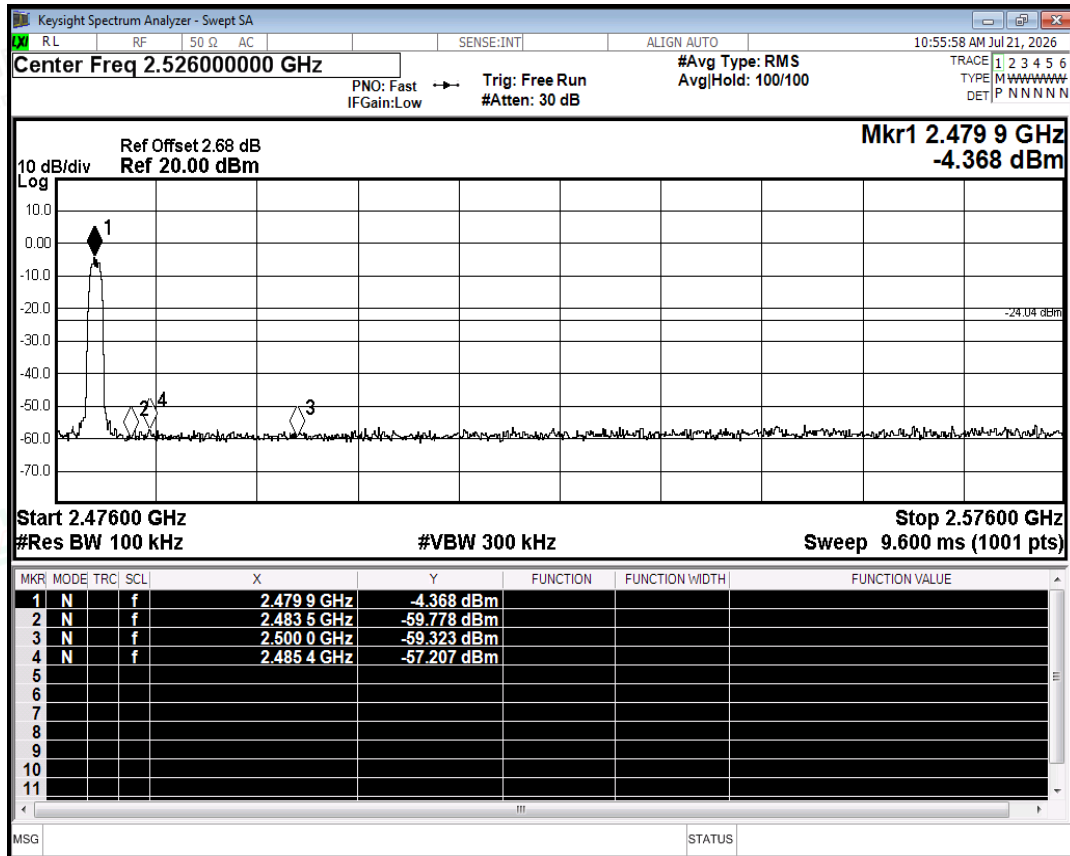
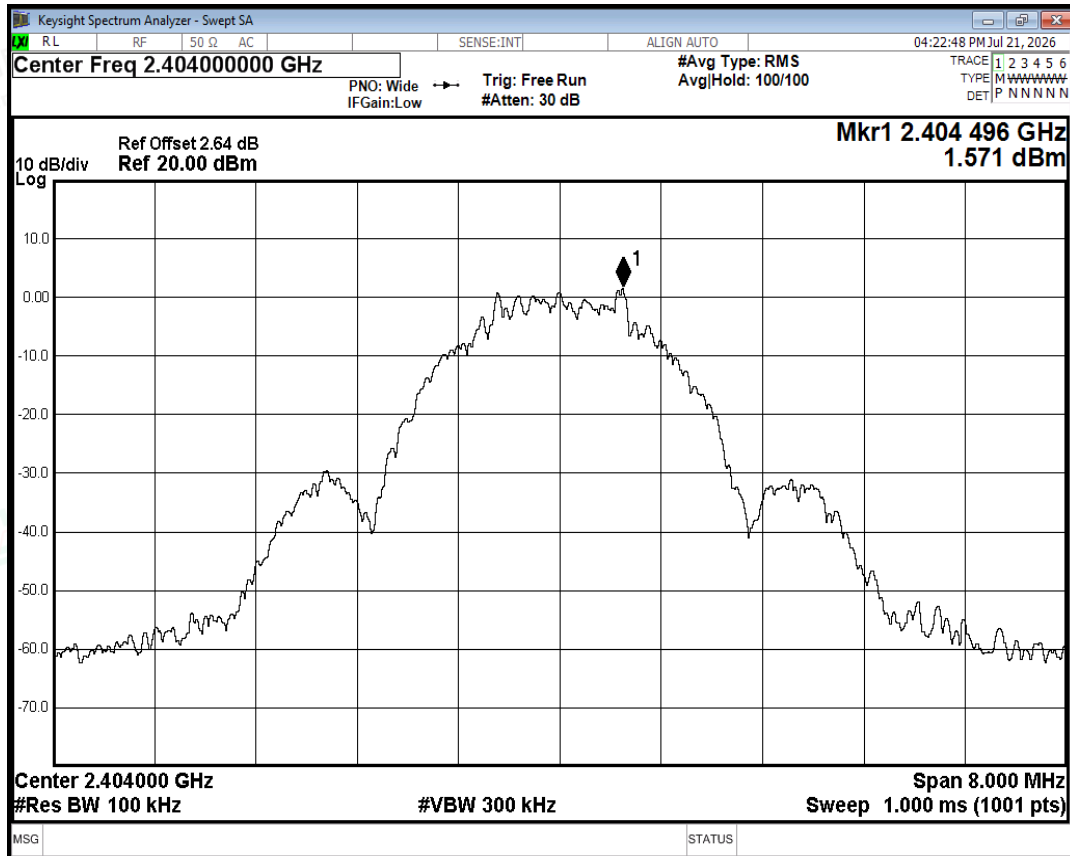




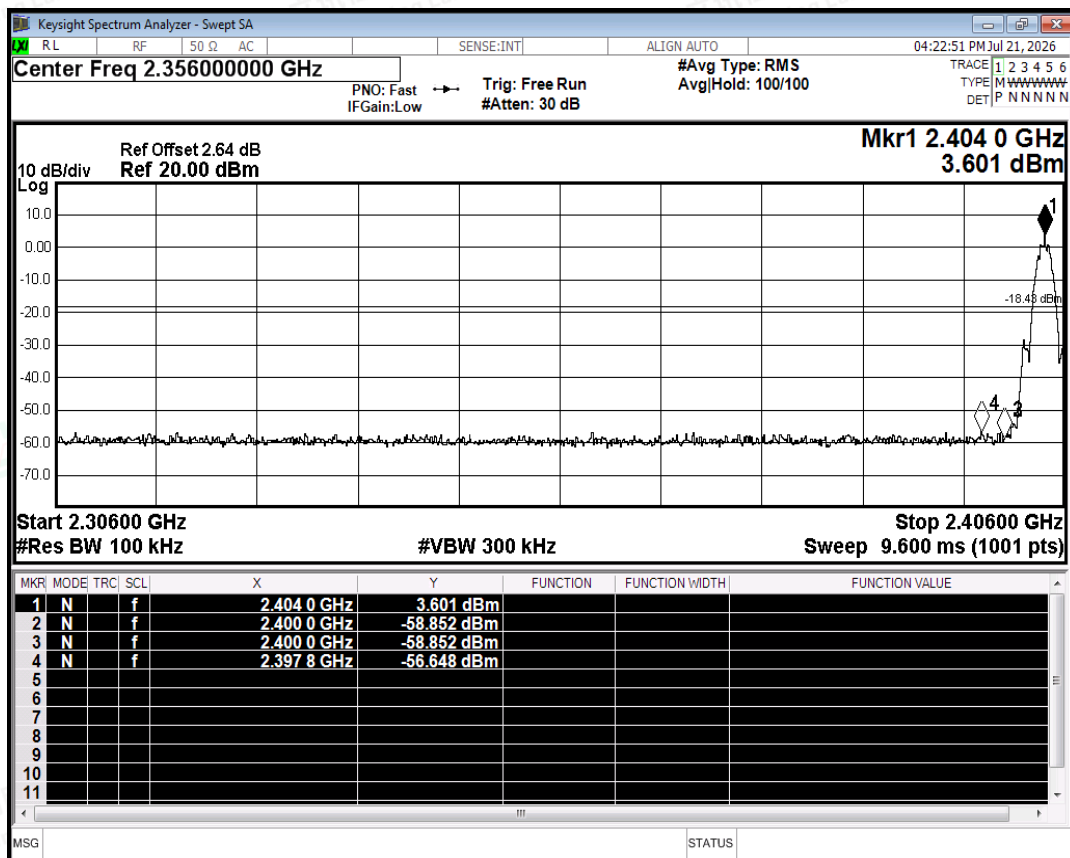
Band Edge NVNT 2.4G_1M_8PSK 2480MHz Ant1 Emission



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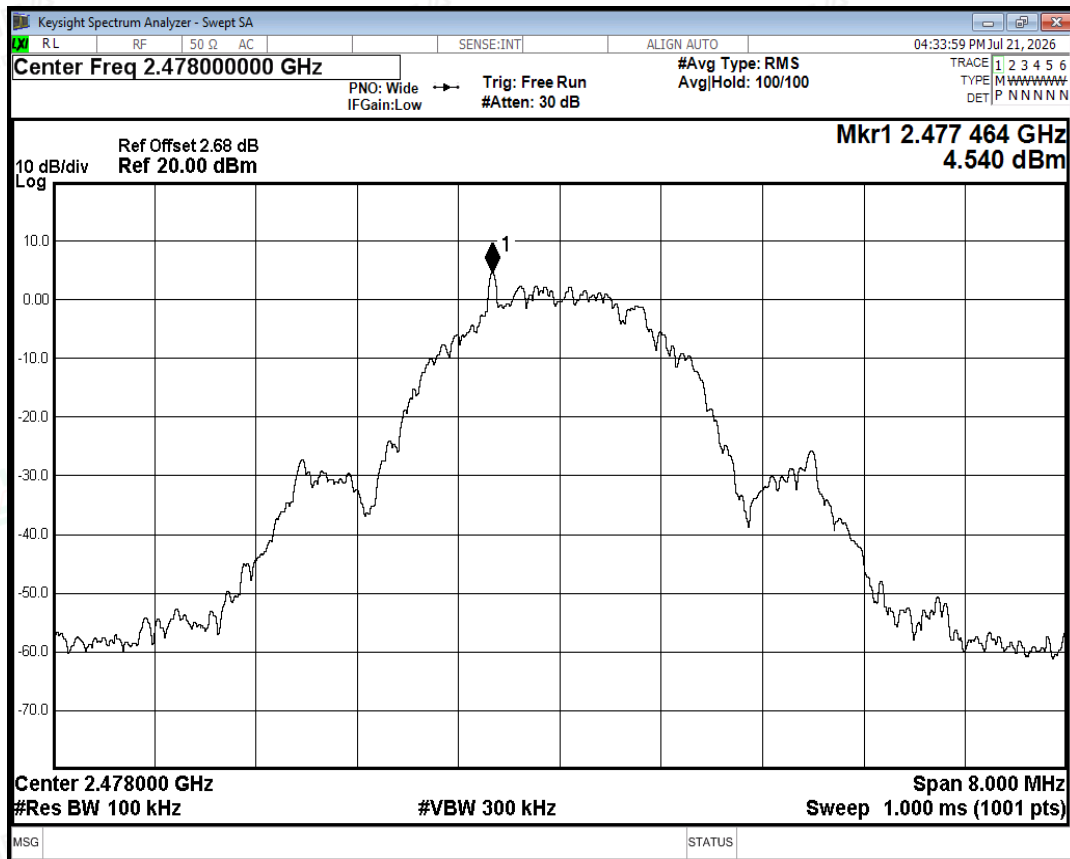
Band Edge NVNT 2.4G_2M_GFSK 2404MHz Ant1 Ref



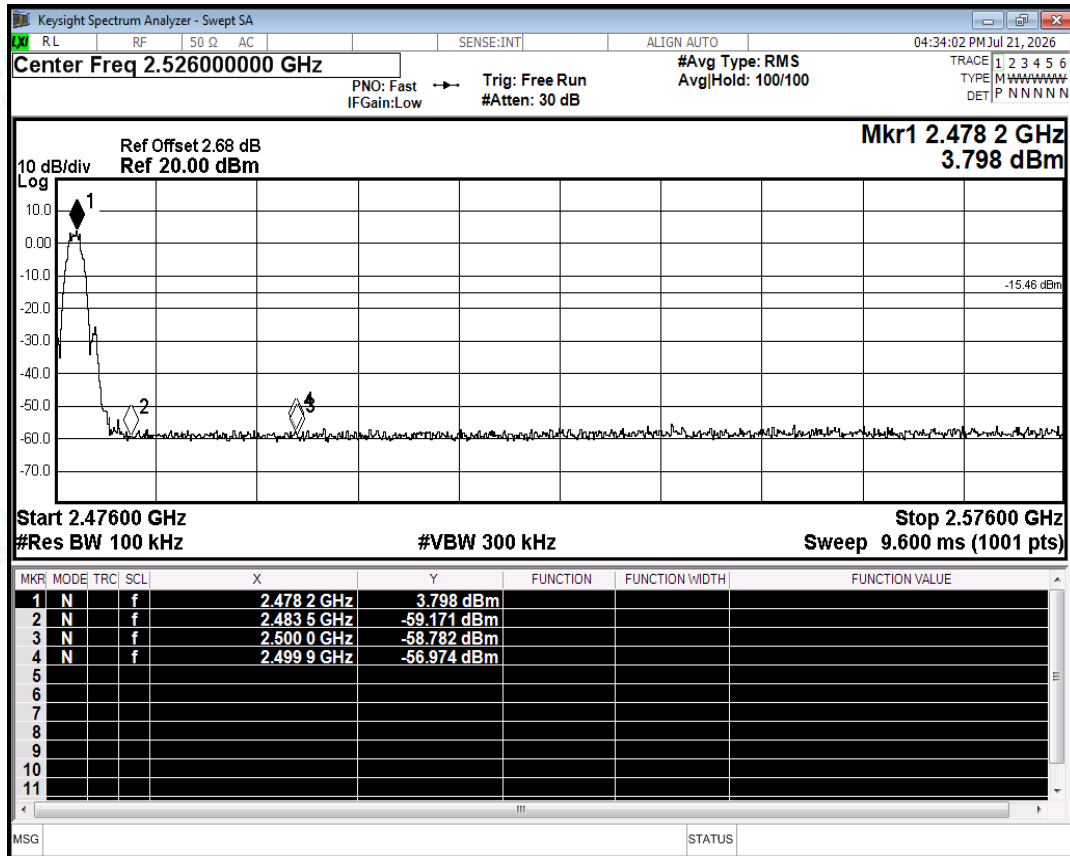


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Band Edge NVNT 2.4G_2M_GFSK 2404MHz Ant1 Emission



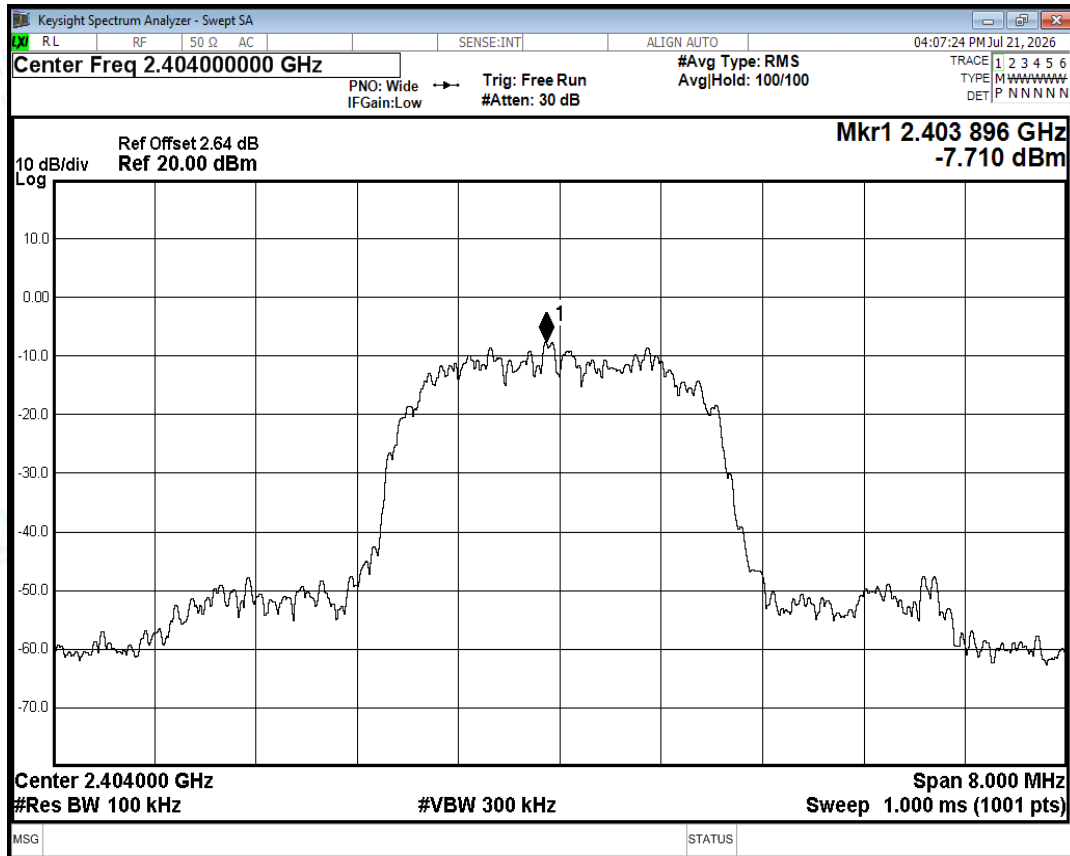
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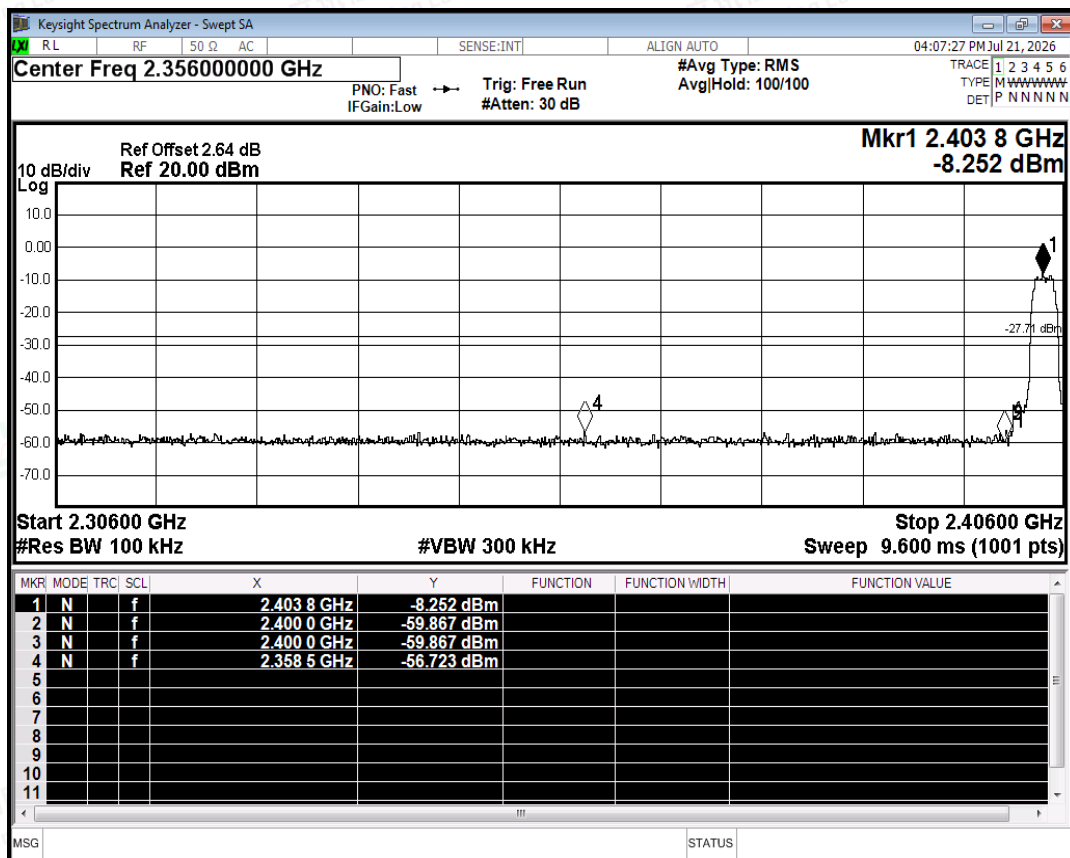
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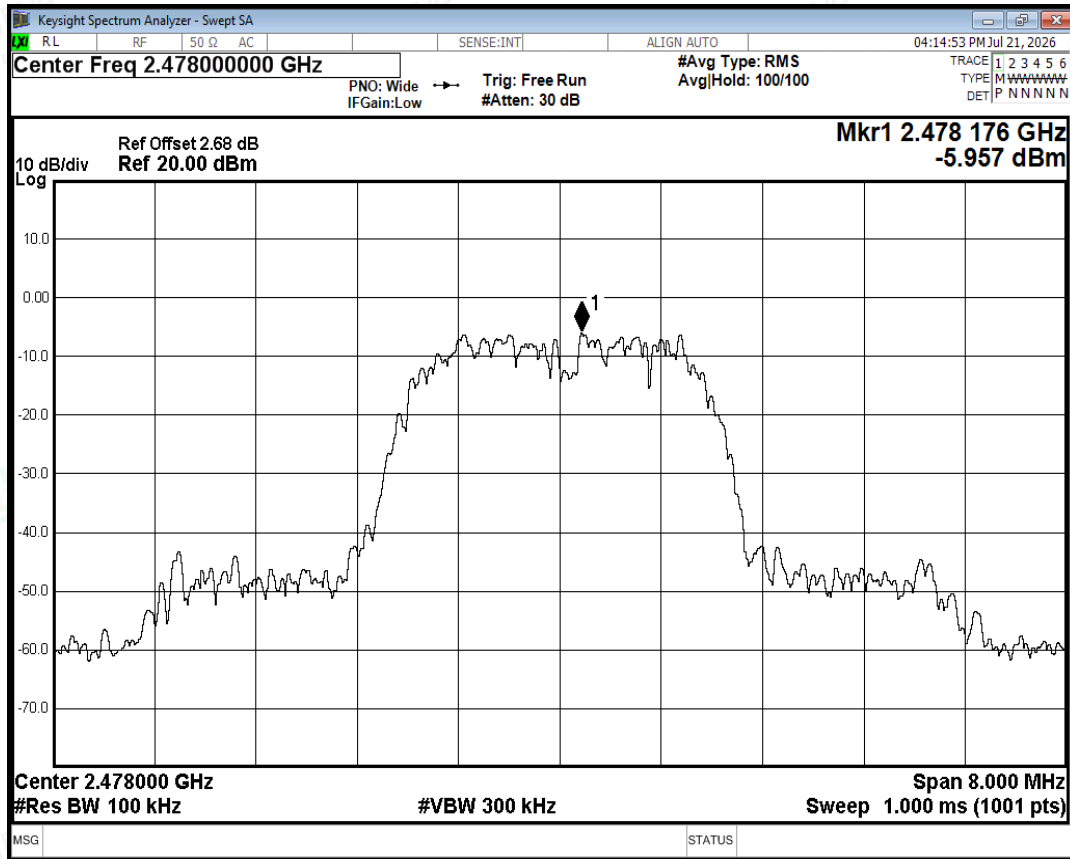
LCS-206016EA



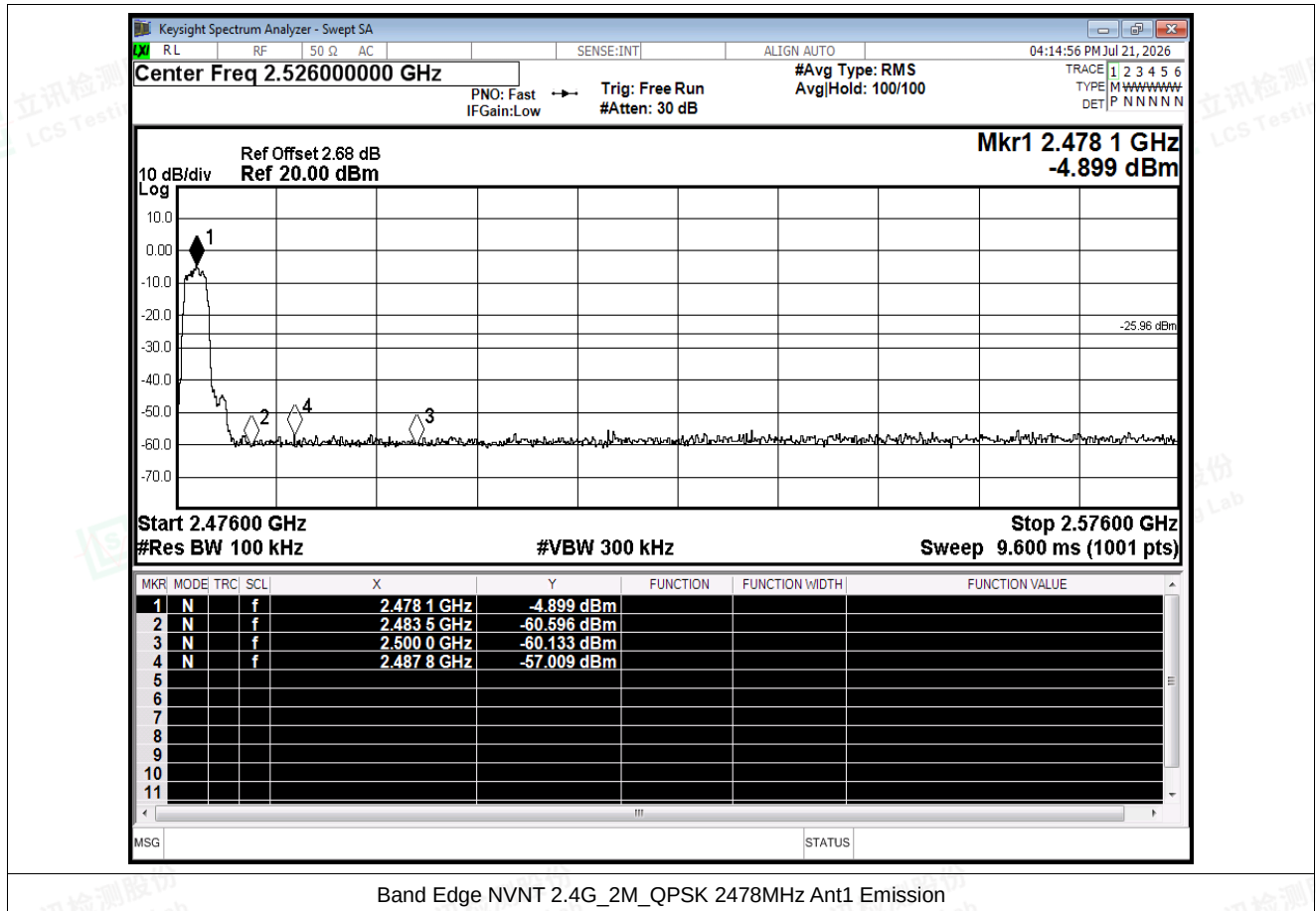
Band Edge NVNT 2.4G_2M_QPSK 2404MHz Ant1 Ref



Band Edge NVNT 2.4G_2M_QPSK 2404MHz Ant1 Emission

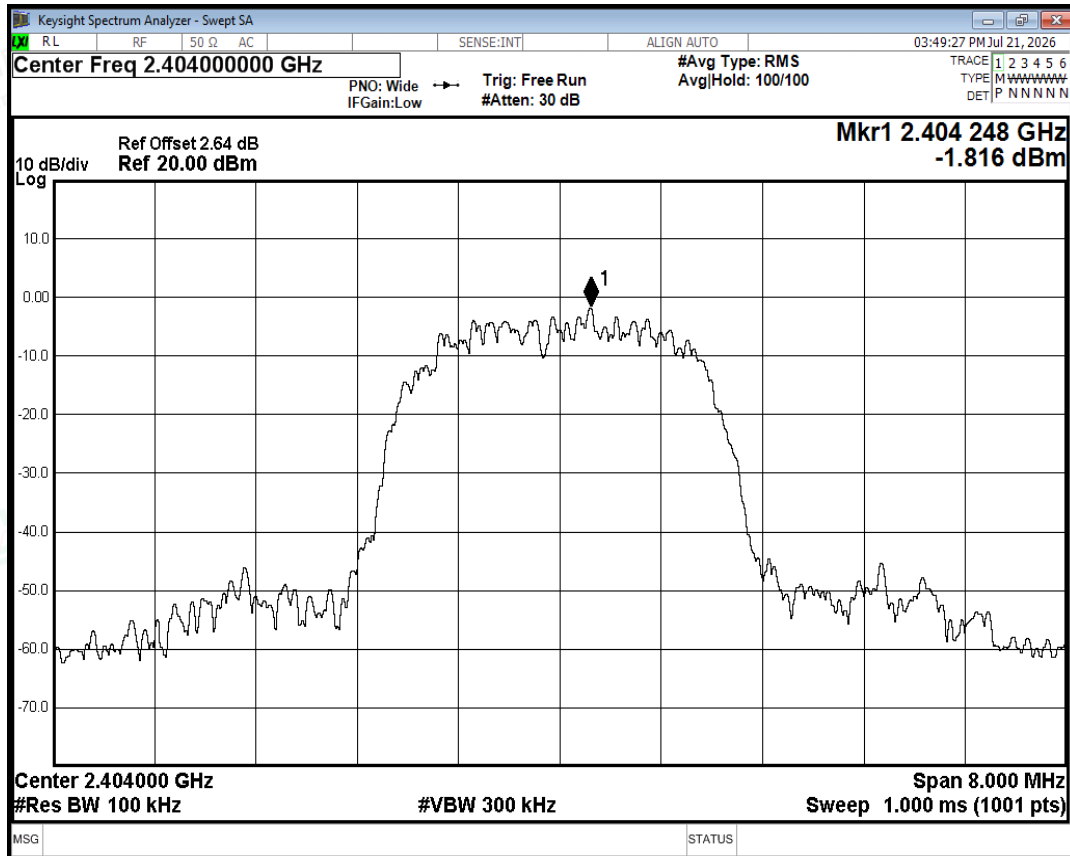


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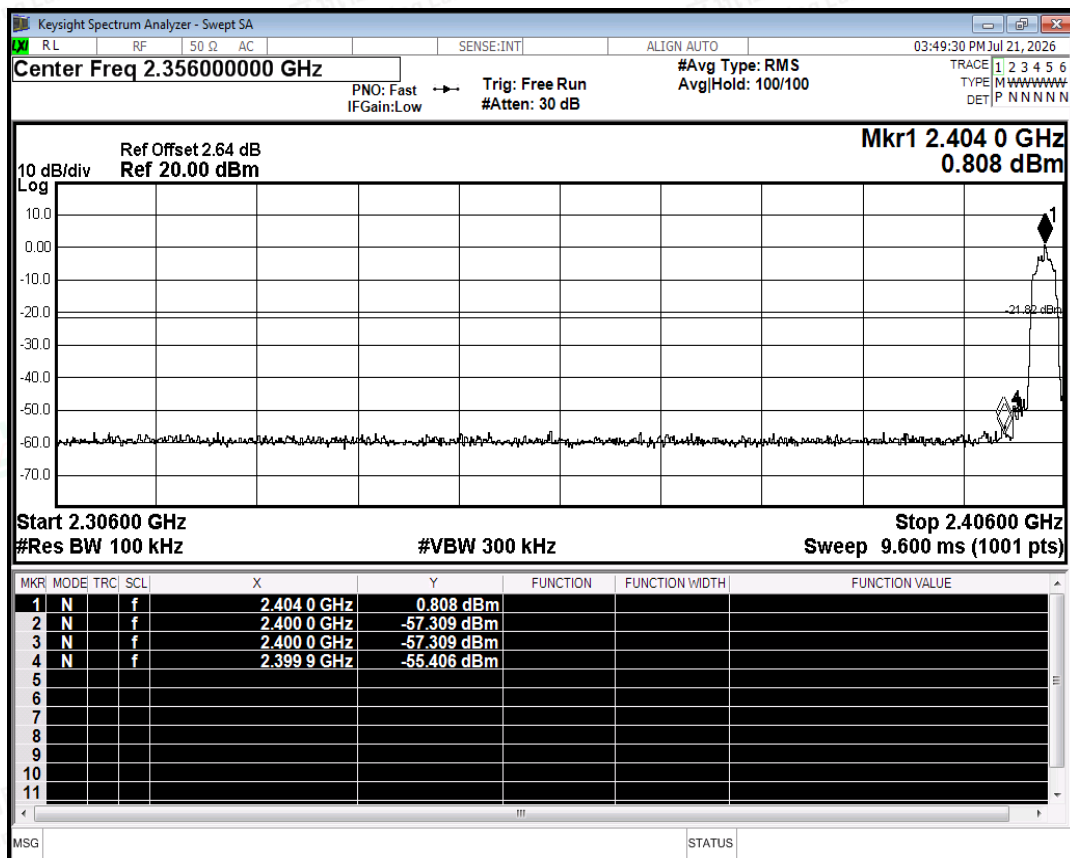




LCS-CERT-206016EA



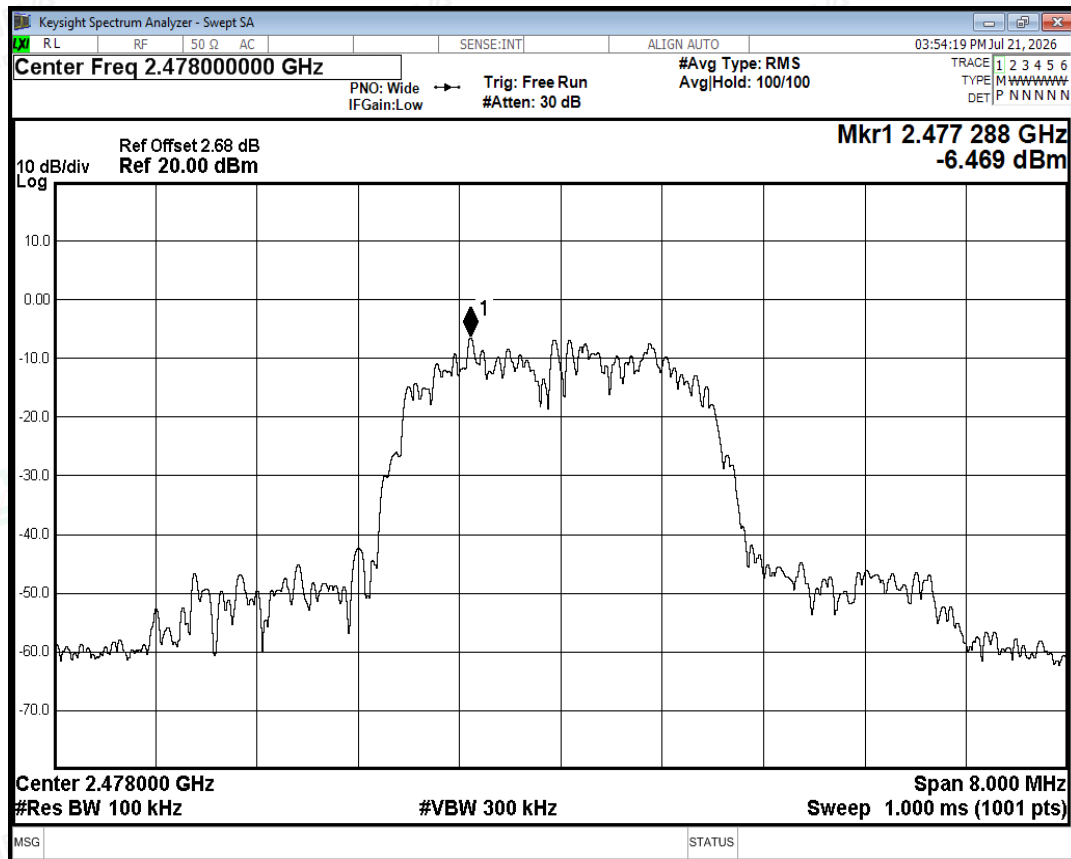
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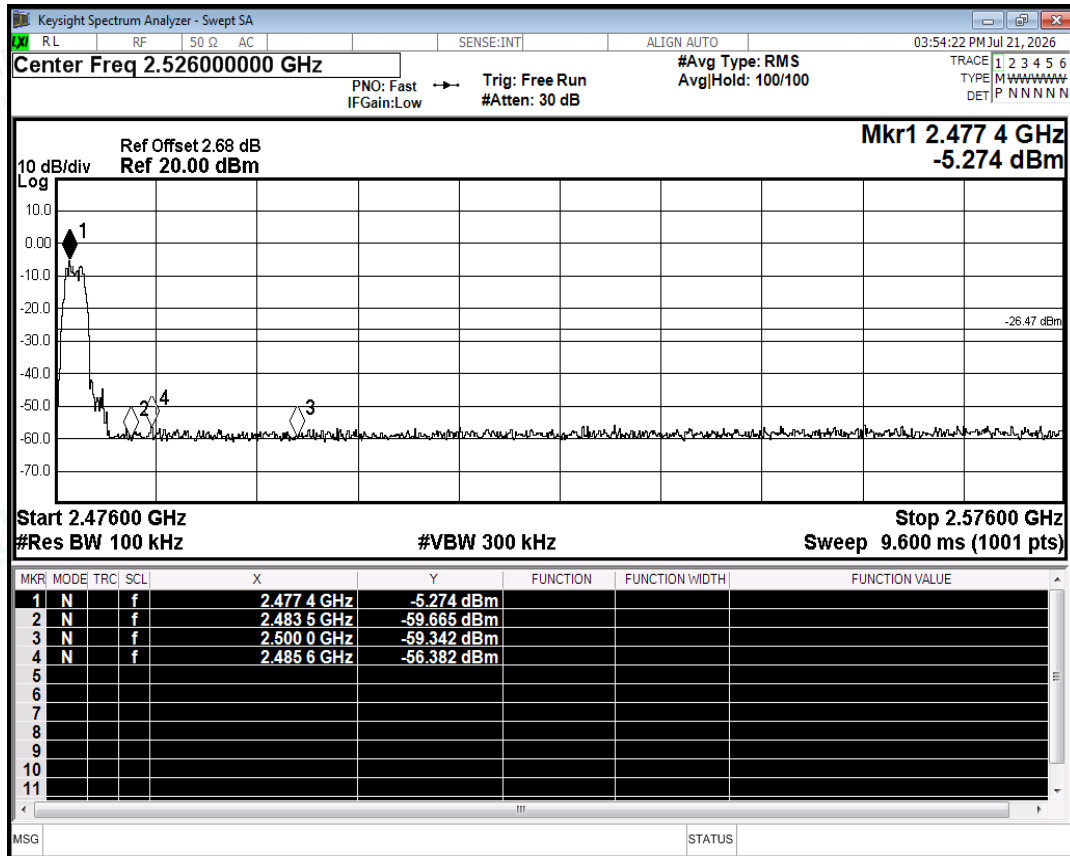


LCS-206016EA

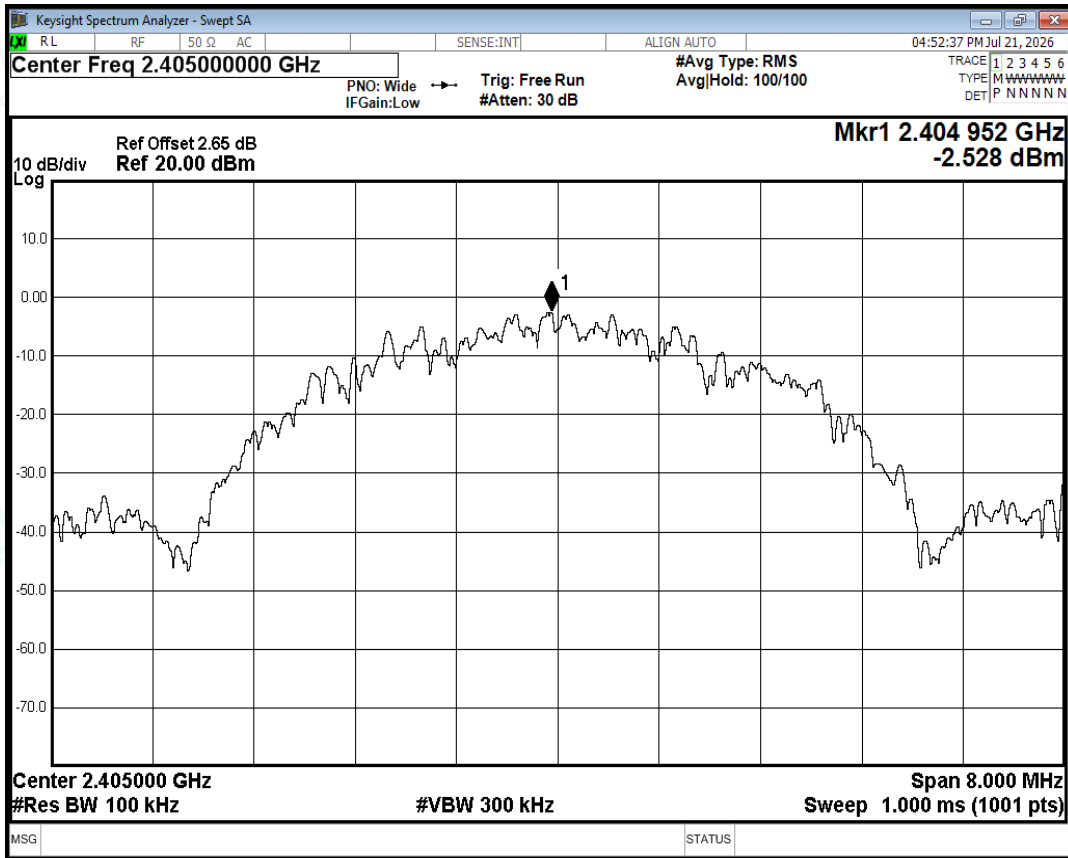
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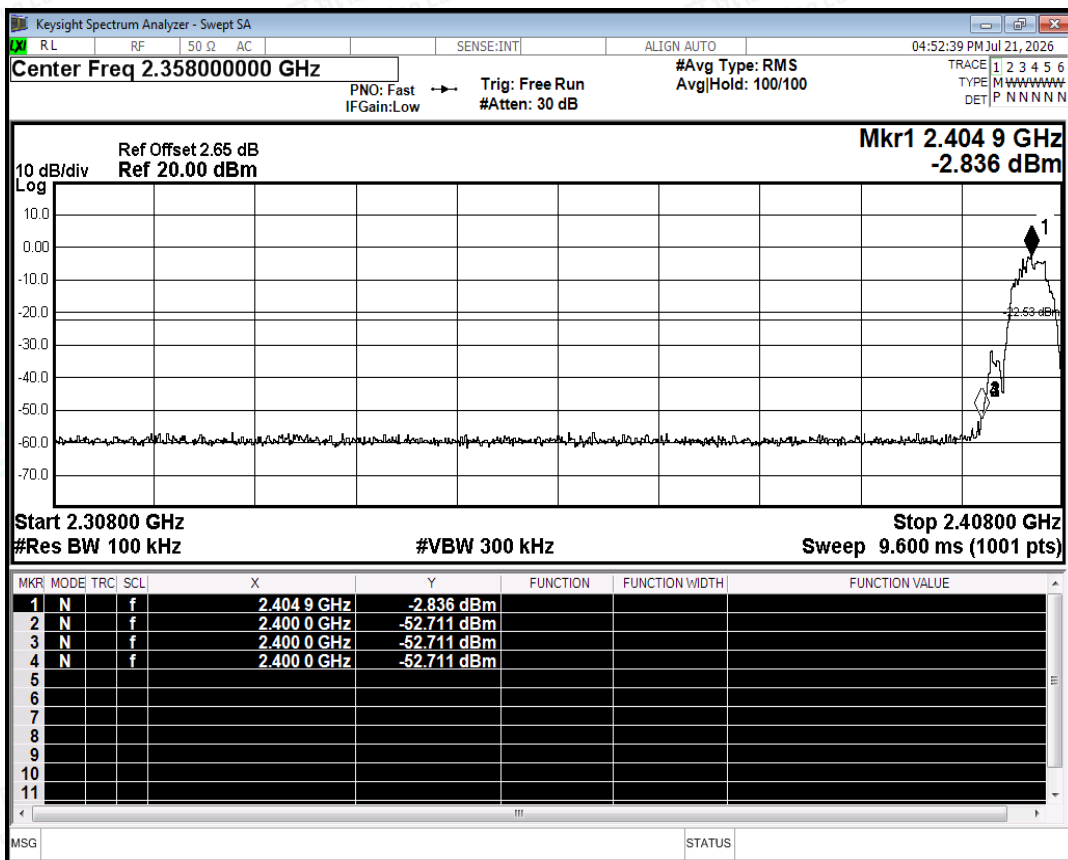
Band Edge NVNT 2.4G_2M_8PSK 2478MHz Ant1 Ref



Band Edge NVNT 2.4G_2M_8PSK 2478MHz Ant1 Emission



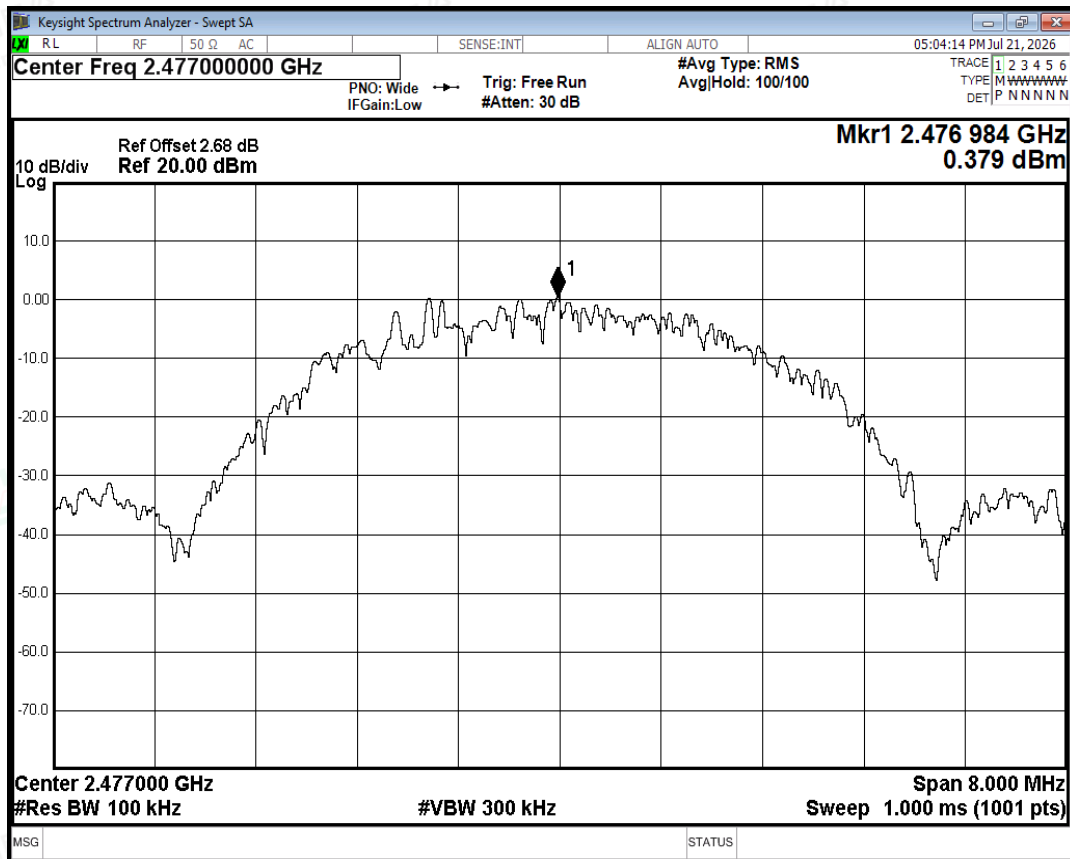
Band Edge NVNT 2.4G_4M_GFSK 2405MHz Ant1 Ref



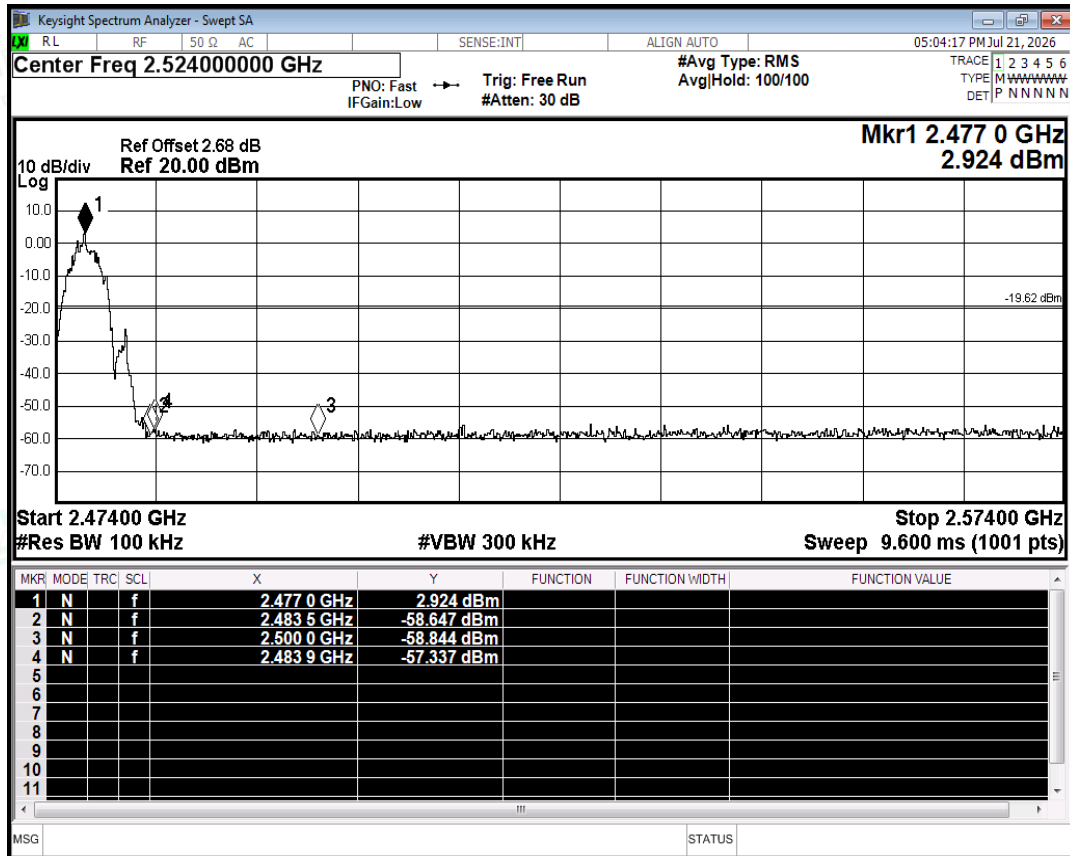


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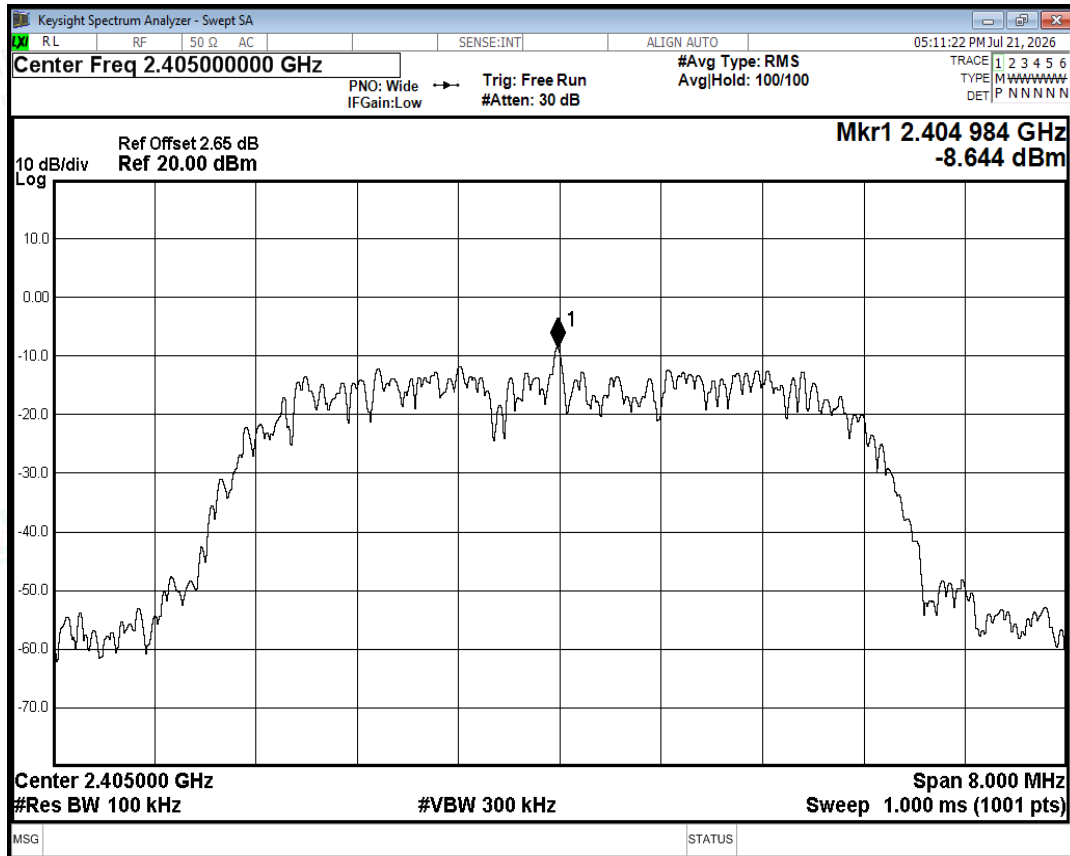
Band Edge NVNT 2.4G_4M_GFSK 2405MHz Ant1 Emission



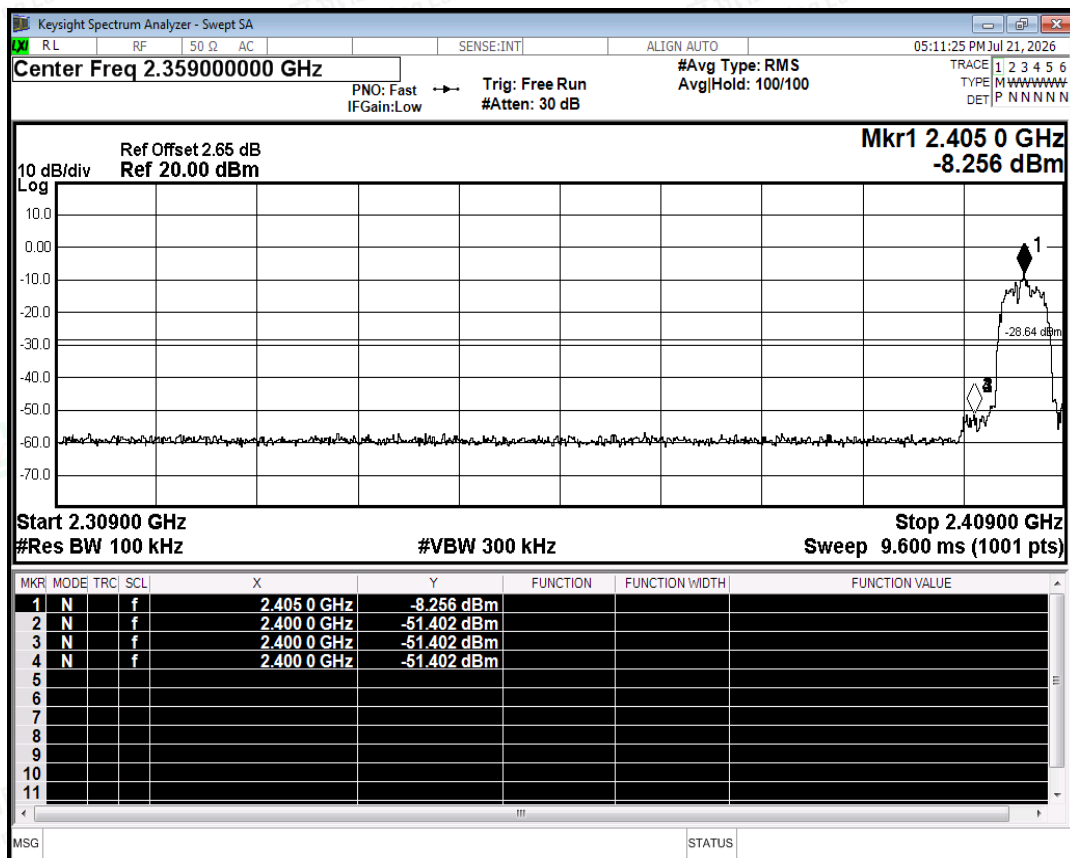
Band Edge NVNT 2.4G_4M_GFSK 2477MHz Ant1 Ref



Band Edge NVNT 2.4G_4M_GFSK 2477MHz Ant1 Emission



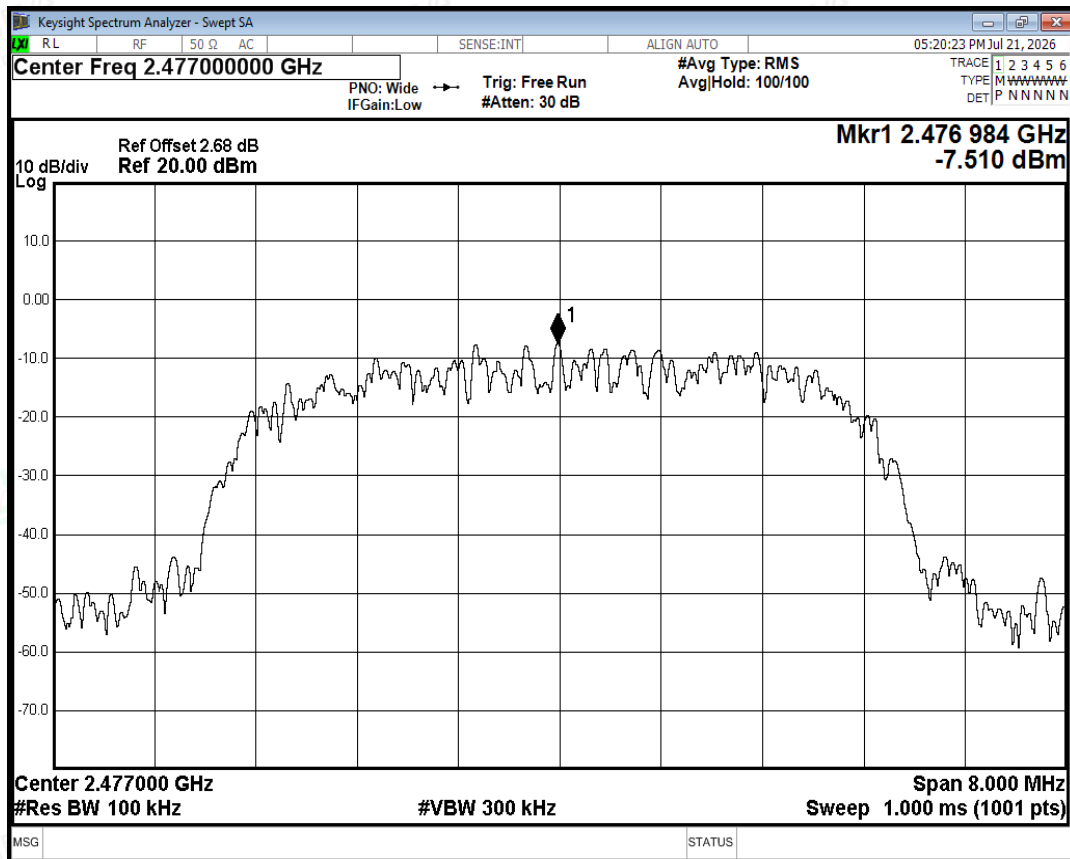
Band Edge NVNT 2.4G_4M_QPSK 2405MHz Ant1 Ref



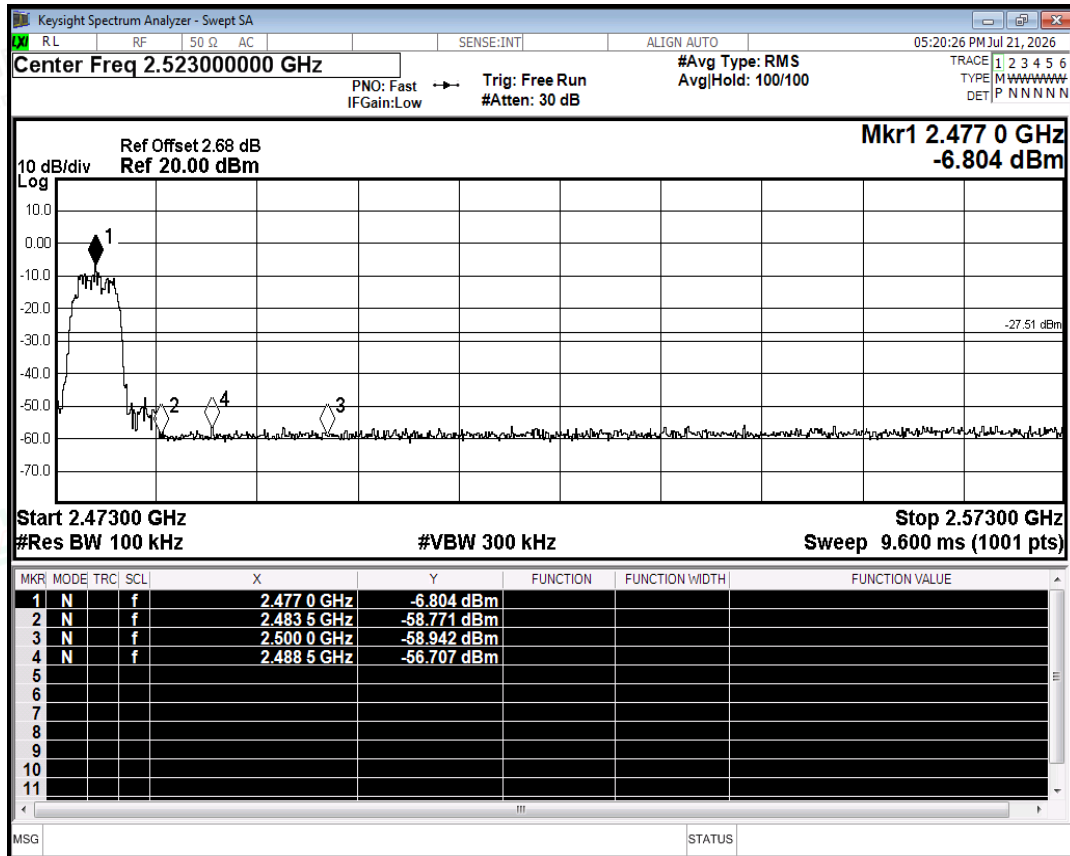


LCS-CERT-206016EA

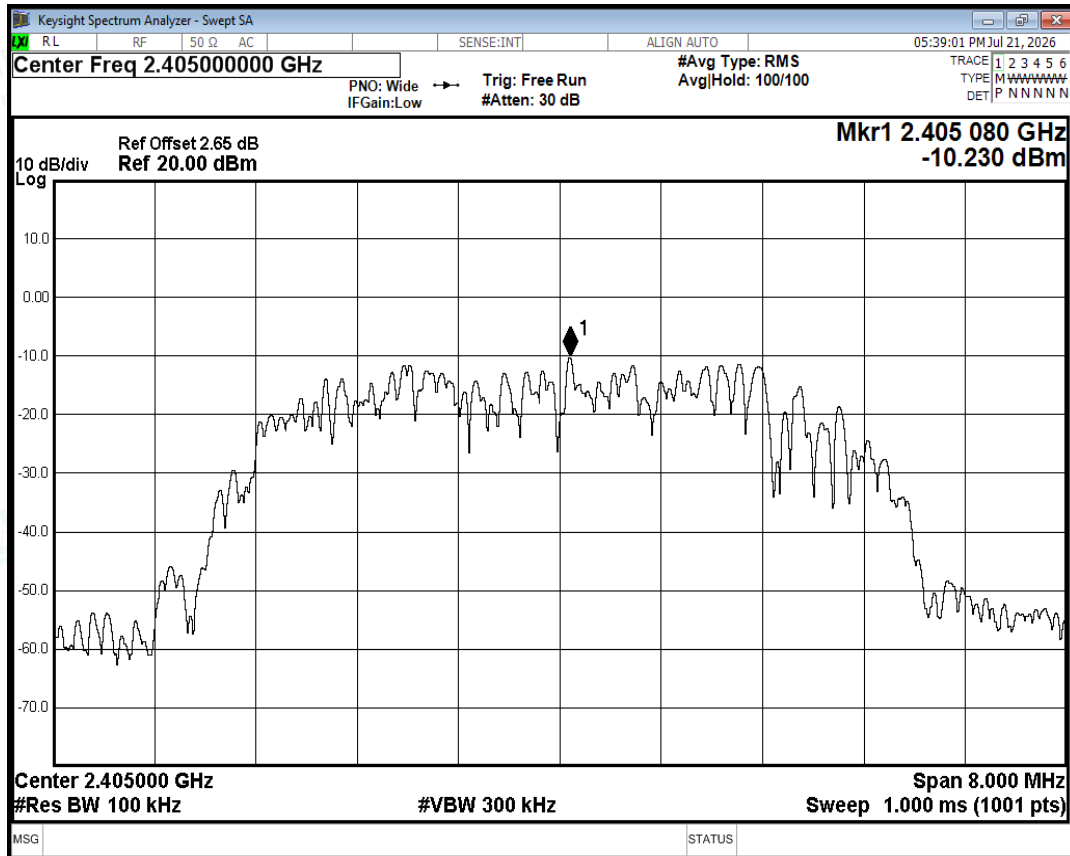
Band Edge NVNT 2.4G_4M_QPSK 2405MHz Ant1 Emission



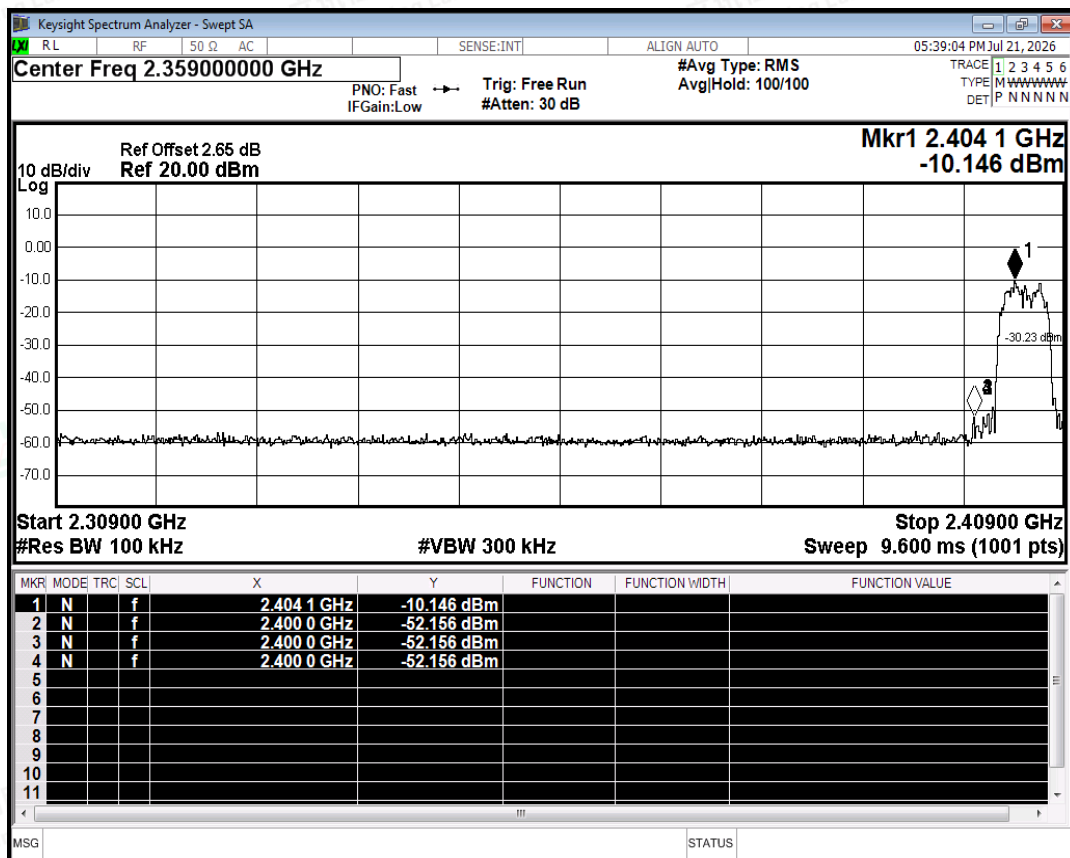
Band Edge NVNT 2.4G_4M_QPSK 2477MHz Ant1 Ref



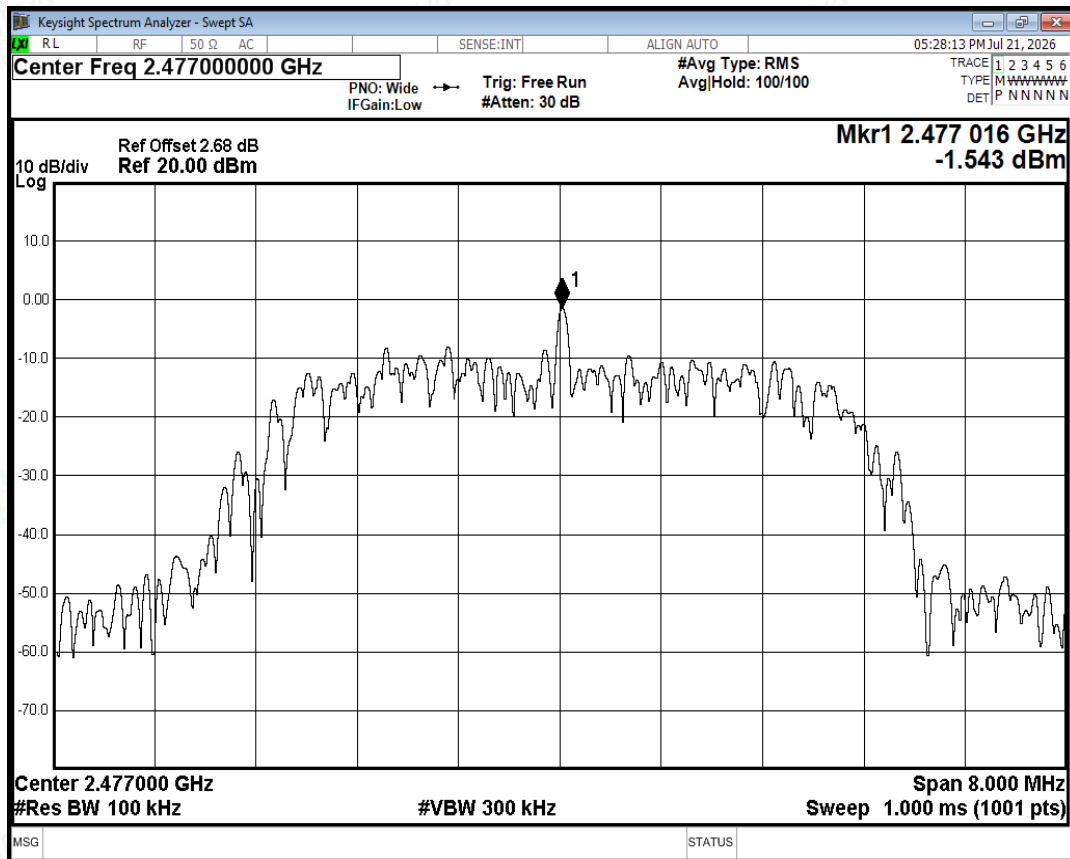
Band Edge NVNT 2.4G_4M_QPSK 2477MHz Ant1 Emission



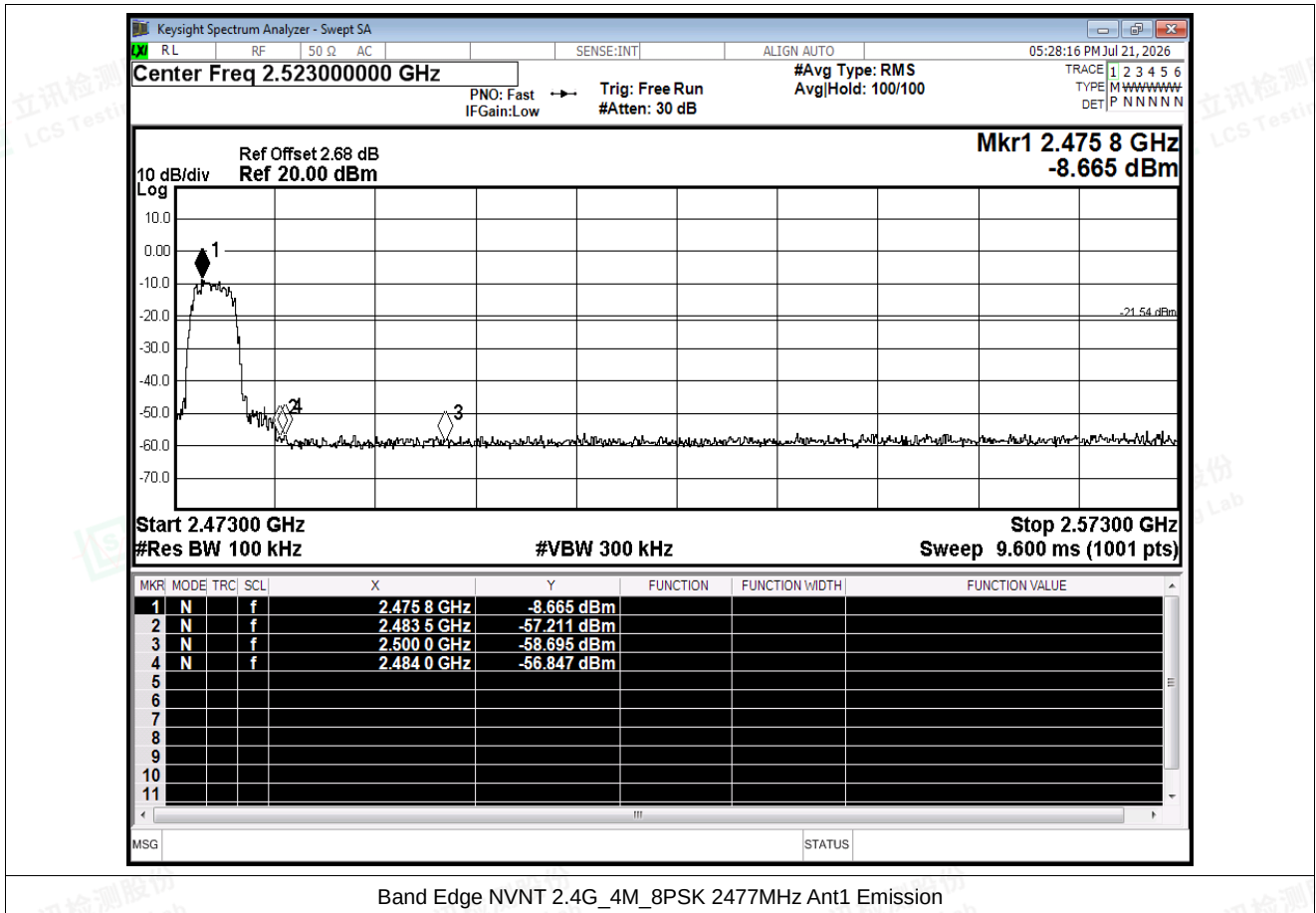
Band Edge NVNT 2.4G_4M_8PSK 2405MHz Ant1 Ref



Band Edge NVNT 2.4G_4M_8PSK 2405MHz Ant1 Emission



Band Edge NVNT 2.4G_4M_8PSK 2477MHz Ant1 Ref



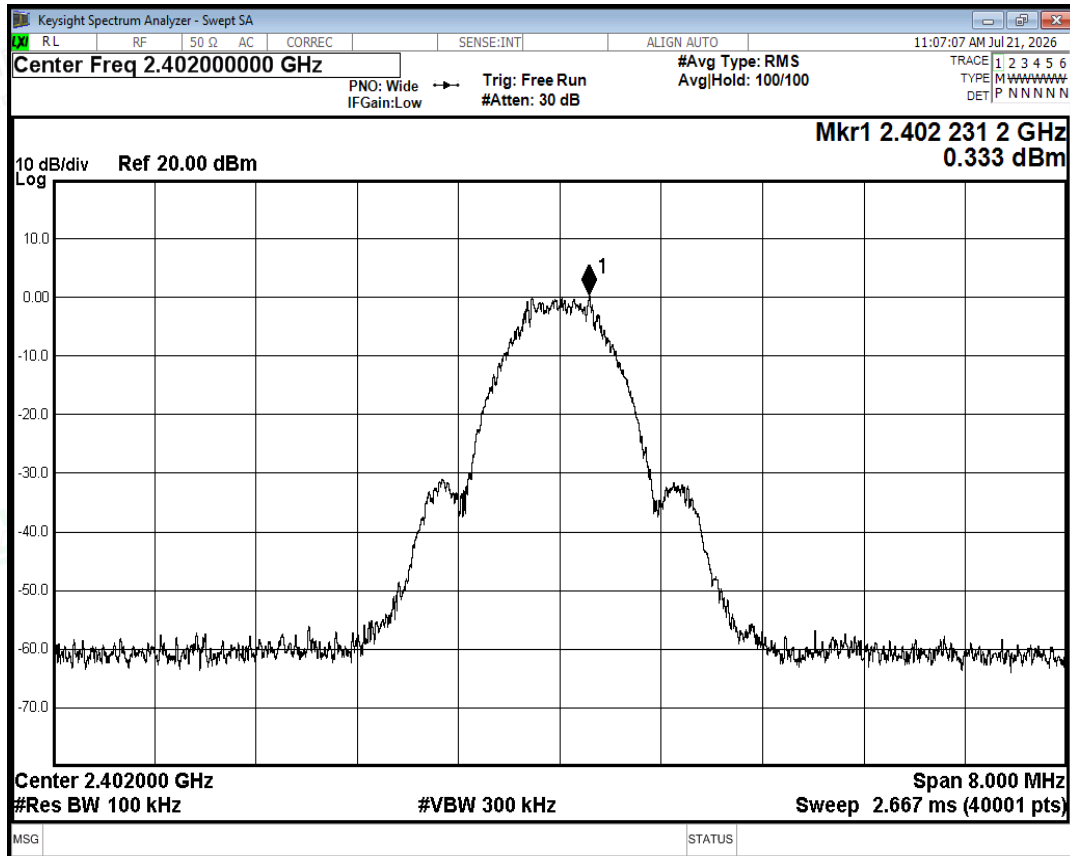


A.5 Conducted RF Spurious Emission

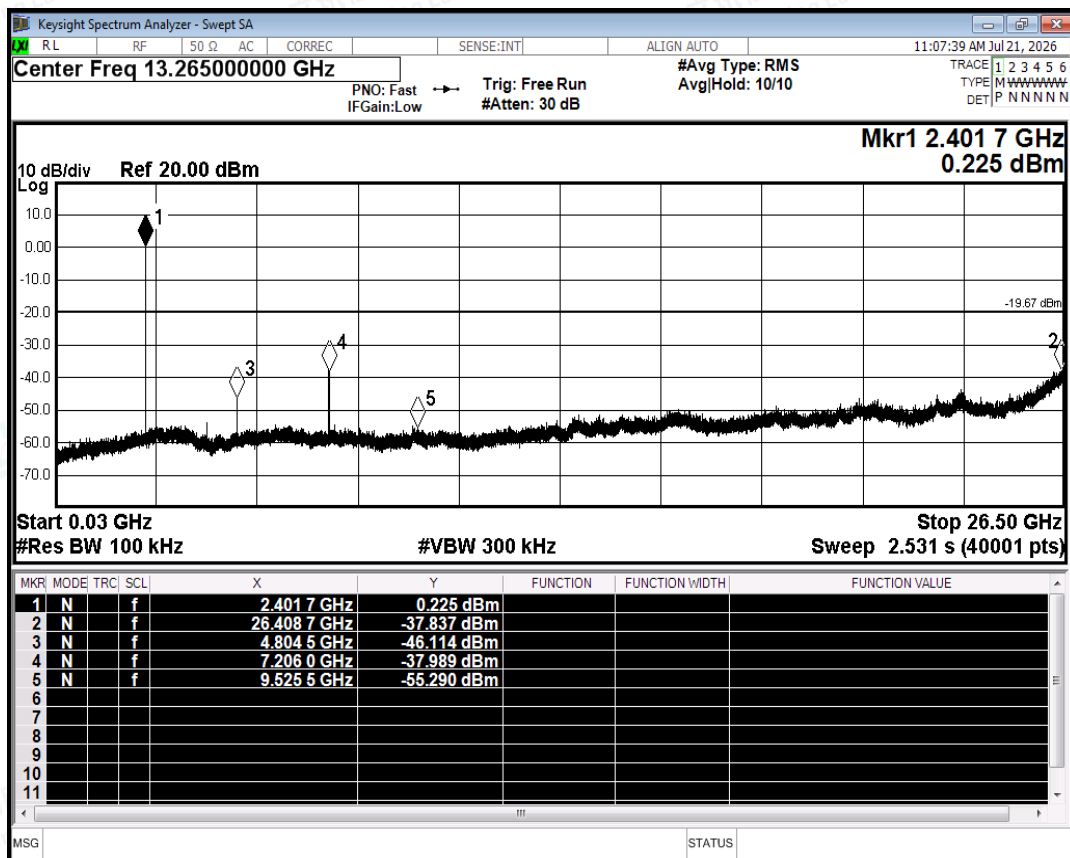
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	2.4G_1M_GFSK	2402	Ant1	-38.16	-20	Pass
NVNT	2.4G_1M_GFSK	2440	Ant1	-38.54	-20	Pass
NVNT	2.4G_1M_GFSK	2480	Ant1	-40.2	-20	Pass
NVNT	2.4G_1M_QPSK	2402	Ant1	-30.44	-20	Pass
NVNT	2.4G_1M_QPSK	2440	Ant1	-34.9	-20	Pass
NVNT	2.4G_1M_QPSK	2480	Ant1	-32.8	-20	Pass
NVNT	2.4G_1M_8PSK	2402	Ant1	-28.14	-20	Pass
NVNT	2.4G_1M_8PSK	2440	Ant1	-30.97	-20	Pass
NVNT	2.4G_1M_8PSK	2480	Ant1	-33.77	-20	Pass
NVNT	2.4G_2M_GFSK	2404	Ant1	-38.39	-20	Pass
NVNT	2.4G_2M_GFSK	2440	Ant1	-39.14	-20	Pass
NVNT	2.4G_2M_GFSK	2478	Ant1	-39.48	-20	Pass
NVNT	2.4G_2M_QPSK	2404	Ant1	-30.57	-20	Pass
NVNT	2.4G_2M_QPSK	2440	Ant1	-36.12	-20	Pass
NVNT	2.4G_2M_QPSK	2478	Ant1	-35.82	-20	Pass
NVNT	2.4G_2M_8PSK	2404	Ant1	-38.72	-20	Pass
NVNT	2.4G_2M_8PSK	2440	Ant1	-35.35	-20	Pass
NVNT	2.4G_2M_8PSK	2478	Ant1	-31.69	-20	Pass
NVNT	2.4G_4M_GFSK	2405	Ant1	-36.29	-20	Pass
NVNT	2.4G_4M_GFSK	2441	Ant1	-38.26	-20	Pass
NVNT	2.4G_4M_GFSK	2477	Ant1	-34.76	-20	Pass
NVNT	2.4G_4M_QPSK	2405	Ant1	-34.32	-20	Pass
NVNT	2.4G_4M_QPSK	2441	Ant1	-36.4	-20	Pass
NVNT	2.4G_4M_QPSK	2477	Ant1	-36.2	-20	Pass
NVNT	2.4G_4M_8PSK	2405	Ant1	-26.92	-20	Pass
NVNT	2.4G_4M_8PSK	2441	Ant1	-34.21	-20	Pass
NVNT	2.4G_4M_8PSK	2477	Ant1	-28.76	-20	Pass



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Tx. Spurious NVNT 2.4G_1M_GFSK 2402MHz Ant1 Ref

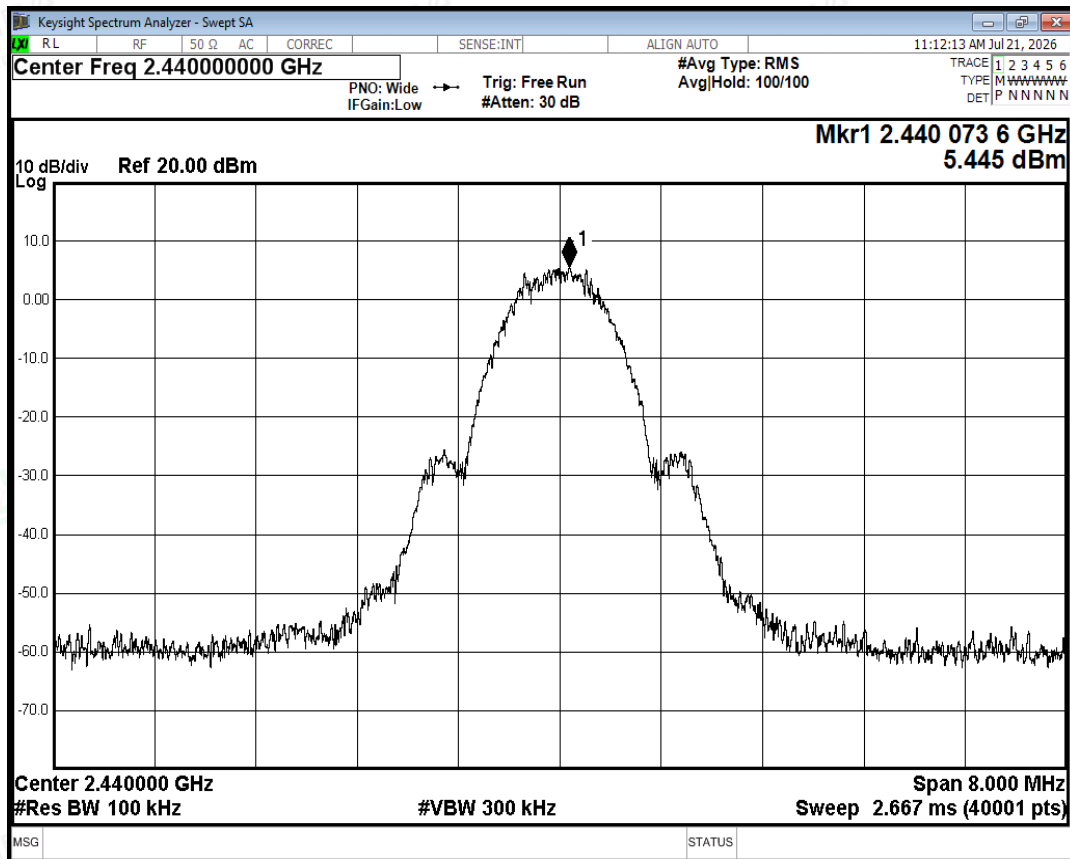


Shenzhen LCS Compliance Testing Laboratory Ltd.

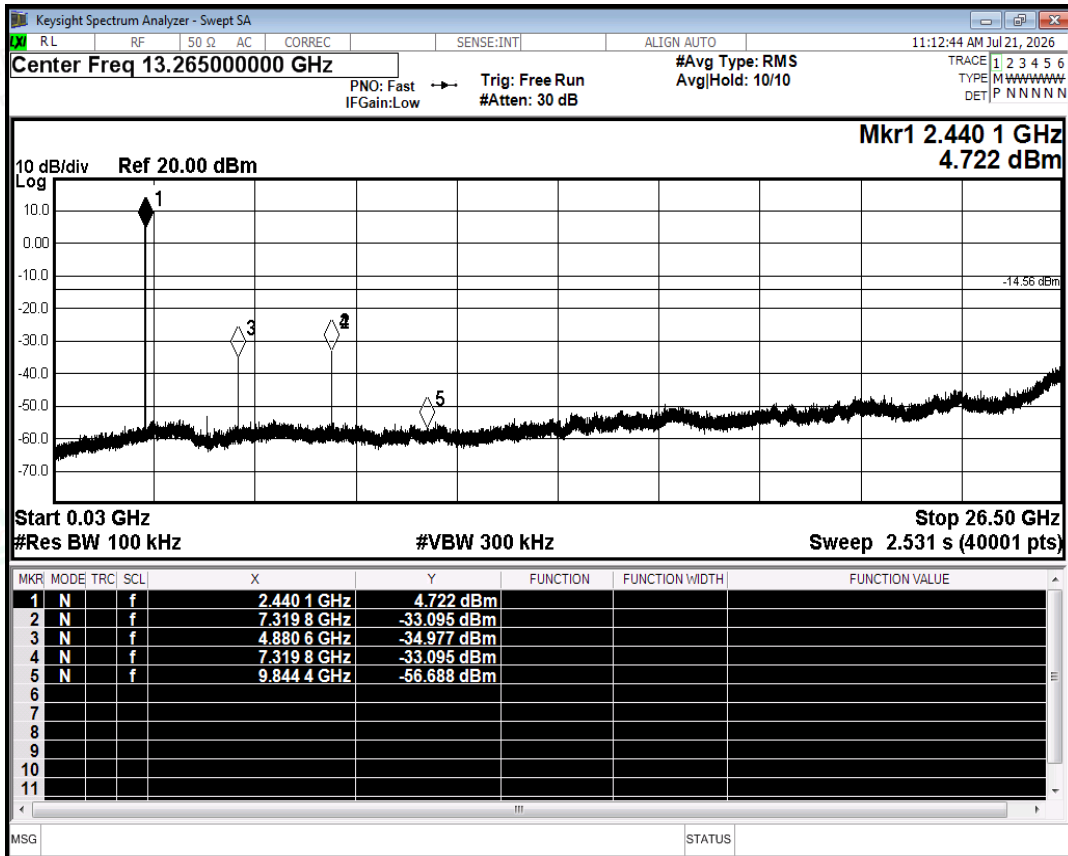
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

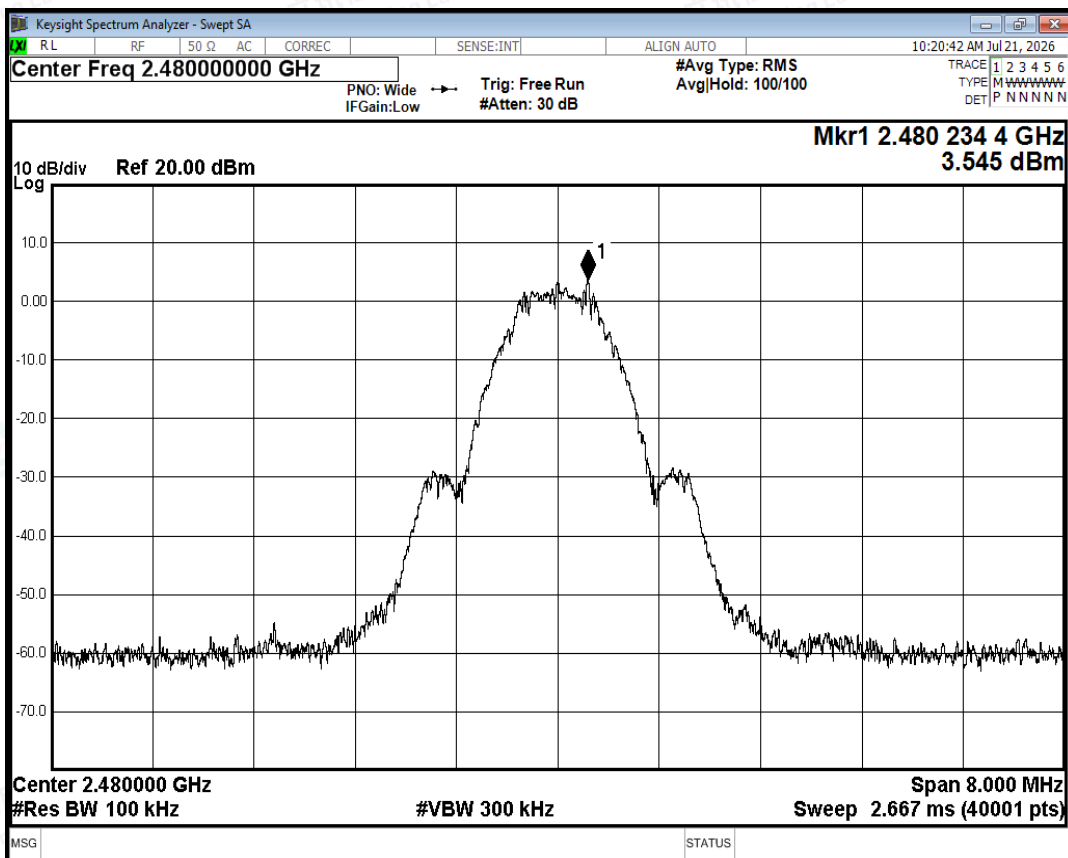
Tx. Spurious NVNT 2.4G_1M_GFSK 2402MHz Ant1 Emission



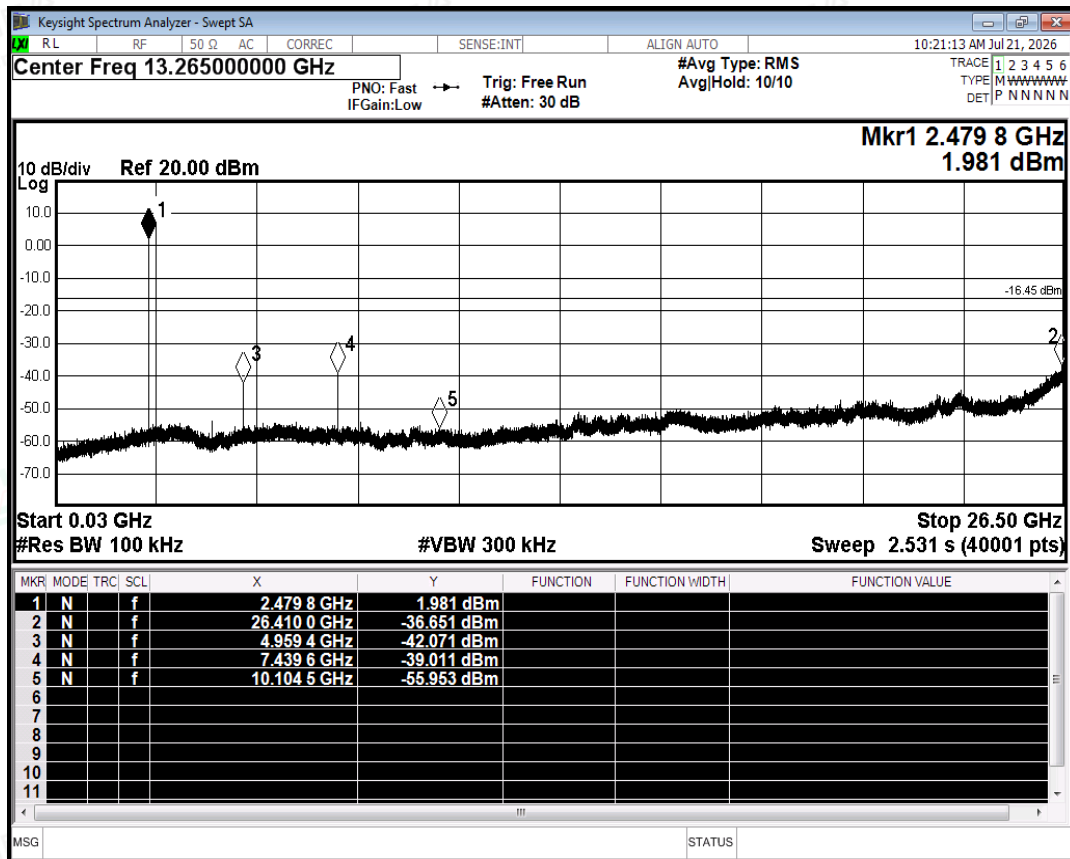
Tx. Spurious NVNT 2.4G_1M_GFSK 2440MHz Ant1 Ref



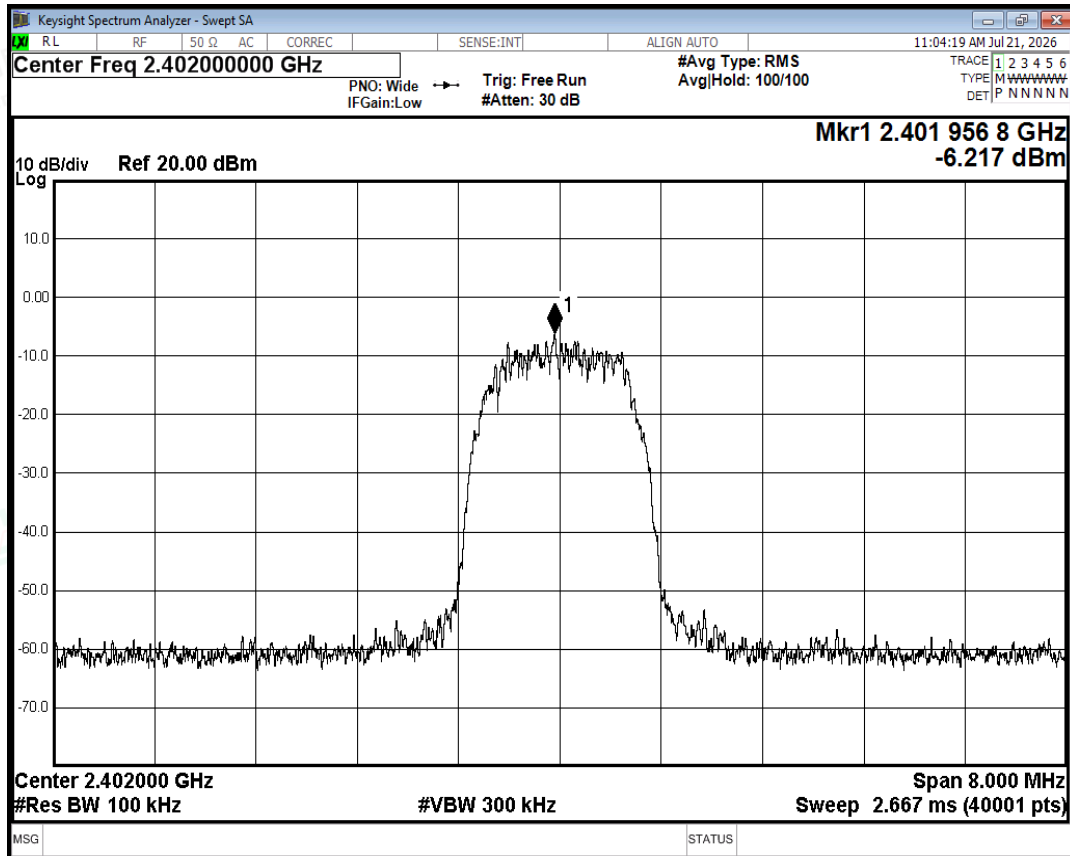
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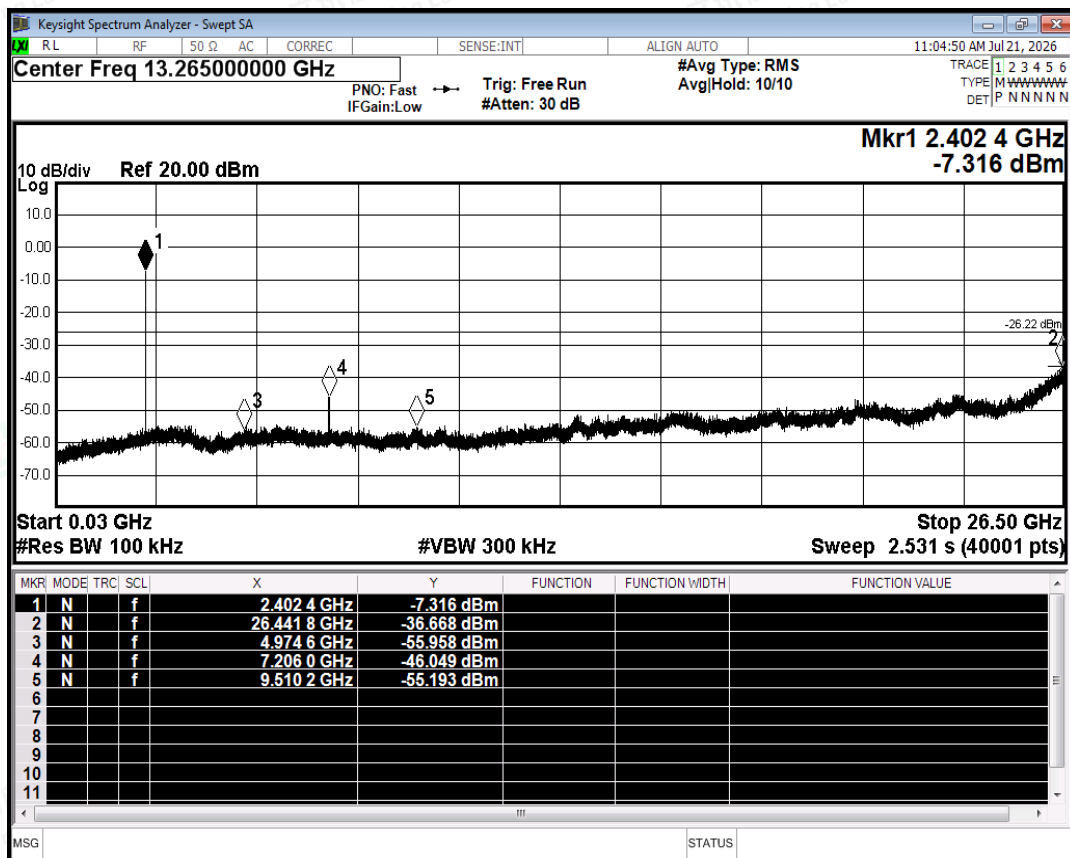
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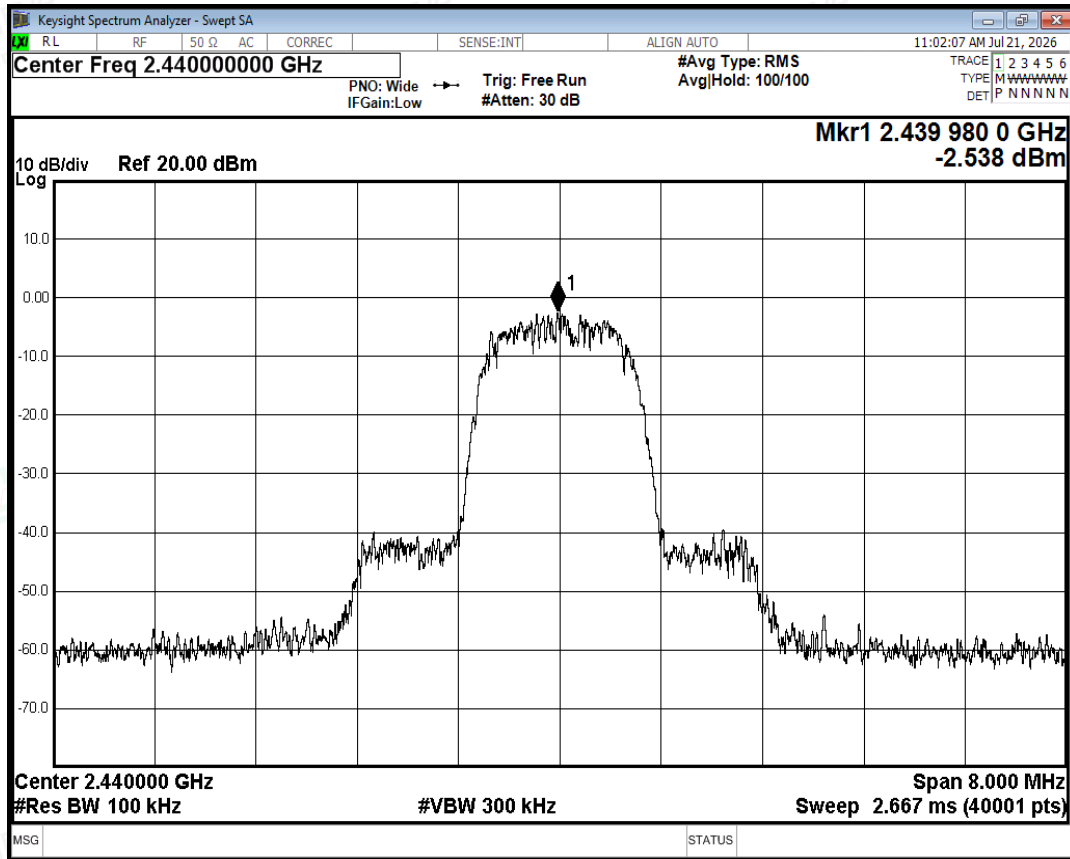
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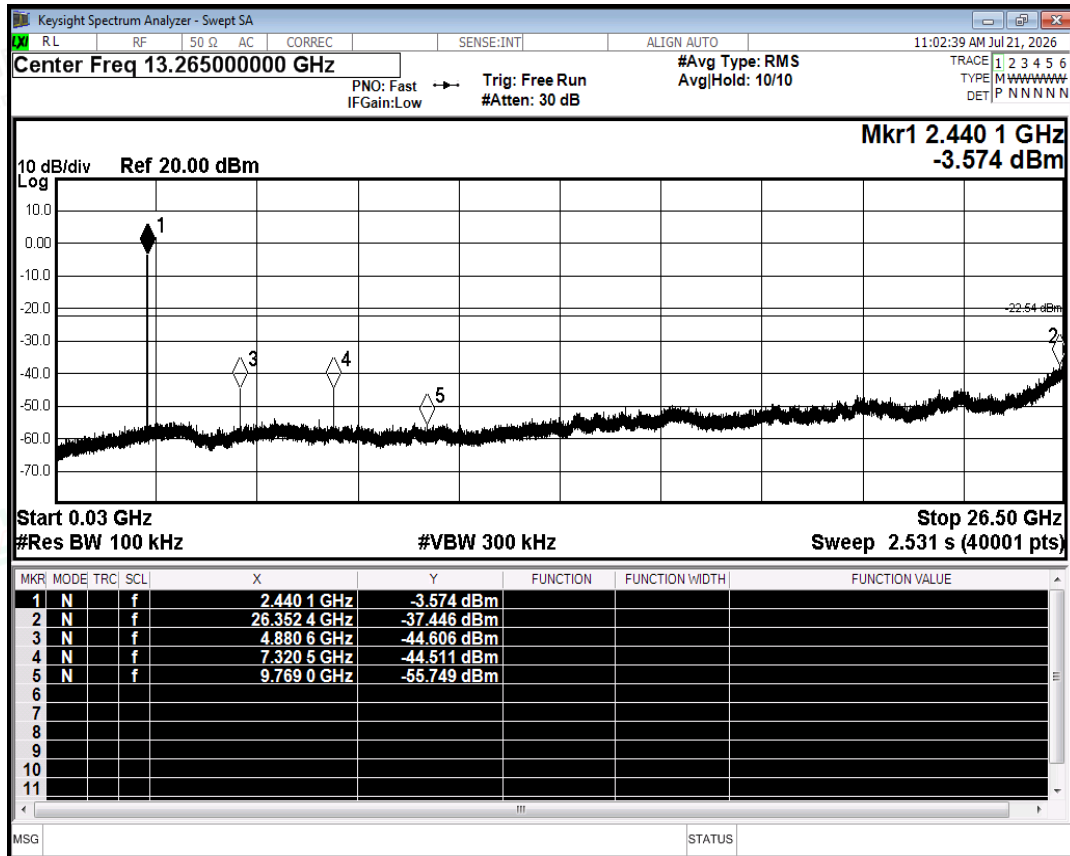
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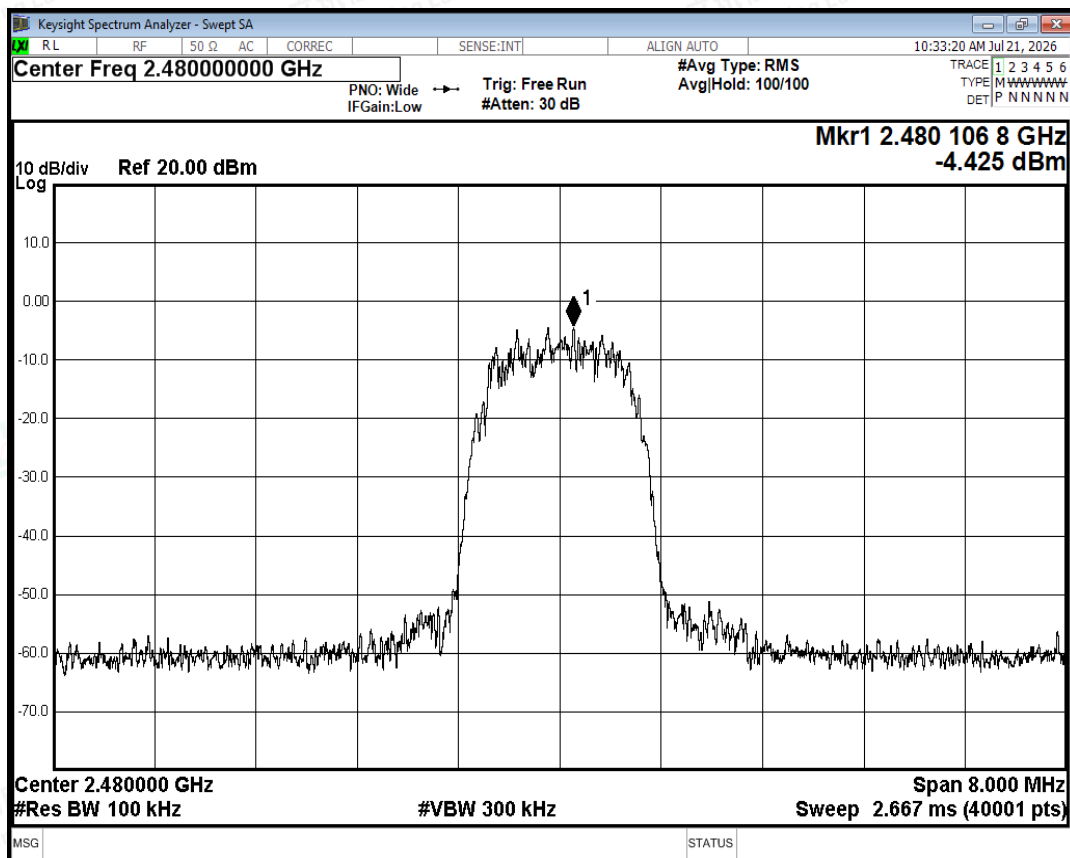
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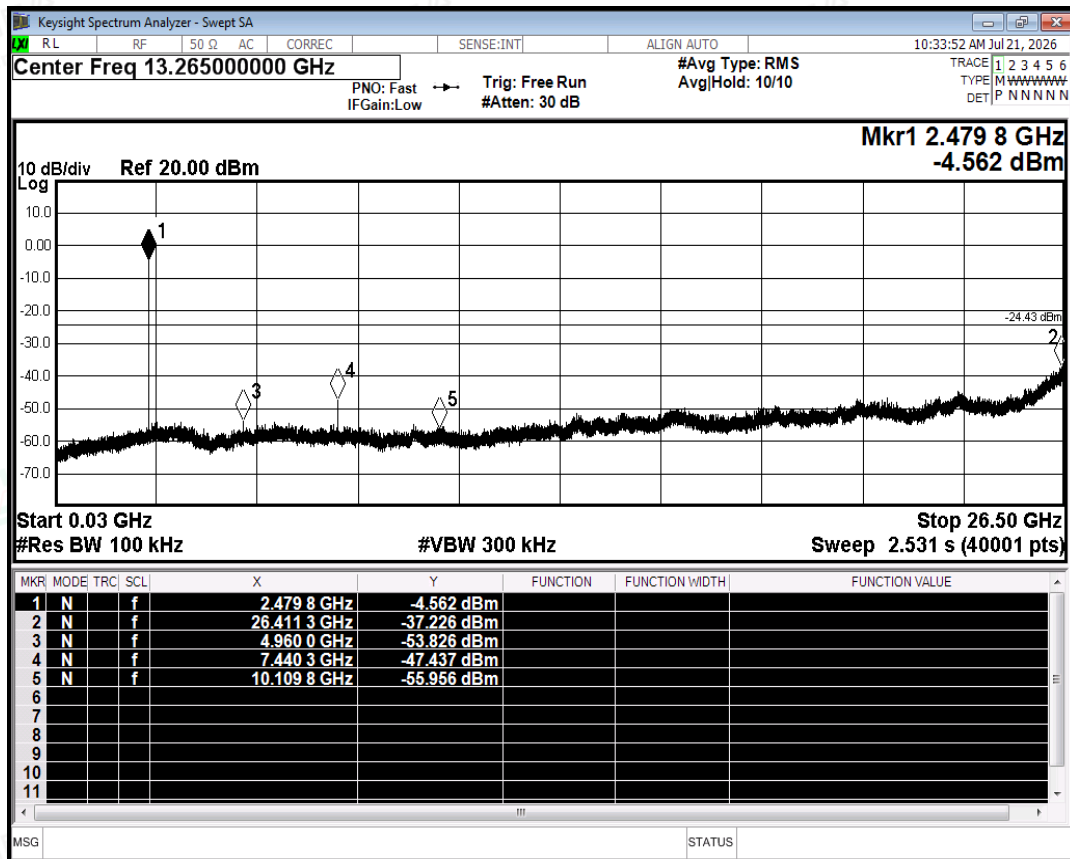
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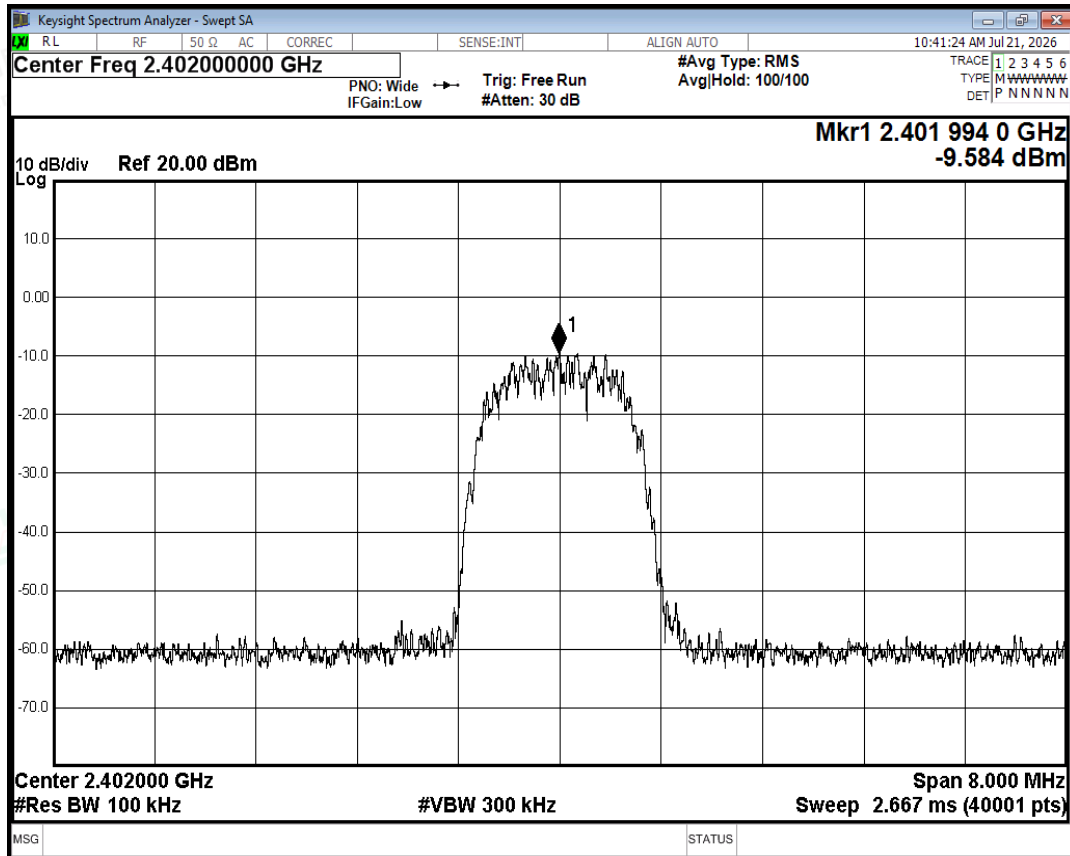
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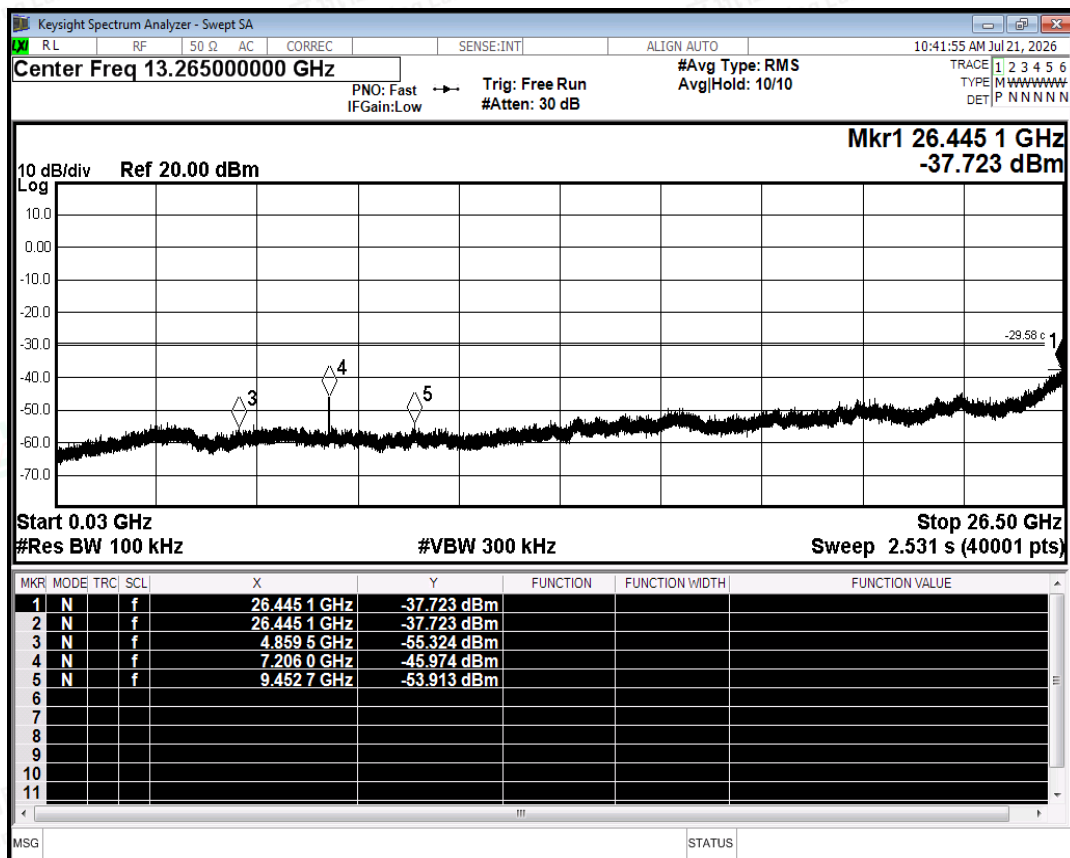
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Tx. Spurious NVNT 2.4G_1M_QPSK 2480MHz Ant1 Emission



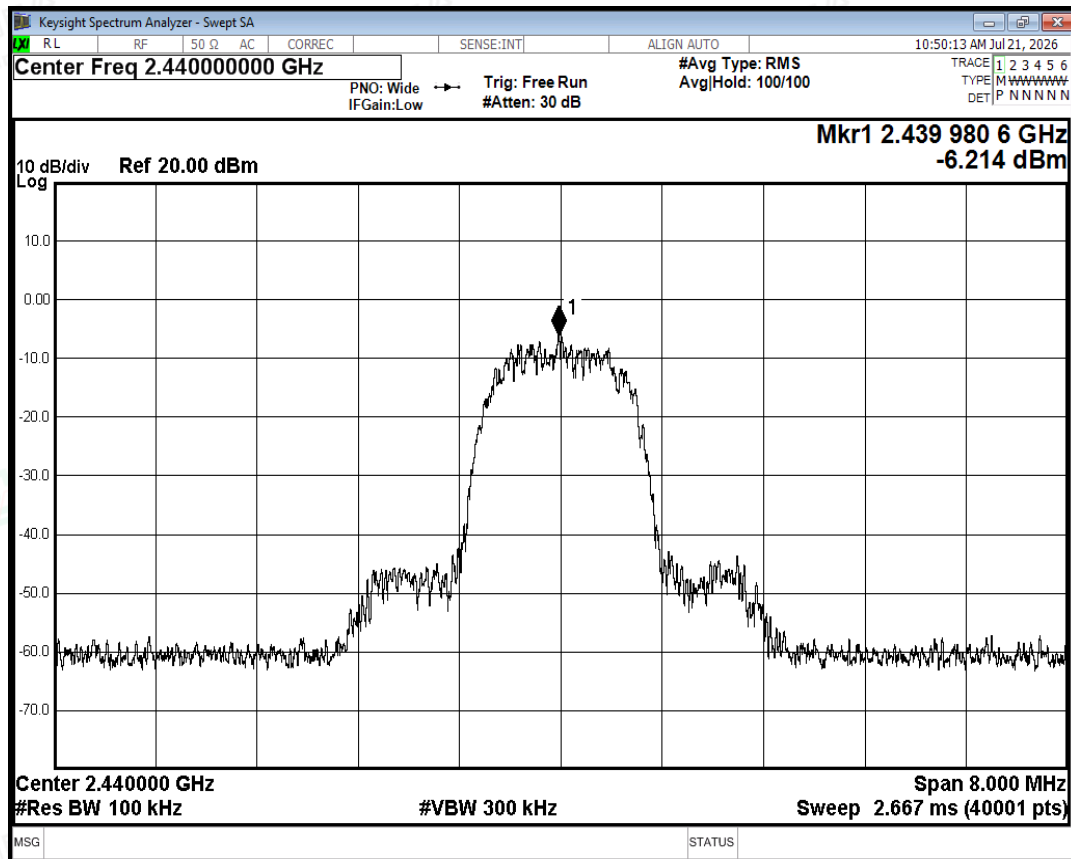
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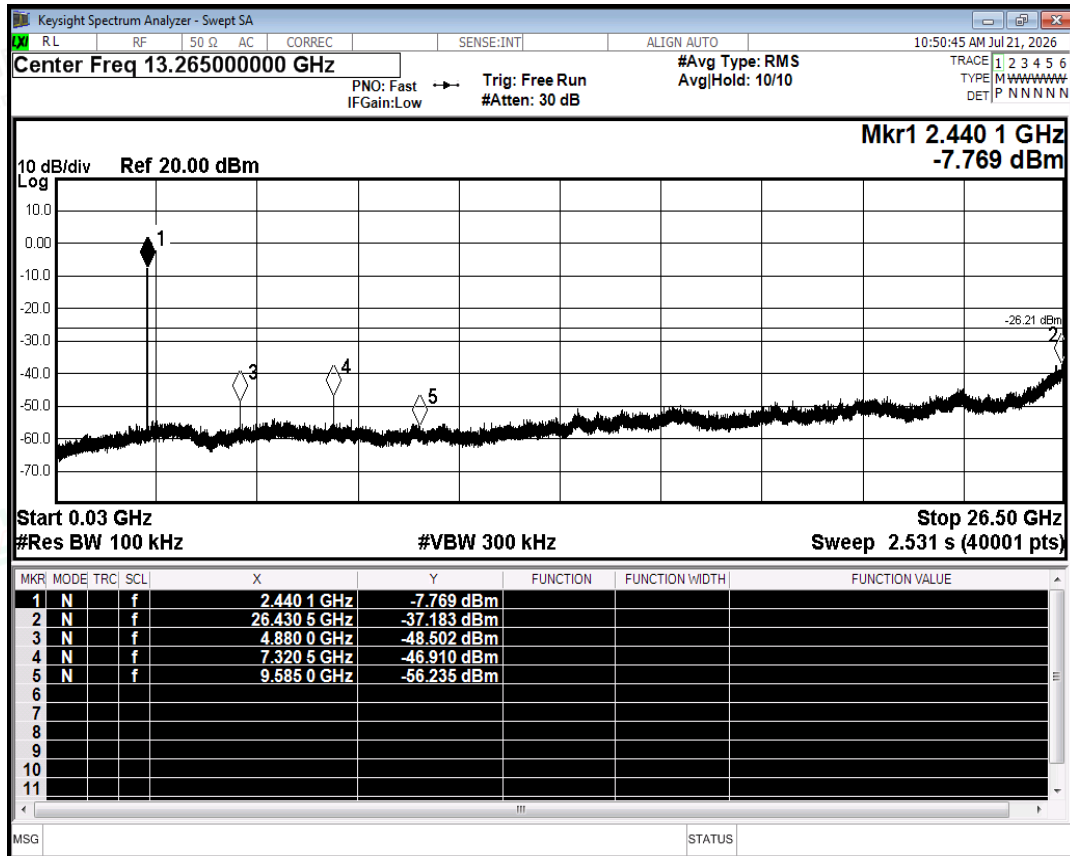


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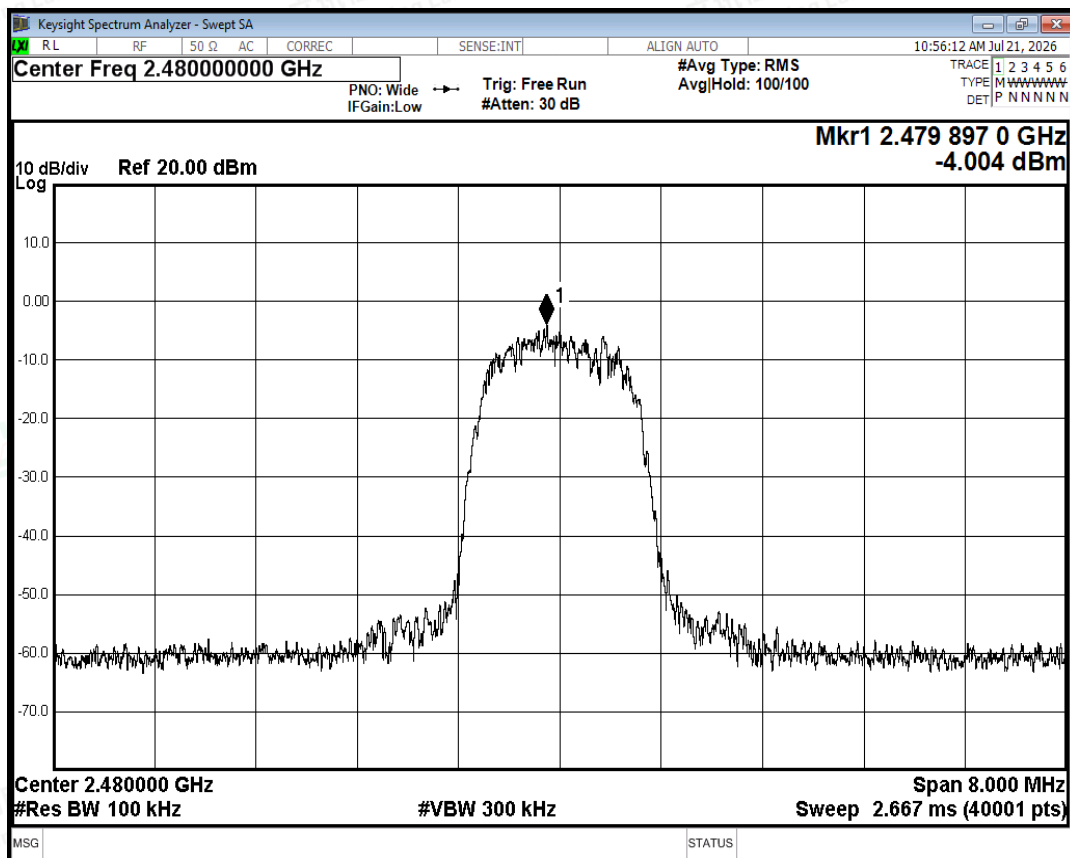
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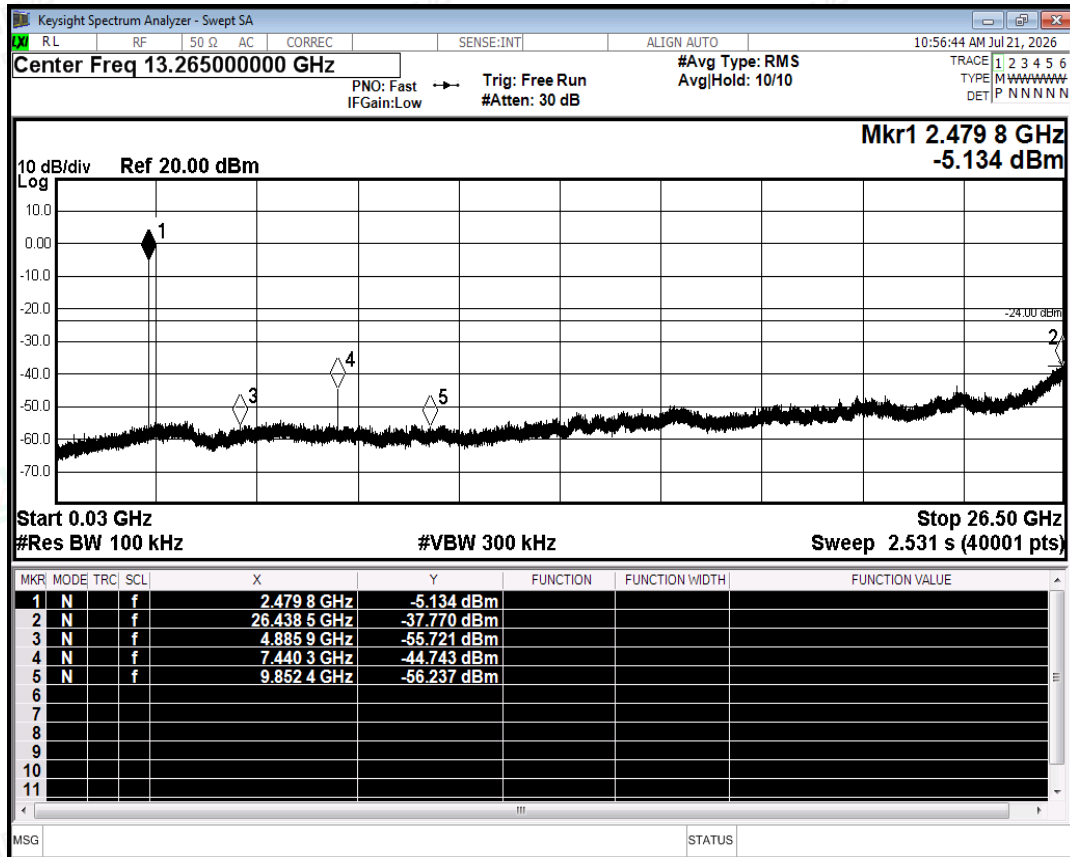
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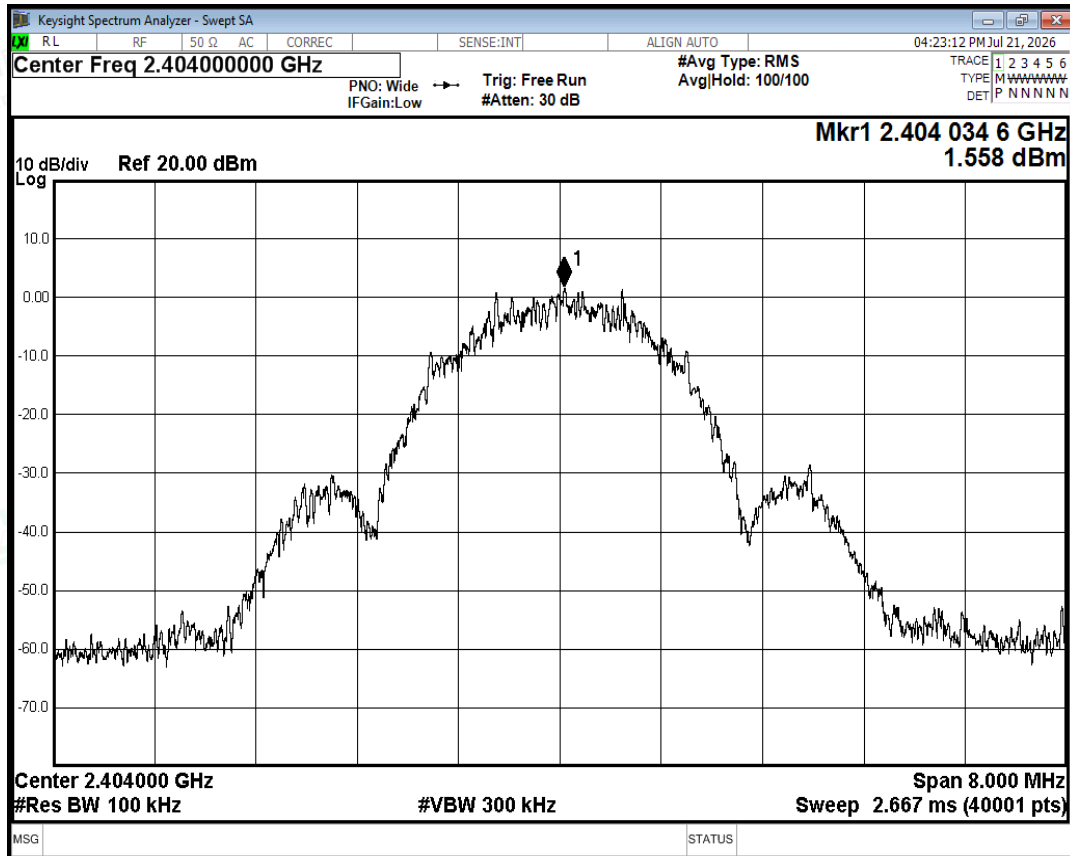
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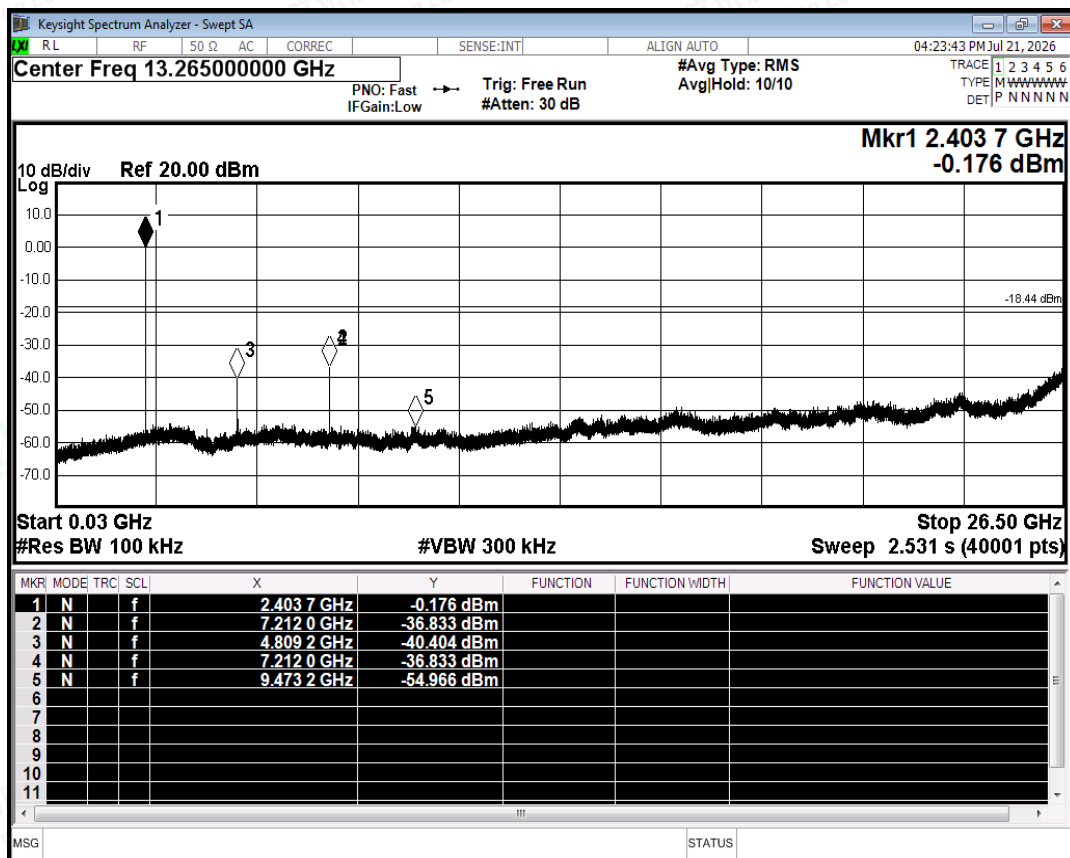
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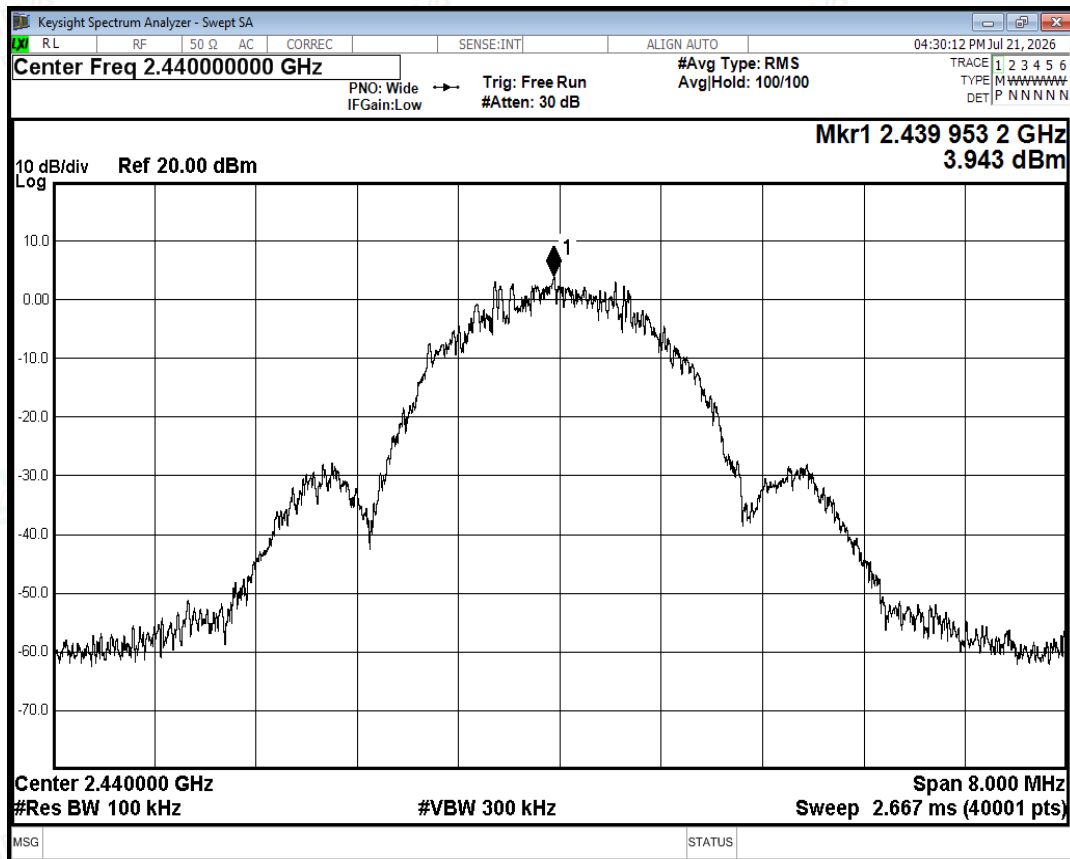
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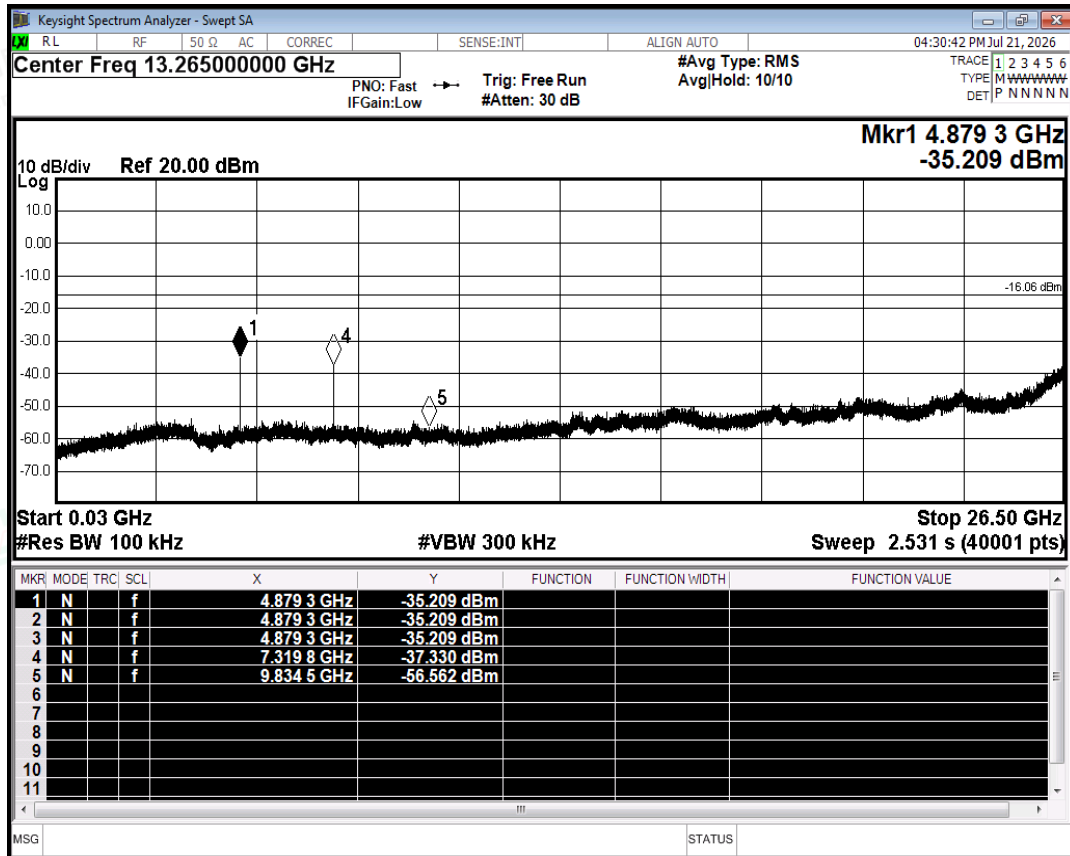
Tx. Spurious NVNT 2.4G_2M_GFSK 2404MHz Ant1 Ref



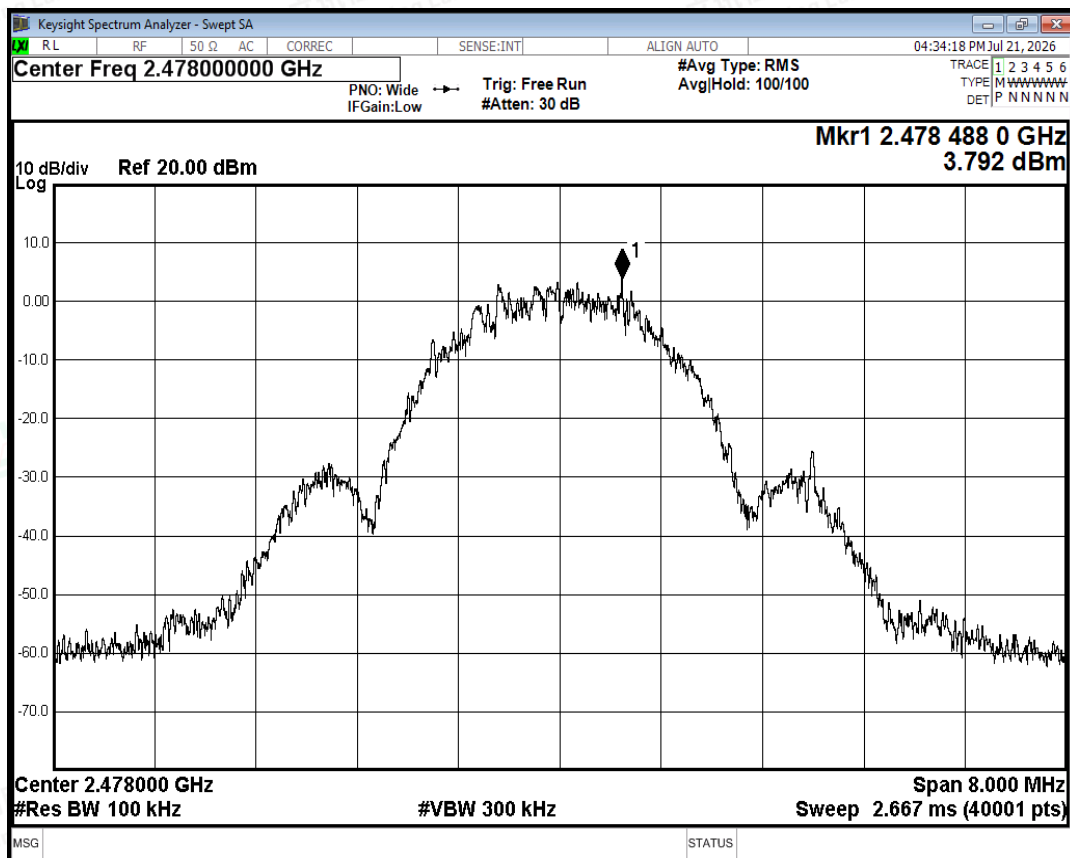
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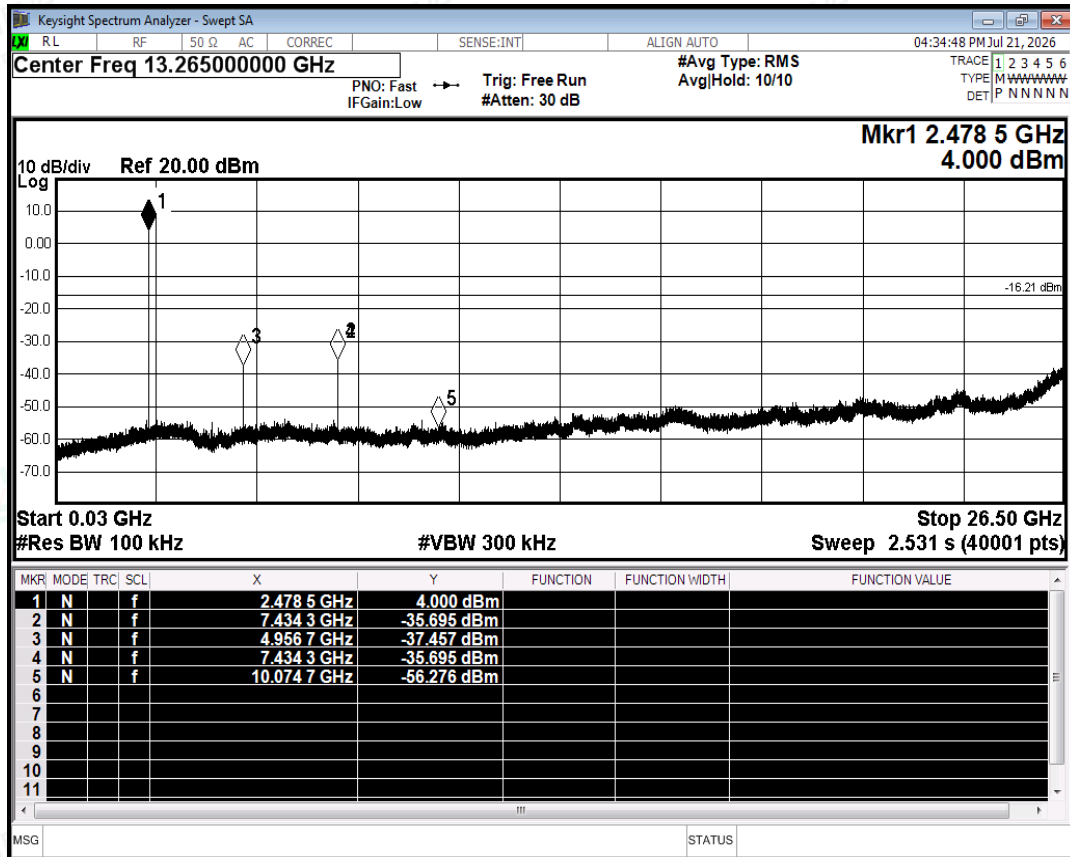
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Tx. Spurious NVNT 2.4G_2M_GFSK 2440MHz Ant1 Emission



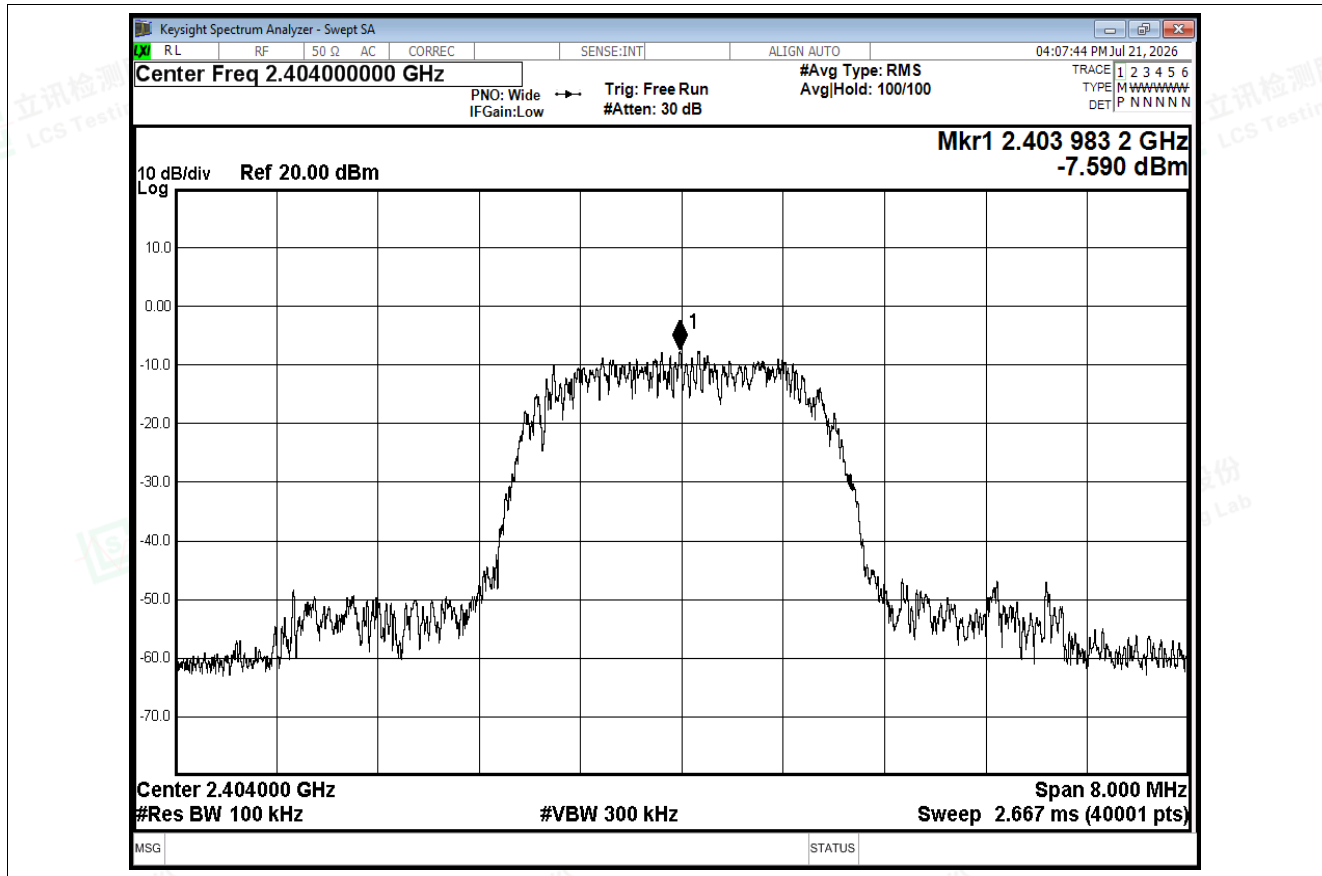
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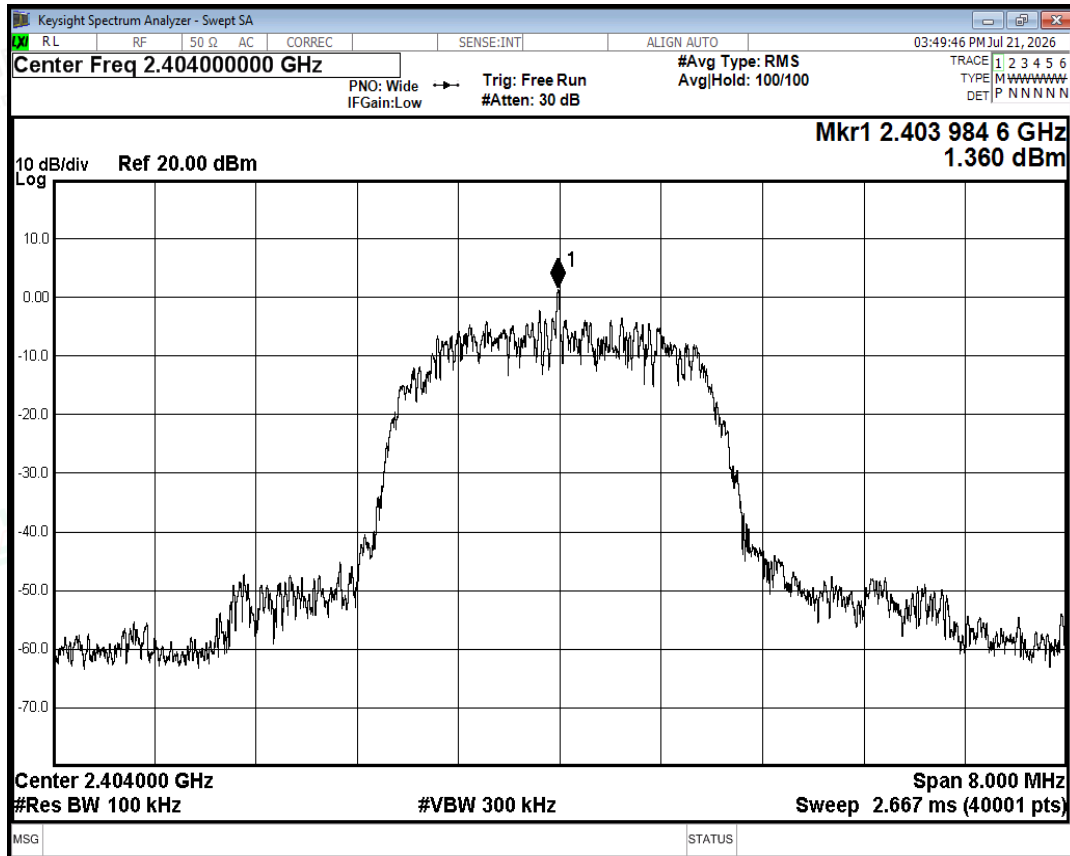


Tx. Spurious NVNT 2.4G_2M_GFSK 2478MHz Ant1 Emission

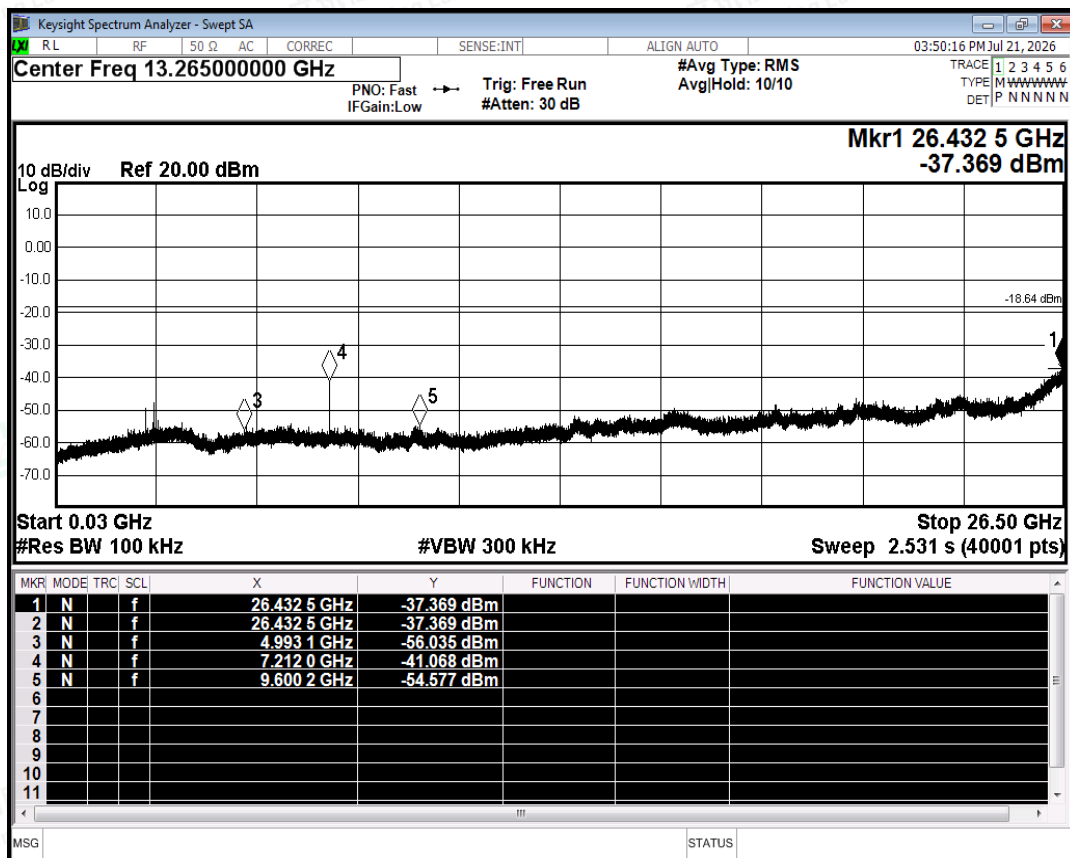


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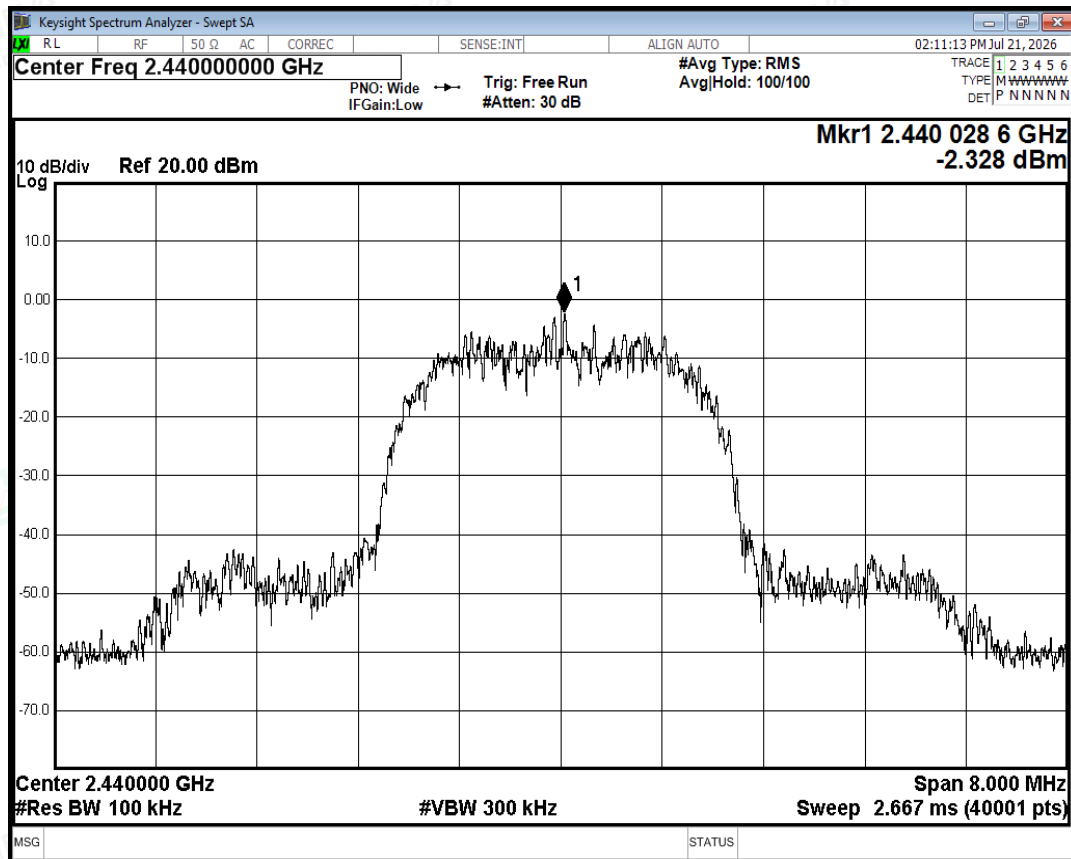
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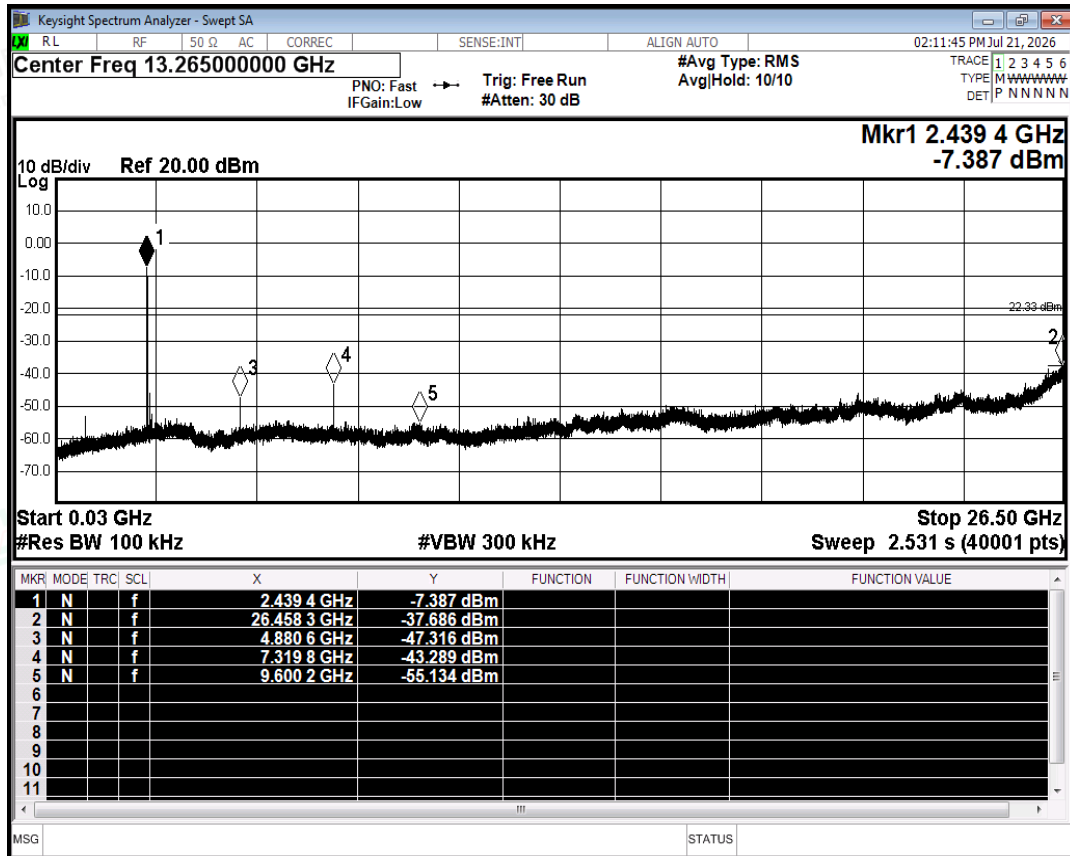


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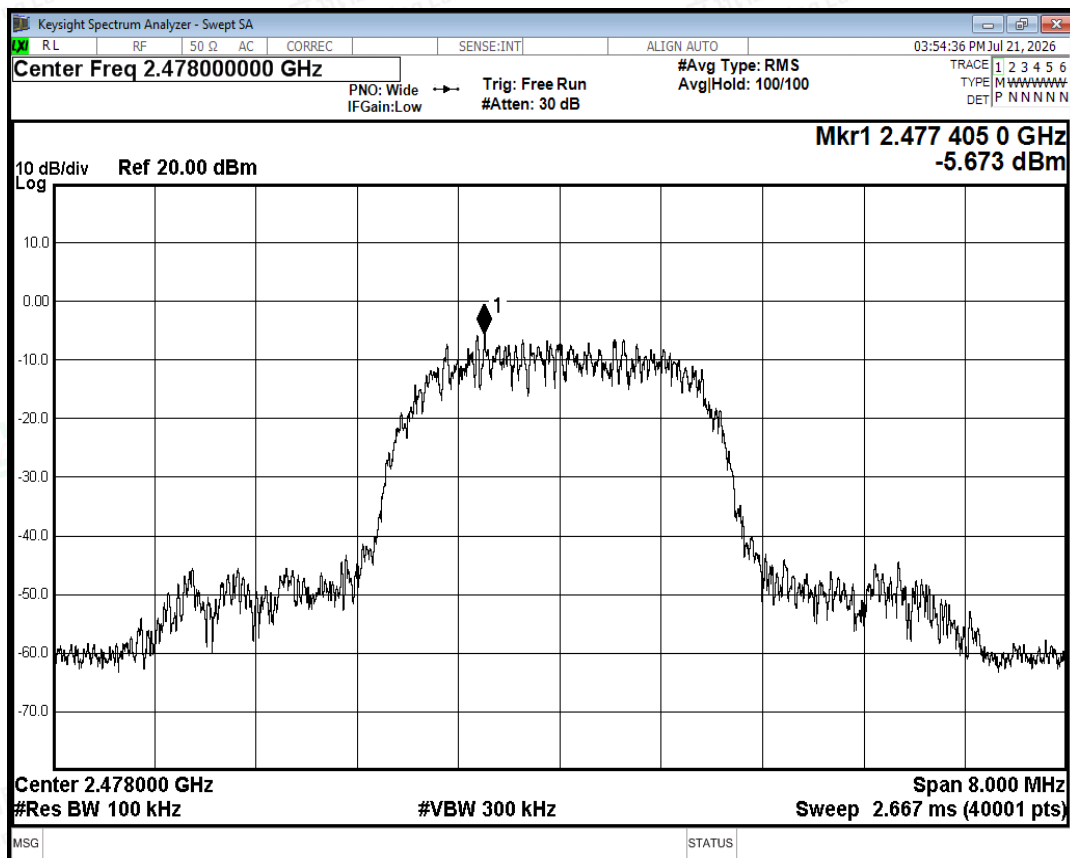
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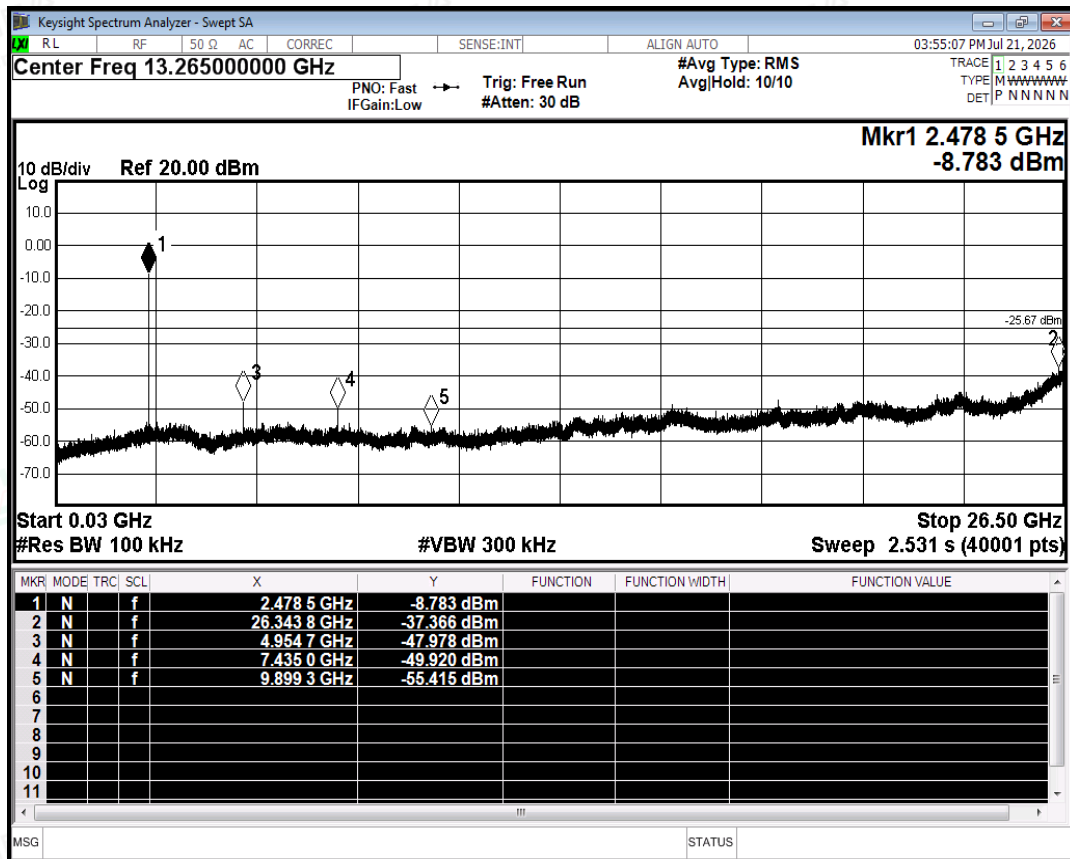
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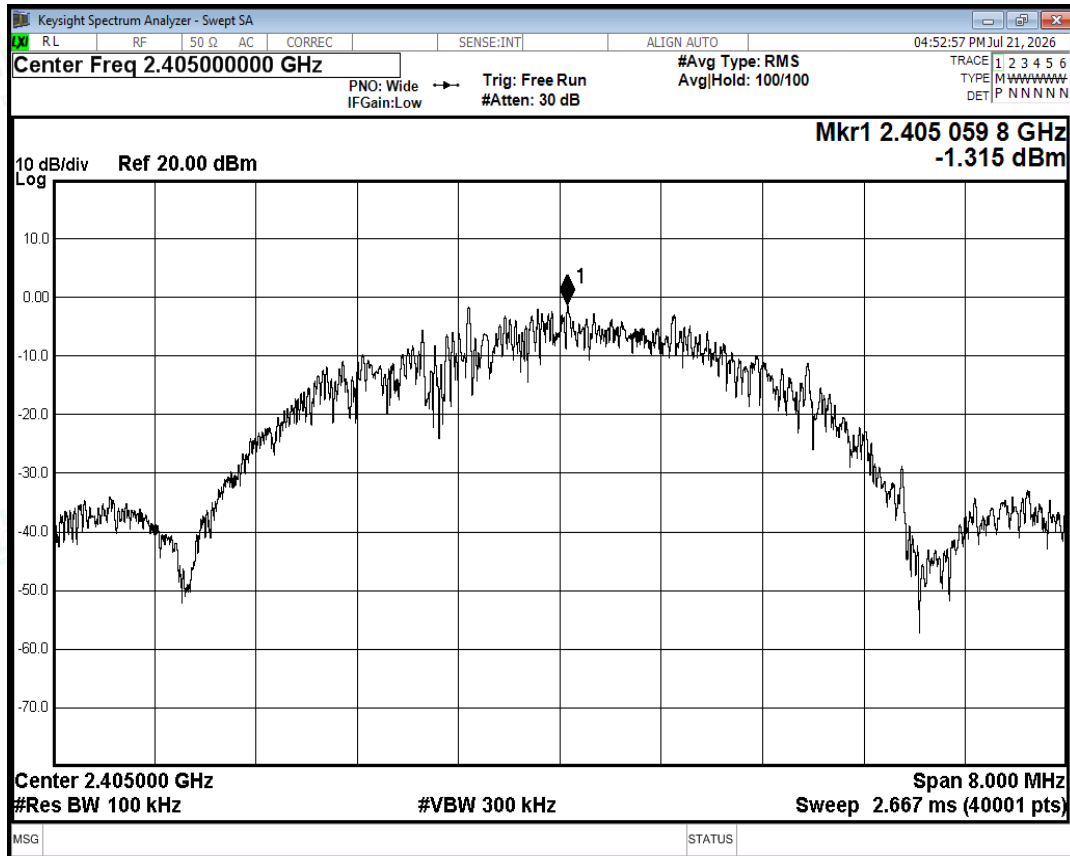
Tx. Spurious NVNT 2.4G_2M_8PSK 2440MHz Ant1 Emission



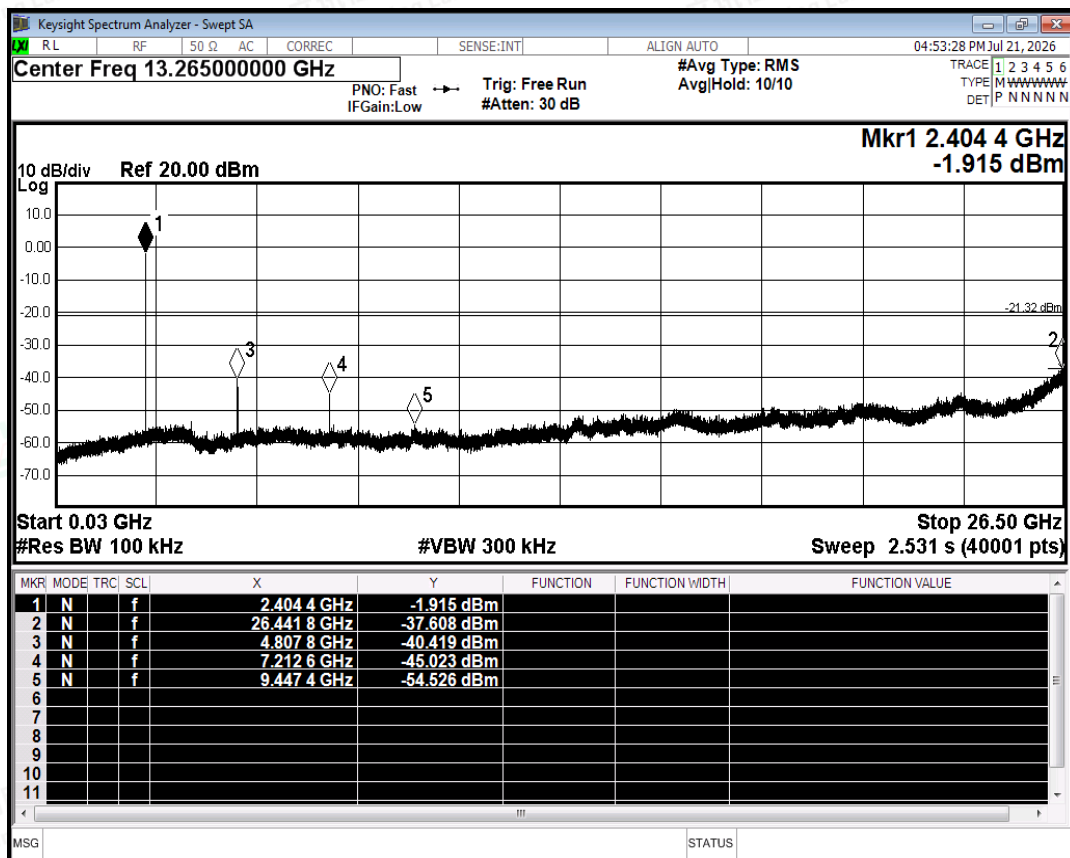
Tx. Spurious NVNT 2.4G_2M_8PSK 2478MHz Ant1 Ref



Tx. Spurious NVNT 2.4G_2M_8PSK 2478MHz Ant1 Emission



Tx. Spurious NVNT 2.4G_4M_GFSK 2405MHz Ant1 Ref





Keysight Spectrum Analyzer - Swept SA

04:57:50 PM Jul 21, 2026

Center Freq 2.44100000 GHz

PNO: Wide IFGain: Low Trig: Free Run #Atten: 30 dB

#Avg Type: RMS AvgHold: 100/100

10 dB/div Ref 20.00 dBm

Mkr1 2.440 047 6 GHz 0.629 dBm

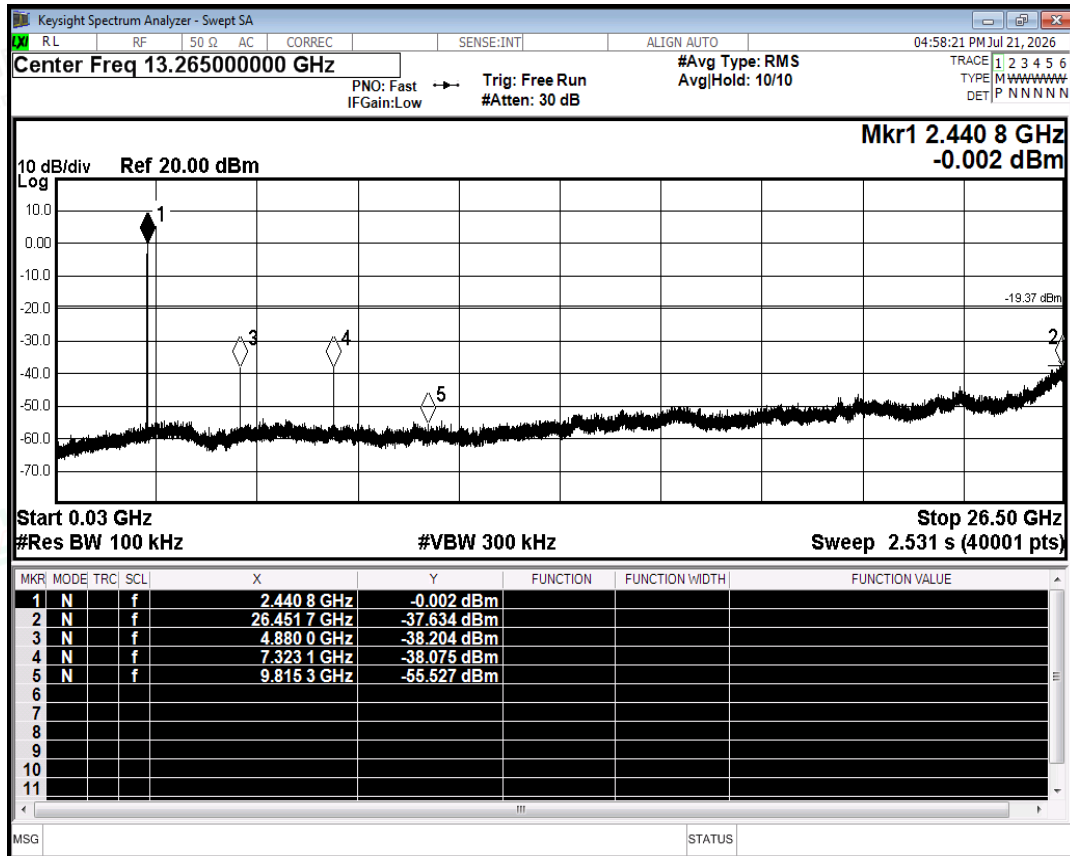
The spectrum analyzer display shows a noisy signal with a peak marker at 2.4400476 GHz. The y-axis is labeled 10 dB/div and the x-axis is labeled Log. The signal is centered at 2.441000 GHz with a span of 8.000 MHz. The resolution bandwidth is 100 kHz and the video bandwidth is 300 kHz. The sweep time is 2.667 ms (40001 pts).

Center 2.441000 GHz

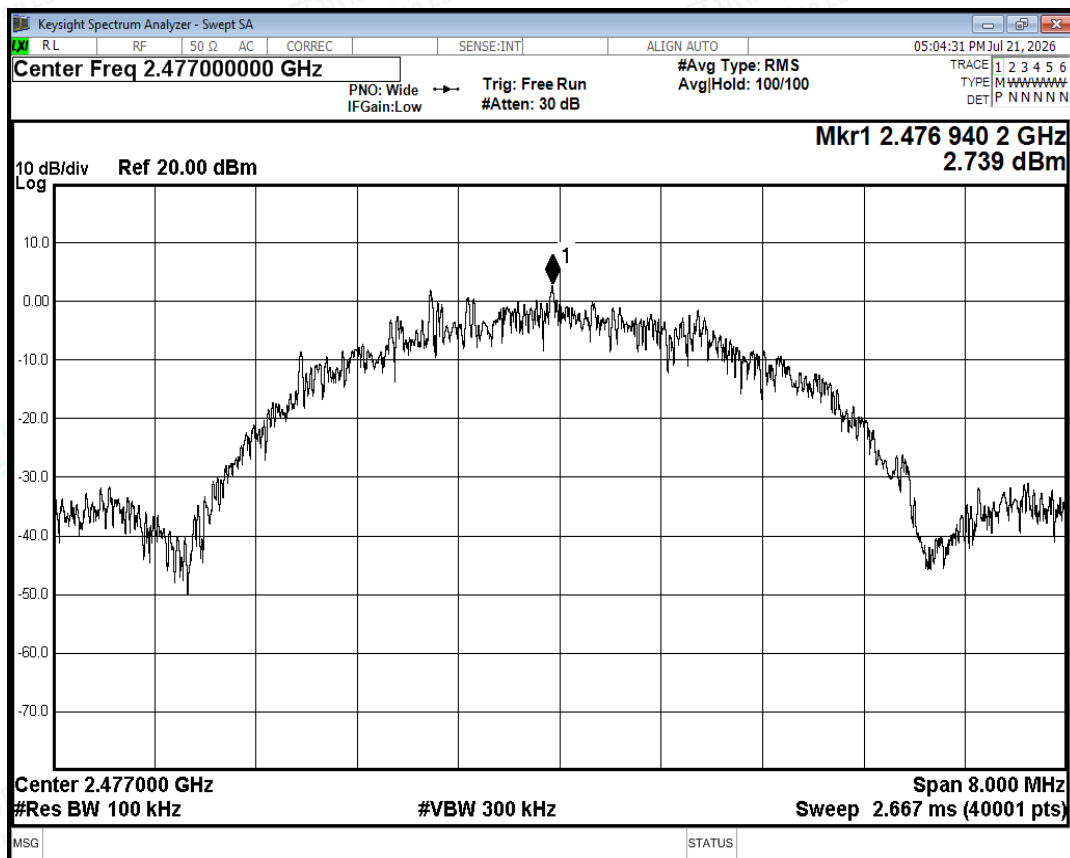
#Res BW 100 kHz #VBW 300 kHz

Span 8.000 MHz Sweep 2.667 ms (40001 pts)

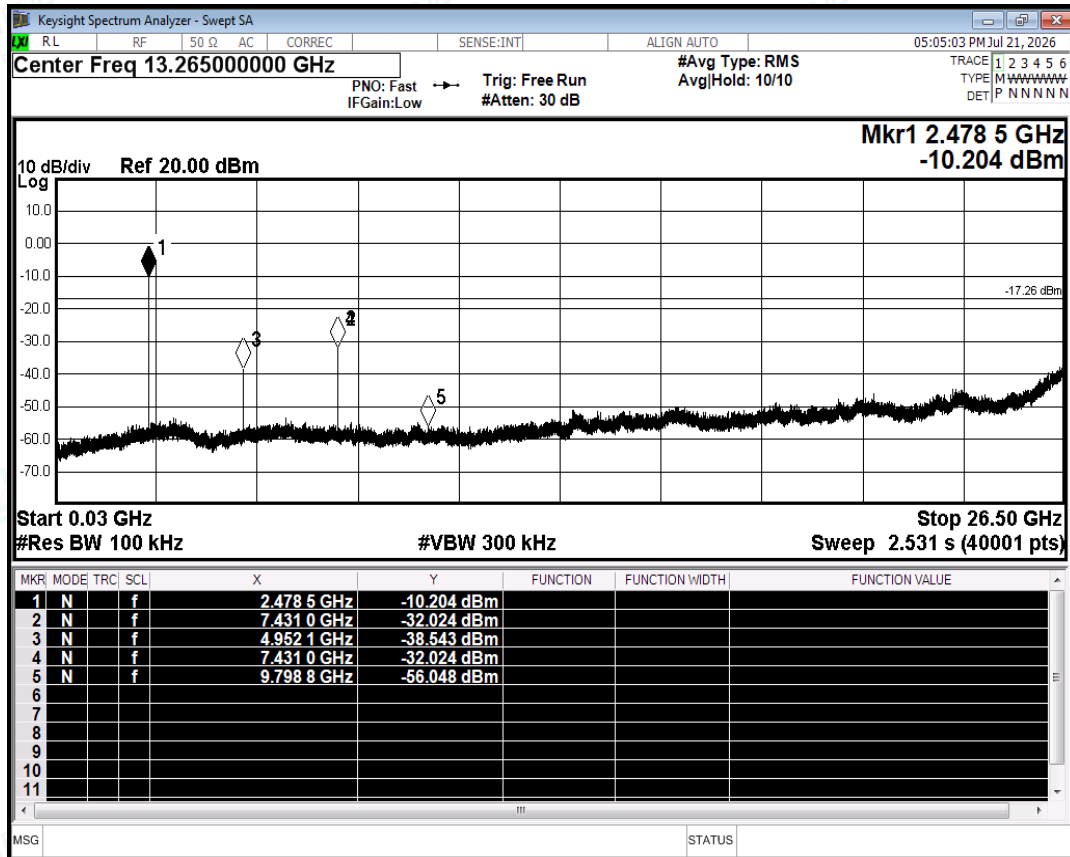
Tx. Spurious NVNT 2.4G_4M_GFSK 2441MHz Ant1 Ref



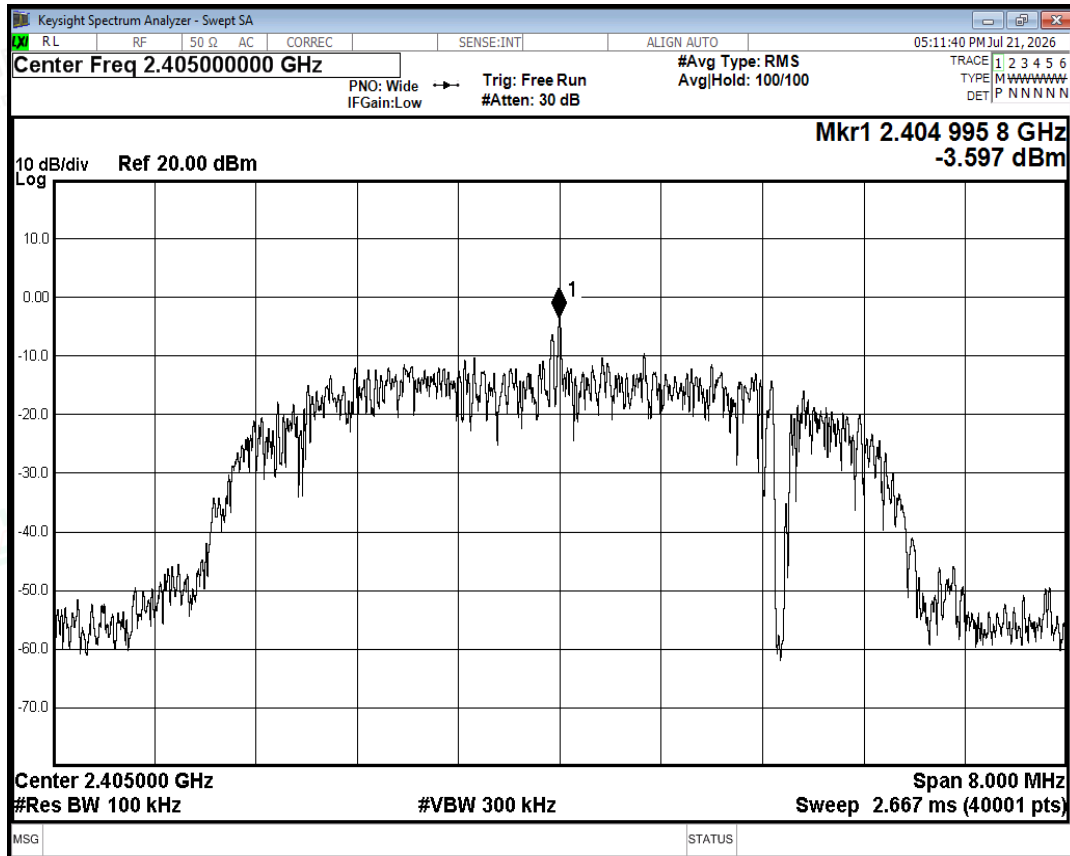
Tx. Spurious NVNT 2.4G_4M_GFSK 2441MHz Ant1 Emission



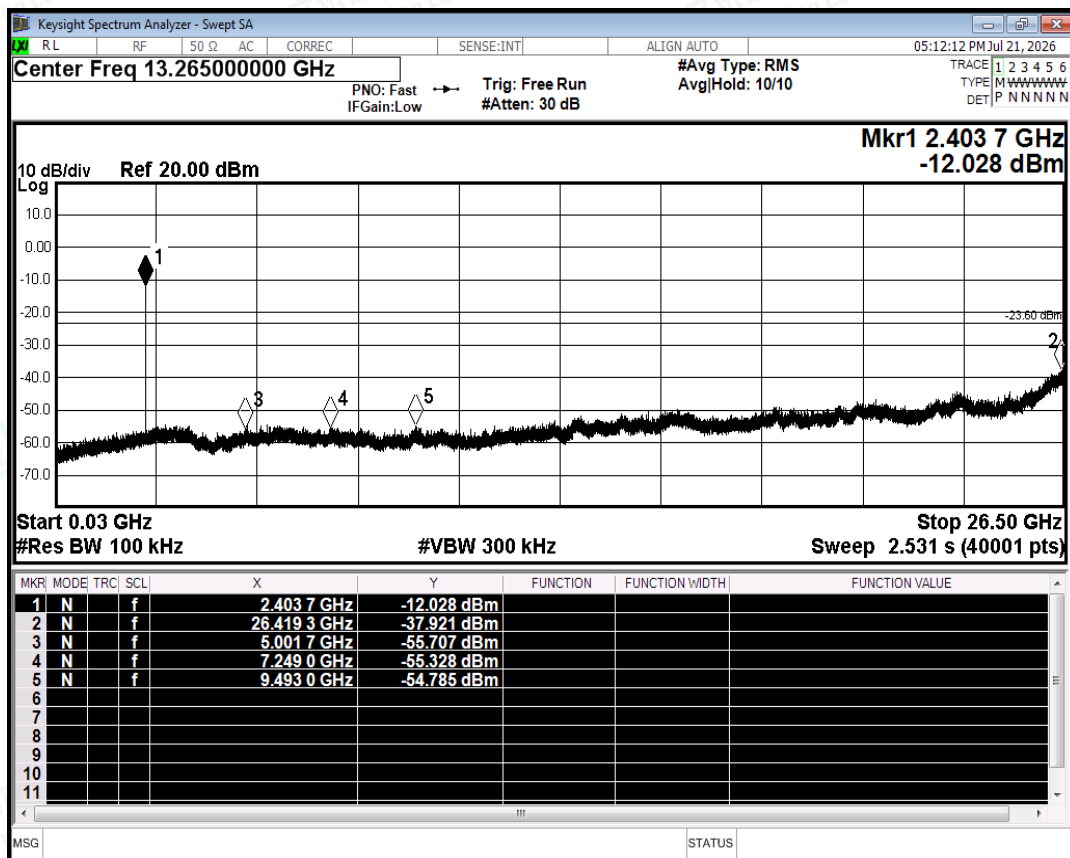
Tx. Spurious NVNT 2.4G_4M_GFSK 2477MHz Ant1 Ref



Tx. Spurious NVNT 2.4G_4M_GFSK 2477MHz Ant1 Emission



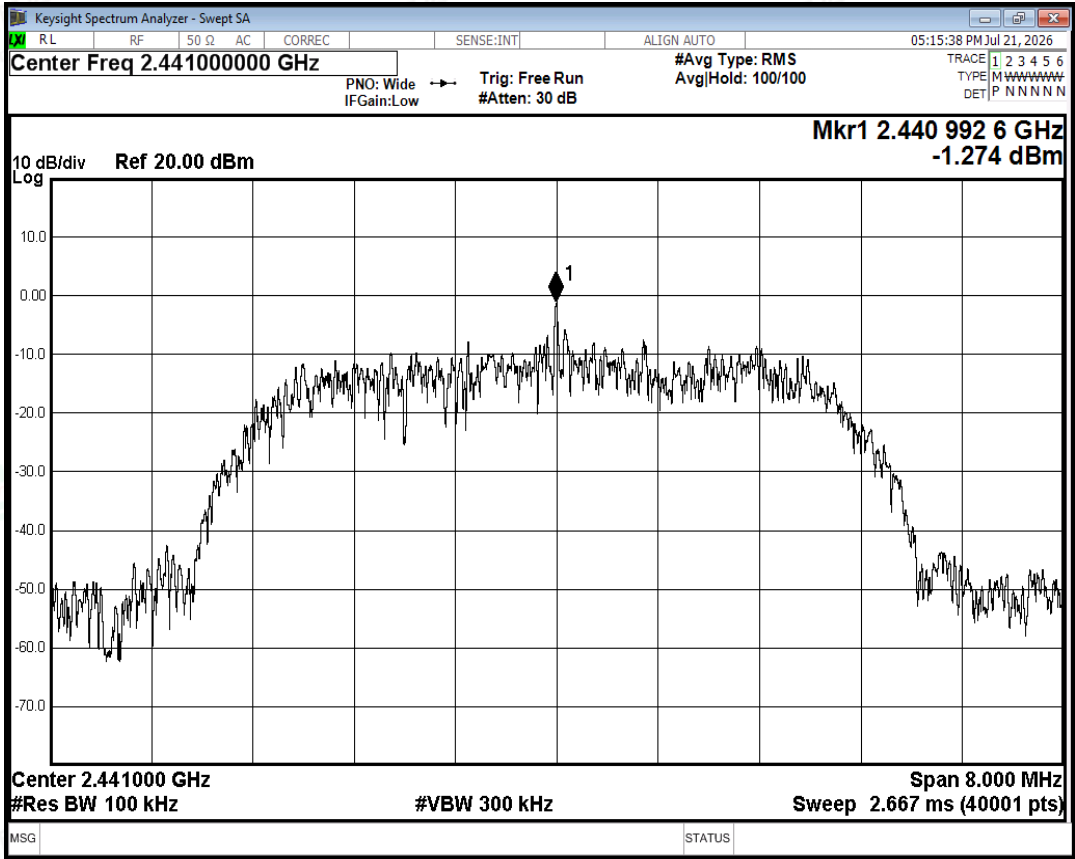
Tx. Spurious NVNT 2.4G_4M_QPSK 2405MHz Ant1 Ref



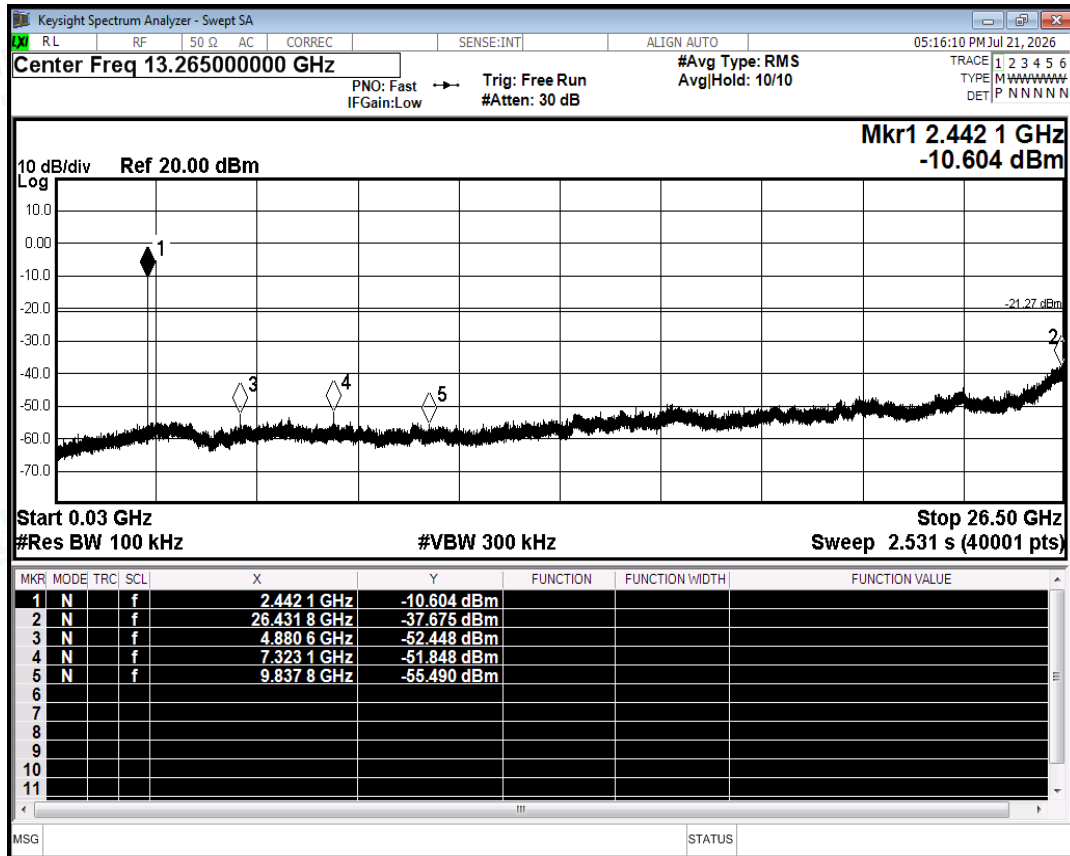


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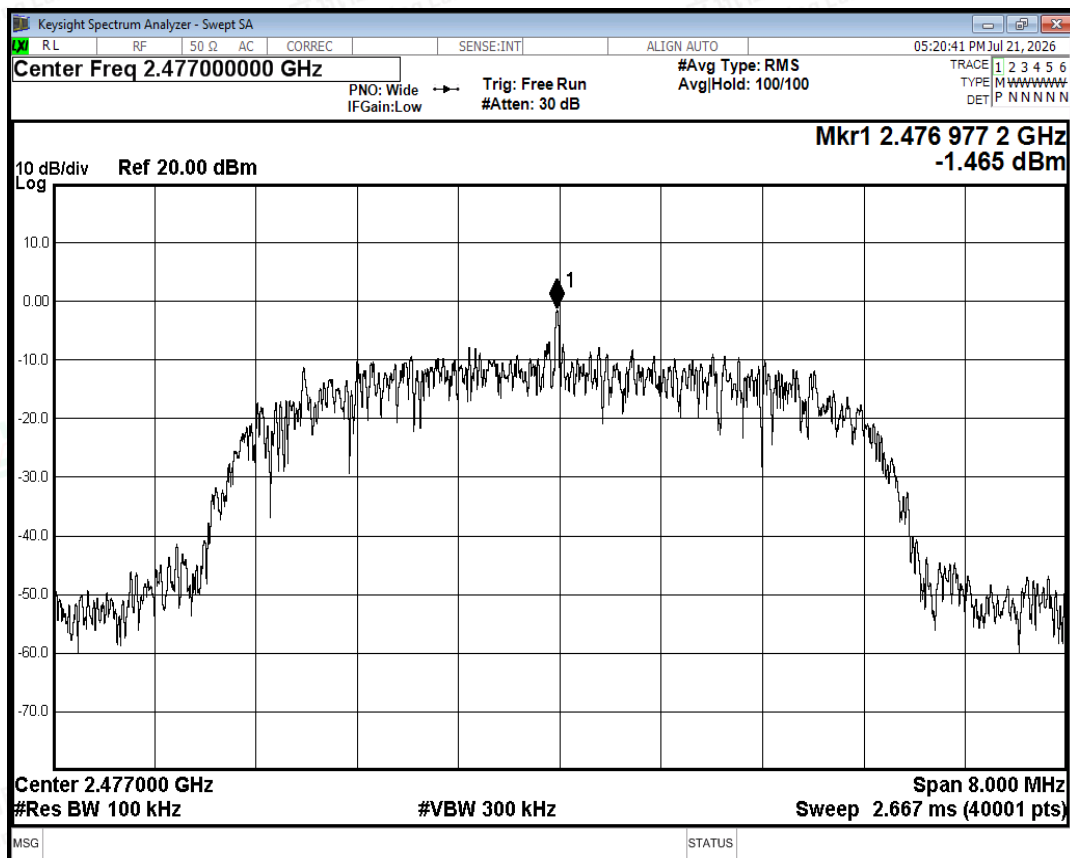
Tx. Spurious NVNT 2.4G_4M_QPSK 2405MHz Ant1 Emission



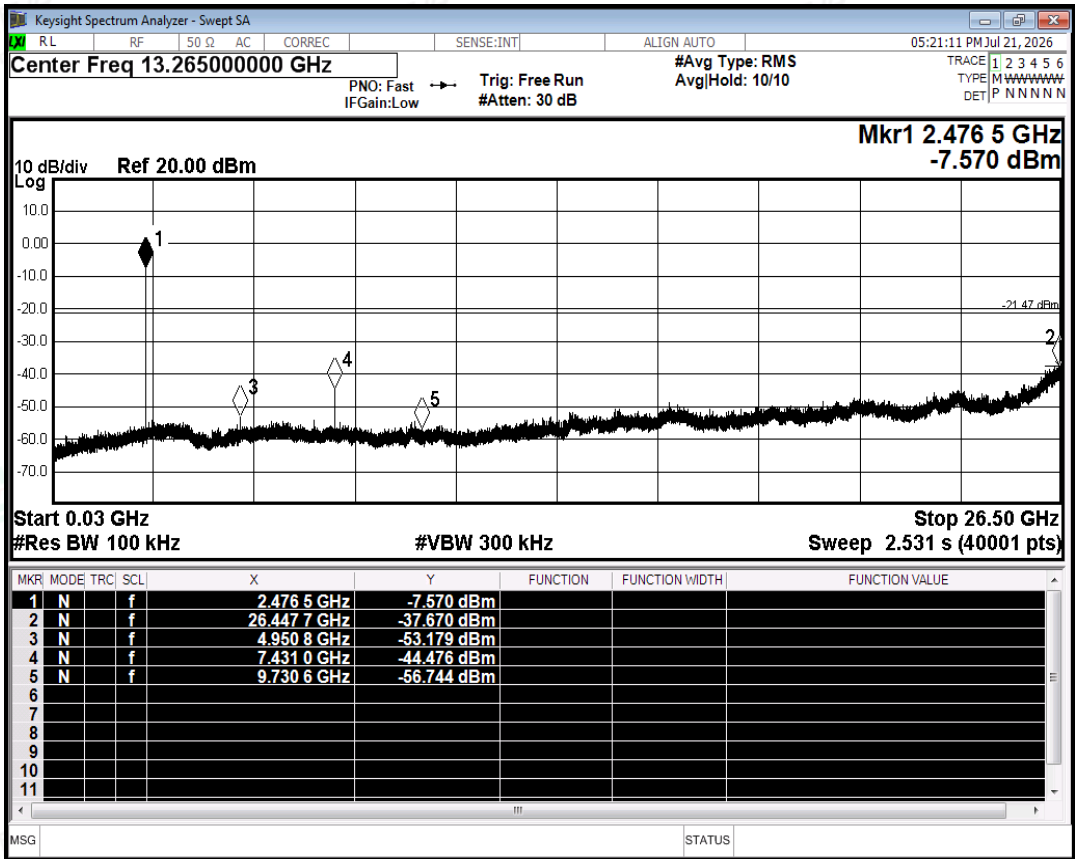
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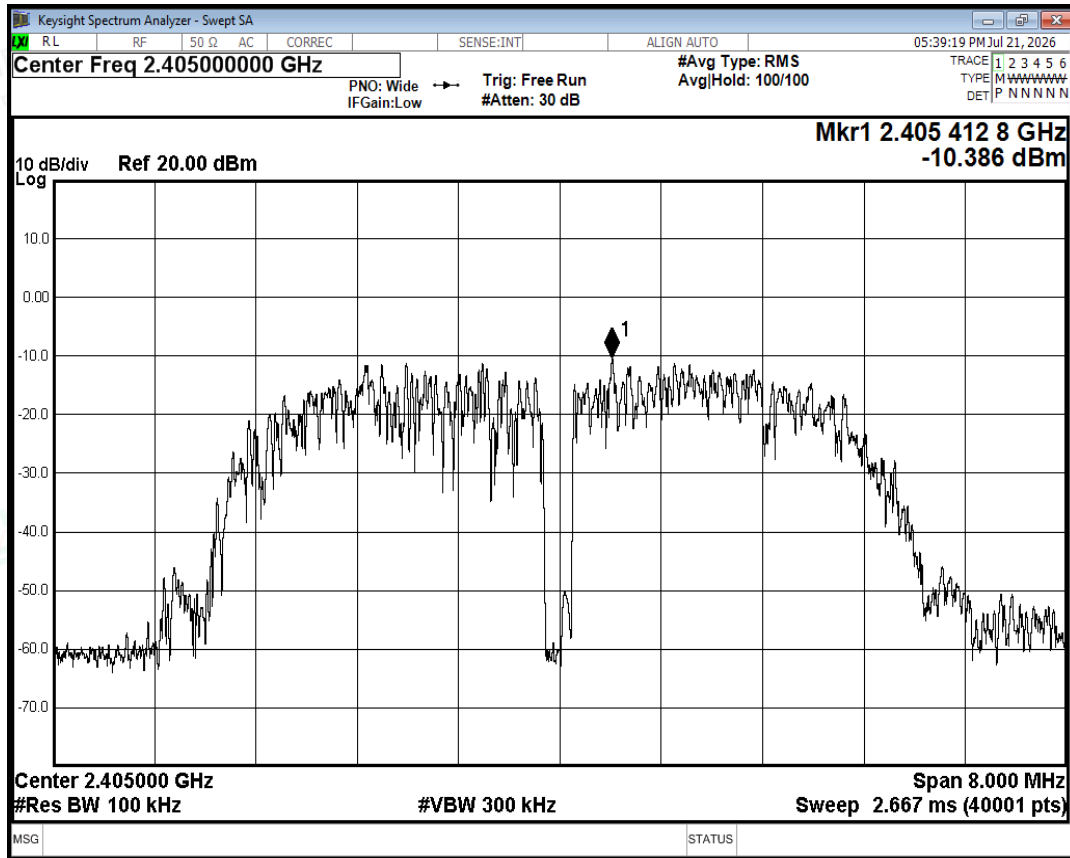
Tx. Spurious NVNT 2.4G_4M_QPSK 2441MHz Ant1 Emission



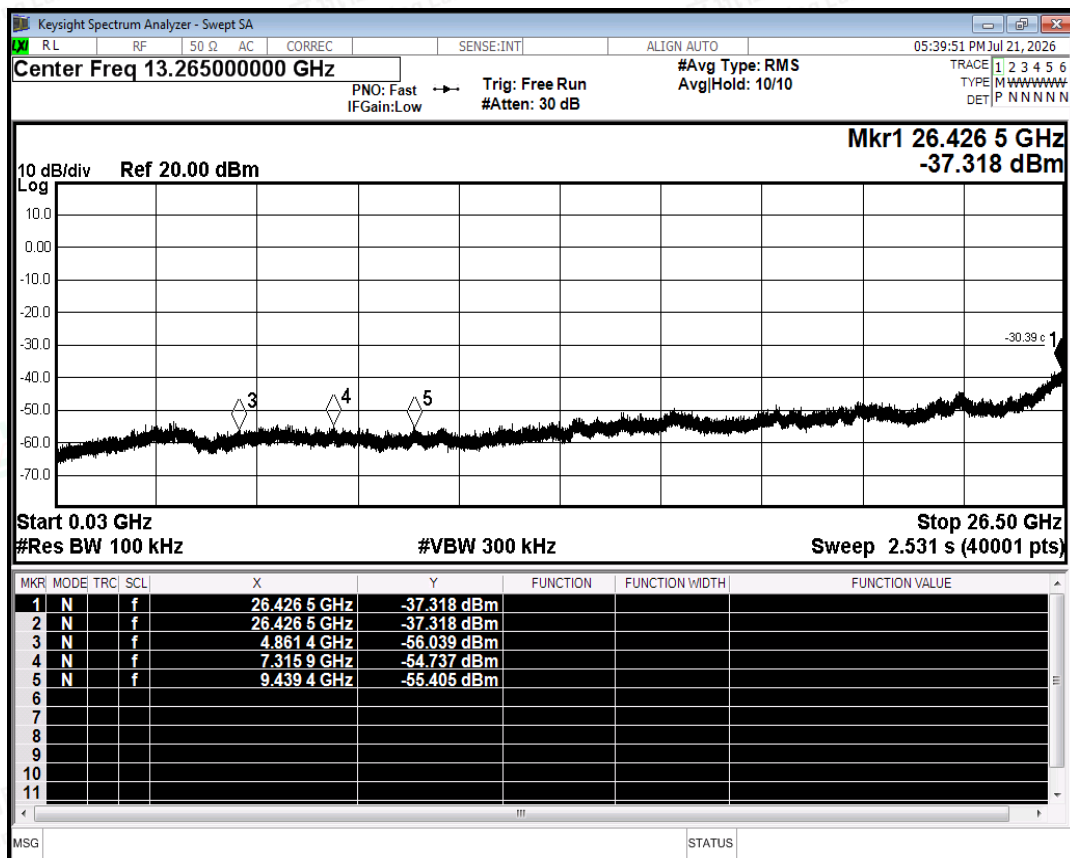
Tx. Spurious NVNT 2.4G_4M_QPSK 2477MHz Ant1 Ref



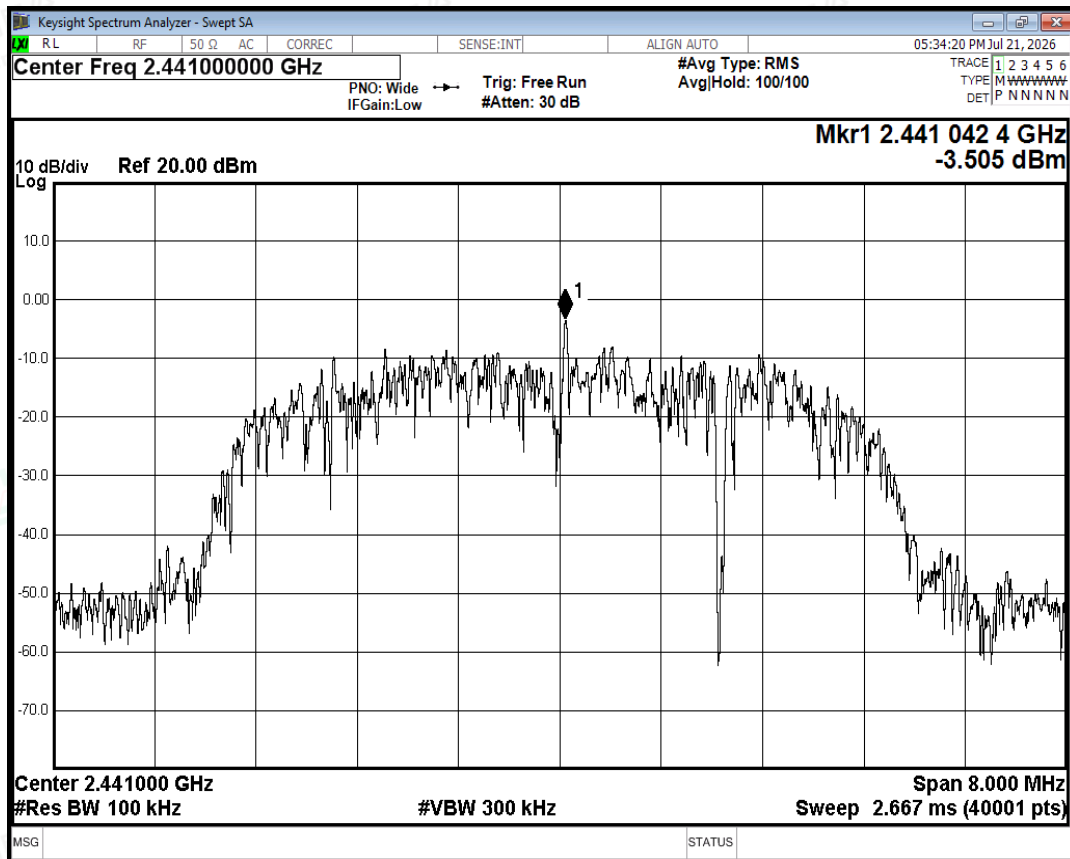
Tx. Spurious NVNT 2.4G_4M_QPSK 2477MHz Ant1 Emission



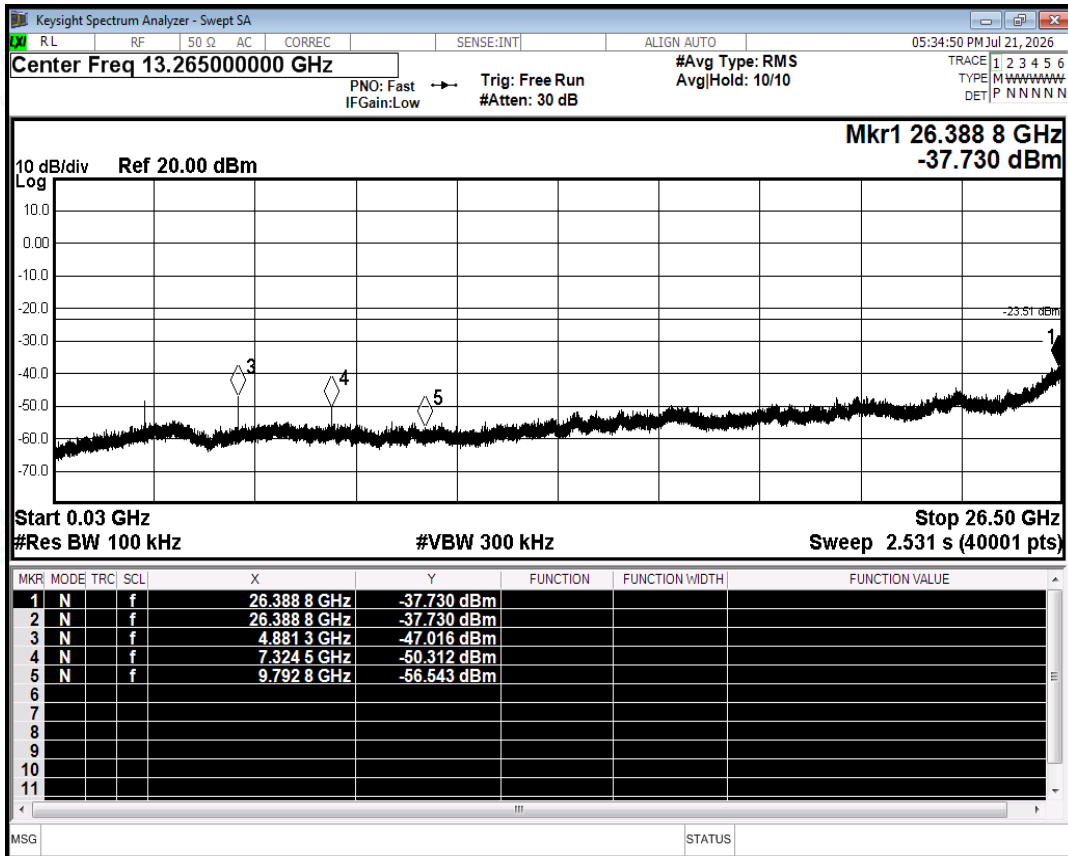
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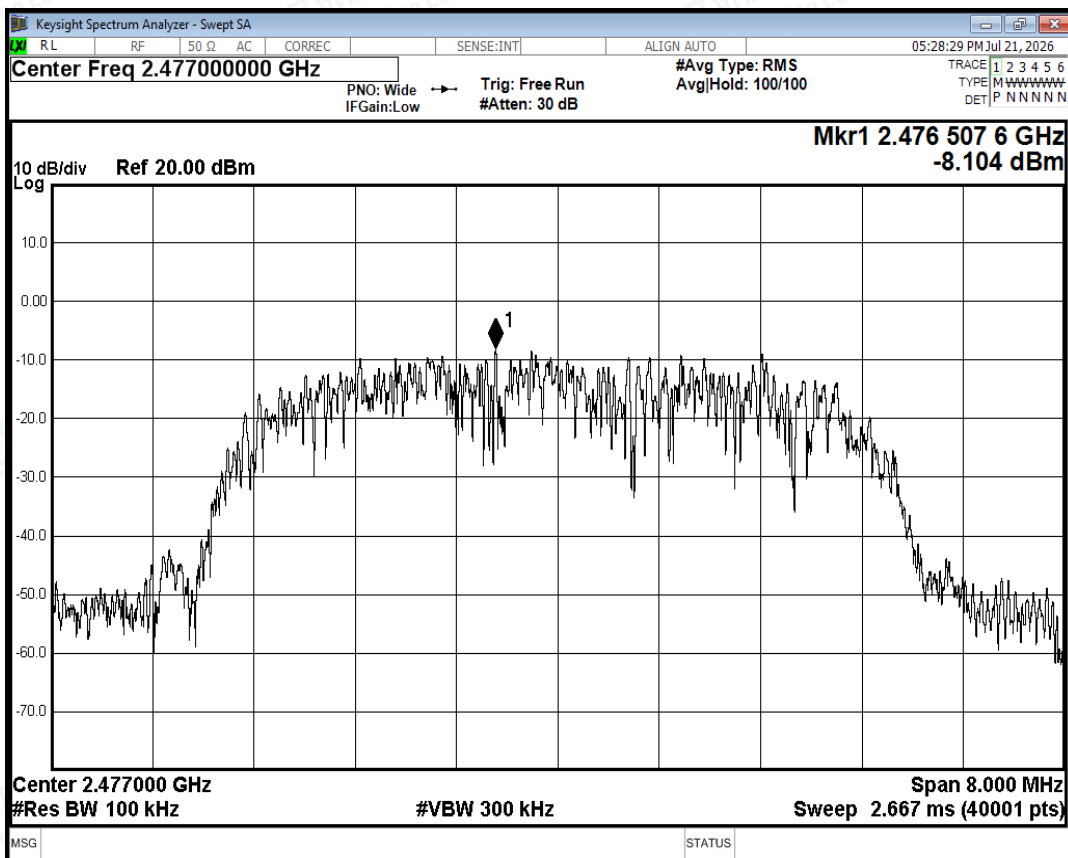
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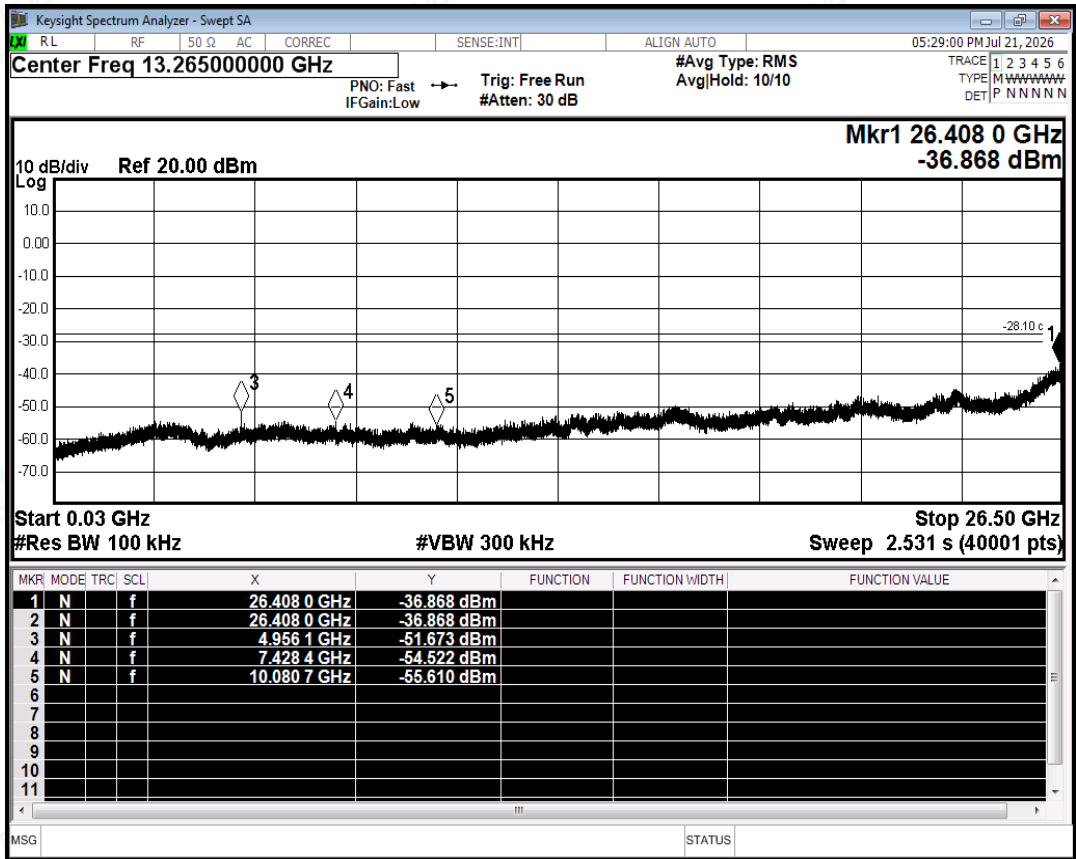
Tx. Spurious NVNT 2.4G_4M_8PSK 2441MHz Ant1 Ref



Tx. Spurious NVNT 2.4G_4M_8PSK 2441MHz Ant1 Emission



Tx. Spurious NVNT 2.4G_4M_8PSK 2477MHz Ant1 Ref

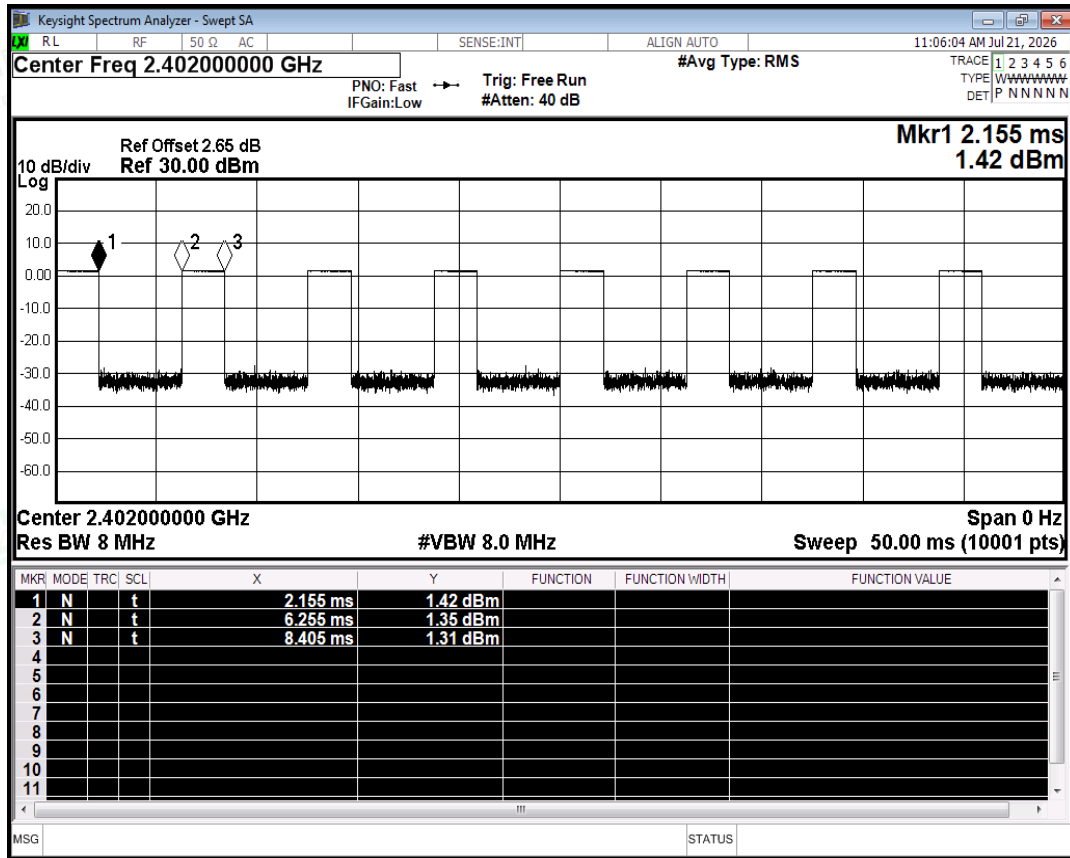


Tx. Spurious NVNT 2.4G_4M_8PSK 2477MHz Ant1 Emission

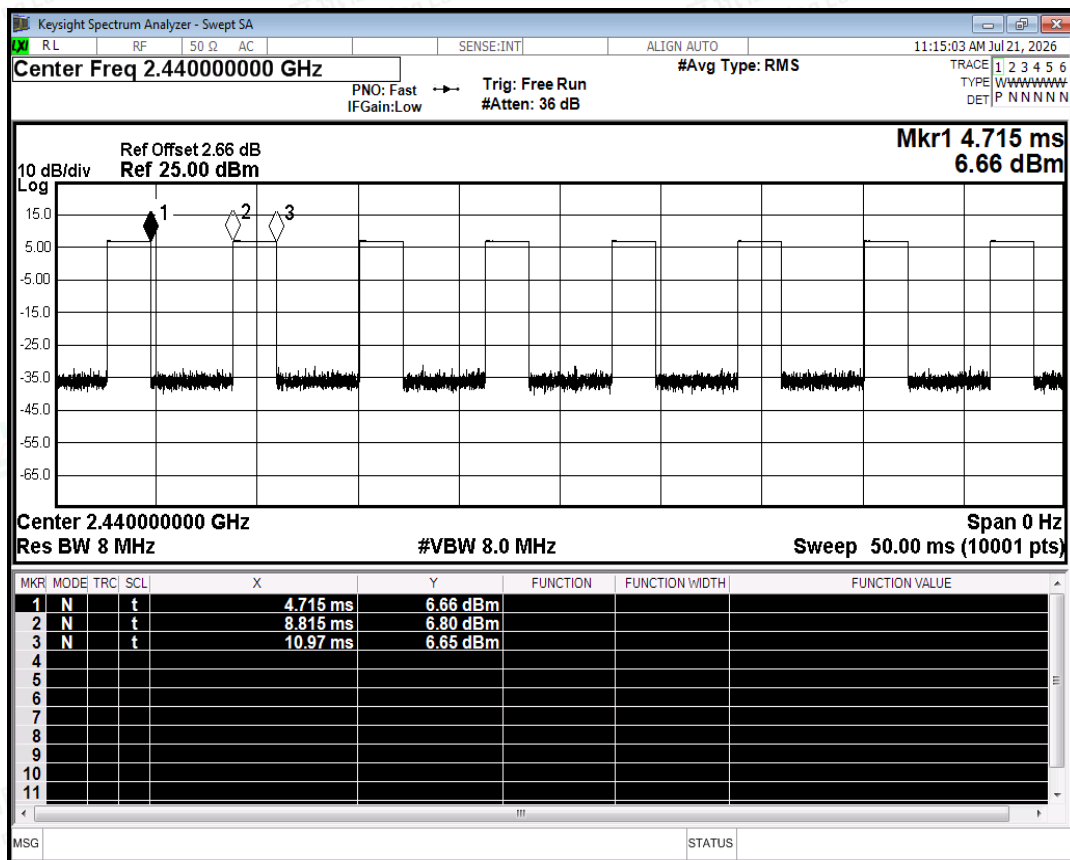


A.6 Duty Cycle

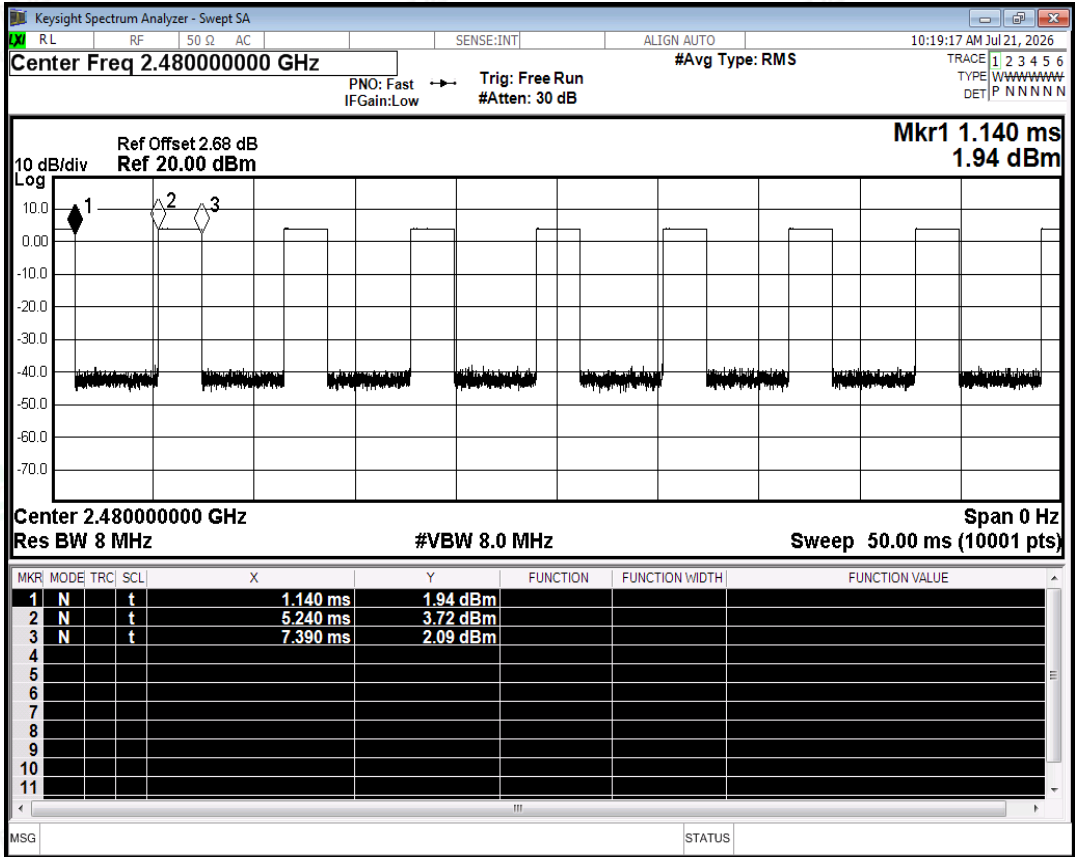
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	2.4G_1M_GFSK	2402	Ant1	34.4	4.63	0.47
NVNT	2.4G_1M_GFSK	2440	Ant1	34.4	4.63	0.47
NVNT	2.4G_1M_GFSK	2480	Ant1	34.4	4.63	0.47
NVNT	2.4G_1M_QPSK	2402	Ant1	17.76	7.51	0.9
NVNT	2.4G_1M_QPSK	2440	Ant1	17.76	7.51	0.9
NVNT	2.4G_1M_QPSK	2480	Ant1	17.76	7.51	0.9
NVNT	2.4G_1M_8PSK	2402	Ant1	12.32	9.09	1.3
NVNT	2.4G_1M_8PSK	2440	Ant1	12.32	9.09	1.3
NVNT	2.4G_1M_8PSK	2480	Ant1	12.24	9.12	1.31
NVNT	2.4G_2M_GFSK	2404	Ant1	17.36	7.6	0.92
NVNT	2.4G_2M_GFSK	2440	Ant1	17.28	7.62	0.93
NVNT	2.4G_2M_GFSK	2478	Ant1	17.36	7.6	0.92
NVNT	2.4G_2M_QPSK	2404	Ant1	8.96	10.48	1.79
NVNT	2.4G_2M_QPSK	2440	Ant1	8.96	10.48	1.79
NVNT	2.4G_2M_QPSK	2478	Ant1	8.96	10.48	1.79
NVNT	2.4G_2M_8PSK	2404	Ant1	6.24	12.05	2.56
NVNT	2.4G_2M_8PSK	2440	Ant1	6.24	12.05	2.56
NVNT	2.4G_2M_8PSK	2478	Ant1	6.24	12.05	2.56
NVNT	2.4G_4M_GFSK	2405	Ant1	8.72	10.59	1.83
NVNT	2.4G_4M_GFSK	2441	Ant1	8.72	10.59	1.83
NVNT	2.4G_4M_GFSK	2477	Ant1	8.8	10.56	1.82
NVNT	2.4G_4M_QPSK	2405	Ant1	4.56	13.41	3.51
NVNT	2.4G_4M_QPSK	2441	Ant1	4.56	13.41	3.51
NVNT	2.4G_4M_QPSK	2477	Ant1	4.56	13.41	3.51
NVNT	2.4G_4M_8PSK	2405	Ant1	3.2	14.95	5
NVNT	2.4G_4M_8PSK	2441	Ant1	3.2	14.95	5
NVNT	2.4G_4M_8PSK	2477	Ant1	3.12	15.06	5.13



Duty Cycle NVNT 2.4G_1M_GFSK 2402MHz Ant1



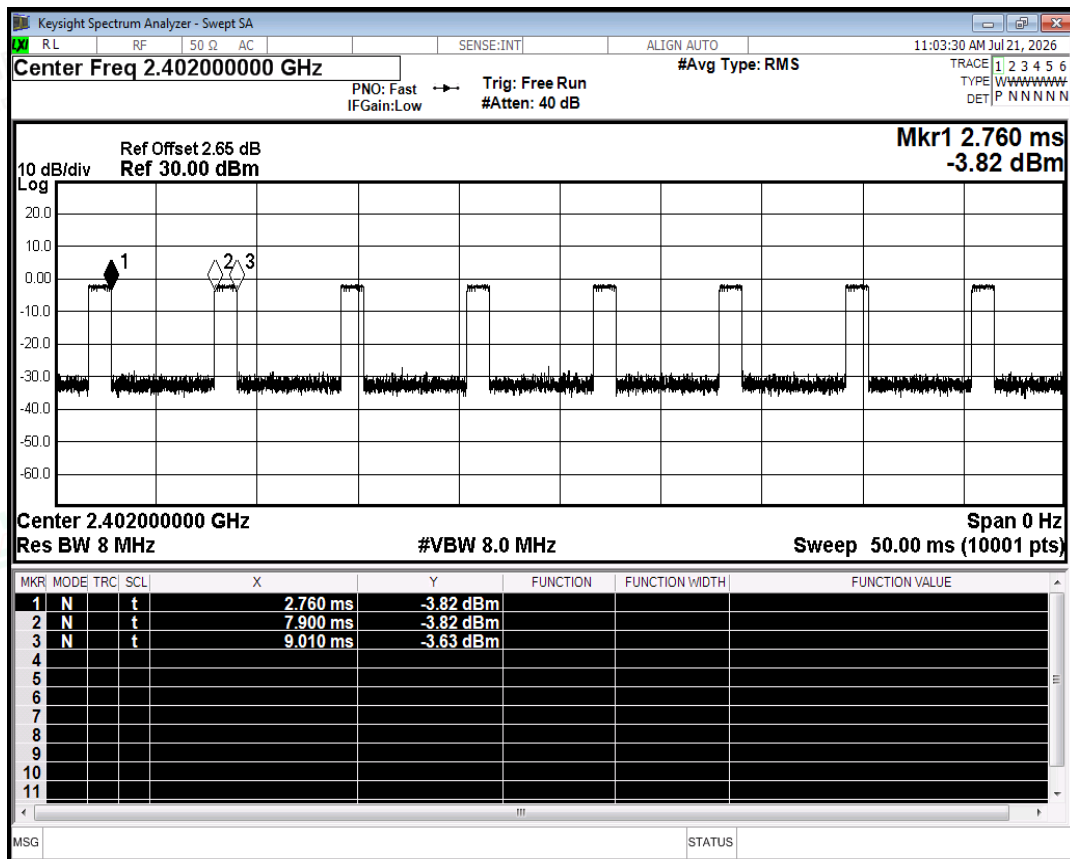
Duty Cycle NVNT 2.4G_1M_GFSK 2440MHz Ant1



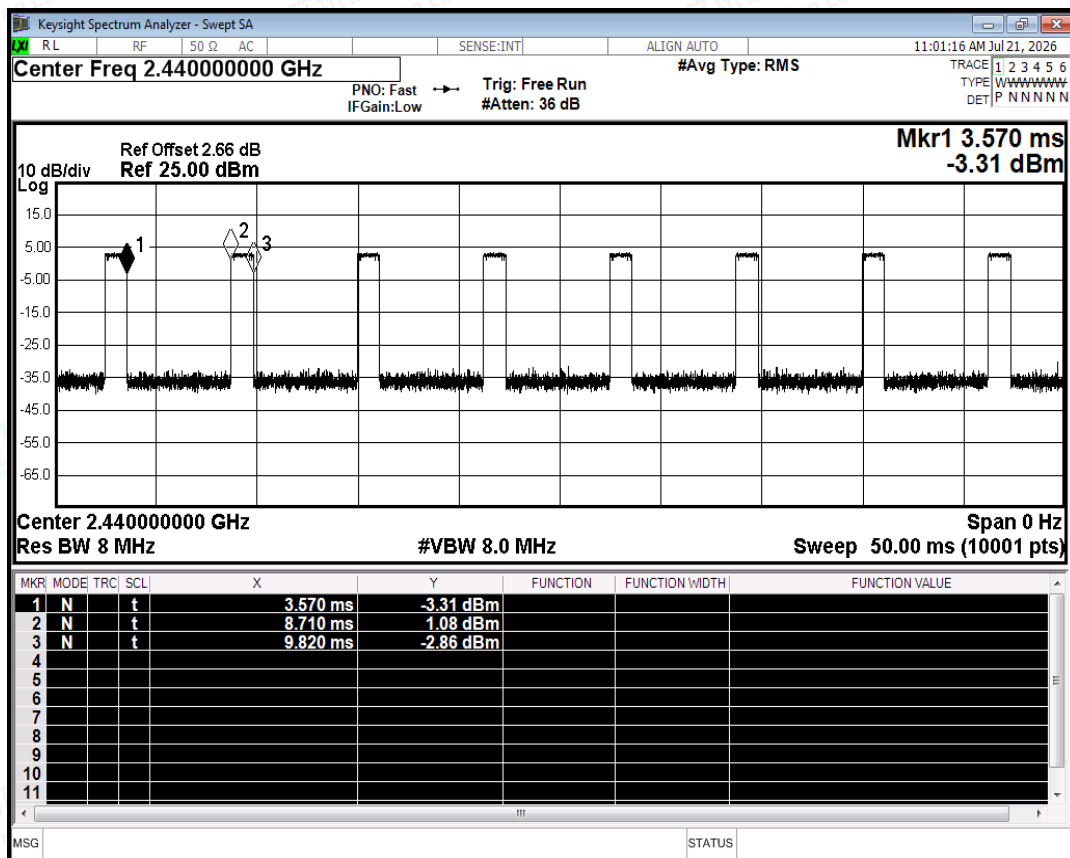
Duty Cycle NVNT 2.4G_1M_GFSK 2480MHz Ant1



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Duty Cycle NVNT 2.4G_1M_QPSK 2402MHz Ant1

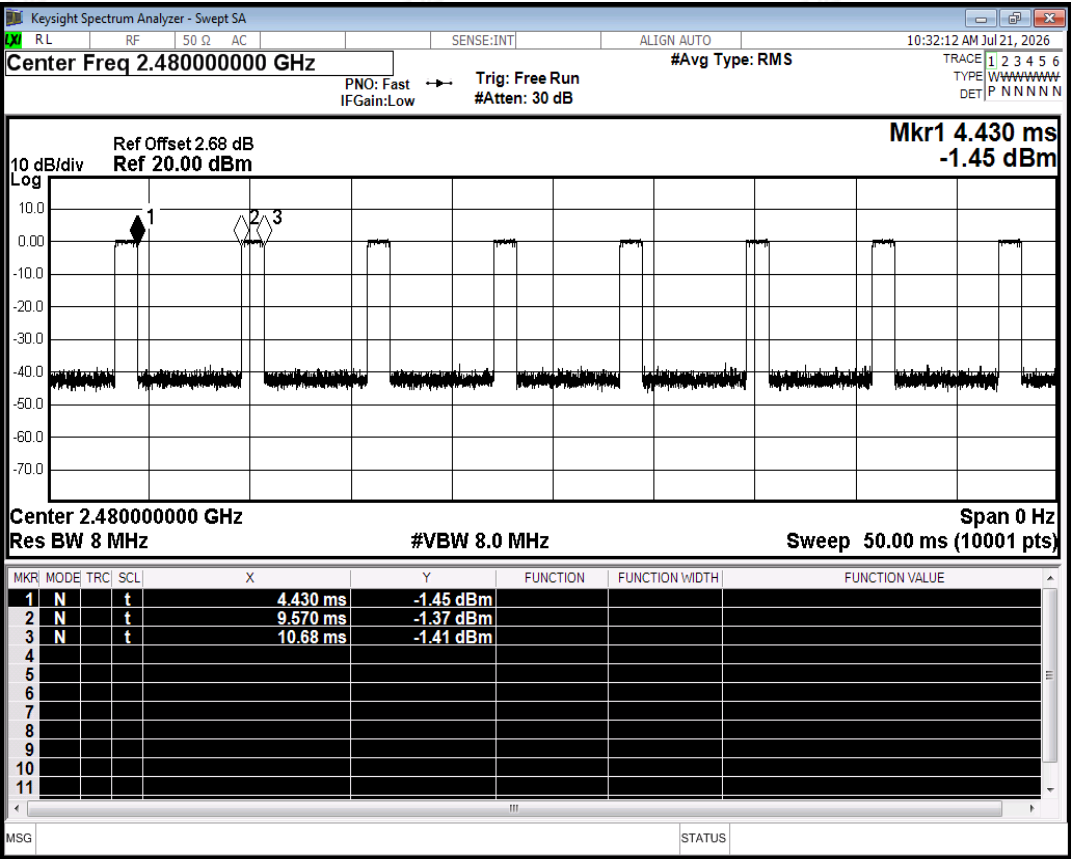


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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

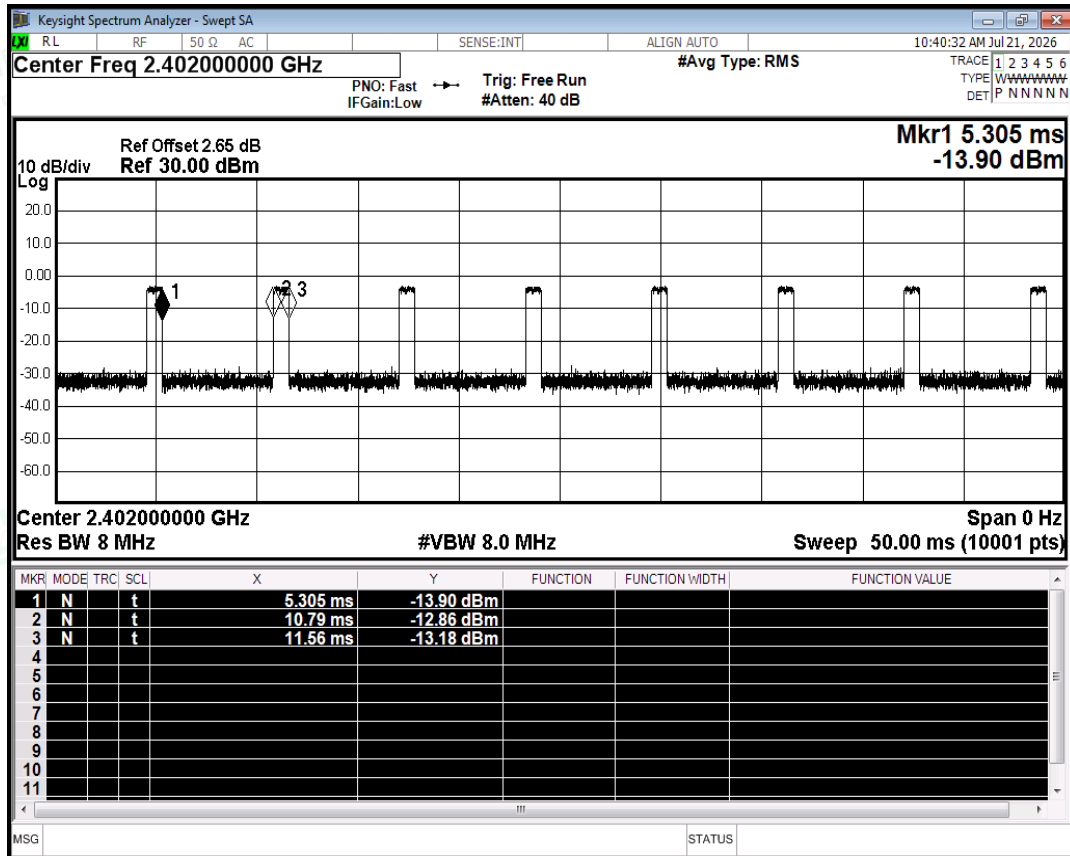
Duty Cycle NVNT 2.4G_1M_QPSK 2440MHz Ant1



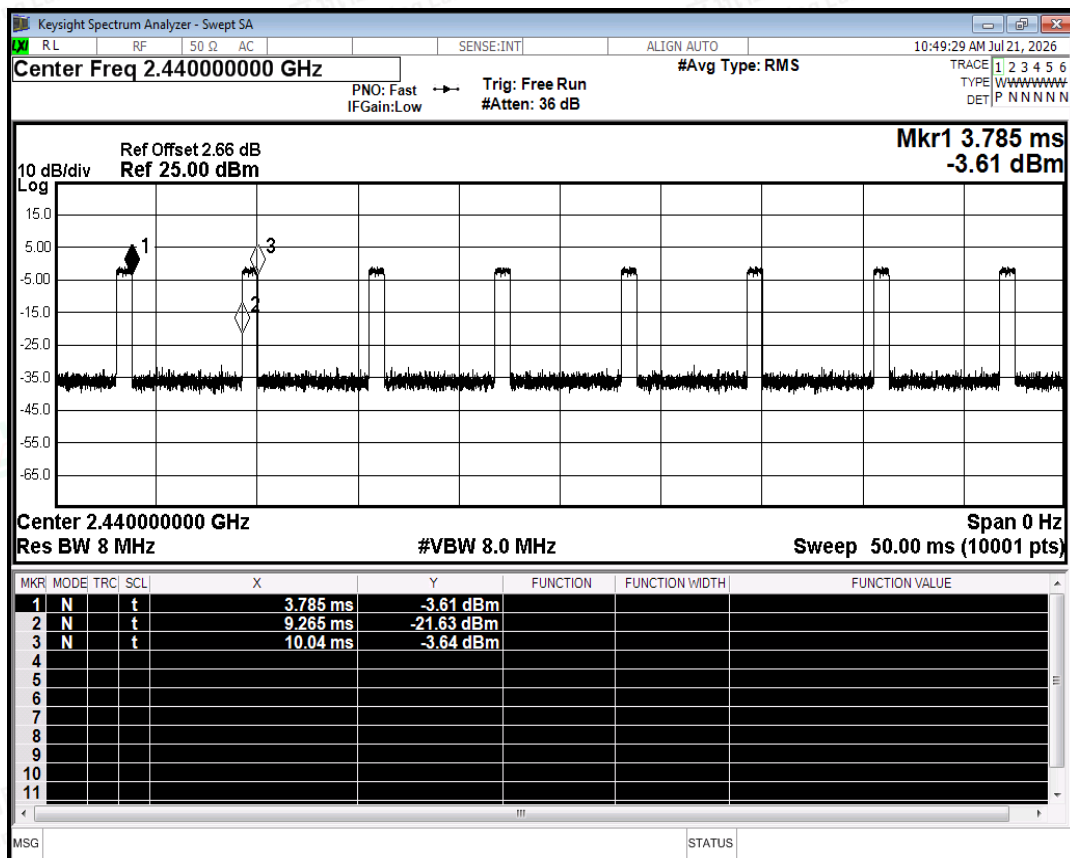
Duty Cycle NVNT 2.4G_1M_QPSK 2480MHz Ant1



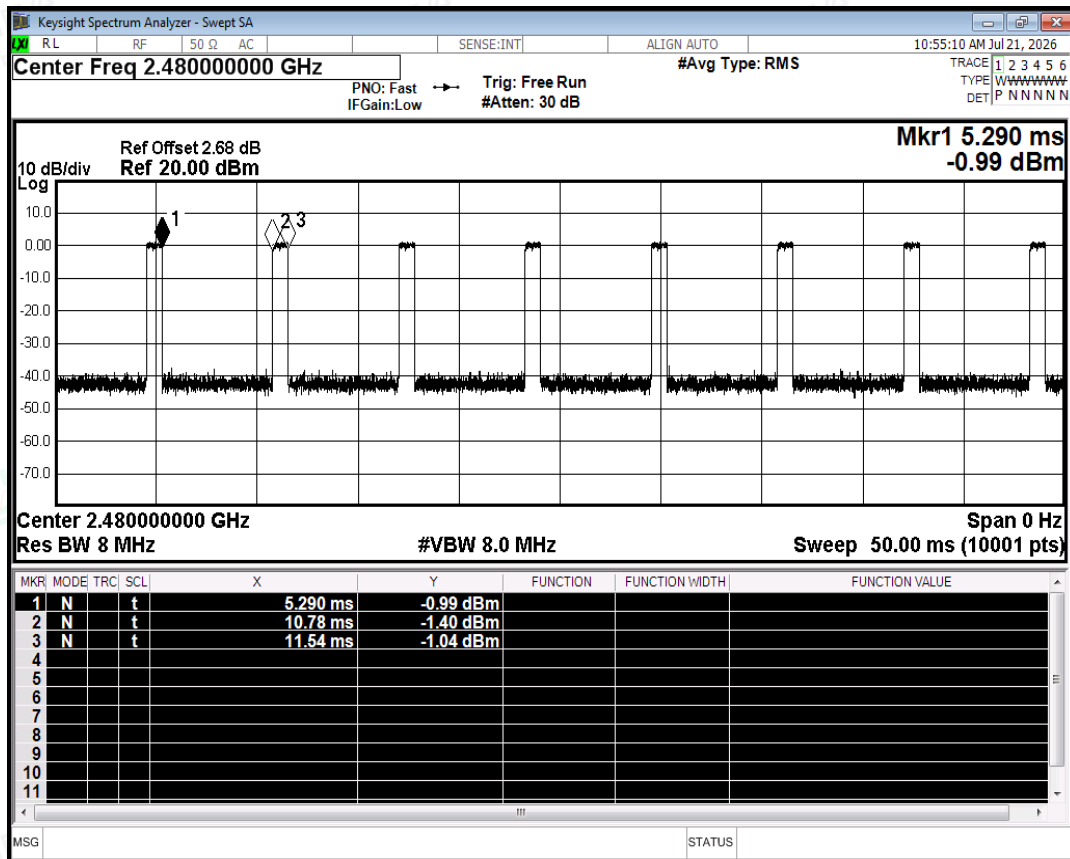
LCS-202006016EA



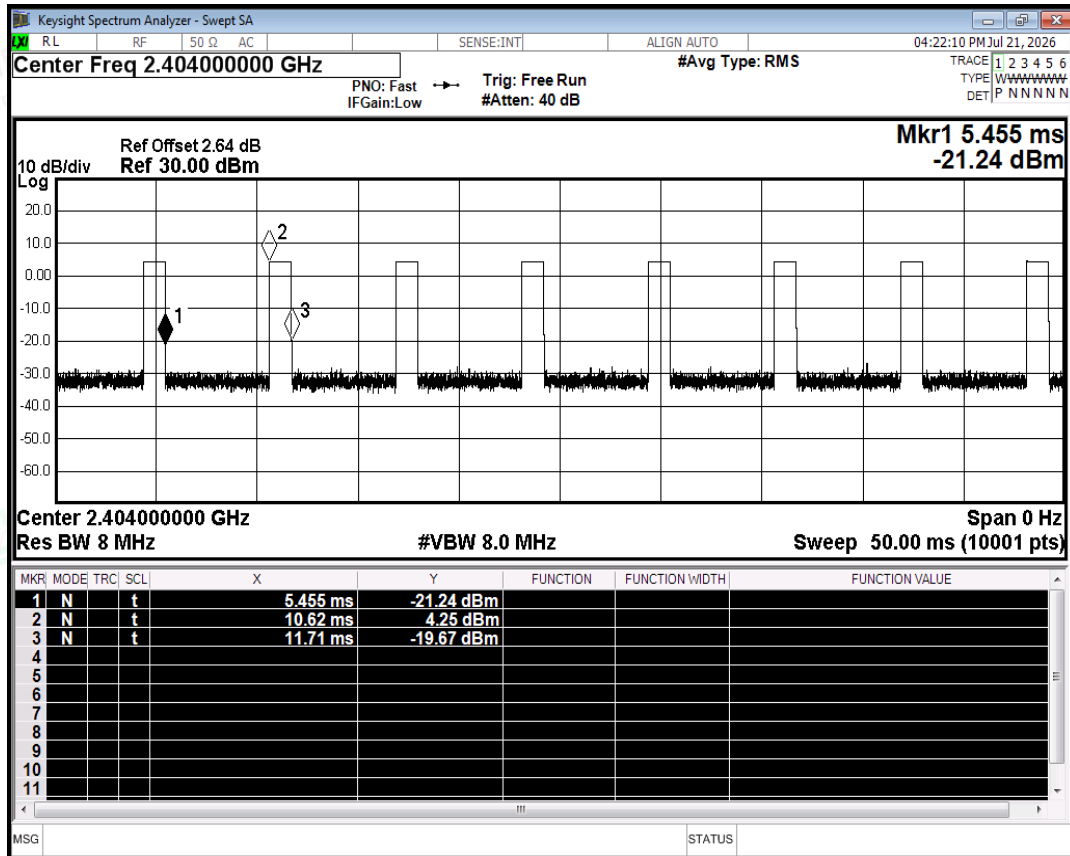
Duty Cycle NVNT 2.4G_1M_8PSK 2402MHz Ant1



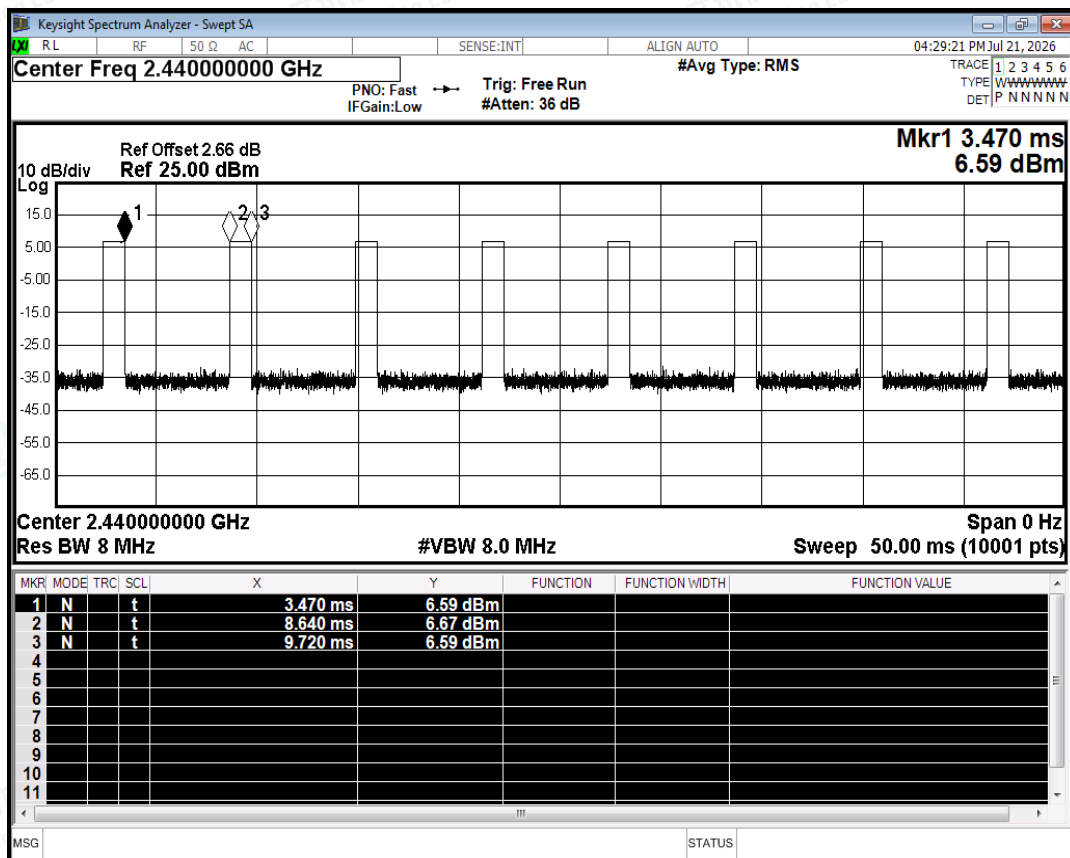
Duty Cycle NVNT 2.4G_1M_8PSK 2440MHz Ant1



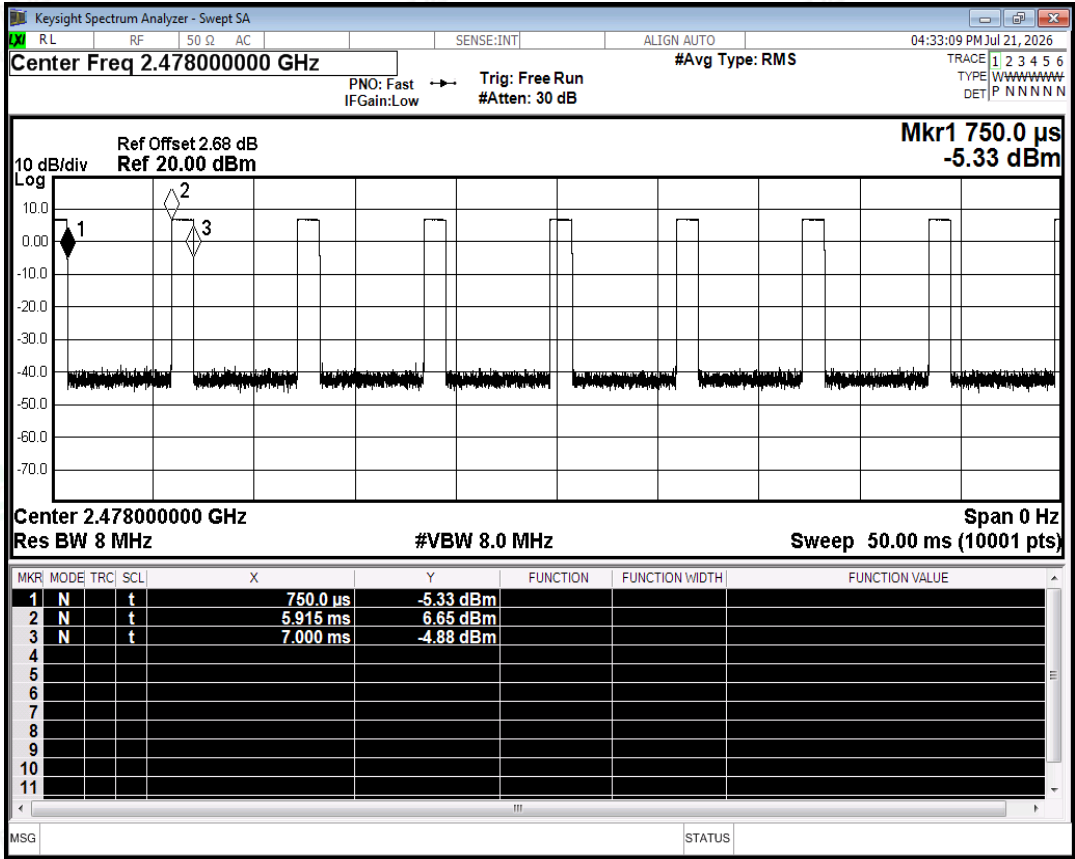
Duty Cycle NVNT 2.4G_1M_8PSK 2480MHz Ant1



Duty Cycle NVNT 2.4G_2M_GFSK 2404MHz Ant1



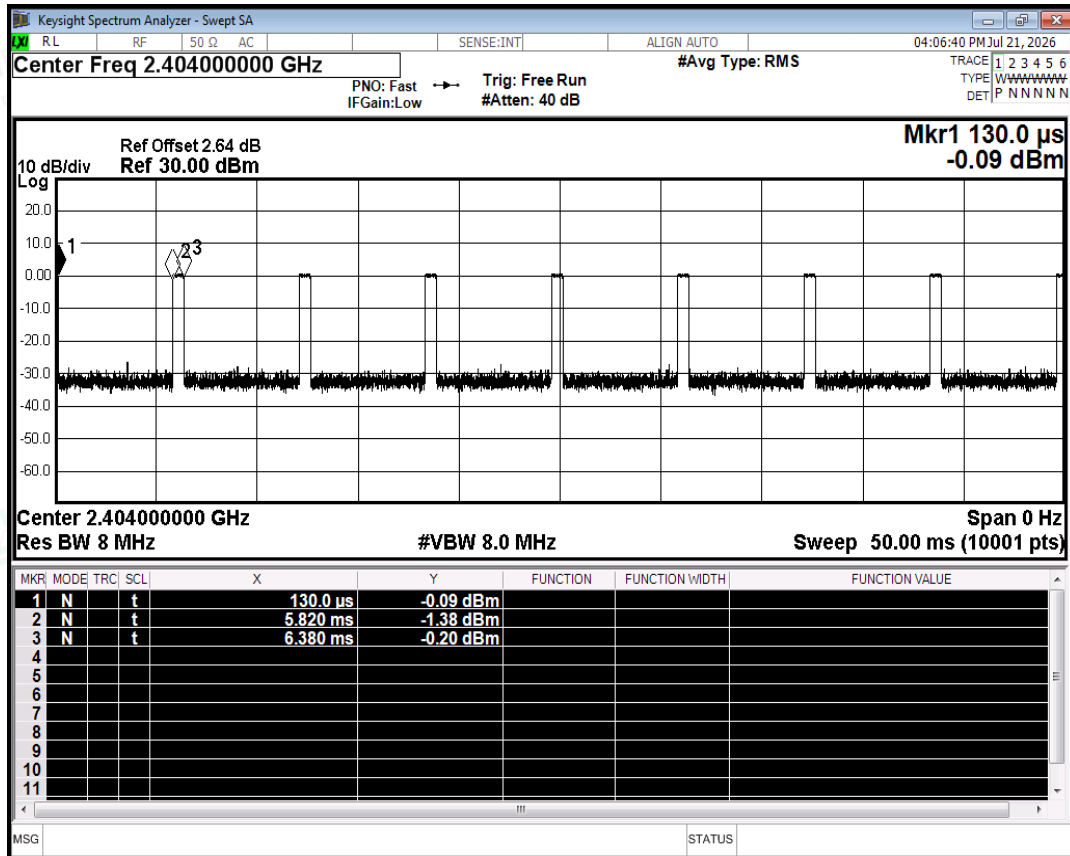
Duty Cycle NVNT 2.4G_2M_GFSK 2440MHz Ant1



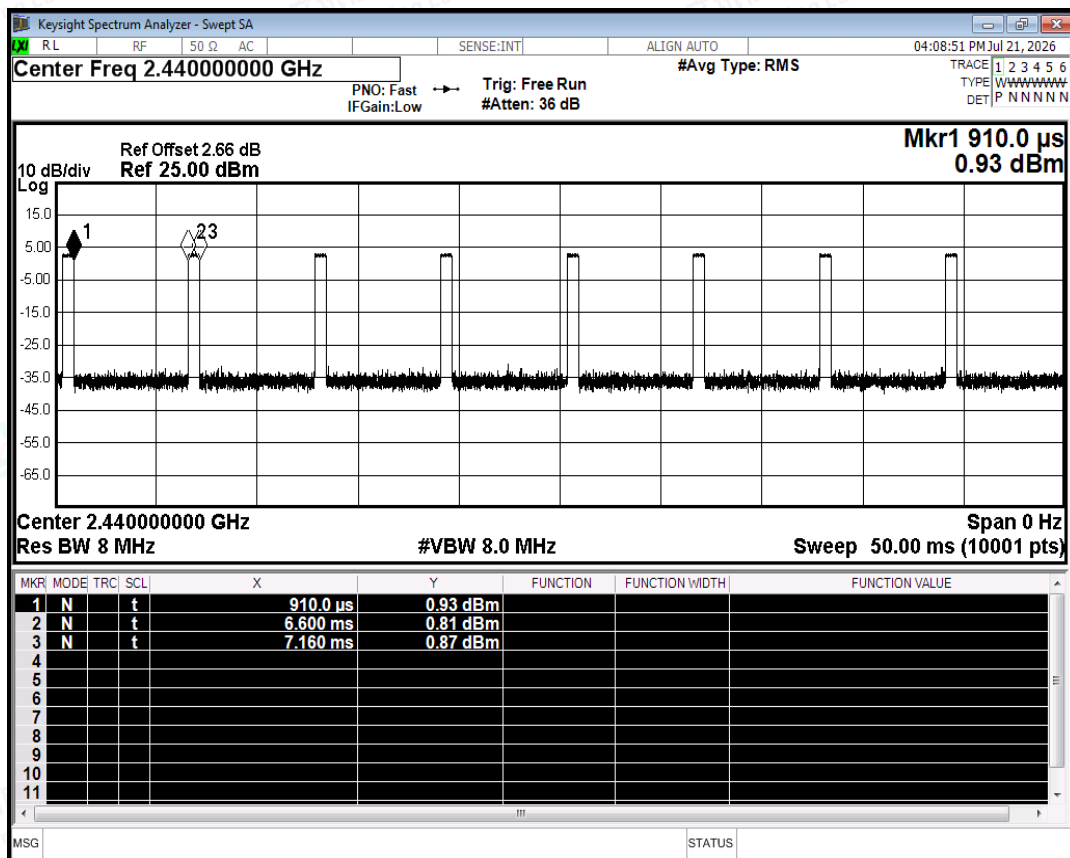
Duty Cycle NVNT 2.4G_2M_GFSK 2478MHz Ant1



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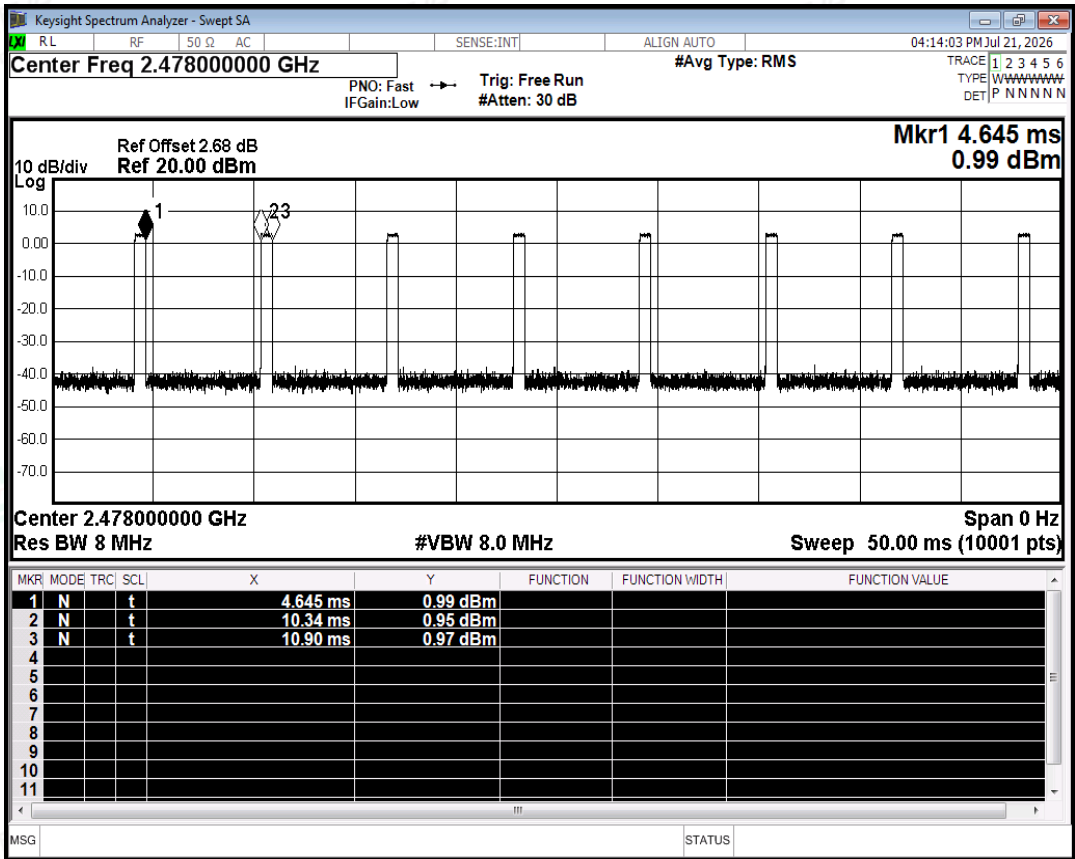
Duty Cycle NVNT 2.4G_2M_QPSK 2404MHz Ant1



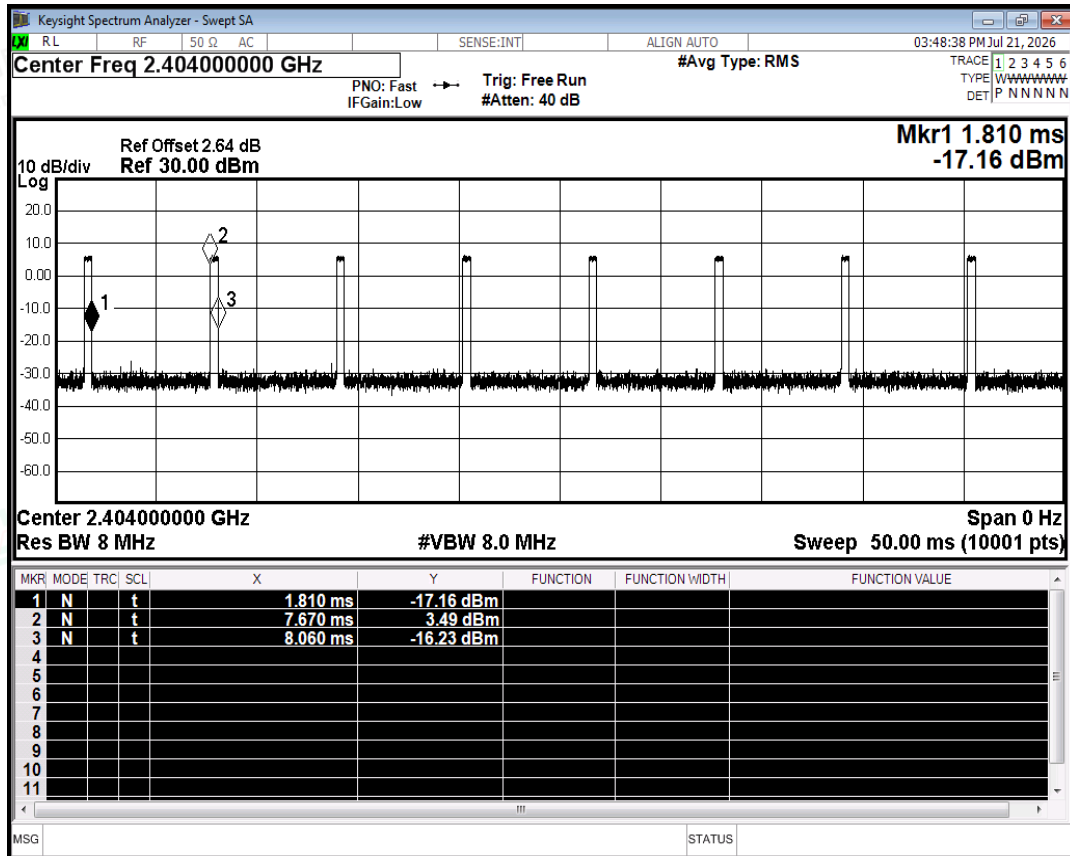


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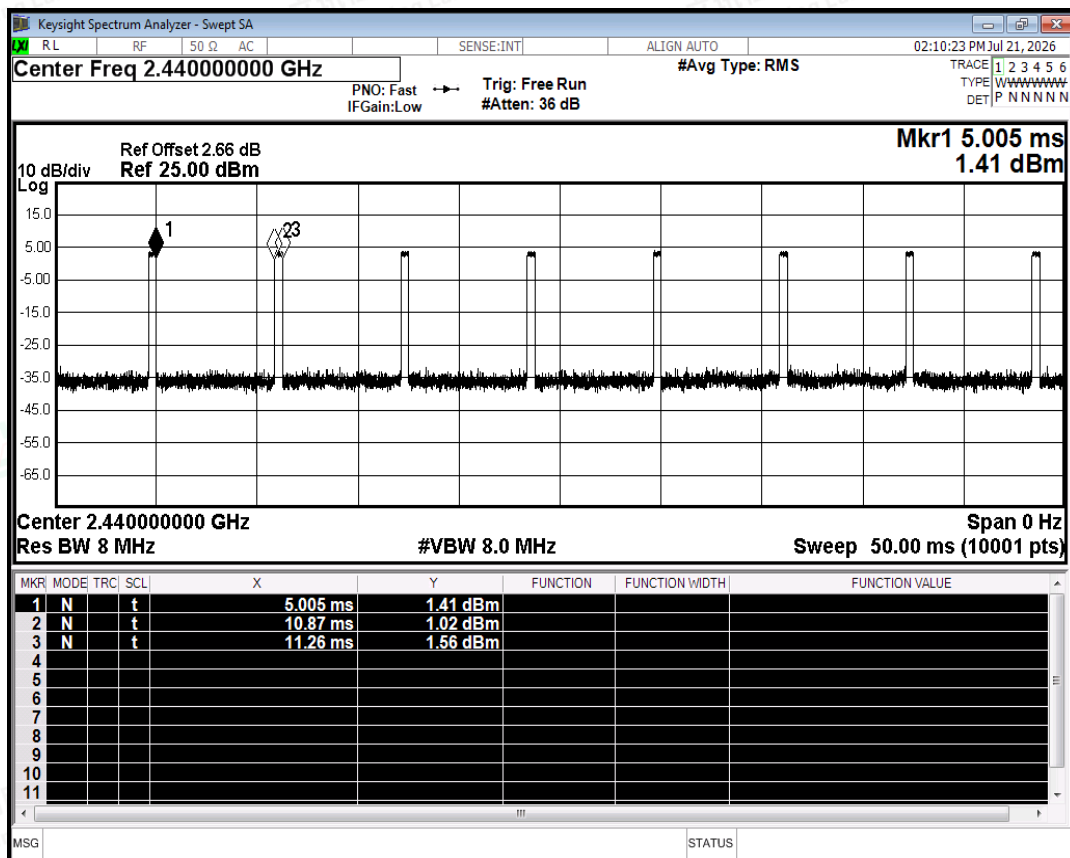
Duty Cycle NVNT 2.4G_2M_QPSK 2440MHz Ant1



Duty Cycle NVNT 2.4G_2M_QPSK 2478MHz Ant1



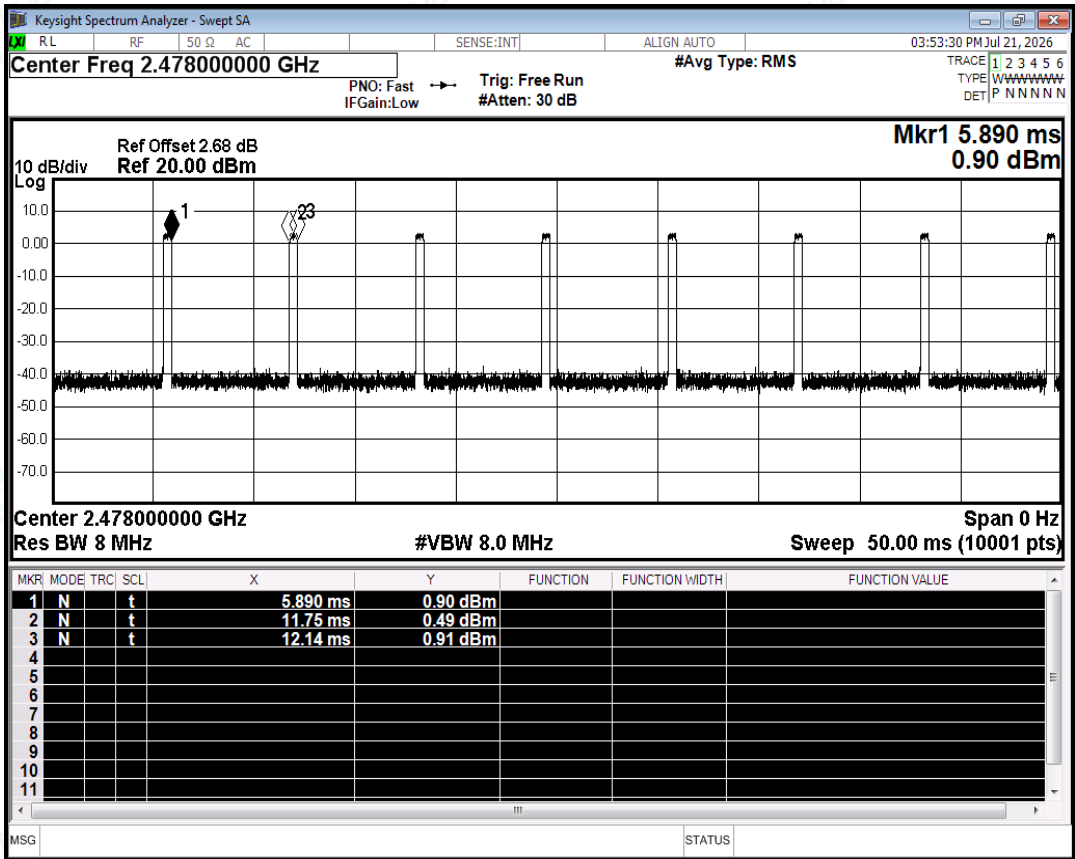
Duty Cycle NVNT 2.4G_2M_8PSK 2404MHz Ant1



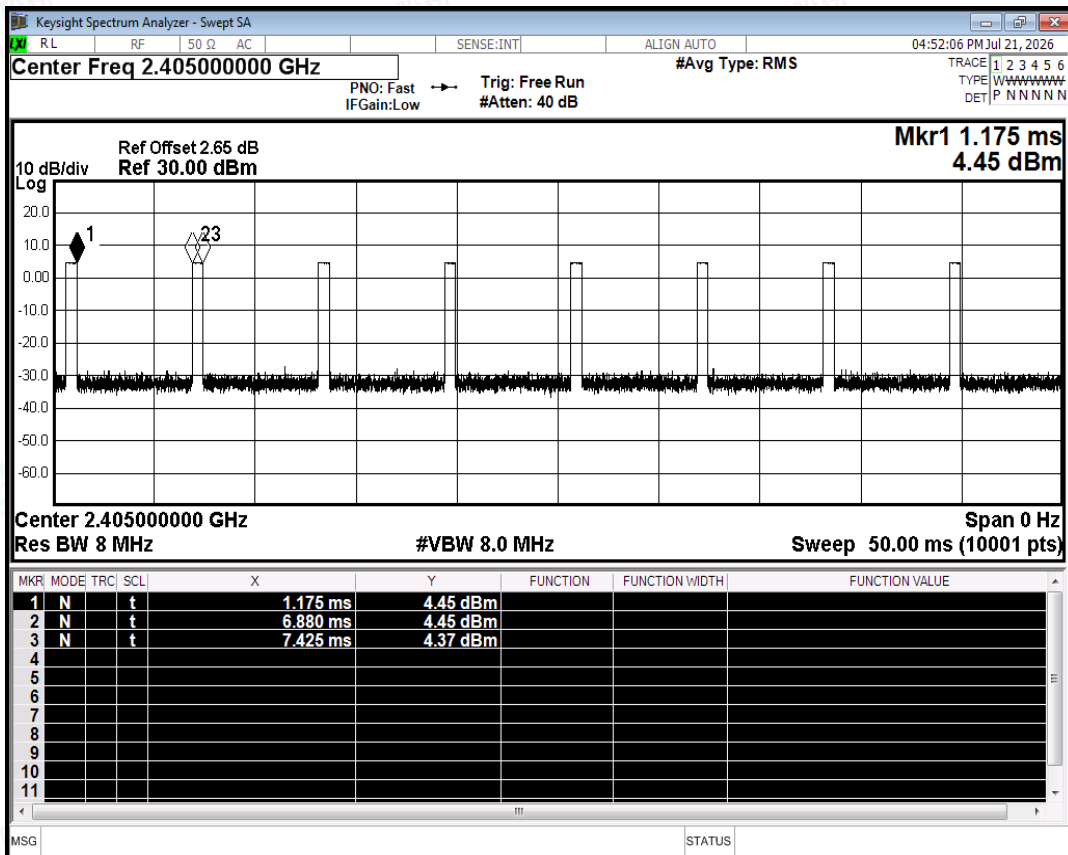
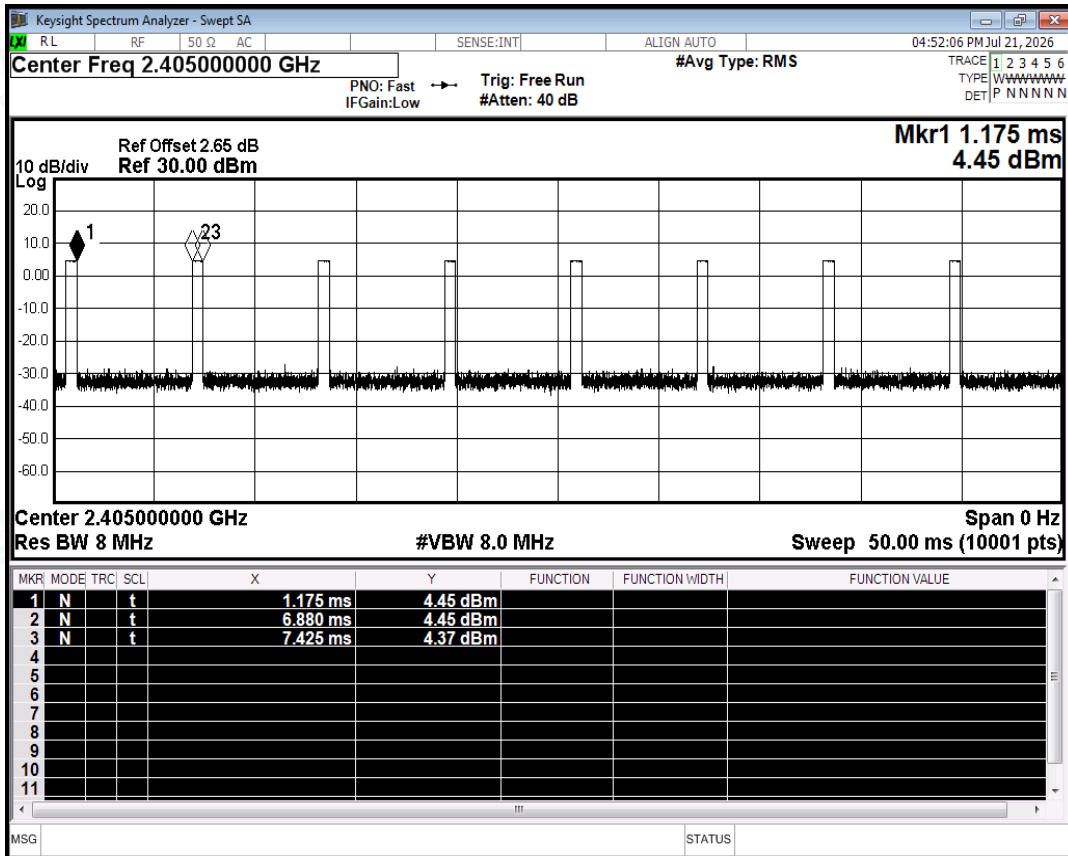


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Duty Cycle NVNT 2.4G_2M_8PSK 2440MHz Ant1

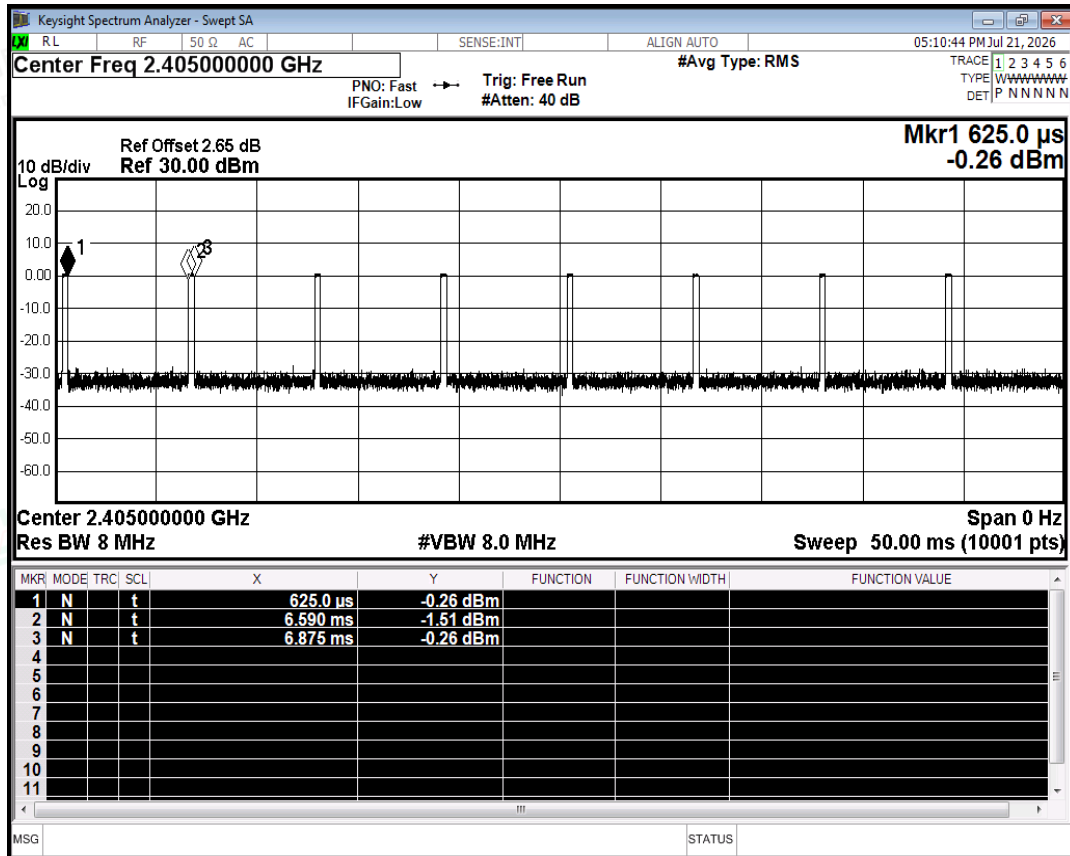


Duty Cycle NVNT 2.4G_2M_8PSK 2478MHz Ant1





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Duty Cycle NVNT 2.4G_4M_QPSK 2405MHz Ant1

