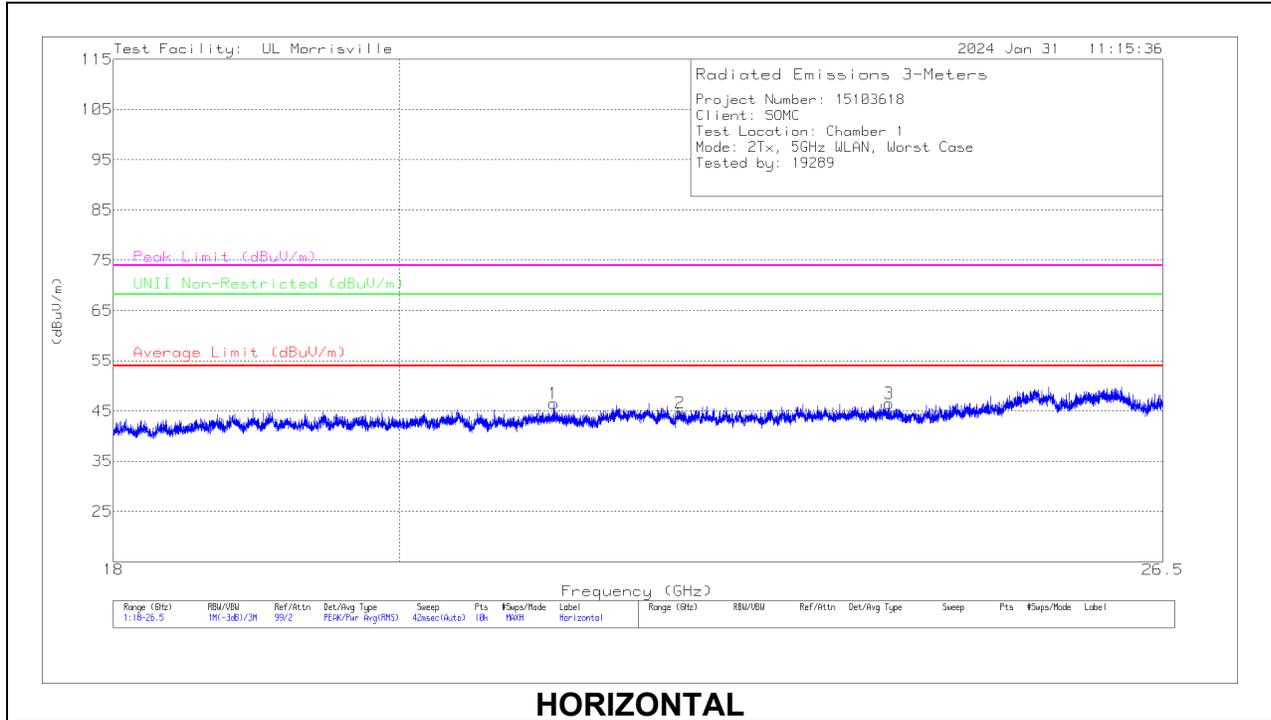
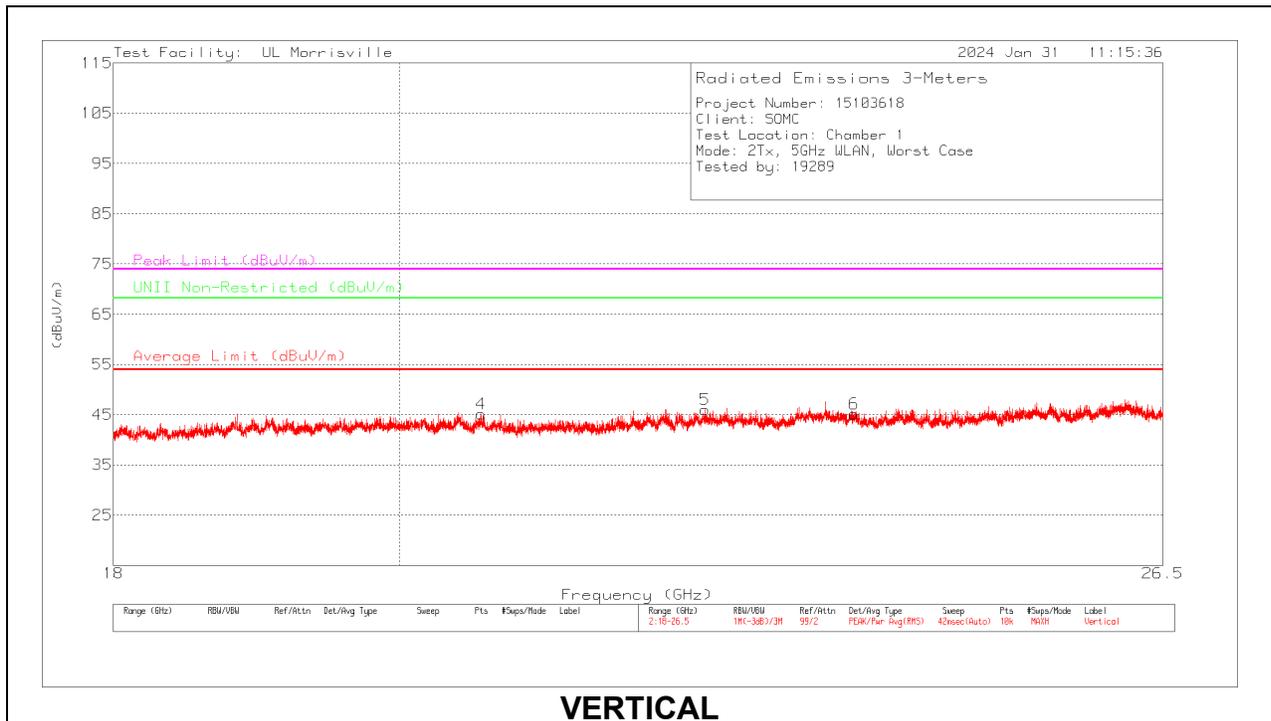


### 10.2.3. SPURIOUS 18-26 GHz



**HORIZONTAL**



**VERTICAL**

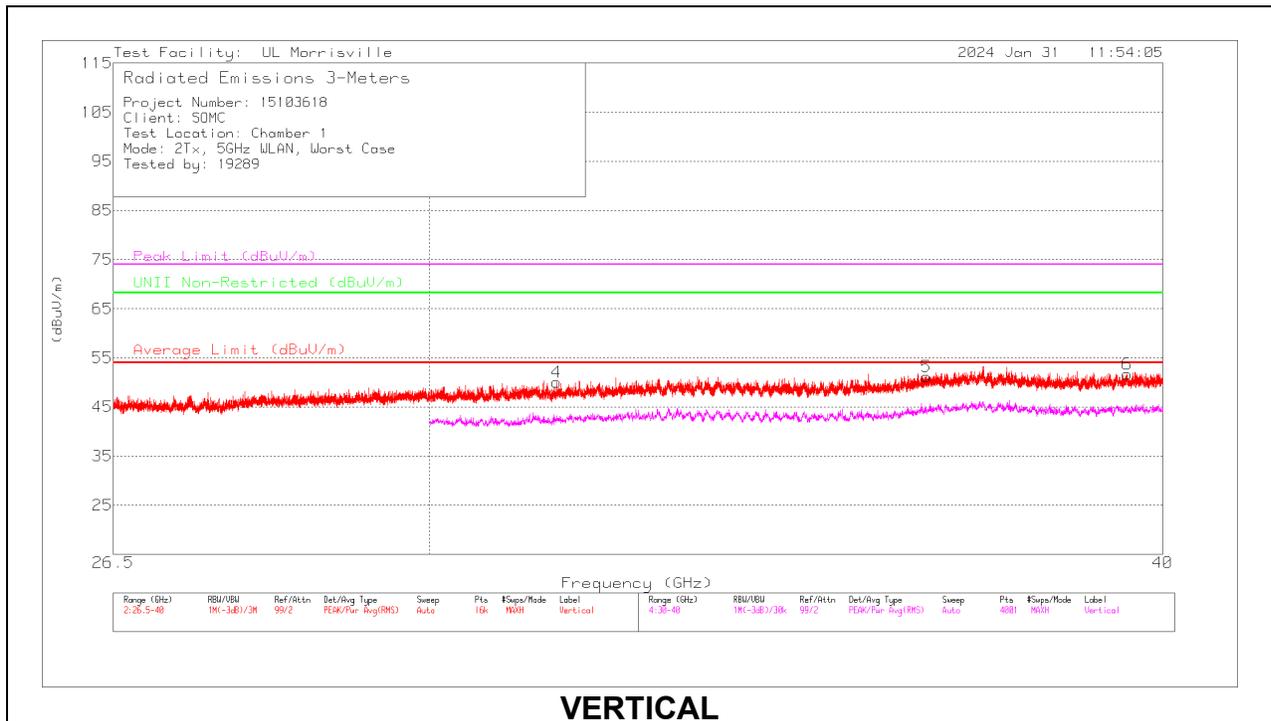
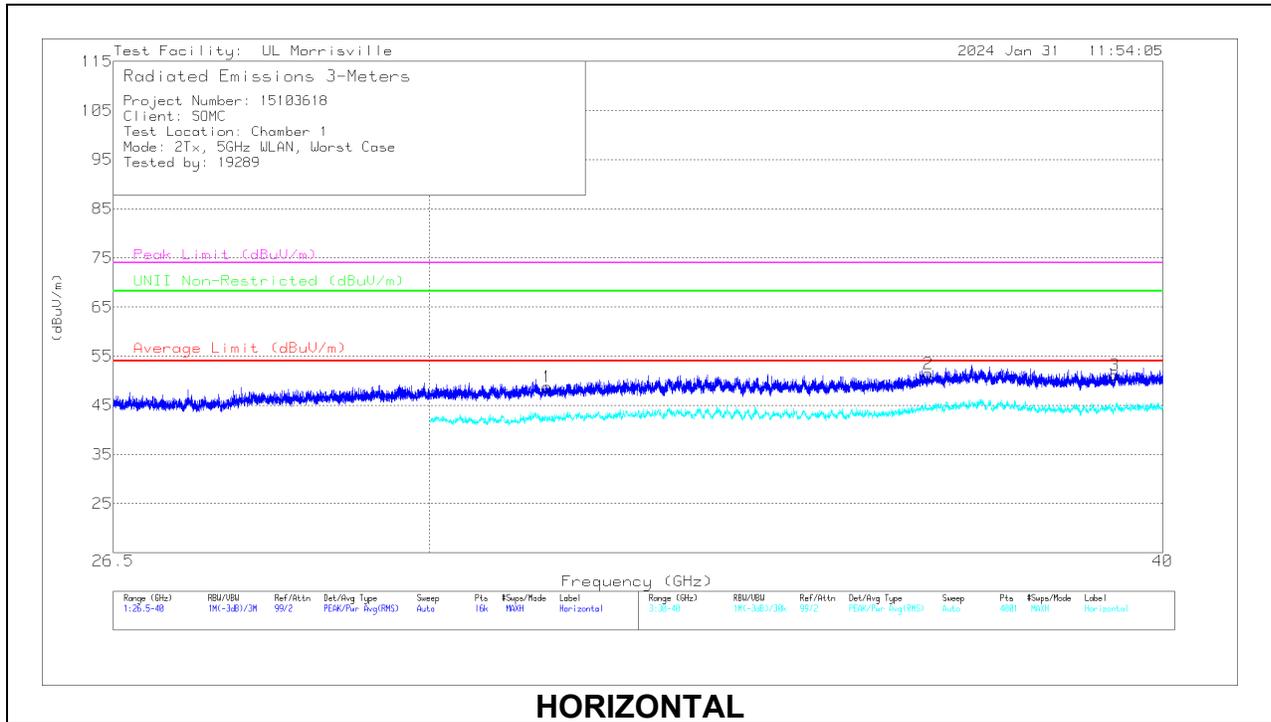
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	204704 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 21.17273	51.07	Pk	33.6	-38.2	46.47	54	-7.53	74	-27.53	0-360	101	H
2	* ** 22.18073	47.93	Pk	34.3	-37.6	44.63	54	-9.37	74	-29.37	0-360	150	H
3	* ** 23.9545	49.55	Pk	34.5	-37.5	46.55	54	-7.45	74	-27.45	0-360	199	H
4	* ** 20.61179	49.19	Pk	33.7	-37.7	45.19	54	-8.81	74	-28.81	0-360	101	V
5	* ** 22.38726	49.95	Pk	34.1	-38	46.05	54	-7.95	74	-27.95	0-360	101	V
6	* ** 23.64939	47.89	Pk	34.6	-37.3	45.19	54	-8.81	74	-28.81	0-360	250	V

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

### 10.2.4. SPURIOUS 26-40 GHz



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	204705 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 31.41499	48.16	PK-U	36.8	-34.1	0	50.86	-	-	74	-23.14	155	260	H
	* ** 31.41667	34.64	ADV	36.8	-34.1	0.47	37.81	54	-16.19	-	-	155	260	H
2	* ** 36.48927	50.66	PK-U	37.9	-36	0	52.56	-	-	74	-21.44	81	396	H
	* ** 36.48645	37.04	ADV	37.9	-35.9	0.47	39.51	54	-14.49	-	-	81	396	H
3	* ** 39.24829	48.76	PK-U	38.5	-34.8	0	52.46	-	-	74	-21.54	297	180	H
	* ** 39.2489	35.44	ADV	38.5	-34.8	0.47	39.61	54	-14.39	-	-	297	180	H
4	* ** 31.53436	47.83	PK-U	36.7	-34	0	50.53	-	-	74	-23.47	275	287	V
	* ** 31.5355	34.63	ADV	36.7	-34	0.47	37.80	54	-16.20	-	-	275	287	V
5	* ** 36.45778	50.56	PK-U	37.9	-36	0	52.46	-	-	74	-21.54	152	187	V
	* ** 36.45656	37.26	ADV	37.9	-35.9	0.47	39.73	54	-14.27	-	-	152	187	V
6	* ** 39.44737	48.41	PK-U	38.5	-34.5	0	52.41	-	-	74	-21.59	19	250	V
	* ** 39.44711	35.33	ADV	38.5	-34.5	0.47	39.80	54	-14.20	-	-	19	250	V

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK-U - Maximum Peak

ADV - Linear Voltage Average

## 11. AC POWERLINE CONDUCTED EMISSIONS LIMITS

FCC §15.207 (a)

Frequency of Emission (MHz)	Conducted Limit (dB $\mu$ V)	
	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.

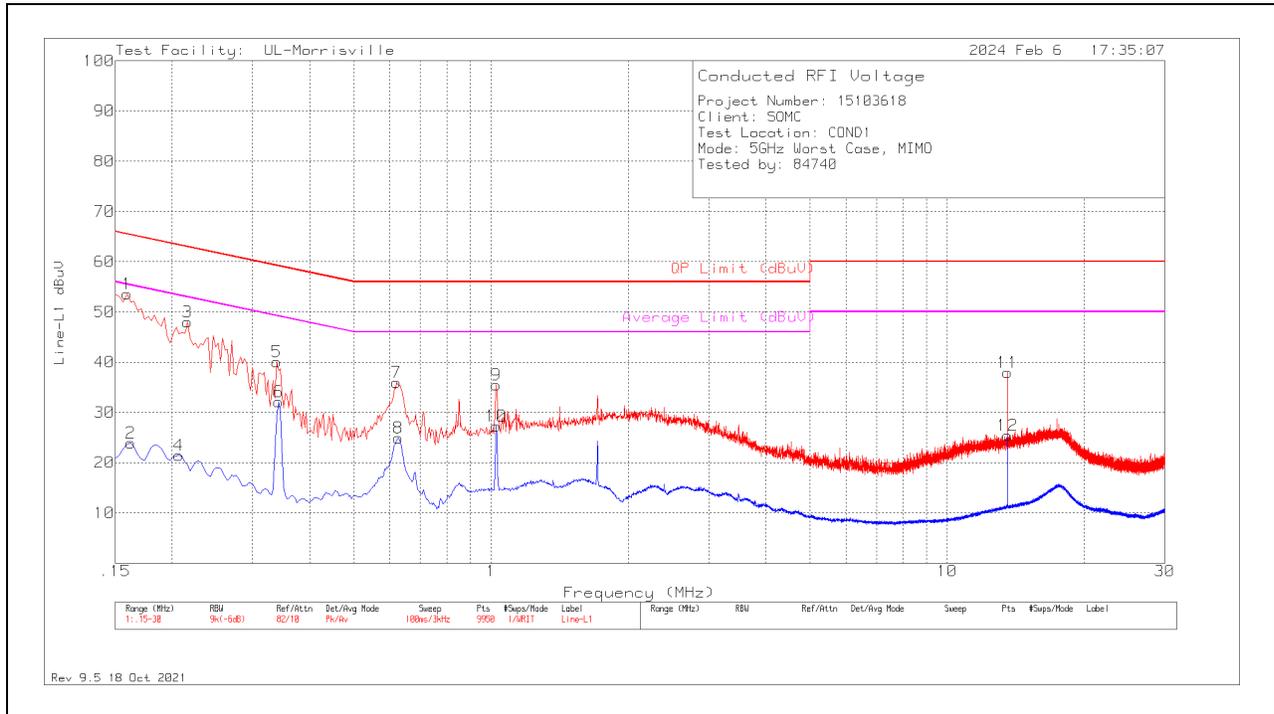
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both lines.

### RESULTS

## 11.1. AC POWER LINE NORM

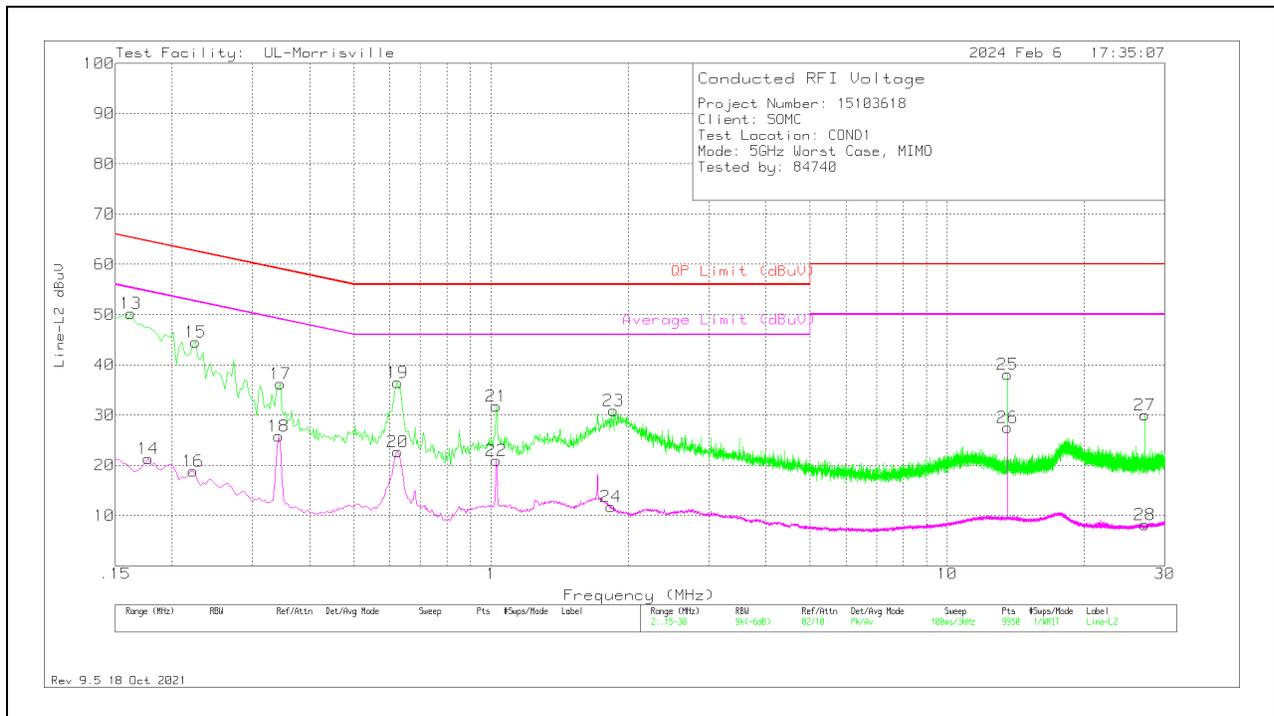
### LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
1	.159	43.45	Pk	.3	9.8	53.55	65.52	-11.97	-	-
2	.162	13.87	Av	.3	9.8	23.97	-	-	55.36	-31.39
3	.216	37.99	Pk	.2	9.8	47.99	62.97	-14.98	-	-
4	.207	11.49	Av	.2	9.8	21.49	-	-	53.32	-31.83
5	.339	30.17	Pk	.1	9.8	40.07	59.23	-19.16	-	-
6	.342	22.26	Av	.1	9.8	32.16	-	-	49.15	-16.99
7	.621	26.08	Pk	.1	9.8	35.98	56	-20.02	-	-
8	.627	14.98	Av	.1	9.8	24.88	-	-	46	-21.12
9	1.026	25.58	Pk	.1	9.8	35.48	56	-20.52	-	-
10	1.026	17.38	Av	.1	9.8	27.28	-	-	46	-18.72
11	13.56	27.7	Pk	.2	10	37.9	60	-22.1	-	-
12	13.56	15.18	Av	.2	10	25.38	-	-	50	-24.62

Pk - Peak detector  
 Av - Average detection

**LINE 2 RESULTS**



Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
13	.162	40.2	Pk	.3	9.8	50.3	65.36	-15.06	-	-
14	.177	11.18	Av	.3	9.8	21.28	-	-	54.63	-33.35
15	.225	34.55	Pk	.2	9.8	44.55	62.63	-18.08	-	-
16	.222	8.84	Av	.2	9.8	18.84	-	-	52.74	-33.9
17	.345	26.28	Pk	.1	9.8	36.18	59.08	-22.9	-	-
18	.342	15.89	Av	.1	9.8	25.79	-	-	49.15	-23.36
19	.624	26.52	Pk	.1	9.8	36.42	56	-19.58	-	-
20	.624	12.82	Av	.1	9.8	22.72	-	-	46	-23.28
21	1.026	21.86	Pk	.1	9.8	31.76	56	-24.24	-	-
22	1.026	11.05	Av	.1	9.8	20.95	-	-	46	-25.05
23	1.857	20.95	Pk	.1	9.8	30.85	56	-25.15	-	-
24	1.833	1.83	Av	.1	9.8	11.73	-	-	46	-34.27
25	13.563	27.92	Pk	.2	10	38.12	60	-21.88	-	-
26	13.56	17.37	Av	.2	10	27.57	-	-	50	-22.43
27	27.132	19.52	Pk	.3	10.2	30.02	60	-29.98	-	-
28	27.132	-2.38	Av	.3	10.2	8.12	-	-	50	-41.88

Pk - Peak detector  
 Av - Average detection

## **12. SETUP PHOTOS:**

Refer to R15103618-EP3 for all setup photos and diagrams.

**END OF TEST REPORT**