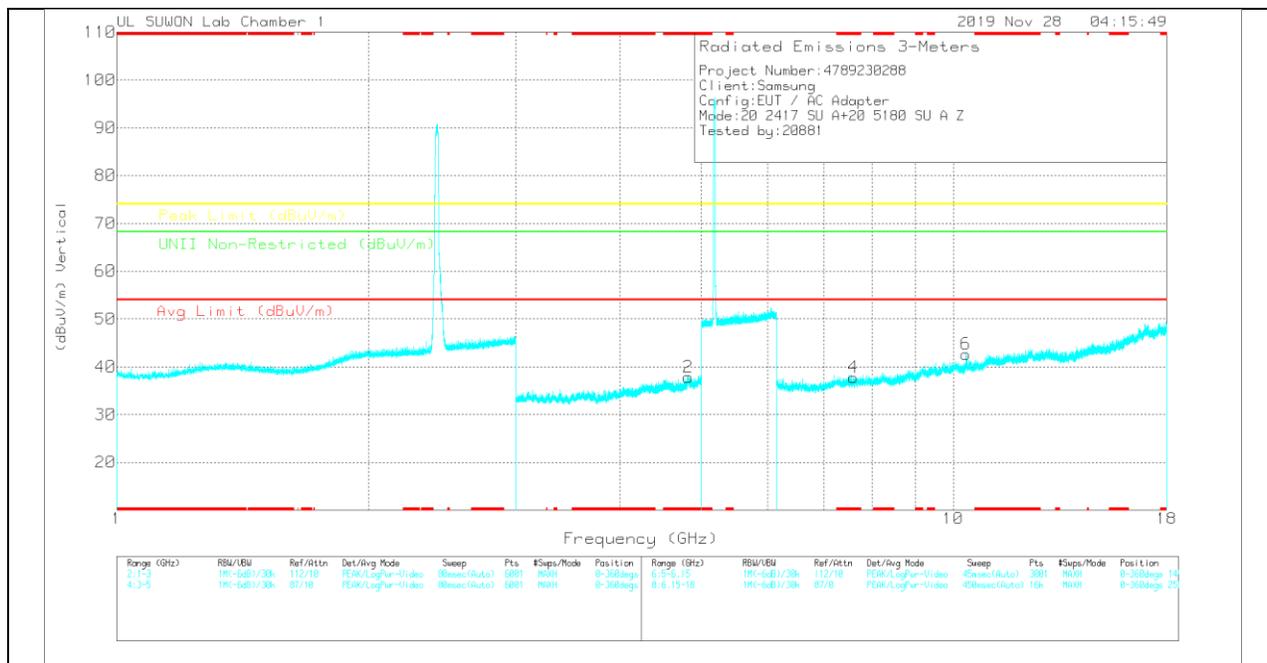
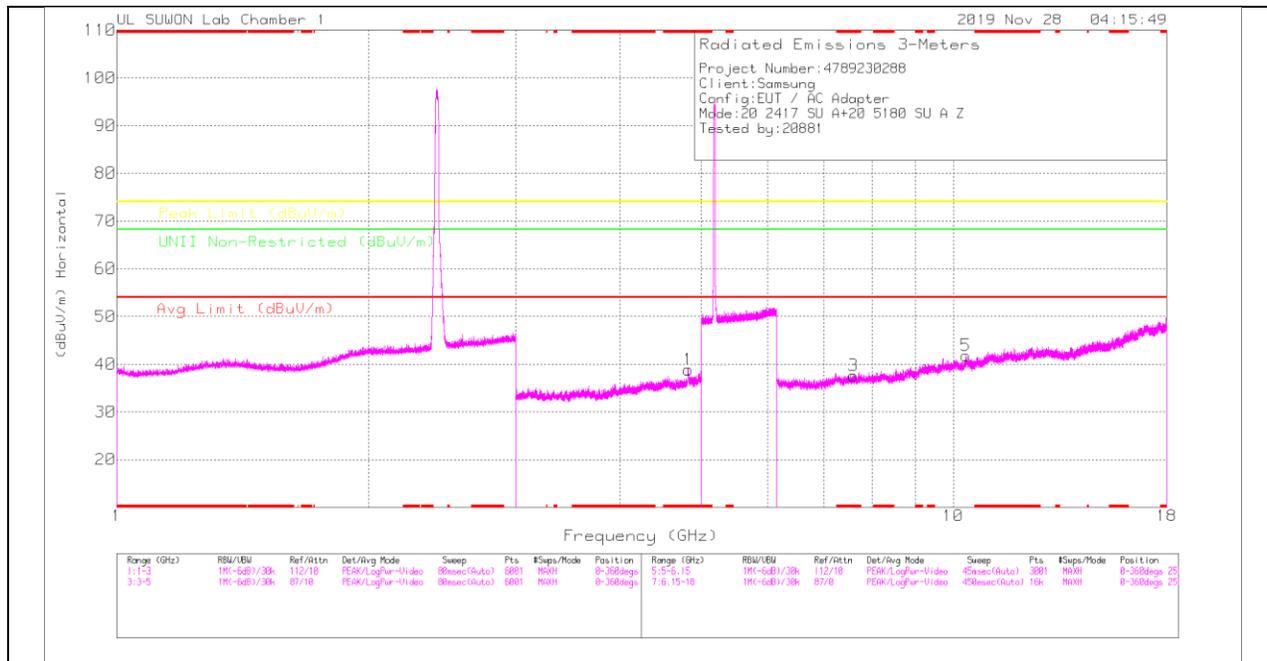


Case5. - Z axis



Trace Markers

Marker	Frequency (GHz)	Mask Reading (dBm)	Det	3117_00168717	50Hz_LF1(dB)	DTS_Noise(dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (m)	Polarity
1	*4.821	35.66	PK	34.2	-30.7	.3	0	38.96	-	-	74	-35.14	-	-	0-360	149	H
2	*4.821	34.02	PK	34.2	-30.7	.3	0	37.82	-	-	74	-36.18	-	-	0-360	250	V

Marker	Frequency (GHz)	Mask Reading (dBm)	Det	3117_00168717	60Hz_HF1(dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (m)	Polarity
3	*7.59339	28.63	Avg	35.8	-26.8	0	37.63	-	-	74	-36.37	-	-	0-360	250	H
5	10.35427	28.51	Avg	37.6	-22.3	0	41.81	-	-	-	-	68.2	-26.39	0-360	250	H
4	*7.59339	28.78	Avg	35.8	-26.8	0	37.78	-	-	74	-36.22	-	-	0-360	149	V
6	10.36019	27.34	Avg	37.6	-22.3	0	42.64	-	-	-	-	68.2	-25.56	0-360	250	V

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

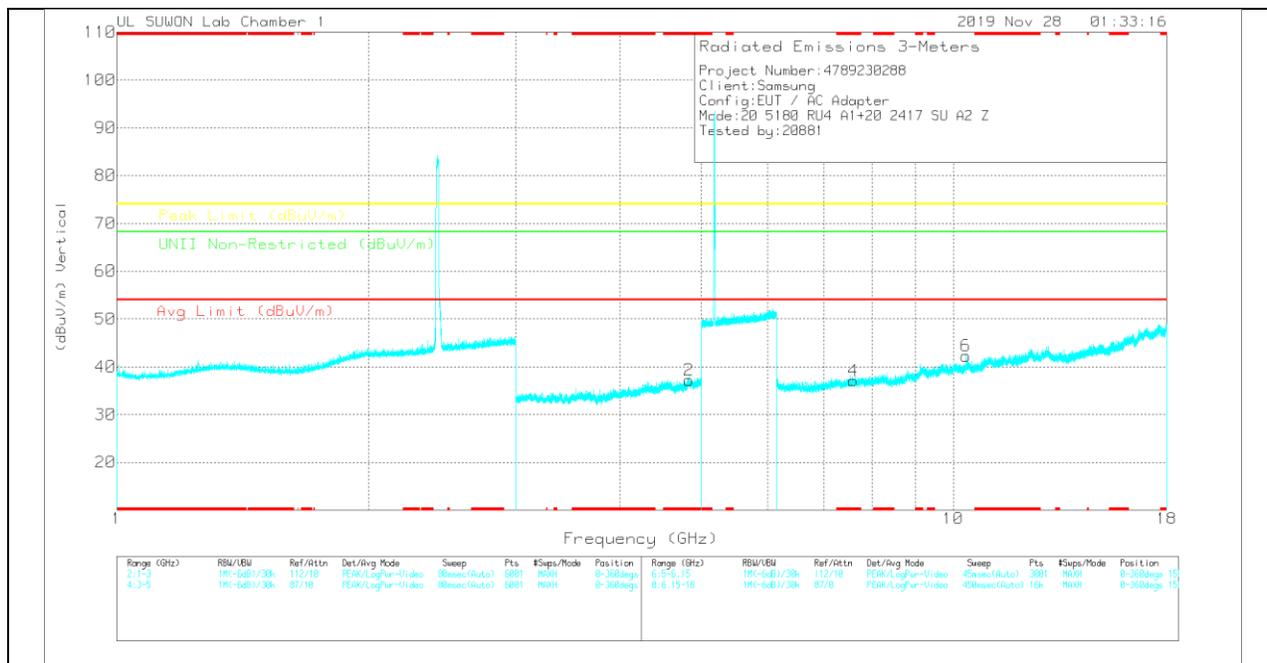
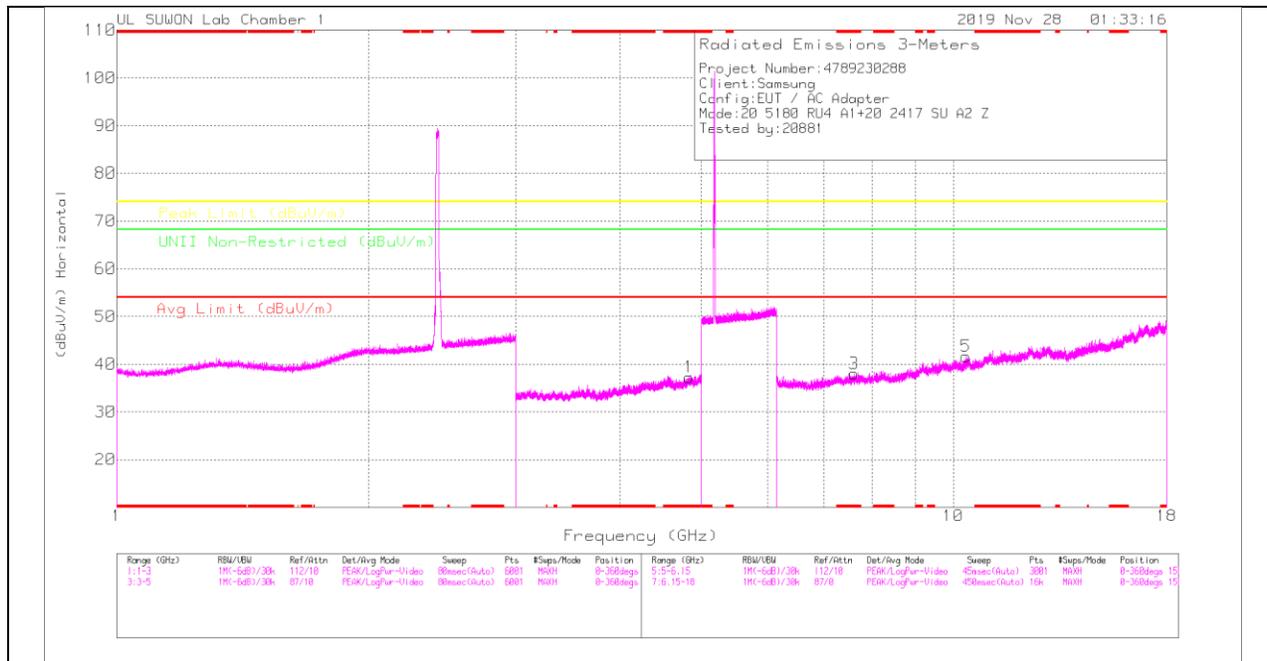
Radiated Emissions

Frequency (GHz)	Mask Reading (dBm)	Det	3117_00168717	50Hz_LF1(dB)	DTS_Noise(dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (m)	Polarity
*4.81605	45.6	PK2	34.2	-30.8	.3	0	49.3	-	-	74	-24.7	-	-	201	100	H
*4.81983	32.63	MAV1	34.2	-30.7	.3	.4	36.83	54	-17.17	-	-	-	-	201	100	H
*4.82296	44.53	PK2	34.2	-30.7	.3	0	48.33	-	-	74	-25.67	-	-	159	286	V
*4.81782	32.55	MAV1	34.2	-30.7	.3	.4	36.75	54	-17.25	-	-	-	-	159	286	V

Frequency (GHz)	Mask Reading (dBm)	Det	3117_00168717	60Hz_HF1(dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (m)	Polarity	
*7.59379	36.48	PK2	35.8	-26.8	0	45.48	-	-	74	-28.52	-	-	-	0	100	H
*7.59183	36.98	PK2	35.8	-26.8	0	45.98	-	-	74	-28.02	-	-	-	0	100	V
10.36171	36.52	PK-U	37.6	-22.3	0	51.82	-	-	-	-	-	68.2	-16.38	133	103	H
10.36225	38.11	PK-U	37.6	-22.2	0	53.51	-	-	-	-	-	68.2	-14.69	159	315	V

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

Case6. - Z axis



Trace Markers

Marker	Frequency (GHz)	Mask Reading (dBm)	Det	3117_00168717	5GHz_LP(dB)	DTS_Noise(dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Asmuth (Deg)	Height (cm)	Polarity
1	* 4.832	33.28	PK	34.2	-30.5	.3	0	37.28	-	-	74	-36.72	-	-	0.360	150	H
2	* 4.833	33.08	PK	34.2	-30.6	.3	0	37.18	-	-	74	-36.82	-	-	0.360	250	V

Marker	Frequency (GHz)	Mask Reading (dBm)	Det	3117_00168717	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Asmuth (Deg)	Height (cm)	Polarity
3	* 7.6082	29.11	PK	35.8	-26.9	0	38.01	-	-	74	-35.99	-	-	0.360	250	H
5	10.36019	28.31	PK	37.6	-22.3	0	41.61	-	-	-	-	68.2	-26.59	0.360	250	H
4	* 7.60079	28.08	PK	35.8	-26.8	0	37.08	-	-	74	-36.92	-	-	0.360	250	V
6	10.36093	26.96	PK	37.6	-22.3	0	42.26	-	-	-	-	68.2	-25.94	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)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Asmuth (Deg)	Height (cm)	Polarity
* 4.83204	42.56	PK2	34.2	-30.5	.3	0	46.56	-	-	74	-27.44	-	-	0	100	H
* 4.83013	42.2	PK2	34.2	-30.5	.3	0	46.2	-	-	74	-27.8	-	-	0	100	V

Frequency (GHz)	Mask Reading (dBm)	Det	3117_00168717	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBm)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Asmuth (Deg)	Height (cm)	Polarity
* 7.6087	36.44	PK2	35.8	-26.9	0	45.34	-	-	74	-28.66	-	-	0	100	H
* 7.6069	36.49	PK2	35.8	-26.8	0	45.49	-	-	74	-28.51	-	-	0	100	V
10.36024	38.54	PK-U	37.6	-22.3	0	54.14	-	-	-	-	68.2	-14.06	123	100	H
10.35995	23.84	ADR	37.6	-22.3	0	39.14	54	-14.86	-	-	-	-	123	100	H
10.36157	41.63	PK-U	37.6	-22.3	0	56.93	-	-	-	-	68.2	-11.27	134	103	V
10.36001	27.3	ADR	37.6	-22.3	0	42.6	54	-11.4	-	-	-	-	134	103	V

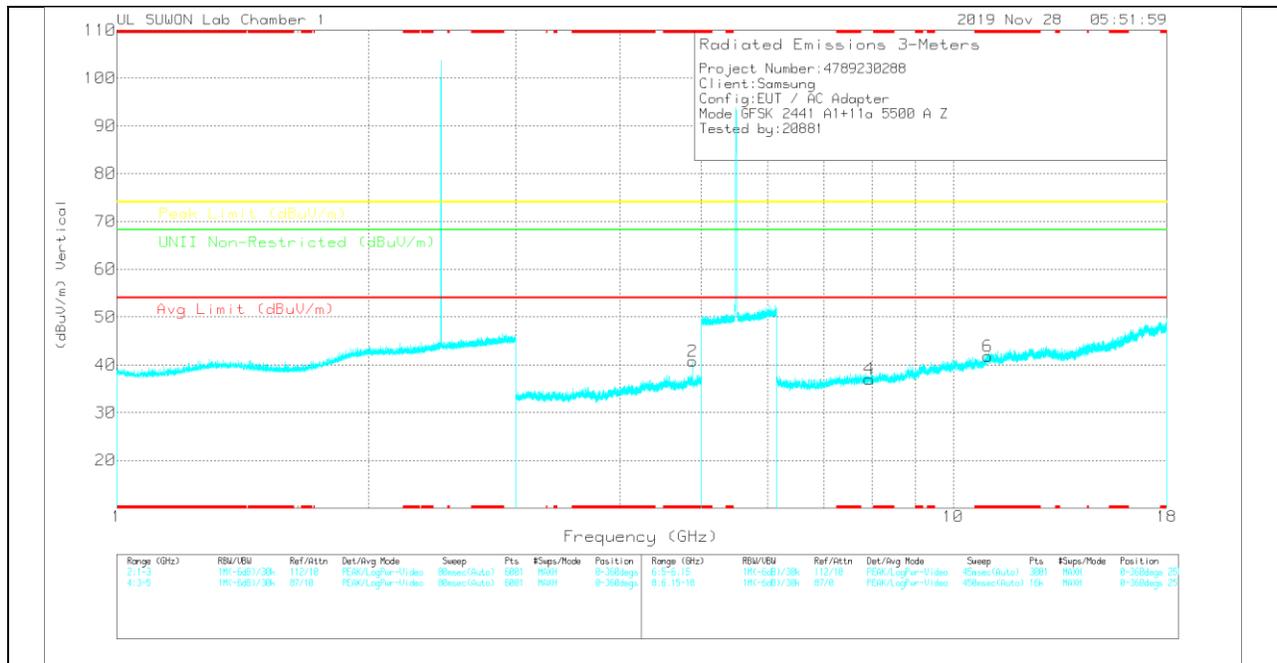
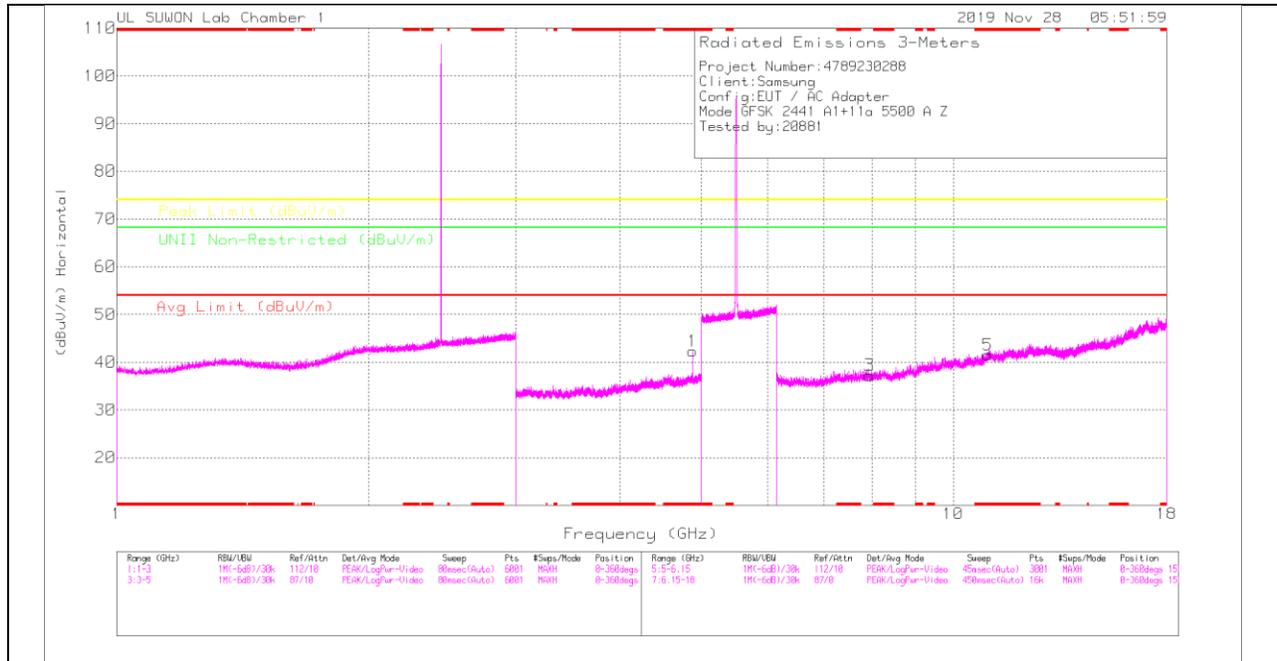
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

Case7. - Z axis



Trace Markers

Marker	Frequency (GHz)	Meter 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)	Azimuth (Deg)	Height (m)	Polarity
1	* 4.88233	38.2	PK	34.2	-30.4	.3	42.3	-	-	74	-31.7	-	-	0-360	250	H
2	* 4.88233	36.64	PK	34.2	-30.4	.3	40.74	-	-	74	-33.26	-	-	0-360	250	V

Marker	Frequency (GHz)	Meter 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)	Azimuth (Deg)	Height (m)	Polarity
3	7.93702	27.56	PK	36	-26.3	27.26	-	-	-	-	68.2	-30.94	0-360	150	H
5	* 11.00301	25.11	PK	38.2	-21.8	41.51	-	-	74	-32.49	-	-	0-360	150	H
4	7.93776	27.3	PK	36	-26.3	27	-	-	-	-	68.2	-31.2	0-360	150	V
6	* 11.00079	25.48	PK	38.2	-21.9	41.78	-	-	74	-32.22	-	-	0-360	251	V

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

Radiated Emissions

Frequency (GHz)	Meter 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)	Azimuth (Deg)	Height (m)	Polarity
* 4.88173	41.69	PKFH	34.2	-30.4	.3	45.79	-	-	74	-28.21	-	-	196	118	H
* 4.88194	33.6	VA1T	34.2	-30.4	.3	37.7	54	-16.3	-	-	-	-	196	118	H
* 4.88233	42.43	PKFH	34.2	-30.4	.3	46.53	-	-	74	-27.47	-	-	172	125	V
* 4.882	35.41	VA1T	34.2	-30.4	.3	39.51	54	-14.49	-	-	-	-	172	125	V

Frequency (GHz)	Meter 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)	Azimuth (Deg)	Height (m)	Polarity
* 11.00402	25.26	PK-U	38.2	-21.8	41.66	-	-	74	-32.34	-	-	0	100	H
* 11.00333	27.68	PK-U	38.2	-21.8	44.08	-	-	74	-29.92	-	-	0	100	H
7.93636	35.38	PKFH	36	-26.3	45.08	-	-	-	-	68.2	-23.12	0	100	H
7.93798	35.56	PKFH	36	-26.3	45.26	-	-	-	-	68.2	-22.94	0	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 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
 PK-U - U-NII: Maximum Peak

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.: 4789247752-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.: 4789247752-E7)

END OF REPORT