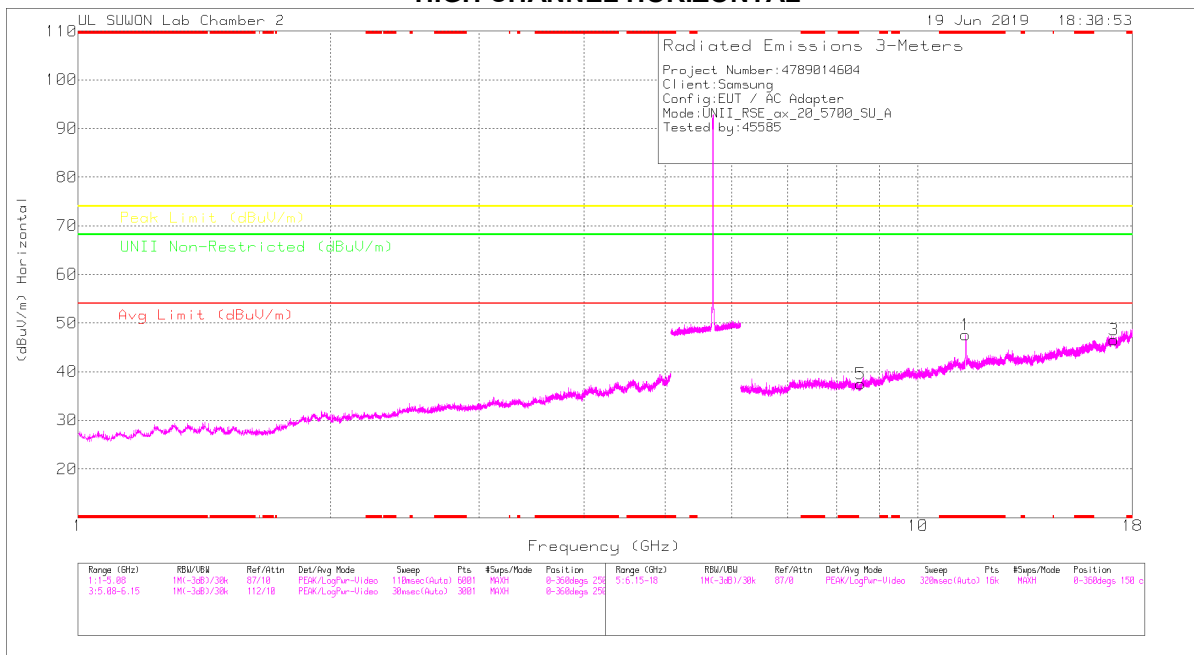
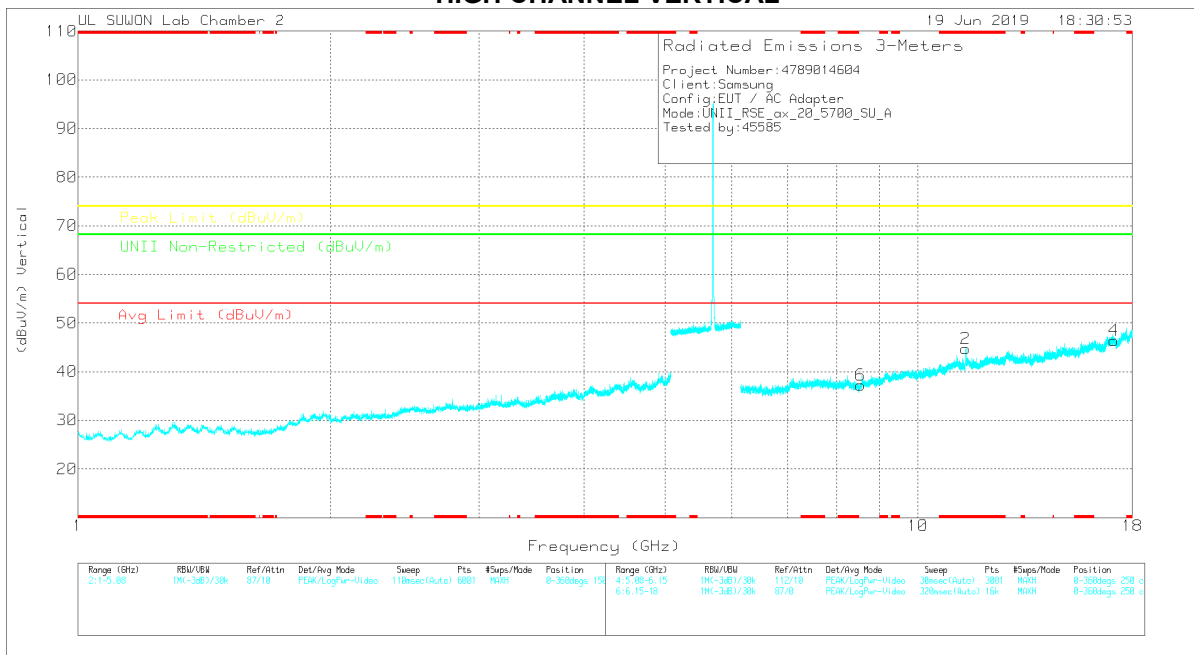


HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; 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	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 11.4	29.43	PK	38.3	-20.2	0	47.53	-	-	74	-26.47	-	-	0-360	150	H
3	17.102	23.87	PK	41.3	-18.6	0	46.57	-	-	-	-	68.2	-21.63	0-360	250	H
5	8.549	24.14	PK	36.1	-22.7	0	37.54	-	-	-	-	68.2	-30.66	0-360	250	H
2	* 11.402	26.63	PK	38.3	-20.2	0	44.73	-	-	74	-29.27	-	-	0-360	150	V
4	17.102	23.73	PK	41.3	-18.6	0	46.43	-	-	-	-	68.2	-21.77	0-360	150	V
6	8.549	23.78	PK	36.1	-22.7	0	37.18	-	-	-	-	68.2	-31.02	0-360	250	V

PK – Peak Detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 11.399	40.84	PK-U	38.3	-20.2	0	58.94	-	-	74	-15.06	-	-	191	160	H
* 11.399	28.53	ADR	38.3	-20.2	0	46.63	54	-7.37	-	-	-	-	191	160	H
* 11.394	38.64	PK-U	38.3	-20.2	0	56.74	-	-	74	-17.26	-	-	135	168	V
* 11.4	26.44	ADR	38.3	-20.2	0	44.54	54	-9.46	-	-	-	-	135	168	V

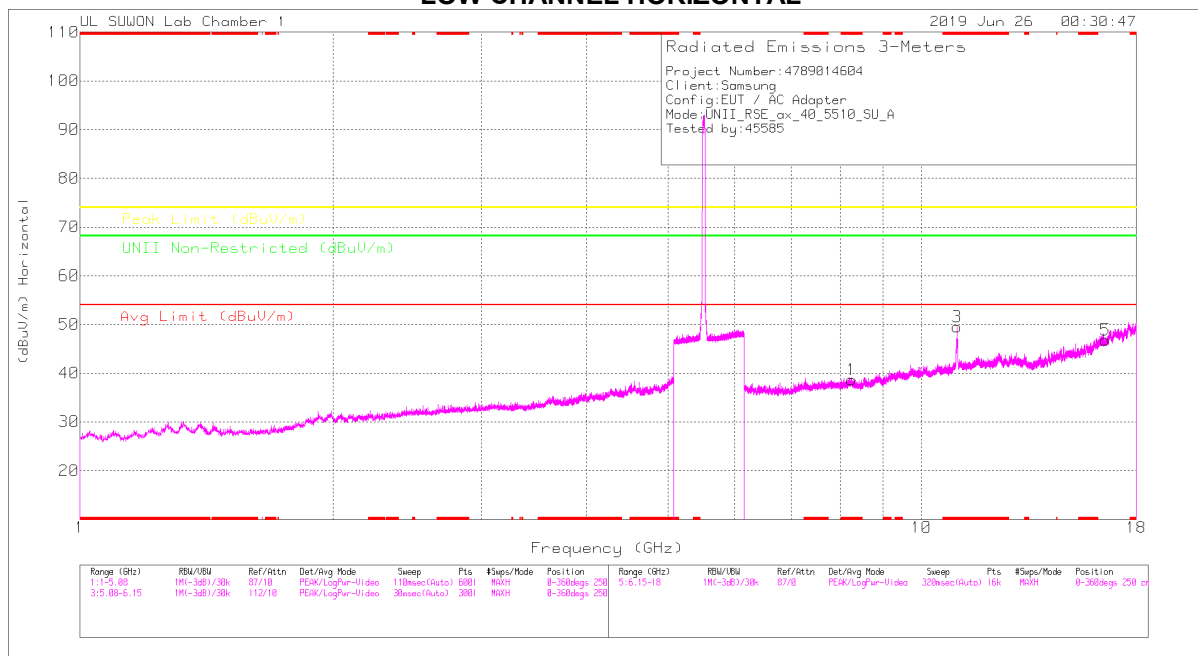
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

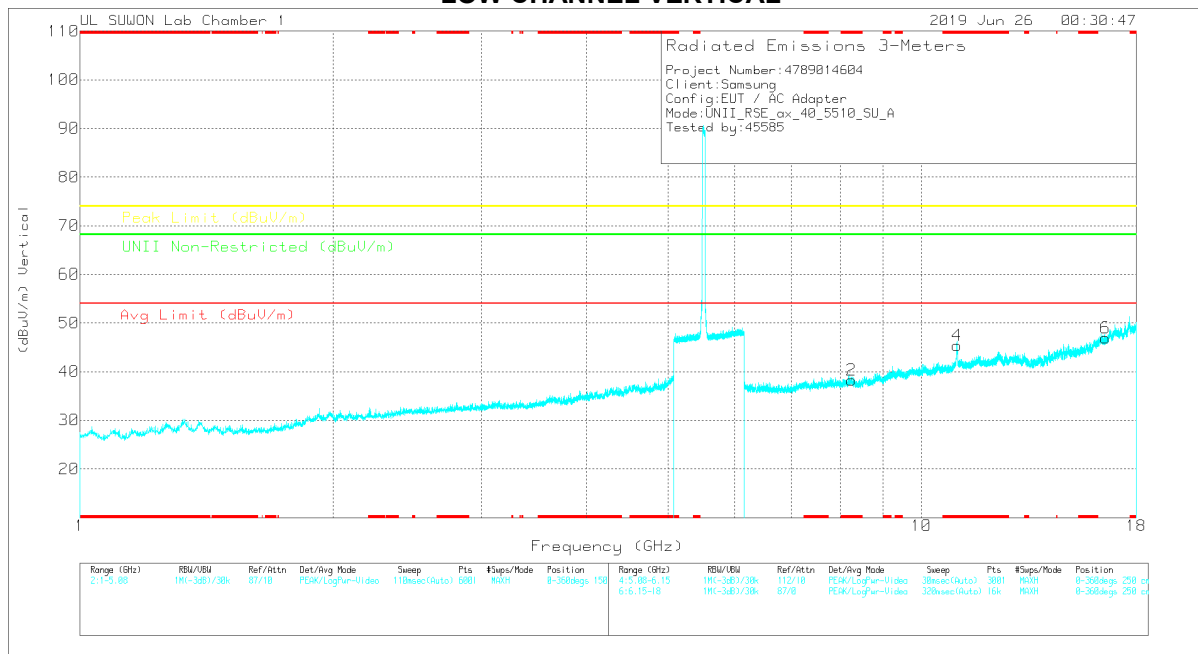
ADR - U-NII AD primary method, RMS average

HE40 SU mode (MIMO)

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; 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_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.26287	27.52	PK	36.4	-25.3	0	38.62	-	-	74	-35.38	-	-	0-360	250	H
3	* 11.01857	32.9	PK	38.2	-21.6	0	49.5	-	-	74	-24.5	-	-	0-360	250	H
5	16.53144	25.29	PK	40.9	-19.4	0	46.79	-	-	-	-	68.2	-21.41	0-360	149	H
2	* 8.26065	27.21	PK	36.4	-25.3	0	38.31	-	-	74	-35.69	-	-	0-360	150	V
4	* 11.01709	28.78	PK	38.2	-21.6	0	45.38	-	-	74	-28.62	-	-	0-360	150	V
6	16.52922	25.42	PK	40.9	-19.4	0	46.92	-	-	-	-	68.2	-21.28	0-360	250	V

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

PK – Peak detector

Radiated Emissions

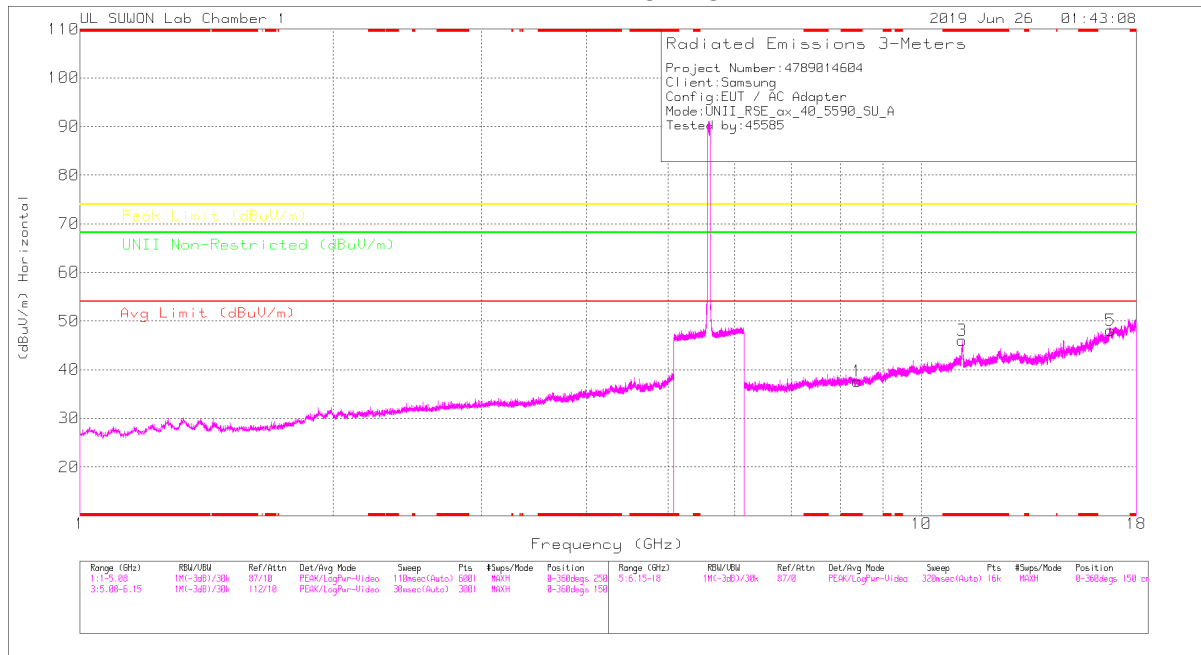
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.01103	42.72	PK-U	38.2	-21.6	0	59.32	-	-	74	-14.68	-	-	177	185	H
* 11.02075	29.76	ADR	38.2	-21.6	0	46.36	54	-7.64	-	-	-	-	177	185	H
* 11.01947	42.24	PK-U	38.2	-21.6	0	58.84	-	-	74	-15.16	-	-	147	180	V
* 11.01961	29.48	ADR	38.2	-21.6	0	46.08	54	-7.92	-	-	-	-	147	180	V

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

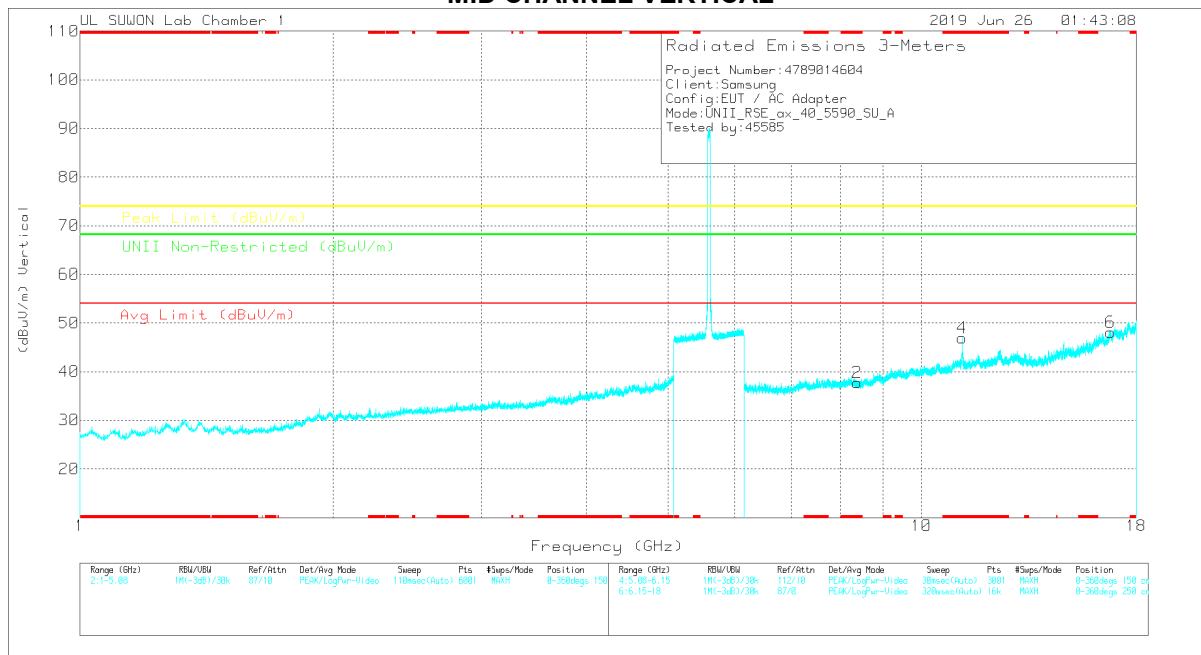
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; 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_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 8.38433	27.03	PK	36.3	-25.7	0	37.63	-	-	74	-36.37	-	-	0-360	150	H
3	* 11.17853	30.16	PK	38.3	-22.4	0	46.06	-	-	74	-27.94	-	-	0-360	250	H
5	16.77064	23.98	PK	41.4	-17.3	0	48.08	-	-	-	-	68.2	-20.12	0-360	150	H
2	* 8.38433	27.15	PK	36.3	-25.7	0	37.75	-	-	74	-36.25	-	-	0-360	150	V
4	* 11.17853	31.06	PK	38.3	-22.4	0	46.96	-	-	74	-27.04	-	-	0-360	150	V
6	16.77138	23.97	PK	41.4	-17.3	0	48.07	-	-	-	-	68.2	-20.13	0-360	150	V

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

PK – Peak detector

Radiated Emissions

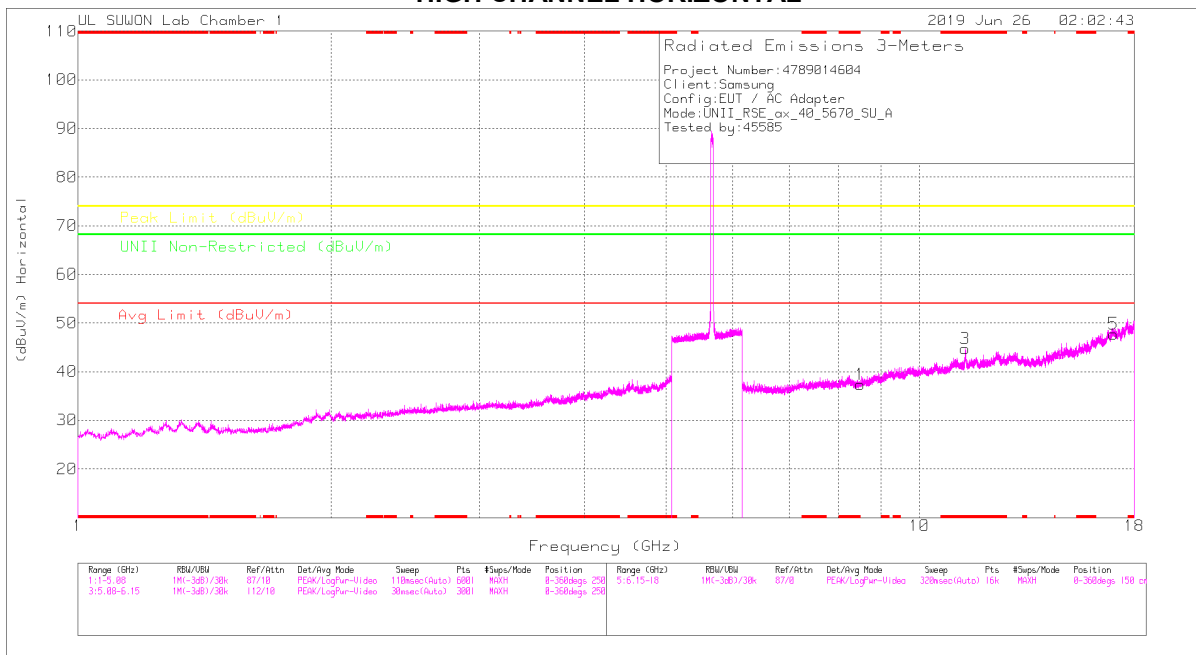
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 11.17772	42.61	PK-U	38.3	-22.4	0	58.51	-	-	74	-15.49	-	-	177	185	H
* 11.17872	29.95	ADR	38.3	-22.4	0	45.85	54	-8.15	-	-	-	-	177	185	H
* 11.17835	41.88	PK-U	38.3	-22.4	0	57.78	-	-	74	-16.22	-	-	148	180	V
* 11.17837	29.42	ADR	38.3	-22.4	0	45.32	54	-8.68	-	-	-	-	148	180	V

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

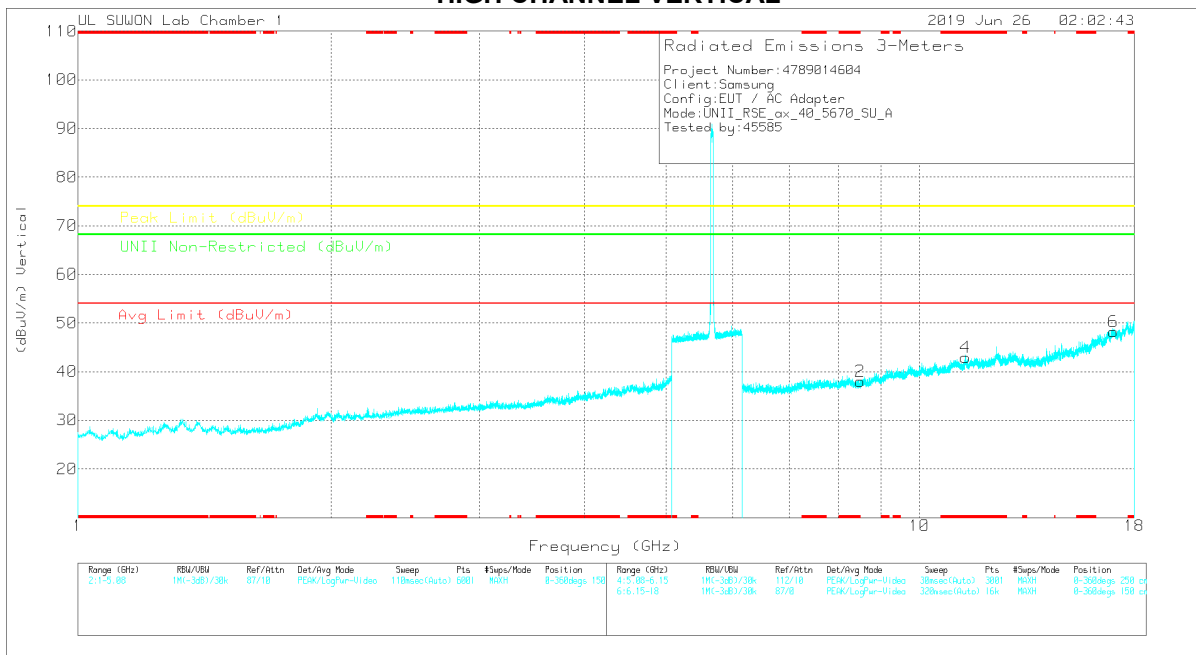
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; 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_00166717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	8.50504	26.37	PK	36.3	-25.3	0	37.37	-	-	-	-	68.2	-30.83	0-360	250	H
3	* 11.3365	28.49	PK	38.4	-22.2	0	44.69	-	-	74	-29.31	-	-	0-360	250	H
5	* 17.00837	23.36	PK	41.7	-17.3	0	47.76	-	-	-	-	68.2	-20.44	0-360	150	H
2	8.50504	27.02	PK	36.3	-25.3	0	38.02	-	-	-	-	68.2	-30.18	0-360	250	V
4	* 11.34146	26.72	PK	38.4	-22.2	0	42.92	-	-	74	-31.08	-	-	0-360	250	V
6	17.01059	23.95	PK	41.7	-17.4	0	48.25	-	-	-	-	68.2	-19.95	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_00166717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 11.33113	39.81	PK-U	38.4	-22.1	0	56.11	-	-	74	-17.89	-	-	176	185	H
* 11.33857	27.53	ADR	38.4	-22.2	0	43.73	54	-10.27	-	-	-	-	176	185	H
* 11.32891	39.31	PK-U	38.4	-22.1	0	55.61	-	-	74	-18.39	-	-	149	180	V
* 11.33967	27.34	ADR	38.4	-22.2	0	43.54	54	-10.46	-	-	-	-	149	180	V

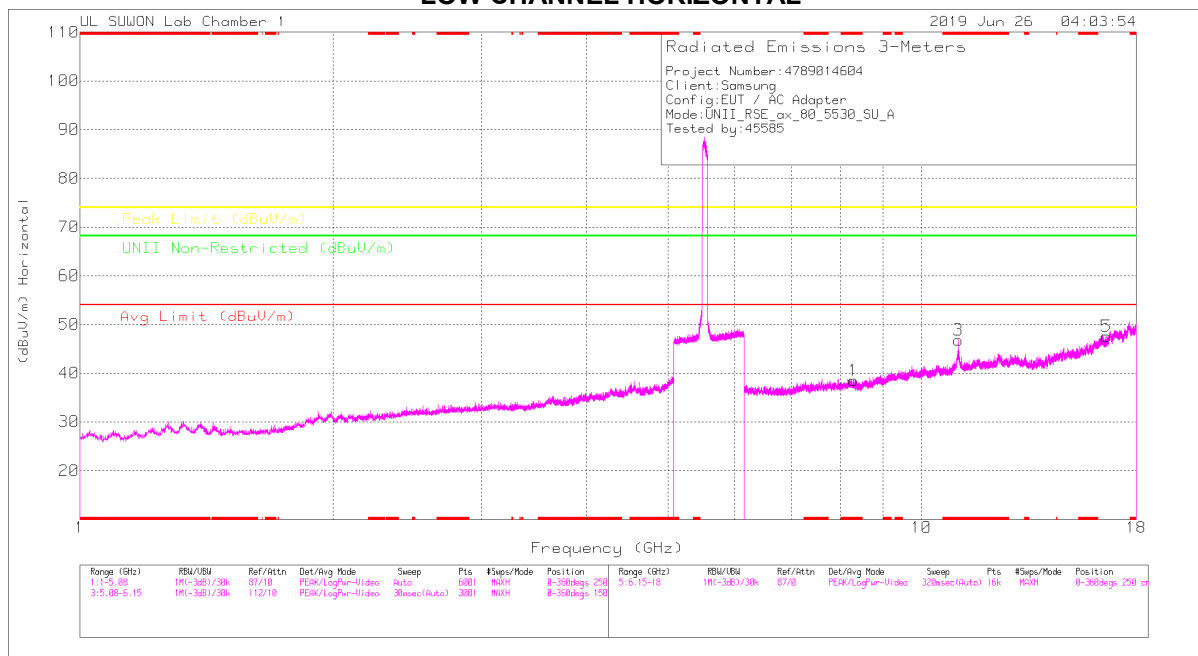
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

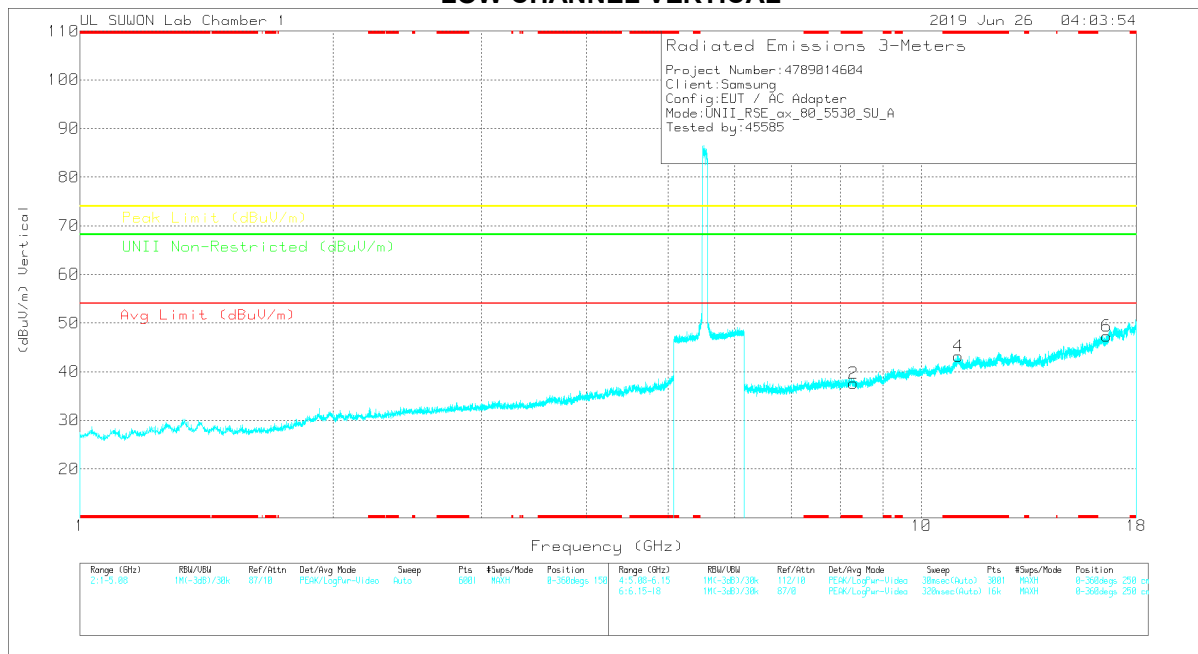
ADR - U-NII AD primary method, RMS average

HE80 SU mode (MIMO)

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; 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_00166717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.29694	27.38	PK	36.4	-25.3	0	38.48	-	-	74	-35.52	-	-	0-360	150	H
3	* 11.06967	30.7	PK	38.3	-22.2	0	46.8	-	-	74	-27.2	-	-	0-360	250	H
5	16.58402	25.44	PK	40.9	-18.8	0	47.54	-	-	-	-	68.2	-20.66	0-360	150	H
2	* 8.29768	26.53	PK	36.4	-25.3	0	37.63	-	-	74	-36.37	-	-	0-360	150	V
4	* 11.06819	27.02	PK	38.3	-22.2	0	43.12	-	-	74	-30.88	-	-	0-360	250	V
6	16.5855	25.26	PK	40.9	-18.8	0	47.36	-	-	-	-	68.2	-20.84	0-360	250	V

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

PK – Peak detector

Radiated Emissions

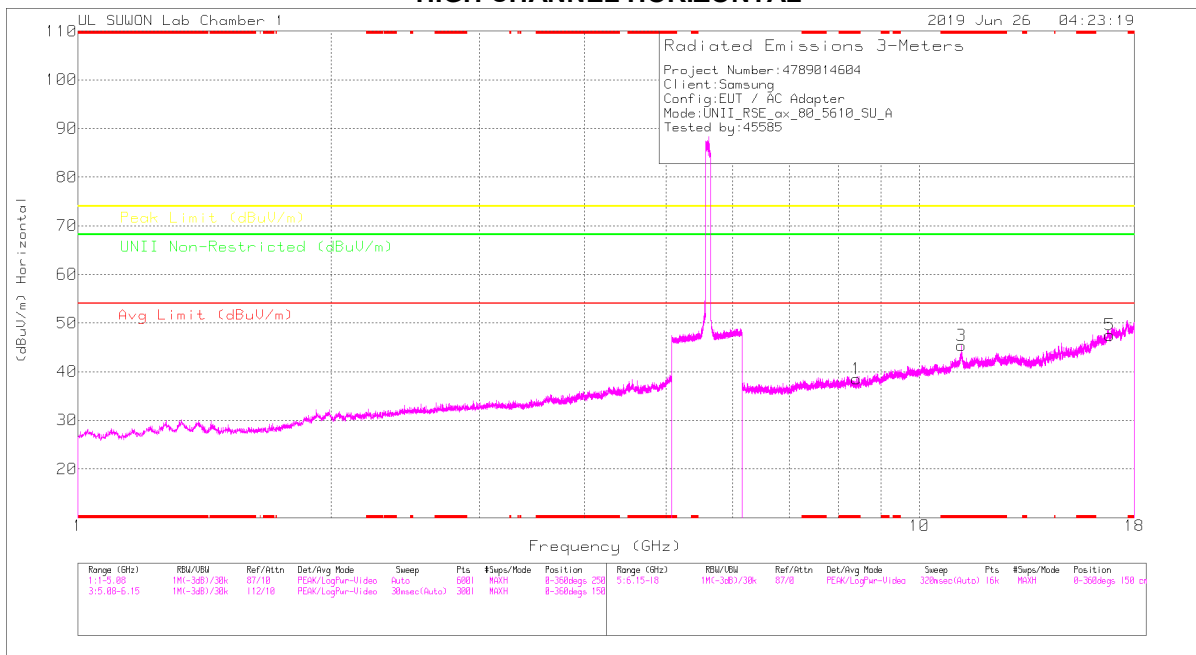
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00166717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.06946	39.7	PK-U	38.3	-22.2	0	55.8	-	-	74	-18.2	-	-	179	185	H
* 11.0584	27.11	ADR	38.2	-22.1	0	43.21	54	-10.79	-	-	-	-	179	185	H
* 11.0687	38.51	PK-U	38.3	-22.2	0	54.61	-	-	74	-19.39	-	-	148	181	V
* 11.0544	26.46	ADR	38.2	-22	0	42.66	54	-11.34	-	-	-	-	148	181	V

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

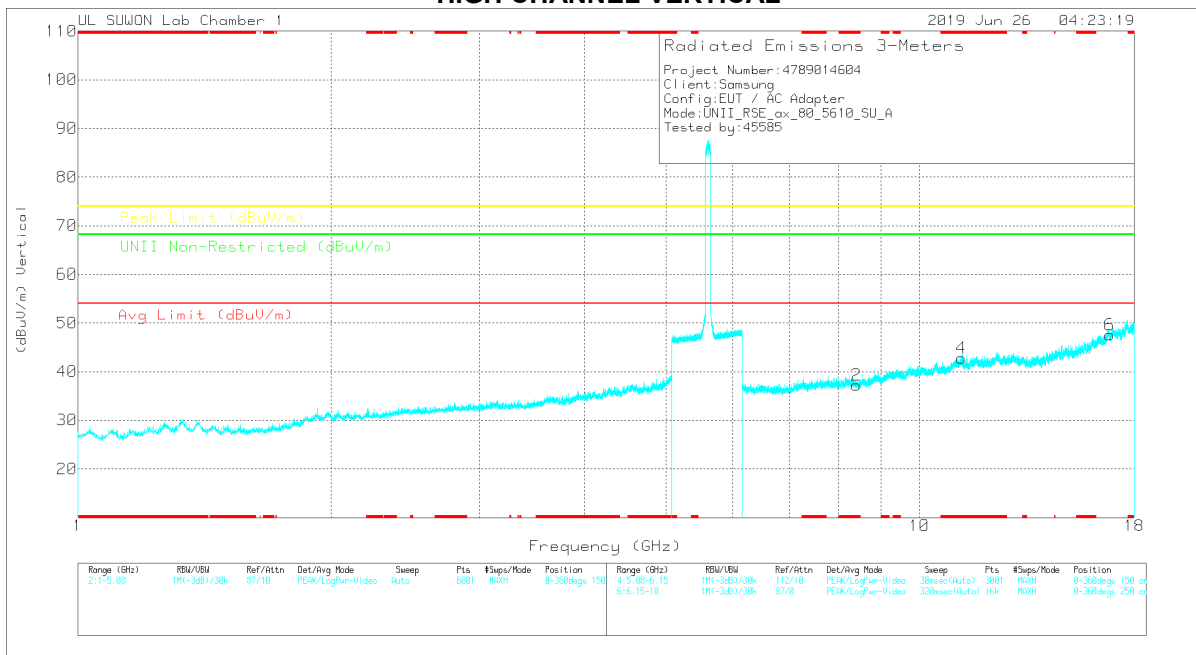
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; 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_00166717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.41543	27.98	PK	36.3	-25.8	0	38.48	-	-	74	-35.52	-	-	0-360	250	H
3	* 11.20964	29.35	PK	38.4	-22.4	0	45.35	-	-	74	-28.65	-	-	0-360	150	H
5	16.82619	24.31	PK	41.5	-18.3	0	47.51	-	-	-	-	68.2	-20.69	0-360	250	H
2	* 8.41691	26.78	PK	36.3	-25.8	0	37.28	-	-	74	-36.72	-	-	0-360	150	V
4	* 11.20964	26.74	PK	38.4	-22.4	0	42.74	-	-	74	-31.26	-	-	0-360	150	V
6	16.82767	24.42	PK	41.5	-18.3	0	47.62	-	-	-	-	68.2	-20.58	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_00166717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.21851	39.6	PK-U	38.4	-22.5	0	55.5	-	-	74	-18.5	-	-	178	183	H
* 11.20716	27.44	ADR	38.4	-22.5	0	43.34	54	-10.66	-	-	-	-	178	183	H
* 11.21513	39.2	PK-U	38.4	-22.5	0	55.1	-	-	74	-18.9	-	-	146	180	V
* 11.2067	26.92	ADR	38.4	-22.4	0	42.92	54	-11.08	-	-	-	-	146	180	V

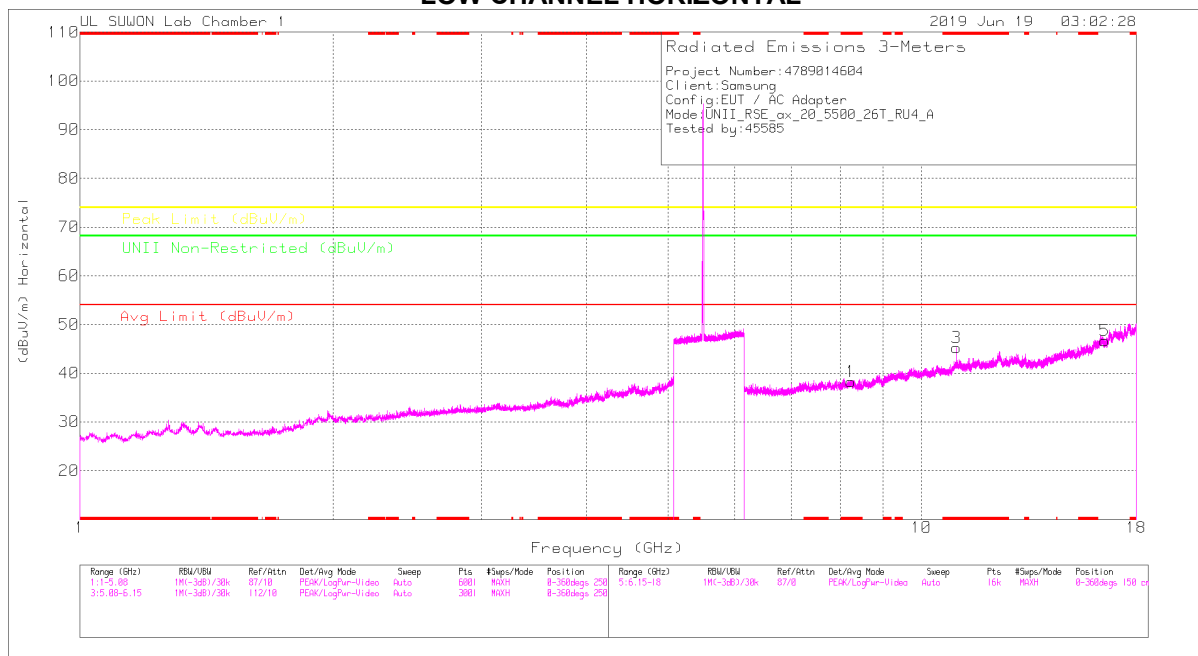
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

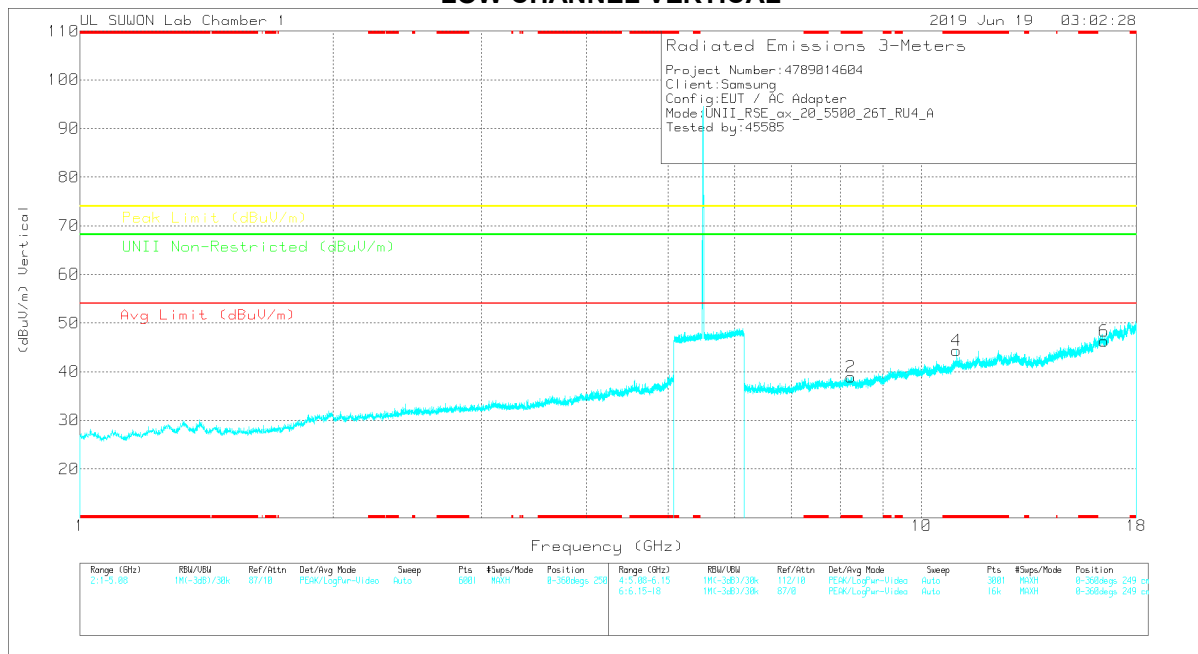
ADR - U-NII AD primary method, RMS average

HE20 RU mode (MIMO / 26T / Low: 4, Mid: 4, High: 4)

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; 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_00168717	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.24806	27.17	PK	36.4	-25.3	0	38.27	-	-	74	-35.73	-	-	0-360	250	H
3	* 11.00005	28.61	PK	38.2	-21.6	0	45.21	-	-	74	-28.79	-	-	0-360	150	H
5	16.50329	25.29	PK	40.9	-19.5	0	46.69	-	-	-	-	68.2	-21.51	0-360	150	H
2	8.24954	27.82	PK	36.4	-25.3	0	38.92	-	-	74	-35.08	-	-	0-360	150	V
4	* 11.00005	27.74	PK	38.2	-21.6	0	44.34	-	-	74	-29.66	-	-	0-360	249	V
6	16.49737	24.72	PK	40.9	-19.4	0	46.22	-	-	-	-	68.2	-21.98	0-360	249	V

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

PK – Peak detector

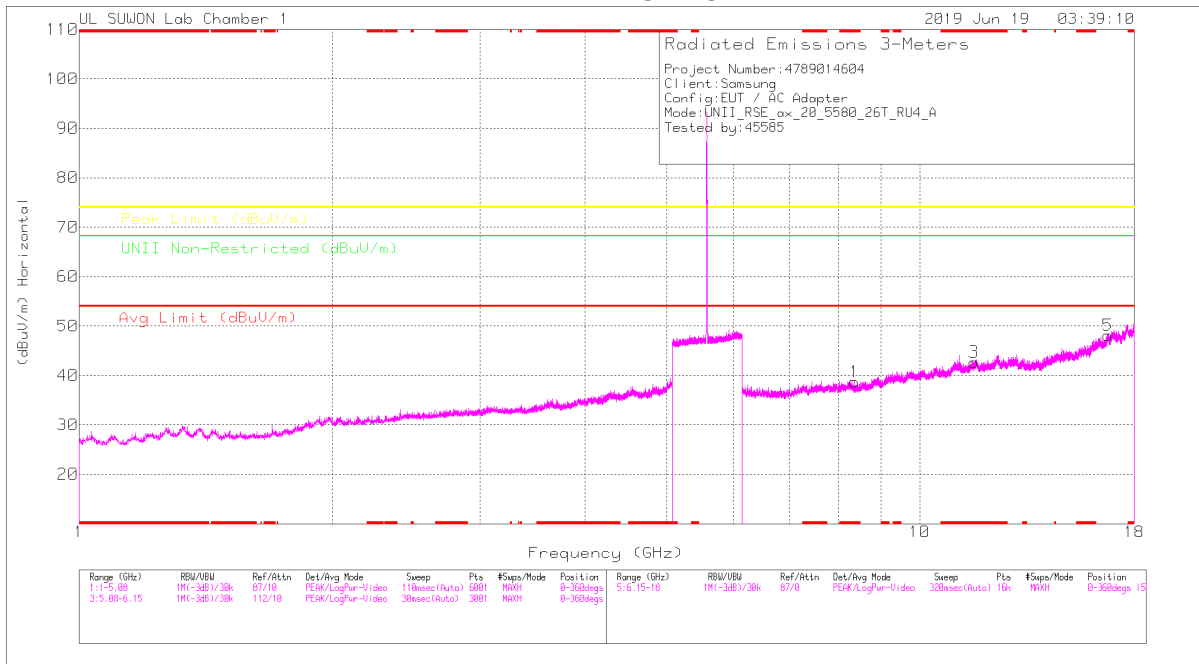
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
16.50649	35.96	PK-U	40.9	-19.5	0	57.36	-	-	-	-	68.2	-10.84	266	156	H
16.48425	35.66	PK-U	40.9	-19.4	0	57.16	-	-	-	-	68.2	-11.04	105	135	V

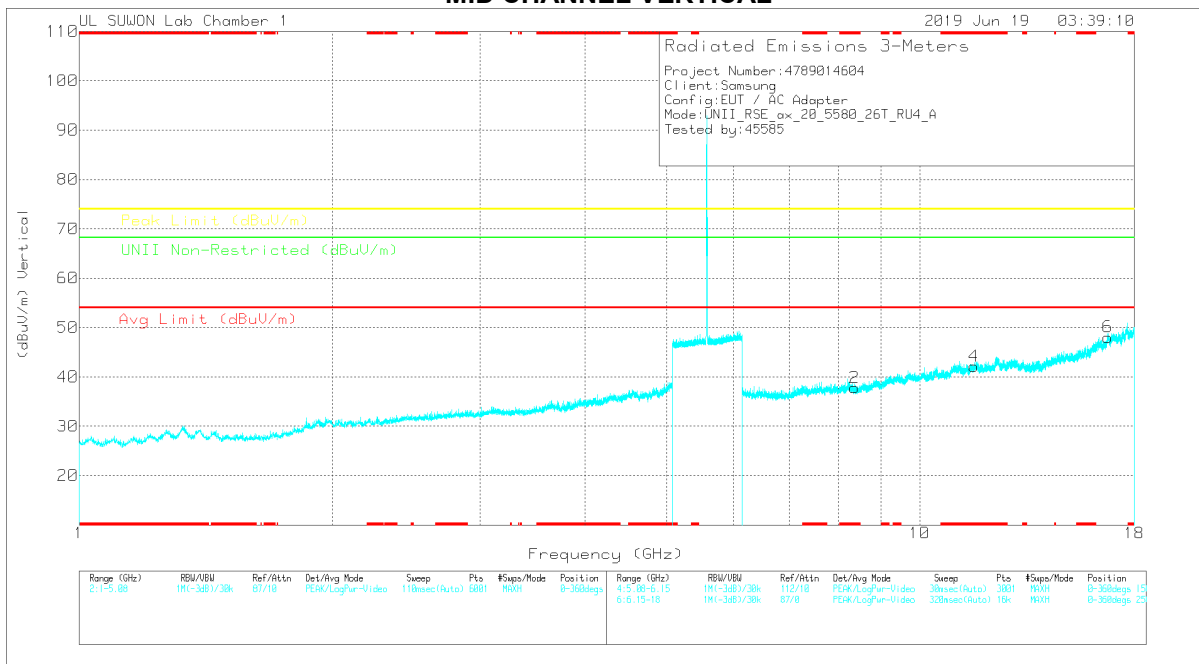
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

MID CHANNEL DATA

Trace Markers

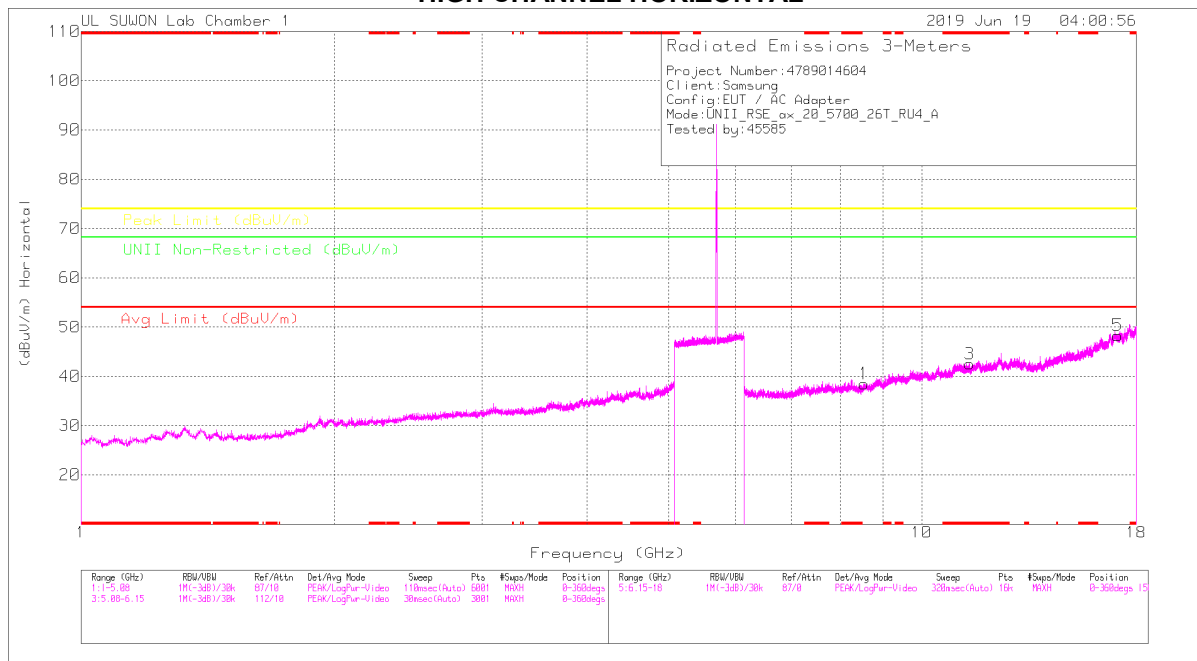
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degree)	Height (cm)	Polarity
1	* 8.37174	27.98	PK	36.3	-25.6	0	38.68	-	-	74	-35.32	-	-	0-360	150	H
3	* 11.6014	26.29	PK	38.6	-22.2	0	42.69	-	-	74	-31.31	-	-	0-360	250	H
5	16.74695	24.11	PK	41.3	-17.3	0	48.11	-	-	-	-	68.2	-20.09	0-360	150	H
2	* 8.36581	27.11	PK	36.3	-25.6	0	37.81	-	-	74	-36.19	-	-	0-360	150	V
4	* 11.59844	25.84	PK	38.6	-22.3	0	42.14	-	-	74	-31.86	-	-	0-360	150	V
6	16.74102	24.06	PK	41.3	-17.3	0	48.06	-	-	-	-	68.2	-20.14	0-360	150	V

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

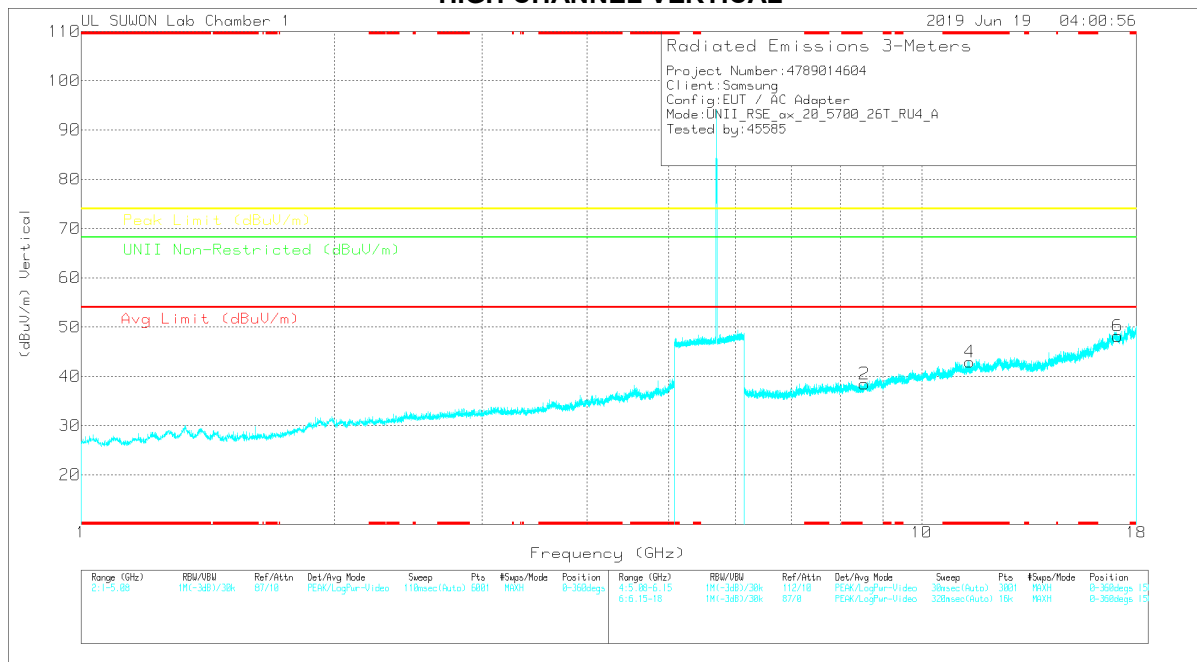
PK – Peak detector

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 40GHz; 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_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Dops)	Height (cm)	Polarity
1	8.54577	26.68	PK	36.3	-24.5	0	38.48	-	-	-	-	68.2	-29.72	0-360	150	H
3	* 11.39922	26.49	PK	38.4	-22.4	0	42.49	-	-	74	-31.51	-	-	0-360	150	H
5	17.10761	23.99	PK	41.6	-17.3	0	48.29	-	-	-	-	68.2	-19.91	0-360	250	H
2	8.54874	26.57	PK	36.3	-24.4	0	38.47	-	-	-	-	68.2	-29.73	0-360	150	V
4	* 11.39997	26.92	PK	38.4	-22.4	0	42.92	-	-	74	-31.08	-	-	0-360	150	V
6	17.1039	23.81	PK	41.6	-17.2	0	48.21	-	-	-	-	68.2	-19.99	0-360	250	V

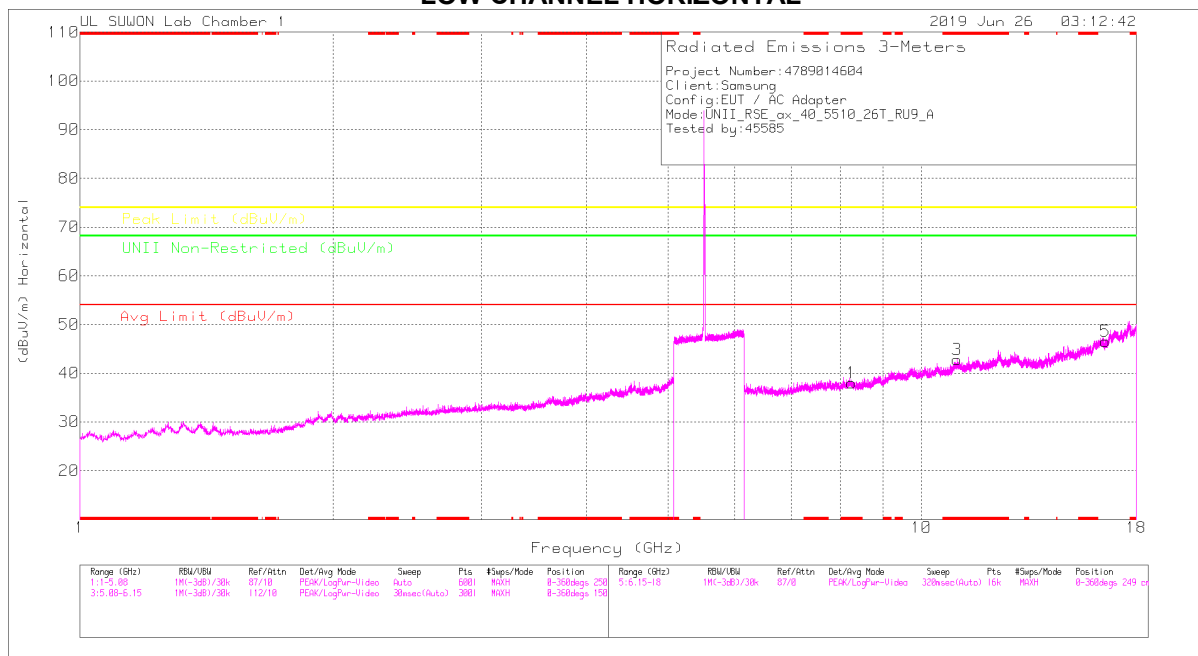
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak detector

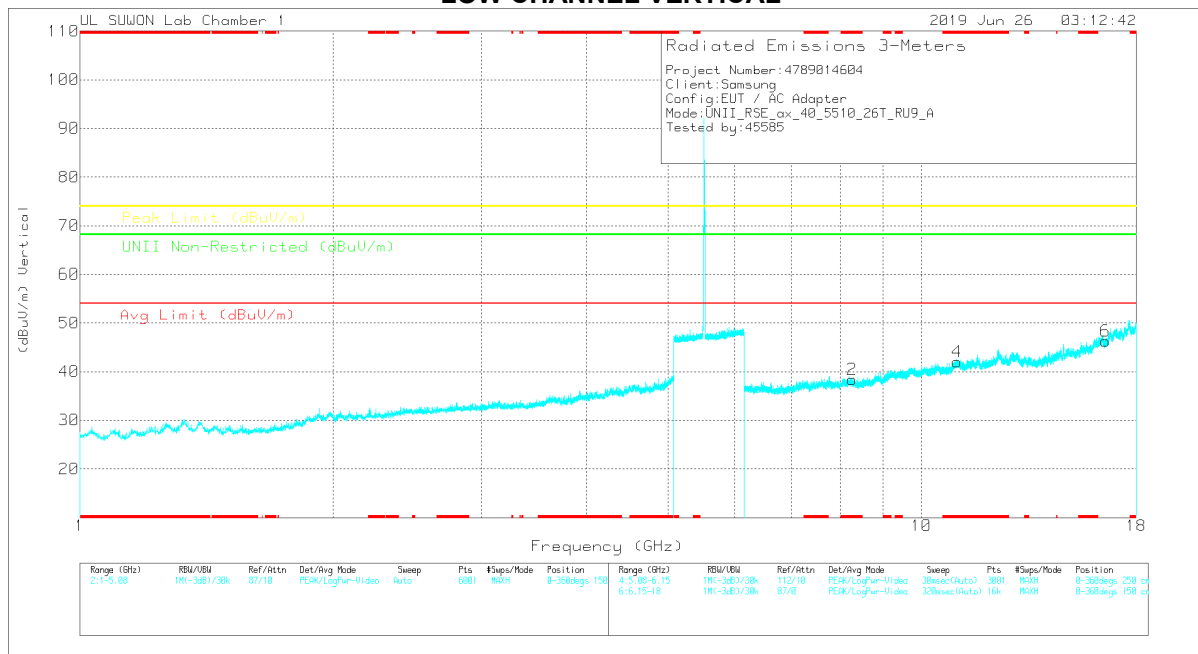
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

HE40 RU mode (MIMO / 26T / Low: 9, Mid: 9, High: 9)

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

LOW CHANNEL DATA

Trace Markers

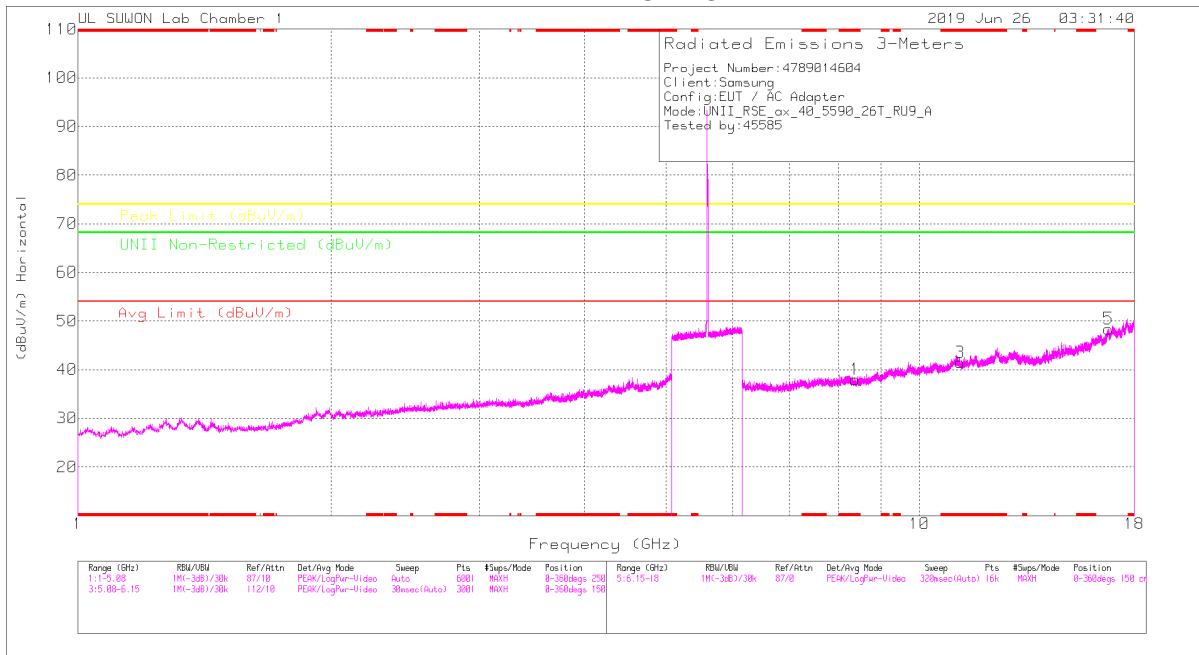
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00166717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.26509	26.93	PK	36.4	-25.3	0	38.03	-	-	74	-35.97	-	-	0-360	150	H
3	* 11.02079	26.2	PK	38.2	-21.6	0	42.8	-	-	74	-31.2	-	-	0-360	249	H
5	16.53218	24.99	PK	40.9	-19.3	0	46.59	-	-	-	-	68.2	-21.61	0-360	150	H
2	* 8.26583	27.23	PK	36.4	-25.3	0	38.33	-	-	74	-35.67	-	-	0-360	150	V
4	* 11.02153	25.38	PK	38.2	-21.6	0	41.98	-	-	74	-32.02	-	-	0-360	249	V
6	16.52847	24.81	PK	40.9	-19.4	0	46.31	-	-	-	-	68.2	-21.89	0-360	150	V

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

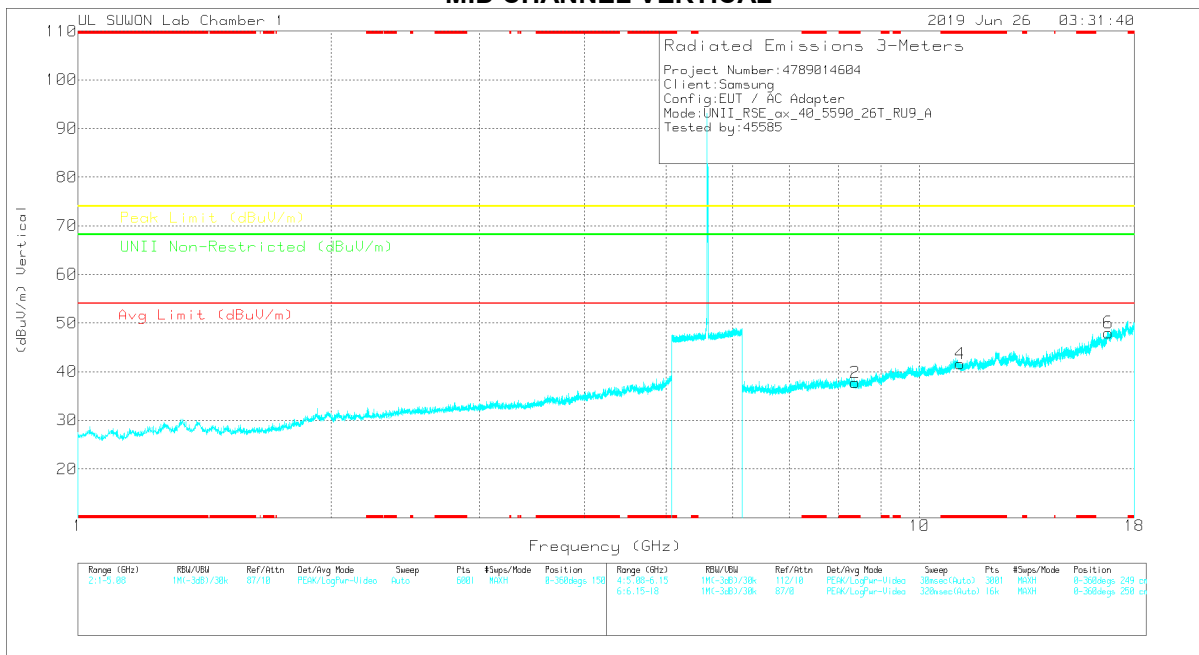
PK – Peak detector

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

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

MID CHANNEL DATA

Trace Markers

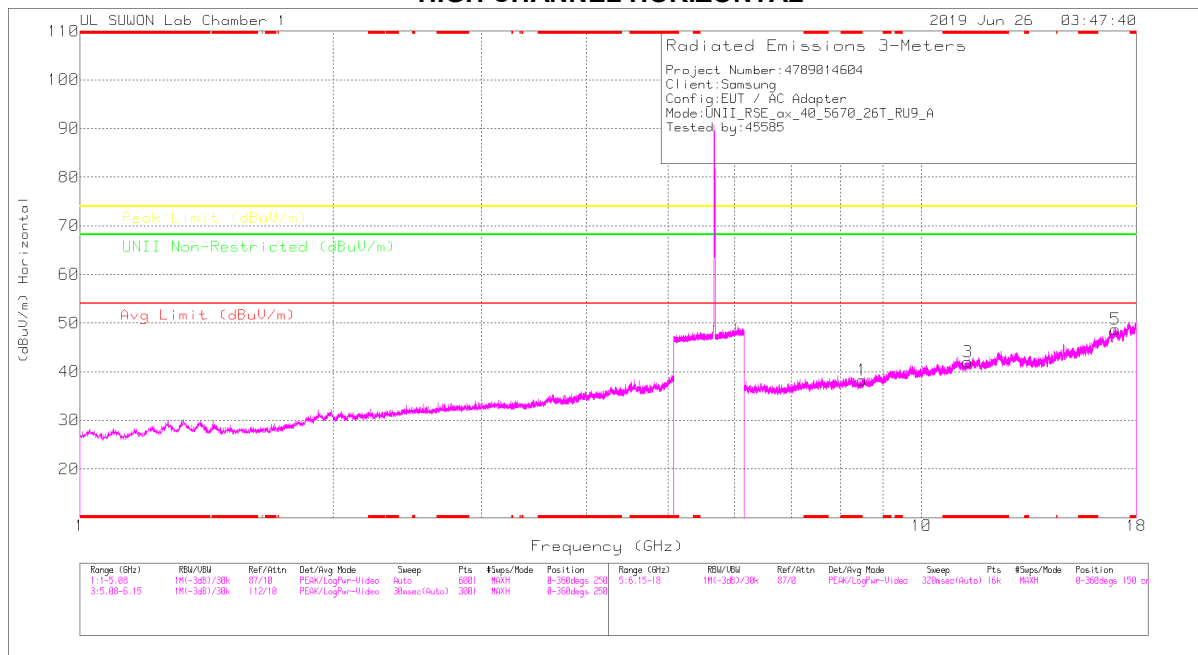
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.38359	27.36	PK	36.3	-25.7	0	37.96	-	-	74	-36.04	-	-	0-360	150	H
3	* 11.18075	25.59	PK	38.3	-22.4	0	41.49	-	-	74	-32.51	-	-	0-360	250	H
5	16.7699	24.31	PK	41.4	-17.3	0	48.41	-	-	-	-	68.2	-19.79	0-360	250	H
2	* 8.38581	27.19	PK	36.3	-25.7	0	37.79	-	-	74	-36.21	-	-	0-360	250	V
4	* 11.18075	25.76	PK	38.3	-22.4	0	41.66	-	-	74	-32.34	-	-	0-360	150	V
6	16.77138	23.92	PK	41.4	-17.3	0	48.02	-	-	-	-	68.2	-20.18	0-360	250	V

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

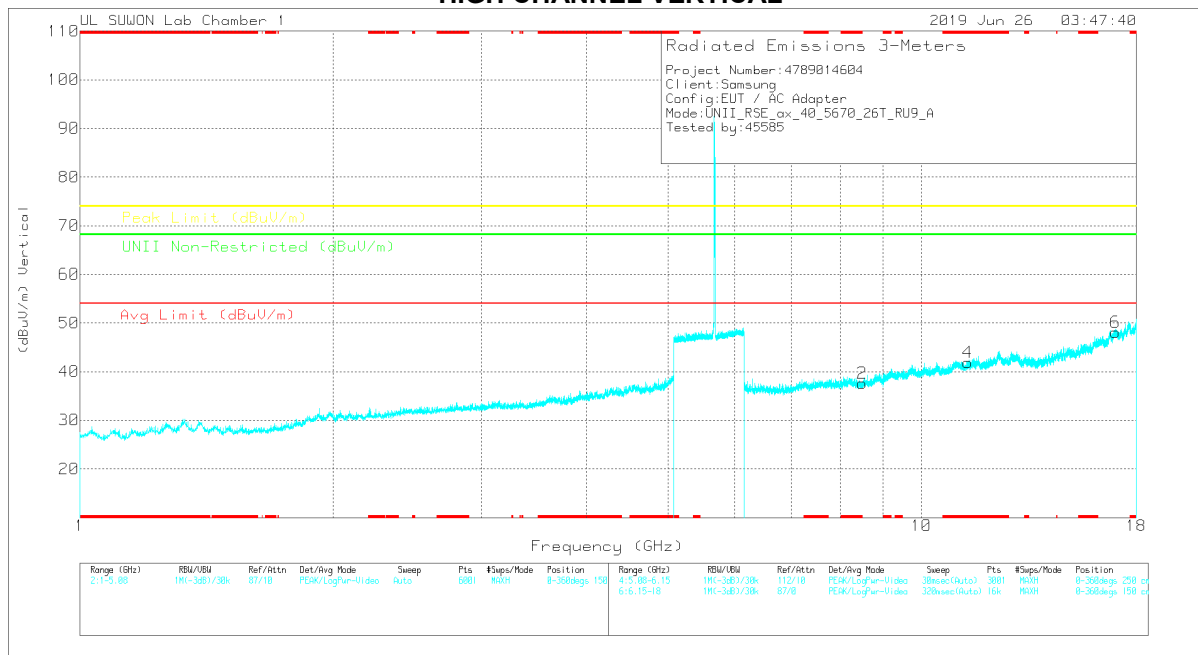
PK – Peak detector

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 40GHz; 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_00166717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.50134	27.24	PK	36.3	-25.3	0	38.24	-	-	-	-	68.2	-29.96	0-360	150	H
3	* 11.3422	25.78	PK	38.4	-22.2	0	41.98	-	-	74	-32.02	-	-	0-360	250	H
5	17.00911	24.43	PK	41.7	-17.4	0	48.73	-	-	-	-	68.2	-19.47	0-360	150	H
2	8.50134	26.63	PK	36.3	-25.3	0	37.63	-	-	-	-	68.2	-30.57	0-360	250	V
4	* 11.34294	25.67	PK	38.4	-22.2	0	41.87	-	-	74	-32.13	-	-	0-360	250	V
6	17.01059	23.75	PK	41.7	-17.4	0	48.05	-	-	-	-	68.2	-20.15	0-360	250	V

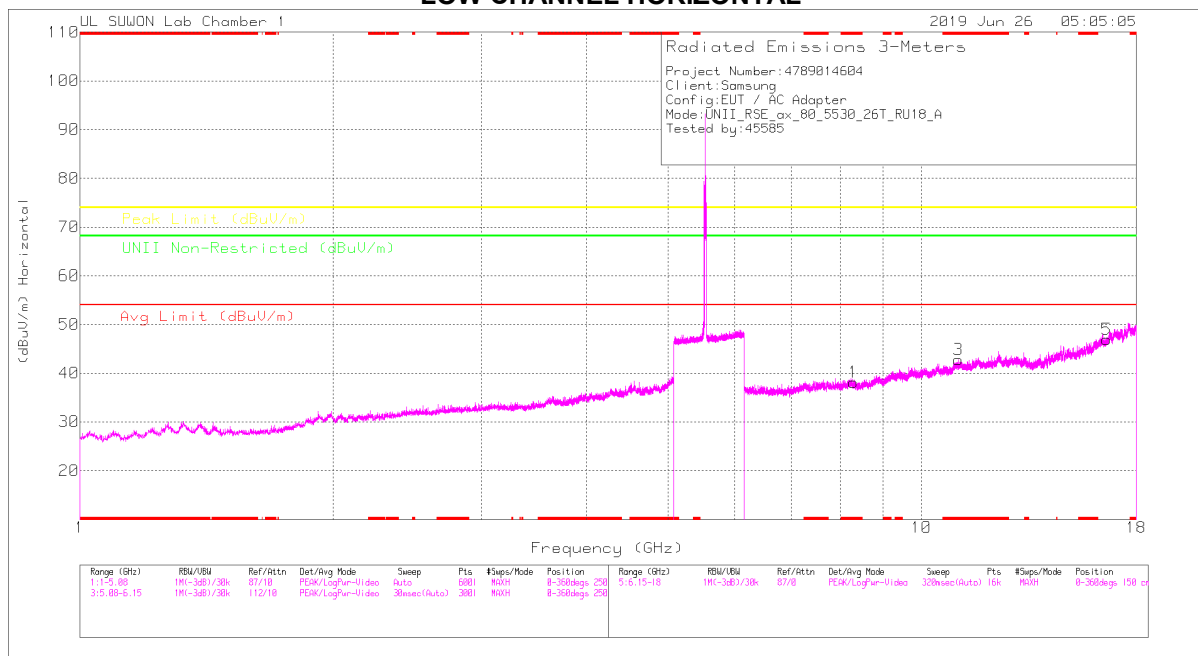
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak detector

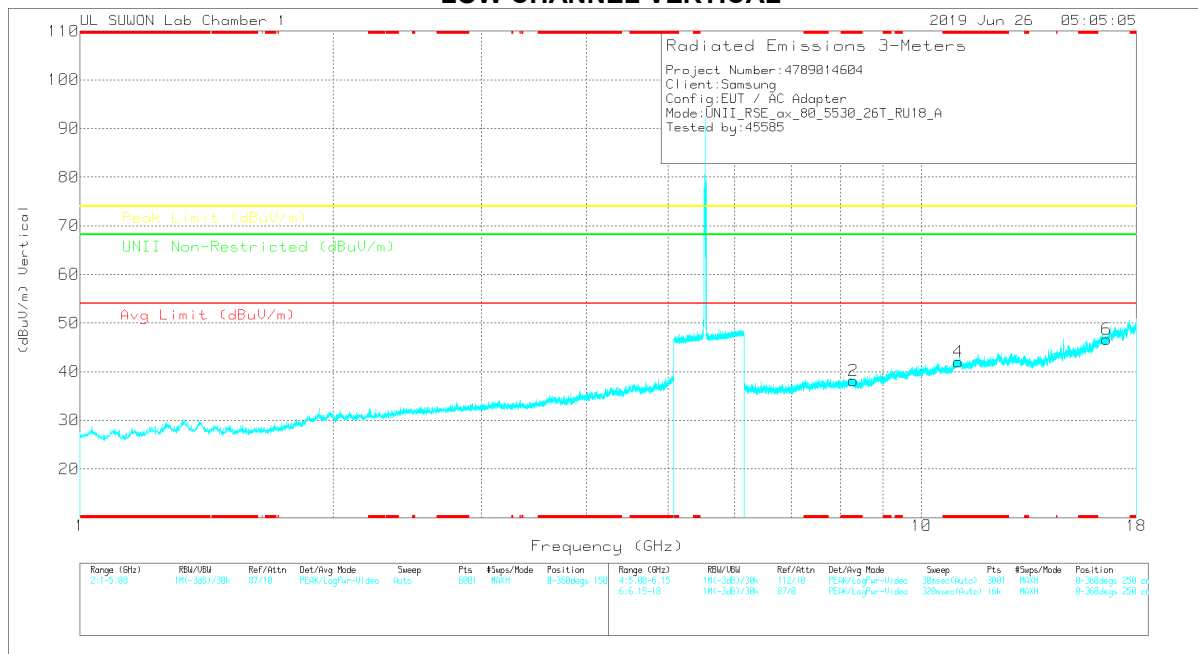
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

HE80 RU mode (MIMO / 26T / Low: 18, High: 18)

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

LOW CHANNEL DATA

Trace Markers

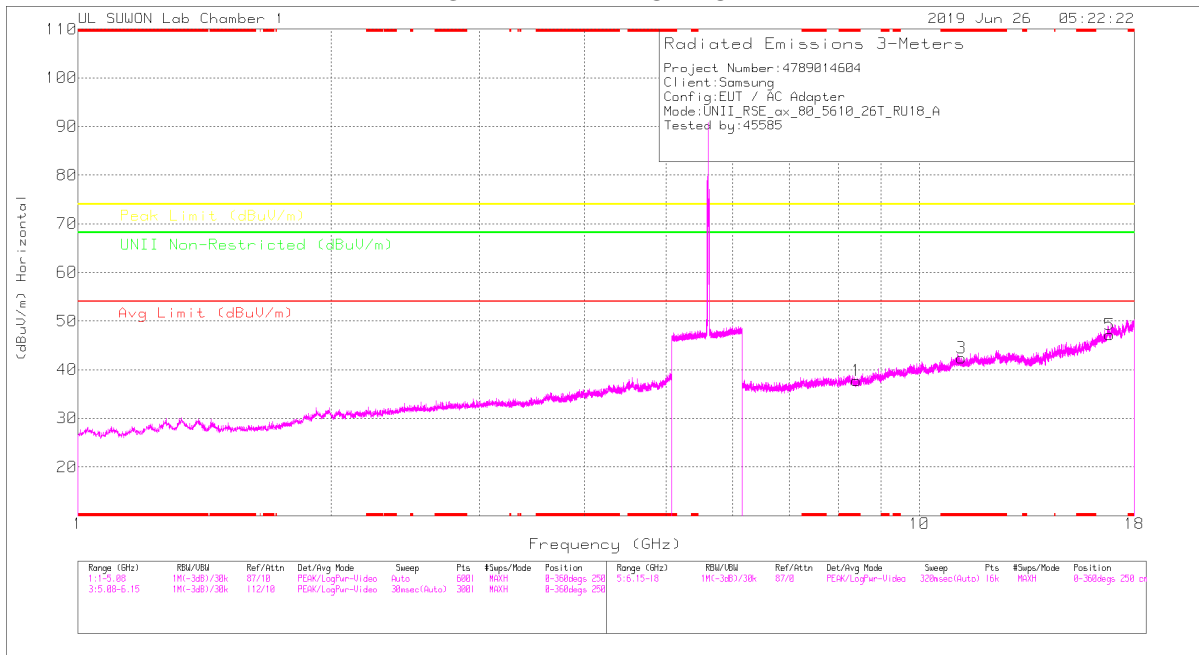
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00166717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.30064	27.01	PK	36.4	-25.3	0	38.11	-	-	74	-35.89	-	-	0-360	150	H
3	* 11.06004	26.69	PK	38.2	-22.1	0	42.79	-	-	74	-31.21	-	-	0-360	250	H
5	16.58594	24.63	PK	41	-18.7	0	46.93	-	-	-	-	68.2	-21.27	0-360	150	H
2	* 8.29694	27.08	PK	36.4	-25.3	0	38.18	-	-	74	-35.82	-	-	0-360	150	V
4	* 11.0556	25.76	PK	38.2	-22	0	41.96	-	-	74	-32.04	-	-	0-360	150	V
6	16.5855	24.54	PK	40.9	-18.8	0	46.64	-	-	-	-	68.2	-21.56	0-360	250	V

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

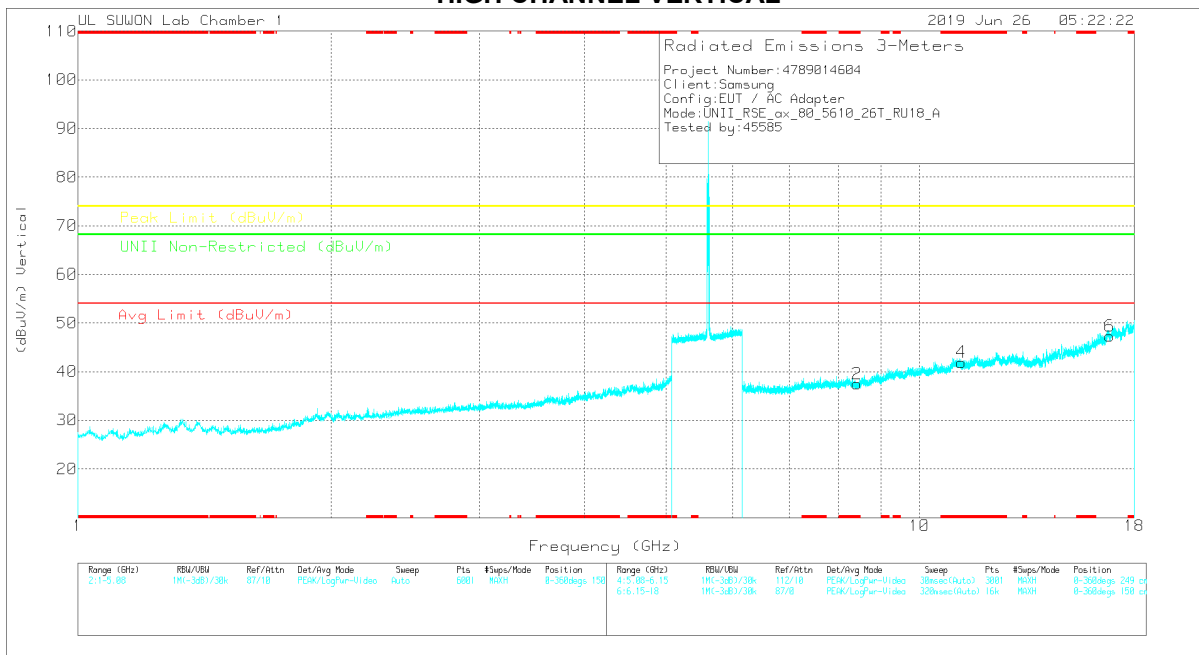
PK – Peak detector

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

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; 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_00166717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.42136	27.24	PK	36.3	-25.8	0	37.74	-	-	74	-36.26	-	-	0-360	250	H
3	* 11.21926	26.44	PK	38.4	-22.5	0	42.34	-	-	74	-31.66	-	-	0-360	150	H
5	16.83507	24.08	PK	41.5	-18.4	0	47.18	-	-	-	-	68.2	-21.02	0-360	250	H
2	* 8.42432	26.94	PK	36.3	-25.8	0	37.44	-	-	74	-36.56	-	-	0-360	250	V
4	* 11.21778	26.04	PK	38.4	-22.5	0	41.94	-	-	74	-32.06	-	-	0-360	150	V
6	16.83804	24.35	PK	41.5	-18.5	0	47.35	-	-	-	-	68.2	-20.85	0-360	150	V

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

PK – Peak detector

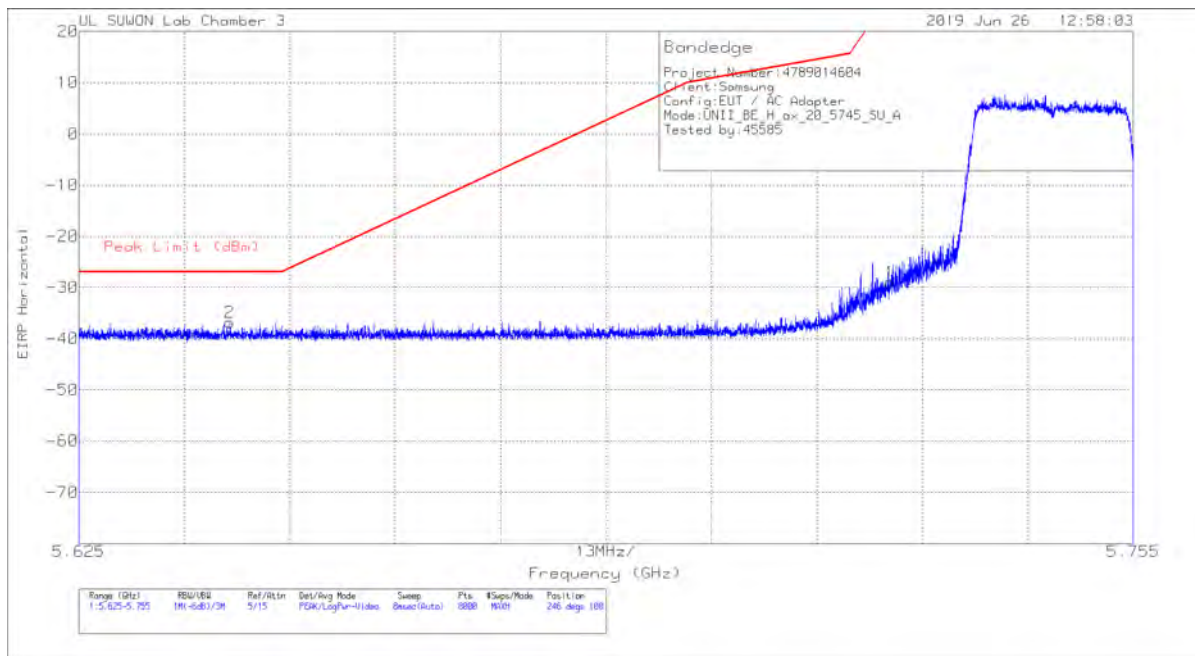
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

11.8. 5.8 GHz_2Tx (MIMO)

11.8.1. TX ABOVE 1GHz 802.11ax MODE IN THE 5.8GHz BAND BANDEDGE (LOW CHANNEL)

HE20 SU mode (MIMO)

HORIZONTAL PEAK PLOT



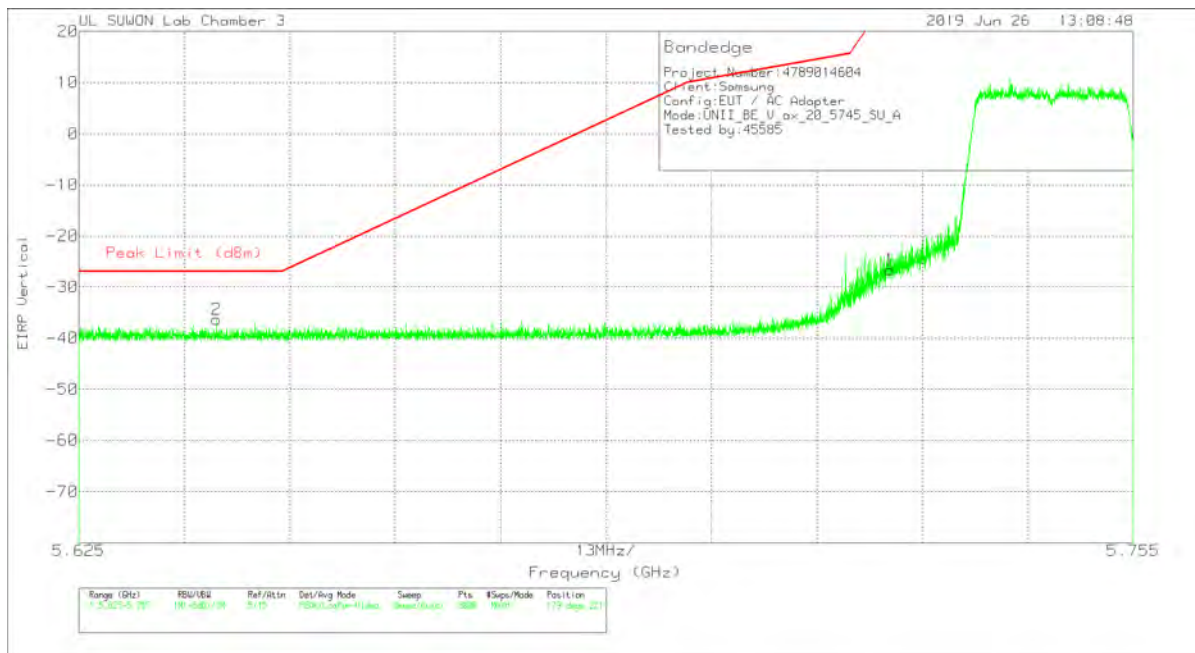
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-57.69	Pk	34.8	-17.9	11.8	0	-28.99	27	-55.99	246	100	H
2	5.644	-65.08	Pk	34.7	-18.2	11.8	0	-36.78	-27	-9.78	246	100	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

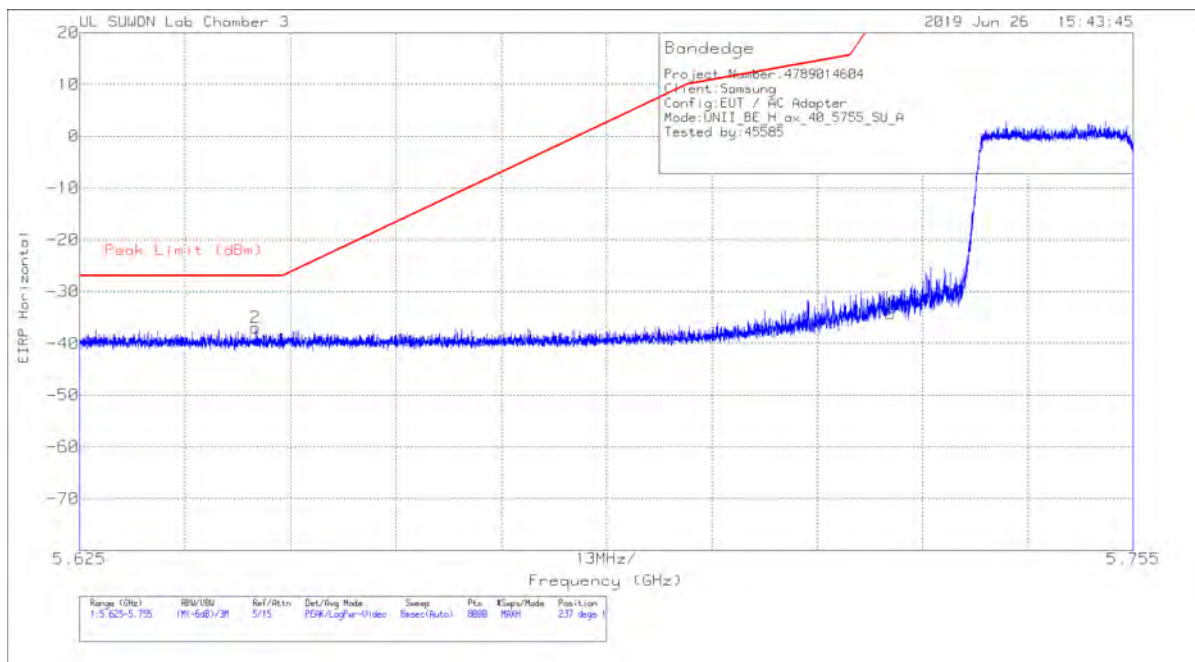
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-55.35	Pk	34.8	-17.9	11.8	0	-26.65	27	-53.65	179	221	V
2	5.642	-64.69	Pk	34.7	-18.2	11.8	0	-36.39	-27	-9.39	179	221	V

Pk - Peak detector

HE40 SU mode (MIMO)

HORIZONTAL PEAK PLOT



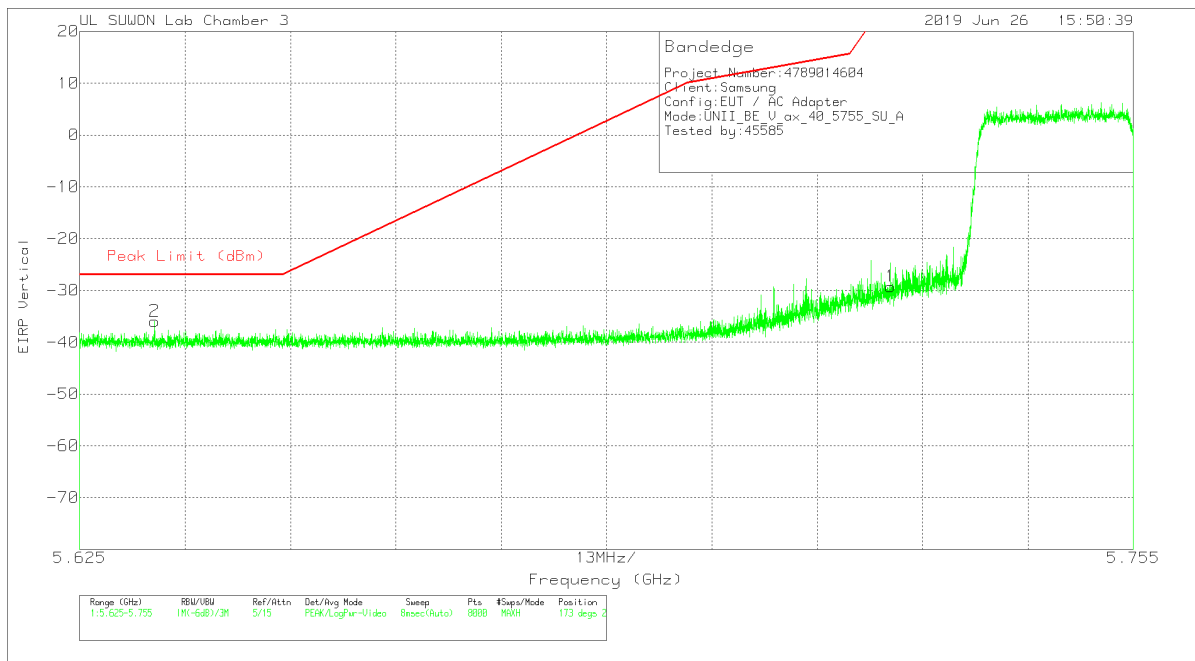
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-63.01	Pk	34.8	-17.9	11.8	0	-34.31	27	-61.31	237	103	H
2	5.647	-65.3	Pk	34.7	-18.2	11.8	0	-37	-27	-10	237	103	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

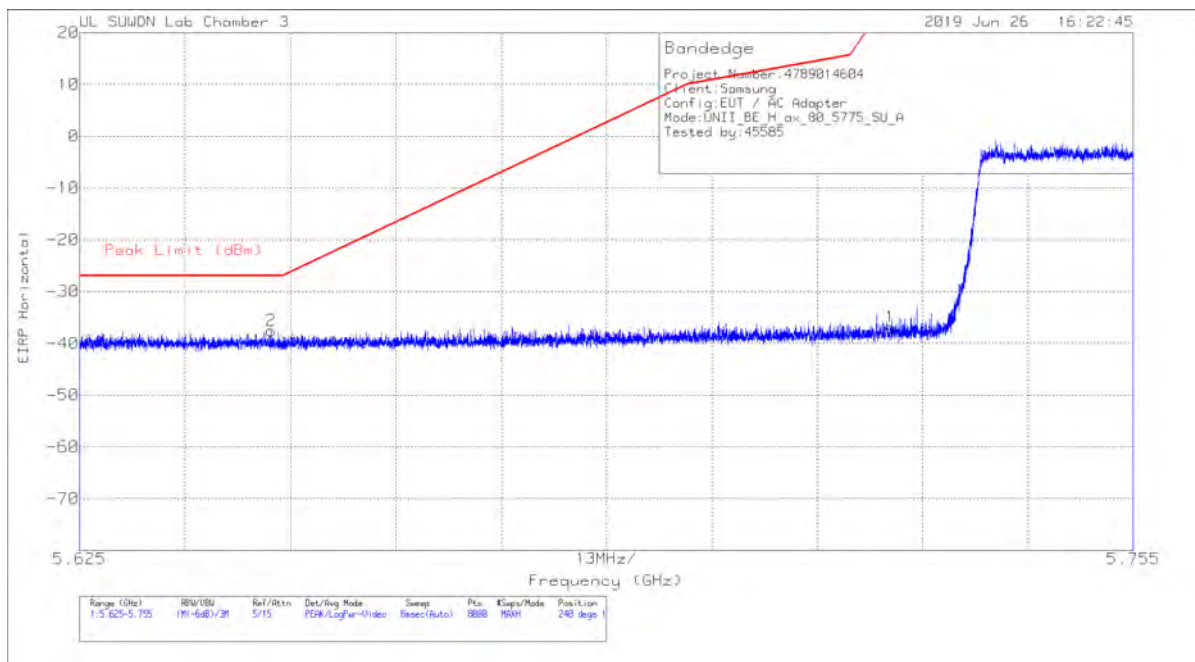
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-57.94	Pk	34.8	-17.9	11.8	0	-29.24	27	-56.24	173	233	V
2	5.634	-64.14	Pk	34.7	-18.3	11.8	0	-35.94	-27	-8.94	173	233	V

Pk - Peak detector

HE80 SU mode (MIMO)

HORIZONTAL PEAK PLOT



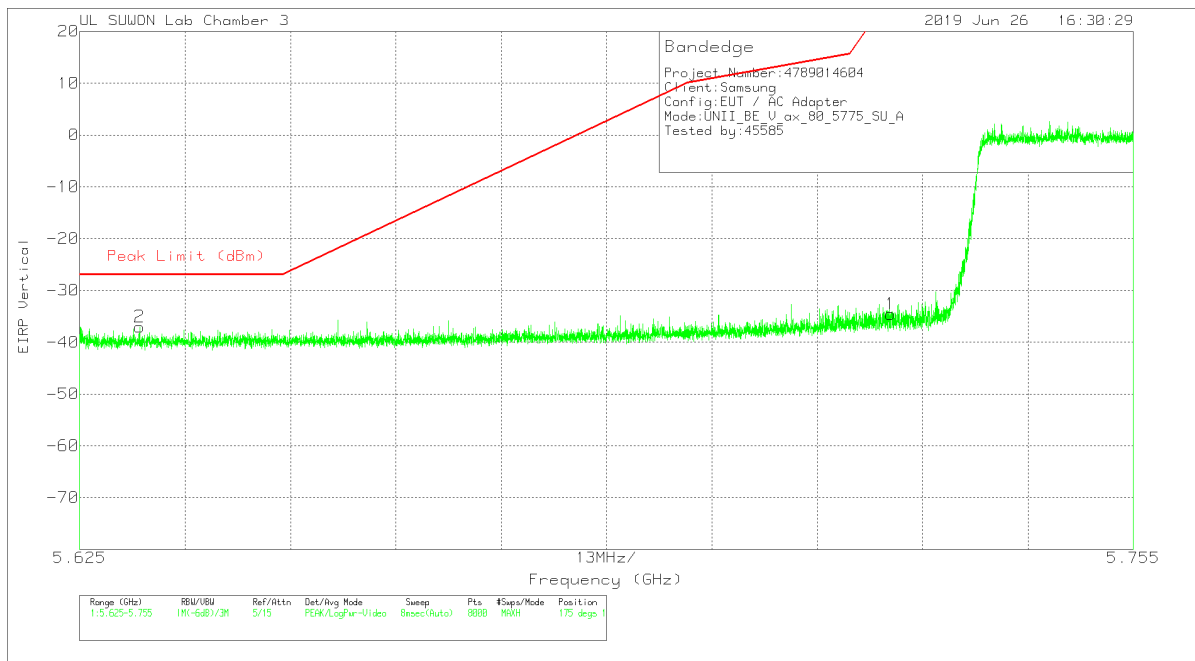
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-65.57	Pk	34.8	-17.9	11.8	0	-36.87	27	-63.87	240	109	H
2	5.649	-65.84	Pk	34.7	-18.2	11.8	0	-37.54	-27	-10.54	240	109	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-63.27	Pk	34.8	-17.9	11.8	0	-34.57	27	-61.57	175	196	V
2	5.632	-65.22	Pk	34.7	-18.3	11.8	0	-37.02	-27	-10.02	175	196	V

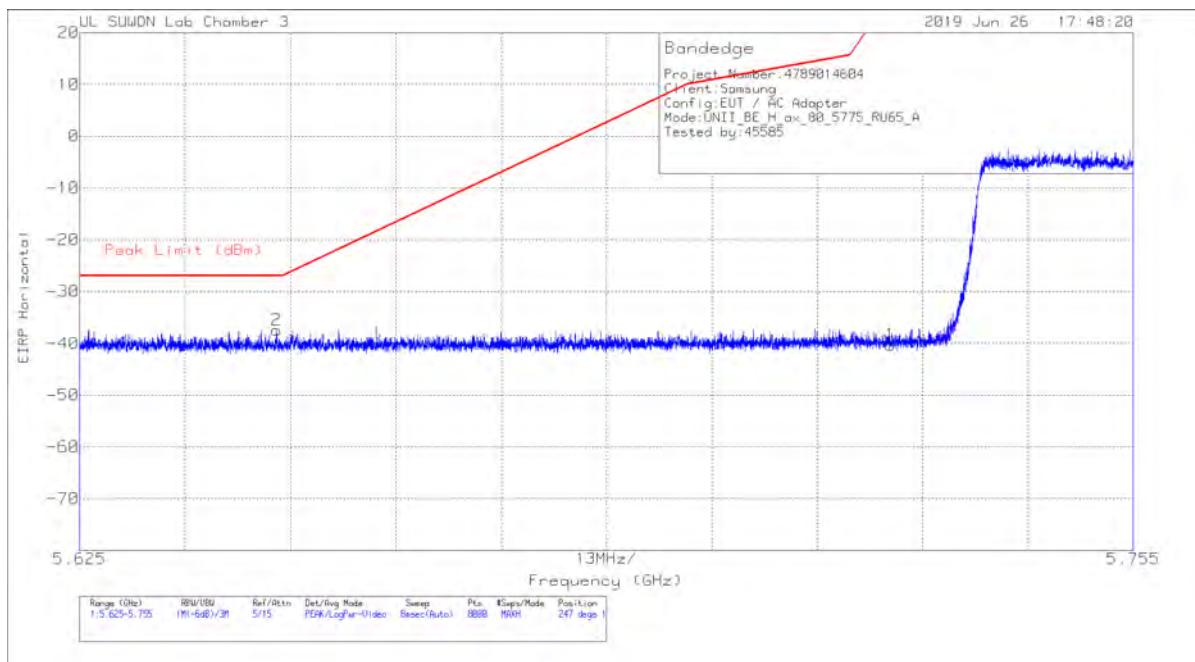
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

484T RU mode (MIMO / HE80 / RU offset 65)

HORIZONTAL PEAK PLOT



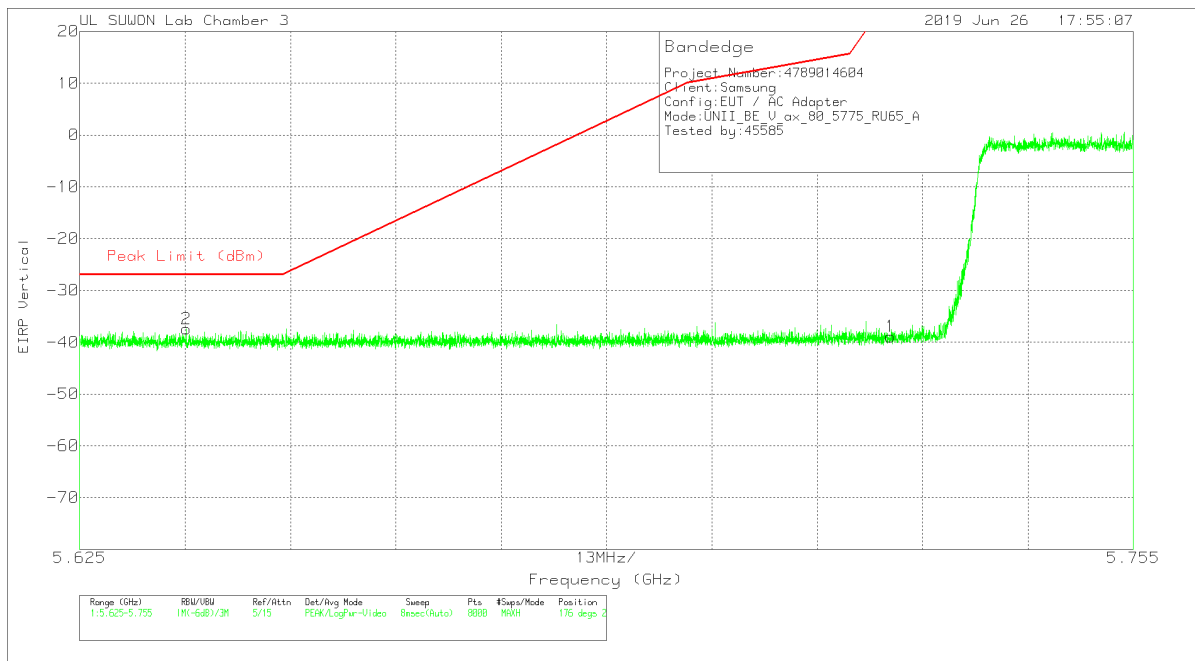
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-68.97	Pk	34.8	-17.9	11.8	0	-40.27	27	-67.27	247	100	H
2	5.649	-65.72	Pk	34.7	-18.2	11.8	0	-37.42	-27	-10.42	247	100	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

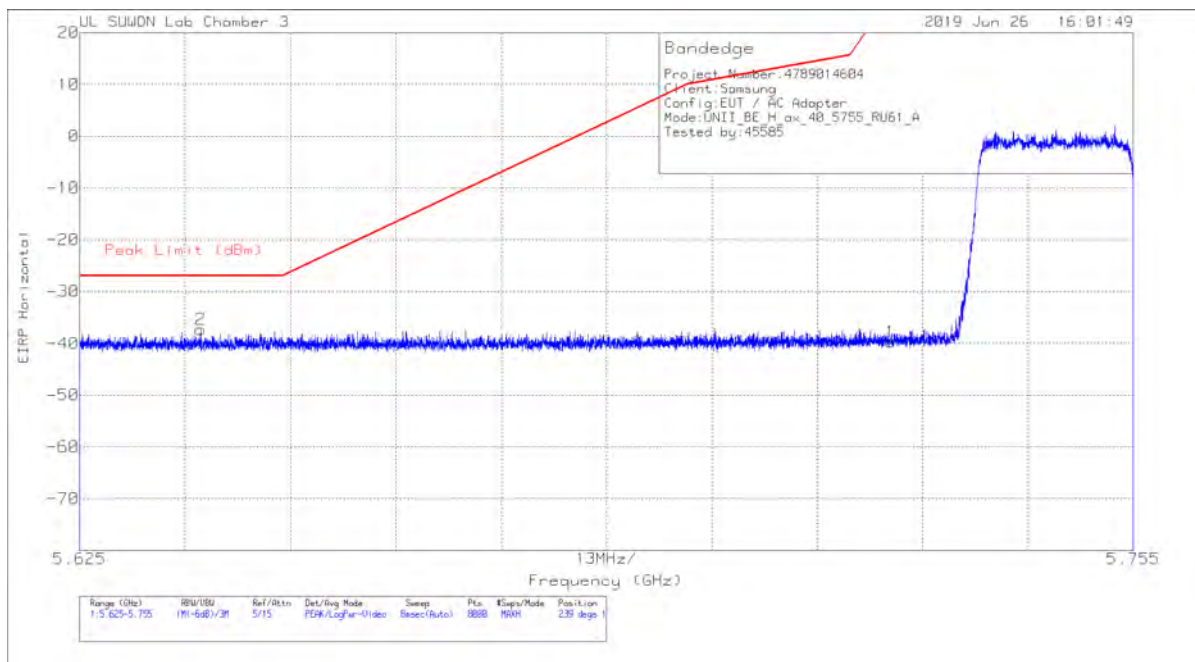
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-67.63	Pk	34.8	-17.9	11.8	0	-38.93	27	-65.93	176	220	V
2	5.638	-65.62	Pk	34.7	-18.3	11.8	0	-37.42	-27	-10.42	176	220	V

Pk - Peak detector

242T RU mode (MIMO / HE40 / RU offset 61)

HORIZONTAL PEAK PLOT



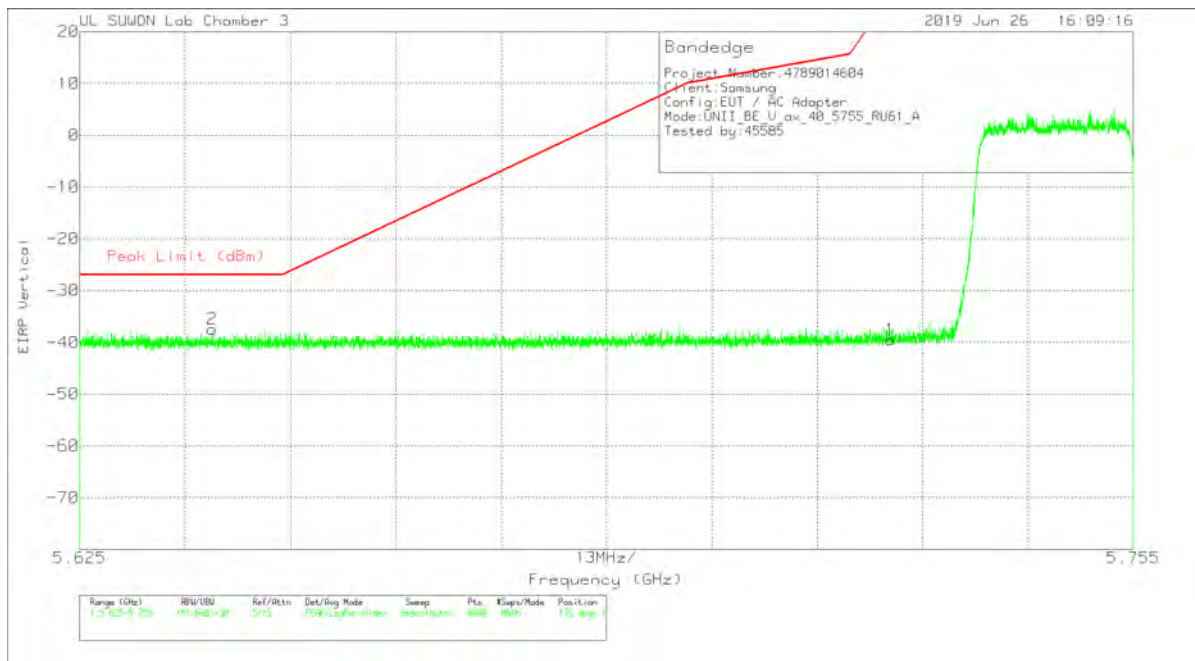
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-68.42	Pk	34.8	-17.9	11.8	0	-39.72	27	-66.72	239	104	H
2	5.64	-65.5	Pk	34.7	-18.3	11.8	0	-37.3	-27	-10.3	239	104	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

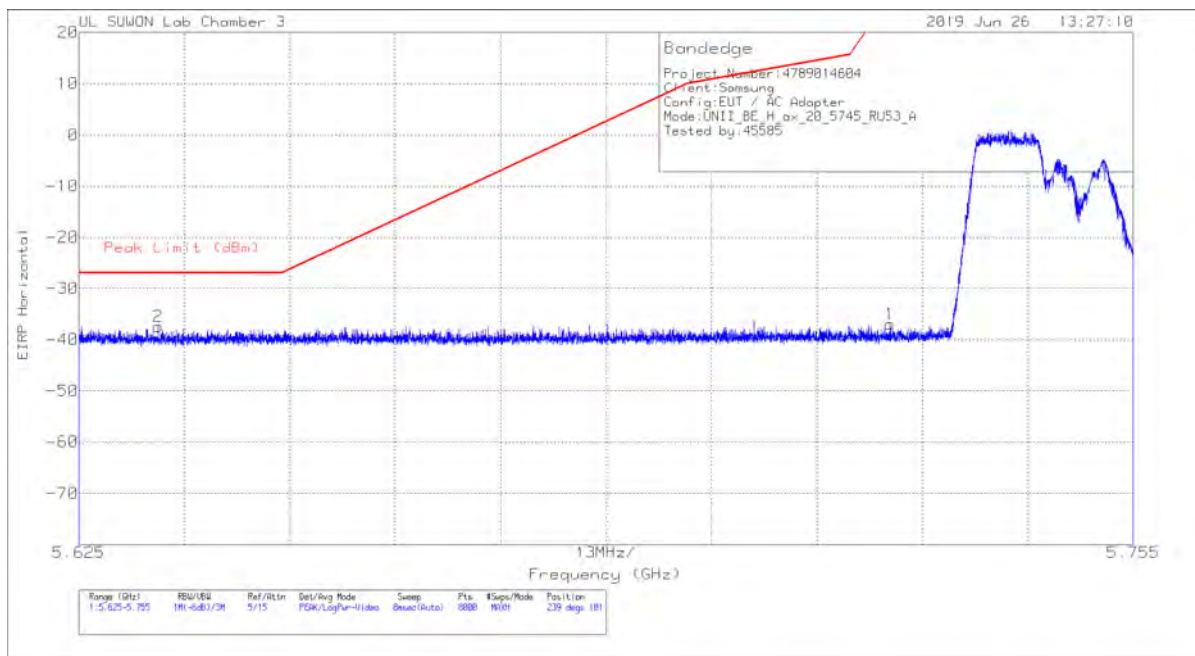
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-68.18	Pk	34.8	-17.9	11.8	0	-39.48	27	-66.48	175	195	V
2	5.641	-65.75	Pk	34.7	-18.2	11.8	0	-37.45	-27	-10.45	175	195	V

Pk - Peak detector

106T RU mode (MIMO / HE20 / RU offset 53)

HORIZONTAL PEAK PLOT



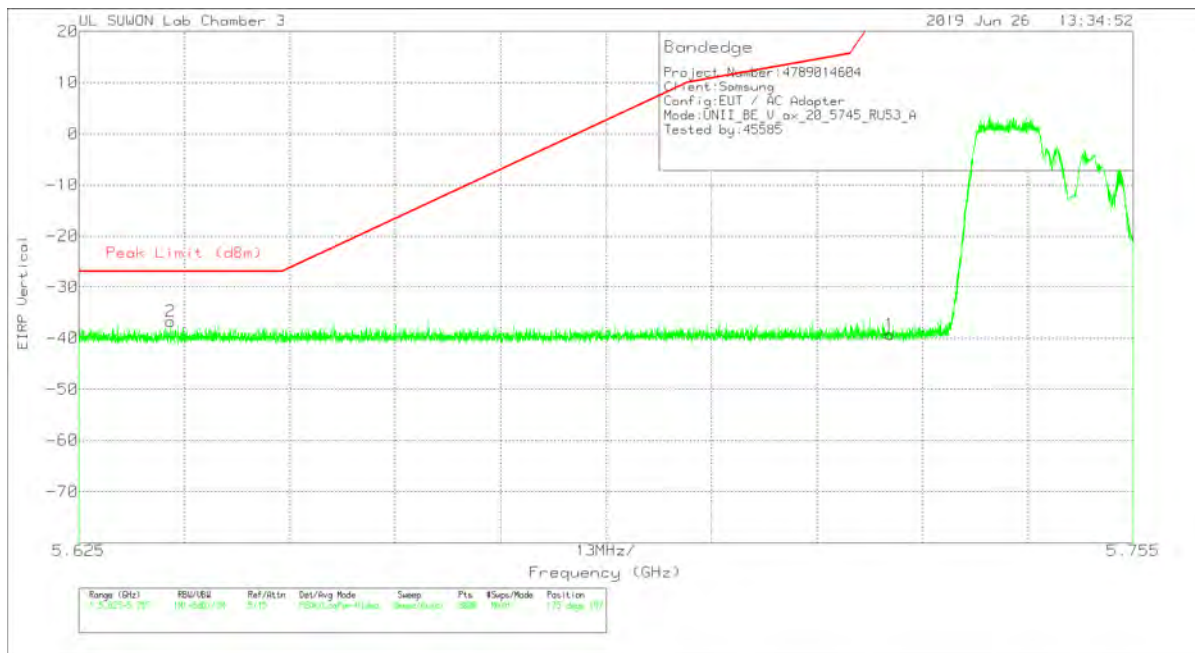
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-65.64	Pk	34.8	-17.9	11.8	0	-36.94	27	-63.94	239	101	H
2	5.635	-65.6	Pk	34.7	-18.3	11.8	0	-37.4	-27	-10.4	239	101	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

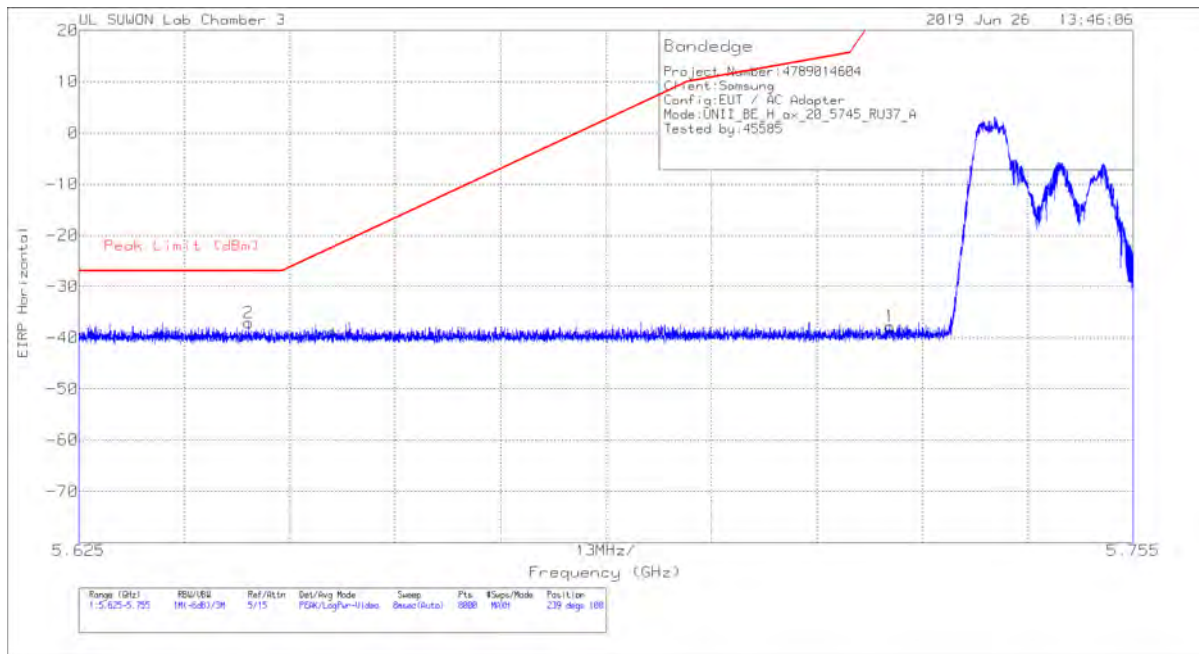
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-68.01	Pk	34.8	-17.9	11.8	0	-39.31	27	-66.31	175	197	V
2	5.636	-64.95	Pk	34.7	-18.2	11.8	0	-36.65	-27	-9.65	175	197	V

Pk - Peak detector

52T RU mode (MIMO / HE20 / RU offset 37)

HORIZONTAL PEAK PLOT



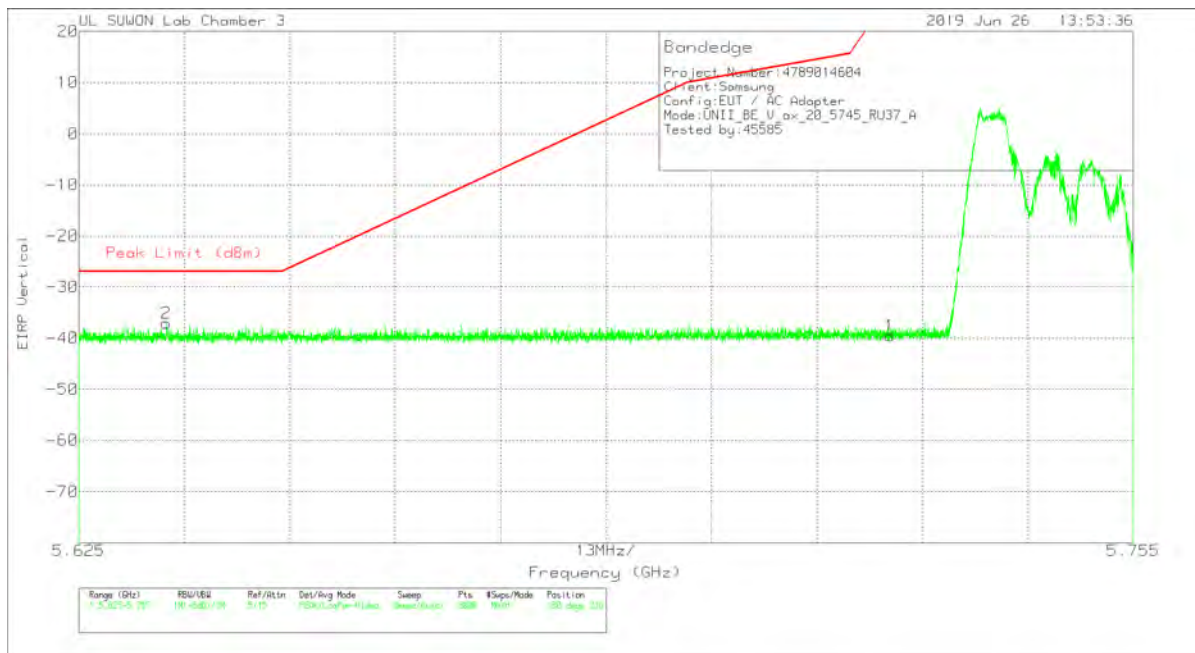
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-66.46	Pk	34.8	-17.9	11.8	0	-37.76	-27	-64.76	239	100	H
2	5.646	-65.36	Pk	34.7	-18.2	11.8	0	-37.06	-27	-10.06	239	100	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

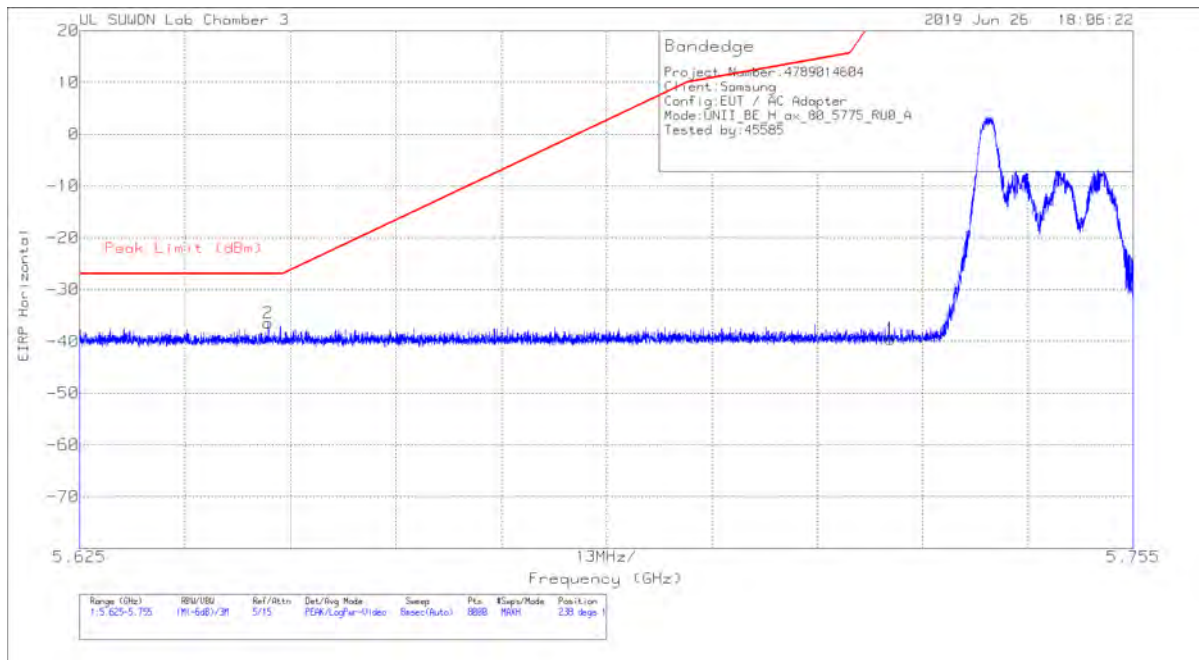
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-68.22	Pk	34.8	-17.9	11.8	0	-39.52	27	-66.52	180	236	V
2	5.636	-65.42	Pk	34.7	-18.2	11.8	0	-37.12	-27	-10.12	180	236	V

Pk - Peak detector

26T RU mode (MIMO / HE80 / RU offset 0)

HORIZONTAL PEAK PLOT



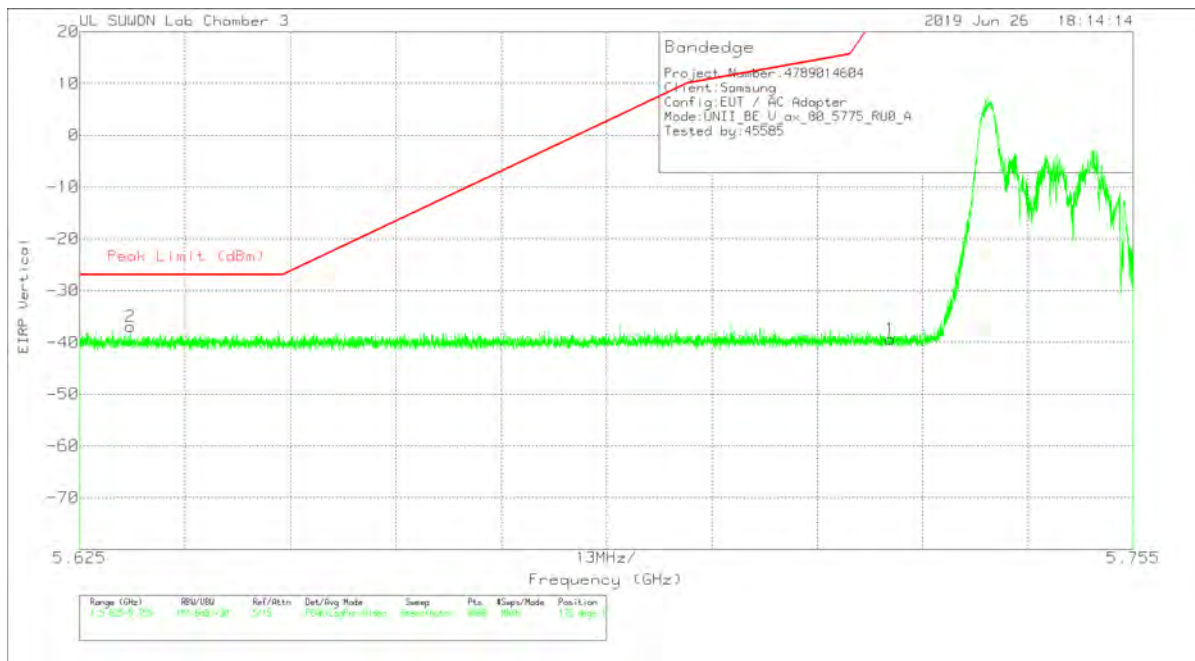
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-68.29	Pk	34.8	-17.9	11.8	0	-39.59	27	-66.59	238	103	H
2	5.648	-64.77	Pk	34.7	-18.2	11.8	0	-36.47	-27	-9.47	238	103	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

Trace Markers

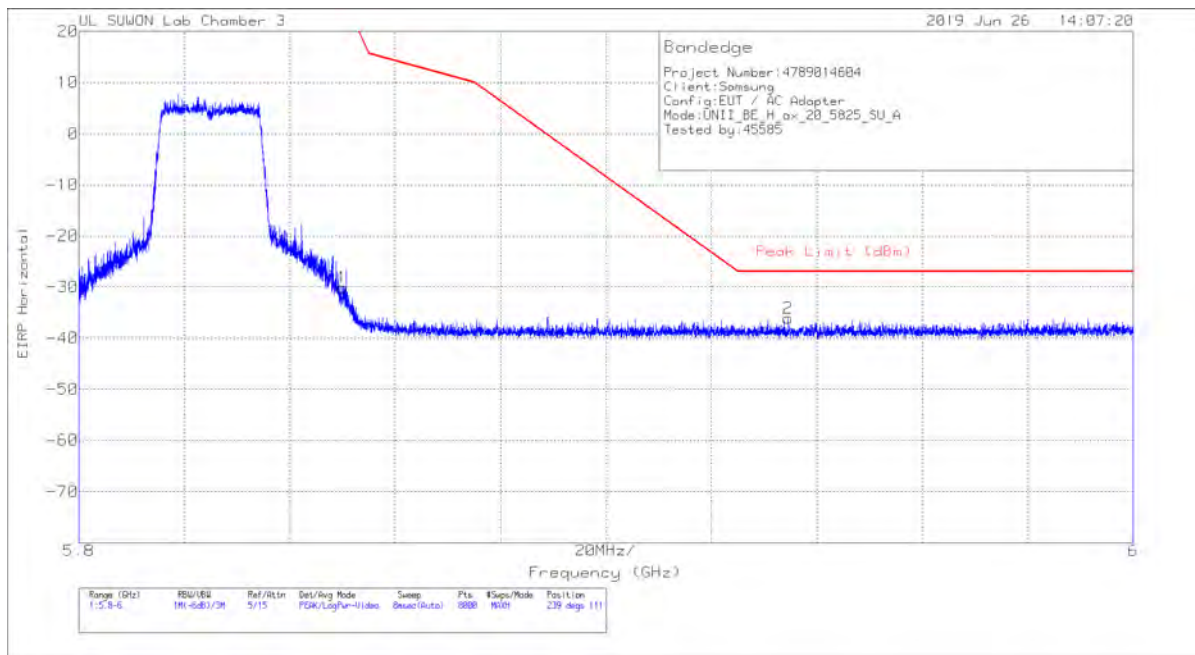
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-68.07	Pk	34.8	-17.9	11.8	0	-39.37	27	-66.37	175	196	V
2	5.631	-65.14	Pk	34.7	-18.3	11.8	0	-36.94	-27	-9.94	175	196	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HE20 SU mode (MIMO)

HORIZONTAL PEAK PLOT



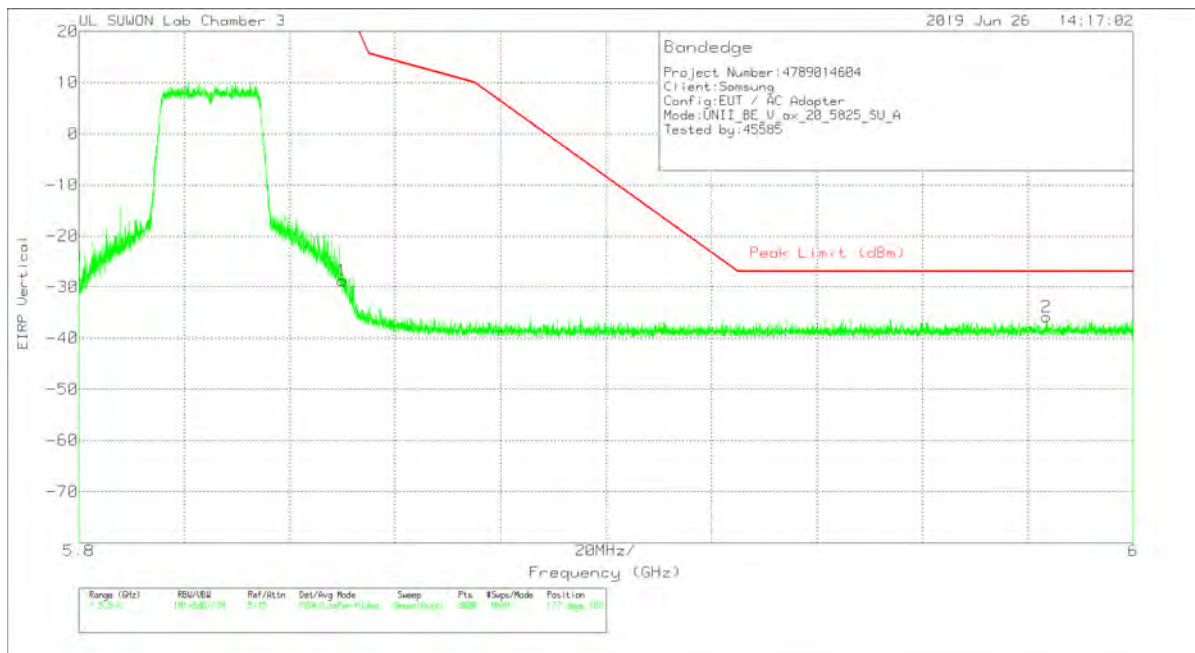
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-59.17	Pk	35	-17.7	11.8	0	-30.07	26.99	-57.06	239	111	H
2	5.935	-65.27	Pk	35.1	-17.7	11.8	0	-36.07	-27	-9.07	239	111	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

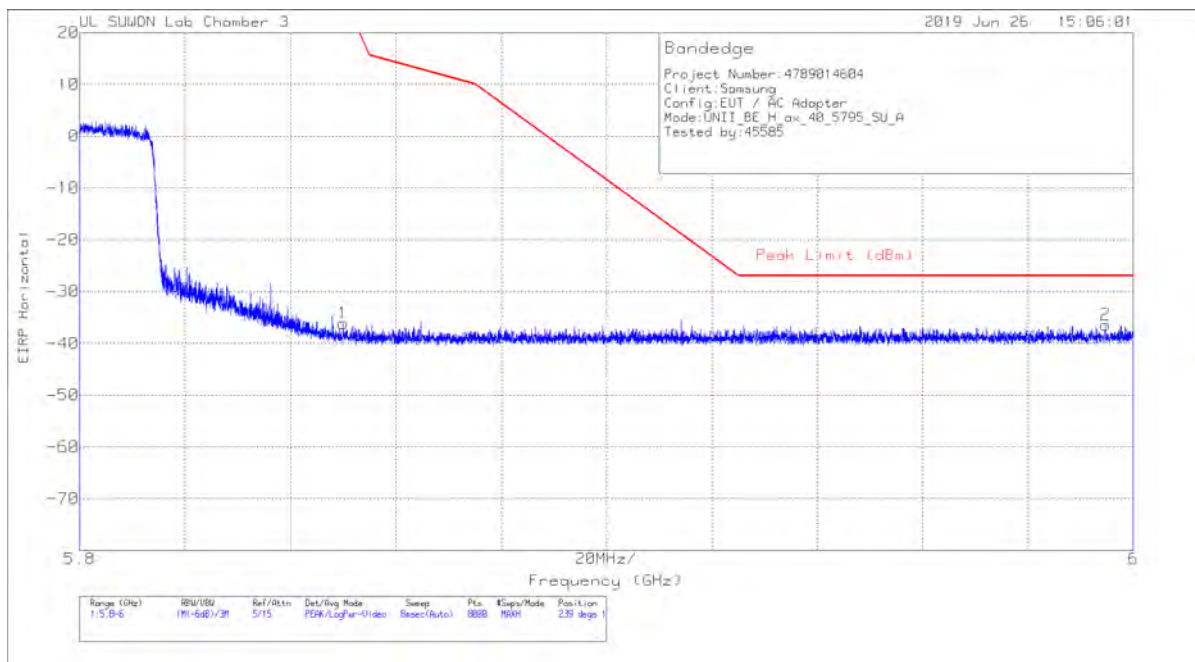
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-57.87	Pk	35	-17.7	11.8	0	-28.77	26.99	-55.76	177	188	V
2	5.984	-64.99	Pk	35.1	-17.7	11.8	0	-35.79	-27	-8.79	177	188	V

Pk - Peak detector

HE40 SU mode (MIMO)

HORIZONTAL PEAK PLOT



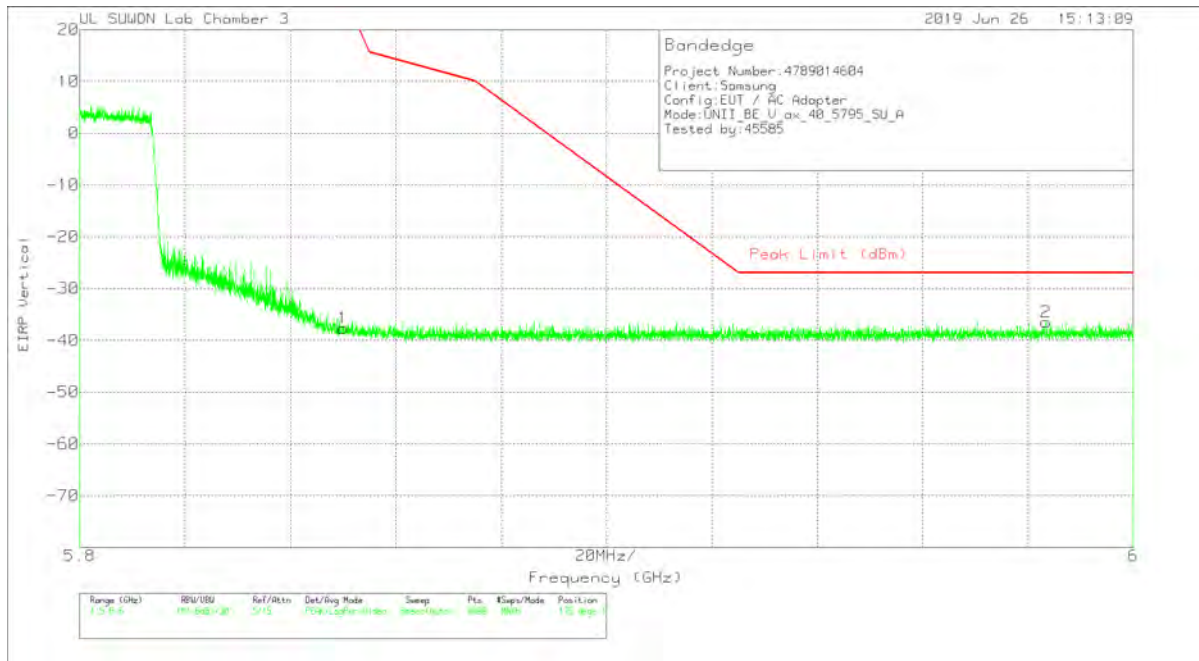
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-65.24	Pk	35	-17.7	11.8	0	-36.14	26.99	-63.13	239	113	H
2	5.995	-65.61	Pk	35.1	-17.7	11.8	0	-36.41	-27	-9.41	239	113	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

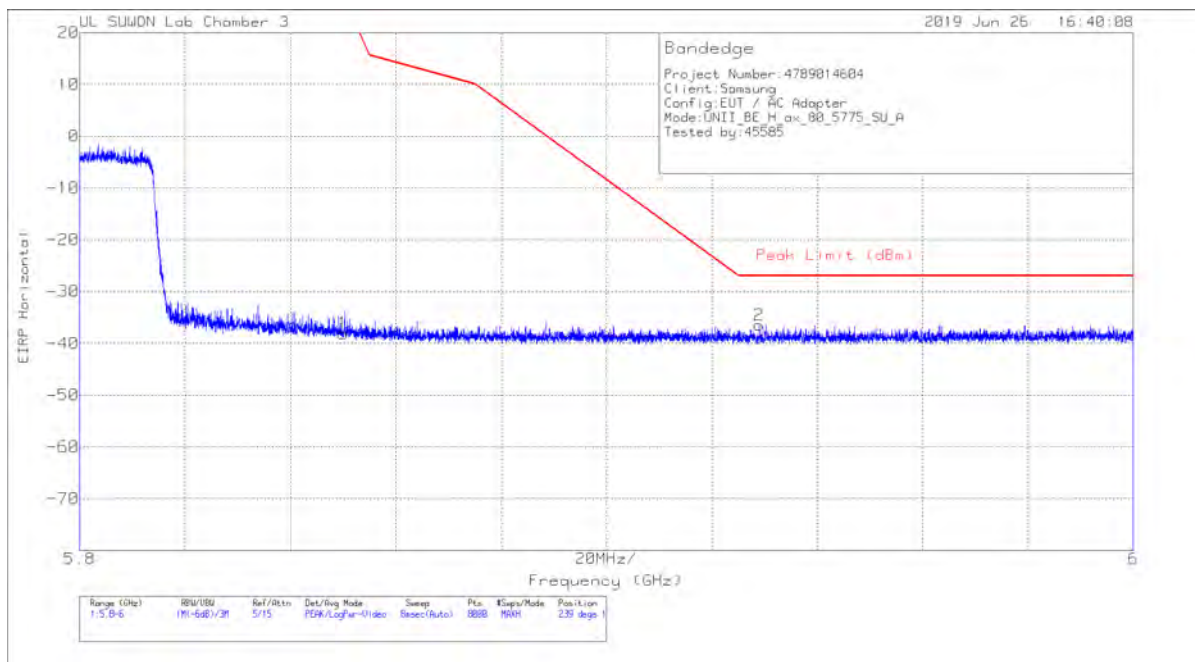
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-66.78	Pk	35	-17.7	11.8	0	-37.68	26.99	-64.67	175	190	V
2	5.983	-65.66	Pk	35.1	-17.7	11.8	0	-36.46	-27	-9.46	175	190	V

Pk - Peak detector

HE80 SU mode (MIMO)

HORIZONTAL PEAK PLOT

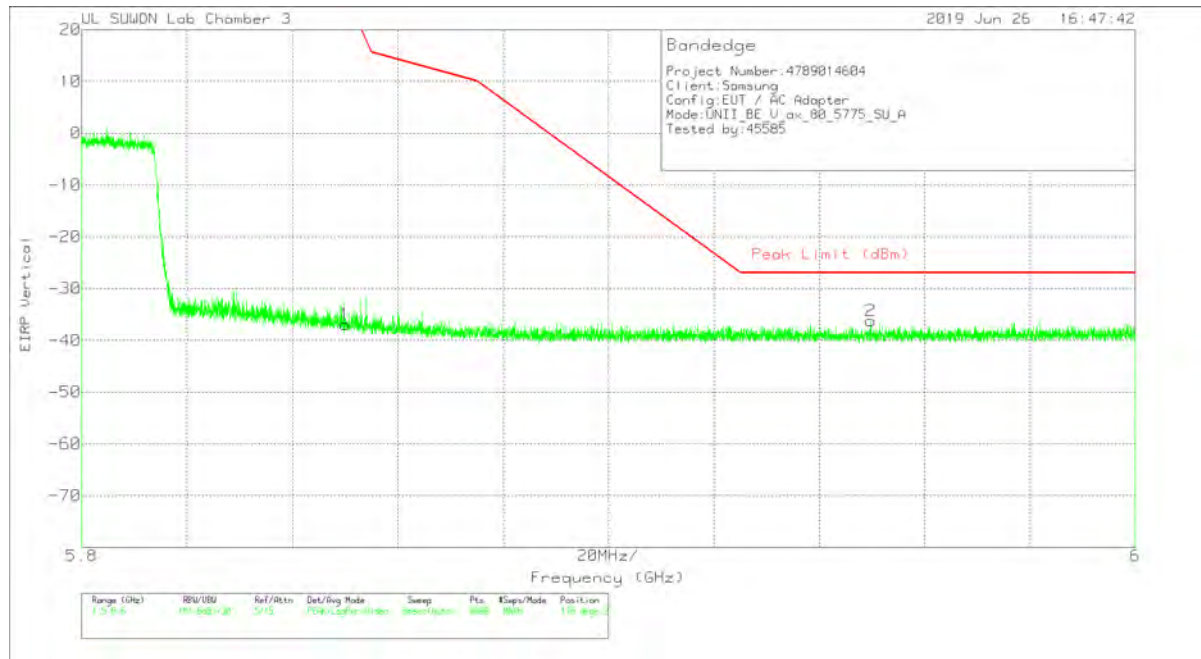


HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.19	Pk	35	-17.7	11.8	0	-38.09	26.99	-65.08	239	113	H
2	5.929	-65.65	Pk	35.1	-17.7	11.8	0	-36.45	-27	-9.45	239	113	H

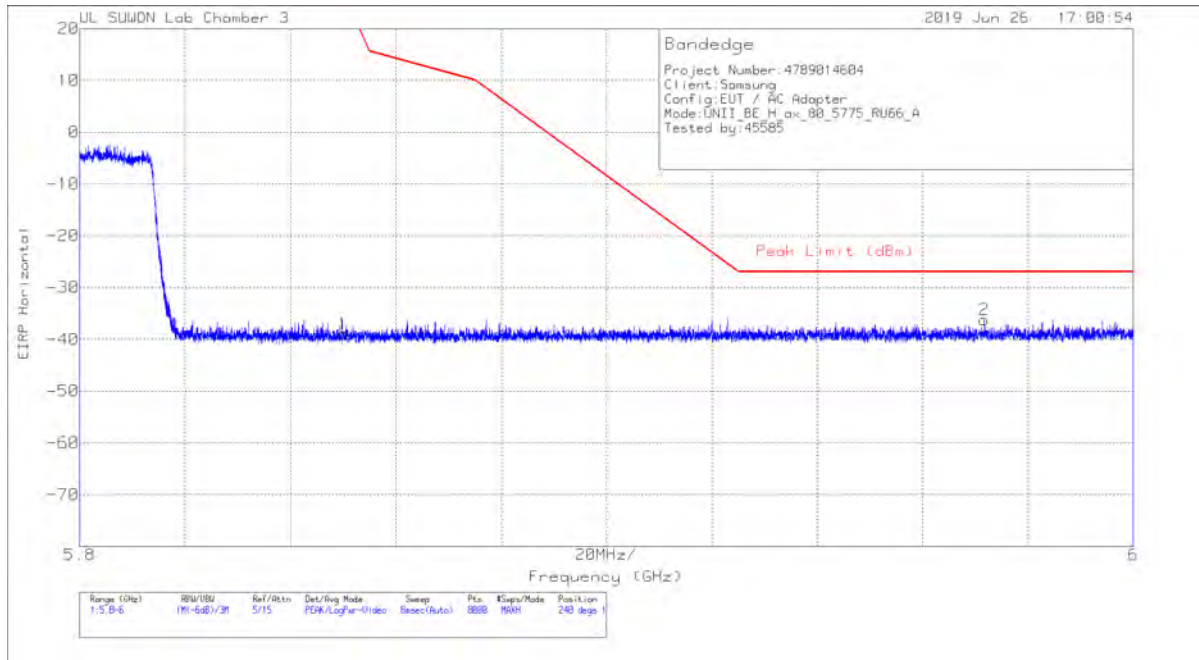
Pk - Peak detector



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117 002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-66.06	Pk	35	-17.7	11.8	0	-36.96	26.99	-63.95	176	201	V
2	5.95	-65.44	Pk	35.1	-17.7	11.8	0	-36.24	-27	-9.24	176	201	V

484T RU mode (MIMO / HE80 / RU offset 66)

HORIZONTAL PEAK PLOT



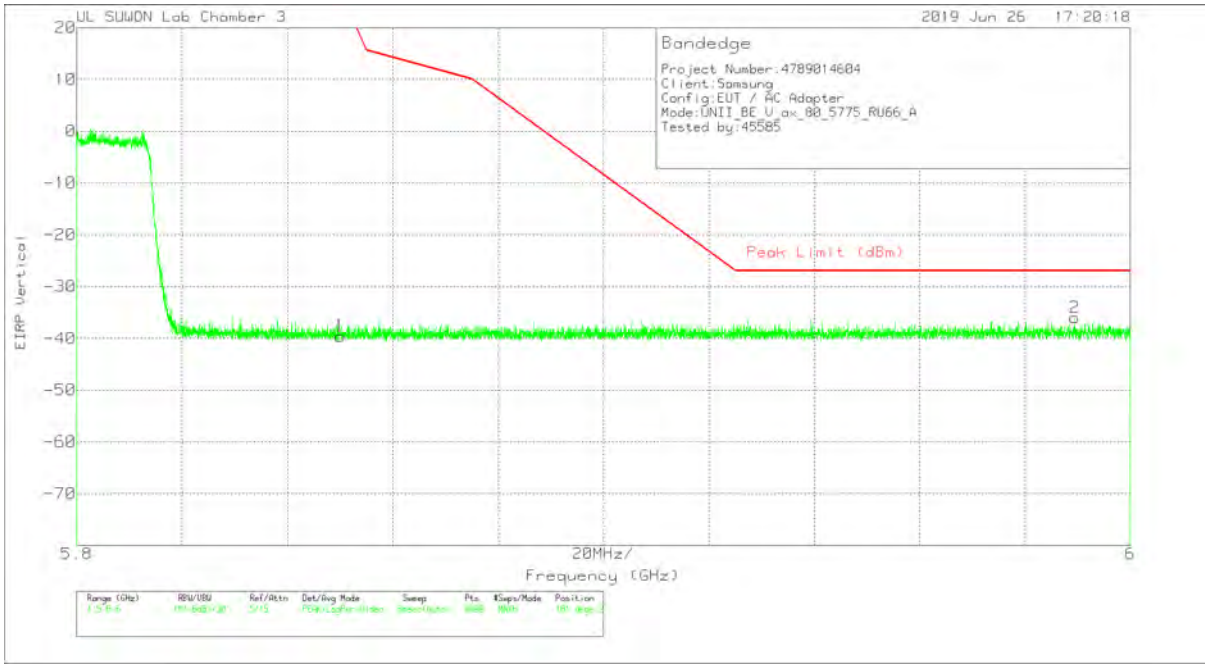
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.1	Pk	35	-17.7	11.8	0	-39	26.99	-65.99	240	106	H
2	5.972	-65.4	Pk	35.1	-17.7	11.8	0	-36.2	-27	-9.2	240	106	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

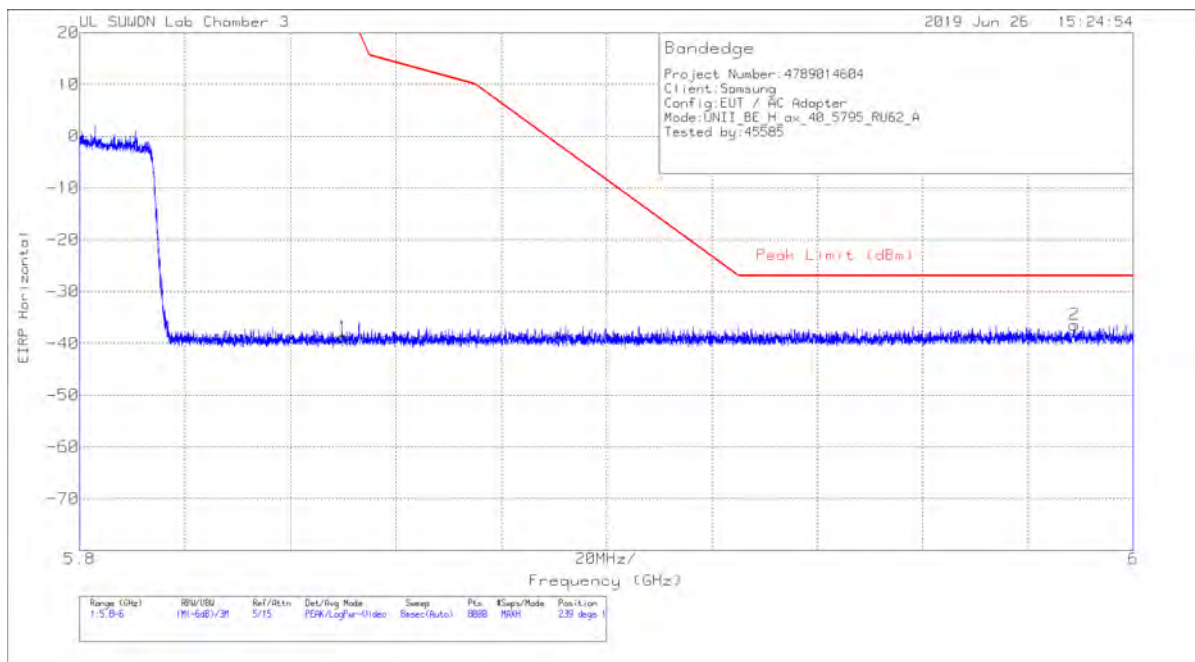
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.67	Pk	35	-17.7	11.8	0	-39.57	26.99	-66.56	181	230	V
2	5.989	-65.3	Pk	35.1	-17.6	11.8	0	-36	-27	-9	181	230	V

Pk - Peak detector

242T RU mode (MIMO / HE40 / RU offset 62)

HORIZONTAL PEAK PLOT



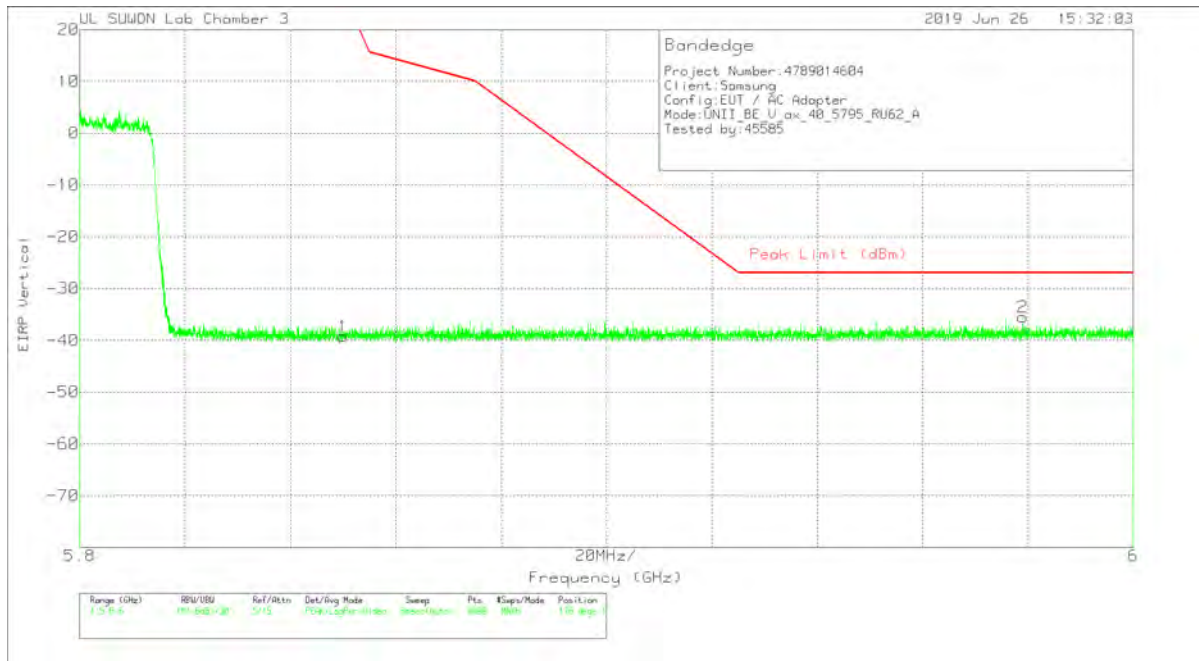
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB(dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.88	Pk	35	-17.7	11.8	0	-38.78	26.99	-65.77	239	106	H
2	5.989	-65.7	Pk	35.1	-17.6	11.8	0	-36.4	-27	-9.4	239	106	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

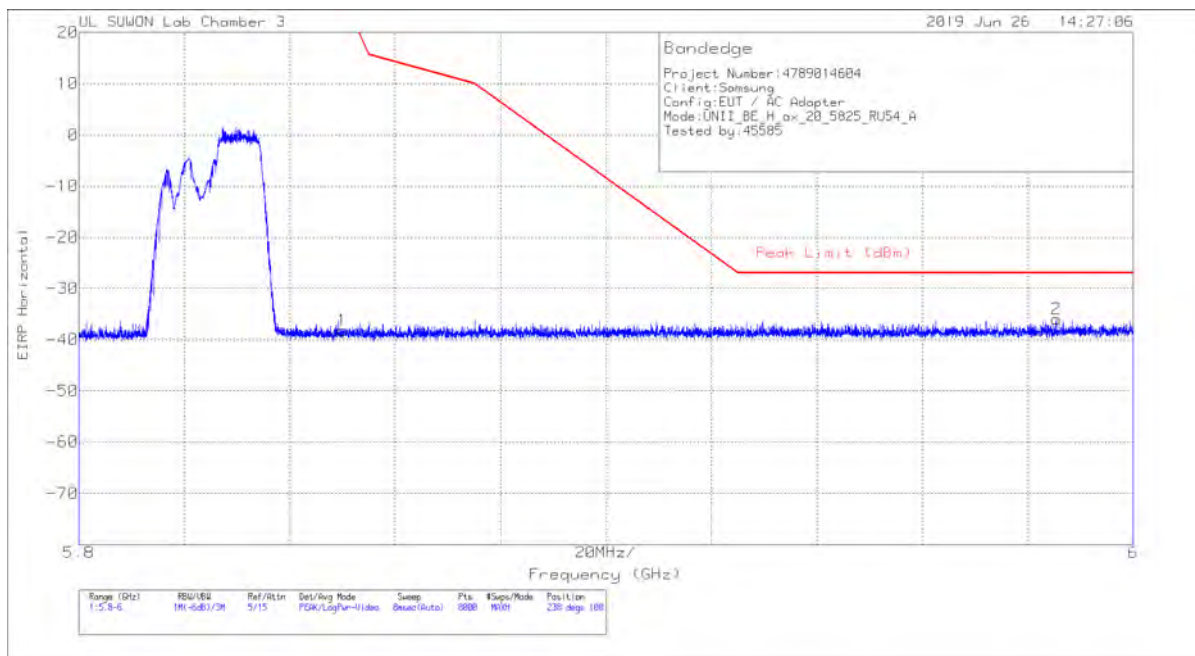
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.37	Pk	35	-17.7	11.8	0	-39.27	26.99	-66.26	176	190	V
2	5.979	-64.68	Pk	35.1	-17.7	11.8	0	-35.48	-27	-8.48	176	190	V

Pk - Peak detector

106T RU mode (MIMO / HE20 / RU offset 54)

HORIZONTAL PEAK PLOT



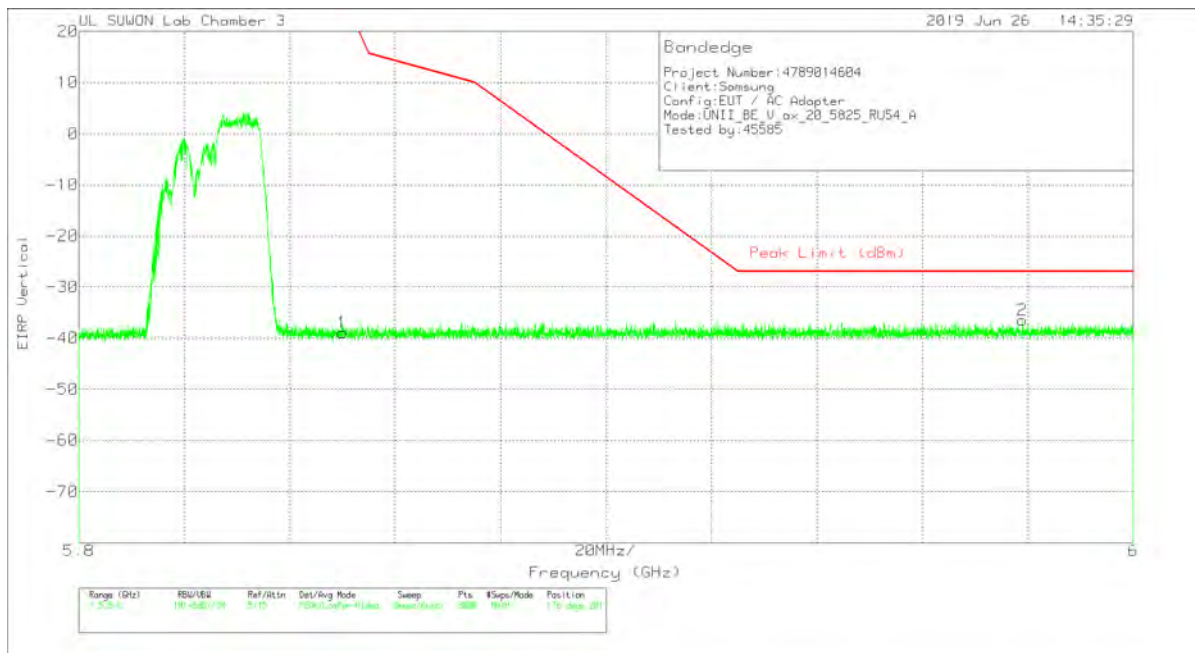
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.31	Pk	35	-17.7	11.8	0	-38.21	26.99	-65.2	238	100	H
2	5.985	-65.18	Pk	35.1	-17.7	11.8	0	-35.98	-27	-8.98	238	100	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

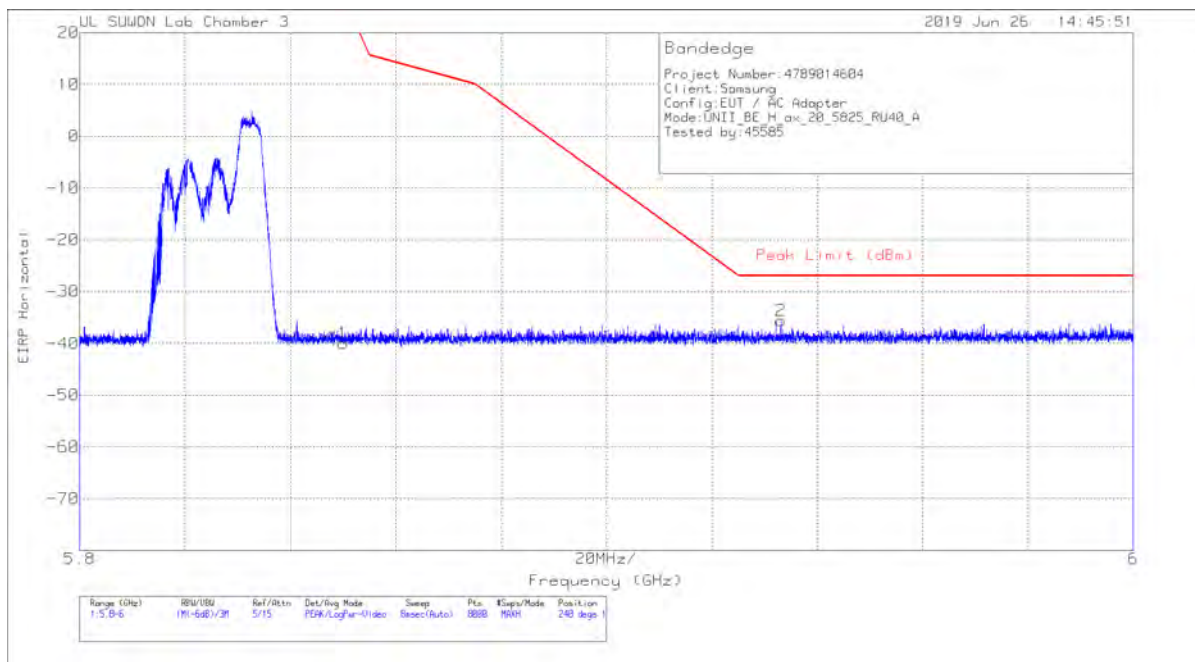
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.04	Pk	35	-17.7	11.8	0	-38.94	26.99	-65.93	176	201	V
2	5.979	-65.69	Pk	35.1	-17.7	11.8	0	-36.49	-27	-9.49	176	201	V

Pk - Peak detector

52T RU mode (MIMO / HE20 / RU offset 40)

HORIZONTAL PEAK PLOT



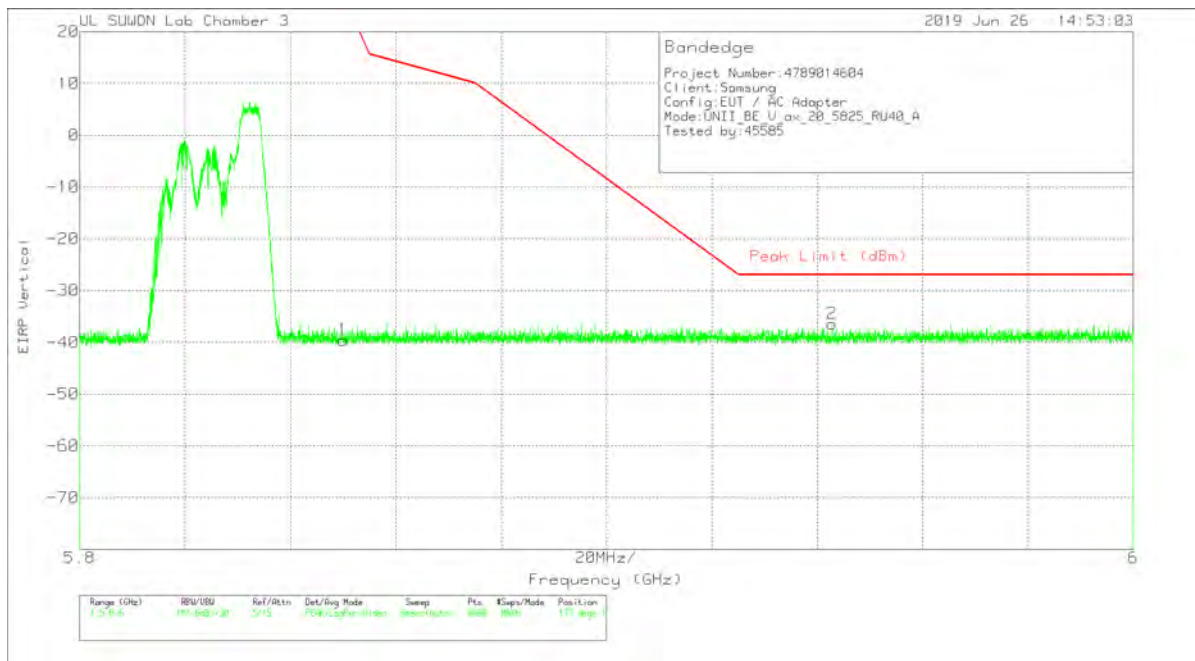
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-69.12	Pk	35	-17.7	11.8	0	-40.02	26.99	-67.01	240	100	H
2	5.933	-64.83	Pk	35.1	-17.7	11.8	0	-35.63	-27	-8.63	240	100	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

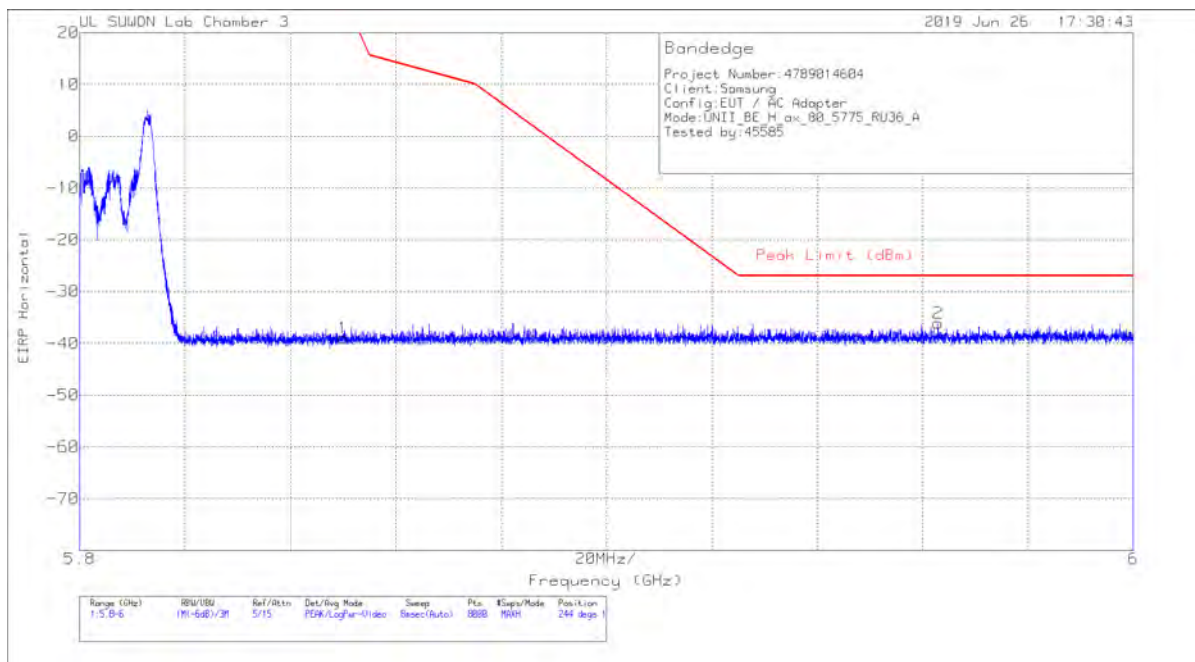
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.66	Pk	35	-17.7	11.8	0	-39.56	26.99	-66.55	177	189	V
2	5.943	-65.6	Pk	35.1	-17.7	11.8	0	-36.4	-27	-9.4	177	189	V

Pk - Peak detector

26T RU mode (MIMO / HE80 / RU offset 36)

HORIZONTAL PEAK PLOT



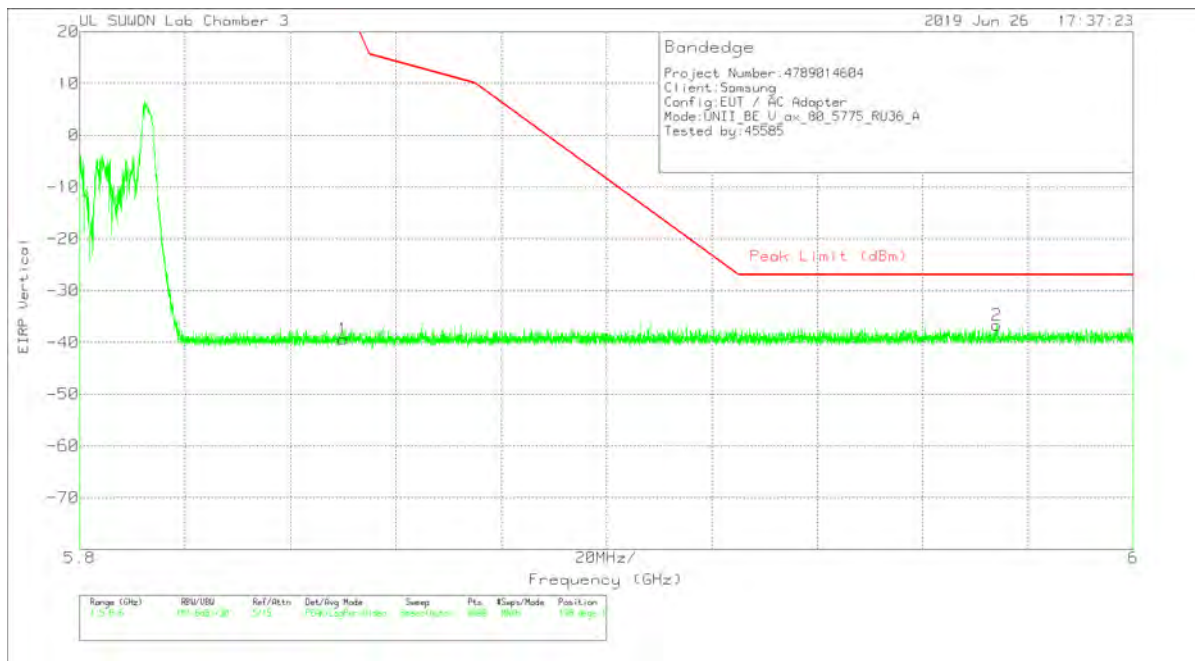
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.1	Pk	35	-17.7	11.8	0	-39	26.99	-65.99	244	102	H
2	5.963	-65.3	Pk	35.1	-17.7	11.8	0	-36.1	-27	-9.1	244	102	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

Trace Markers

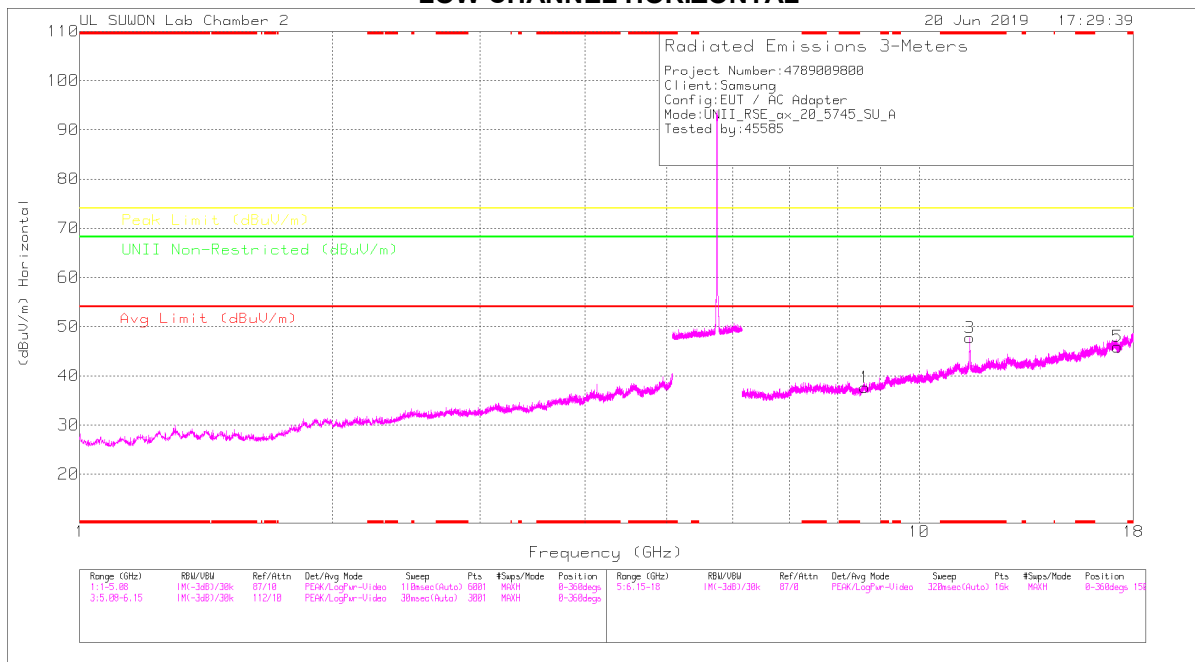
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_002059 59	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.5	Pk	35	-17.7	11.8	0	-39.4	26.99	-66.39	198	180	V
2	5.974	-65.88	Pk	35.1	-17.7	11.8	0	-36.68	-27	-9.68	198	180	V

Pk - Peak detector

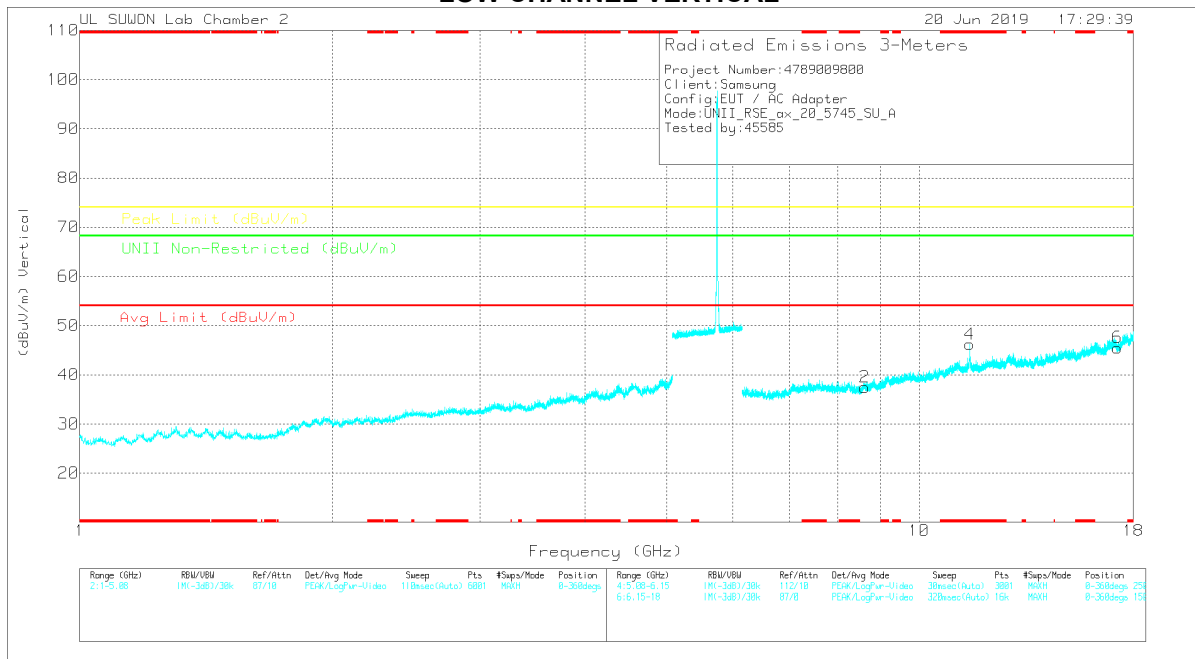
HARMONICS AND SPURIOUS EMISSIONS

HE20 SU mode (MIMO)

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; 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	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/NII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.618	23.66	PK	36.1	-22.1	0	37.66	-	-	-	-	68.2	-30.54	0-360	150	H
3	* 11.49	29.29	PK	38.3	-19.9	0	47.69	-	-	74	-26.31	-	-	0-360	250	H
5	17.236	23.29	PK	41.3	-18.7	0	45.89	-	-	-	-	68.2	-22.31	0-360	150	H
2	8.618	23.46	PK	36.1	-22.1	0	37.46	-	-	-	-	68.2	-30.74	0-360	150	V
4	* 11.489	27.88	PK	38.3	-20	0	46.18	-	-	74	-27.82	-	-	0-360	150	V
6	17.236	22.89	PK	41.3	-18.7	0	45.49	-	-	-	-	68.2	-22.71	0-360	250	V

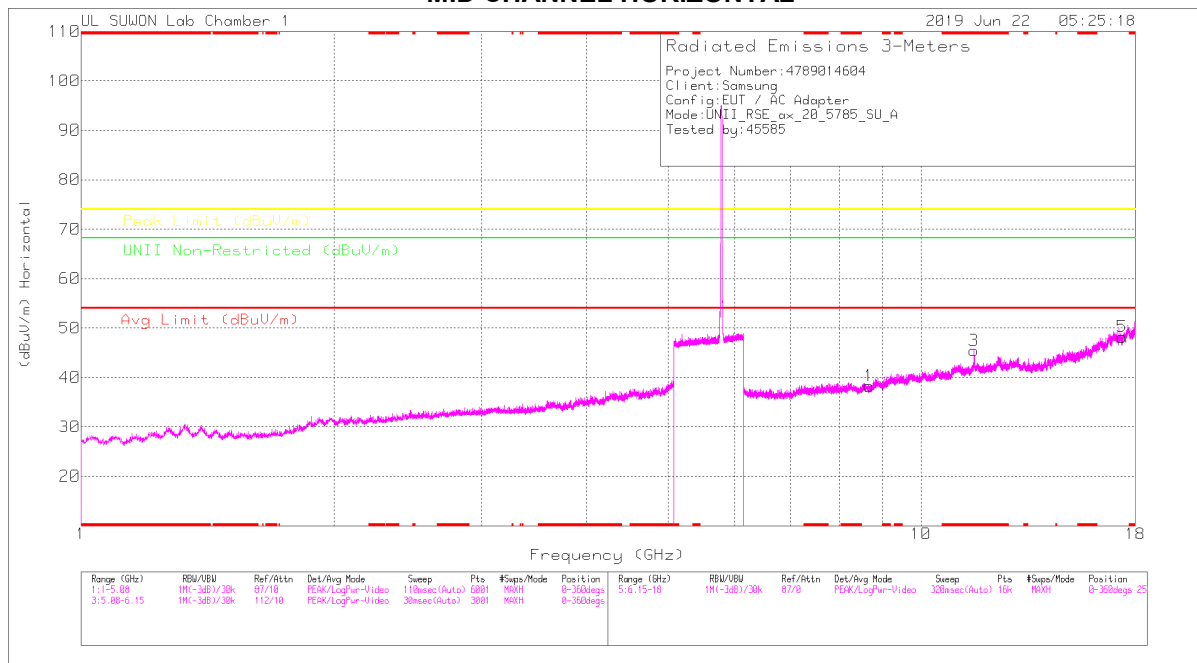
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

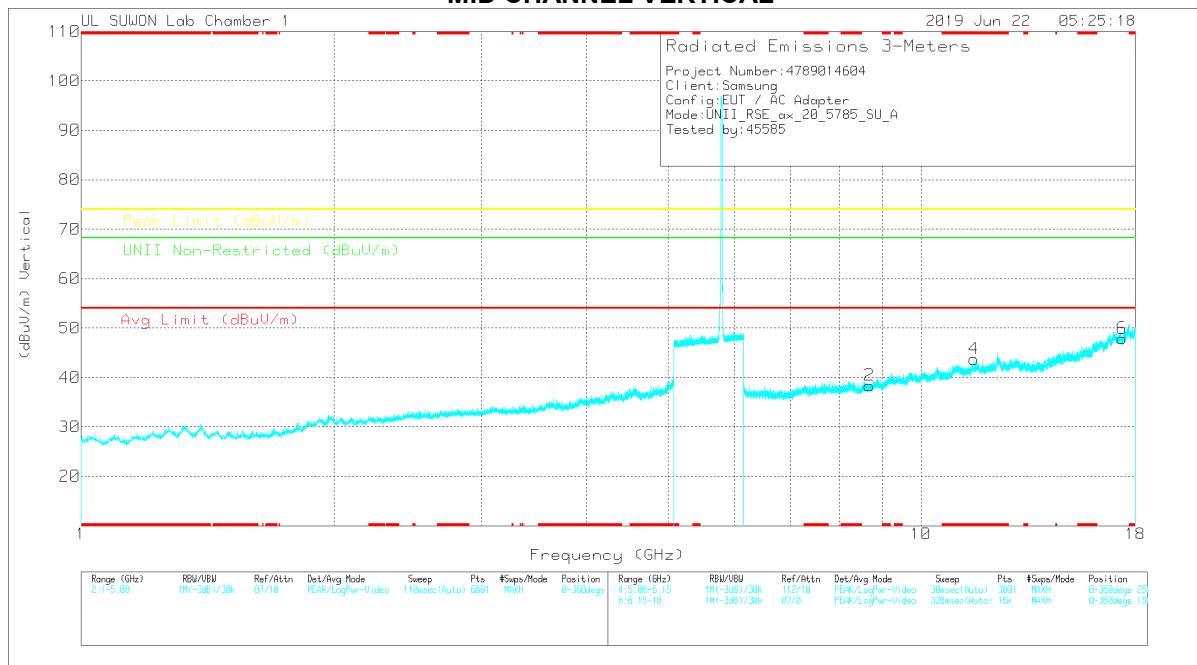
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/NII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.492	39.42	PK-U	38.3	-20	0	57.72	-	-	74	-16.28	-	-	160	166	H
* 11.488	27.48	ADR	38.3	-20	0	45.78	54	-8.22	-	-	-	-	160	166	H
* 11.488	38.02	PK-U	38.3	-19.9	0	56.42	-	-	74	-17.58	-	-	149	176	V
* 11.488	25.43	ADR	38.3	-19.9	0	43.83	54	-10.17	-	-	-	-	149	176	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; 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_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.67315	27.27	PK	36.4	-25.4	0	36.27	-	-	-	-	68.2	-29.93	0-360	250	H
3	* 11.56956	29.34	PK	38.6	-22.5	0	45.44	-	-	74	-28.56	-	-	0-360	250	H
5	17.35422	24.6	PK	41.2	-17.6	0	48.2	-	-	-	-	68.2	-20	0-360	150	H
2	8.6813	27.39	PK	36.4	-25.4	0	38.39	-	-	-	-	68.2	-29.81	0-360	150	V
4	* 11.5703	27.64	PK	38.6	-22.5	0	43.74	-	-	74	-30.26	-	-	0-360	150	V
6	17.35866	24.3	PK	41.2	-17.6	0	47.9	-	-	-	-	68.2	-20.3	0-360	150	V

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

PK – Peak detector

Radiated Emissions

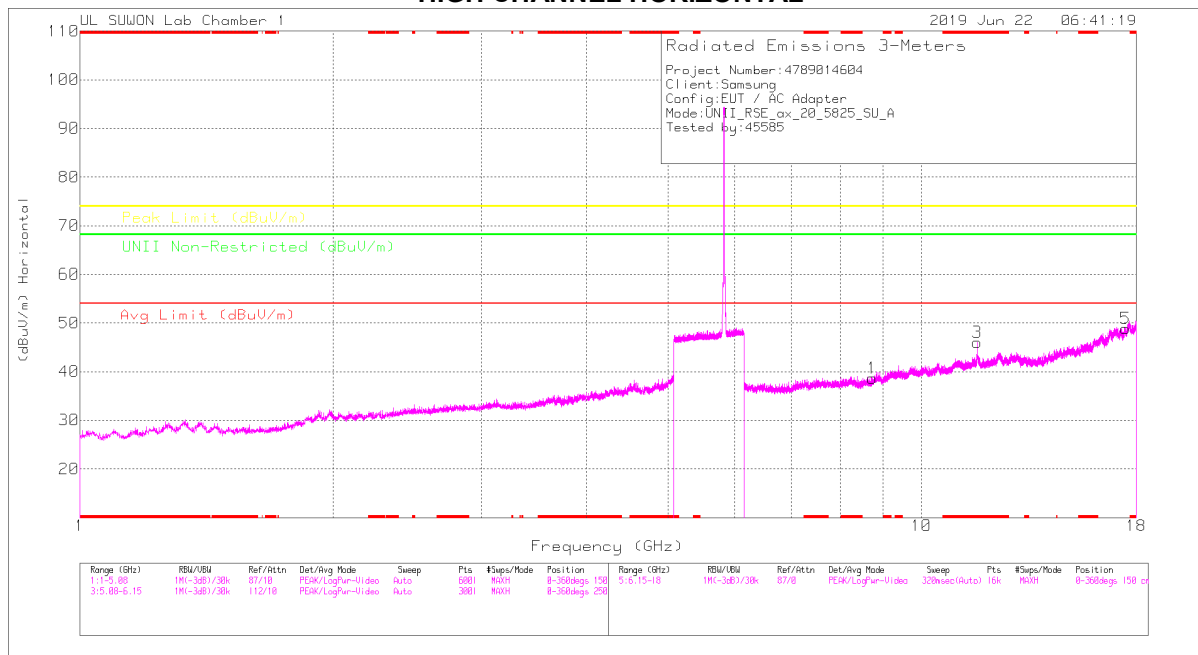
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.5759	40.47	PK-U	38.6	-22.5	0	56.57	-	-	74	-17.43	-	-	161	170	H
* 11.56878	27.13	ADR	38.6	-22.5	0	43.23	54	-10.77	-	-	-	-	161	170	H
* 11.57212	39.29	PK-U	38.6	-22.5	0	55.39	-	-	74	-18.61	-	-	150	100	V
* 11.56942	26.01	ADR	38.6	-22.5	0	42.11	54	-11.89	-	-	-	-	150	100	V

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

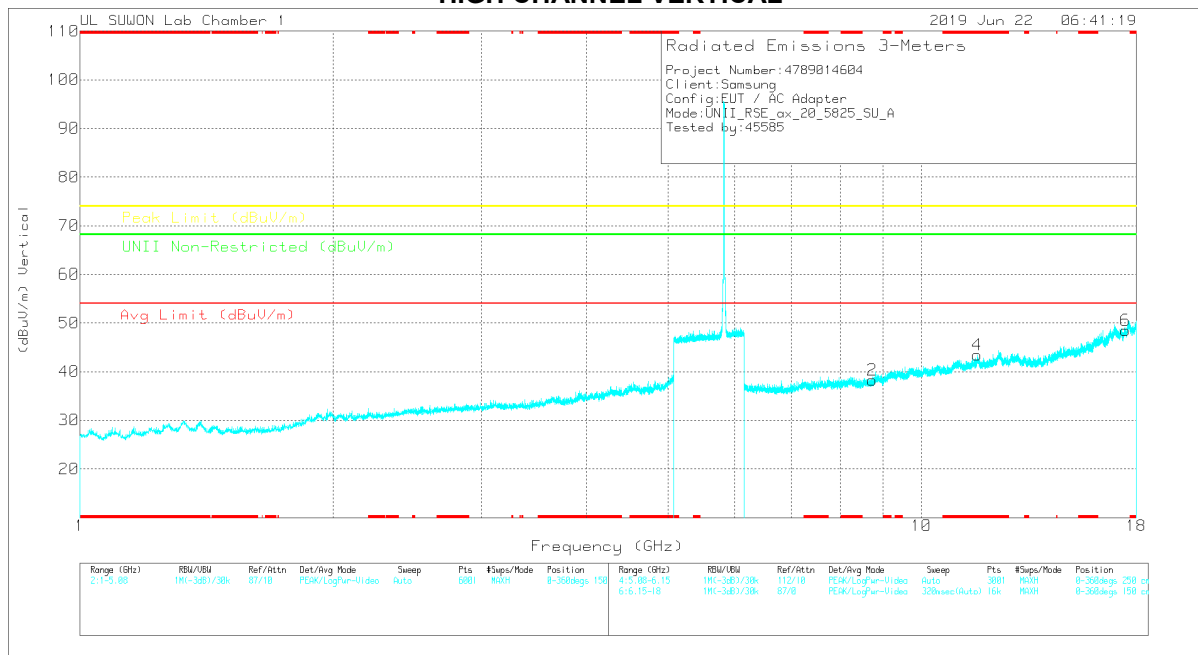
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; 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_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	8.73536	27.7	PK	36.4	-25.5	0	38.6	-	-	-	-	68.2	-29.6	0-360	150	H
3	* 11.64806	28.96	PK	38.7	-21.6	0	46.06	-	-	74	-27.94	-	-	0-360	150	H
5	17.47568	24.14	PK	41.2	-16.5	0	48.84	-	-	-	-	68.2	-19.36	0-360	250	H
2	8.73684	27.3	PK	36.4	-25.4	0	38.3	-	-	-	-	68.2	-29.9	0-360	150	V
4	* 11.6525	26.28	PK	38.7	-21.6	0	43.38	-	-	74	-30.62	-	-	0-360	250	V
6	17.47864	23.88	PK	41.2	-16.6	0	48.48	-	-	-	-	68.2	-19.72	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	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 11.6399	41.18	PK-U	38.7	-21.8	0	58.08	-	-	74	-15.92	-	-	147	163	H
* 11.64592	25.82	ADR	38.7	-21.7	0	42.82	54	-11.18	-	-	-	-	147	163	H
* 11.65106	37.87	PK-U	38.7	-21.6	0	54.97	-	-	74	-19.03	-	-	146	100	V
* 11.64792	24.86	ADR	38.7	-21.6	0	41.96	54	-12.04	-	-	-	-	146	100	V

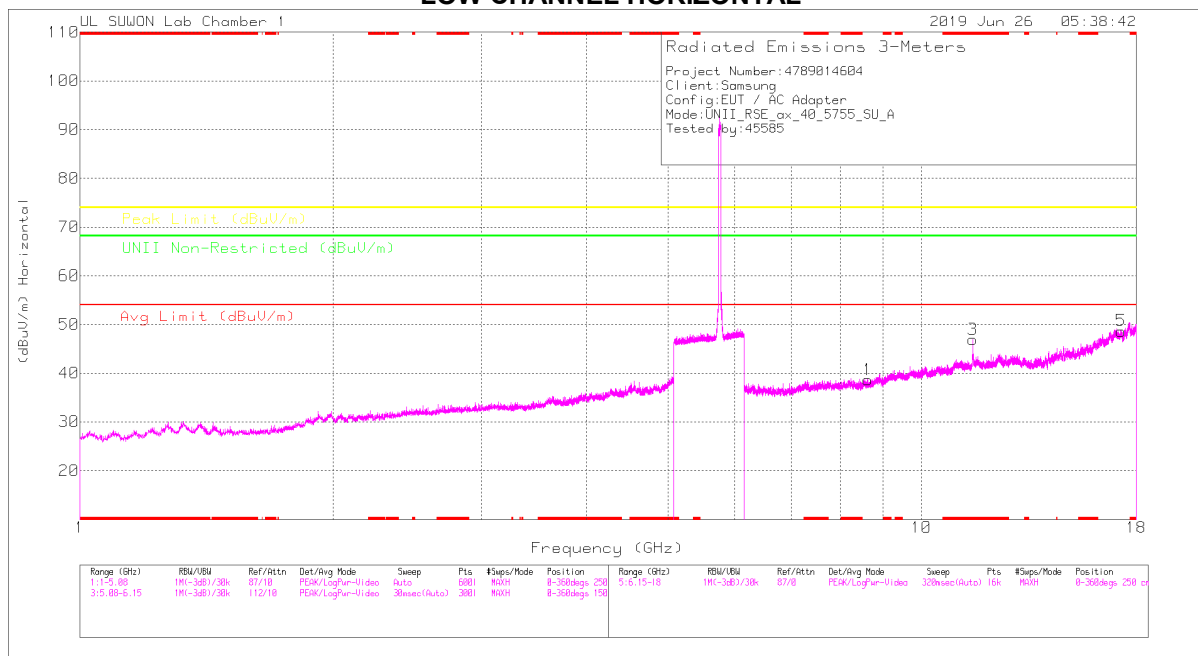
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

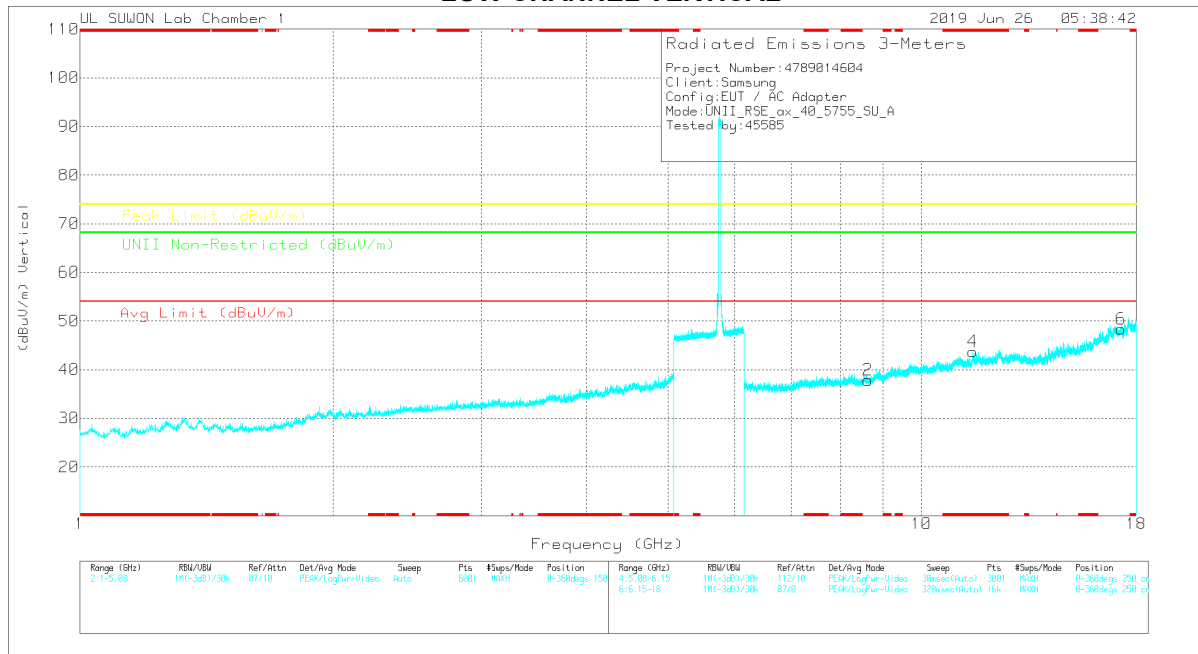
ADR - U-NII AD primary method, RMS average

HE40 SU mode (MIMO)

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; 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_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.63316	27.21	PK	36.3	-24.9	0	38.61	-	-	-	-	68.2	-29.59	0-360	250	H
3	* 11.50809	30.68	PK	38.5	-22.3	0	46.88	-	-	74	-27.12	-	-	0-360	250	H
5	17.26165	23.87	PK	41.3	-16.5	0	48.67	-	-	-	-	68.2	-19.53	0-360	250	H
2	8.6302	26.31	PK	36.3	-24.8	0	37.81	-	-	-	-	68.2	-30.39	0-360	150	V
4	* 11.51105	27.55	PK	38.5	-22.3	0	43.75	-	-	74	-30.25	-	-	0-360	150	V
6	17.26017	23.49	PK	41.3	-16.5	0	48.29	-	-	-	-	68.2	-19.91	0-360	250	V

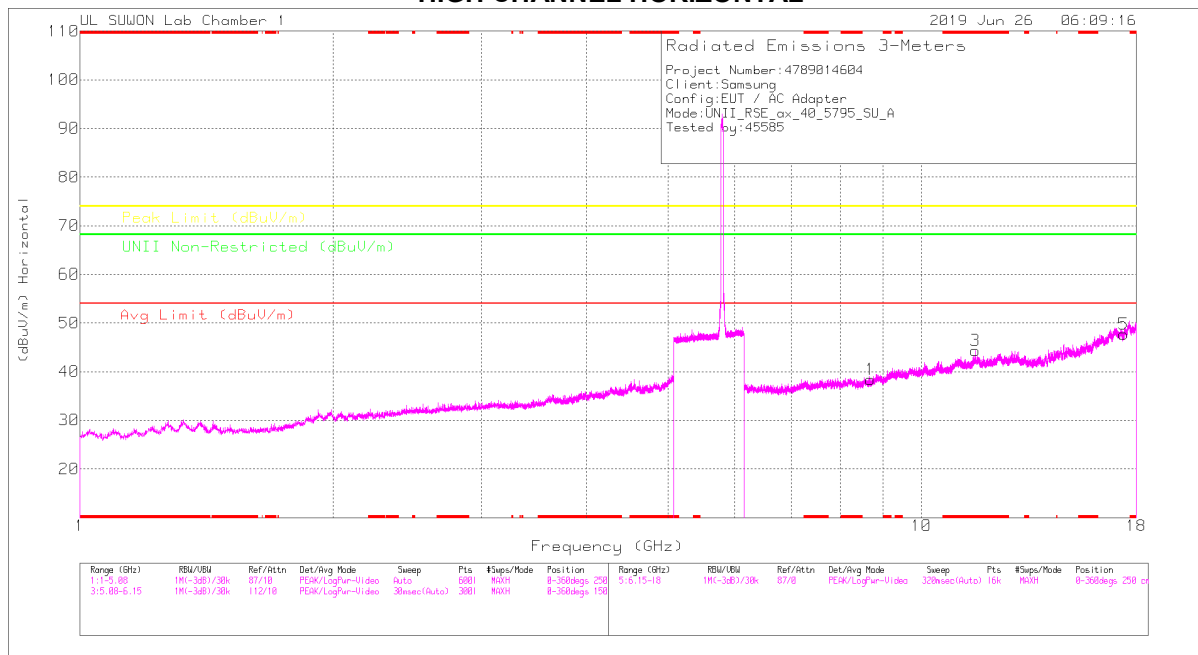
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak detector

Radiated Emissions

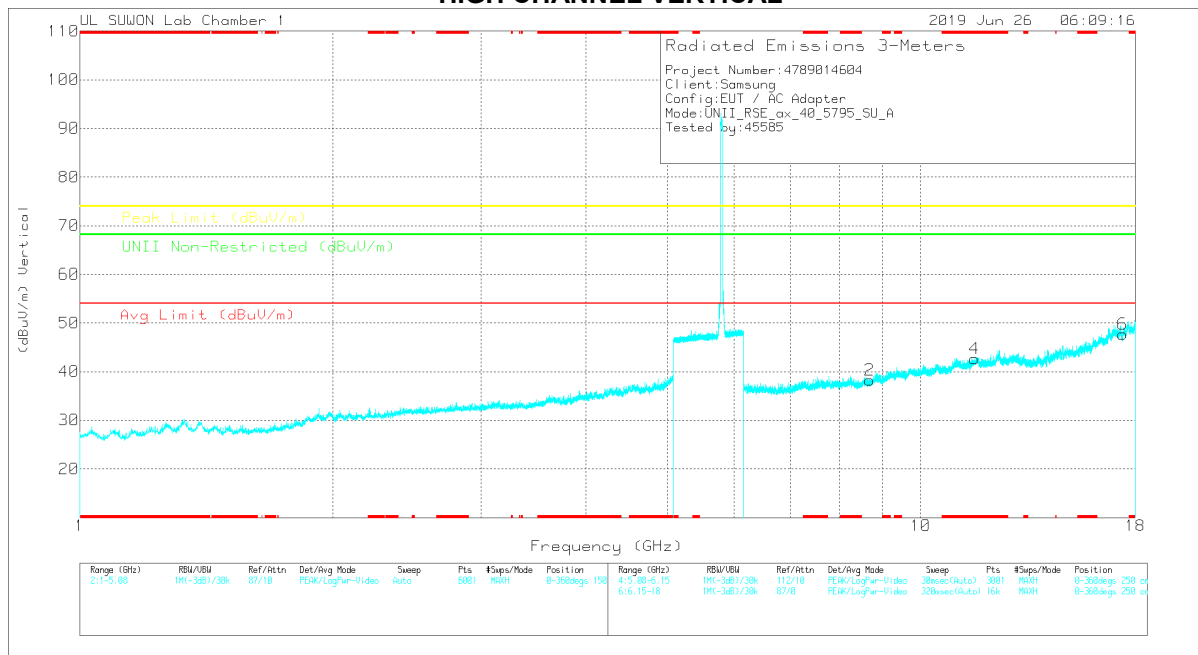
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.50697	38.83	PK-U	38.5	-22.3	0	55.03	-	-	74	-18.97	-	-	258	164	H
* 11.50331	26.48	ADR	38.5	-22.3	0	42.68	54	-11.32	-	-	-	-	258	164	H
* 11.50875	39.22	PK-U	38.5	-22.3	0	55.42	-	-	74	-18.58	-	-	150	169	V
* 11.50855	26.21	ADR	38.5	-22.3	0	42.41	54	-11.59	-	-	-	-	150	169	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; 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_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.69981	27.49	PK	36.4	-25.5	0	38.39	-	-	-	-	68.2	-29.81	0-360	150	H
3	* 11.58807	28.16	PK	38.6	-22.4	0	44.36	-	-	74	-29.64	-	-	0-360	250	H
5	17.38384	23.74	PK	41.2	-17.2	0	47.74	-	-	-	-	68.2	-20.46	0-360	250	H
2	8.69241	27.33	PK	36.4	-25.5	0	38.23	-	-	-	-	68.2	-29.97	0-360	150	V
4	* 11.58289	26.61	PK	38.6	-22.5	0	42.71	-	-	74	-31.29	-	-	0-360	150	V
6	17.38681	23.71	PK	41.2	-17.2	0	47.71	-	-	-	-	68.2	-20.49	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	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.5834	38.12	PK-U	38.6	-22.5	0	54.22	-	-	74	-19.78	-	-	256	164	H
* 11.5903	26.04	ADR	38.6	-22.4	0	42.24	54	-11.76	-	-	-	-	256	164	H
* 11.58034	38.76	PK-U	38.6	-22.5	0	54.86	-	-	74	-19.14	-	-	148	169	V
* 11.57993	25.98	ADR	38.6	-22.5	0	42.08	54	-11.92	-	-	-	-	148	169	V

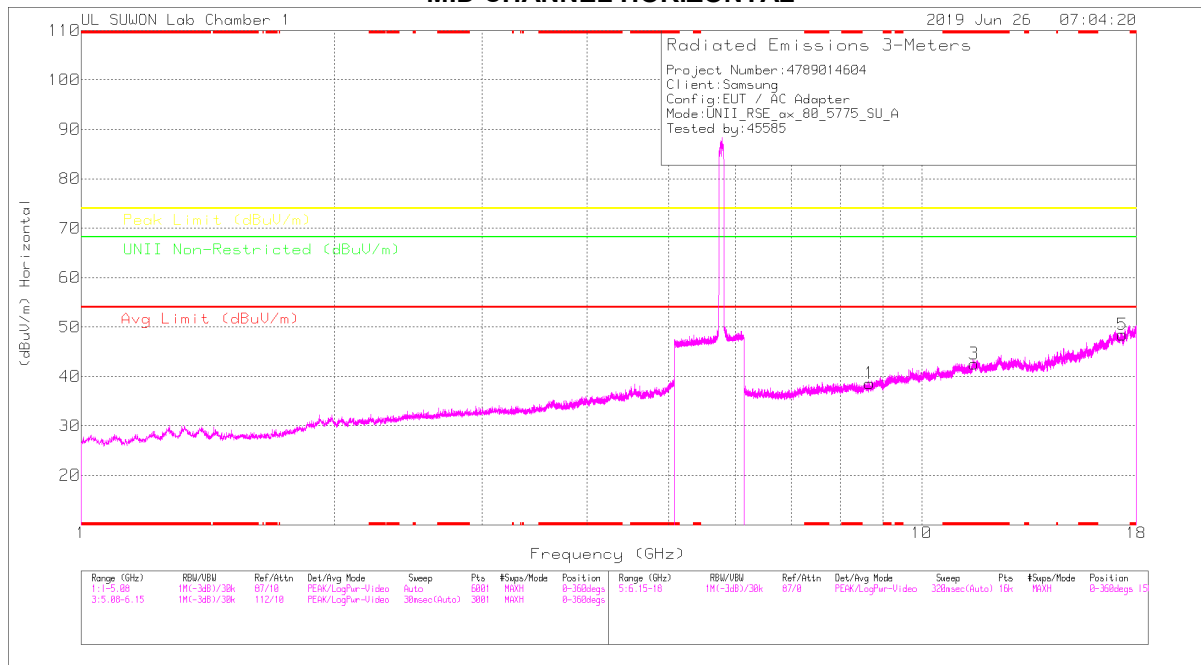
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

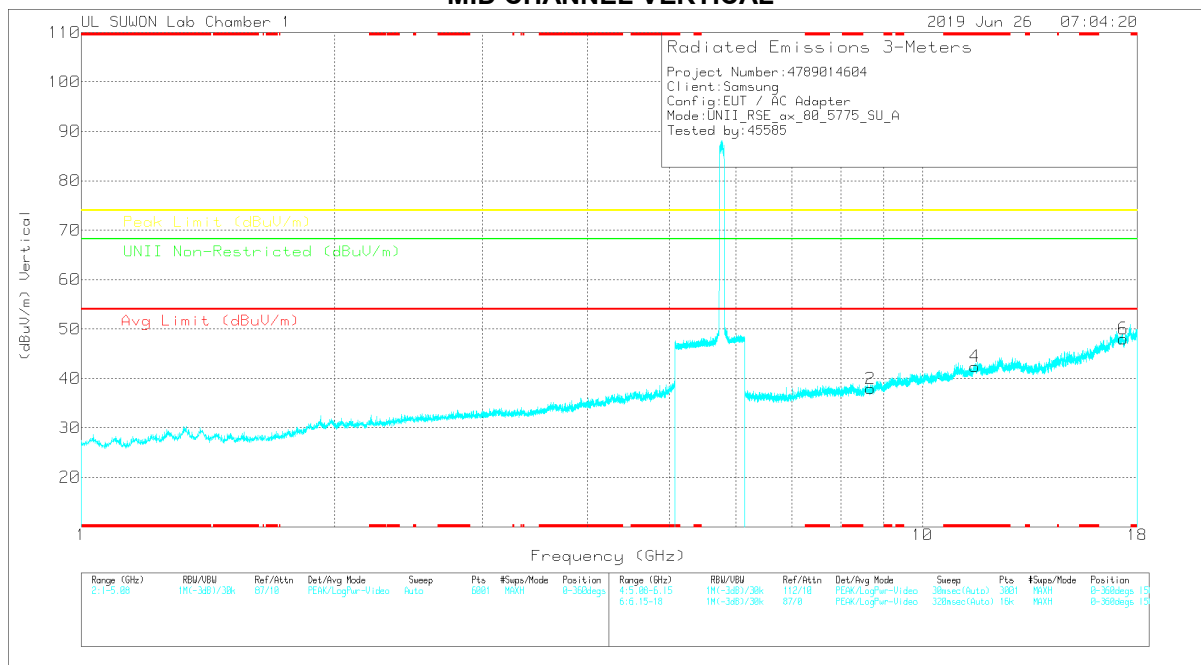
ADR - U-NII AD primary method, RMS average

HE80 SU mode (MIMO)

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; 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_00166717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.66723	27.63	PK	36.4	-25.4	0	38.63	-	-	-	-	68.2	-29.57	0-360	150	H
3	* 11.5466	26.56	PK	38.5	-22.5	0	42.56	-	-	74	-31.44	-	-	0-360	250	H
5	17.32238	24.16	PK	41.3	-17	0	48.46	-	-	-	-	68.2	-19.74	0-360	250	H
2	8.66945	26.91	PK	36.4	-25.4	0	37.91	-	-	-	-	68.2	-30.29	0-360	250	V
4	* 11.54586	26.43	PK	38.5	-22.5	0	42.43	-	-	74	-31.57	-	-	0-360	150	V
6	17.31941	23.72	PK	41.3	-17	0	48.02	-	-	-	-	68.2	-20.18	0-360	150	V

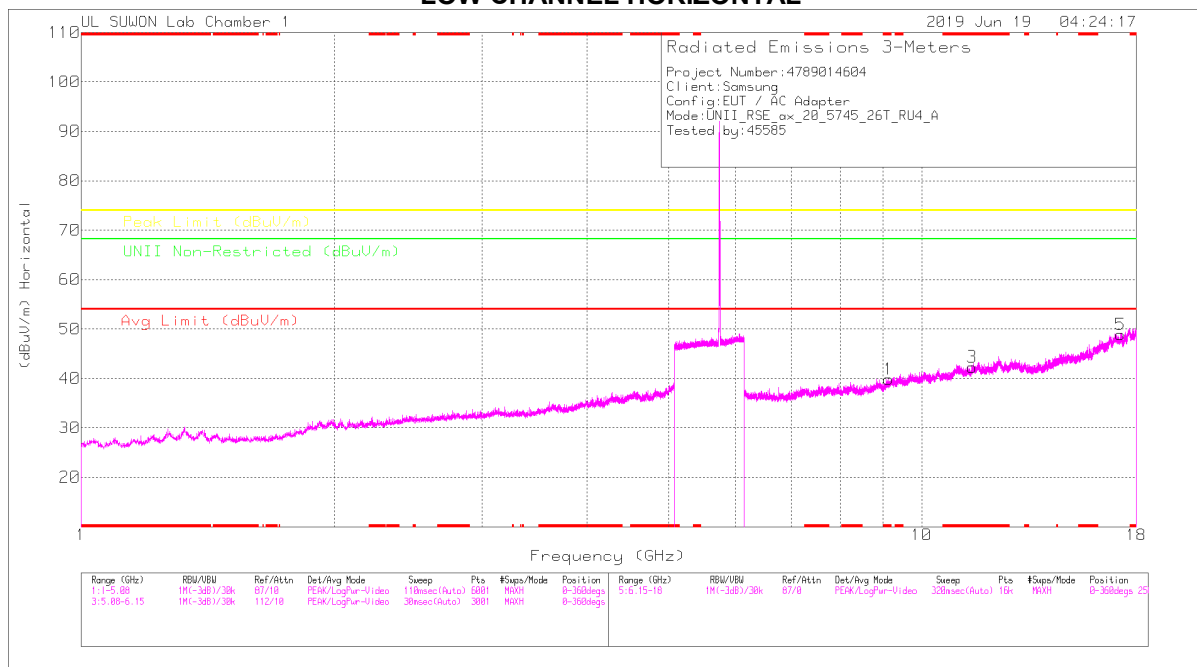
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak detector

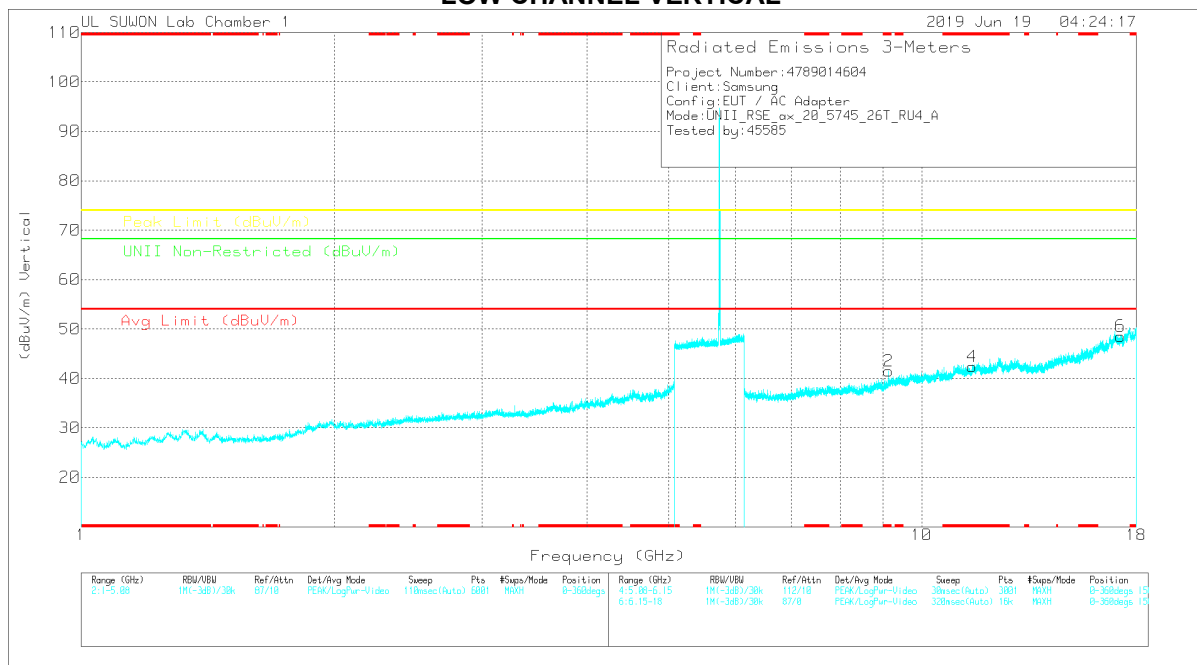
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

HE20 RU mode (MIMO / 26T / Low: 4, Mid: 4, High: 4)

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

LOW CHANNEL DATA

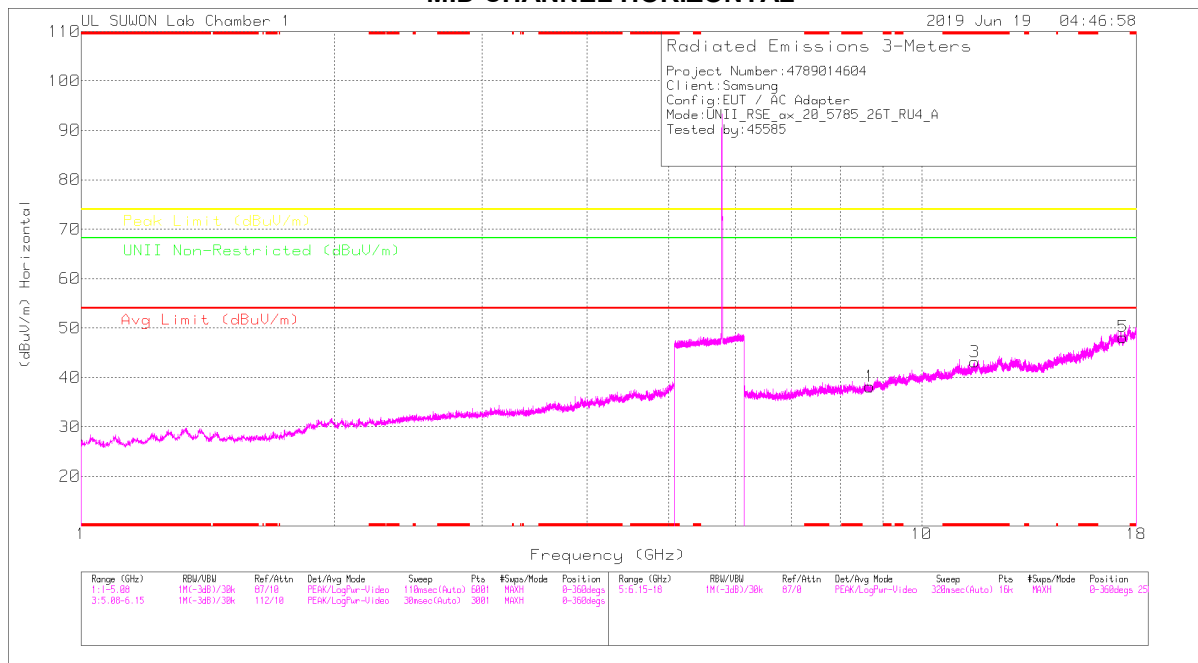
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 9.12861	27.04	PK	36.6	-23.8	0	39.84	-	-	74	-34.16	-	-	0-360	150	H
3	* 11.48809	26.1	PK	38.5	-22.3	0	42.3	-	-	74	-31.7	-	-	0-360	150	H
5	17.24091	24.28	PK	41.3	-16.7	0	48.88	-	-	-	-	68.2	-19.32	0-360	250	H
2	* 9.13379	28.7	PK	36.6	-23.8	0	41.5	-	-	74	-32.5	-	-	0-360	150	V
4	* 11.48735	26.18	PK	38.5	-22.3	0	42.38	-	-	74	-31.62	-	-	0-360	250	V
6	17.23277	24.05	PK	41.3	-16.8	0	48.55	-	-	-	-	68.2	-19.65	0-360	150	V

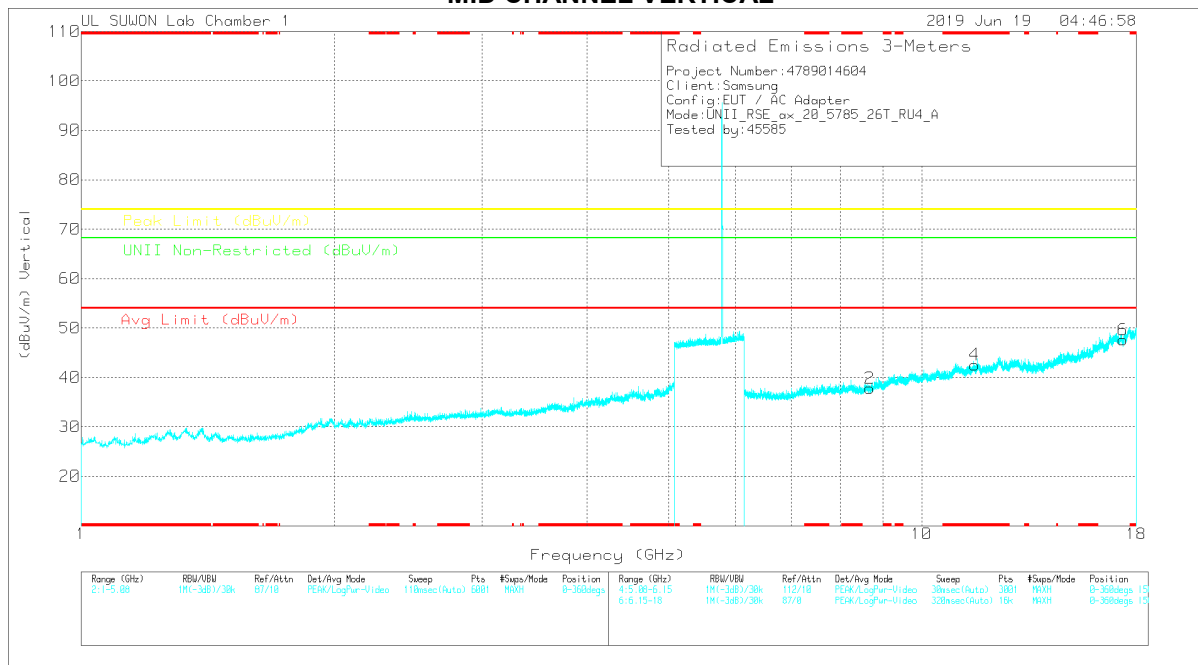
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak detector

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

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

MID CHANNEL DATA

Trace Markers

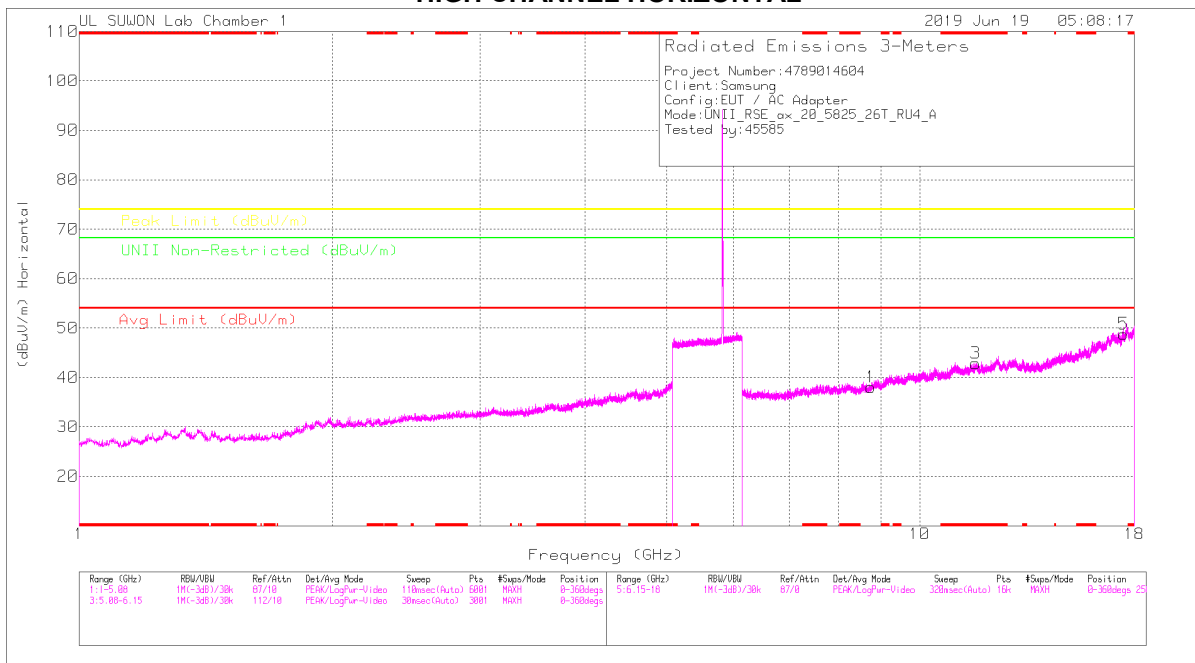
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degree)	Height (cm)	Polarity
1	8.67612	27.16	PK	36.4	-25.4	0	38.16	-	-	-	-	68.2	-30.04	0-360	150	H
3	* 11.5703	27.07	PK	38.6	-22.5	0	43.17	-	-	74	-30.83	-	-	0-360	250	H
5	17.34755	24.49	PK	41.2	-17.5	0	48.19	-	-	-	-	68.2	-20.01	0-360	150	H
2	8.67537	26.8	PK	36.4	-25.4	0	37.8	-	-	-	-	68.2	-30.4	0-360	150	V
4	* 11.5703	26.46	PK	38.6	-22.5	0	42.56	-	-	74	-31.44	-	-	0-360	150	V
6	17.35348	23.99	PK	41.2	-17.6	0	47.59	-	-	-	-	68.2	-20.61	0-360	150	V

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

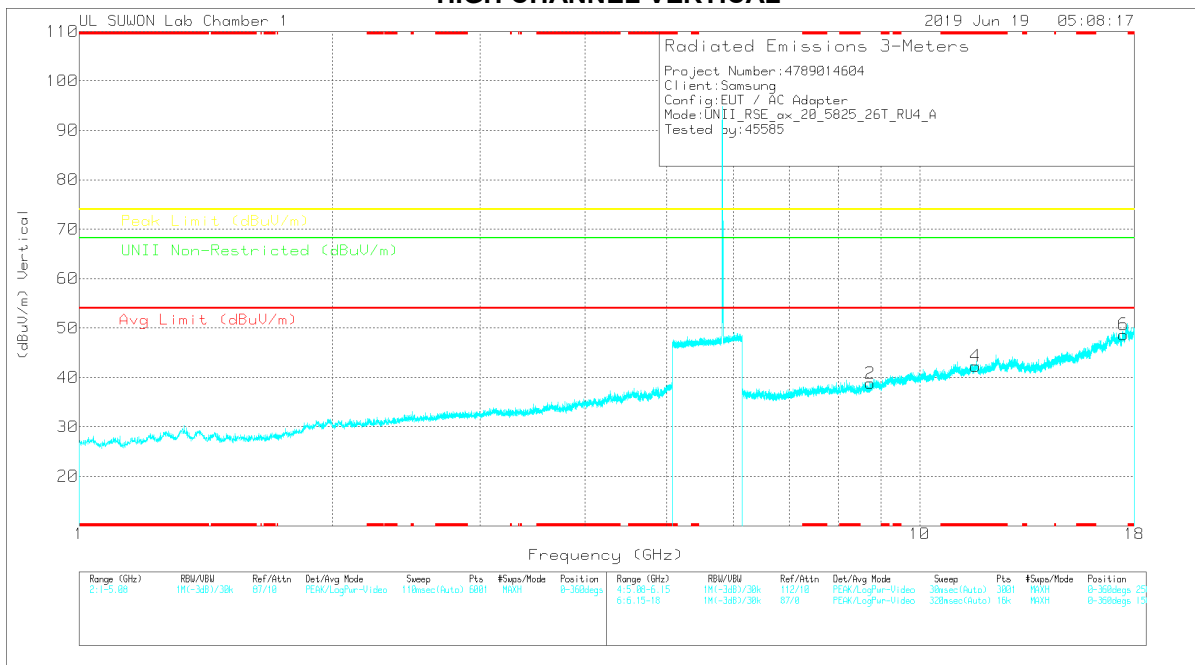
PK – Peak detector

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 40GHz; 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_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	8.74499	27.13	PK	36.4	-25.5	0	38.03	-	-	-	-	68.2	-30.17	0-360	150	H
3	* 11.65398	25.75	PK	38.7	-21.6	0	42.85	-	-	74	-31.15	-	-	0-360	150	H
5	17.47123	24.09	PK	41.2	-16.5	0	48.79	-	-	-	-	68.2	-19.41	0-360	150	H
2	8.73462	27.92	PK	36.4	-25.5	0	38.82	-	-	-	-	68.2	-29.38	0-360	250	V
4	* 11.6525	25.2	PK	38.7	-21.6	0	42.3	-	-	74	-31.7	-	-	0-360	250	V
6	17.47197	23.97	PK	41.2	-16.5	0	48.67	-	-	-	-	68.2	-19.53	0-360	150	V

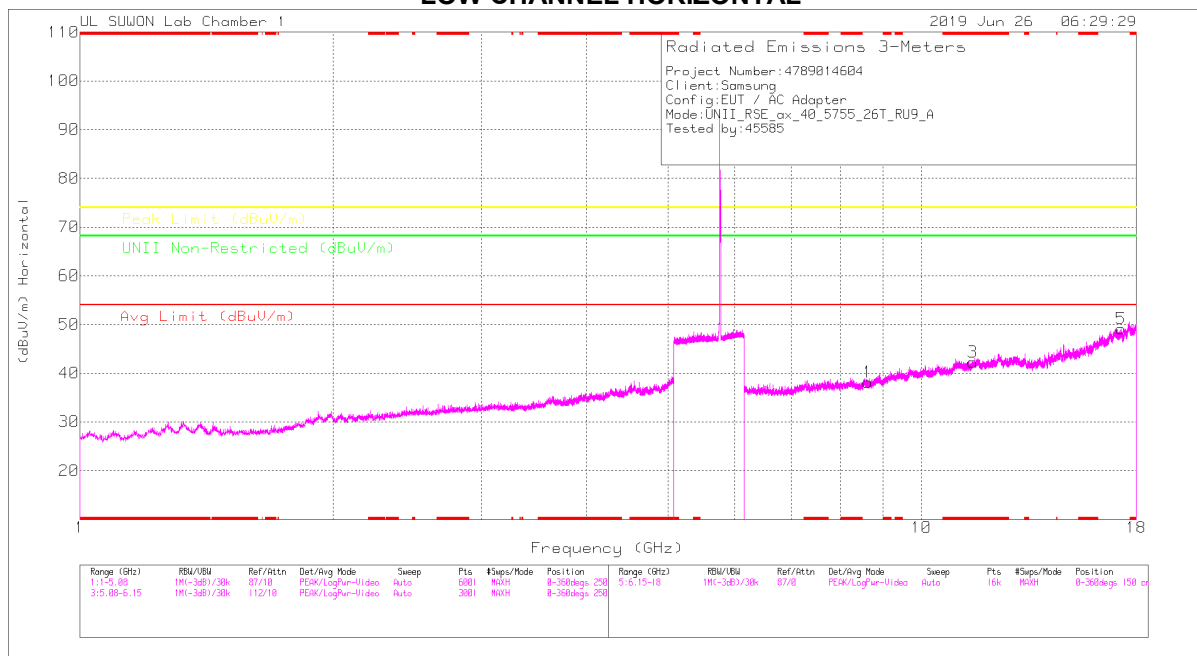
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak detector

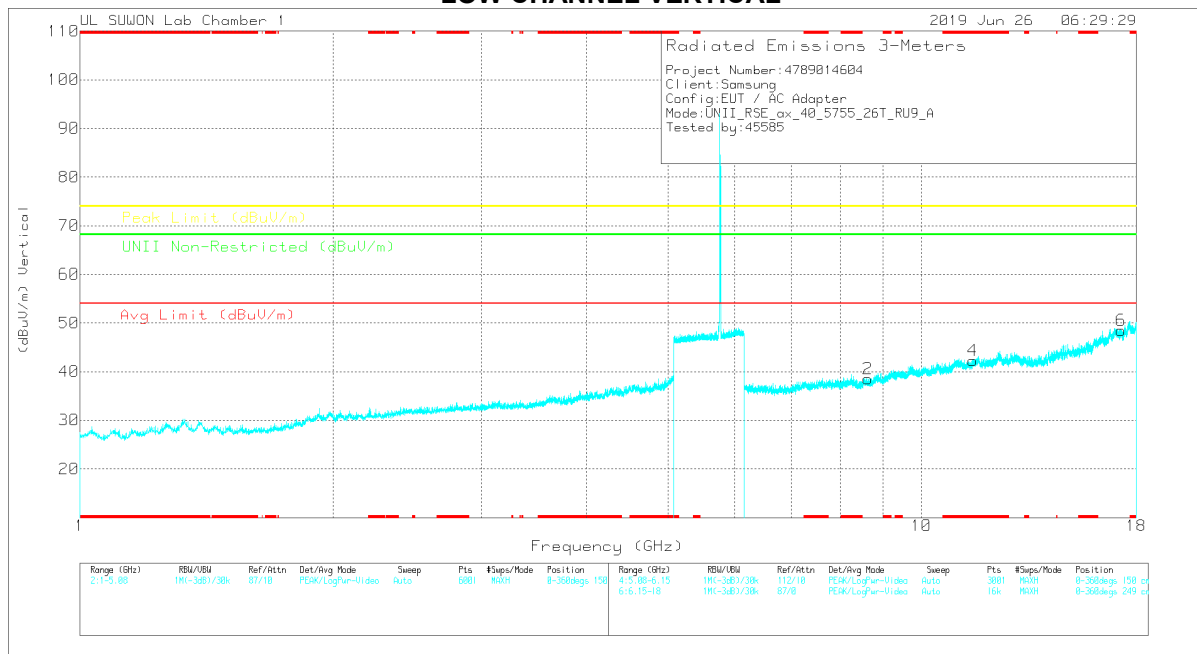
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

HE40 RU mode (MIMO / 26T / Low: 9, High: 9)

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

LOW CHANNEL DATA

Trace Markers

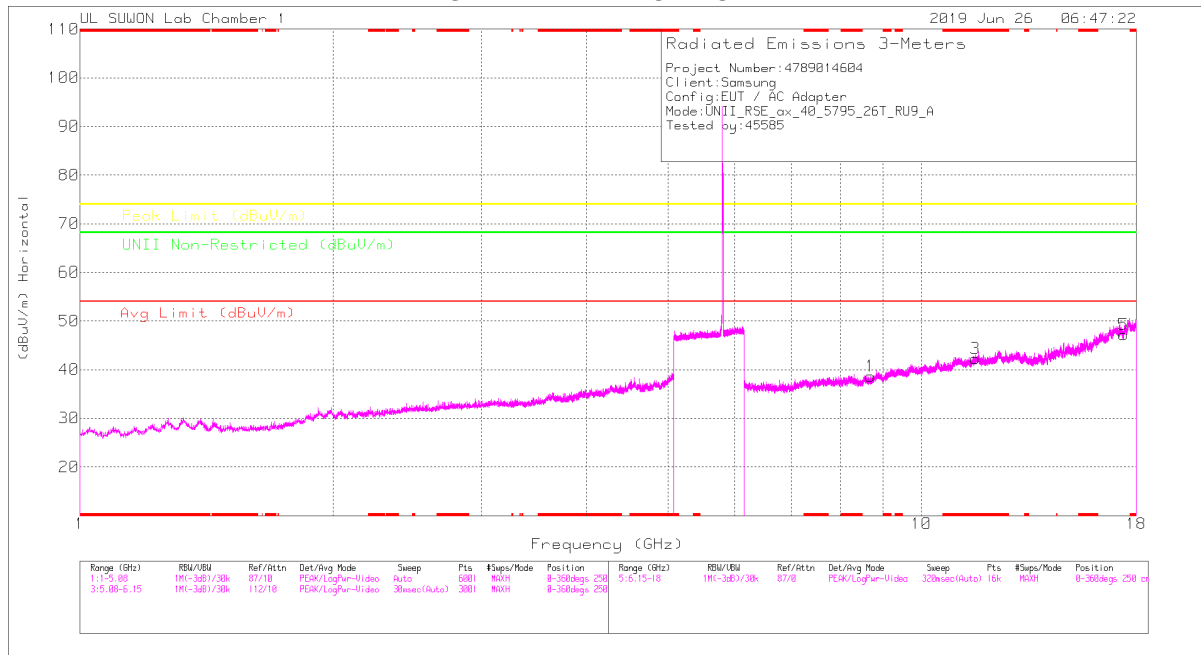
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00166717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.62872	26.58	PK	36.3	-24.7	0	38.18	-	-	-	-	68.2	-30.02	0-360	150	H
3	* 11.51253	26.02	PK	38.5	-22.3	0	42.22	-	-	74	-31.78	-	-	0-360	150	H
5	17.25869	24.29	PK	41.3	-16.5	0	49.09	-	-	-	-	68.2	-19.11	0-360	250	H
2	8.63168	27.06	PK	36.3	-24.8	0	38.56	-	-	-	-	68.2	-29.64	0-360	150	V
4	* 11.51179	26.1	PK	38.5	-22.3	0	42.3	-	-	74	-31.7	-	-	0-360	150	V
6	17.26165	23.7	PK	41.3	-16.5	0	48.5	-	-	-	-	68.2	-19.7	0-360	249	V

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

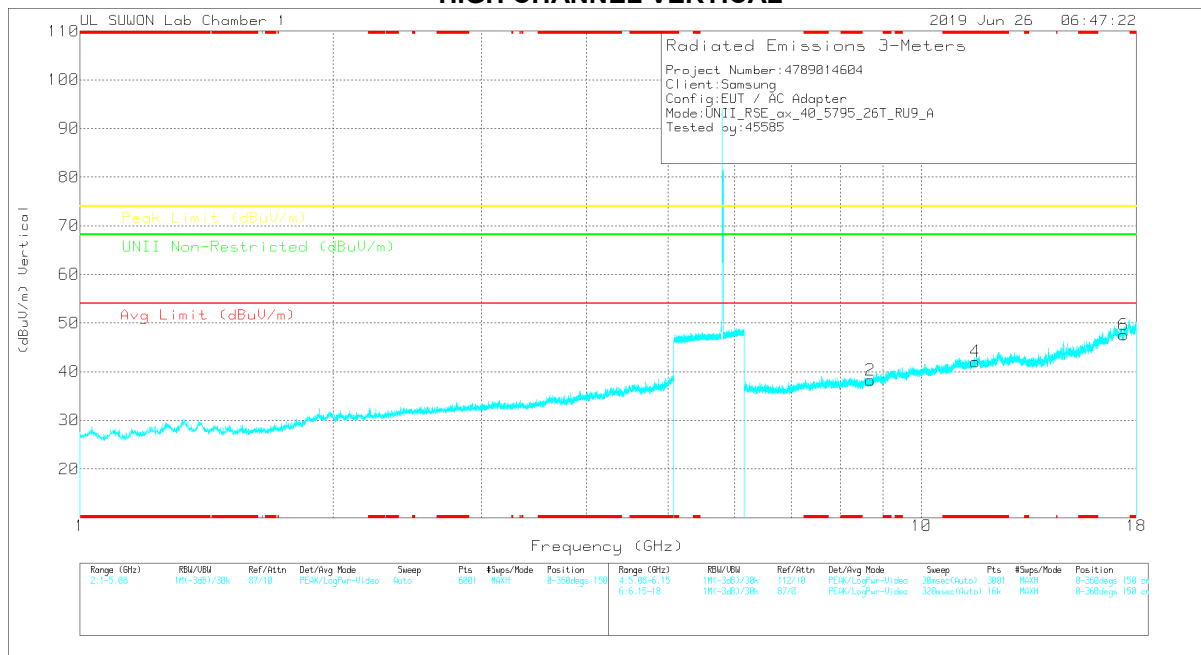
PK – Peak detector

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 40GHz; 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_00166717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (m)	Polarity
1	8.69537	27.77	PK	36.4	-25.5	0	38.67	-	-	-	-	68.2	-29.53	0-360	250	H
3	* 11.59326	26.01	PK	38.6	-22.4	0	42.21	-	-	74	-31.79	-	-	0-360	250	H
5	17.38507	23.21	PK	41.2	-17.2	0	47.21	-	-	-	-	68.2	-20.99	0-360	150	H
2	8.69685	27.38	PK	36.4	-25.5	0	38.28	-	-	-	-	68.2	-29.92	0-360	150	V
4	* 11.59252	25.87	PK	38.6	-22.4	0	42.07	-	-	74	-31.93	-	-	0-360	150	V
6	17.38532	23.59	PK	41.2	-17.2	0	47.59	-	-	-	-	68.2	-20.61	0-360	150	V

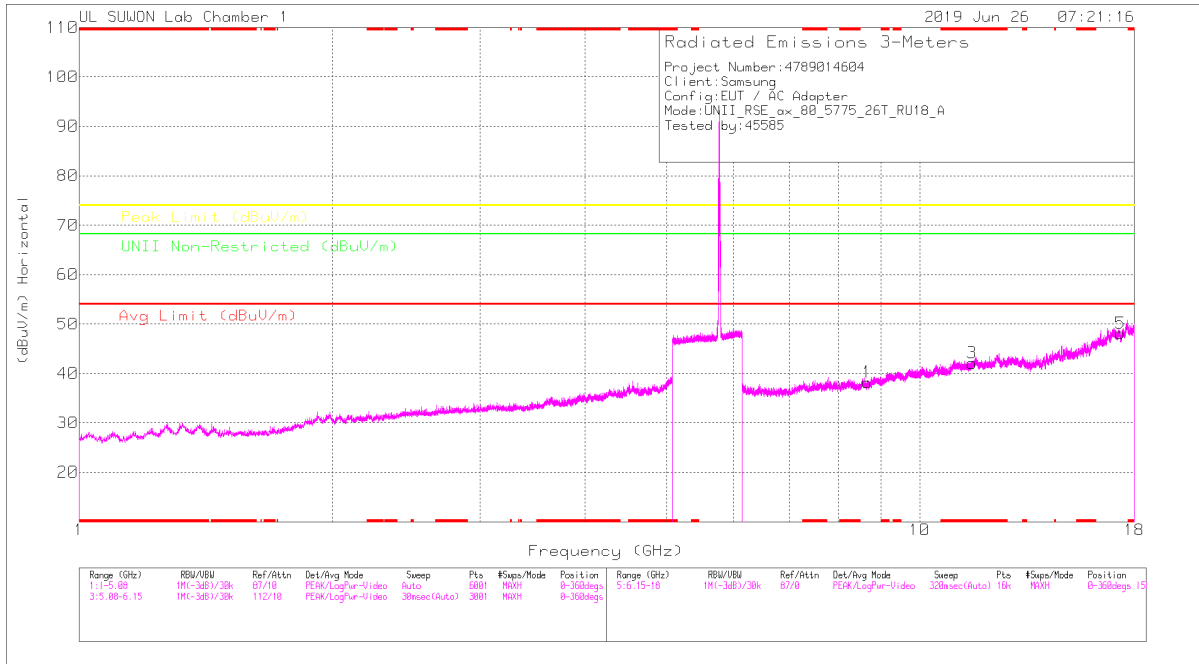
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak detector

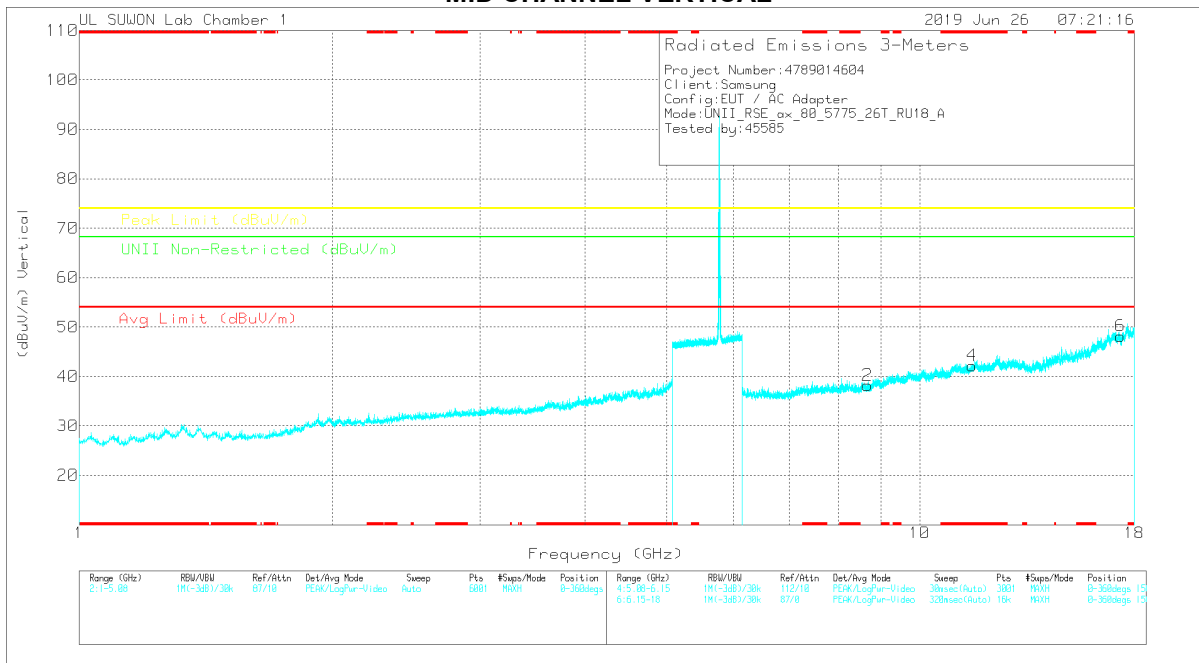
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

HE80 RU mode (MIMO / 26T / Mid: 18)

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; 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_00166717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.66279	27.11	PK	36.4	-25.3	0	38.21	-	-	-	-	68.2	-29.99	0-360	150	H
3	* 11.54364	25.99	PK	38.5	-22.4	0	42.09	-	-	74	-31.91	-	-	0-360	250	H
5	17.32238	23.82	PK	41.3	-17	0	48.12	-	-	-	-	68.2	-20.08	0-360	150	H
2	8.66649	27.21	PK	36.4	-25.4	0	38.21	-	-	-	-	68.2	-29.99	0-360	250	V
4	* 11.55104	26.09	PK	38.6	-22.5	0	42.19	-	-	74	-31.81	-	-	0-360	250	V
6	17.32386	23.98	PK	41.3	-17.1	0	48.18	-	-	-	-	68.2	-20.02	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).

11.9. Spurious Emissions for Simultaneous Transmission

Simultaneous TX Condition

Simultaneous Tx condition - **RSDB**

Mode	# of TX	5GHz		2.4GHz		Test Case
		Ant1	Ant2	Ant1	Ant2	
2.4GHz + 5GHz RSDB Only	2	A	-	-	B	V
	2	-	A	B	-	V
	2	A	-	B	-	-
	2	-	A	-	B	-
2.4GHz + 5GHz RSDB & MIMO	3	A	A	B	-	-
	3	A	A	-	B	-
	3	A	-	B	B	-
	3	-	A	B	B	-
2.4GHz + 5GHz RSDB MIMO	4	A	A	B	B	V

Simultaneous Tx condition - **Bluetooth with 5 GHz WLAN(not RSDB)**

Mode	# of TX	5GHz WLAN		2.4GHz Bluetooth	Test Case
		Ant1	Ant2	Ant1	
2.4GHz Bluetooth +5GHz WLAN (Not RSDB)	2	A	-	B	-
	2	-	A	B	-
	3	A		B	V

11.9.1. Worst test case condition

11.9.1.1. Simultaneous Tx condition

Case1	Antenna 1 2.4 GHz WLAN	Antenna 2 5 GHz WLAN
Mode	802.11b mode	802.11a mode
Channel	11	116
Frequency	2462 MHz	5580 MHz
Data Rate	1 Mbps	6 Mbps
Axis	Y (Worst Case)	

Case2	Antenna 2 2.4 GHz WLAN	Antenna 1 5 GHz WLAN
Mode	802.11b mode	802.11a mode
Channel	1	116
Frequency	2412 MHz	5580 MHz
Data Rate	1 Mbps	6 Mbps
Axis	Z (Worst Case)	

Case3	Antenna ALL 2.4 GHz WLAN	Antenna ALL 5 GHz WLAN
Mode	802.11n(HT20) mode	802.11a mode
Channel	6	116
Frequency	2437 MHz	5580 MHz
Data Rate	MCS 0	6 Mbps
Axis	Y (Worst Case)	

Case4	Antenna 2 2.4 GHz WLAN	Antenna 1 5 GHz WLAN
Mode	802.11ax(HE20) mode	802.11ax(HE20) mode
Channel	1	116
Frequency	2412 MHz	5580 MHz
Data Rate	MCS 0	MCS 0
T.O	26T / 4RU	26T / 4RU
Axis	Y (Worst Case)	

11.9.1.2. Simultaneous Tx condition - Bluetooth with 5 GHz WLAN(not RSDB)

Case5	Antenna 1 2.4 GHz Bluetooth	Antenna ALL 5 GHz WLAN
Mode	BDR	802.11a mode
Channel	39	116
Frequency	2441 MHz	5580 MHz
Data Rate	1M	6 Mbps
Axis	Y (Worst Case)	

NOTE

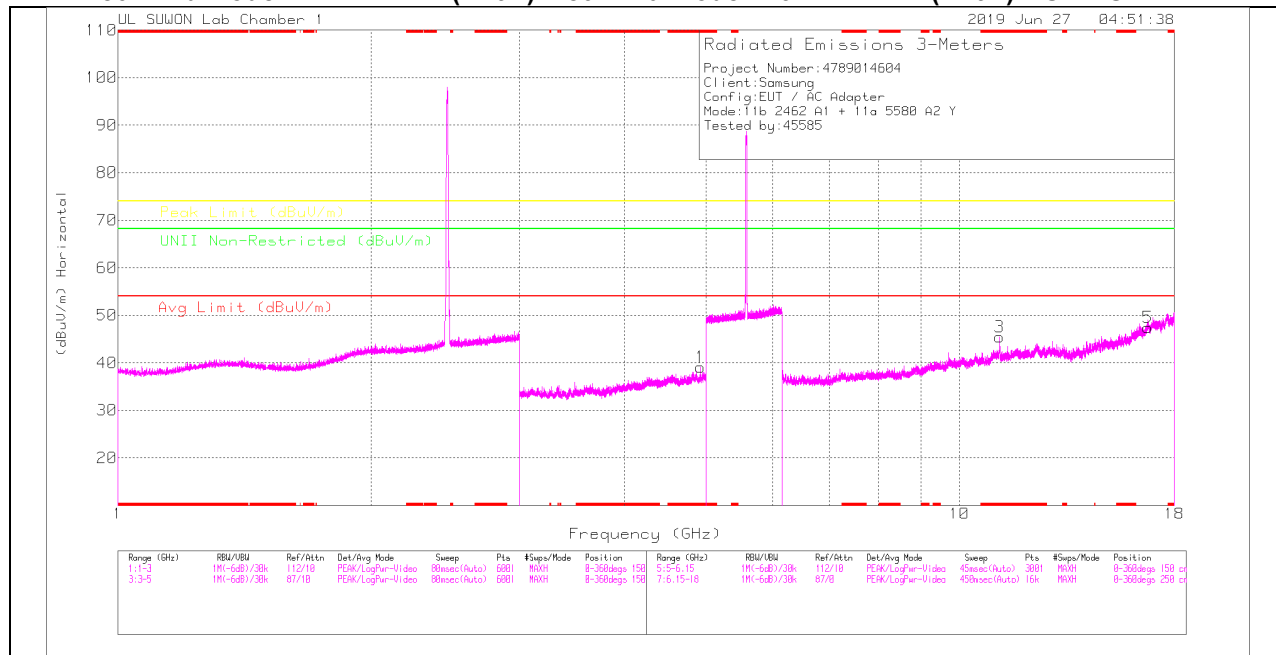
The lowest margin condition among the channels and modes were selected for test.
No significant emission detected and emission levels were lower than stand-alone condition.

11.9.2. Test Results

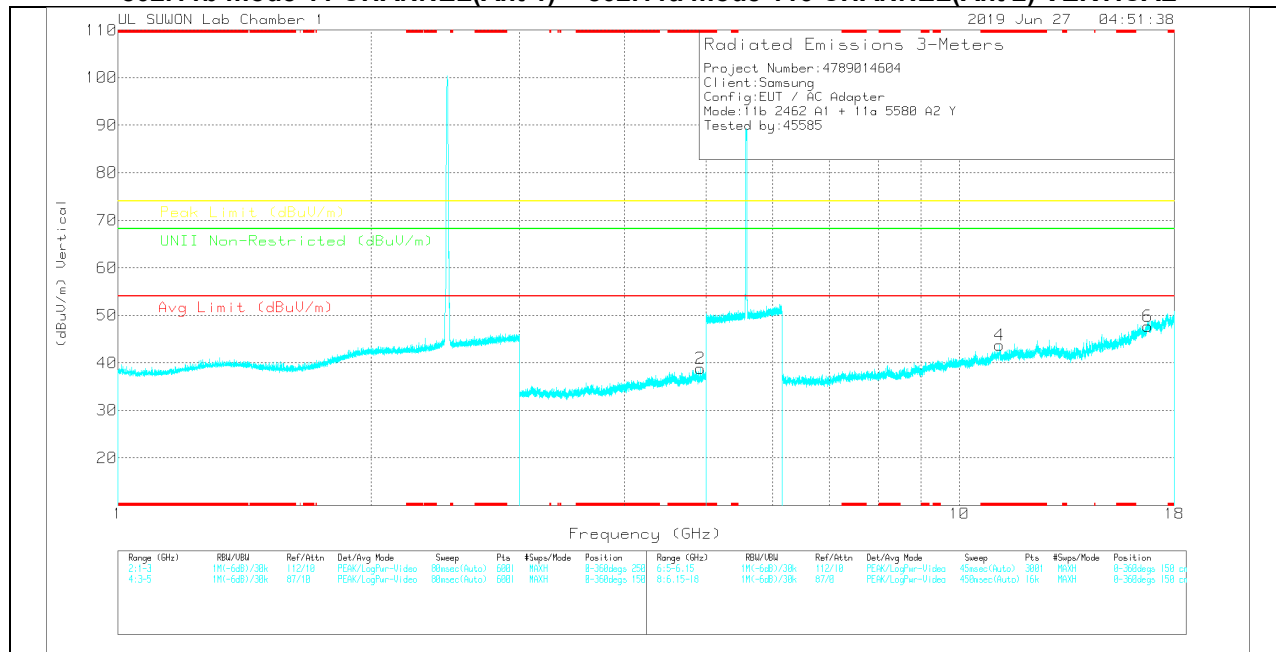
Spurious emission for Simultaneous Transmission

Case1. – Y axis

802.11b mode 11 CHANNEL(Ant 1) + 802.11a mode 116 CHANNEL(Ant 2) HORIZONTAL



802.11b mode 11 CHANNEL(Ant 1) + 802.11a mode 116 CHANNEL(Ant 2) VERTICAL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	60Hz_HF[5dB]	Fixtue Corr (dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/NL Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 4.92433	34.92	PK	34.2	-30.4	4	0	39.12	-	-	74	-34.88	-	-	0-360	150	H
2	* 4.924	34.91	PK	34.2	-30.4	4	0	38.81	-	-	74	-35.19	-	-	0-360	250	V

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	60Hz_HF[5dB]	Fixtue Corr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/NL Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
3	* 11.16224	29.55	PK	38.3	-22.4	0	0	45.45	-	-	74	-28.55	-	-	0-360	150	H
5	16.74028	23.47	PK	41.3	-17.3	0	0	47.47	-	-	-	-	68.2	-20.73	0-360	150	H
4	* 11.16076	27.85	PK	38.3	-22.4	0	0	43.75	-	-	74	-30.25	-	-	0-360	250	V
6	16.73954	23.74	PK	41.3	-17.3	0	0	47.74	-	-	-	-	68.2	-20.46	0-360	150	V

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

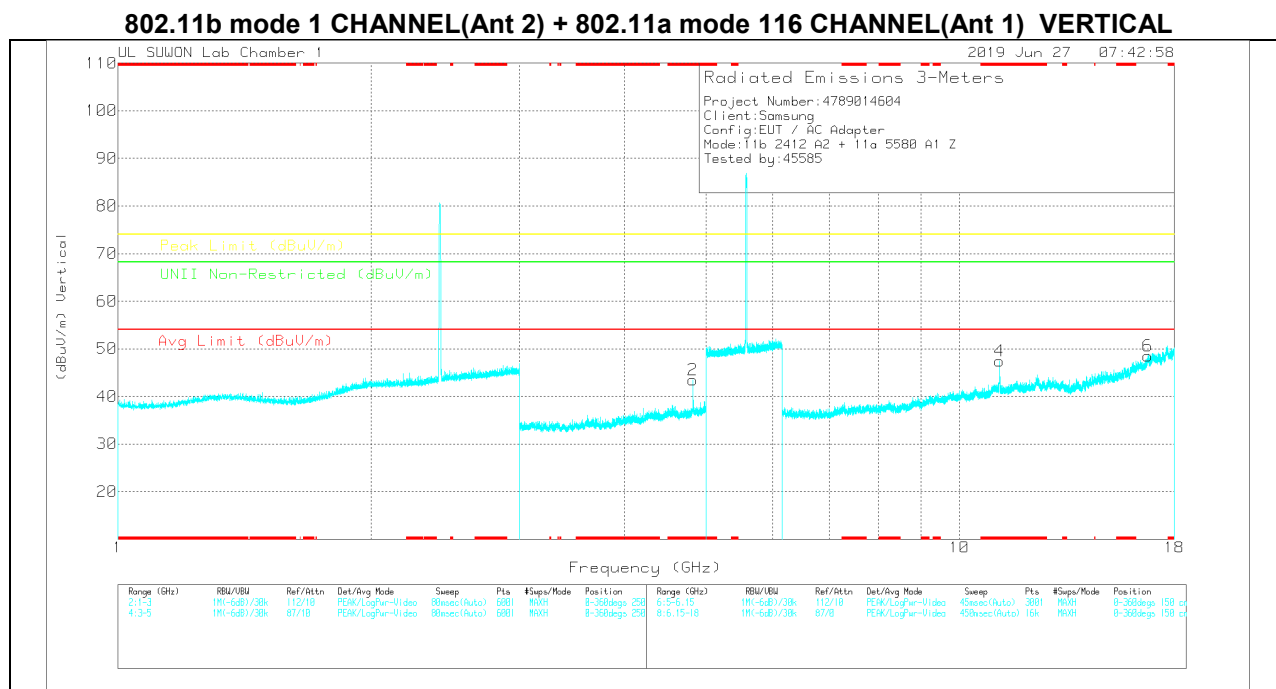
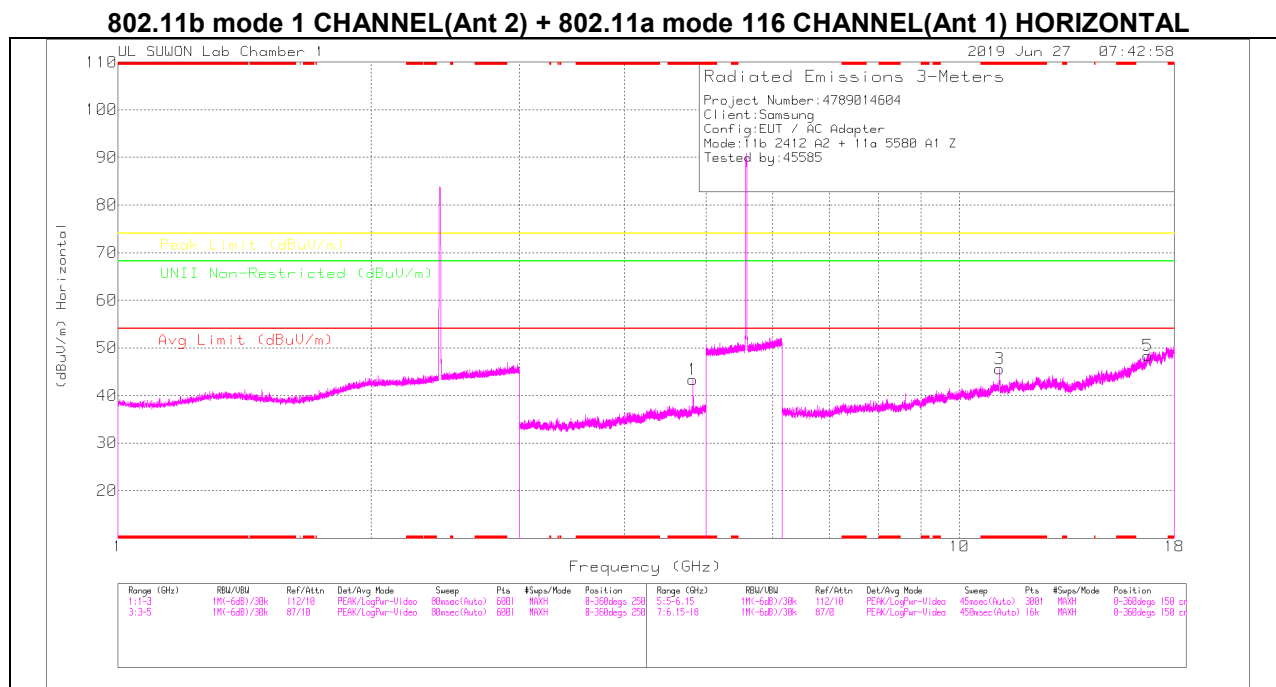
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	60Hz_HF[5dB]	Fixtue Corr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/NL Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 11.1655	38.97	PK-U	38.3	-22.4	0	0	54.87	-	-	74	-19.13	-	-	223	178	H
* 11.16015	28.82	ADR	38.3	-22.4	0	0	42.72	54	-11.28	-	-	-	-	223	178	H
* 11.1666	37.28	PK-U	38.3	-22.4	0	0	53.18	-	-	74	-20.82	-	-	147	178	V
* 11.16065	24.99	ADR	38.3	-22.4	0	0	40.89	54	-13.11	-	-	-	-	147	178	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

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

Case2. – Z axis



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00188717	6GHz_HP(dB)	DTB_Neigh	Fixture Corr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U-NII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Feet)	Height (m)	Polarity
1	* 4.82433	39.08	PK	34.2	-30.3	.4	0	0	43.38	-	-	74	-30.82	-	-	0-360	150	H
2	* 4.824	35.14	PK	34.2	-30.3	.4	0	0	43.44	-	-	74	-30.56	-	-	0-360	150	V

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00188717	6GHz_HP(dB)	DTB_Neigh	Fixture Corr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U-NII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Feet)	Height (m)	Polarity
3	* 11.159002	29.71	PK	38.3	-22.4	0	0	0	45.61	-	-	74	-28.39	-	-	0-360	250	H
5	16.74695	24.57	PK	41.3	-17.3	0	0	0	48.37	-	-	-	-	68.2	-19.83	0-360	250	H
4	* 11.15631	31.54	PK	38.3	-22.4	0	0	0	47.44	-	-	74	-26.56	-	-	0-360	250	V
6	16.74176	24.53	PK	41.3	-17.3	0	0	0	48.53	-	-	-	-	68.2	-19.67	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_00188717	6GHz_HP(dB)	DTB_Neigh	Fixture Corr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U-NII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Feet)	Height (m)	Polarity
* 4.82413	46.65	PK2	34.2	-30.3	.4	0	0	50.95	-	-	74	-23.05	-	-	209	105	H
* 4.82401	41.05	MAV1	34.2	-30.3	.4	0	0	45.35	54	-8.65	-	-	-	-	209	105	H
* 4.82405	44.99	PK2	34.2	-30.3	.4	0	0	49.29	-	-	74	-24.71	-	-	209	146	V
* 4.82407	38.29	MAV1	34.2	-30.3	.4	0	0	42.59	54	-11.41	-	-	-	-	209	146	V

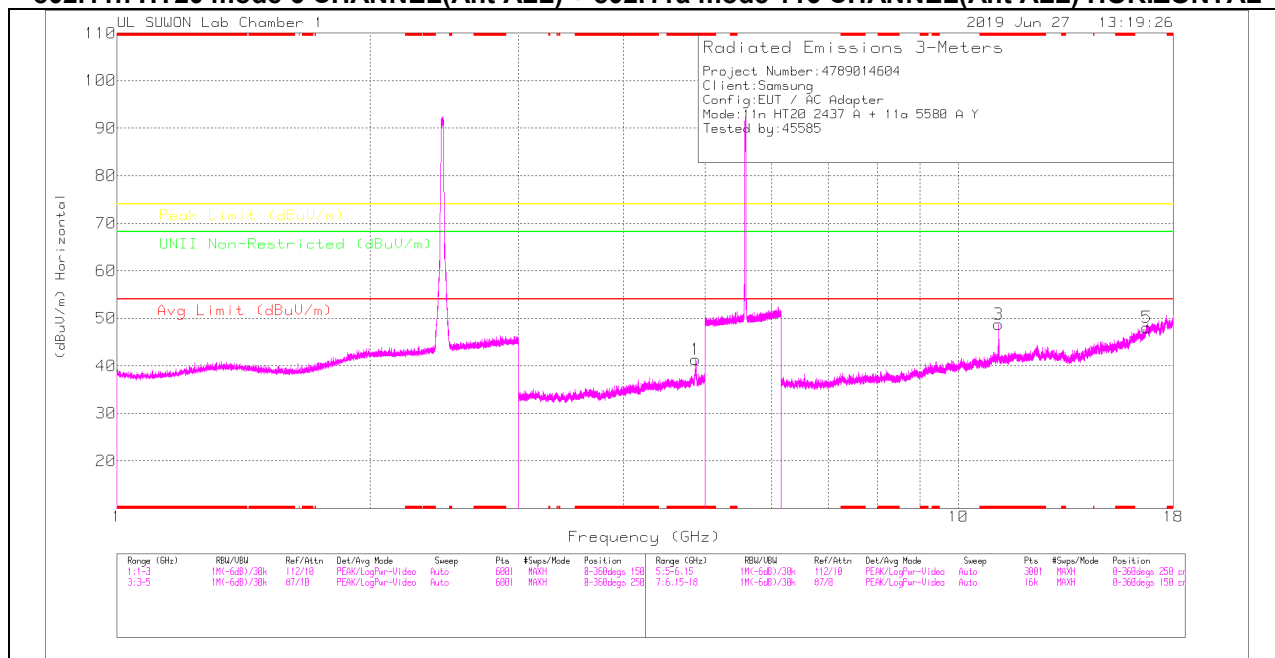
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK2 - KDB558074 Method: Maximum Peak
MAV1 - KDB558074 Option 1 Maximum RMS Average

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00188717	6GHz_HP(dB)	DTB_Neigh	Fixture Corr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U-NII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Feet)	Height (m)	Polarity
* 11.16054	27.71	ADR	38.3	-22.4	0	0	0	43.61	54	-10.39	-	-	-	-	211	210	H
* 11.16114	28.08	ADR	38.3	-22.4	0	0	0	43.98	54	-10.02	-	-	-	-	180	232	V
* 11.15962	40.32	PK-U	38.3	-22.4	0	0	0	56.22	-	-	74	-17.78	-	-	211	210	H
* 11.15962	40.67	PK-U	38.3	-22.4	0	0	0	56.57	-	-	74	-17.43	-	-	180	232	V

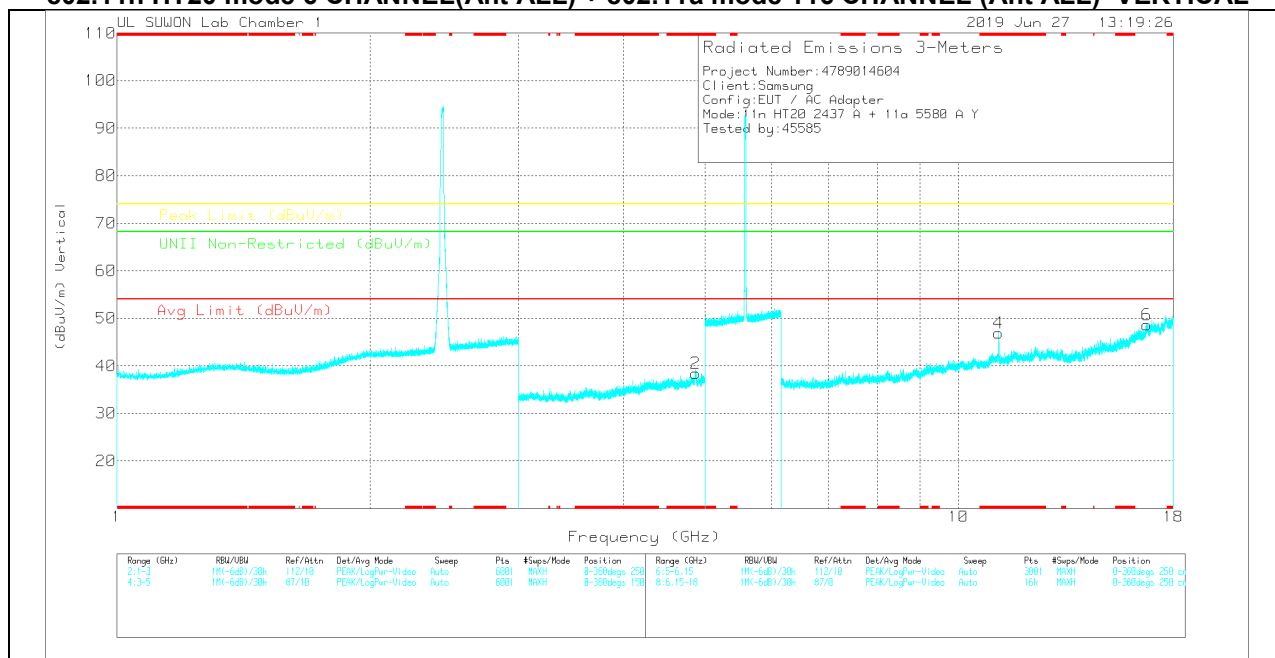
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

Case3. – Y axis

802.11n HT20 mode 6 CHANNEL(Ant ALL) + 802.11a mode 116 CHANNEL(Ant ALL) HORIZONTAL



802.11n HT20 mode 6 CHANNEL(Ant ALL) + 802.11a mode 116 CHANNEL (Ant ALL) VERTICAL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	6GHz_HP[dB]	DTB_Neigh	Fixture Corr (dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	Margin (dB)	UNII Non-Restricted (dBm)	Margin (dB)	Altitude (Feet)	Height (cm)	Polarity
1	* 4.87133	38.79	PK	34.2	-30.1	.4	0	0	41.29	-	-	74	-32.71	-	-	0-360	150	H
2	* 4.87287	33.94	PK	34.2	-30.1	.4	0	0	38.44	-	-	74	-35.56	-	-	0-360	150	V

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	6GHz_HP[dB]	Fixture Corr (dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	Margin (dB)	UNII Non-Restricted (dBm)	Margin (dB)	Altitude (Feet)	Height (cm)	Polarity
3	* 11.16002	-32.94	PK	38.3	-22.4	0	0	49.74	-	-	74	-25.26	-	-	0-360	250	H
5	16.73806	24.06	PK	41.3	-17.3	0	0	48.06	-	-	-	-	68.2	-20.14	0-360	150	H
4	* 11.16002	31	PK	38.3	-22.4	0	0	46.9	-	-	74	-27.1	-	-	0-360	150	V
6	16.7388	24.61	PK	41.3	-17.3	0	0	48.61	-	-	-	-	68.2	-19.59	0-360	150	V

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	6GHz_HP[dB]	DTB_Neigh	Fixture Corr (dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	Margin (dB)	UNII Non-Restricted (dBm)	Margin (dB)	Altitude (Feet)	Height (cm)	Polarity
* 4.86753	43.13	PK2	34.2	-30.1	.4	0	0	47.93	-	-	74	-26.37	-	-	236	195	H
* 4.87385	30.37	MAV1	34.2	-30.1	.4	0	0	34.87	54	-19.13	-	-	-	-	236	195	H
* 4.85465	42.38	PK2	34.2	-30.1	.4	0	0	46.88	-	-	74	-27.12	-	-	190	200	V
* 4.86769	30.16	MAV1	34.2	-30.1	.4	0	0	34.66	54	-19.34	-	-	-	-	190	200	V

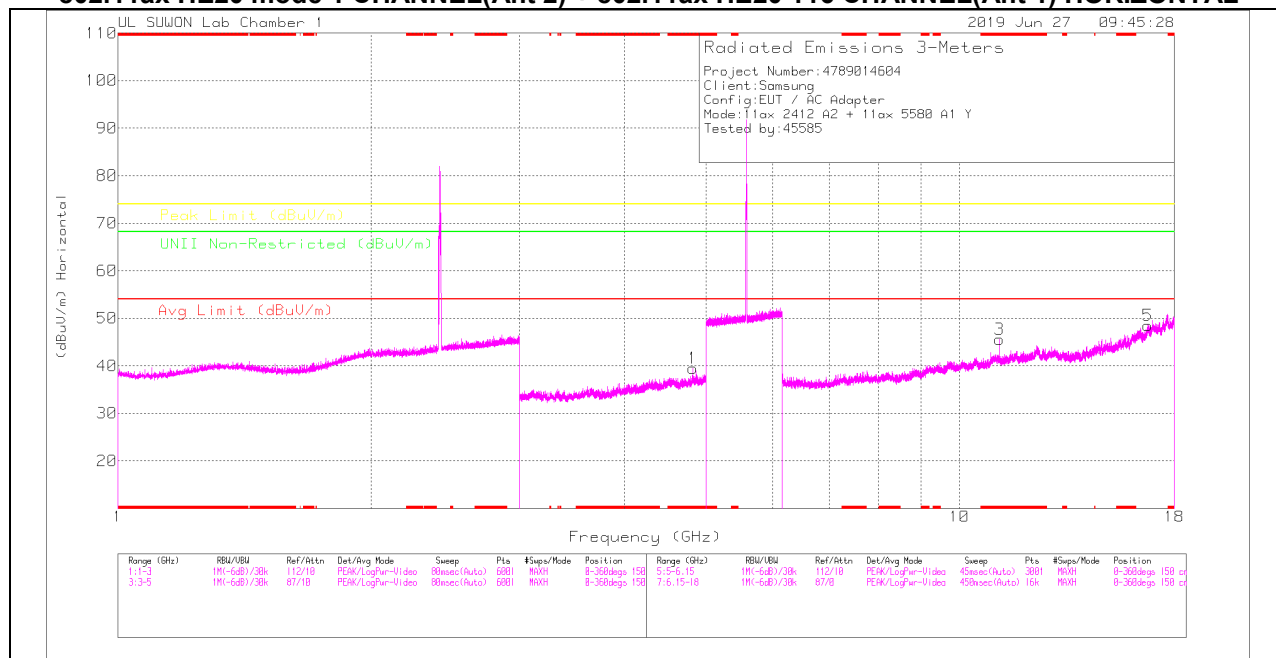
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK2 - KDB558074 Method: Maximum Peak
MAV1 - KDB558074 Option 1 Maximum RMS Average

Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	6GHz_HP[dB]	Fixture Corr (dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	Margin (dB)	UNII Non-Restricted (dBm)	Margin (dB)	Altitude (Feet)	Height (cm)	Polarity
* 11.16038	31.03	ADR	38.3	-22.4	0	0	46.93	54	-7.07	-	-	-	-	191	176	H
* 11.15954	30.71	ADR	38.3	-22.4	0	0	46.61	54	-7.39	-	-	-	-	145	186	V
* 11.16022	43.52	PK-U	38.3	-22.4	0	0	59.42	-	-	74	-14.58	-	-	191	176	H
* 11.1595	43.13	PK-U	38.3	-22.4	0	0	59.03	-	-	74	-14.97	-	-	145	186	V

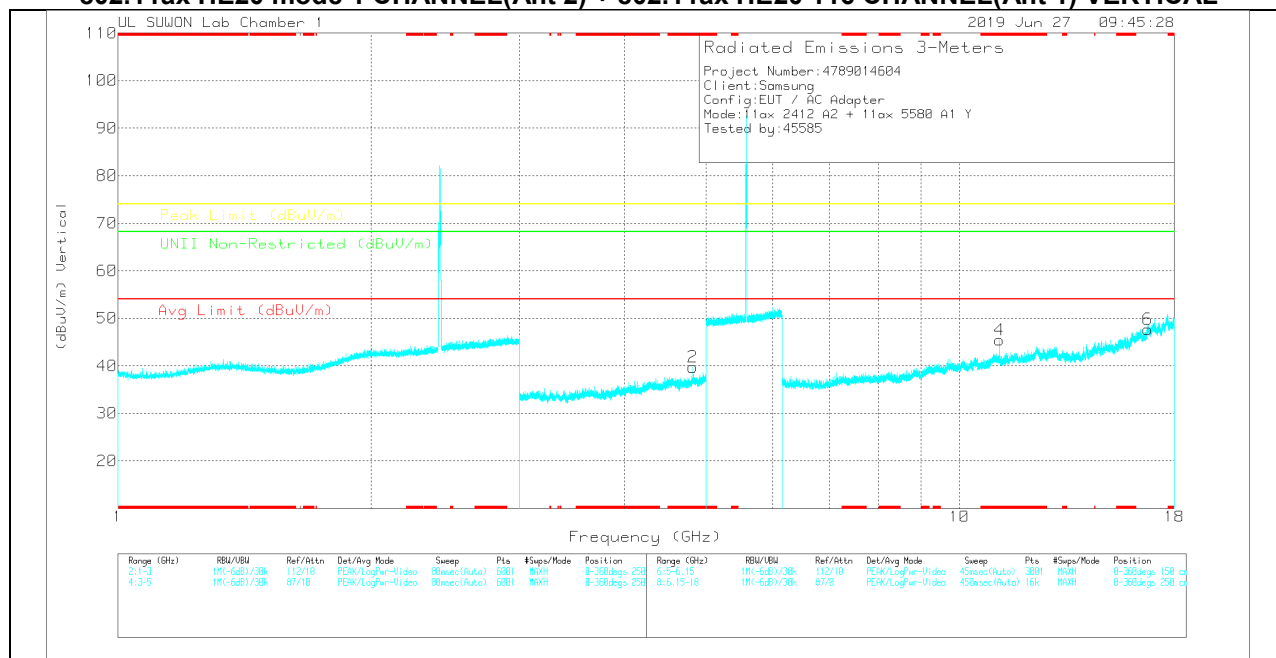
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

Case4. – Y axis

802.11ax HE20 mode 1 CHANNEL(Ant 2) + 802.11ax HE20 116 CHANNEL(Ant 1) HORIZONTAL



802.11ax HE20 mode 1 CHANNEL(Ant 2) + 802.11ax HE20 116 CHANNEL(Ant 1) VERTICAL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_0108717	5GHz_HF5dB	DTB_Neigh	Fixture Corr (dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	Margin (dB)	UHF Non-Restricted (dBm)	Margin (dB)	Altitude (Feet)	Height (cm)	Polarity
1	* 4.82433	35.17	PK	34.2	-30.3	4	0	0	39.47	-	-	74	-34.53	-	-	0-360	250	H
2	* 4.82433	35.4	PK	34.2	-30.3	4	0	0	39.7	-	-	74	-34.3	-	-	0-360	250	V

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_0108717	5GHz_HF5dB	DTB_Neigh	Fixture Corr (dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	Margin (dB)	UHF Non-Restricted (dBm)	Margin (dB)	Altitude (Feet)	Height (cm)	Polarity
3	* 11.16002	29.64	PK	38.3	-22.4	0	0	0	45.54	-	-	74	-28.46	-	-	0-360	250	H
5	16.7398	24.44	PK	41.3	-17.3	0	0	0	48.44	-	-	-	-	68.2	-19.76	0-360	150	H
4	* 11.16002	29.61	PK	38.3	-22.4	0	0	0	45.51	-	-	74	-28.49	-	-	0-360	250	V
6	16.7351	23.73	PK	41.3	-17.3	0	0	0	47.73	-	-	-	-	68.2	-20.47	0-360	250	V

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBm)	Det	3117_0108717	5GHz_HF5dB	DTB_Neigh	Fixture Corr (dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	Margin (dB)	UHF Non-Restricted (dBm)	Margin (dB)	Altitude (Feet)	Height (cm)	Polarity
* 4.82245	48.07	PK2	34.2	-30.3	4	0	0	52.37	-	-	74	-21.63	-	-	236	111	H
* 4.82393	33.78	MAv1	34.2	-30.3	4	0	0	38.08	54	-15.92	-	-	-	-	236	111	H
* 4.82392	47.78	PK2	34.2	-30.3	4	0	0	52.08	-	-	74	-21.92	-	-	169	104	V
* 4.82398	33.65	MAv1	34.2	-30.3	4	0	0	37.95	54	-16.05	-	-	-	-	169	104	V

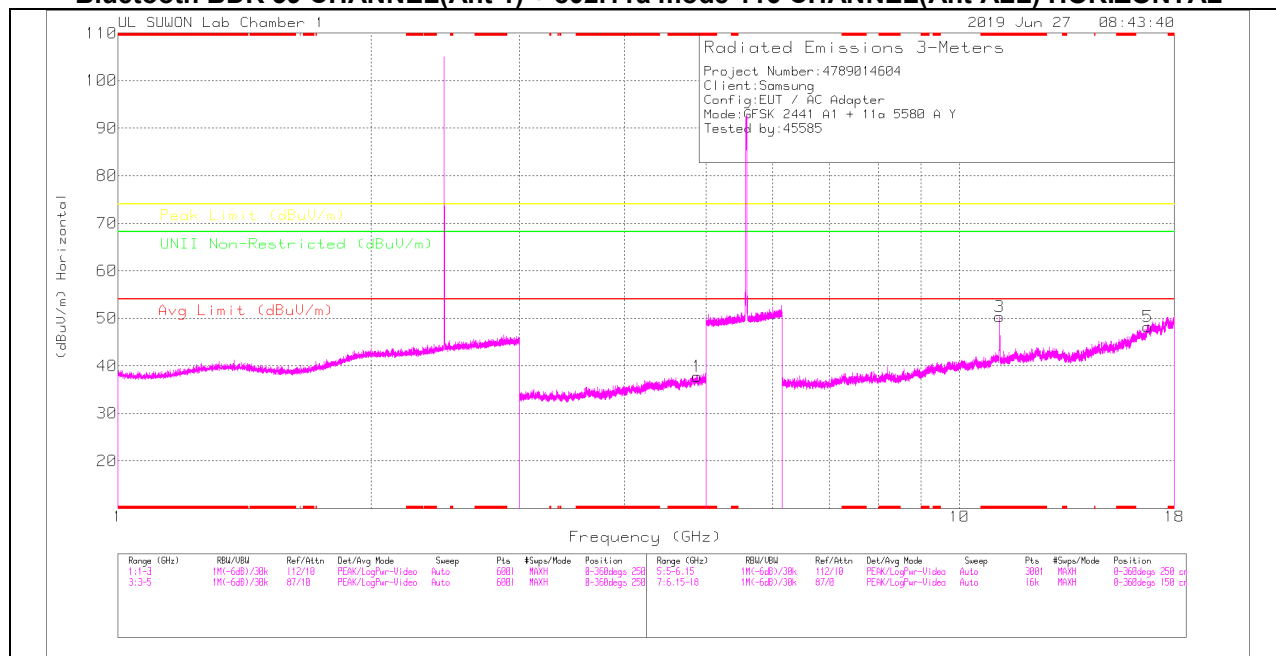
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK2 - KDB558074 Method: Maximum Peak
MAv1 - KDB558074 Option 1 Maximum RMS Average

Frequency (GHz)	Meter Reading (dBm)	Det	3117_0108717	5GHz_HF5dB	DTB_Neigh	Fixture Corr (dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	Margin (dB)	UHF Non-Restricted (dBm)	Margin (dB)	Altitude (Feet)	Height (cm)	Polarity
* 11.16006	26.96	ADR	38.3	-22.4	0	0	0	42.88	54	-11.12	-	-	-	-	198	312	H
* 11.15994	25.53	ADR	38.3	-22.4	0	0	0	41.43	54	-12.57	-	-	-	-	174	182	V
* 11.15818	41.94	PK-U	38.3	-22.4	0	0	0	57.84	-	-	74	-16.16	-	-	198	312	H
* 11.15818	40.21	PK-U	38.3	-22.4	0	0	0	56.11	-	-	74	-17.89	-	-	174	182	V

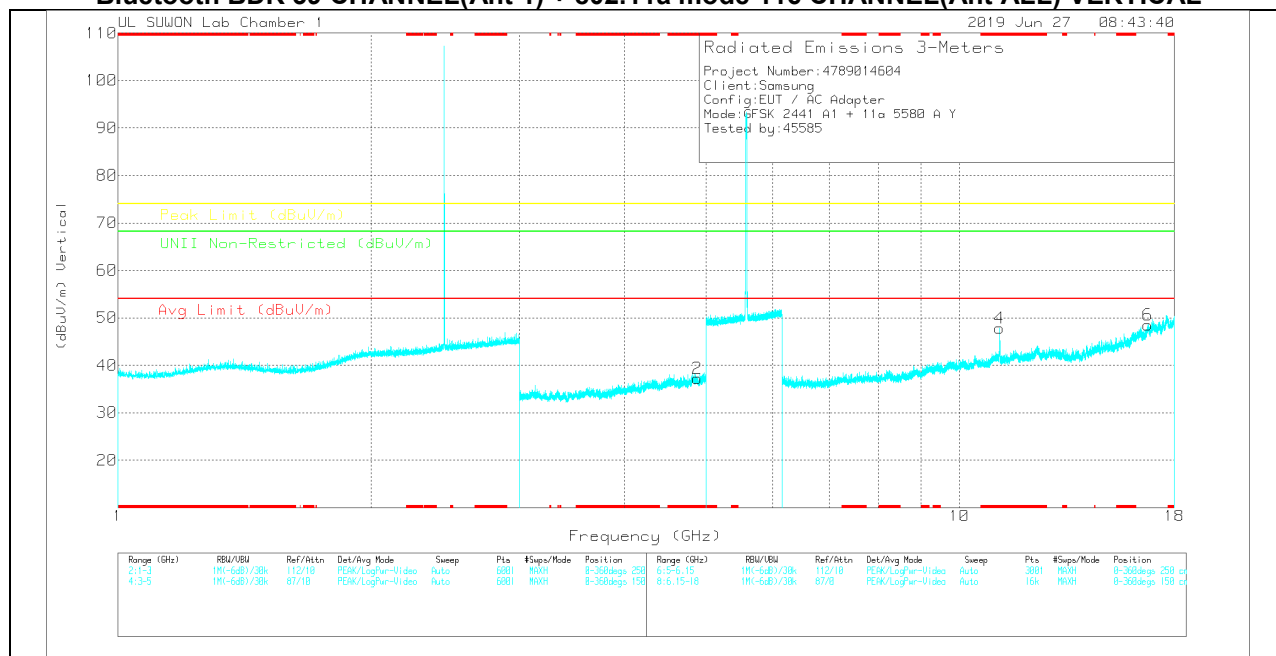
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

Case5. – Y axis

Bluetooth BDR 39 CHANNEL(Ant 1) + 802.11a mode 116 CHANNEL(Ant ALL) HORIZONTAL



Bluetooth BDR 39 CHANNEL(Ant 1) + 802.11a mode 116 CHANNEL(Ant ALL) VERTICAL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	60Hz_HF(dB)	Fature Corr (dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	Margin (dB)	U/NII Non-Restricted (dBm)	Margin (dB)	Altitude (Feet)	Height (m)	Polarity
1	* 4.87933	33.23	PK	34.2	-30.1	4	0	37.73	-	-	74	-36.27	-	-	0-360	150	H
2	* 4.87933	32.78	PK	34.2	-30.1	4	0	37.28	-	-	74	-36.72	-	-	0-360	250	V

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	60Hz_HF(dB)	Fature Corr (dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	Margin (dB)	U/NII Non-Restricted (dBm)	Margin (dB)	Altitude (Feet)	Height (m)	Polarity
3	* 11.15902	34.44	PK	38.3	-22.4	0	0	50.34	-	-	74	-23.66	-	-	0-360	250	H
5	16.7388	24.18	PK	41.3	-17.3	0	0	48.18	-	-	-	-	68.2	-20.02	0-360	250	H
4	* 11.15928	31.99	PK	38.3	-22.4	0	0	47.89	-	-	74	-26.11	-	-	0-360	150	V
6	16.73954	24.49	PK	41.3	-17.3	0	0	48.49	-	-	-	-	68.2	-19.71	0-360	150	V

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBm)	Det	3117_00168717	60Hz_HF(dB)	Fature Corr (dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	Margin (dB)	U/NII Non-Restricted (dBm)	Margin (dB)	Altitude (Feet)	Height (m)	Polarity
* 11.15978	44.74	PK-U	38.3	-22.4	0	0	60.64	-	-	74	-13.36	-	-	192	180	H
* 11.1597	32.27	ADR	38.3	-22.4	0	0	48.17	54	-5.83	-	-	-	-	192	180	H
* 11.15902	42.8	PK-U	38.3	-22.4	0	0	58.7	-	-	74	-15.3	-	-	146	177	V
* 11.15934	30.34	ADR	38.3	-22.4	0	0	46.24	54	-7.76	-	-	-	-	146	177	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

12. WORST-CASE BELOW 1 GHz

SPURIOUS EMISSIONS 30 TO 1000 MHz

Note.

Please refer to the FCC Report UNII 802.11a_n_ac DFS WLAN Clause 12.
(Report No.: 4789014604-E8)

13. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)
IC RSS-GEN Clause 8.8

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

Note.

Please refer to the FCC Report UNII 802.11a_n_ac DFS WLAN Clause 13.
(Report No.: 4789014604-E8)

Appendixes

Refer to separated files for the following appendixes.

4789014604-E9V2 FCC Test setup photo UNII 802.11ax WLAN_App A

4789014604-E9V2 FCC DUTY test plots UNII 802.11ax WLAN_App B

4789014604-E9V2 FCC 26 dB_6dB BW test plots UNII 802.11ax WLAN_App C

4789014604-E9V2 FCC POWER_PPSD test plots UNII 802.11ax WLAN_App D

END OF REPORT

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