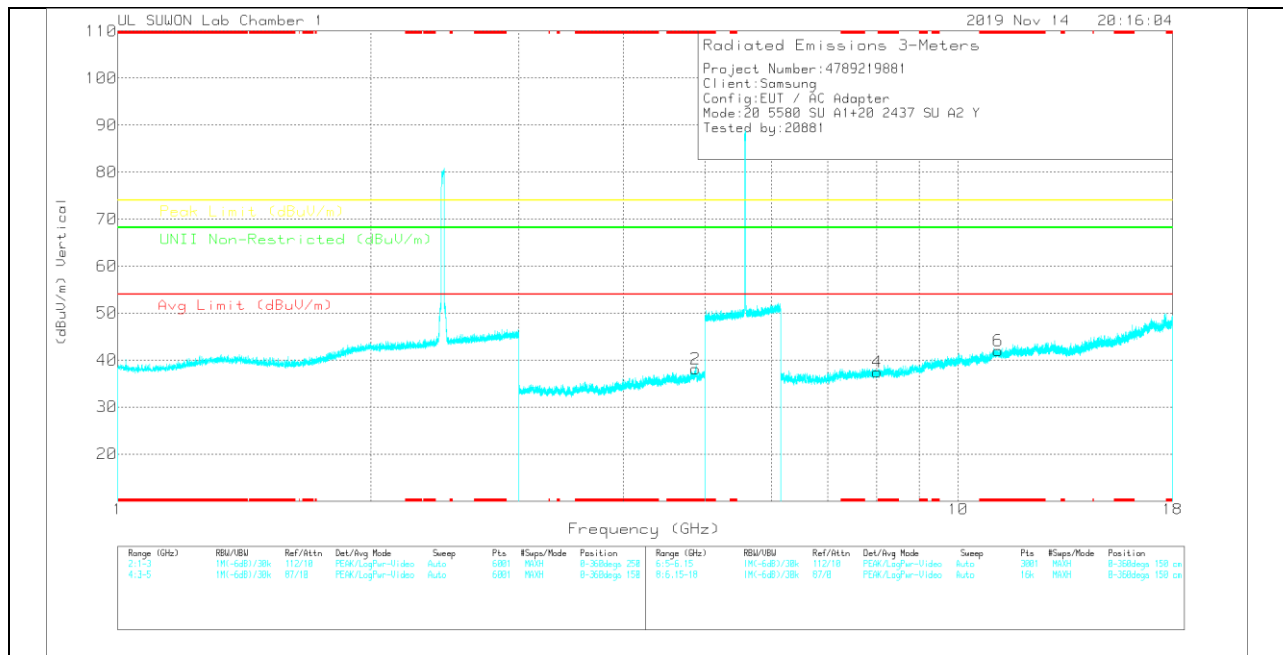
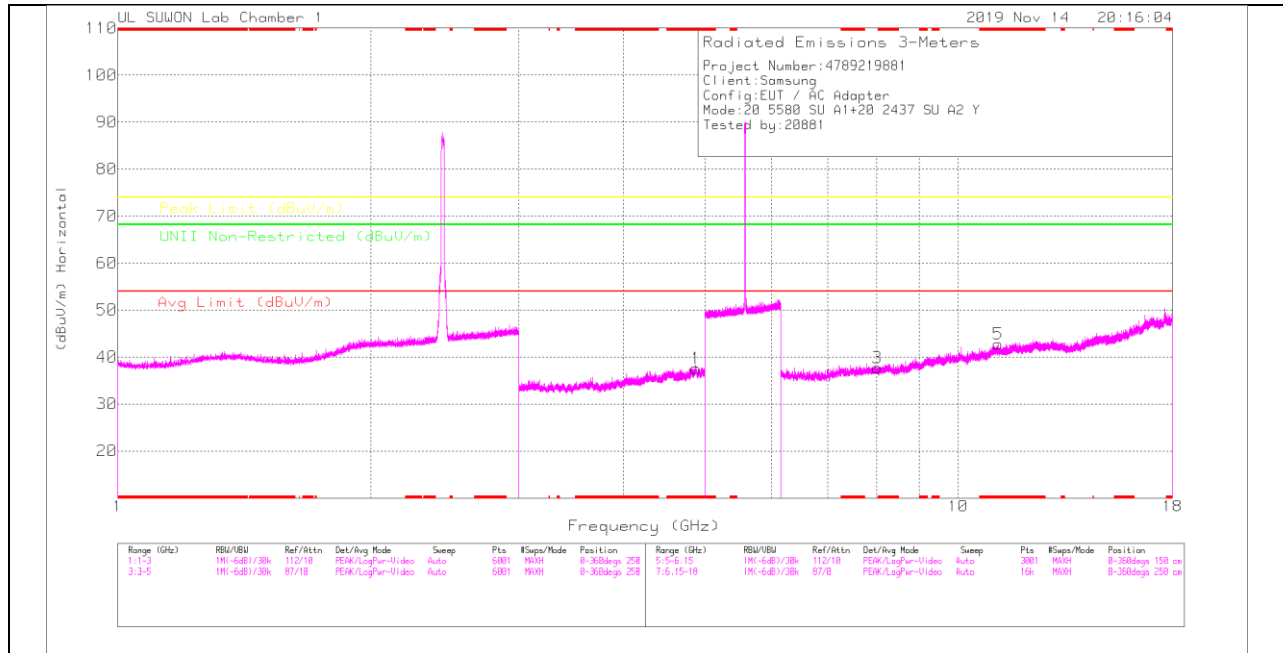


Case5. – Y axis



Trace Markers

Marker	Frequency (GHz)	Mean Reading (dBm)	Det	3117_00180717	5GHz_LF(SM)	DTS_Next(dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBmV/m)	Margin (dB)	Peak Limit (dBmV/m)	Margin (dB)	Limit Non-Restricted (dBmV/m)	Margin (dB)	Altitude (Feet)	Height (Feet)	Polarity
1	* 4.87533	33.31	PK	34.2	-30.2	.3	0	37.63	-	-	74	-36.39	-	-	0-300	150	H
2	* 4.81486	33.89	PK	34.2	-30.2	.3	0	38.19	-	-	74	-35.89	-	-	0-300	150	V

Marker	Frequency (GHz)	Mean Reading (dBm)	Det	3117_00180717	6GHz_HF(SM)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBmV/m)	Margin (dB)	Peak Limit (dBmV/m)	Margin (dB)	Limit Non-Restricted (dBmV/m)	Margin (dB)	Altitude (Feet)	Height (Feet)	Polarity
3	8.01478	27.78	PK	36.1	-26.2	0	37.68	-	-	-	-	68.2	-30.52	0-350	250	H
5	* 11.151854	27.09	PK	38.3	-22.6	0	42.79	-	-	74	-31.21	-	-	0-350	250	H
4	8.01626	27.11	PK	36.1	-26.3	0	37.51	-	-	-	-	68.2	-30.69	0-350	250	V
6	* 11.151828	26.23	PK	38.3	-22.6	0	41.93	-	-	74	-32.07	-	-	0-350	250	V

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

PK – Peak Detector

Radiated Emissions

Frequency (GHz)	Mean Reading (dBm)	Det	3117_00180717	5GHz_LF(SM)	DTS_Next(dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBmV/m)	Margin (dB)	Peak Limit (dBmV/m)	Margin (dB)	Limit Non-Restricted (dBmV/m)	Margin (dB)	Altitude (Feet)	Height (Feet)	Polarity
* 4.86621	41.79	PK2	34.2	-30.2	.3	0	46.09	-	-	74	-27.91	-	-	118	262	H
* 4.86625	29.96	MAV1	34.2	-30.2	.3	.4	34.66	54	-19.34	-	-	-	-	118	262	H
* 4.86197	42.55	PK2	34.2	-30.2	.3	0	46.05	-	-	74	-27.15	-	-	244	128	V
* 4.86577	29.95	MAV1	34.2	-30.2	.3	.4	34.65	54	-19.35	-	-	-	-	244	128	V

Frequency (GHz)	Mean Reading (dBm)	Det	3117_00180717	6GHz_HF(SM)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBmV/m)	Margin (dB)	Peak Limit (dBmV/m)	Margin (dB)	Limit Non-Restricted (dBmV/m)	Margin (dB)	Altitude (Feet)	Height (Feet)	Polarity
8.01284	36.53	PK2	36.1	-26.1	0	46.33	-	-	-	-	68.2	-21.87	0	100	H
8.01569	36.53	PK2	36.1	-26.3	0	46.33	-	-	-	-	68.2	-21.87	0	100	V
* 11.15802	34.23	PK-U	38.3	-22.6	0	49.93	-	-	74	-24.07	-	-	0	100	H
* 11.16015	34.25	PK-U	38.3	-22.6	0	49.95	-	-	74	-24.05	-	-	0	100	V

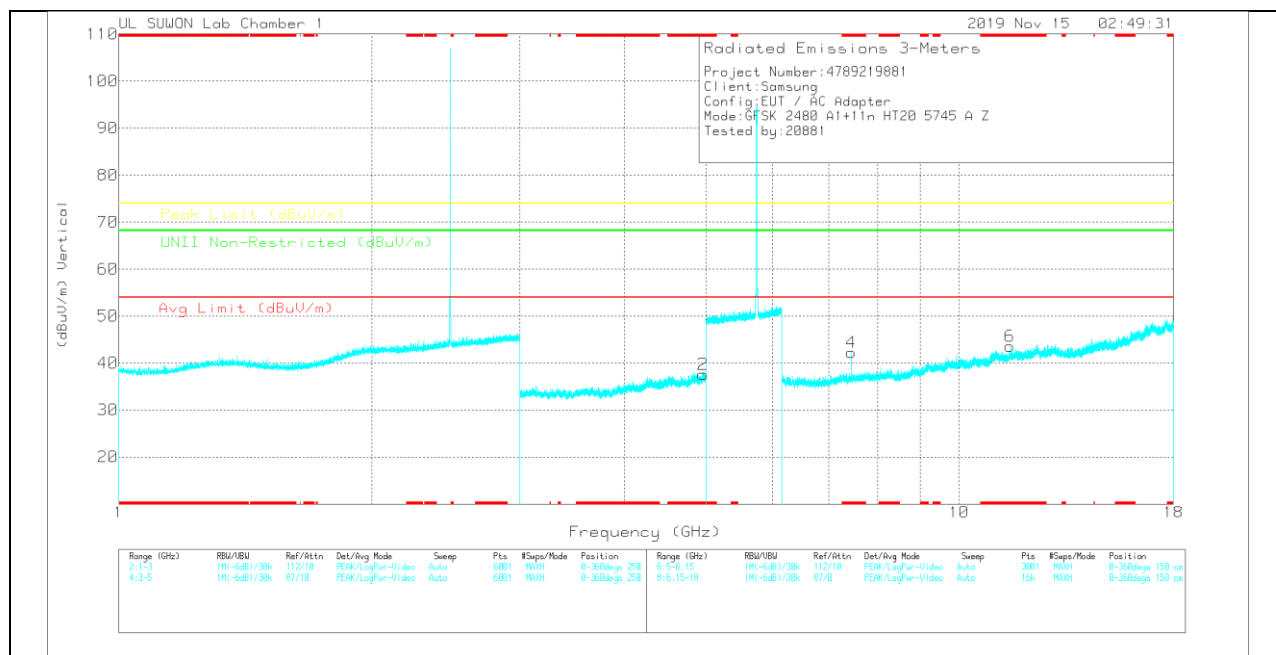
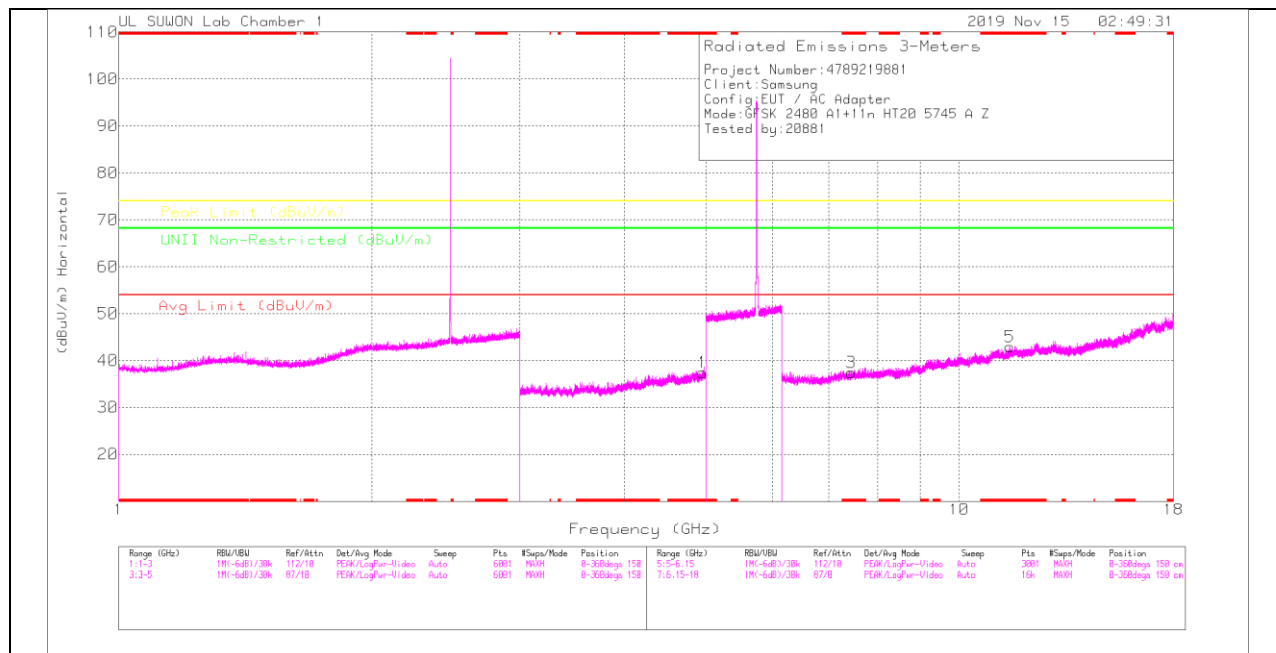
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

PK-U - U-NII: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Case6. - Z axis



Trace Markers

Marker	Frequency (GHz)	Mask Reading (dBm)	Det	3117_00168717	5GHz_LP(dB)	DTS_Noise(dB)	Corrected Reading (dBm)	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	* 4.959	33.24	PK	34.2	-30.3	.3	37.44	-	-	74	-36.56	-	-	0-360	150	H
2	* 4.95966	33.33	PK	34.2	-30.3	.3	37.53	-	-	74	-36.47	-	-	0-360	150	V

Marker	Frequency (GHz)	Mask Reading (dBm)	Det	3117_00168717	6GHz_HP(dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
3	* 7.44379	29.02	PK	35.8	-27.4	37.42	-	-	74	-36.58	-	-	0-360	250	H
5	* 11.48957	26.68	PK	38.5	-22.3	42.88	-	-	74	-31.12	-	-	0-360	150	H
4	* 7.44009	33.96	PK	35.8	-27.5	42.26	-	-	74	-31.74	-	-	0-360	250	V
6	* 11.48957	27.44	PK	38.5	-22.3	43.64	-	-	74	-30.36	-	-	0-360	250	V

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

PK – Peak Detector

Radiated Emissions

Frequency (GHz)	Mask Reading (dBm)	Det	3117_00168717	5GHz_LP(dB)	DTS_Noise(dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 4.95785	40.31	PKFH	34.2	-30.4	.3	44.41	-	-	74	-29.59	-	-	0	100	H
* 4.95099	40.17	PKFH	34.2	-30.3	.3	44.37	-	-	74	-29.63	-	-	0	100	V

Frequency (GHz)	Mask Reading (dBuV)	Det	3117_00168717	6GHz_HP(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
* 7.43826	36.55	PKFH	35.8	-27.5	44.85	-	-	74	-29.15	-	-	297	100	H
* 7.43986	26.91	VA1T	35.8	-27.5	35.21	54	-18.79	-	-	-	-	297	100	H
* 7.4397	39.73	PKFH	35.8	-27.5	49.03	-	-	74	-25.97	-	-	175	286	V
* 7.44012	31.97	VA1T	35.8	-27.5	40.27	54	-13.73	-	-	-	-	175	286	V
* 11.48943	29.96	PK-U	38.5	-22.3	46.16	-	-	74	-27.84	-	-	203	101	H
* 11.48952	24.74	ADR	38.5	-22.3	40.94	54	-13.06	-	-	-	-	203	101	H
* 11.49177	37.95	PK-U	38.5	-22.4	54.05	-	-	74	-19.95	-	-	217	204	V
* 11.4894	25.72	ADR	38.5	-22.3	41.92	54	-12.08	-	-	-	-	217	204	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

PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

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
(Report No.: 4789219881-E7)

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
(Report No.: 4789219881-E7)

END OF REPORT