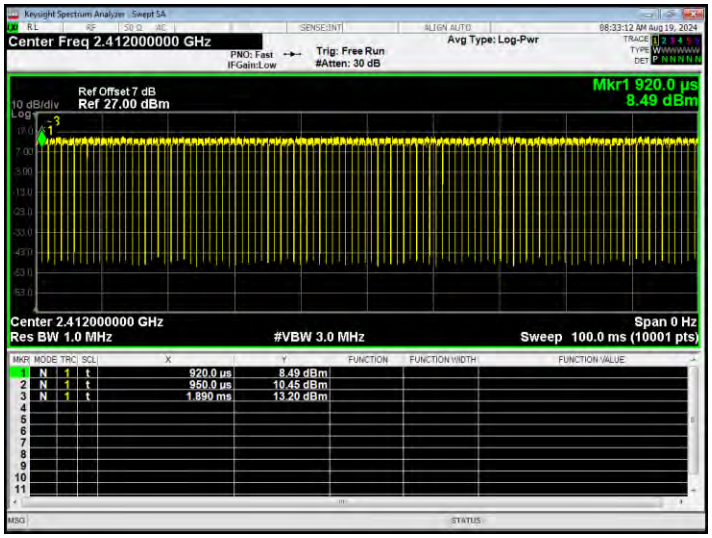
Annex Report
FCC ID: 2BH6O-PFF-1016

Applicant:	Bozz Technology (Shenzhen) Co., Ltd
Address:	201, No.16, Jiayi Industrial Park, Guixiang Community, Guanlan Street, Longhua District, Shenzhen City
Manufacturer:	Bozz Technology (Shenzhen) Co., Ltd
Address:	201, No.16, Jiayi Industrial Park, Guixiang Community, Guanlan Street, Longhua District, Shenzhen City
EUT:	Digital Photo Frame
Trade Mark:	N/A
Model Number:	PFF-1016, PFF-816
Date of Receipt:	Jul. 29, 2024
Test Date:	Jul. 29, 2024 - Aug. 26, 2024
Date of Report:	Aug. 26, 2024
Prepared By:	Shenzhen DL Testing Technology Co., Ltd.
Address:	101-201, Building C, Shuanghuan, No.8, Baoqing Road, Baolong Industrial Zone, Baolong Street, Longgang District, Shenzhen, Guangdong, China
Applicable Standards:	FCC PART 15 C 15.247 ANSI C63.10:2013
Test Result:	Pass

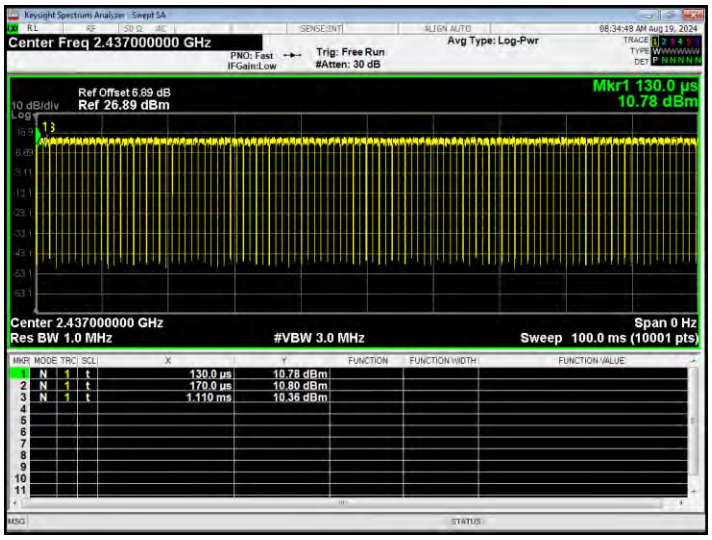
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	b	2412	Ant1	96.91	0.14
NVNT	b	2437	Ant1	95.92	0.18
NVNT	b	2462	Ant1	95.92	0.18
NVNT	g	2412	Ant1	81.82	0.87
NVNT	g	2437	Ant1	81.82	0.87
NVNT	g	2462	Ant1	81.82	0.87
NVNT	n20	2412	Ant1	97.01	0.13
NVNT	n20	2437	Ant1	97.01	0.13
NVNT	n20	2462	Ant1	97.01	0.13
NVNT	n40	2422	Ant1	94.2	0.26
NVNT	n40	2437	Ant1	94.2	0.26
NVNT	n40	2452	Ant1	94.2	0.26

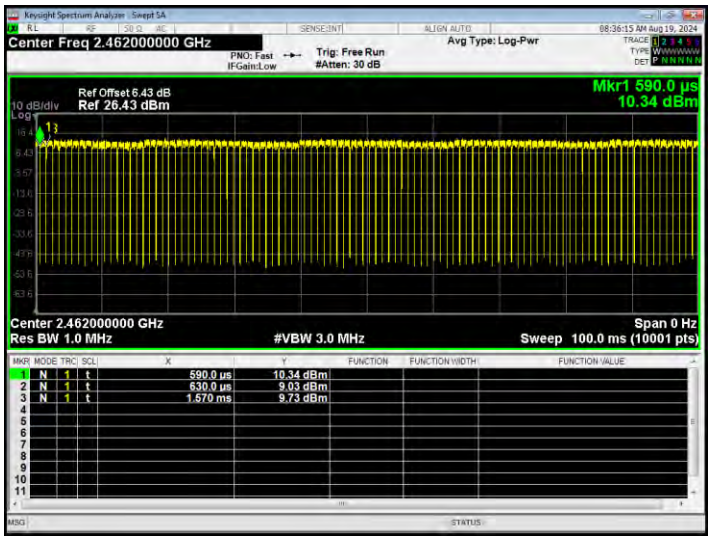
Duty Cycle NVNT b 2412MHz Ant1



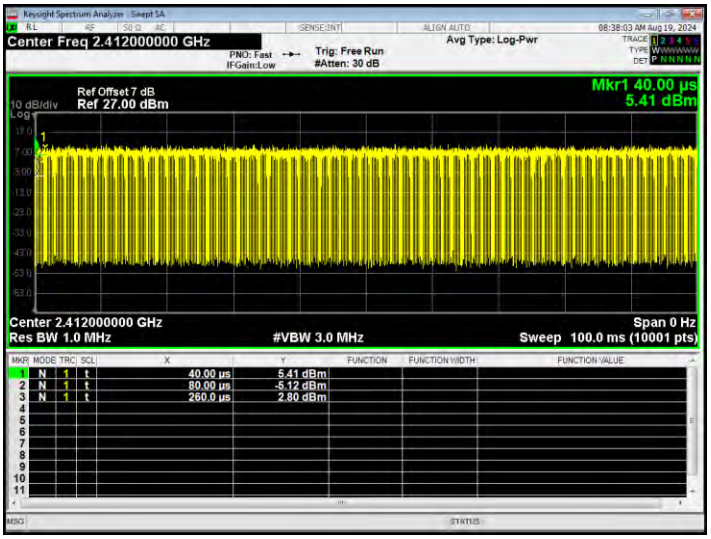
Duty Cycle NVNT b 2437MHz Ant1



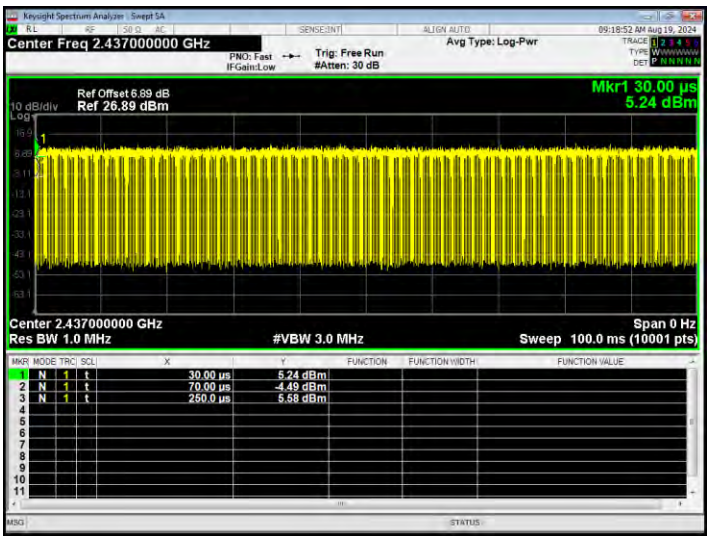
Duty Cycle NVNT b 2462MHz Ant1



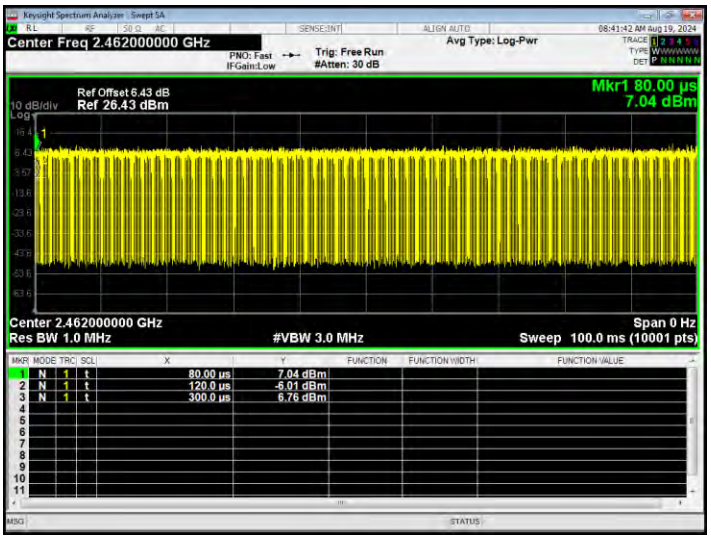
Duty Cycle NVNT g 2412MHz Ant1



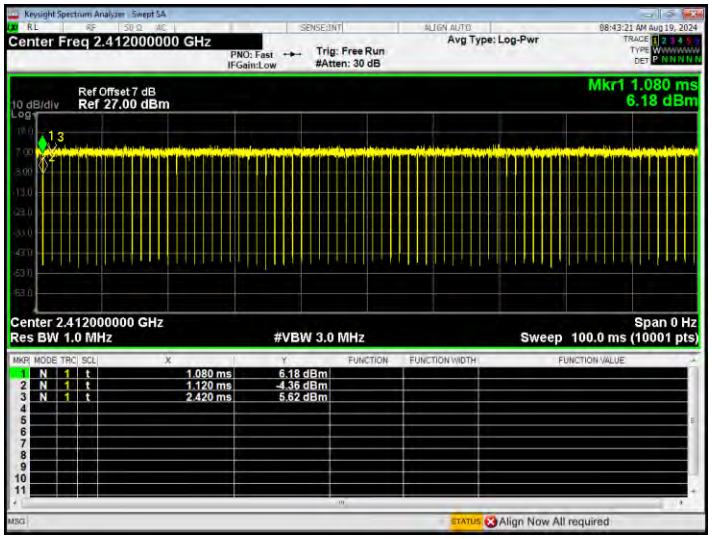
Duty Cycle NVNT g 2437MHz Ant1



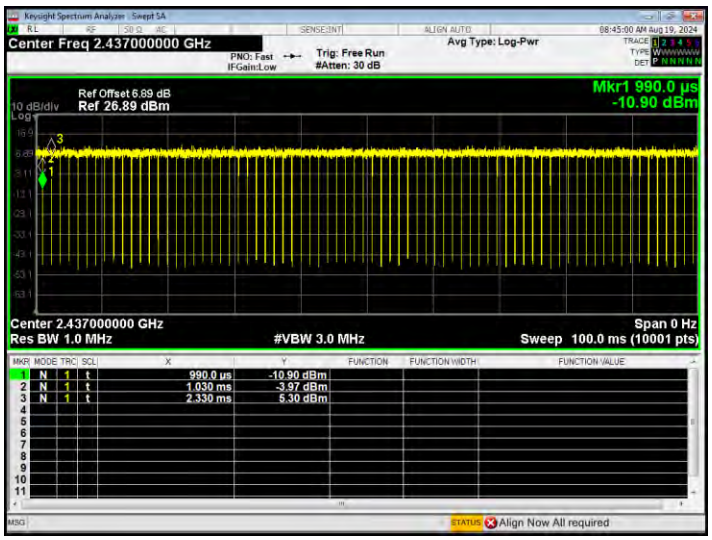
Duty Cycle NVNT g 2462MHz Ant1



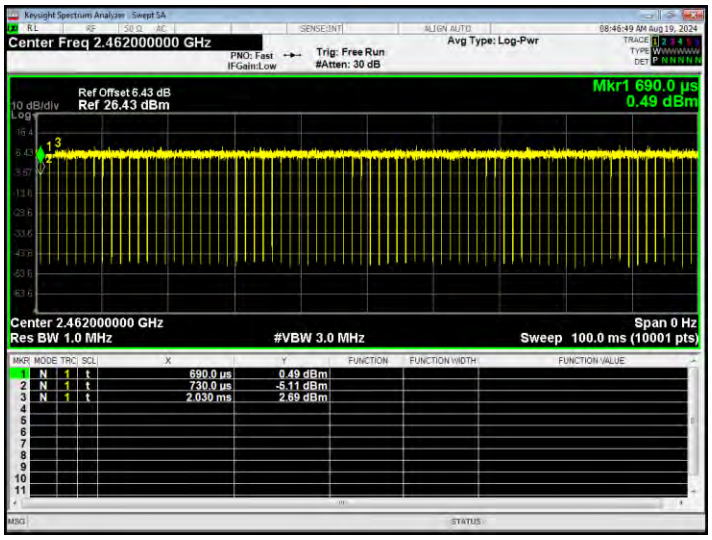
Duty Cycle NVNT n20 2412MHz Ant1



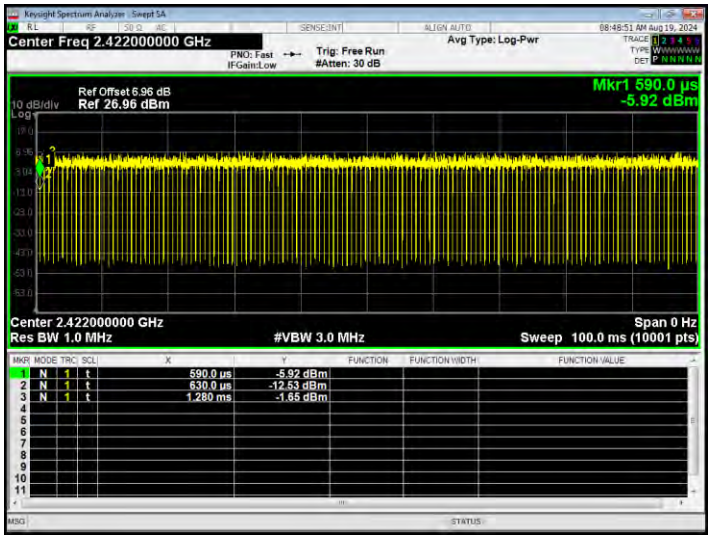
Duty Cycle NVNT n20 2437MHz Ant1



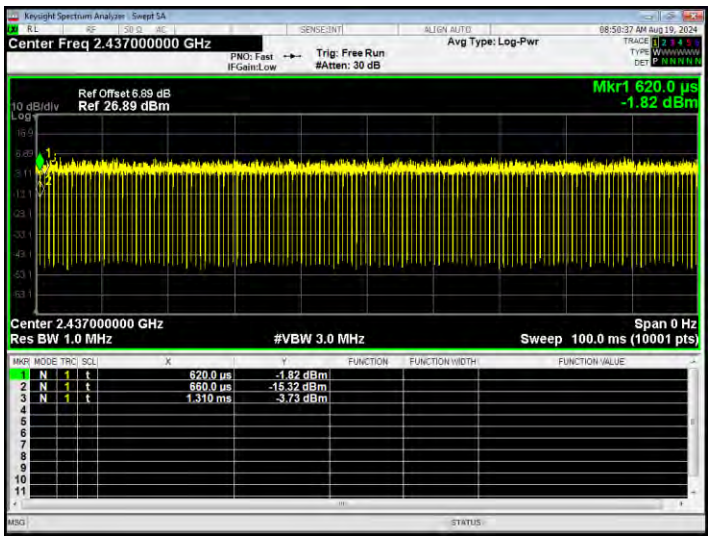
Duty Cycle NVNT n20 2462MHz Ant1



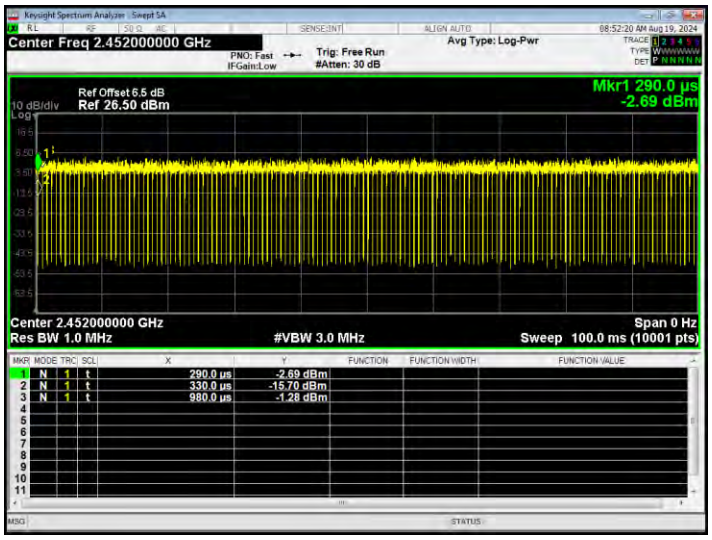
Duty Cycle NVNT n40 2422MHz Ant1



Duty Cycle NVNT n40 2437MHz Ant1



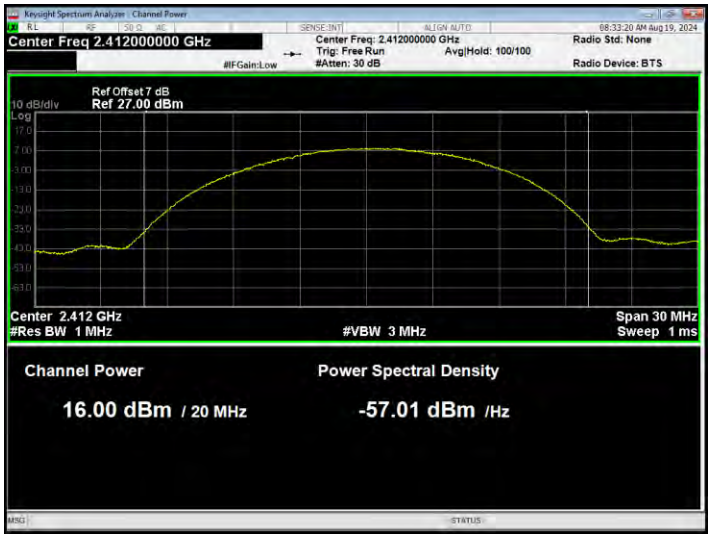
Duty Cycle NVNT n40 2452MHz Ant1



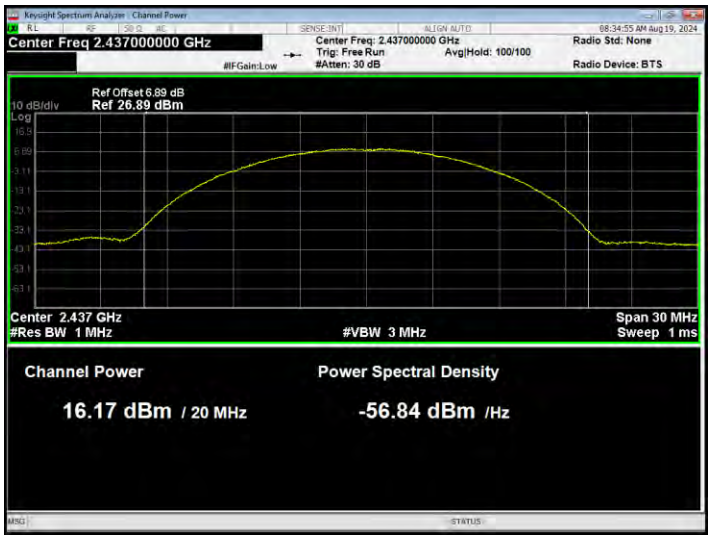
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	16.003	0.14	16.143	30	Pass
NVNT	b	2437	Ant1	16.171	0.18	16.351	30	Pass
NVNT	b	2462	Ant1	14.255	0.18	14.435	30	Pass
NVNT	g	2412	Ant1	12.524	0.87	13.394	30	Pass
NVNT	g	2437	Ant1	13.088	0.87	13.958	30	Pass
NVNT	g	2462	Ant1	10.99	0.87	11.860	30	Pass
NVNT	n20	2412	Ant1	13.917	0.13	14.047	30	Pass
NVNT	n20	2437	Ant1	14.044	0.13	14.174	30	Pass
NVNT	n20	2462	Ant1	11.851	0.13	11.981	30	Pass
NVNT	n40	2422	Ant1	13.275	0.26	13.535	30	Pass
NVNT	n40	2437	Ant1	12.927	0.26	13.187	30	Pass
NVNT	n40	2452	Ant1	11.945	0.26	12.205	30	Pass

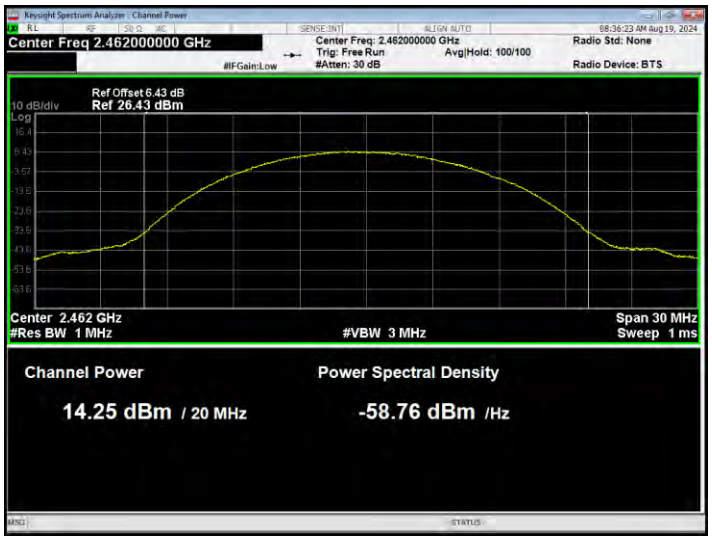
Power NVNT b 2412MHz Ant1



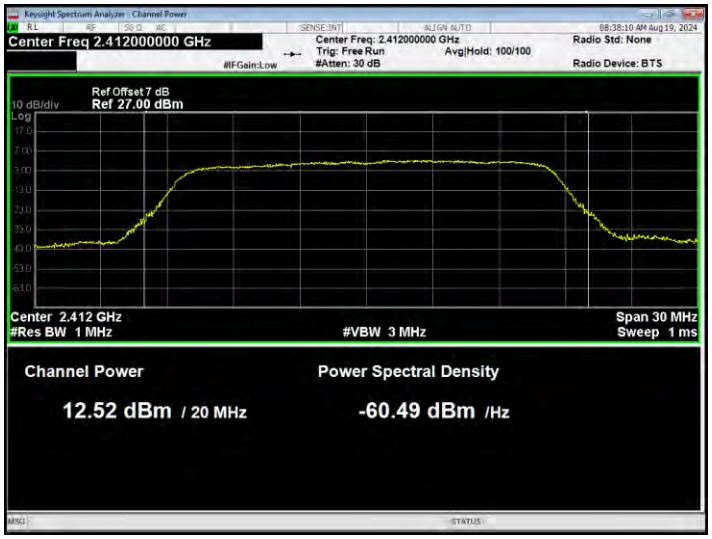
Power NVNT b 2437MHz Ant1



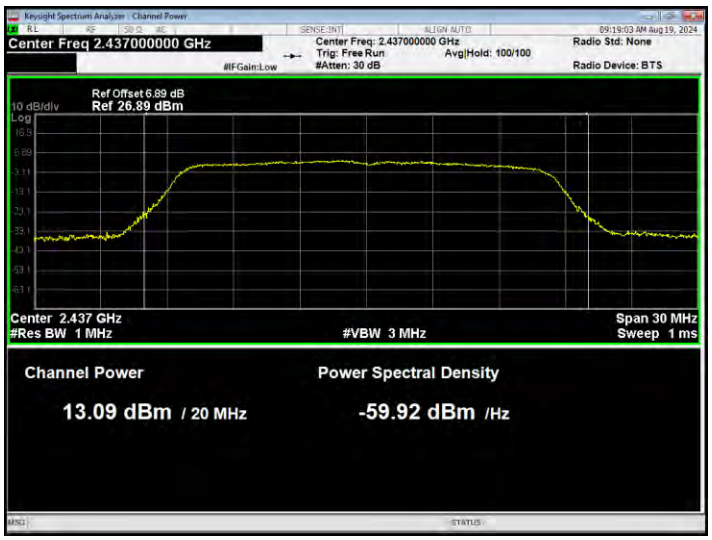
Power NVNT b 2462MHz Ant1



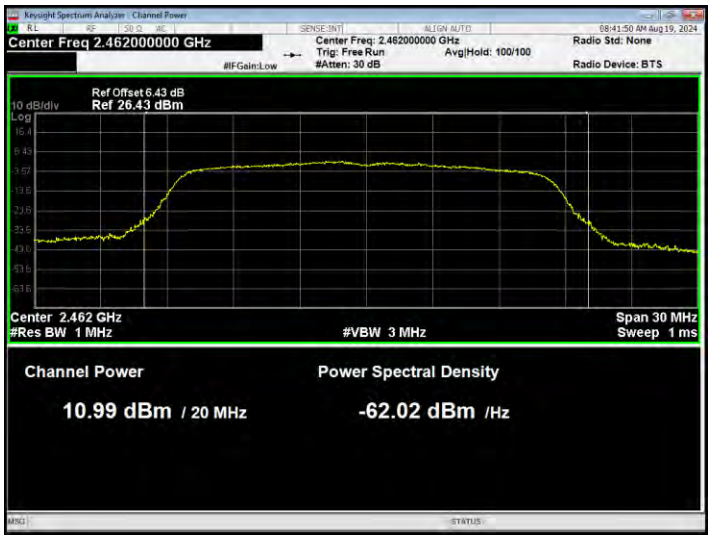
Power NVNT g 2412MHz Ant1



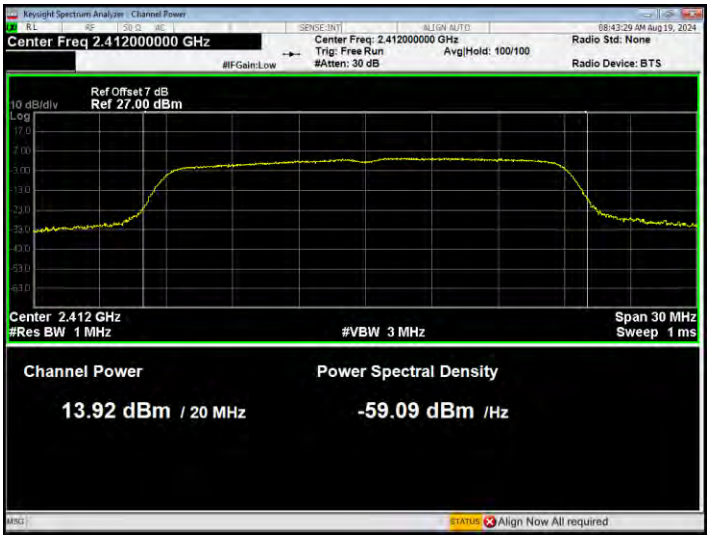
Power NVNT g 2437MHz Ant1



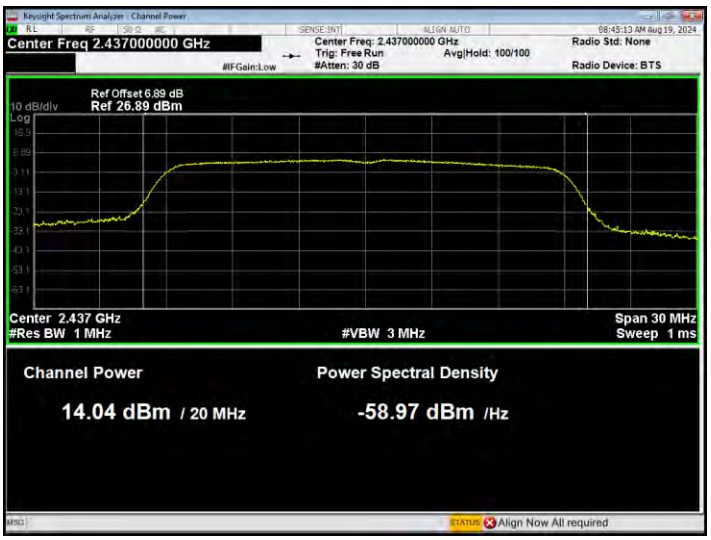
Power NVNT g 2462MHz Ant1



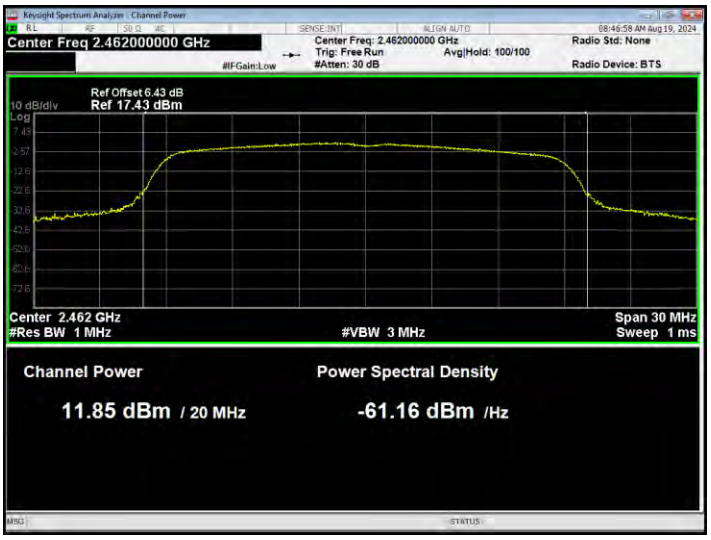
Power NVNT n20 2412MHz Ant1



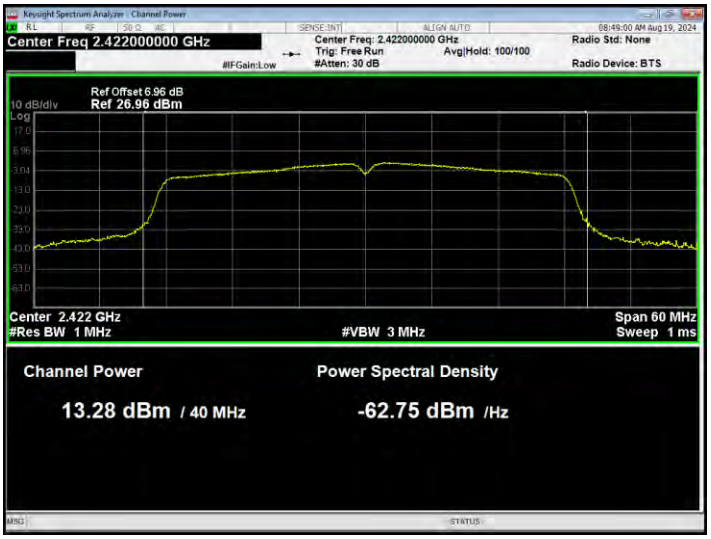
Power NVNT n20 2437MHz Ant1



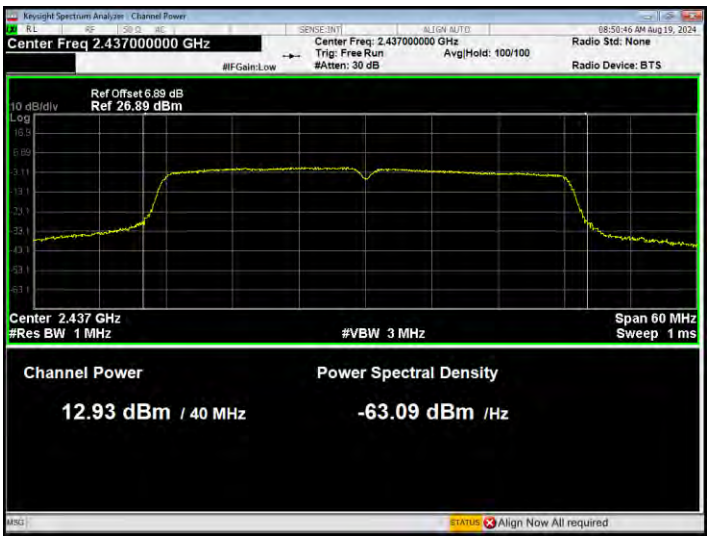
Power NVNT n20 2462MHz Ant1



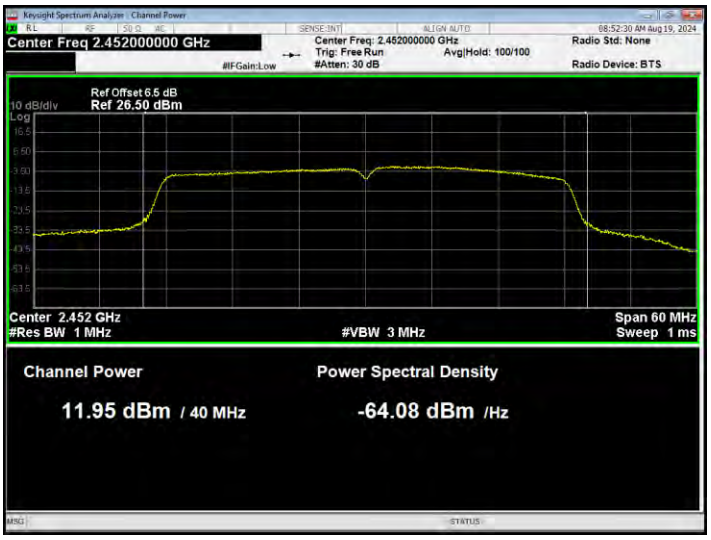
Power NVNT n40 2422MHz Ant1



Power NVNT n40 2437MHz Ant1



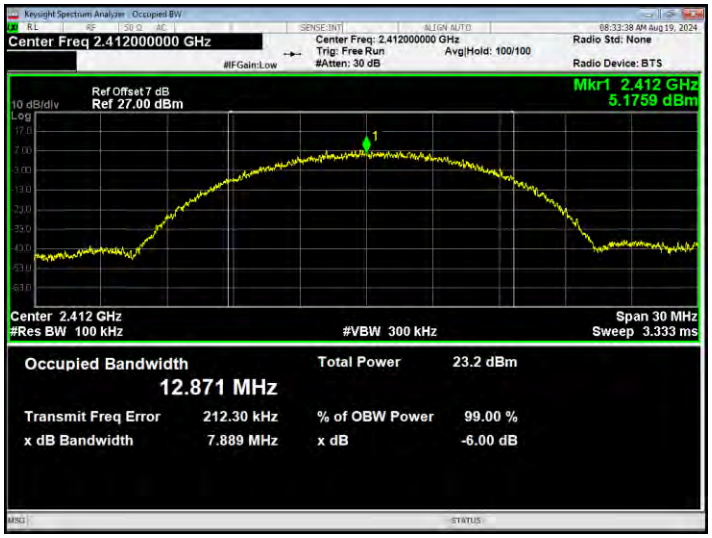
Power NVNT n40 2452MHz Ant1



-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	7.889	0.5	Pass
NVNT	b	2437	Ant1	8.518	0.5	Pass
NVNT	b	2462	Ant1	8.227	0.5	Pass
NVNT	g	2412	Ant1	15.729	0.5	Pass
NVNT	g	2437	Ant1	15.713	0.5	Pass
NVNT	g	2462	Ant1	15.112	0.5	Pass
NVNT	n20	2412	Ant1	16.299	0.5	Pass
NVNT	n20	2437	Ant1	16.344	0.5	Pass
NVNT	n20	2462	Ant1	15.014	0.5	Pass
NVNT	n40	2422	Ant1	25.062	0.5	Pass
NVNT	n40	2437	Ant1	35.038	0.5	Pass
NVNT	n40	2452	Ant1	35.05	0.5	Pass

-6dB Bandwidth NVNT b 2412MHz Ant1



-6dB Bandwidth NVNT b 2437MHz Ant1

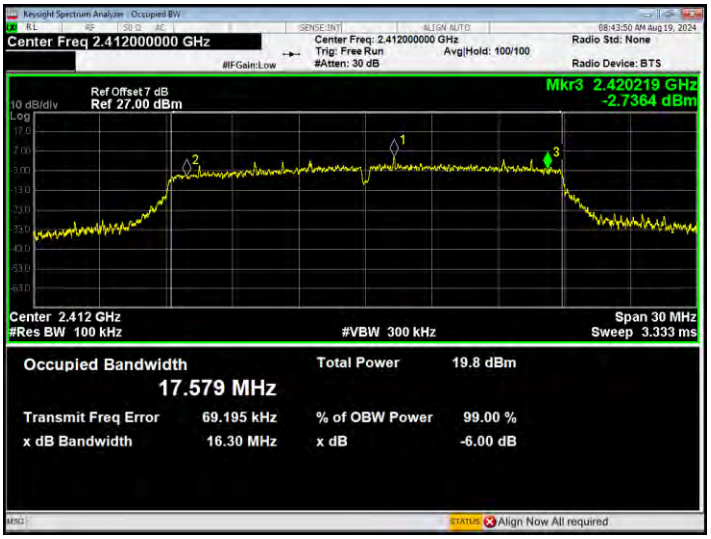
-6dB Bandwidth NVNT b 2462MHz Ant1

-6dB Bandwidth NVNT g 2412MHz Ant1

-6dB Bandwidth NVNT g 2437MHz Ant1

-6dB Bandwidth NVNT g 2462MHz Ant1

-6dB Bandwidth NVNT n20 2412MHz Ant1



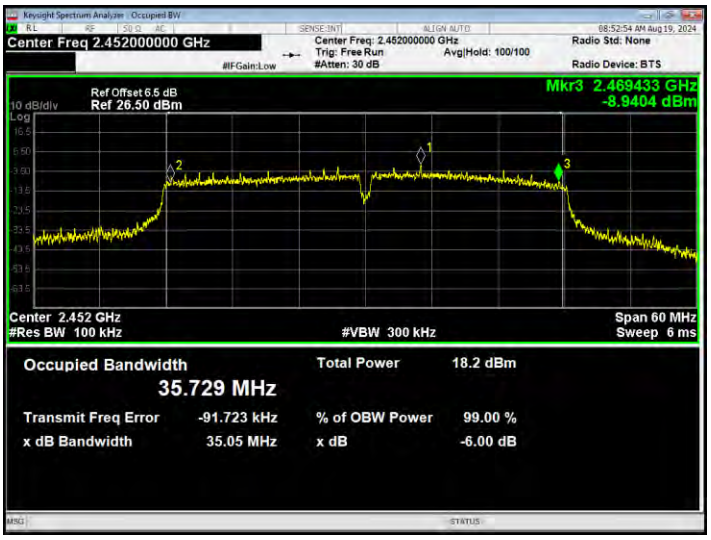
-6dB Bandwidth NVNT n20 2437MHz Ant1

-6dB Bandwidth NVNT n20 2462MHz Ant1

-6dB Bandwidth NVNT n40 2422MHz Ant1

-6dB Bandwidth NVNT n40 2437MHz Ant1

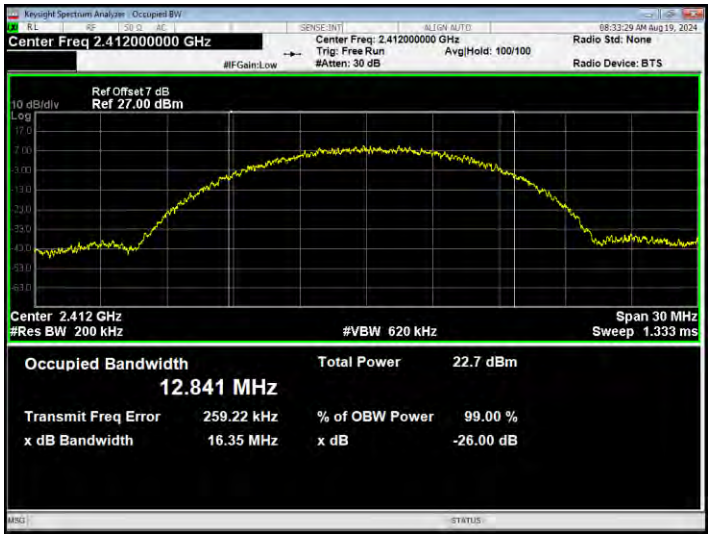
-6dB Bandwidth NVNT n40 2452MHz Ant1



Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	12.84104159
NVNT	b	2437	Ant1	12.74965675
NVNT	b	2462	Ant1	12.47625988
NVNT	g	2412	Ant1	16.42017694
NVNT	g	2437	Ant1	16.40534903
NVNT	g	2462	Ant1	16.30784316
NVNT	n20	2412	Ant1	17.67171723
NVNT	n20	2437	Ant1	17.64124027
NVNT	n20	2462	Ant1	17.43772227
NVNT	n40	2422	Ant1	35.66883015
NVNT	n40	2437	Ant1	36.12832409
NVNT	n40	2452	Ant1	35.83109432

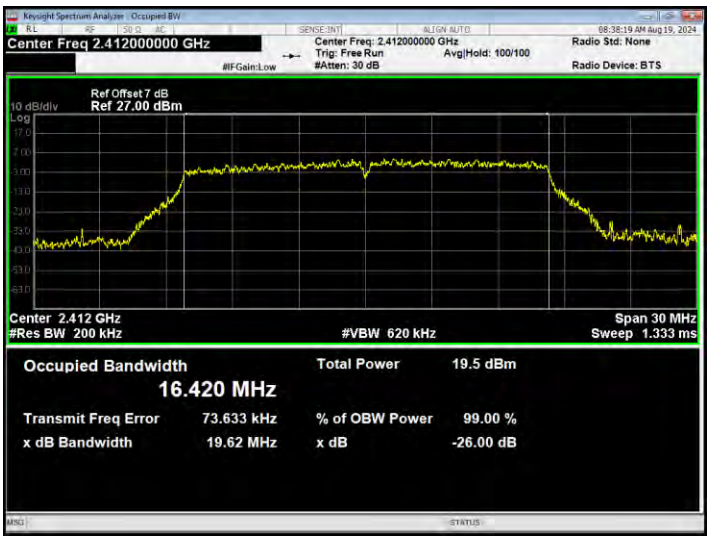
OBW NVNT b 2412MHz Ant1



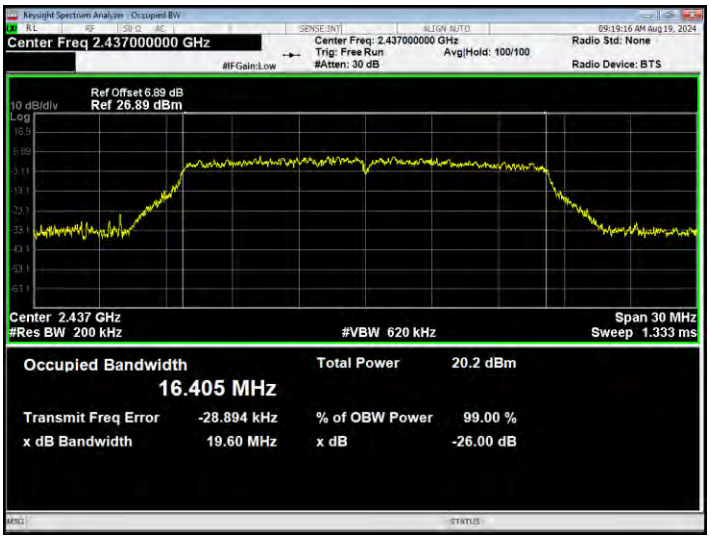
OBW NVNT b 2437MHz Ant1

OBW NVNT b 2462MHz Ant1

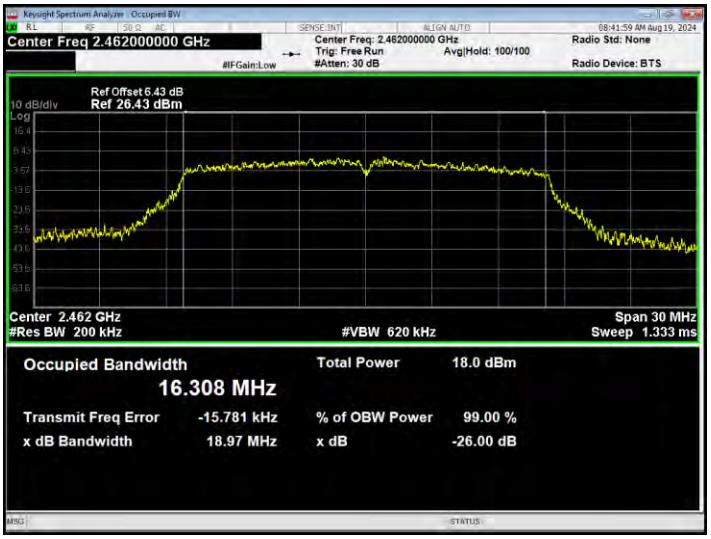
OBW NVNT g 2412MHz Ant1



OBW NVNT g 2437MHz Ant1

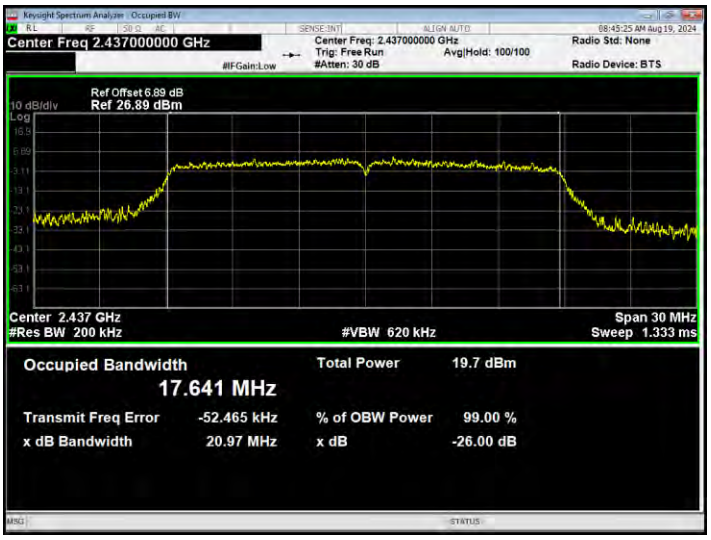


OBW NVNT g 2462MHz Ant1



OBW NVNT n20 2412MHz Ant1

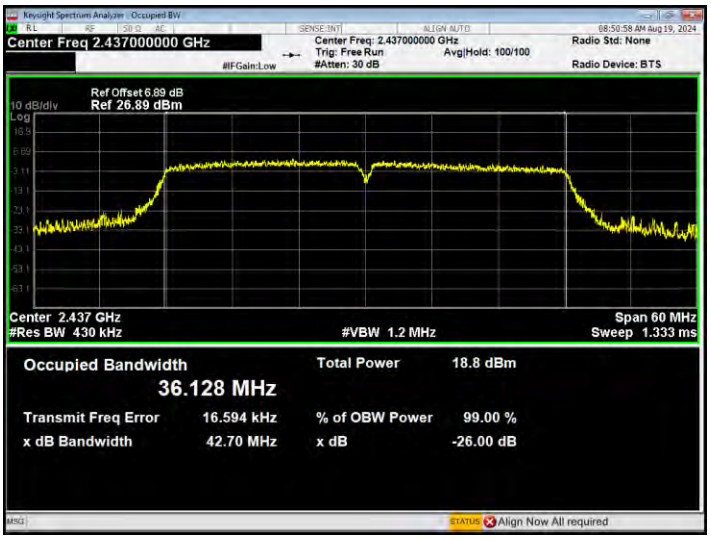
OBW NVNT n20 2437MHz Ant1



OBW NVNT n20 2462MHz Ant1

OBW NVNT n40 2422MHz Ant1

OBW NVNT n40 2437MHz Ant1



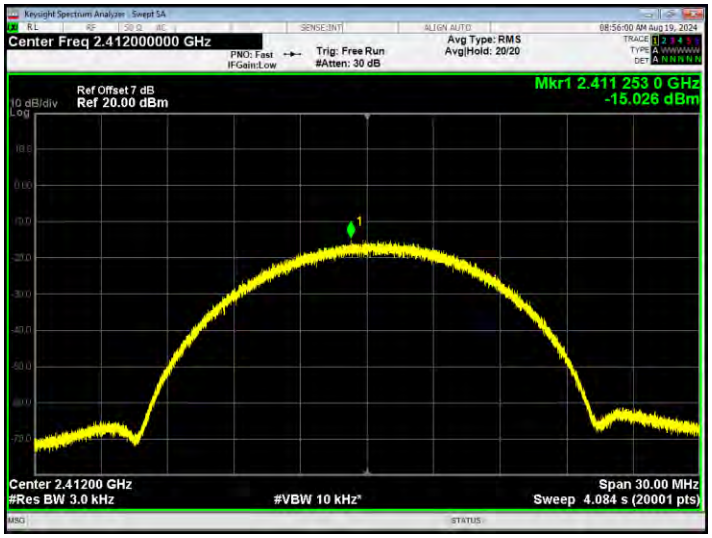
OBW NVNT n40 2452MHz Ant1


Keysight Spectrum Analyzer - Occupied BW
RL
RF
50 Ω
AC
SENSE:INT
ALIGN AUTO
08:52:42 AM Aug 19, 2024
Center Freq 2.452000000 GHz
Center Freq: 2.452000000 GHz
Trig: Free Run
Avg|Hold: 100/100
#IFGain:Low
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Ref Offset 6.5 dB
10 dB/div
Ref 26.50 dBm
Log
16.5
6.50
-3.50
-13.5
-23.5
-33.5
-43.5
-53.5
-63.5
Center 2.452 GHz
#Res BW 430 kHz
#VBW 1.2 MHz
Span 60 MHz
Sweep 1.333 ms
Occupied Bandwidth
35.831 MHz
Total Power
17.8 dBm
Transmit Freq Error
-59.639 kHz
% of OBW Power
99.00 %
x dB Bandwidth
40.43 MHz
x dB
-26.00 dB
MSG
STATUS

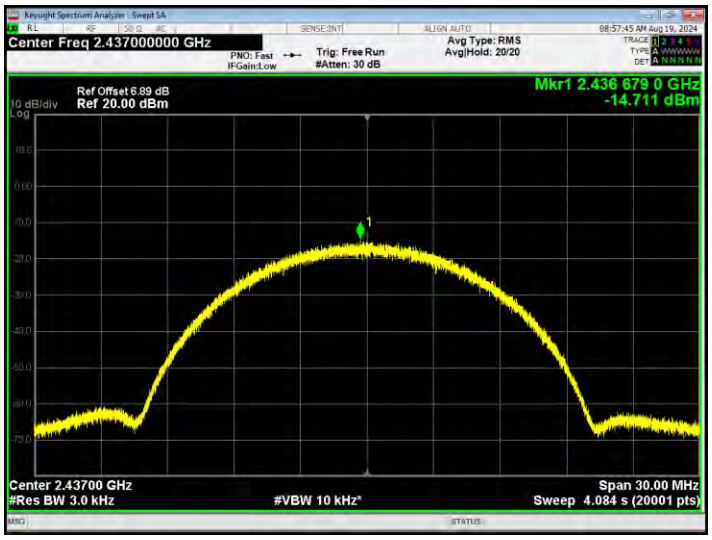
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	-15.026	0.14	-14.886	8	Pass
NVNT	b	2437	Ant1	-14.711	0.18	-14.531	8	Pass
NVNT	b	2462	Ant1	-16.099	0.18	-15.919	8	Pass
NVNT	g	2412	Ant1	-18.077	0.87	-17.207	8	Pass
NVNT	g	2437	Ant1	-17.61	0.87	-16.74	8	Pass
NVNT	g	2462	Ant1	-19.48	0.87	-18.61	8	Pass
NVNT	n20	2412	Ant1	-18.392	0.13	-18.262	8	Pass
NVNT	n20	2437	Ant1	-18.649	0.13	-18.519	8	Pass
NVNT	n20	2462	Ant1	-19.466	0.13	-19.336	8	Pass
NVNT	n40	2422	Ant1	-20.279	0.26	-20.019	8	Pass
NVNT	n40	2437	Ant1	-22.122	0.26	-21.862	8	Pass
NVNT	n40	2452	Ant1	-22.782	0.26	-22.522	8	Pass

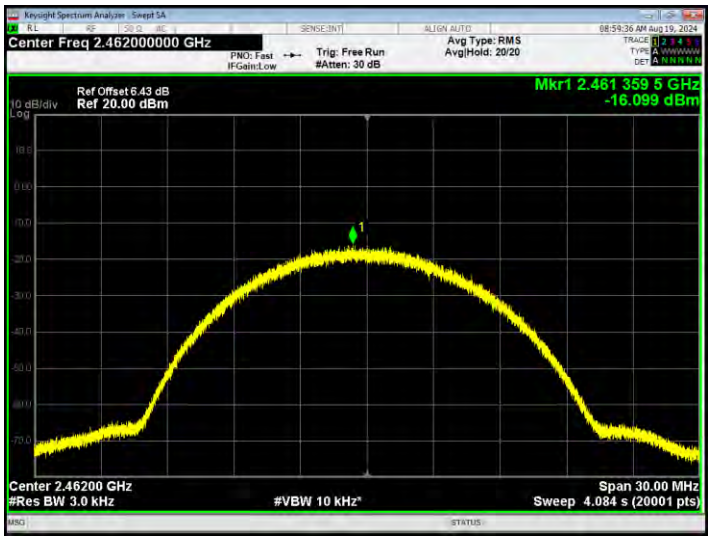
PSD NVNT b 2412MHz Ant1



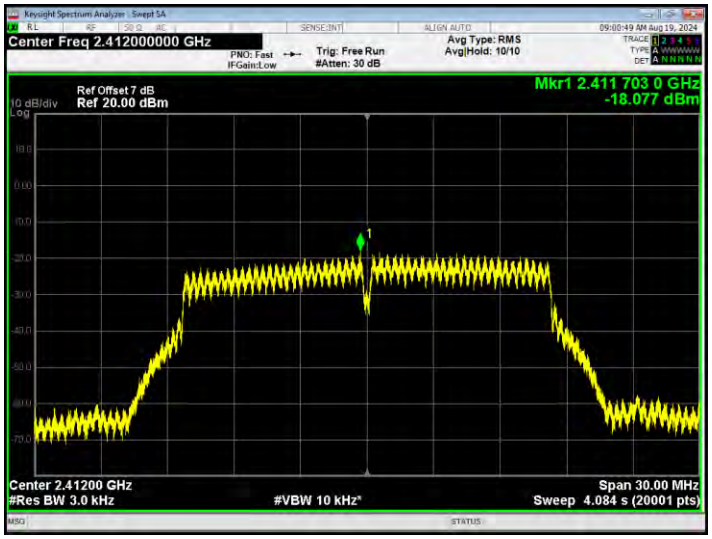
PSD NVNT b 2437MHz Ant1



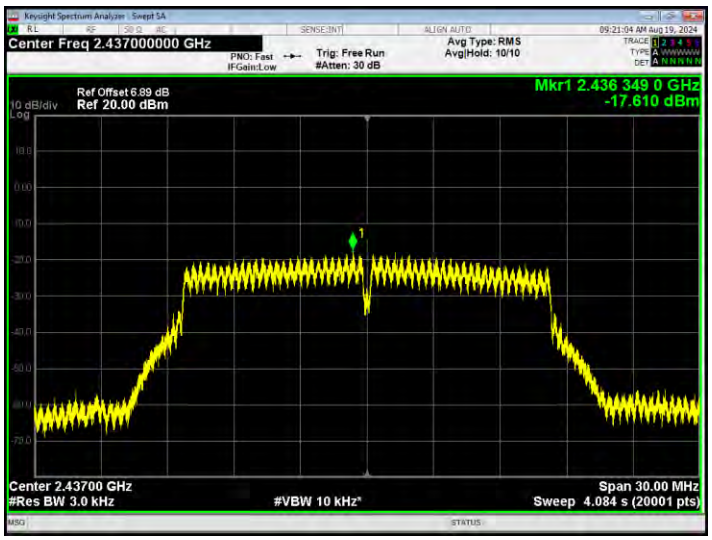
PSD NVNT b 2462MHz Ant1



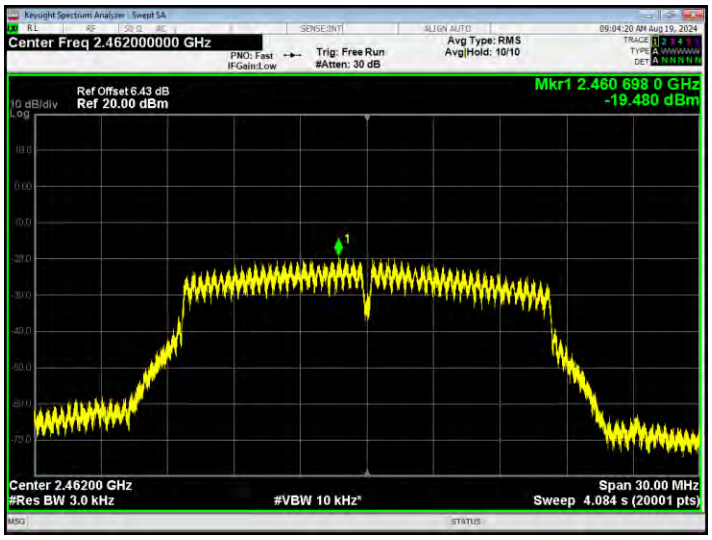
PSD NVNT g 2412MHz Ant1



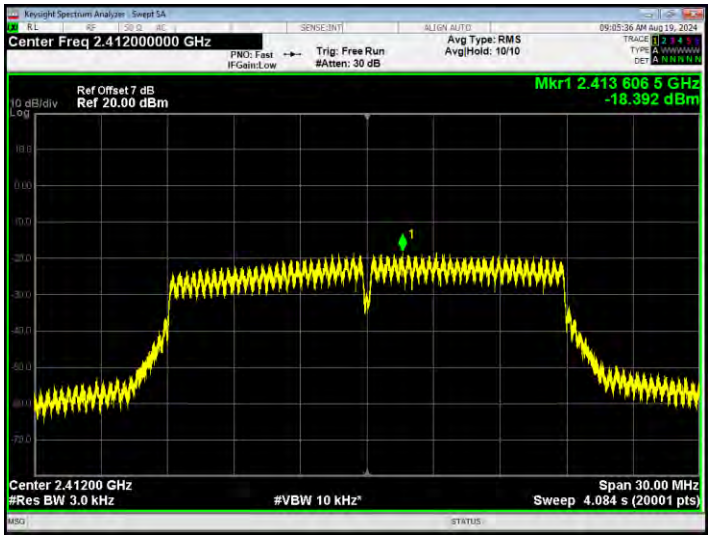
PSD NVNT g 2437MHz Ant1



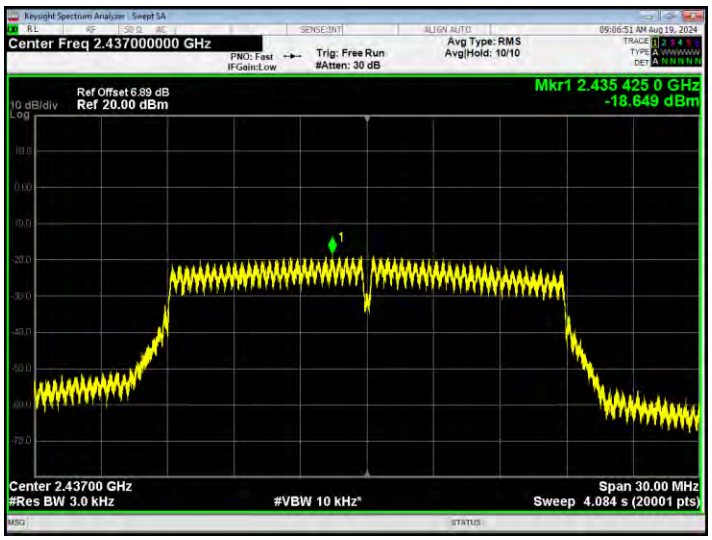
PSD NVNT g 2462MHz Ant1



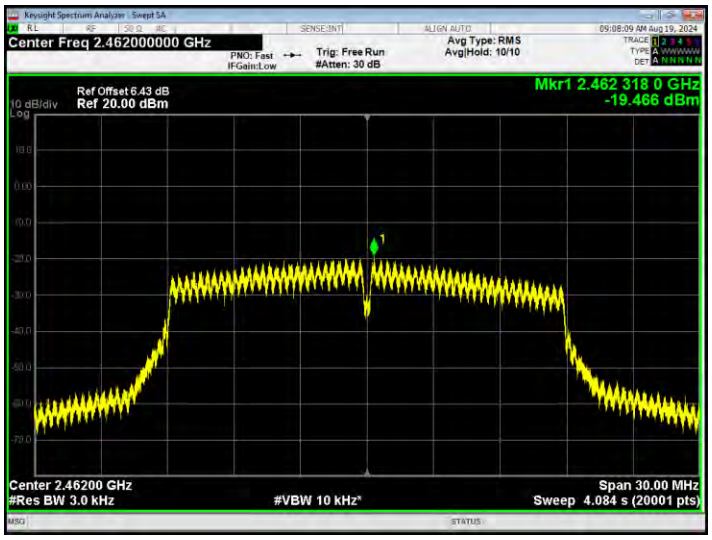
PSD NVNT n20 2412MHz Ant1



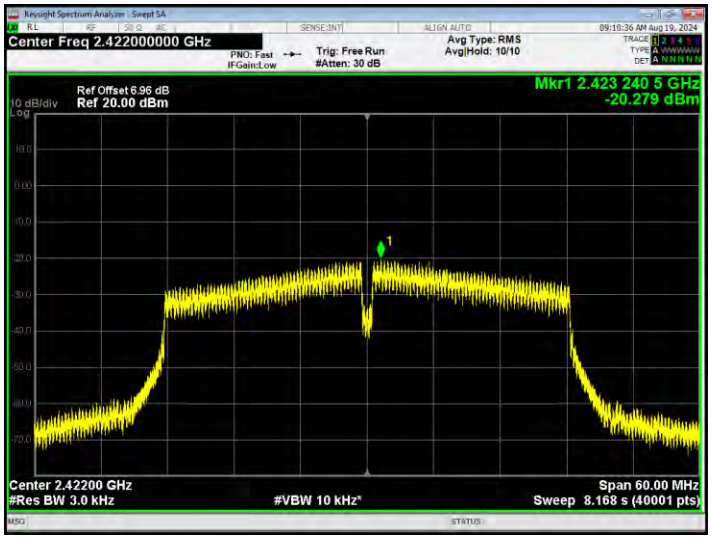
PSD NVNT n20 2437MHz Ant1



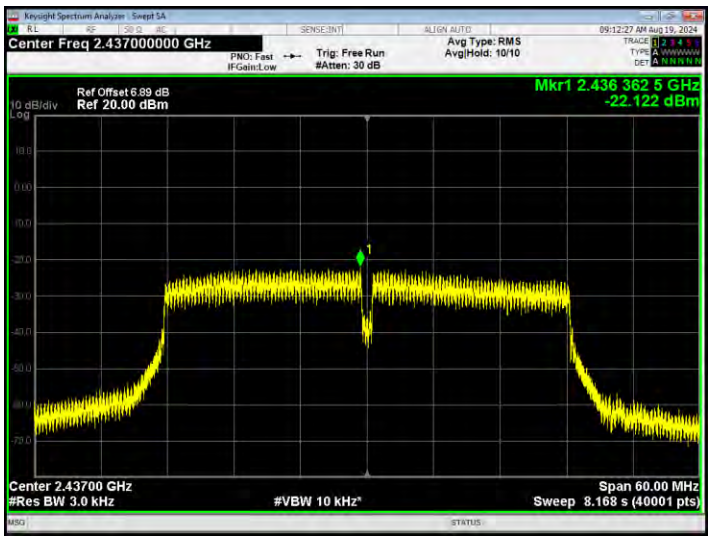
PSD NVNT n20 2462MHz Ant1



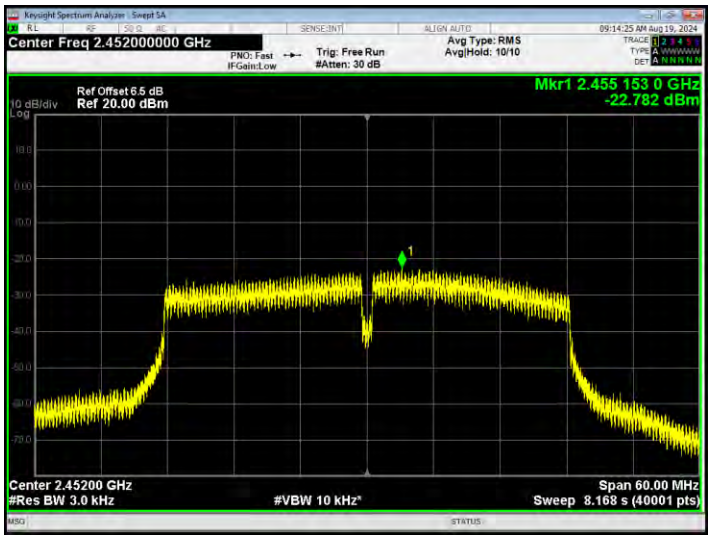
PSD NVNT n40 2422MHz Ant1



PSD NVNT n40 2437MHz Ant1



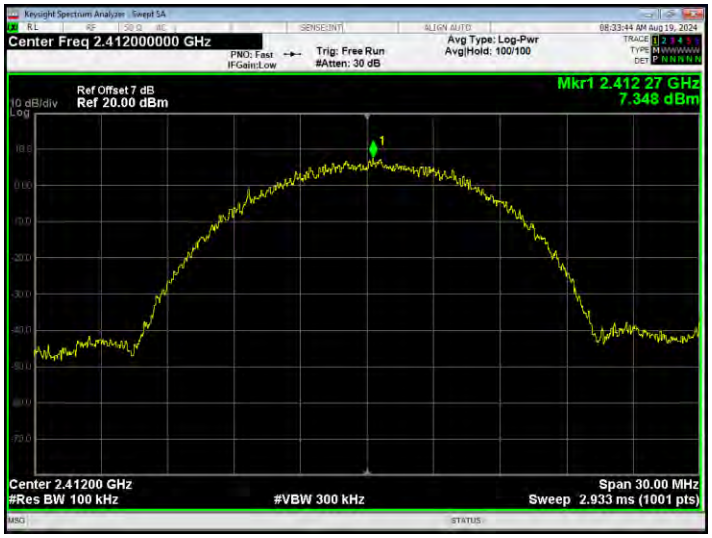
PSD NVNT n40 2452MHz Ant1



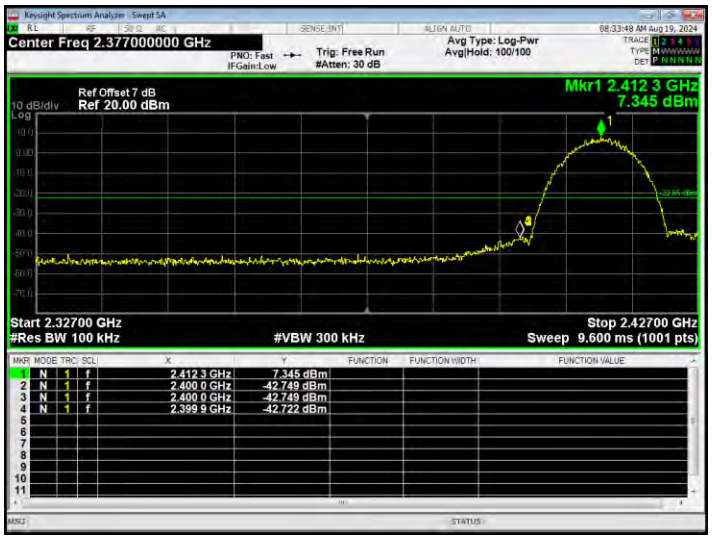
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-50.07	-30	Pass
NVNT	b	2462	Ant1	-57.98	-30	Pass
NVNT	g	2412	Ant1	-40.62	-30	Pass
NVNT	g	2462	Ant1	-51.78	-30	Pass
NVNT	n20	2412	Ant1	-34.18	-30	Pass
NVNT	n20	2462	Ant1	-51.29	-30	Pass
NVNT	n40	2422	Ant1	-35.17	-30	Pass
NVNT	n40	2452	Ant1	-40.36	-30	Pass

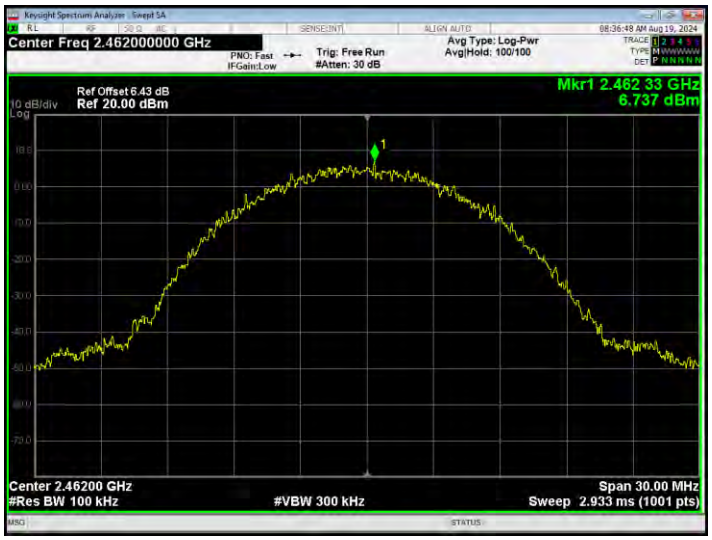
Band Edge NVNT b 2412MHz Ant1 Ref



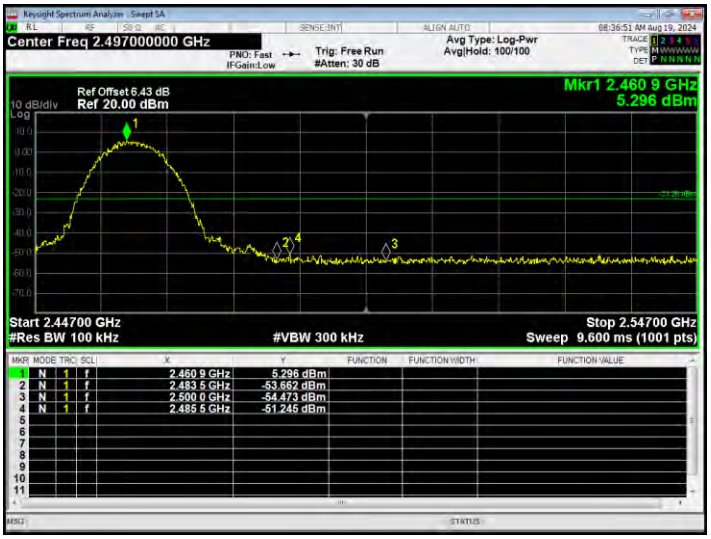
Band Edge NVNT b 2412MHz Ant1 Emission



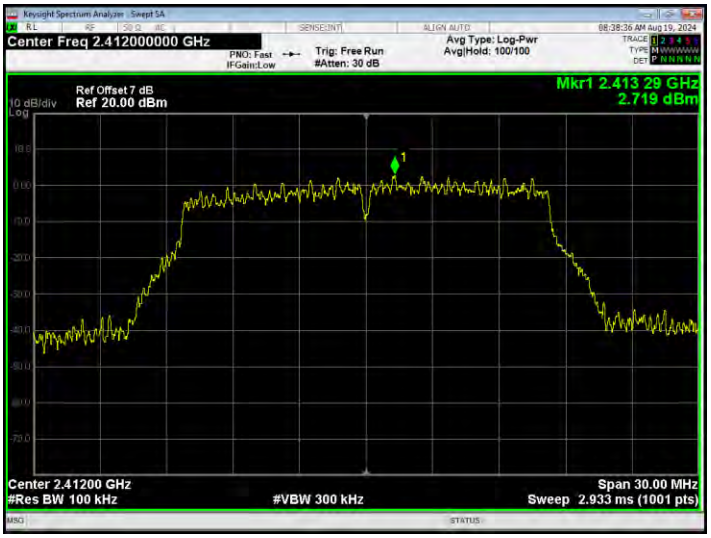
Band Edge NVNT b 2462MHz Ant1 Ref



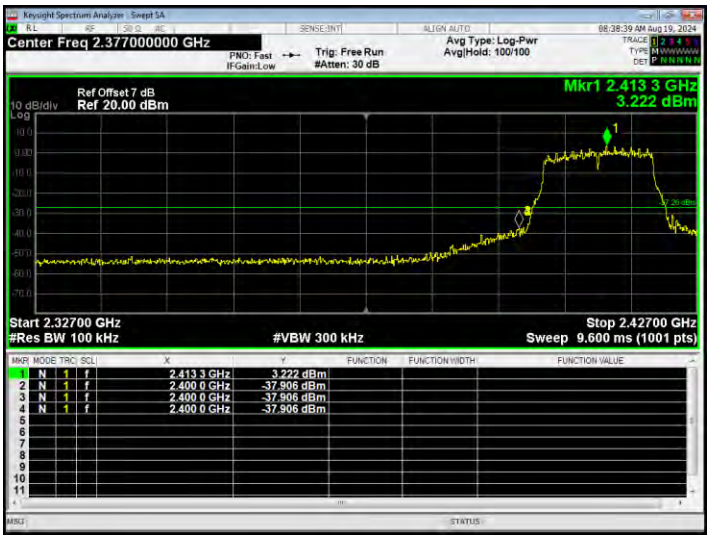
Band Edge NVNT b 2462MHz Ant1 Emission



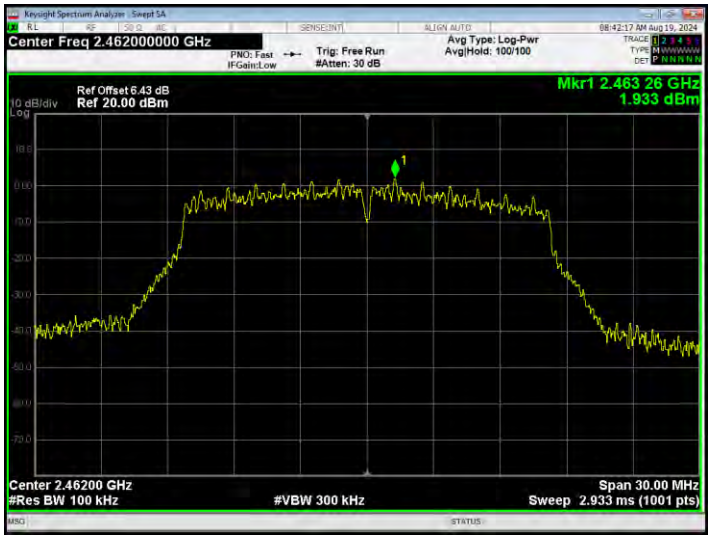
Band Edge NVNT g 2412MHz Ant1 Ref



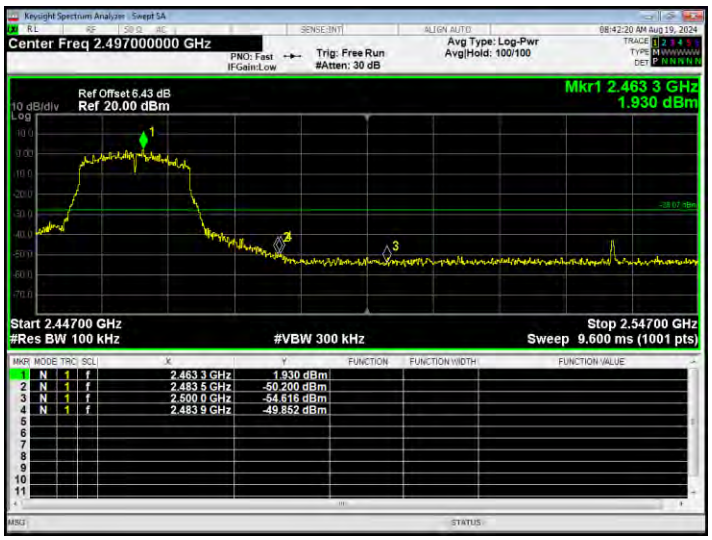
Band Edge NVNT g 2412MHz Ant1 Emission



Band Edge NVNT g 2462MHz Ant1 Ref

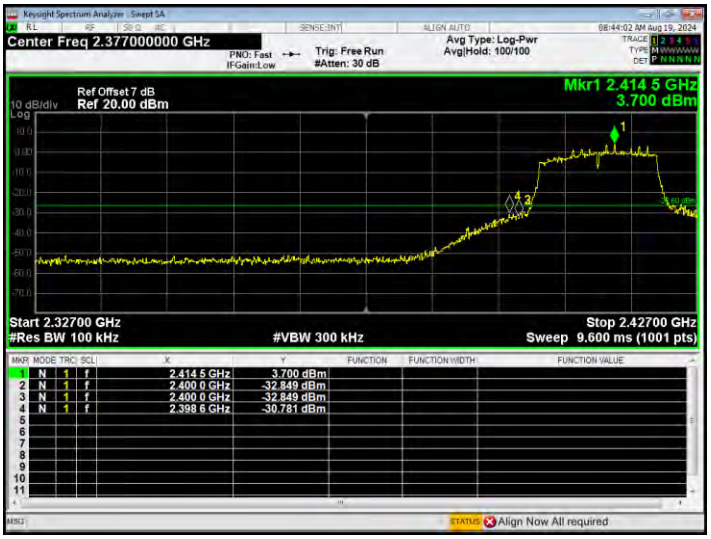


Band Edge NVNT g 2462MHz Ant1 Emission

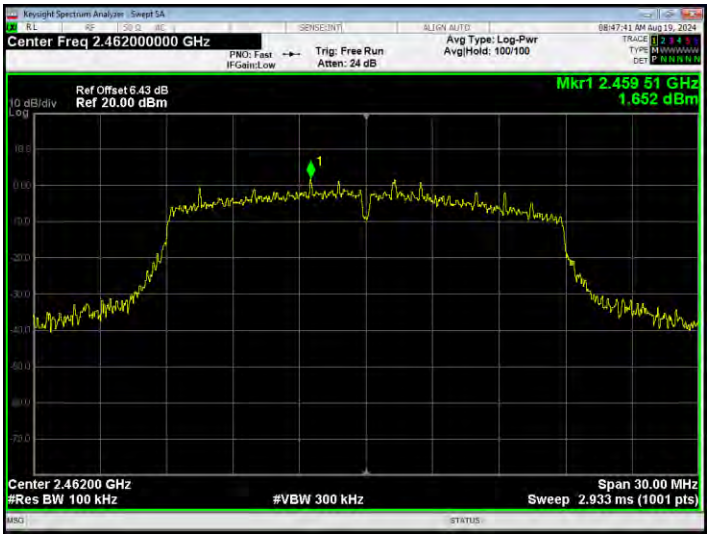


Band Edge NVNT n20 2412MHz Ant1 Ref

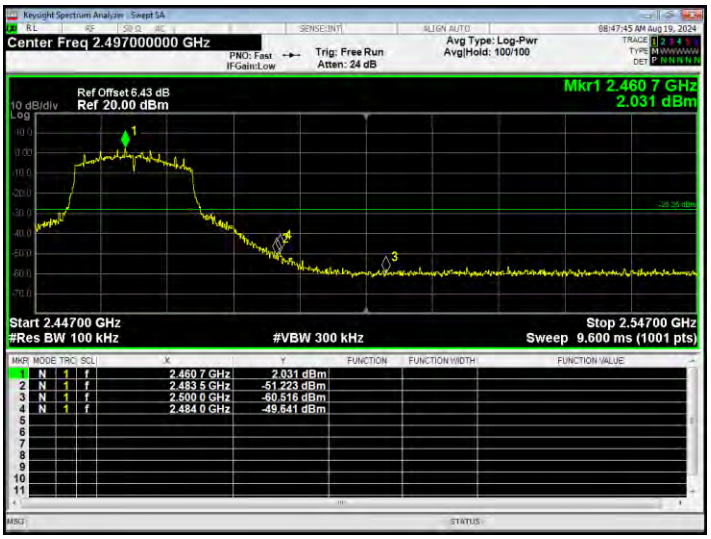
Band Edge NVNT n20 2412MHz Ant1 Emission



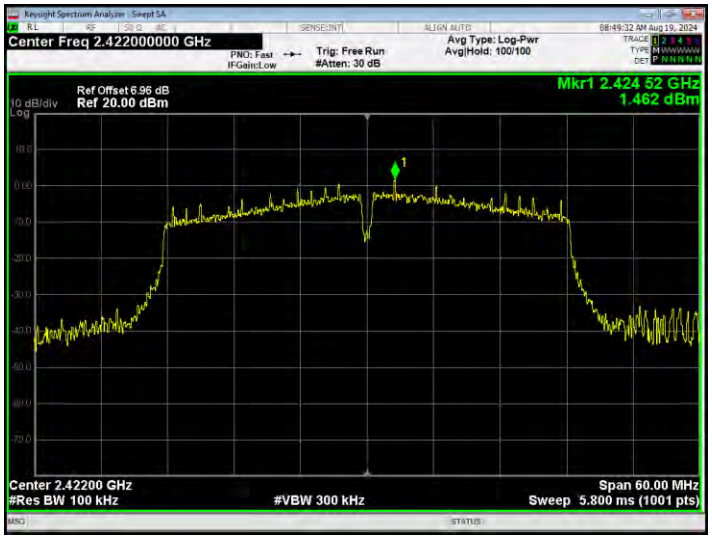
Band Edge NVNT n20 2462MHz Ant1 Ref



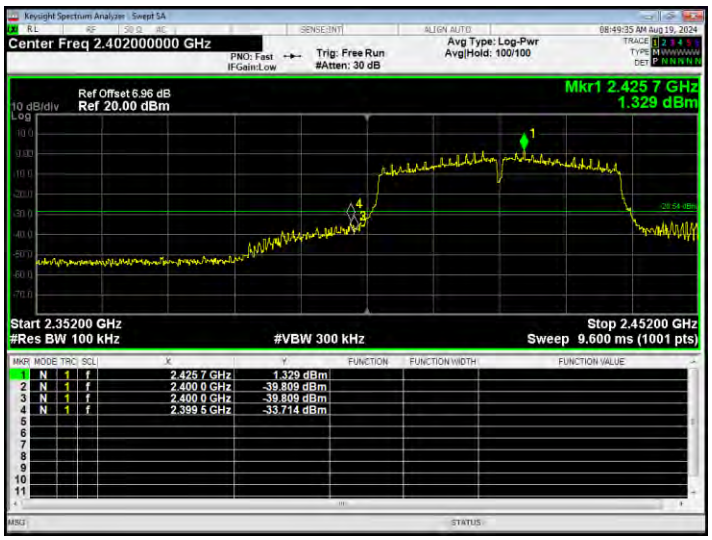
Band Edge NVNT n20 2462MHz Ant1 Emission



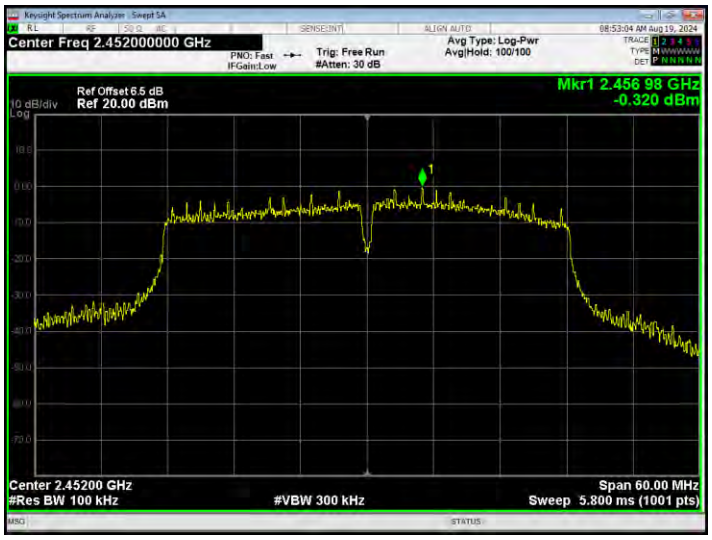
Band Edge NVNT n40 2422MHz Ant1 Ref



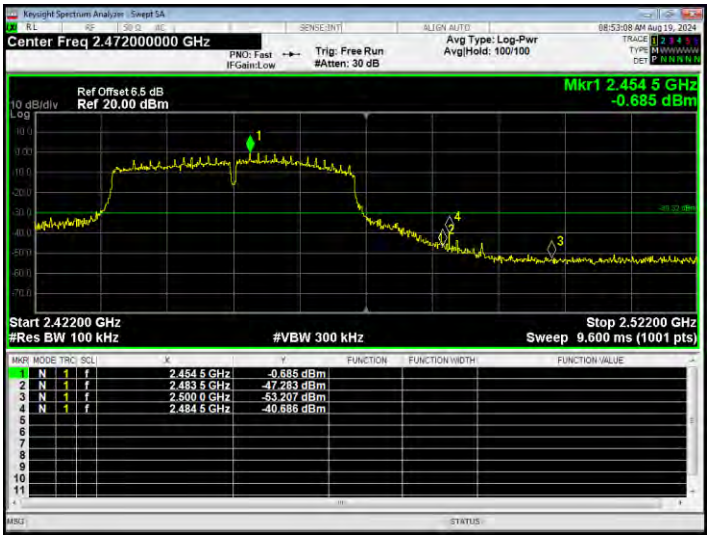
Band Edge NVNT n40 2422MHz Ant1 Emission



Band Edge NVNT n40 2452MHz Ant1 Ref



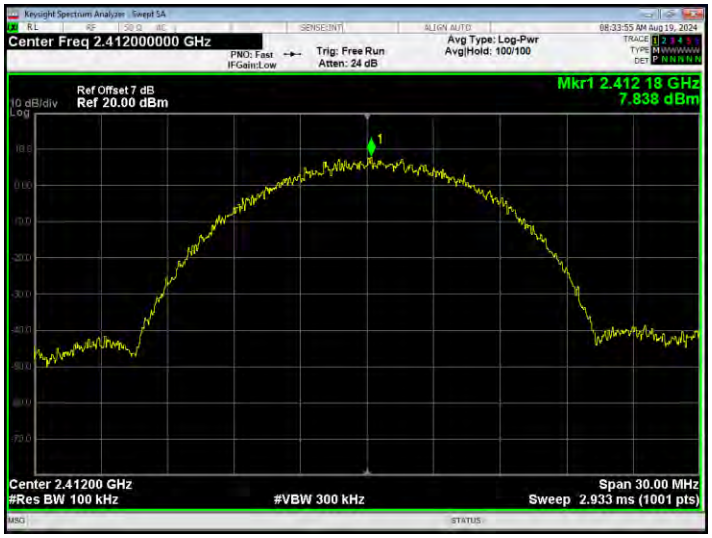
Band Edge NVNT n40 2452MHz Ant1 Emission


Keysight Spectrum Analyzer - Swept SA
Center Freq 2.472000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
08:53:08 AM Aug 19, 2024
Ref Offset 6.5 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 2.454 5 GHz
-0.685 dBm
Start 2.42200 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.52200 GHz
Sweep 9.600 ms (1001 pts)
1 N 1 f 2.454 5 GHz -0.685 dBm
2 N 1 f 2.483 5 GHz -47.283 dBm
3 N 1 f 2.500 0 GHz -53.207 dBm
4 N 1 f 2.484 5 GHz -40.686 dBm

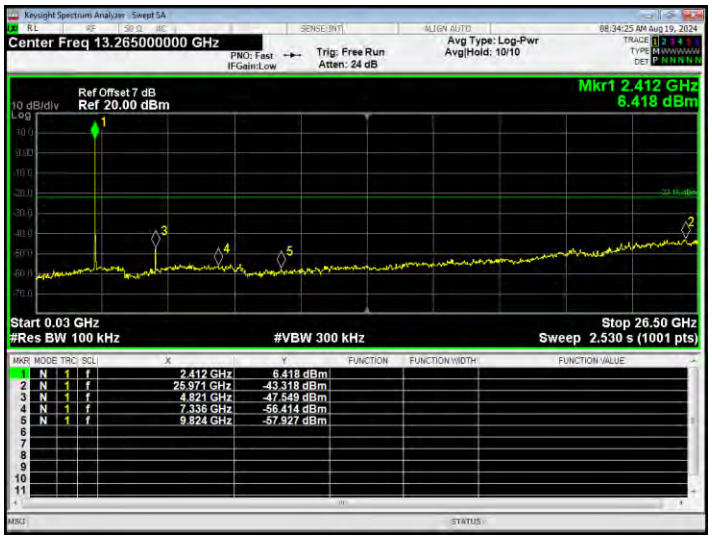
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-51.15	-30	Pass
NVNT	b	2437	Ant1	-51.73	-30	Pass
NVNT	b	2462	Ant1	-49.02	-30	Pass
NVNT	g	2412	Ant1	-45.77	-30	Pass
NVNT	g	2437	Ant1	-45.75	-30	Pass
NVNT	g	2462	Ant1	-42.02	-30	Pass
NVNT	n20	2412	Ant1	-44.81	-30	Pass
NVNT	n20	2437	Ant1	-46.76	-30	Pass
NVNT	n20	2462	Ant1	-44.57	-30	Pass
NVNT	n40	2422	Ant1	-43.95	-30	Pass
NVNT	n40	2437	Ant1	-42.37	-30	Pass
NVNT	n40	2452	Ant1	-42.14	-30	Pass

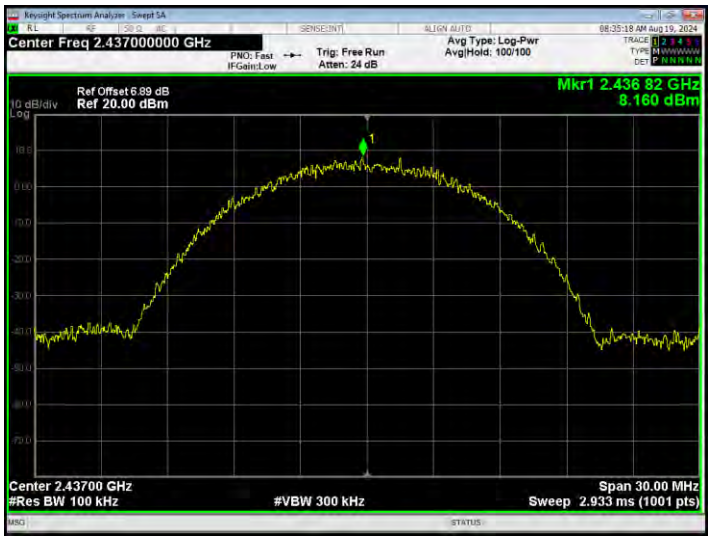
Tx. Spurious NVNT b 2412MHz Ant1 Ref



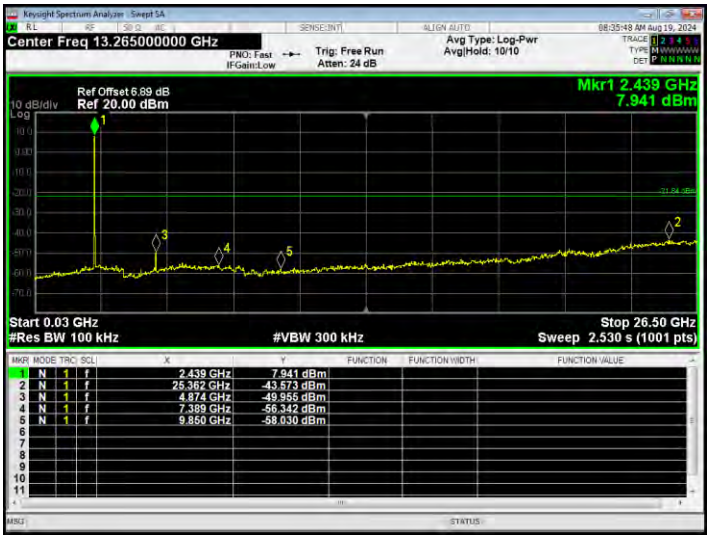
Tx. Spurious NVNT b 2412MHz Ant1 Emission



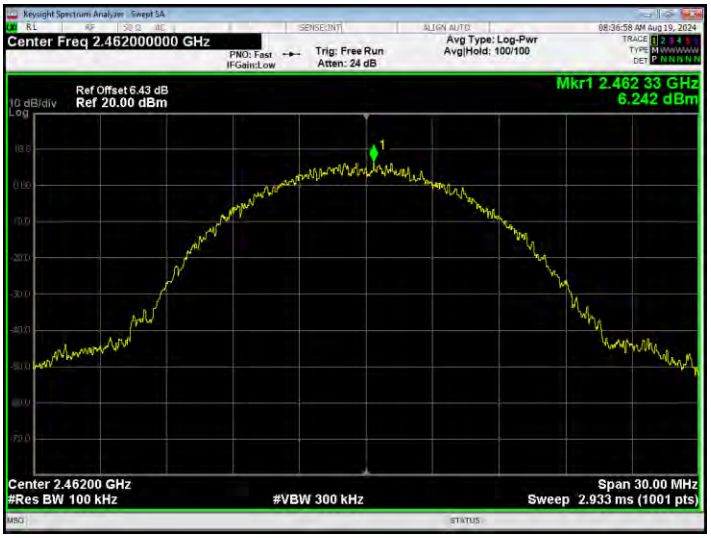
Tx. Spurious NVNT b 2437MHz Ant1 Ref



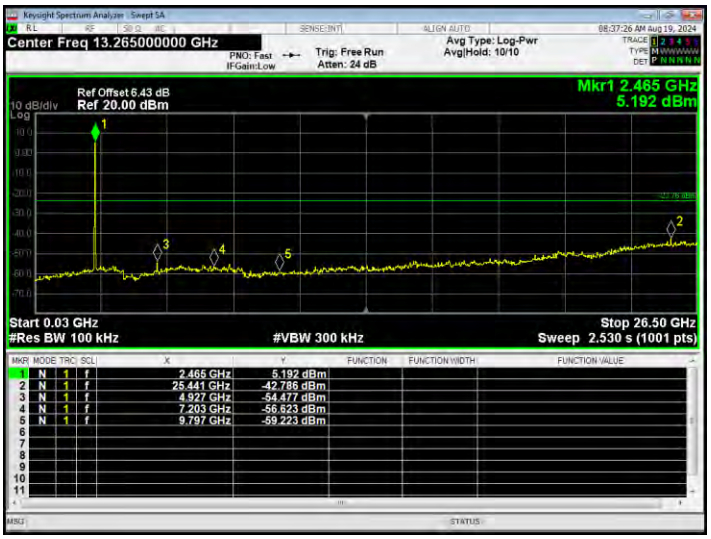
Tx. Spurious NVNT b 2437MHz Ant1 Emission



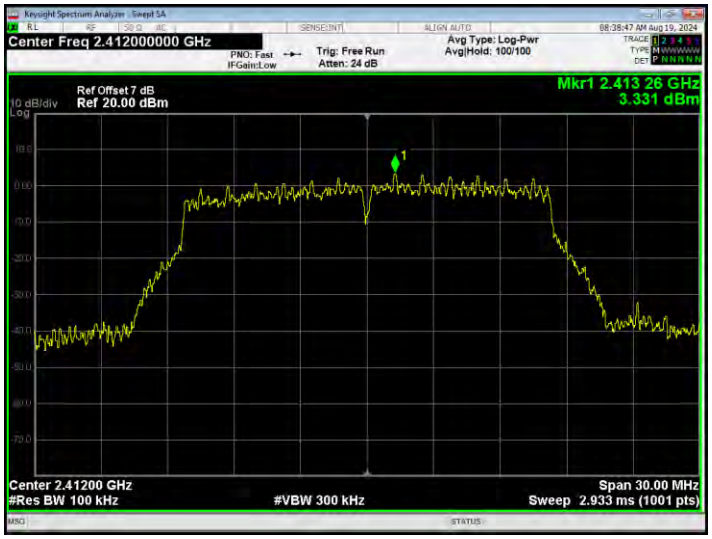
Tx. Spurious NVNT b 2462MHz Ant1 Ref



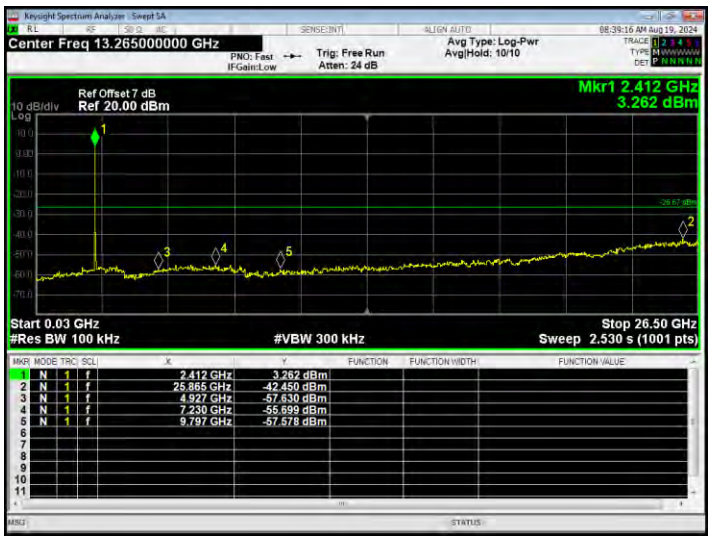
Tx. Spurious NVNT b 2462MHz Ant1 Emission



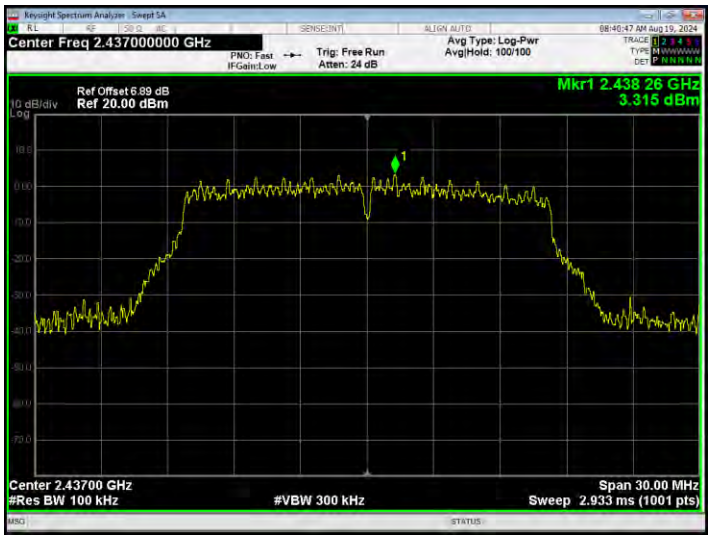
Tx. Spurious NVNT g 2412MHz Ant1 Ref



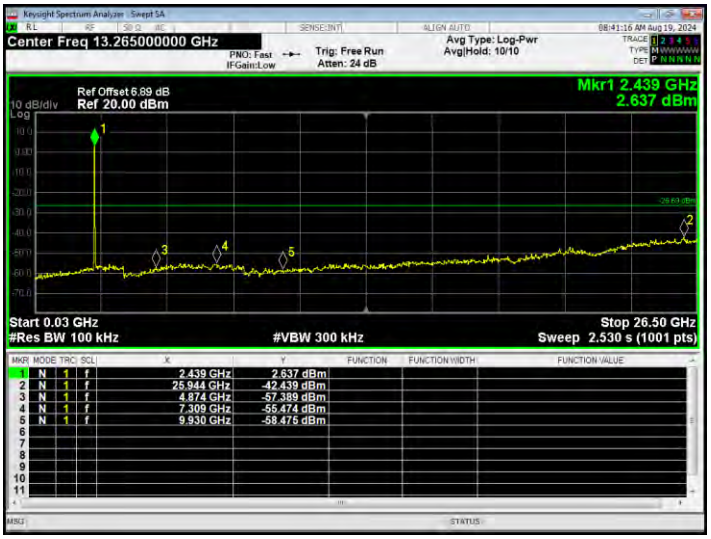
Tx. Spurious NVNT g 2412MHz Ant1 Emission



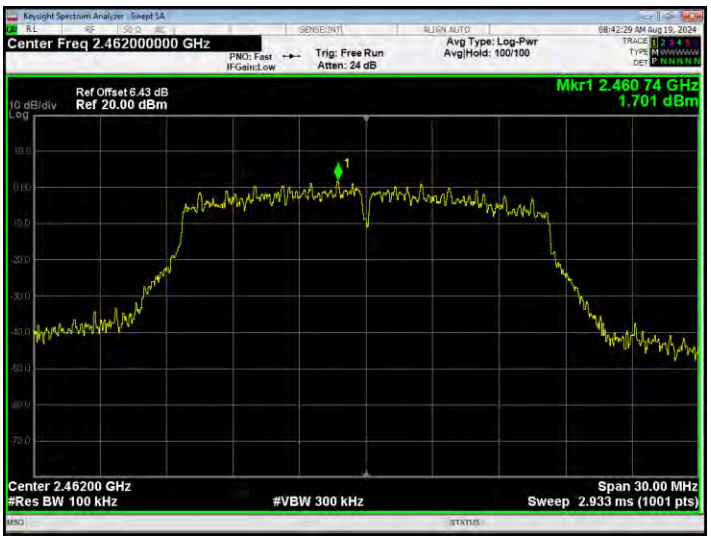
Tx. Spurious NVNT g 2437MHz Ant1 Ref



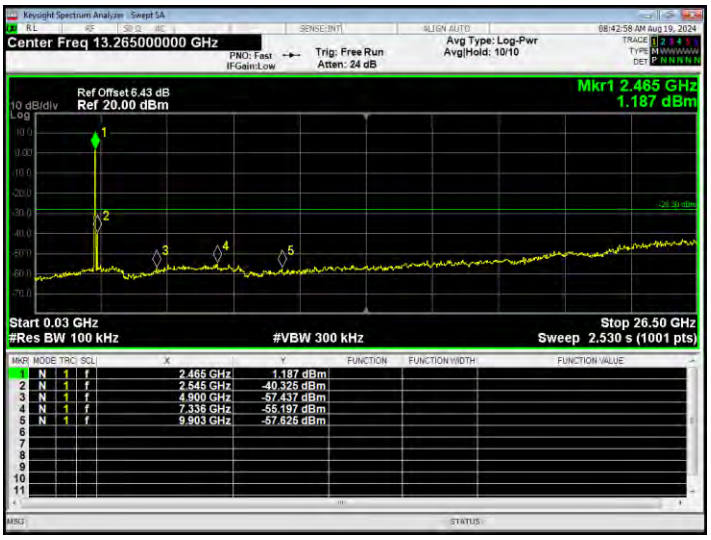
Tx. Spurious NVNT g 2437MHz Ant1 Emission



Tx. Spurious NVNT g 2462MHz Ant1 Ref

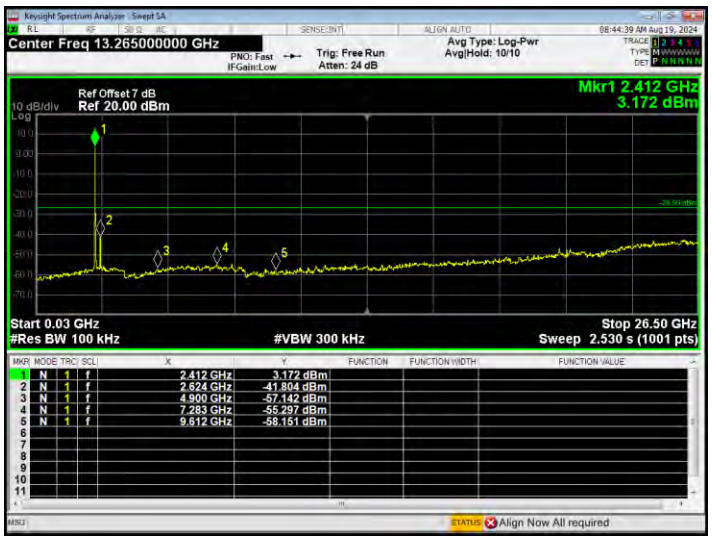


Tx. Spurious NVNT g 2462MHz Ant1 Emission

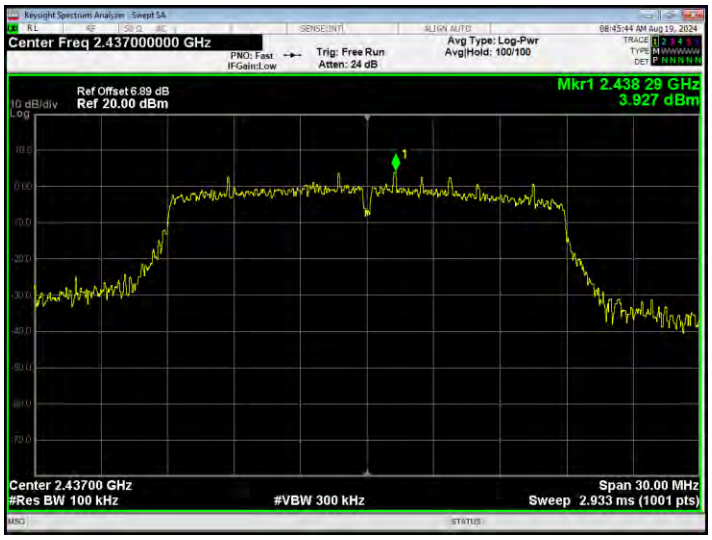


Tx. Spurious NVNT n20 2412MHz Ant1 Ref

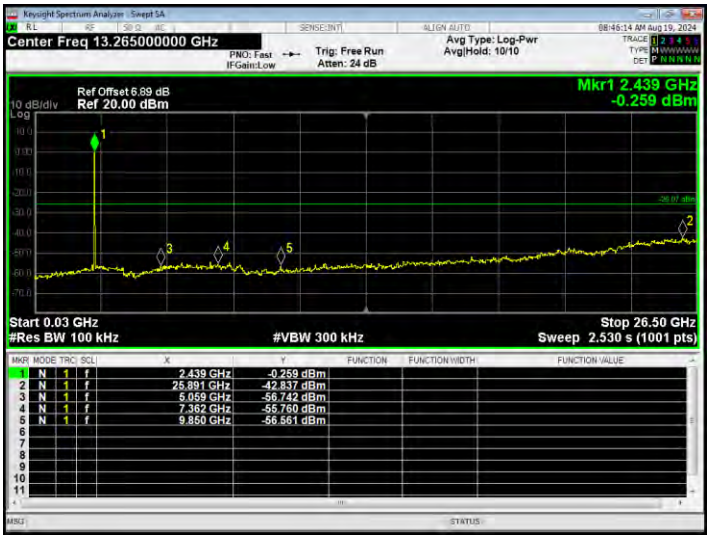
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



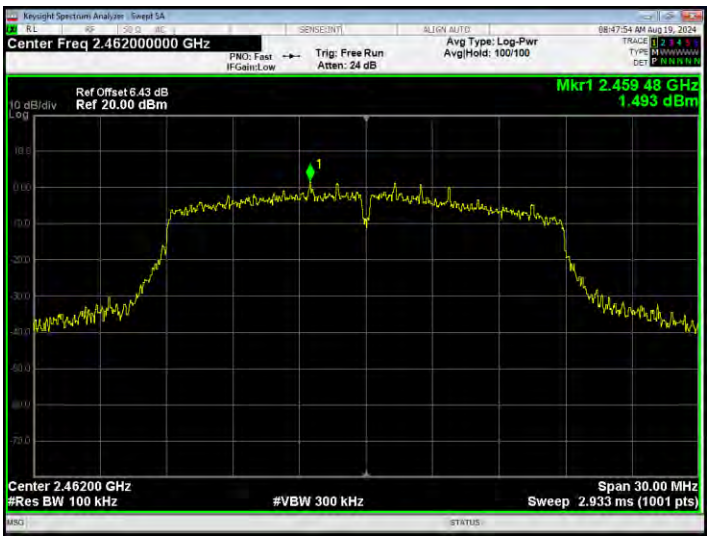
Tx. Spurious NVNT n20 2437MHz Ant1 Ref



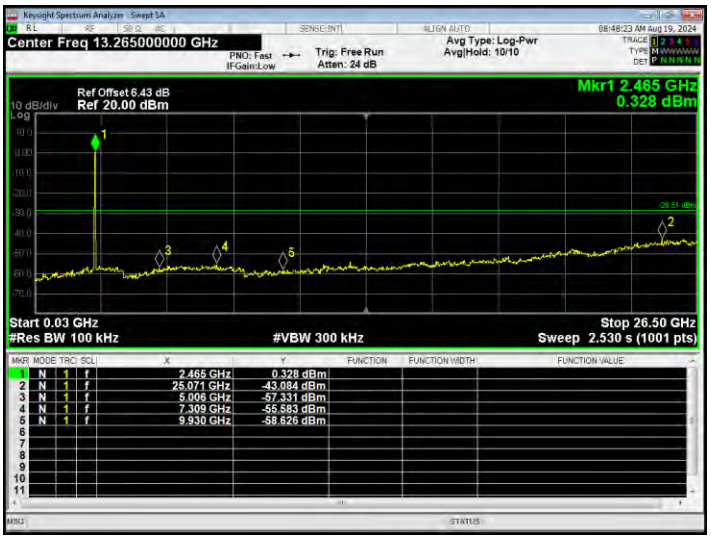
Tx. Spurious NVNT n20 2437MHz Ant1 Emission



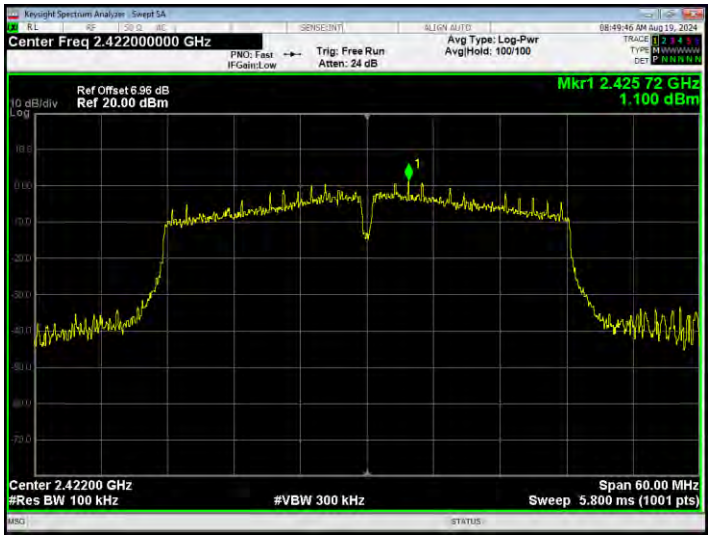
Tx. Spurious NVNT n20 2462MHz Ant1 Ref



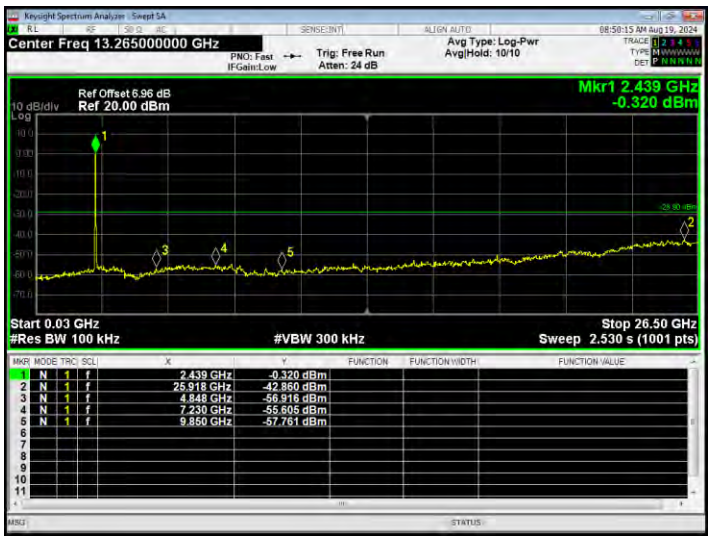
Tx. Spurious NVNT n20 2462MHz Ant1 Emission



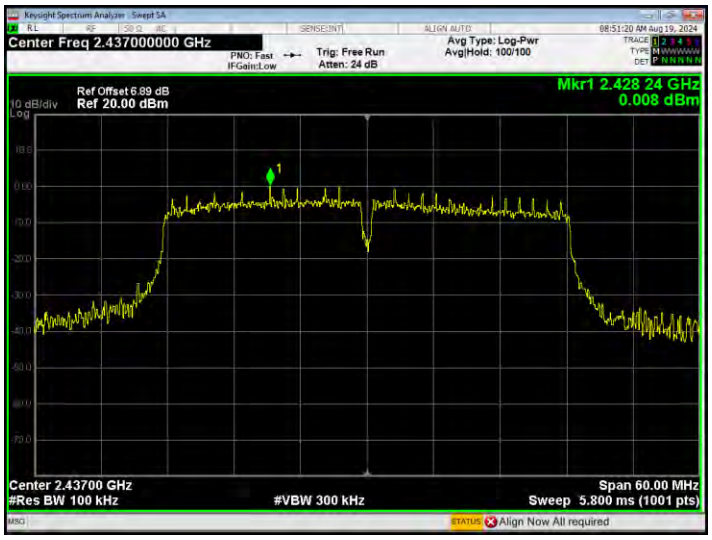
Tx. Spurious NVNT n40 2422MHz Ant1 Ref



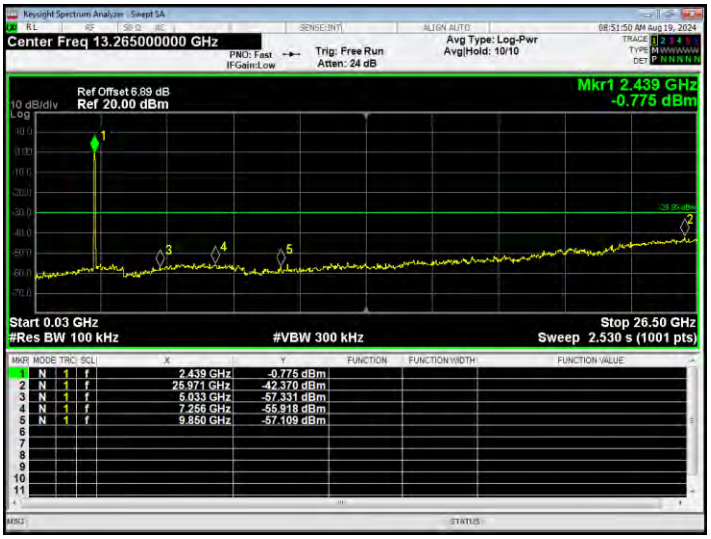
Tx. Spurious NVNT n40 2422MHz Ant1 Emission



Tx. Spurious NVNT n40 2437MHz Ant1 Ref



Tx. Spurious NVNT n40 2437MHz Ant1 Emission



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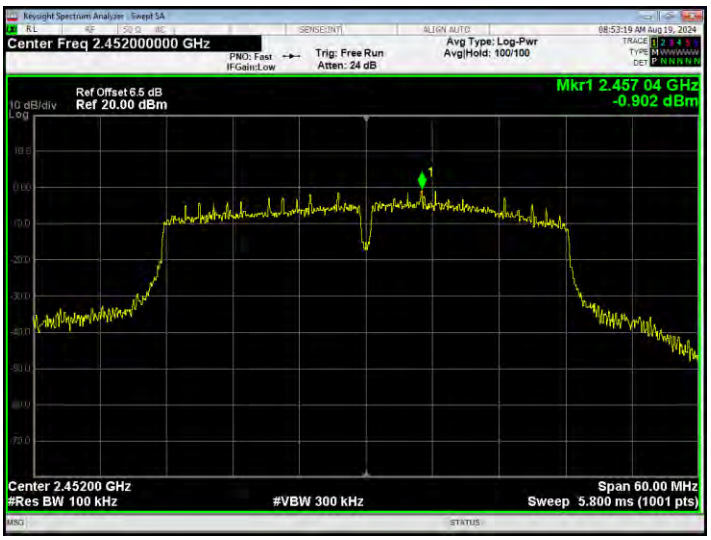

Tx. Spurious NVNT n40 2452MHz Ant1 Emission