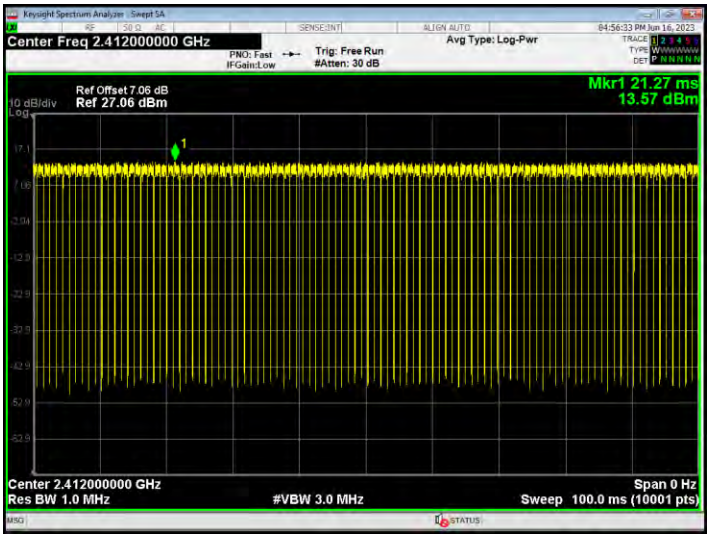
ANNEX
FCC Part 15C Test Report
FCC ID: 2BBSA-WF105T

Applicant:	BMY ELECTRONIC CO LTD.
Address:	4th Floor, Building 2, FuAn Third Industrial Park, FuYong, BaoAn, ShenZhen
Manufacturer:	BMY ELECTRONIC CO LTD.
Address:	4th Floor, Building 2, FuAn Third Industrial Park, FuYong, BaoAn, ShenZhen
EUT:	Digital photo frame
Trade Mark:	N/A
Model Number:	WF105T, WF705T, WF705TW, WF805T, WF805TW, WF106T, WF108T, WF109T, WF11T, WF12T, DPF101T, WF1562T
Date of Receipt:	Jun. 10, 2023
Test Date:	Jun. 10, 2023 – Jun. 17, 2023
Date of Report:	Jun. 17, 2023
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

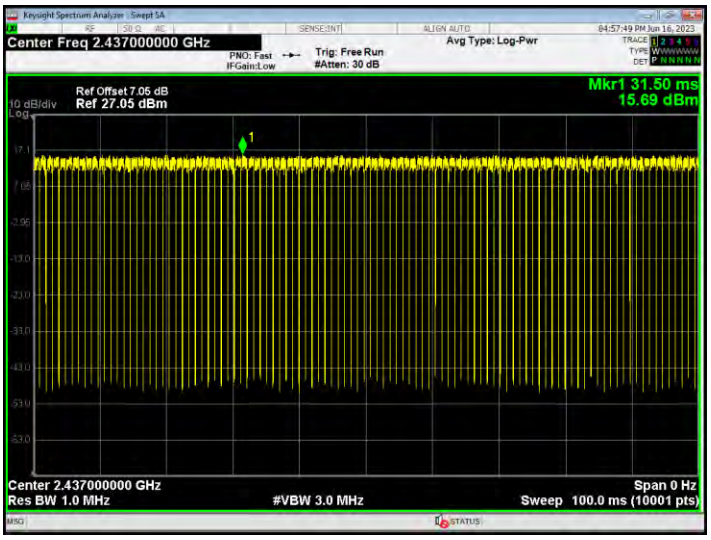
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	b	2412	Ant1	97.27	0.12
NVNT	b	2437	Ant1	97.3	0.12
NVNT	b	2462	Ant1	97.27	0.12
NVNT	g	2412	Ant1	84.93	0.71
NVNT	g	2437	Ant1	85.21	0.7
NVNT	g	2462	Ant1	85.19	0.7
NVNT	n20	2412	Ant1	97.52	0.11
NVNT	n20	2437	Ant1	97.59	0.11
NVNT	n20	2462	Ant1	97.53	0.11
NVNT	n40	2422	Ant1	95.32	0.21
NVNT	n40	2437	Ant1	95.37	0.21
NVNT	n40	2452	Ant1	95.29	0.21

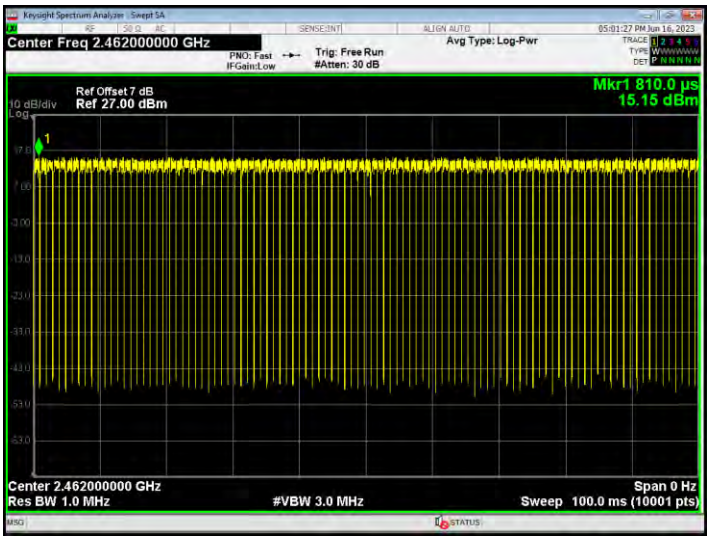
Duty Cycle NVNT b 2412MHz Ant1



Duty Cycle NVNT b 2437MHz Ant1

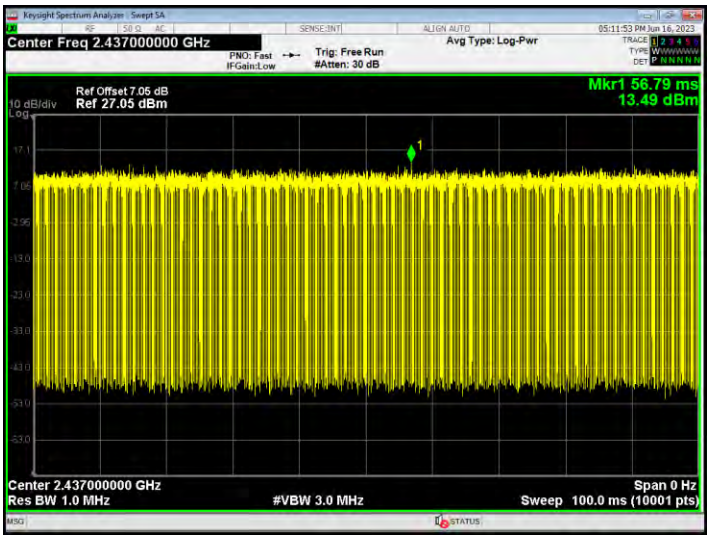


Duty Cycle NVNT b 2462MHz Ant1

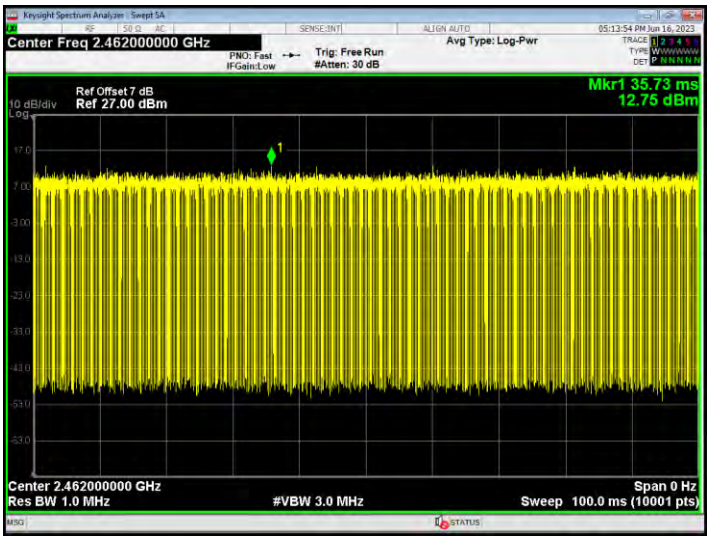


Duty Cycle NVNT g 2412MHz Ant1

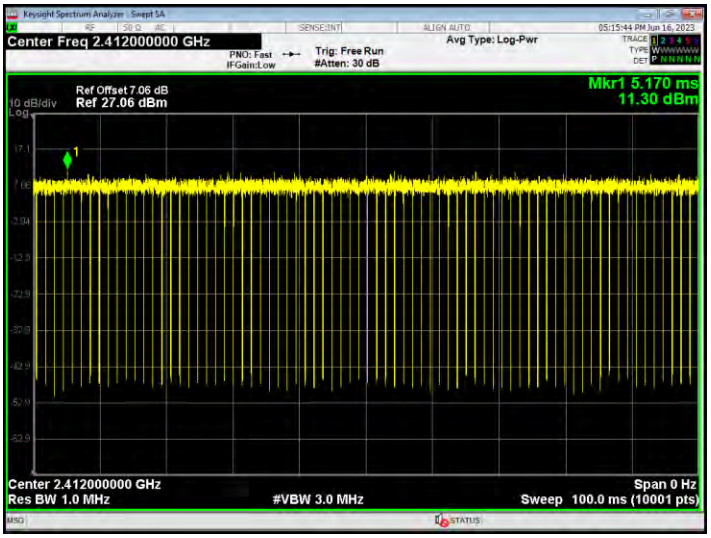
Duty Cycle NVNT g 2437MHz Ant1



Duty Cycle NVNT g 2462MHz Ant1

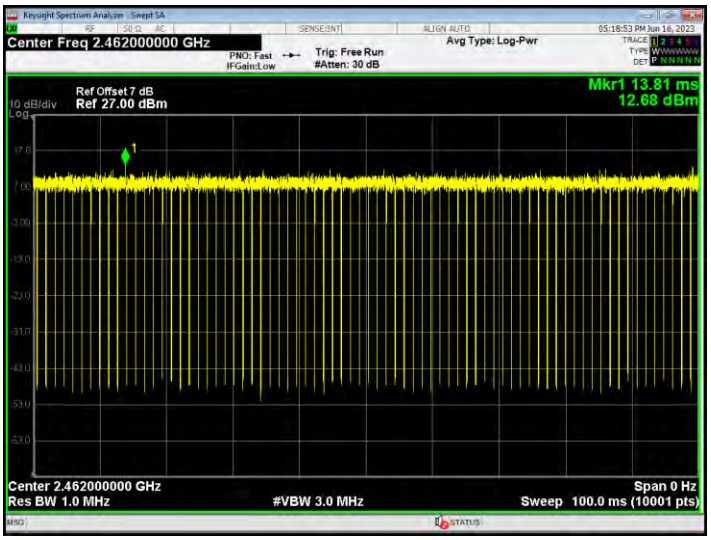


Duty Cycle NVNT n20 2412MHz Ant1

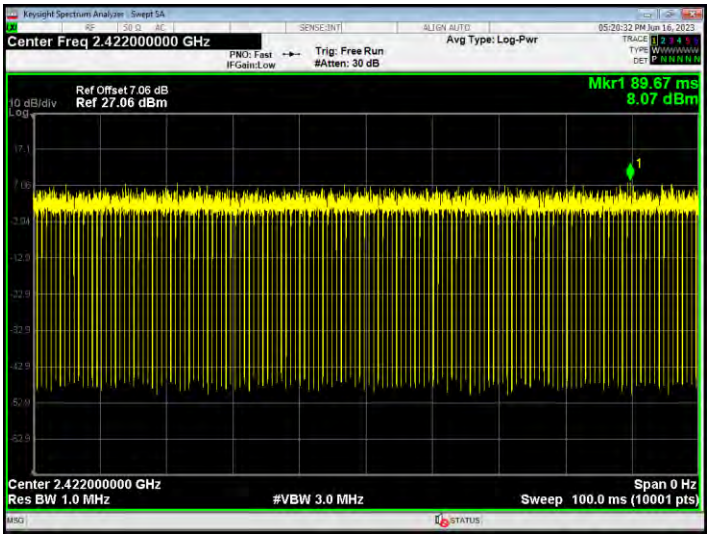


Duty Cycle NVNT n20 2437MHz Ant1

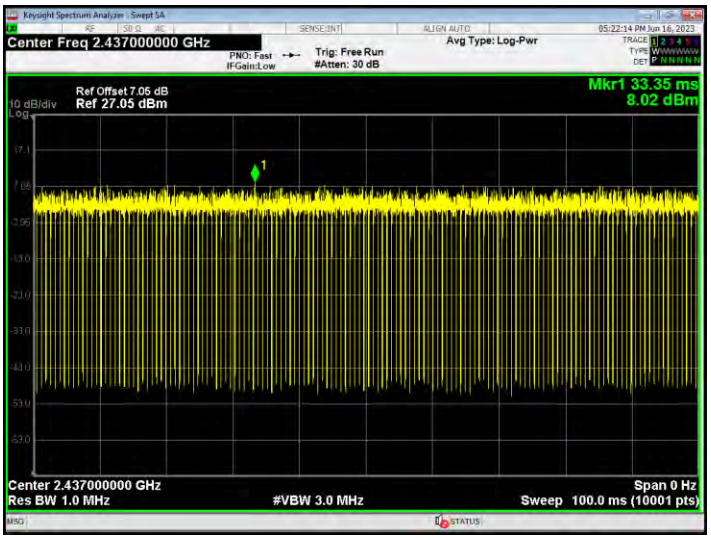
Duty Cycle NVNT n20 2462MHz Ant1



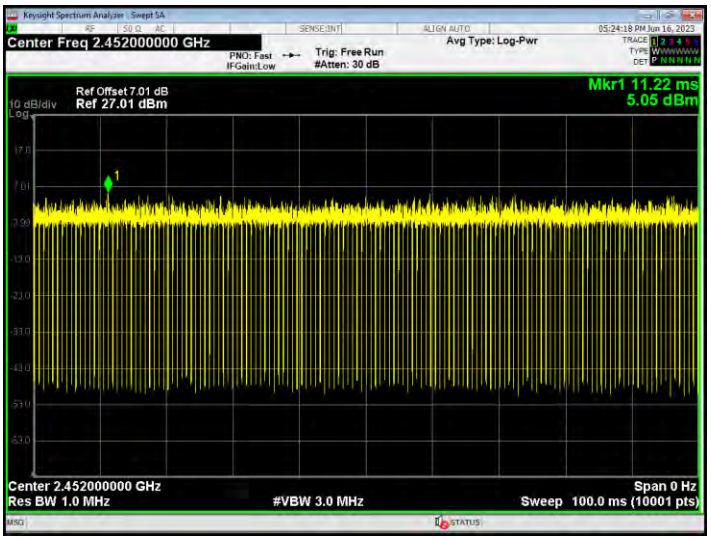
Duty Cycle NVNT n40 2422MHz Ant1



Duty Cycle NVNT n40 2437MHz Ant1



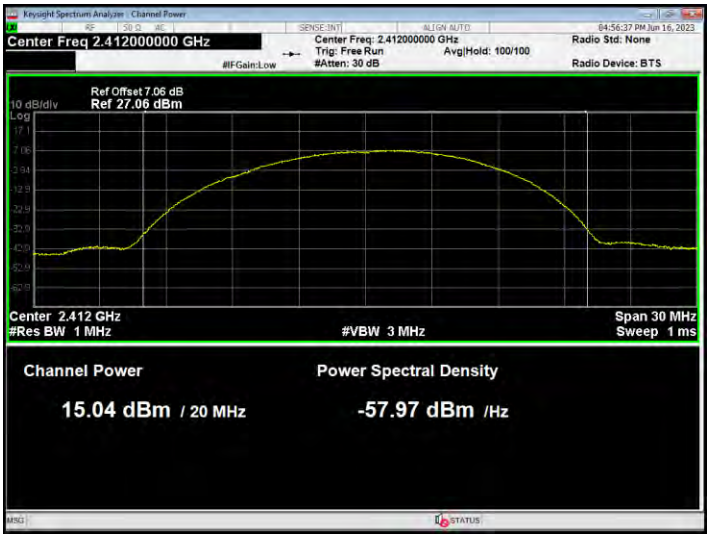
Duty Cycle NVNT n40 2452MHz Ant1



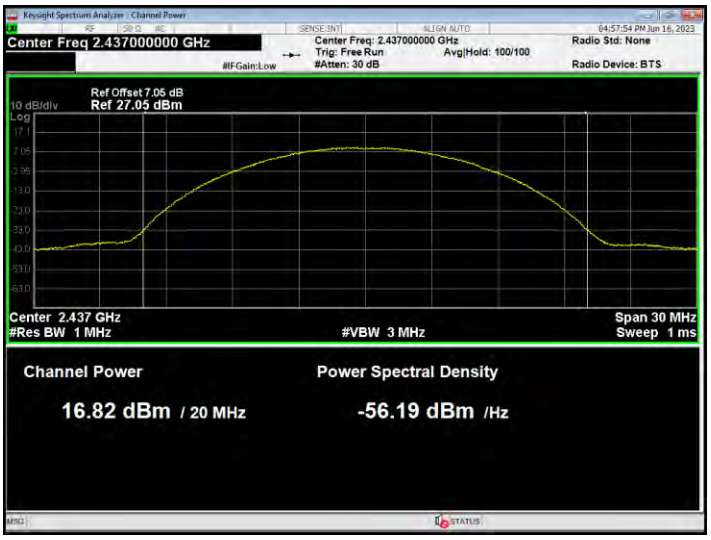
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	15.038	0.12	15.158	30	Pass
NVNT	b	2437	Ant1	16.822	0.12	16.942	30	Pass
NVNT	b	2462	Ant1	16.079	0.12	16.199	30	Pass
NVNT	g	2412	Ant1	13.29	0.71	14.00	30	Pass
NVNT	g	2437	Ant1	13.514	0.7	14.214	30	Pass
NVNT	g	2462	Ant1	12.681	0.7	13.381	30	Pass
NVNT	n20	2412	Ant1	14.28	0.11	14.39	30	Pass
NVNT	n20	2437	Ant1	14.541	0.11	14.651	30	Pass
NVNT	n20	2462	Ant1	13.651	0.11	13.761	30	Pass
NVNT	n40	2422	Ant1	13.895	0.21	14.105	30	Pass
NVNT	n40	2437	Ant1	13.989	0.21	14.199	30	Pass
NVNT	n40	2452	Ant1	13.221	0.21	13.431	30	Pass

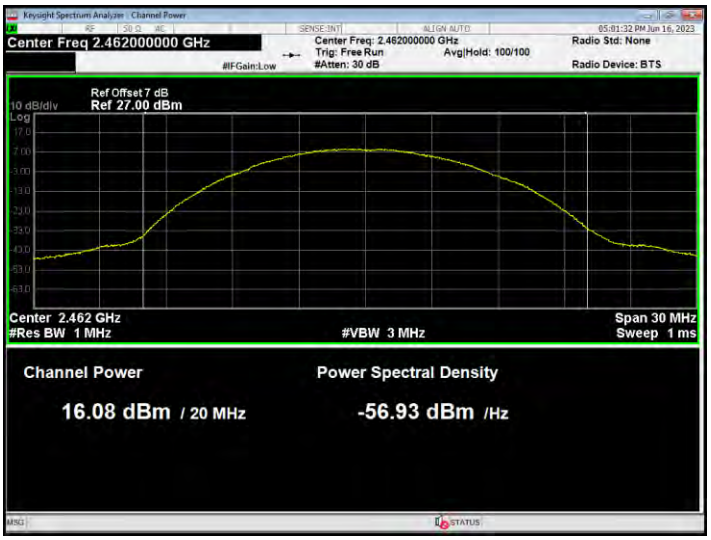
Power NVNT b 2412MHz Ant1



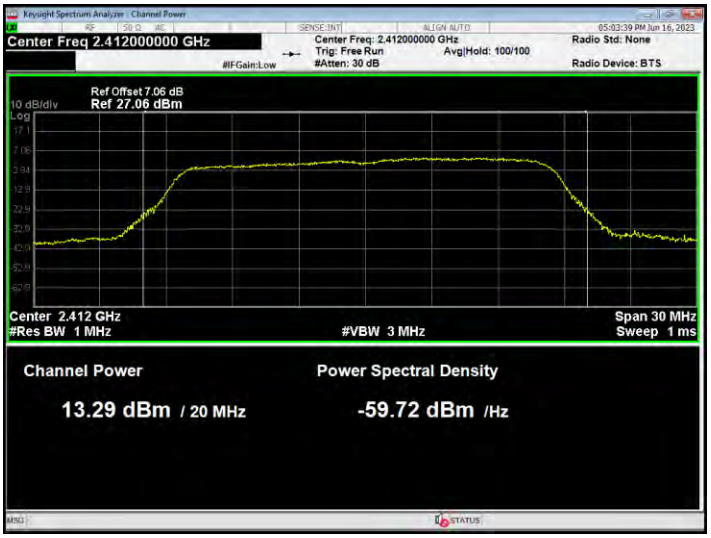
Power NVNT b 2437MHz Ant1



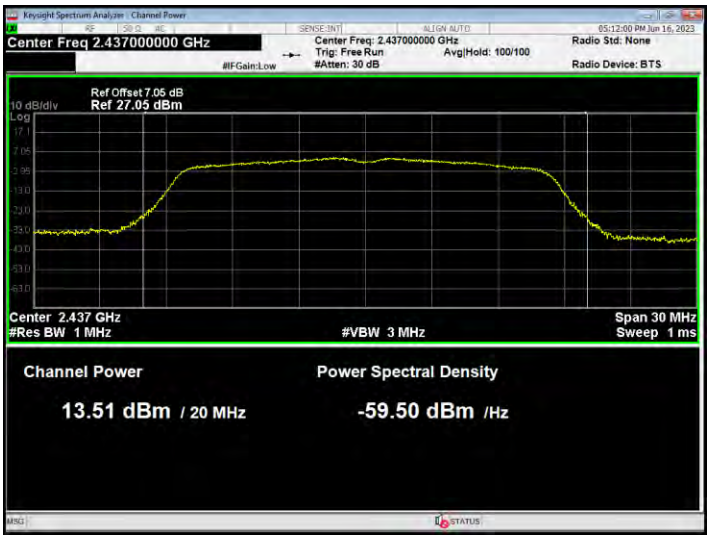
Power NVNT b 2462MHz Ant1



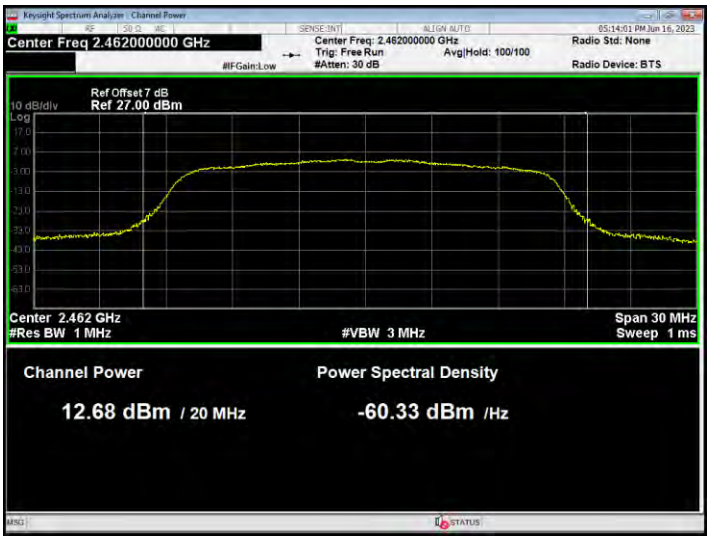
Power NVNT g 2412MHz Ant1



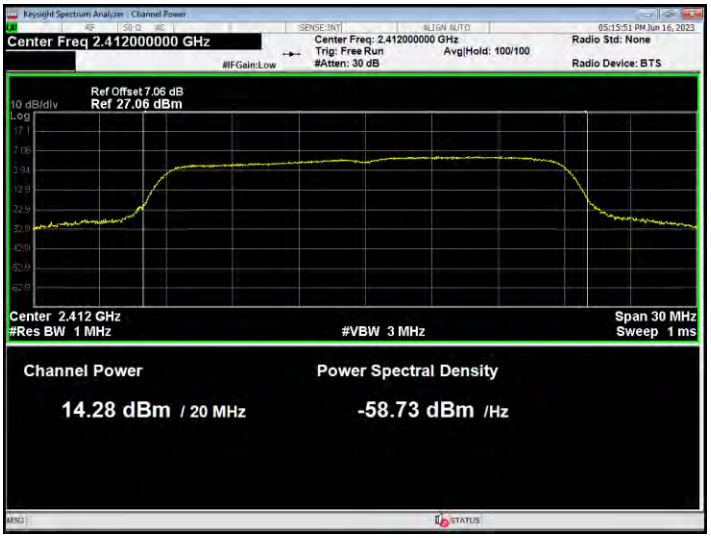
Power NVNT g 2437MHz Ant1



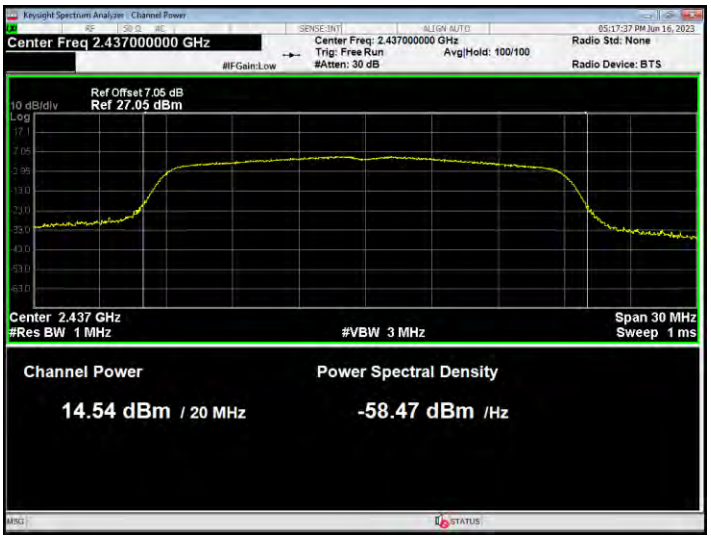
Power NVNT g 2462MHz Ant1



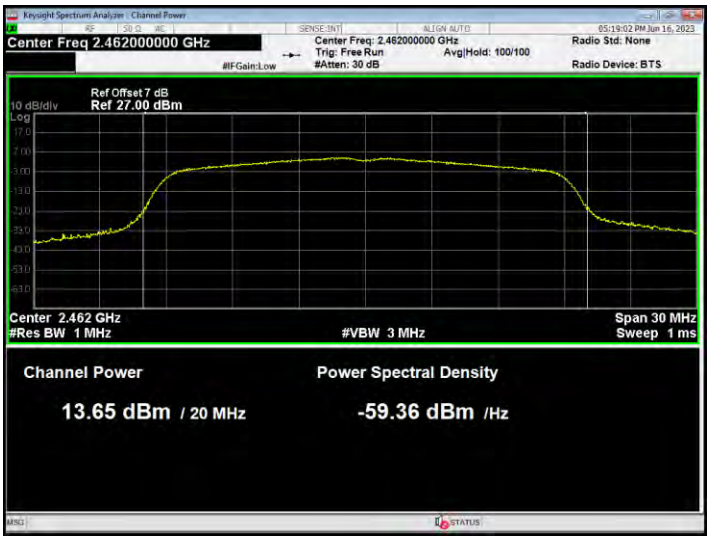
Power NVNT n20 2412MHz Ant1



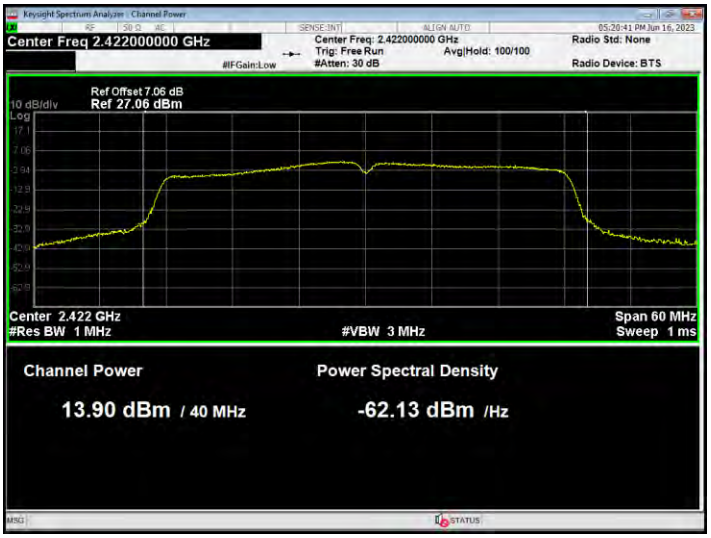
Power NVNT n20 2437MHz Ant1



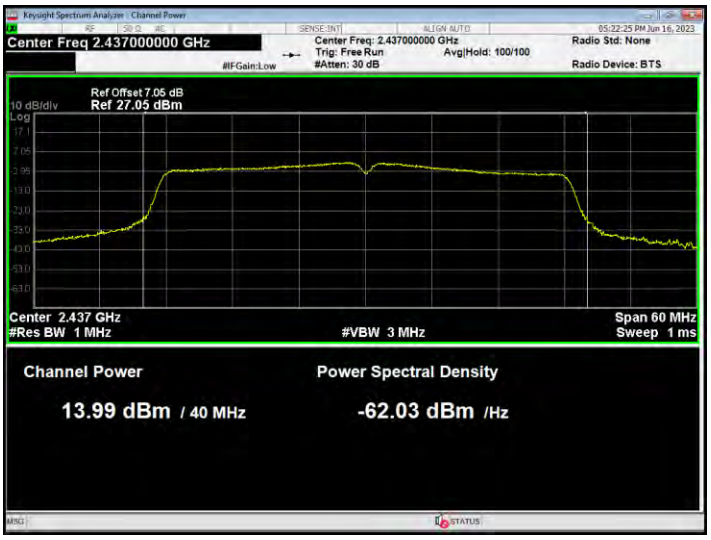
Power NVNT n20 2462MHz Ant1



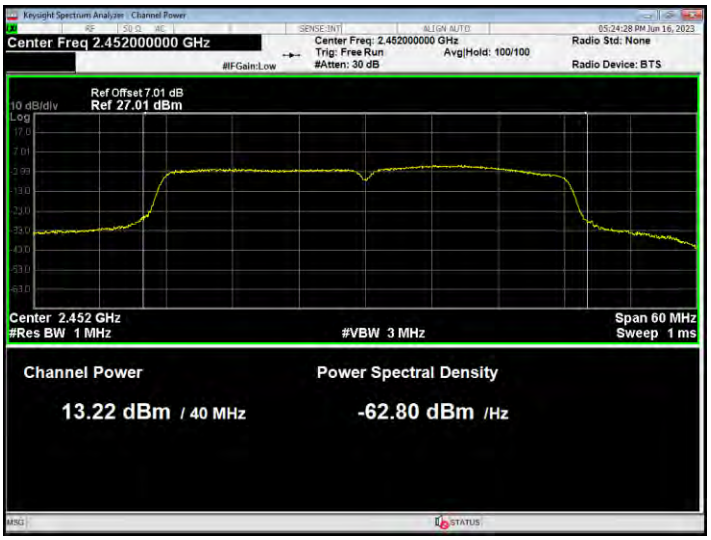
Power NVNT n40 2422MHz Ant1



Power NVNT n40 2437MHz Ant1



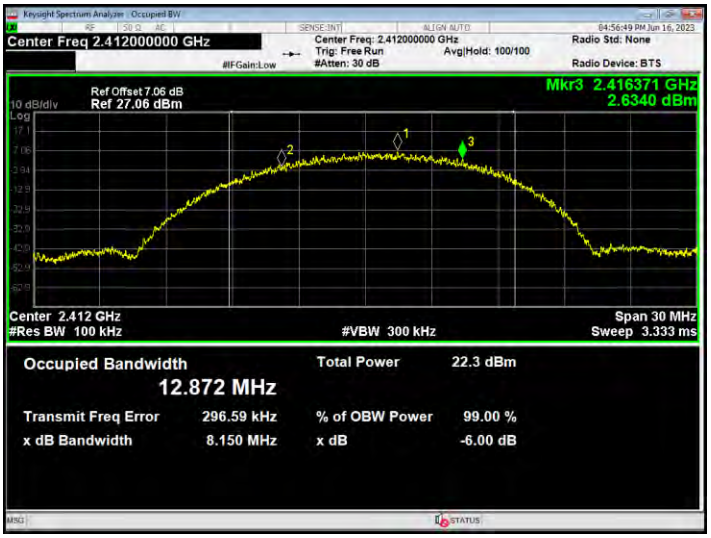
Power NVNT n40 2452MHz Ant1



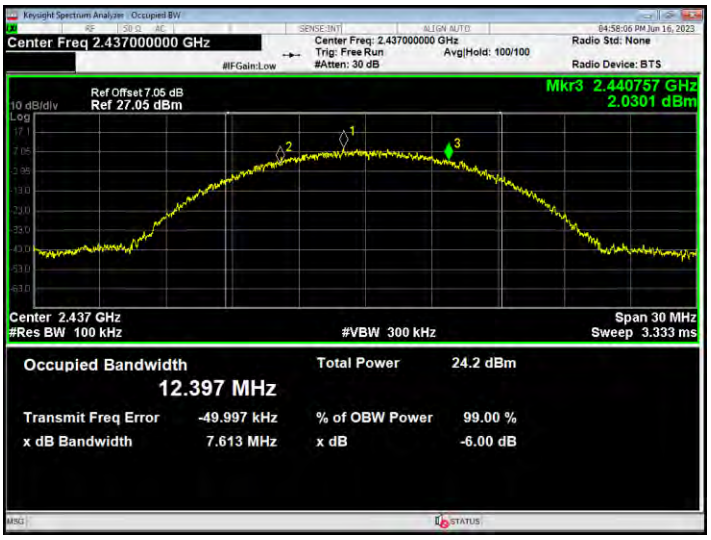
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	8.15	0.5	Pass
NVNT	b	2437	Ant1	7.613	0.5	Pass
NVNT	b	2462	Ant1	6.08	0.5	Pass
NVNT	g	2412	Ant1	15.76	0.5	Pass
NVNT	g	2437	Ant1	15.066	0.5	Pass
NVNT	g	2462	Ant1	15.046	0.5	Pass
NVNT	n20	2412	Ant1	15.075	0.5	Pass
NVNT	n20	2437	Ant1	12.619	0.5	Pass
NVNT	n20	2462	Ant1	15.033	0.5	Pass
NVNT	n40	2422	Ant1	28.815	0.5	Pass
NVNT	n40	2437	Ant1	35.006	0.5	Pass
NVNT	n40	2452	Ant1	35.123	0.5	Pass

-6dB Bandwidth NVNT b 2412MHz Ant1

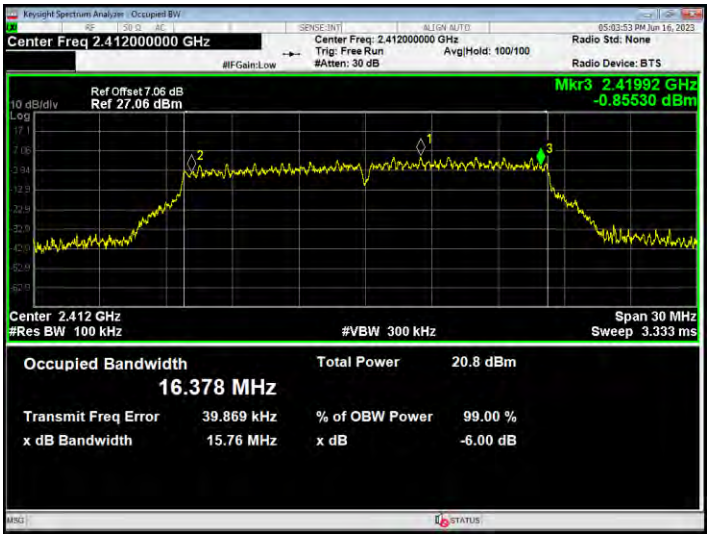


-6dB Bandwidth NVNT b 2437MHz Ant1

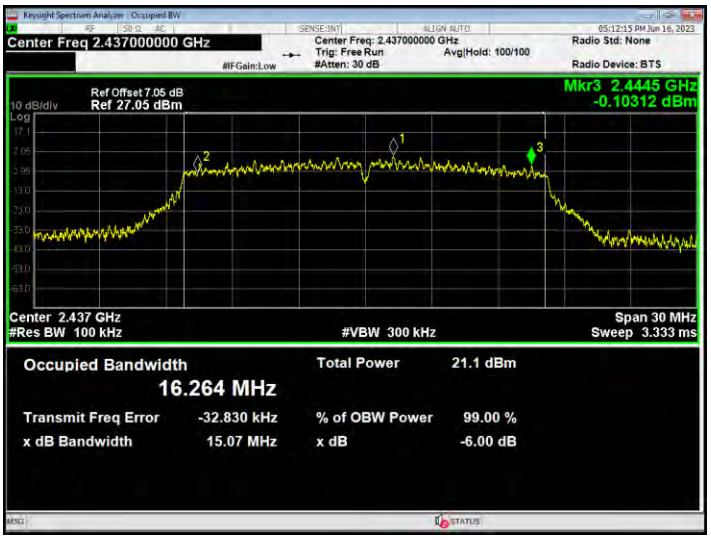


-6dB Bandwidth NVNT b 2462MHz Ant1

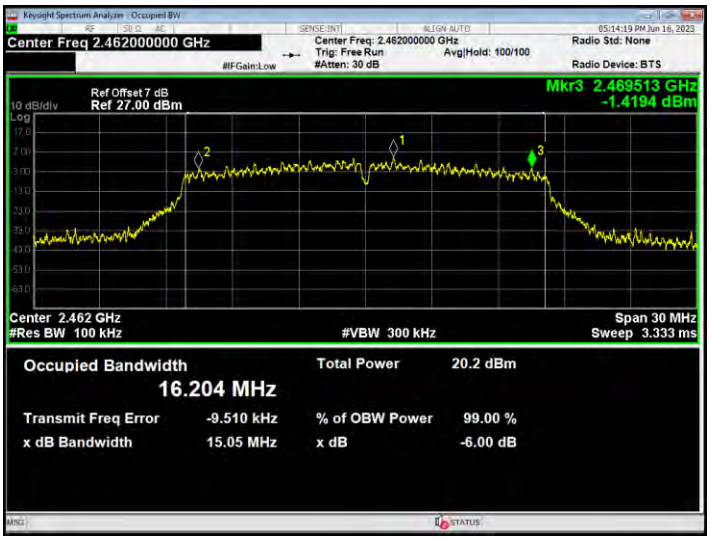
-6dB Bandwidth NVNT g 2412MHz Ant1



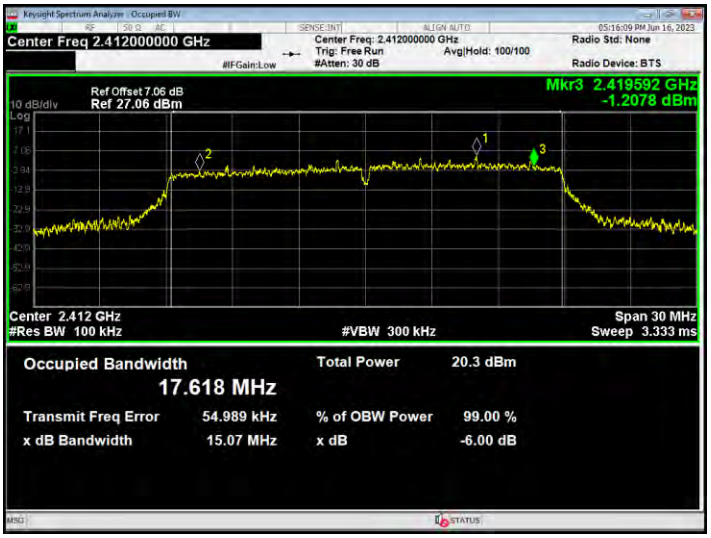
-6dB Bandwidth NVNT g 2437MHz Ant1



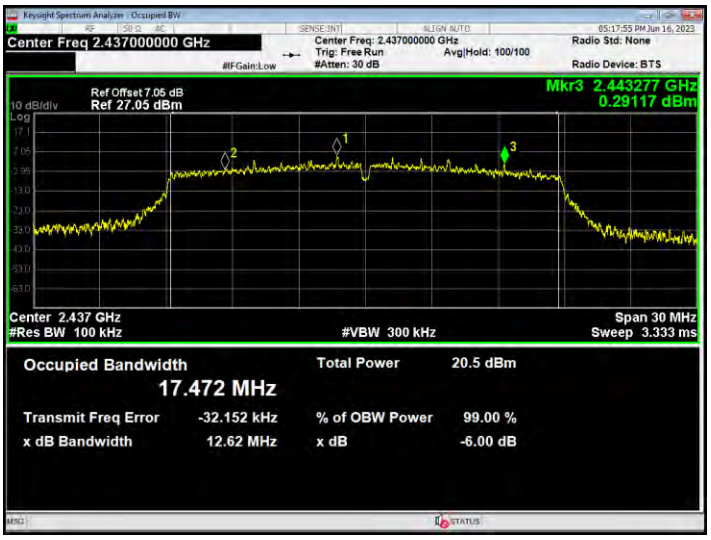
-6dB Bandwidth NVNT g 2462MHz Ant1



-6dB Bandwidth NVNT n20 2412MHz Ant1



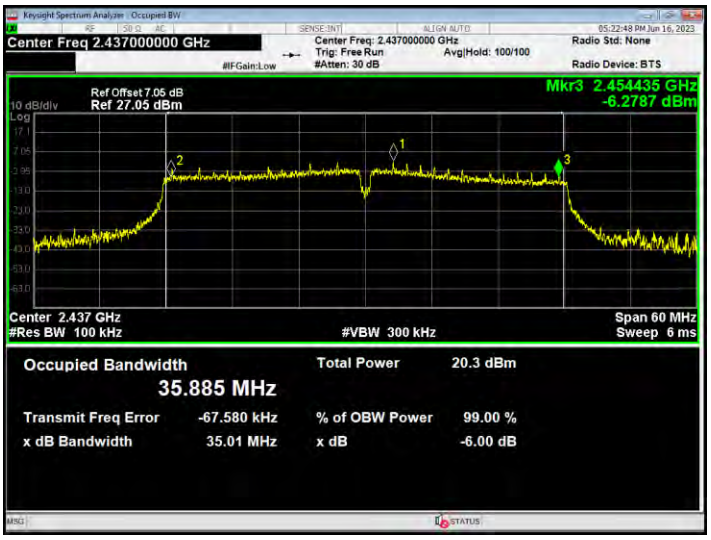
-6dB Bandwidth NVNT n20 2437MHz Ant1



-6dB Bandwidth NVNT n20 2462MHz Ant1

-6dB Bandwidth NVNT n40 2422MHz Ant1

-6dB Bandwidth NVNT n40 2437MHz Ant1

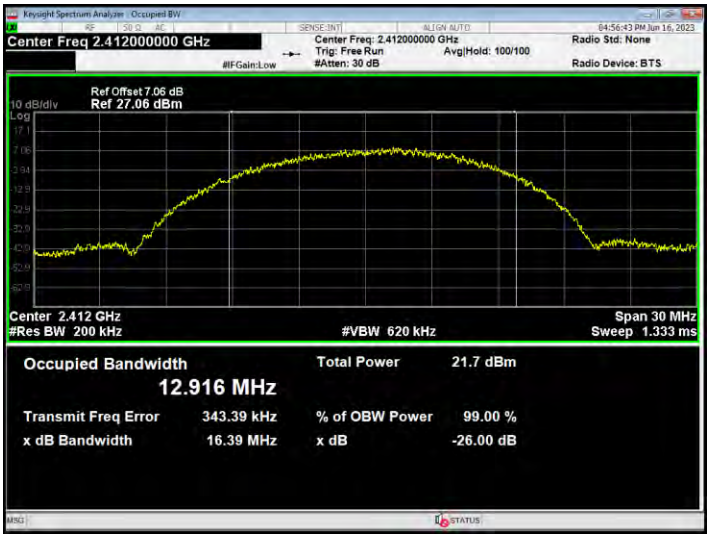


-6dB Bandwidth NVNT n40 2452MHz Ant1

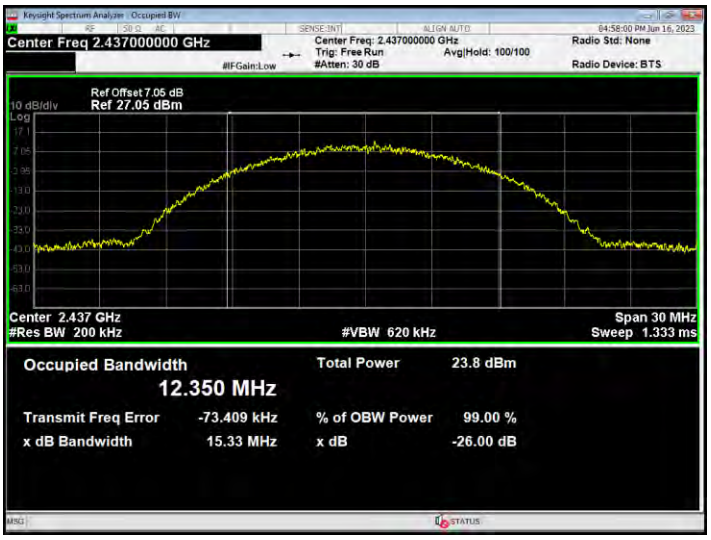
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	12.91646347
NVNT	b	2437	Ant1	12.35005639
NVNT	b	2462	Ant1	12.22282779
NVNT	g	2412	Ant1	16.45856978
NVNT	g	2437	Ant1	16.32633909
NVNT	g	2462	Ant1	16.22429199
NVNT	n20	2412	Ant1	17.65457532
NVNT	n20	2437	Ant1	17.45461851
NVNT	n20	2462	Ant1	17.37463498
NVNT	n40	2422	Ant1	35.83294848
NVNT	n40	2437	Ant1	36.09920402
NVNT	n40	2452	Ant1	35.99094429

OBW NVNT b 2412MHz Ant1



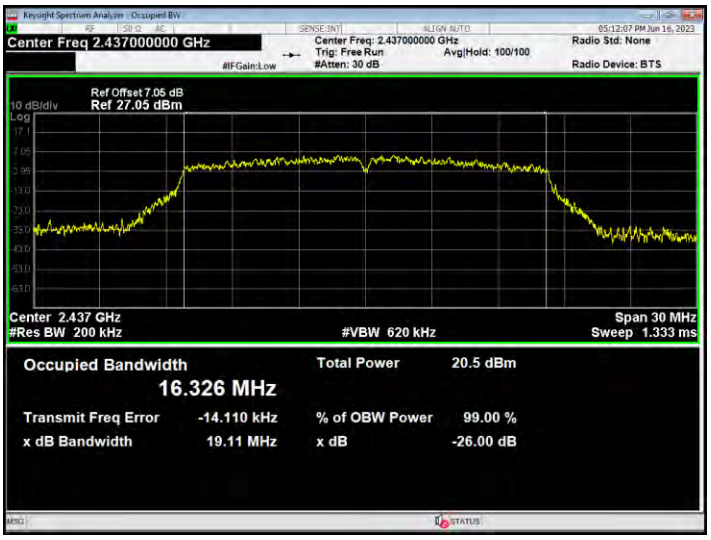
OBW NVNT b 2437MHz Ant1



OBW NVNT b 2462MHz Ant1

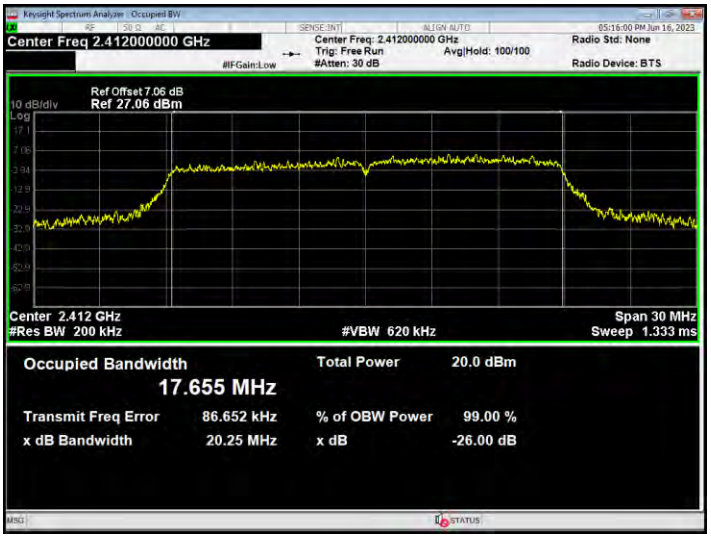
OBW NVNT g 2412MHz Ant1

OBW NVNT g 2437MHz Ant1



OBW NVNT g 2462MHz Ant1

OBW NVNT n20 2412MHz Ant1



OBW NVNT n20 2437MHz Ant1

OBW NVNT n20 2462MHz Ant1

OBW NVNT n40 2422MHz Ant1

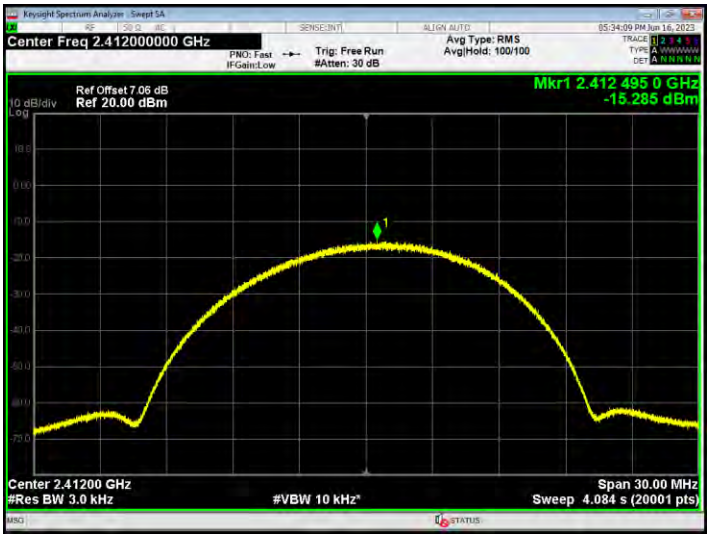
OBW NVNT n40 2437MHz Ant1

OBW NVNT n40 2452MHz Ant1

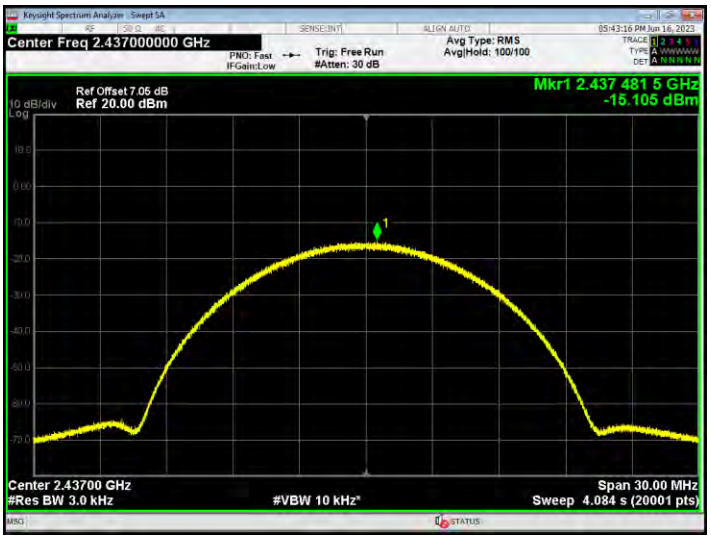
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	-15.285	8	Pass
NVNT	b	2437	Ant1	-15.105	8	Pass
NVNT	b	2462	Ant1	-15.641	8	Pass
NVNT	g	2412	Ant1	-19.177	8	Pass
NVNT	g	2437	Ant1	-18.687	8	Pass
NVNT	g	2462	Ant1	-19.547	8	Pass
NVNT	n20	2412	Ant1	-19.543	8	Pass
NVNT	n20	2437	Ant1	-18.848	8	Pass
NVNT	n20	2462	Ant1	-19.175	8	Pass
NVNT	n40	2422	Ant1	-20.178	8	Pass
NVNT	n40	2437	Ant1	-19.958	8	Pass
NVNT	n40	2452	Ant1	-21.192	8	Pass

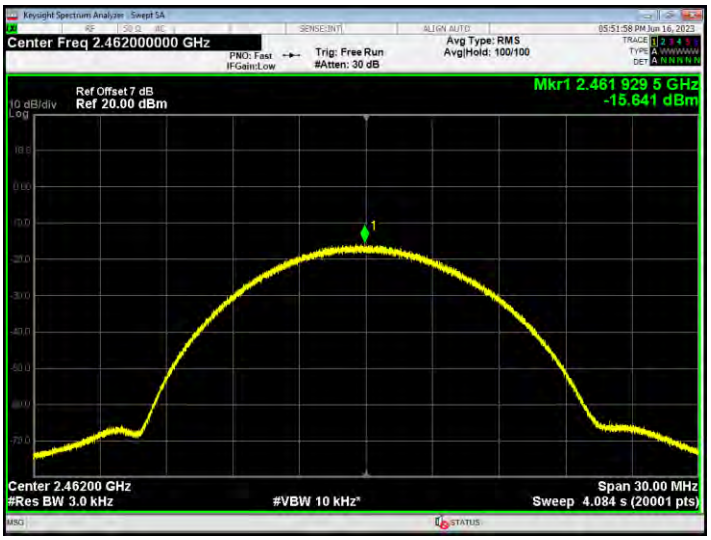
PSD NVNT b 2412MHz Ant1



PSD NVNT b 2437MHz Ant1

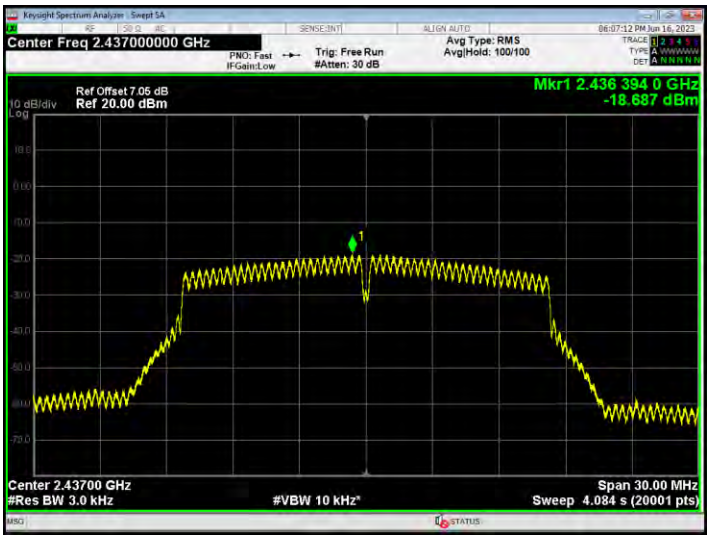


PSD NVNT b 2462MHz Ant1

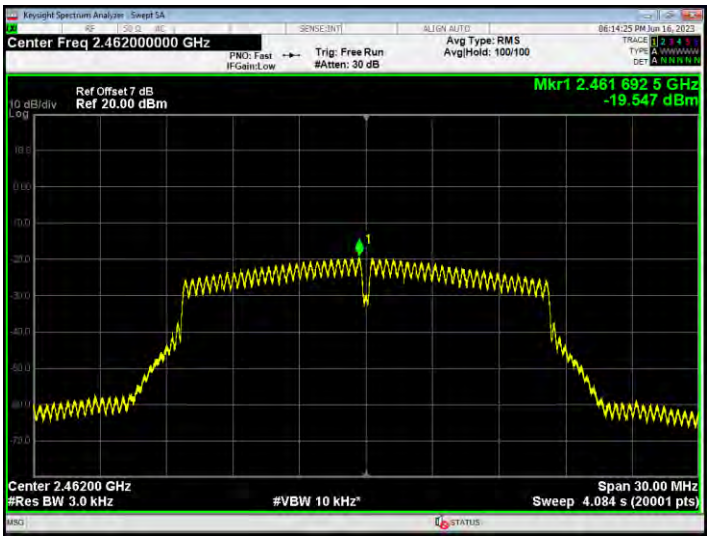


PSD NVNT g 2412MHz Ant1

PSD NVNT g 2437MHz Ant1

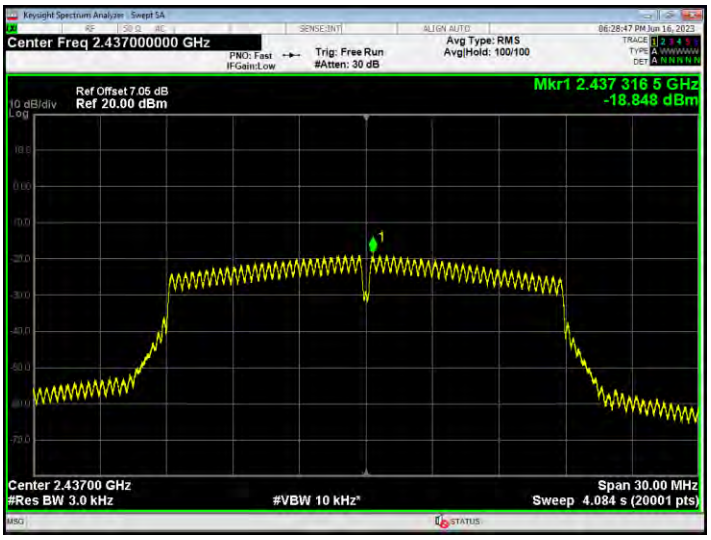


PSD NVNT g 2462MHz Ant1



PSD NVNT n20 2412MHz Ant1

PSD NVNT n20 2437MHz Ant1



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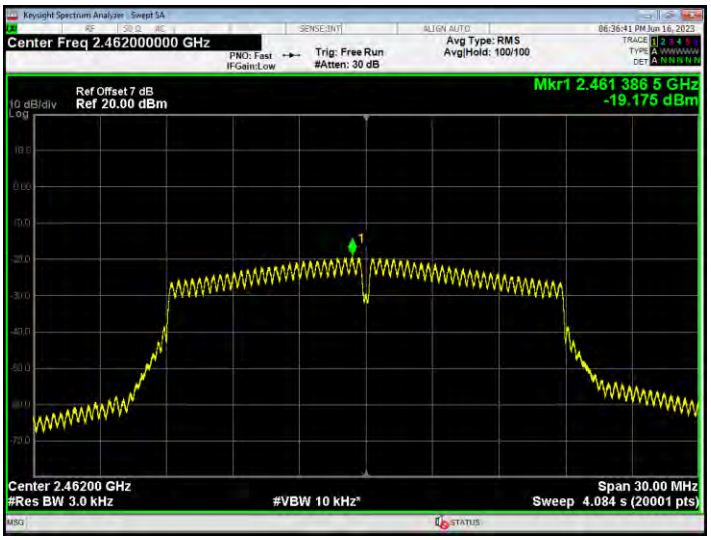
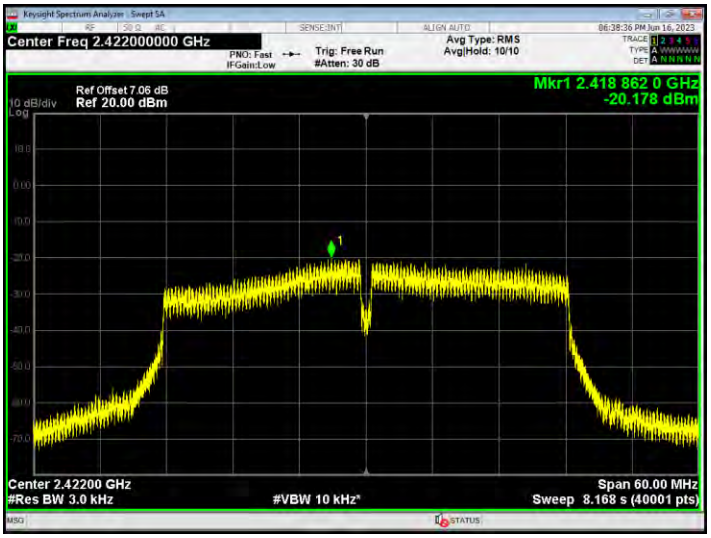
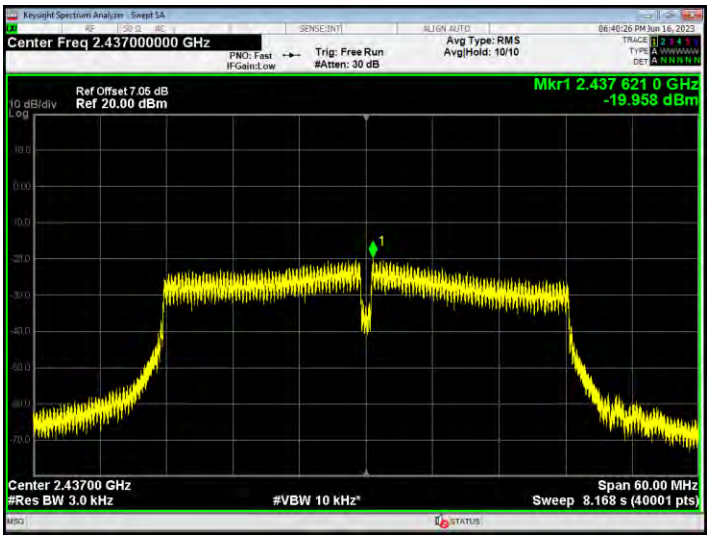


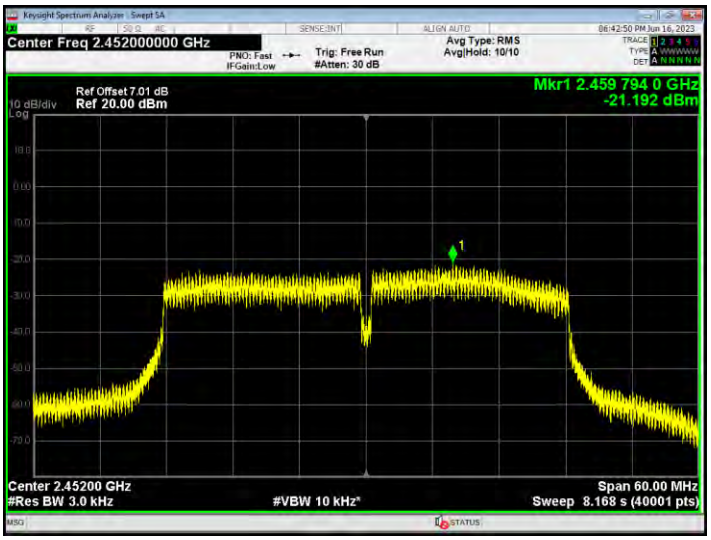
PSD NVNT n40 2422MHz Ant1



PSD NVNT n40 2437MHz Ant1



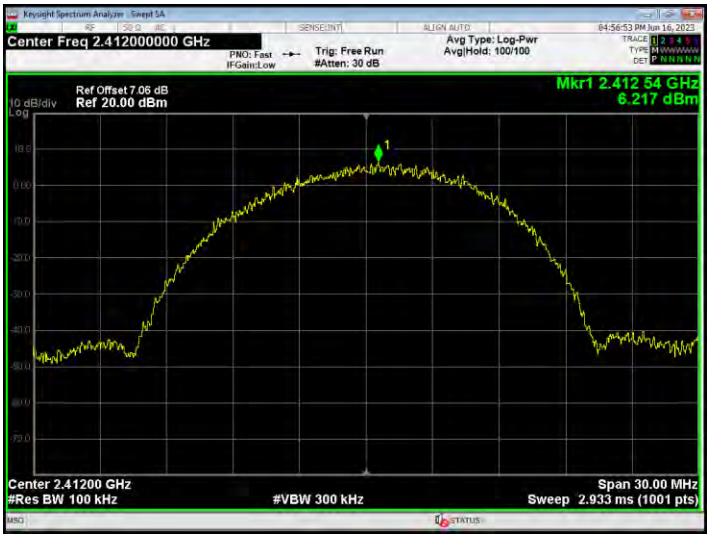
PSD NVNT n40 2452MHz Ant1



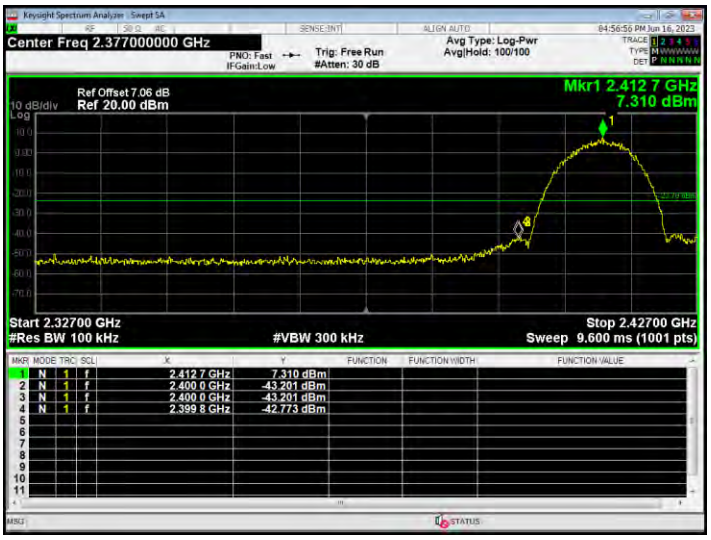
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-48.99	-30	Pass
NVNT	b	2462	Ant1	-58.6	-30	Pass
NVNT	g	2412	Ant1	-39.69	-30	Pass
NVNT	g	2462	Ant1	-53.6	-30	Pass
NVNT	n20	2412	Ant1	-32.24	-30	Pass
NVNT	n20	2462	Ant1	-54.75	-30	Pass
NVNT	n40	2422	Ant1	-34.27	-30	Pass
NVNT	n40	2452	Ant1	-45.3	-30	Pass

Band Edge NVNT b 2412MHz Ant1 Ref

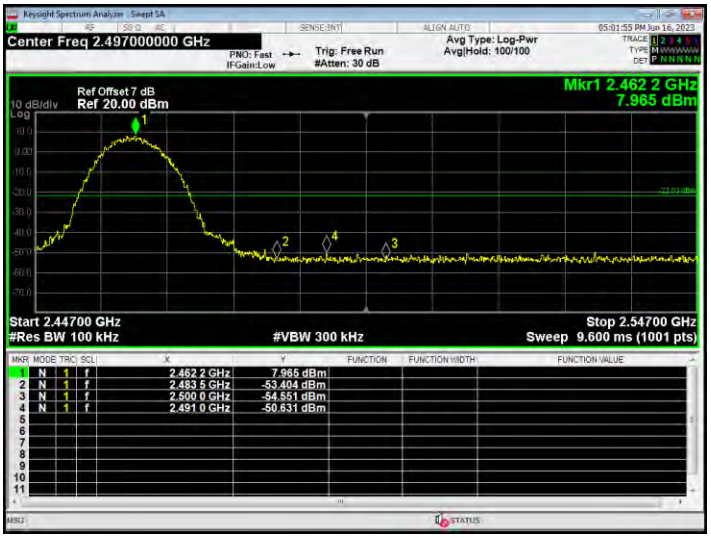


Band Edge NVNT b 2412MHz Ant1 Emission



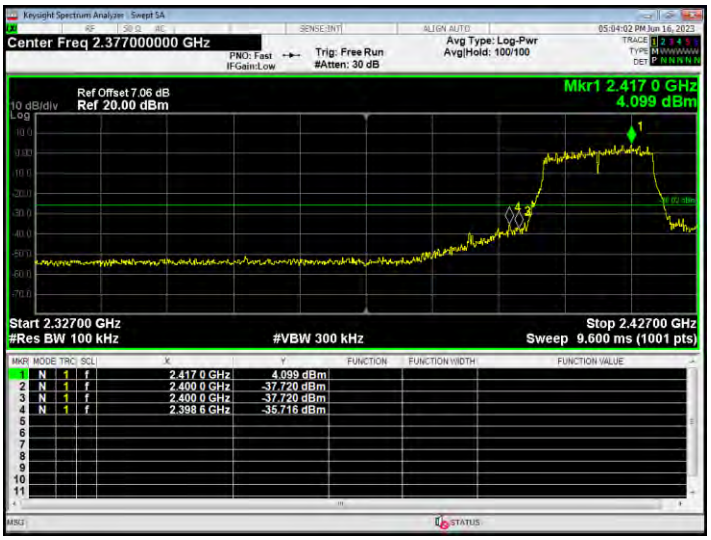
Band Edge NVNT b 2462MHz Ant1 Ref

Band Edge NVNT b 2462MHz Ant1 Emission

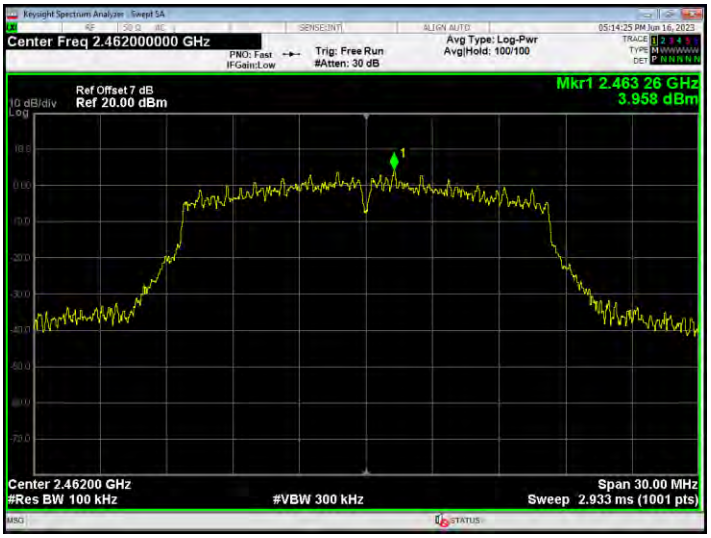


Band Edge NVNT g 2412MHz Ant1 Ref

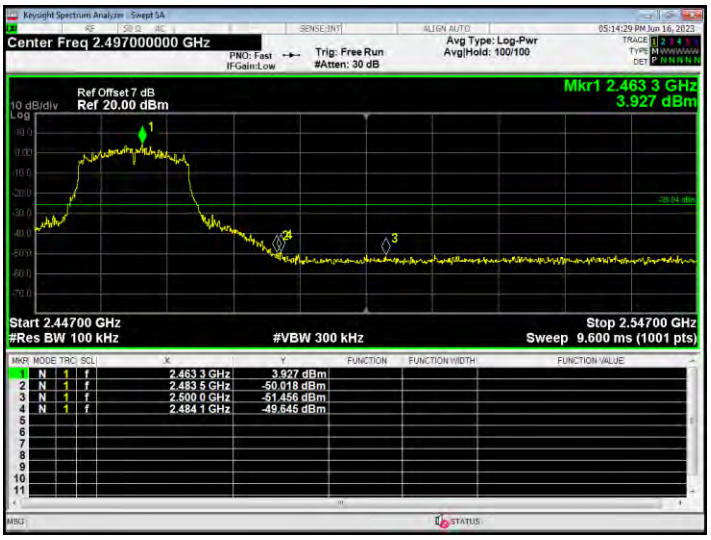
Band Edge NVNT g 2412MHz Ant1 Emission



Band Edge NVNT g 2462MHz Ant1 Ref

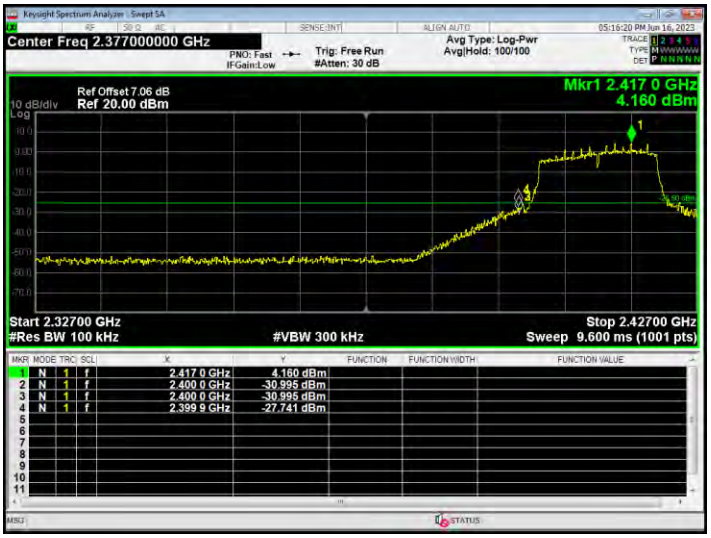


Band Edge NVNT g 2462MHz Ant1 Emission



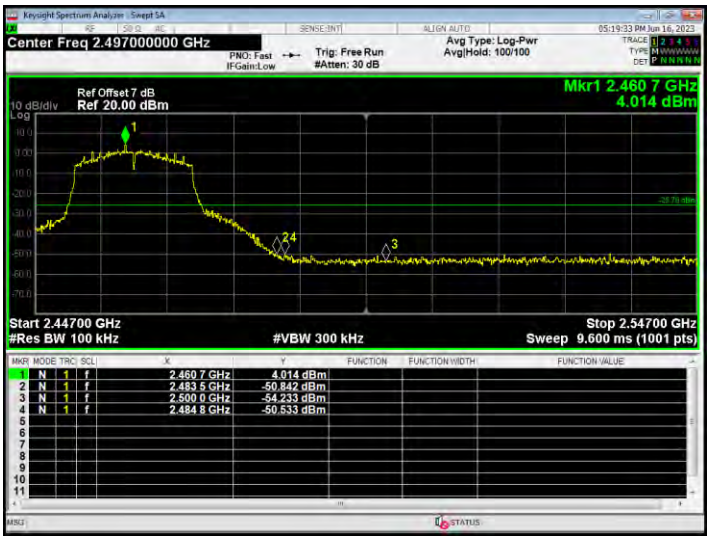
Band Edge NVNT n20 2412MHz Ant1 Ref

Band Edge NVNT n20 2412MHz Ant1 Emission

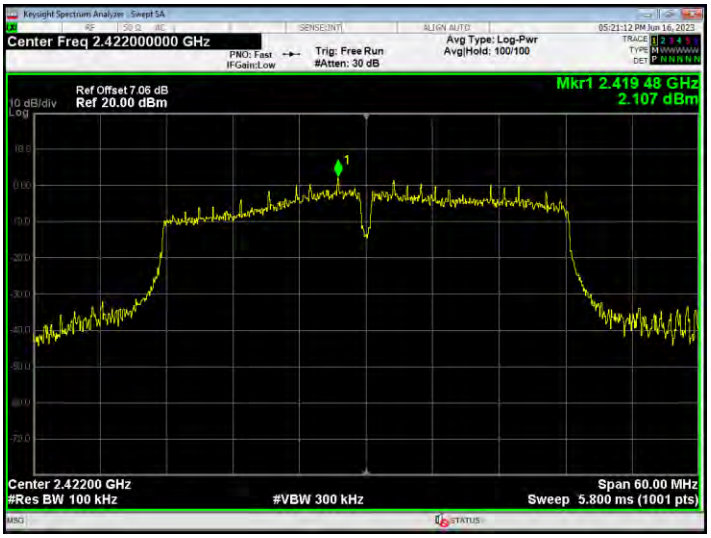


Band Edge NVNT n20 2462MHz Ant1 Ref

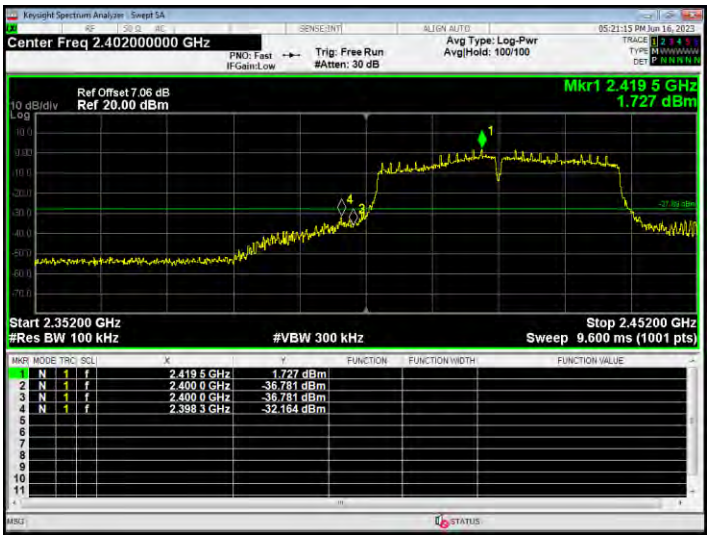
Band Edge NVNT n20 2462MHz Ant1 Emission



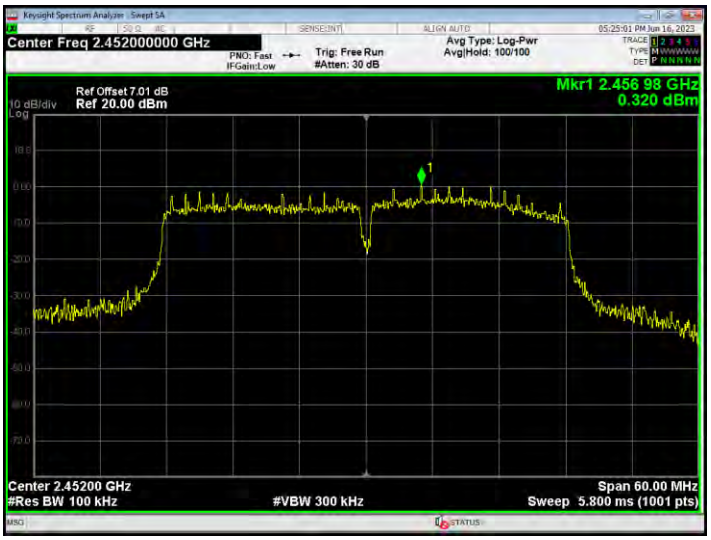
Band Edge NVNT n40 2422MHz Ant1 Ref



Band Edge NVNT n40 2422MHz Ant1 Emission



Band Edge NVNT n40 2452MHz Ant1 Ref

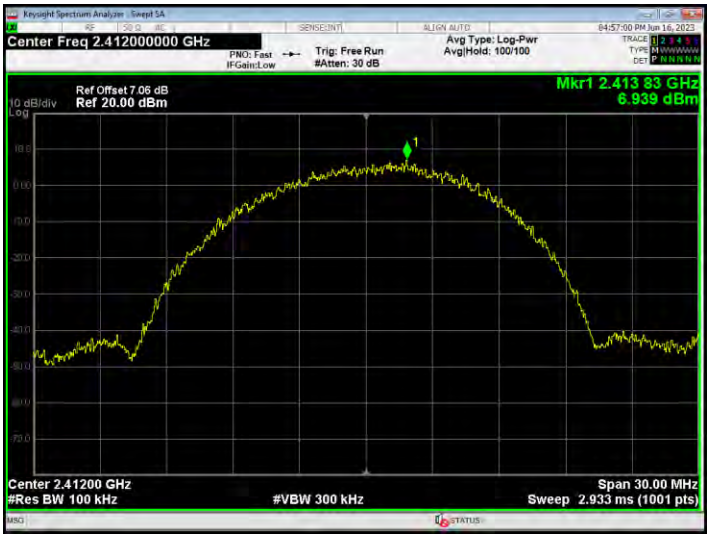


Band Edge NVNT n40 2452MHz Ant1 Emission

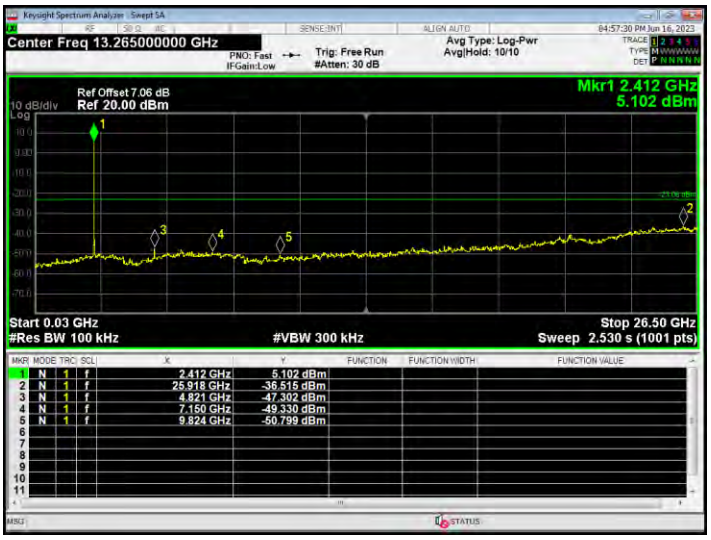
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-43.45	-30	Pass
NVNT	b	2437	Ant1	-45.06	-30	Pass
NVNT	b	2462	Ant1	-45.34	-30	Pass
NVNT	g	2412	Ant1	-40.93	-30	Pass
NVNT	g	2437	Ant1	-40.83	-30	Pass
NVNT	g	2462	Ant1	-40.76	-30	Pass
NVNT	n20	2412	Ant1	-40.77	-30	Pass
NVNT	n20	2437	Ant1	-41.57	-30	Pass
NVNT	n20	2462	Ant1	-41.16	-30	Pass
NVNT	n40	2422	Ant1	-38.18	-30	Pass
NVNT	n40	2437	Ant1	-38.44	-30	Pass
NVNT	n40	2452	Ant1	-35.65	-30	Pass

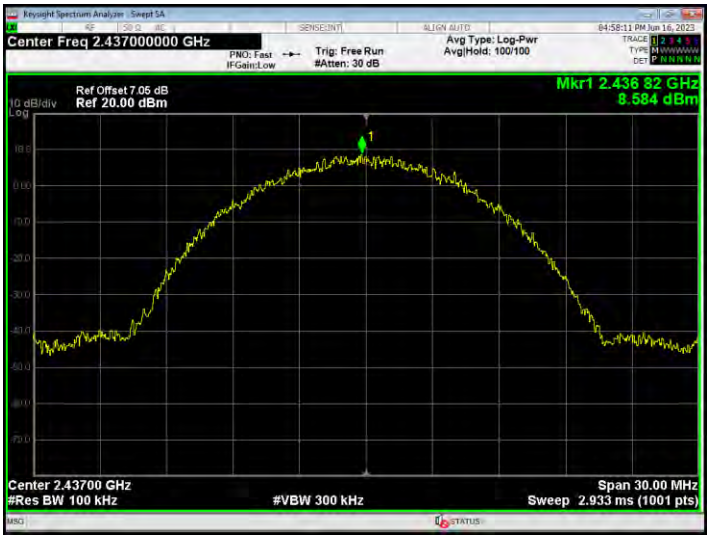
Tx. Spurious NVNT b 2412MHz Ant1 Ref



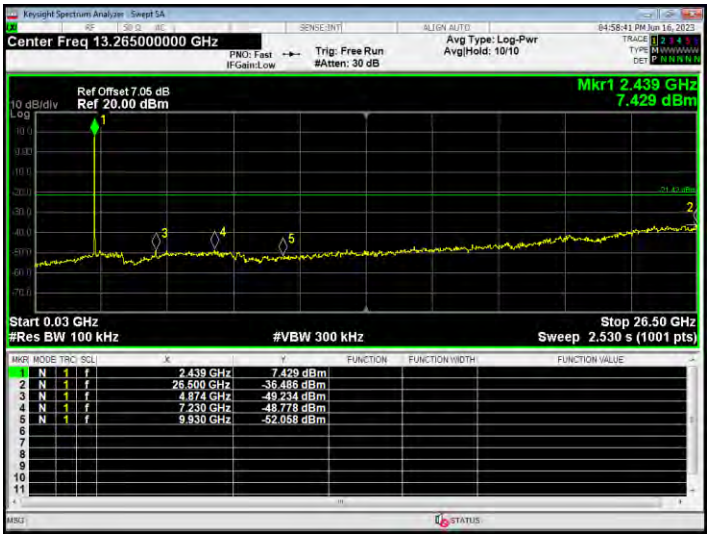
Tx. Spurious NVNT b 2412MHz Ant1 Emission



Tx. Spurious NVNT b 2437MHz Ant1 Ref

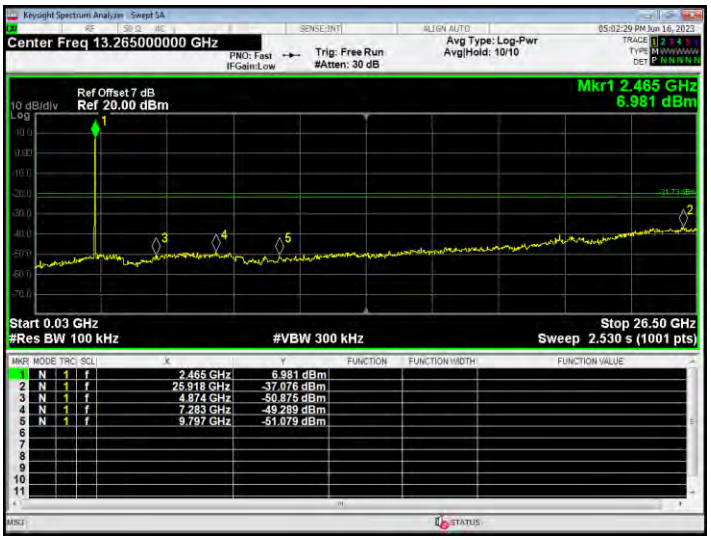


Tx. Spurious NVNT b 2437MHz Ant1 Emission



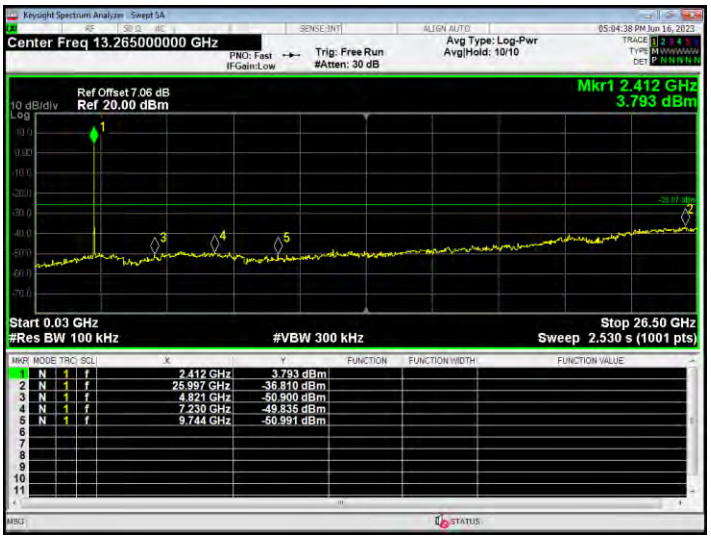
Tx. Spurious NVNT b 2462MHz Ant1 Ref

Tx. Spurious NVNT b 2462MHz Ant1 Emission

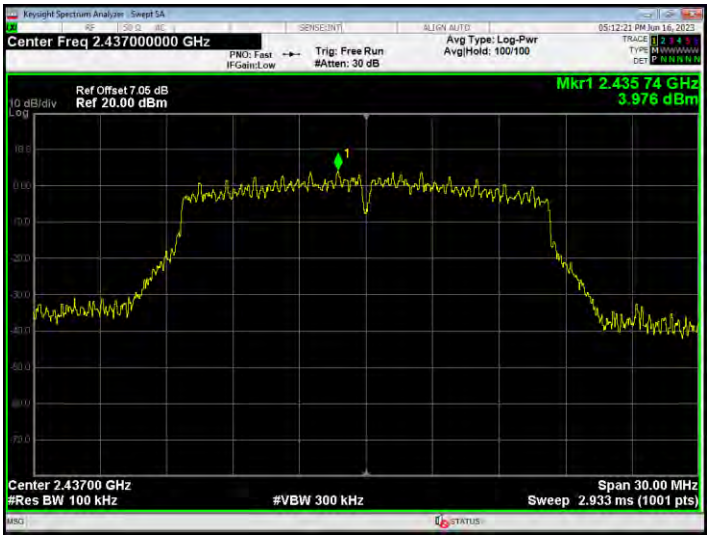


Tx. Spurious NVNT g 2412MHz Ant1 Ref

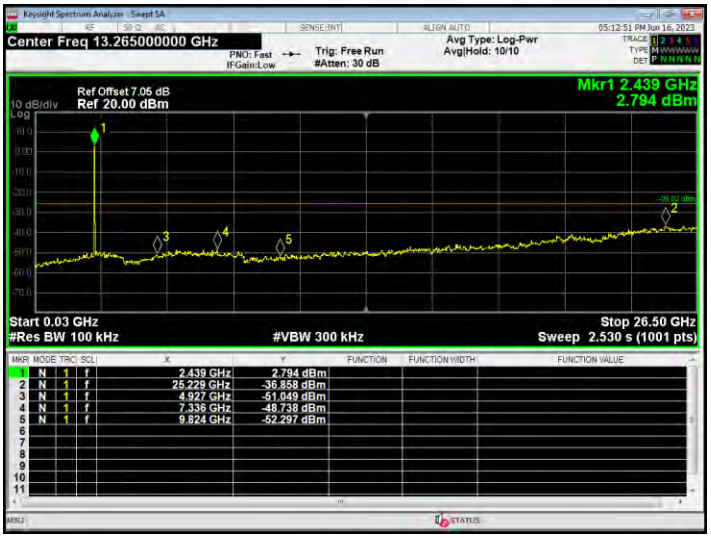
Tx. Spurious NVNT g 2412MHz Ant1 Emission



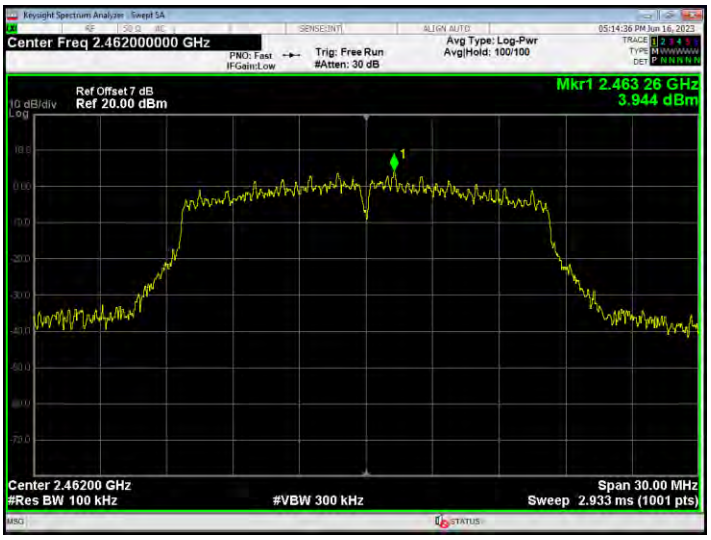
Tx. Spurious NVNT g 2437MHz Ant1 Ref



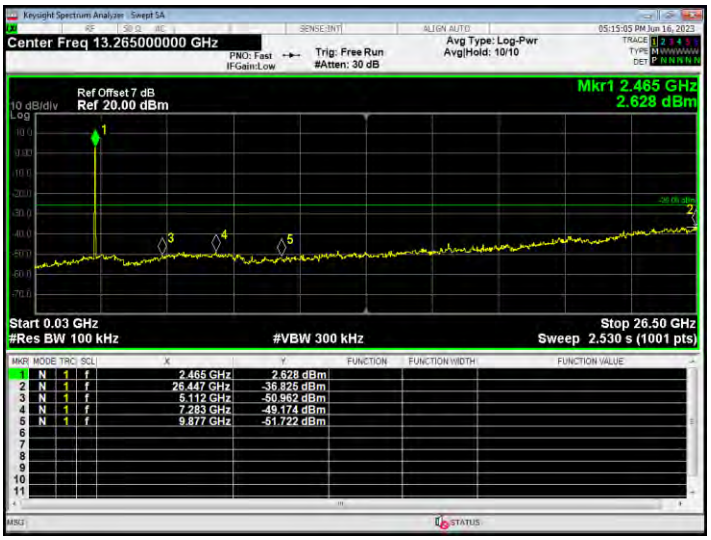
Tx. Spurious NVNT g 2437MHz Ant1 Emission



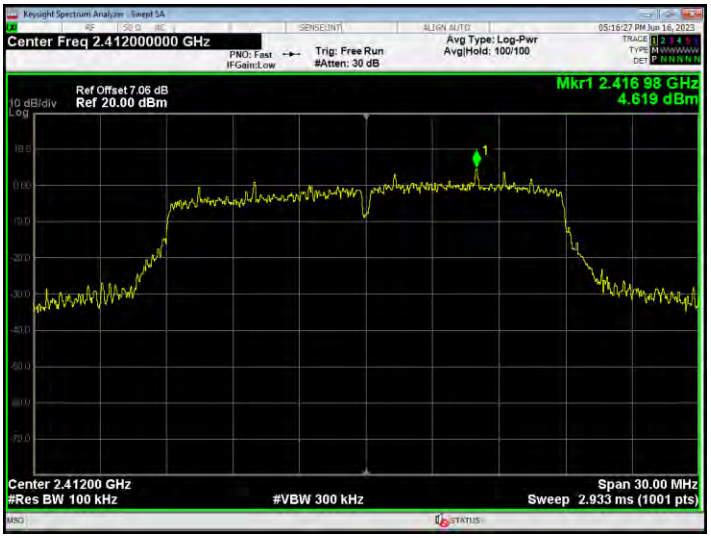
Tx. Spurious NVNT g 2462MHz Ant1 Ref



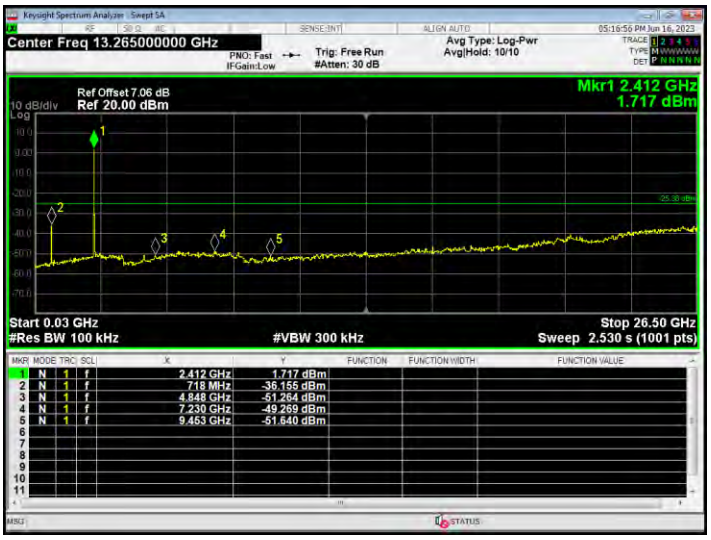
Tx. Spurious NVNT g 2462MHz Ant1 Emission



Tx. Spurious NVNT n20 2412MHz Ant1 Ref

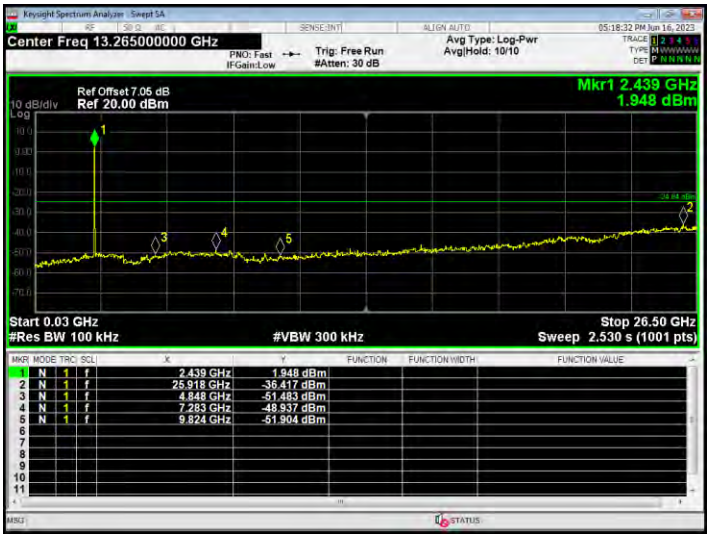


Tx. Spurious NVNT n20 2412MHz Ant1 Emission



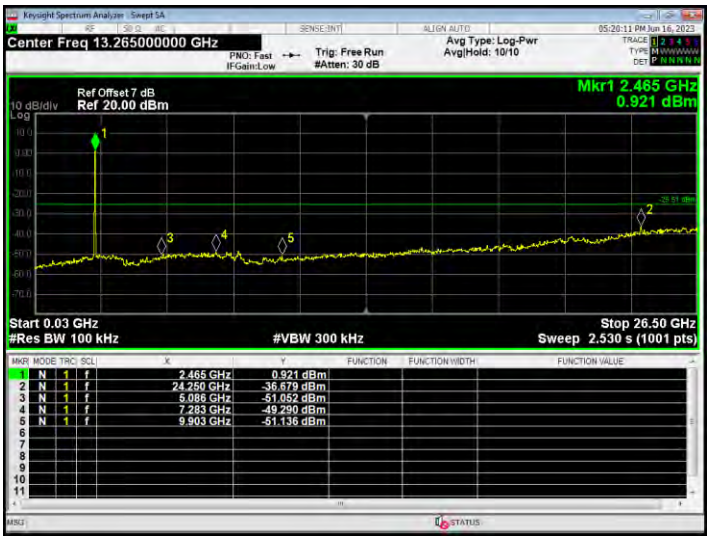
Tx. Spurious NVNT n20 2437MHz Ant1 Ref

Tx. Spurious NVNT n20 2437MHz Ant1 Emission



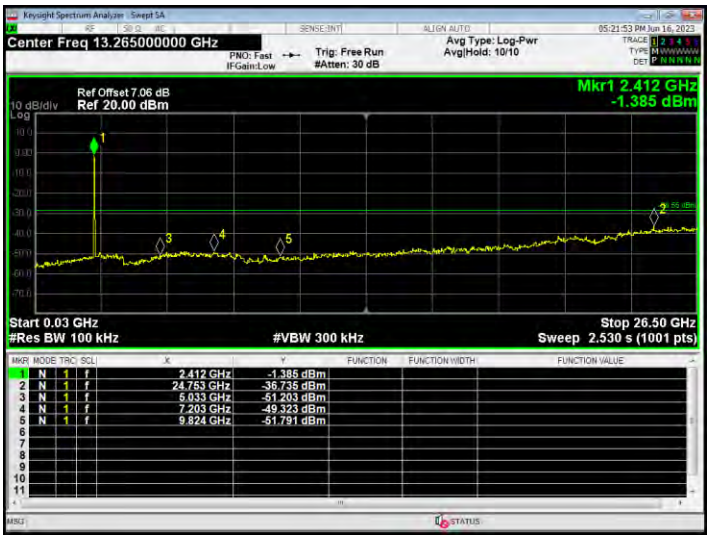
Tx. Spurious NVNT n20 2462MHz Ant1 Ref

Tx. Spurious NVNT n20 2462MHz Ant1 Emission



Tx. Spurious NVNT n40 2422MHz Ant1 Ref

Tx. Spurious NVNT n40 2422MHz Ant1 Emission



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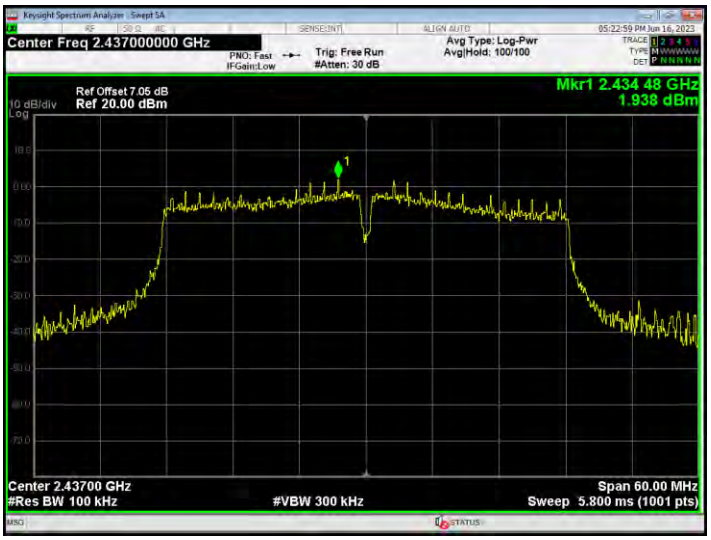

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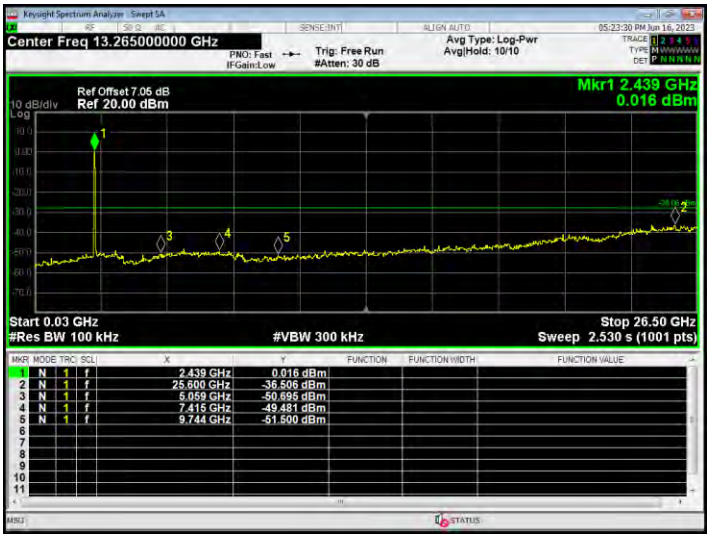
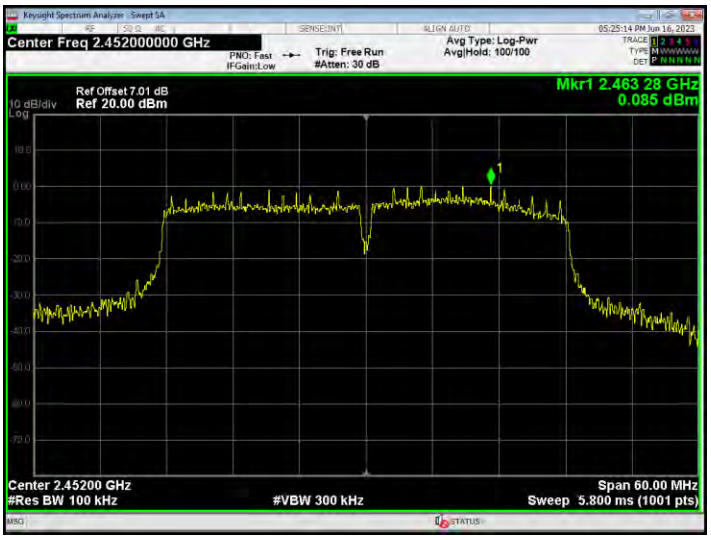
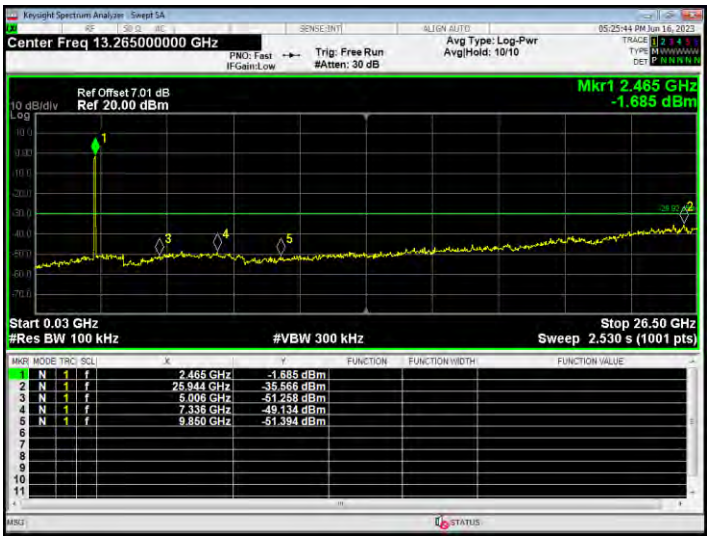


Tx. Spurious NVNT n40 2452MHz Ant1 Ref



Tx. Spurious NVNT n40 2452MHz Ant1 Emission