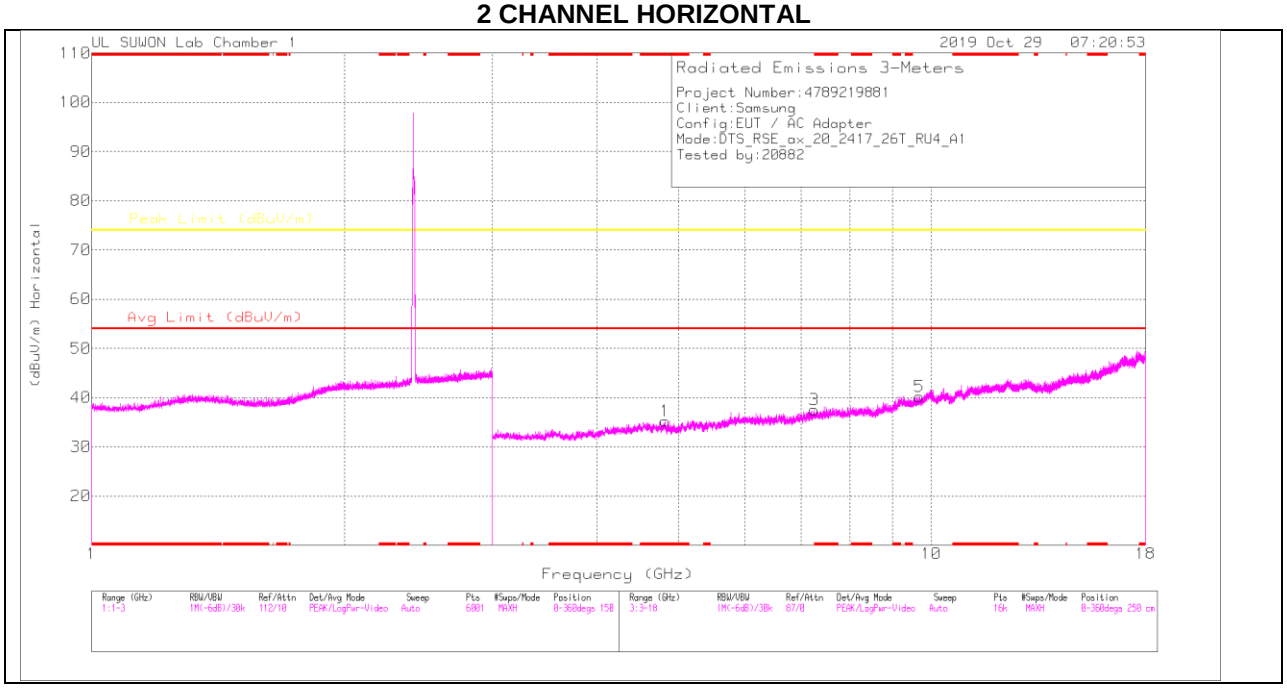
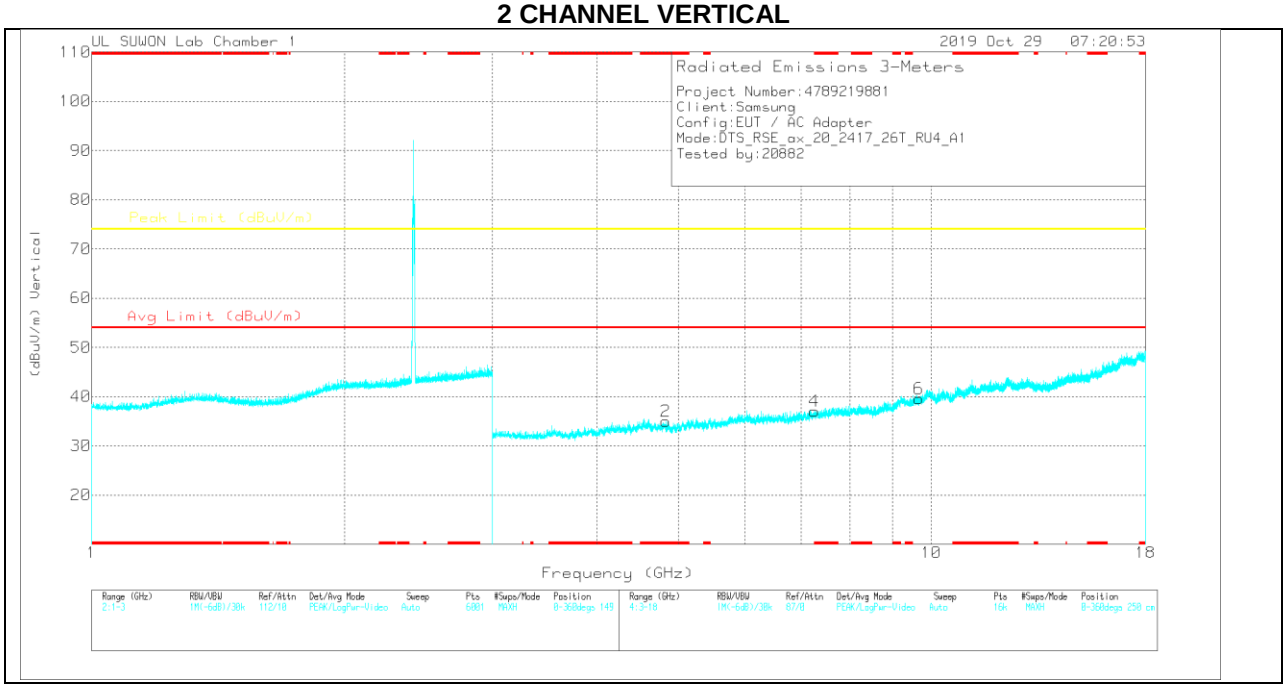
26T RU mode (ANT_1 / Low: 4, Mid: 4, High: 4)

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.

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2 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	* 4.82145	32.6	PK	34.2	-31.6	0	35.2	-	-	74	-38.8	0-360	250	H
3	* 7.25879	29.19	PK	35.8	-27.5	0	37.49	-	-	74	-36.51	0-360	250	H
5	9.68864	26.58	PK	37.1	-23.5	0	40.18	-	-	74	-33.82	0-360	149	H
2	* 4.82707	32.25	PK	34.2	-31.5	0	34.95	-	-	74	-39.05	0-360	150	V
4	* 7.26161	28.78	PK	35.8	-27.6	0	36.98	-	-	74	-37.02	0-360	250	V
6	9.66708	26.11	PK	37.1	-23.6	0	39.61	-	-	74	-34.39	0-360	150	V

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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
* 4.82277	40.89	PK2	34.2	-31.6	0	43.49	-	-	74	-30.51	360	100	H
* 4.82609	41.52	PK2	34.2	-31.5	0	44.22	-	-	74	-29.78	360	100	V
* 7.25863	37.52	PK2	35.8	-27.5	0	45.82	-	-	74	-28.18	360	100	H
* 7.26275	37.2	PK2	35.8	-27.6	0	45.4	-	-	74	-28.6	360	100	V
9.68686	35.14	PK2	37.1	-23.5	0	48.74	-	-	74	-25.26	360	100	H
9.66597	34.66	PK2	37.1	-23.5	0	48.26	-	-	74	-25.74	360	100	V

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

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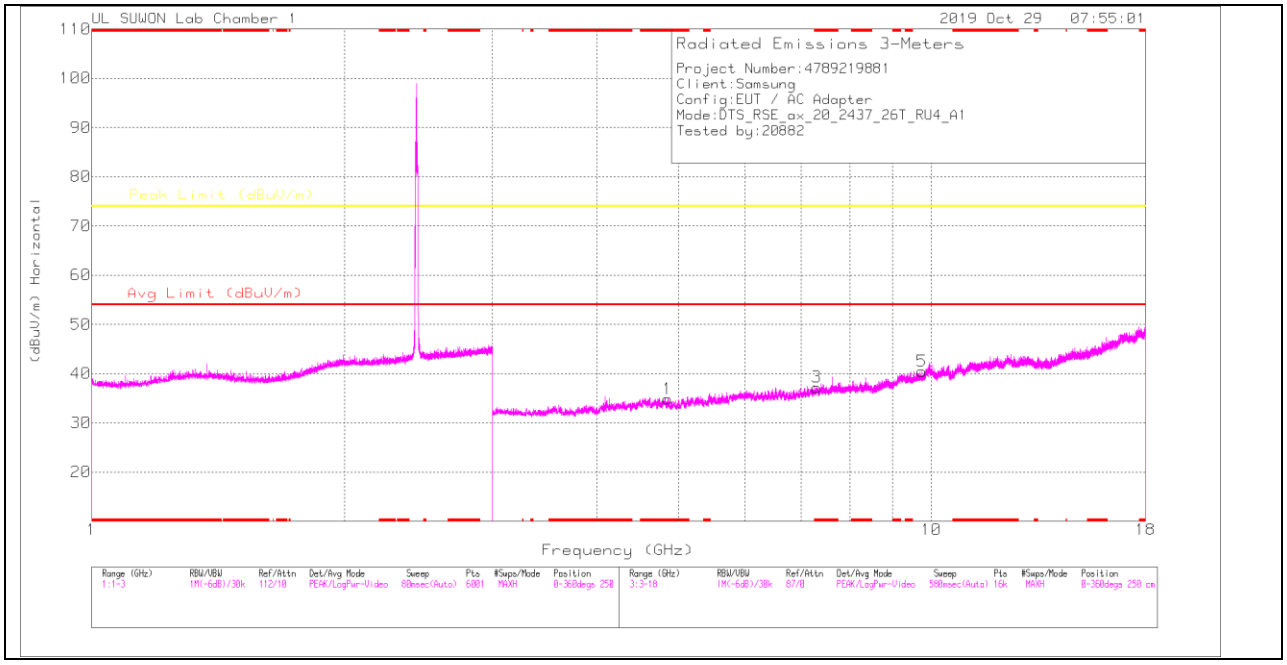
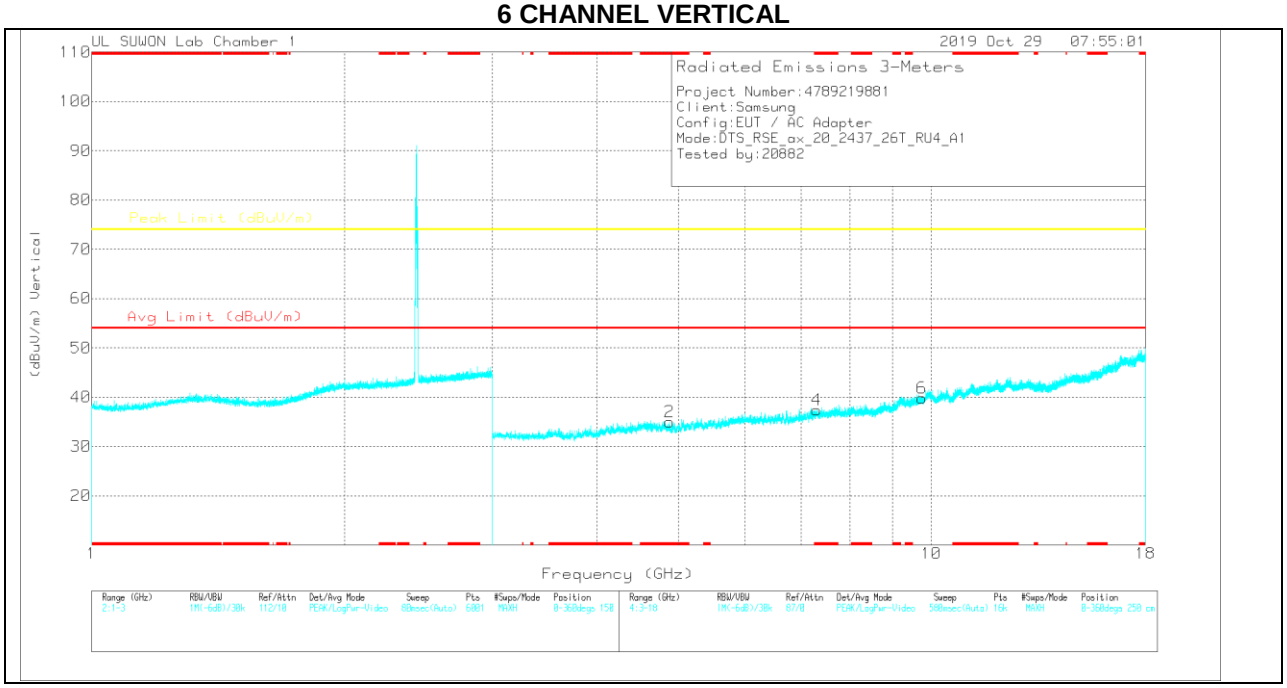
6 CHANNEL HORIZONTAL



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.

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6 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	* 4.85613	32.14	PK	34.2	-31.5	0	34.84	-	-	74	-39.16	0-360	150	H
3	* 7.30098	29.01	PK	35.8	-27.6	0	37.21	-	-	74	-36.79	0-360	150	H
5	9.75239	27.02	PK	37.2	-23.8	0	40.42	-	-	74	-33.58	0-360	250	H
2	* 4.87582	32.25	PK	34.2	-31.5	0	34.95	-	-	74	-39.05	0-360	149	V
4	* 7.30379	29.15	PK	35.8	-27.6	0	37.35	-	-	74	-36.65	0-360	250	V
6	9.74958	26.37	PK	37.2	-23.8	0	39.77	-	-	74	-34.23	0-360	250	V

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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
* 4.85564	40.38	PK2	34.2	-31.5	0	43.08	-	-	74	-30.92	360	100	H
* 4.87574	41.07	PK2	34.2	-31.5	0	43.77	-	-	74	-30.23	360	100	V
* 7.30176	37.45	PK2	35.8	-27.6	0	45.65	-	-	74	-28.35	360	100	H
* 7.30338	37.84	PK2	35.8	-27.6	0	46.04	-	-	74	-27.96	360	100	V
9.75062	34.61	PK2	37.2	-23.8	0	48.01	-	-	74	-25.99	360	100	H
9.74855	34.92	PK2	37.2	-23.8	0	48.32	-	-	74	-25.68	360	100	V

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

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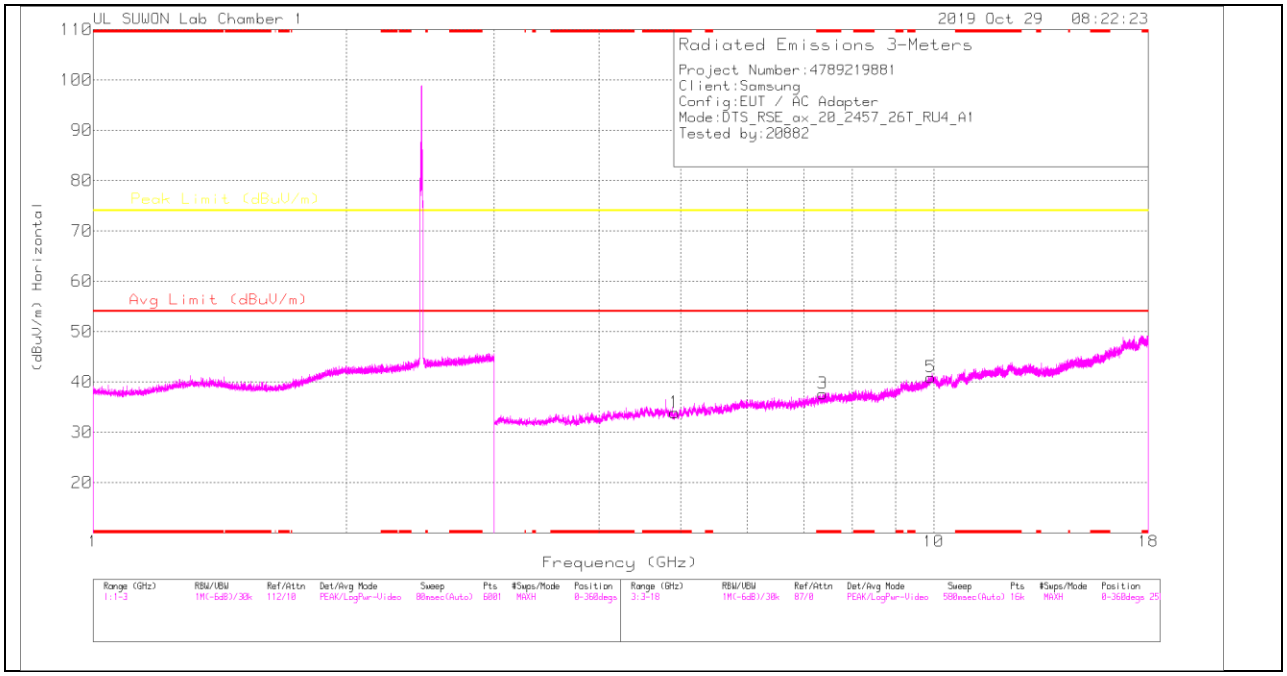
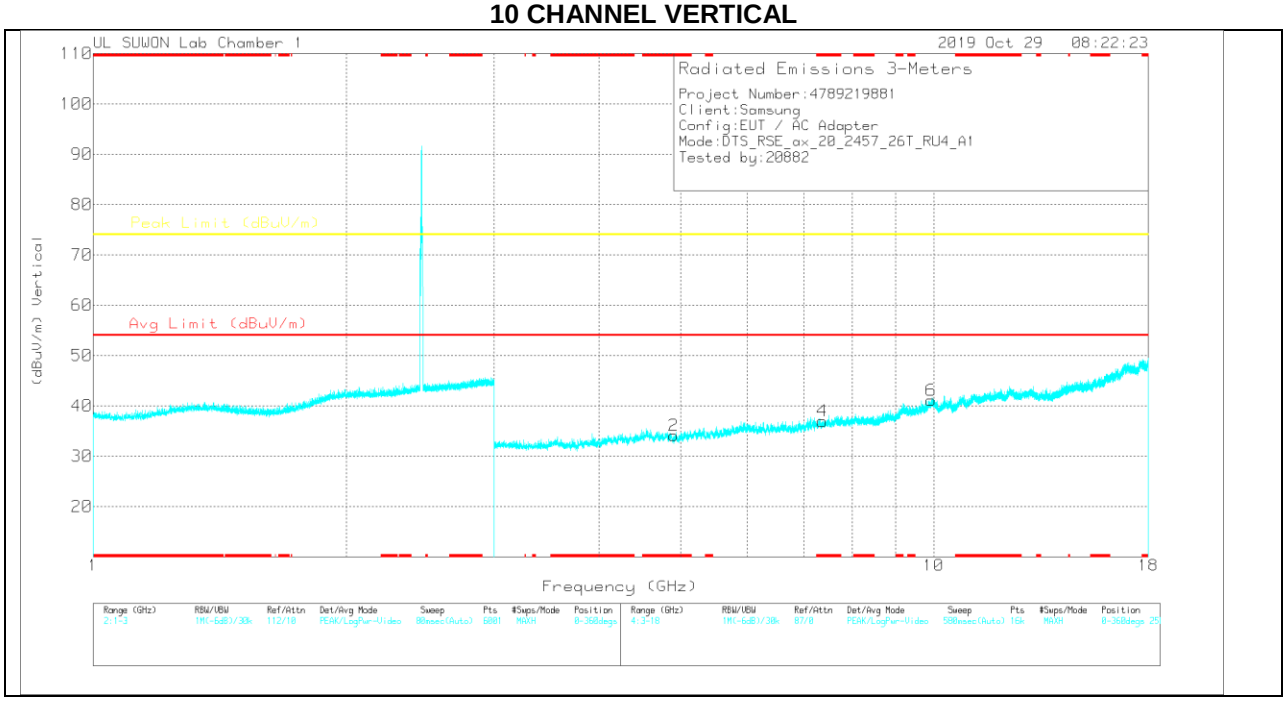
10 CHANNEL HORIZONTAL



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.

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10 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	* 4.918	31.3	PK	34.2	-31.6	0	33.9	-	-	74	-40.1	0-360	150	H
3	* 7.3816	28.76	PK	35.8	-26.9	0	37.66	-	-	74	-36.34	0-360	150	H
5	9.92394	25.32	PK	37.5	-21.9	0	40.92	-	-	74	-33.08	0-360	150	H
2	* 4.90769	31.59	PK	34.2	-31.7	0	34.09	-	-	74	-39.91	0-360	250	V
4	* 7.37129	28.44	PK	35.8	-27.3	0	36.94	-	-	74	-37.06	0-360	250	V
6	9.92956	25.3	PK	37.5	-21.7	0	41.1	-	-	74	-32.9	0-360	150	V

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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
* 4.91935	40.53	PK2	34.2	-31.6	0	43.13	-	-	74	-30.87	360	100	H
* 4.91798	40.6	PK2	34.2	-31.6	0	43.2	-	-	74	-30.8	360	100	V
* 7.37851	37.28	PK2	35.8	-27	0	46.08	-	-	74	-27.92	360	100	H
* 7.3789	37.33	PK2	35.8	-27	0	46.13	-	-	74	-27.87	360	100	V
9.92327	33.88	PK2	37.5	-21.9	0	49.48	-	-	74	-24.52	360	100	H
9.92236	34.05	PK2	37.5	-22	0	49.55	-	-	74	-24.45	360	100	V

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

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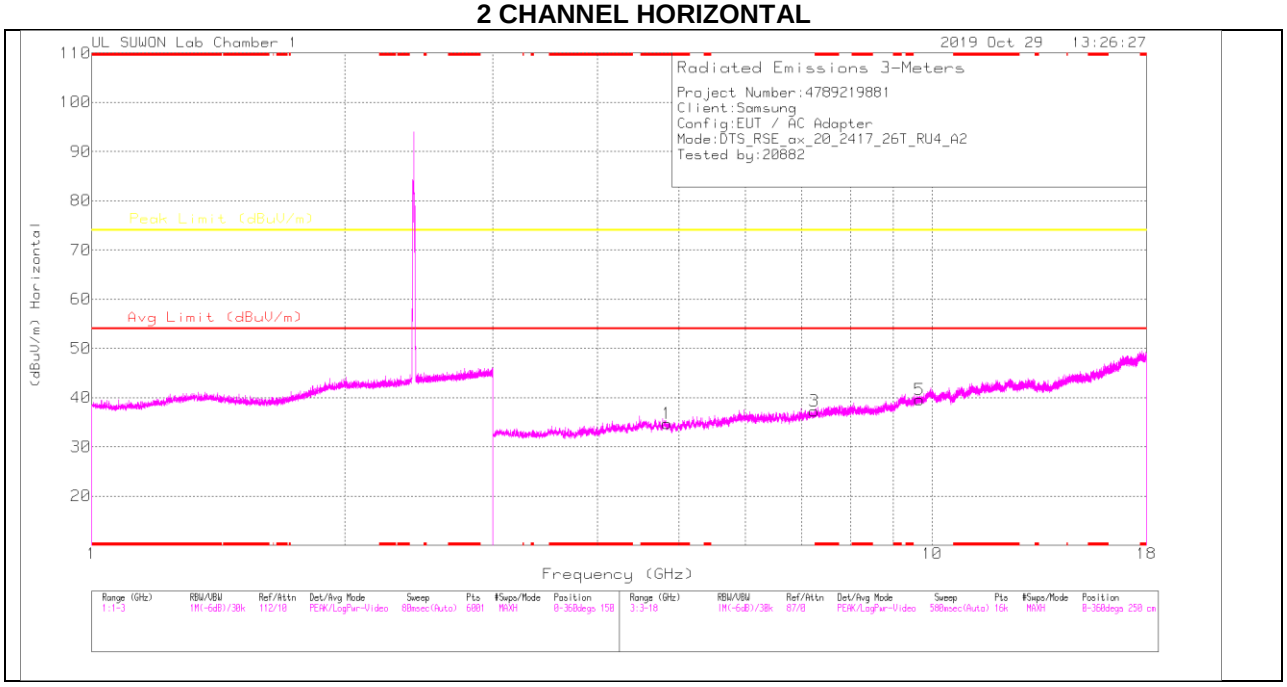
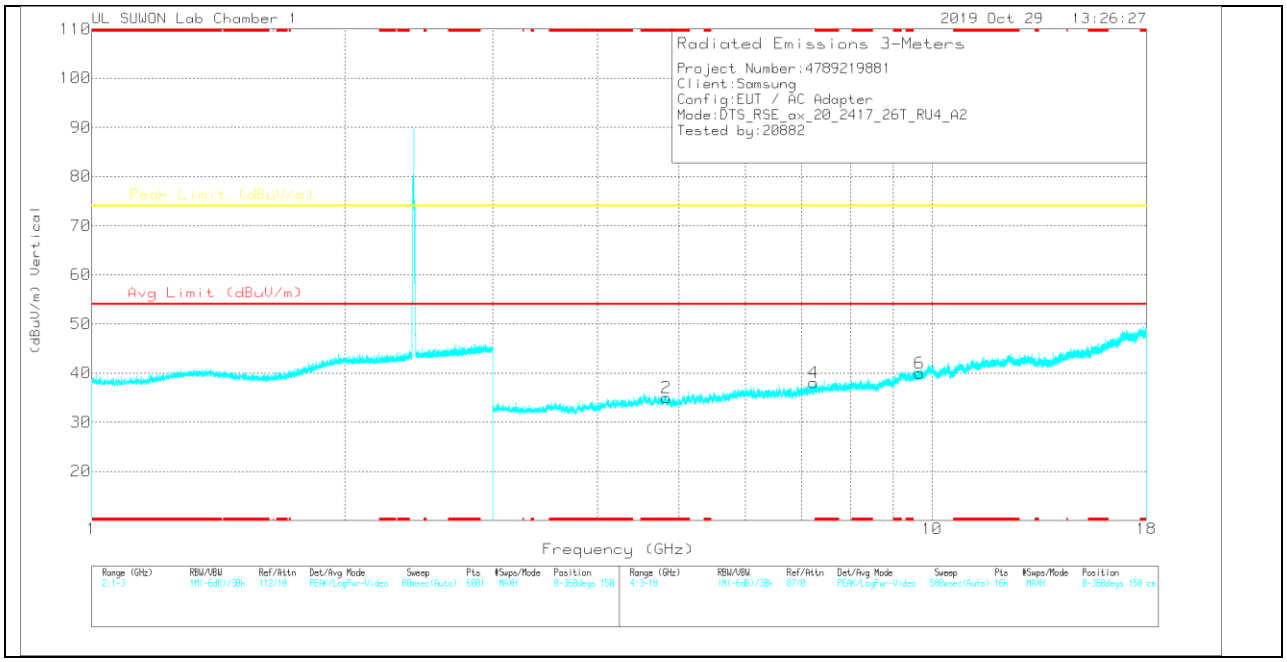
26T RU mode (ANT_2 / Low: 4, Mid: 4, High: 4)

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.

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2 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	* 4.83926	32.15	PK	34.2	-31.6	0	34.75	-	-	74	-39.25	0-360	250	H
3	7.24005	29.23	PK	35.8	-27.8	0	37.23	-	-	74	-36.77	0-360	150	H
5	9.66333	25.93	PK	37.1	-23.5	0	39.53	-	-	74	-34.47	0-360	150	H
2	* 4.82707	32.33	PK	34.2	-31.5	0	35.03	-	-	74	-38.97	0-360	250	V
4	7.23255	29.94	PK	35.8	-27.7	0	38.04	-	-	74	-35.96	0-360	250	V
6	9.66614	26.3	PK	37.1	-23.5	0	39.9	-	-	74	-34.1	0-360	150	V

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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
* 4.84002	40.62	PK2	34.2	-31.6	0	43.22	-	-	74	-30.78	360	100	H
* 4.84363	40.74	PK2	34.2	-31.5	0	43.44	-	-	74	-30.56	360	100	V
7.23887	37.84	PK2	35.8	-27.8	0	45.84	-	-	74	-28.16	360	100	H
7.2416	37.9	PK2	35.8	-27.8	0	45.9	-	-	74	-28.1	360	100	V
9.66153	34.94	PK2	37.1	-23.5	0	48.54	-	-	74	-25.46	360	100	H
9.66195	34.6	PK2	37.1	-23.5	0	48.2	-	-	74	-25.8	360	100	V

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

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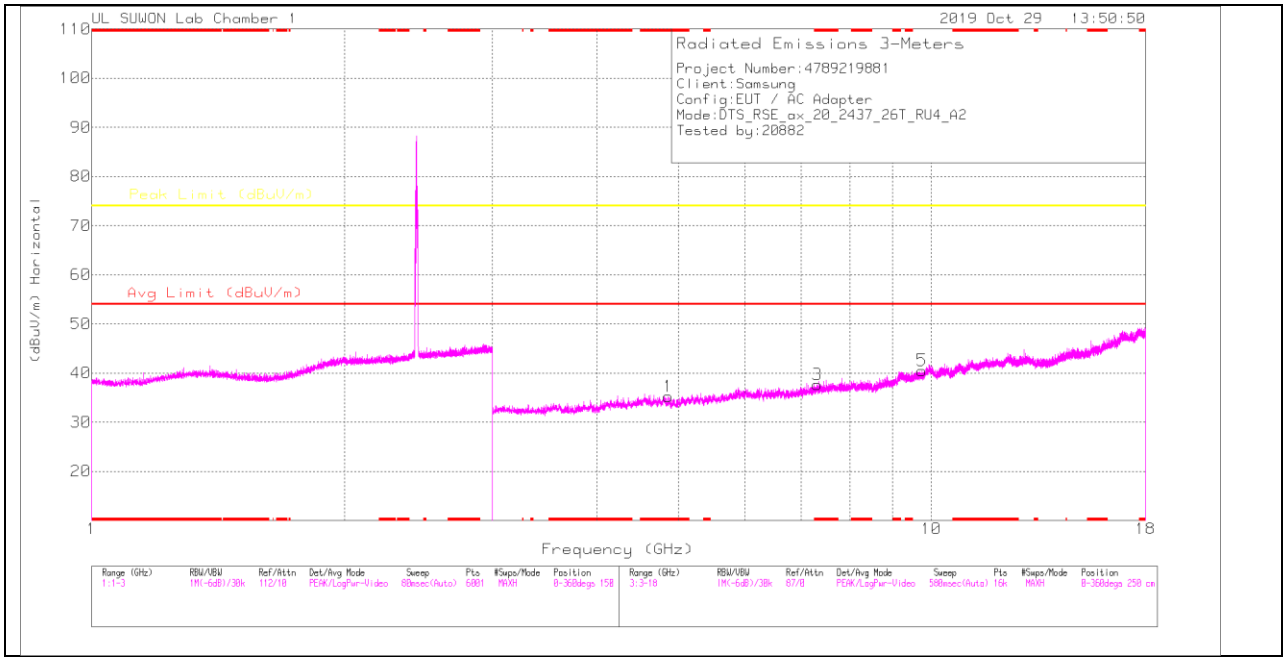
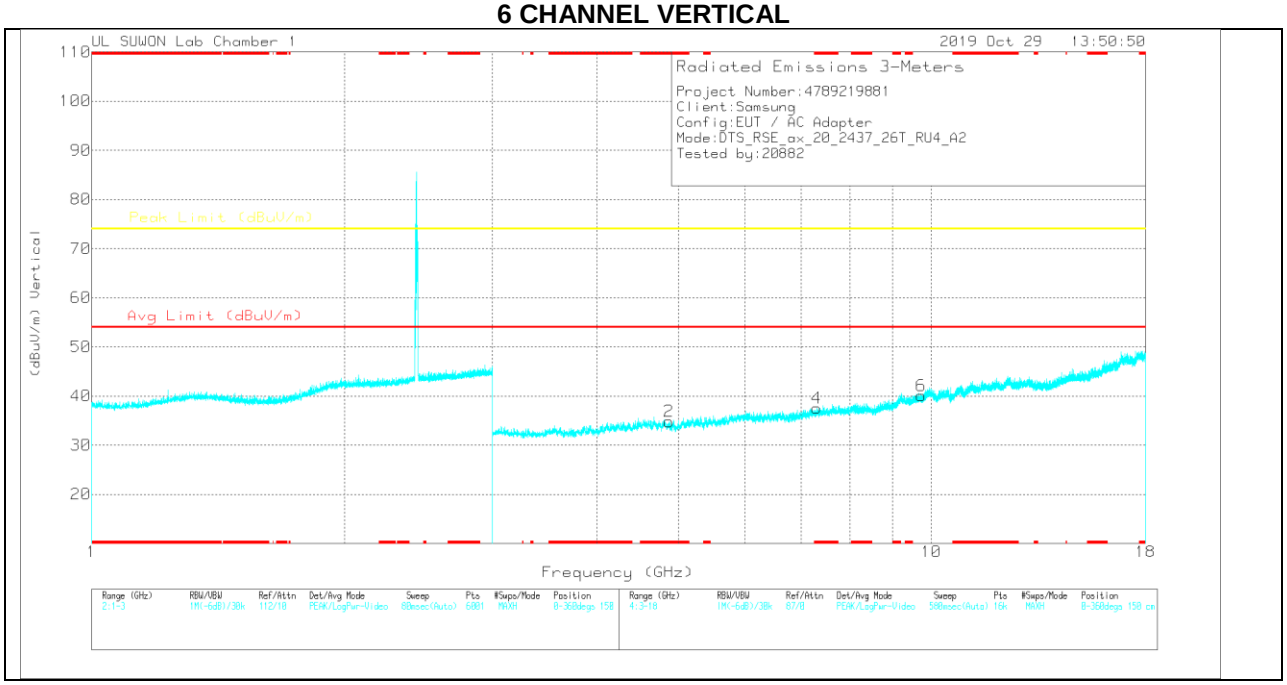
6 CHANNEL HORIZONTAL



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.

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6 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	* 4.86363	32.5	PK	34.2	-31.5	0	35.2	-	-	74	-38.8	0-360	250	H
3	* 7.31223	29.38	PK	35.8	-27.5	0	37.68	-	-	74	-36.32	0-360	250	H
5	9.7552	27.12	PK	37.2	-23.8	0	40.52	-	-	74	-33.48	0-360	250	H
2	* 4.87207	32.19	PK	34.2	-31.6	0	34.79	-	-	74	-39.21	0-360	150	V
4	* 7.30379	29.36	PK	35.8	-27.6	0	37.56	-	-	74	-36.44	0-360	150	V
6	9.7402	26.79	PK	37.2	-23.9	0	40.09	-	-	74	-33.91	0-360	150	V

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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
* 4.86352	40.79	PK2	34.2	-31.5	0	43.49	-	-	74	-30.51	360	100	H
* 4.86563	40.56	PK2	34.2	-31.6	0	43.16	-	-	74	-30.84	360	100	V
* 7.31318	38.3	PK2	35.8	-27.4	0	46.7	-	-	74	-27.3	360	100	H
* 7.31277	37.74	PK2	35.8	-27.4	0	46.14	-	-	74	-27.86	360	100	V
9.75572	35.26	PK2	37.2	-23.8	0	48.66	-	-	74	-25.34	360	100	H
9.75631	35.1	PK2	37.2	-23.8	0	48.5	-	-	74	-25.5	360	100	V

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

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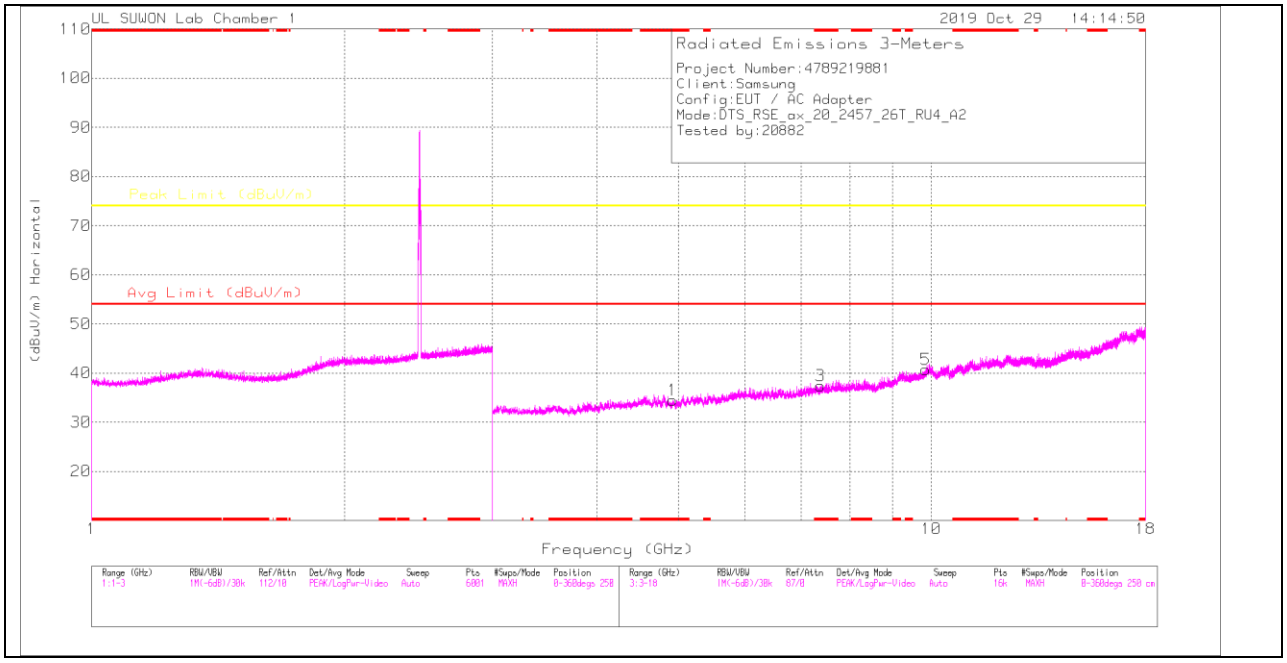
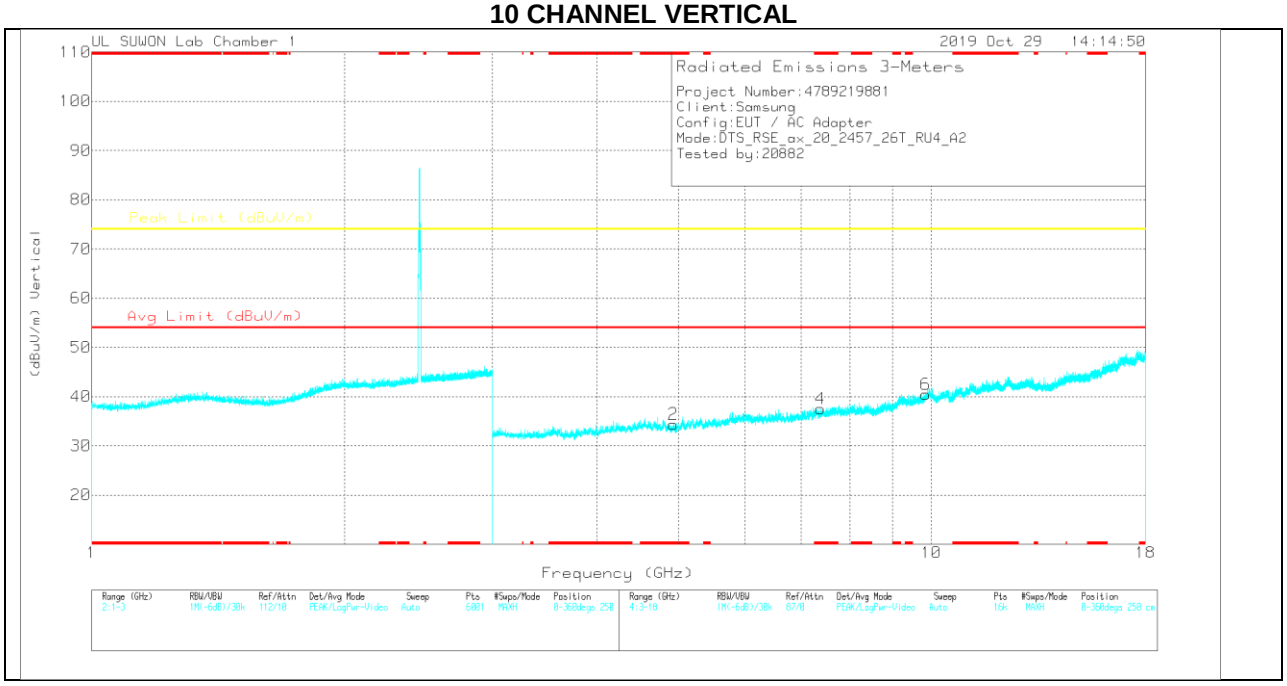
10 CHANNEL HORIZONTAL



10 CHANNEL VERTICAL



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10 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	* 4.918	31.88	PK	34.2	-31.6	0	34.48	-	-	74	-39.52	0-360	150	H
3	* 7.37879	28.61	PK	35.8	-27	0	37.41	-	-	74	-36.59	0-360	250	H
5	9.84801	26.4	PK	37.4	-23.1	0	40.7	-	-	74	-33.3	0-360	250	H
2	* 4.92738	31.8	PK	34.2	-31.6	0	34.4	-	-	74	-39.6	0-360	150	V
4	* 7.38254	28.61	PK	35.8	-26.9	0	37.51	-	-	74	-36.49	0-360	250	V
6	9.84426	26.17	PK	37.4	-23.1	0	40.47	-	-	74	-33.53	0-360	150	V

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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
* 4.91974	40.99	PK2	34.2	-31.6	0	43.59	-	-	74	-30.41	360	100	H
* 4.91932	40.77	PK2	34.2	-31.6	0	43.37	-	-	74	-30.63	360	100	V
* 7.37772	36.63	PK2	35.8	-27	0	45.43	-	-	74	-28.57	360	100	H
* 7.38035	37.34	PK2	35.8	-27	0	46.14	-	-	74	-27.86	360	100	V
9.84881	34.42	PK2	37.4	-23.1	0	48.72	-	-	74	-25.28	360	100	H
9.84905	34.45	PK2	37.4	-23.1	0	48.75	-	-	74	-25.25	360	100	V

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

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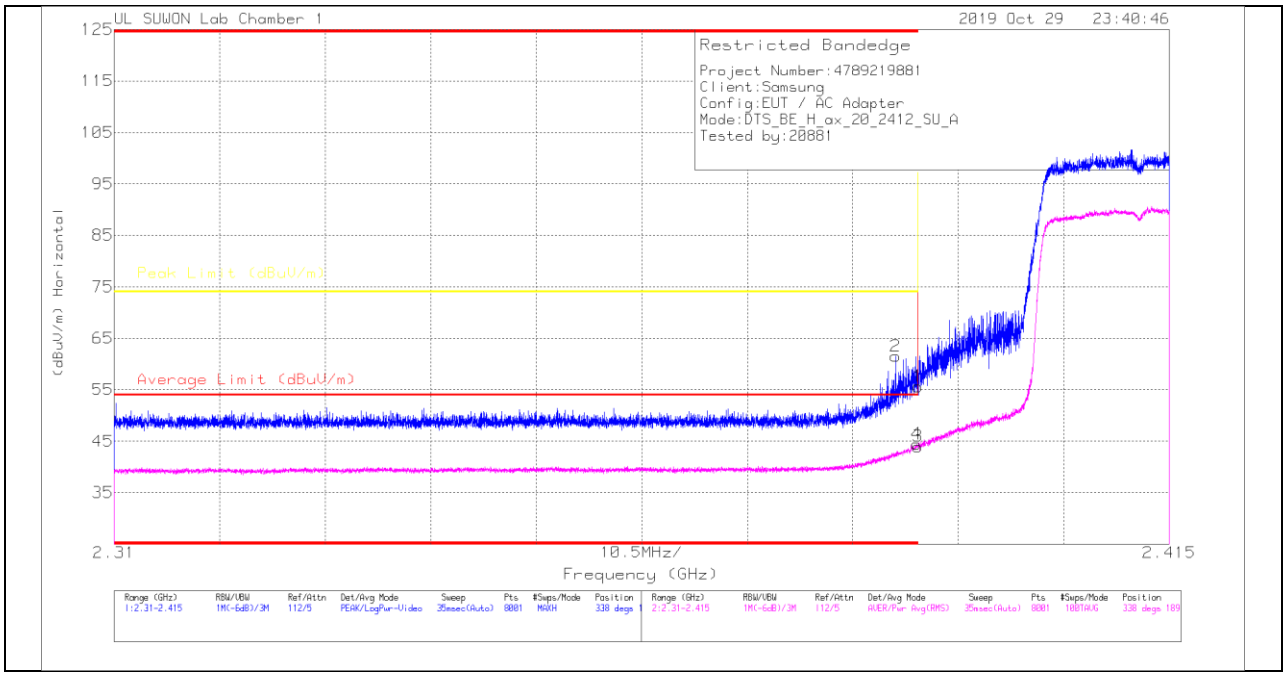
11.2. TRANSMITTER ABOVE 1 GHz_MIMO

11.2.1. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 2.4 GHz BAND

RESTRICTED BANDEDGE (1 CHANNEL)

SU mode (MIMO)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	49.41	Pk	31.7	-25.5	0	55.61	-	-	74	-18.39	338	189	H
2	* 2.38777	55.31	Pk	31.7	-25.5	0	61.51	-	-	74	-12.49	338	189	H
3	* 2.39	37.07	RMS	31.7	-25.5	.72	43.99	54	-10.01	-	-	338	189	H
4	* 2.38987	37.51	RMS	31.7	-25.5	.72	44.43	54	-9.57	-	-	338	189	H

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

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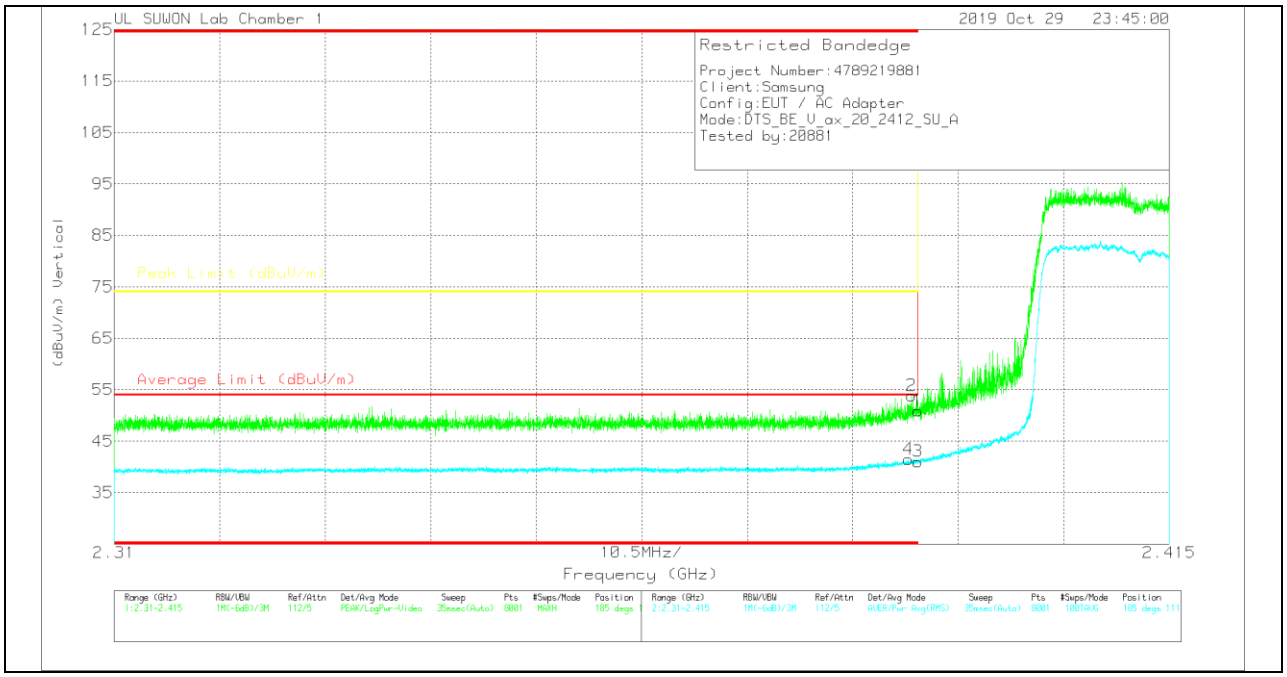
VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	44.73	Pk	31.7	-25.5	0	50.93	-	-	74	-23.07	185	111	V
2	* 2.38937	47.74	Pk	31.7	-25.6	0	53.84	-	-	74	-20.16	185	111	V
3	* 2.39	34.13	RMS	31.7	-25.5	.72	41.05	54	-12.95	-	-	185	111	V
4	* 2.38903	34.69	RMS	31.7	-25.6	.72	41.51	54	-12.49	-	-	185	111	V

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

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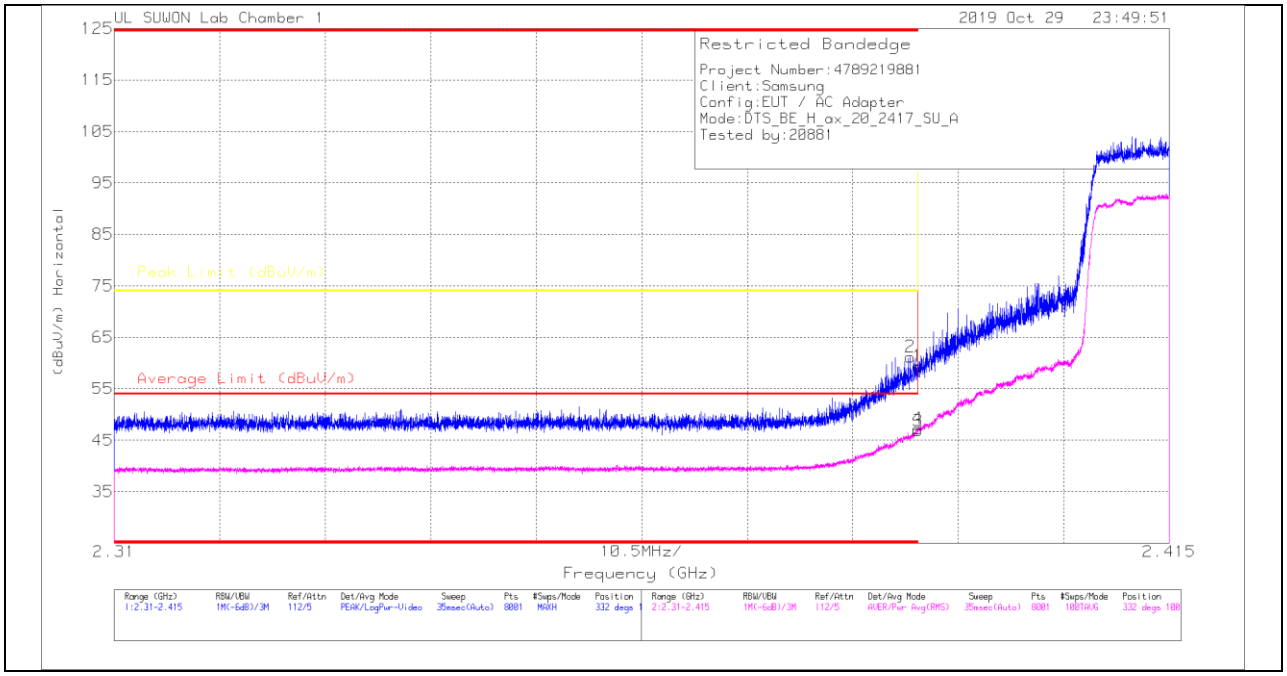
AUTHORIZED BANDEDGE (2 CHANNEL)

SU mode (MIMO)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	53.17	Pk	31.7	-25.5	0	59.37	-	-	74	-14.63	332	100	H
2	* 2.38925	55.09	Pk	31.7	-25.6	0	61.19	-	-	74	-12.81	332	100	H
3	* 2.39	39.91	RMS	31.7	-25.5	.72	46.83	54	-7.17	-	-	332	100	H
4	* 2.38996	40.34	RMS	31.7	-25.5	.72	47.26	54	-6.74	-	-	332	100	H

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

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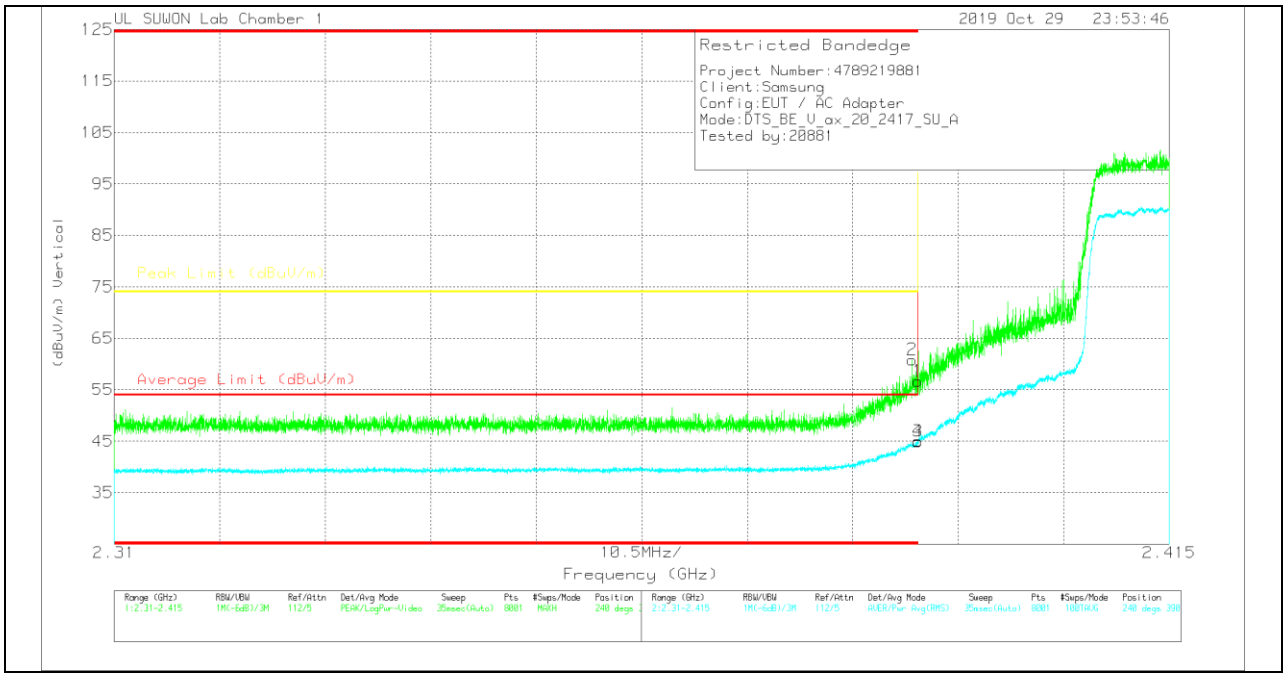
VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	50.46	Pk	31.7	-25.5	0	56.66	-	-	74	-17.34	240	390	V
2	* 2.38939	54.73	Pk	31.7	-25.6	0	60.83	-	-	74	-13.17	240	390	V
3	* 2.39	38.04	RMS	31.7	-25.5	.72	44.96	54	-9.04	-	-	240	390	V
4	* 2.38997	38.11	RMS	31.7	-25.5	.72	45.03	54	-8.97	-	-	240	390	V

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

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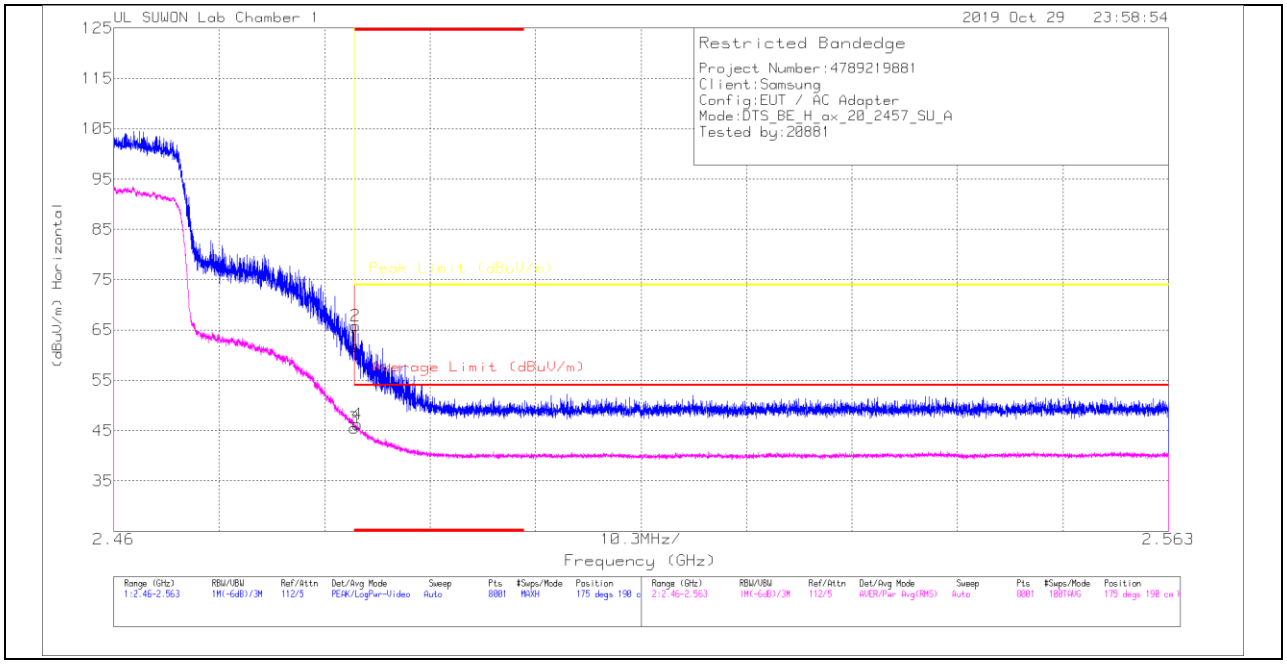
AUTHORIZED BANDEDGE (10 CHANNEL)

SU mode (MIMO)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	55.04	Pk	31.9	-25.2	0	61.74	-	-	74	-12.26	175	190	H
2	* 2.48363	59.08	Pk	31.9	-25.2	0	65.78	-	-	74	-8.22	175	190	H
3	* 2.48351	38.09	RMS	31.9	-25.2	.72	45.51	54	-8.49	-	-	175	190	H
4	* 2.48379	38.84	RMS	31.9	-25.2	.72	46.26	54	-7.74	-	-	175	190	H

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

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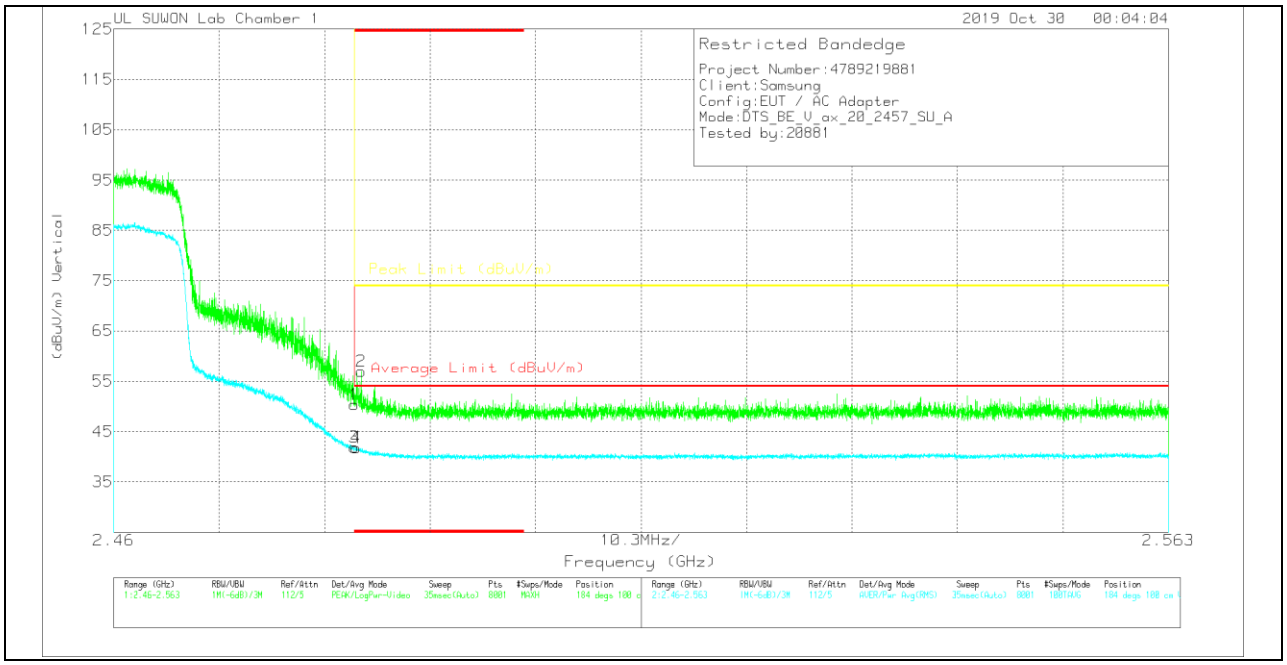
VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	43.72	Pk	31.9	-25.2	0	50.42	-	-	74	-23.58	184	100	V
2	* 2.48418	50.14	Pk	31.9	-25.1	0	56.94	-	-	74	-17.06	184	100	V
3	* 2.48351	34.49	RMS	31.9	-25.2	.72	41.91	54	-12.09	-	-	184	100	V
4	* 2.48369	34.42	RMS	31.9	-25.2	.72	41.84	54	-12.16	-	-	184	100	V

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

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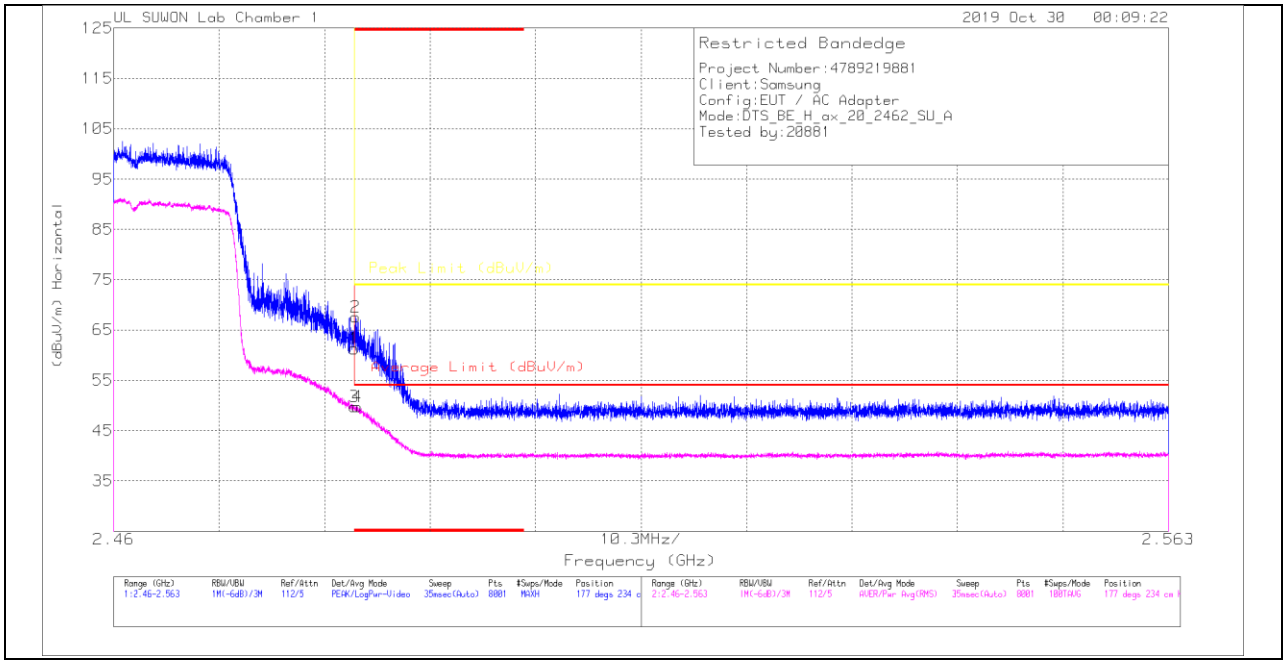
AUTHORIZED BANDEDGE (11 CHANNEL)

SU mode (MIMO)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	54.59	Pk	31.9	-25.2	0	61.29	-	-	74	-12.71	177	234	H
2	* 2.48363	60.91	Pk	31.9	-25.2	0	67.61	-	-	74	-6.39	177	234	H
3	* 2.48351	42.37	RMS	31.9	-25.2	.72	49.79	54	-4.21	-	-	177	234	H
4	* 2.48379	42.37	RMS	31.9	-25.2	.72	49.79	54	-4.21	-	-	177	234	H

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

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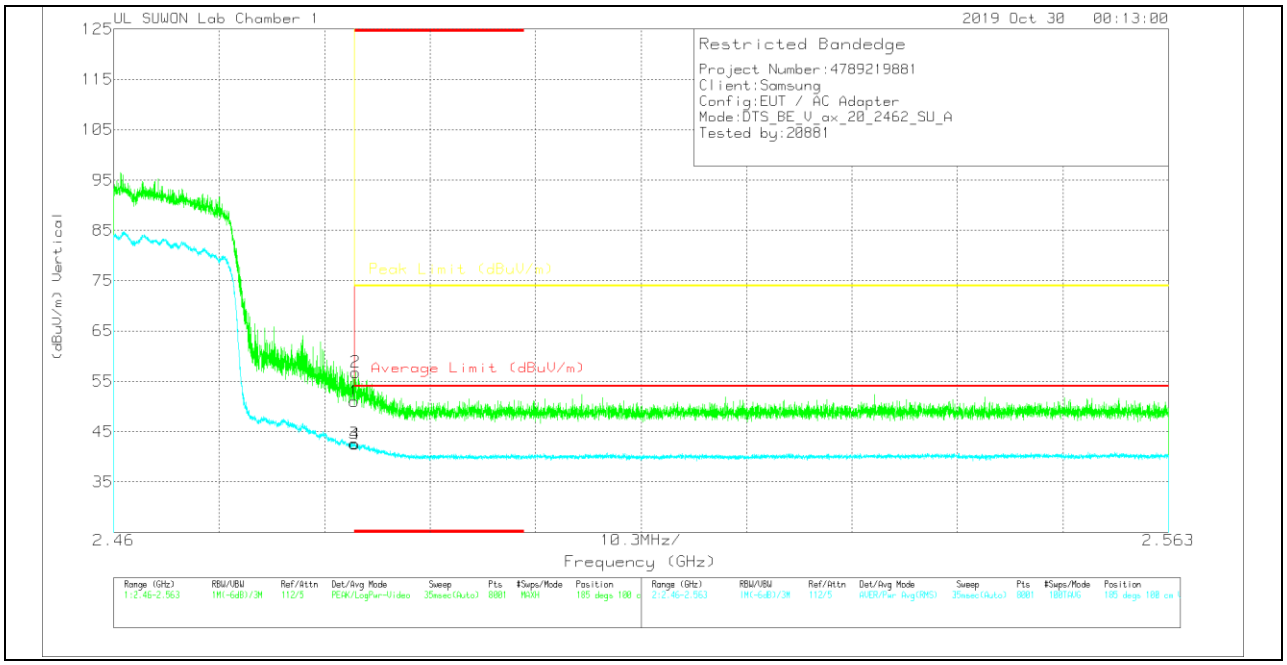
VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	44.31	Pk	31.9	-25.2	0	51.01	-	-	74	-22.99	185	100	V
2	* 2.4836	50.1	Pk	31.9	-25.2	0	56.8	-	-	74	-17.2	185	100	V
3	* 2.48351	35.23	RMS	31.9	-25.2	.72	42.65	54	-11.35	-	-	185	100	V
4	* 2.48355	35.11	RMS	31.9	-25.2	.72	42.53	54	-11.47	-	-	185	100	V

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

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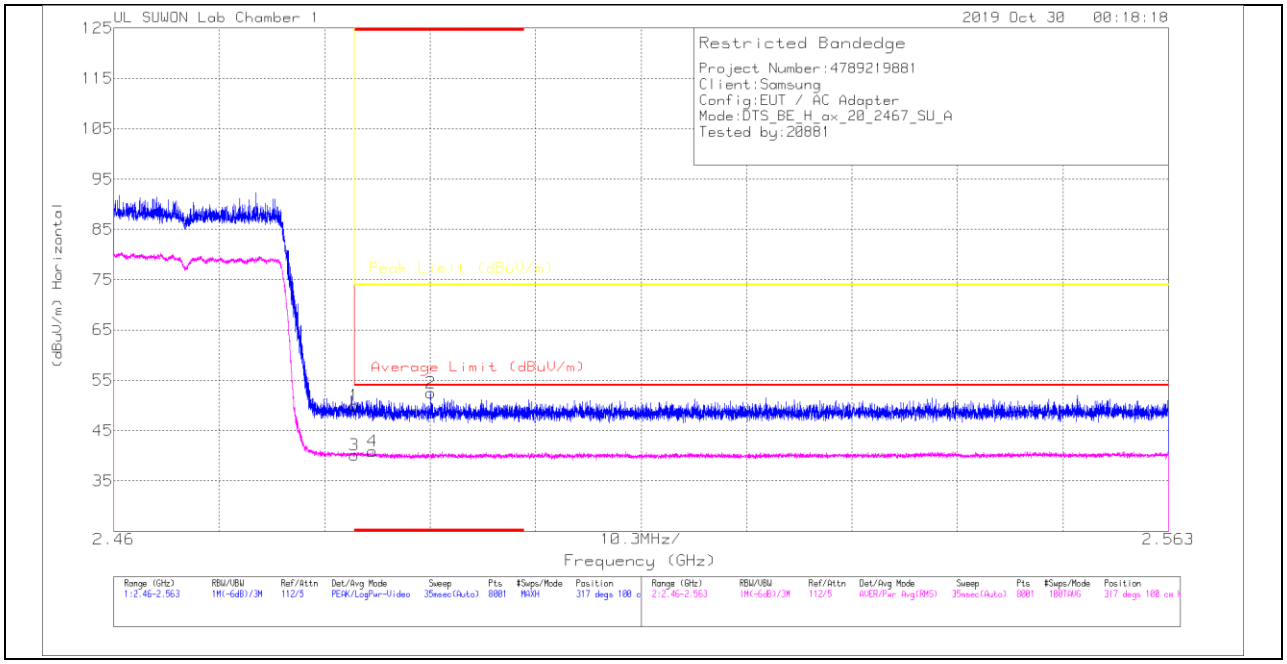
AUTHORIZED BANDEDGE (12 CHANNEL)

SU mode (MIMO)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	43.33	Pk	31.9	-25.2	0	50.03	-	-	74	-23.97	317	100	H
2	* 2.49099	45.77	Pk	31.9	-25.2	0	52.47	-	-	74	-21.53	317	100	H
3	* 2.48351	32.73	RMS	31.9	-25.2	.72	40.15	54	-13.85	-	-	317	100	H
4	* 2.48526	33.52	RMS	31.9	-25.2	.72	40.94	54	-13.06	-	-	317	100	H

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

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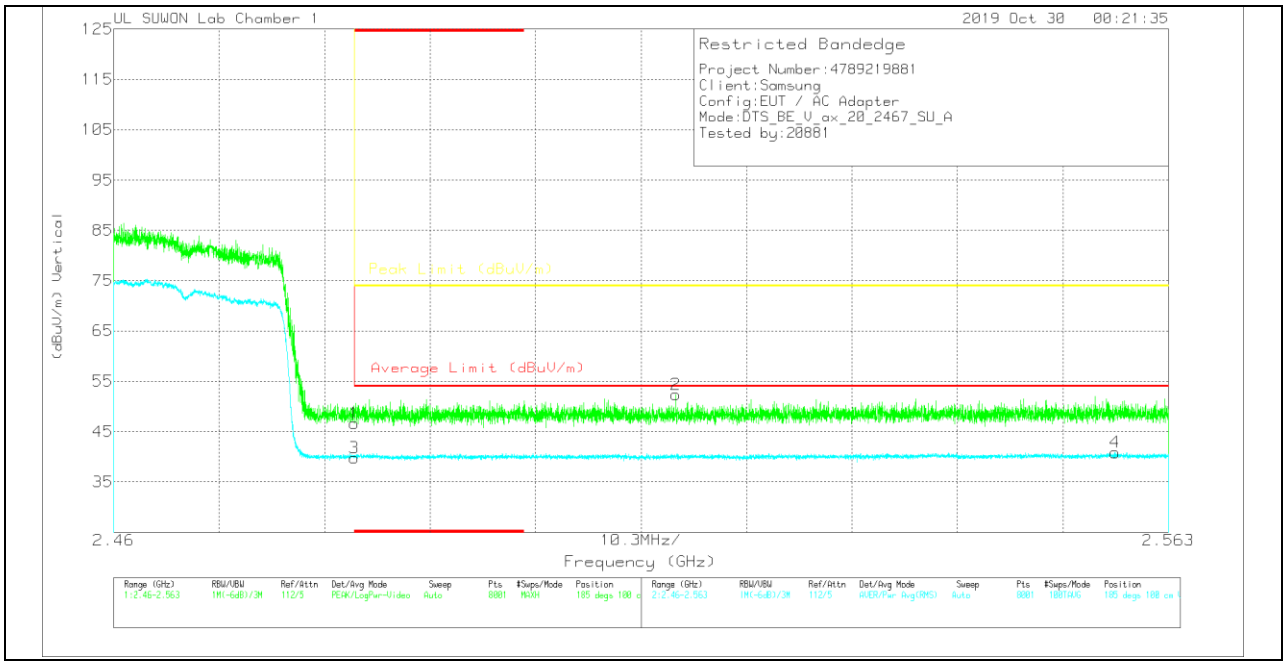
VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	39.9	Pk	31.9	-25.2	0	46.6	-	-	74	-27.4	185	100	V
2	2.51489	45.54	Pk	32	-25.2	0	52.34	-	-	74	-21.66	185	100	V
3	* 2.48351	32.35	RMS	31.9	-25.2	.72	39.77	54	-14.23	-	-	185	100	V
4	2.55782	33.13	RMS	32	-25	.72	40.85	54	-13.15	-	-	185	100	V

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

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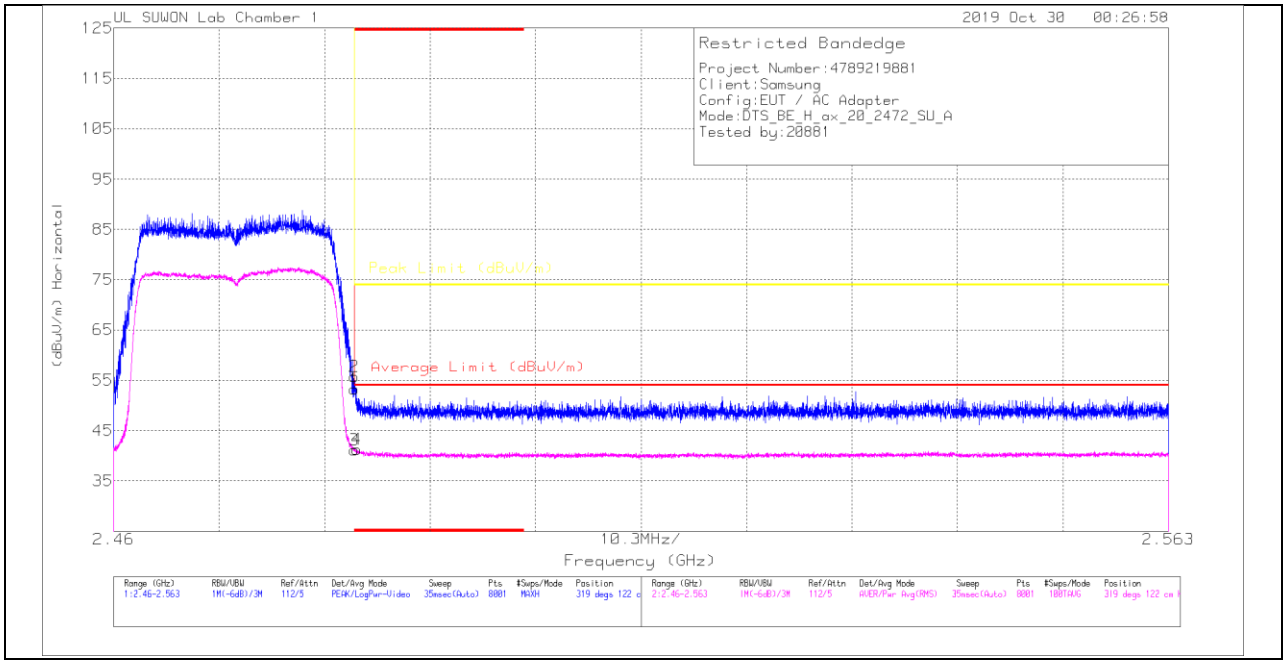
AUTHORIZED BANDEDGE (13 CHANNEL)

SU mode (MIMO)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	46.51	Pk	31.9	-25.2	0	53.21	-	-	74	-20.79	319	122	H
2	* 2.48352	49.07	Pk	31.9	-25.2	0	55.77	-	-	74	-18.23	319	122	H
3	* 2.48351	33.7	RMS	31.9	-25.2	.72	41.12	54	-12.88	-	-	319	122	H
4	* 2.48374	33.87	RMS	31.9	-25.2	.72	41.29	54	-12.71	-	-	319	122	H

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

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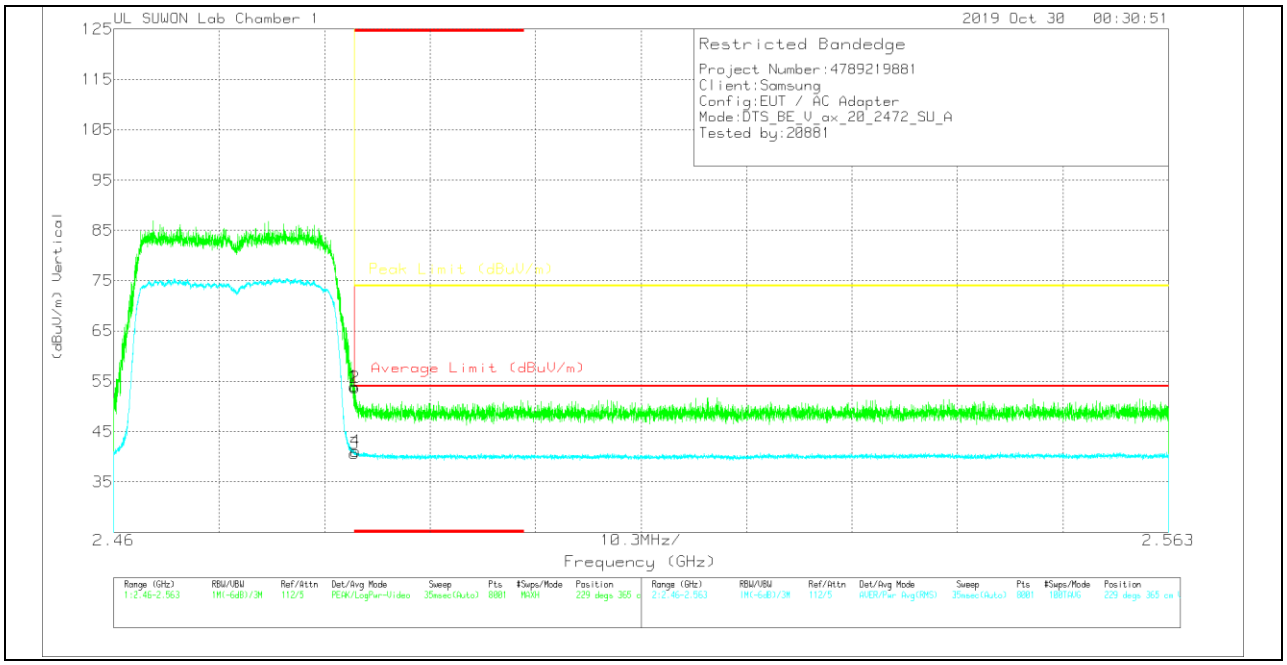
VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	47.32	Pk	31.9	-25.2	0	54.02	-	-	74	-19.98	229	365	V
2	* 2.48355	47.08	Pk	31.9	-25.2	0	53.78	-	-	74	-20.22	229	365	V
3	* 2.48351	33.29	RMS	31.9	-25.2	.72	40.71	54	-13.29	-	-	229	365	V
4	* 2.48361	33.68	RMS	31.9	-25.2	.72	41.1	54	-12.9	-	-	229	365	V

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

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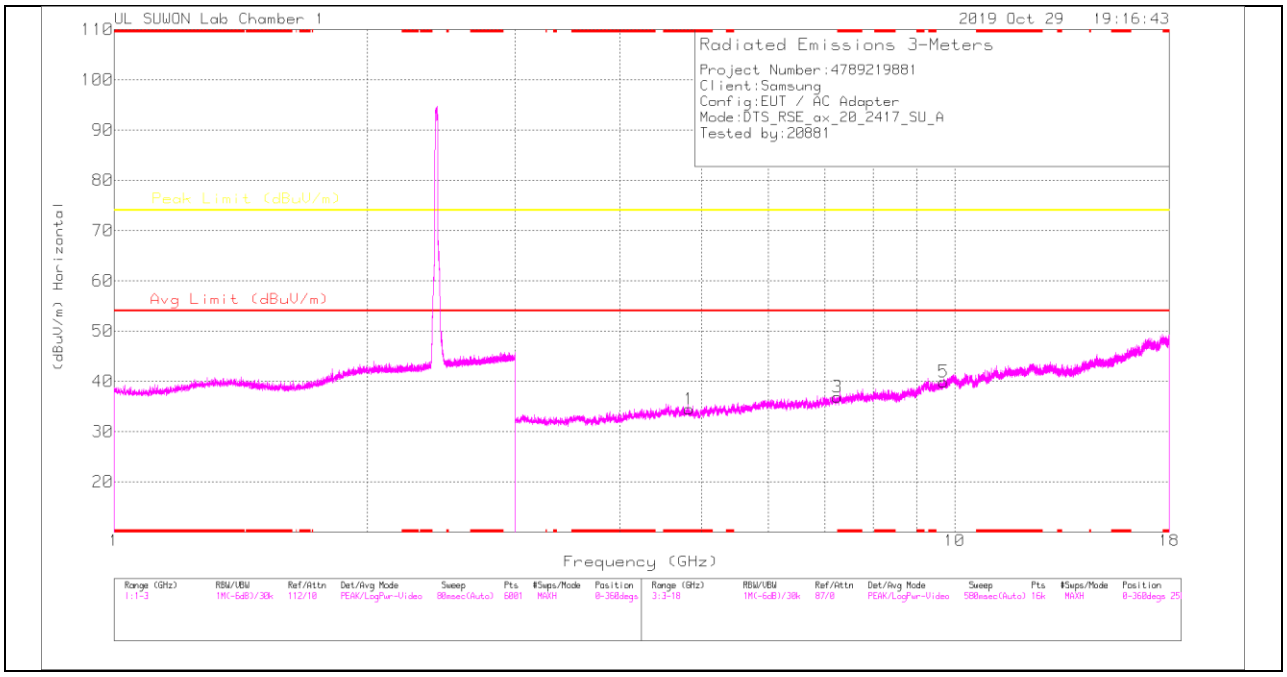
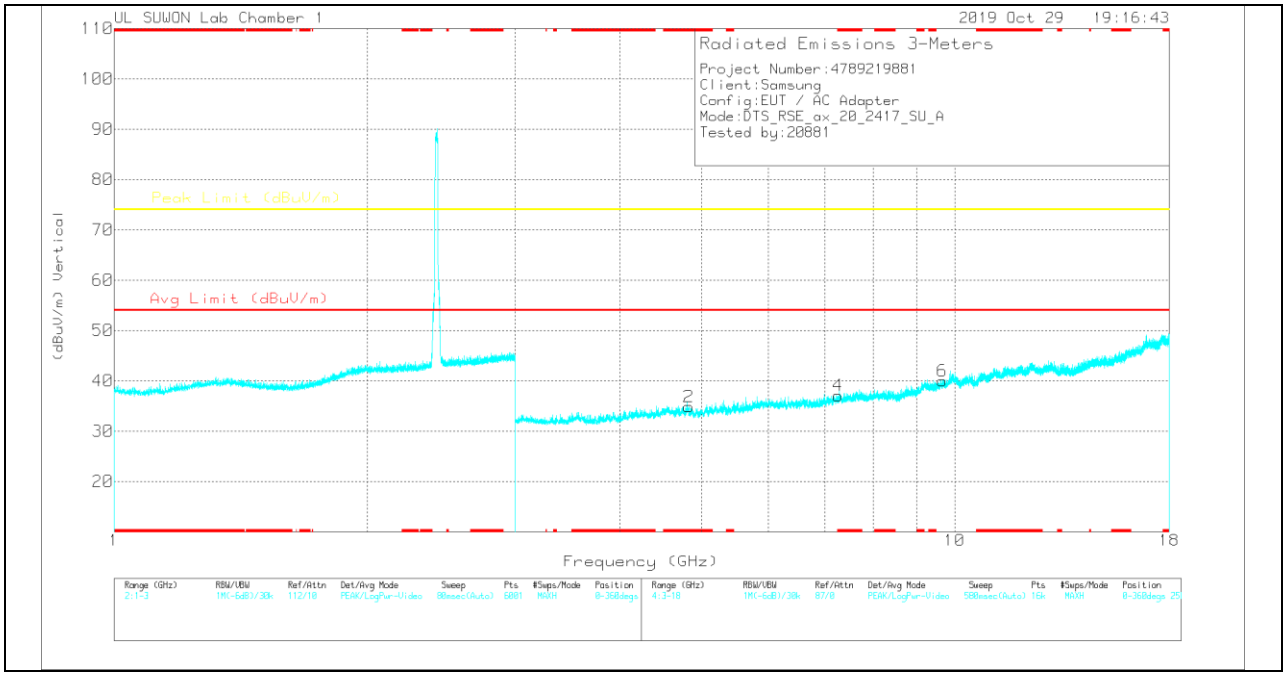
HARMONICS AND SPURIOUS EMISSIONS

SU mode (MIMO)

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.

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2 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	* 4.82988	31.87	PK	34.2	-31.6	0	34.47	-	-	74	-39.53	0-360	250	H
3	* 7.25411	28.67	PK	35.8	-27.6	0	36.87	-	-	74	-37.13	0-360	250	H
5	9.69614	26.48	PK	37.1	-23.7	0	39.88	-	-	74	-34.12	0-360	250	H
2	* 4.82614	32.16	PK	34.2	-31.5	0	34.86	-	-	74	-39.14	0-360	250	V
4	* 7.26348	28.85	PK	35.8	-27.6	0	37.05	-	-	74	-36.95	0-360	150	V
6	9.66333	26.37	PK	37.1	-23.5	0	39.97	-	-	74	-34.03	0-360	250	V

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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
* 4.82923	41.12	PK2	34.2	-31.5	0	43.82	-	-	74	-30.18	0	100	H
* 4.83006	40.65	PK2	34.2	-31.6	0	43.25	-	-	74	-30.75	0	100	V
* 7.25558	37.75	PK2	35.8	-27.5	0	46.05	-	-	74	-27.95	0	100	H
* 7.25249	38.83	PK2	35.8	-27.6	0	47.03	-	-	74	-26.97	0	100	V
9.69792	34.93	PK2	37.1	-23.7	0	48.33	-	-	74	-25.67	0	100	H
9.69432	34.42	PK2	37.1	-23.6	0	47.92	-	-	74	-26.08	0	100	V

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

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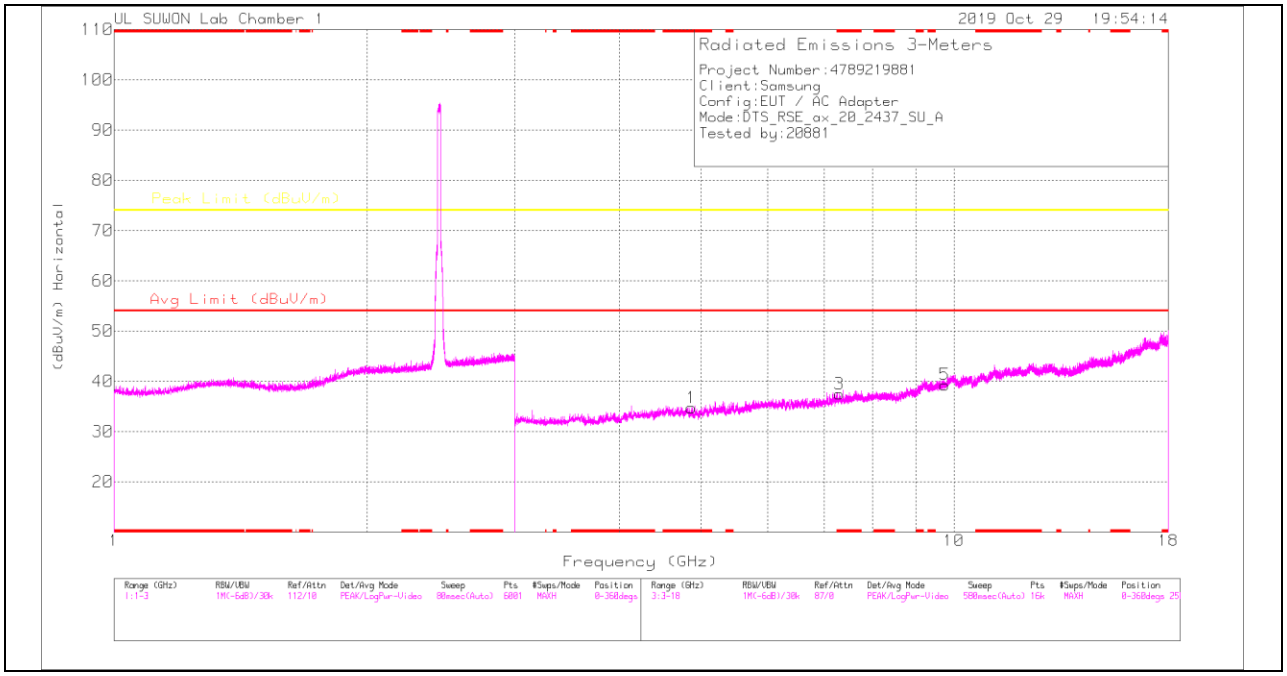
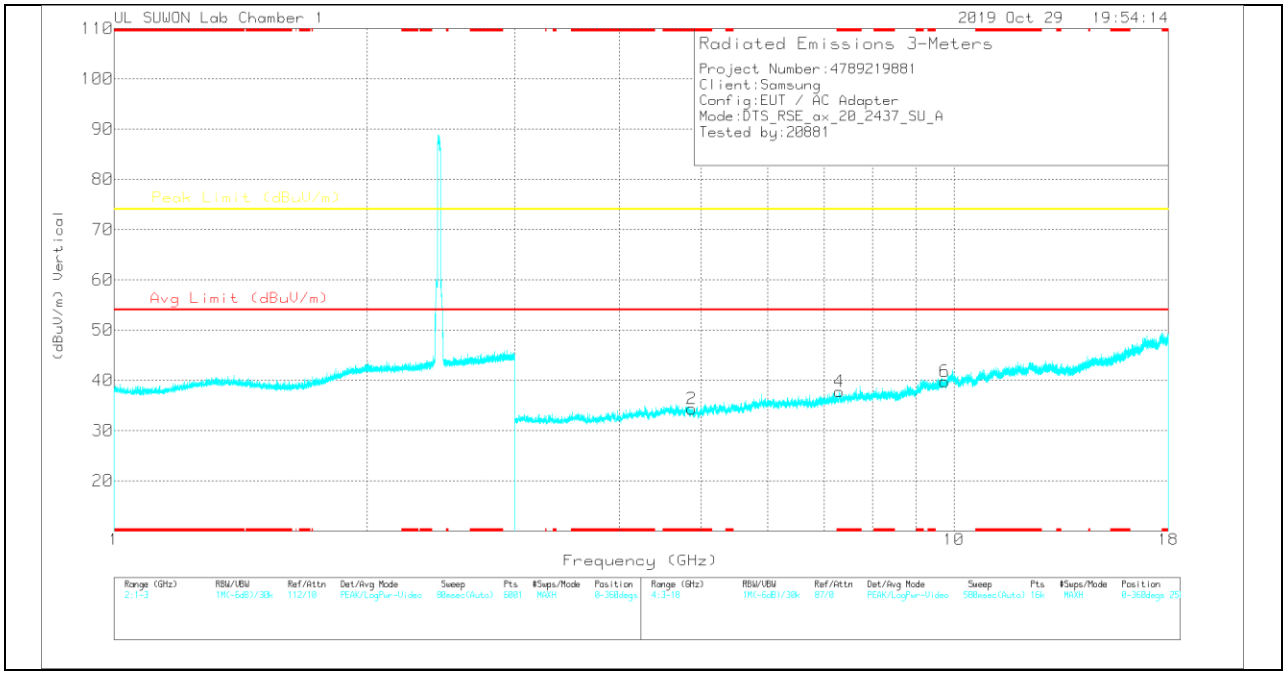
6 CHANNEL HORIZONTAL



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.

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6 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	* 4.86832	32.13	PK	34.2	-31.6	0	34.73	-	-	74	-39.27	0-360	250	H
3	* 7.30285	29.25	PK	35.8	-27.6	0	37.45	-	-	74	-36.55	0-360	250	H
5	9.74911	25.89	PK	37.2	-23.8	0	39.29	-	-	74	-34.71	0-360	250	H
2	* 4.87301	31.72	PK	34.2	-31.6	0	34.32	-	-	74	-39.68	0-360	250	V
4	* 7.30098	29.55	PK	35.8	-27.6	0	37.75	-	-	74	-36.25	0-360	149	V
6	9.74864	26.36	PK	37.2	-23.8	0	39.76	-	-	74	-34.24	0-360	149	V

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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
* 4.86911	40.79	PK2	34.2	-31.6	0	43.39	-	-	74	-30.61	0	100	H
* 4.86753	41.44	PK2	34.2	-31.6	0	44.04	-	-	74	-29.96	0	100	V
* 7.30132	37.88	PK2	35.8	-27.6	0	46.08	-	-	74	-27.92	0	100	H
* 7.30088	37.82	PK2	35.8	-27.6	0	46.02	-	-	74	-27.98	0	100	V
9.74946	34.47	PK2	37.2	-23.8	0	47.87	-	-	74	-26.13	0	100	H
9.7482	34.75	PK2	37.2	-23.8	0	48.15	-	-	74	-25.85	0	100	V

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

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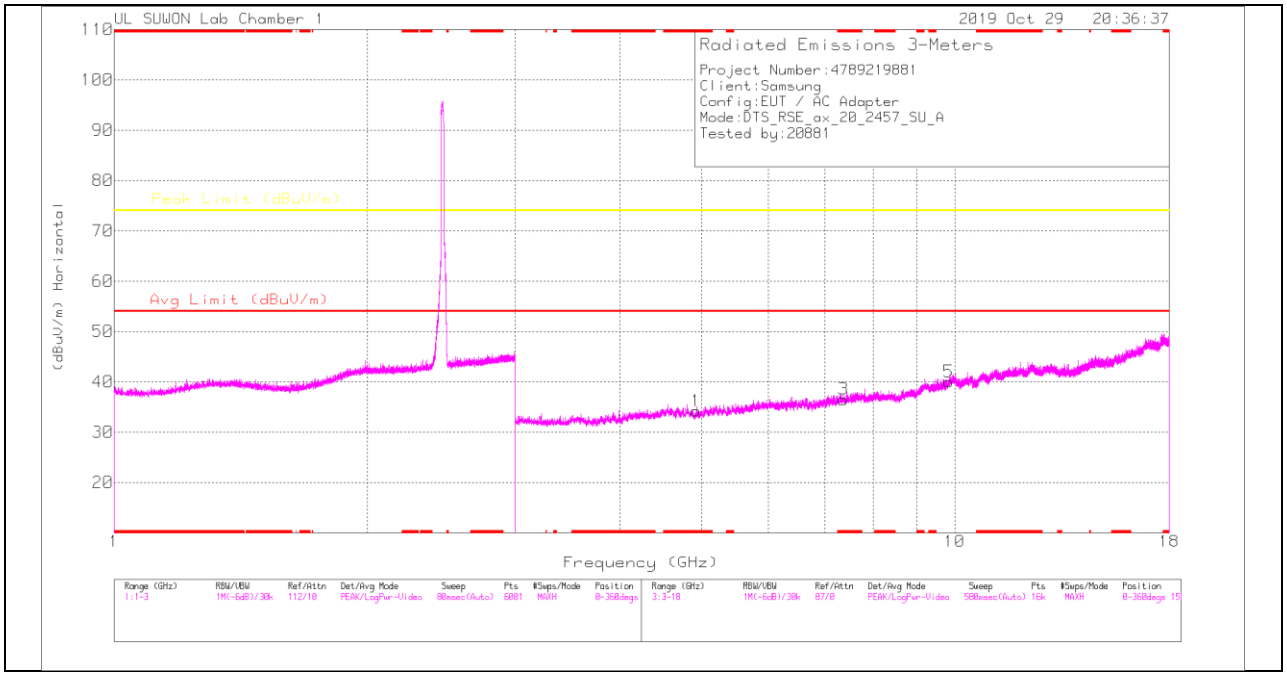
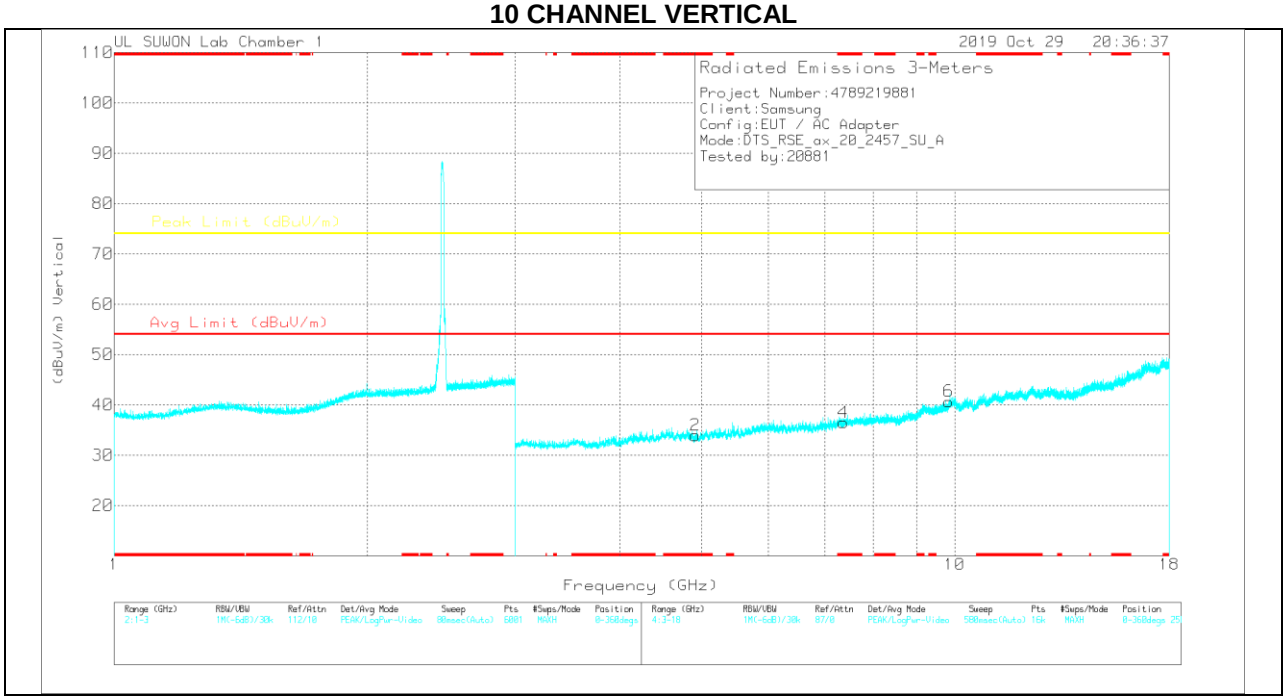
10 CHANNEL HORIZONTAL



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.

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10 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	* 4.91988	31.62	PK	34.2	-31.6	0	34.22	-	-	74	-39.78	0-360	250	H
3	* 7.37129	28.04	PK	35.8	-27.3	0	36.54	-	-	74	-37.46	0-360	150	H
5	9.83301	26.1	PK	37.4	-23.5	0	40	-	-	74	-34	0-360	150	H
2	* 4.91519	31.34	PK	34.2	-31.6	0	33.94	-	-	74	-40.06	0-360	149	V
4	* 7.37129	27.96	PK	35.8	-27.3	0	36.46	-	-	74	-37.54	0-360	250	V
6	9.83113	26.77	PK	37.4	-23.5	0	40.67	-	-	74	-33.33	0-360	149	V

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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
* 4.91817	40.36	PK2	34.2	-31.6	0	42.96	-	-	74	-31.04	0	100	H
* 4.91898	40.62	PK2	34.2	-31.6	0	43.22	-	-	74	-30.78	0	100	V
* 7.37128	37.11	PK2	35.8	-27.3	0	45.61	-	-	74	-28.39	0	100	H
* 7.37299	37.72	PK2	35.8	-27.3	0	46.22	-	-	74	-27.78	0	100	V
9.83199	34.38	PK2	37.4	-23.5	0	48.28	-	-	74	-25.72	0	100	H
9.83127	34.22	PK2	37.4	-23.5	0	48.12	-	-	74	-25.88	0	100	V

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

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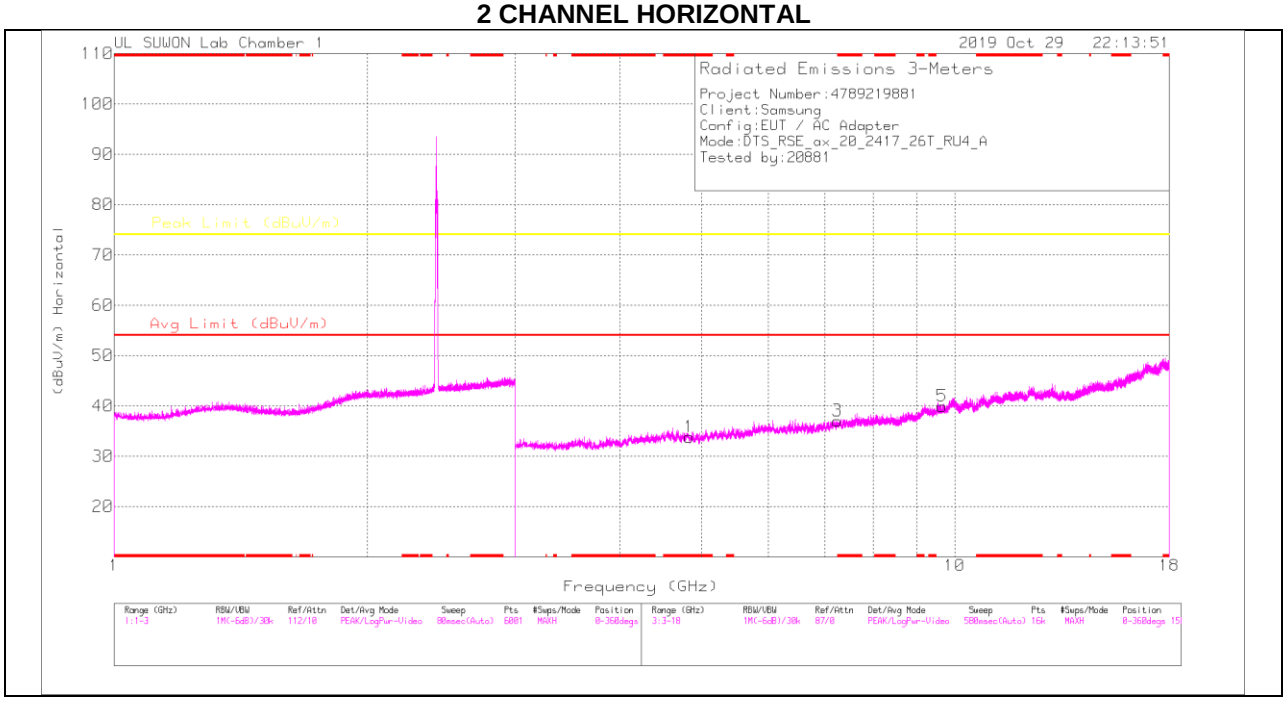
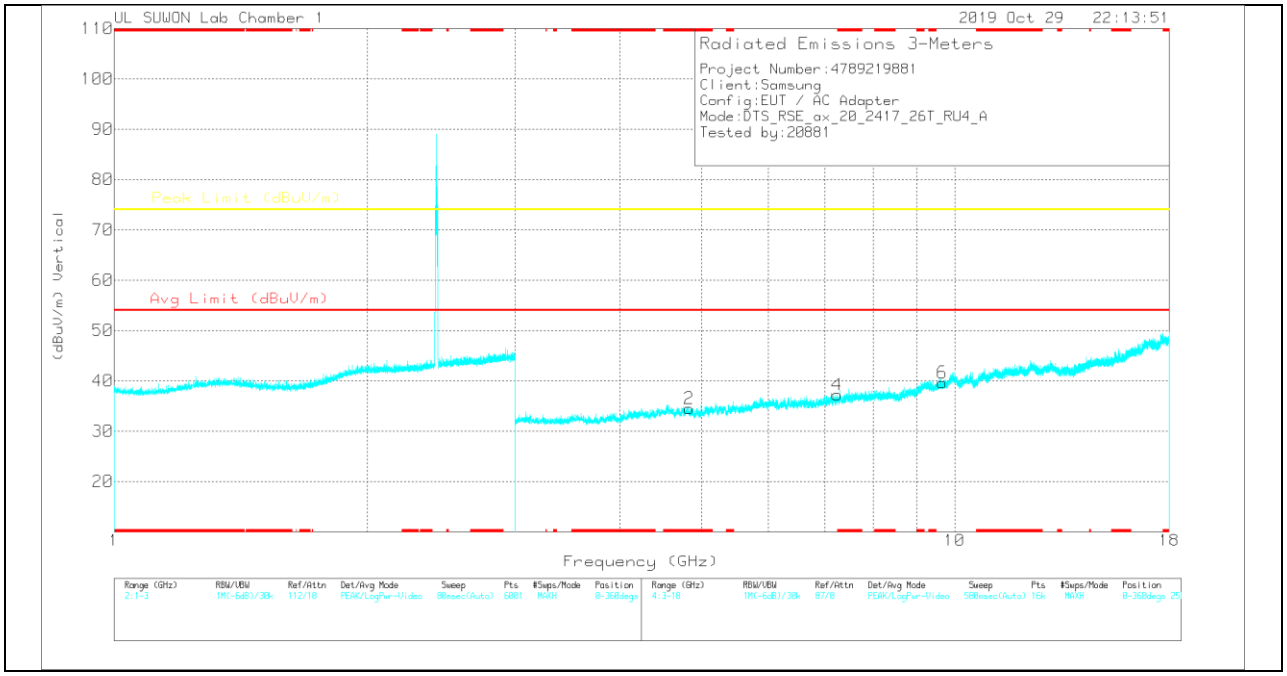
26T RU mode (MIMO / Low: 4, Mid: 0, High: 4)

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.

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2 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	* 4.82801	31.21	PK	34.2	-31.6	0	33.81	-	-	74	-40.19	0-360	150	H
3	* 7.25411	28.83	PK	35.8	-27.6	0	37.03	-	-	74	-36.97	0-360	250	H
5	9.66052	26.31	PK	37.1	-23.5	0	39.91	-	-	74	-34.09	0-360	150	H
2	* 4.82801	31.89	PK	34.2	-31.6	0	34.49	-	-	74	-39.51	0-360	150	V
4	7.24661	29.11	PK	35.8	-27.7	0	37.21	-	-	74	-36.79	0-360	250	V
6	9.66802	26.12	PK	37.1	-23.6	0	39.62	-	-	74	-34.38	0-360	250	V

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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
* 4.82666	40.54	PK2	34.2	-31.5	0	43.24	-	-	74	-30.76	0	100	H
* 4.8284	40.65	PK2	34.2	-31.6	0	43.25	-	-	74	-30.75	0	100	V
* 7.25295	37.99	PK2	35.8	-27.6	0	46.19	-	-	74	-27.81	0	100	H
* 7.25492	37.45	PK2	35.8	-27.6	0	45.65	-	-	74	-28.35	0	100	V
9.65913	34.63	PK2	37.1	-23.5	0	48.23	-	-	74	-25.77	0	100	H
9.65947	34.75	PK2	37.1	-23.5	0	48.35	-	-	74	-25.65	0	100	V

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

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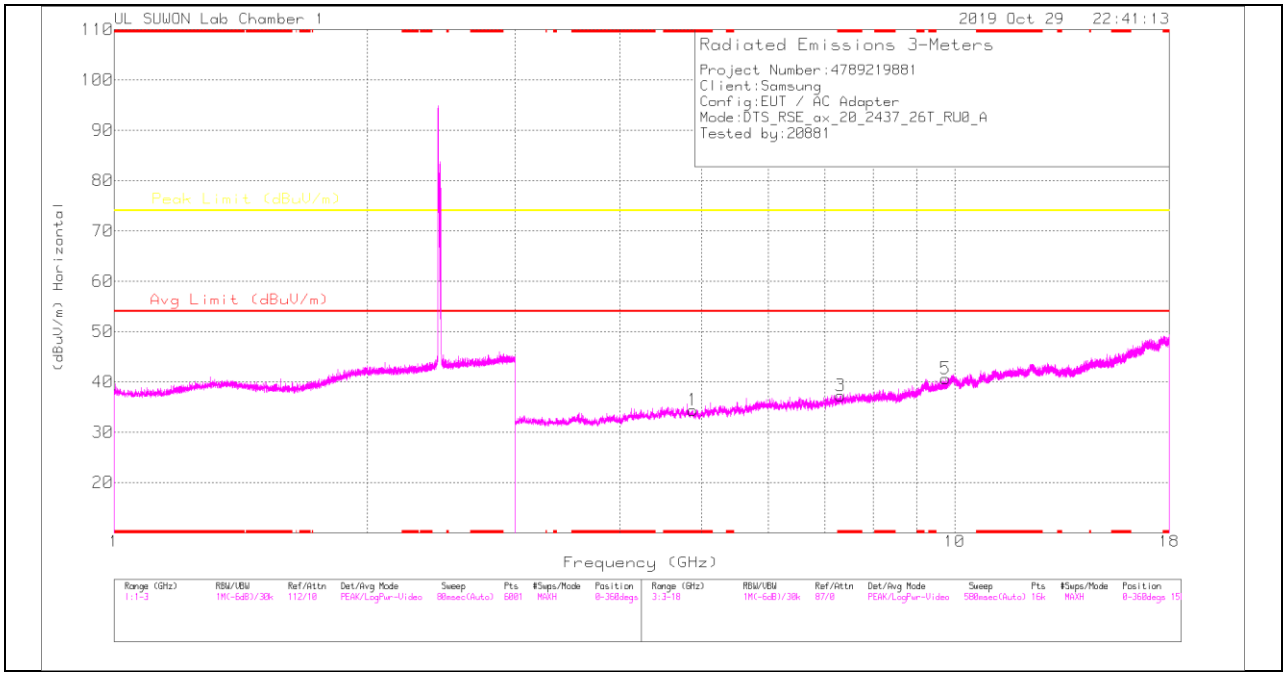
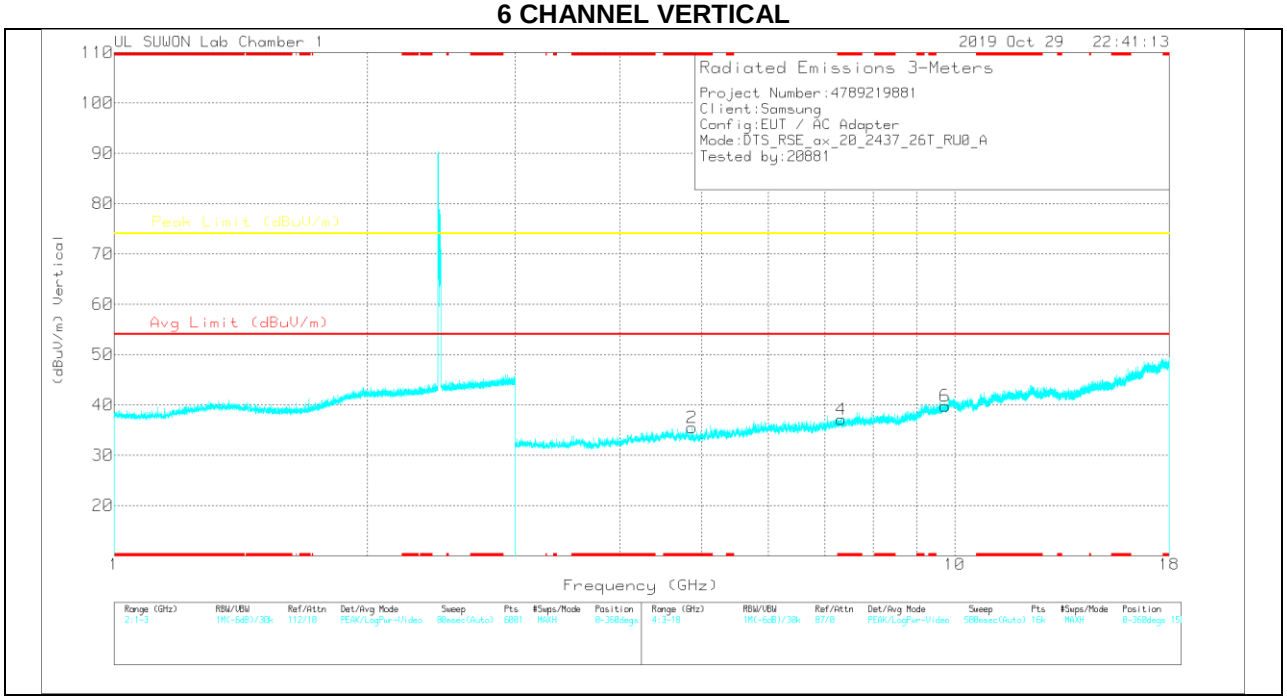
6 CHANNEL HORIZONTAL



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.

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6 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	* 4.87769	31.8	PK	34.2	-31.6	0	34.4	-	-	74	-39.6	0-360	150	H
3	* 7.31317	28.87	PK	35.8	-27.4	0	37.27	-	-	74	-36.73	0-360	250	H
5	9.75333	27.23	PK	37.2	-23.8	0	40.63	-	-	74	-33.37	0-360	250	H
2	* 4.86832	32.87	PK	34.2	-31.6	0	35.47	-	-	74	-38.53	0-360	250	V
4	* 7.32535	28.6	PK	35.8	-27.3	0	37.1	-	-	74	-36.9	0-360	250	V
6	9.7402	26.44	PK	37.2	-23.9	0	39.74	-	-	74	-34.26	0-360	250	V

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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
* 4.87712	40.51	PK2	34.2	-31.5	0	43.21	-	-	74	-30.79	0	100	H
* 4.87912	41.23	PK2	34.2	-31.6	0	43.83	-	-	74	-30.17	0	100	V
* 7.3127	37.58	PK2	35.8	-27.4	0	45.98	-	-	74	-28.02	0	100	H
* 7.31134	37.37	PK2	35.8	-27.5	0	45.67	-	-	74	-28.33	0	100	V
9.75437	34.81	PK2	37.2	-23.8	0	48.21	-	-	74	-25.79	0	100	H
9.75418	34.49	PK2	37.2	-23.8	0	47.89	-	-	74	-26.11	0	100	V

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

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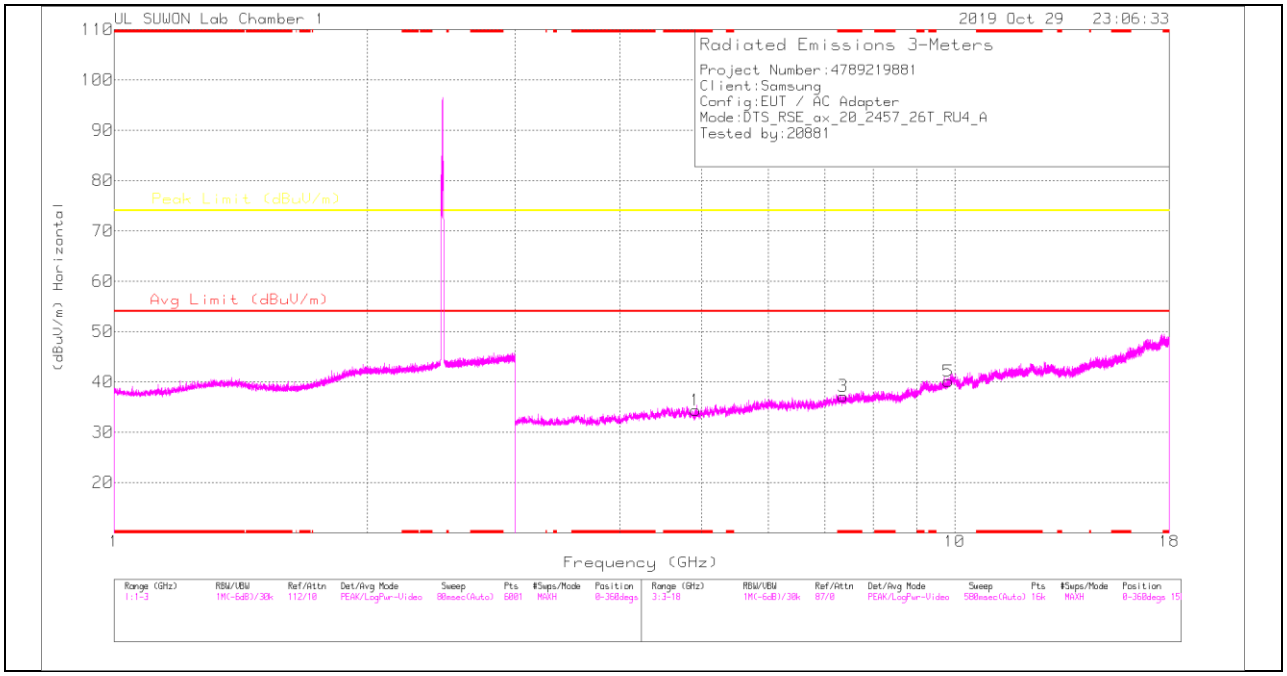
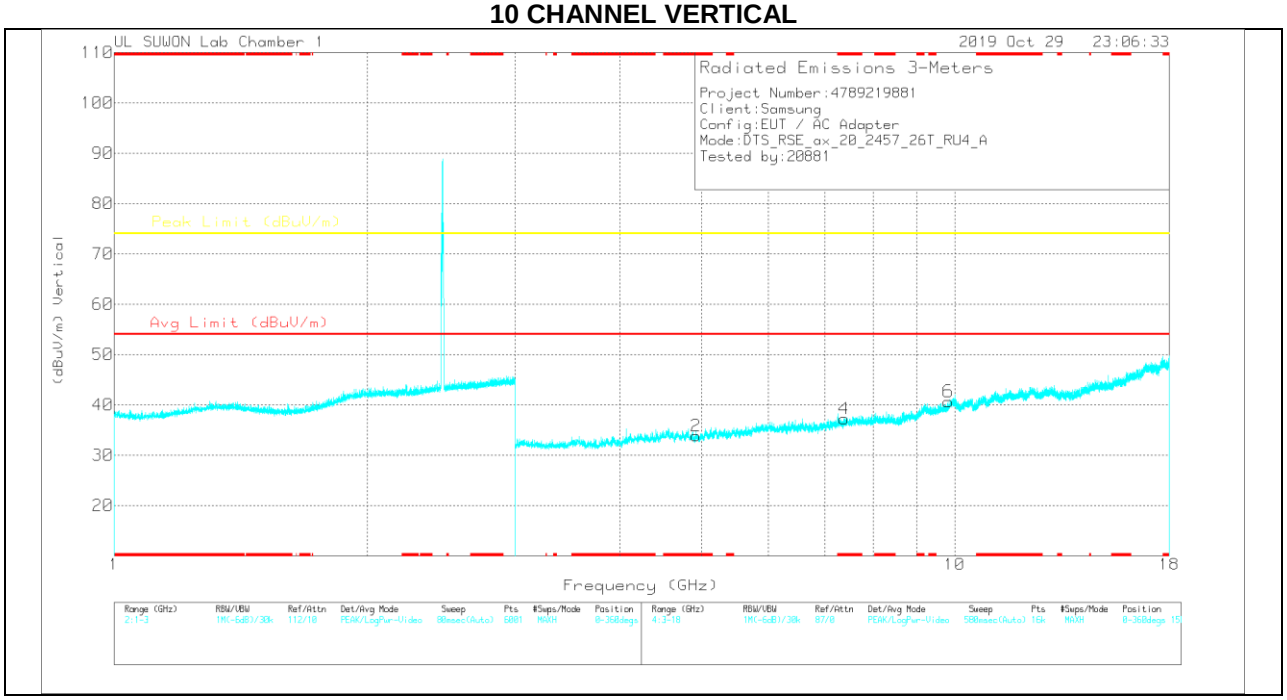
10 CHANNEL HORIZONTAL



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.

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10 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	* 4.918	31.76	PK	34.2	-31.6	0	34.36	-	-	74	-39.64	0-360	250	H
3	* 7.36848	28.63	PK	35.8	-27.3	0	37.13	-	-	74	-36.87	0-360	250	H
5	9.82551	26.3	PK	37.4	-23.6	0	40.1	-	-	74	-33.9	0-360	150	H
2	* 4.92082	31.26	PK	34.2	-31.6	0	33.86	-	-	74	-40.14	0-360	250	V
4	* 7.38535	28.33	PK	35.8	-26.9	0	37.23	-	-	74	-36.77	0-360	150	V
6	9.82551	26.85	PK	37.4	-23.6	0	40.65	-	-	74	-33.35	0-360	250	V

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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
* 4.91716	40.31	PK2	34.2	-31.6	0	42.91	-	-	74	-31.09	0	100	H
* 4.91797	40.15	PK2	34.2	-31.6	0	42.75	-	-	74	-31.25	0	100	V
* 7.37036	37.33	PK2	35.8	-27.3	0	45.83	-	-	74	-28.17	0	100	H
* 7.36979	37.1	PK2	35.8	-27.3	0	45.6	-	-	74	-28.4	0	100	V
9.82513	34.59	PK2	37.4	-23.7	0	48.29	-	-	74	-25.71	0	100	H
9.82418	34.62	PK2	37.3	-23.7	0	48.22	-	-	74	-25.78	0	100	V

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

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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.: 4789247757-E3)

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.: 4789247757-E3)

END OF REPORT

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