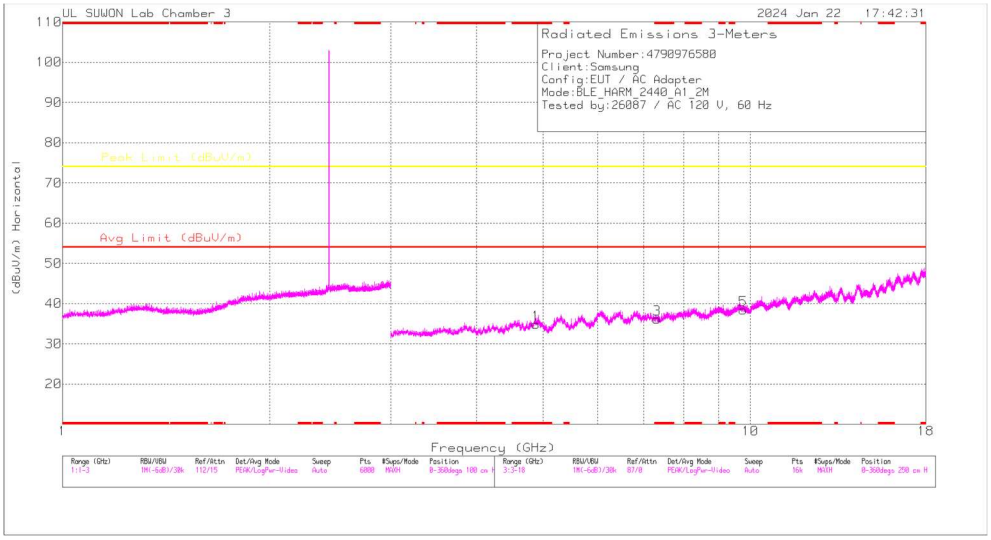
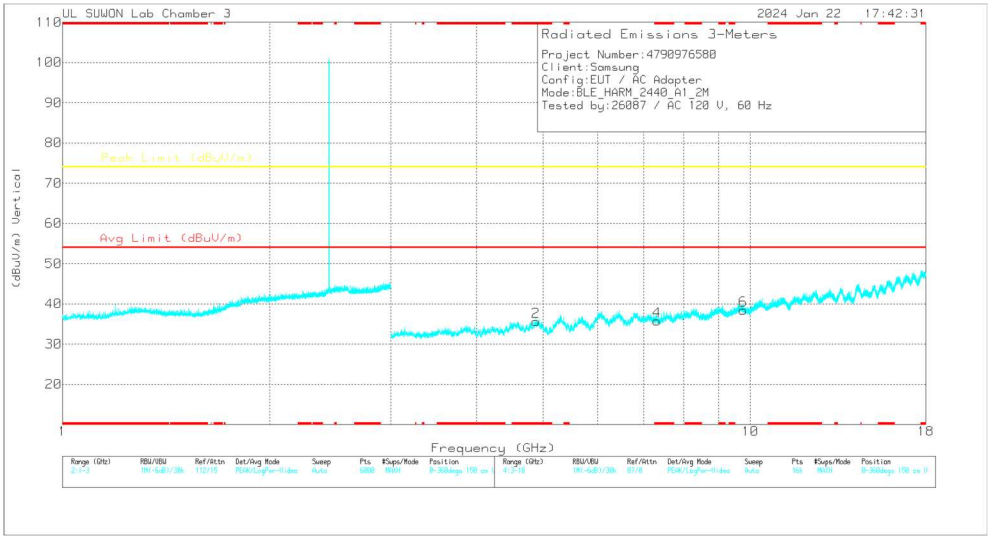
19 CHANNEL RESULTS



HORIZONTAL



VERTICAL

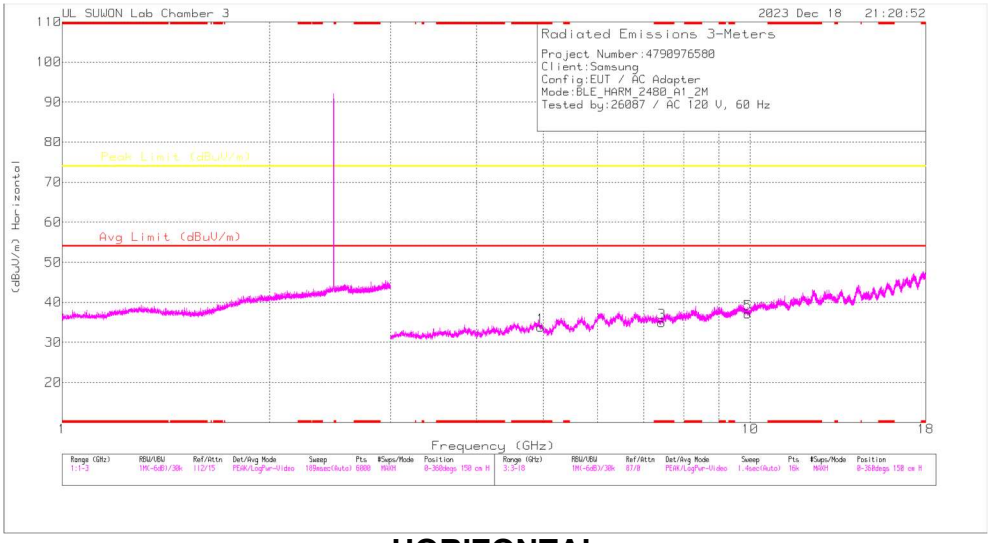
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Radiated Emissions

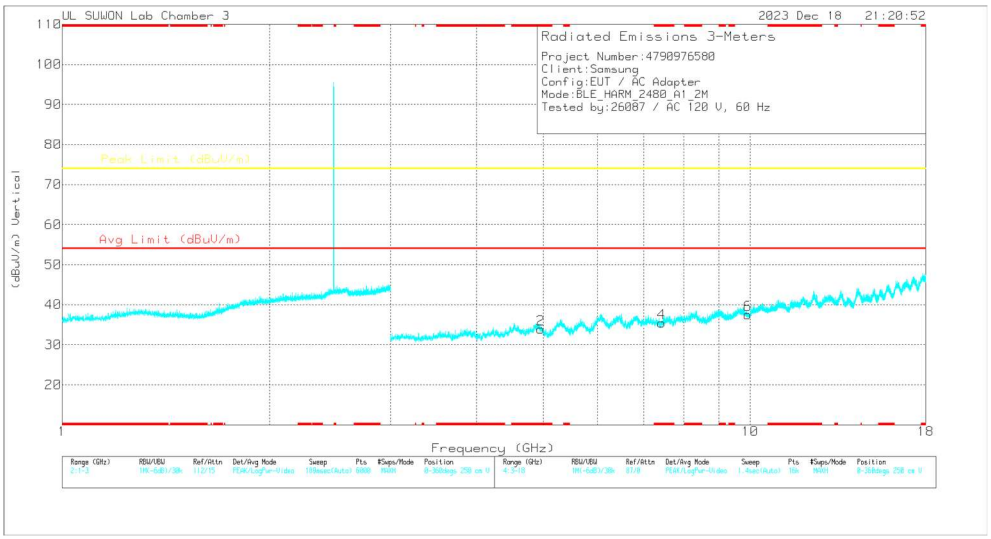
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor(dB/m)	Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.87998	40.94	PK-U	34.2	-29.9	0	45.24	-	-	74	-28.76	0	100	H
* 4.88095	41.92	PK-U	34.2	-29.9	0	46.22	-	-	74	-27.78	354	100	V
* 4.87894	29.29	ADR	34.2	-29.9	4.12	37.71	54	-16.29	-	-	354	100	V
* 7.32098	35.58	PK-U	35.8	-25.5	0	45.88	-	-	74	-28.12	0	100	H
* 7.3212	35.2	PK-U	35.8	-25.5	0	45.5	-	-	74	-28.5	360	100	V
9.76141	33.03	PK-U	36.9	-21.5	0	48.43	-	-	74	-25.57	0	100	H
9.76137	33.87	PK-U	36.9	-21.5	0	49.27	-	-	74	-24.73	0	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

39 CHANNEL RESULTS



HORIZONTAL



VERTICAL

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

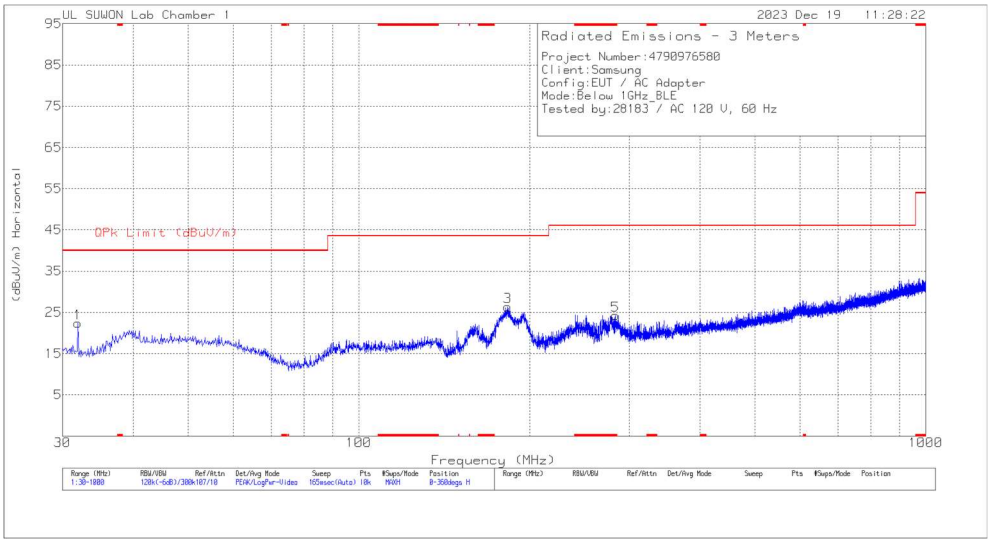
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor(dB/m)	Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.96049	39.65	PK2	34.3	-30	0	43.95	-	-	74	-30.05	0	100	H
* 4.961	39.9	PK2	34.3	-30	0	44.2	-	-	74	-29.8	0	100	V
* 7.43946	34.95	PK2	35.7	-25.2	0	45.45	-	-	74	-28.55	0	100	H
* 7.44064	35.21	PK2	35.7	-25.2	0	45.71	-	-	74	-28.29	0	100	V
9.9204	31.87	PK2	37.1	-21.4	0	47.57	-	-	74	-26.43	0	100	H
9.92022	32.34	PK2	37.1	-21.4	0	48.04	-	-	74	-25.96	0	100	V

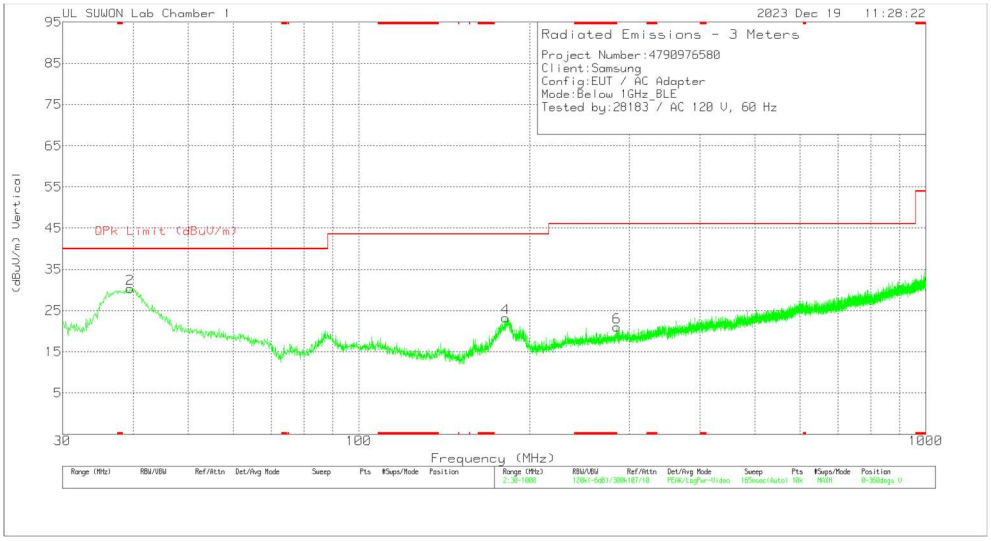
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK2 - KDB558074 Method: Maximum Peak

10.3. WORST CASE BELOW 1 GHz

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION)



HORIZONTAL



VERTICAL

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor(dB/m)	Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	31.94	38.03	Pk	15.5	-31.2	0	22.33	40	-17.67	0-360	300	H
2	39.506	43.1	Pk	18.3	-31.1	0	30.3	40	-9.7	0-360	200	V
3	183.163	40.21	Pk	15.5	-29.4	0	26.31	43.52	-17.21	0-360	100	H
4	181.514	37.29	Pk	15.4	-29.4	0	23.29	43.52	-20.23	0-360	200	V
5	* 283.558	34.39	Pk	18.4	-28.6	0	24.19	46.02	-21.83	0-360	100	H
6	285.401	31.07	Pk	18.5	-28.6	0	20.97	46.02	-25.05	0-360	200	V

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

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56 *	56 to 46 *
0.5-5	56	46
5-30	60	50

* Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

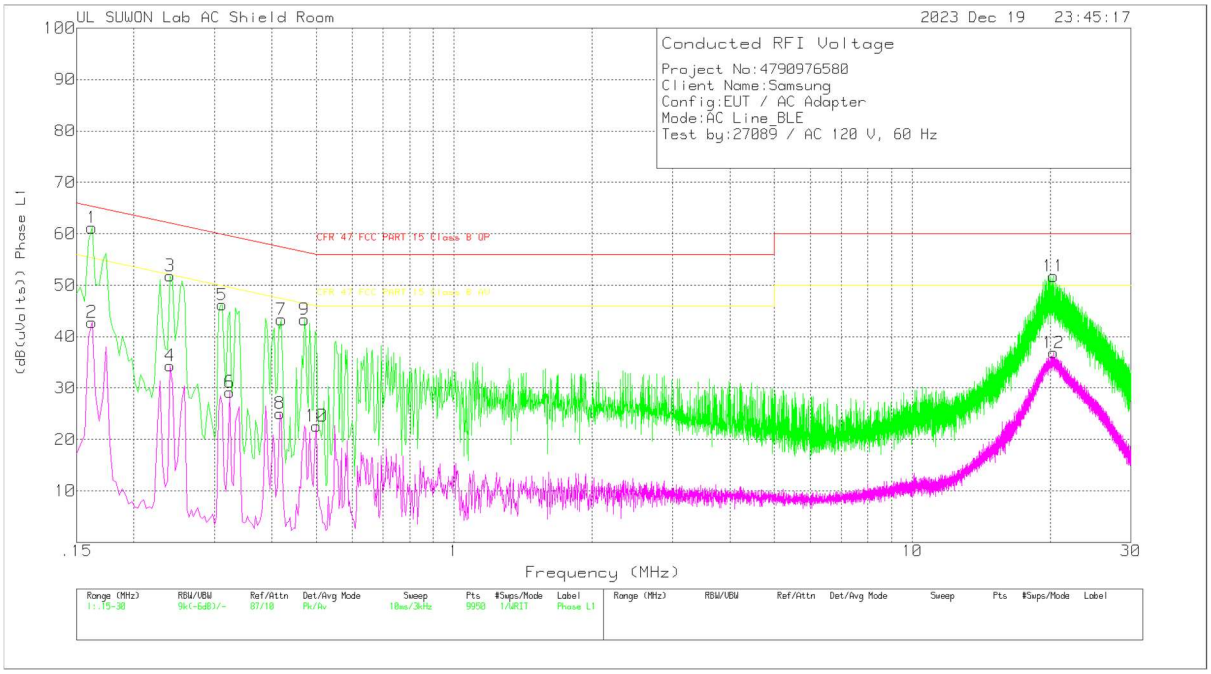
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both NEUTRAL and HOT lines.

RESULTS

11.1. AC Power Line

LINE 1 RESULTS



Trace Markers

Range 1: Phase L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101836_AUTO_With EX_L1[dB]	CABLELOSS[dB]	Corrected Reading (dB(uVolts))	47 CFR FCC PART 15 Class B QP (dB(uVolts))	Margin (dB)	47 CFR FCC PART 15 Class B AV (dB(uVolts))	Margin (dB)
1	.162	51.59	Pk	9.5	.1	61.19	65.36	-4.17	-	-
2	.162	33.21	Av	9.5	.1	42.81	-	-	55.36	-12.55
3	.24	42.13	Pk	9.5	.2	51.83	62.1	-10.27	-	-
4	.24	24.64	Av	9.5	.2	34.34	-	-	52.1	-17.76
5	.312	36.48	Pk	9.5	.2	46.18	59.92	-13.74	-	-
6	.324	19.51	Av	9.5	.2	29.21	-	-	49.6	-20.39
7	.42	33.64	Pk	9.5	.2	43.34	57.45	-14.11	-	-
8	.417	15.38	Av	9.5	.2	25.08	-	-	47.51	-22.43
9	.471	33.63	Pk	9.5	.2	43.33	56.5	-13.17	-	-
10	.501	12.82	Av	9.6	.2	22.62	-	-	46	-23.38
11	20.349	41.77	Pk	9.6	.4	51.77	60	-8.23	-	-
12	20.328	26.9	Av	9.6	.4	36.9	-	-	50	-13.1

Pk - Peak detector
Av - Average detection

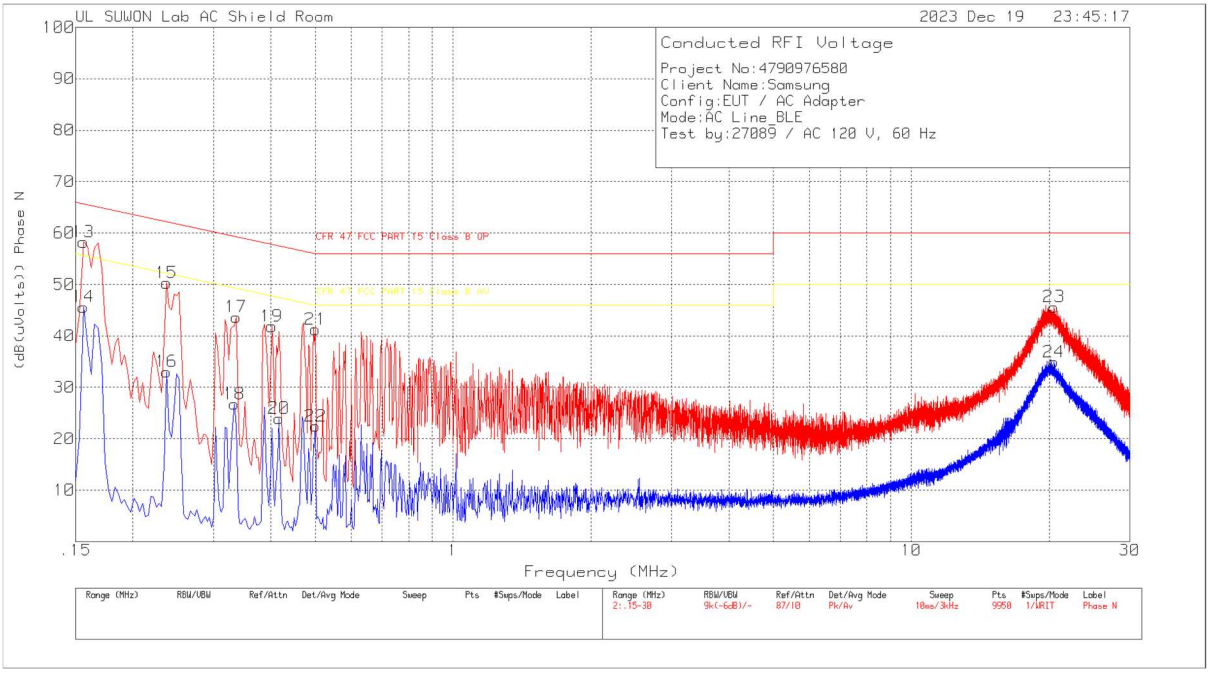
Quasi-Peak Emissions

Range 1: Phase L1 .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	101836_AUTO_With EX_L1[dB]	CABLELOSS[dB]	Corrected Reading (dB(uVolts))	47 CFR FCC PART 15 Class B QP (dB(uVolts))	Margin (dB)	47 CFR FCC PART 15 Class B AV (dB(uVolts))	Margin (dB)
.16125	45.05	Qp	9.5	.1	54.65	65.4	-10.75	-	-
20.3498	32.92	Qp	9.6	.4	42.92	60	-17.08	-	-

Qp - Quasi-Peak detector

LINE 2 RESULTS



Trace Markers

Range 2: Phase N .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101836_AUTO_With EX_N[dB]	CABLELOSS[dB]	Corrected Reading (dB(uVolts))	47 CFR FCC PART 15 Class B QP (dB(uVolts))	Margin (dB)	47 CFR FCC PART 15 Class B AV (dB(uVolts))	Margin (dB)
13	.156	48.65	Pk	9.5	.1	58.25	65.67	-7.42	-	-
14	.156	36.04	Av	9.5	.1	45.64	-	-	55.67	-10.03
15	.237	40.6	Pk	9.5	.2	50.3	62.2	-11.9	-	-
16	.237	23.34	Av	9.5	.2	33.04	-	-	52.2	-19.16
17	.336	33.98	Pk	9.5	.2	43.68	59.3	-15.62	-	-
18	.333	17.06	Av	9.5	.2	26.76	-	-	49.38	-22.62
19	.402	32.16	Pk	9.5	.2	41.86	57.81	-15.95	-	-
20	.417	14.27	Av	9.5	.2	23.97	-	-	47.51	-23.54
21	.501	31.46	Pk	9.6	.2	41.26	56	-14.74	-	-
22	.501	12.67	Av	9.6	.2	22.47	-	-	46	-23.53
23	20.493	35.64	Pk	9.6	.4	45.64	60	-14.36	-	-
24	20.472	24.94	Av	9.6	.4	34.94	-	-	50	-15.06

Pk - Peak detector
Av - Average detection

Quasi-Peak Emissions

Range 2: Phase N .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	101836_AUTO_With EX_N[dB]	CABLELOSS[dB]	Corrected Reading (dB(uVolts))	47 CFR FCC PART 15 Class B QP (dB(uVolts))	Margin (dB)	47 CFR FCC PART 15 Class B AV (dB(uVolts))	Margin (dB)
.15675	45.2	Qp	9.5	.1	54.8	65.63	-10.83	-	-

Qp - Quasi-Peak detector

END OF TEST REPORT