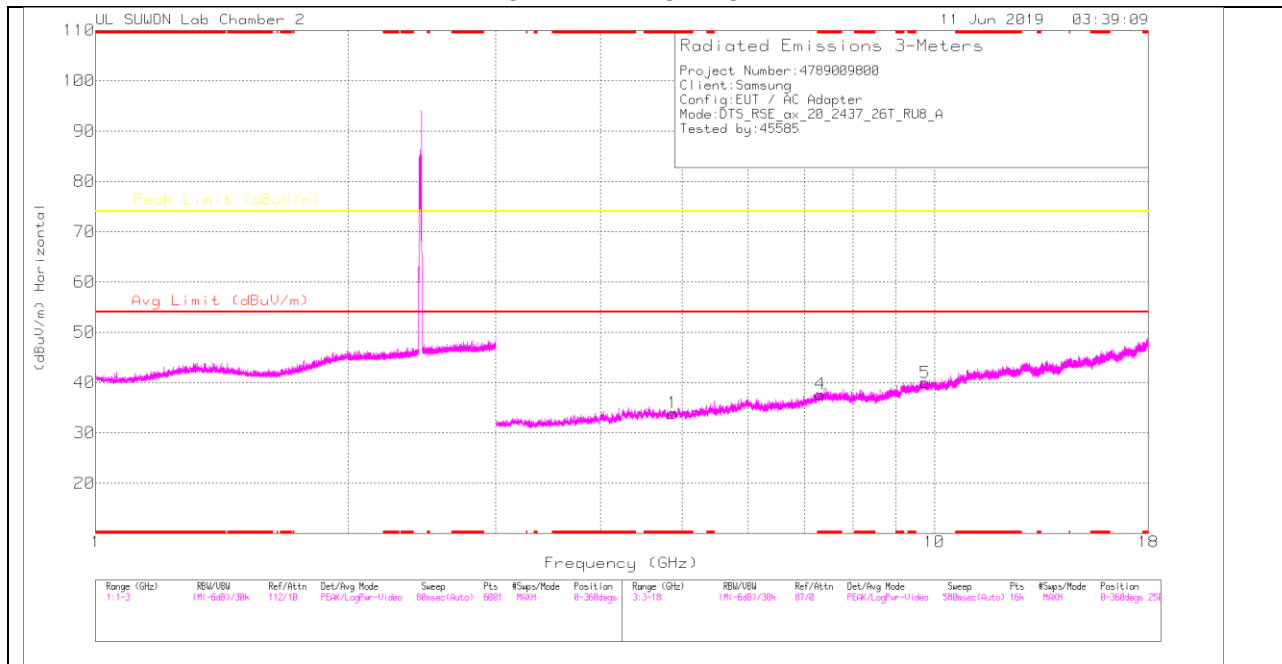
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.826	28.43	PK	34	-28.1	0	34.33	-	-	74	-39.67	0-360	250	H
4	7.236	26.48	PK	36.1	-25.5	0	37.08	-	-	74	-36.92	0-360	250	H
5	9.648	23.87	PK	37	-21.6	0	39.27	-	-	74	-34.73	0-360	250	H
2	* 4.825	28.28	PK	34	-28.2	0	34.08	-	-	74	-39.92	0-360	250	V
3	7.235	27.08	PK	36.1	-25.5	0	37.68	-	-	74	-36.32	0-360	150	V
6	9.649	24.95	PK	37	-21.6	0	40.35	-	-	74	-33.65	0-360	250	V

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

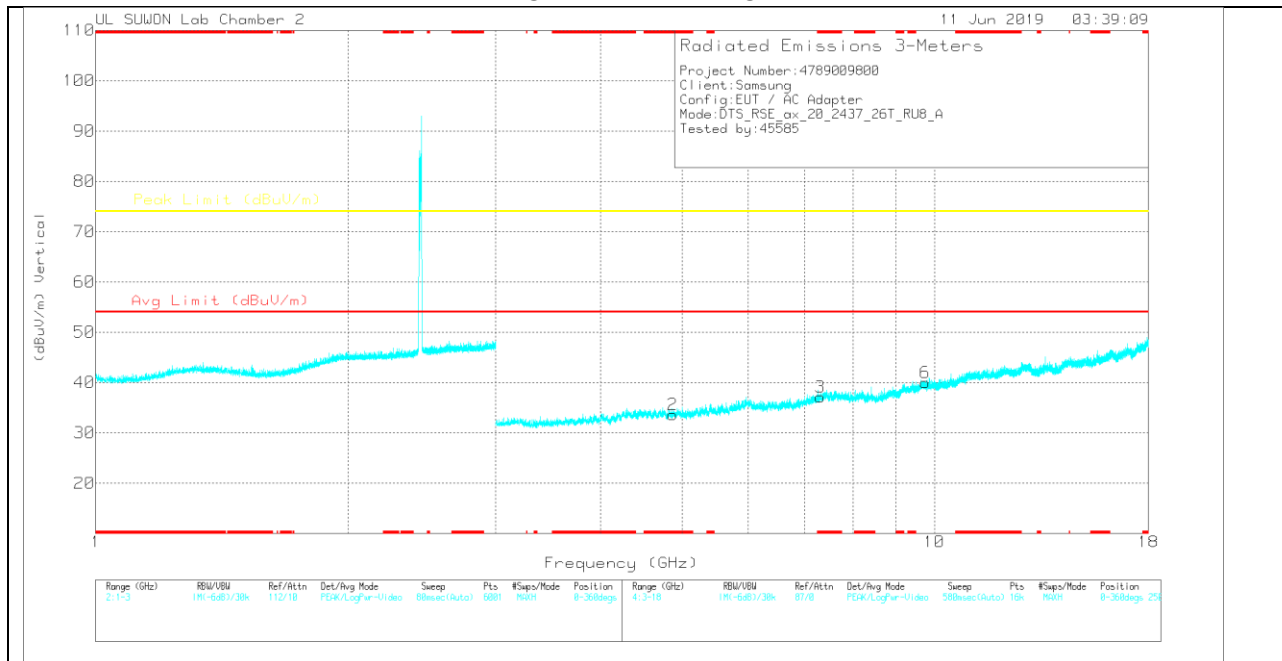
PK – Peak Detector

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

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Trace Markers

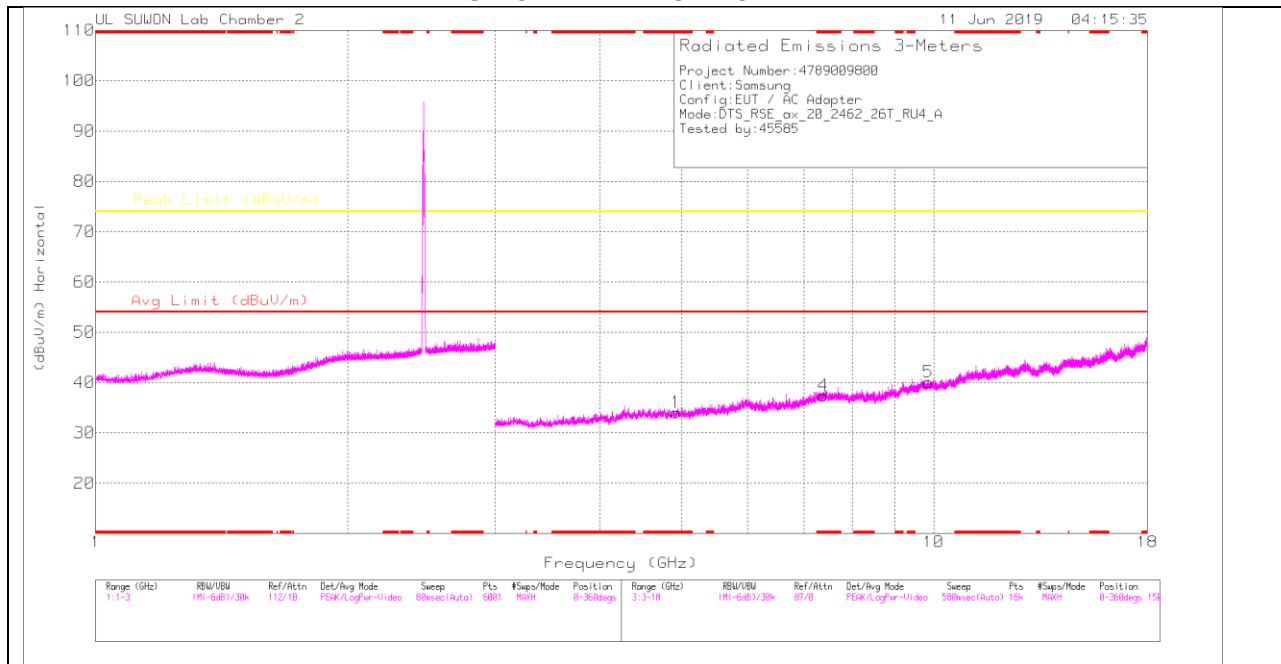
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.875	27.94	PK	34	-28	0	33.94	-	-	74	-40.06	0-360	250	H
4	* 7.312	26.49	PK	36.2	-25	0	37.69	-	-	74	-36.31	0-360	250	H
5	9.747	24.17	PK	37.2	-21.4	0	39.97	-	-	74	-34.03	0-360	250	H
2	* 4.873	27.64	PK	34	-28	0	33.64	-	-	74	-40.36	0-360	250	V
3	* 7.31	25.89	PK	36.2	-25	0	37.09	-	-	74	-36.91	0-360	150	V
6	9.75	24.31	PK	37.2	-21.5	0	40.01	-	-	74	-33.99	0-360	150	V

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

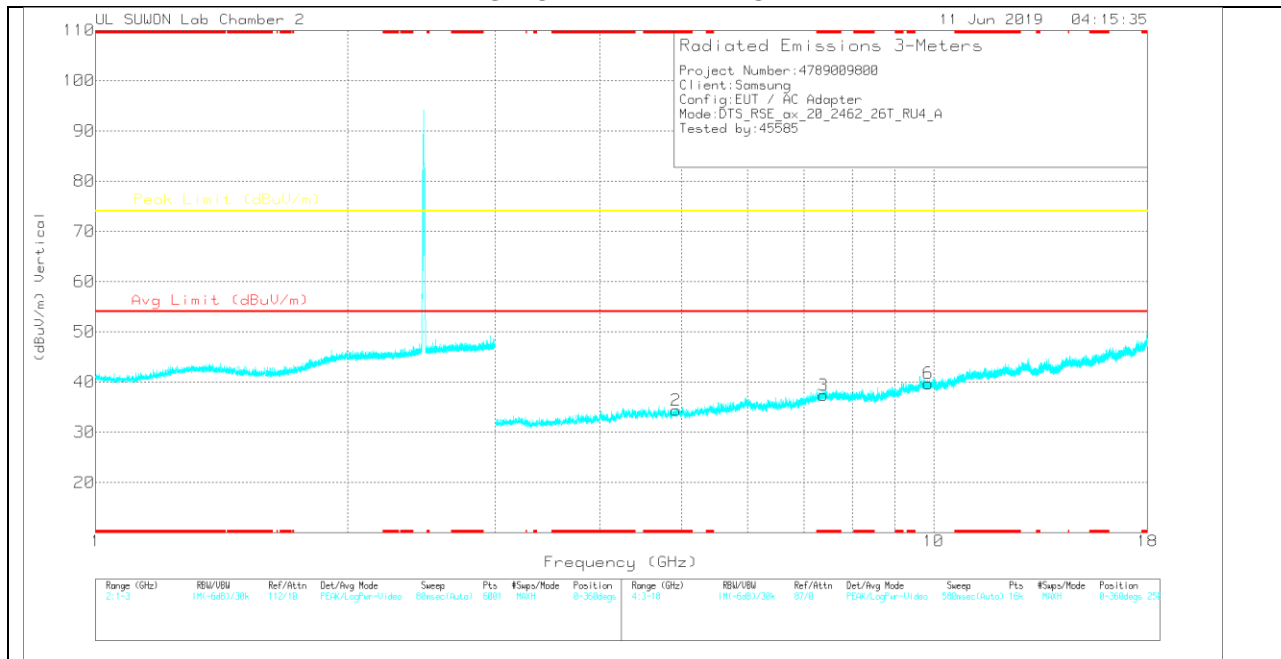
PK – Peak Detector

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

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.923	27.34	PK	34	-27.3	0	34.04	-	-	74	-39.96	0-360	250	H
4	* 7.386	25.42	PK	36.2	-24.2	0	37.42	-	-	74	-36.58	0-360	150	H
5	9.849	24.57	PK	37.3	-21.8	0	40.07	-	-	74	-33.93	0-360	250	H
2	* 4.924	27.65	PK	34	-27.3	0	34.35	-	-	74	-39.65	0-360	150	V
3	* 7.386	25.35	PK	36.2	-24.2	0	37.35	-	-	74	-36.65	0-360	250	V
6	9.848	24.2	PK	37.3	-21.8	0	39.7	-	-	74	-34.3	0-360	150	V

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

PK – Peak Detector

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

11.3. WORST-CASE BELOW 1 GHz

SPURIOUS EMISSIONS 30 TO 1000 MHz

Please refer to the FCC Report DTS 802.11b_g_n WLAN(Report No.: 4789009800-E5)

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.

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

Please refer to the FCC Report DTS 802.11b_g_n WLAN(Report No.: 4789009800-E5)