

**TESTED BY**

Below 18GHz

Employee IDs: 84445 / 11993

Test Dates: 2024-08-27 to 2024-08-28

Test Location: Chamber 4

Above 18GHz

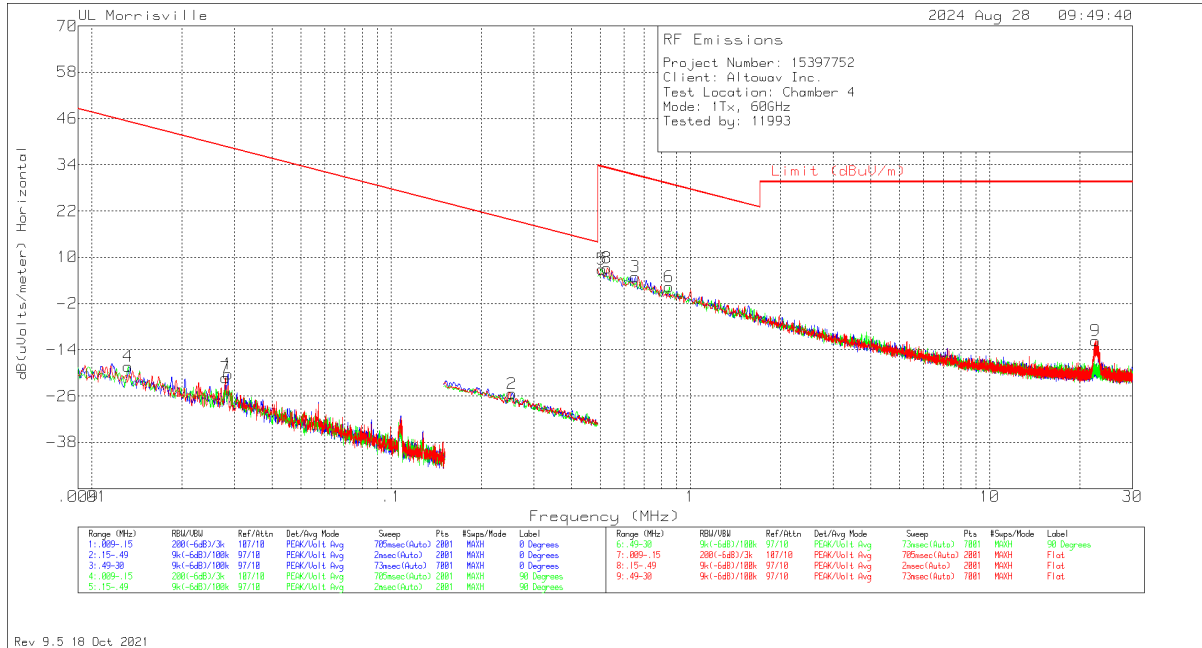
Employee IDs: 23854

Test Dates: 2024-08-26 to 2024-08-28, 2024-10-02

Test Location: Chamber 3

**SPURIOUS EMISSIONS 9 kHz TO 30 MHz**

**E-Field – Channel 2**

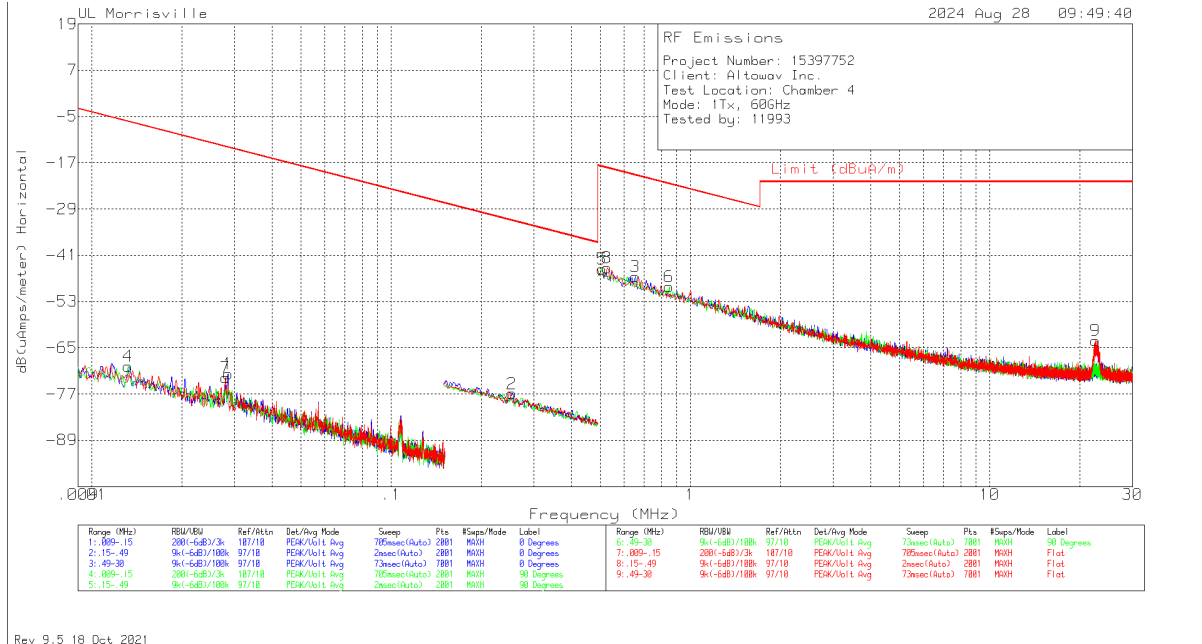


Rev 9.5 18 Oct 2021

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	135144 (dBuV/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uVolts/meter)	Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
4	.01319	44.58	Pk	17	.1	-80	-18.32	45.2	-63.52	0-360	90 degs
7	.02796	45.1	Pk	13.6	.1	-80	-21.2	38.67	-59.87	0-360	Flat
1	.02853	46.05	Pk	13.6	.1	-80	-20.25	38.5	-58.75	0-360	0 degs
2	.25302	43.41	Pk	11.1	.1	-80	-25.39	19.54	-44.93	0-360	0 degs
5	.50686	35.67	Pk	11.1	.1	-40	6.87	33.51	-26.64	0-360	90 degs
8	.52794	36.05	Pk	11.1	.1	-40	7.25	33.15	-25.9	0-360	Flat
3	.65442	33.49	Pk	11.2	.2	-40	4.89	31.29	-26.4	0-360	0 degs
6	.84836	31.09	Pk	11.1	.2	-40	2.39	29.03	-26.64	0-360	90 degs
9	22.59449	17.9	Pk	9.8	.6	-40	-11.7	29.54	-41.24	0-360	Flat

Pk - Peak detector

H-Field – Channel 2

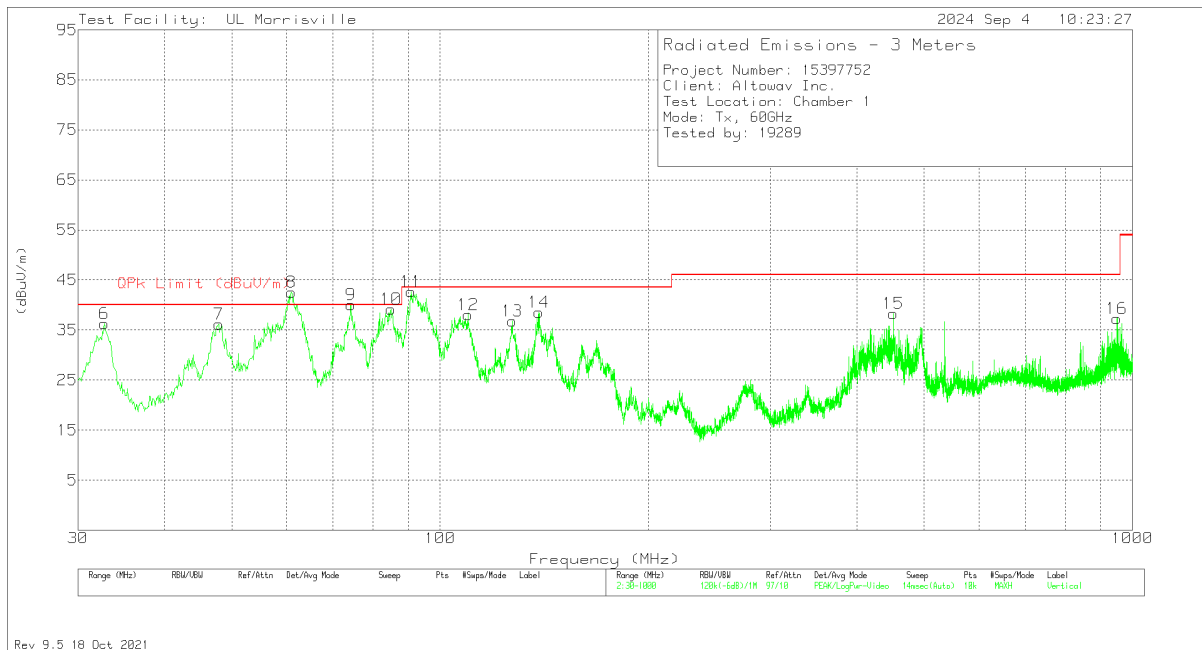
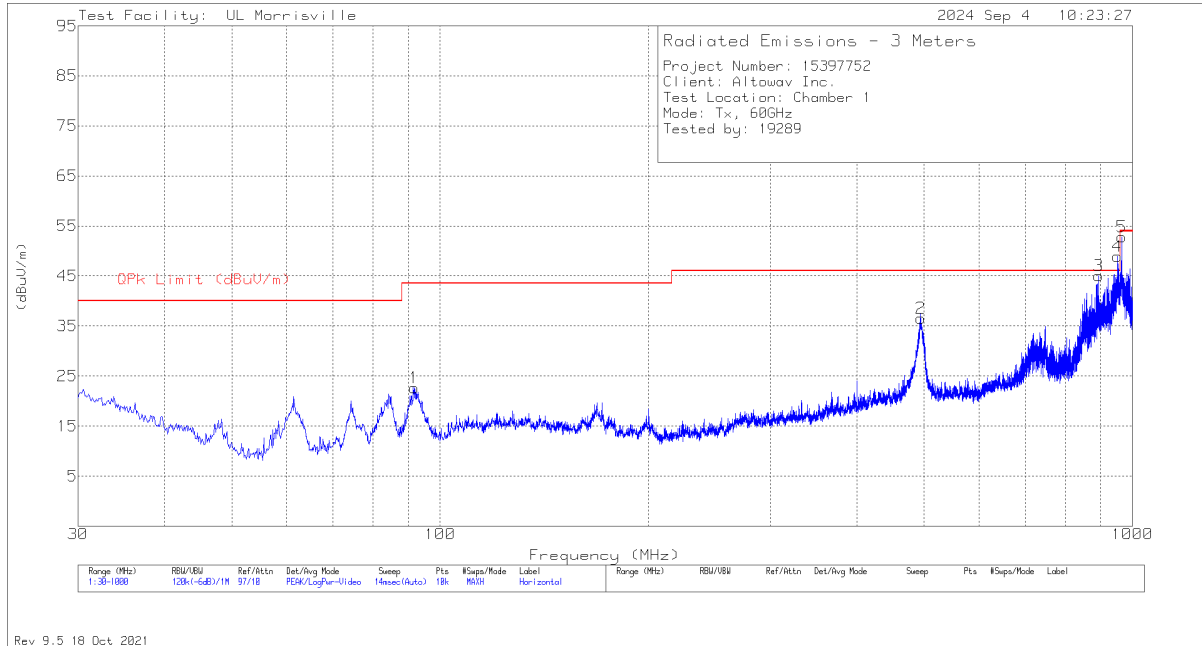


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	135144 (dBuV/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uAmps/meter)	Limit (dBuA/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
4	.01319	44.58	Pk	-34.5	.1	-80	-69.82	-6.3	-63.52	0-360	90 degs
7	.02796	45.1	Pk	-37.9	.1	-80	-72.7	-12.83	-59.87	0-360	Flat
1	.02853	46.05	Pk	-37.9	.1	-80	-71.75	-13	-58.75	0-360	0 degs
2	.25302	43.41	Pk	-40.4	.1	-80	-76.89	-31.96	-44.93	0-360	0 degs
5	.50686	35.67	Pk	-40.4	.1	-40	-44.63	-17.99	-26.64	0-360	90 degs
8	.52794	36.05	Pk	-40.4	.1	-40	-44.25	-18.35	-25.9	0-360	Flat
3	.65442	33.49	Pk	-40.3	.2	-40	-46.61	-20.21	-26.4	0-360	0 degs
6	.84836	31.09	Pk	-40.4	.2	-40	-49.11	-22.47	-26.64	0-360	90 degs
9	22.59449	17.9	Pk	-41.7	.6	-40	-63.2	-21.96	-41.24	0-360	Flat

Pk - Peak detector

**SPURIOUS EMISSIONS 30 TO 1000 MHz**

**Channel 2**

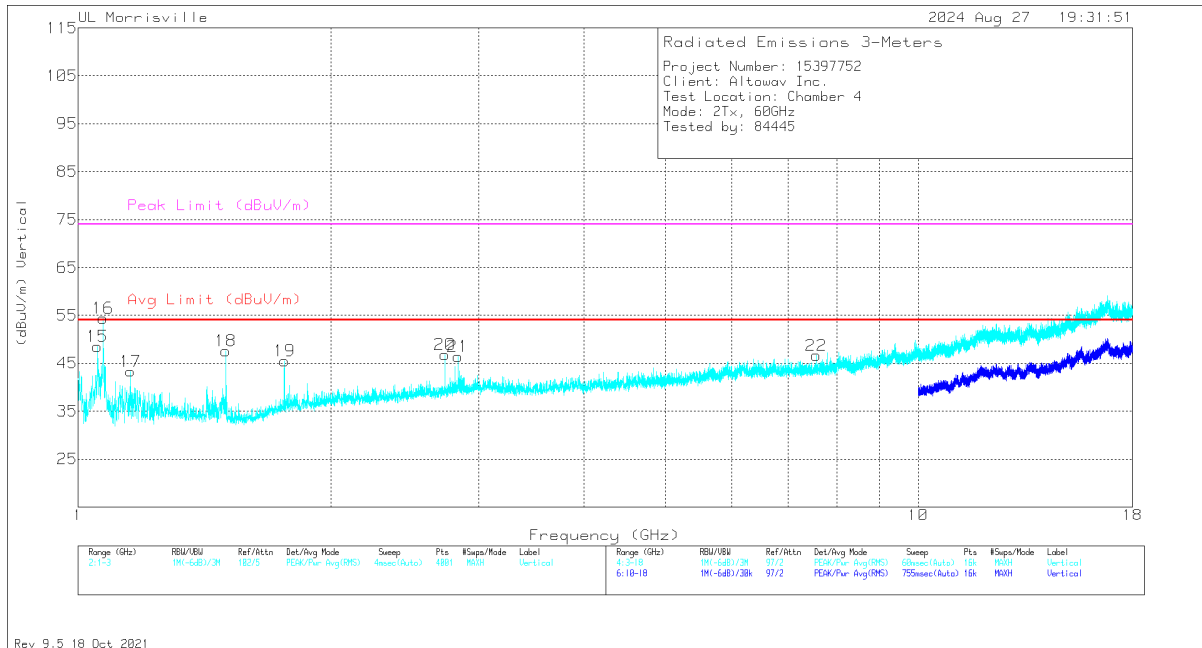
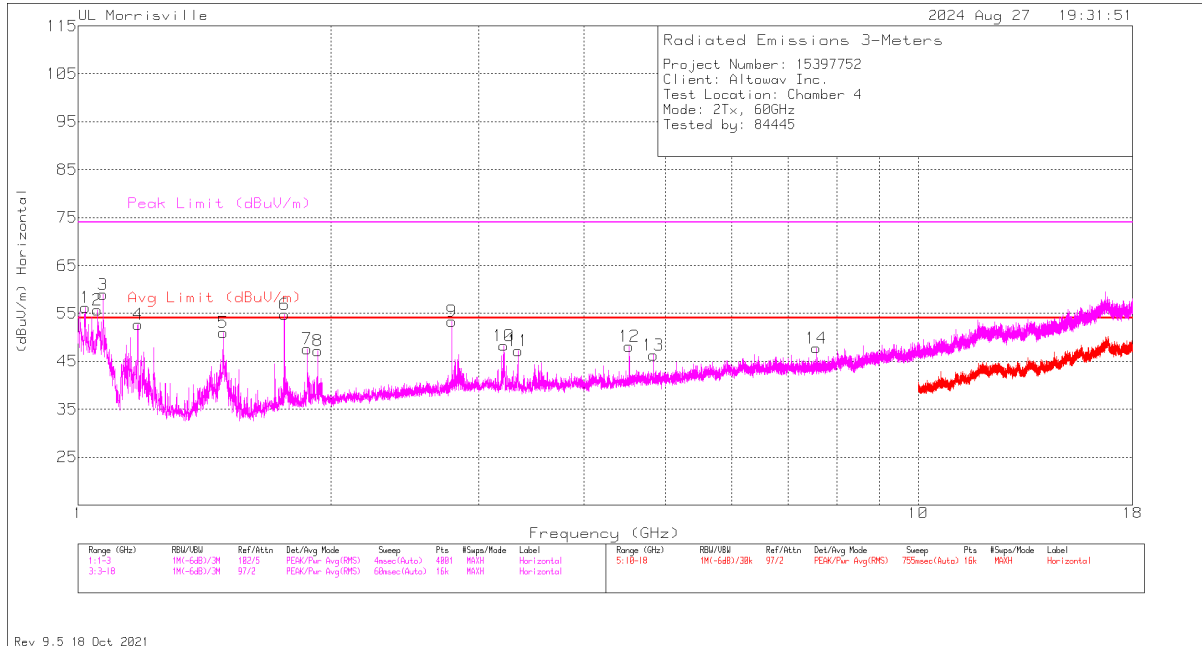


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	90629 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	32.6604	39.31	Qp	25	-32.2	32.11	40	-7.89	41	113	V
7	47.935	50.08	Qp	14.7	-31.9	32.88	40	-7.12	197	105	V
8	60.521	53.85	Qp	14	-31.6	36.25	40	-3.75	82	126	V
9	74.0992	52.62	Qp	14.5	-31.6	35.52	40	-4.48	96	105	V
10	84.4724	51.46	Qp	13.5	-31.1	33.86	40	-6.14	247	126	V
11	91.413	55.39	Qp	14.3	-31	38.69	43.52	-4.83	323	127	V
1	91.789	39.28	Pk	14.4	-31	22.68	43.52	-20.84	0-360	399	H
12	108.5809	44.56	Qp	18.6	-30.9	32.26	43.52	-11.26	89	106	V
13	127.097	47.45	Pk	20.1	-30.7	36.85	43.52	-6.67	0-360	100	V
14	138.681	45.93	Qp	19.5	-30.9	34.53	43.52	-8.99	279	101	V
15	451.465	43.87	Pk	23	-28.6	38.27	46.02	-7.75	0-360	100	V
2	494.242	41.13	Pk	24	-28.6	36.53	46.02	-9.49	0-360	199	H
3	890.5851	35.44	Qp	28.2	-26.9	36.74	46.02	-9.28	27	150	H
16	949.463	34.74	Pk	28.9	-26.3	37.34	46.02	-8.68	0-360	100	V
4	952.704	27.68	Qp	28.9	-26.3	30.28	46.02	-15.74	360	120	H
5	963.4774	31.7	Qp	29	-26.1	34.6	53.97	-19.37	358	135	H

Pk - Peak detector  
 Qp - Quasi-Peak detector

**SPURIOUS EMISSIONS 1 GHz TO 18 GHz**

**Channel 2**

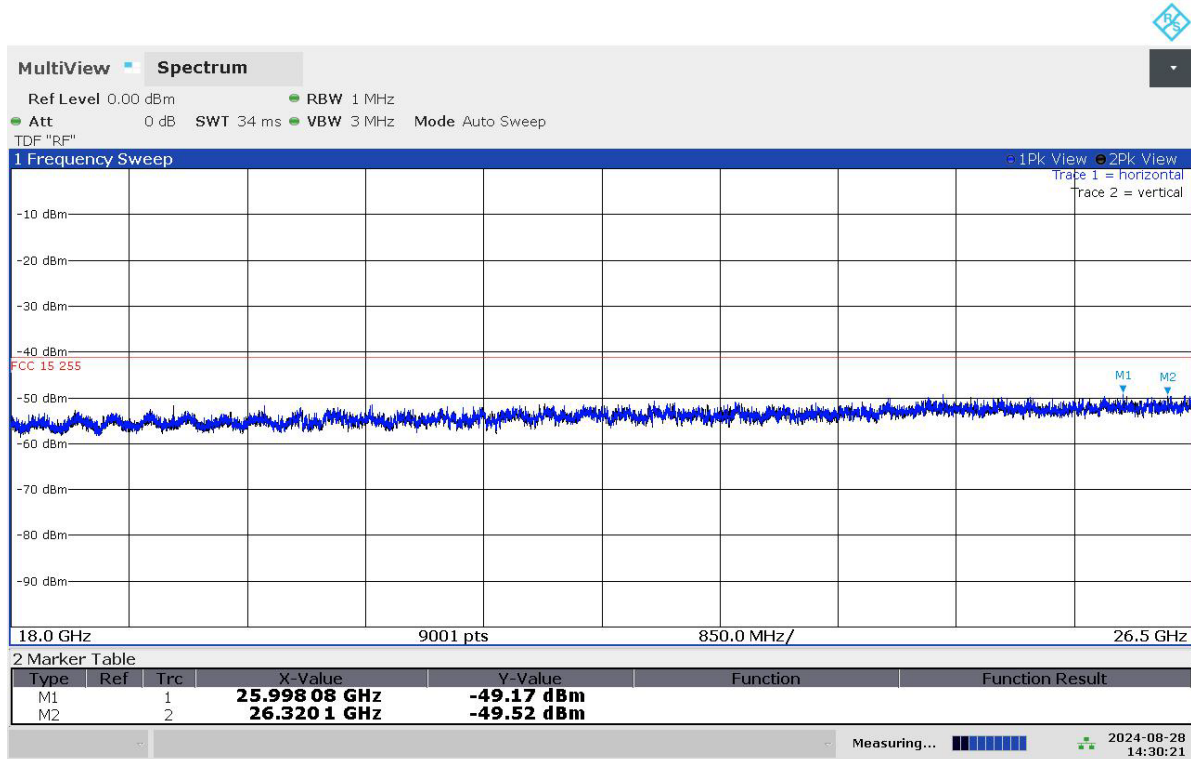


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.01805	60.43	PK2	27.1	-25.4	62.13	-	-	74	-11.87	48	128	H
	1.01966	22.08	ADV	27	-25.4	23.68	54	-30.32	-	-	48	128	H
2	1.05397	54.28	PK2	26.8	-25.4	55.68	-	-	74	-18.32	43	152	H
	1.05421	20.67	ADV	26.8	-25.4	22.07	54	-31.93	-	-	43	152	H
3	1.07059	65.64	PK2	27	-25.2	67.44	-	-	74	-6.56	39	147	H
	1.071	29.94	ADV	27	-25.2	31.74	54	-22.26	-	-	39	147	H
4	1.17804	52.11	PK2	27.7	-25	54.81	-	-	74	-19.19	23	153	H
	1.17837	20.74	ADV	27.7	-25	23.44	54	-30.56	-	-	23	153	H
5	1.48888	45.86	PK2	27.9	-24.3	49.46	-	-	74	-24.54	58	156	H
	1.48904	20.29	ADV	27.9	-24.3	23.89	54	-30.11	-	-	58	156	H
6	1.75996	39.82	PK2	29.7	-24.1	45.42	-	-	74	-28.58	25	285	H
	1.75999	36.37	ADV	29.7	-24.1	41.97	54	-12.03	-	-	25	285	H
7	1.874	40.6	Pk	30.7	-23.7	47.6	54	-6.4	74	-26.4	0-360	100	H
	1.928	40.03	Pk	30.7	-23.5	47.23	54	-6.77	74	-26.77	0-360	100	H
9	2.78454	38.85	PK2	32.6	-22.2	49.25	-	-	74	-24.75	0	277	H
	2.78614	19.57	ADV	32.6	-22.2	29.97	54	-24.03	-	-	0	277	H
15	1.05458	45.32	PK2	26.8	-25.4	46.72	-	-	74	-27.28	80	194	V
	1.05559	21.18	ADV	26.9	-25.4	22.68	54	-31.32	-	-	80	194	V
16	1.07112	60.96	PK2	27	-25.2	62.76	-	-	74	-11.24	203	122	V
	1.07097	26.24	ADV	27	-25.2	28.04	54	-25.96	-	-	203	122	V
17	1.1545	40.73	Pk	27.6	-25	43.33	54	-10.67	74	-30.67	0-360	200	V
18	1.4995	44.01	Pk	27.8	-24.2	47.61	54	-6.39	74	-26.39	0-360	200	V
19	1.76	39.86	Pk	29.7	-24.1	45.46	54	-8.54	74	-28.54	0-360	200	V
20	2.732	36.82	Pk	32.4	-22.4	46.82	54	-7.18	74	-27.18	0-360	200	V
21	2.835	36.21	Pk	32.4	-22.2	46.41	54	-7.59	74	-27.59	0-360	200	V
	4.53126	47.06	PK2	33.9	-31.3	49.66	-	-	74	-24.34	72	107	H
13	4.53129	39.61	ADV	33.9	-31.3	42.21	54	-11.79	-	-	72	107	H
	4.84406	43.33	Pk	34.1	-31.2	46.23	54	-7.77	74	-27.77	0-360	100	H
14	7.56	39.78	Pk	35.7	-27.7	47.78	54	-6.22	74	-26.22	0-360	100	H
22	7.56	38.61	Pk	35.7	-27.7	46.61	54	-7.39	74	-27.39	0-360	200	V
10	3.21281	49.8	Pk	32.8	-34.3	48.3	54	-5.7	74	-25.7	0-360	100	H
11	3.33938	48.22	Pk	32.8	-33.8	47.22	54	-6.78	74	-26.78	0-360	100	H

Pk - Peak detector  
 PK2 - Maximum Peak  
 ADV - Linear Voltage Average

**SPURIOUS EMISSIONS 18 GHz TO 26.5 GHz**

Channel 2



02:30:22 PM 08/28/2024

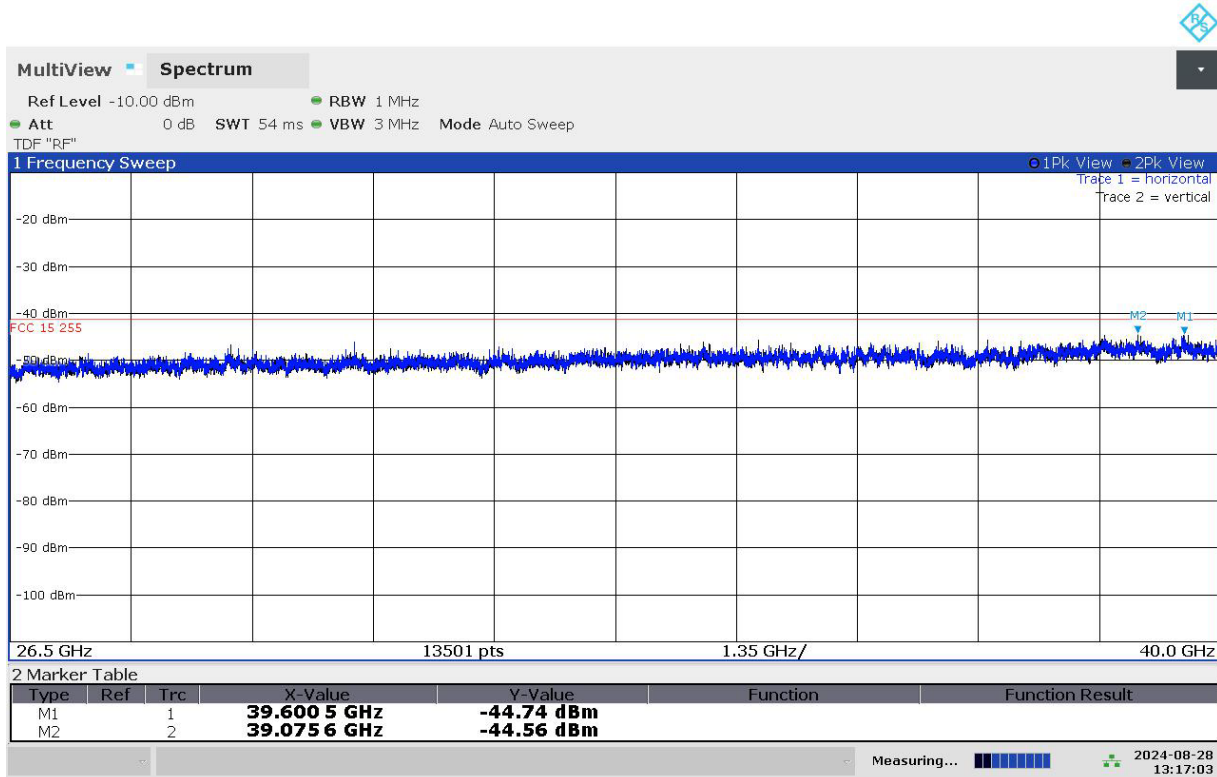
Marker	Frequency (GHz)	Det	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Polarity
1	25.998	Pk	-49.17	-41.23	-7.94	-21.23	-27.94	H
2	26.320	Pk	-49.52	-41.23	-8.29	-21.23	-28.29	V

Pk - Peak detector



**SPURIOUS EMISSIONS 26.5 GHz TO 40 GHz**

Channel 2



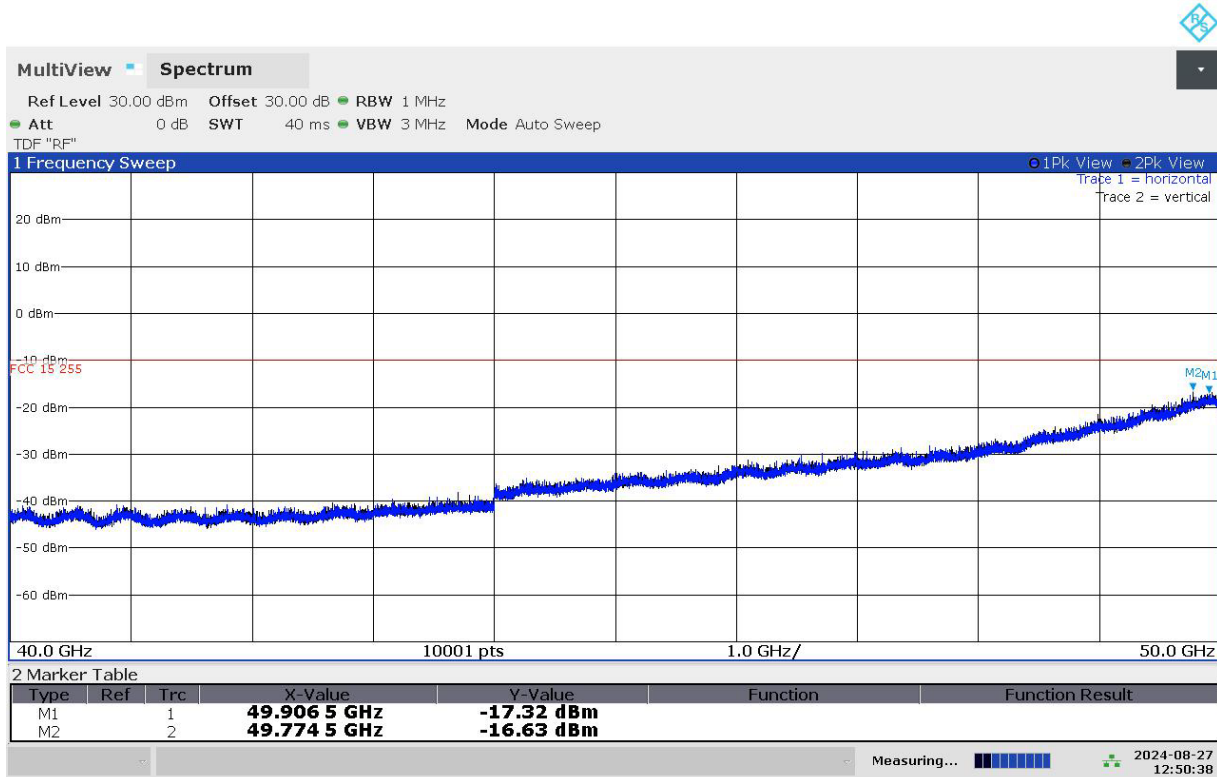
01:17:04 PM 08/28/2024

Marker	Frequency (GHz)	Det	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Polarity
1	39.60	Pk	-44.74	-41.23	-3.51	-21.23	-23.51	H
2	39.08	Pk	-44.56	-41.23	-3.33	-21.23	-23.33	V

Pk - Peak detector

**SPURIOUS EMISSIONS 40 GHz TO 50 GHz**

Channel 1

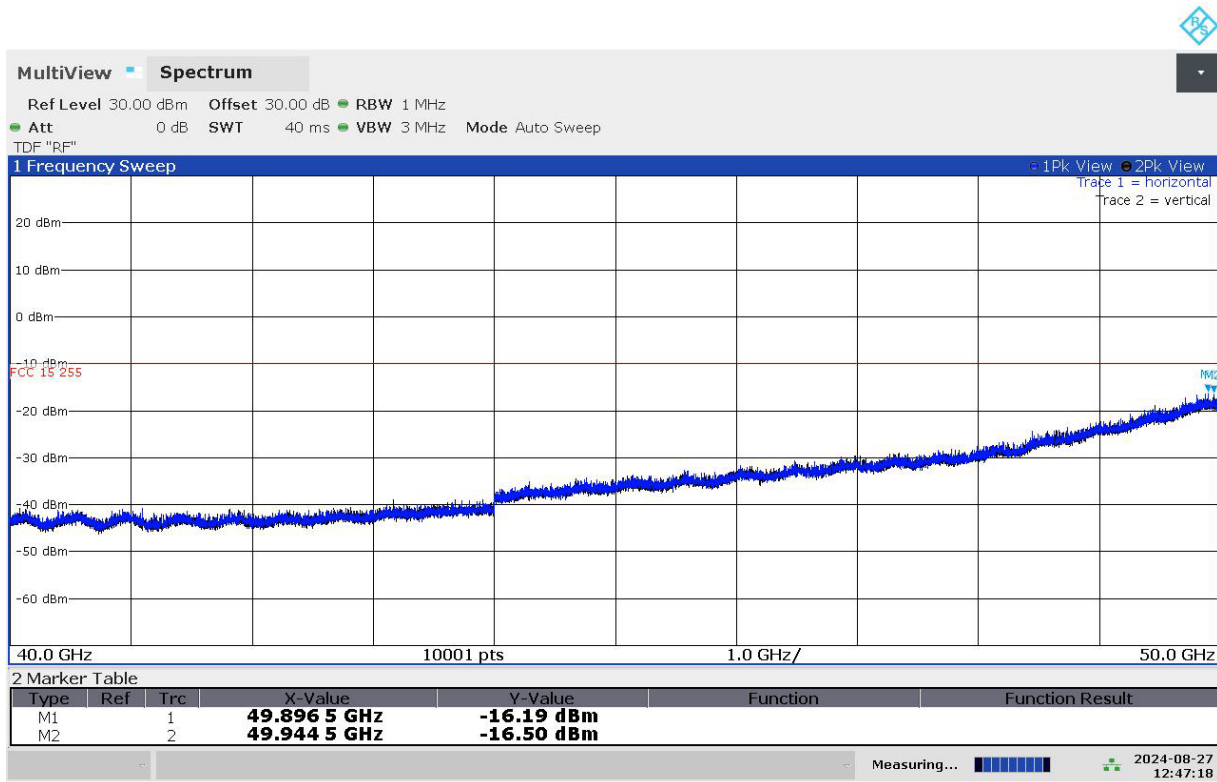


12:50:38 PM 08/27/2024

Marker	Frequency (GHz)	Det	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Polarity
1	49.91	Pk	-17.32	-9.92	-7.4	H
2	49.77	Pk	-16.63	-9.92	-6.71	V

Pk - Peak detector

Channel 2

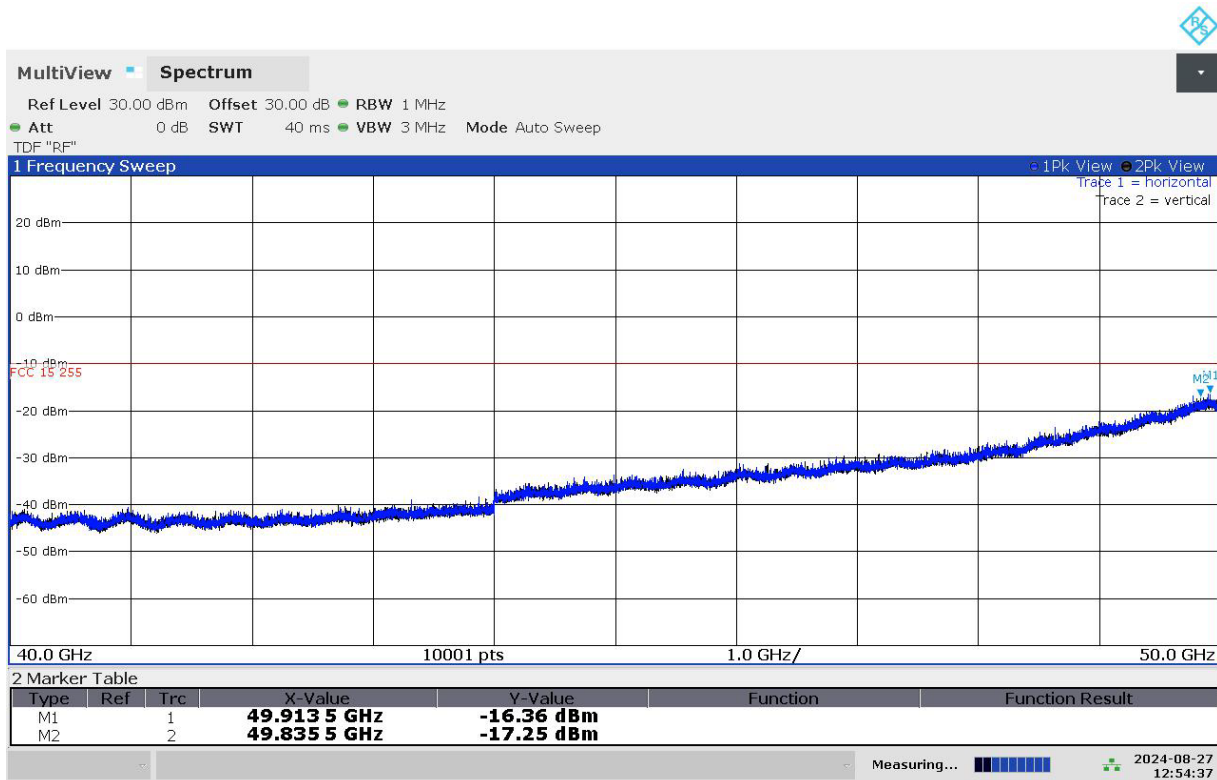


12:47:18 PM 08/27/2024

Marker	Frequency (GHz)	Det	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Polarity
1	49.90	Pk	-16.19	-9.92	-6.27	H
2	49.94	Pk	-16.50	-9.92	-6.58	V

Pk - Peak detector

Channel 4



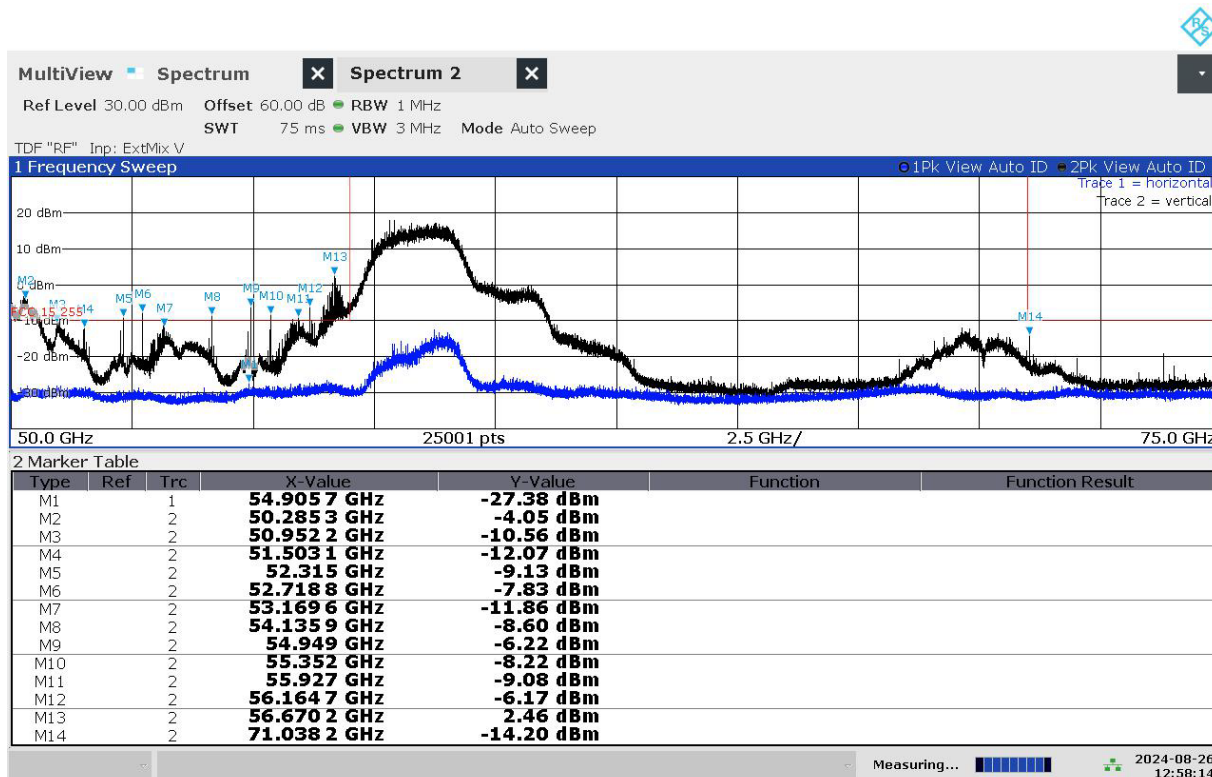
12:54:37 PM 08/27/2024

Marker	Frequency (GHz)	Det	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Polarity
1	49.91	Pk	-16.36	-9.92	-6.44	H
2	49.84	Pk	-17.25	-9.92	-7.33	V

Pk - Peak detector

**SPURIOUS EMISSIONS 50 GHz TO 75 GHz**

Channel 1



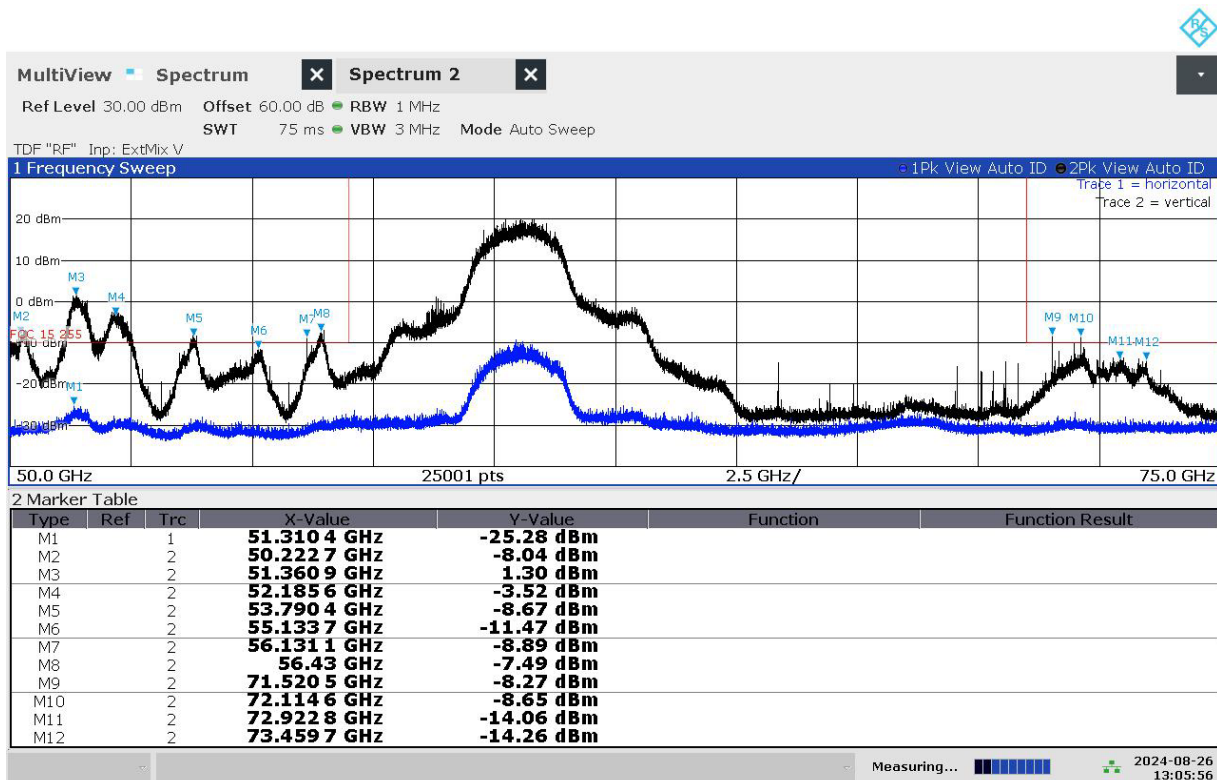
12:58:15 PM 08/26/2024

Note: The above scan is a Prescan only, using Peak Detection. Subsequent follow-up Average measurements (see table below) were made in the 50-57GHz range using a filter that rejected out the fundamental in order to show compliance to the limit in the spurious domain.

Marker	Frequency (GHz)	Det	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Polarity
1	54.91	Pk	-27.38	-9.92	-17.46	H
2	50.29	Avg	-21.91	-9.92	-11.99	V
3	50.95	Avg	-22.4	-9.92	-12.48	V
4	51.50	Avg	-23.54	-9.92	-13.62	V
5	52.32	Avg	-27.26	-9.92	-17.34	V
6	52.72	Avg	-26.66	-9.92	-16.74	V
7	53.17	Avg	-25.05	-9.92	-15.13	V
8	54.14	Avg	-24.68	-9.92	-14.76	V
9	54.95	Avg	-28.92	-9.92	-19	V
10	55.35	Avg	-28.74	-9.92	-18.82	V
11	55.93	Avg	-28.92	-9.92	-19	V
12	56.16	Avg	-17.33	-9.92	-7.41	V
13	56.67	Avg	-27.46	-9.92	-17.54	V
14	71.04	Avg	-21.91	-9.92	-11.99	V

Pk - Peak detector  
 Avg - Average detector

Channel 2



01:05:56 PM 08/26/2024

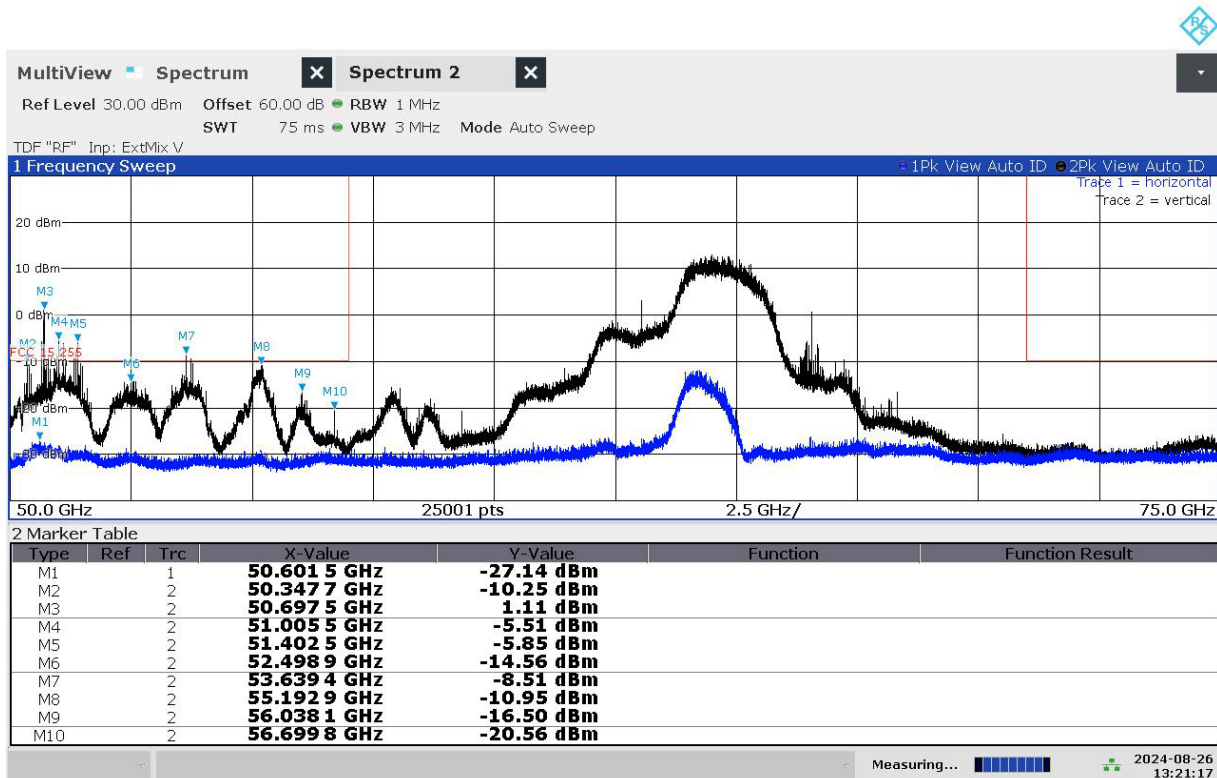
Note: The above scan is a Prescan only, using Peak Detection. Subsequent follow-up Average measurements (see table below) were made in the 50-57GHz range using a filter that rejected out the fundamental in order to show compliance to the limit in the spurious domain.

Marker	Frequency (GHz)	Det	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Polarity
1	51.31	Pk	-25.28	-9.92	-15.36	H
2	50.22	Avg	-15.18	-9.92	-5.26	V
3	51.36	Avg	-32.86	-9.92	-22.94	V
4	52.19	Avg	-12.37	-9.92	-2.45	V
5	53.79	Avg	-19.91	-9.92	-9.99	V
6	55.13	Avg	-22.45	-9.92	-12.53	V
7	56.12	Avg	-28.96	-9.92	-19.04	V
8	56.43	Avg	-19.47	-9.92	-9.55	V
9	71.52	Avg	-22.75	-9.92	-12.83	V
10	72.11	Avg	-23.81	-9.92	-13.89	V
11	72.92	Avg	-23.44	-9.92	-13.52	V
12	73.46	Avg	-24.67	-9.92	-14.75	V

Pk - Peak detector  
 Avg - Average detector



Channel 4



01:21:18 PM 08/26/2024

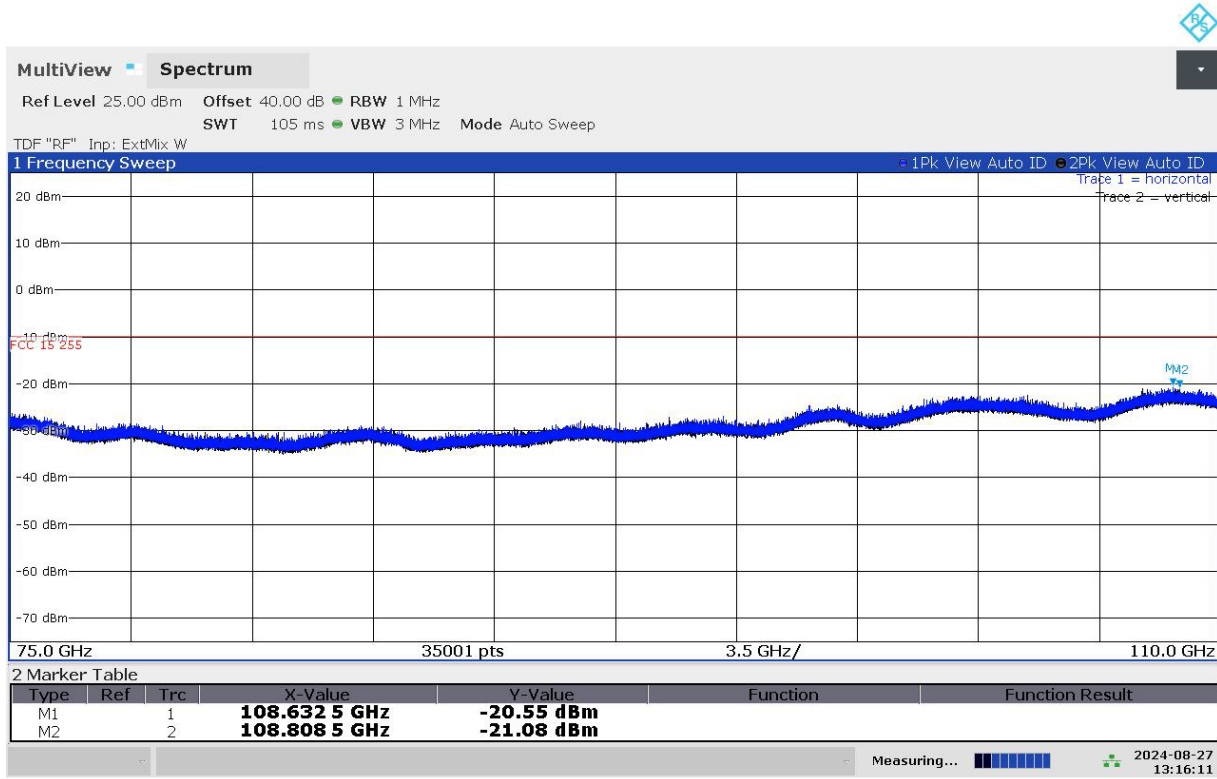
Note: The above scan is a Prescan only, using Peak Detection. Subsequent follow-up Average measurements (see table below) were made in the 50-57GHz range using a filter that rejected out the fundamental in order to show compliance to the limit in the spurious domain.

Marker	Frequency (GHz)	Det	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Polarity
1	50.60	Pk	-27.14	-9.92	-17.22	H
2	50.35	Avg	-14.17	-9.92	-4.25	V
3	50.70	Avg	-12.41	-9.92	-2.49	V
4	51.01	Avg	-17.38	-9.92	-7.46	V
5	51.40	Avg	-13.02	-9.92	-3.1	V
6	52.50	Avg	-21.04	-9.92	-11.12	V
7	53.64	Avg	-19.05	-9.92	-9.13	V
8	55.19	Avg	-18.81	-9.92	-8.89	V
9	56.04	Pk	-16.50	-9.92	-6.58	V
10	56.70	Pk	-20.56	-9.92	-10.64	V

Pk - Peak detector  
Avg - Average detector

**SPURIOUS EMISSIONS 75 GHz TO 110 GHz**

Channel 1

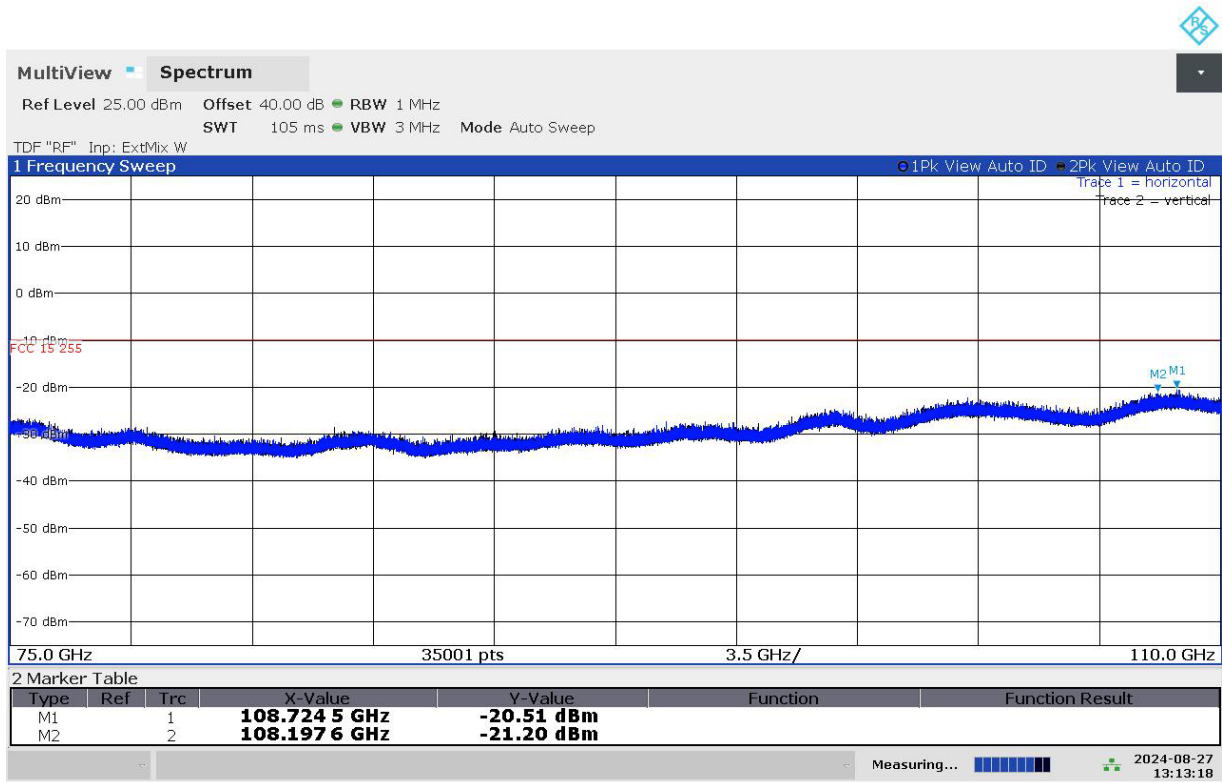


01:16:12 PM 08/27/2024

Marker	Frequency (GHz)	Det	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Polarity
1	108.63	Pk	-20.55	-9.92	-10.63	H
2	108.81	Pk	-21.08	-9.92	-11.16	V

Pk - Peak detector

Channel 2

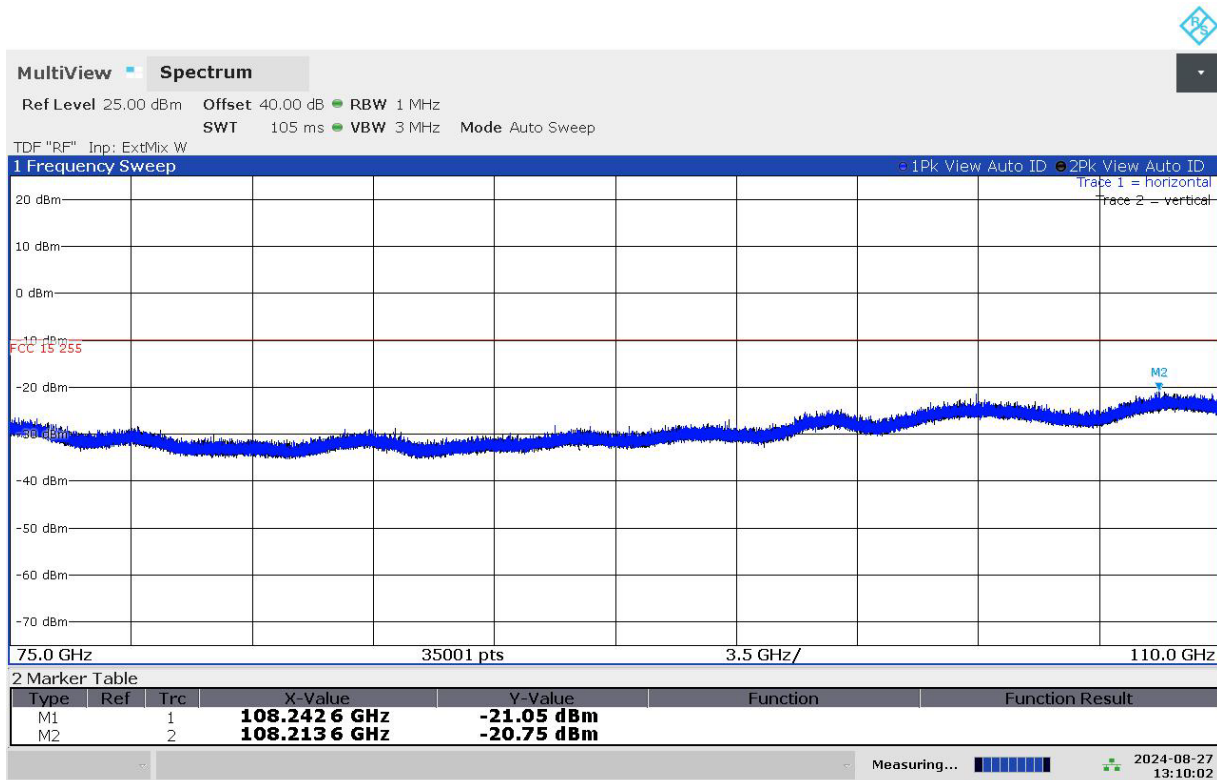


01:13:18 PM 08/27/2024

Marker	Frequency (GHz)	Det	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Polarity
1	108.72	Pk	-20.51	-9.92	-10.59	H
2	108.20	Pk	-21.20	-9.92	-11.28	V

Pk - Peak detector

Channel 4



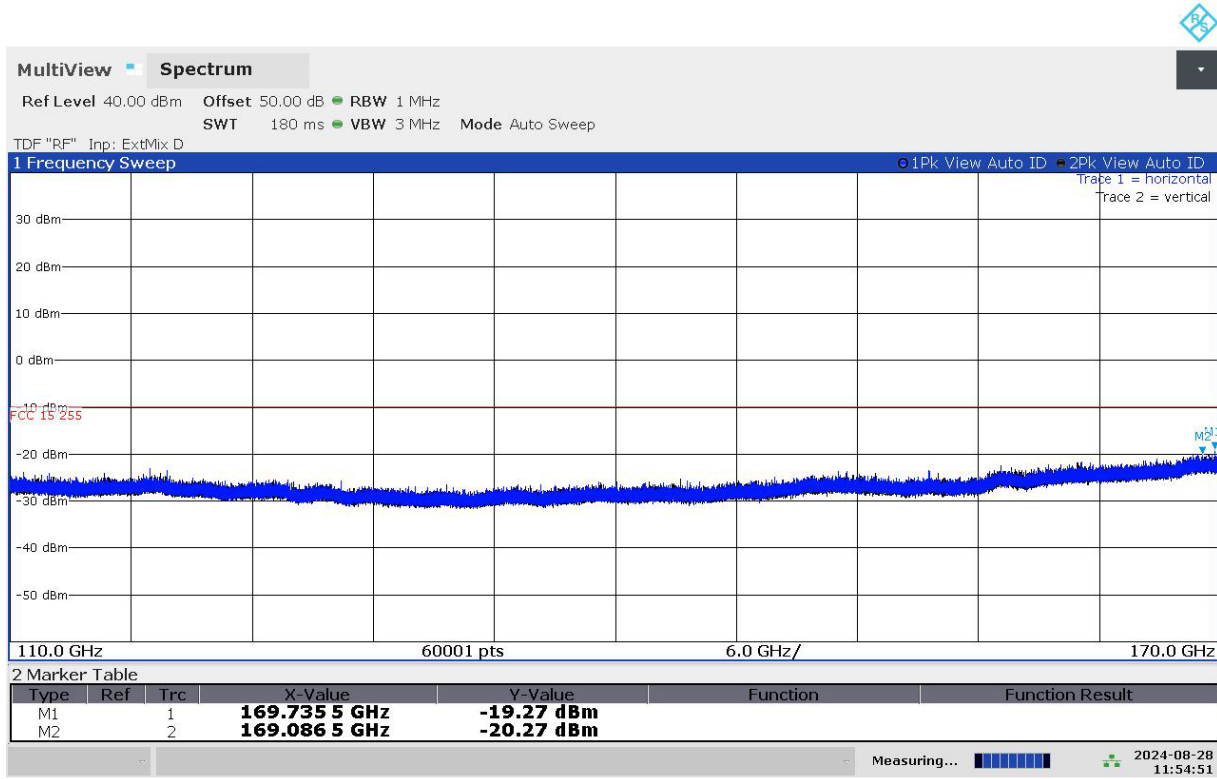
01:10:02 PM 08/27/2024

Marker	Frequency (GHz)	Det	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Polarity
1	108.24	Pk	-21.05	-9.92	-11.13	H
2	108.21	Pk	-20.75	-9.92	-10.83	V

Pk - Peak detector

**SPURIOUS EMISSIONS 110 GHz TO 170 GHz**

Channel 2



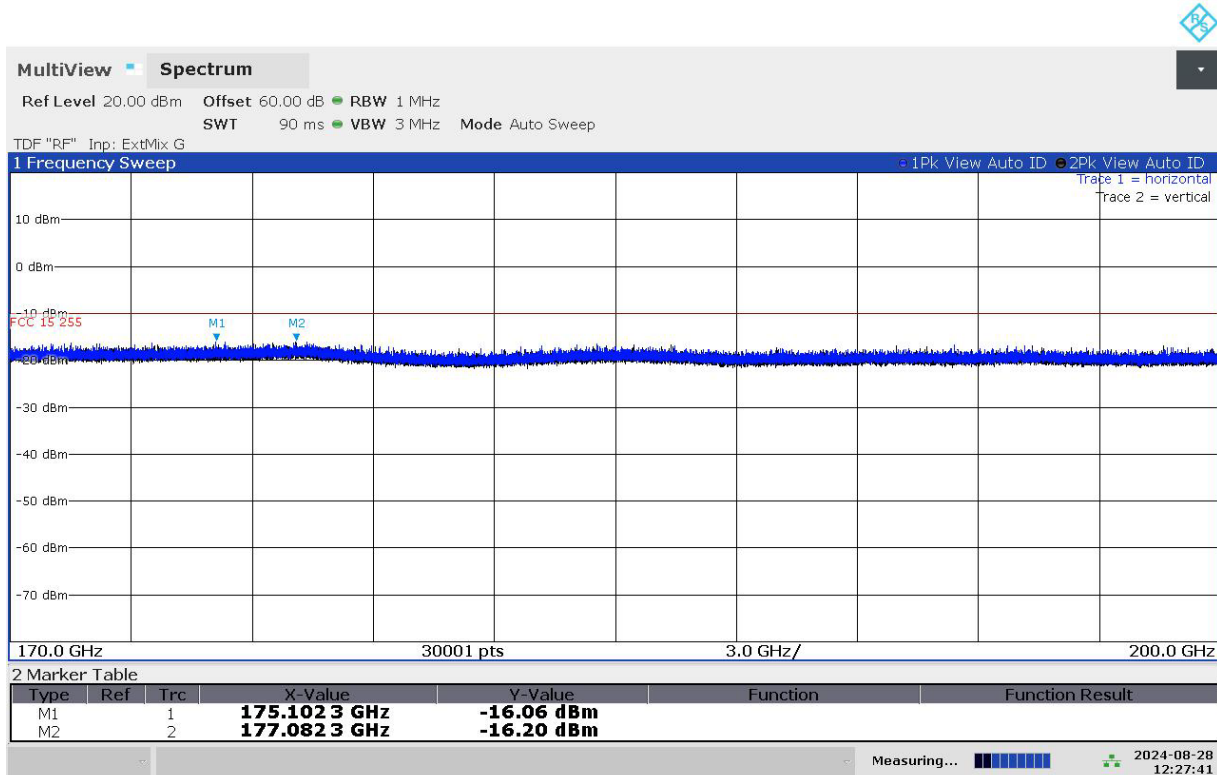
11:54:52 AM 08/28/2024

Marker	Frequency (GHz)	Det	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Polarity
1	169.74	Pk	-19.27	-9.92	-9.35	H
2	169.09	Pk	-20.27	-9.92	-10.35	V

Pk - Peak detector

**SPURIOUS EMISSIONS 170 GHz TO 200 GHz**

Channel 2



12:27:41 PM 08/28/2024

Marker	Frequency (GHz)	Det	Corrected Reading (dBm)	Avg Limit (dBm)	Margin (dB)	Polarity
1	175.10	Pk	-16.06	-9.92	-6.14	H
2	177.08	Pk	-16.20	-9.92	-6.28	V

Pk - Peak detector

## 9.6. AC MAINS LINE CONDUCTED EMISSIONS

### REQUIREMENT

§15.207  
RSS-GEN, Section 7.2.2

Frequency range (MHz)	Limits (dBµV)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50

Notes:  
1. The lower limit shall apply at the transition frequencies  
2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.

### 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.

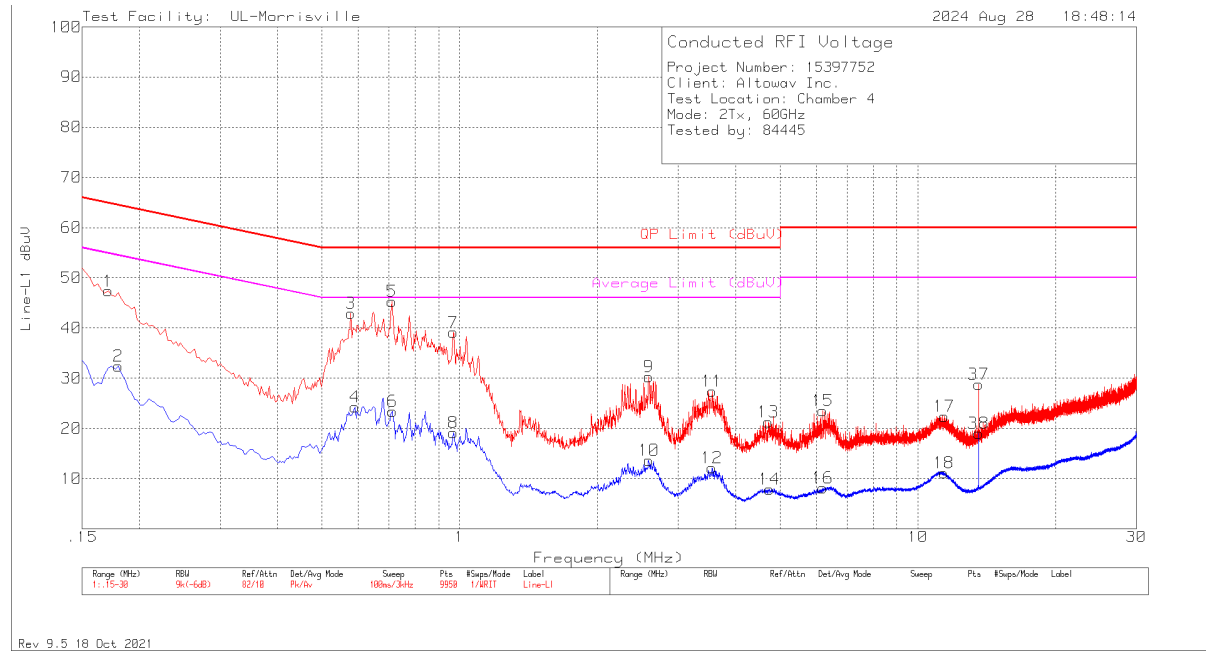
Line conducted data is recorded for both lines.

### TESTED BY

Employee IDs: 84445  
Test Dates: 2024-08-28  
Test Location: Conducted 1



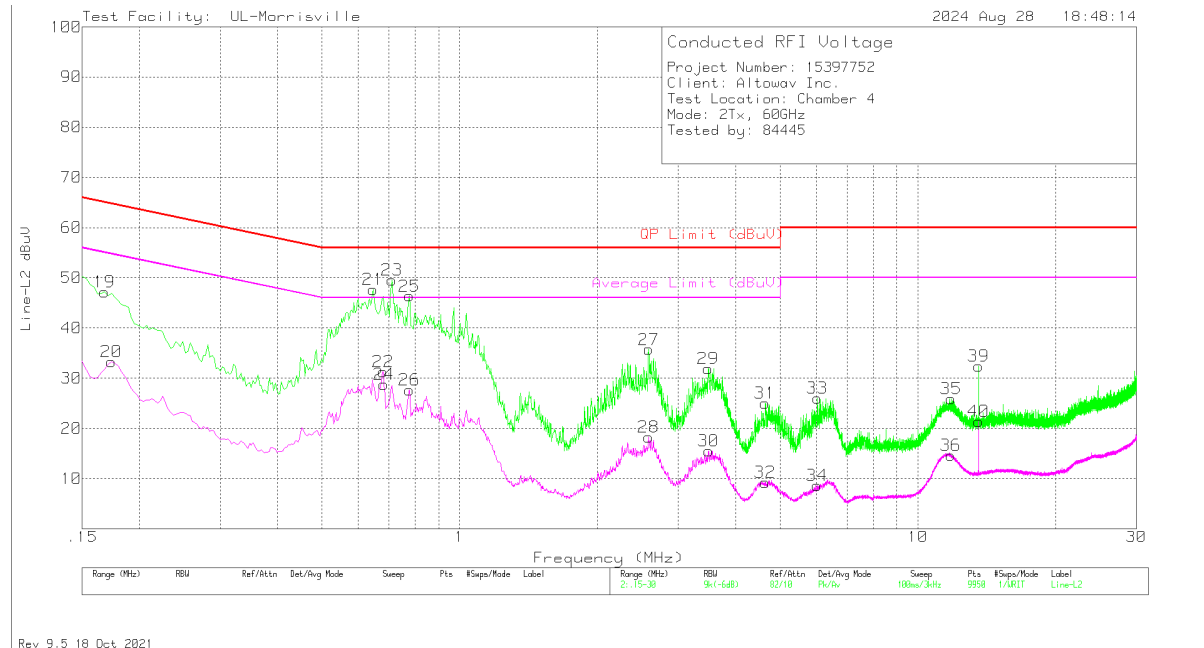
**LINE 1 RESULTS**



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	.171	37.37	Pk	.2	9.8	47.37	64.91	-17.54	-	-
2	.18	22.45	Av	.2	9.8	32.45	-	-	54.49	-22.04
3	.579	33.13	Pk	0	9.8	42.93	56	-13.07	-	-
4	.591	14.45	Av	0	9.8	24.25	-	-	46	-21.75
5	.711	35.5	Pk	0	9.8	45.3	56	-10.7	-	-
6	.714	13.58	Av	0	9.8	23.38	-	-	46	-22.62
7	.969	29.32	Pk	0	9.8	39.12	56	-16.88	-	-
8	.969	9.35	Av	0	9.8	19.15	-	-	46	-26.85
9	2.589	20.51	Pk	0	9.8	30.31	56	-25.69	-	-
10	2.589	3.79	Av	0	9.8	13.59	-	-	46	-32.41
11	3.558	17.5	Pk	0	9.9	27.4	56	-28.6	-	-
12	3.549	2.21	Av	0	9.9	12.11	-	-	46	-33.89
13	4.716	11.28	Pk	.1	9.9	21.28	56	-34.72	-	-
14	4.749	-2.15	Av	.1	9.9	7.85	-	-	46	-38.15
15	6.195	13.56	Pk	.1	9.9	23.56	60	-36.44	-	-
16	6.198	-1.92	Av	.1	9.9	8.08	-	-	50	-41.92
17	11.403	12.34	Pk	.1	10	22.44	60	-37.56	-	-
18	11.397	.99	Av	.1	10	11.09	-	-	50	-38.91
37	13.563	18.64	Pk	.1	10	28.74	60	-31.26	-	-
38	13.563	8.93	Av	.1	10	19.03	-	-	50	-30.97

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)
19	.168	37.14	Pk	.2	9.8	47.14	65.06	-17.92	-	-
20	.174	23.24	Av	.2	9.8	33.24	-	-	54.77	-21.53
21	.648	37.86	Pk	0	9.8	47.66	56	-8.34	-	-
22	.681	21.5	Av	0	9.8	31.3	-	-	46	-14.7
24	.684	19.03	Av	0	9.8	28.83	-	-	46	-17.17
23	.711	39.72	Pk	0	9.8	49.52	56	-6.48	-	-
25	.777	36.57	Pk	0	9.8	46.37	56	-9.63	-	-
26	.777	17.9	Av	0	9.8	27.7	-	-	46	-18.3
28	2.586	8.5	Av	0	9.8	18.3	-	-	46	-27.7
27	2.589	25.93	Pk	0	9.8	35.73	56	-20.27	-	-
29	3.486	22.14	Pk	0	9.8	31.94	56	-24.06	-	-
30	3.492	5.68	Av	0	9.8	15.48	-	-	46	-30.52
31	4.647	15.02	Pk	.1	9.9	25.02	56	-30.98	-	-
32	4.647	-0.71	Av	.1	9.9	9.29	-	-	46	-36.71
34	6.033	-1.37	Av	.1	9.9	8.63	-	-	50	-41.37
33	6.036	16.08	Pk	.1	9.9	26.08	60	-33.92	-	-
36	11.799	4.59	Av	.1	10	14.69	-	-	50	-35.31
35	11.802	15.83	Pk	.1	10	25.93	60	-34.07	-	-
40	13.56	11.32	Av	.1	10	21.42	-	-	50	-28.58
39	13.563	22.28	Pk	.1	10	32.38	60	-27.62	-	-

Pk - Peak detector  
 Av - Average detection

## 9.7. FREQUENCY STABILITY

### **REQUIREMENT**

#### **FCC**

§15.255 (f)

Fundamental emissions must be contained within the frequency bands specified in this section during all conditions of operation. Equipment is presumed to operate over the temperature range -20 to + 50 degrees Celsius with an input voltage variation of 85% to 115% of rated input voltage, unless justification is presented to demonstrate otherwise.

#### **ISED**

RSS-210 Clause J.6

Fundamental emissions shall be contained within the frequency bands specified in this annex during all conditions of operation when tested at the temperature and voltage variations specified for the frequency stability measurement in RSS-Gen.

### **TEST PROCEDURE**

ANSI C63.10-2020 Clause 9.5

The radio module is placed in an environmental chamber, with power furnished by an adjustable source. The occupied bandwidth is measured at each condition and compared with the reference condition.

The EUT is typically powered from a PoE injector that is sold with the EUT. The input voltage range of the PoE is 100-240Vac.

### **TESTED BY**

Employee IDs: 23854 / 84445

Test Dates: 2024-08-29

Test Location: Conducted 1

**RESULTS**

MODEL: D621

<b>Nominal Frequency:</b>	<b>58.32</b>	<b>GHz</b>				
<b>Voltage Range:</b>	<b>100-240</b>	<b>Vac</b>				
<b>Nominal Voltage:</b>	<b>120</b>	<b>Vac</b>				
Temperature (°C)	Voltage (V)	99% Bandwidth (GHz)	F <sub>low</sub> Limit (GHz)	F <sub>low</sub> (GHz)	F <sub>high</sub> (GHz)	F <sub>high</sub> Limit (GHz)
-20	120	2.474	57	57.18	59.55	71
-10	120	2.451	57	57.18	59.63	71
0	120	2.408	57	57.21	59.62	71
10	120	2.294	57	57.28	59.57	71
20	120	2.482	57	57.23	59.41	71
20	102	2.559	57	57.20	59.76	71
20	276	2.563	57	57.19	59.75	71
30	120	2.418	57	57.27	59.69	71
40	120	2.421	57	57.27	59.69	71
50	120	2.352	57	57.30	59.65	71

<b>Nominal Frequency:</b>	<b>64.8</b>	<b>GHz</b>				
<b>Voltage Range:</b>	<b>100-240</b>	<b>Vac</b>				
<b>Nominal Voltage:</b>	<b>120</b>	<b>Vac</b>				
Temperature (°C)	Voltage (V)	99% Bandwidth (GHz)	F <sub>low</sub> Limit (GHz)	F <sub>low</sub> (GHz)	F <sub>high</sub> (GHz)	F <sub>high</sub> Limit (GHz)
-20	120	2.464	57	63.35	65.82	71
-10	120	2.391	57	63.40	65.79	71
0	120	2.440	57	63.37	65.81	71
10	120	2.422	57	63.39	65.81	71
20	120	2.510	57	63.32	65.83	71
20	102	2.515	57	63.29	65.80	71
20	276	2.569	57	63.33	65.90	71
30	120	2.389	57	63.39	65.78	71
40	120	2.430	57	63.37	65.80	71
50	120	2.539	57	63.38	65.92	71

## **9.8. GROUP INSTALLATION**

### **REQUIREMENT**

#### **FCC**

§15.255 (h)

Any transmitter that has received the necessary FCC equipment authorization under the rules of this chapter may be mounted in a group installation for simultaneous operation with one or more other transmitter(s) that have received the necessary FCC equipment authorization, without any additional equipment authorization. However, no transmitter operating under the provisions of this section may be equipped with external phase-locking inputs that permit beam-forming arrays to be realized.

#### **ISED**

RSS-210 Clause J.7

Any transmitter that is certified under this annex may be mounted in a group installation for simultaneous operation with one or more certified transmitters, without any additional equipment authorization. However, no transmitter operating under the provisions of this annex shall be equipped with external phase-locking inputs that permit beam-forming arrays to be realized.

### **RESULTS**

The EUT does not have any external phase locking inputs for beam forming.

## 10. SETUP PHOTOS

Please refer to report R15397752-EP1 for setup photos.

**END OF TEST REPORT**