

FCC Appendix RF Test Data for 2.4GWIFI

FCC ID : 2A4GN-N6

Company: : Shenzhen Ruiying Electronic Co., Ltd

EUT : Projector

Model Number : N5

Report No. : CTA25072501503

Reviewed By : Eric Wang

1 -6dB Bandwidth

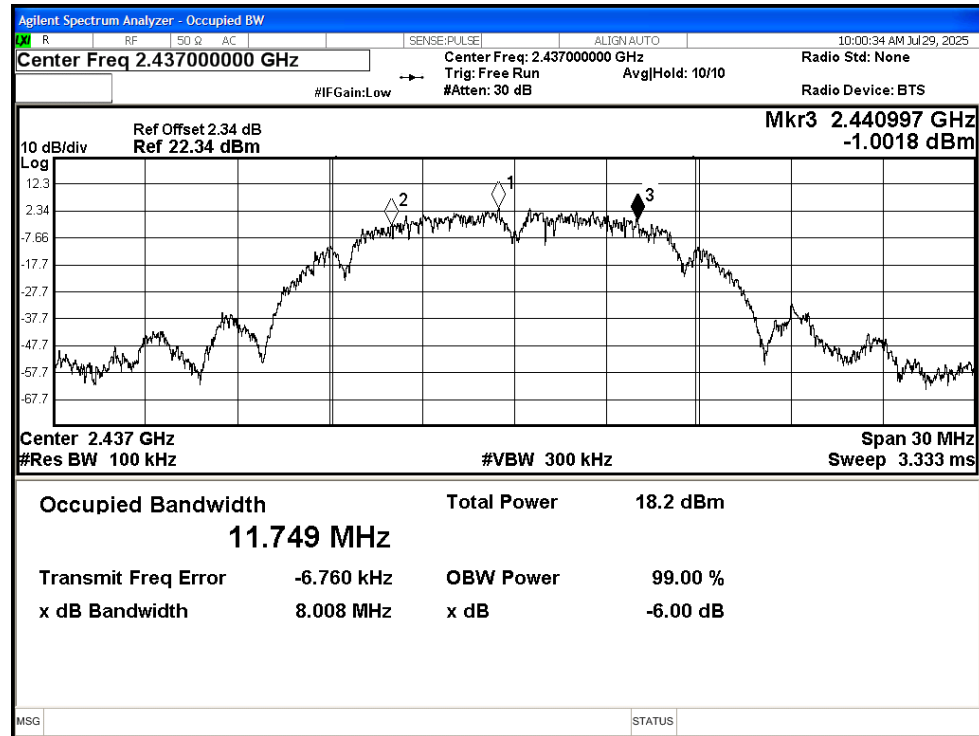
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	7.103	≥ 0.5	Pass
NVNT	b	2437	Ant1	8.008	≥ 0.5	Pass
NVNT	b	2462	Ant1	6.927	≥ 0.5	Pass
NVNT	g	2412	Ant1	16.33	≥ 0.5	Pass
NVNT	g	2437	Ant1	16.393	≥ 0.5	Pass
NVNT	g	2462	Ant1	16.284	≥ 0.5	Pass
NVNT	n20	2412	Ant1	17.275	≥ 0.5	Pass
NVNT	n20	2437	Ant1	17.325	≥ 0.5	Pass
NVNT	n20	2462	Ant1	16.799	≥ 0.5	Pass
NVNT	n40	2422	Ant1	35.328	≥ 0.5	Pass
NVNT	n40	2437	Ant1	34.606	≥ 0.5	Pass
NVNT	n40	2452	Ant1	34.768	≥ 0.5	Pass
NVNT	ax20	2412	Ant1	17.284	≥ 0.5	Pass
NVNT	ax20	2437	Ant1	16.98	≥ 0.5	Pass
NVNT	ax20	2462	Ant1	17.026	≥ 0.5	Pass
NVNT	ax40	2422	Ant1	35.748	≥ 0.5	Pass
NVNT	ax40	2437	Ant1	35.568	≥ 0.5	Pass
NVNT	ax40	2452	Ant1	35.381	≥ 0.5	Pass

Test Graphs

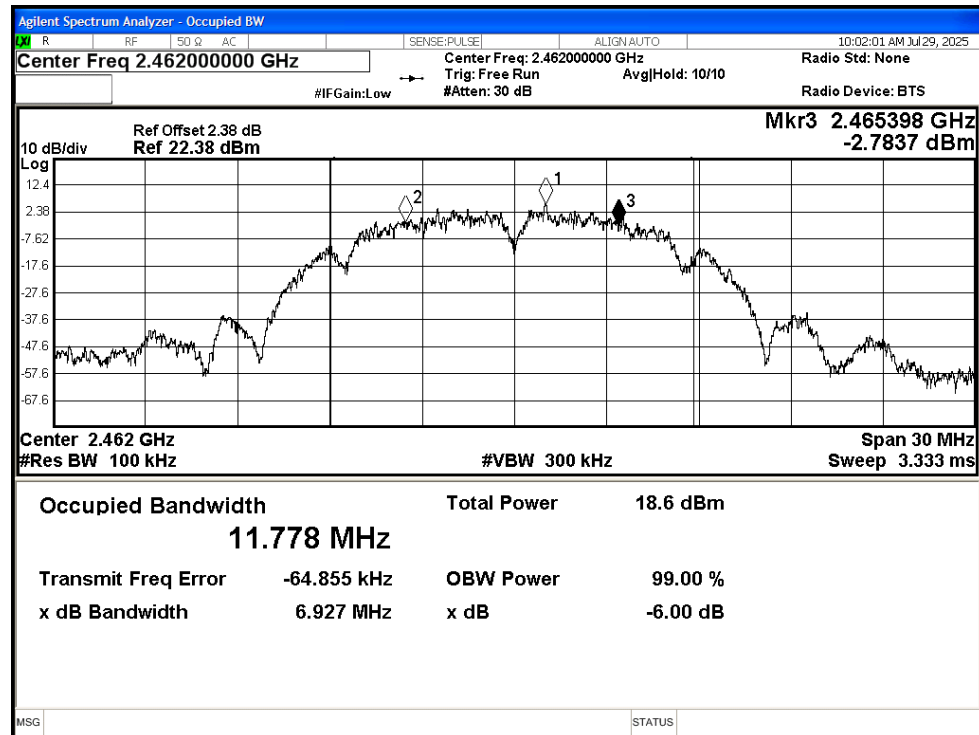
-6dB Bandwidth NVNT b 2412MHz Ant1



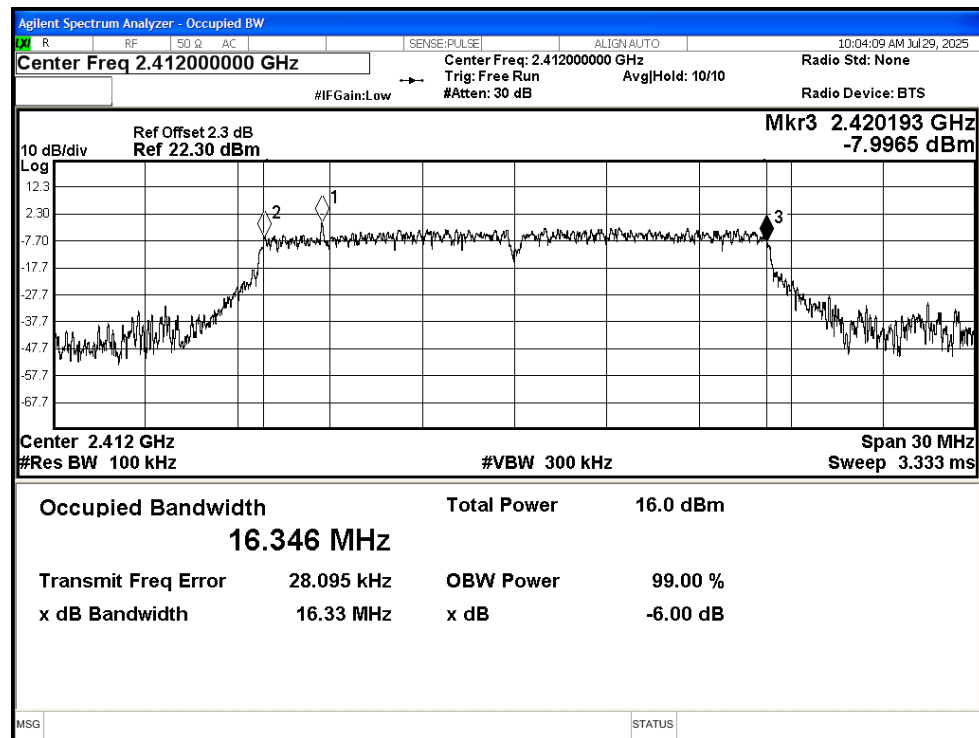
-6dB Bandwidth NVNT b 2437MHz Ant1



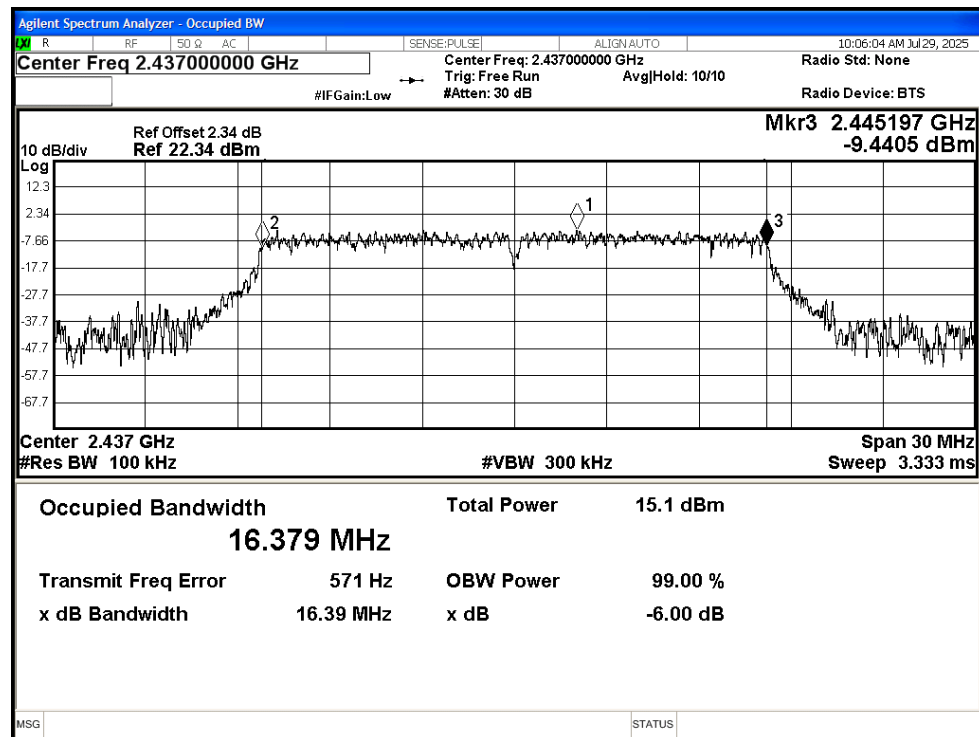
-6dB Bandwidth NVNT b 2462MHz Ant1



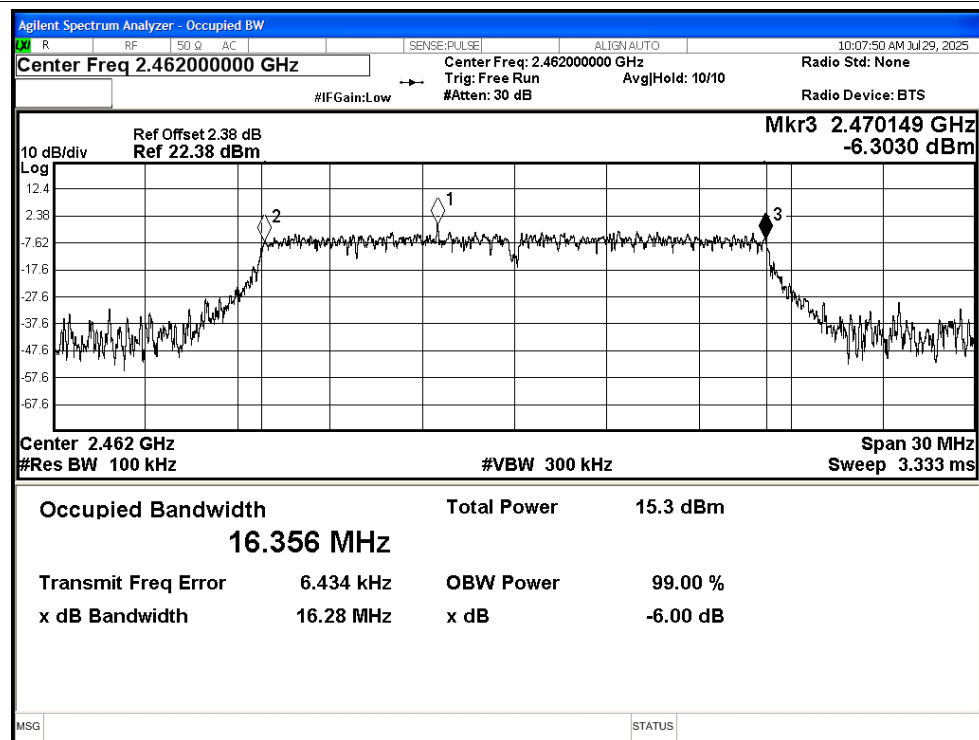
-6dB Bandwidth NVNT g 2412MHz Ant1



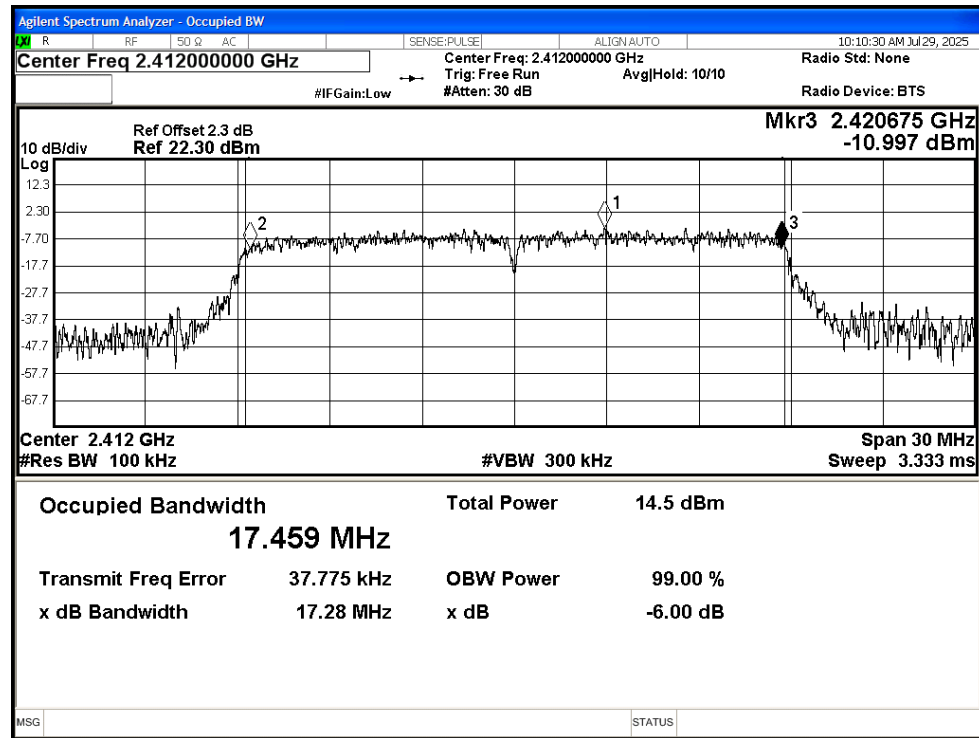
-6dB Bandwidth NVNT g 2437MHz Ant1



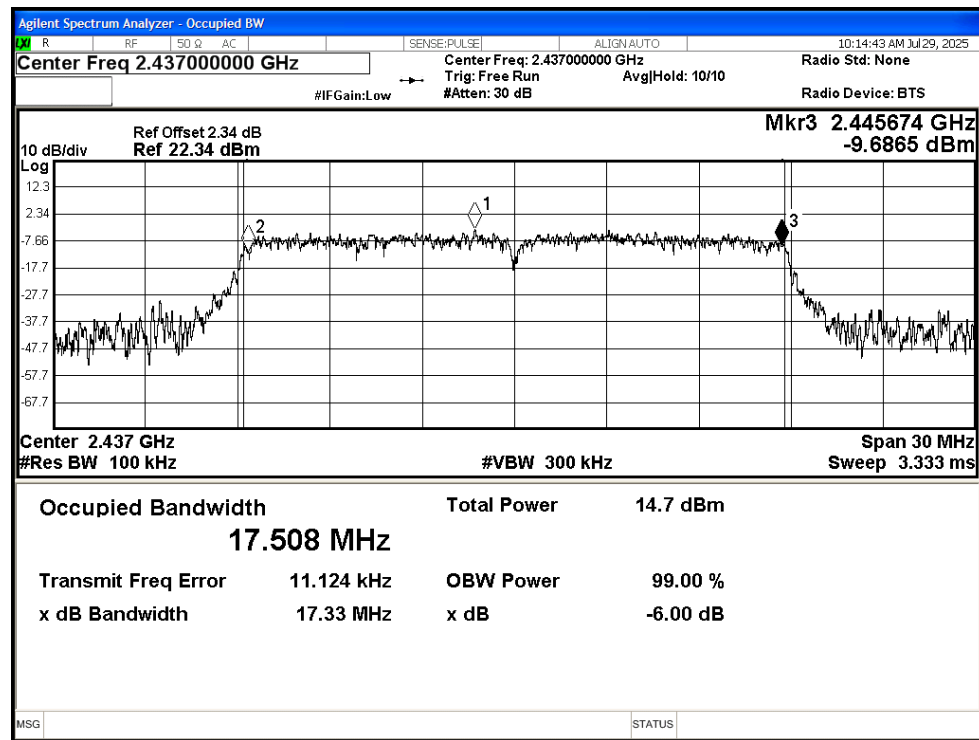
-6dB Bandwidth NVNT g 2462MHz Ant1



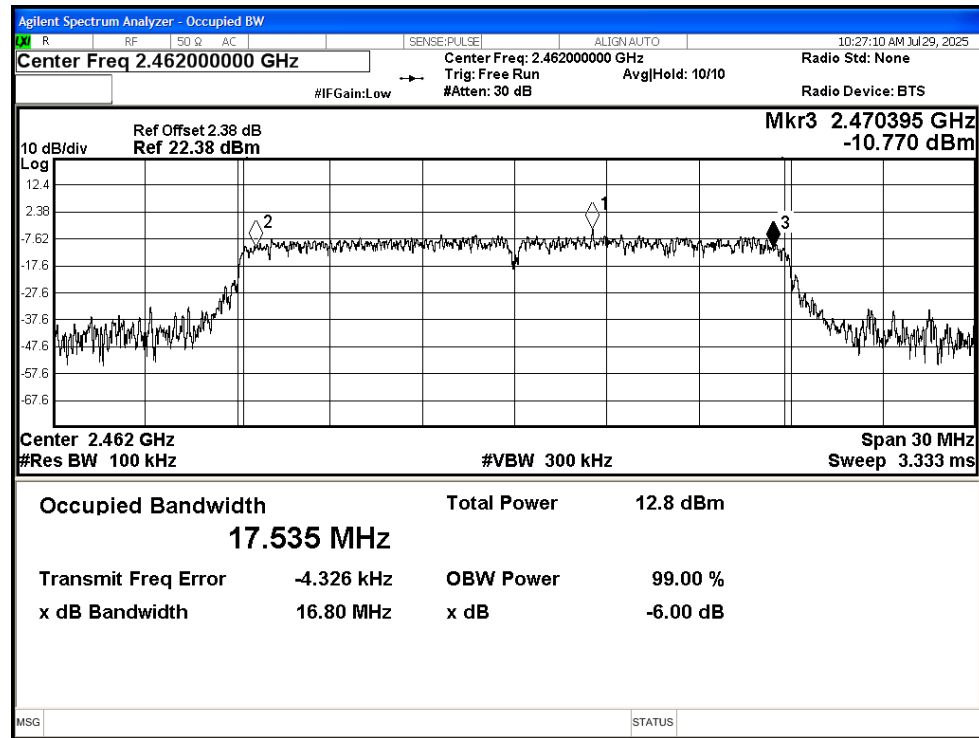
-6dB Bandwidth NVNT n20 2412MHz Ant1



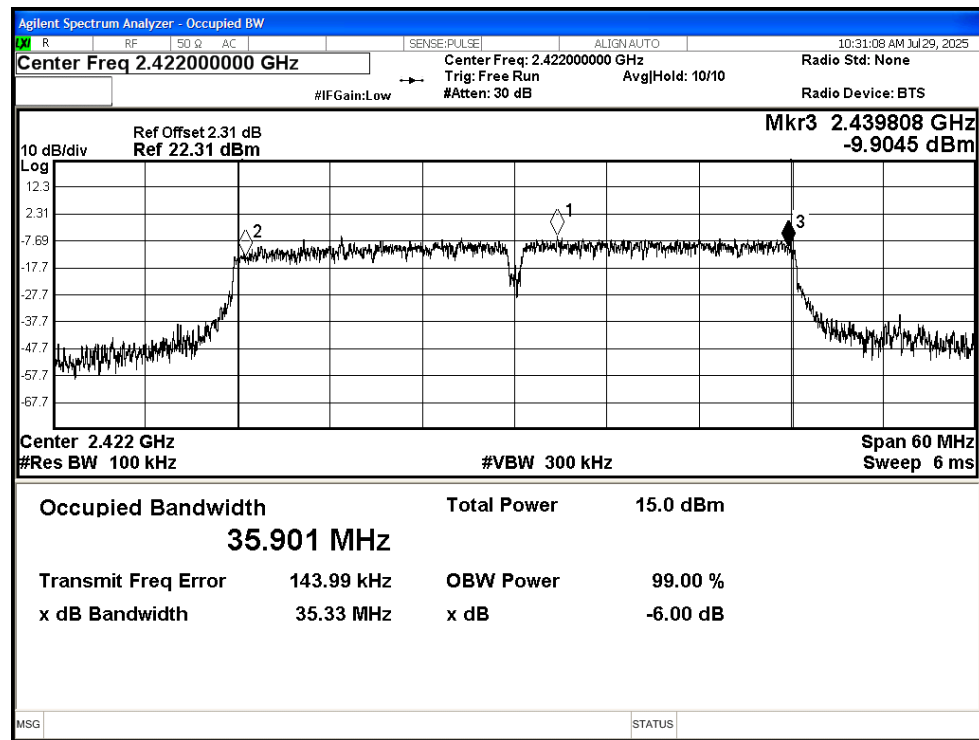
-6dB Bandwidth NVNT n20 2437MHz Ant1



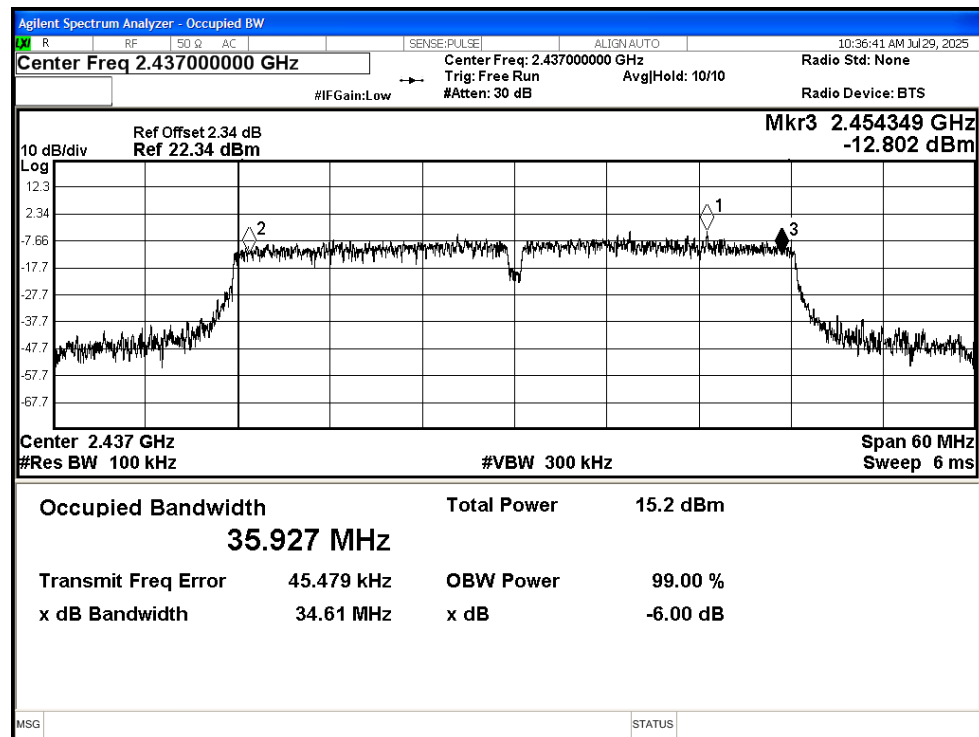
-6dB Bandwidth NVNT n20 2462MHz Ant1



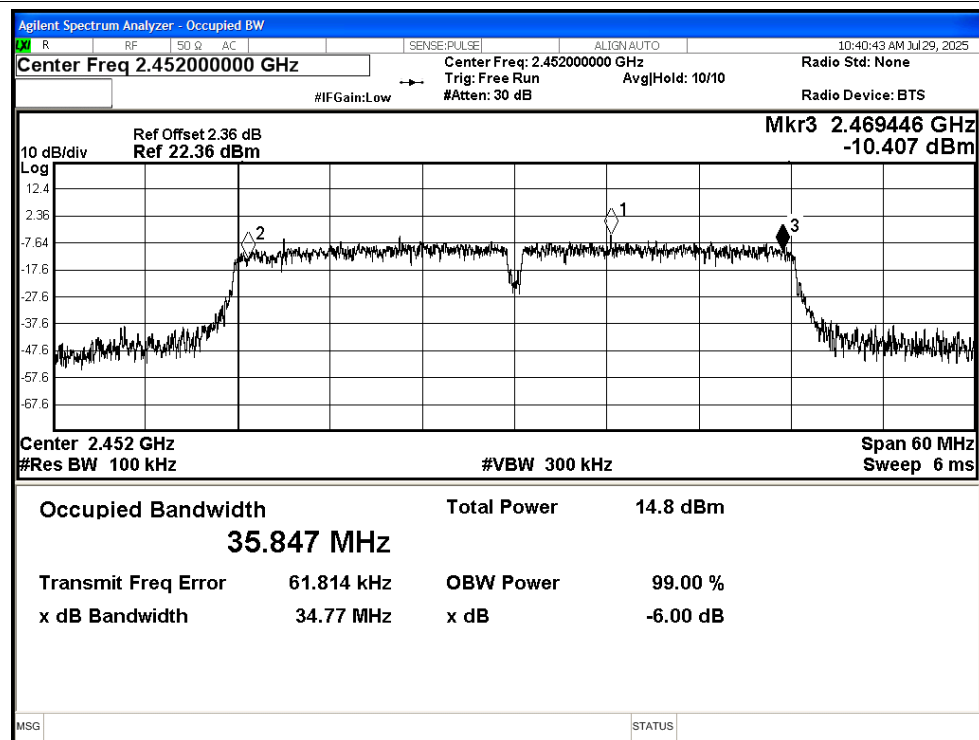
-6dB Bandwidth NVNT n40 2422MHz Ant1



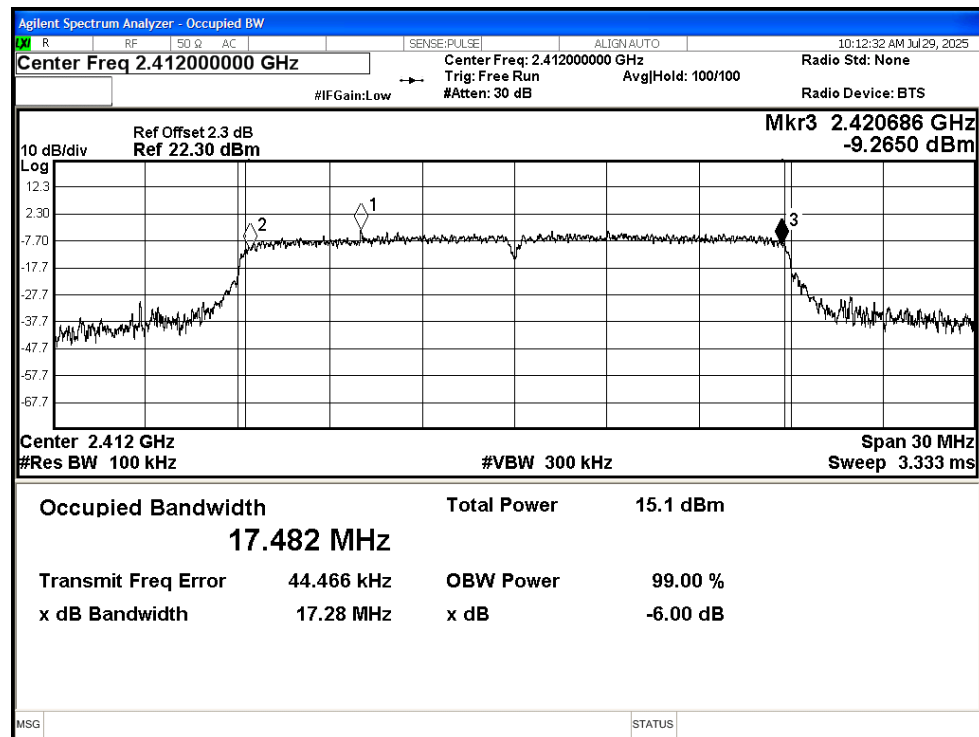
-6dB Bandwidth NVNT n40 2437MHz Ant1



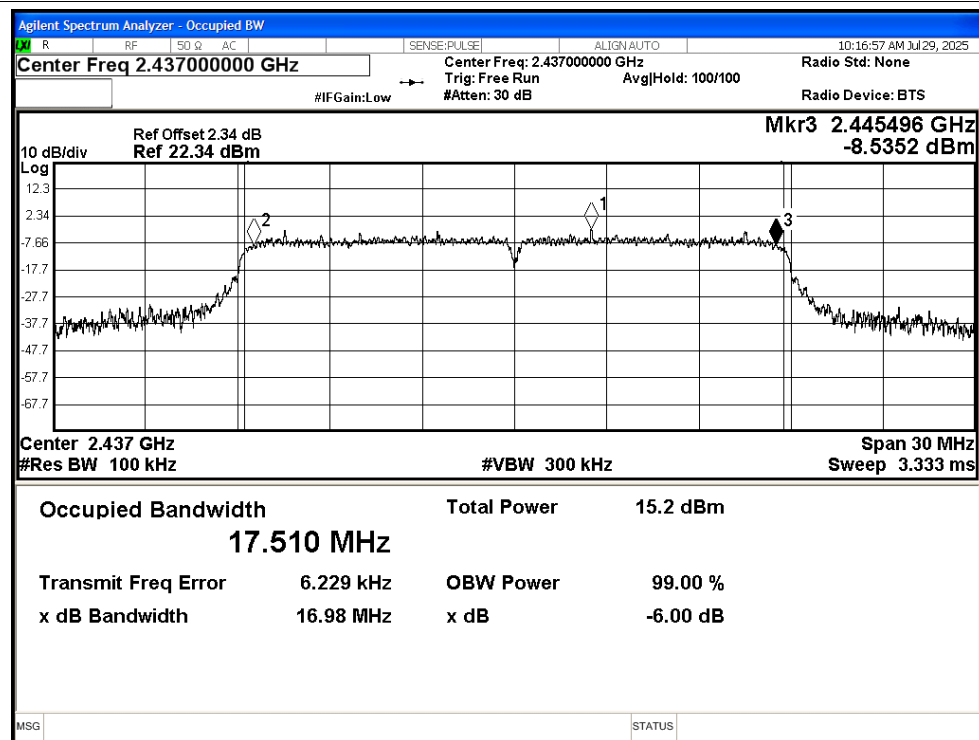
-6dB Bandwidth NVNT n40 2452MHz Ant1



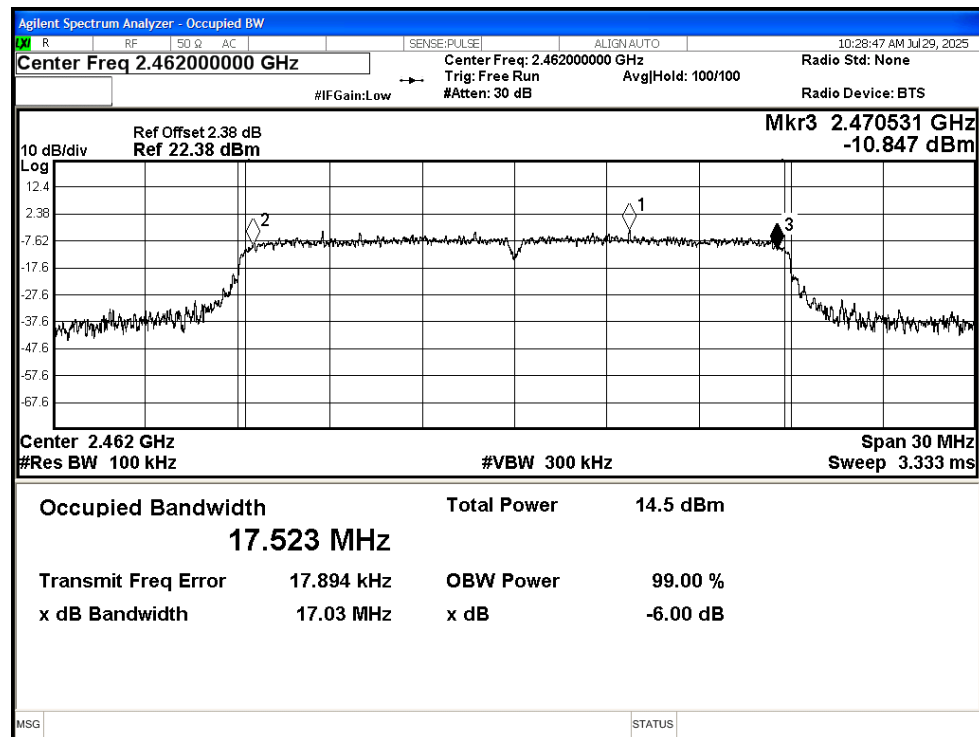
-6dB Bandwidth NVNT ax20 2412MHz Ant1



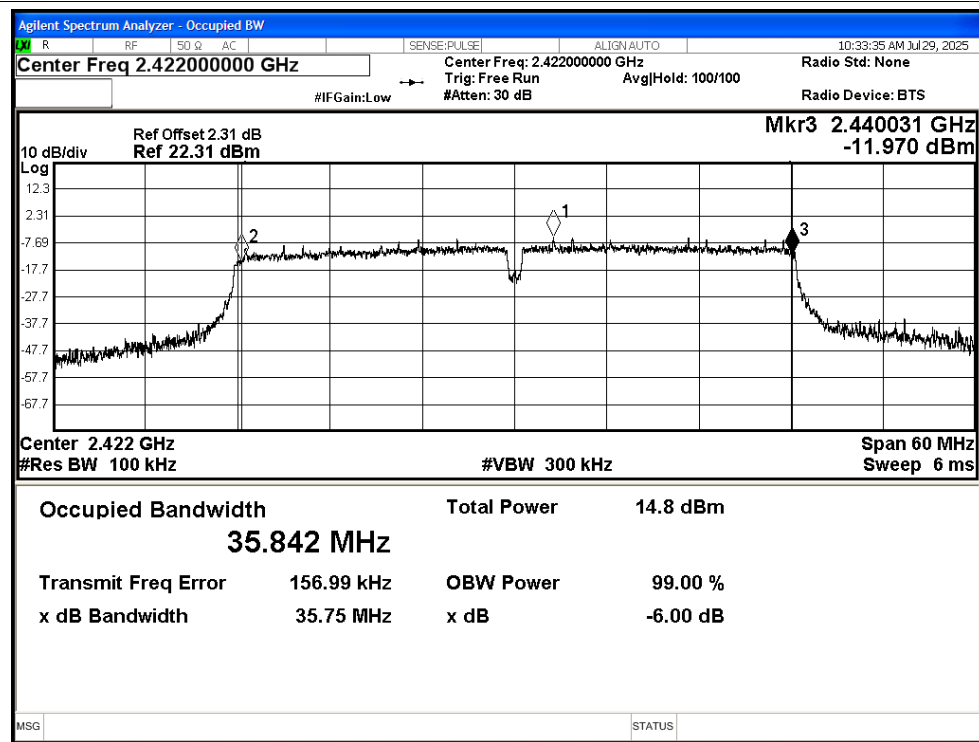
-6dB Bandwidth NVNT ax20 2437MHz Ant1



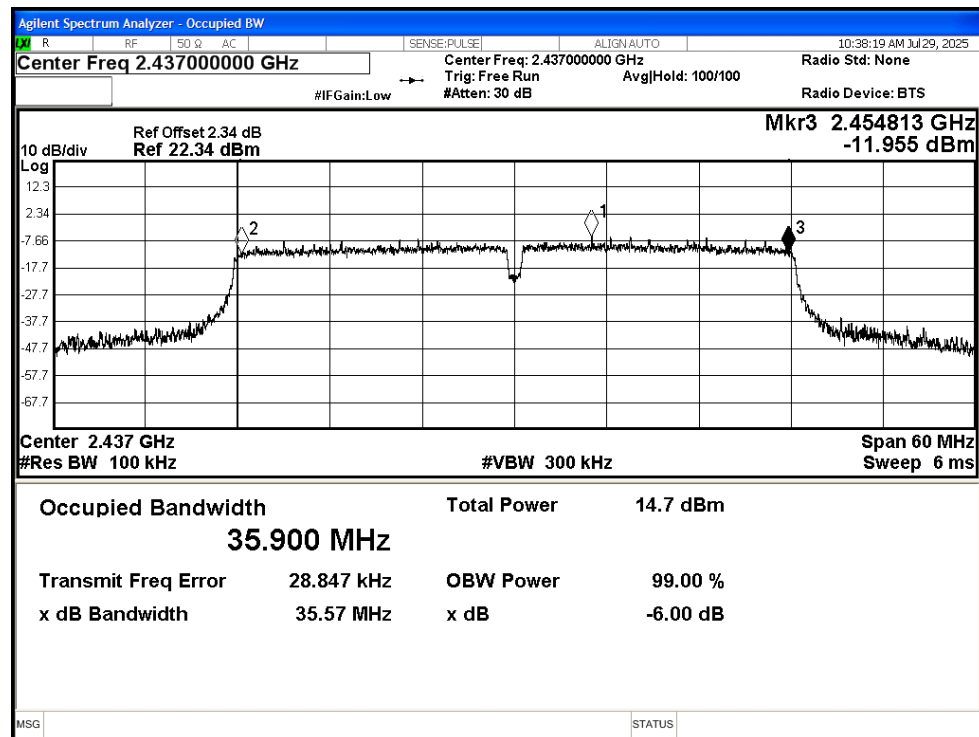
-6dB Bandwidth NVNT ax20 2462MHz Ant1



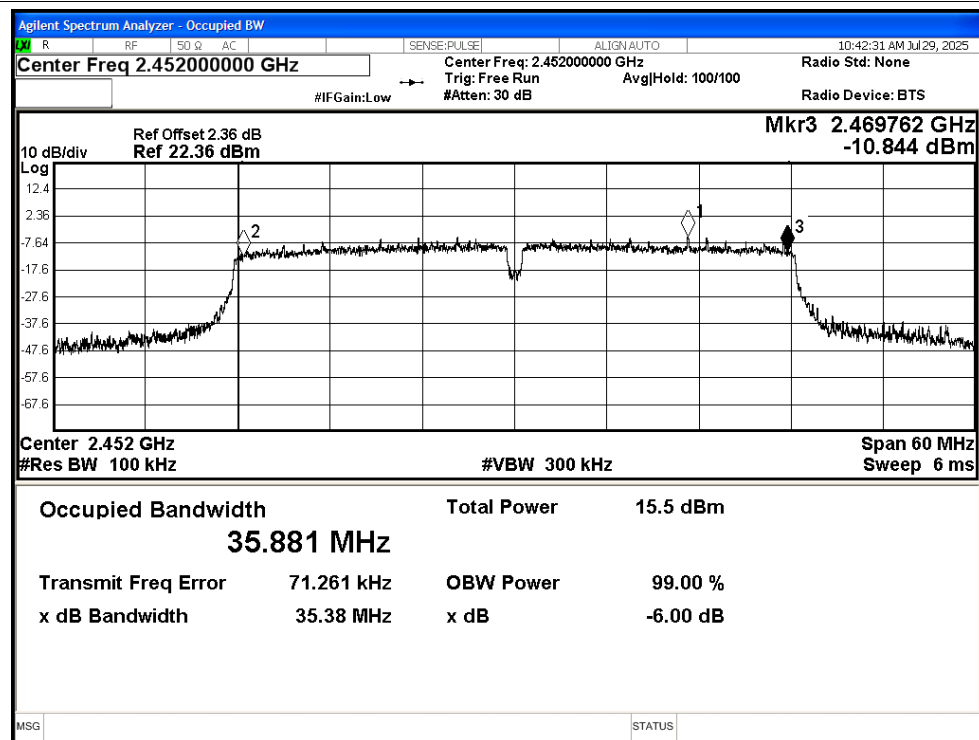
-6dB Bandwidth NVNT ax40 2422MHz Ant1



-6dB Bandwidth NVNT ax40 2437MHz Ant1



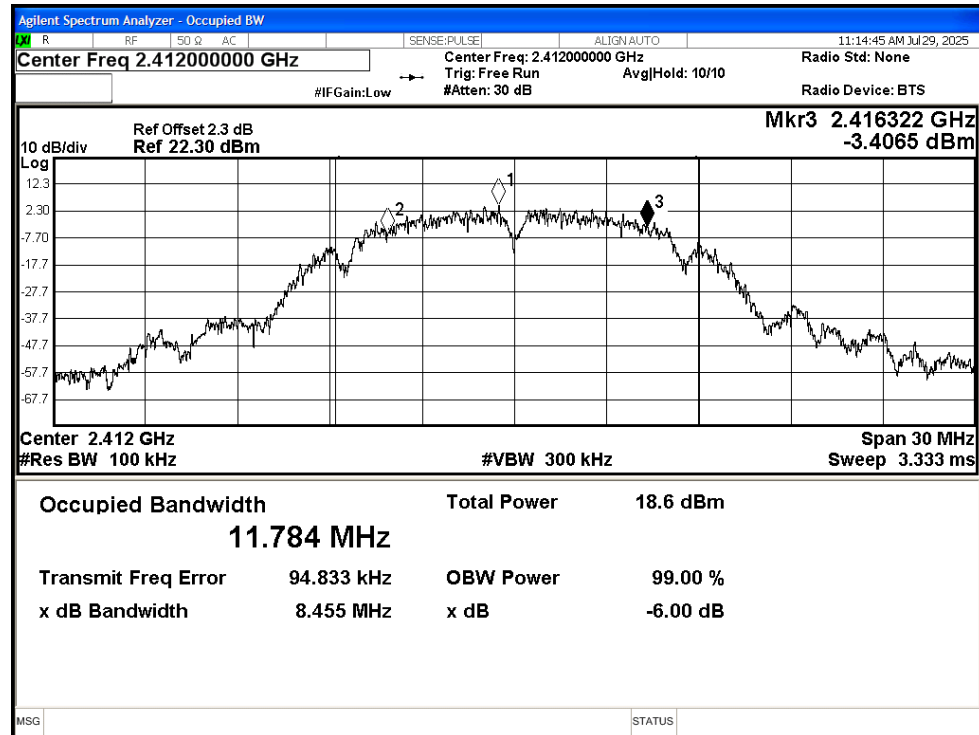
-6dB Bandwidth NVNT ax40 2452MHz Ant1



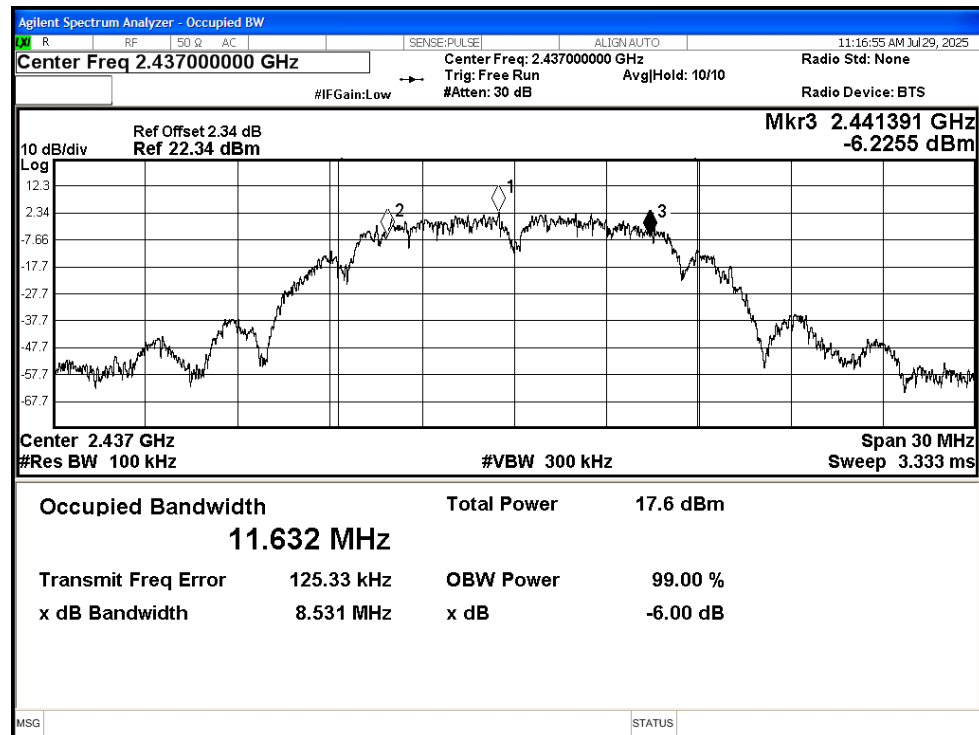
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant2	8.455	≥ 0.5	Pass
NVNT	b	2437	Ant2	8.531	≥ 0.5	Pass
NVNT	b	2462	Ant2	9.144	≥ 0.5	Pass
NVNT	g	2412	Ant2	14.747	≥ 0.5	Pass
NVNT	g	2437	Ant2	16.343	≥ 0.5	Pass
NVNT	g	2462	Ant2	16.513	≥ 0.5	Pass
NVNT	n20	2412	Ant2	17.44	≥ 0.5	Pass
NVNT	n20	2437	Ant2	17.552	≥ 0.5	Pass
NVNT	n20	2462	Ant2	17.411	≥ 0.5	Pass
NVNT	n40	2422	Ant2	35.851	≥ 0.5	Pass
NVNT	n40	2437	Ant2	35.288	≥ 0.5	Pass
NVNT	n40	2452	Ant2	36.263	≥ 0.5	Pass
NVNT	ax20	2412	Ant2	17.251	≥ 0.5	Pass
NVNT	ax20	2437	Ant2	17.441	≥ 0.5	Pass
NVNT	ax20	2462	Ant2	17.399	≥ 0.5	Pass
NVNT	ax40	2422	Ant2	34.717	≥ 0.5	Pass
NVNT	ax40	2437	Ant2	35.21	≥ 0.5	Pass
NVNT	ax40	2452	Ant2	35.017	≥ 0.5	Pass

Test Graphs

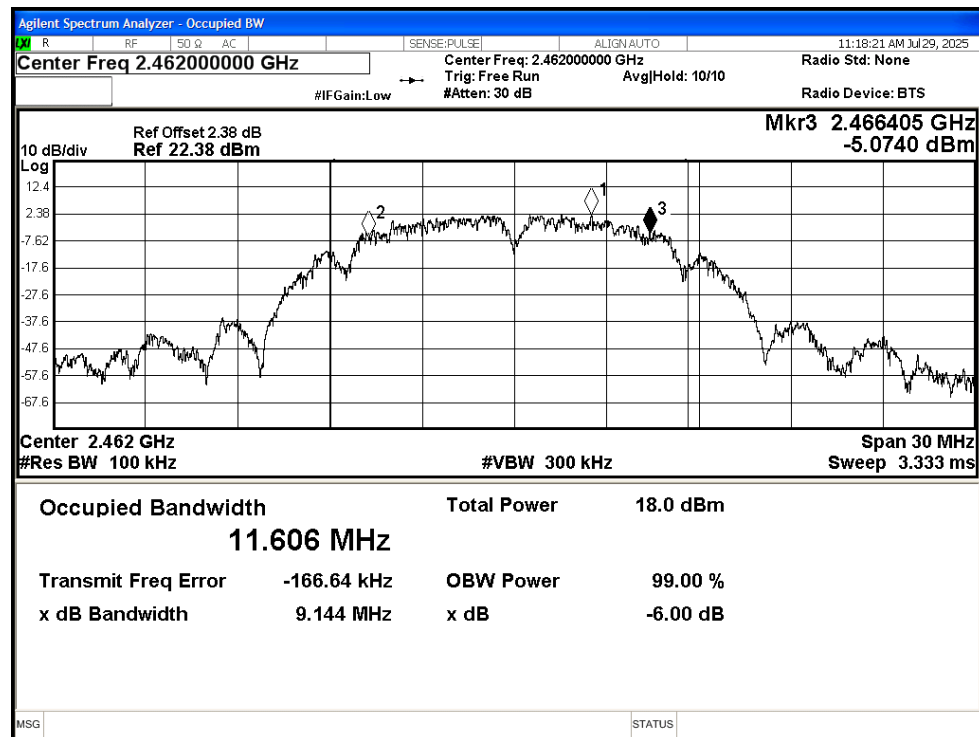
-6dB Bandwidth NVNT b 2412MHz Ant2



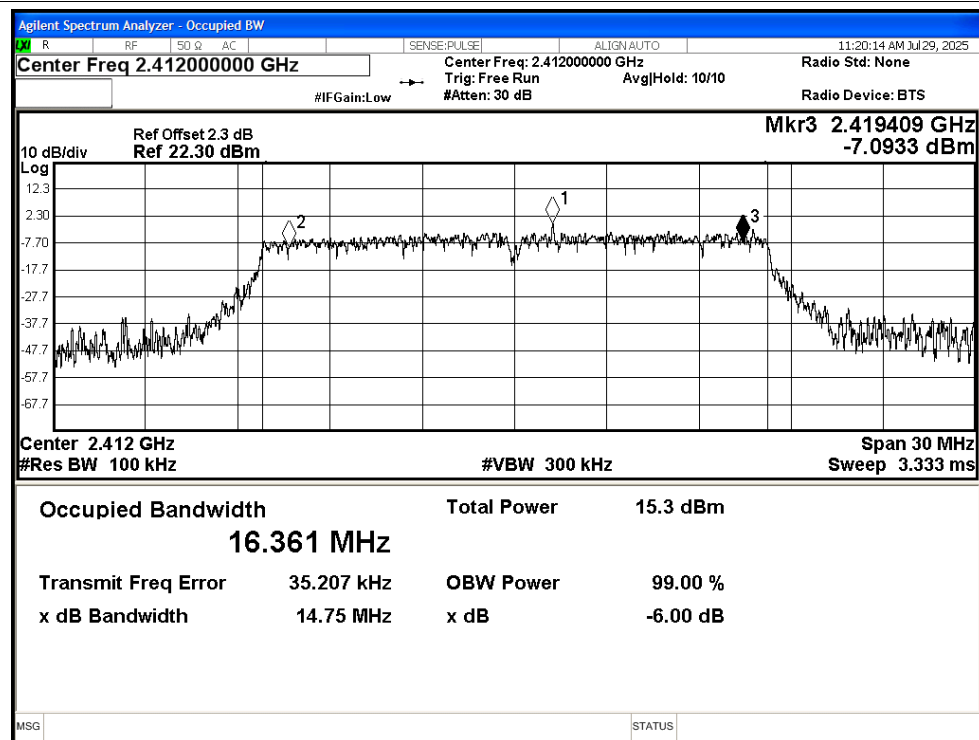
-6dB Bandwidth NVNT b 2437MHz Ant2



-6dB Bandwidth NVNT b 2462MHz Ant2



-6dB Bandwidth NVNT g 2412MHz Ant2



-6dB Bandwidth NVNT g 2437MHz Ant2

Agilent Spectrum Analyzer - Occupied BW

11:22:12 AM Jul 29, 2025
 Center Freq: 2.437000000 GHz
 Span: 30 MHz
 Res BW: 100 kHz
 SENSE: PULSE
 ALIGN: AUTO
 Radio Std: None
 Radio Device: BTS
 #IF Gain: Low
 #Atten: 30 dB
 Avg/Hold: 10/10
 Trig: Free Run

**Ref Offset 2.34 dB
Ref 22.34 dBm**

**Mkr3 2.445168 GHz
-7.3502 dBm**

10 dB/div
Log

Center 2.437 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 3.333 ms

Occupied Bandwidth	Total Power	15.3 dBm
16.364 MHz		
Transmit Freq Error	-3.284 kHz	OBW Power 99.00 %
x dB Bandwidth	16.34 MHz	x dB -6.00 dB

MSG STATUS

-6dB Bandwidth NVNT g 2462MHz Ant2

Agilent Spectrum Analyzer - Occupied BW

11:24:30 AM Jul 29, 2025

Center Freq 2.46200000 GHz

Radio Std: None

Radio Device: BTS

Trig: Free Run

Avg/Hold: 10/10

#IFGain: Low

#Atten: 30 dB

Ref Offset 2.38 dB

Ref 22.38 dBm

Mkr3 2.47027 GHz

-8.9375 dBm

10 dB/div

Log

Center 2.462 GHz

#Res BW 100 kHz

#VBW 300 kHz

Span 30 MHz

Sweep 3.333 ms

Occupied Bandwidth

16.412 MHz

Total Power

15.6 dBm

Transmit Freq Error

13.528 kHz

OBW Power

99.00 %

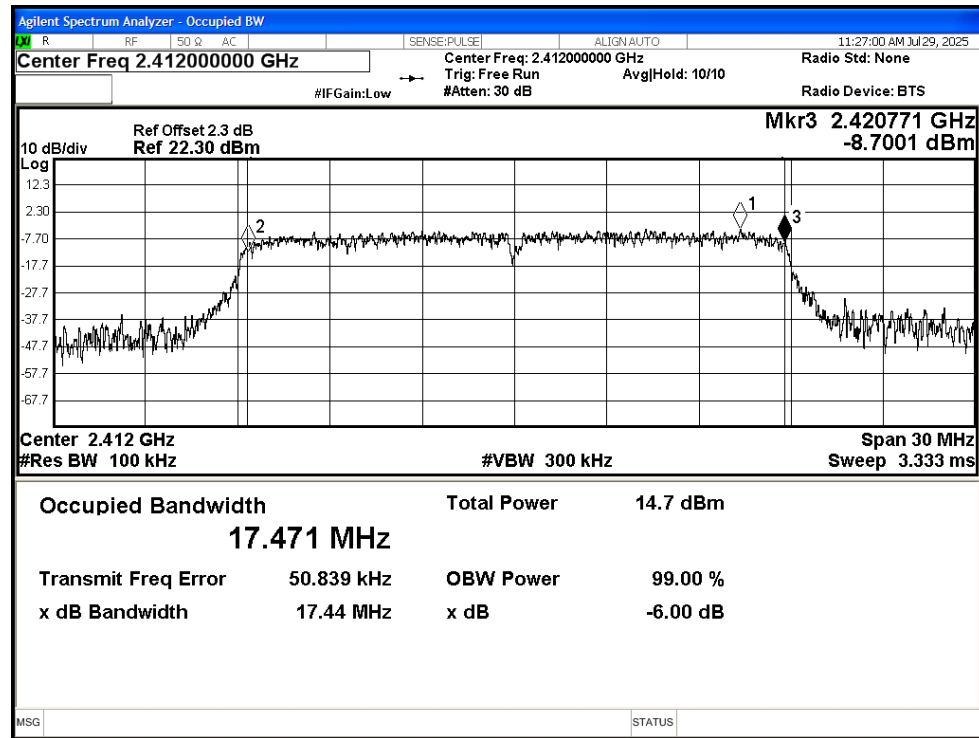
x dB Bandwidth

16.51 MHz

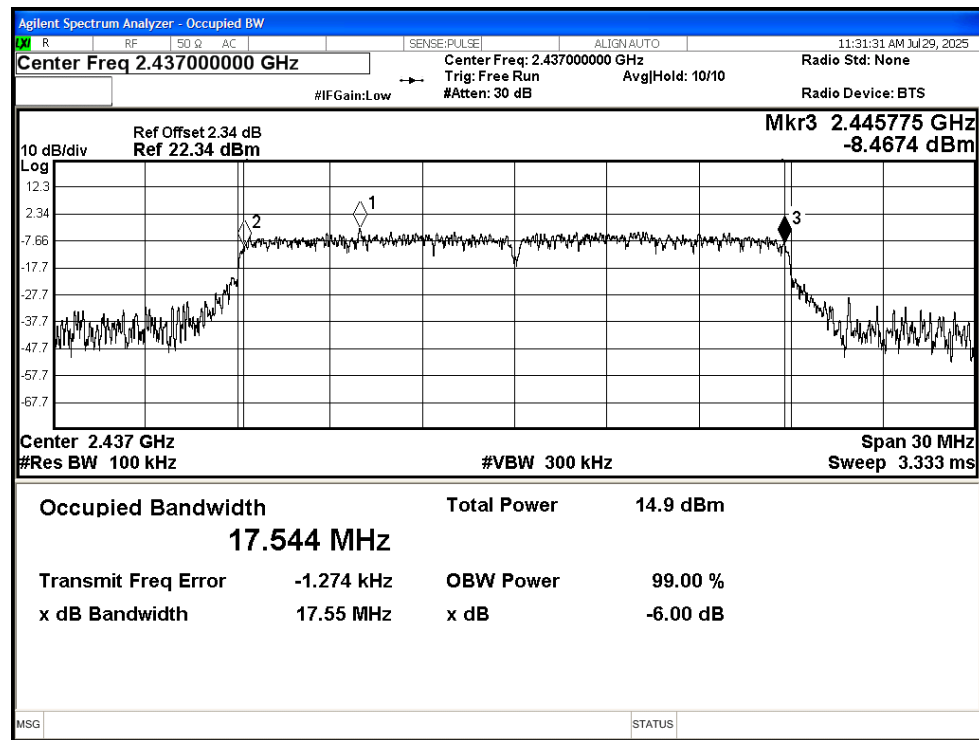
x dB

-6.00 dB

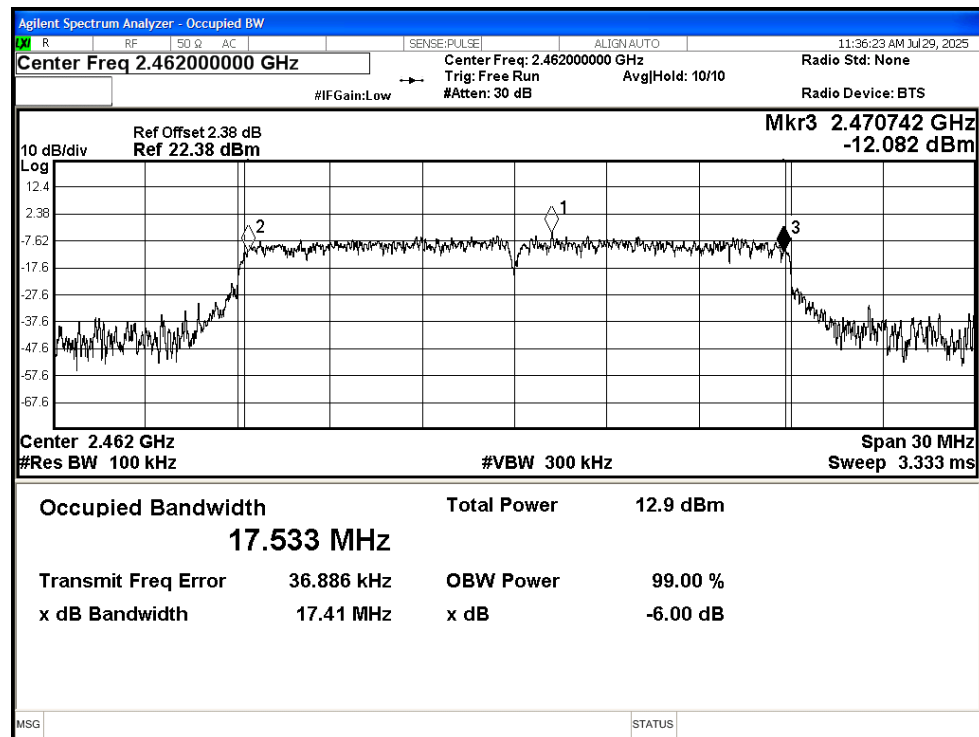
-6dB Bandwidth NVNT n20 2412MHz Ant2



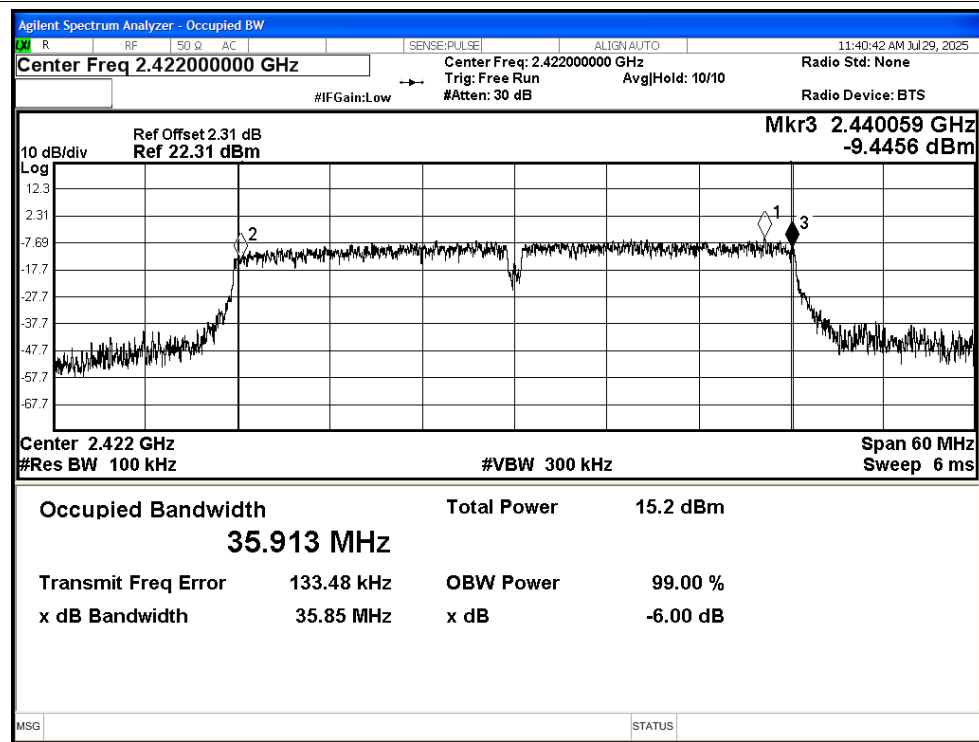
-6dB Bandwidth NVNT n20 2437MHz Ant2



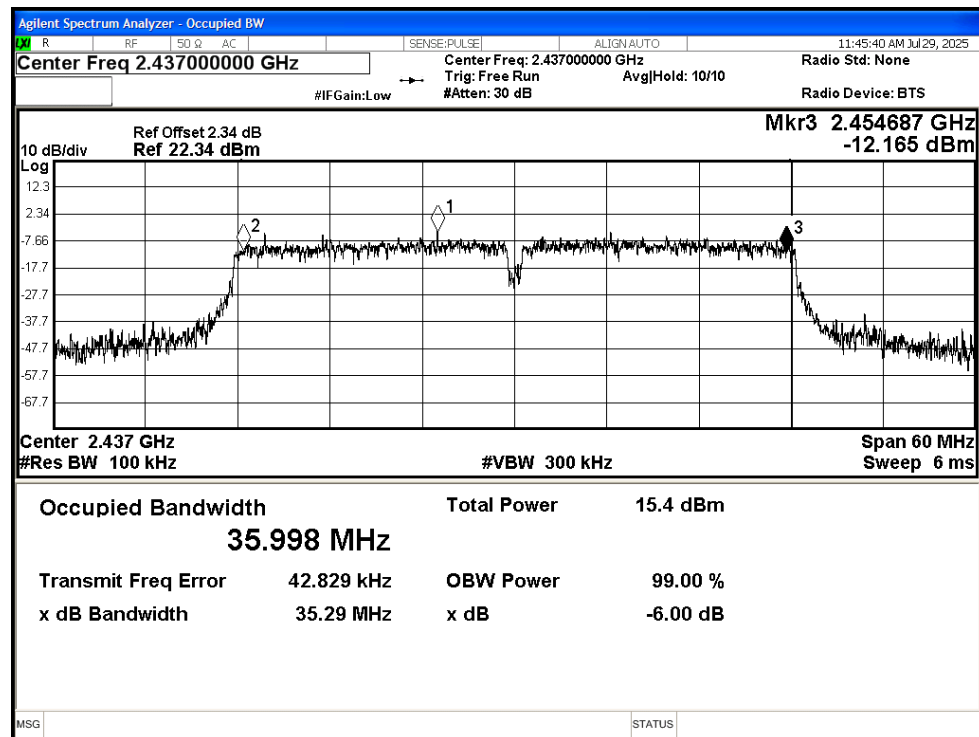
-6dB Bandwidth NVNT n20 2462MHz Ant2



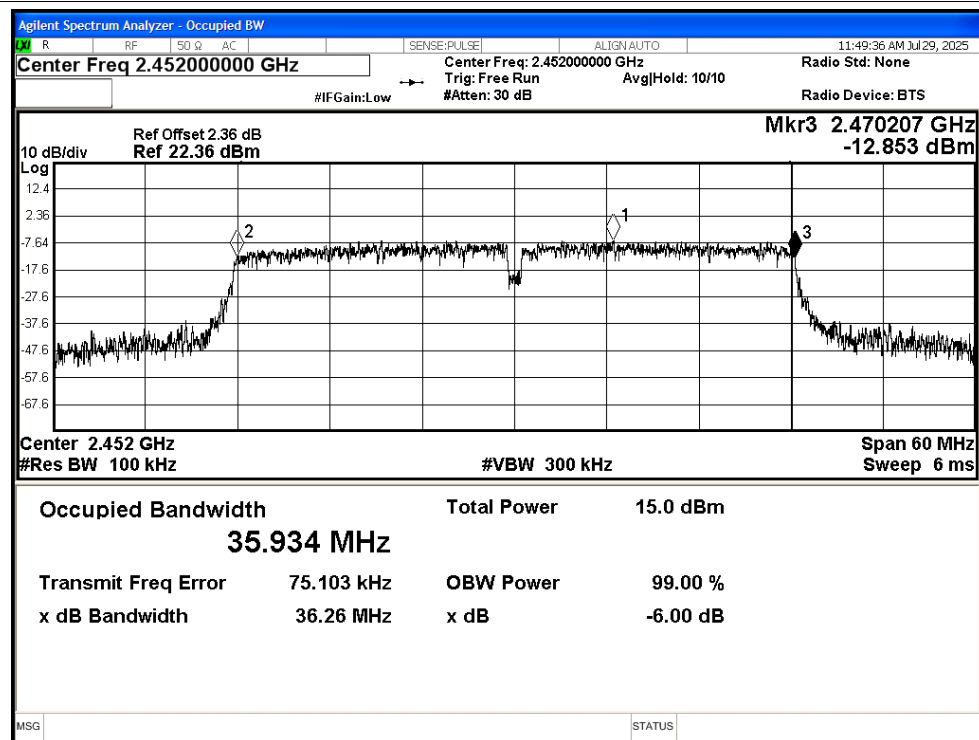
-6dB Bandwidth NVNT n40 2422MHz Ant2



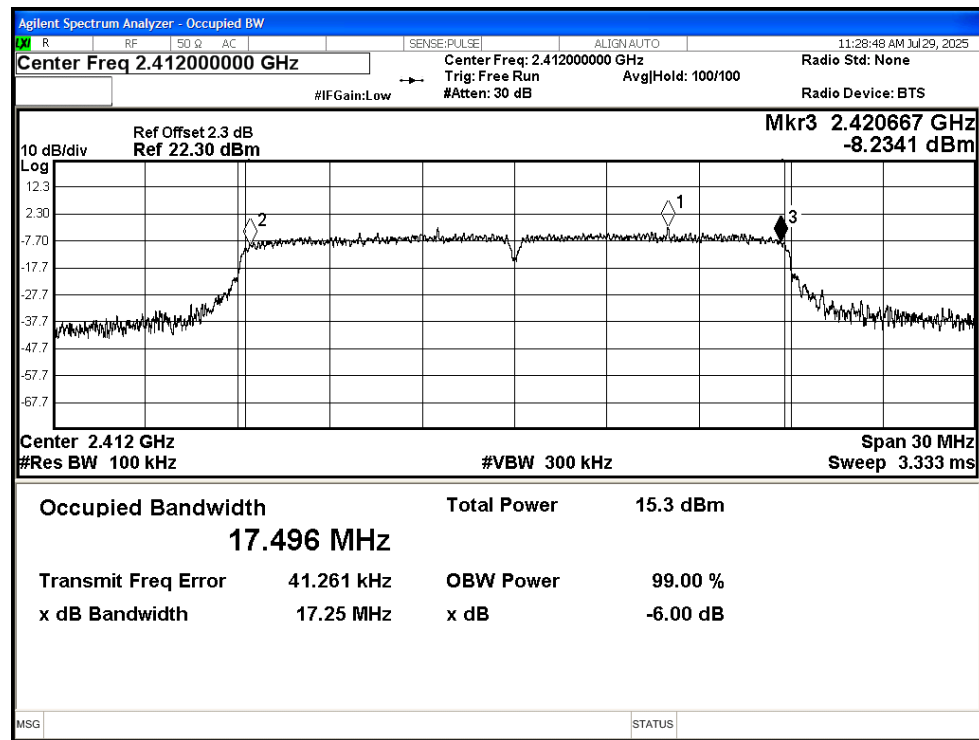
-6dB Bandwidth NVNT n40 2437MHz Ant2



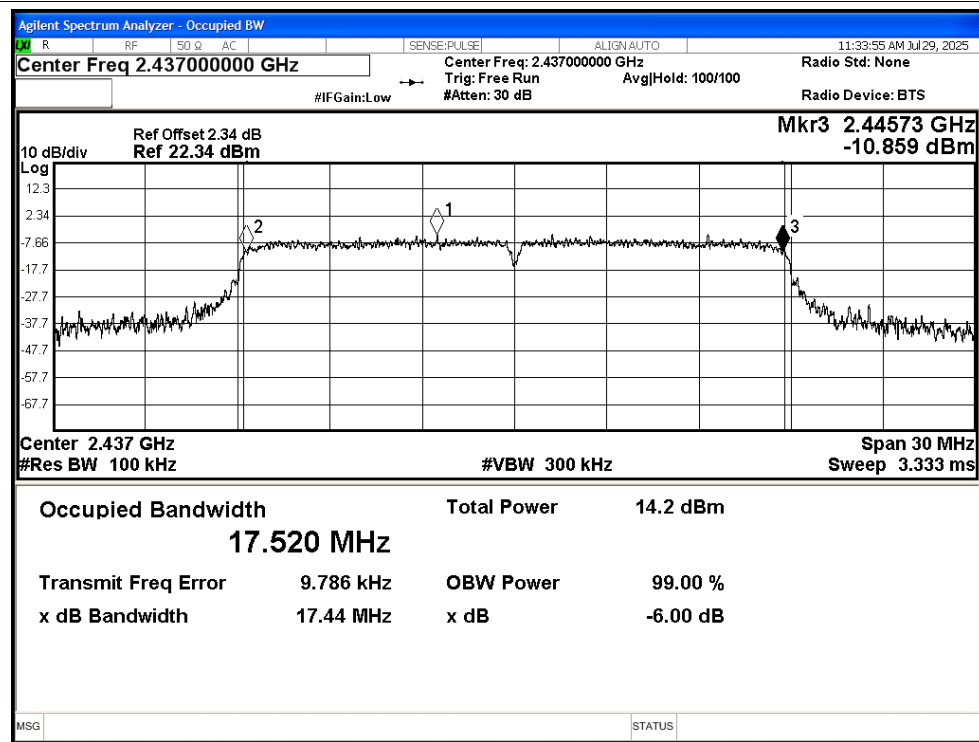
-6dB Bandwidth NVNT n40 2452MHz Ant2



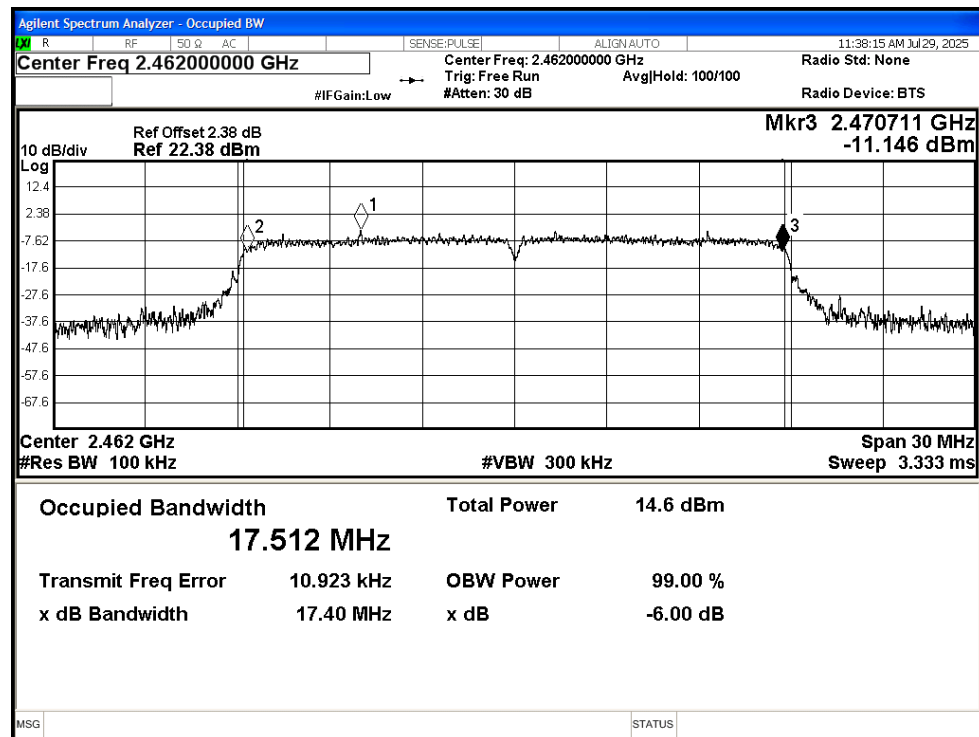
-6dB Bandwidth NVNT ax20 2412MHz Ant2



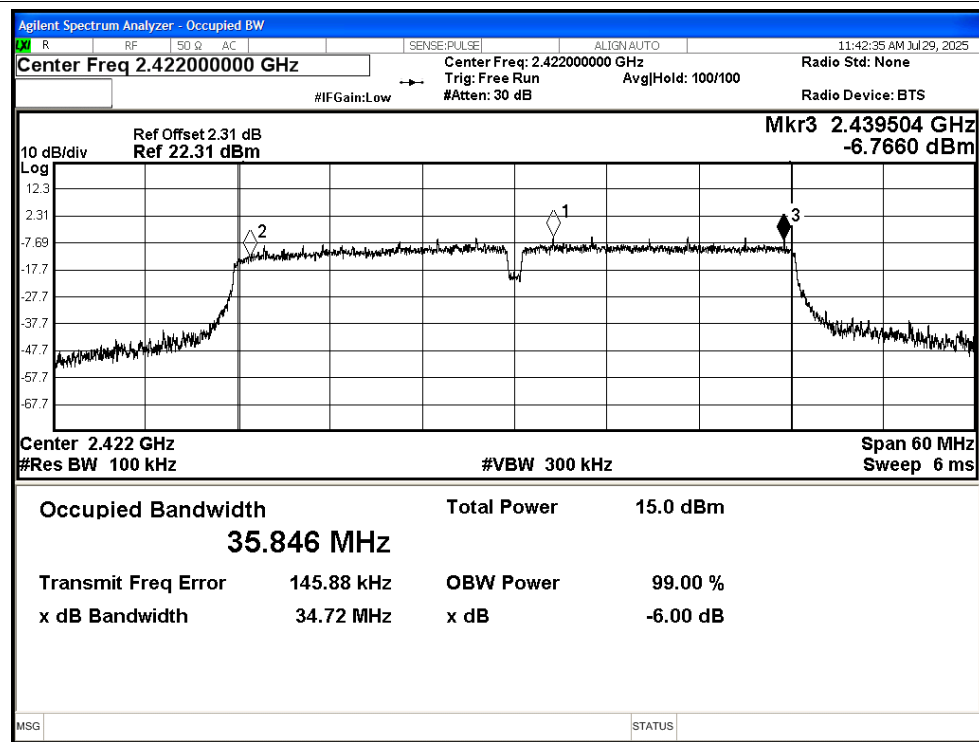
-6dB Bandwidth NVNT ax20 2437MHz Ant2



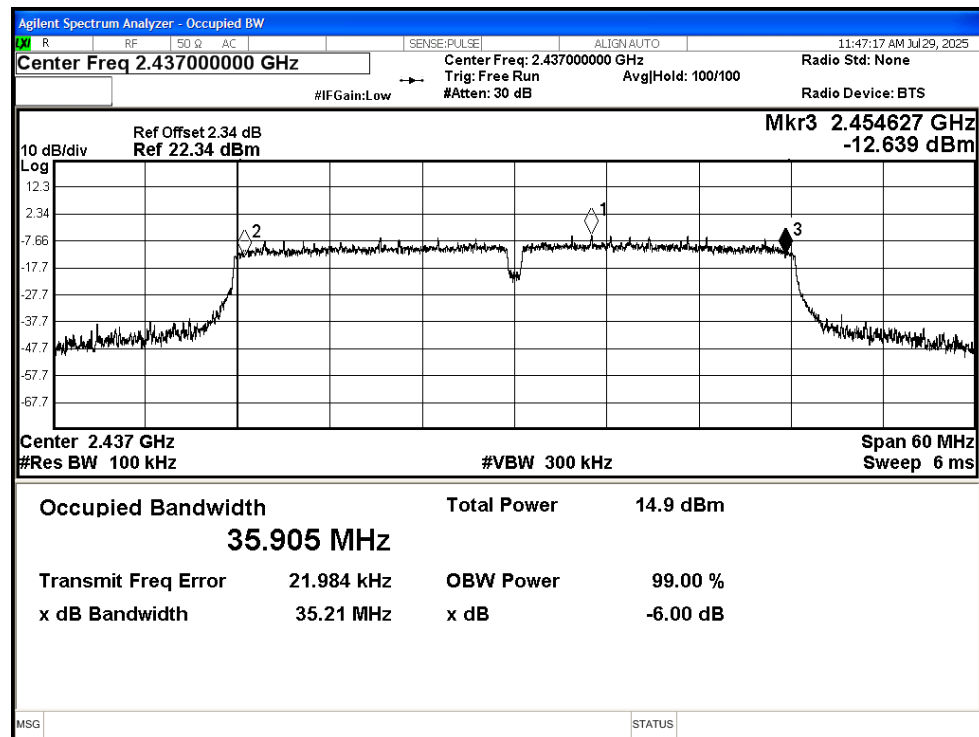
-6dB Bandwidth NVNT ax20 2462MHz Ant2



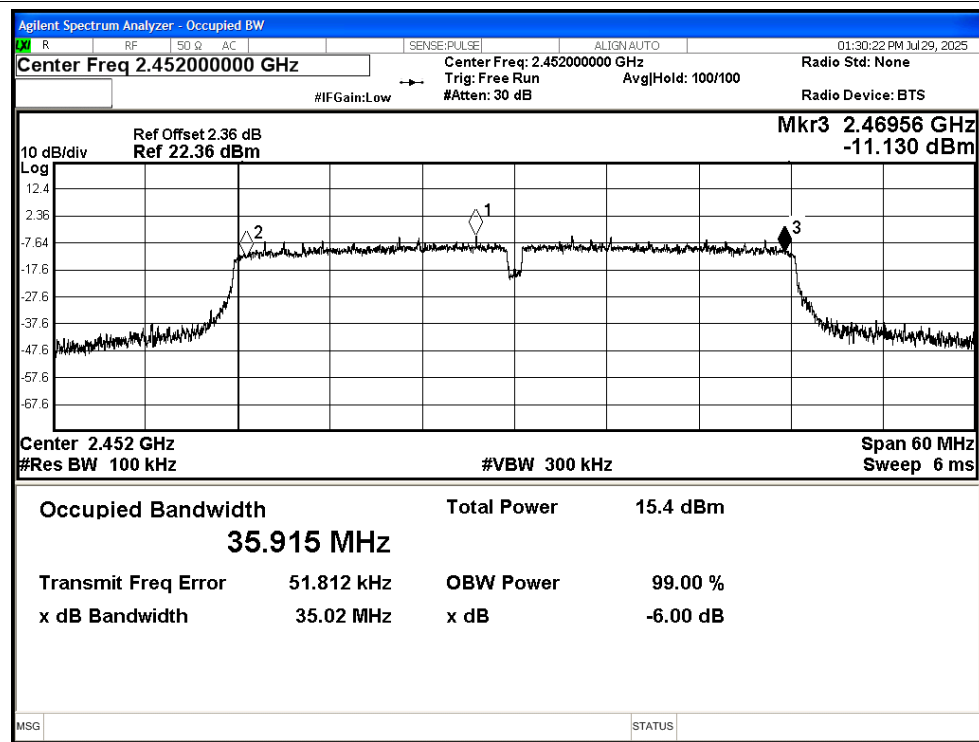
-6dB Bandwidth NVNT ax40 2422MHz Ant2



-6dB Bandwidth NVNT ax40 2437MHz Ant2



-6dB Bandwidth NVNT ax40 2452MHz Ant2



2 Occupied Channel Bandwidth

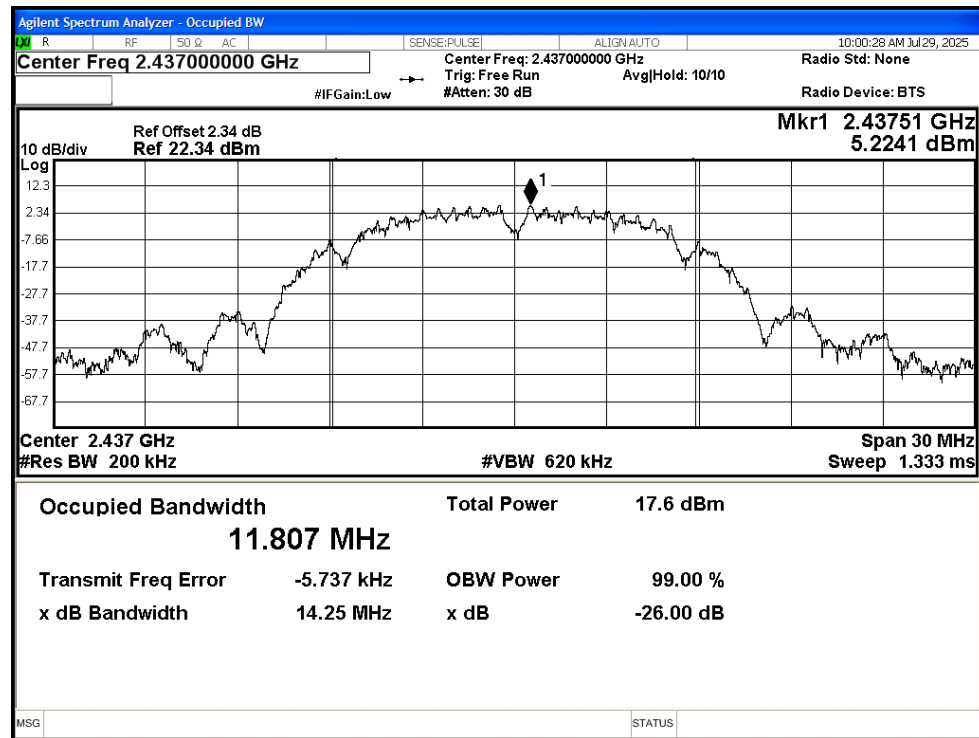
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	11.717
NVNT	b	2437	Ant1	11.807
NVNT	b	2462	Ant1	11.558
NVNT	g	2412	Ant1	16.383
NVNT	g	2437	Ant1	16.437
NVNT	g	2462	Ant1	16.437
NVNT	n20	2412	Ant1	17.503
NVNT	n20	2437	Ant1	17.514
NVNT	n20	2462	Ant1	17.51
NVNT	n40	2422	Ant1	35.865
NVNT	n40	2437	Ant1	36.014
NVNT	n40	2452	Ant1	35.94
NVNT	ax20	2412	Ant1	17.486
NVNT	ax20	2437	Ant1	17.563
NVNT	ax20	2462	Ant1	17.548
NVNT	ax40	2422	Ant1	35.965
NVNT	ax40	2437	Ant1	35.995
NVNT	ax40	2452	Ant1	35.964

Test Graphs

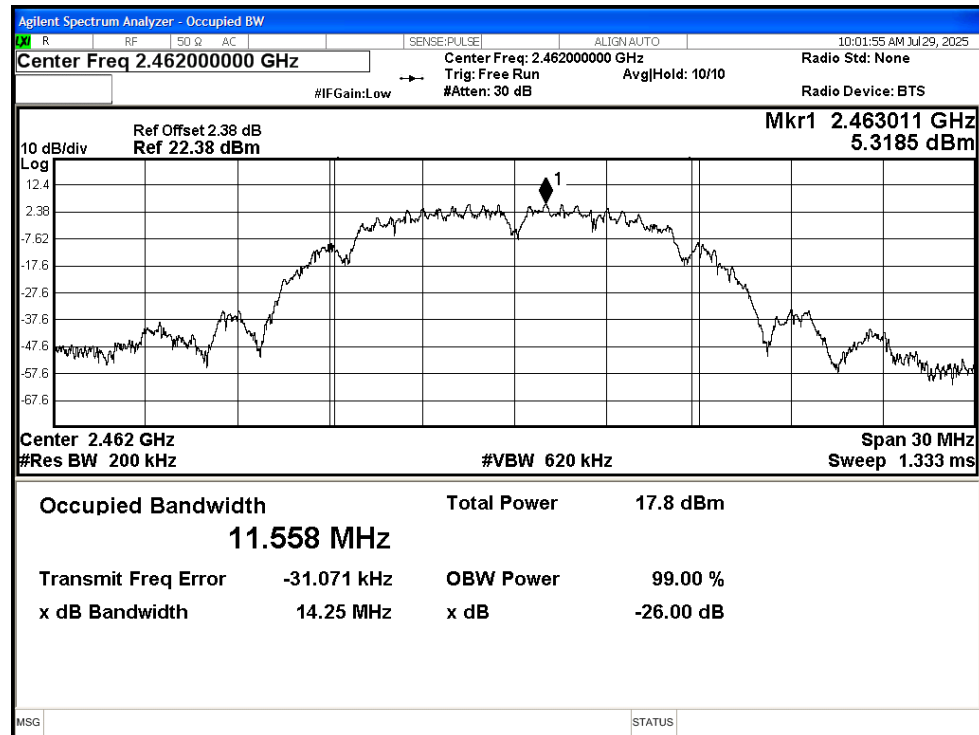
OBW NVNT b 2412MHz Ant1



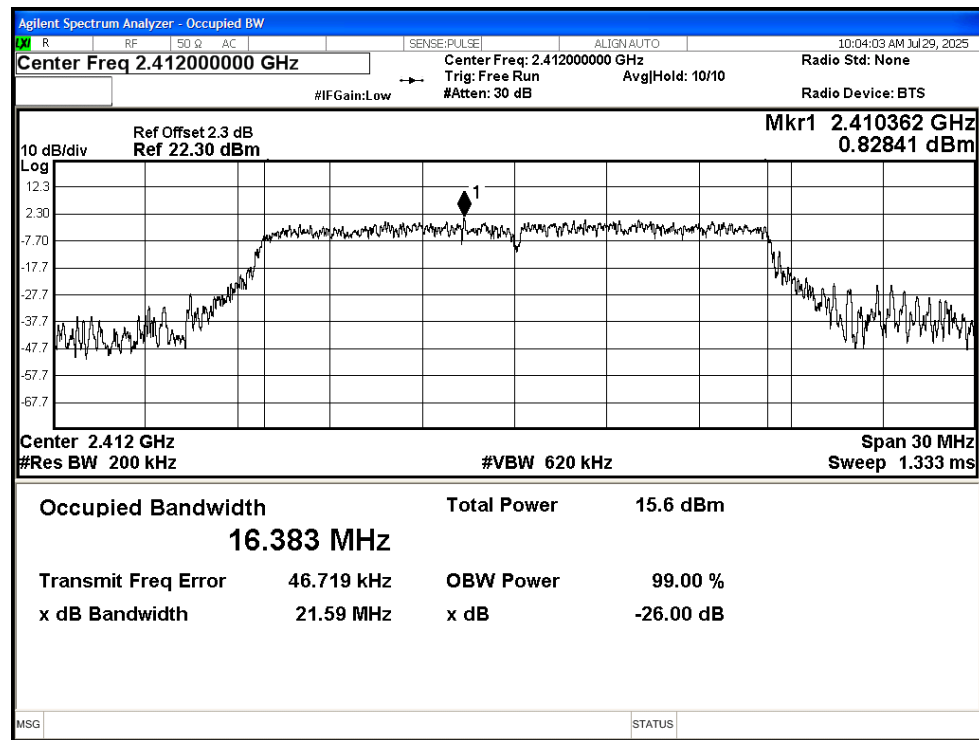
OBW NVNT b 2437MHz Ant1



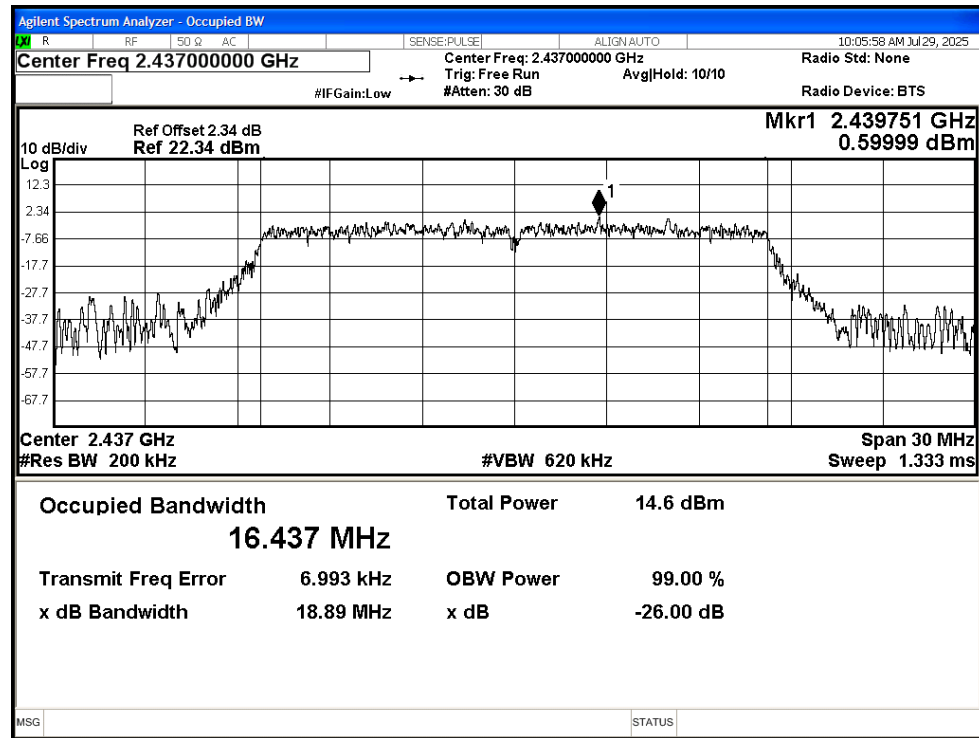
OBW NVNT b 2462MHz Ant1



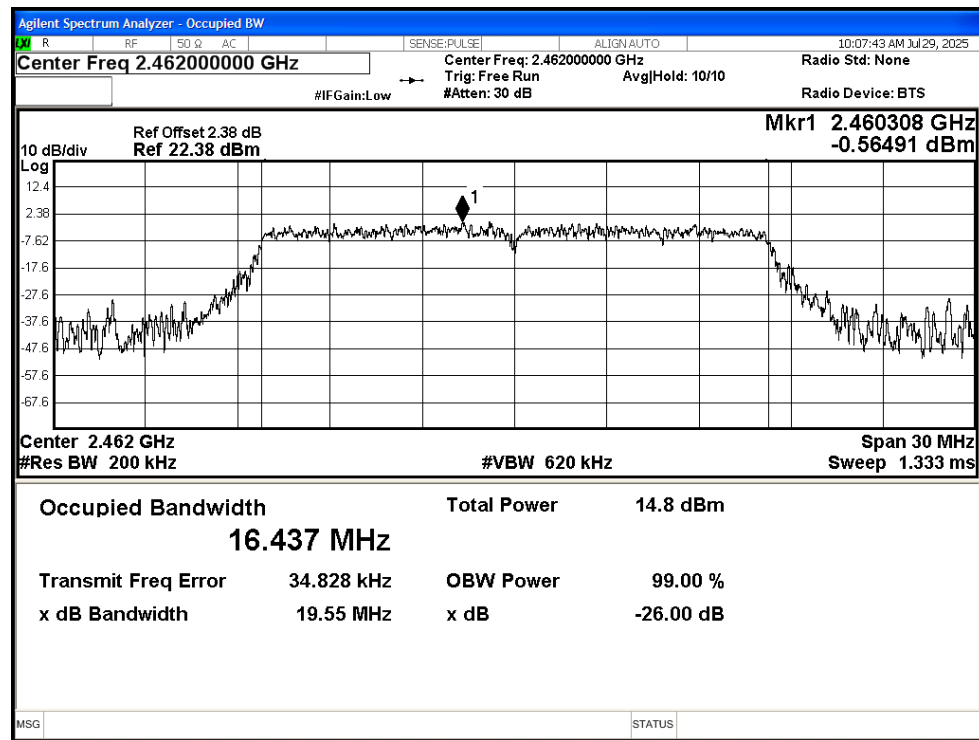
OBW NVNT g 2412MHz Ant1



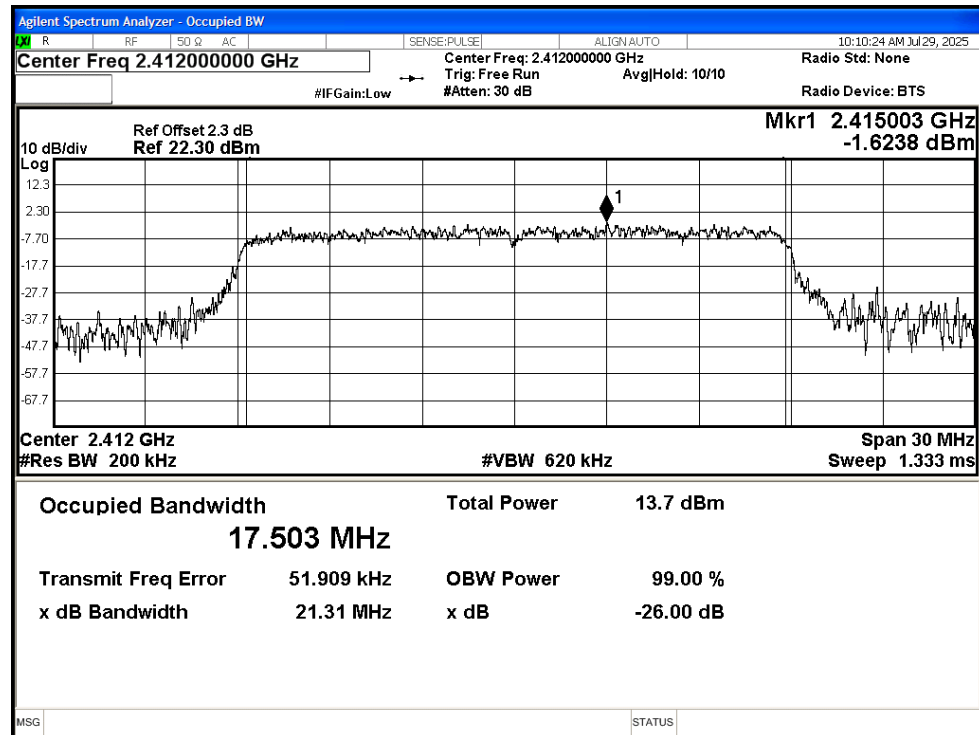
OBW NVNT g 2437MHz Ant1



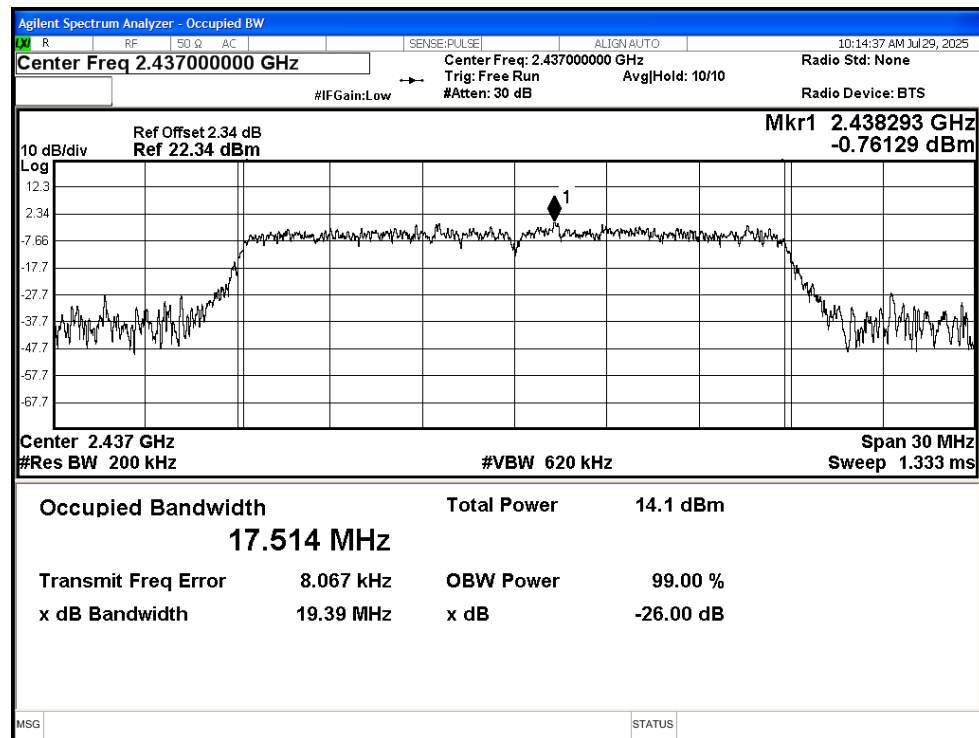
OBW NVNT g 2462MHz Ant1



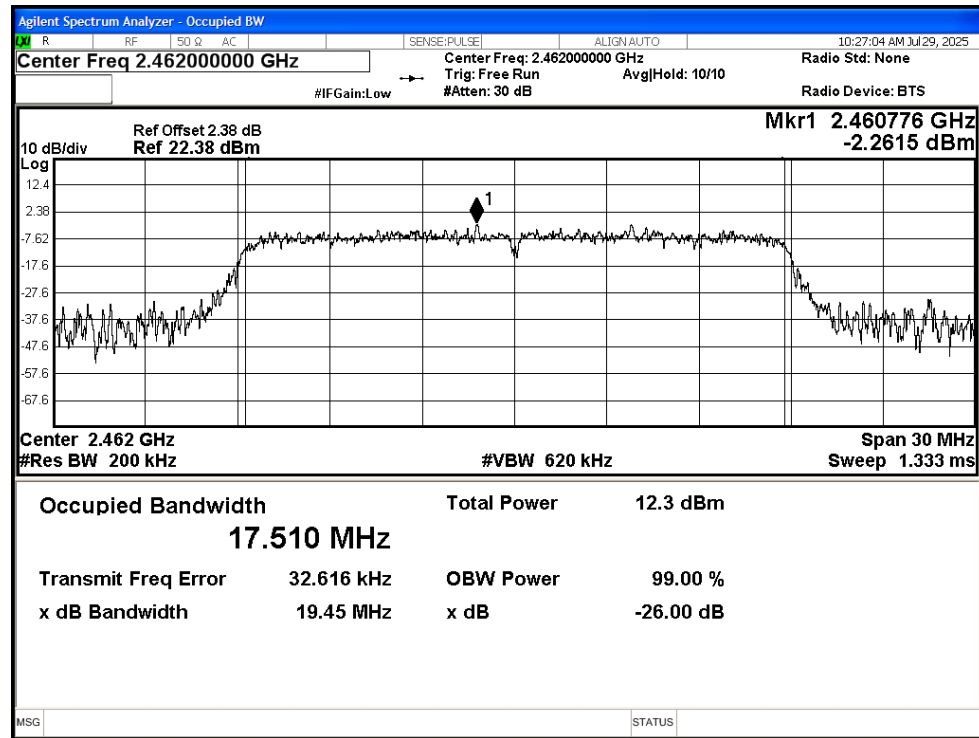
OBW NVNT n20 2412MHz Ant1



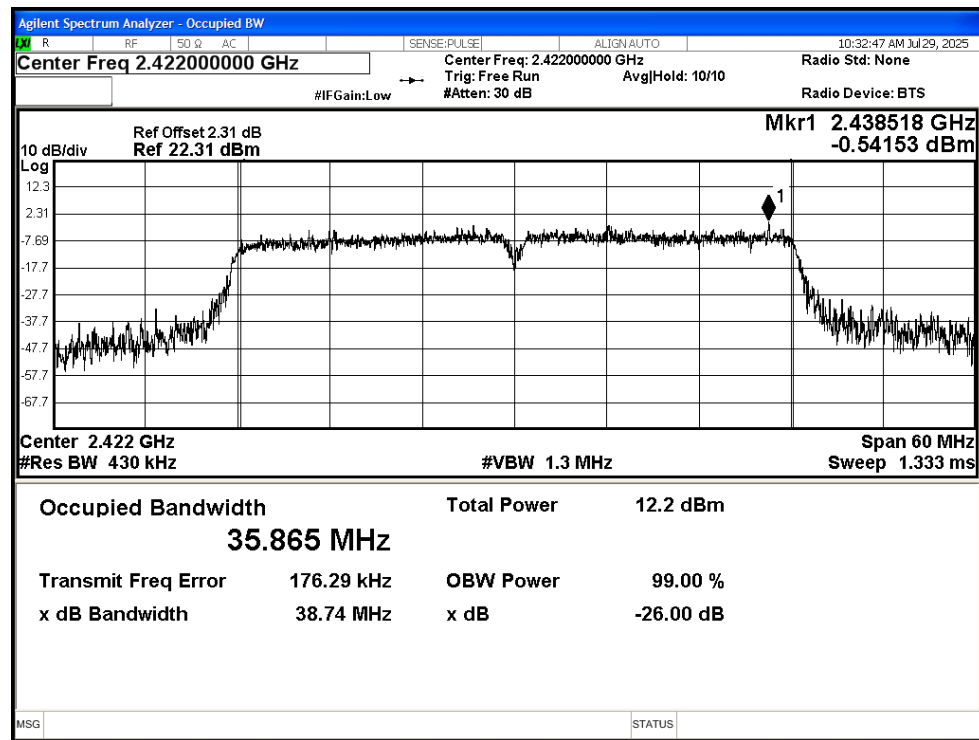
OBW NVNT n20 2437MHz Ant1



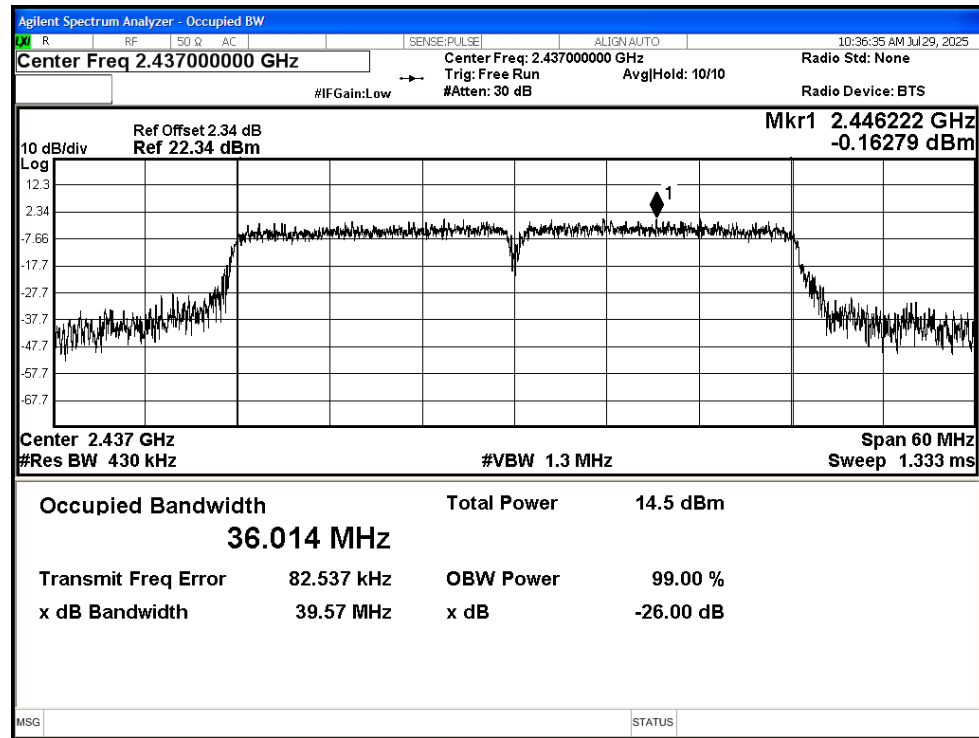
OBW NVNT n20 2462MHz Ant1



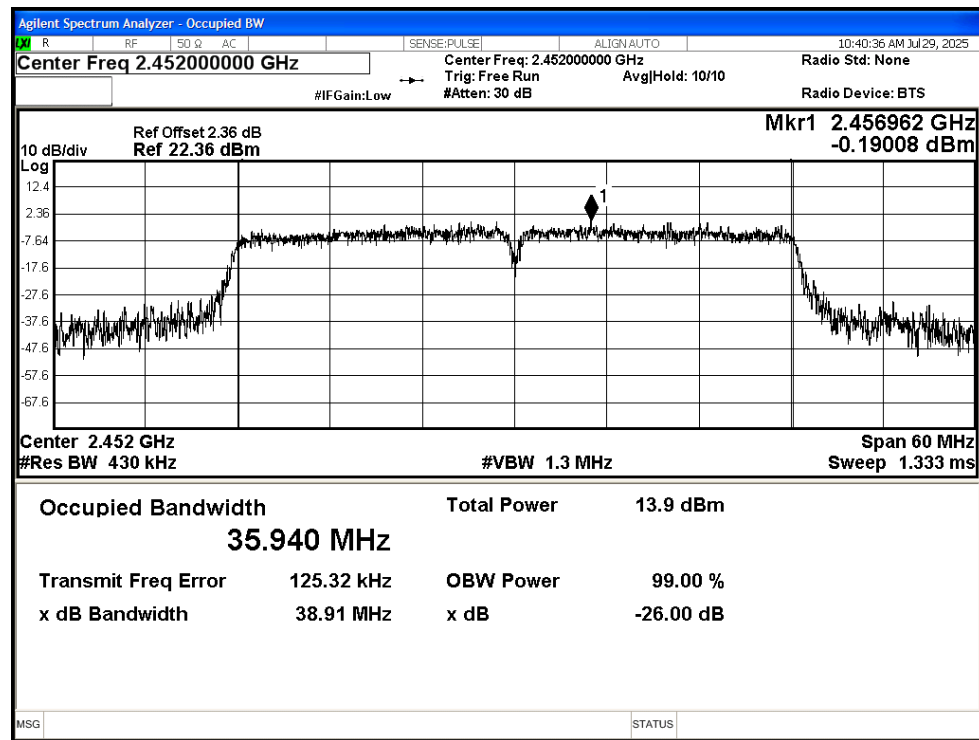
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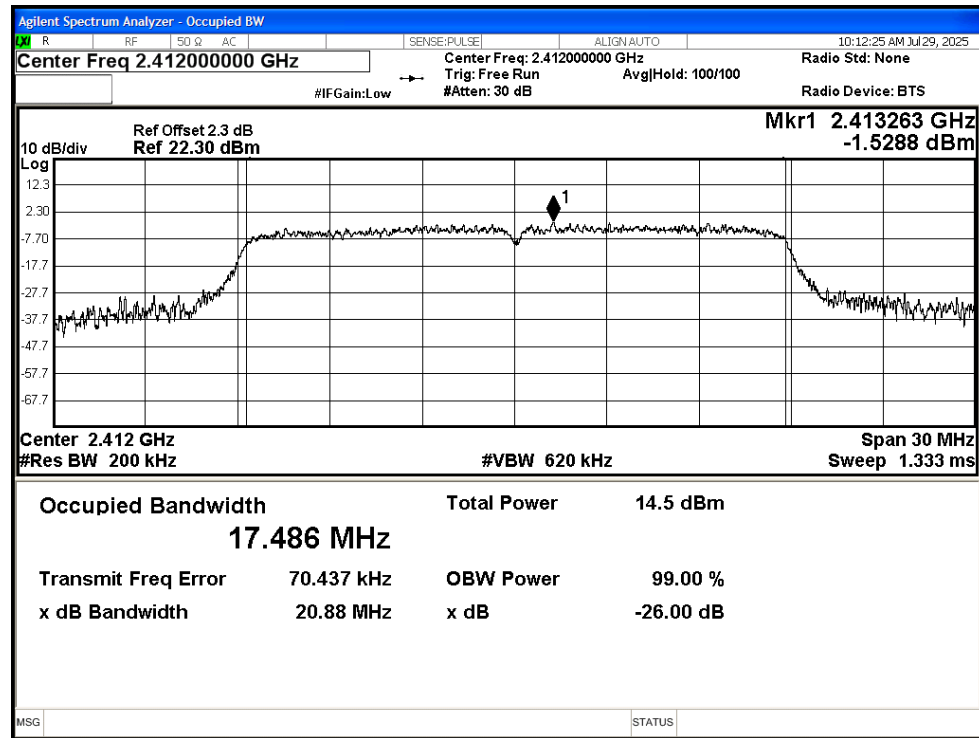
OBW NVNT n40 2437MHz Ant1



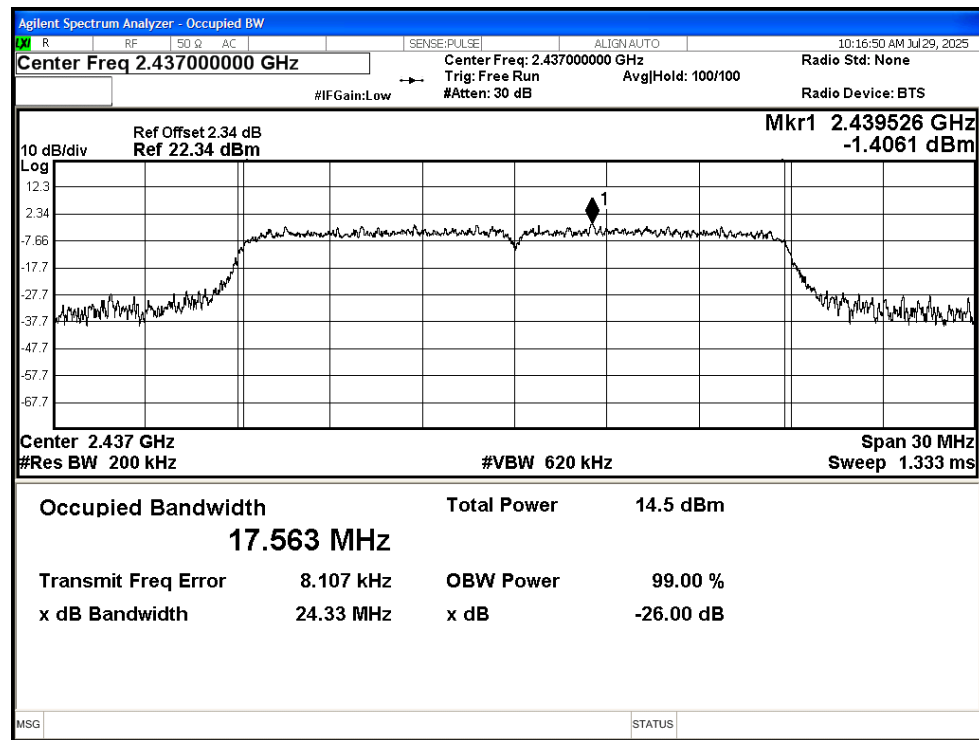
OBW NVNT n40 2452MHz Ant1



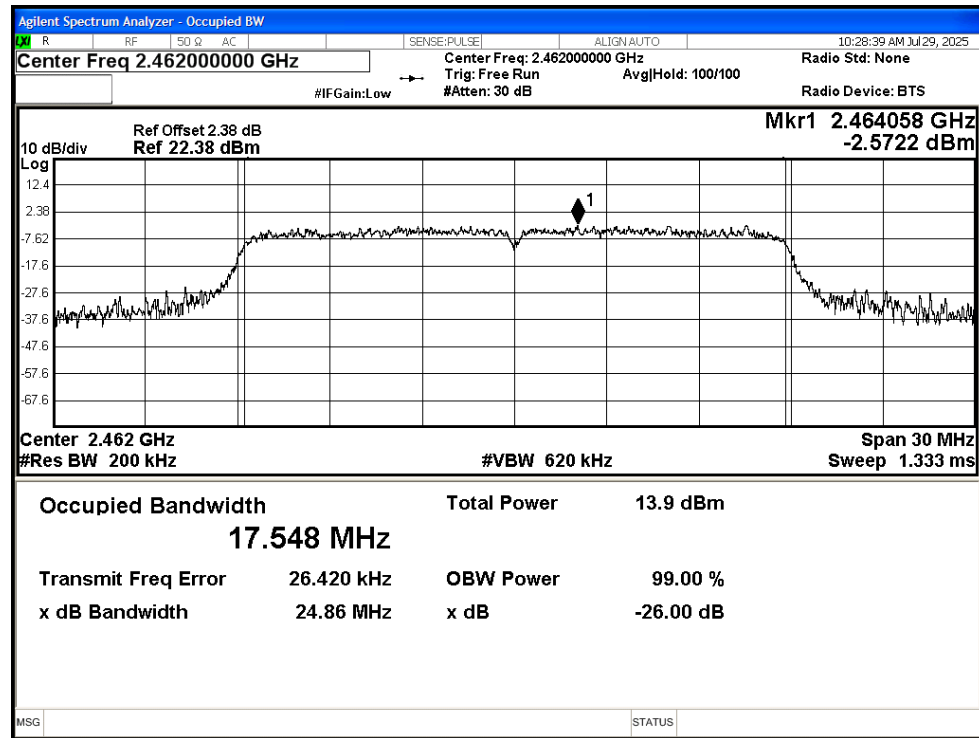
OBW NVNT ax20 2412MHz Ant1



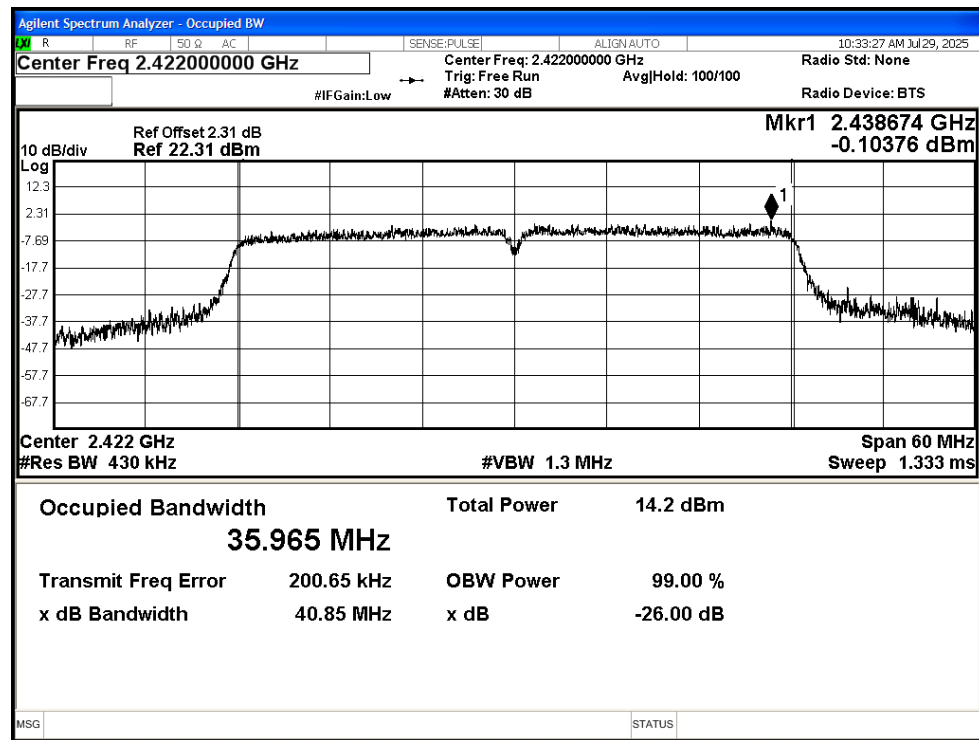
OBW NVNT ax20 2437MHz Ant1



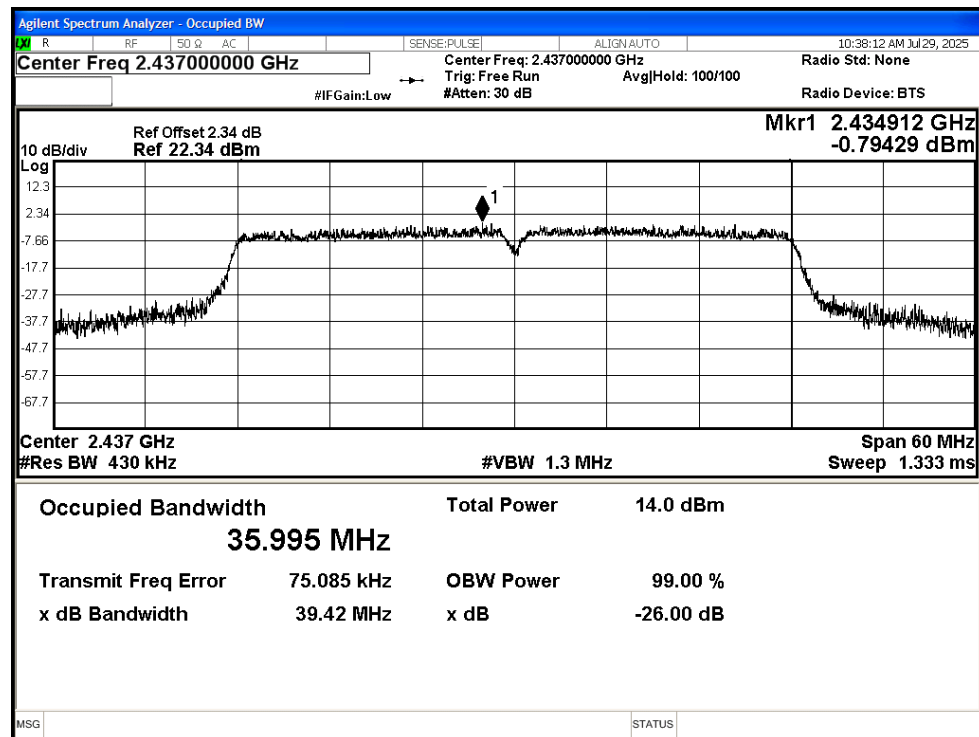
OBW NVNT ax20 2462MHz Ant1



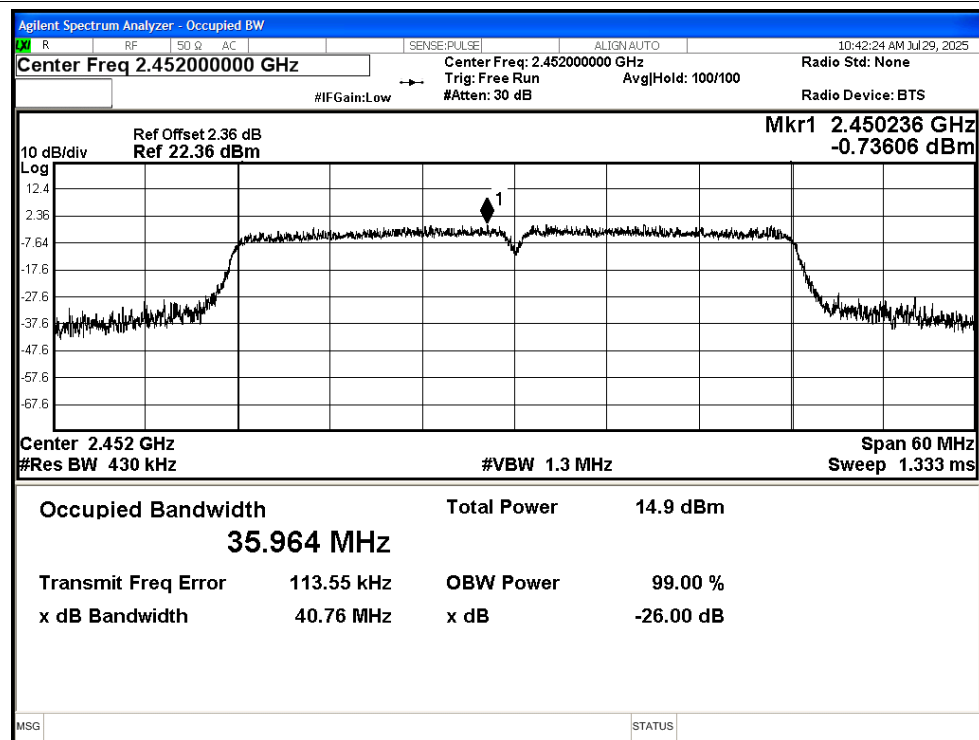
OBW NVNT ax40 2422MHz Ant1



OBW NVNT ax40 2437MHz Ant1



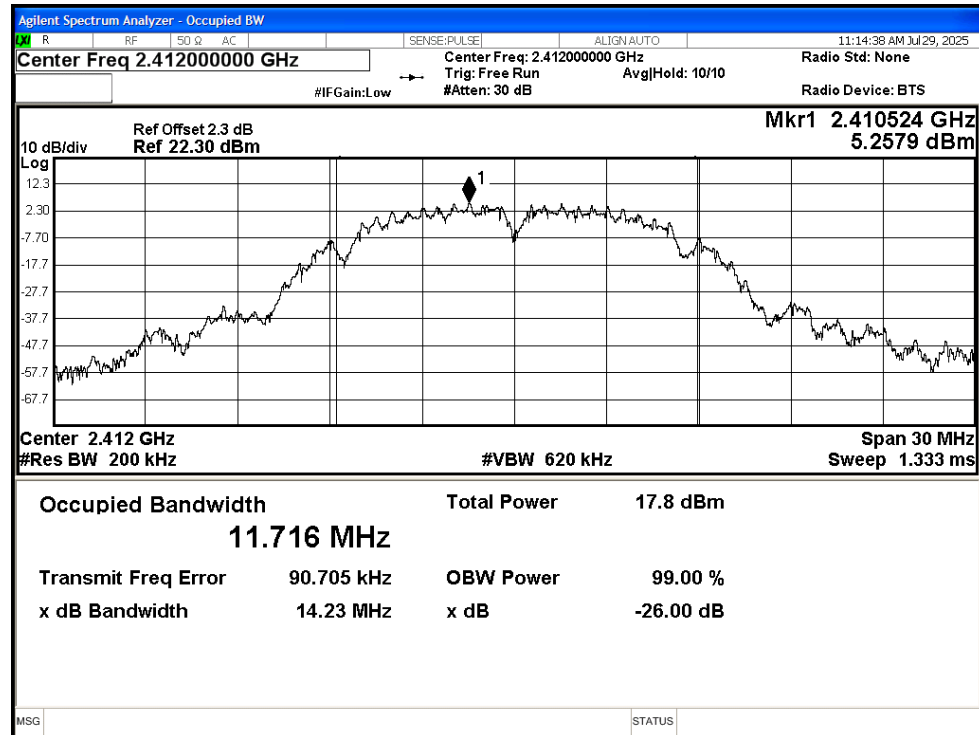
OBW NVNT ax40 2452MHz Ant1



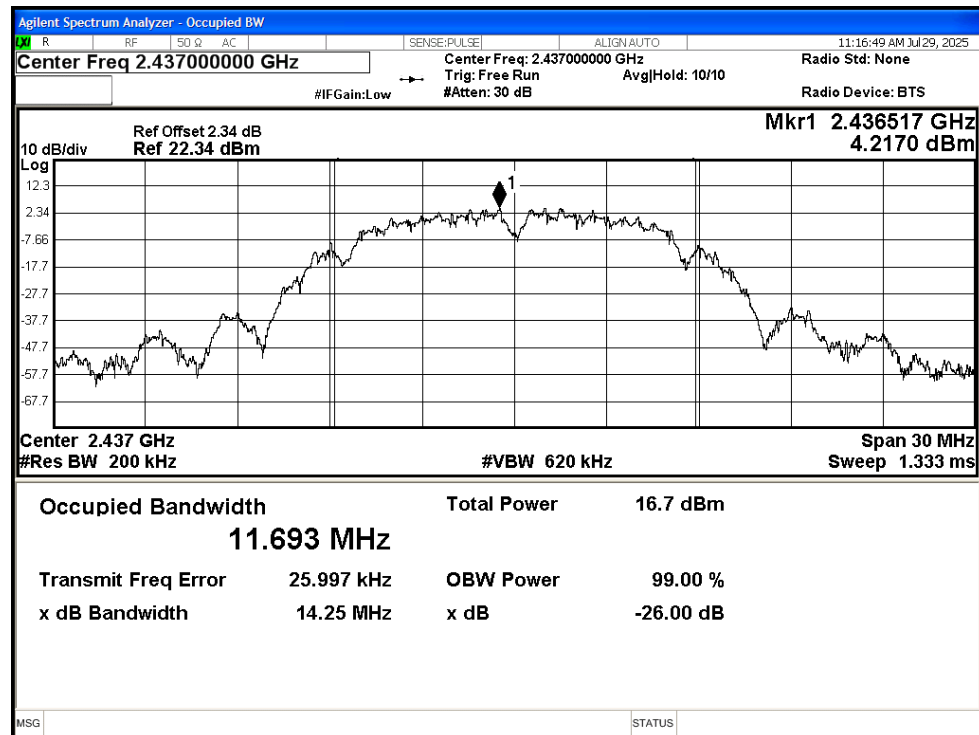
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant2	11.716
NVNT	b	2437	Ant2	11.693
NVNT	b	2462	Ant2	11.753
NVNT	g	2412	Ant2	16.397
NVNT	g	2437	Ant2	16.438
NVNT	g	2462	Ant2	16.399
NVNT	n20	2412	Ant2	17.527
NVNT	n20	2437	Ant2	17.554
NVNT	n20	2462	Ant2	17.497
NVNT	n40	2422	Ant2	35.986
NVNT	n40	2437	Ant2	36.001
NVNT	n40	2452	Ant2	35.905
NVNT	ax20	2412	Ant2	17.499
NVNT	ax20	2437	Ant2	17.559
NVNT	ax20	2462	Ant2	17.551
NVNT	ax40	2422	Ant2	35.894
NVNT	ax40	2437	Ant2	35.969
NVNT	ax40	2452	Ant2	35.96

Test Graphs

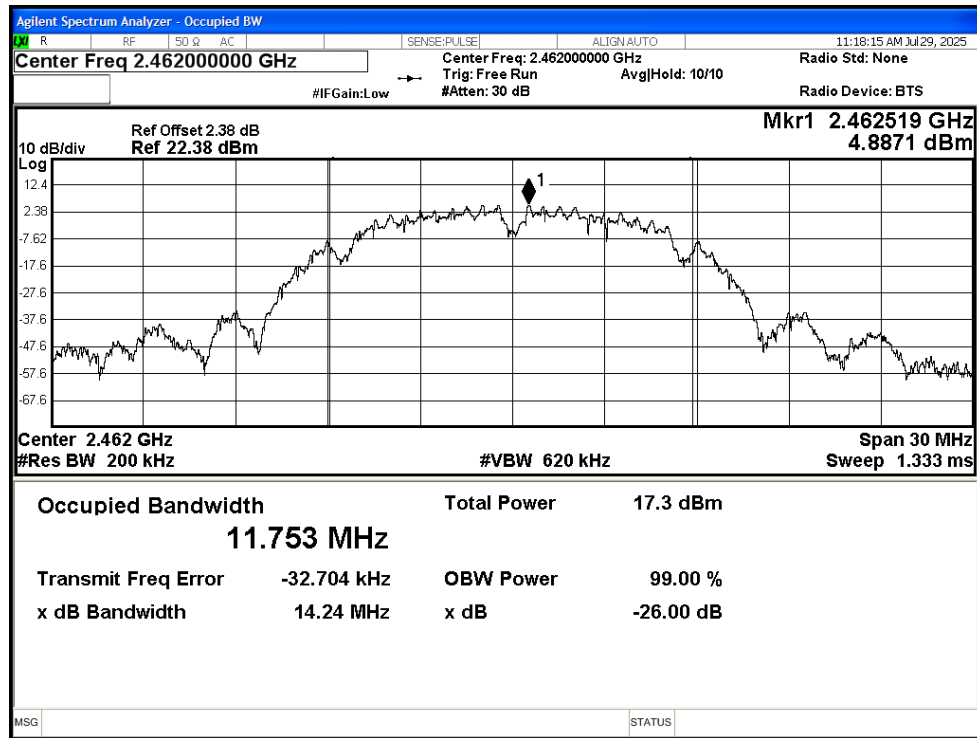
OBW NVNT b 2412MHz Ant2



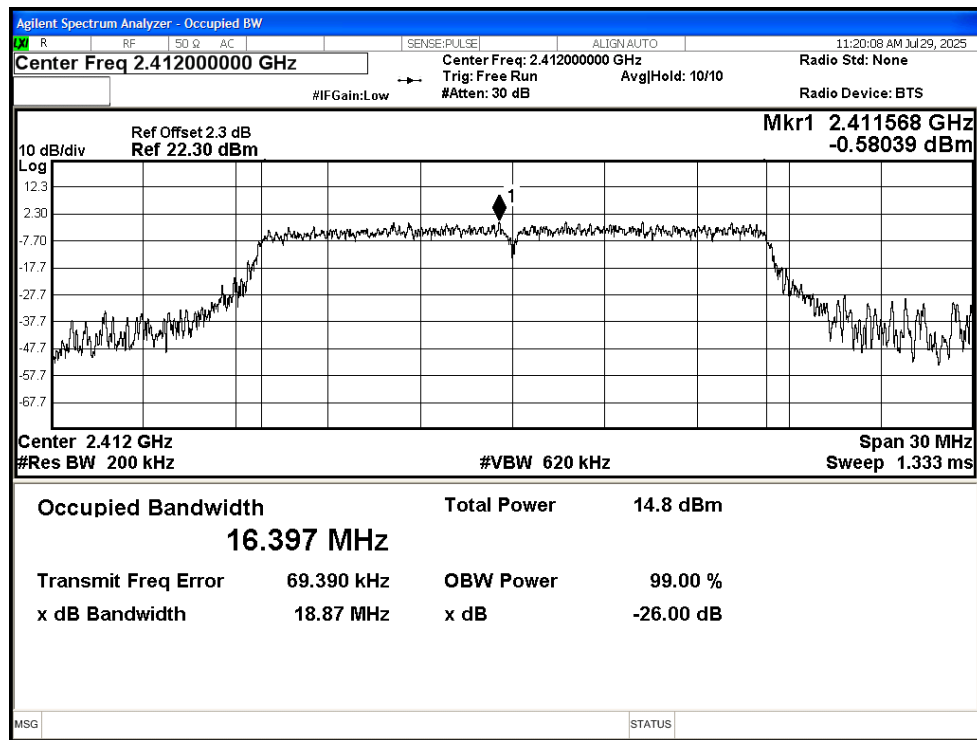
OBW NVNT b 2437MHz Ant2



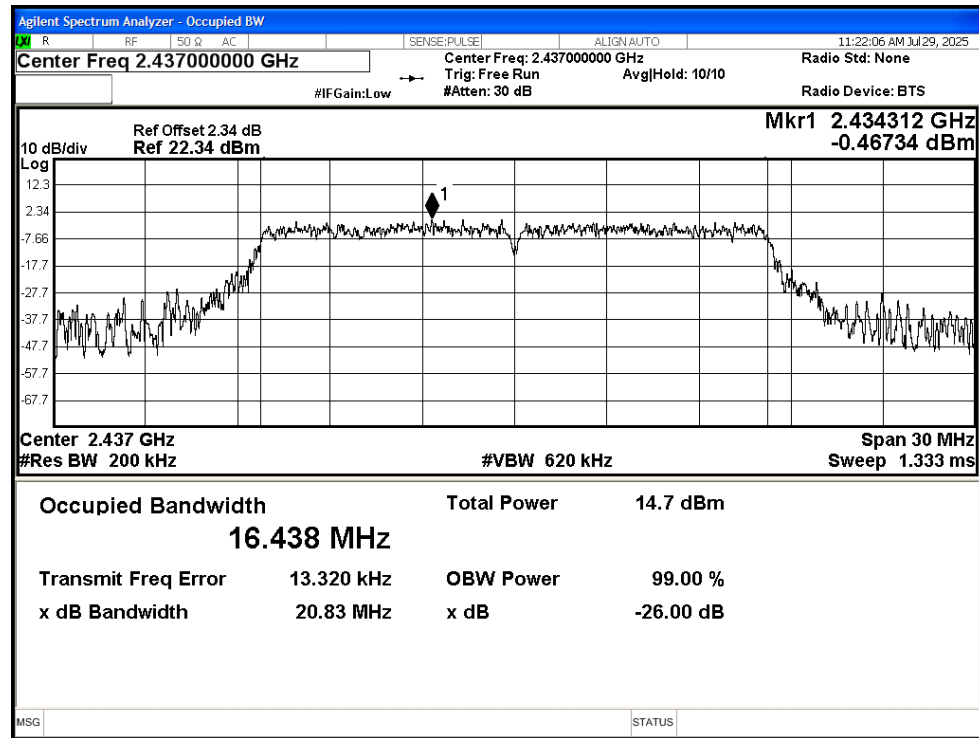
OBW NVNT b 2462MHz Ant2



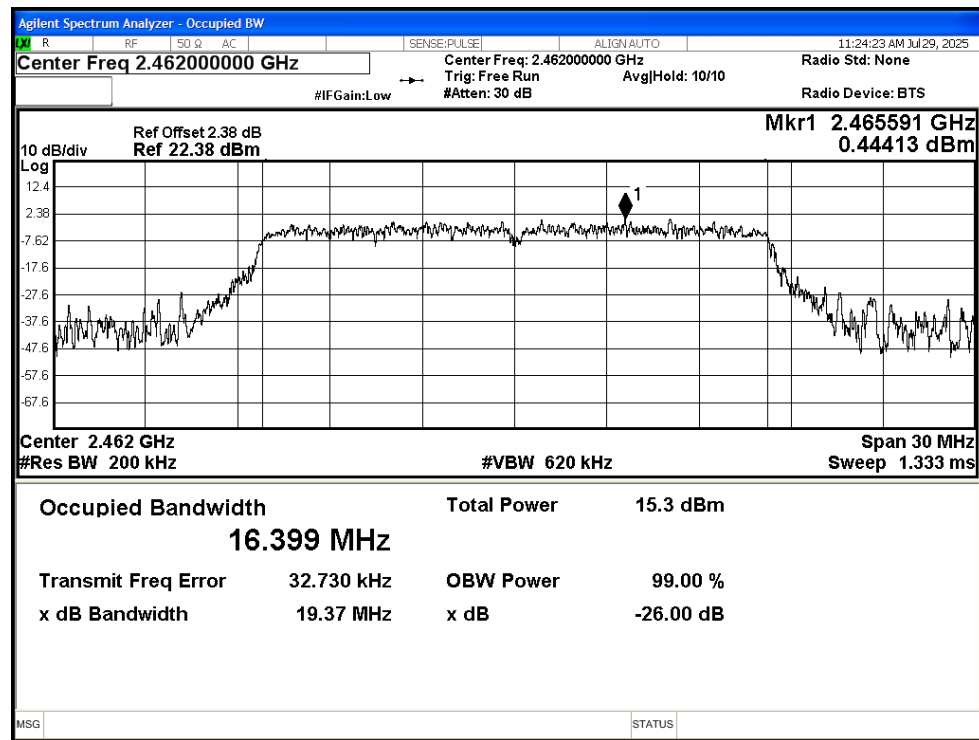
OBW NVNT g 2412MHz Ant2



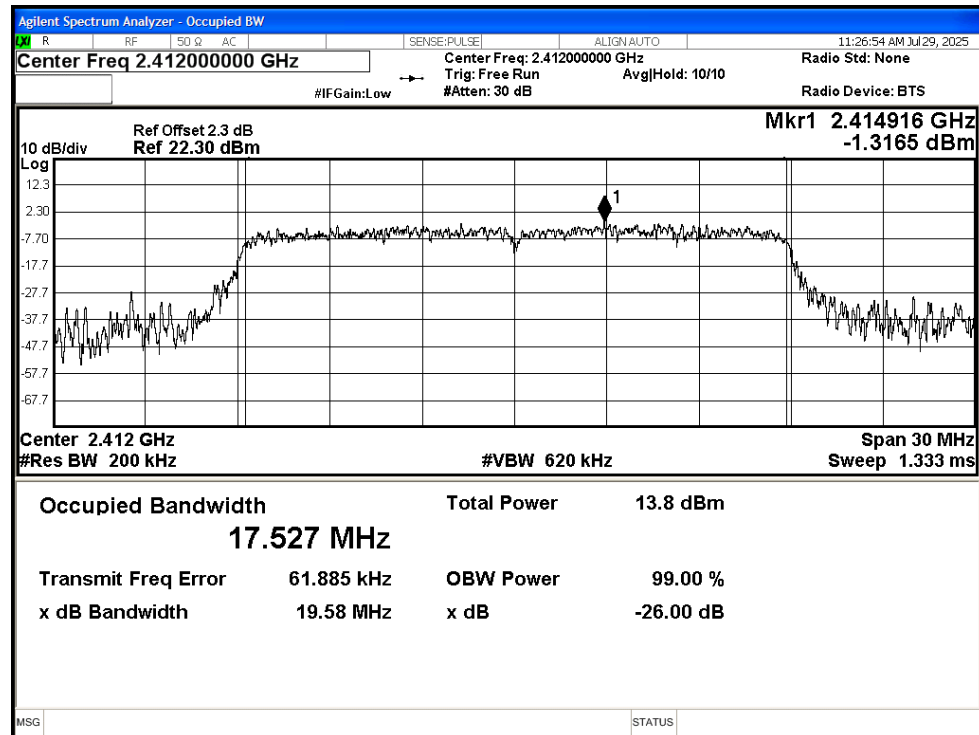
OBW NVNT g 2437MHz Ant2



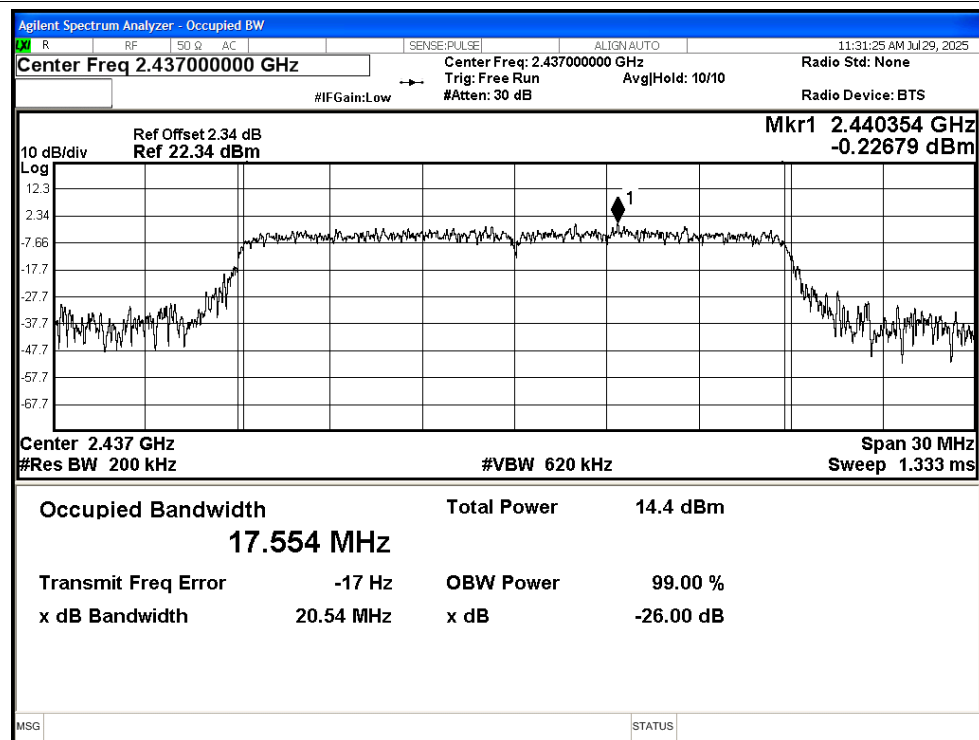
OBW NVNT g 2462MHz Ant2



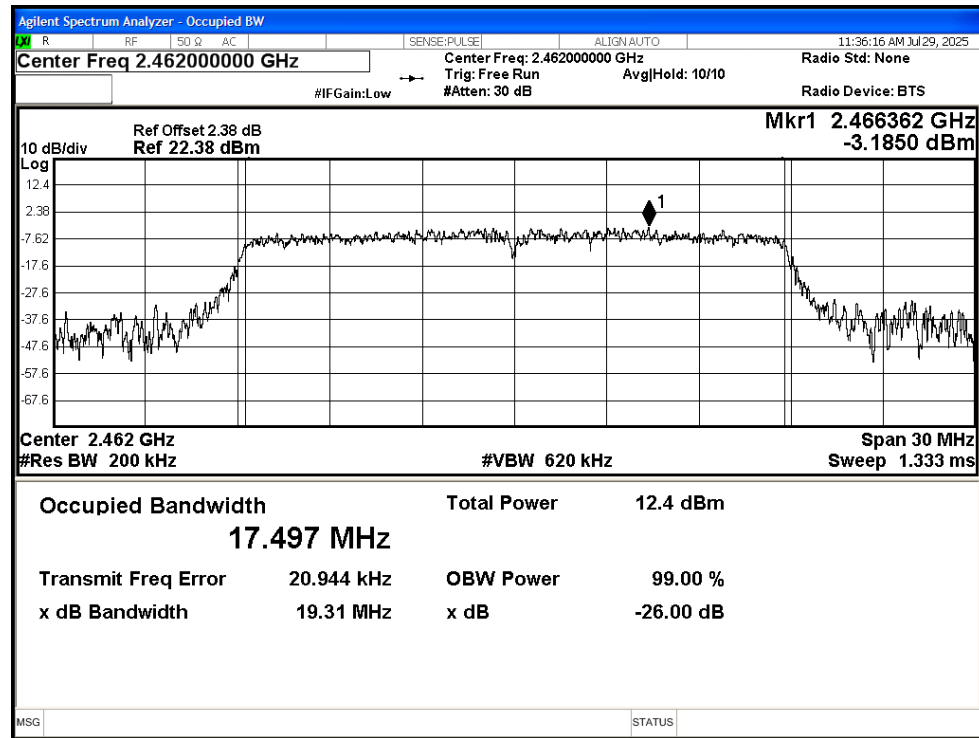
OBW NVNT n20 2412MHz Ant2



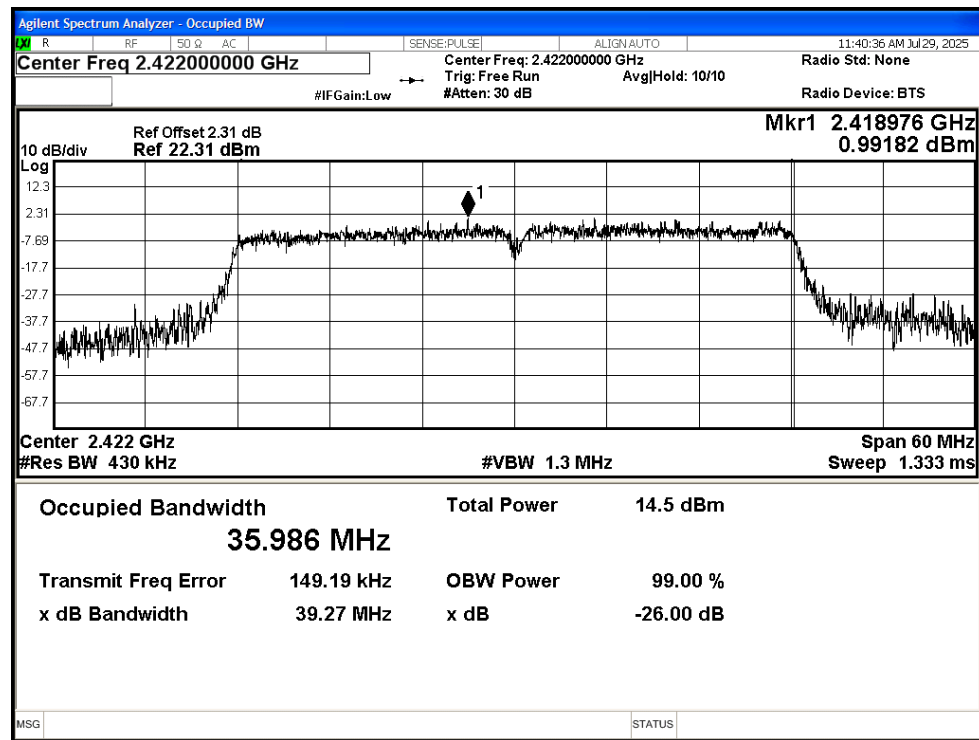
OBW NVNT n20 2437MHz Ant2



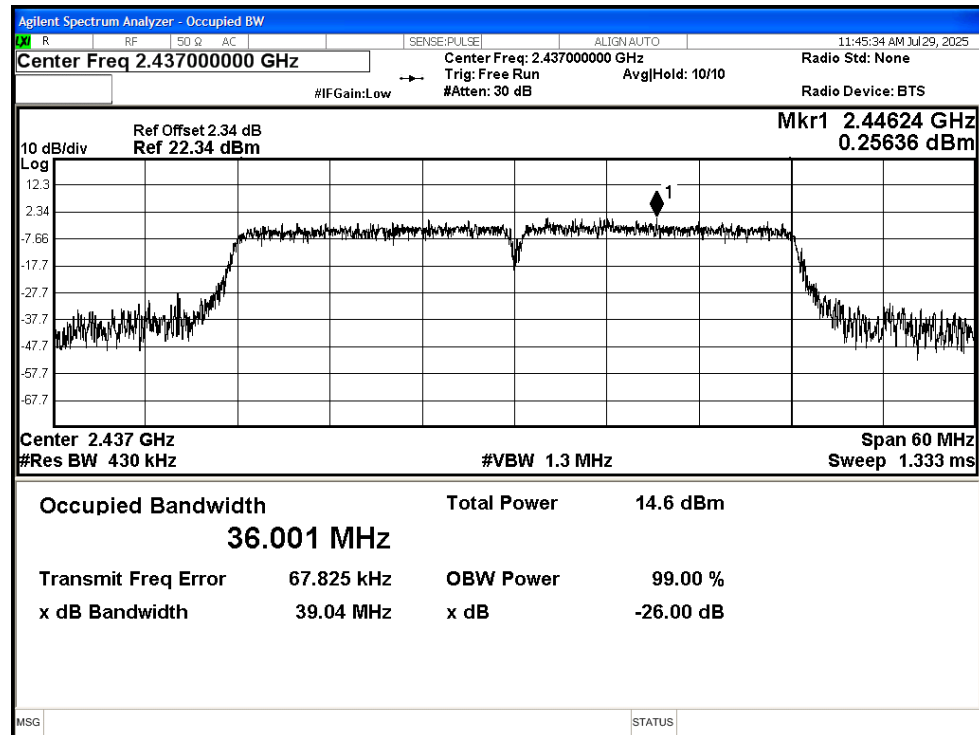
OBW NVNT n20 2462MHz Ant2



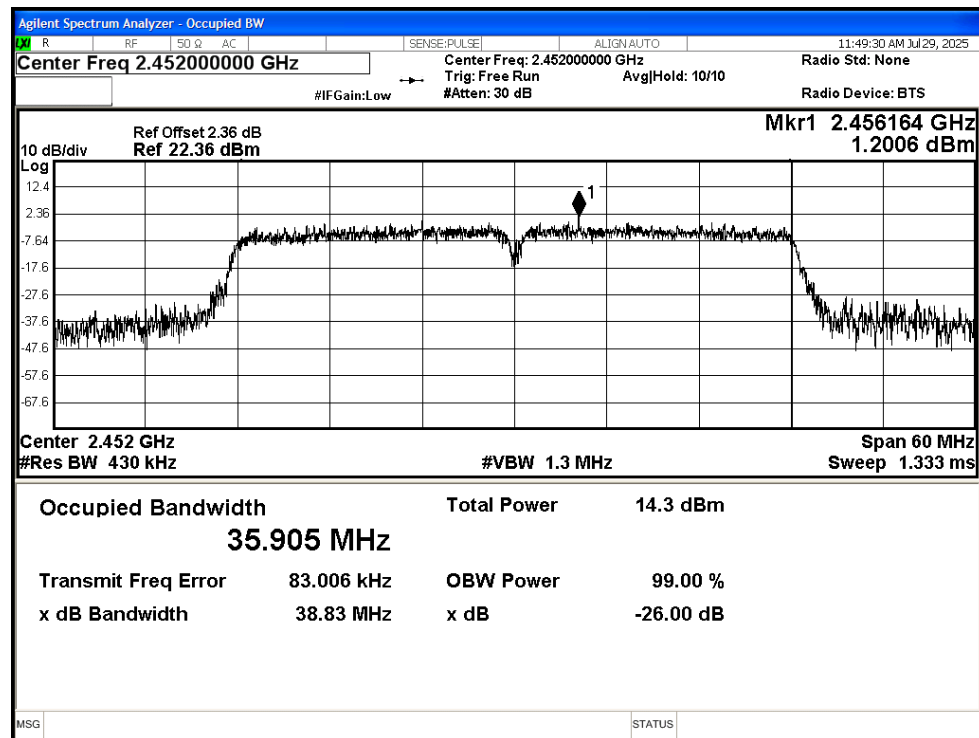
OBW NVNT n40 2422MHz Ant2



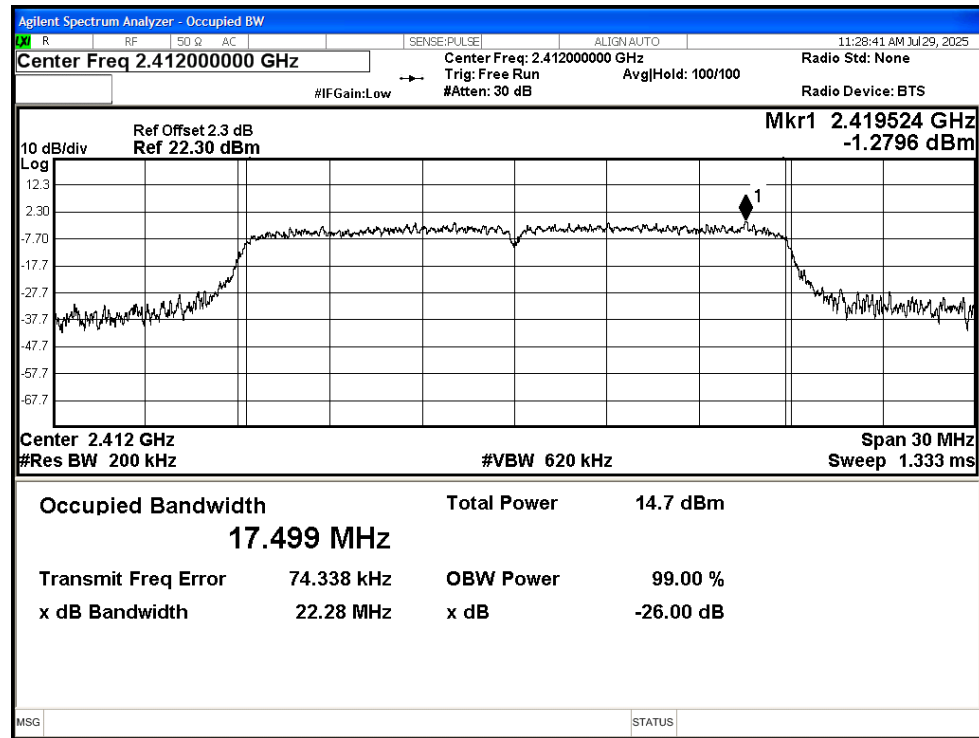
OBW NVNT n40 2437MHz Ant2



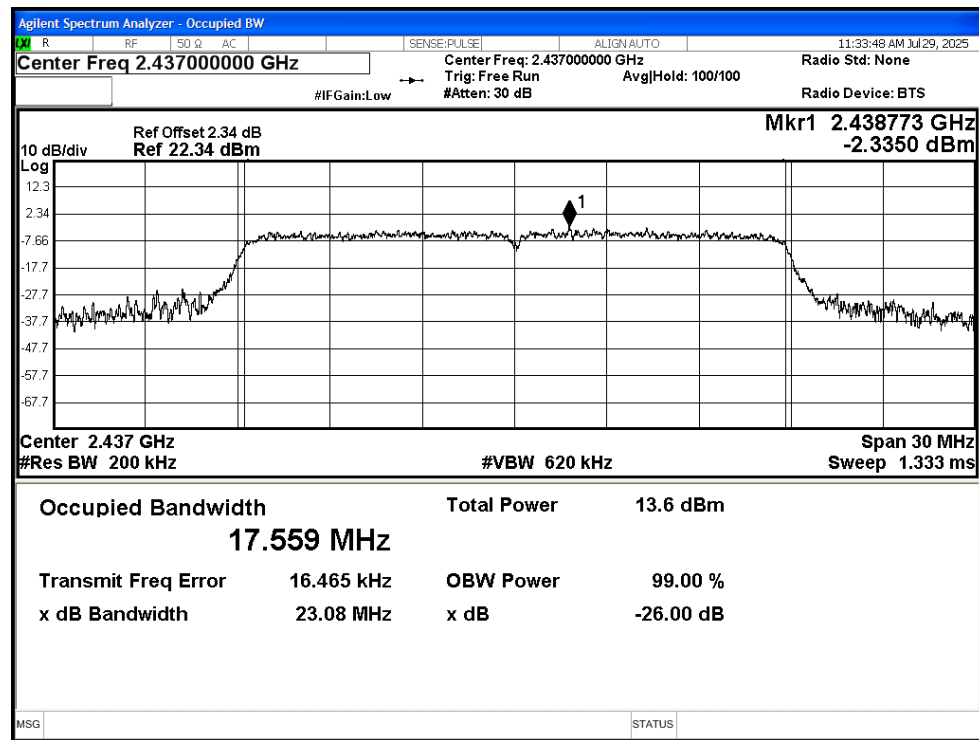
OBW NVNT n40 2452MHz Ant2



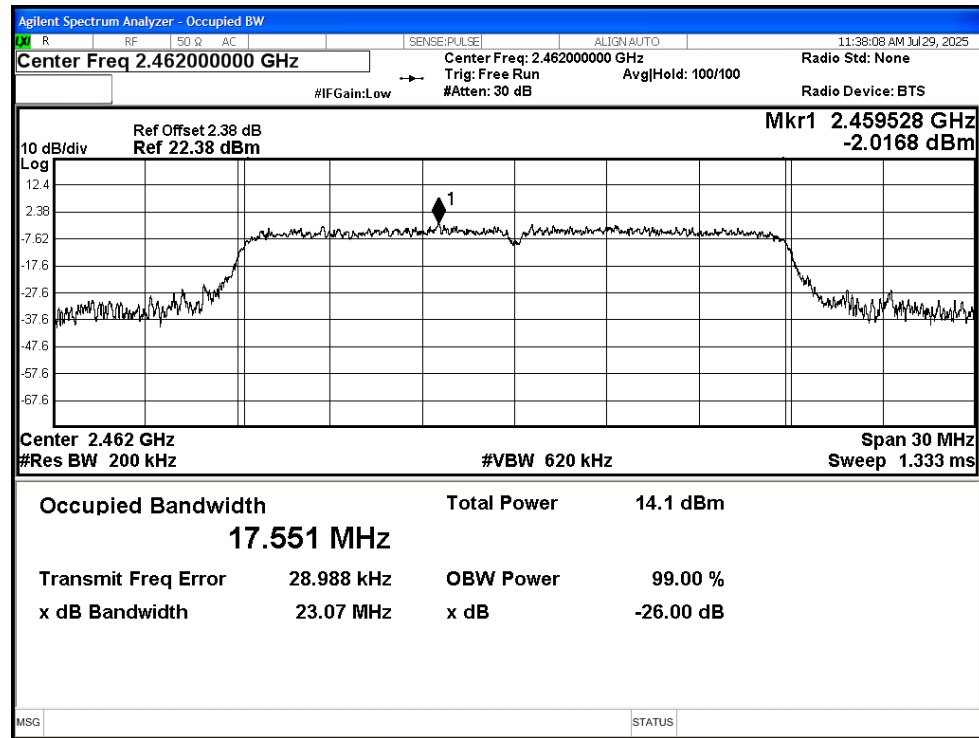
OBW NVNT ax20 2412MHz Ant2



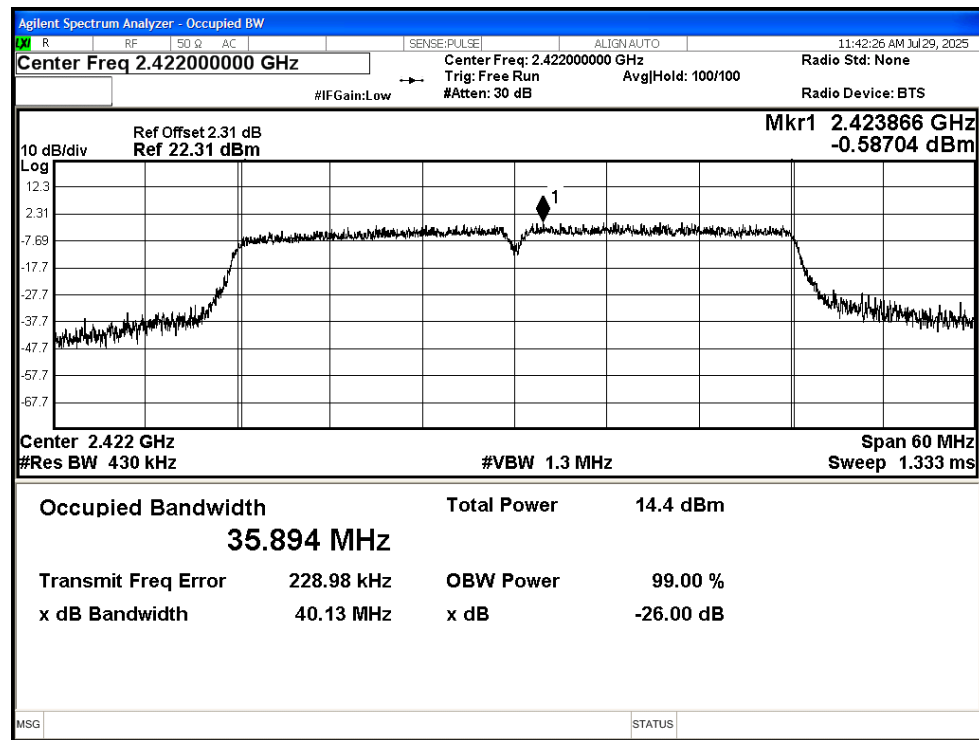
OBW NVNT ax20 2437MHz Ant2



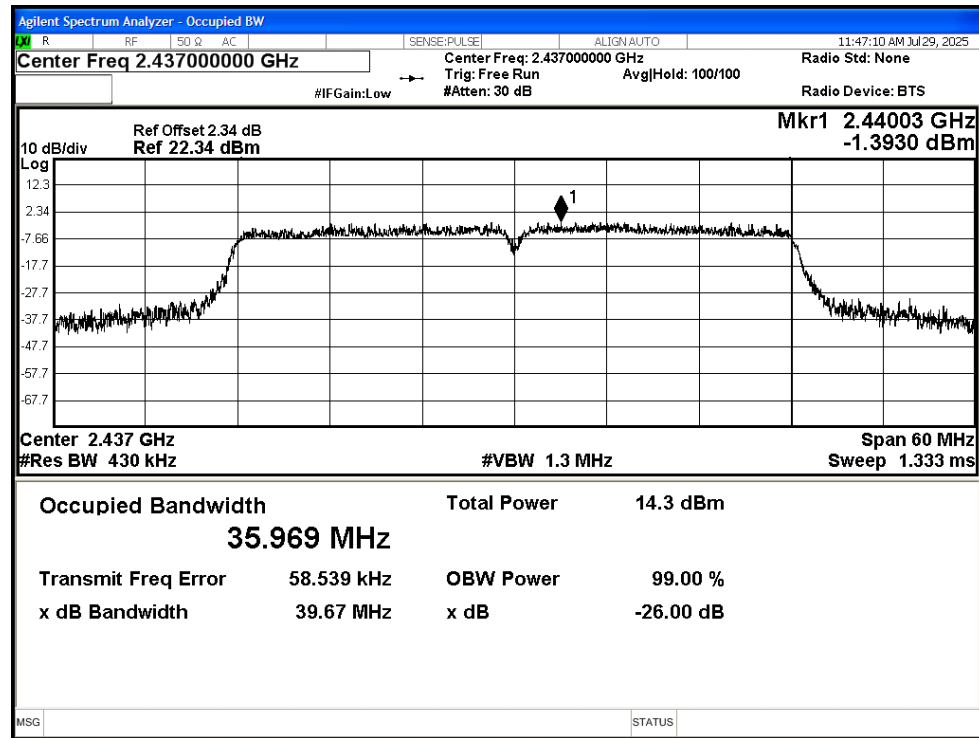
OBW NVNT ax20 2462MHz Ant2



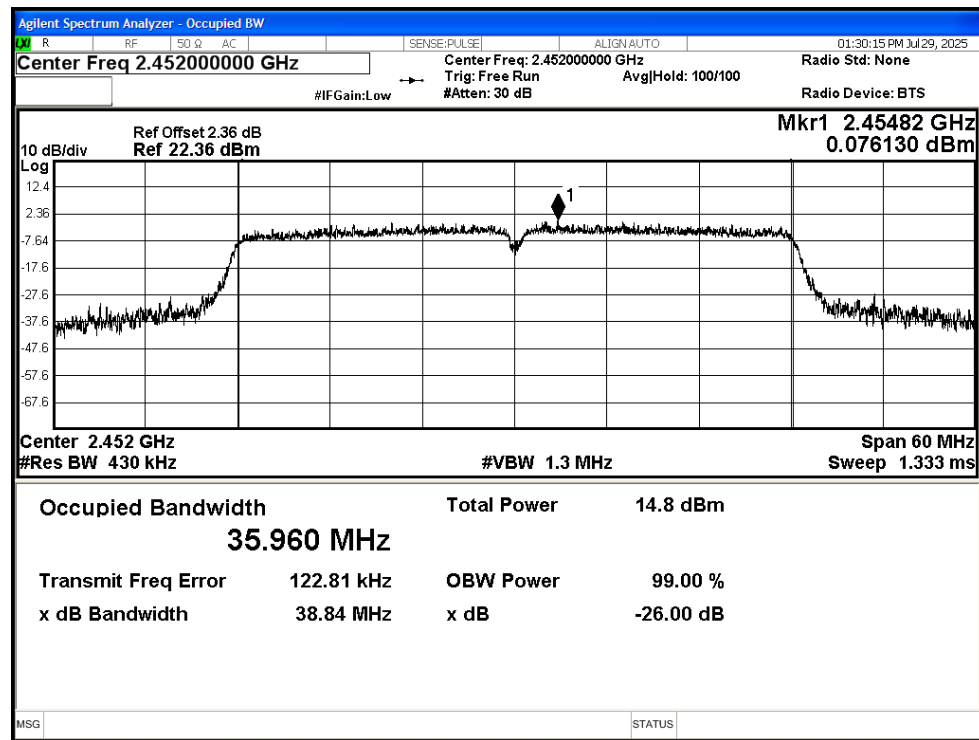
OBW NVNT ax40 2422MHz Ant2



OBW NVNT ax40 2437MHz Ant2



OBW NVNT ax40 2452MHz Ant2



3 Maximum Peak Conducted Output Power and e.i.r.p.

Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	14.65	30	Pass
NVNT	b	2437	Ant1	14.74	30	Pass
NVNT	b	2462	Ant1	15.01	30	Pass
NVNT	g	2412	Ant1	14.8	30	Pass
NVNT	g	2437	Ant1	13.83	30	Pass
NVNT	g	2462	Ant1	14.15	30	Pass
NVNT	n20	2412	Ant1	13.02	30	Pass
NVNT	n20	2437	Ant1	13.26	30	Pass
NVNT	n20	2462	Ant1	13.22	30	Pass
NVNT	n40	2422	Ant1	13.27	30	Pass
NVNT	n40	2437	Ant1	13.47	30	Pass
NVNT	n40	2452	Ant1	13.05	30	Pass
NVNT	ax20	2412	Ant1	13.8	30	Pass
NVNT	ax20	2437	Ant1	13.8	30	Pass
NVNT	ax20	2462	Ant1	13.08	30	Pass
NVNT	ax40	2422	Ant1	13.32	30	Pass
NVNT	ax40	2437	Ant1	13.15	30	Pass
NVNT	ax40	2452	Ant1	13.96	30	Pass

EIRP

Condition	Mode	Frequency (MHz)	Antenna	Maximum Peak Output Power [dBm]	Antenna Gain	Report EIRP Power(dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	14.65	4.01	18.66	36	Pass
NVNT	b	2437	Ant1	14.74	4.01	18.75	36	Pass
NVNT	b	2462	Ant1	15.01	4.01	19.02	36	Pass
NVNT	g	2412	Ant1	14.8	4.01	18.81	36	Pass
NVNT	g	2437	Ant1	13.83	4.01	17.84	36	Pass
NVNT	g	2462	Ant1	14.15	4.01	18.16	36	Pass
NVNT	n20	2412	Ant1	13.02	4.01	17.03	36	Pass
NVNT	n20	2437	Ant1	13.26	4.01	17.27	36	Pass
NVNT	n20	2462	Ant1	13.22	4.01	17.23	36	Pass
NVNT	n40	2422	Ant1	13.27	4.01	17.28	36	Pass
NVNT	n40	2437	Ant1	13.47	4.01	17.48	36	Pass
NVNT	n40	2452	Ant1	13.05	4.01	17.06	36	Pass
NVNT	ax20	2412	Ant1	13.8	4.01	17.81	36	Pass
NVNT	ax20	2437	Ant1	13.8	4.01	17.81	36	Pass
NVNT	ax20	2462	Ant1	13.08	4.01	17.09	36	Pass
NVNT	ax40	2422	Ant1	13.32	4.01	17.33	36	Pass
NVNT	ax40	2437	Ant1	13.15	4.01	17.16	36	Pass
NVNT	ax40	2452	Ant1	13.96	4.01	17.97	36	Pass

Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant2	15.03	30	Pass
NVNT	b	2437	Ant2	13.94	30	Pass
NVNT	b	2462	Ant2	14.41	30	Pass
NVNT	g	2412	Ant2	13.9	30	Pass
NVNT	g	2437	Ant2	14.07	30	Pass
NVNT	g	2462	Ant2	14.41	30	Pass
NVNT	n20	2412	Ant2	13.17	30	Pass
NVNT	n20	2437	Ant2	13.39	30	Pass
NVNT	n20	2462	Ant2	13.28	30	Pass
NVNT	n40	2422	Ant2	13.66	30	Pass
NVNT	n40	2437	Ant2	13.81	30	Pass
NVNT	n40	2452	Ant2	13.47	30	Pass
NVNT	ax20	2412	Ant2	13.97	30	Pass
NVNT	ax20	2437	Ant2	13.92	30	Pass
NVNT	ax20	2462	Ant2	13.42	30	Pass
NVNT	ax40	2422	Ant2	13.48	30	Pass
NVNT	ax40	2437	Ant2	13.36	30	Pass
NVNT	ax40	2452	Ant2	13.86	30	Pass

EIRP

Condition	Mode	Frequency (MHz)	Antenna	Maximum Peak Output Power [dBm]	Antenna Gain	Report EIRP Power(dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant2	15.03	4.01	19.04	36	Pass
NVNT	b	2437	Ant2	13.94	4.01	17.95	36	Pass
NVNT	b	2462	Ant2	14.41	4.01	18.42	36	Pass
NVNT	g	2412	Ant2	13.9	4.01	17.91	36	Pass
NVNT	g	2437	Ant2	14.07	4.01	18.08	36	Pass
NVNT	g	2462	Ant2	14.41	4.01	18.42	36	Pass
NVNT	n20	2412	Ant2	13.17	4.01	17.18	36	Pass
NVNT	n20	2437	Ant2	13.39	4.01	17.4	36	Pass
NVNT	n20	2462	Ant2	13.28	4.01	17.29	36	Pass
NVNT	n40	2422	Ant2	13.66	4.01	17.67	36	Pass
NVNT	n40	2437	Ant2	13.81	4.01	17.82	36	Pass
NVNT	n40	2452	Ant2	13.47	4.01	17.48	36	Pass
NVNT	ax20	2412	Ant2	13.97	4.01	17.98	36	Pass
NVNT	ax20	2437	Ant2	13.92	4.01	17.93	36	Pass
NVNT	ax20	2462	Ant2	13.42	4.01	17.43	36	Pass
NVNT	ax40	2422	Ant2	13.48	4.01	17.49	36	Pass
NVNT	ax40	2437	Ant2	13.36	4.01	17.37	36	Pass
NVNT	ax40	2452	Ant2	13.86	4.01	17.87	36	Pass

MIMO

Condition	Mode	Frequency (MHz)	Conducted Power (dBm)			Limit (dBm)	Verdict
			Ant1	Ant2	Ant1+Ant2		
NVNT	n20	2412	13.02	13.17	16.11	28.98	Pass
NVNT	n20	2437	13.26	13.39	16.34	28.98	Pass
NVNT	n20	2462	13.22	13.28	16.26	28.98	Pass
NVNT	n40	2422	13.27	13.66	16.48	28.98	Pass
NVNT	n40	2437	13.47	13.81	16.65	28.98	Pass
NVNT	n40	2452	13.05	13.47	16.28	28.98	Pass
NVNT	ax20	2412	13.8	13.97	16.90	28.98	Pass
NVNT	ax20	2437	13.8	13.92	16.87	28.98	Pass
NVNT	ax20	2462	13.08	13.42	16.26	28.98	Pass
NVNT	ax40	2422	13.32	13.48	16.41	28.98	Pass
NVNT	ax40	2437	13.15	13.36	16.27	28.98	Pass
NVNT	ax40	2452	13.96	13.86	16.92	28.98	Pass

EIRP MIMO

Condition	Mode	Frequency (MHz)	Conducted Power (dBm)			Limit (dBm)	Verdict
			Ant1	Ant2	Ant1+Ant2		
NVNT	n20	2412	17.03	17.18	20.12	36	Pass
NVNT	n20	2437	17.27	17.4	20.35	36	Pass
NVNT	n20	2462	17.23	17.29	20.27	36	Pass
NVNT	n40	2422	17.28	17.67	20.49	36	Pass
NVNT	n40	2437	17.48	17.82	20.66	36	Pass
NVNT	n40	2452	17.06	17.48	20.29	36	Pass
NVNT	ax20	2412	17.81	17.98	20.91	36	Pass
NVNT	ax20	2437	17.81	17.93	20.88	36	Pass
NVNT	ax20	2462	17.09	17.43	20.27	36	Pass
NVNT	ax40	2422	17.33	17.49	20.42	36	Pass
NVNT	ax40	2437	17.16	17.37	20.28	36	Pass
NVNT	ax40	2452	17.97	17.87	20.93	36	Pass

4 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-9.44	8	Pass
NVNT	b	2437	Ant1	-9.45	8	Pass
NVNT	b	2462	Ant1	-8.57	8	Pass
NVNT	g	2412	Ant1	-14.49	8	Pass
NVNT	g	2437	Ant1	-15.4	8	Pass
NVNT	g	2462	Ant1	-14.7	8	Pass
NVNT	n20	2412	Ant1	-15.92	8	Pass
NVNT	n20	2437	Ant1	-14.64	8	Pass
NVNT	n20	2462	Ant1	-17.34	8	Pass
NVNT	n40	2422	Ant1	-18.71	8	Pass
NVNT	n40	2437	Ant1	-18	8	Pass
NVNT	n40	2452	Ant1	-18.69	8	Pass
NVNT	ax20	2412	Ant1	-14.98	8	Pass
NVNT	ax20	2437	Ant1	-15.83	8	Pass
NVNT	ax20	2462	Ant1	-16.84	8	Pass
NVNT	ax40	2422	Ant1	-19.98	8	Pass
NVNT	ax40	2437	Ant1	-20.18	8	Pass
NVNT	ax40	2452	Ant1	-18.03	8	Pass

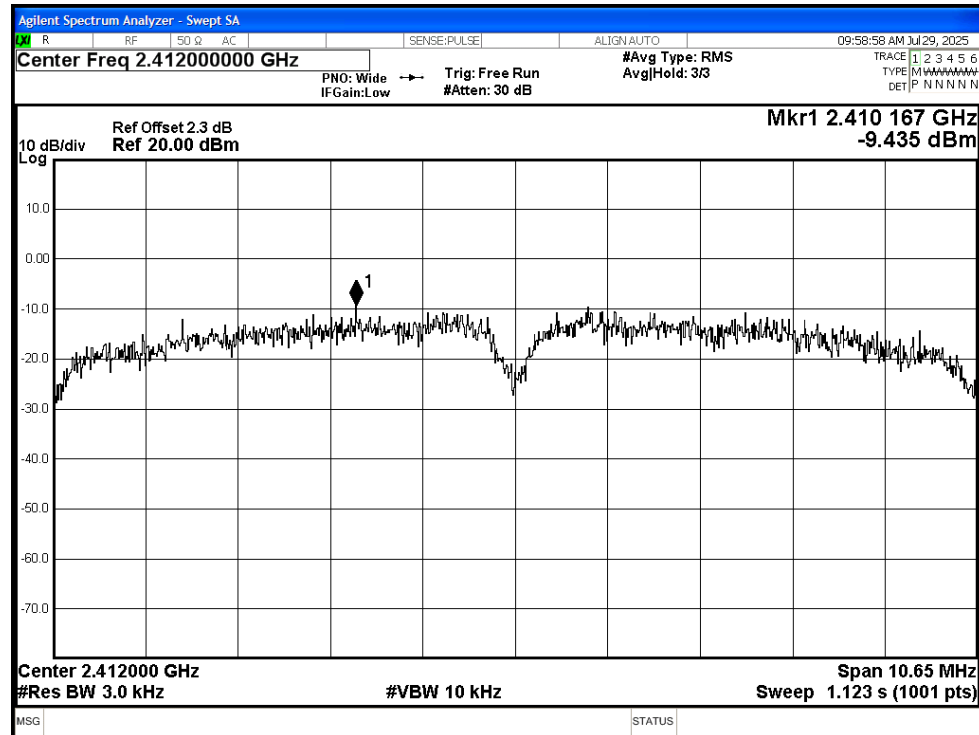
Condition	Mode	Frequency (MHz)	Antenna	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant2	-8.15	8	Pass
NVNT	b	2437	Ant2	-10.28	8	Pass
NVNT	b	2462	Ant2	-8.62	8	Pass
NVNT	g	2412	Ant2	-14.95	8	Pass
NVNT	g	2437	Ant2	-14.86	8	Pass
NVNT	g	2462	Ant2	-14.62	8	Pass
NVNT	n20	2412	Ant2	-14.9	8	Pass
NVNT	n20	2437	Ant2	-14.73	8	Pass
NVNT	n20	2462	Ant2	-16.07	8	Pass
NVNT	n40	2422	Ant2	-17.84	8	Pass
NVNT	n40	2437	Ant2	-17.93	8	Pass
NVNT	n40	2452	Ant2	-18.59	8	Pass
NVNT	ax20	2412	Ant2	-16.07	8	Pass
NVNT	ax20	2437	Ant2	-16.72	8	Pass
NVNT	ax20	2462	Ant2	-17.11	8	Pass
NVNT	ax40	2422	Ant2	-19.98	8	Pass
NVNT	ax40	2437	Ant2	-20.06	8	Pass
NVNT	ax40	2452	Ant2	-19.42	8	Pass

MIMO

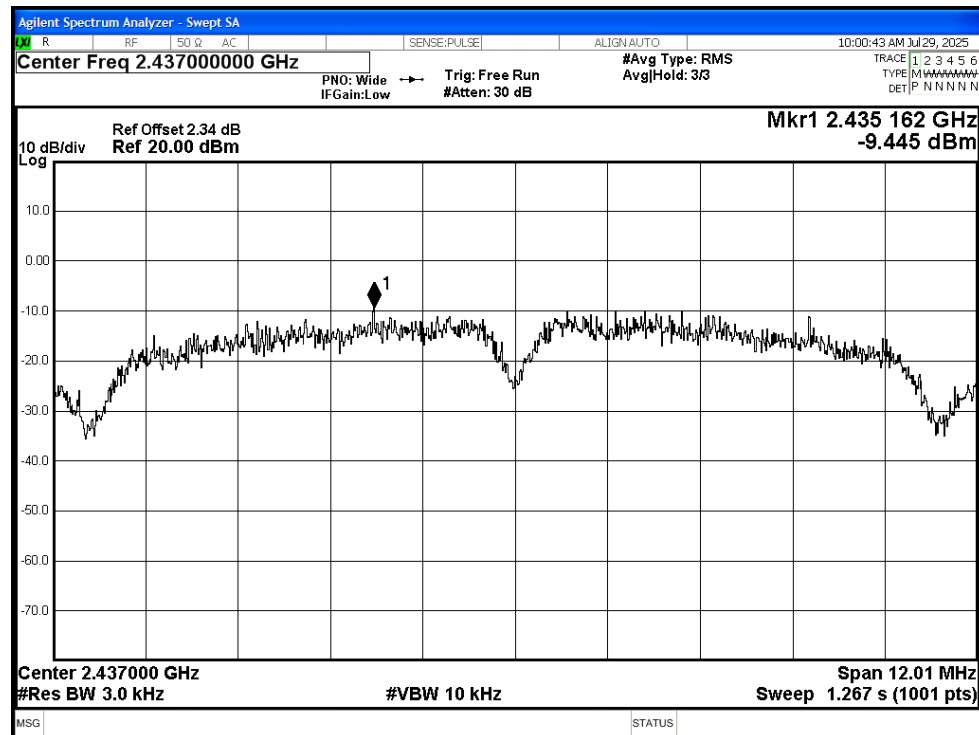
Condition	Mode	Frequency (MHz)	Conducted PSD (dBm/3kHz)			Limit (dBm)	Verdict
			Ant1	Ant2	Ant1+Ant2		
NVNT	n20	2412	-15.92	-14.9	-12.37	6.98	Pass
NVNT	n20	2437	-14.64	-14.73	-11.67	6.98	Pass
NVNT	n20	2462	-17.34	-16.07	-13.65	6.98	Pass
NVNT	n40	2422	-18.71	-17.84	-15.24	6.98	Pass
NVNT	n40	2437	-18	-17.93	-14.95	6.98	Pass
NVNT	n40	2452	-18.69	-18.59	-15.63	6.98	Pass
NVNT	ax20	2412	-14.98	-16.07	-12.48	6.98	Pass
NVNT	ax20	2437	-15.83	-16.72	-13.24	6.98	Pass
NVNT	ax20	2462	-16.84	-17.11	-13.96	6.98	Pass
NVNT	ax40	2422	-19.98	-19.98	-16.97	6.98	Pass
NVNT	ax40	2437	-20.18	-20.06	-17.11	6.98	Pass
NVNT	ax40	2452	-18.03	-19.42	-15.66	6.98	Pass

Test Graphs

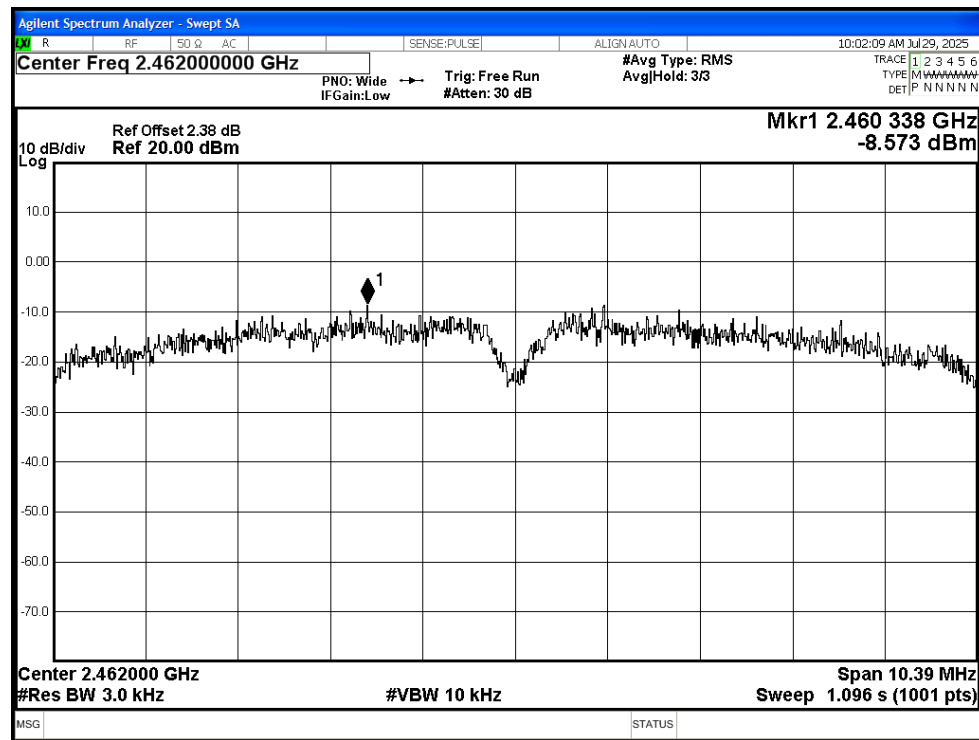
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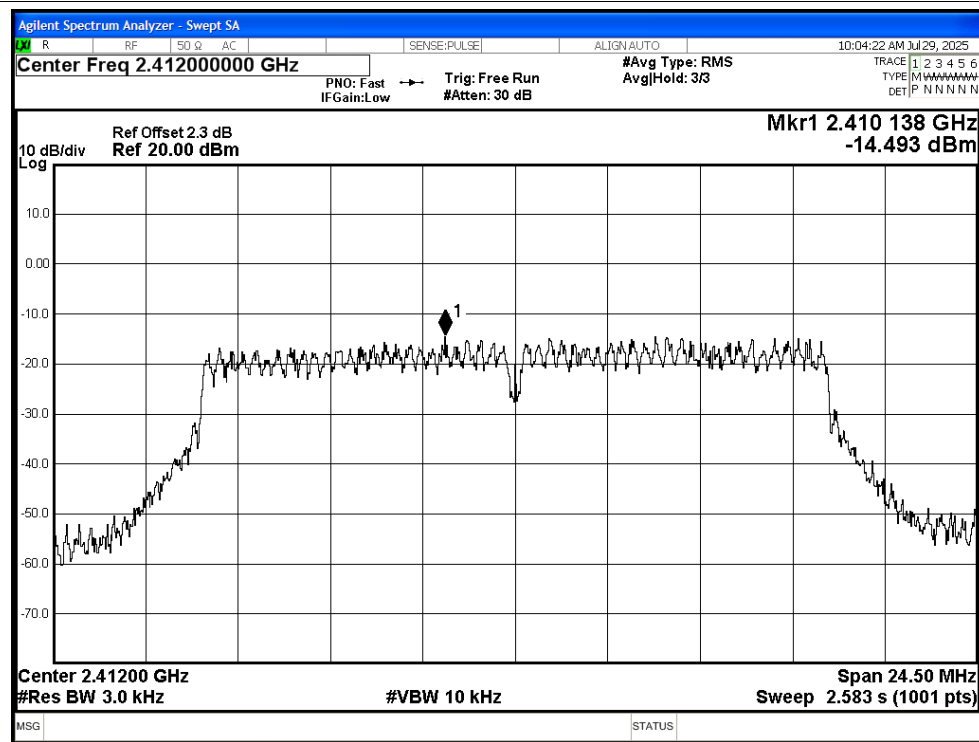
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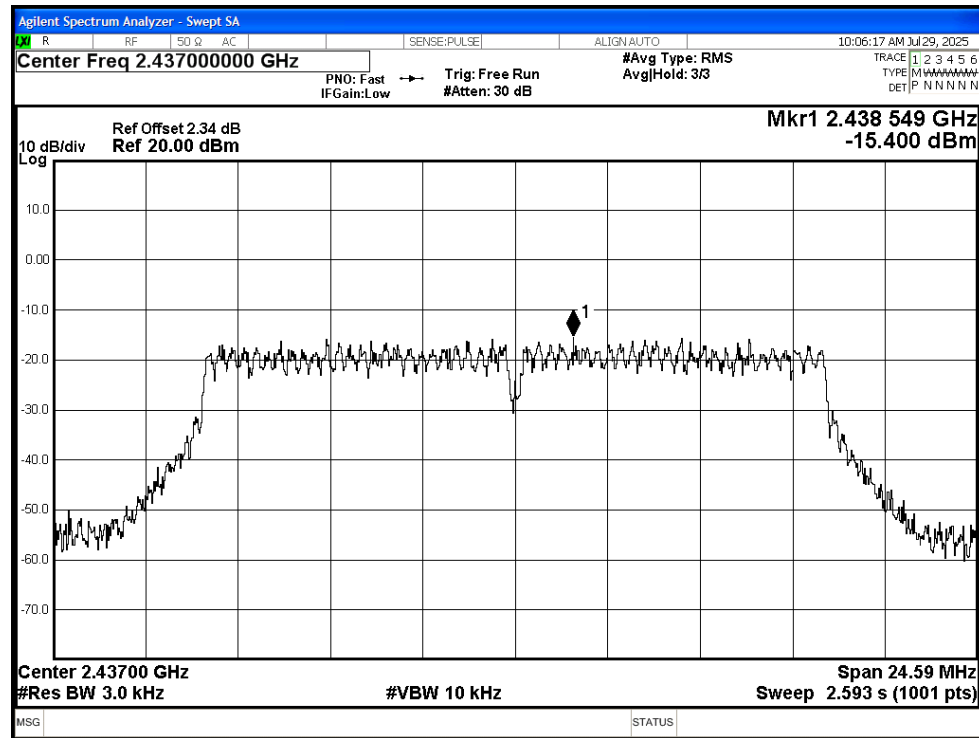
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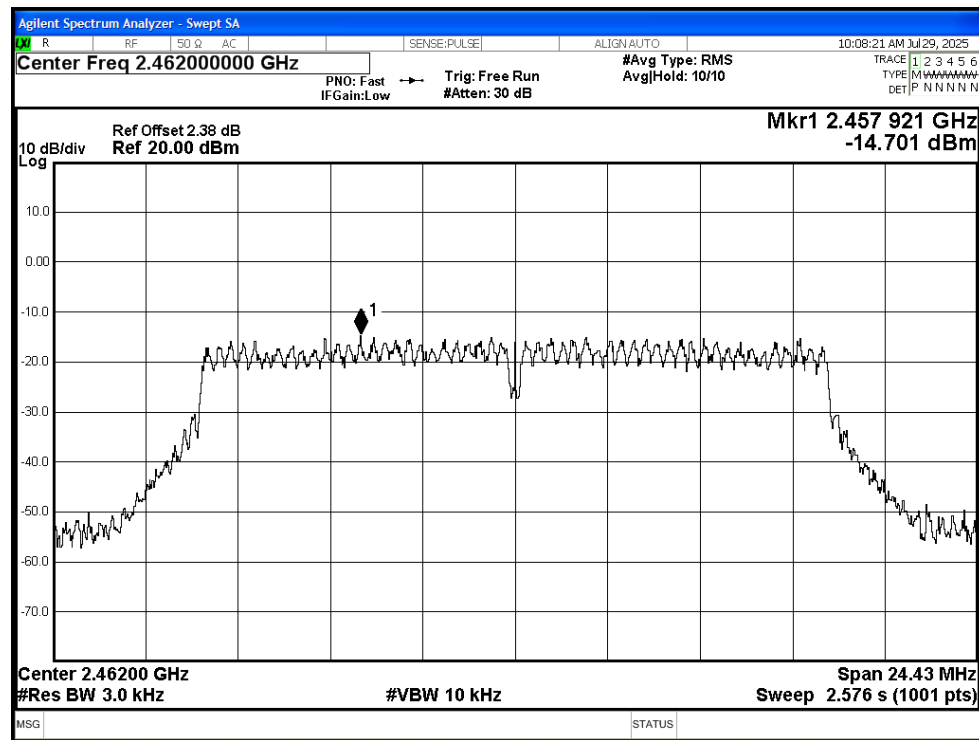
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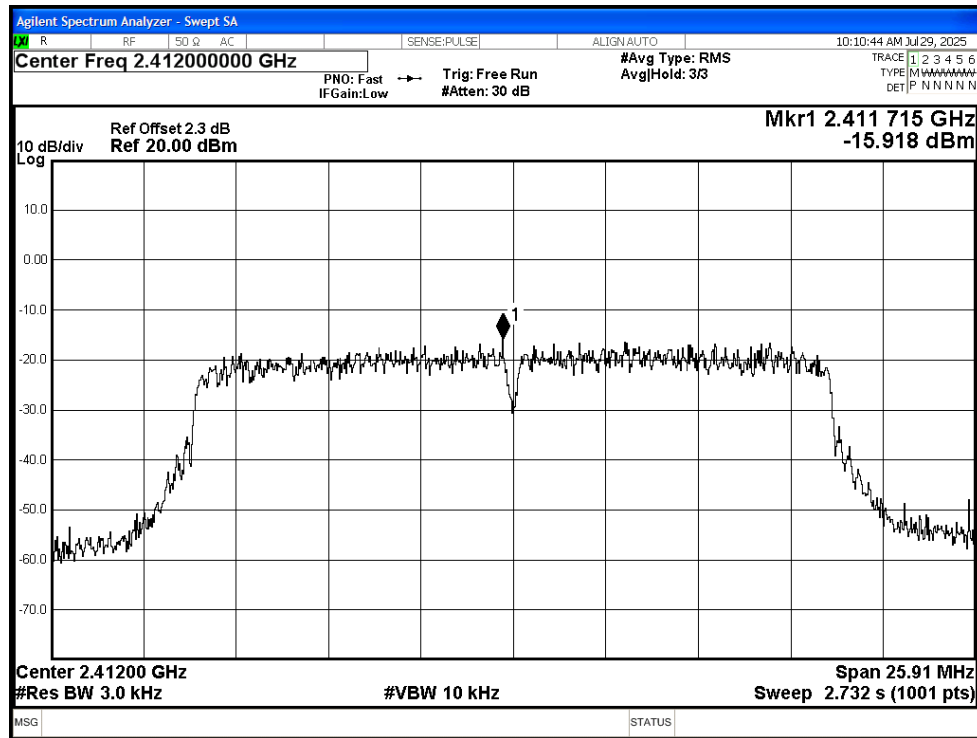
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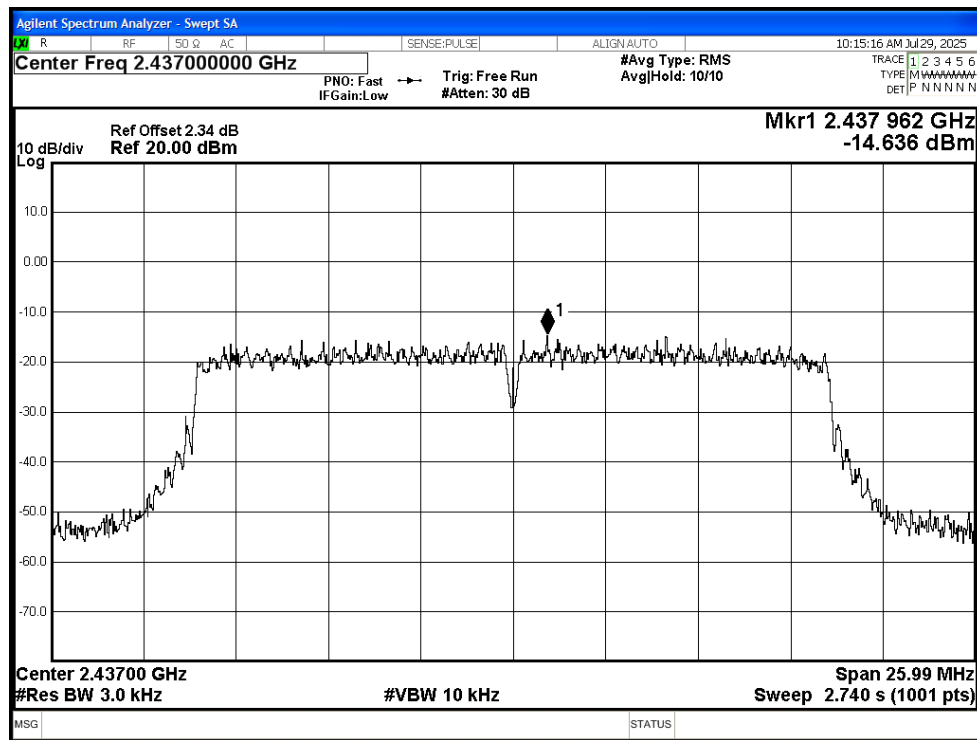
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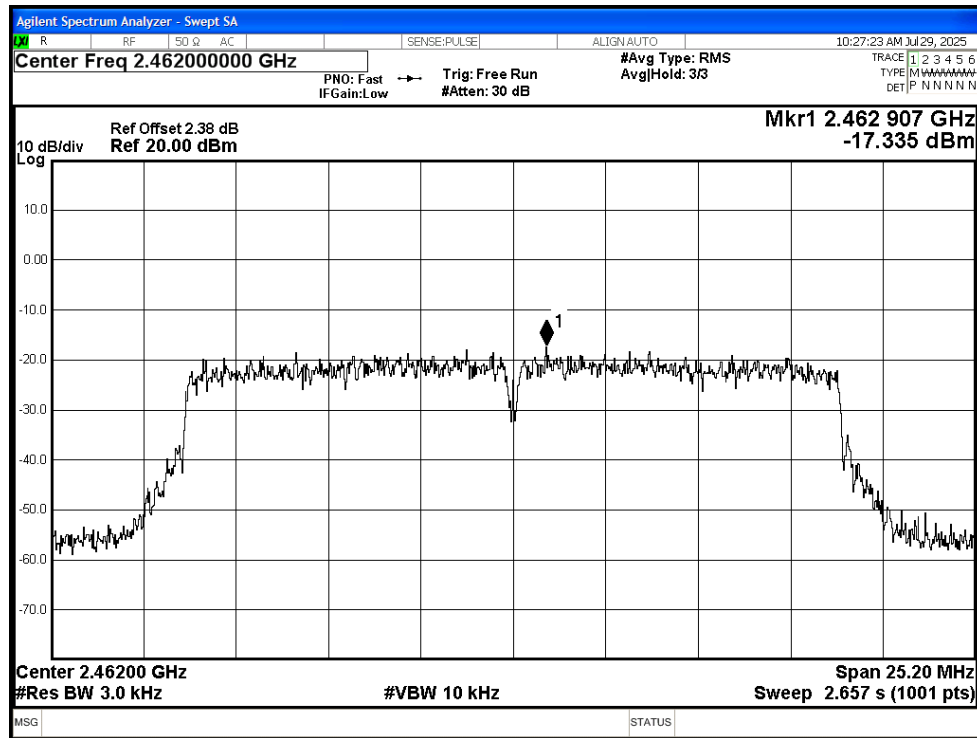
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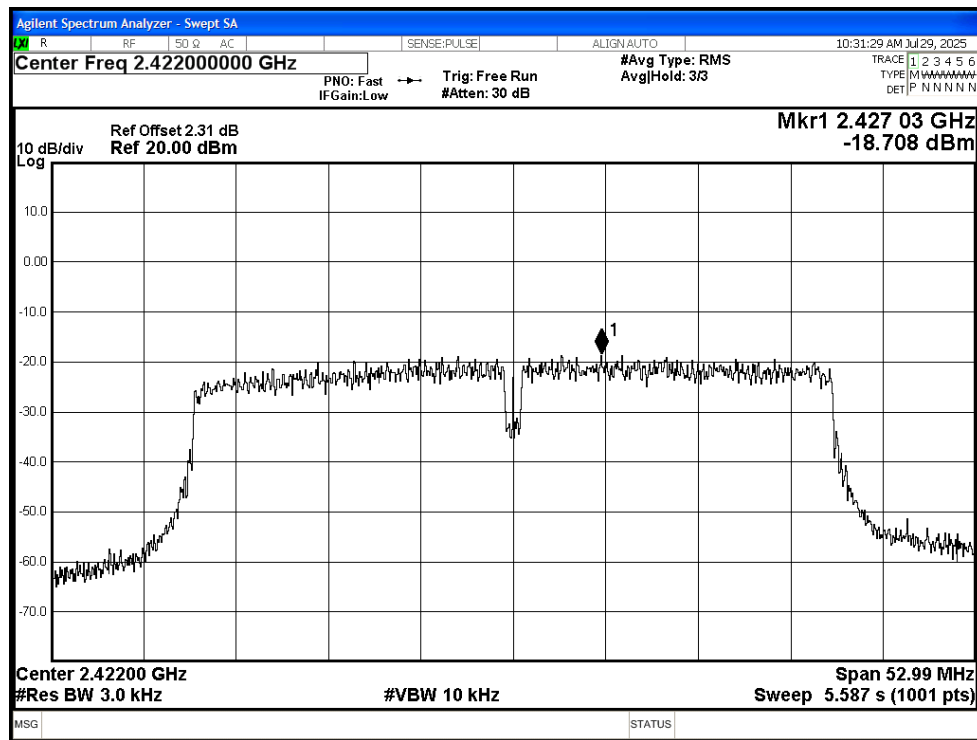
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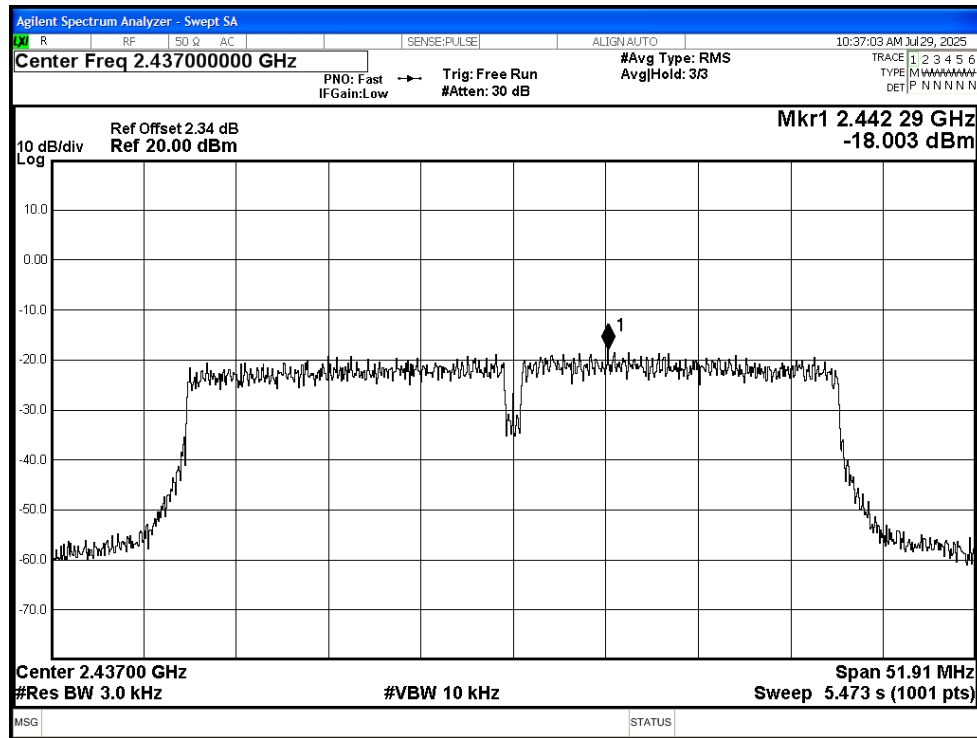
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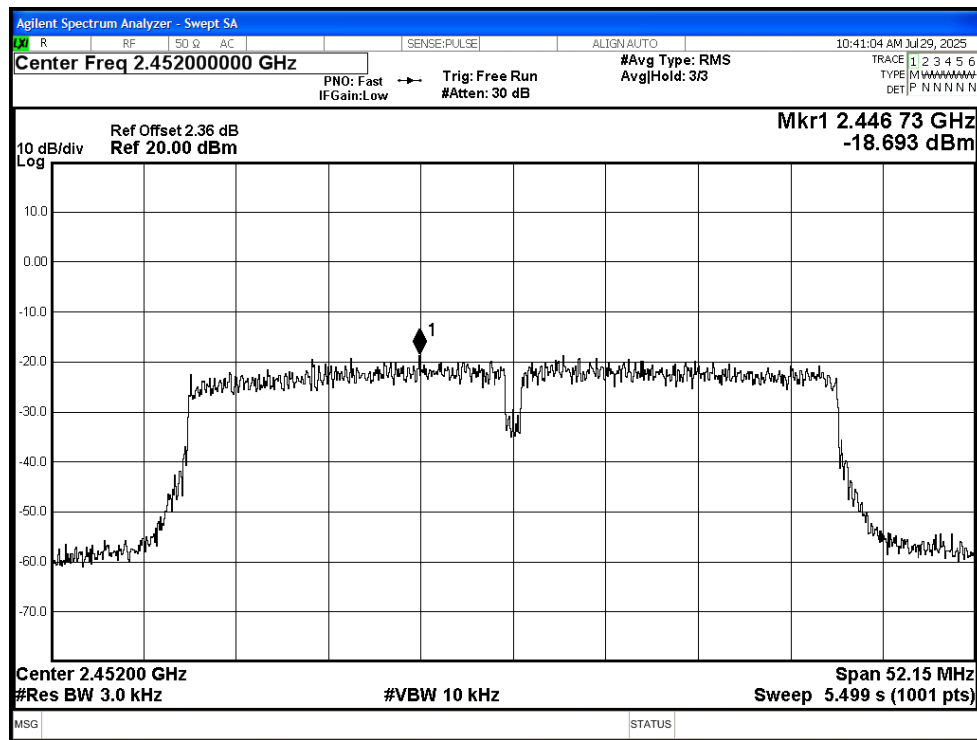
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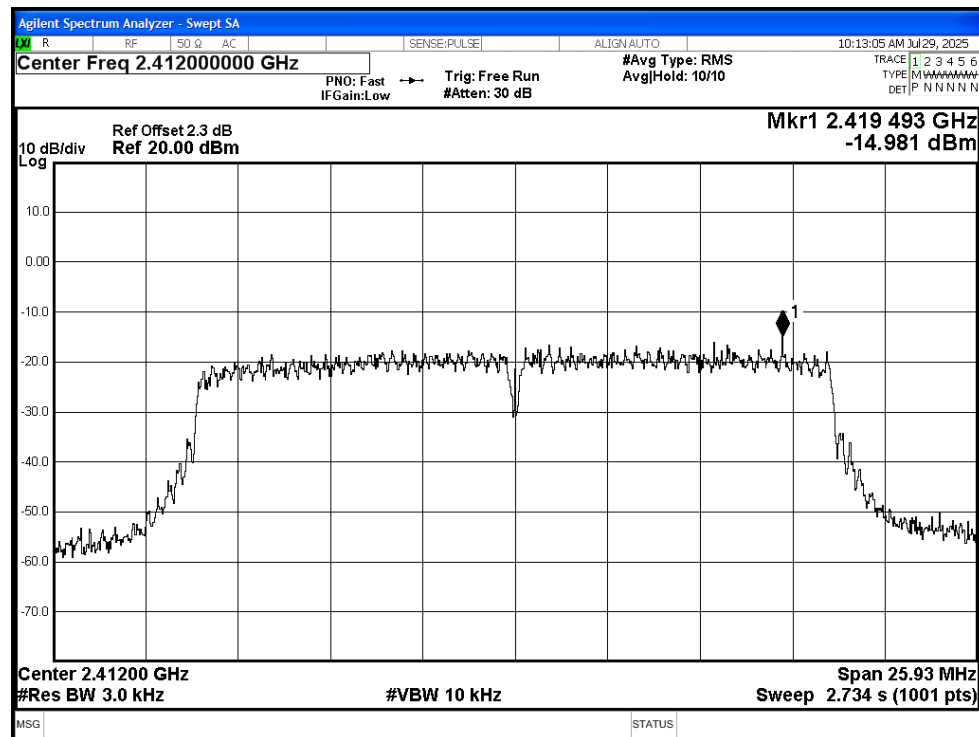
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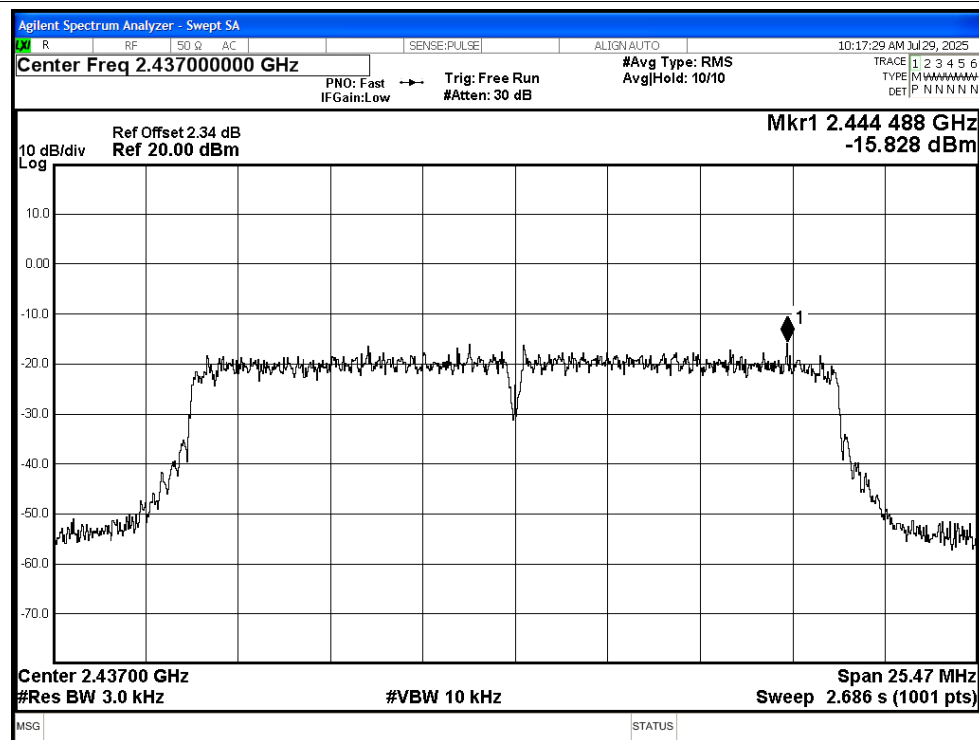
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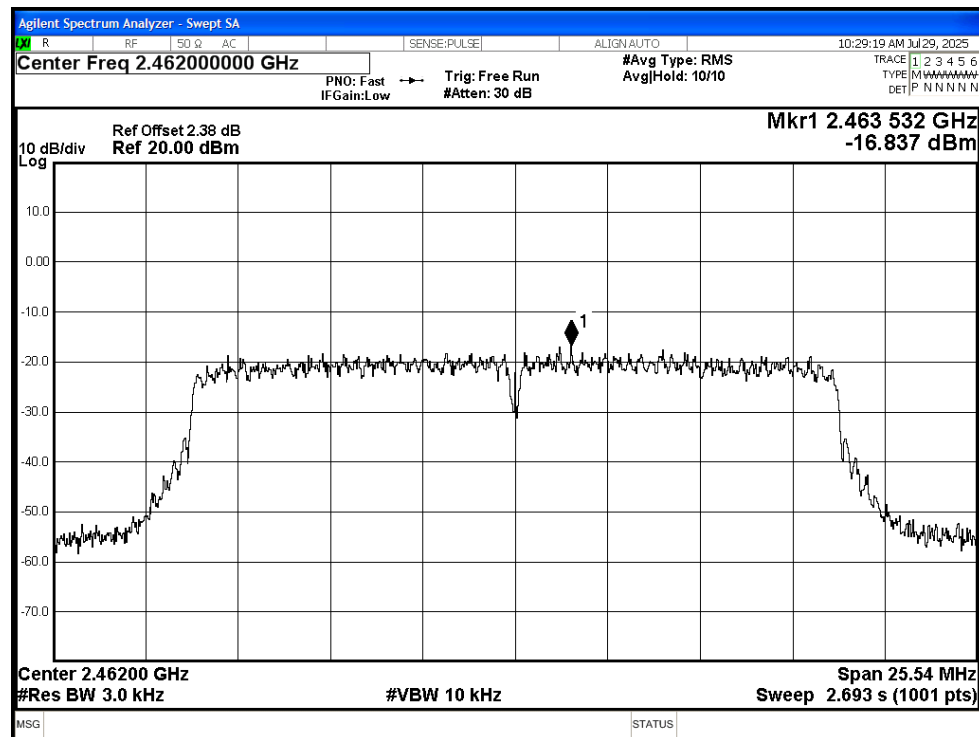
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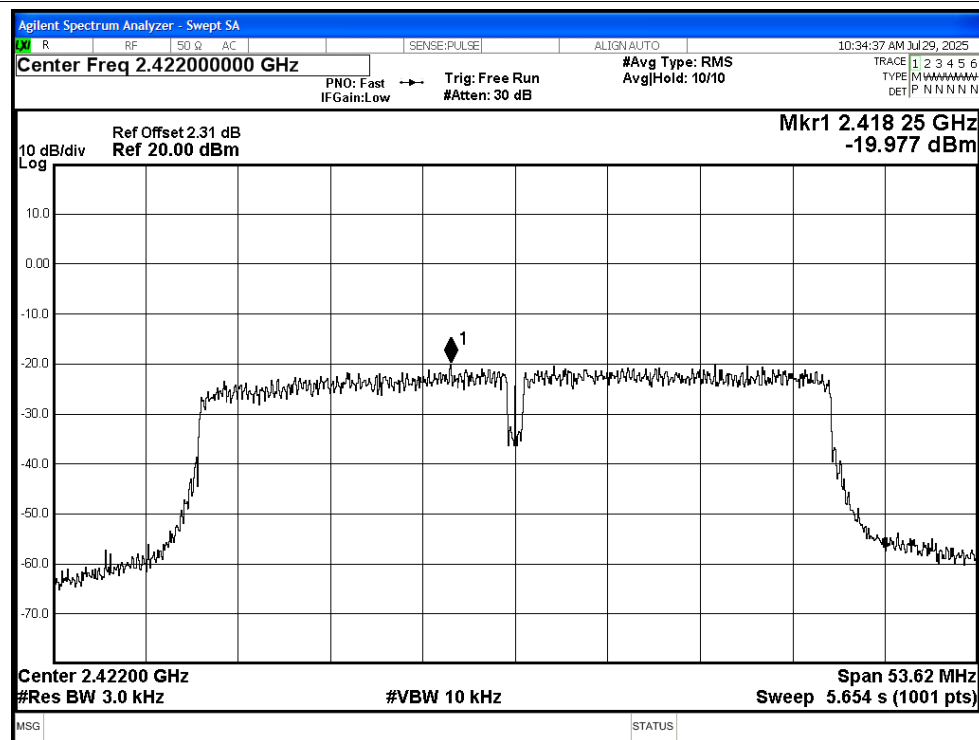
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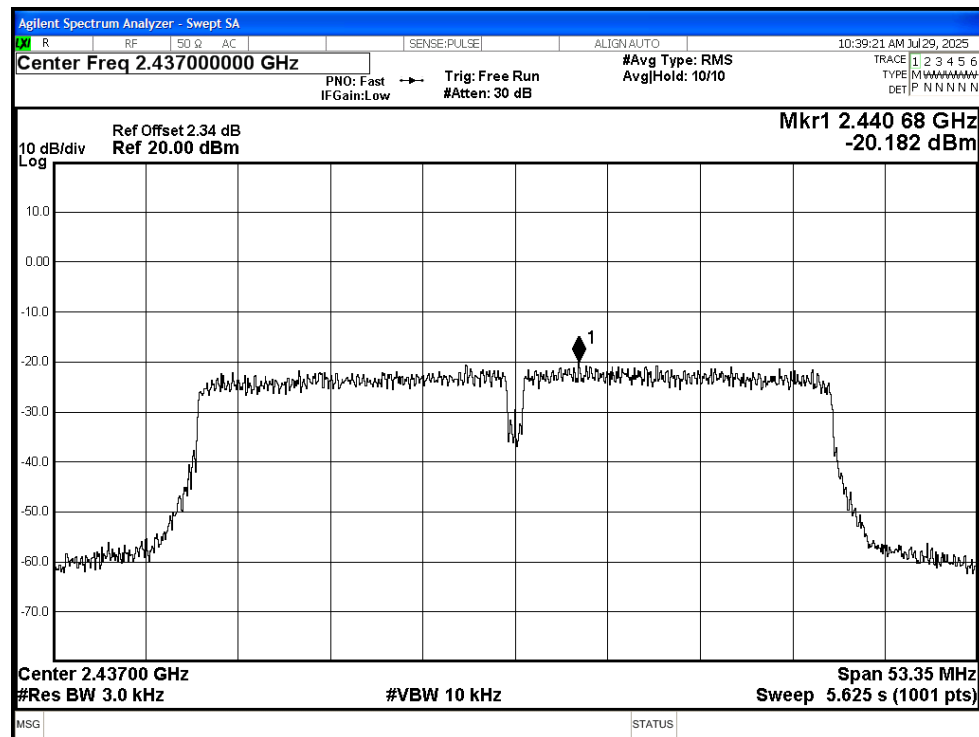
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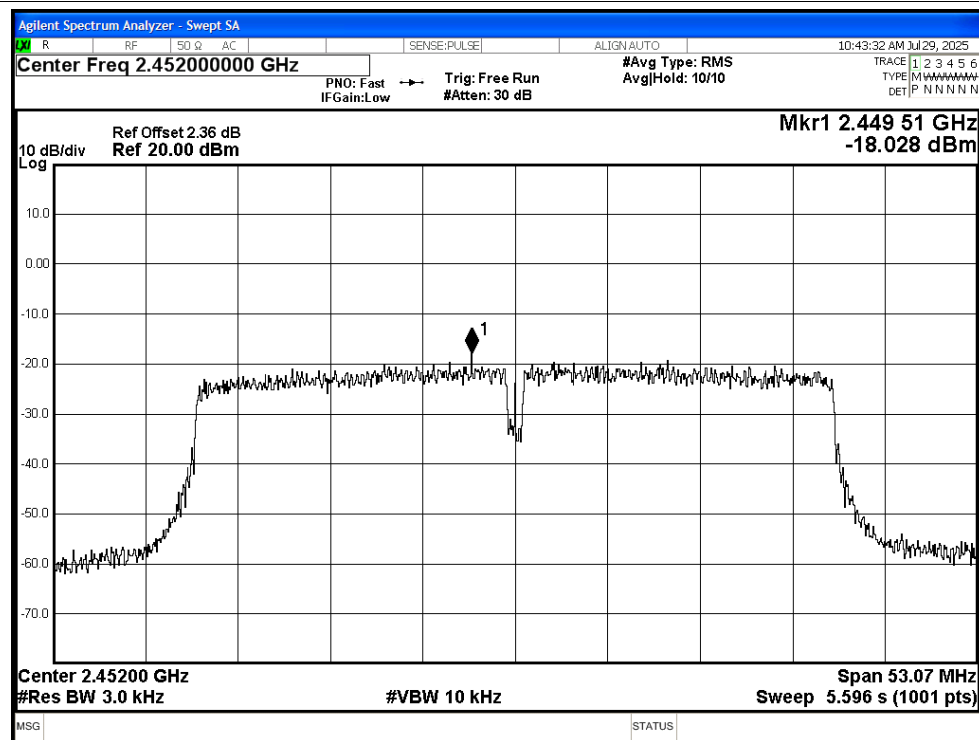
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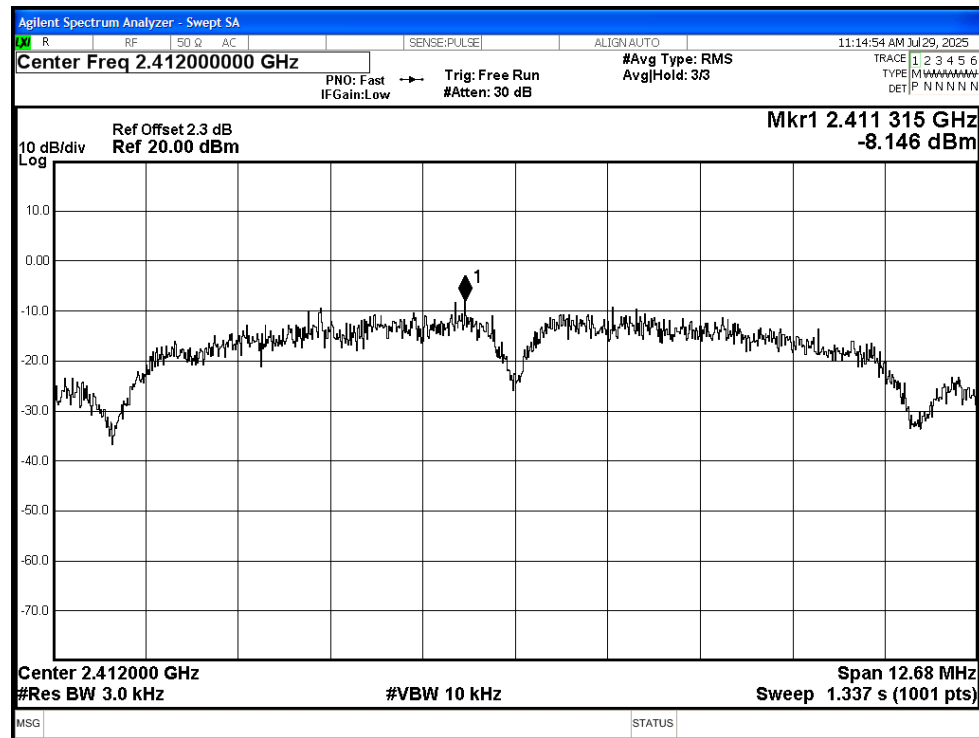
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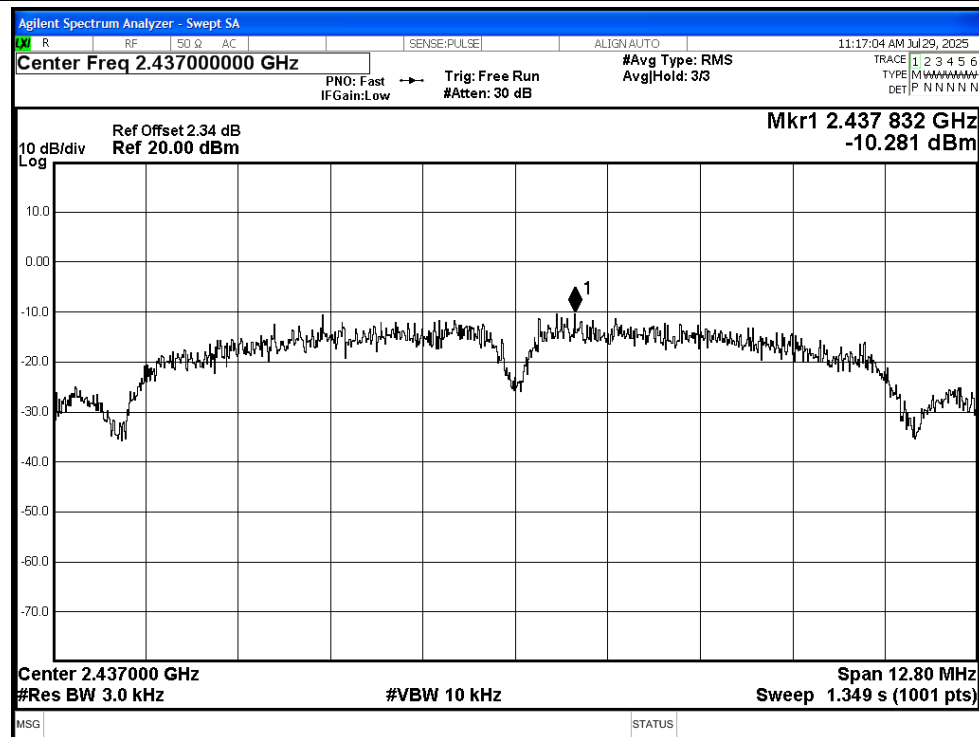
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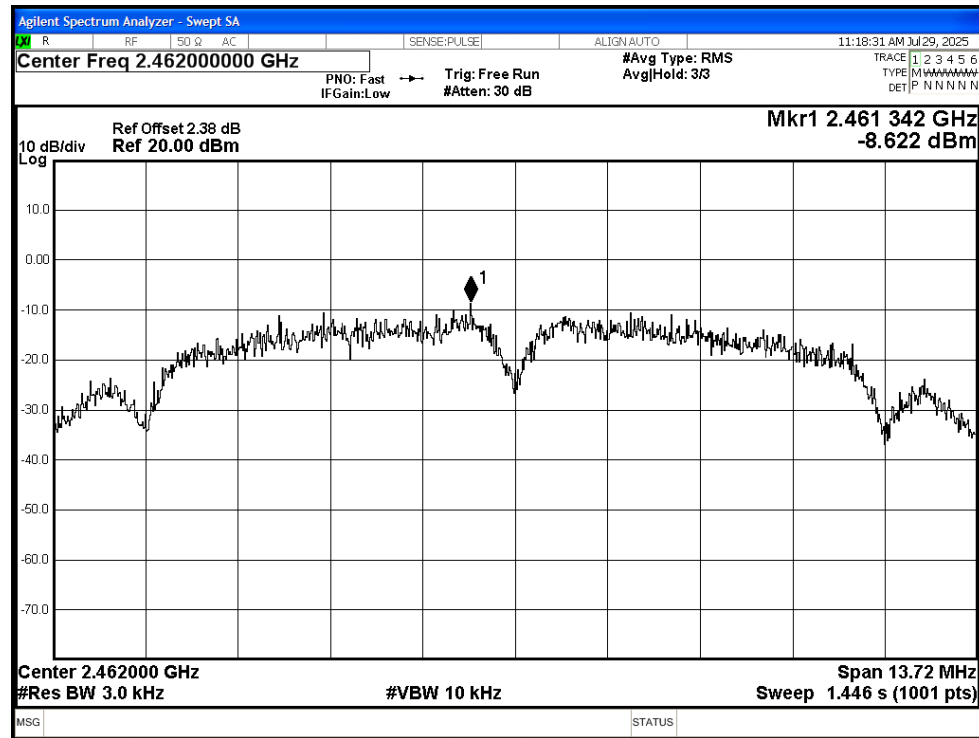
PSD NVNT b 2412MHz Ant2



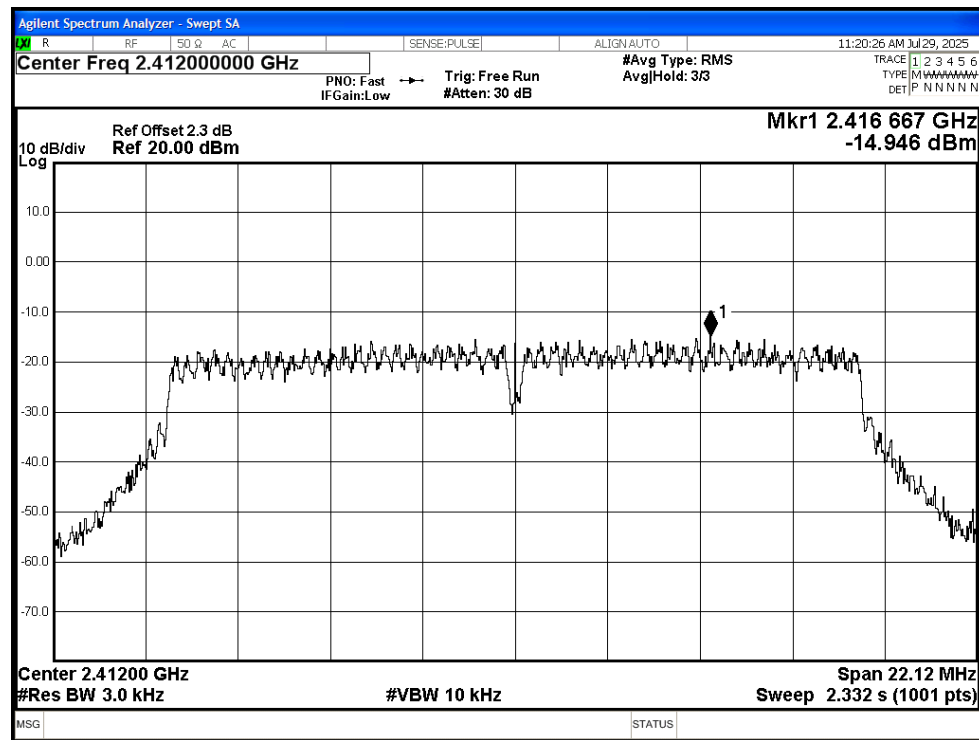
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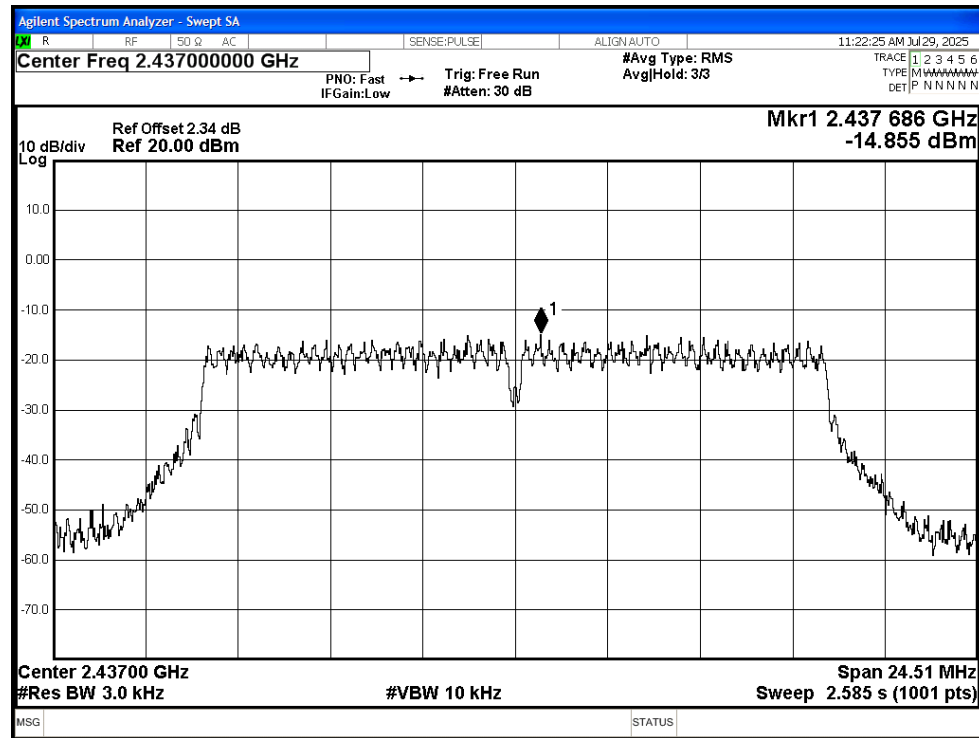
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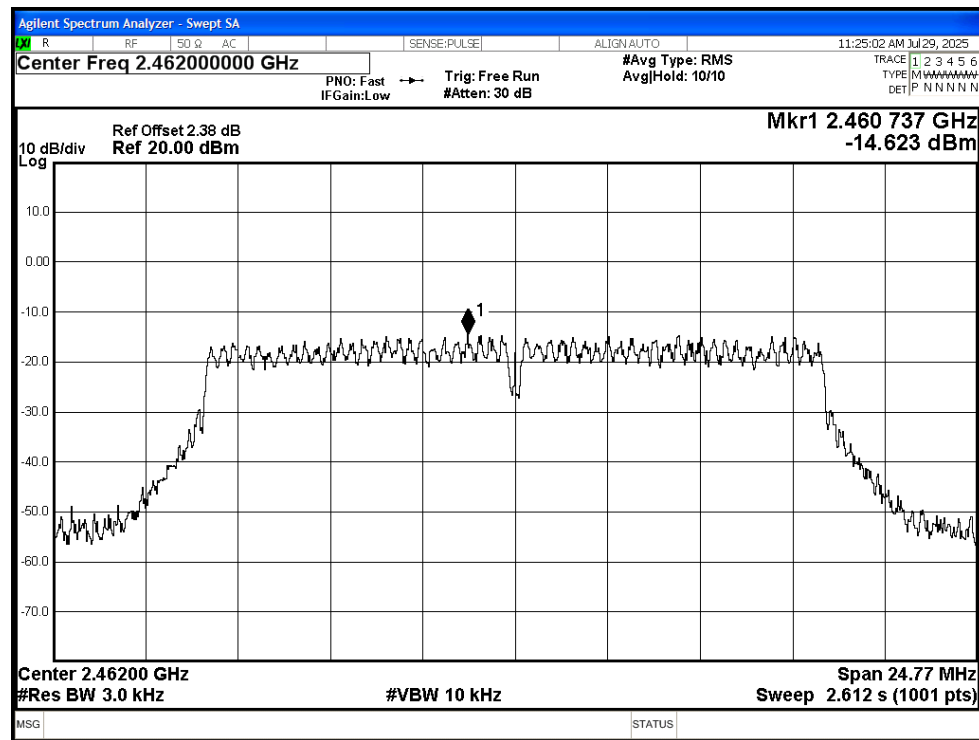
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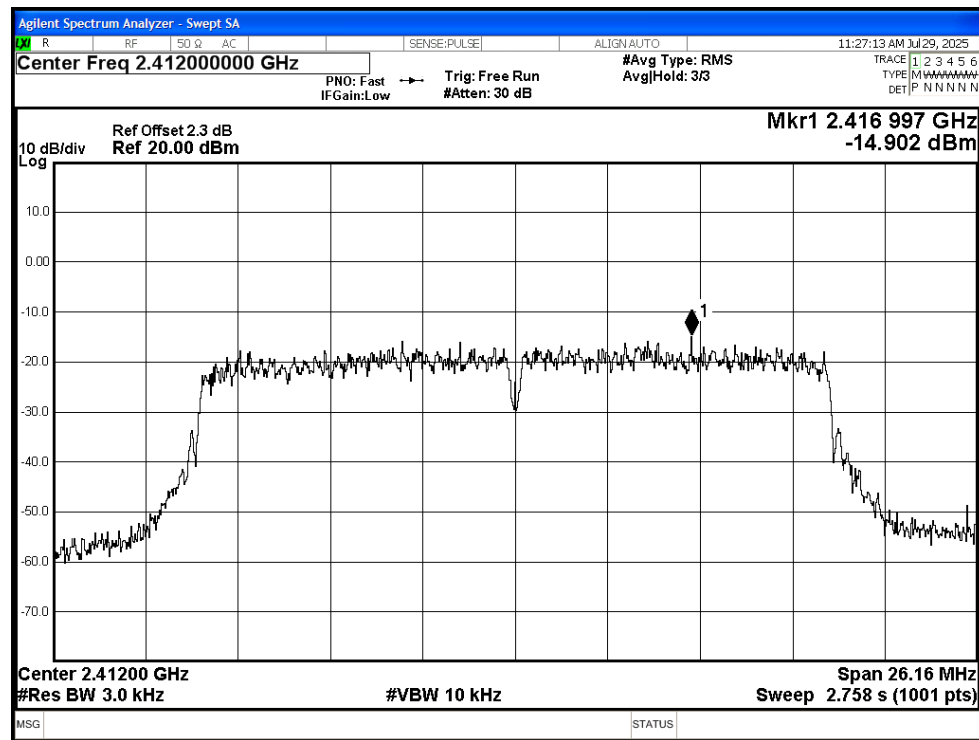
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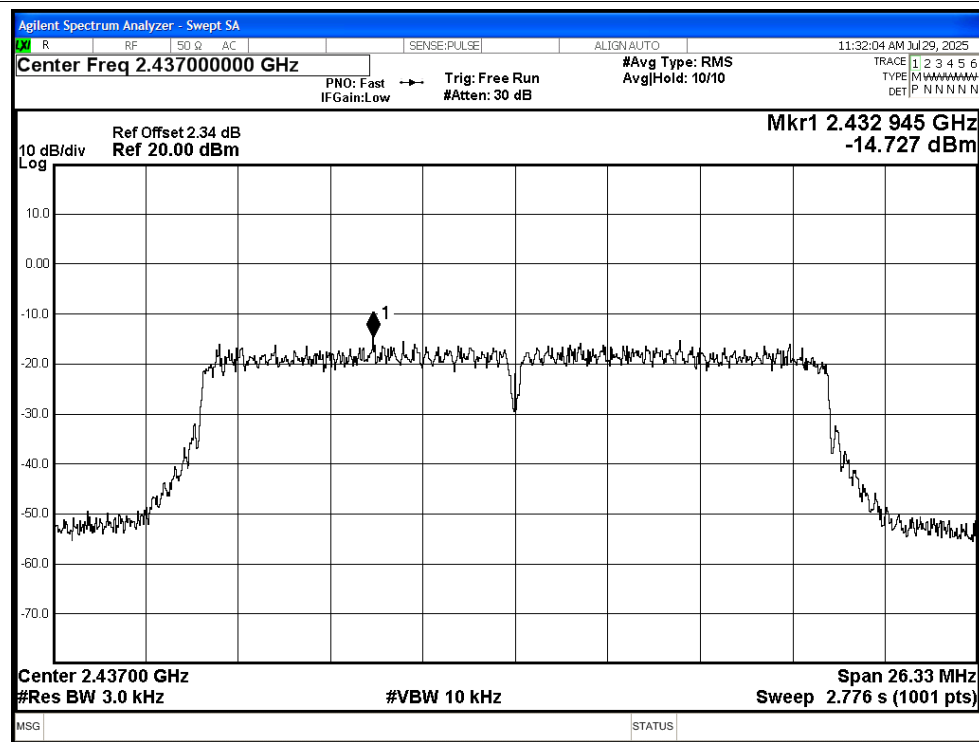
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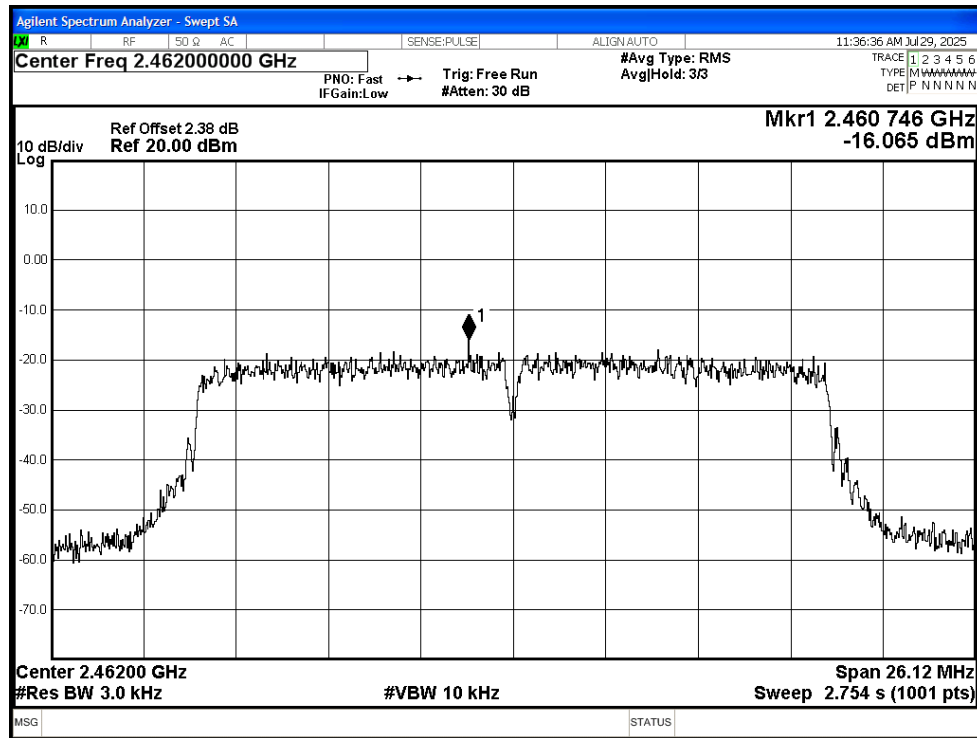
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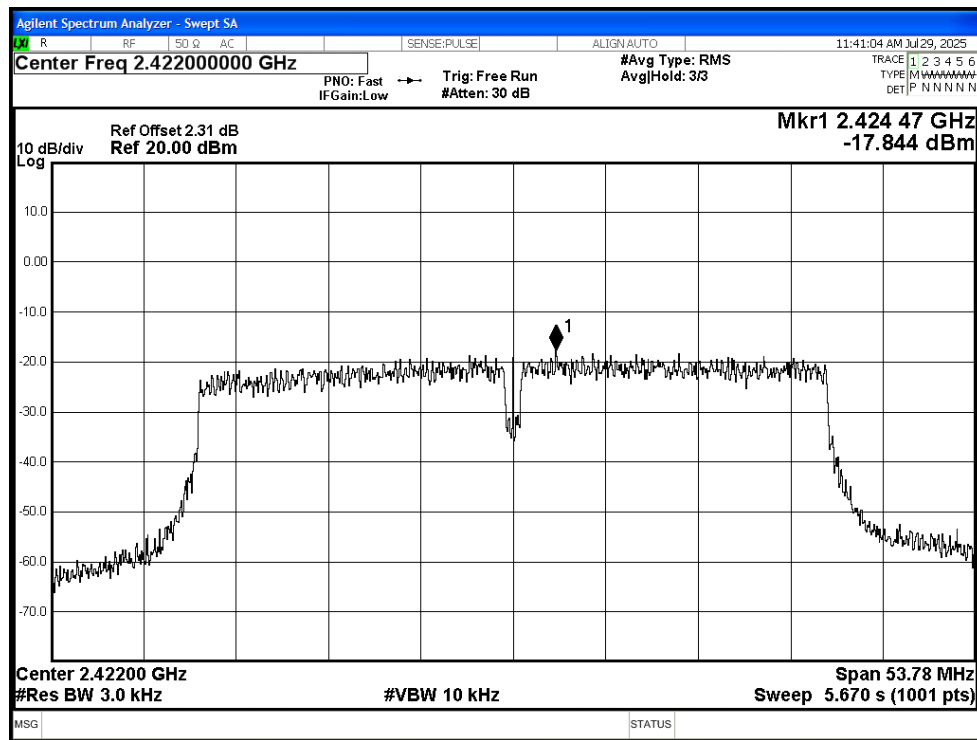
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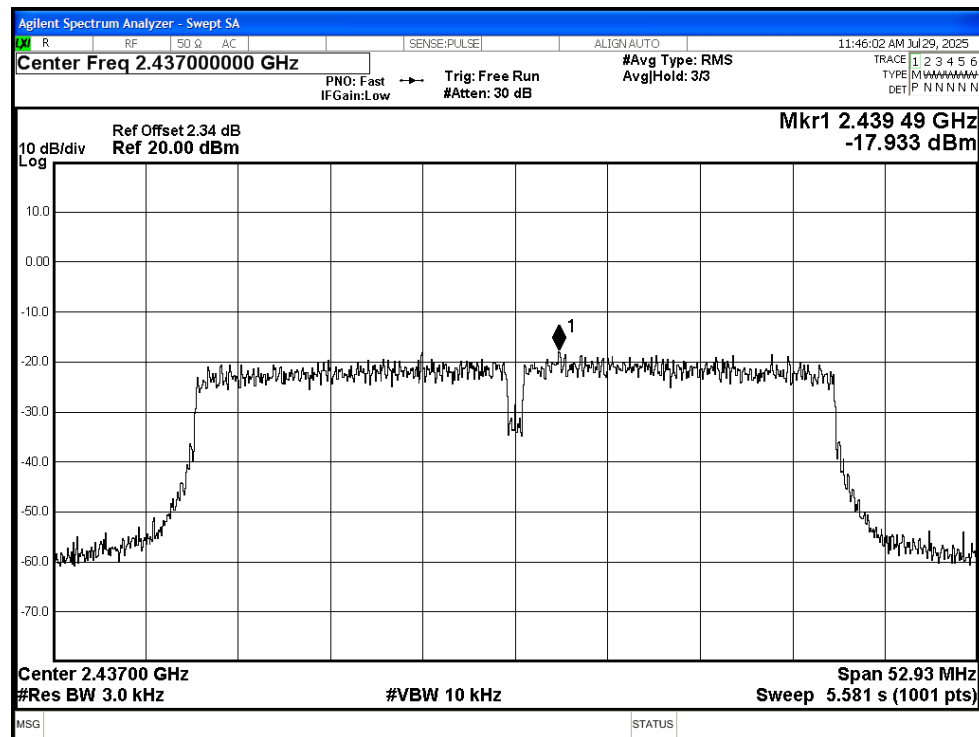
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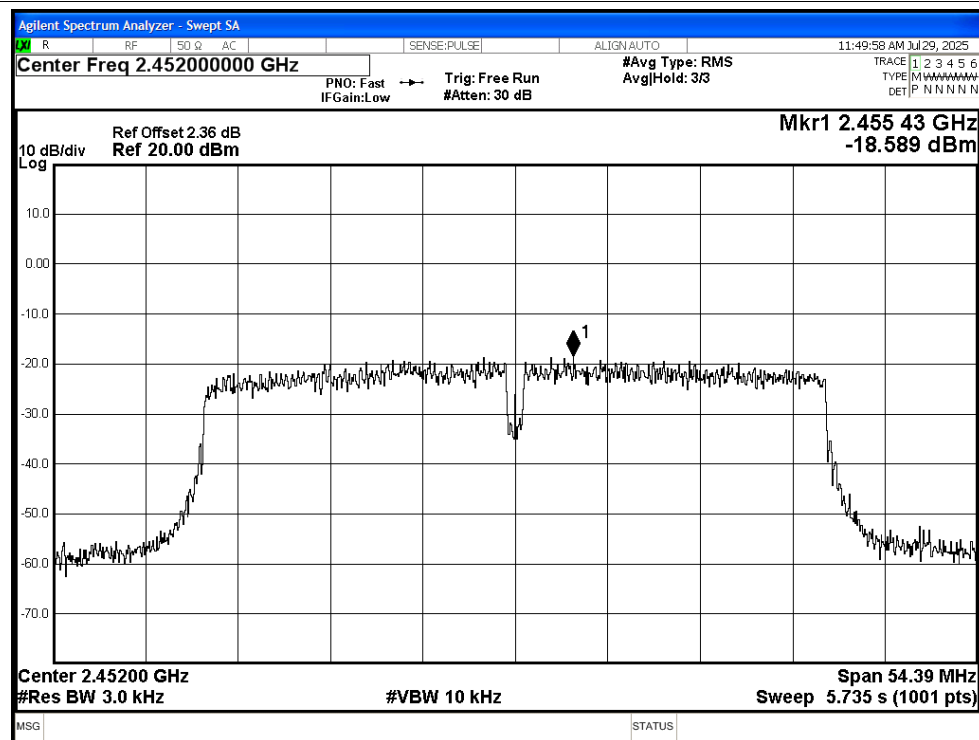
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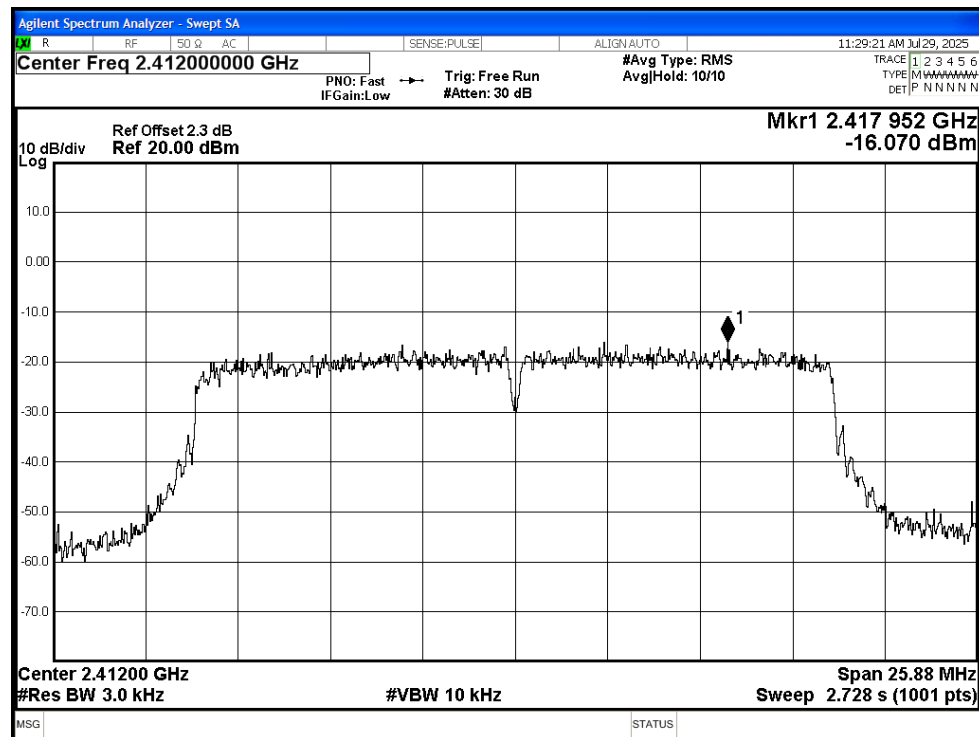
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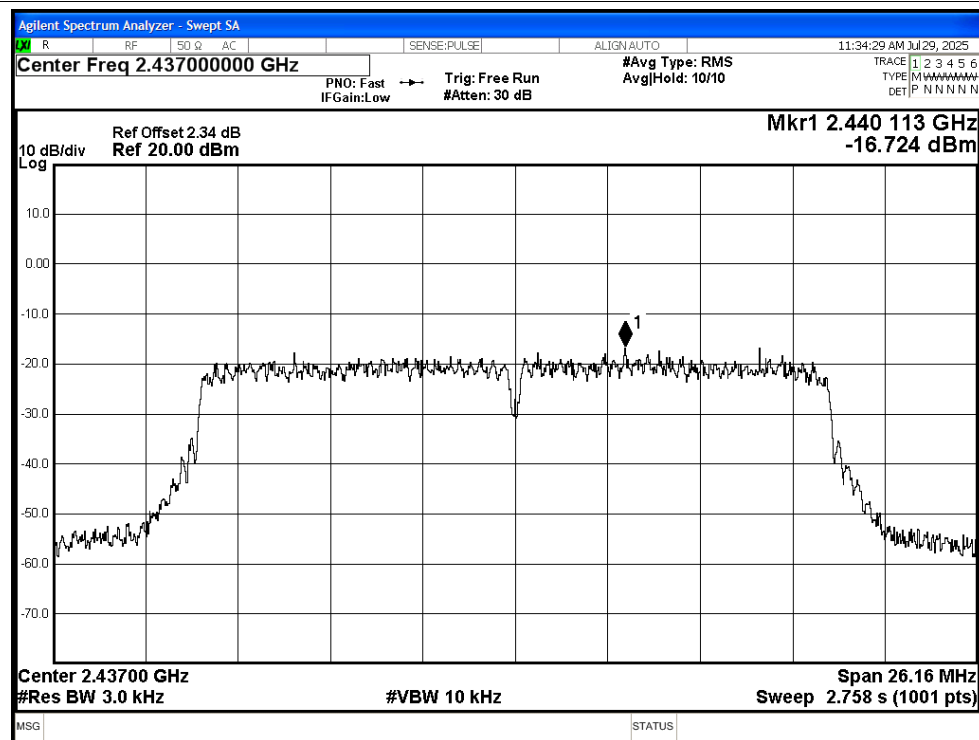
PSD NVNT n40 2452MHz Ant2



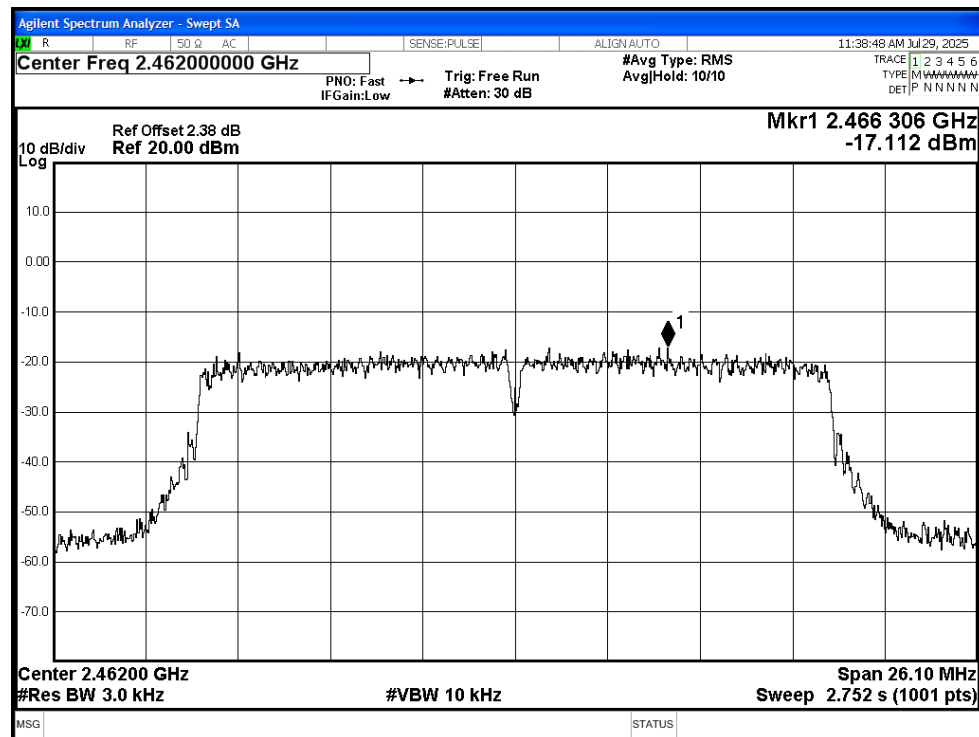
PSD NVNT ax20 2412MHz Ant2



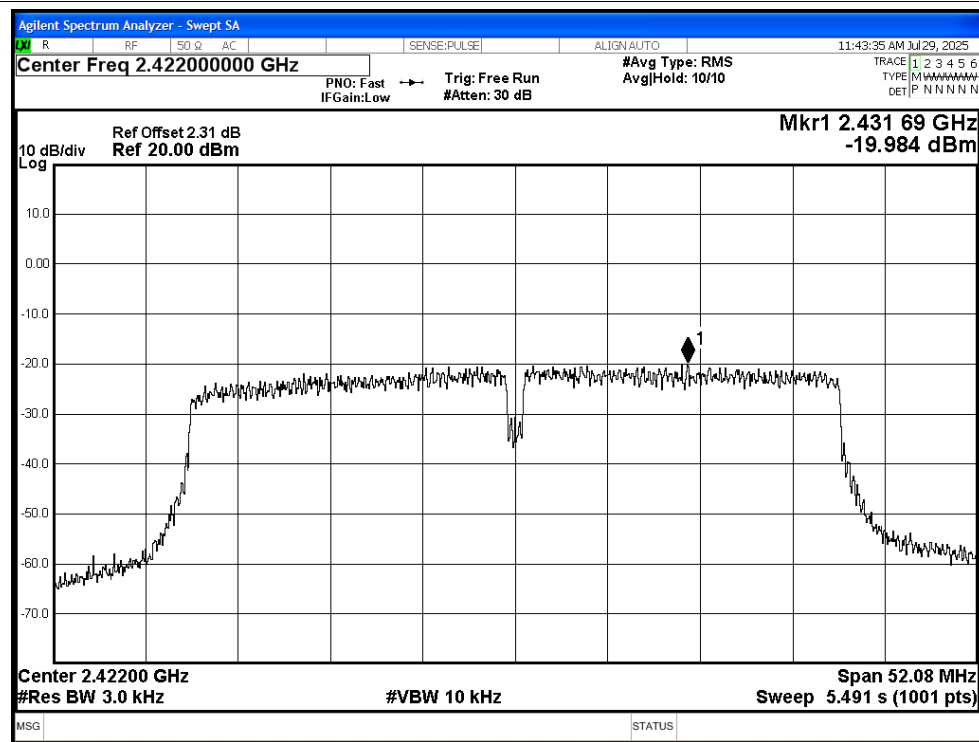
PSD NVNT ax20 2437MHz Ant2



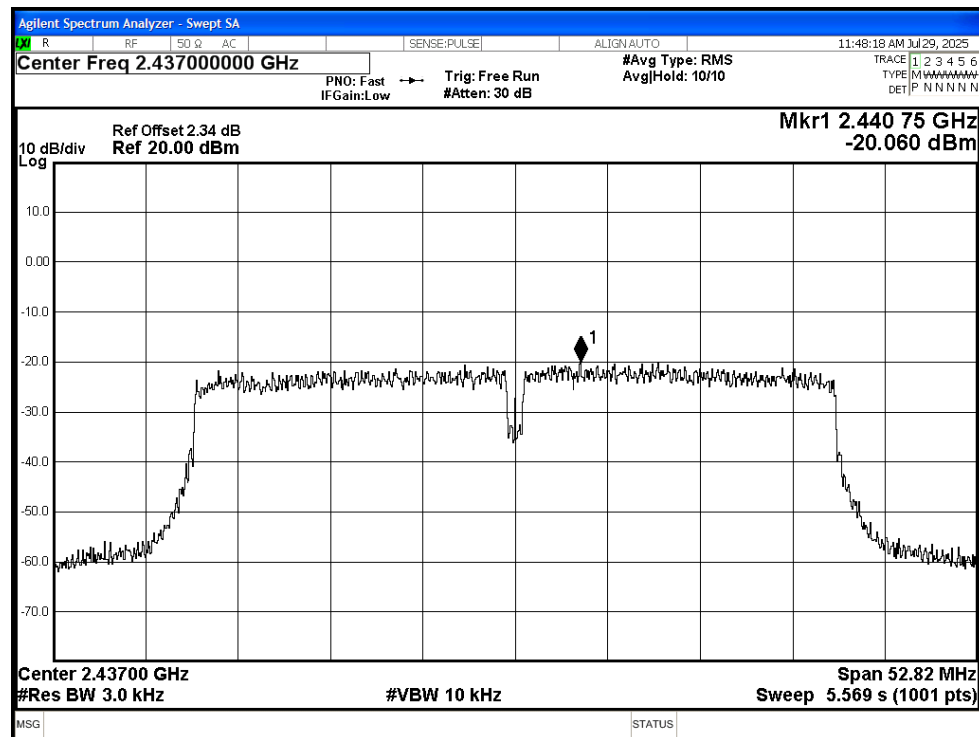
PSD NVNT ax20 2462MHz Ant2



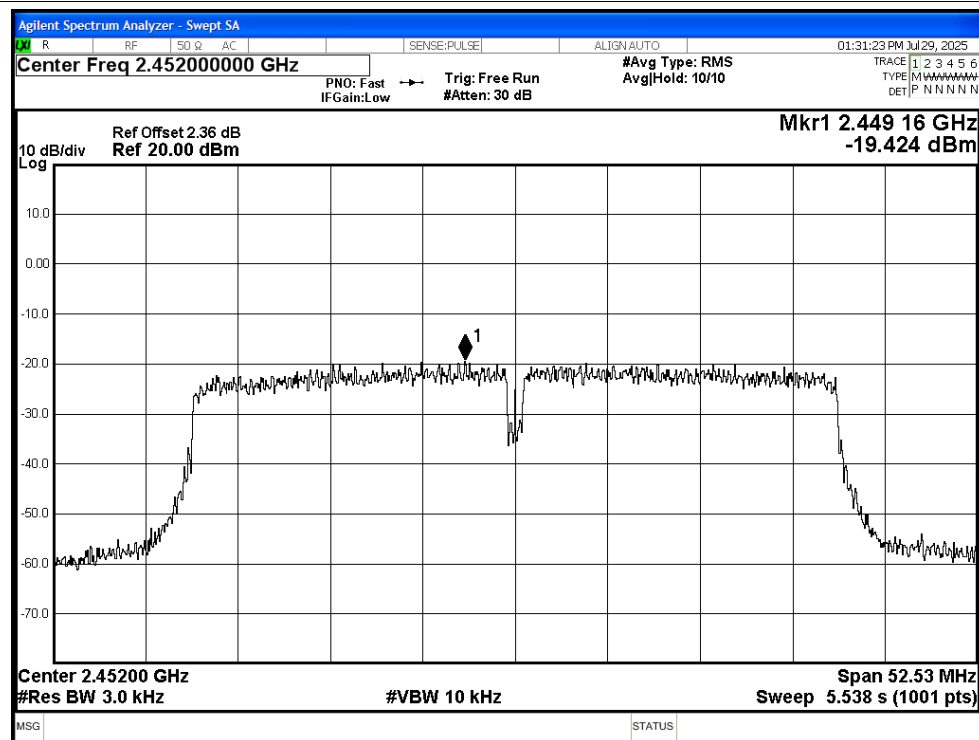
PSD NVNT ax40 2422MHz Ant2



PSD NVNT ax40 2437MHz Ant2



PSD NVNT ax40 2452MHz Ant2

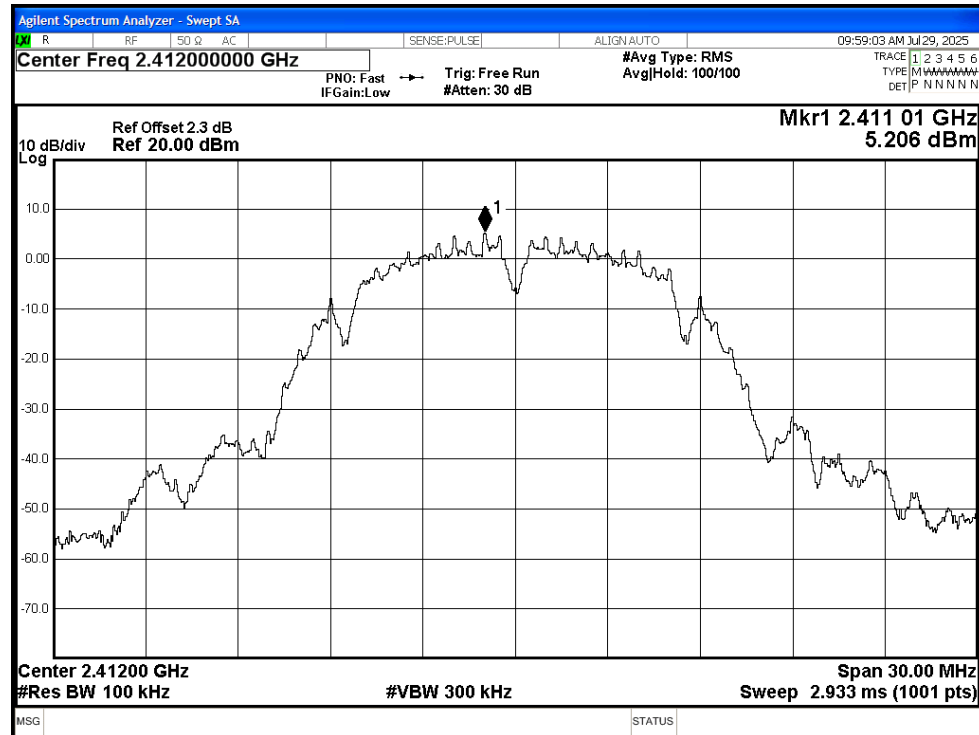


5 Band Edge

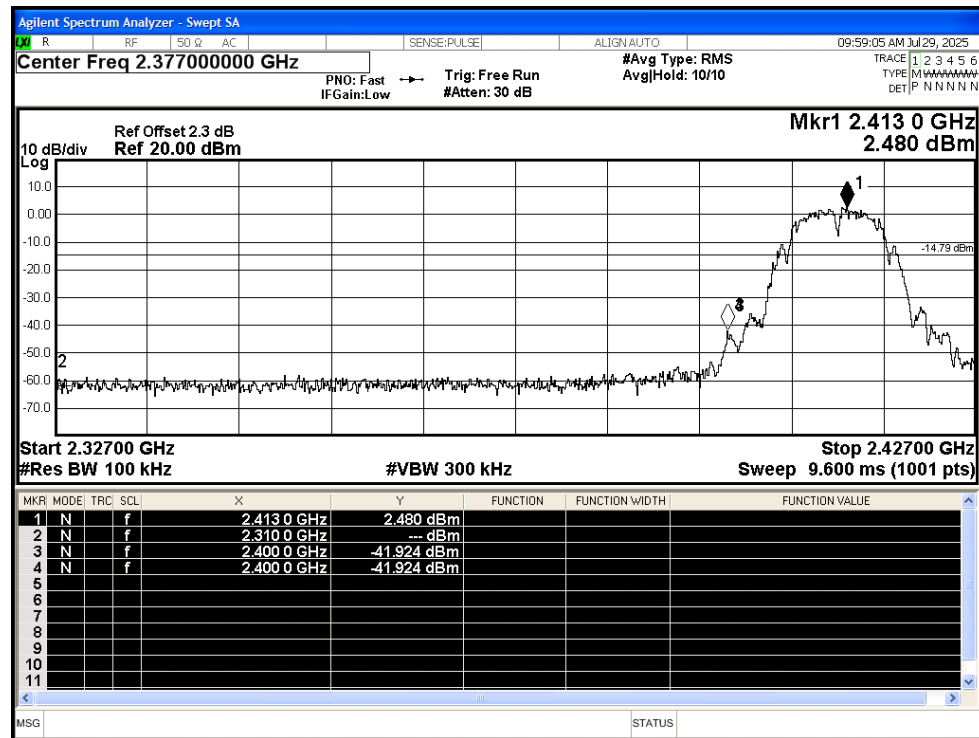
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-47.13	-20	Pass
NVNT	b	2462	Ant1	-60.89	-20	Pass
NVNT	g	2412	Ant1	-34.25	-20	Pass
NVNT	g	2462	Ant1	-46.67	-20	Pass
NVNT	n20	2412	Ant1	-33.75	-20	Pass
NVNT	n20	2462	Ant1	-42.75	-20	Pass
NVNT	n40	2422	Ant1	-37.69	-20	Pass
NVNT	n40	2452	Ant1	-40.28	-20	Pass
NVNT	ax20	2412	Ant1	-33.09	-20	Pass
NVNT	ax20	2462	Ant1	-40.91	-20	Pass
NVNT	ax40	2422	Ant1	-34.28	-20	Pass
NVNT	ax40	2452	Ant1	-37.19	-20	Pass

Test Graphs

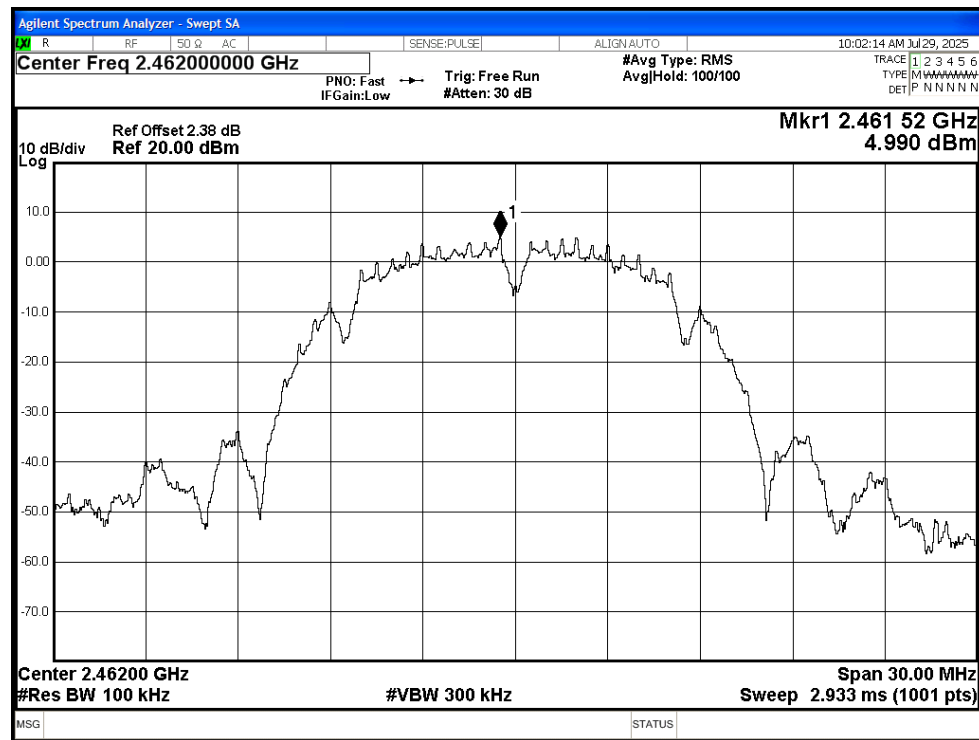
Band Edge NVNT b 2412MHz Ant1 Ref



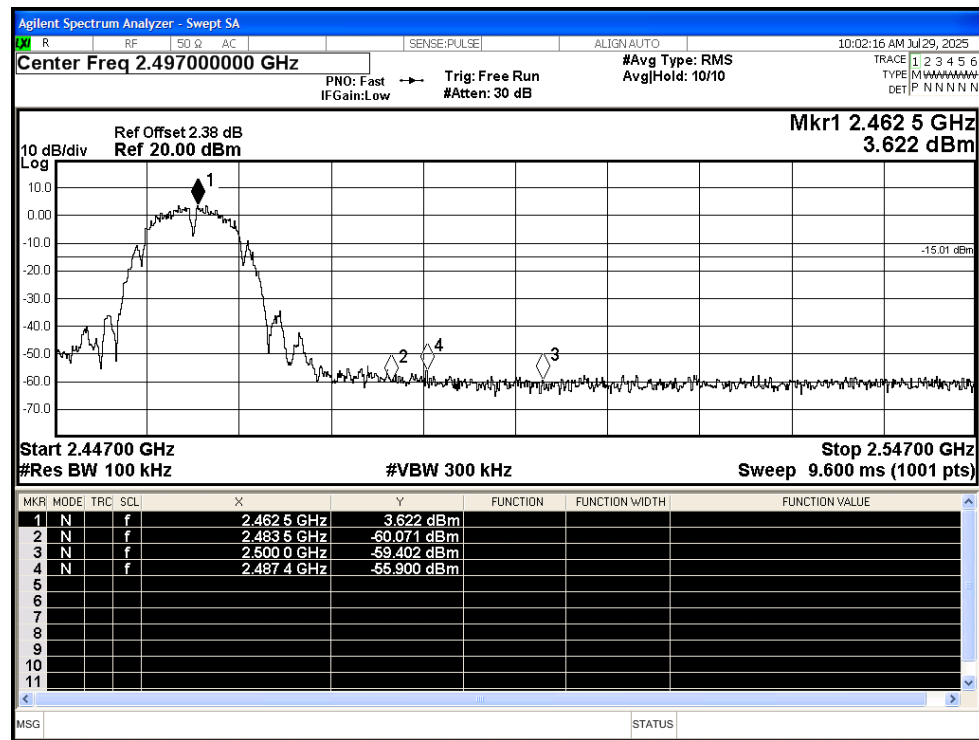
Band Edge NVNT b 2412MHz Ant1 Emission



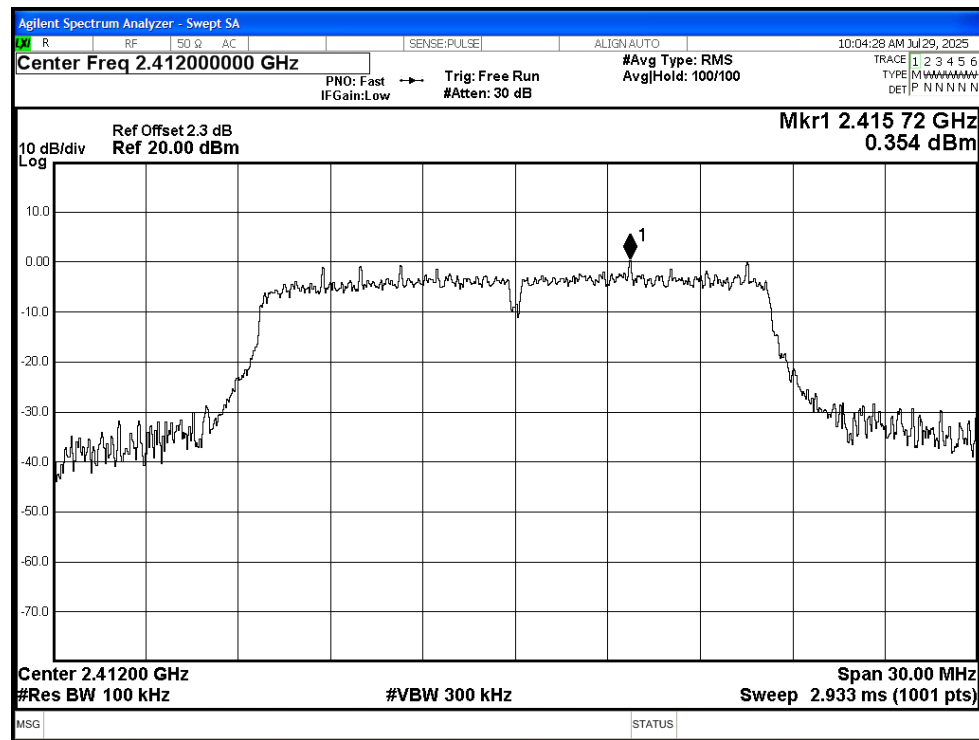
Band Edge NVNT b 2462MHz Ant1 Ref



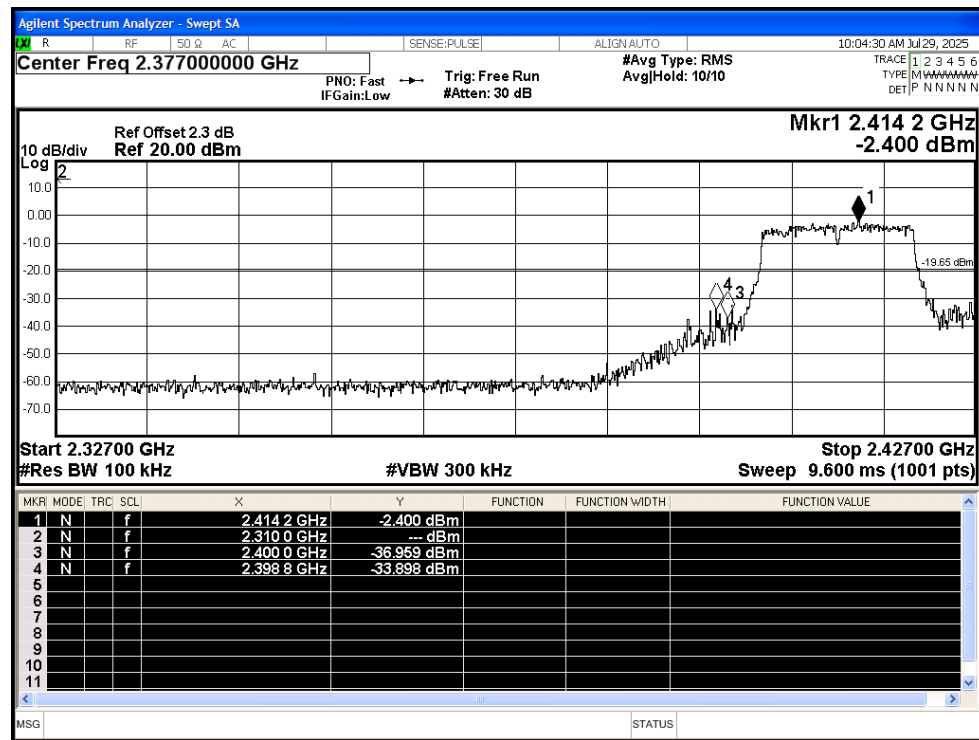
Band Edge NVNT b 2462MHz Ant1 Emission



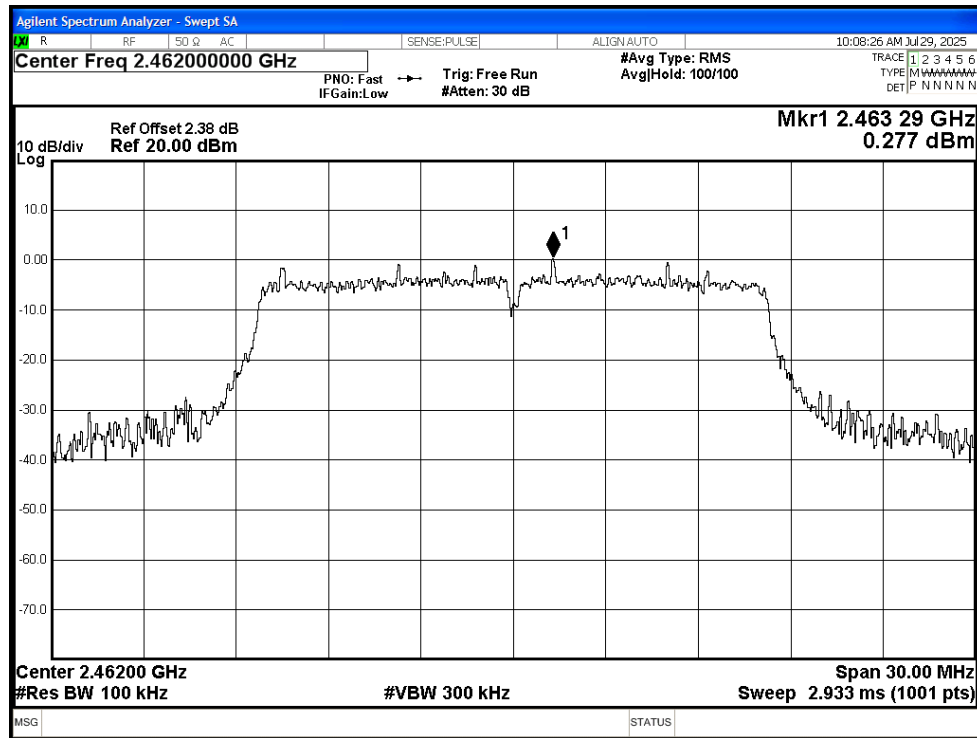
Band Edge NVNT g 2412MHz Ant1 Ref



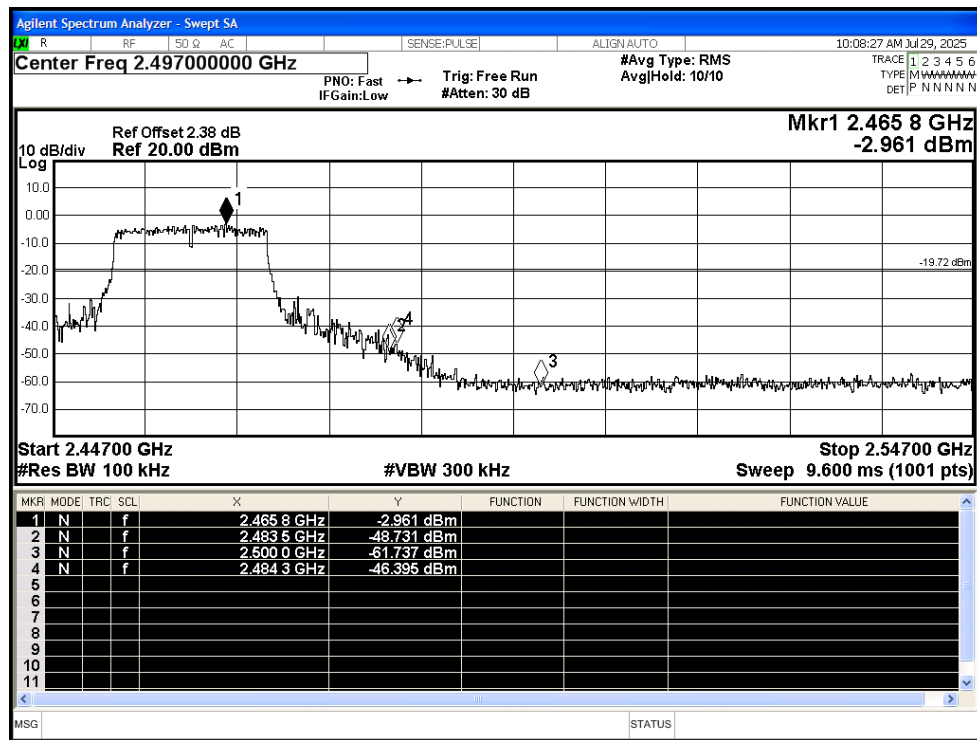
Band Edge NVNT g 2412MHz Ant1 Emission



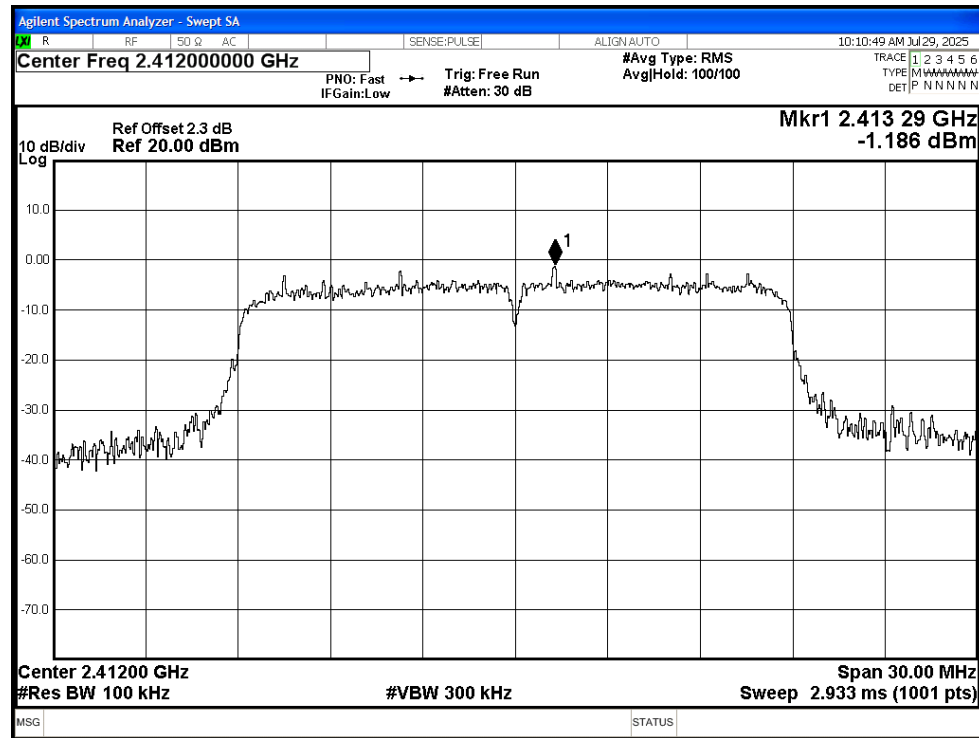
Band Edge NVNT g 2462MHz Ant1 Ref



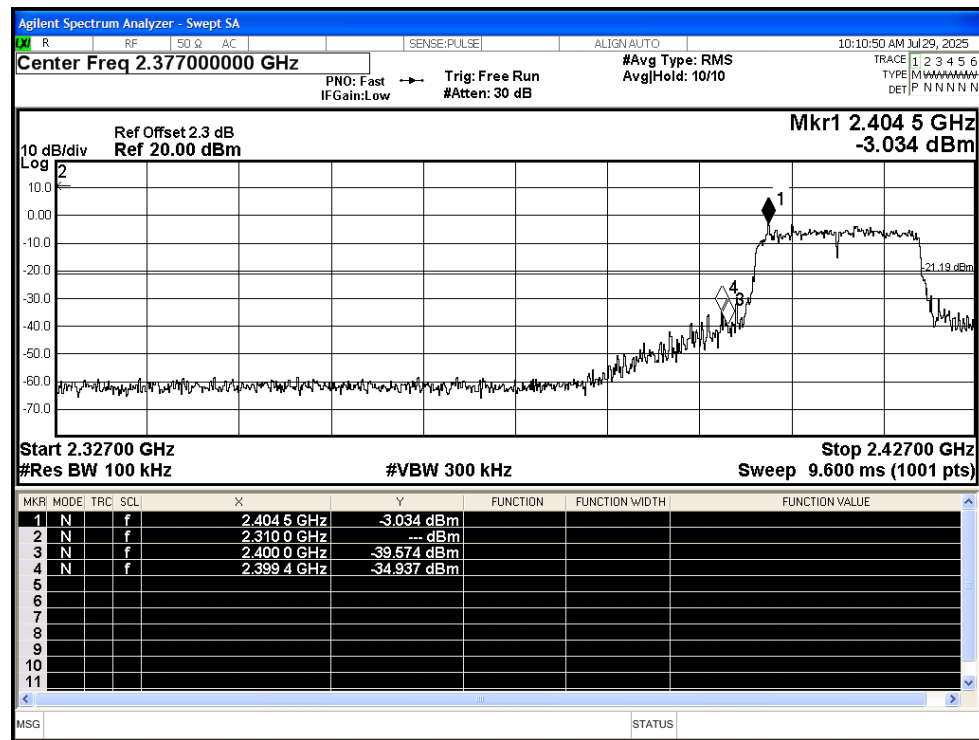
Band Edge NVNT g 2462MHz Ant1 Emission



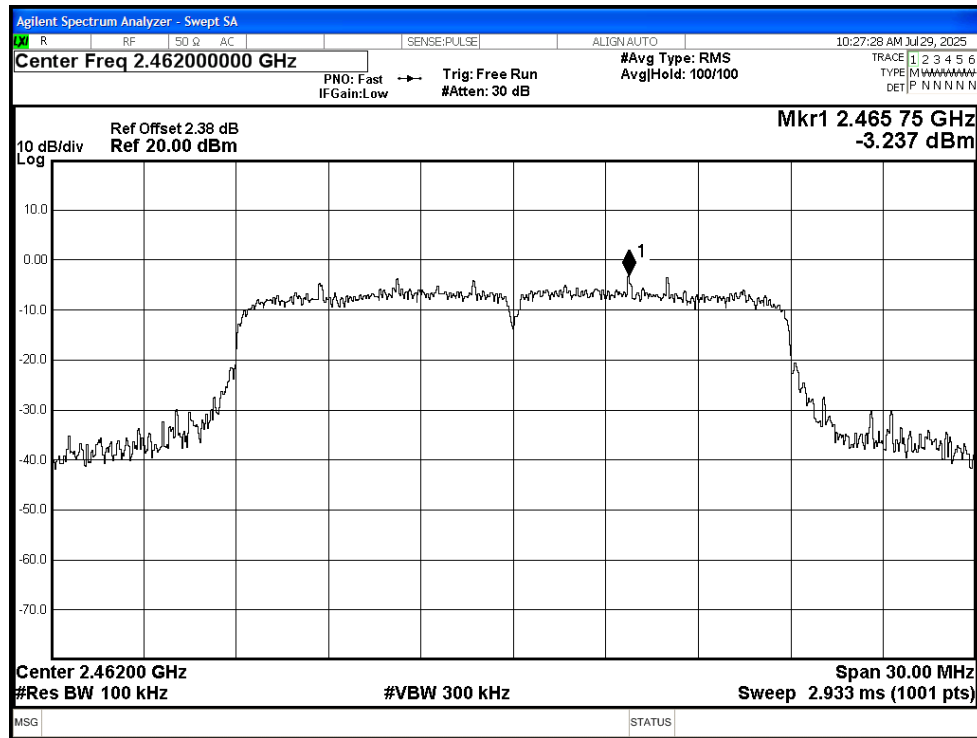
Band Edge NVNT n20 2412MHz Ant1 Ref



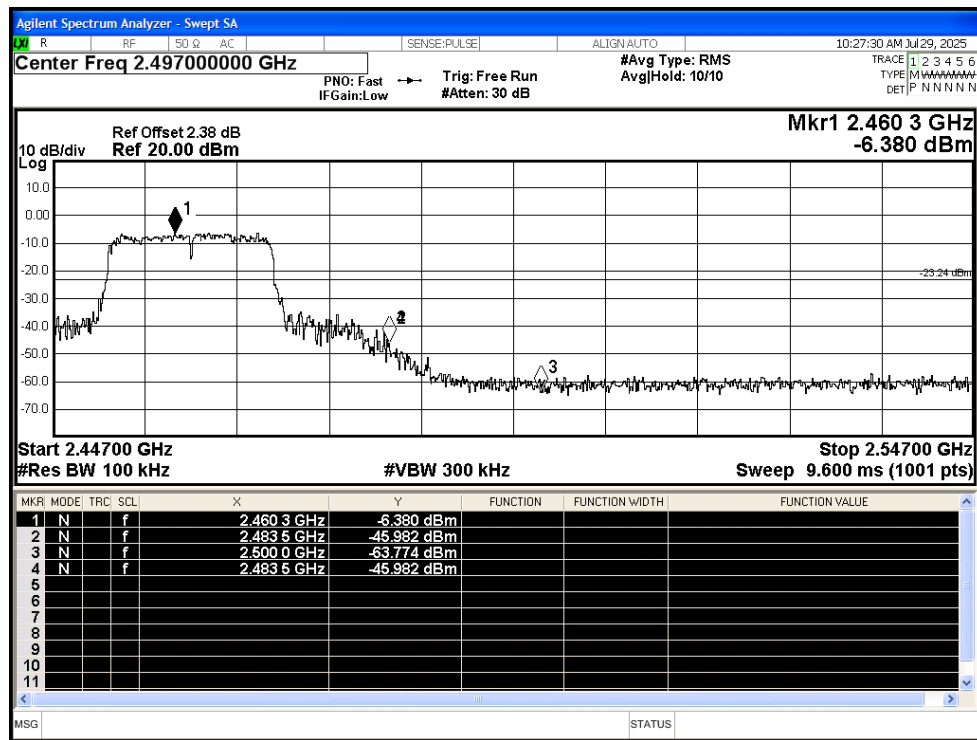
Band Edge NVNT n20 2412MHz Ant1 Emission



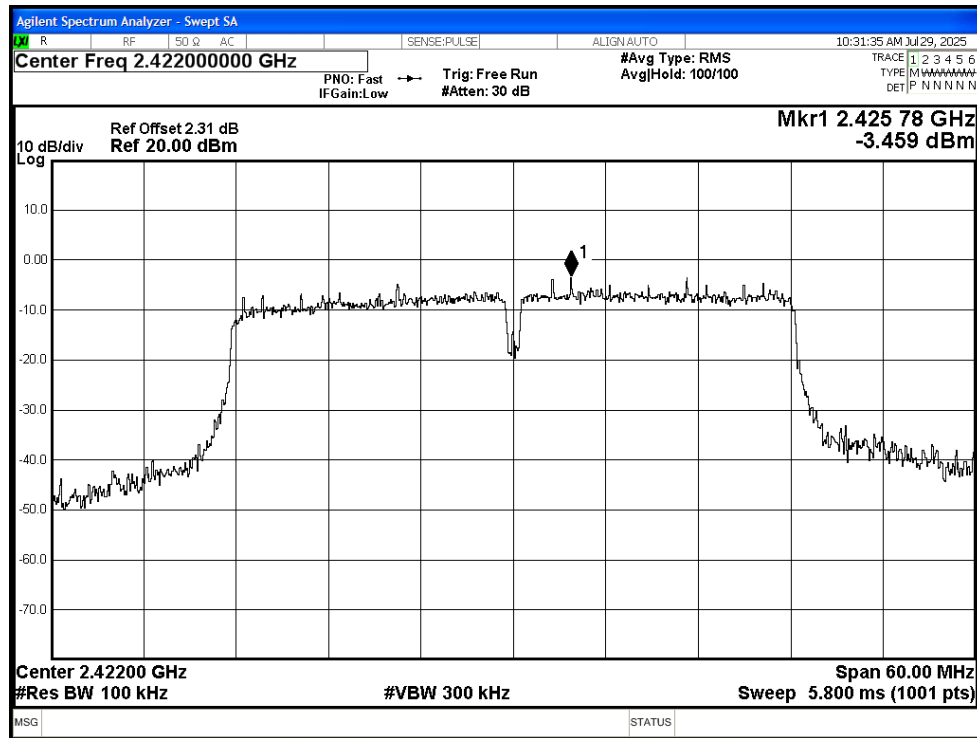
Band Edge NVNT n20 2462MHz Ant1 Ref



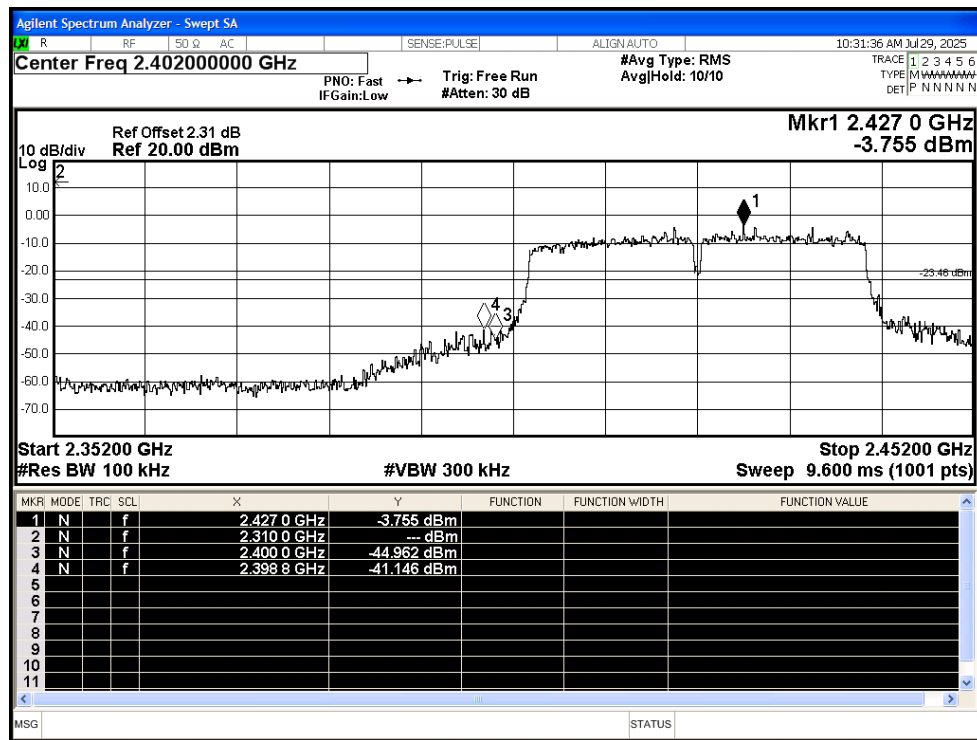
Band Edge NVNT n20 2462MHz Ant1 Emission



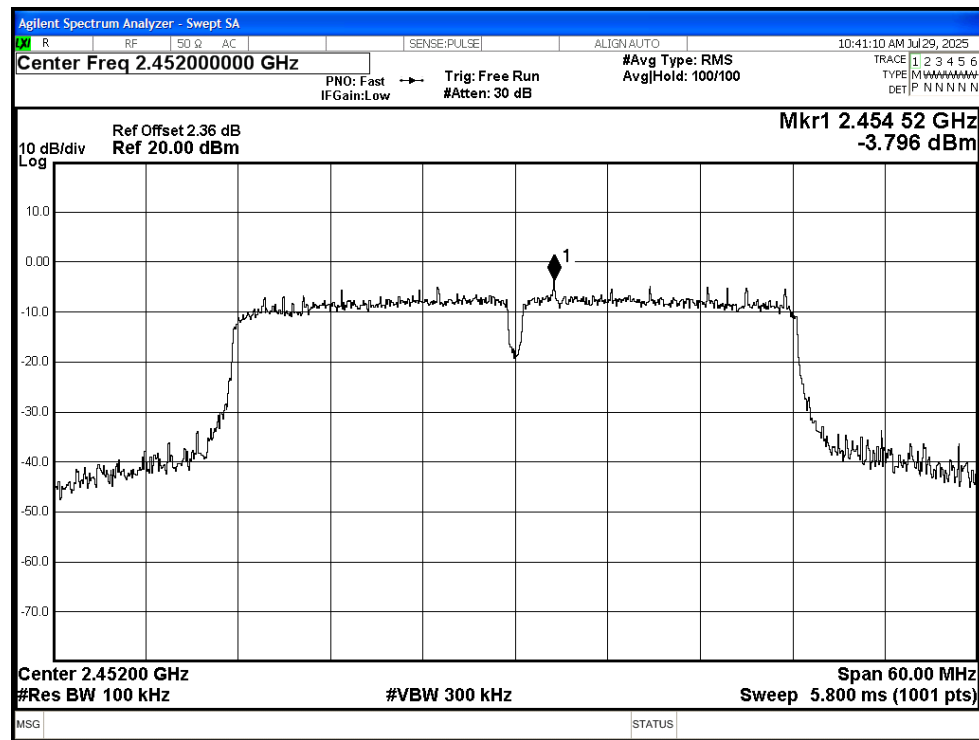
Band Edge NVNT n40 2422MHz Ant1 Ref



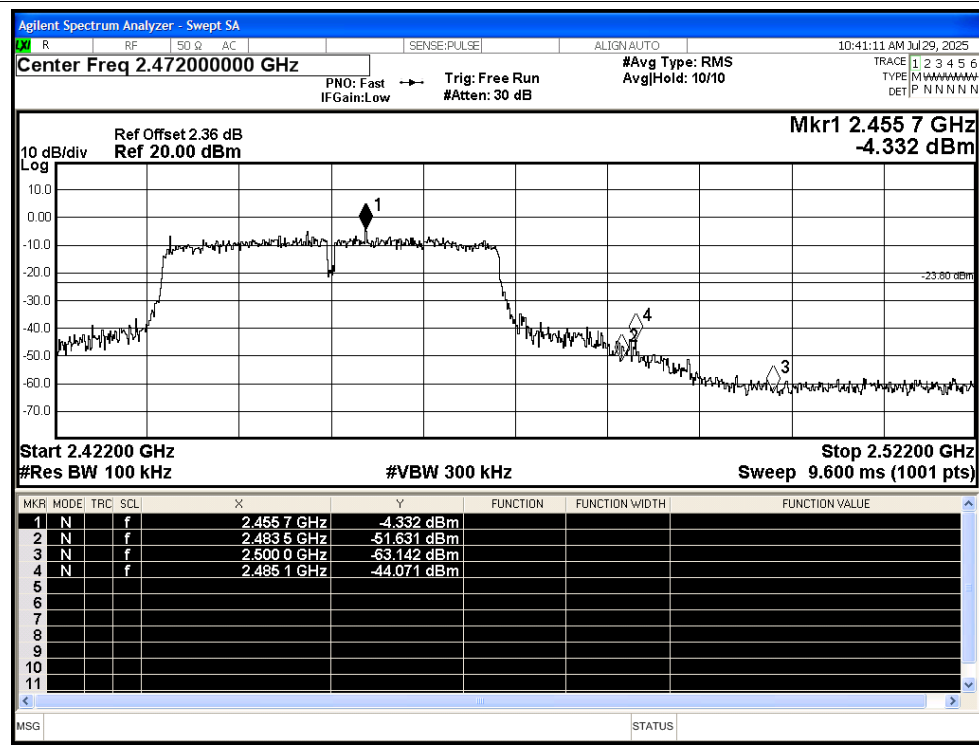
Band Edge NVNT n40 2422MHz Ant1 Emission



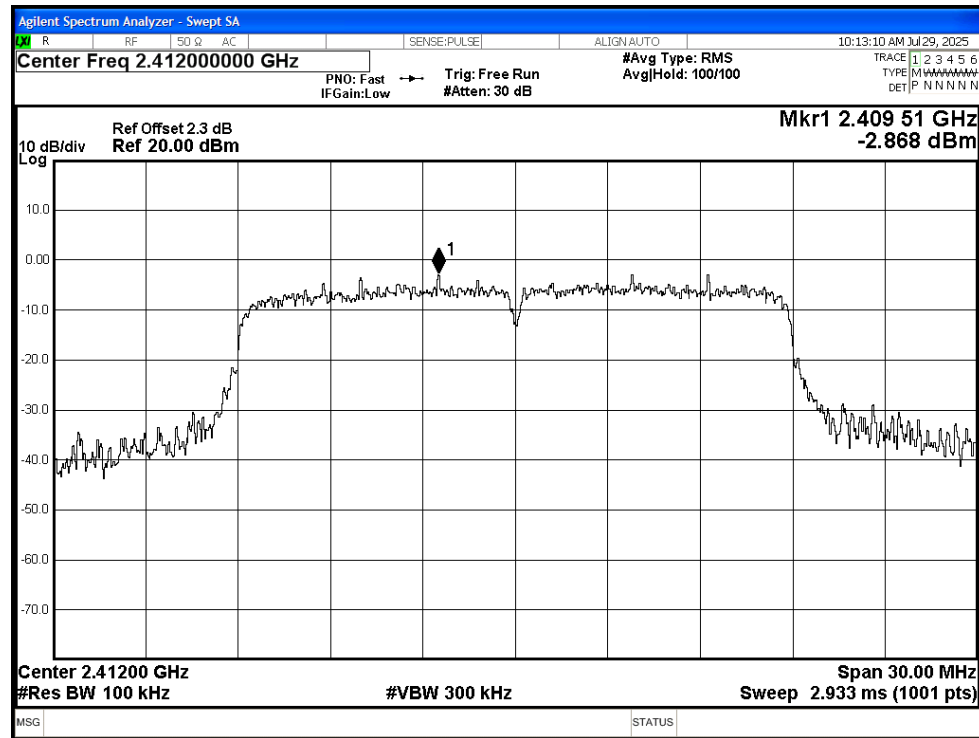
Band Edge NVNT n40 2452MHz Ant1 Ref



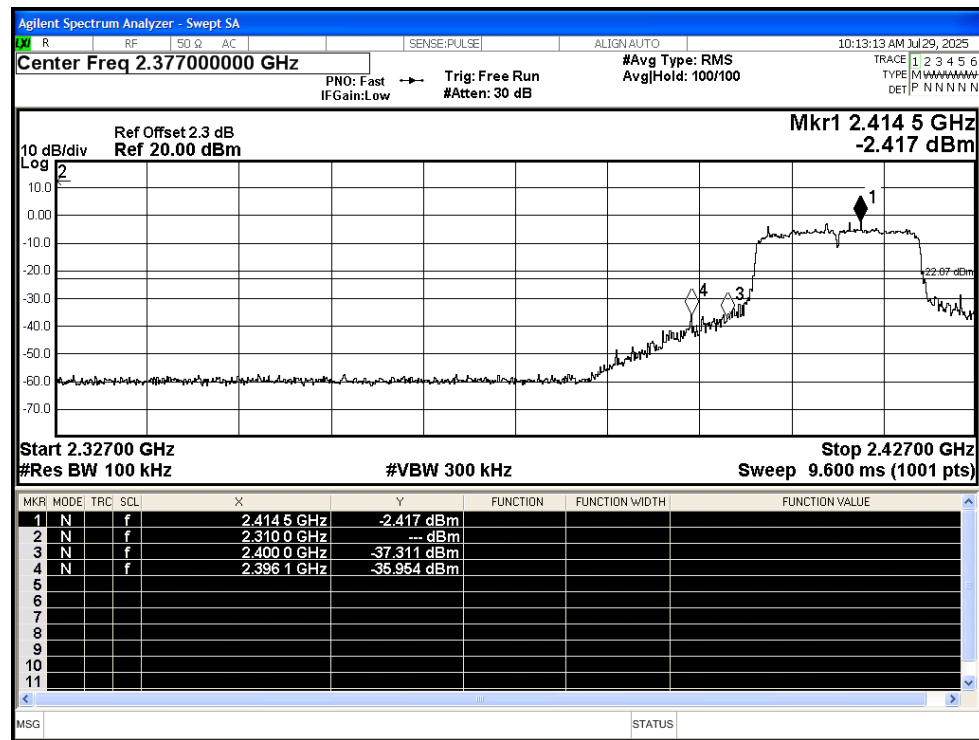
Band Edge NVNT n40 2452MHz Ant1 Emission



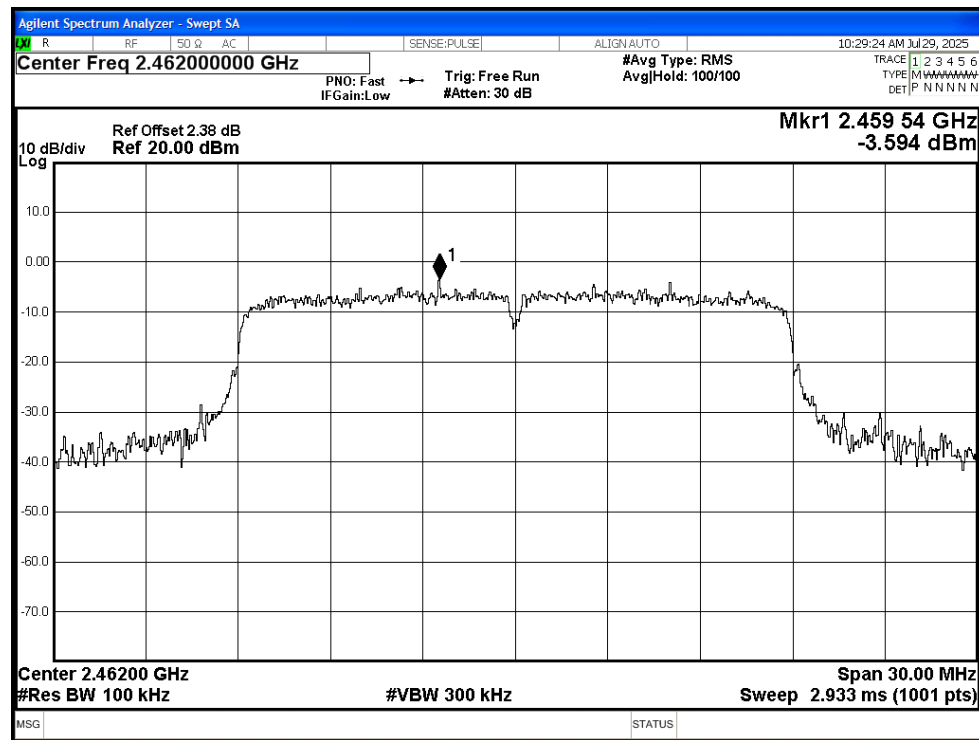
Band Edge NVNT ax20 2412MHz Ant1 Ref



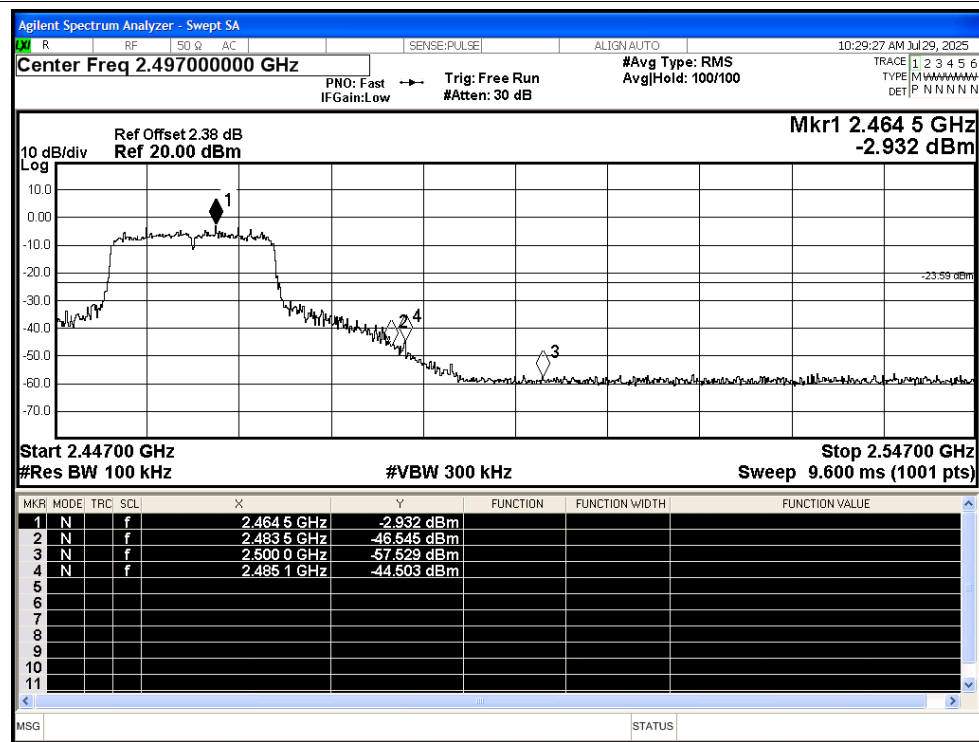
Band Edge NVNT ax20 2412MHz Ant1 Emission



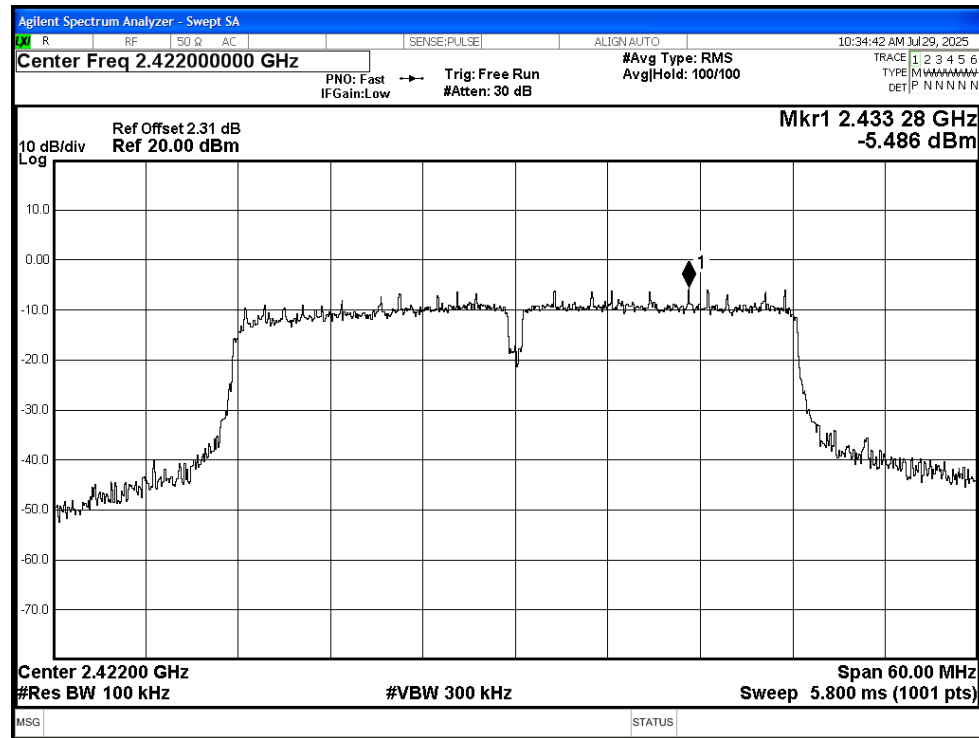
Band Edge NVNT ax20 2462MHz Ant1 Ref



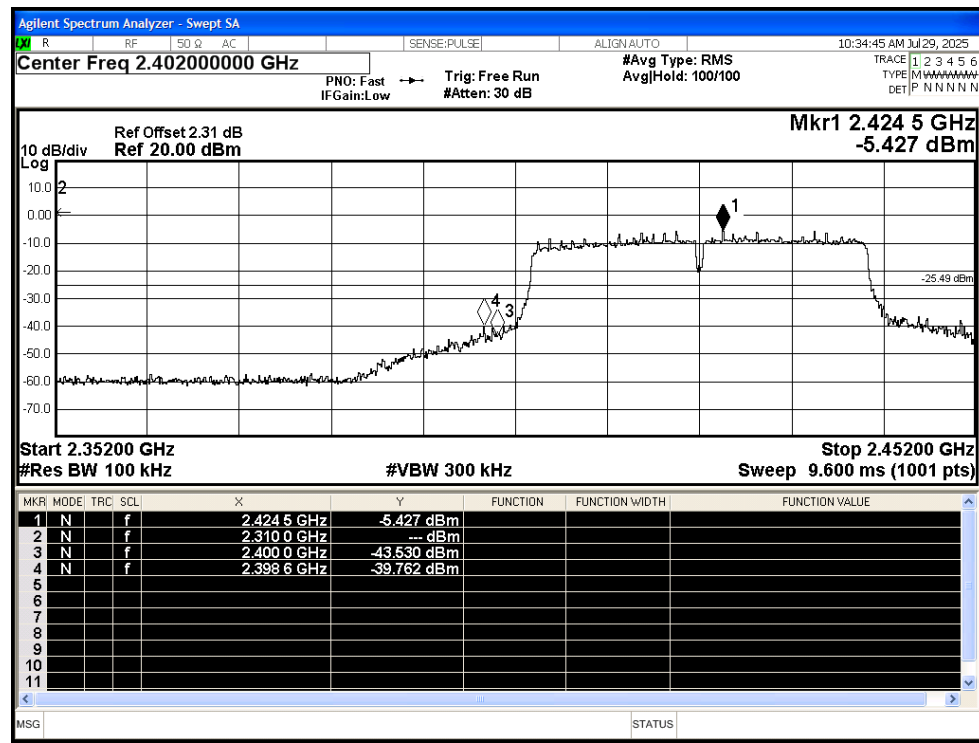
Band Edge NVNT ax20 2462MHz Ant1 Emission



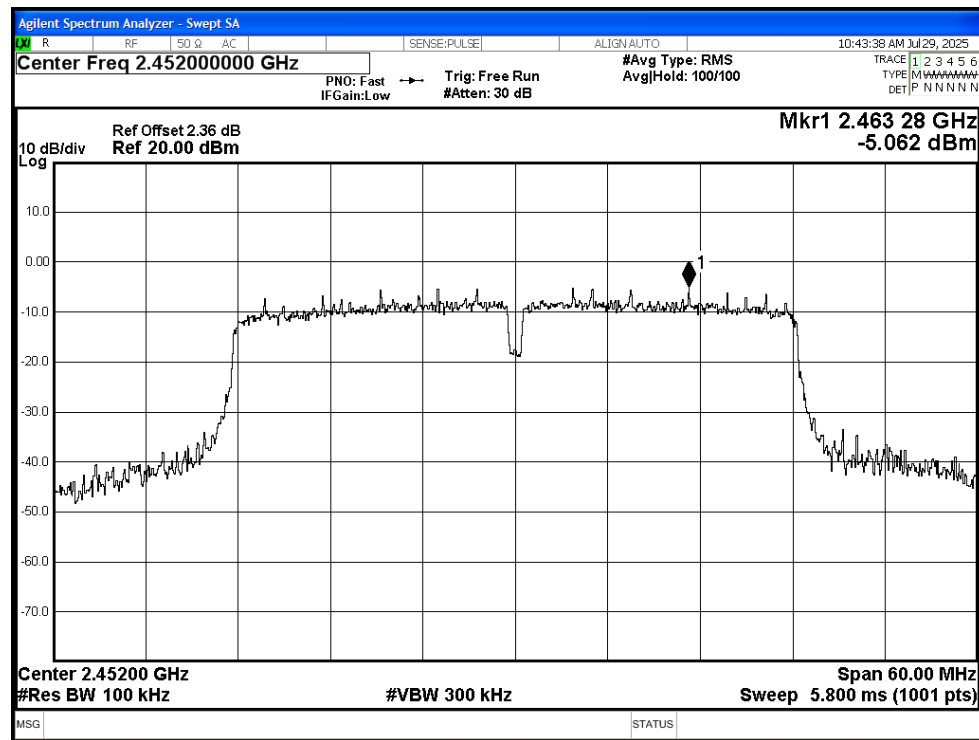
Band Edge NVNT ax40 2422MHz Ant1 Ref



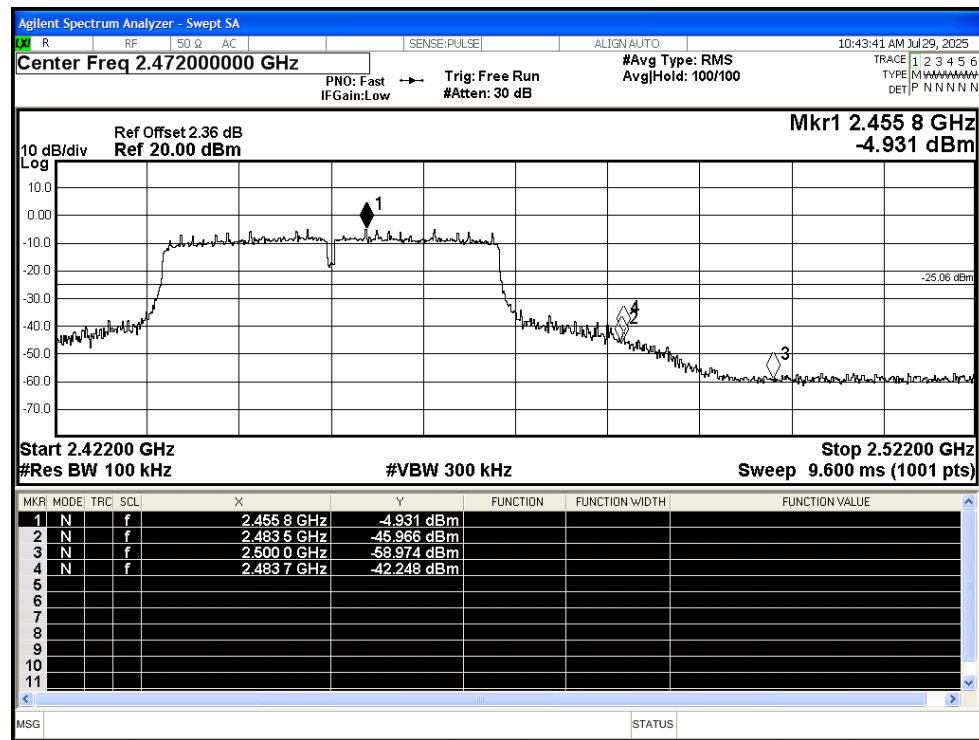
Band Edge NVNT ax40 2422MHz Ant1 Emission



Band Edge NVNT ax40 2452MHz Ant1 Ref



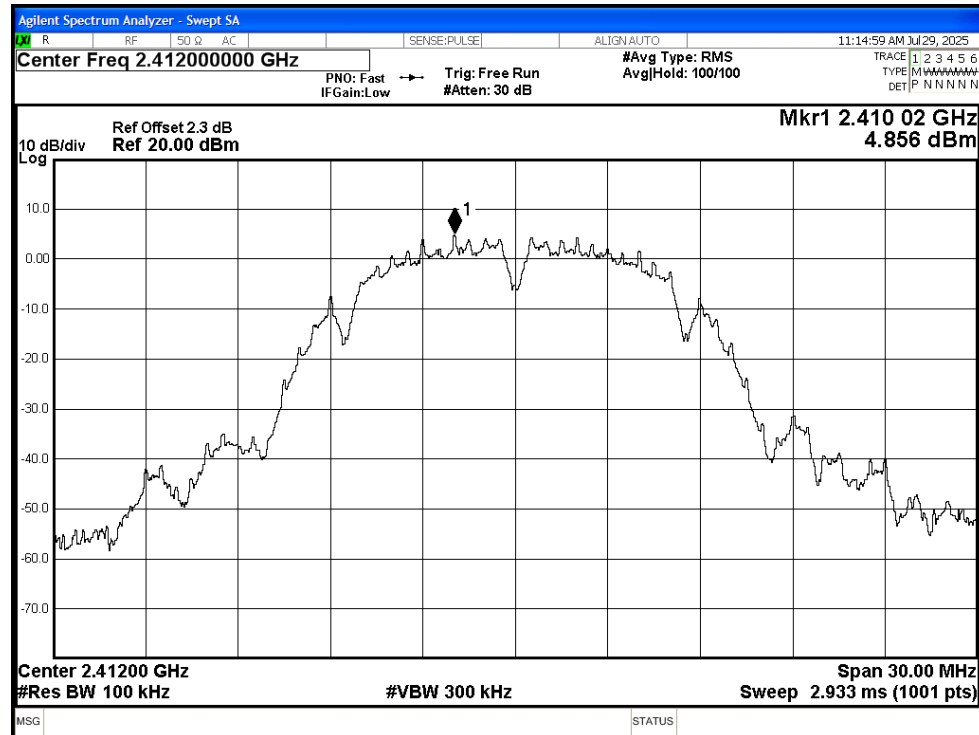
Band Edge NVNT ax40 2452MHz Ant1 Emission



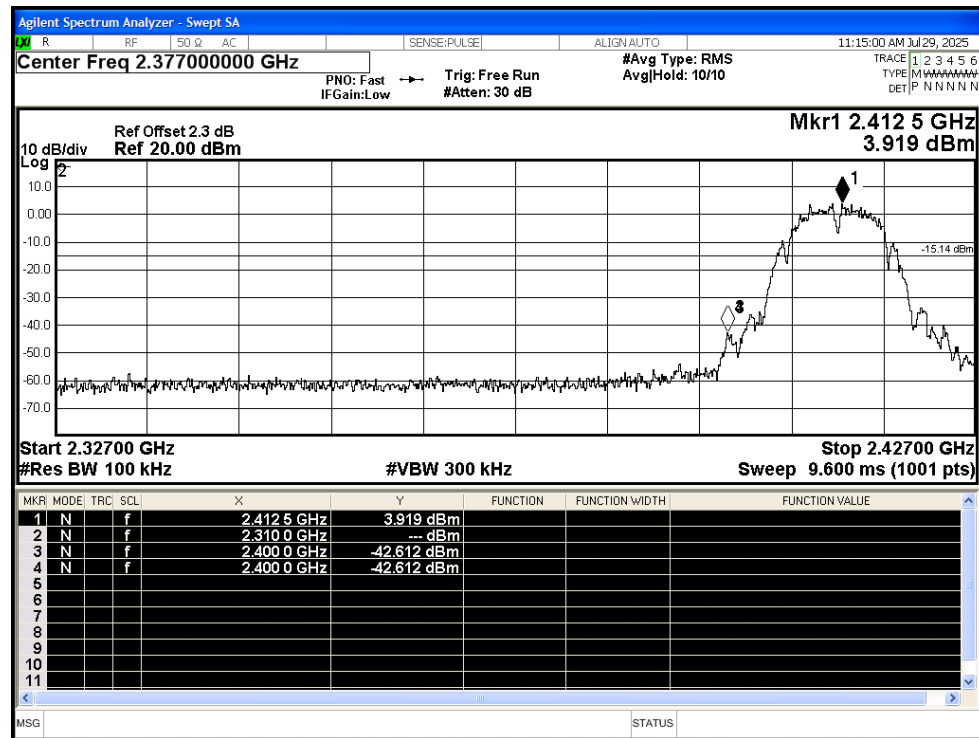
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant2	-47.47	-20	Pass
NVNT	b	2462	Ant2	-60.59	-20	Pass
NVNT	g	2412	Ant2	-36.71	-20	Pass
NVNT	g	2462	Ant2	-46.81	-20	Pass
NVNT	n20	2412	Ant2	-35.26	-20	Pass
NVNT	n20	2462	Ant2	-41.14	-20	Pass
NVNT	n40	2422	Ant2	-35.06	-20	Pass
NVNT	n40	2452	Ant2	-38.76	-20	Pass
NVNT	ax20	2412	Ant2	-29.87	-20	Pass
NVNT	ax20	2462	Ant2	-41.98	-20	Pass
NVNT	ax40	2422	Ant2	-37.11	-20	Pass
NVNT	ax40	2452	Ant2	-39.56	-20	Pass

Test Graphs

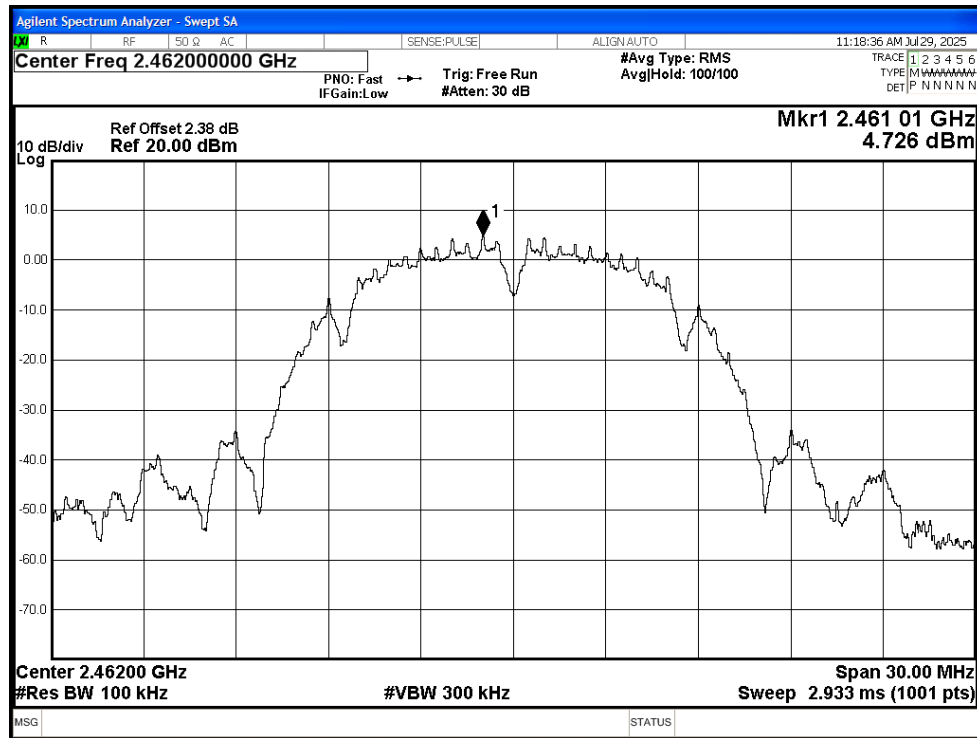
Band Edge NVNT b 2412MHz Ant2 Ref



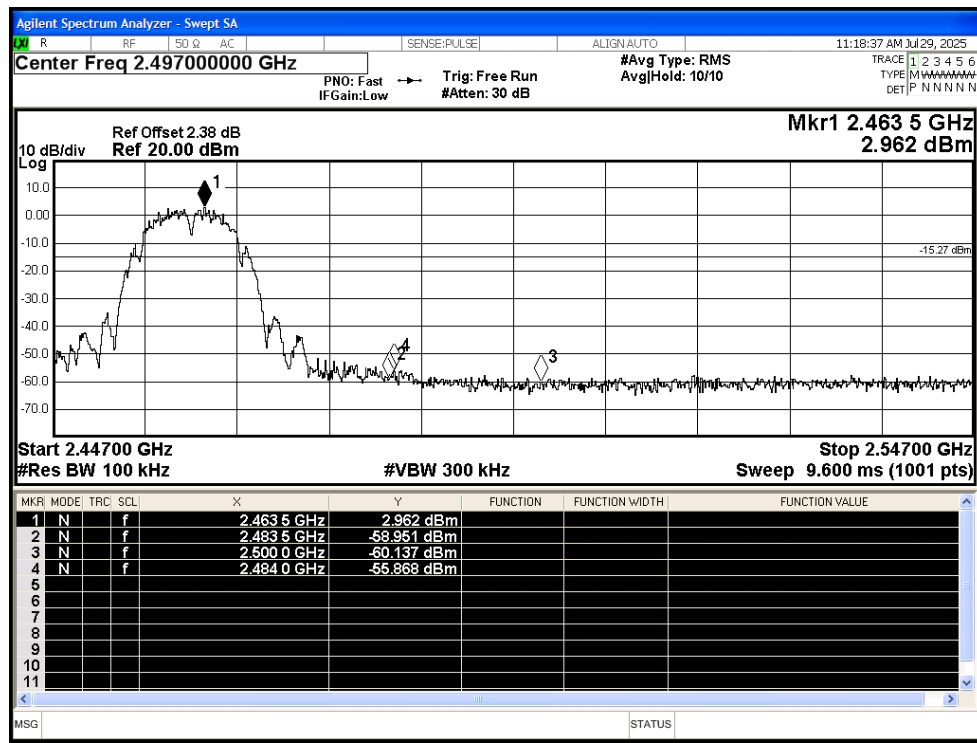
Band Edge NVNT b 2412MHz Ant2 Emission



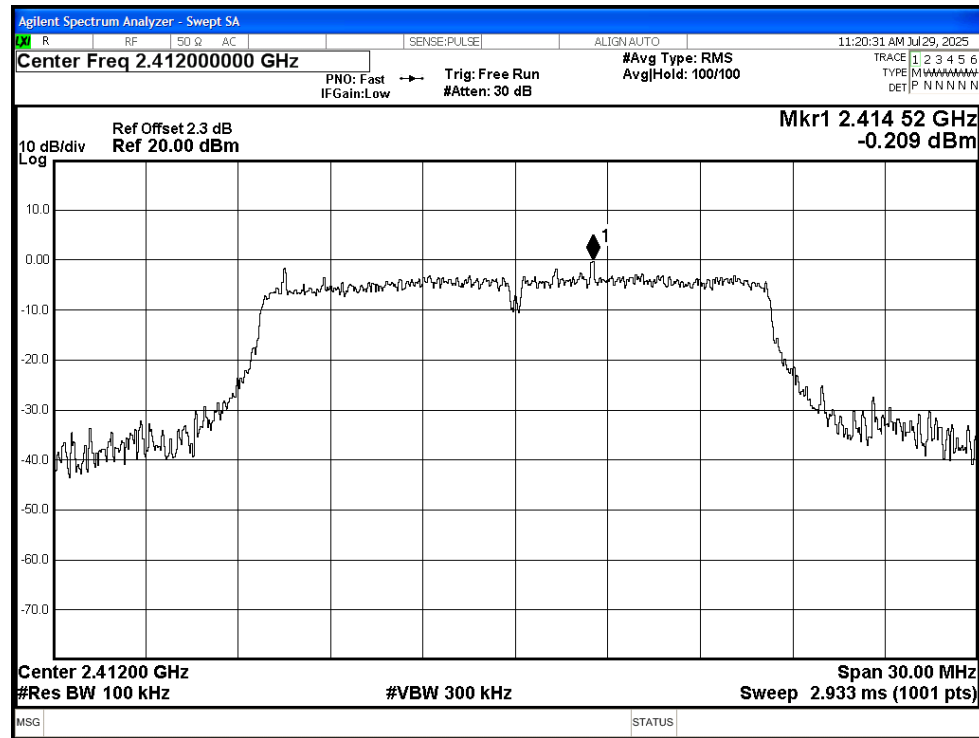
Band Edge NVNT b 2462MHz Ant2 Ref



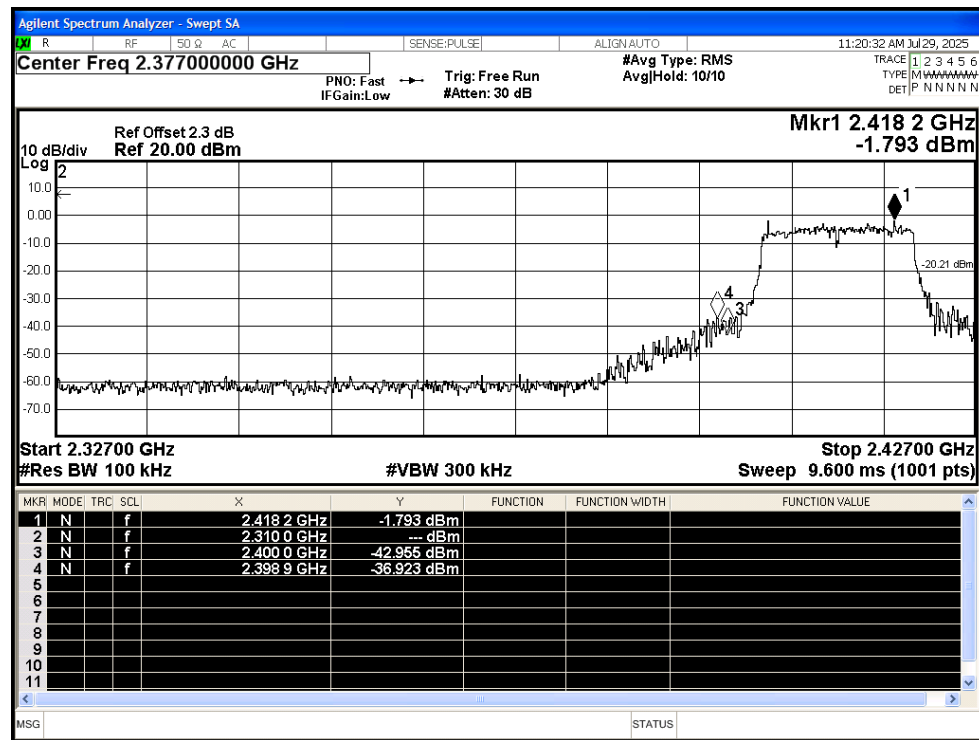
Band Edge NVNT b 2462MHz Ant2 Emission



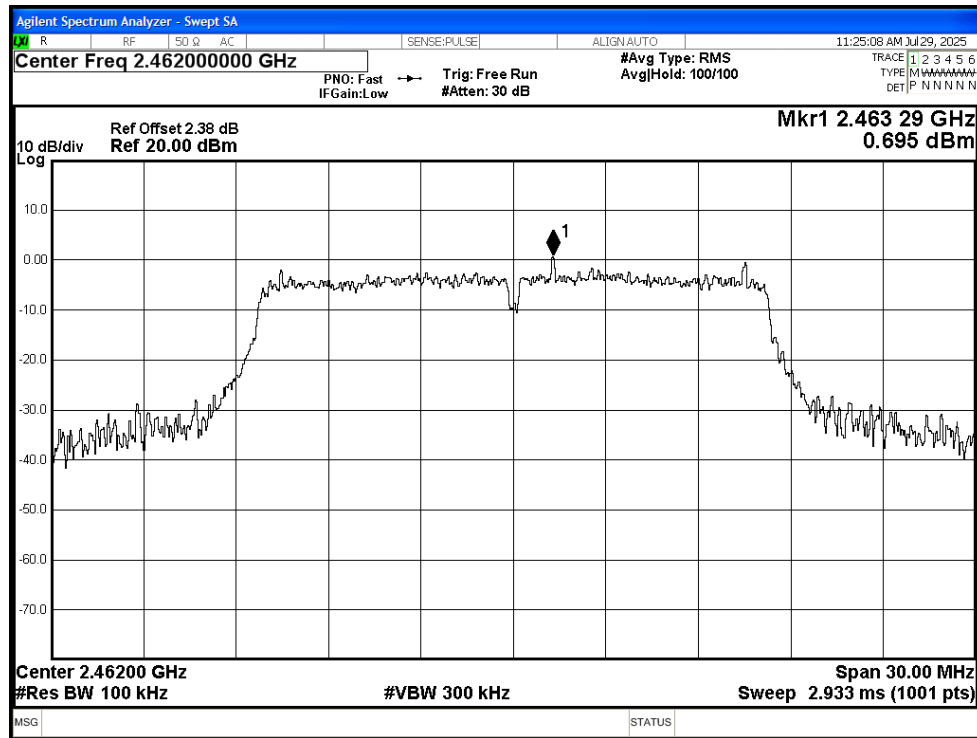
Band Edge NVNT g 2412MHz Ant2 Ref



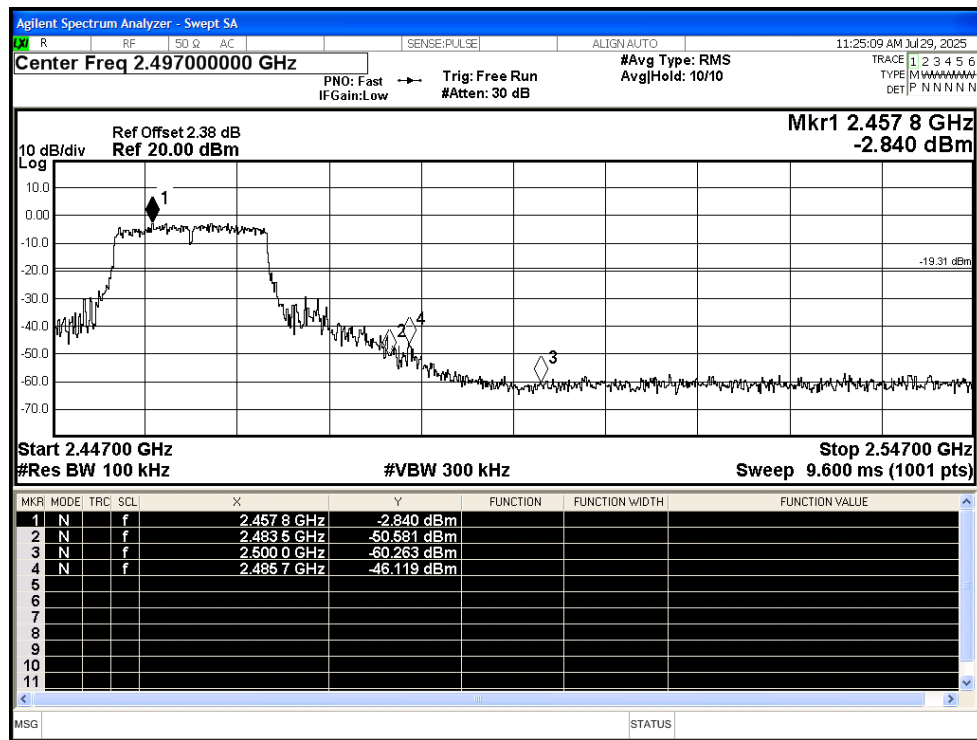
Band Edge NVNT g 2412MHz Ant2 Emission



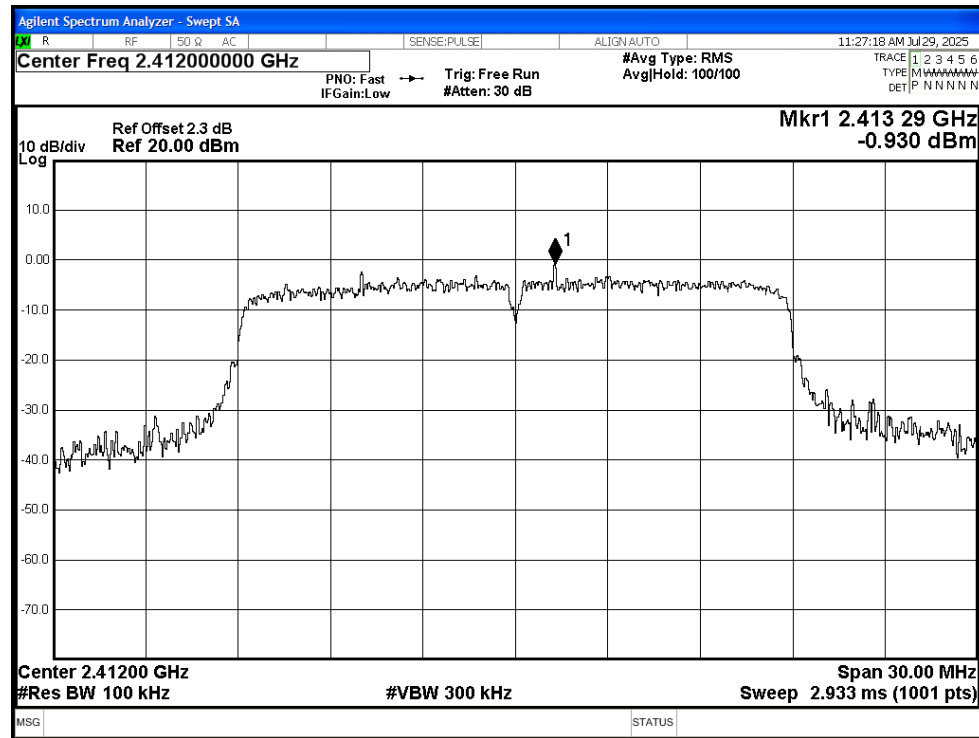
Band Edge NVNT g 2462MHz Ant2 Ref



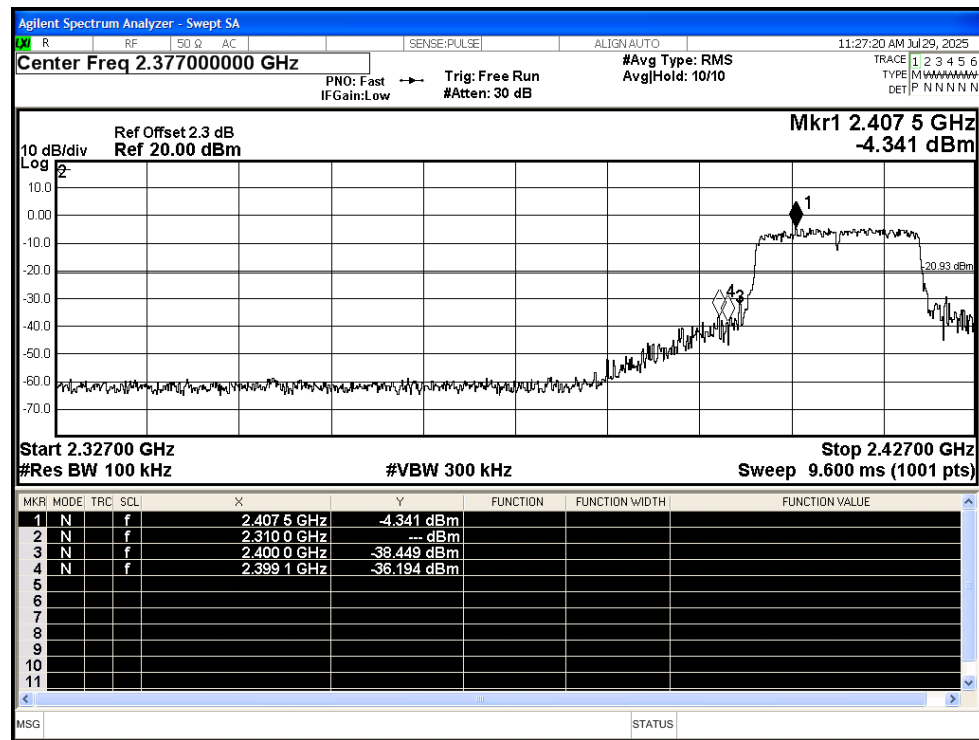
Band Edge NVNT g 2462MHz Ant2 Emission



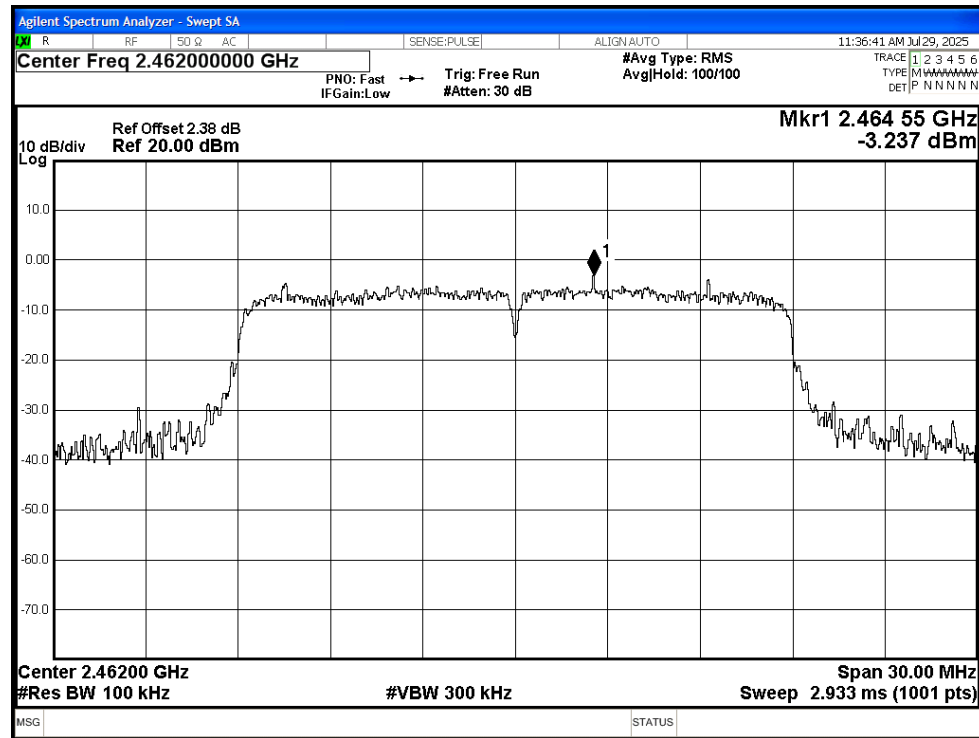
Band Edge NVNT n20 2412MHz Ant2 Ref



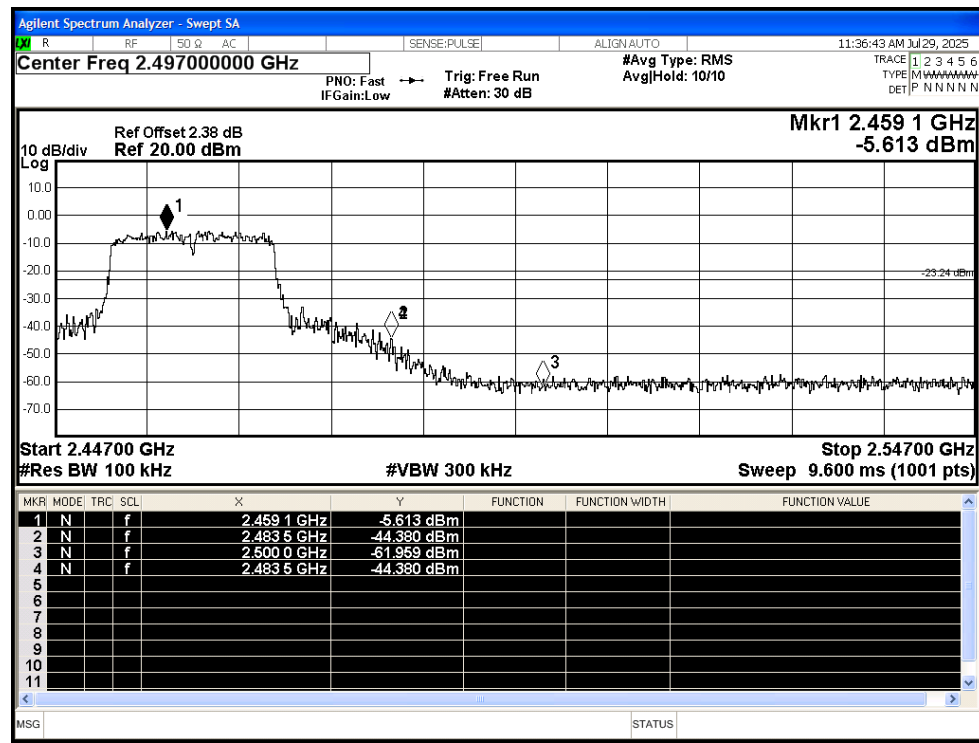
Band Edge NVNT n20 2412MHz Ant2 Emission



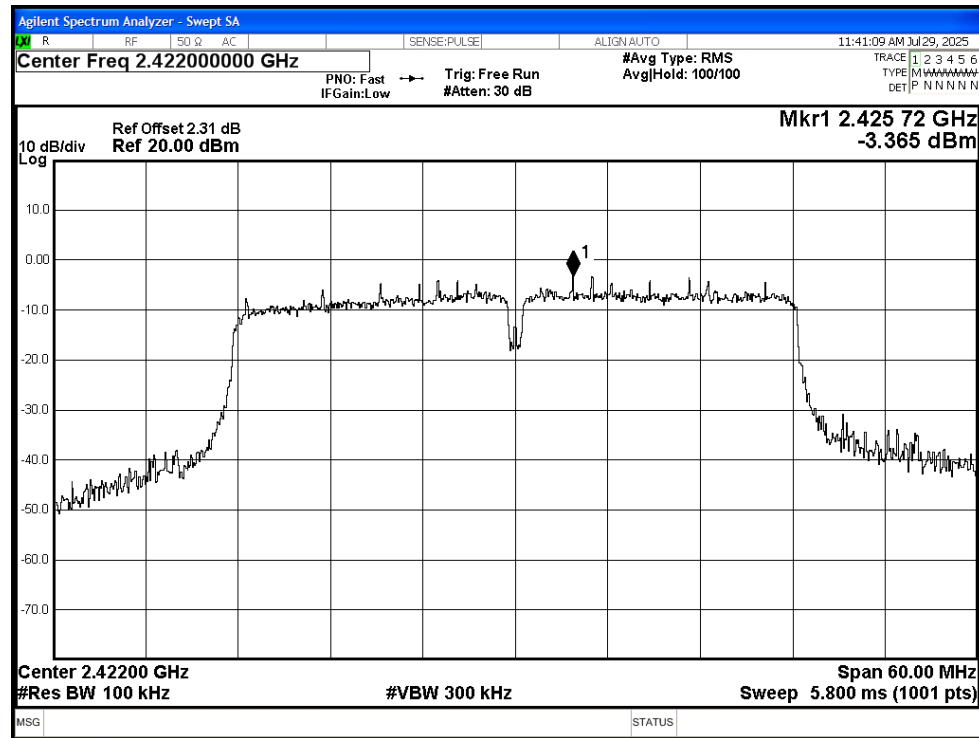
Band Edge NVNT n20 2462MHz Ant2 Ref



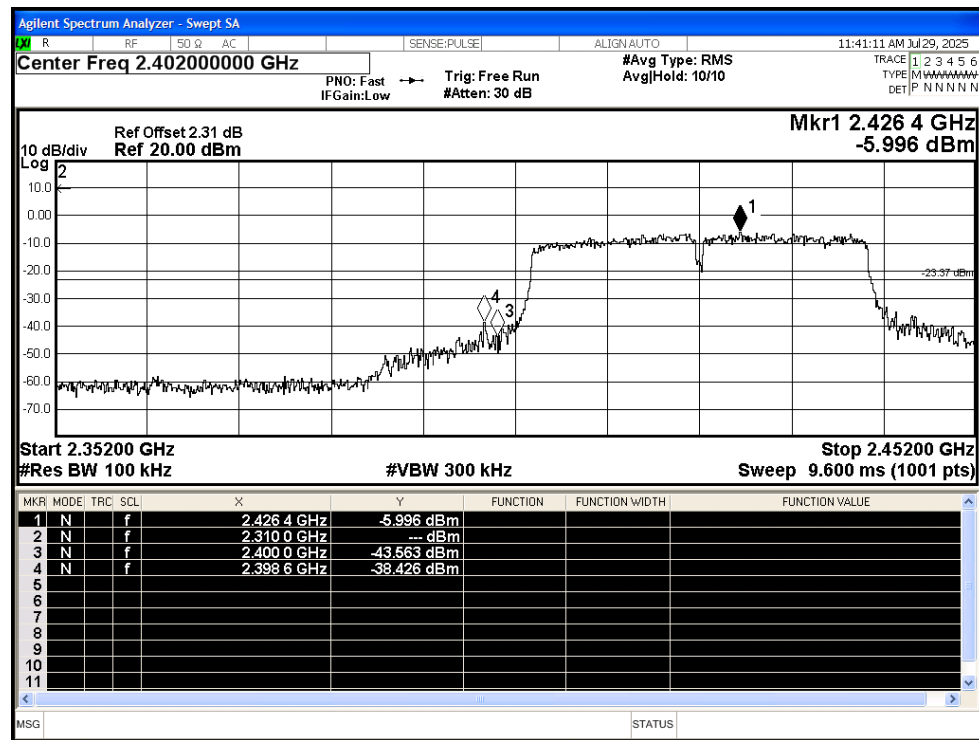
Band Edge NVNT n20 2462MHz Ant2 Emission



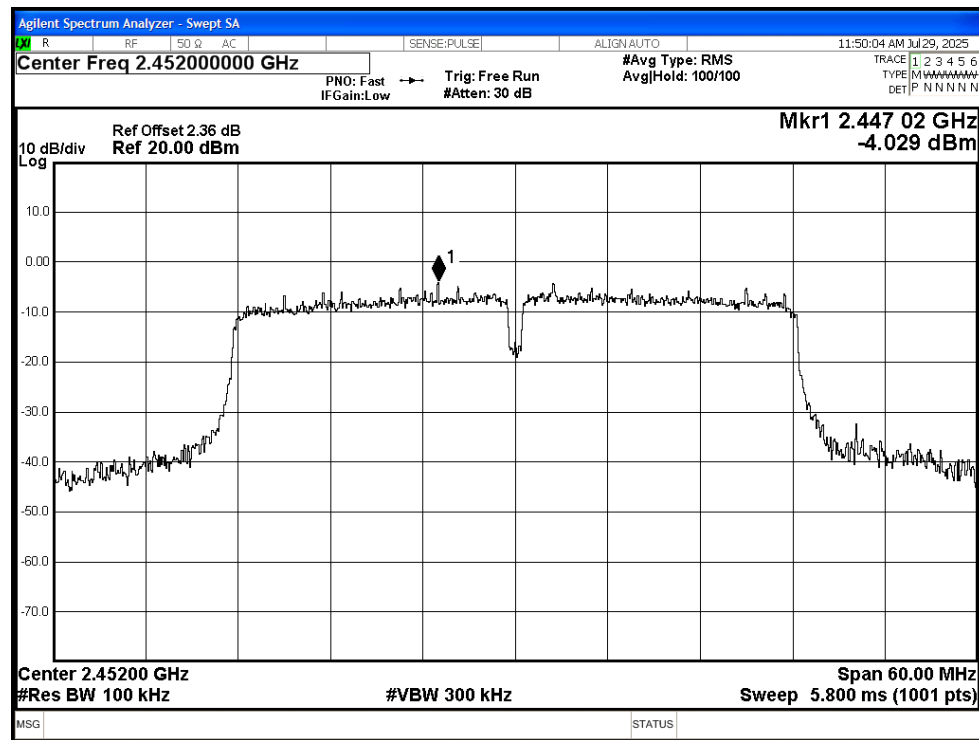
Band Edge NVNT n40 2422MHz Ant2 Ref



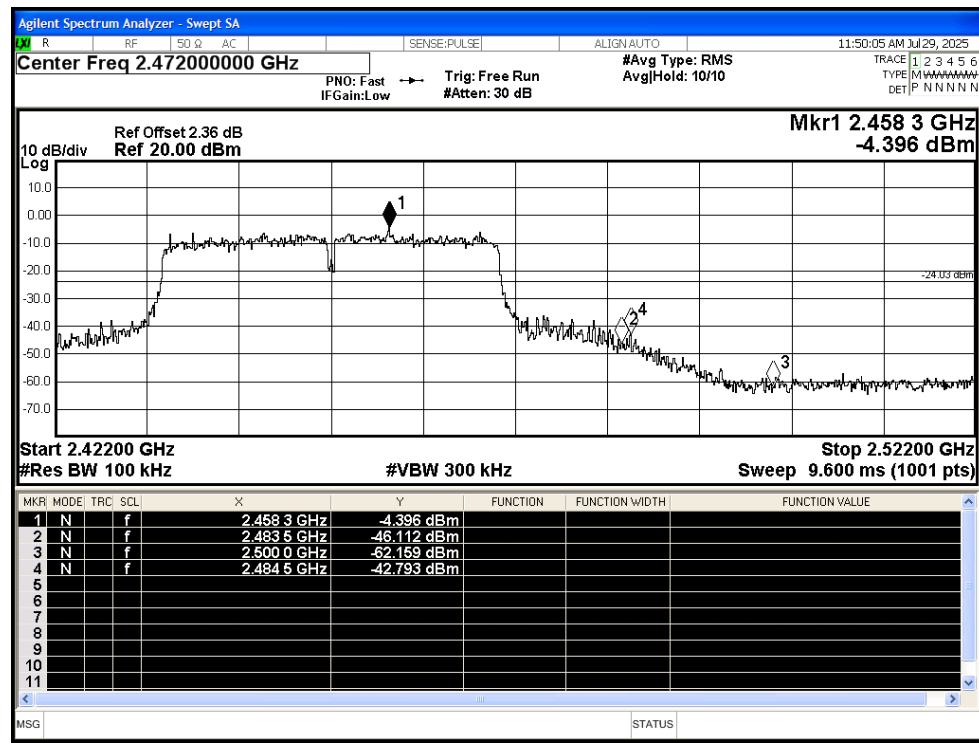
Band Edge NVNT n40 2422MHz Ant2 Emission



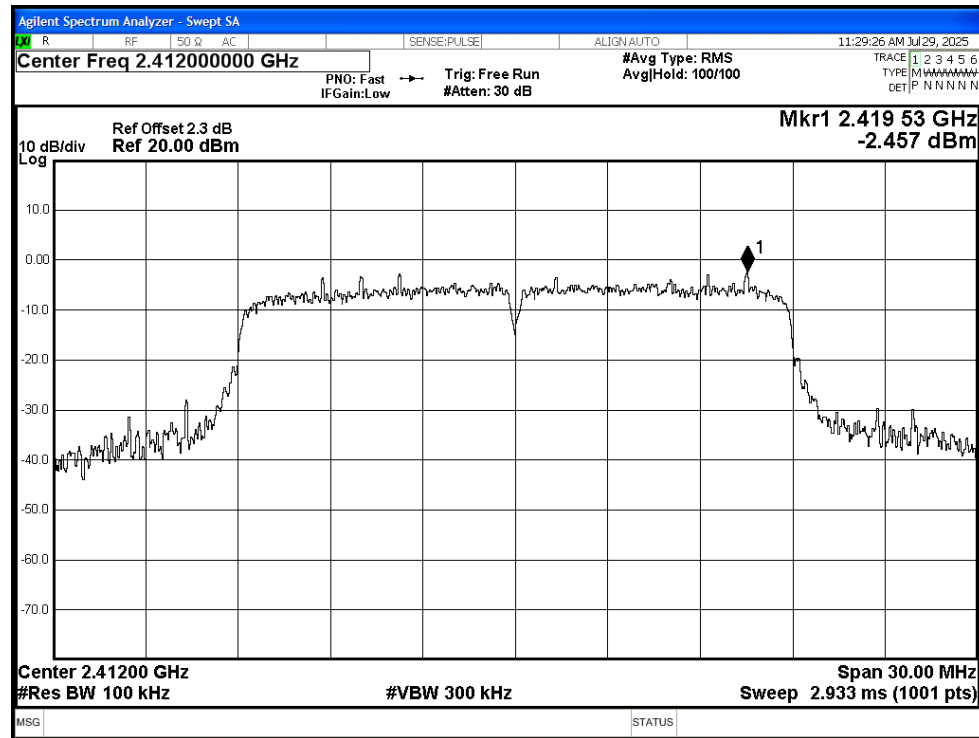
Band Edge NVNT n40 2452MHz Ant2 Ref



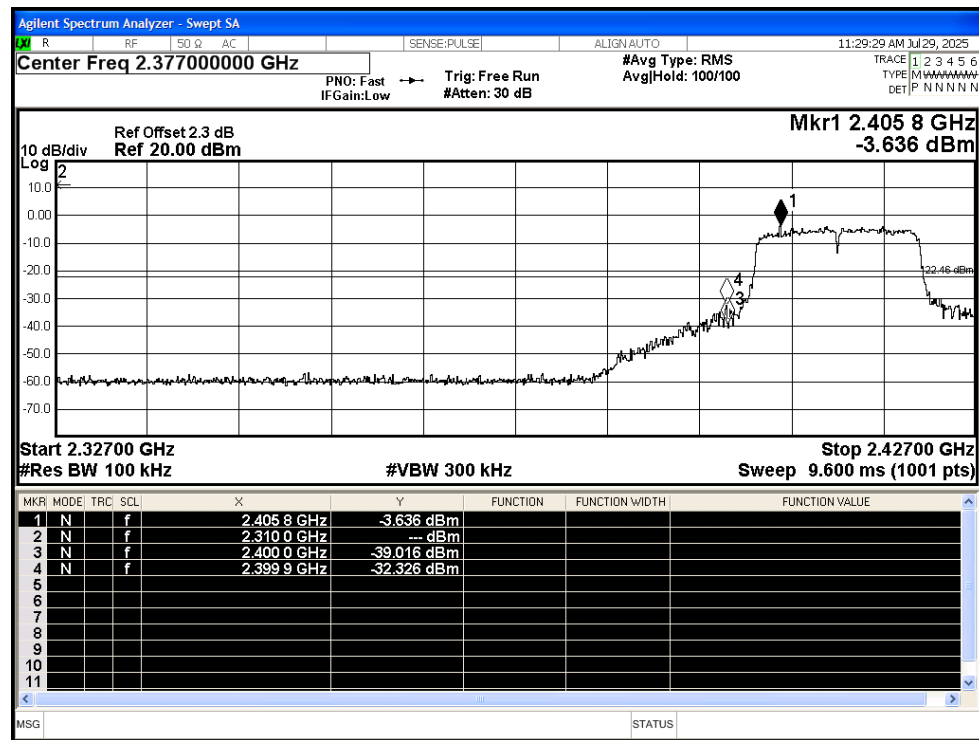
Band Edge NVNT n40 2452MHz Ant2 Emission



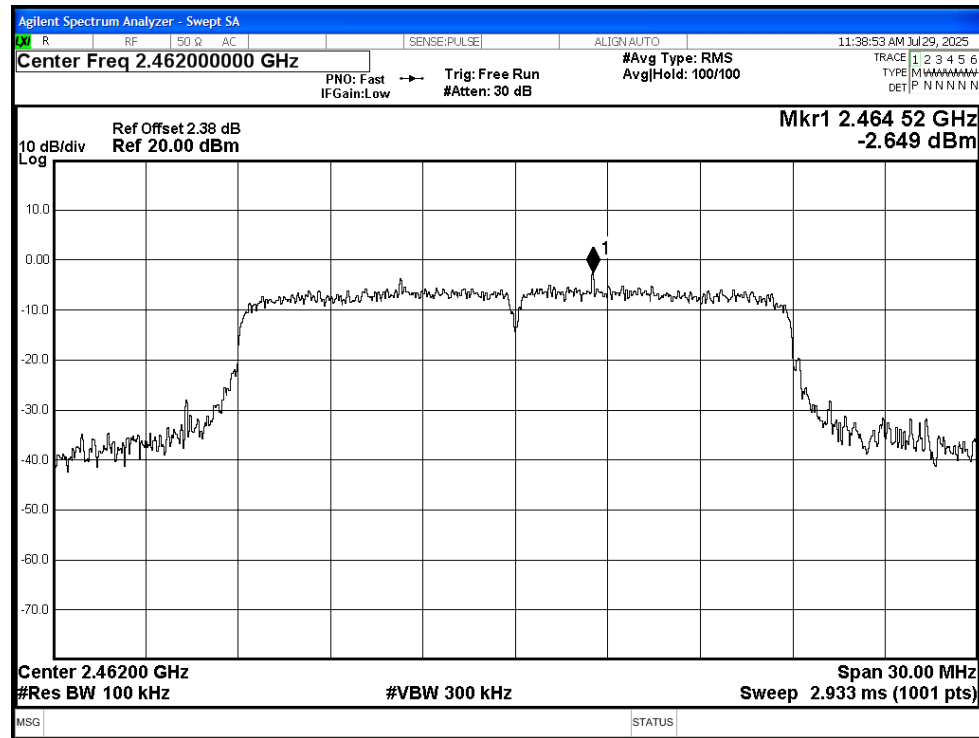
Band Edge NVNT ax20 2412MHz Ant2 Ref



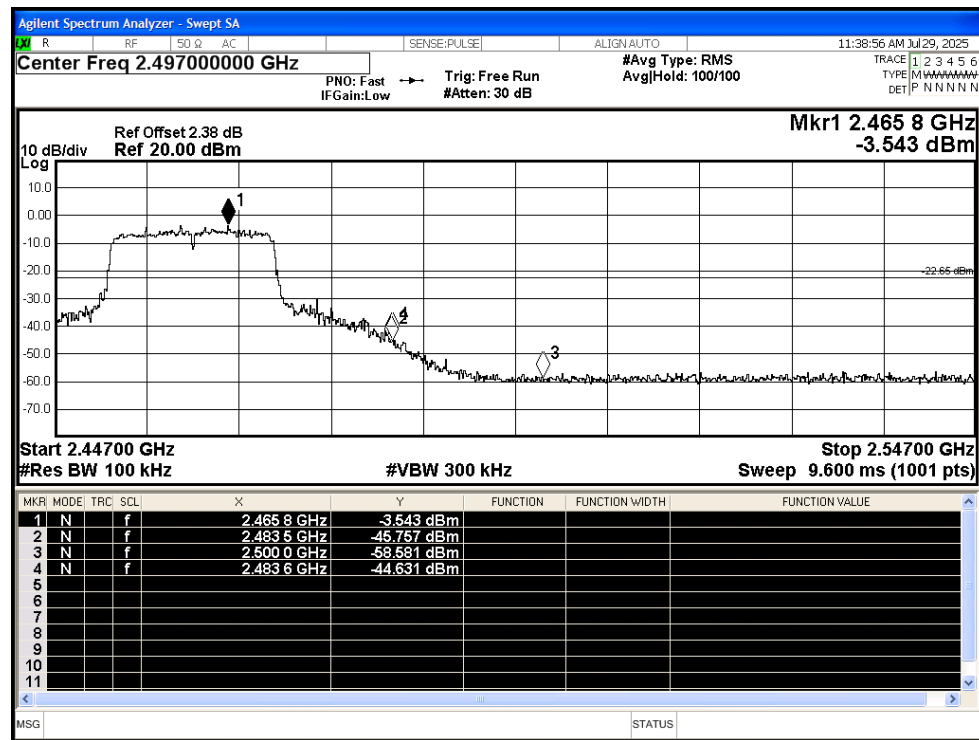
Band Edge NVNT ax20 2412MHz Ant2 Emission



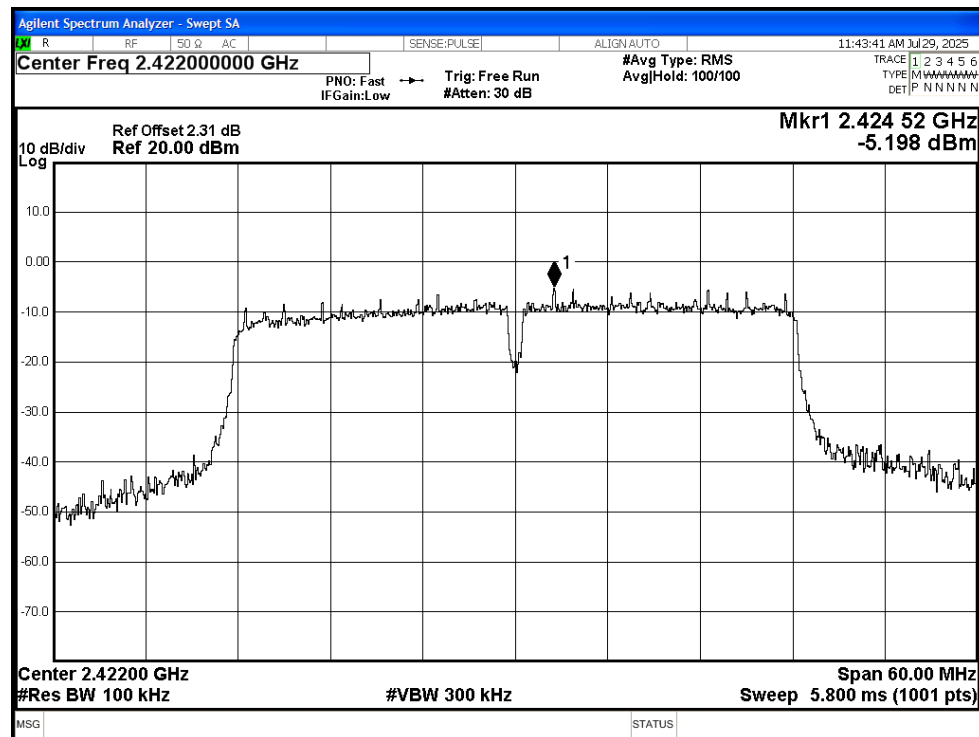
Band Edge NVNT ax20 2462MHz Ant2 Ref



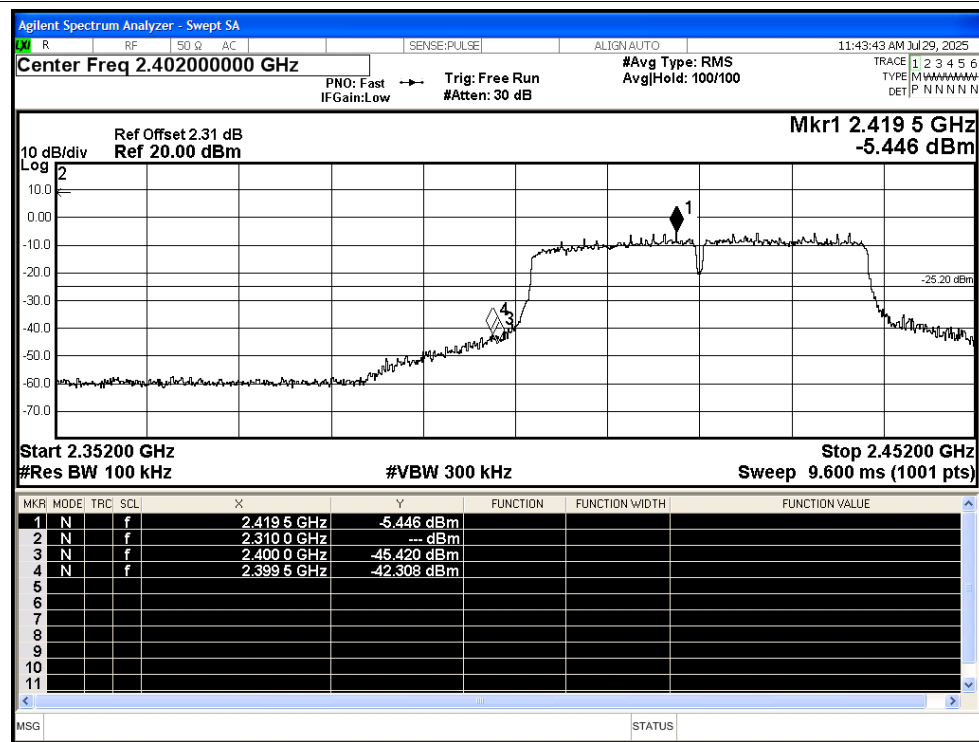
Band Edge NVNT ax20 2462MHz Ant2 Emission



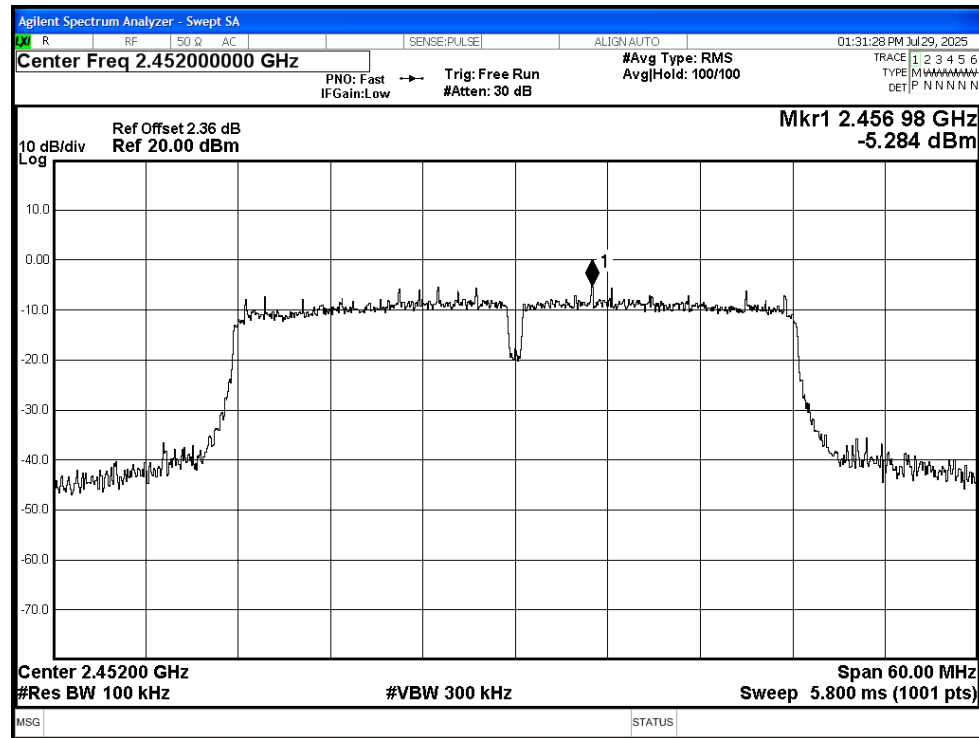
Band Edge NVNT ax40 2422MHz Ant2 Ref



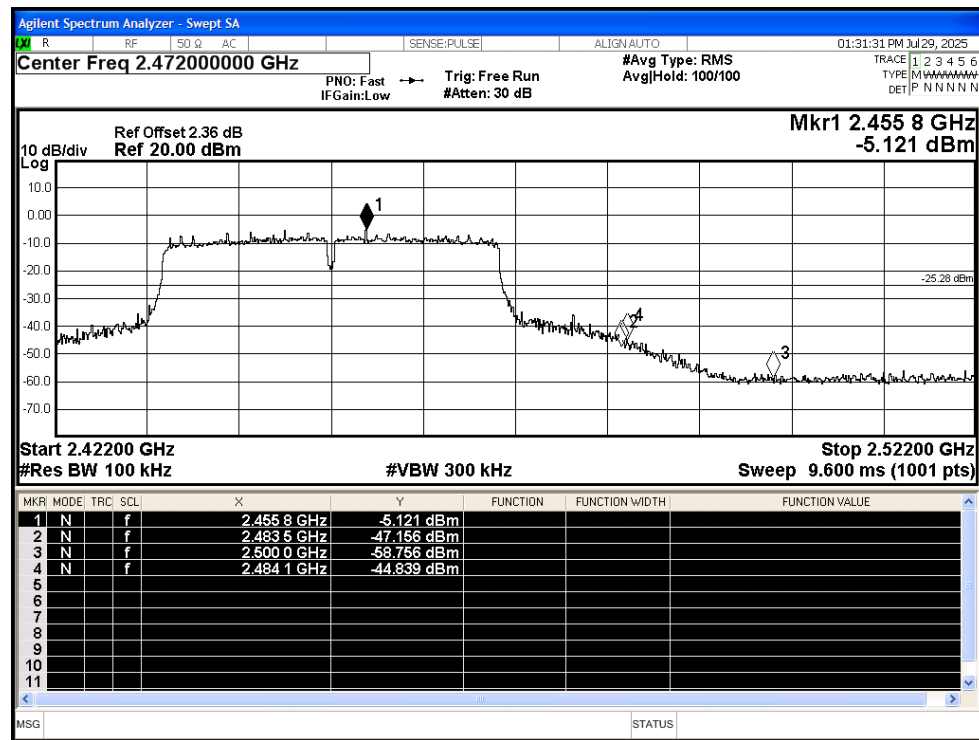
Band Edge NVNT ax40 2422MHz Ant2 Emission



Band Edge NVNT ax40 2452MHz Ant2 Ref



Band Edge NVNT ax40 2452MHz Ant2 Emission

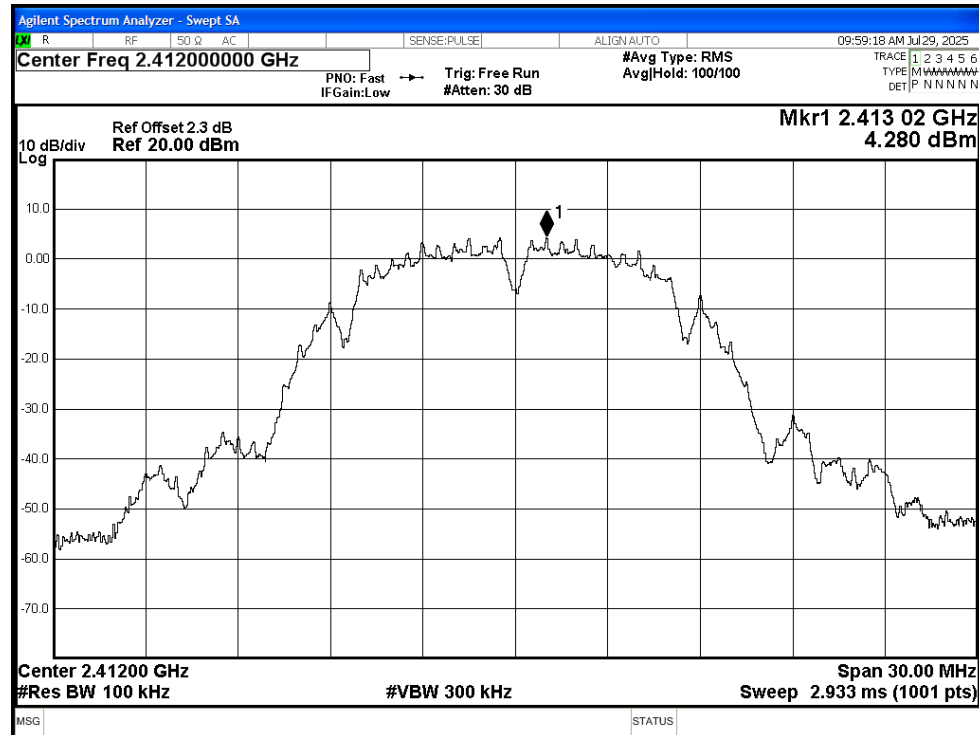


6 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-49.88	-20	Pass
NVNT	b	2437	Ant1	-50.13	-20	Pass
NVNT	b	2462	Ant1	-49.93	-20	Pass
NVNT	g	2412	Ant1	-45.15	-20	Pass
NVNT	g	2437	Ant1	-44.11	-20	Pass
NVNT	g	2462	Ant1	-45.08	-20	Pass
NVNT	n20	2412	Ant1	-43.75	-20	Pass
NVNT	n20	2437	Ant1	-43.24	-20	Pass
NVNT	n20	2462	Ant1	-42.45	-20	Pass
NVNT	n40	2422	Ant1	-41.81	-20	Pass
NVNT	n40	2437	Ant1	-41.3	-20	Pass
NVNT	n40	2452	Ant1	-40.71	-20	Pass
NVNT	ax20	2412	Ant1	-42.22	-20	Pass
NVNT	ax20	2437	Ant1	-42.46	-20	Pass
NVNT	ax20	2462	Ant1	-41.71	-20	Pass
NVNT	ax40	2422	Ant1	-38.85	-20	Pass
NVNT	ax40	2437	Ant1	-38.68	-20	Pass
NVNT	ax40	2452	Ant1	-40.09	-20	Pass

Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref



Tx. Spurious NVNT b 2412MHz Ant1 Emission

