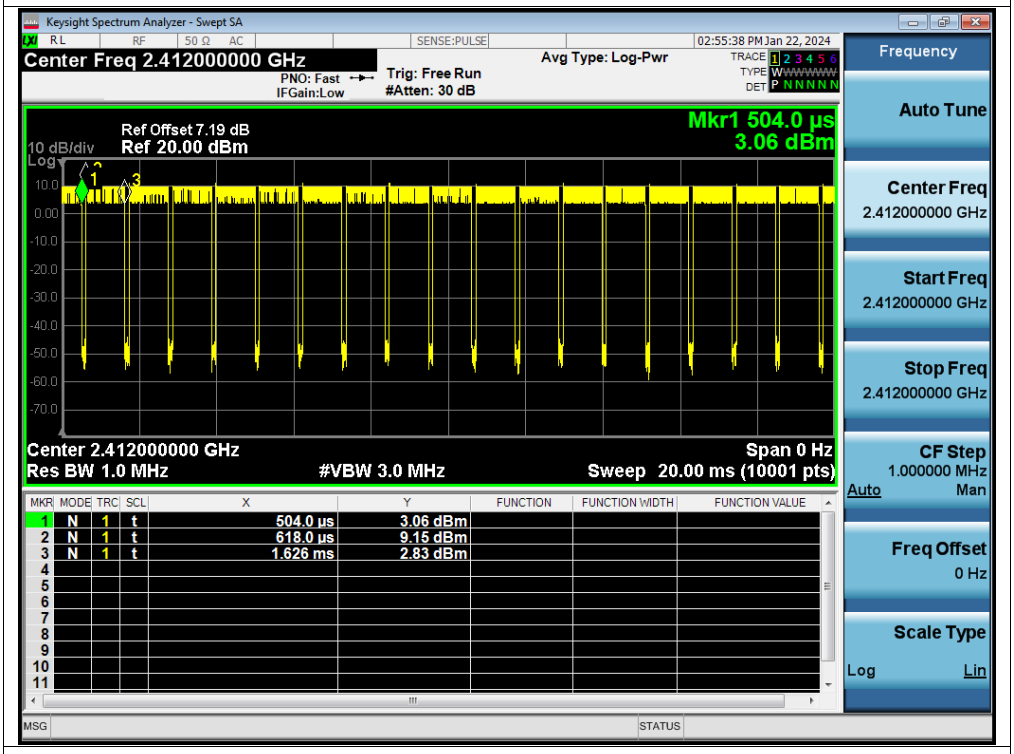
Appendix A

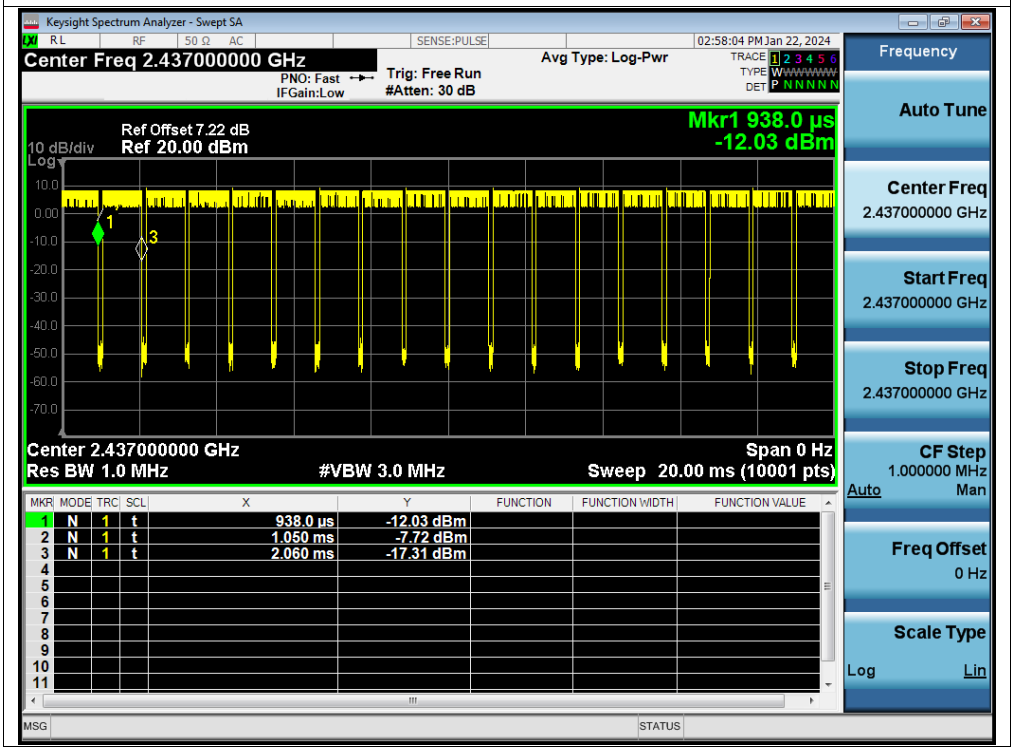
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	89.84	0.47	0.99
NVNT	b	2437	Ant1	90.02	0.46	0.99
NVNT	b	2462	Ant1	89.84	0.47	0.99
NVNT	g	2412	Ant1	90.09	0.45	1.62
NVNT	g	2437	Ant1	90.09	0.45	1.62
NVNT	g	2462	Ant1	90.09	0.45	1.62
NVNT	n20	2412	Ant1	89.74	0.47	1.63
NVNT	n20	2437	Ant1	90.03	0.46	1.63
NVNT	n20	2462	Ant1	90.03	0.46	1.63
NVNT	n40	2422	Ant1	90.03	0.46	1.63
NVNT	n40	2437	Ant1	89.74	0.47	1.63
NVNT	n40	2452	Ant1	90.03	0.46	1.63

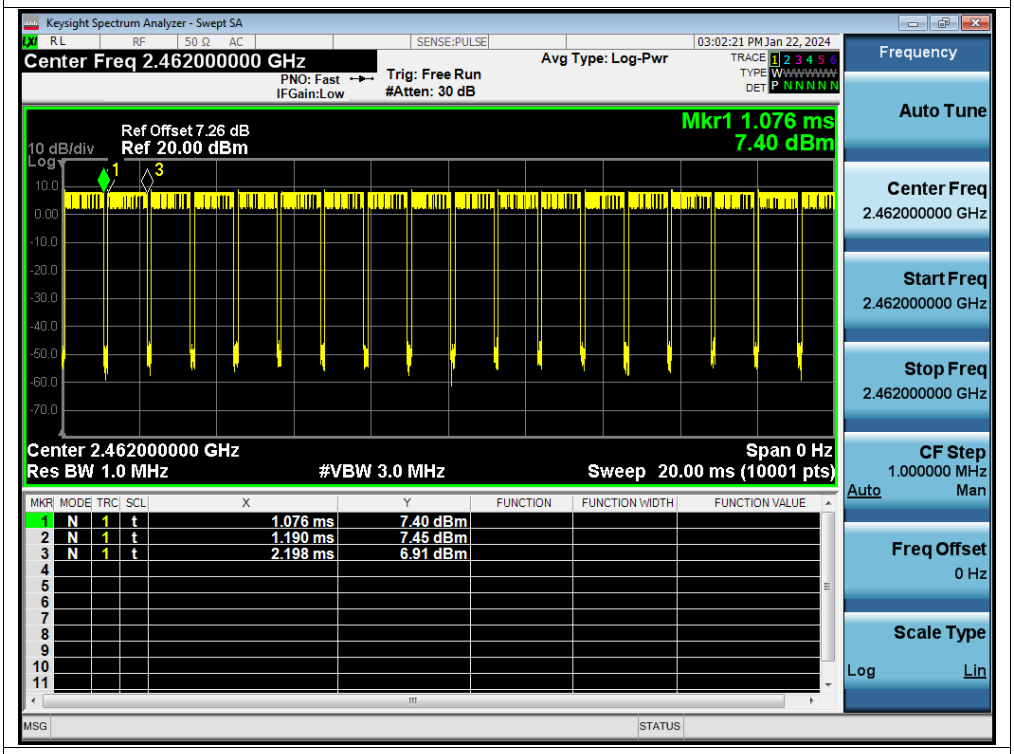
Test Graphs
Duty Cycle NVNT b 2412MHz Ant1



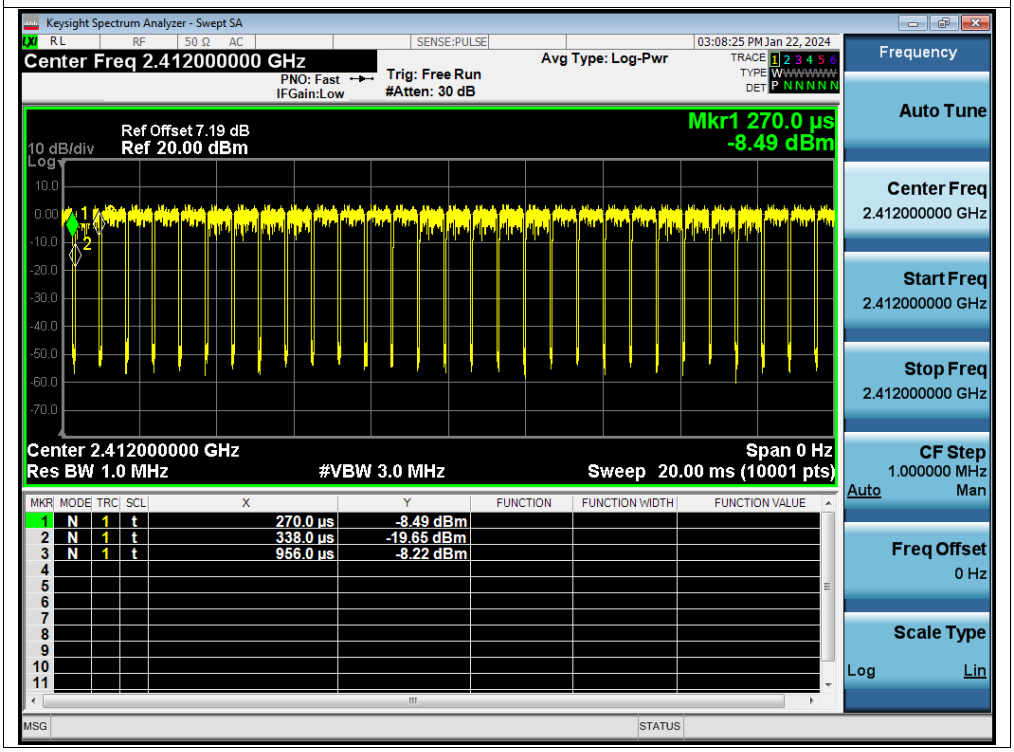
Duty Cycle NVNT b 2437MHz Ant1



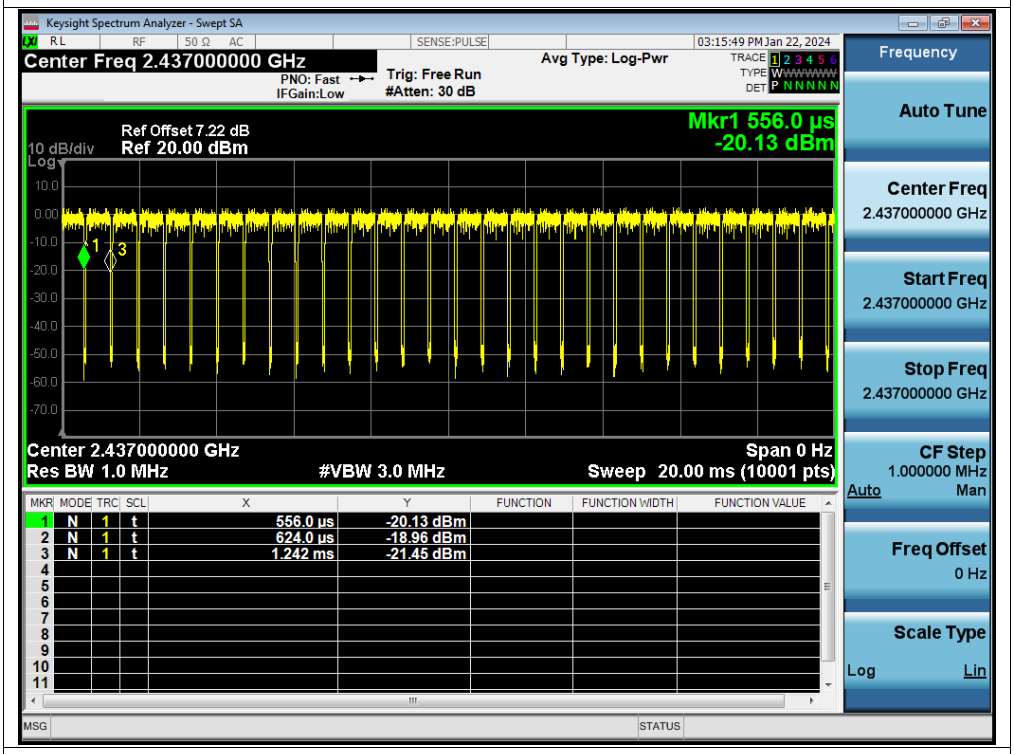
Duty Cycle NVNT b 2462MHz Ant1



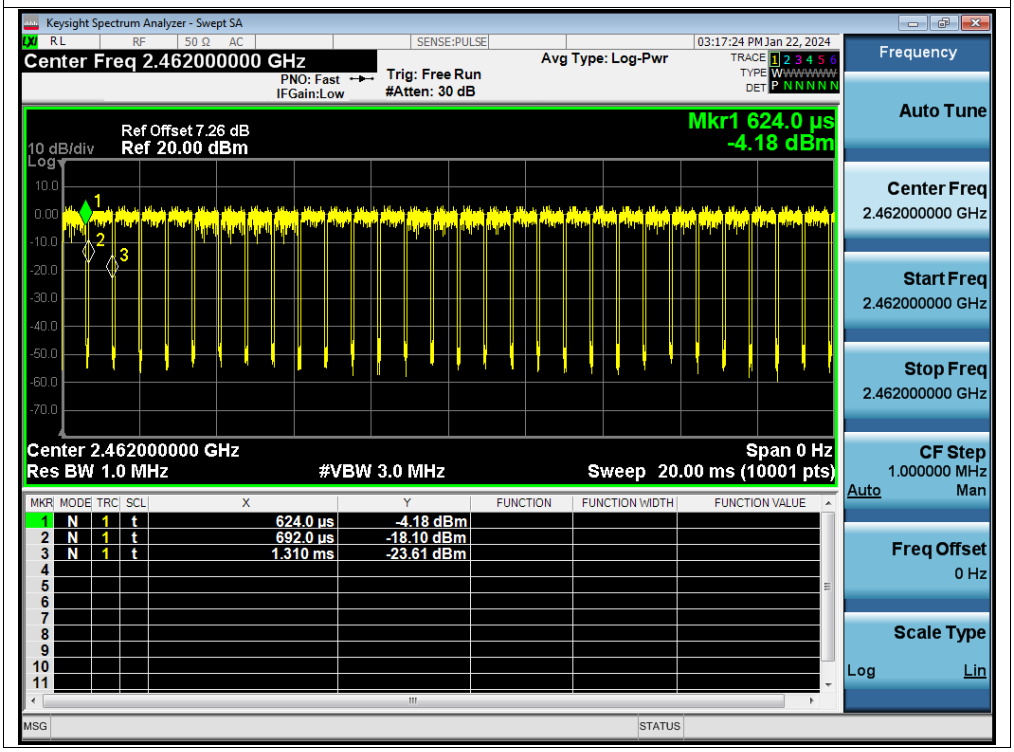
Duty Cycle NVNT g 2412MHz Ant1



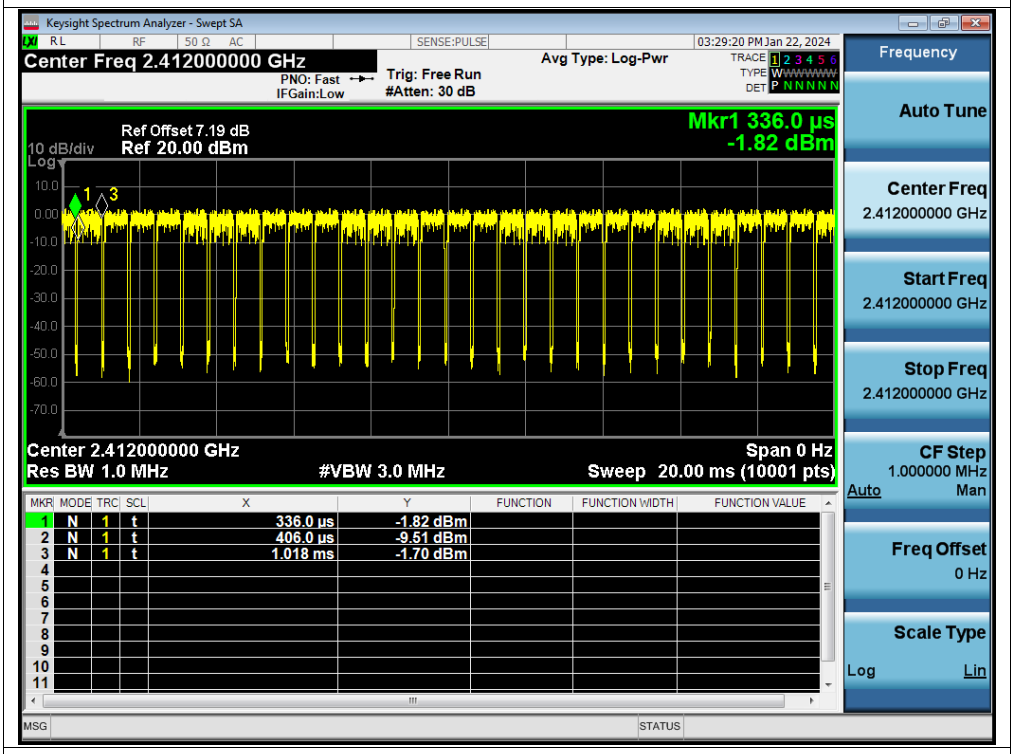
Duty Cycle NVNT g 2437MHz Ant1



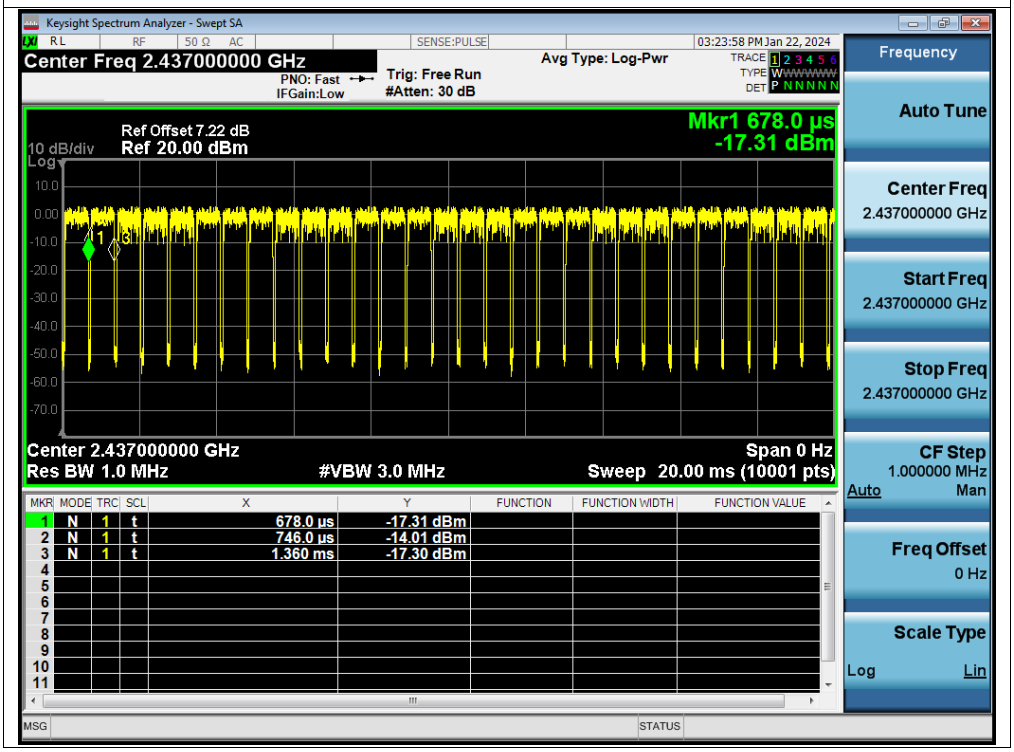
Duty Cycle NVNT g 2462MHz Ant1



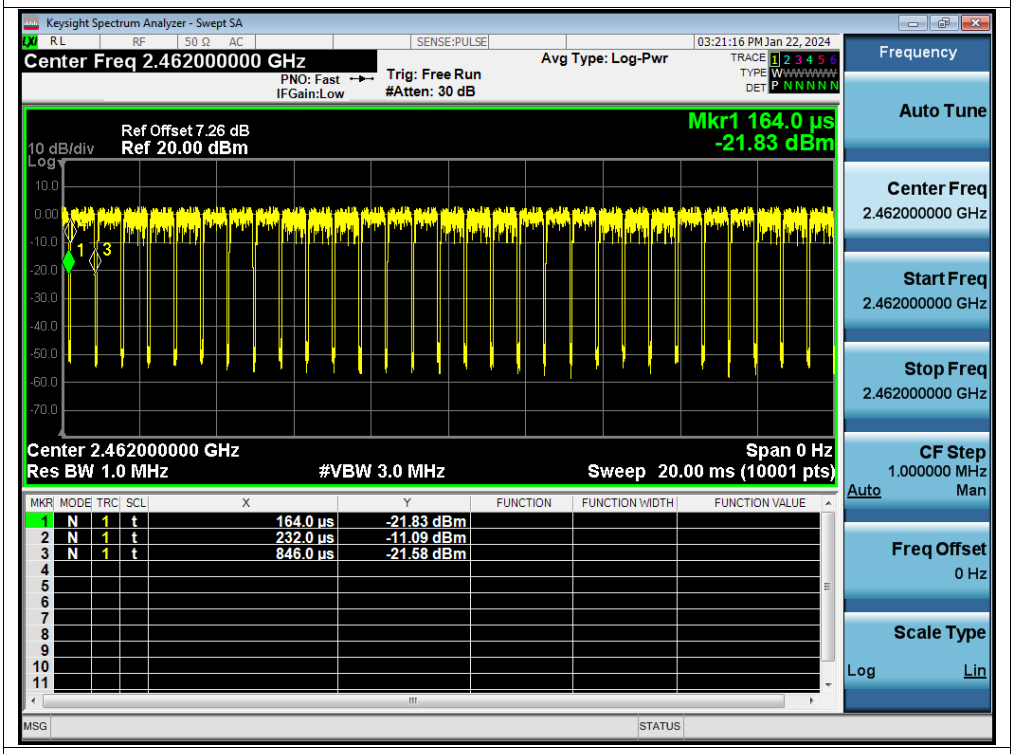
Duty Cycle NVNT n20 2412MHz Ant1



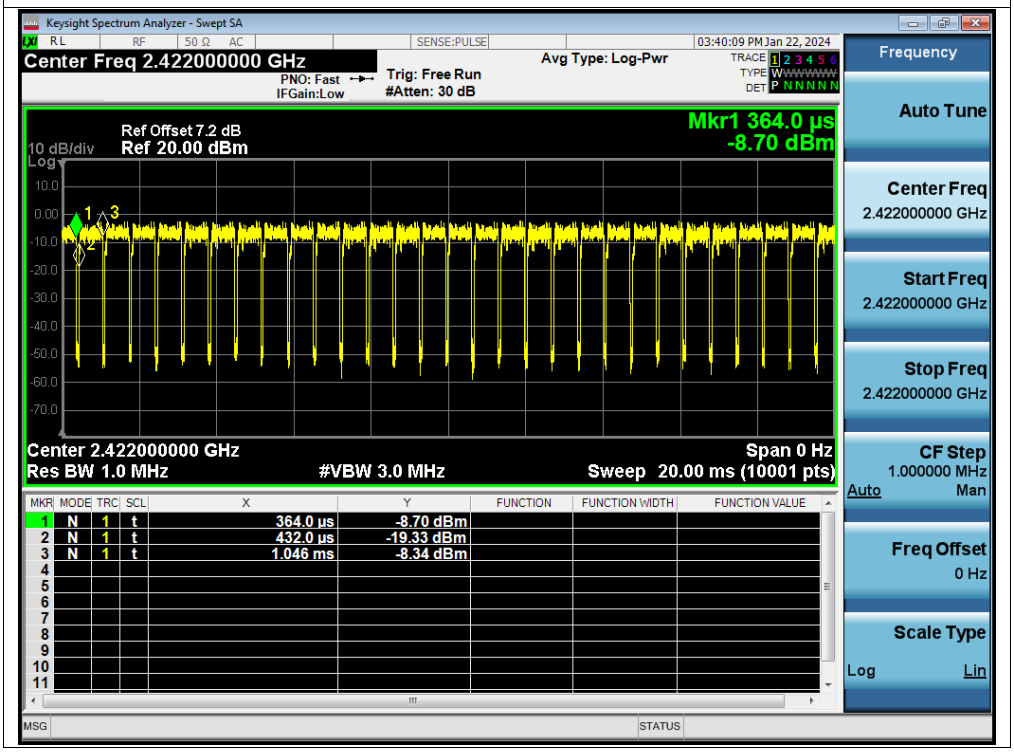
Duty Cycle NVNT n20 2437MHz Ant1



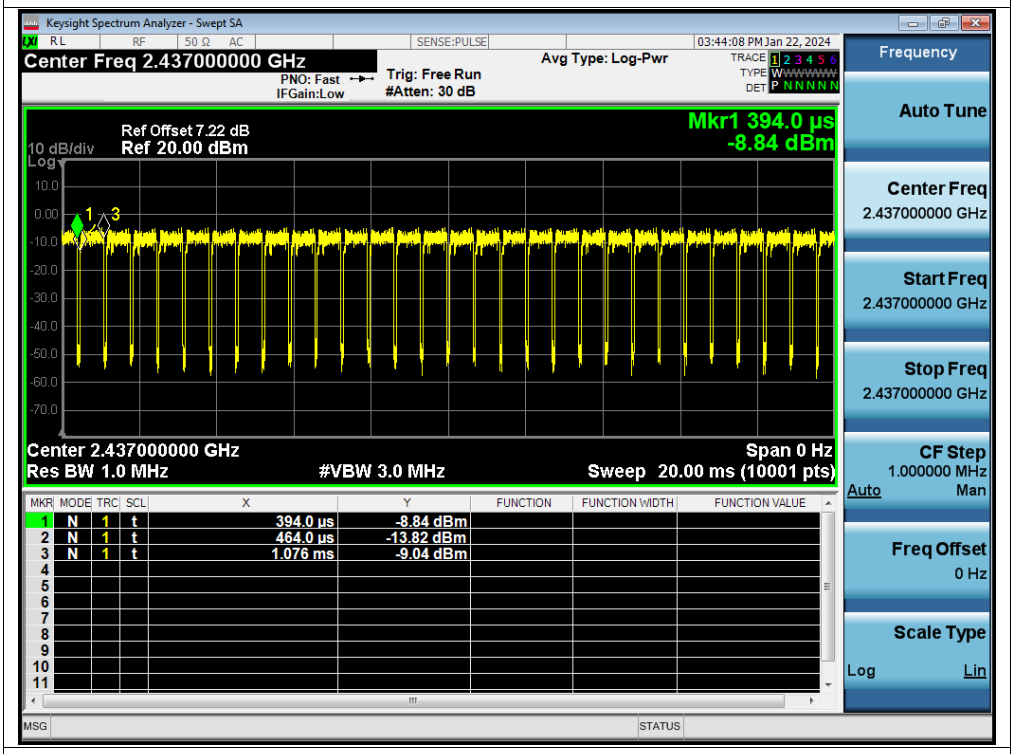
Duty Cycle NVNT n20 2462MHz Ant1



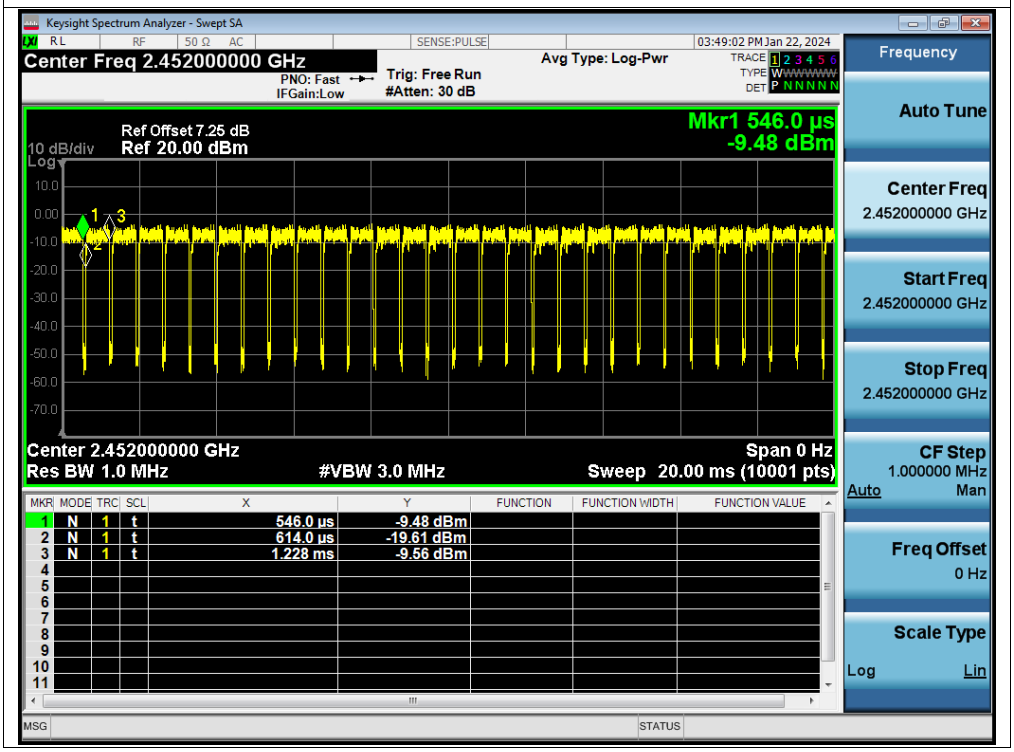
Duty Cycle NVNT n40 2422MHz Ant1



Duty Cycle NVNT n40 2437MHz Ant1



Duty Cycle NVNT n40 2452MHz Ant1



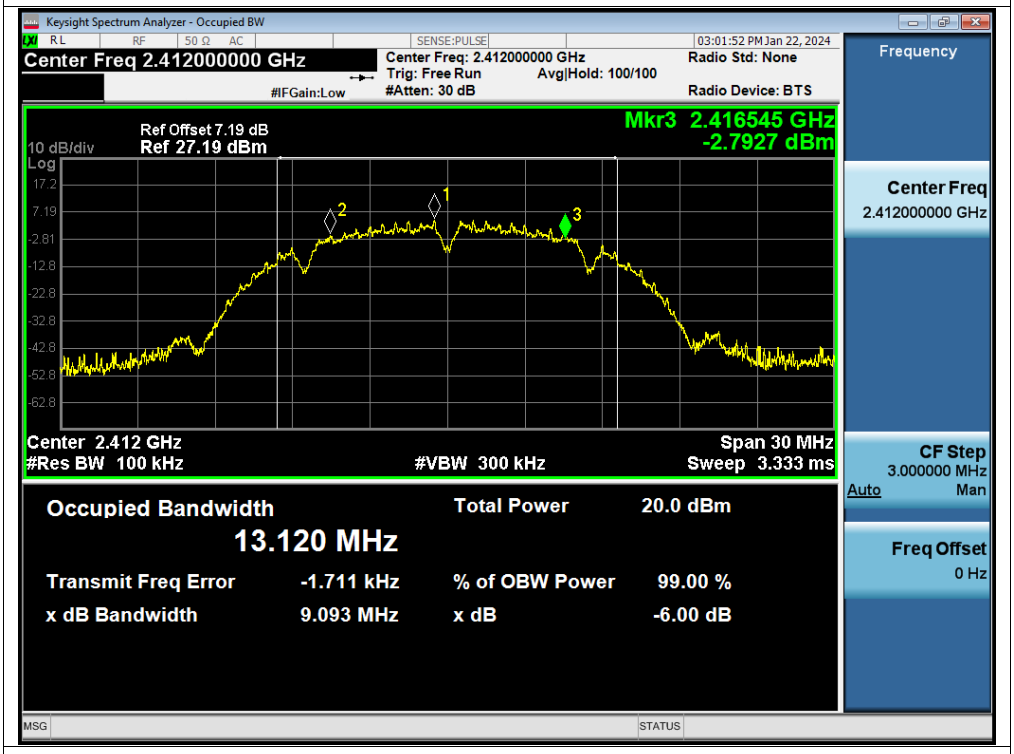
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	16.78	0	16.78	30	Pass
NVNT	b	2437	Ant1	16.56	0	16.56	30	Pass
NVNT	b	2462	Ant1	16.26	0	16.26	30	Pass
NVNT	g	2412	Ant1	15.68	0	15.68	30	Pass
NVNT	g	2437	Ant1	15.39	0	15.39	30	Pass
NVNT	g	2462	Ant1	15.1	0	15.1	30	Pass
NVNT	n20	2412	Ant1	14.35	0	14.35	30	Pass
NVNT	n20	2437	Ant1	14.32	0	14.32	30	Pass
NVNT	n20	2462	Ant1	14.1	0	14.1	30	Pass
NVNT	n40	2422	Ant1	13.49	0	13.49	30	Pass
NVNT	n40	2437	Ant1	13.55	0	13.55	30	Pass
NVNT	n40	2452	Ant1	13.05	0	13.05	30	Pass

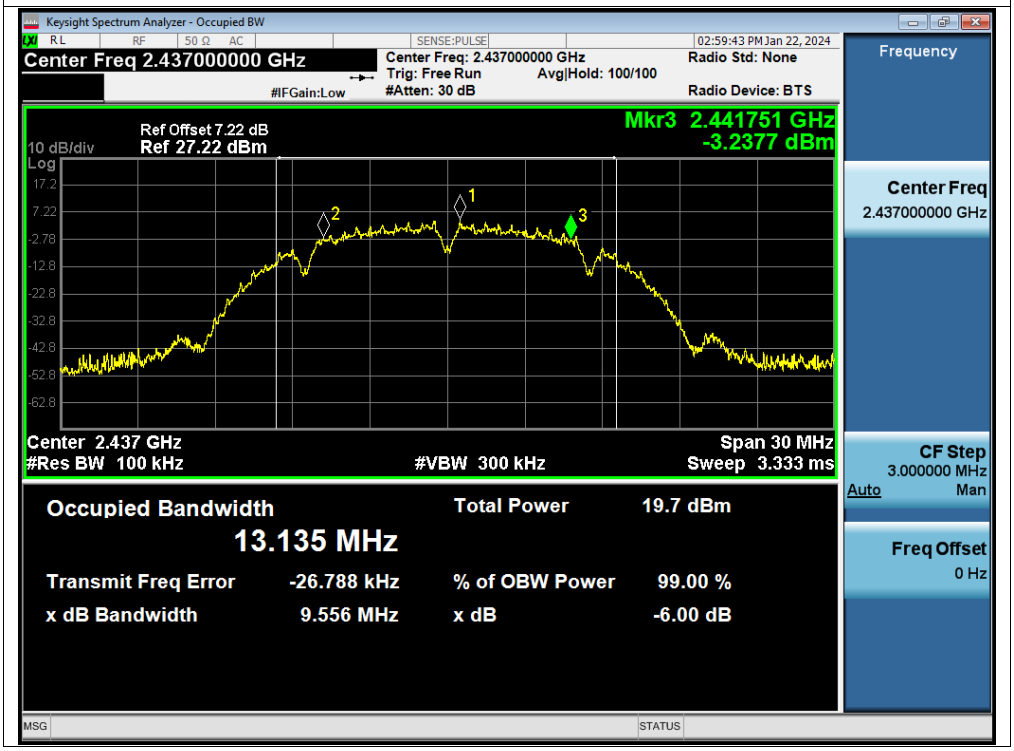
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.09	0.5	Pass
NVNT	b	2437	Ant1	9.56	0.5	Pass
NVNT	b	2462	Ant1	9.55	0.5	Pass
NVNT	g	2412	Ant1	16.32	0.5	Pass
NVNT	g	2437	Ant1	16.35	0.5	Pass
NVNT	g	2462	Ant1	16.35	0.5	Pass
NVNT	n20	2412	Ant1	17.57	0.5	Pass
NVNT	n20	2437	Ant1	17.57	0.5	Pass
NVNT	n20	2462	Ant1	17.58	0.5	Pass
NVNT	n40	2422	Ant1	36.34	0.5	Pass
NVNT	n40	2437	Ant1	36.33	0.5	Pass
NVNT	n40	2452	Ant1	36.33	0.5	Pass

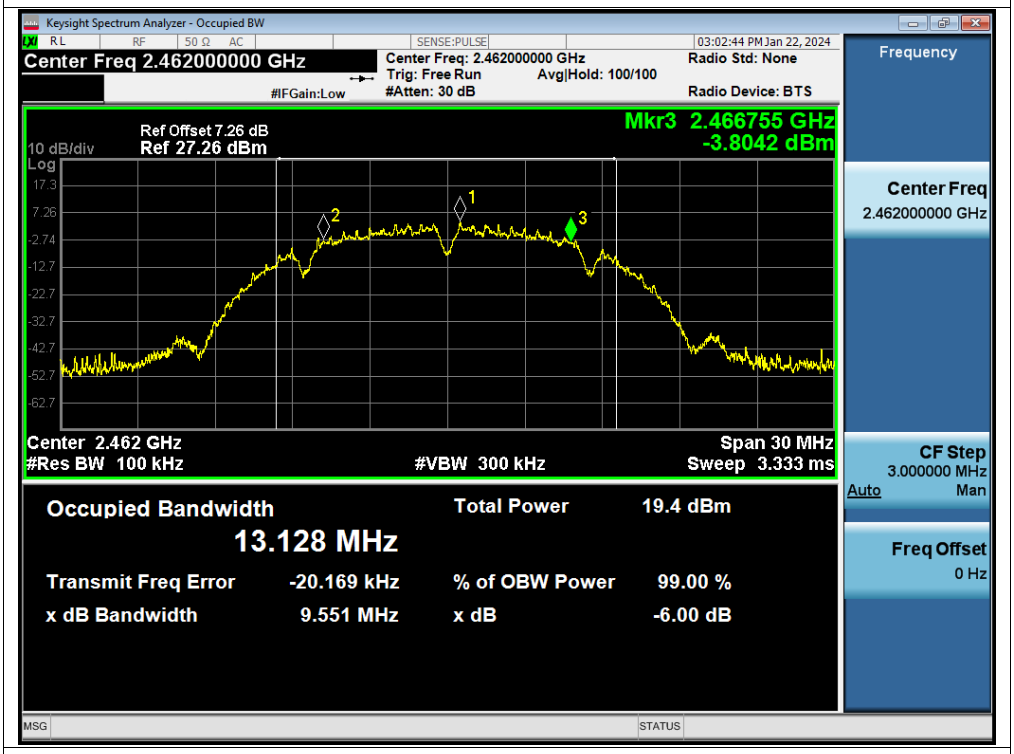
Test Graphs
-6dB Bandwidth NVNT b 2412MHz Ant1



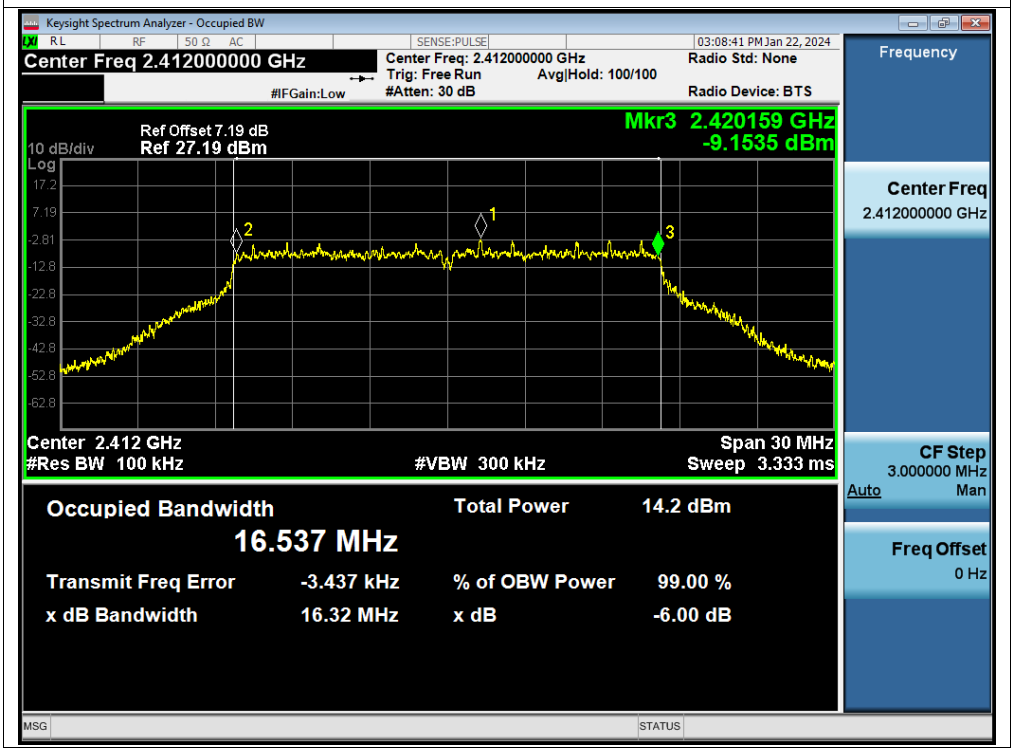
-6dB Bandwidth NVNT b 2437MHz Ant1



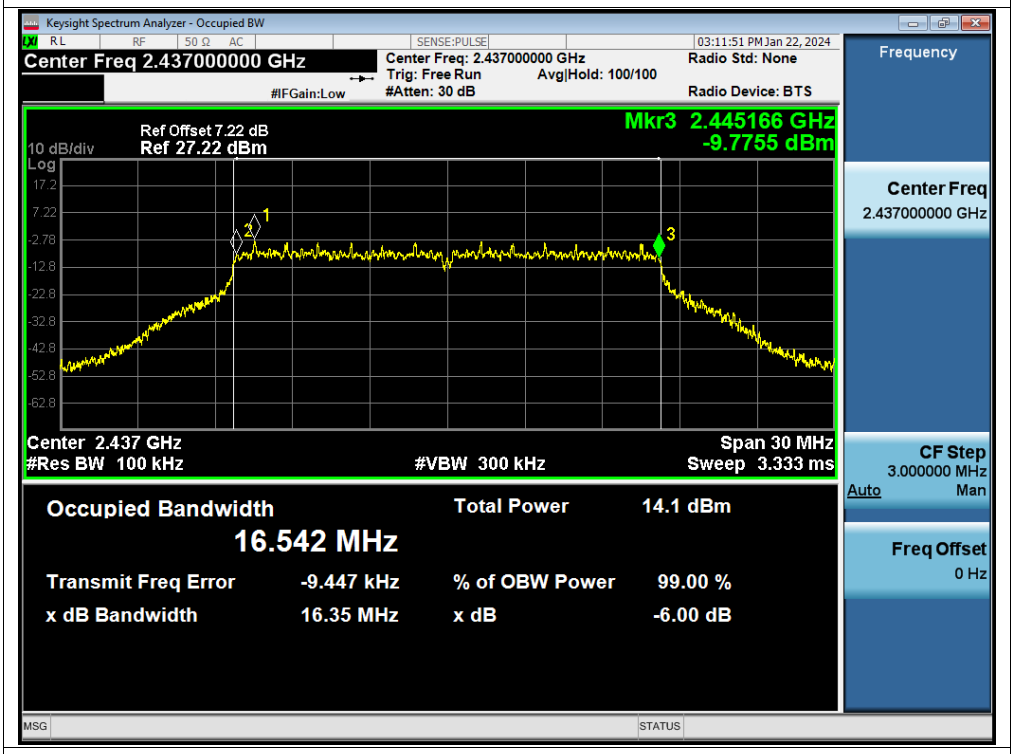
-6dB Bandwidth NVNT b 2462MHz Ant1



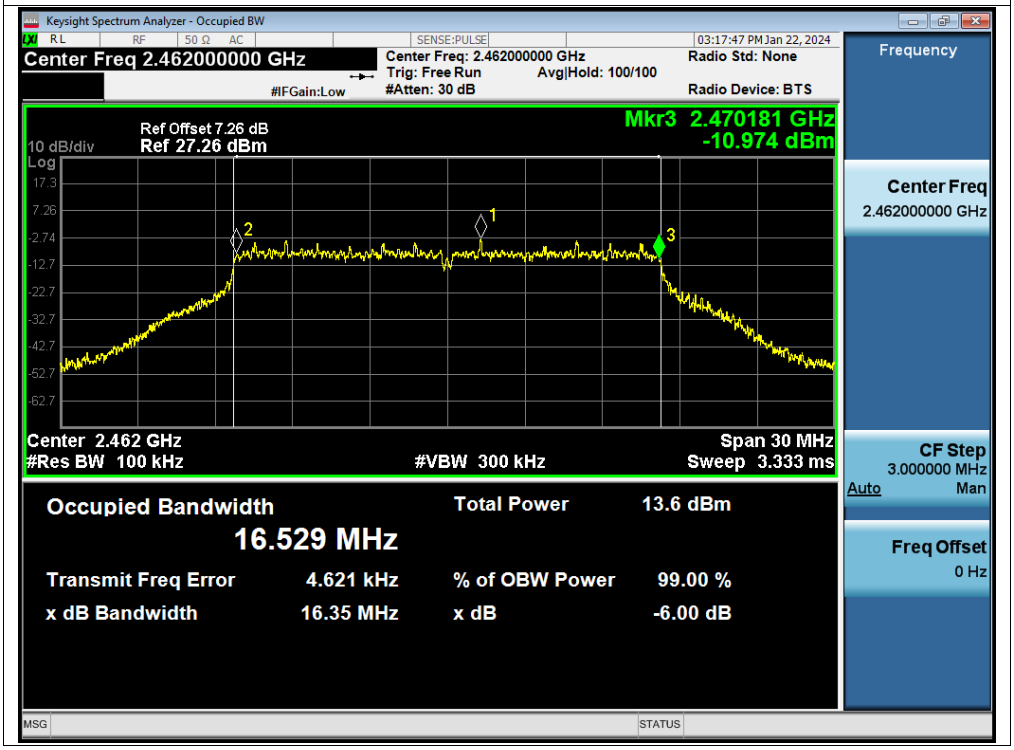
-6dB Bandwidth NVNT g 2412MHz Ant1



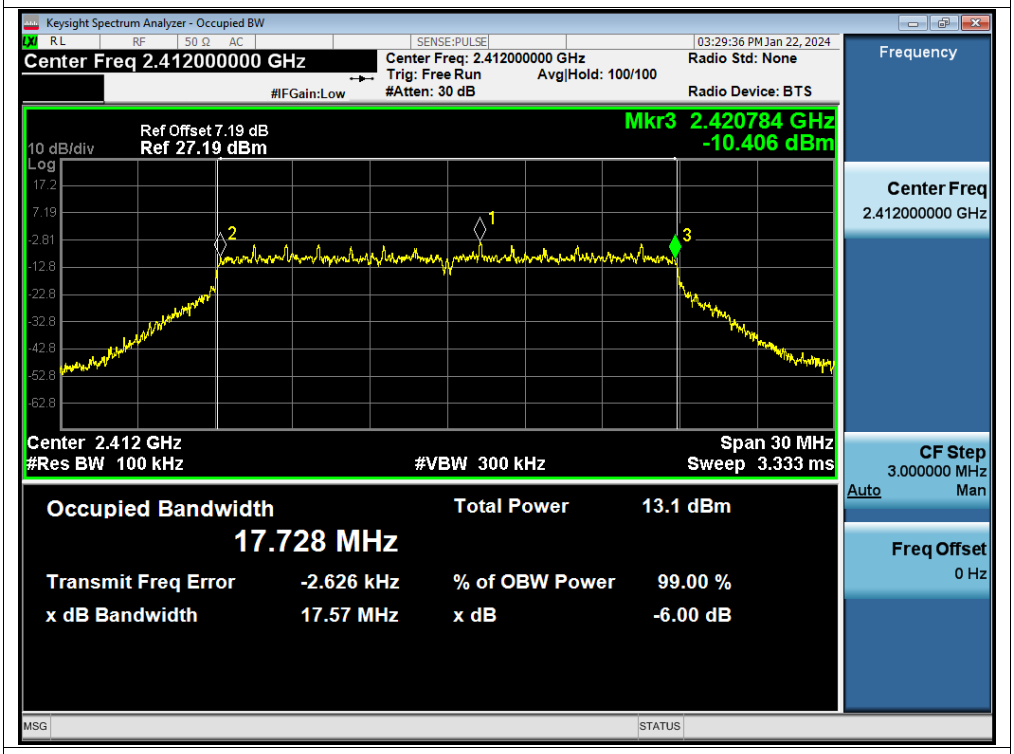
-6dB Bandwidth NVNT g 2437MHz Ant1



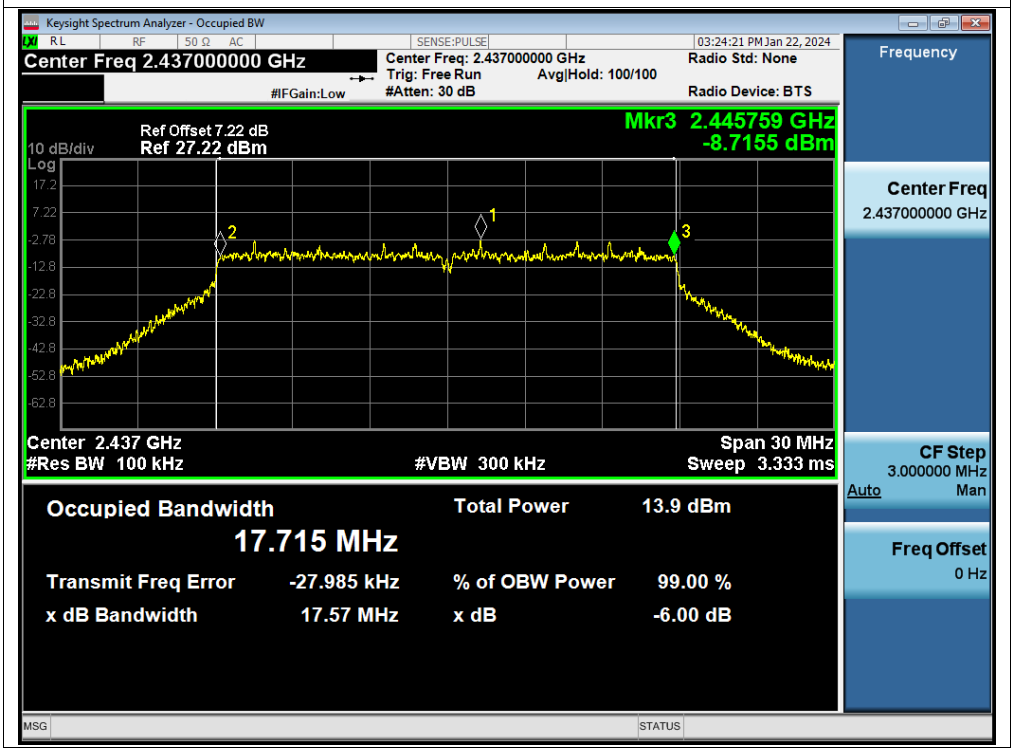
-6dB Bandwidth NVNT g 2462MHz Ant1



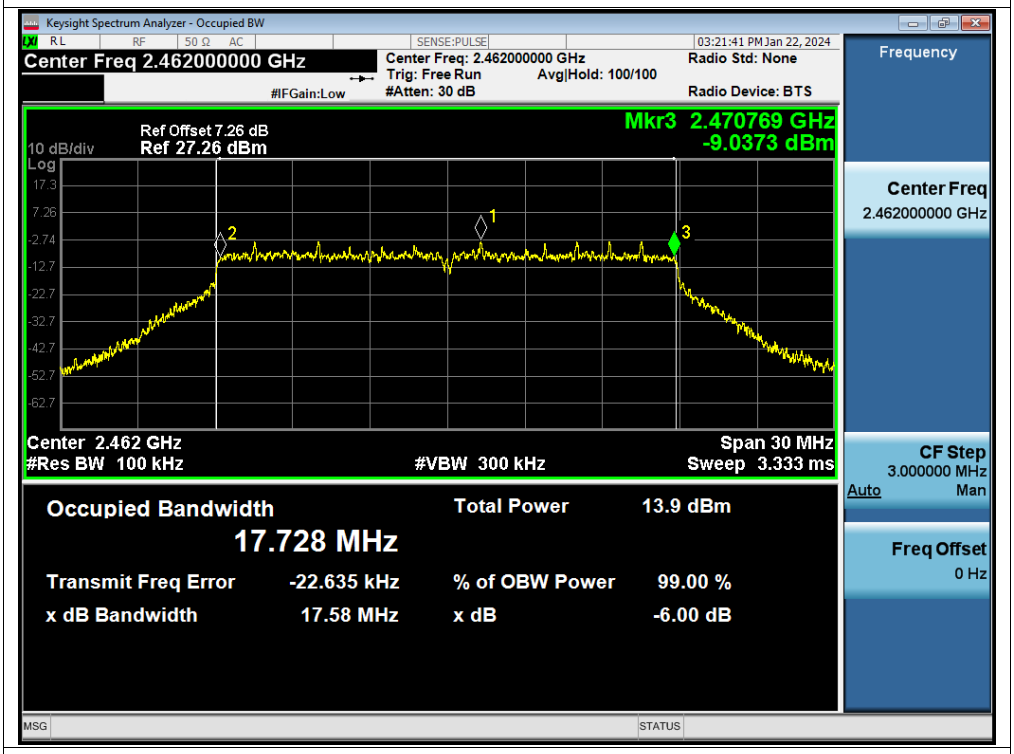
-6dB Bandwidth NVNT n20 2412MHz Ant1



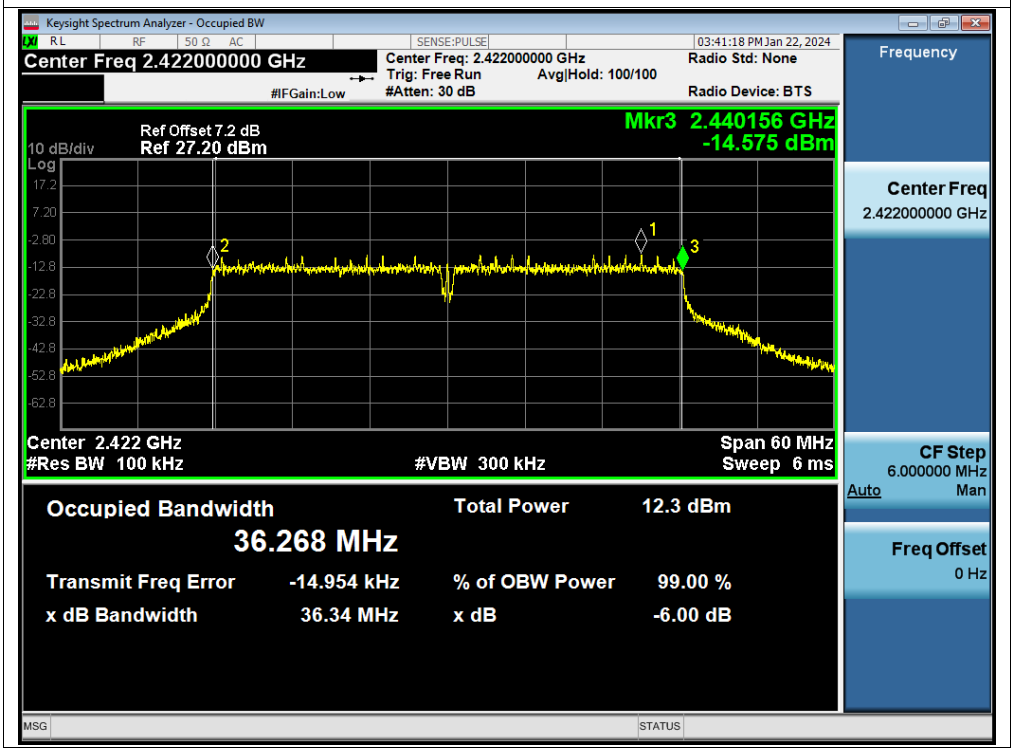
-6dB Bandwidth NVNT n20 2437MHz Ant1



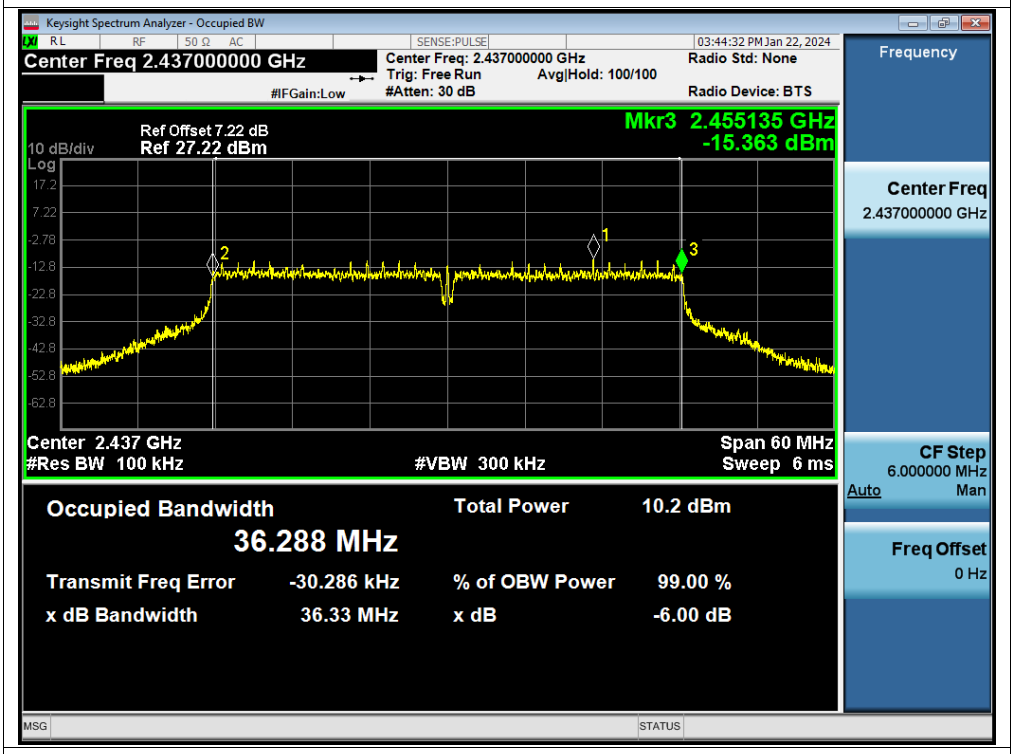
-6dB Bandwidth NVNT n20 2462MHz Ant1



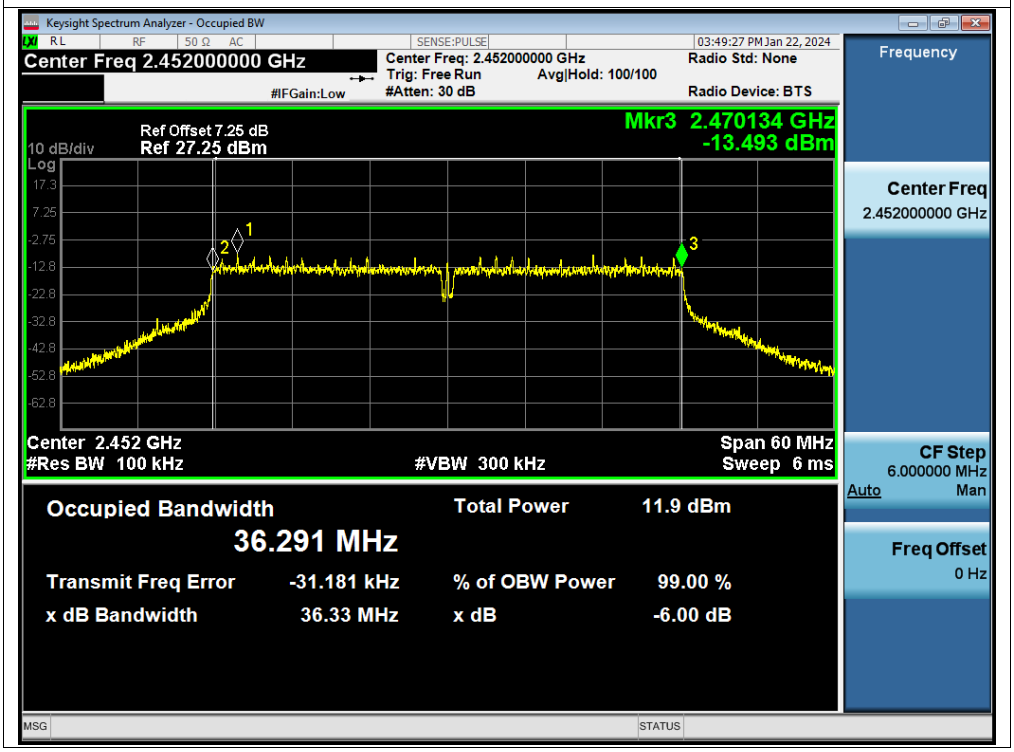
-6dB Bandwidth NVNT n40 2422MHz Ant1



-6dB Bandwidth NVNT n40 2437MHz Ant1



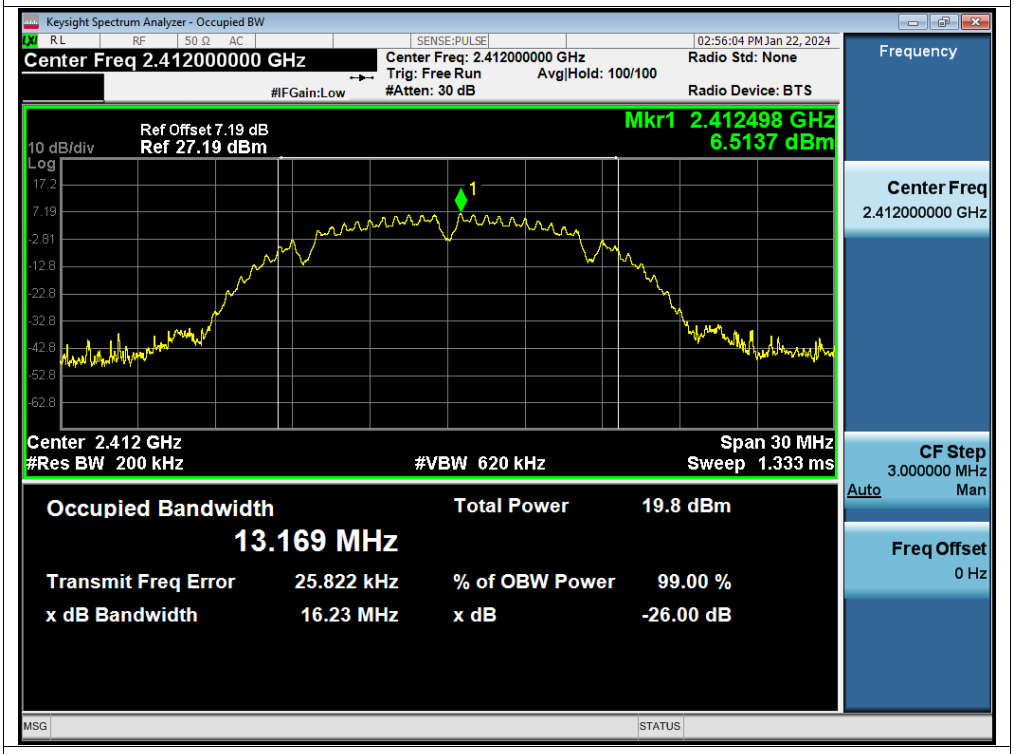
-6dB Bandwidth NVNT n40 2452MHz Ant1



Occupied Channel Bandwidth

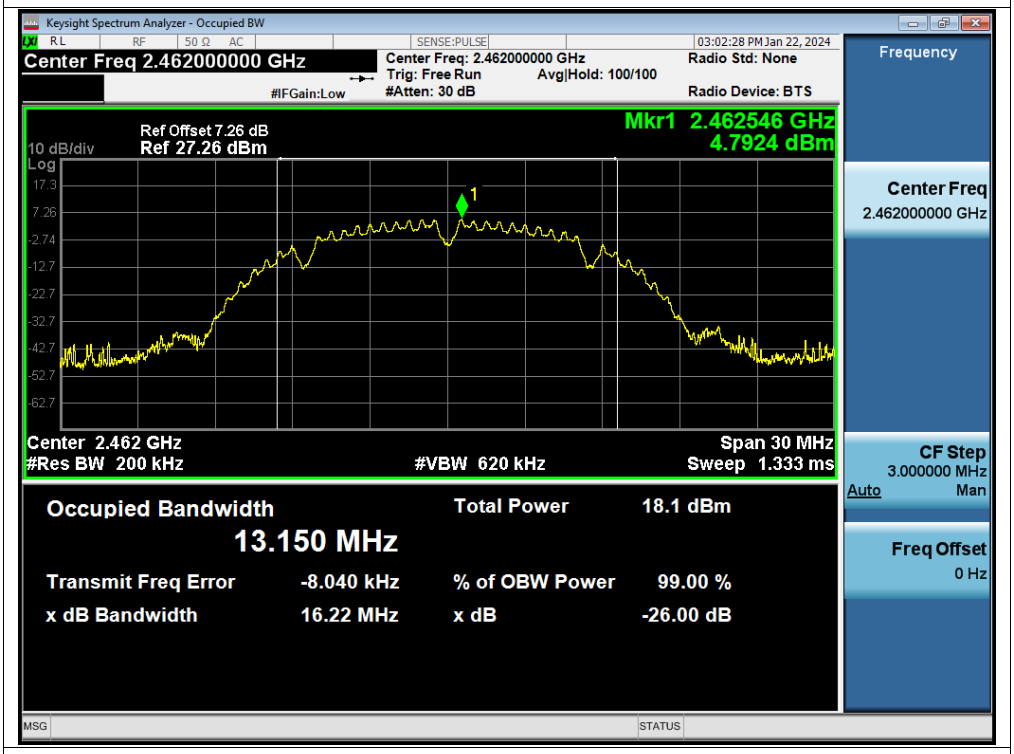
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	13.169
NVNT	b	2437	Ant1	13.148
NVNT	b	2462	Ant1	13.15
NVNT	g	2412	Ant1	16.752
NVNT	g	2437	Ant1	16.719
NVNT	g	2462	Ant1	16.745
NVNT	n20	2412	Ant1	17.896
NVNT	n20	2437	Ant1	17.88
NVNT	n20	2462	Ant1	17.905
NVNT	n40	2422	Ant1	36.694
NVNT	n40	2437	Ant1	36.677
NVNT	n40	2452	Ant1	36.706

Test Graphs
OBW NVNT b 2412MHz Ant1

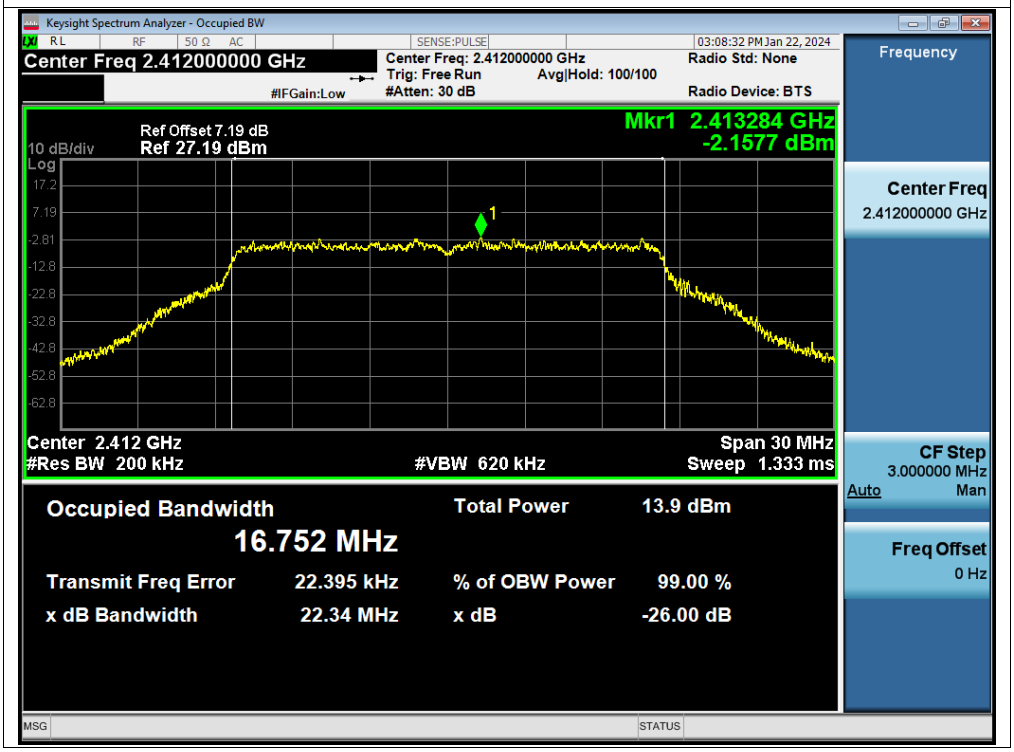


OBW NVNT b 2437MHz Ant1

OBW NVNT b 2462MHz Ant1

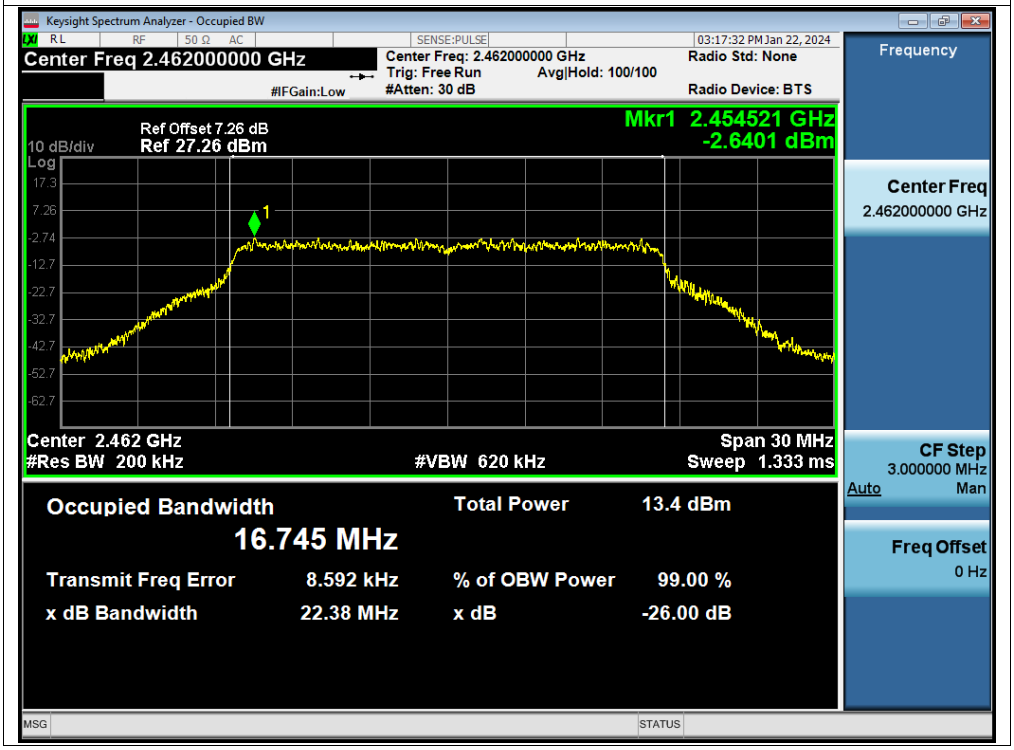


OBW NVNT g 2412MHz Ant1

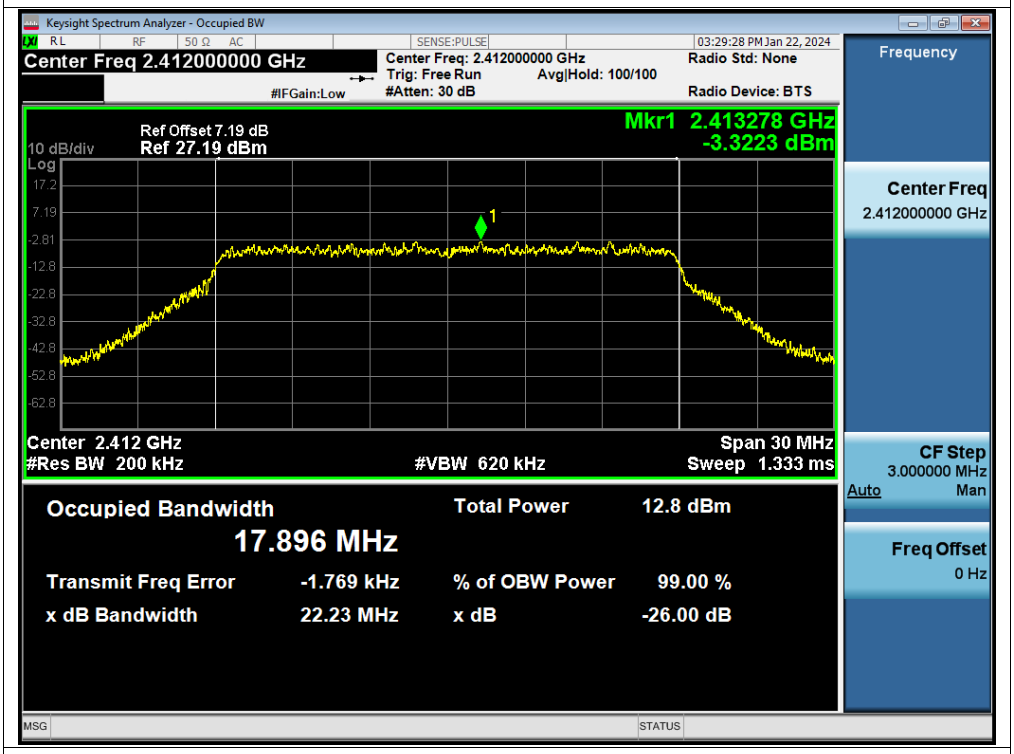


OBW NVNT g 2437MHz Ant1

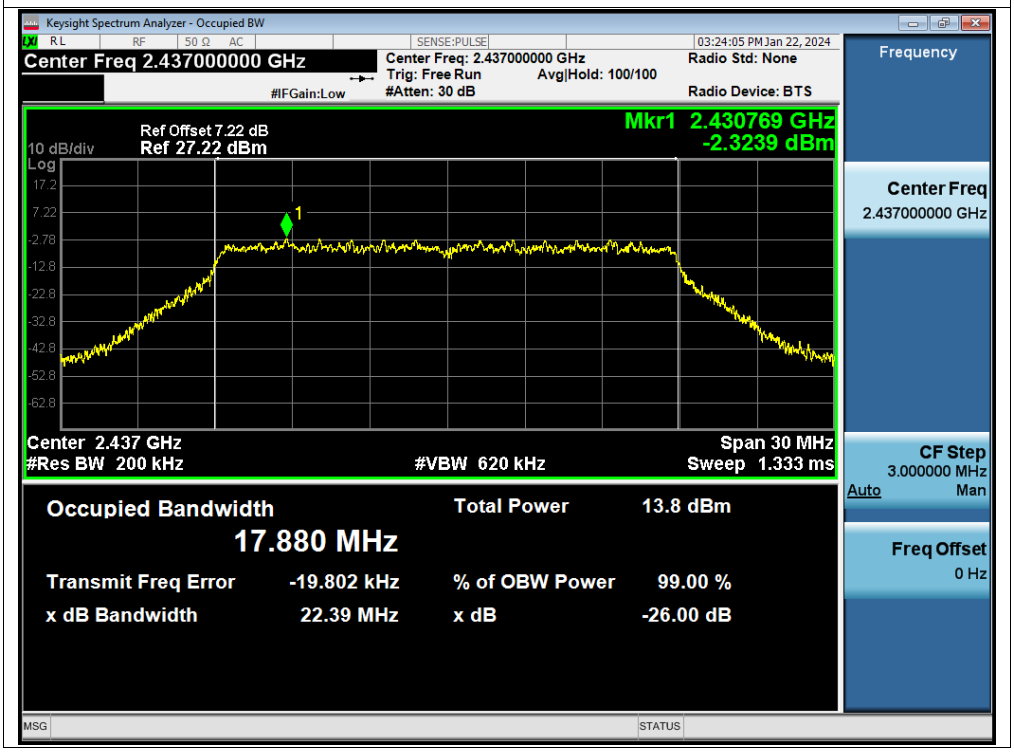
OBW NVNT g 2462MHz Ant1



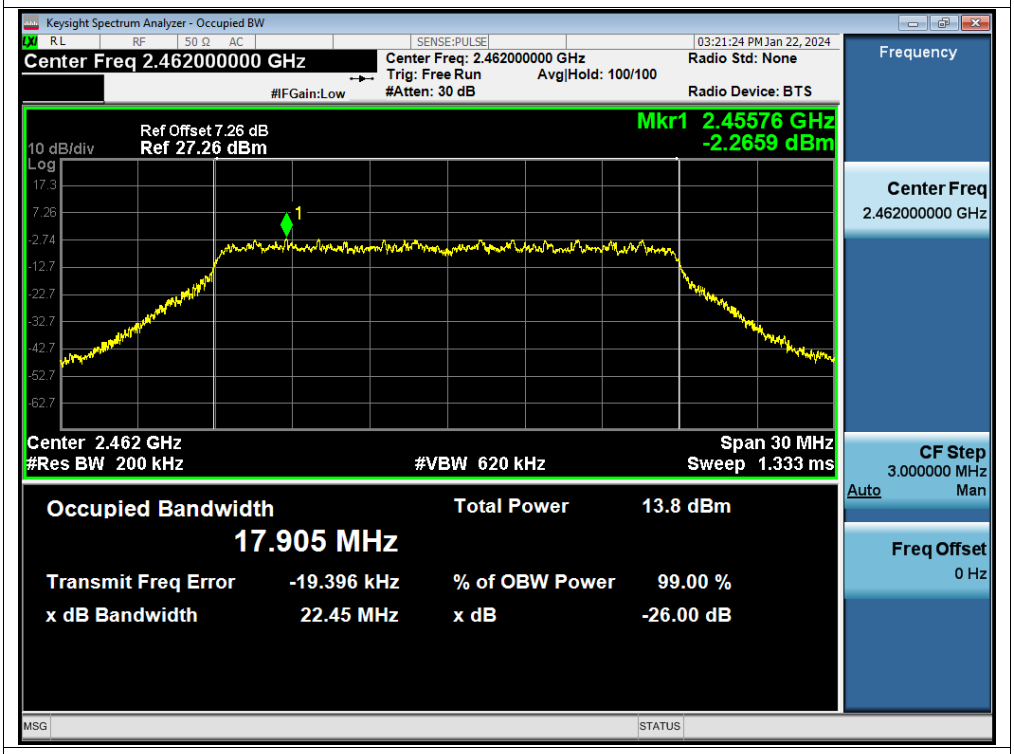
OBW NVNT n20 2412MHz Ant1



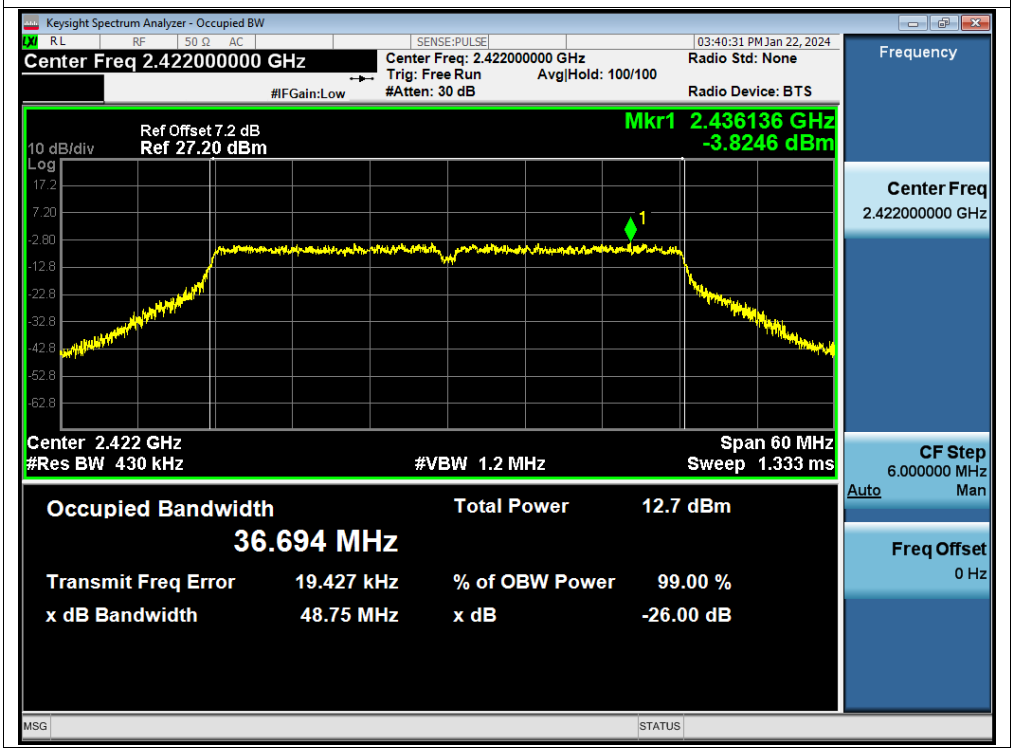
OBW NVNT n20 2437MHz Ant1



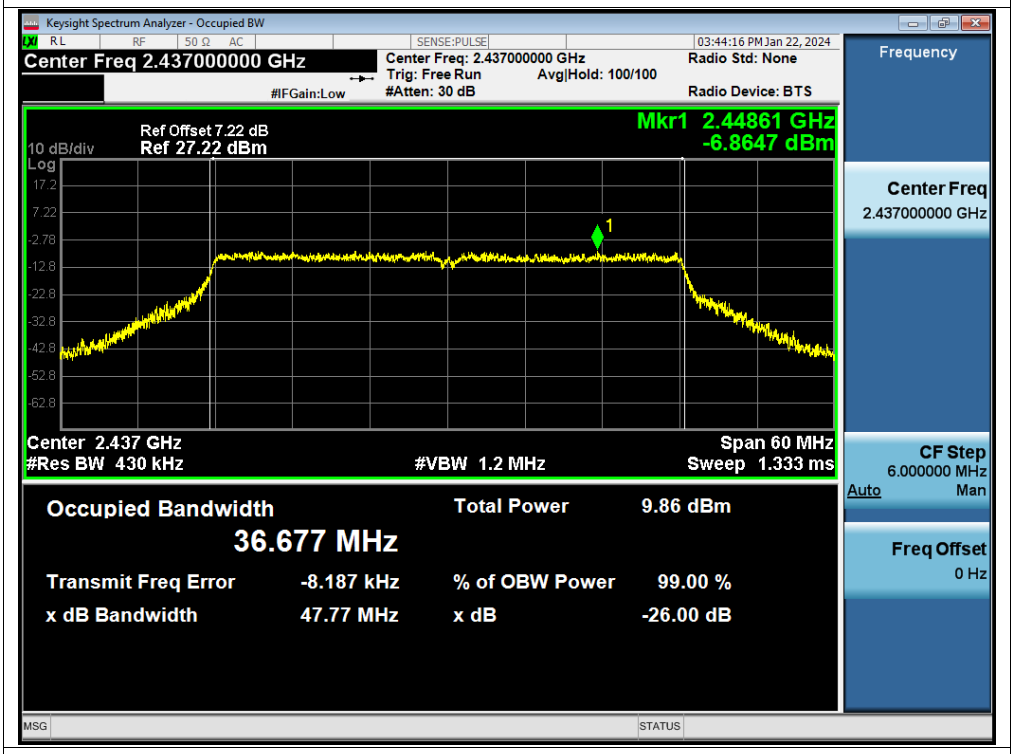
OBW NVNT n20 2462MHz Ant1



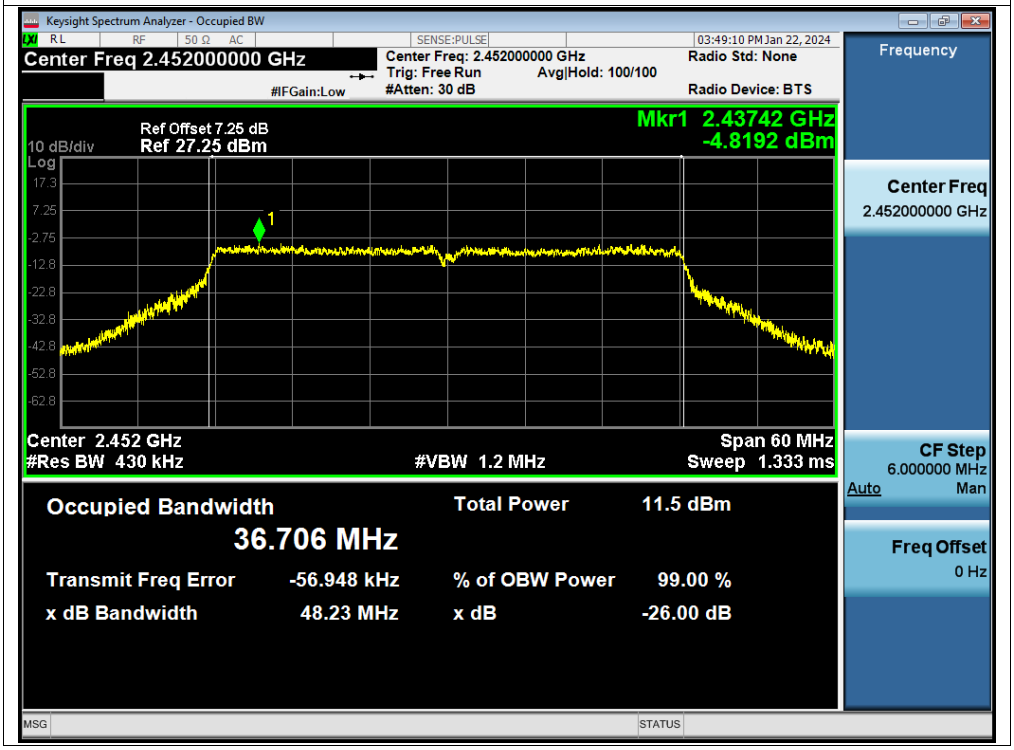
OBW NVNT n40 2422MHz Ant1



OBW NVNT n40 2437MHz Ant1



OBW NVNT n40 2452MHz Ant1



Maximum Power Spectral Density Level

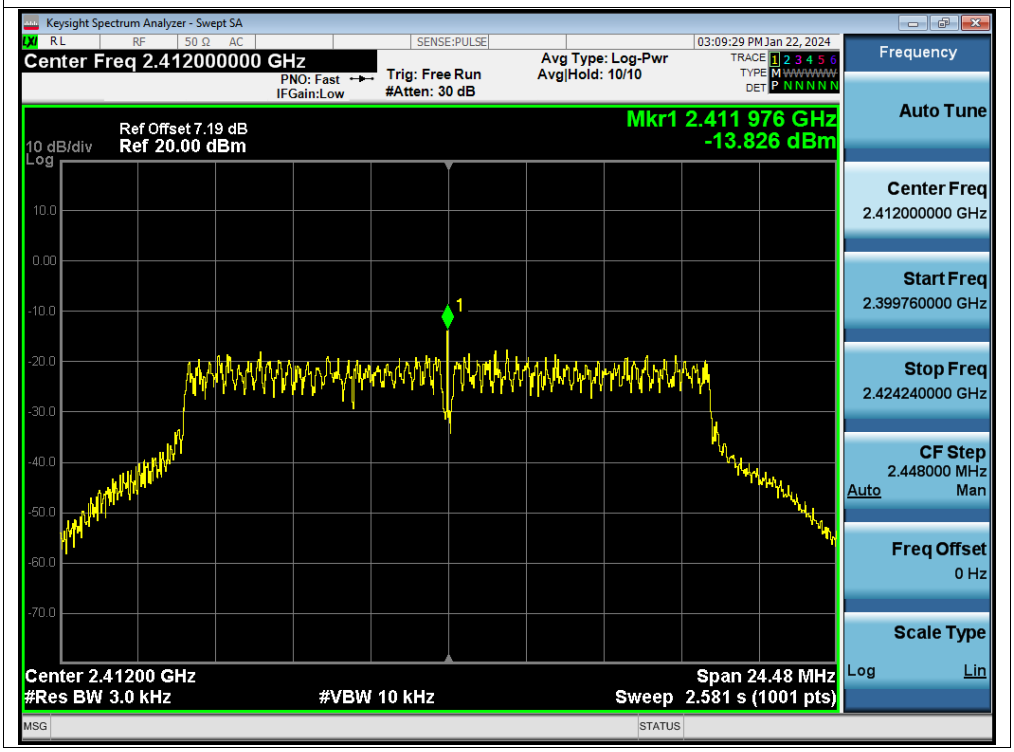
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-9.02	0	-9.02	8	Pass
NVNT	b	2437	Ant1	-11.19	0	-11.19	8	Pass
NVNT	b	2462	Ant1	-11.01	0	-11.01	8	Pass
NVNT	g	2412	Ant1	-13.83	0	-13.83	8	Pass
NVNT	g	2437	Ant1	-13.82	0	-13.82	8	Pass
NVNT	g	2462	Ant1	-14.51	0	-14.51	8	Pass
NVNT	n20	2412	Ant1	-13.11	0	-13.11	8	Pass
NVNT	n20	2437	Ant1	-13.2	0	-13.2	8	Pass
NVNT	n20	2462	Ant1	-13.83	0	-13.83	8	Pass
NVNT	n40	2422	Ant1	-13.32	0	-13.32	8	Pass
NVNT	n40	2437	Ant1	-13.92	0	-13.92	8	Pass
NVNT	n40	2452	Ant1	-13.9	0	-13.9	8	Pass

Test Graphs
PSD NVNT b 2412MHz Ant1

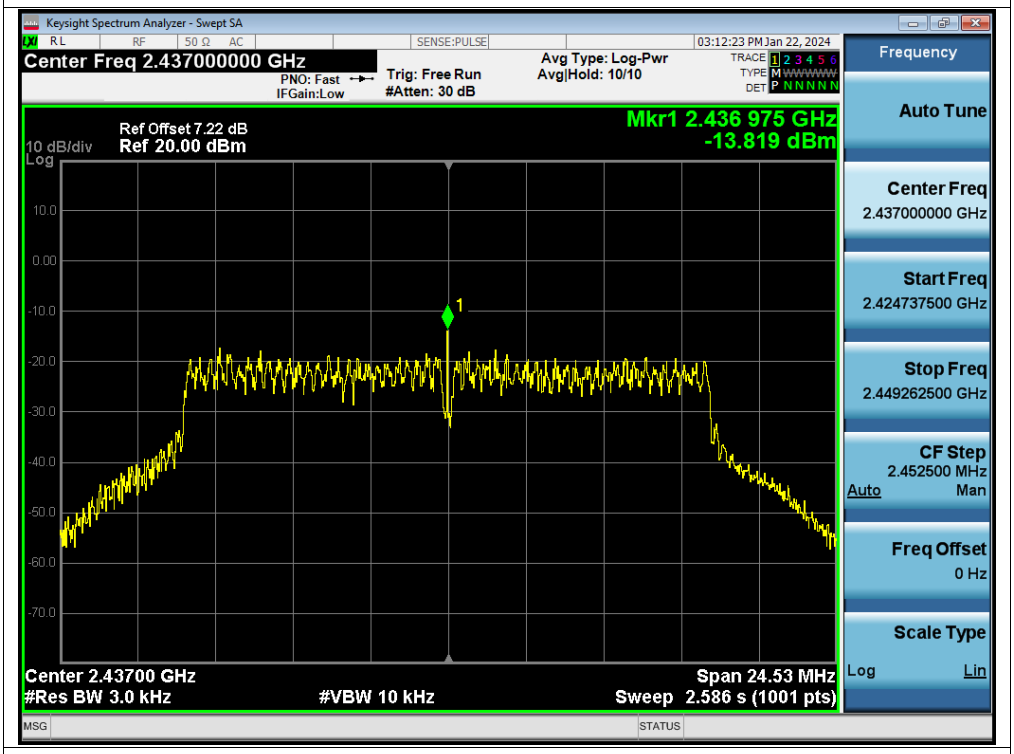
PSD NVNT b 2437MHz Ant1

PSD NVNT b 2462MHz Ant1

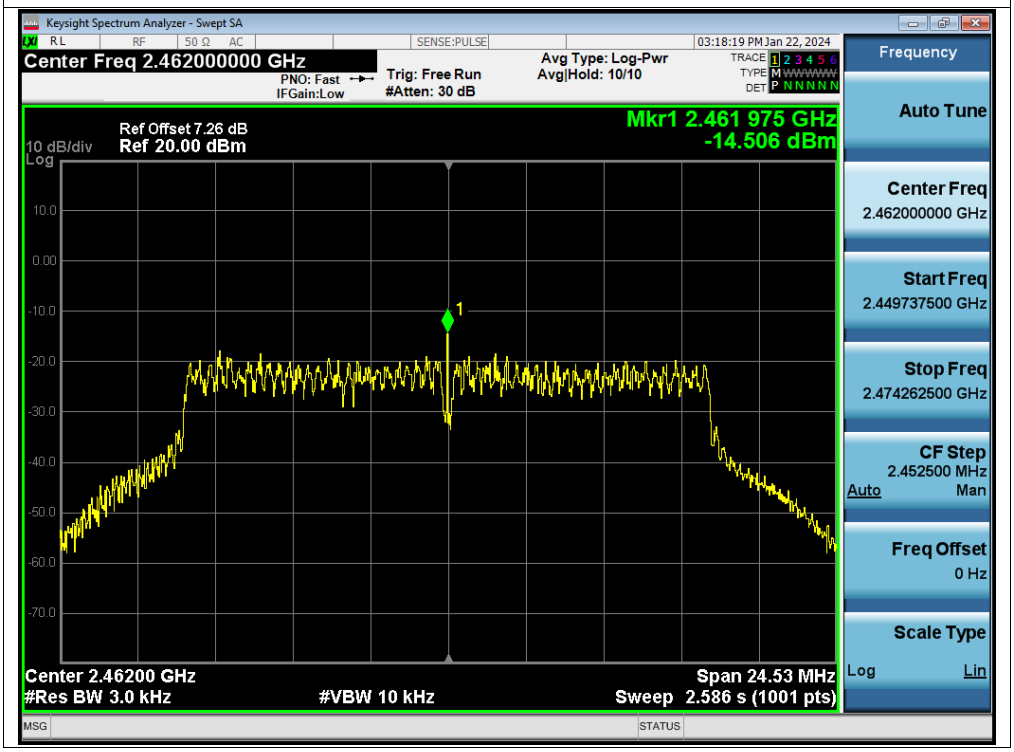
PSD NVNT g 2412MHz Ant1



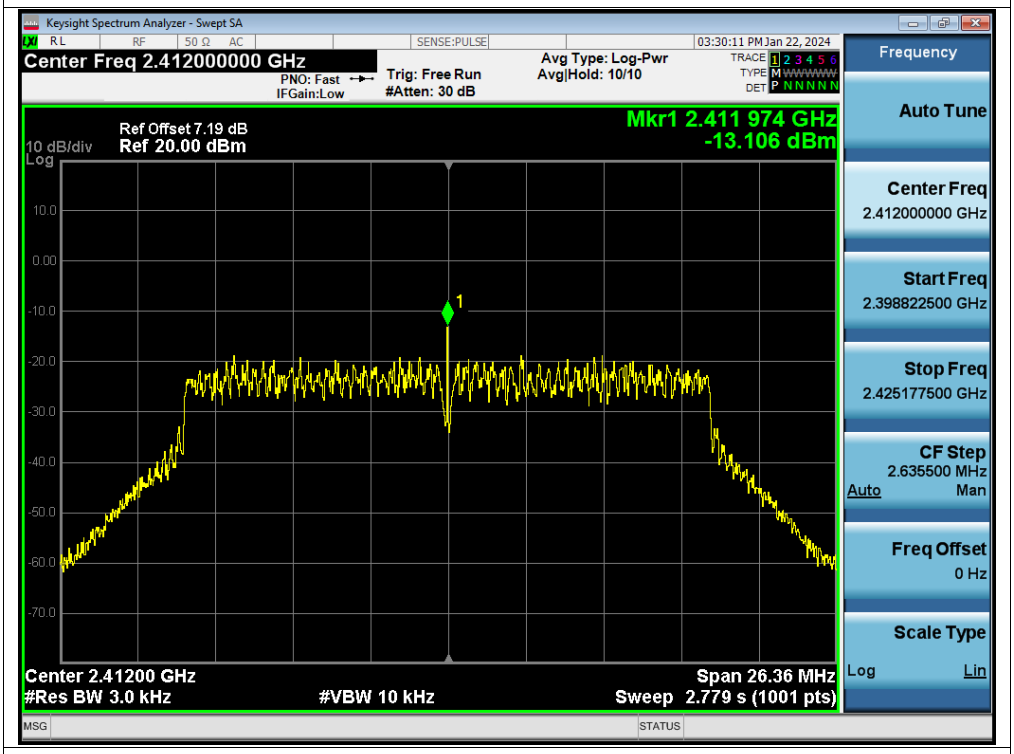
PSD NVNT g 2437MHz Ant1



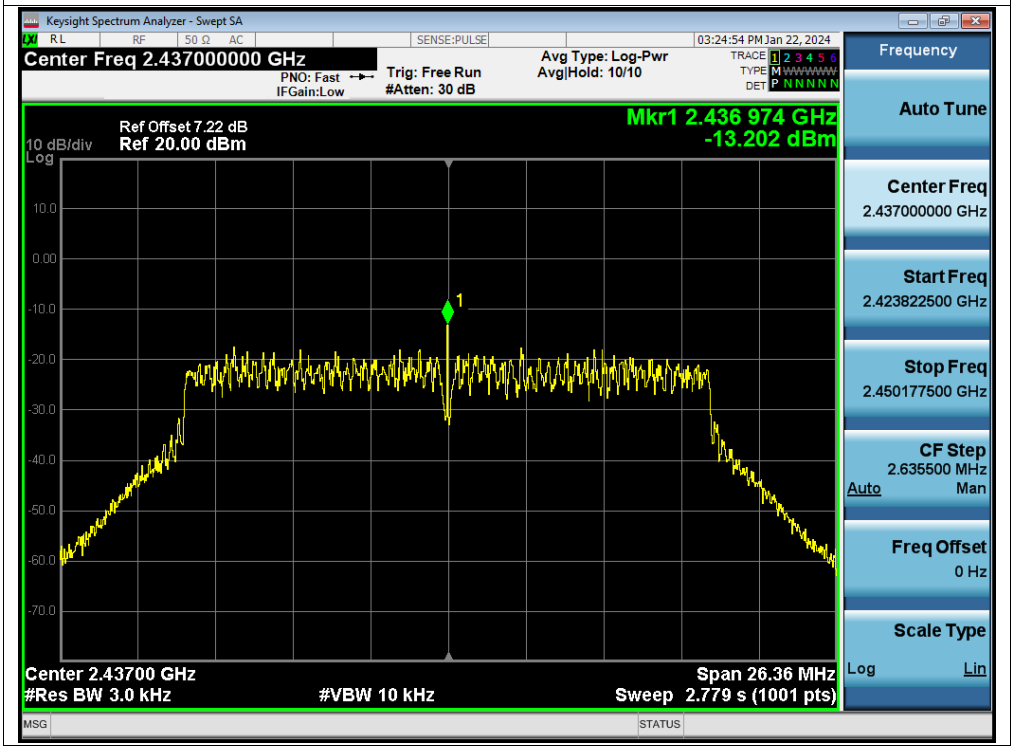
PSD NVNT g 2462MHz Ant1



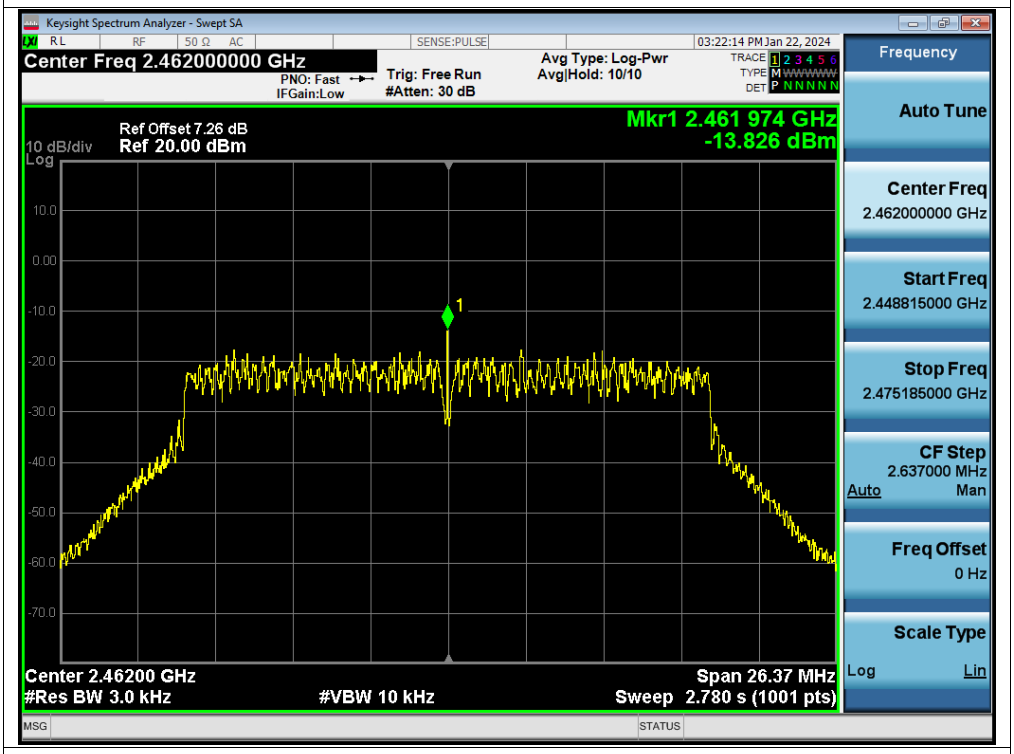
PSD NVNT n20 2412MHz Ant1



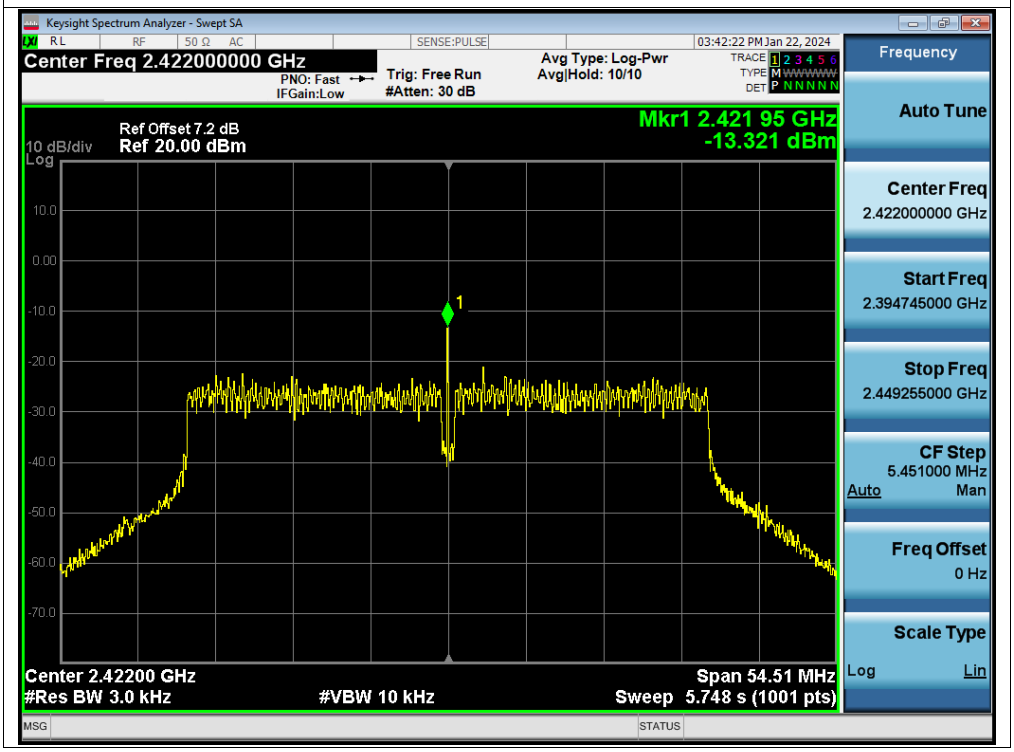
PSD NVNT n20 2437MHz Ant1



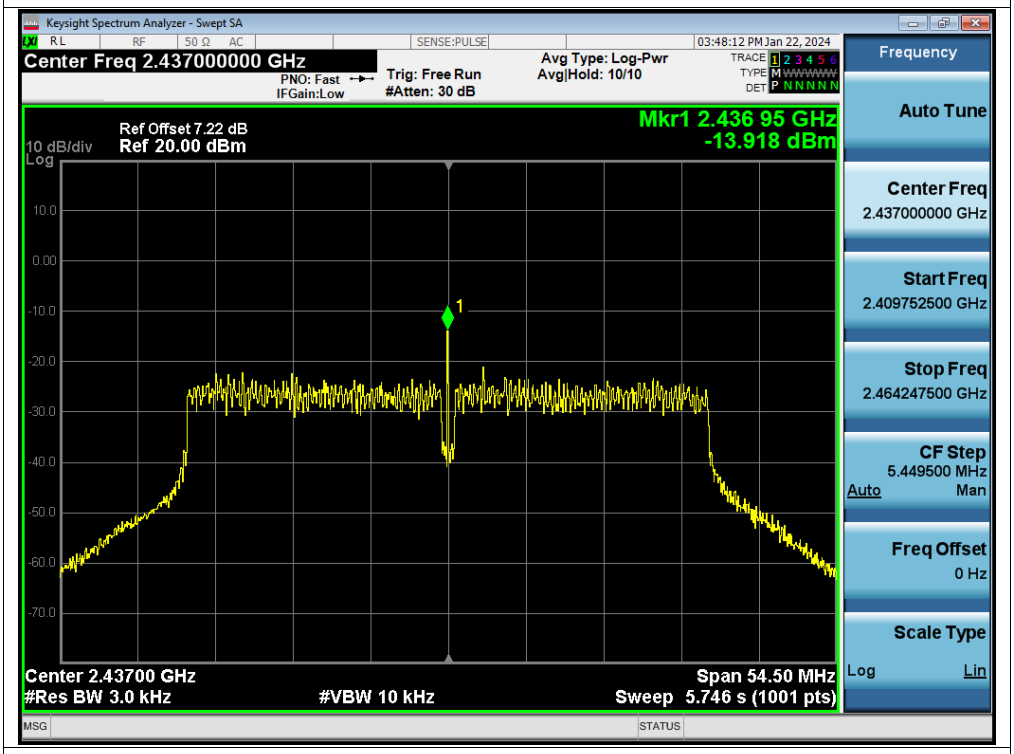
PSD NVNT n20 2462MHz Ant1



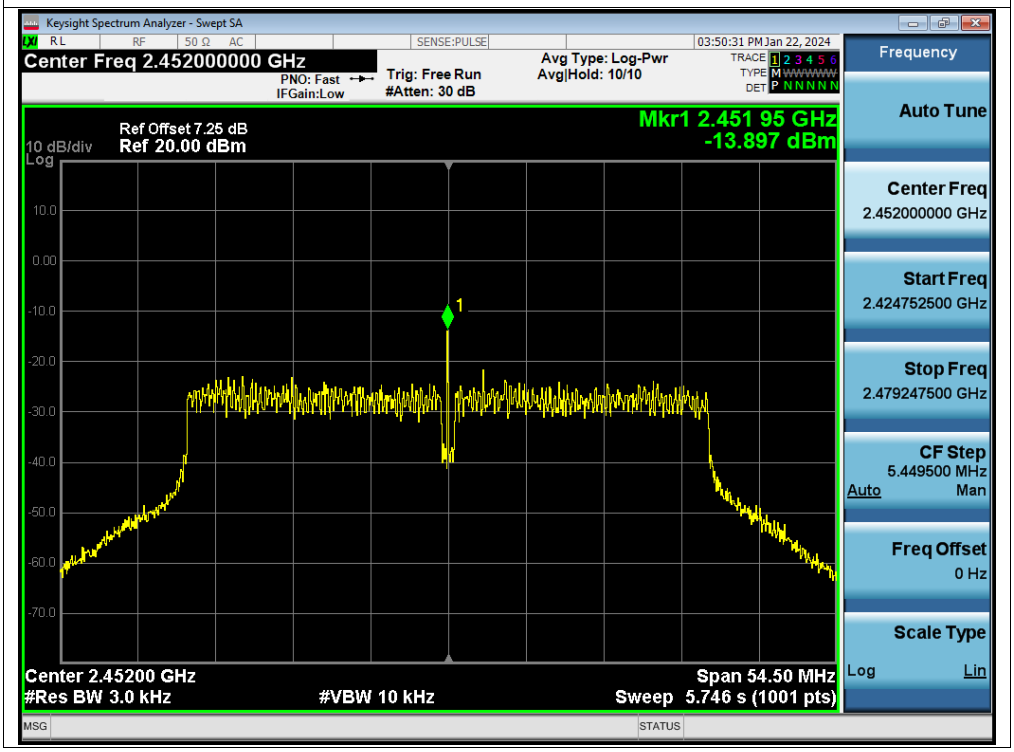
PSD NVNT n40 2422MHz Ant1



PSD NVNT n40 2437MHz Ant1



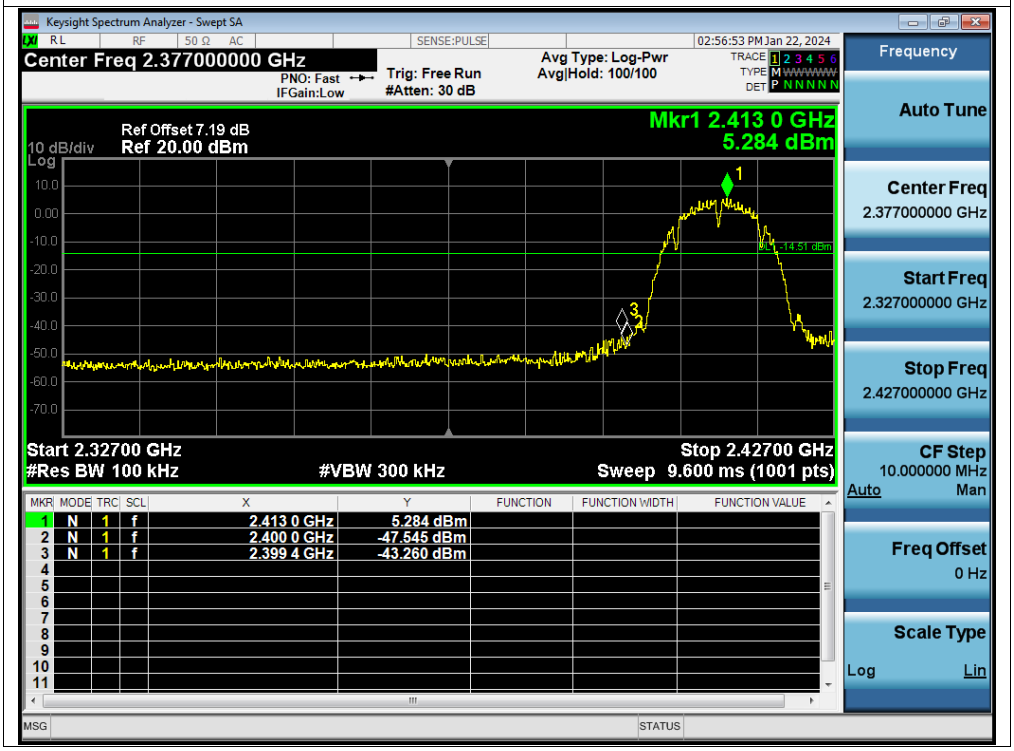
PSD NVNT n40 2452MHz Ant1



Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-48.752	-20	Pass
NVNT	b	2462	Ant1	-53.907	-20	Pass
NVNT	g	2412	Ant1	-35.405	-20	Pass
NVNT	g	2462	Ant1	-46.446	-20	Pass
NVNT	n20	2412	Ant1	-33.074	-20	Pass
NVNT	n20	2462	Ant1	-42.597	-20	Pass
NVNT	n40	2422	Ant1	-25.522	-20	Pass
NVNT	n40	2452	Ant1	-39.931	-20	Pass

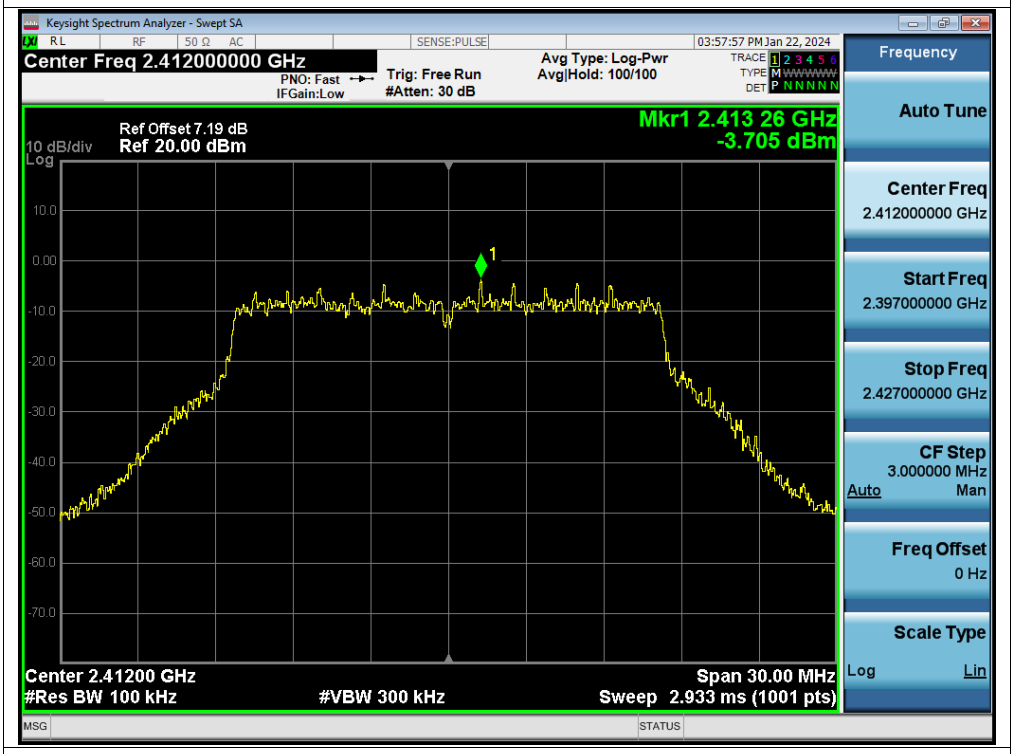
Test Graphs
Band Edge NVNT b 2412MHz Ant1 Ref

Band Edge NVNT b 2412MHz Ant1 Emission


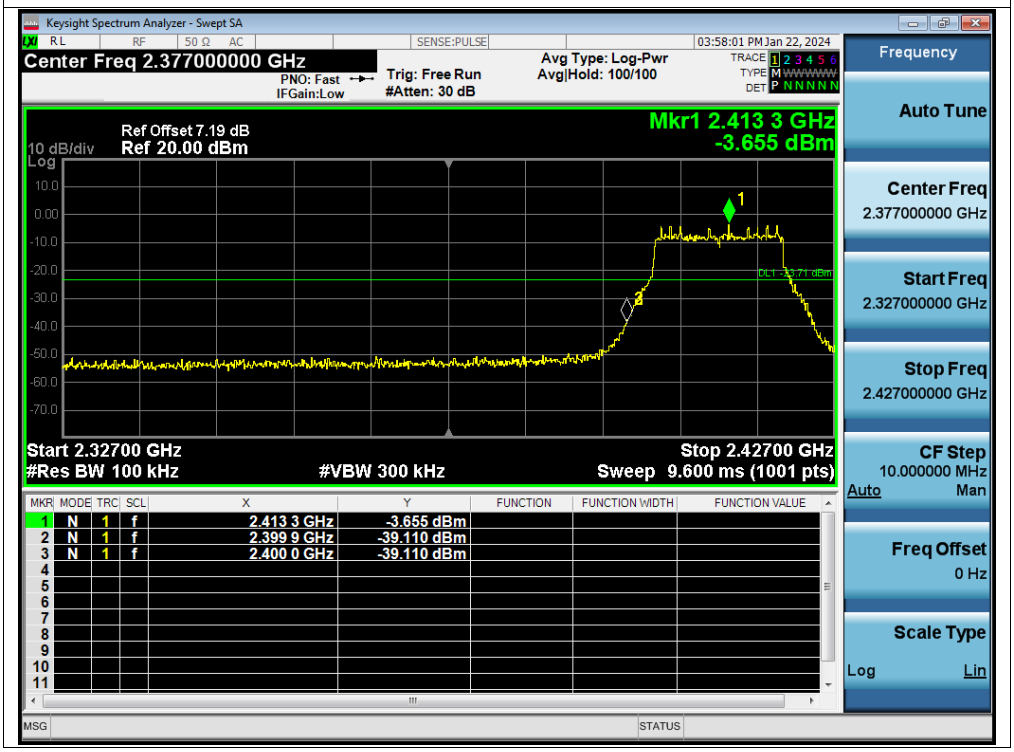
Band Edge NVNT b 2462MHz Ant1 Ref

Band Edge NVNT b 2462MHz Ant1 Emission

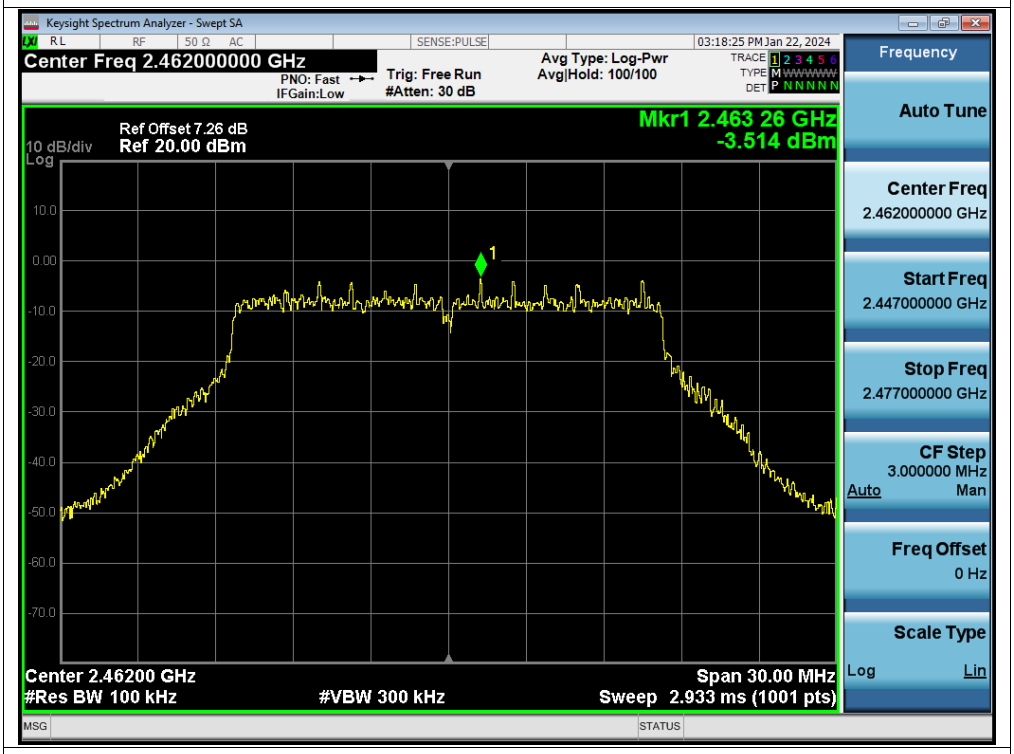
Band Edge NVNT g 2412MHz Ant1 Ref



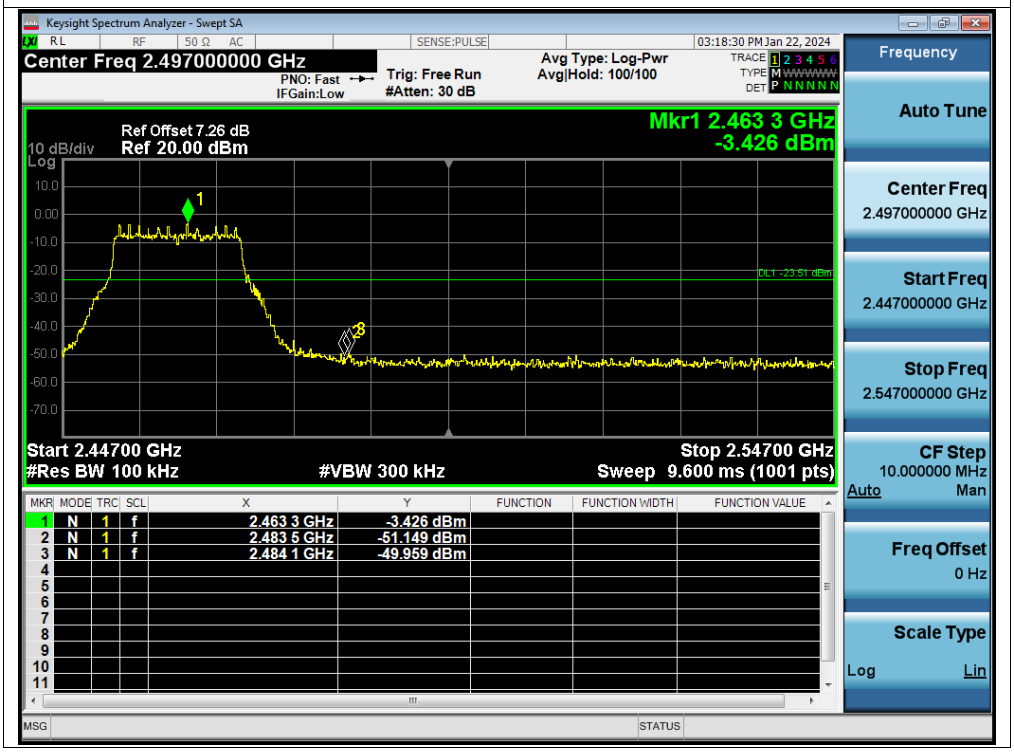
Band Edge NVNT g 2412MHz Ant1 Emission



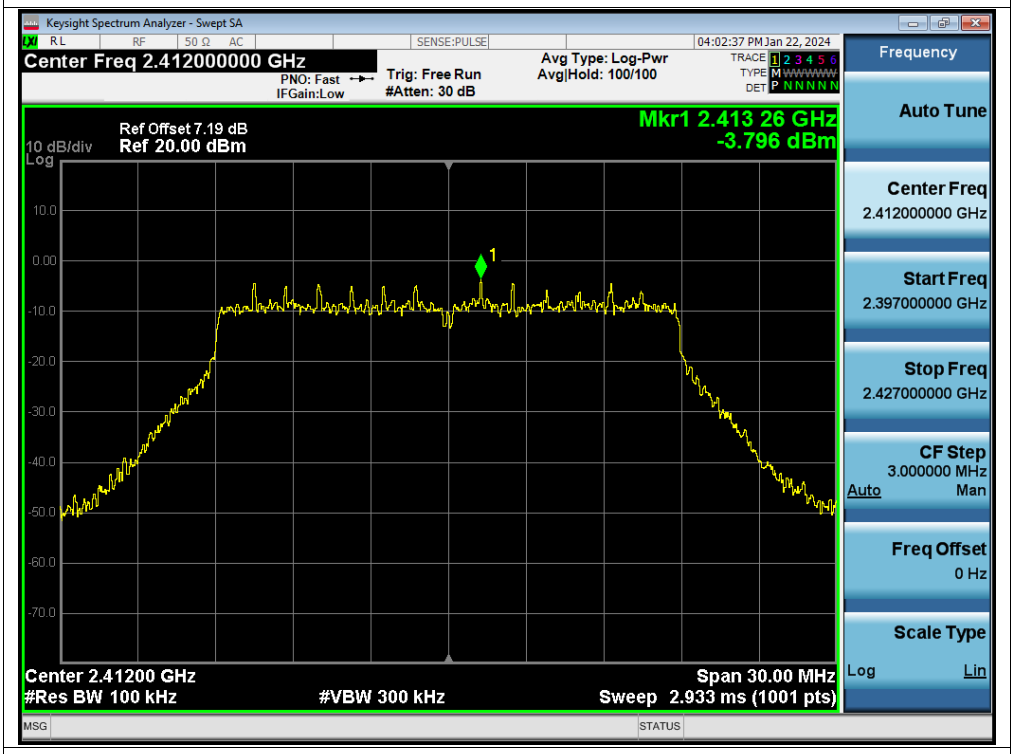
Band Edge NVNT g 2462MHz Ant1 Ref



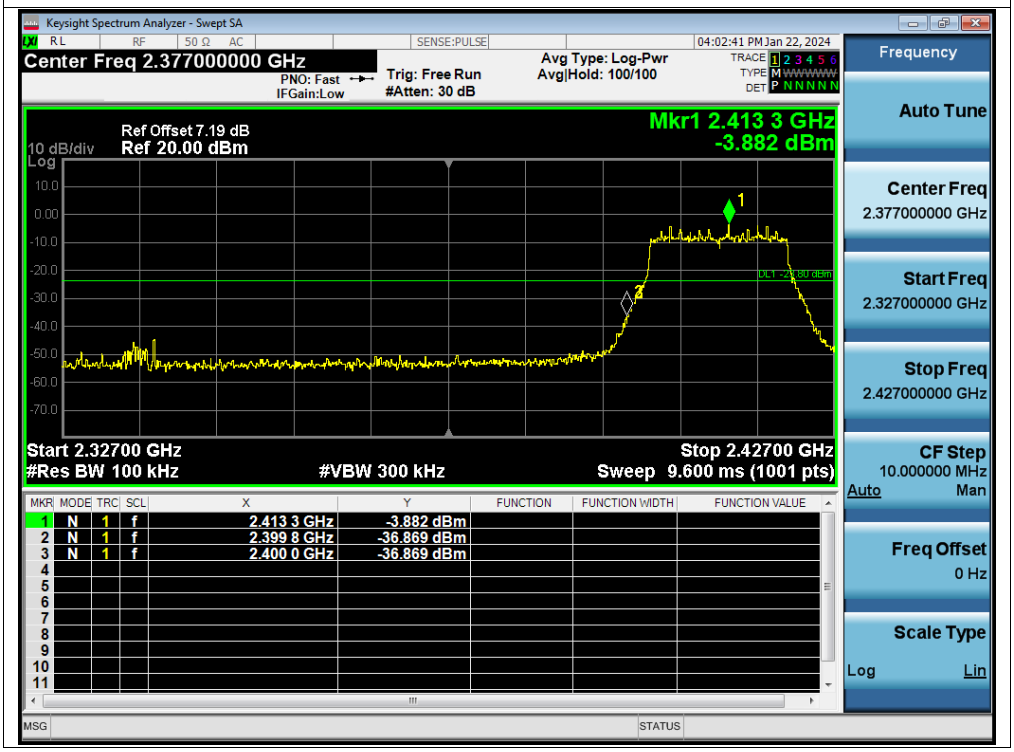
Band Edge NVNT g 2462MHz Ant1 Emission



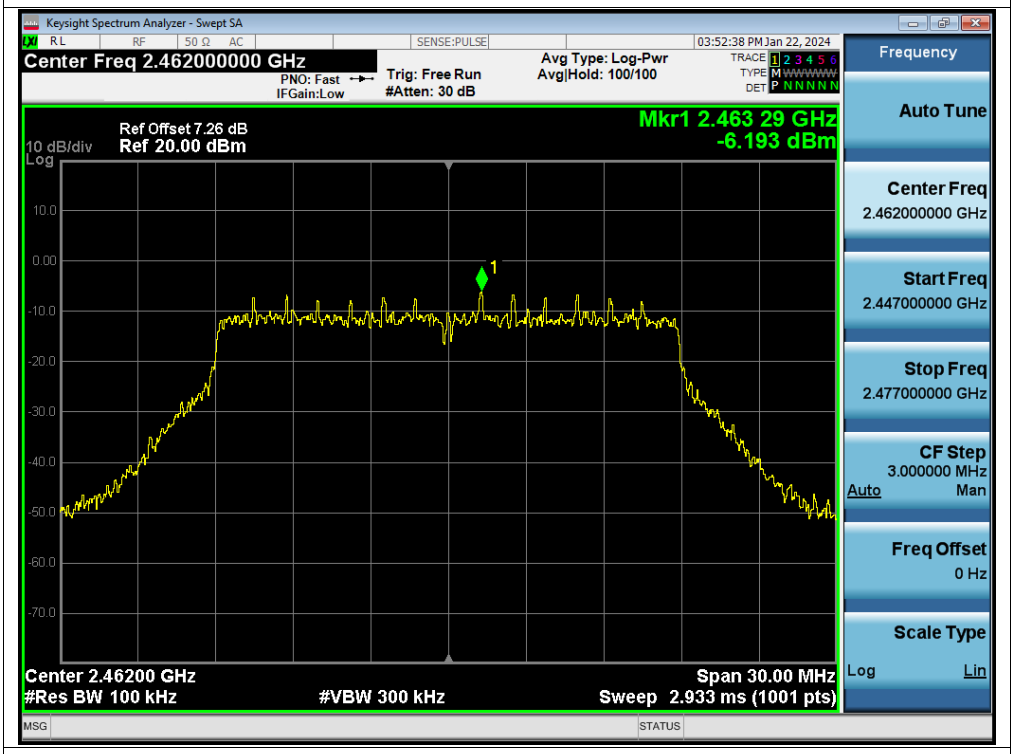
Band Edge NVNT n20 2412MHz Ant1 Ref



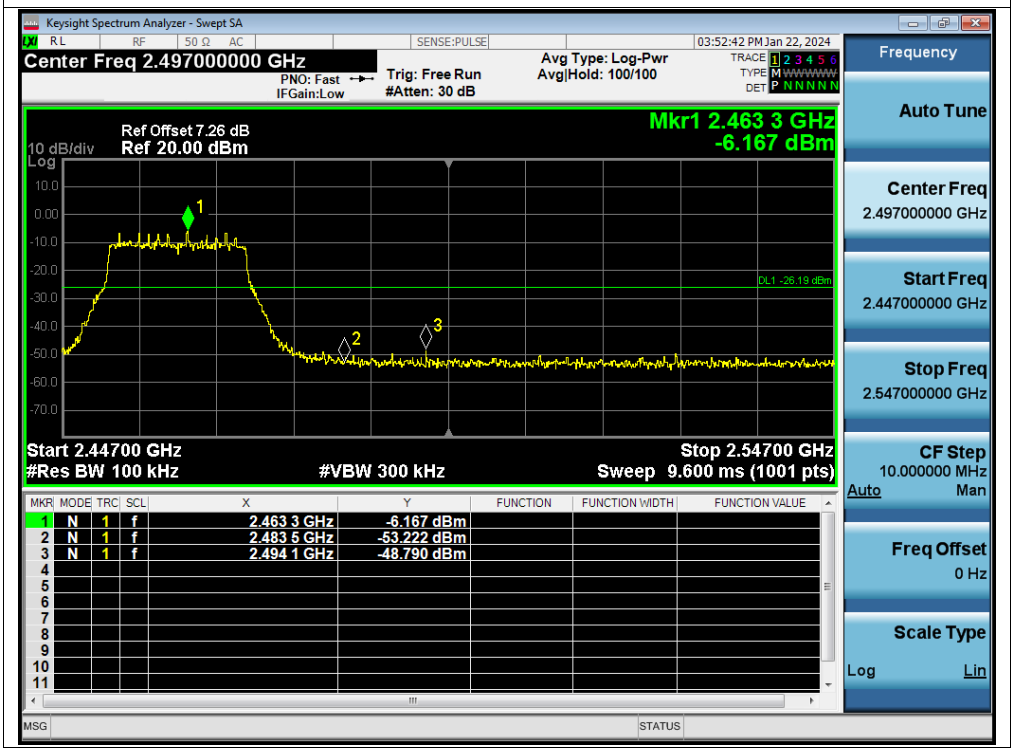
Band Edge NVNT n20 2412MHz Ant1 Emission



Band Edge NVNT n20 2462MHz Ant1 Ref

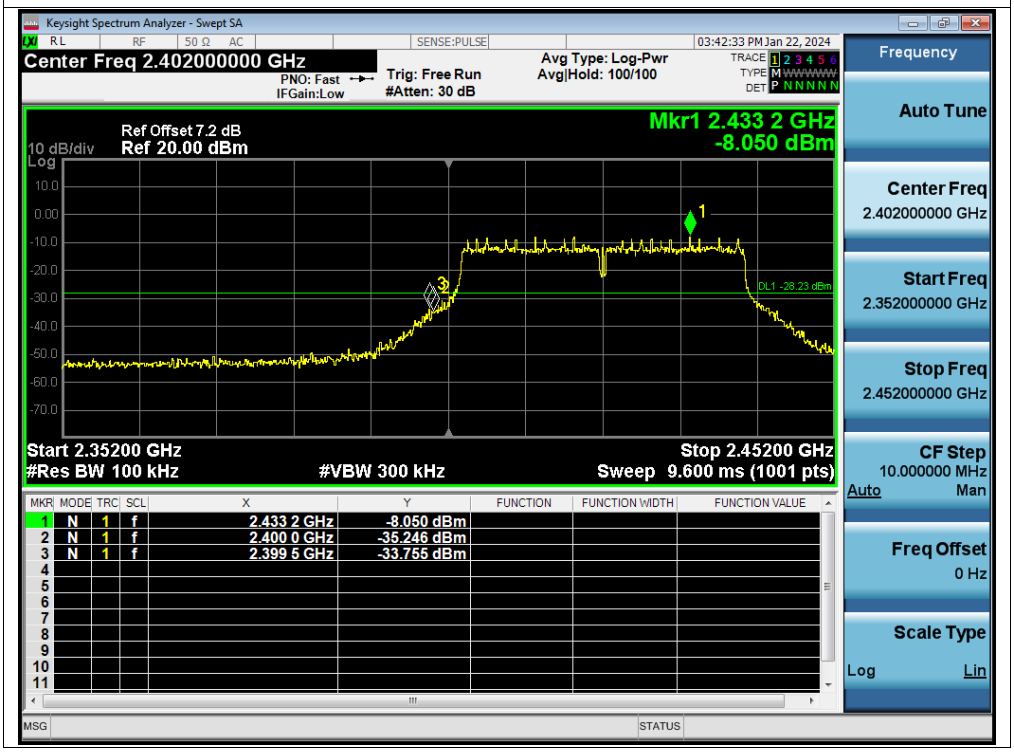


Band Edge NVNT n20 2462MHz Ant1 Emission



Band Edge NVNT n40 2422MHz Ant1 Ref

Band Edge NVNT n40 2422MHz Ant1 Emission



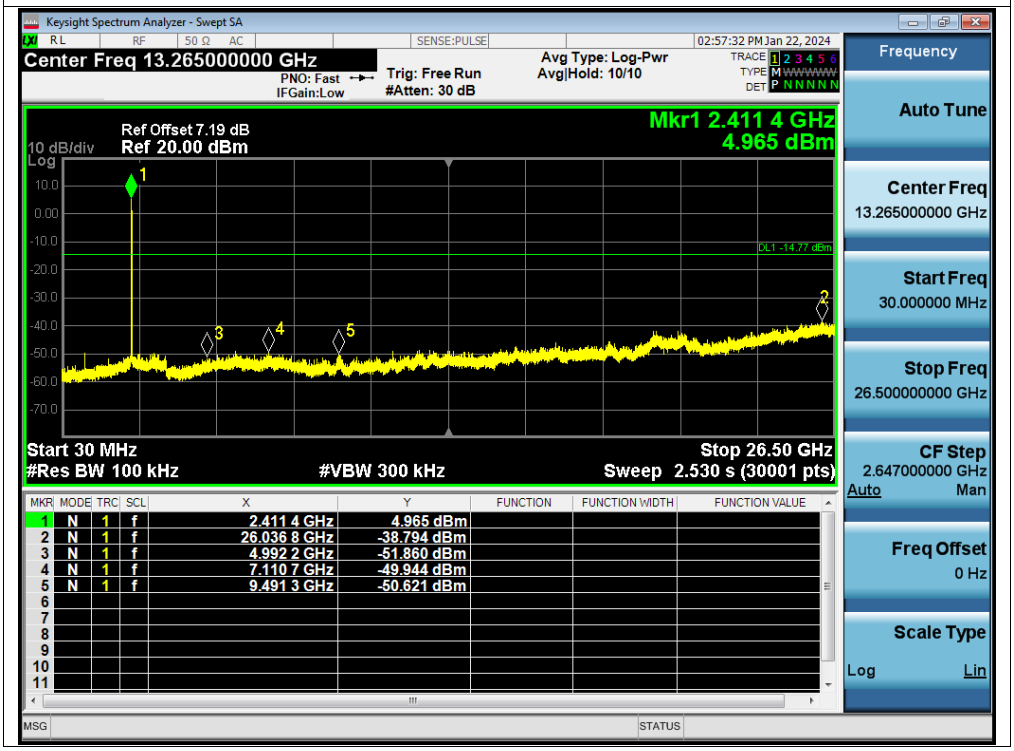
Band Edge NVNT n40 2452MHz Ant1 Ref

Band Edge NVNT n40 2452MHz Ant1 Emission

Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-44.02	-20	Pass
NVNT	b	2437	Ant1	-42.53	-20	Pass
NVNT	b	2462	Ant1	-41.7	-20	Pass
NVNT	g	2412	Ant1	-35.64	-20	Pass
NVNT	g	2437	Ant1	-35.48	-20	Pass
NVNT	g	2462	Ant1	-33.62	-20	Pass
NVNT	n20	2412	Ant1	-33.55	-20	Pass
NVNT	n20	2437	Ant1	-35.14	-20	Pass
NVNT	n20	2462	Ant1	-34.69	-20	Pass
NVNT	n40	2422	Ant1	-30.4	-20	Pass
NVNT	n40	2437	Ant1	-28.29	-20	Pass
NVNT	n40	2452	Ant1	-29.84	-20	Pass

Test Graphs
Tx. Spurious NVNT b 2412MHz Ant1 Ref

Tx. Spurious NVNT b 2412MHz Ant1 Emission


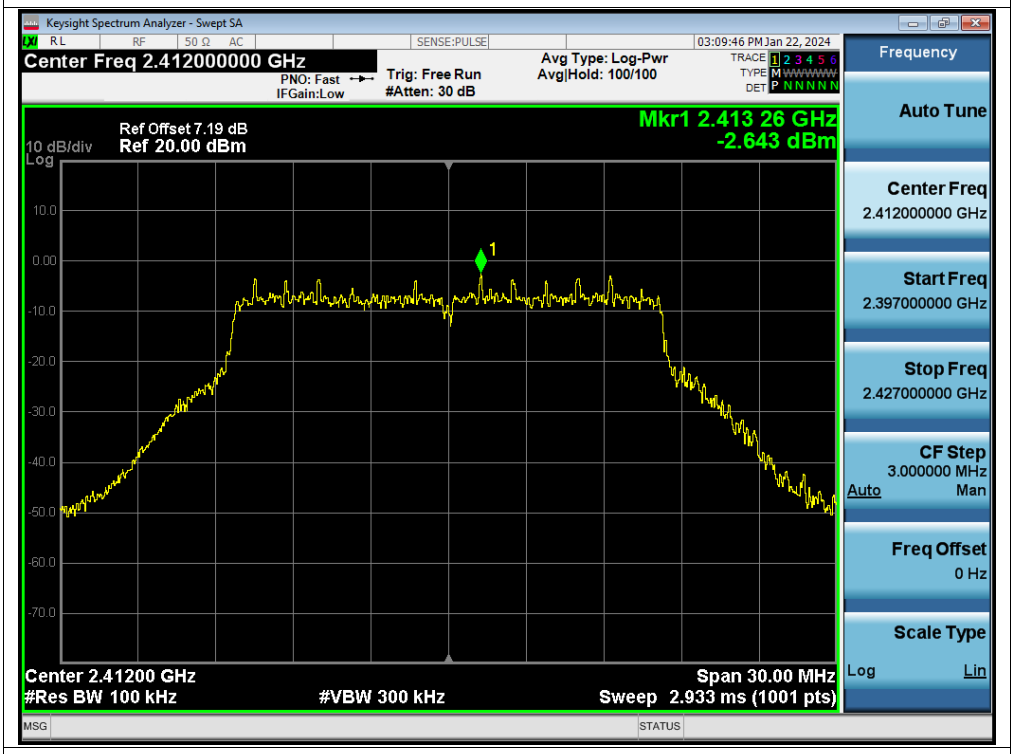
Tx. Spurious NVNT b 2437MHz Ant1 Ref

Tx. Spurious NVNT b 2437MHz Ant1 Emission

Tx. Spurious NVNT b 2462MHz Ant1 Ref

Tx. Spurious NVNT b 2462MHz Ant1 Emission

Tx. Spurious NVNT g 2412MHz Ant1 Ref

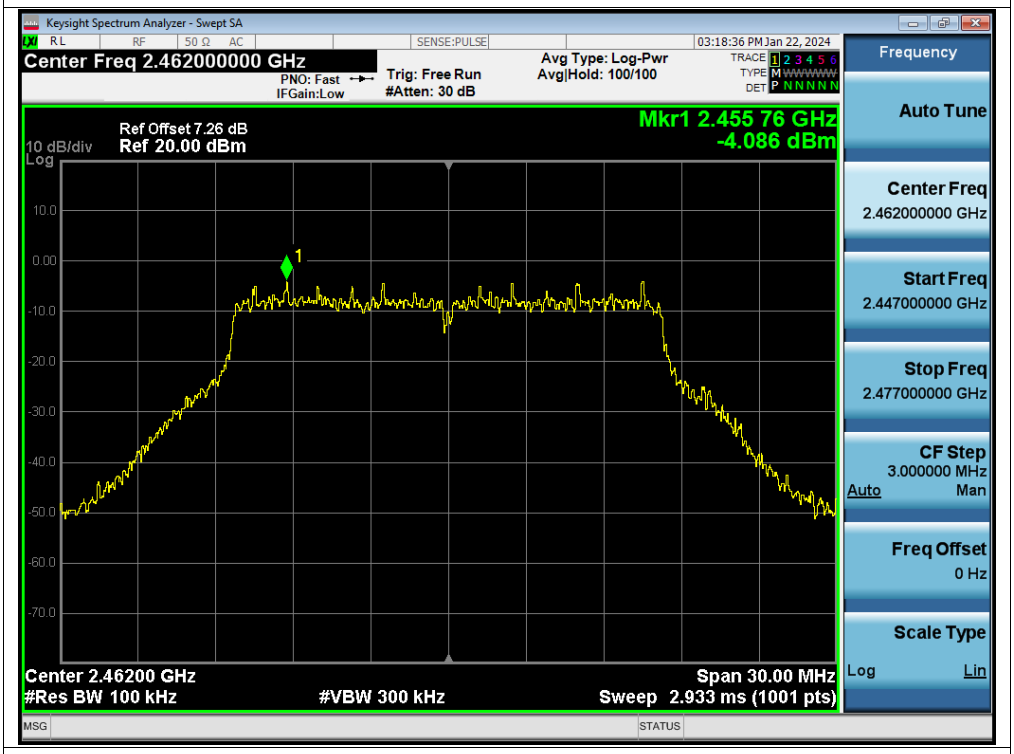


Tx. Spurious NVNT g 2412MHz Ant1 Emission

Tx. Spurious NVNT g 2437MHz Ant1 Ref

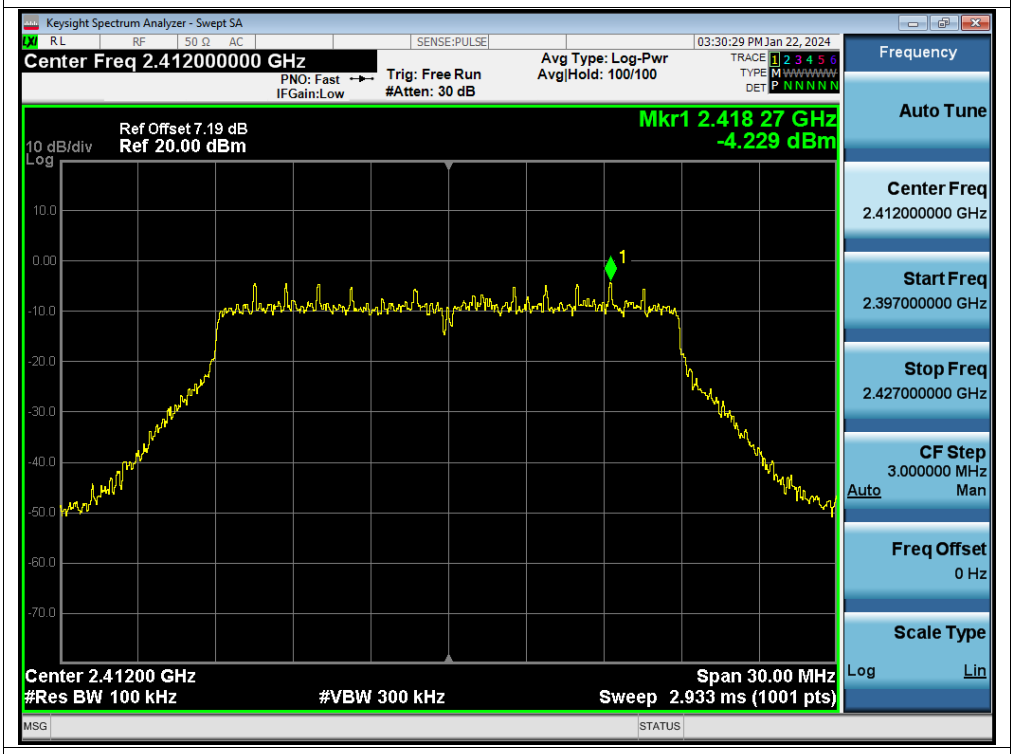
Tx. Spurious NVNT g 2437MHz Ant1 Emission

Tx. Spurious NVNT g 2462MHz Ant1 Ref



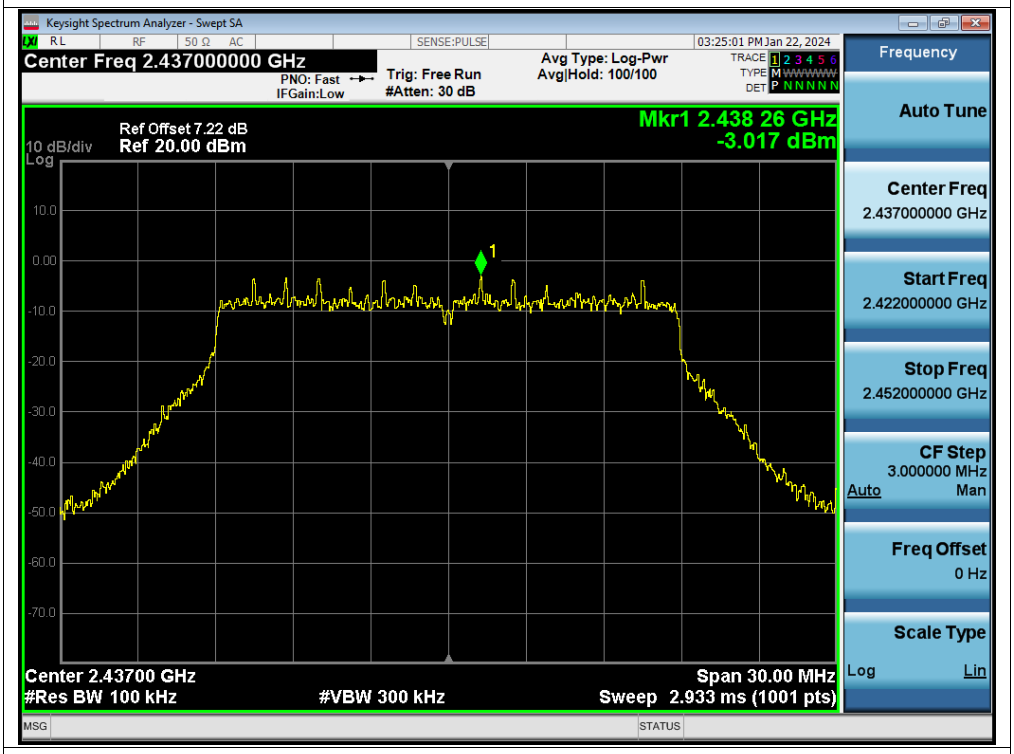
Tx. Spurious NVNT g 2462MHz Ant1 Emission

Tx. Spurious NVNT n20 2412MHz Ant1 Ref



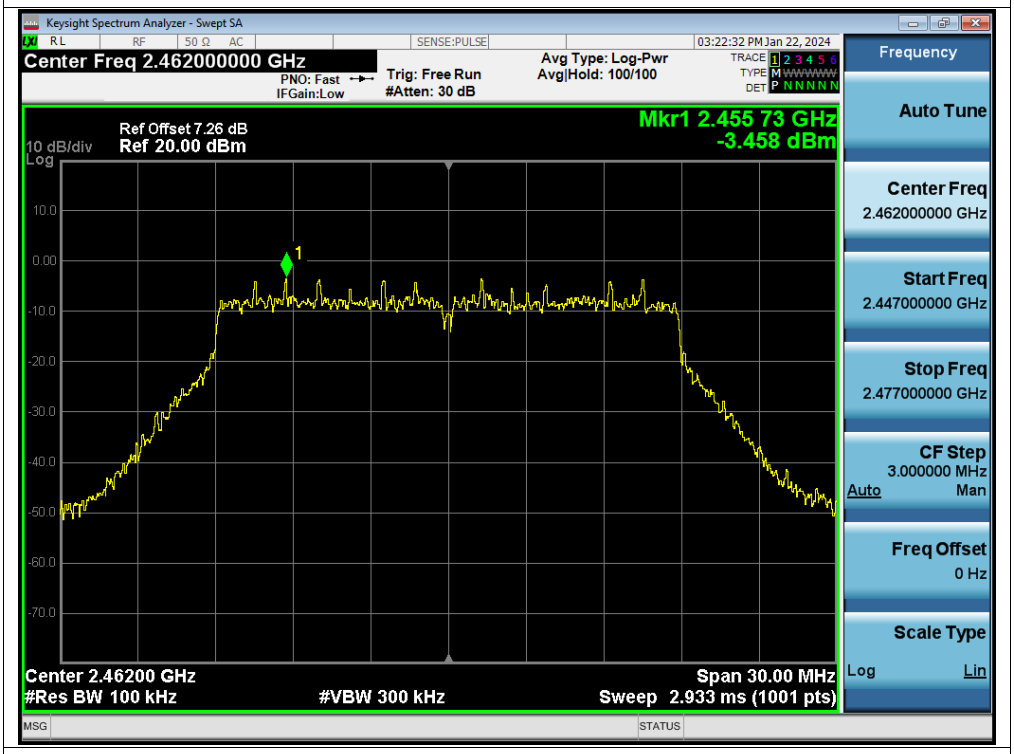
Tx. Spurious NVNT n20 2412MHz Ant1 Emission

Tx. Spurious NVNT n20 2437MHz Ant1 Ref



Tx. Spurious NVNT n20 2437MHz Ant1 Emission

Tx. Spurious NVNT n20 2462MHz Ant1 Ref

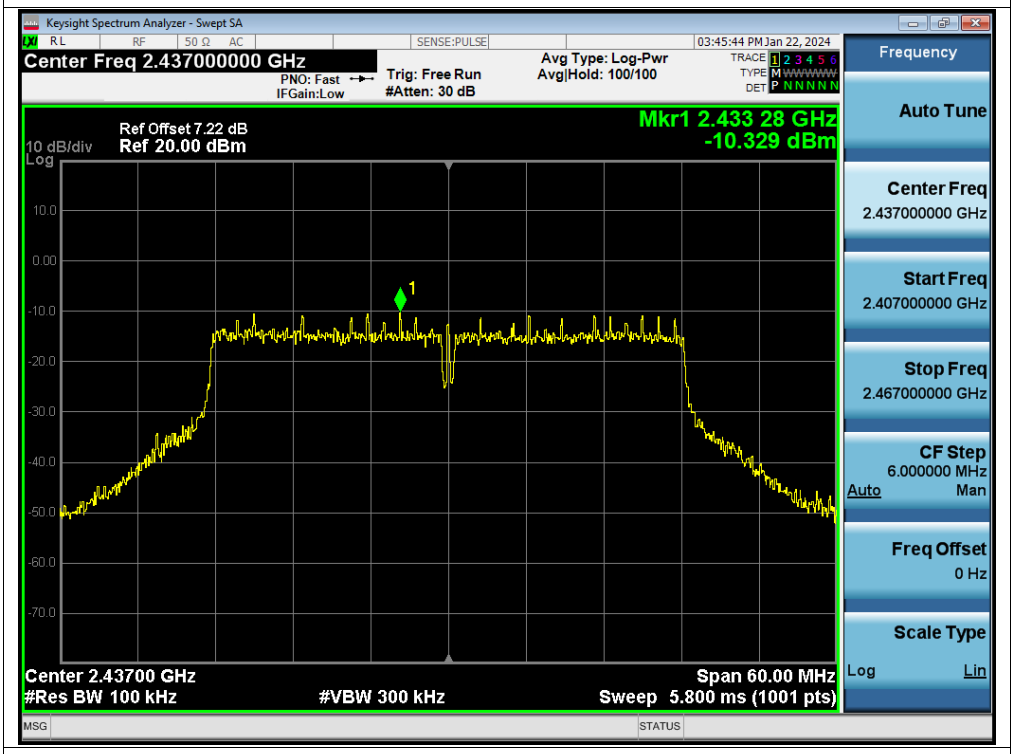


Tx. Spurious NVNT n20 2462MHz Ant1 Emission

Tx. Spurious NVNT n40 2422MHz Ant1 Ref

Tx. Spurious NVNT n40 2422MHz Ant1 Emission

Tx. Spurious NVNT n40 2437MHz Ant1 Ref



Tx. Spurious NVNT n40 2437MHz Ant1 Emission

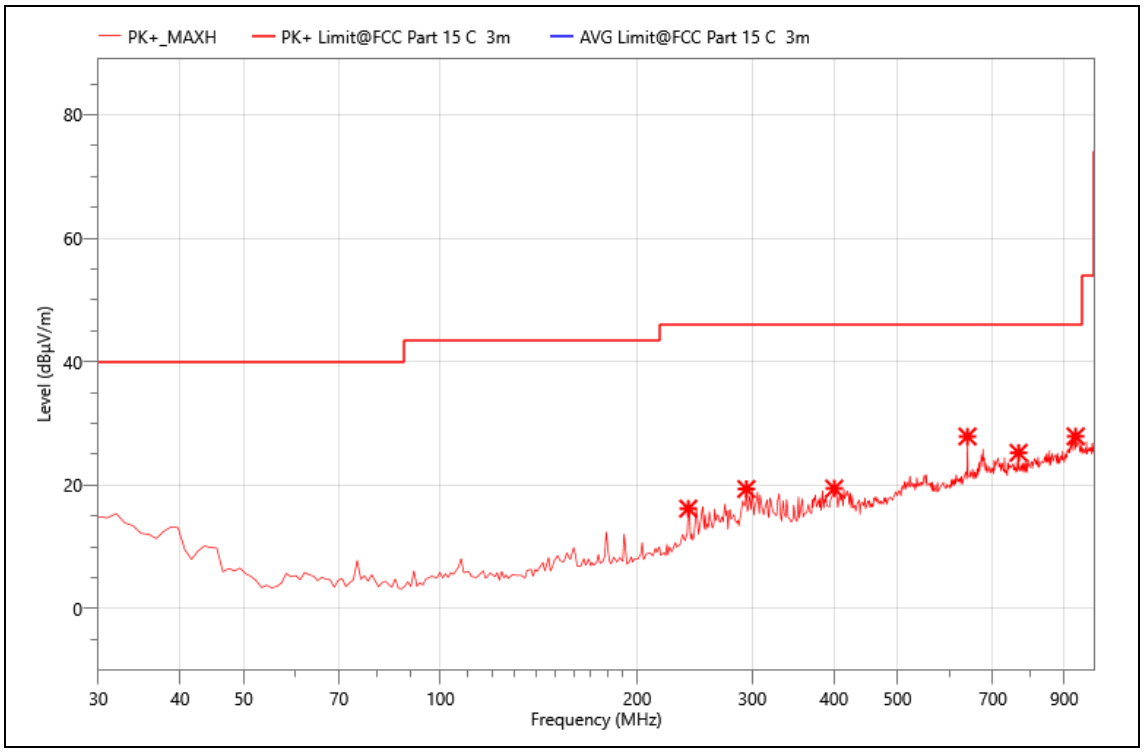
Tx. Spurious NVNT n40 2452MHz Ant1 Ref

Tx. Spurious NVNT n40 2452MHz Ant1 Emission

- Undesirable radiated Spurious Emission below 1GHz (30MHz to 1GHz)

The worst result as bellow:

EUT :	3M Neon Rope Light
MN:	R03MW-3
Mode:	2.4G WIFI b 2412
Power:	AC 120V/60Hz
TE:	Vier
Date	2024/01/22
T/A/P	24℃/53%/101Kpa

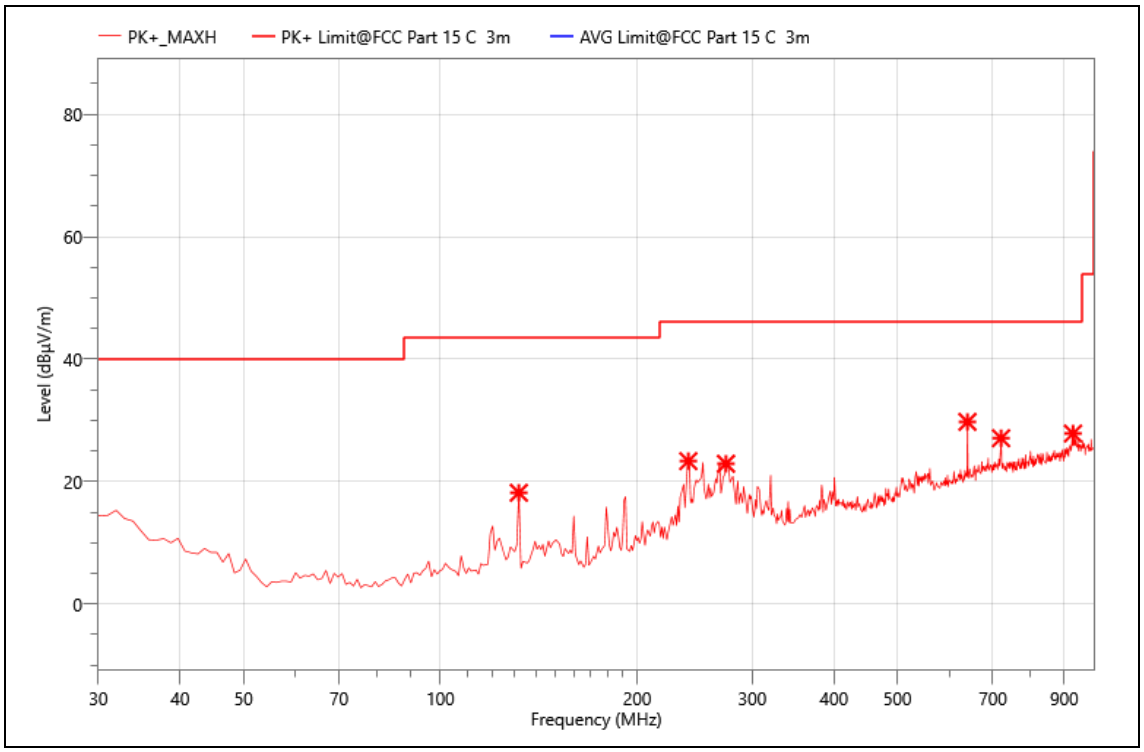


Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	239.520	35.85	-19.66	16.19	46.00	29.81	PK+	V
2	293.840	38.48	-19.1	19.38	46.00	26.62	PK+	V
3	400.540	33.38	-13.92	19.46	46.00	26.54	PK+	V
4	640.130	36.57	-8.69	27.88	46.00	18.12	PK+	V
5	766.230	32.45	-7.2	25.25	46.00	20.75	PK+	V
6	936.950	31.07	-3.17	27.90	46.00	18.10	PK+	V

Note：[Margin=Limit-Meas.]; [Meas.=Reading+Corr.]

EUT :	3M Neon Rope Light
MN:	R03MW-3
Mode:	2.4G WIFI b 2412
Power:	AC 120V/60Hz
TE:	Vier
Date	2024/01/22
T/A/P	24℃/53%/101Kpa

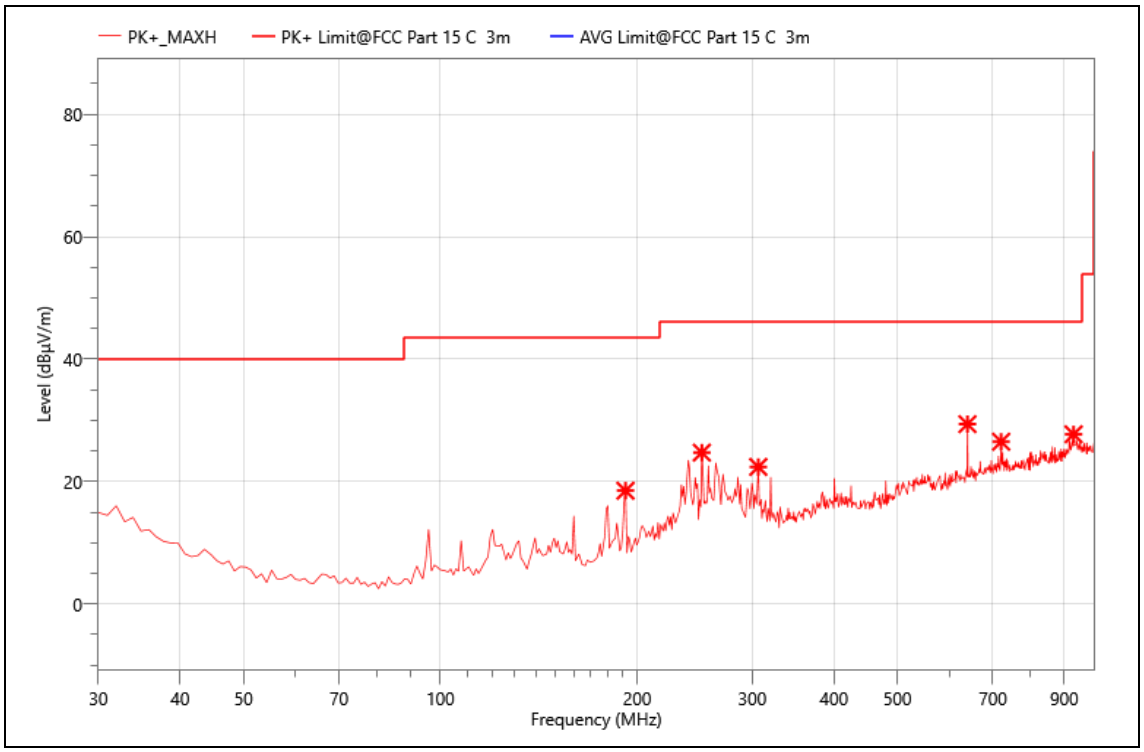


Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	131.850	42.27	-24.1	18.17	43.50	25.33	PK+	H
2	239.520	43.01	-19.66	23.35	46.00	22.65	PK+	H
3	273.470	41.69	-18.77	22.92	46.00	23.08	PK+	H
4	640.130	38.45	-8.69	29.76	46.00	16.24	PK+	H
5	720.640	34.03	-6.94	27.09	46.00	18.91	PK+	H
6	928.220	30.94	-3.09	27.85	46.00	18.15	PK+	H

Note：[Margin=Limit-Meas.]; [Meas.=Reading+Corr.]

EUT :	Monitor Back Light - Wi-Fi Version
MN:	S03MB
Mode:	2.4G WIFI b 2412
Power:	AC 120V/60Hz
TE:	Vier
Date	2024/01/22
T/A/P	24℃/53%/101Kpa

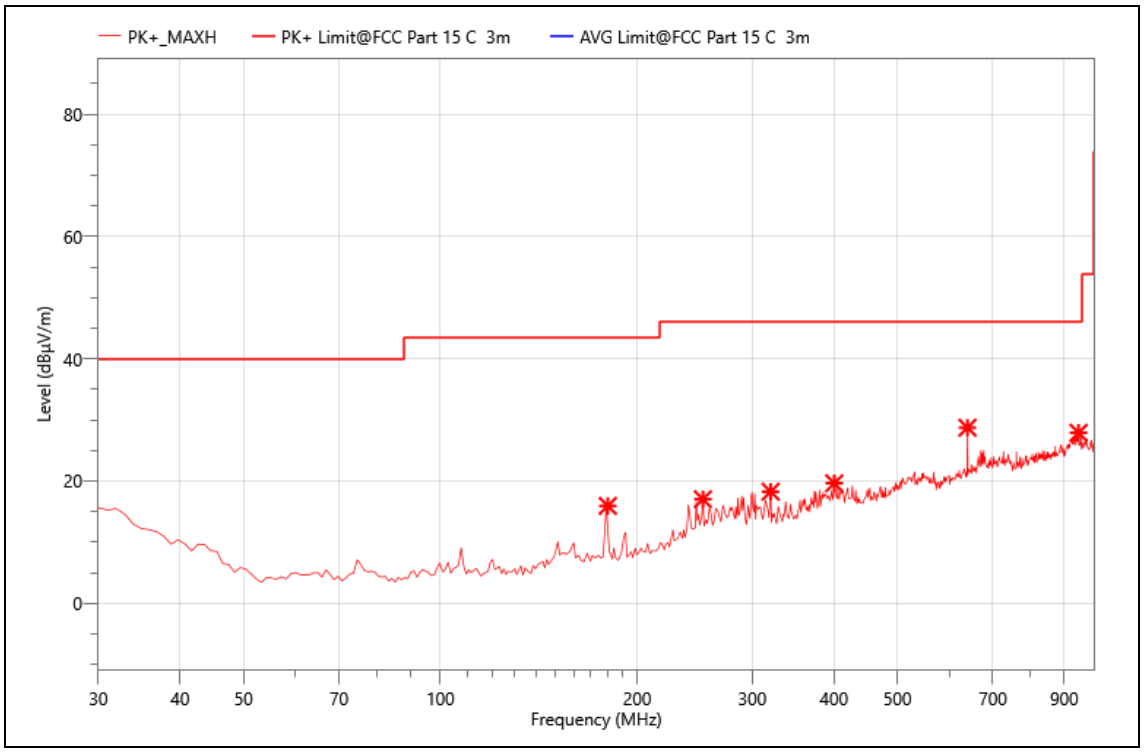


Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	191.990	41.08	-22.57	18.51	43.50	24.99	PK+	H
2	251.160	43.74	-19.01	24.73	46.00	21.27	PK+	H
3	306.450	40.98	-18.59	22.39	46.00	23.61	PK+	H
4	640.130	38.07	-8.69	29.38	46.00	16.62	PK+	H
5	720.640	33.45	-6.94	26.51	46.00	19.49	PK+	H
6	930.160	30.67	-2.95	27.72	46.00	18.28	PK+	H

Note：[Margin=Limit-Meas.]; [Meas.=Reading+Corr.]

EUT :	Monitor Back Light - Wi-Fi Version
MN:	S03MB
Mode:	2.4G WIFI b 2412
Power:	AC 120V/60Hz
TE:	Vier
Date	2024/01/22
T/A/P	24℃/53%/101Kpa



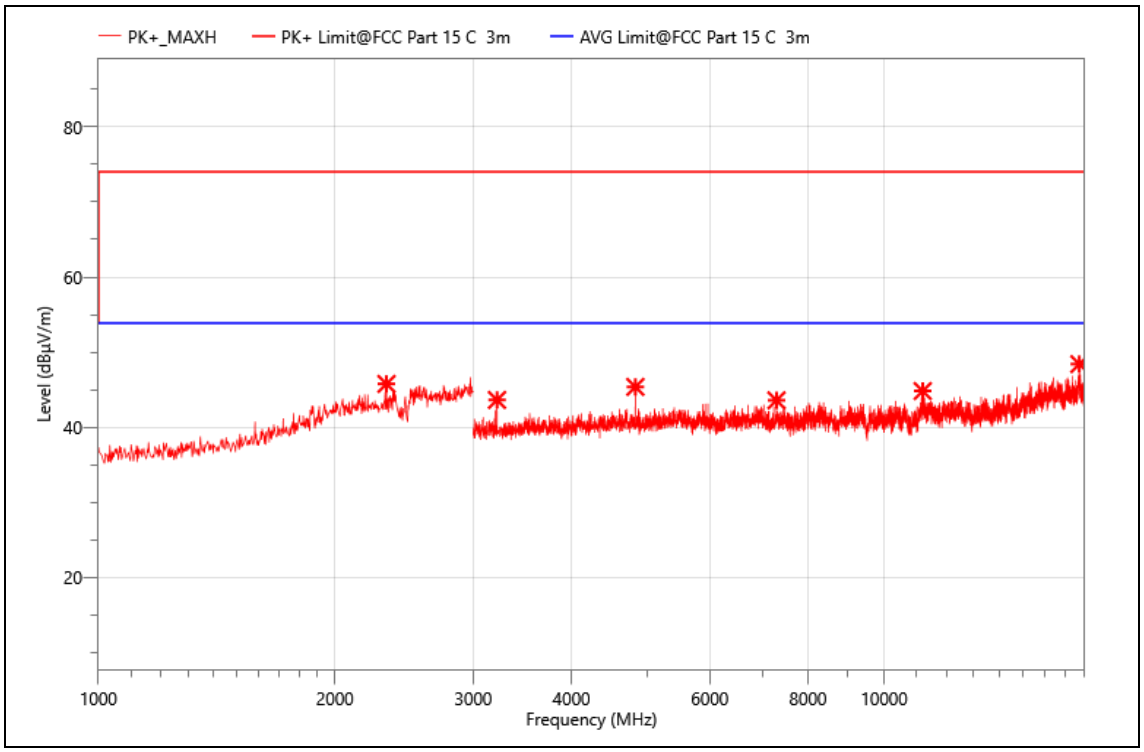
Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	180.350	38.07	-22.15	15.92	43.50	27.58	PK+	V
2	252.130	36.01	-18.99	17.02	46.00	28.98	PK+	V
3	320.030	36.16	-17.9	18.26	46.00	27.74	PK+	V
4	400.540	33.55	-13.92	19.63	46.00	26.37	PK+	V
5	640.130	37.41	-8.69	28.72	46.00	17.28	PK+	V
6	946.650	31.23	-3.34	27.89	46.00	18.11	PK+	V

Note：[Margin=Limit-Meas.]; [Meas.=Reading+Corr.]

- Undesirable radiated Spurious Emission Above 1GHz (1GHz to 40GHz)
  The worst result as bellow:

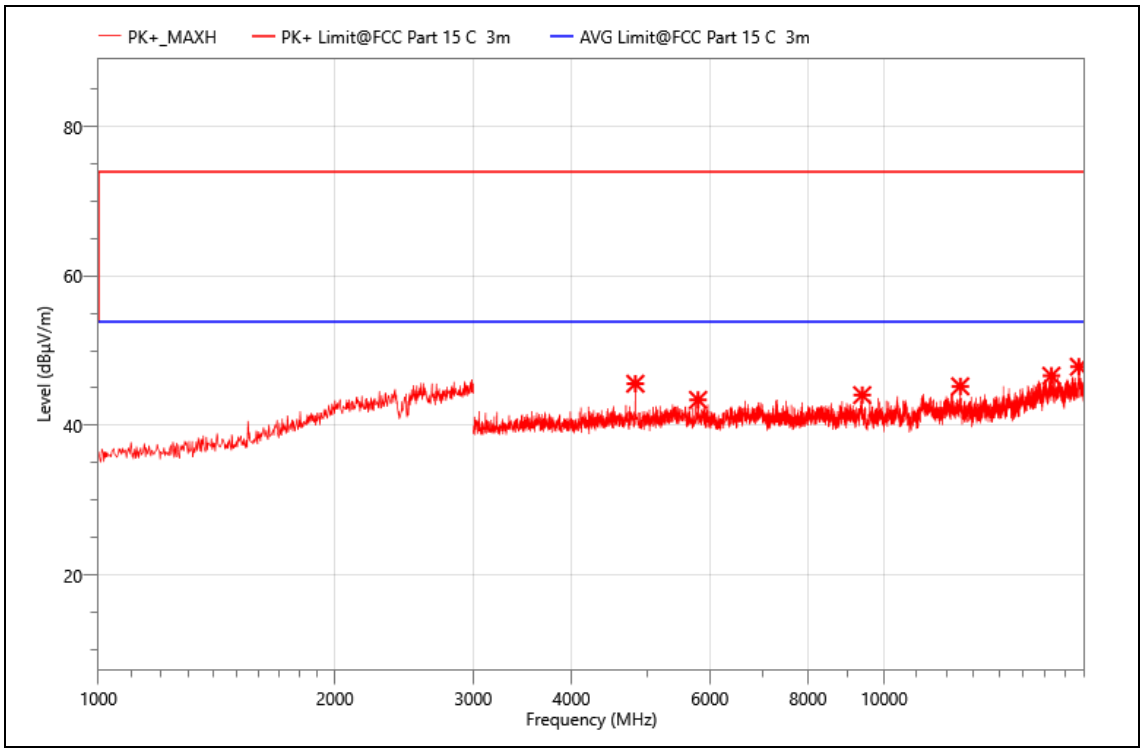
EUT :	3M Neon Rope Light
MN:	R03MW-3
Mode:	2.4G WIFI b 2412
Power:	AC 120V/60Hz
TE:	Vier
Date	2024/01/22
T/A/P	24℃/53%/101Kpa



Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2326.000	54.58	-8.8	45.78	74.00	28.22	PK+	V
2	3216.000	58.36	-14.72	43.64	74.00	30.36	PK+	V
3	4824.000	56.85	-11.47	45.38	74.00	28.62	PK+	V
4	7294.500	51.31	-7.72	43.59	74.00	30.41	PK+	V
5	11197.500	49.32	-4.49	44.83	74.00	29.17	PK+	V
6	17718.000	48.62	-0.21	48.41	74.00	25.59	PK+	V

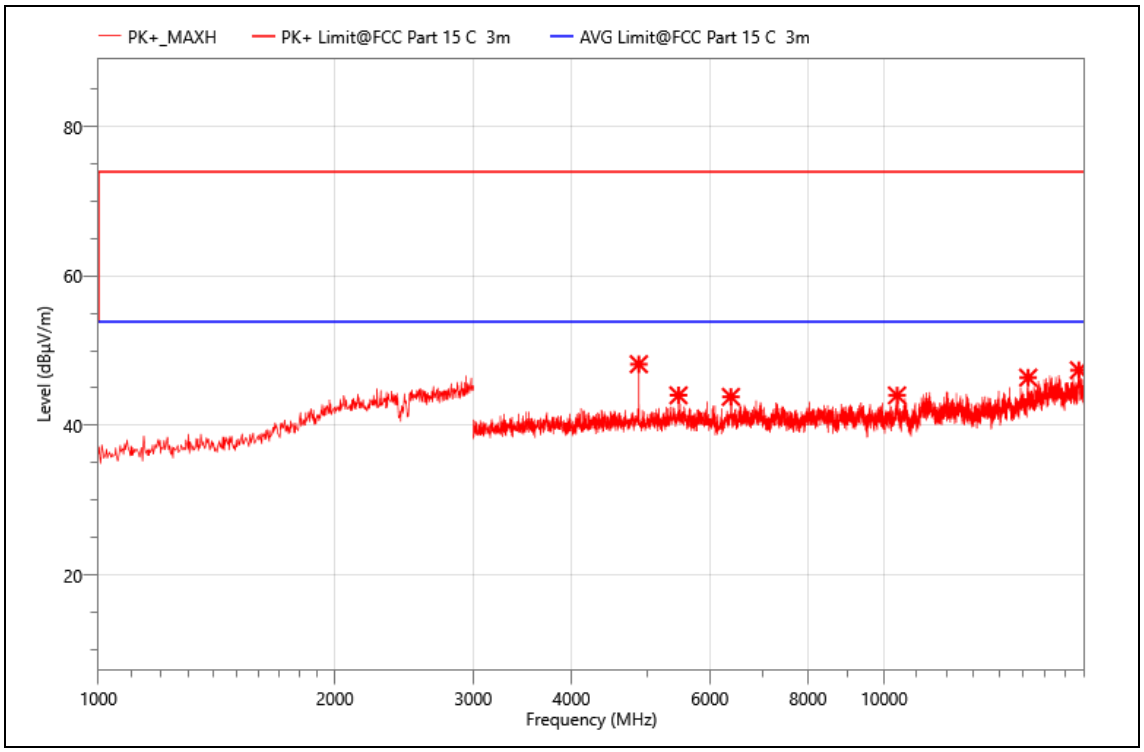
EUT :	3M Neon Rope Light
MN:	R03MW-3
Mode:	2.4G WIFI b 2412
Power:	AC 120V/60Hz
TE:	Vier
Date	2024/01/22
T/A/P	24℃/53%/101Kpa



Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	4824.000	57.05	-11.47	45.58	74.00	28.42	PK+	H
2	5797.500	52.58	-9.16	43.42	74.00	30.58	PK+	H
3	9378.000	51.43	-7.37	44.06	74.00	29.94	PK+	H
4	12499.500	49.58	-4.35	45.23	74.00	28.77	PK+	H
5	16327.500	48.64	-1.99	46.65	74.00	27.35	PK+	H
6	17698.500	47.66	0.19	47.85	74.00	26.15	PK+	H

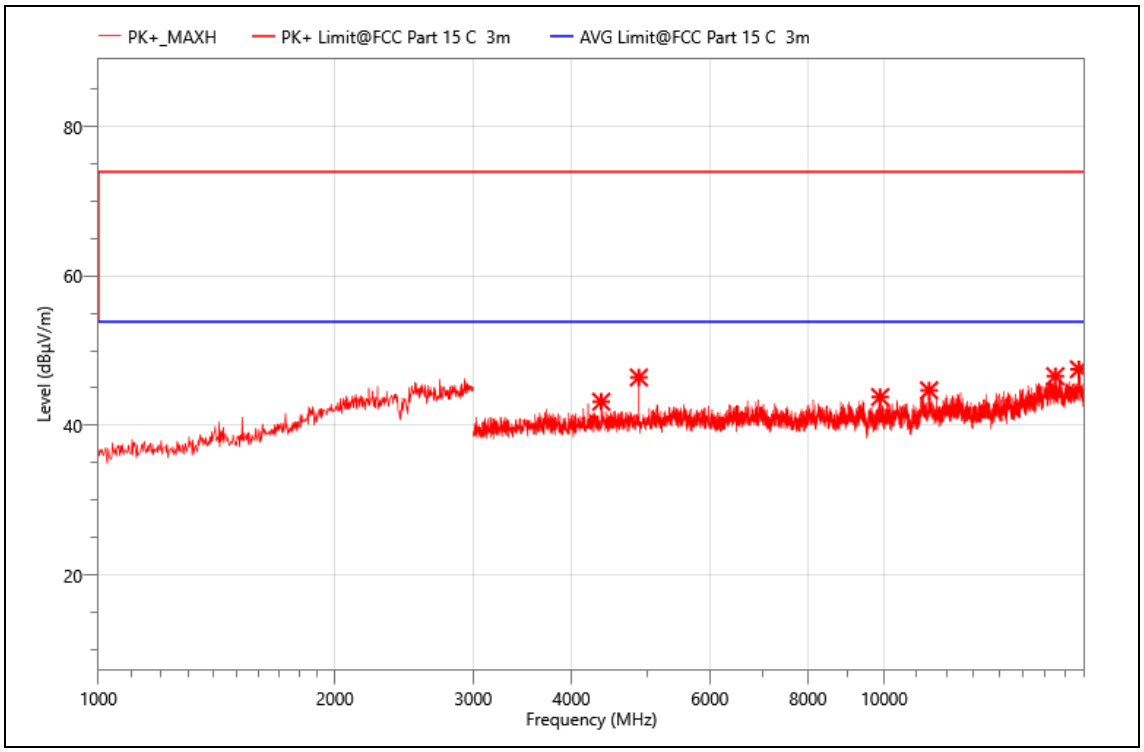
EUT :	3M Neon Rope Light
MN:	R03MW-3
Mode:	2.4G WIFI b 2437
Power:	AC 120V/60Hz
TE:	Vier
Date	2024/01/22
T/A/P	24℃/53%/101Kpa



Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	4873.500	59.35	-11.15	48.20	74.00	25.80	PK+	H
2	5473.500	53.85	-9.82	44.03	74.00	29.97	PK+	H
3	6382.500	51.69	-7.87	43.82	74.00	30.18	PK+	H
4	10386.000	49.65	-5.63	44.02	74.00	29.98	PK+	H
5	15252.000	49.24	-2.84	46.40	74.00	27.60	PK+	H
6	17697.000	47.20	0.2	47.40	74.00	26.60	PK+	H

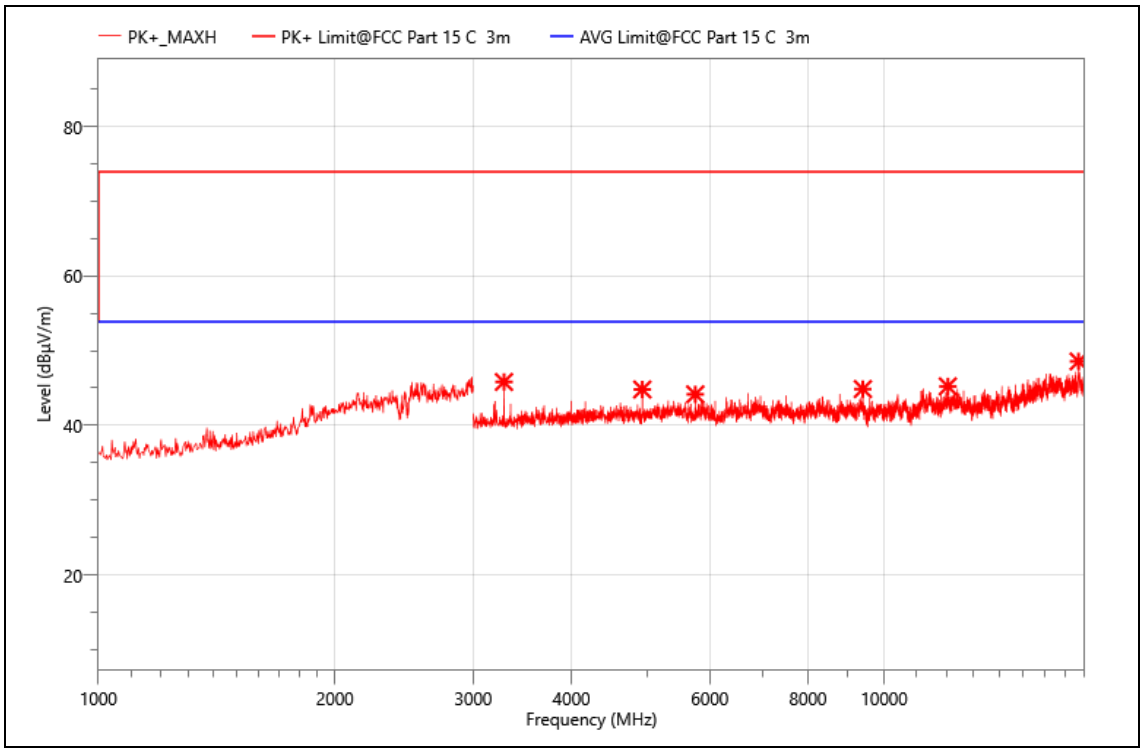
EUT :	3M Neon Rope Light
MN:	R03MW-3
Mode:	2.4G WIFI b 2437
Power:	AC 120V/60Hz
TE:	Vier
Date	2024/01/22
T/A/P	24℃/53%/101Kpa



Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	4365.000	55.30	-12.13	43.17	74.00	30.83	PK+	V
2	4873.500	57.57	-11.15	46.42	74.00	27.58	PK+	V
3	9885.000	50.60	-6.8	43.80	74.00	30.20	PK+	V
4	11409.000	49.14	-4.44	44.70	74.00	29.30	PK+	V
5	16515.000	48.04	-1.45	46.59	74.00	27.41	PK+	V
6	17695.500	47.31	0.21	47.52	74.00	26.48	PK+	V

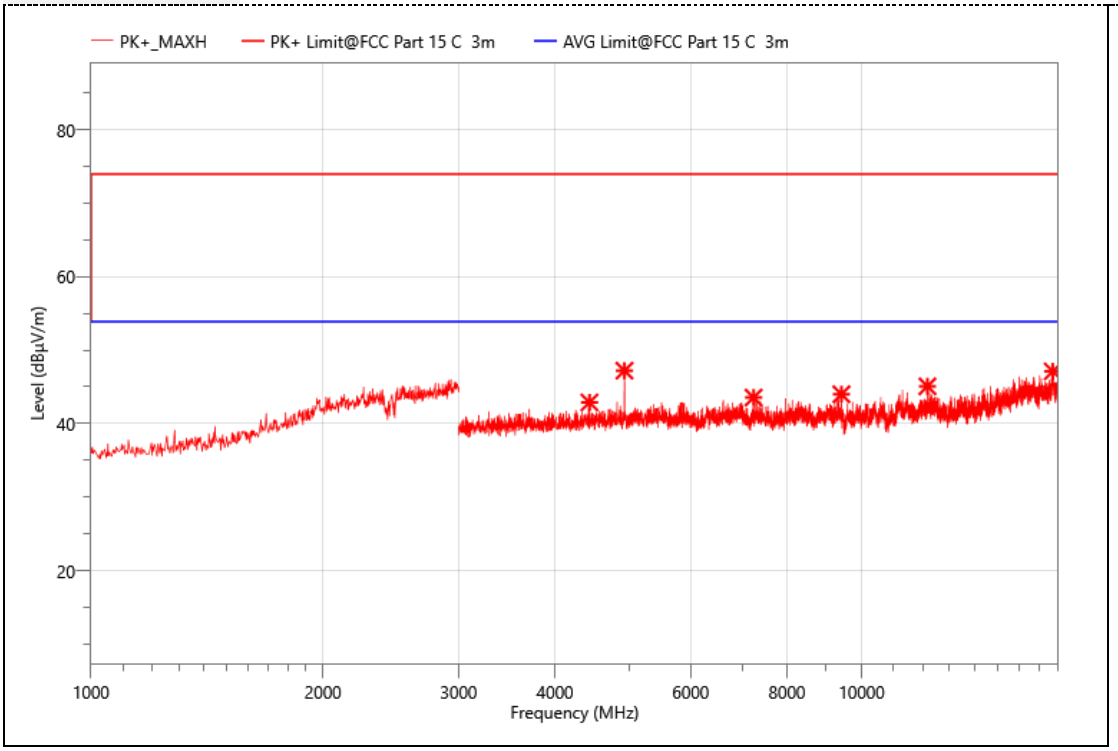
EUT :	3M Neon Rope Light
MN:	R03MW-3
Mode:	2.4G WIFI b 2462
Power:	AC 120V/60Hz
TE:	Vier
Date	2024/01/22
T/A/P	24℃/53%/101Kpa



Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	3282.000	60.51	-14.69	45.82	74.00	28.18	PK+	V
2	4923.000	55.92	-11.11	44.81	74.00	29.19	PK+	V
3	5749.500	53.58	-9.41	44.17	74.00	29.83	PK+	V
4	9396.000	52.06	-7.19	44.87	74.00	29.13	PK+	V
5	12052.500	50.19	-4.96	45.23	74.00	28.77	PK+	V
6	17680.500	48.28	0.29	48.57	74.00	25.43	PK+	V

EUT :	3M Neon Rope Light
MN:	R03MW-3
Mode:	2.4G WIFI b 2462
Power:	AC 120V/60Hz
TE:	Vier
Date	2024/01/22
T/A/P	24℃/53%/101Kpa



Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	4434.000	54.99	-12.1	42.89	74.00	31.11	PK+	H
2	4923.000	58.32	-11.11	47.21	74.00	26.79	PK+	H
3	7240.500	51.70	-8.15	43.55	74.00	30.45	PK+	H
4	9414.000	51.13	-7.13	44.00	74.00	30.00	PK+	H
5	12171.000	49.65	-4.57	45.08	74.00	28.92	PK+	H
6	17700.000	46.93	0.18	47.11	74.00	26.89	PK+	H

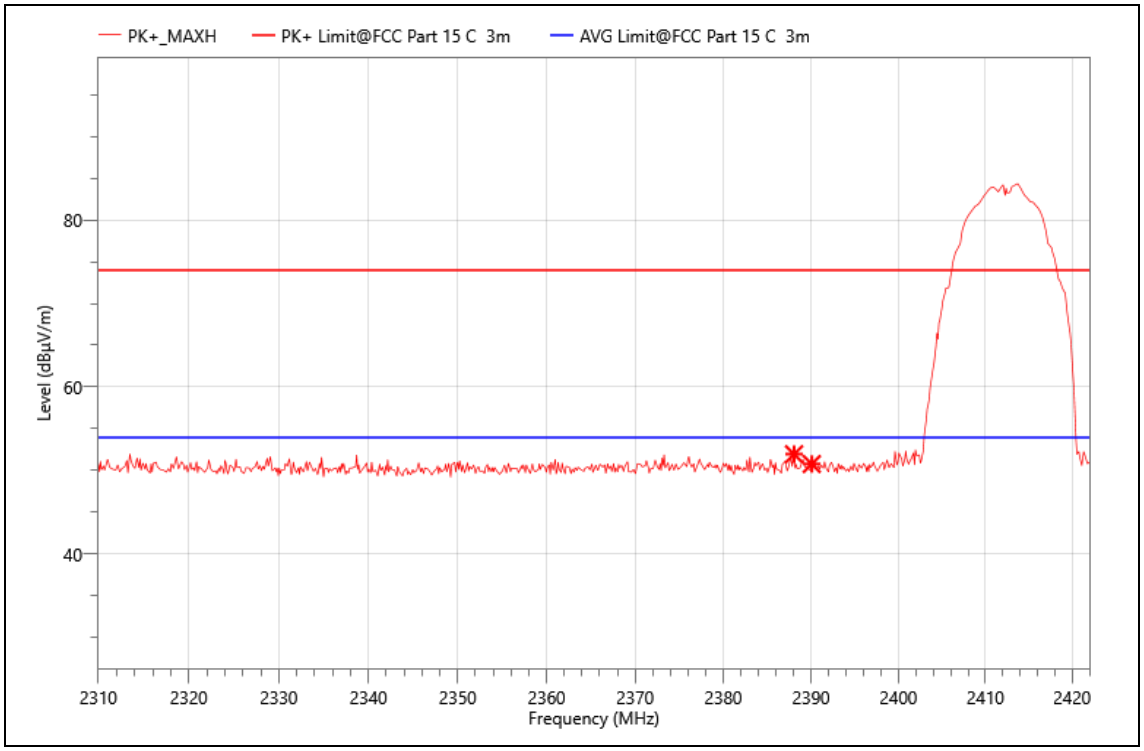
No others harmonics emissions are higher than 20 dB below the limits of 47 CFR Part 15.247.

Note:

1. [Margin=Limit-Meas.]; [Meas.=Reading+Corr.]
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
5. Measuring frequencies from 1GHz to 25GHz.

- Band Edge

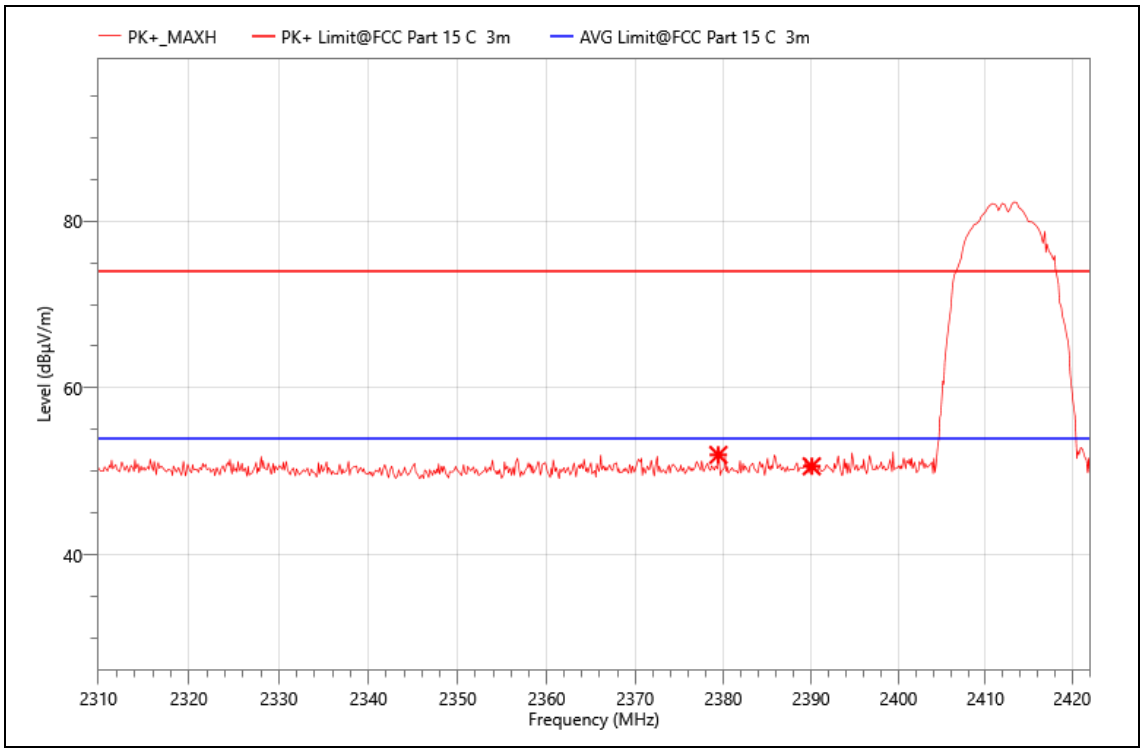
EUT :	3M Neon Rope Light
MN:	R03MW-3
Mode:	2.4G WIFI b 2412
Power:	AC 120V/60Hz
TE:	Vier
Date	2024/01/22
T/A/P	24℃/53%/101Kpa



Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2388.064	26.02	25.95	51.97	74.00	22.03	PK+	H
2	2390.080	24.83	25.96	50.79	74.00	23.21	PK+	H

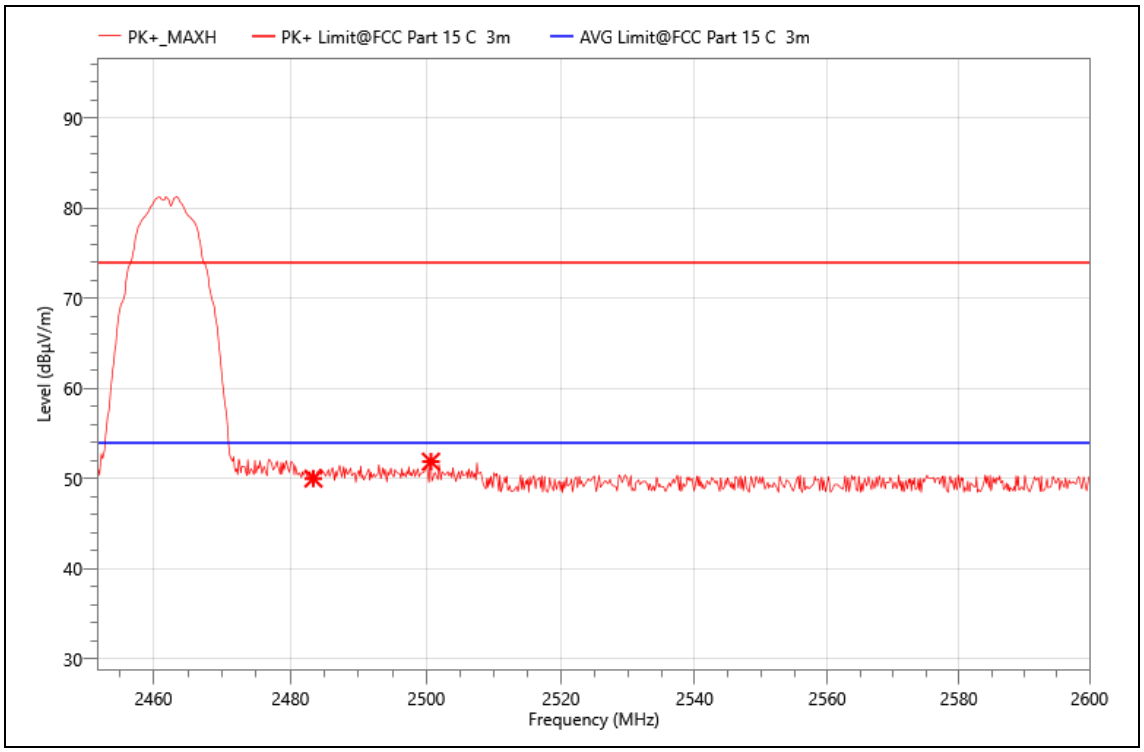
EUT :	3M Neon Rope Light
MN:	R03MW-3
Mode:	2.4G WIFI b 2412
Power:	AC 120V/60Hz
TE:	Vier
Date	2024/01/22
T/A/P	24℃/53%/101Kpa



Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2379.440	26.08	25.92	52.00	74.00	22.00	PK+	V
2	2390.080	24.68	25.96	50.64	74.00	23.36	PK+	V

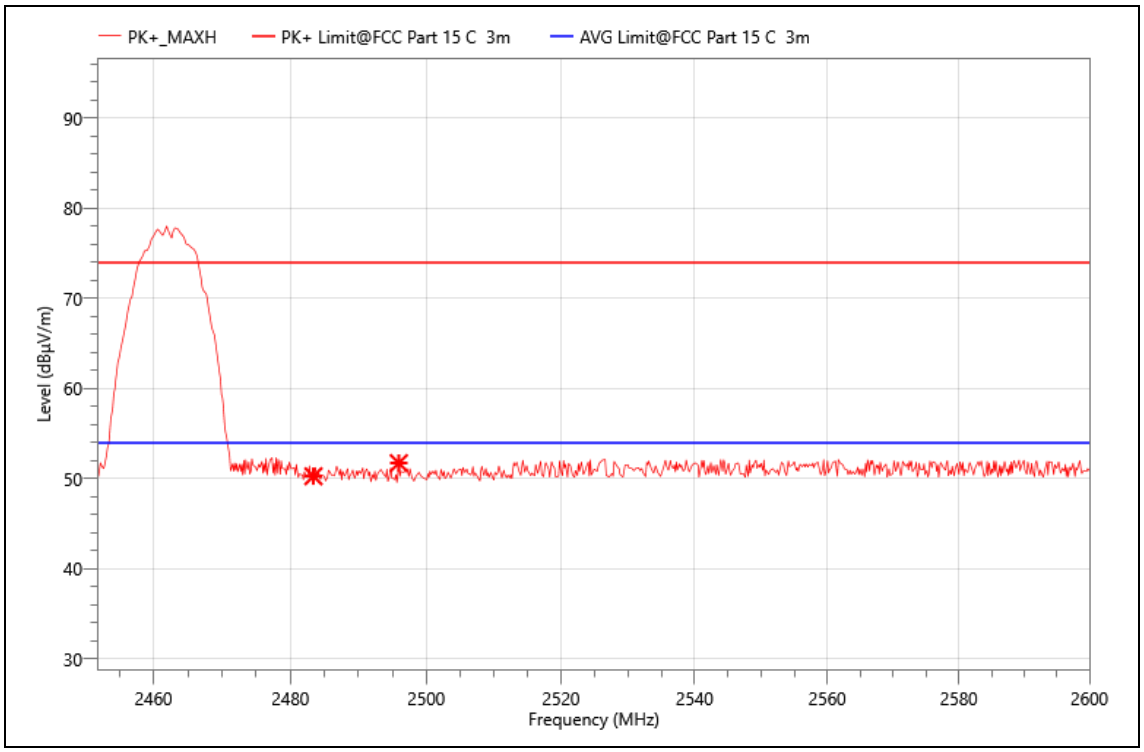
EUT :	3M Neon Rope Light
MN:	R03MW-3
Mode:	2.4G WIFI b 2462
Power:	AC 120V/60Hz
TE:	Vier
Date	2024/01/22
T/A/P	24℃/53%/101Kpa



Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2483.376	24.30	25.71	50.01	74.00	23.99	PK+	H
2	2500.692	26.11	25.78	51.89	74.00	22.11	PK+	H

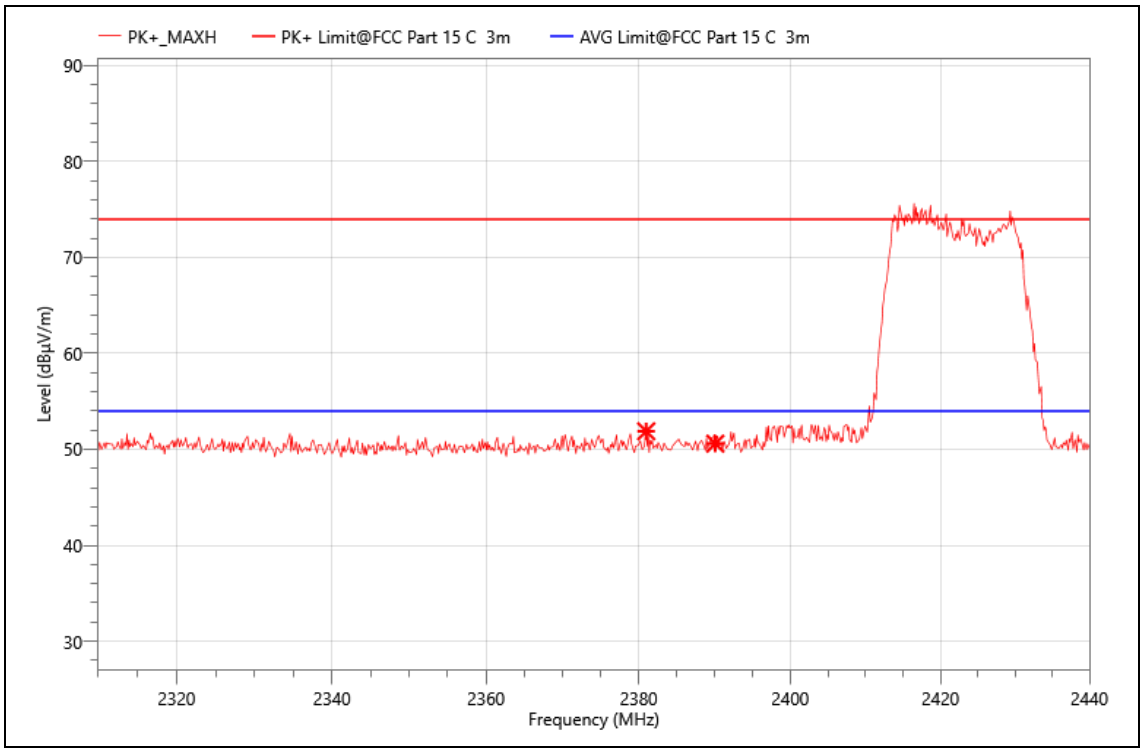
EUT :	3M Neon Rope Light
MN:	R03MW-3
Mode:	2.4G WIFI b 2462
Power:	AC 120V/60Hz
TE:	Vier
Date	2024/01/22
T/A/P	24℃/53%/101Kpa



Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2483.376	24.56	25.71	50.27	74.00	23.73	PK+	V
2	2495.956	25.98	25.75	51.73	74.00	22.27	PK+	V

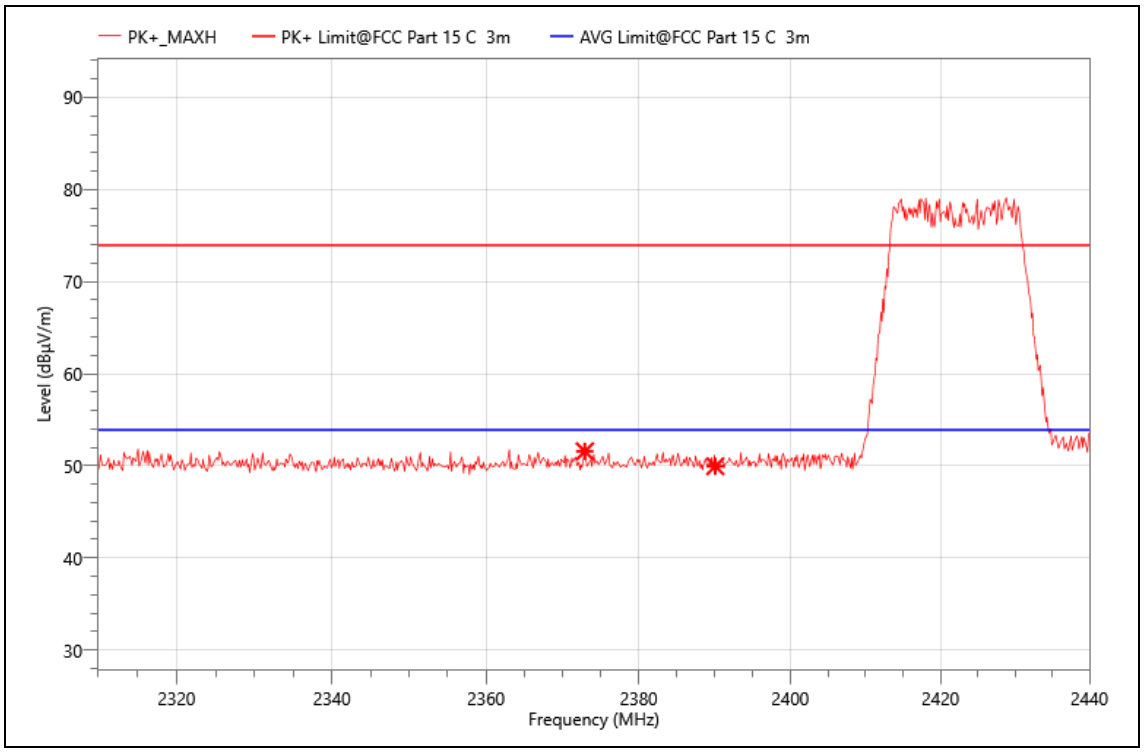
EUT :	3M Neon Rope Light
MN:	R03MW-3
Mode:	2.4G WIFI n40 2422
Power:	AC 120V/60Hz
TE:	Vier
Date	2024/01/22
T/A/P	24℃/53%/101Kpa



Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2380.980	25.96	25.92	51.88	74.00	22.12	PK+	V
2	2390.080	24.63	25.96	50.59	74.00	23.41	PK+	V

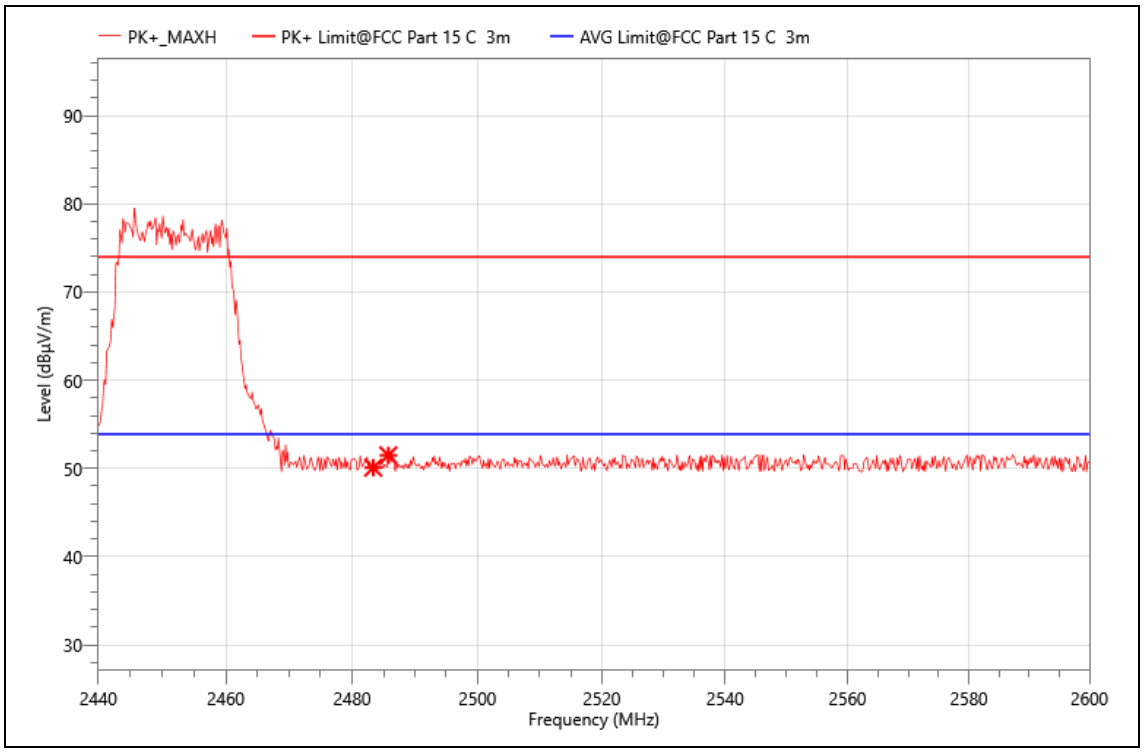
EUT :	3M Neon Rope Light
MN:	R03MW-3
Mode:	2.4G WIFI n40 2422
Power:	AC 120V/60Hz
TE:	Vier
Date	2024/01/22
T/A/P	24℃/53%/101Kpa



Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2372.920	25.68	25.89	51.57	74.00	22.43	PK+	H
2	2390.080	23.99	25.96	49.95	74.00	24.05	PK+	H

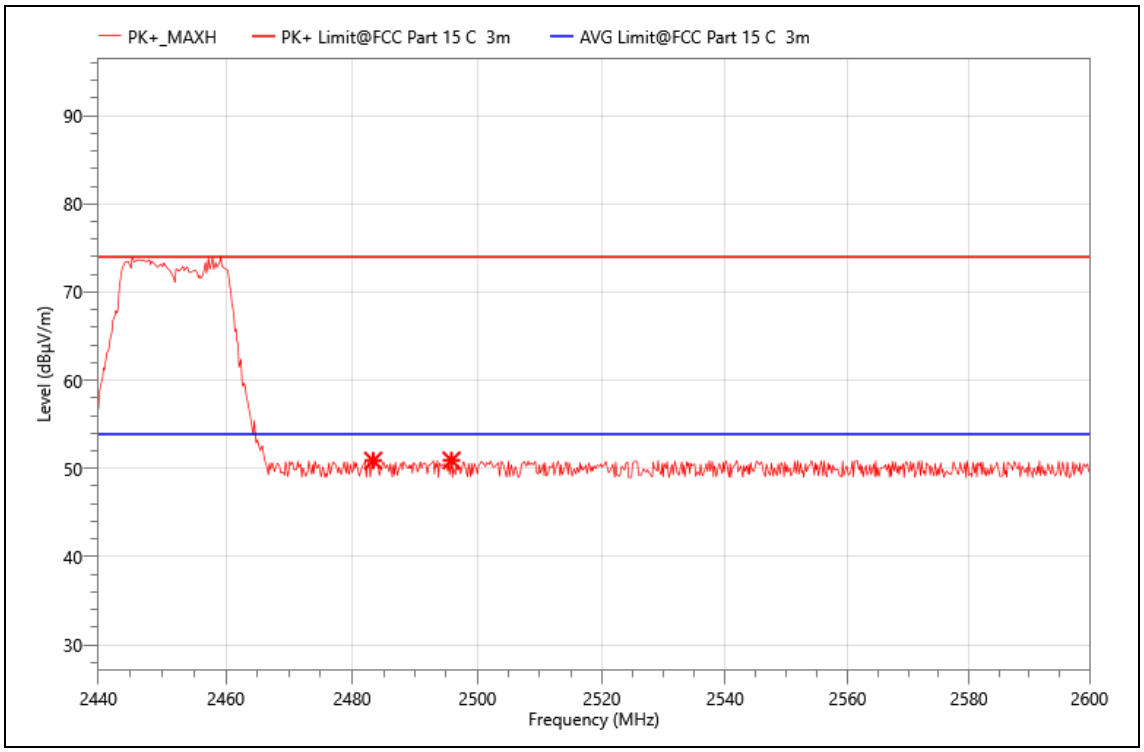
EUT :	3M Neon Rope Light
MN:	R03MW-3
Mode:	2.4G WIFI n40 2452
Power:	AC 120V/60Hz
TE:	Vier
Date	2024/01/22
T/A/P	24℃/53%/101Kpa



Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2483.360	24.37	25.71	50.08	74.00	23.92	PK+	H
2	2485.760	25.78	25.72	51.50	74.00	22.50	PK+	H

EUT :	3M Neon Rope Light
MN:	R03MW-3
Mode:	2.4G WIFI n40 2452
Power:	AC 120V/60Hz
TE:	Vier
Date	2024/01/22
T/A/P	24℃/53%/101Kpa



Critical_Freqs

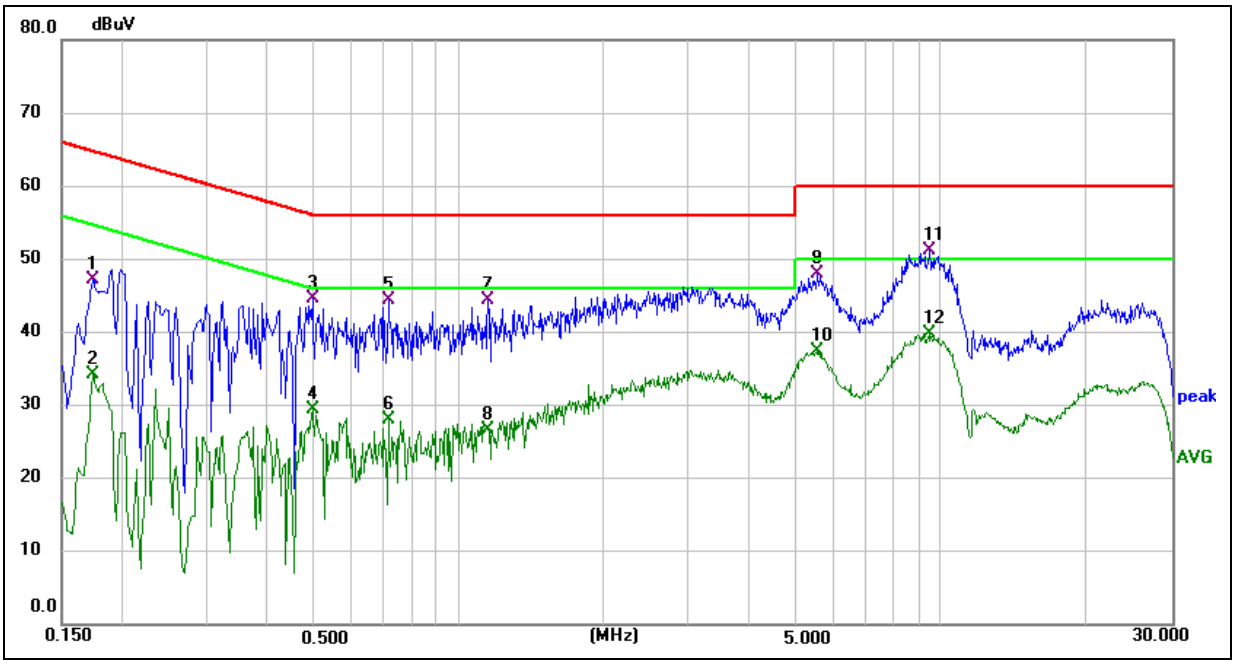
No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2483.360	25.17	25.71	50.88	74.00	23.12	PK+	V
2	2495.840	25.16	25.75	50.91	74.00	23.09	PK+	V

Note:

1. [Margin=Limit-Meas.]; [Meas.=Reading+Corr.]
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

- AC POWER LINE CONDUCTED EMISSIONS

LINE L1 RESULTS (Model: R03MW-3, 2.4G WIFI b 2412)

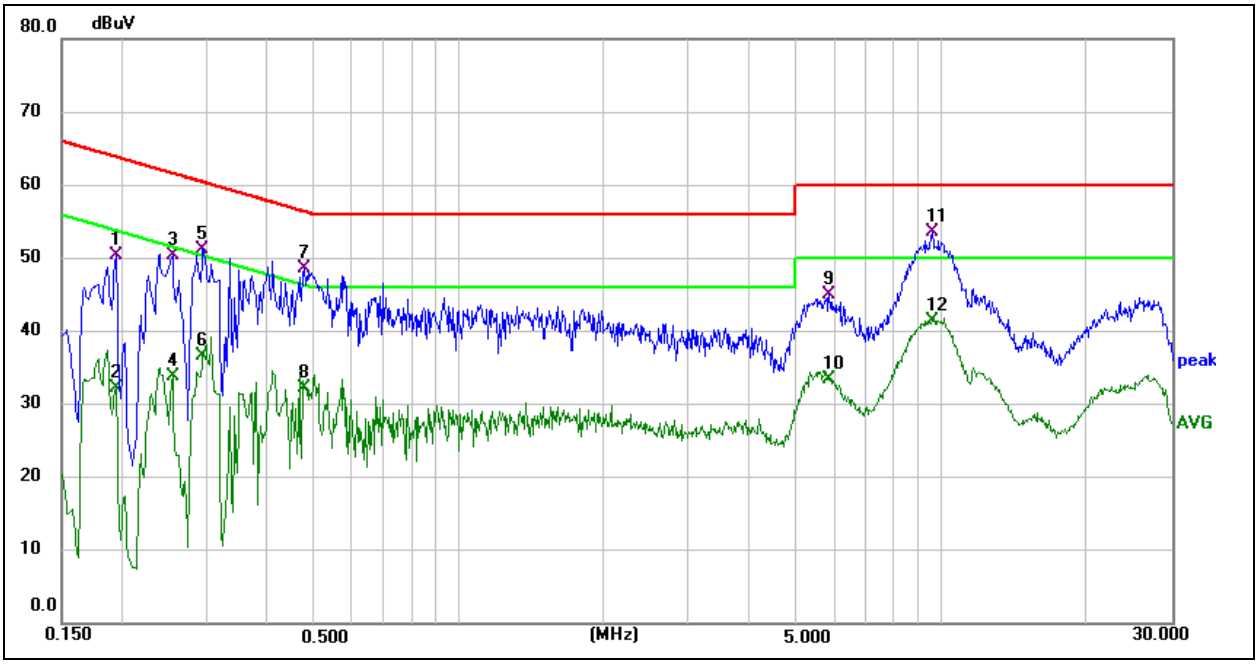


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)	
1	0.1740	36.37	10.72	47.09	64.77	-17.68	QP
2	0.1740	23.48	10.72	34.20	54.77	-20.57	AVG
3	0.4980	33.16	11.40	44.56	56.03	-11.47	QP
4	0.4980	18.10	11.40	29.50	46.03	-16.53	AVG
5	0.7140	32.56	11.83	44.39	56.00	-11.61	QP
6	0.7140	16.18	11.83	28.01	46.00	-17.99	AVG
7	1.1500	33.90	10.42	44.32	56.00	-11.68	QP
8	1.1500	16.29	10.42	26.71	46.00	-19.29	AVG
9	5.5540	37.46	10.50	47.96	60.00	-12.04	QP
10	5.5540	26.93	10.50	37.43	50.00	-12.57	AVG
11 *	9.4980	40.44	10.69	51.13	60.00	-8.87	QP
12	9.4980	29.02	10.69	39.71	50.00	-10.29	AVG

Note: 1. Result = Reading +Correct Factor.

2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.

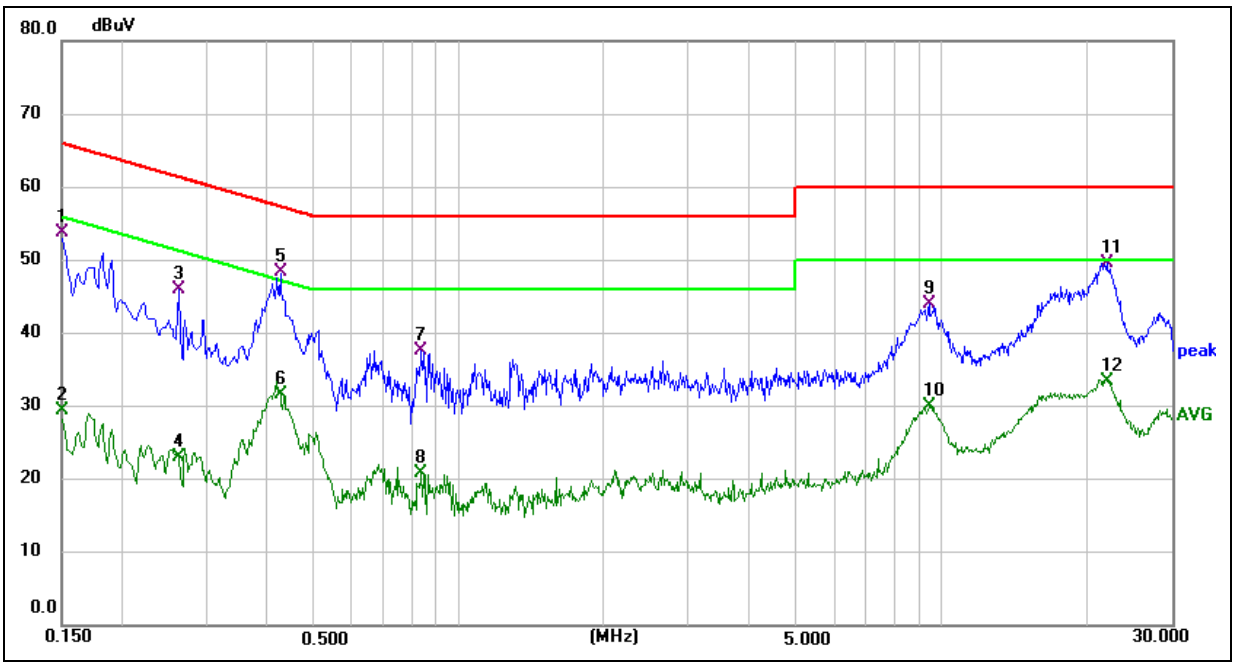
LINE N RESULTS (Model: R03MW-3, 2.4G WIFI b 2412)



Phase: N

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)	
1	0.1940	39.63	10.71	50.34	63.86	-13.52	QP
2	0.1940	21.56	10.71	32.27	53.86	-21.59	AVG
3	0.2540	39.59	10.82	50.41	61.63	-11.22	QP
4	0.2540	23.06	10.82	33.88	51.63	-17.75	AVG
5	0.2940	40.36	10.90	51.26	60.41	-9.15	QP
6	0.2940	25.65	10.90	36.55	50.41	-13.86	AVG
7	0.4780	37.34	11.29	48.63	56.37	-7.74	QP
8	0.4780	20.83	11.29	32.12	46.37	-14.25	AVG
9	5.8500	34.55	10.44	44.99	60.00	-15.01	QP
10	5.8500	22.90	10.44	33.34	50.00	-16.66	AVG
11 *	9.5860	42.90	10.61	53.51	60.00	-6.49	QP
12	9.5860	30.82	10.61	41.43	50.00	-8.57	AVG

LINE L1 RESULTS (Model: S03MB, 2.4G WIFI b 2412)

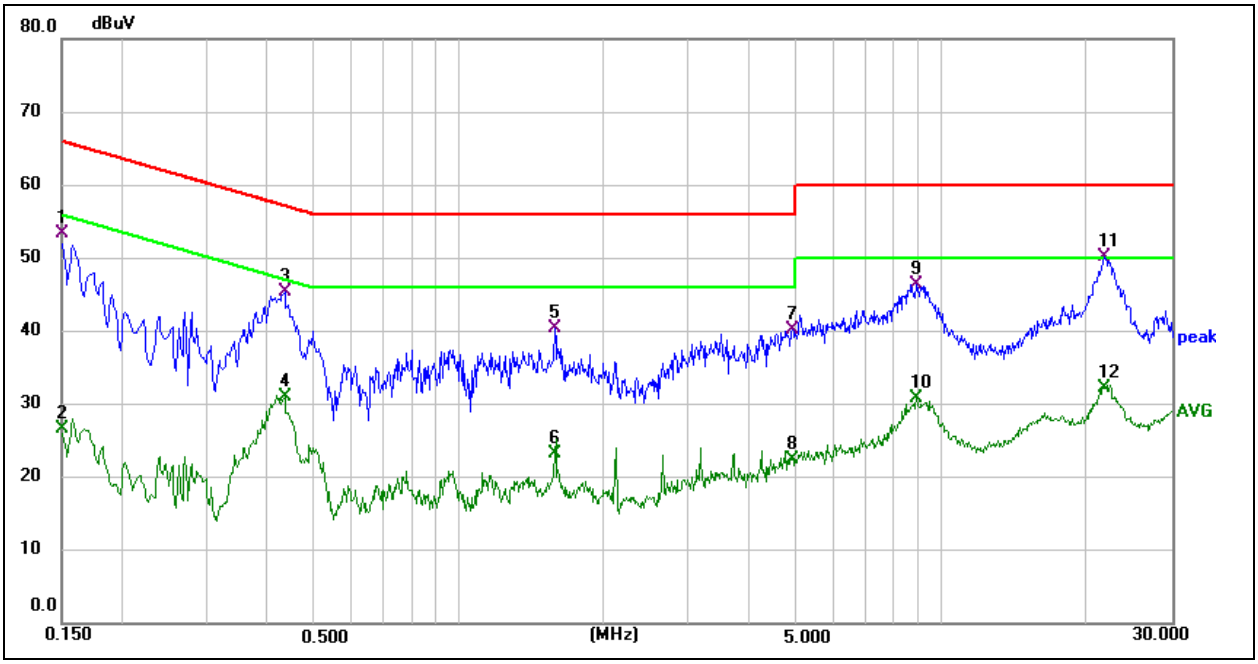


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)	
1	0.1500	43.19	10.67	53.86	66.00	-12.14	QP
2	0.1500	18.69	10.67	29.36	56.00	-26.64	AVG
3	0.2620	35.10	10.91	46.01	61.37	-15.36	QP
4	0.2620	12.21	10.91	23.12	51.37	-28.25	AVG
5 *	0.4260	37.01	11.27	48.28	57.33	-9.05	QP
6	0.4260	20.44	11.27	31.71	47.33	-15.62	AVG
7	0.8380	27.20	10.41	37.61	56.00	-18.39	QP
8	0.8380	10.46	10.41	20.87	46.00	-25.13	AVG
9	9.4020	33.21	10.69	43.90	60.00	-16.10	QP
10	9.4020	19.31	10.69	30.00	50.00	-20.00	AVG
11	21.9980	38.40	11.17	49.57	60.00	-10.43	QP
12	21.9980	22.25	11.17	33.42	50.00	-16.58	AVG

Note: 1. Result = Reading +Correct Factor.

2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.

LINE N RESULTS (Model: S03MB, 2.4G WIFI b 2412)



Phase: N

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)	
1	0.1500	42.73	10.61	53.34	66.00	-12.66	QP
2	0.1500	16.12	10.61	26.73	56.00	-29.27	AVG
3	0.4340	34.13	11.19	45.32	57.18	-11.86	QP
4	0.4340	19.88	11.19	31.07	47.18	-16.11	AVG
5	1.5820	29.94	10.36	40.30	56.00	-15.70	QP
6	1.5820	12.94	10.36	23.30	46.00	-22.70	AVG
7	4.9140	29.70	10.41	40.11	56.00	-15.89	QP
8	4.9140	11.94	10.41	22.35	46.00	-23.65	AVG
9	8.8740	35.78	10.58	46.36	60.00	-13.64	QP
10	8.8740	20.22	10.58	30.80	50.00	-19.20	AVG
11 *	21.8220	39.20	11.01	50.21	60.00	-9.79	QP
12	21.8220	21.29	11.01	32.30	50.00	-17.70	AVG

Note: 1. Result = Reading +Correct.

2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. All test modes had been tested, only the worst data record in the report.