

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

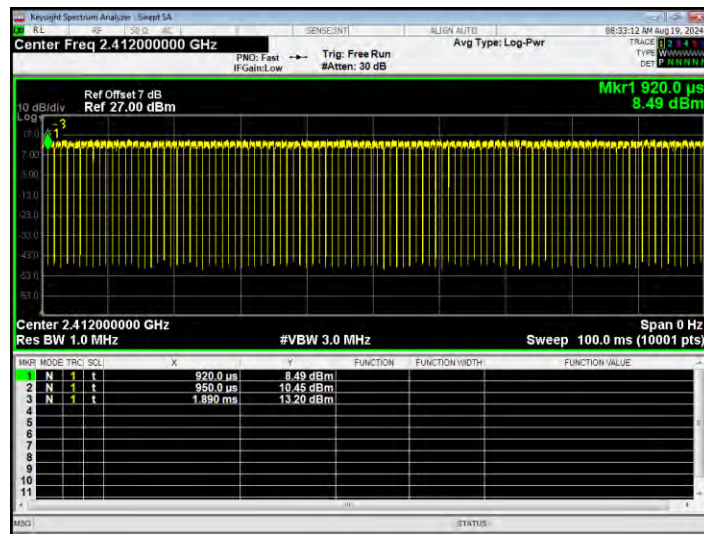
Applicable Standards: FCC PART 15 C 15.247
ANSI C63.10:2013

Test Result: Pass

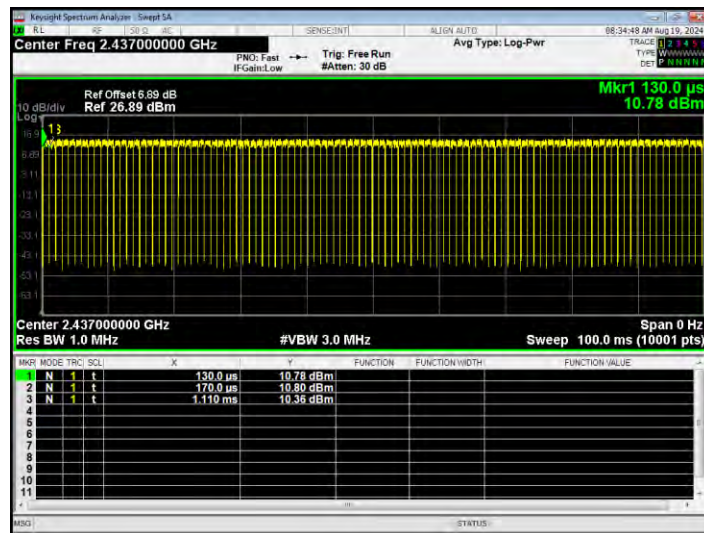
Duty Cycle

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

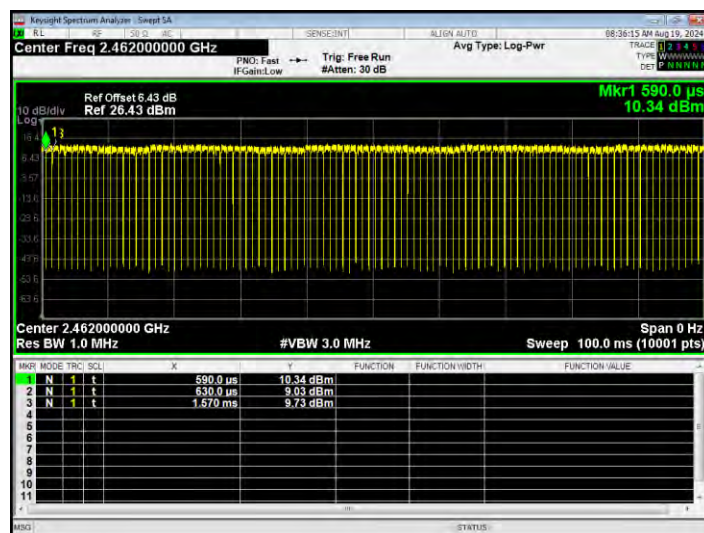
Duty Cycle NVNT b 2412MHz Ant1



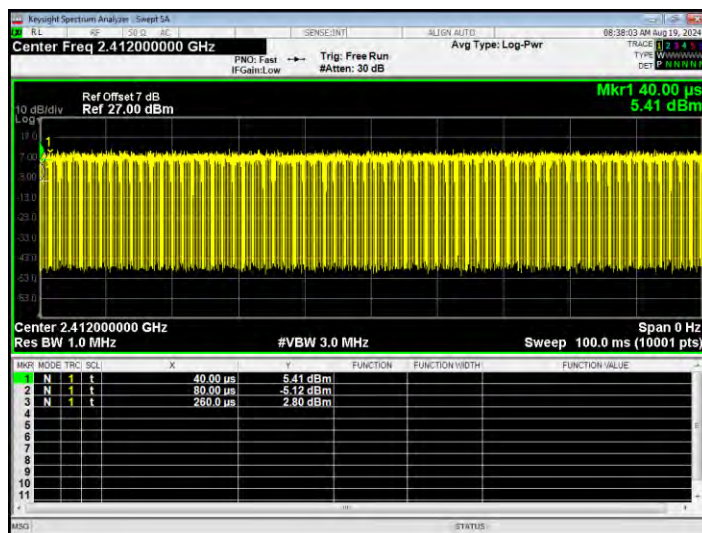
Duty Cycle NVNT b 2437MHz Ant1



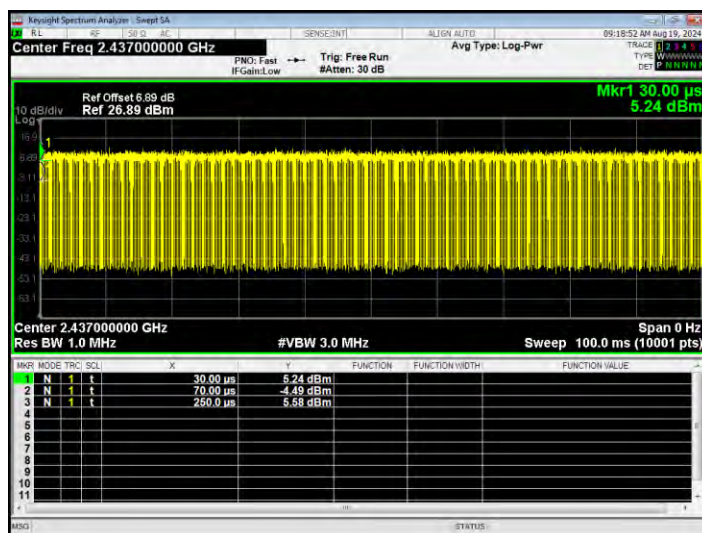
Duty Cycle NVNT b 2462MHz Ant1



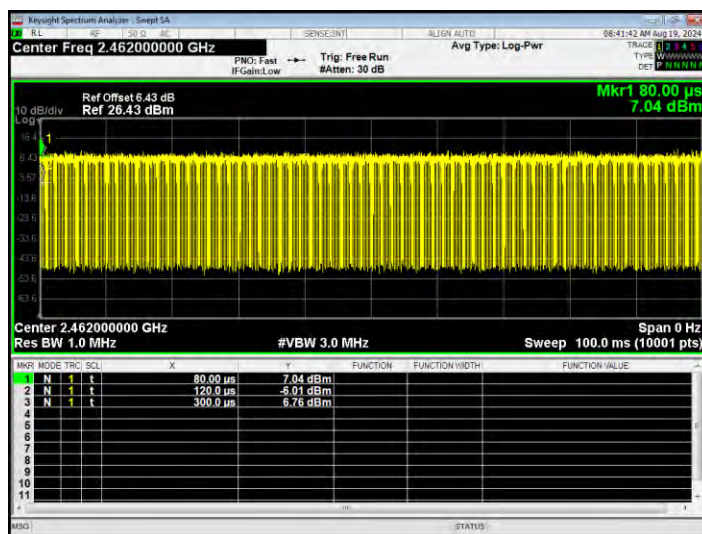
Duty Cycle NVNT g 2412MHz Ant1



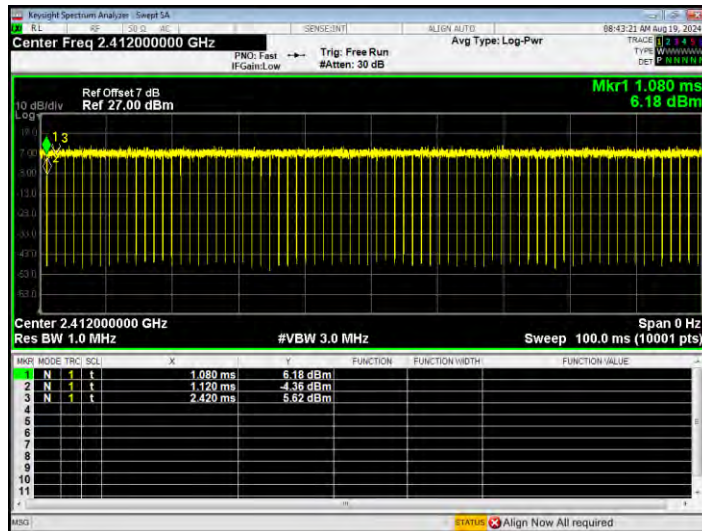
Duty Cycle NVNT g 2437MHz Ant1



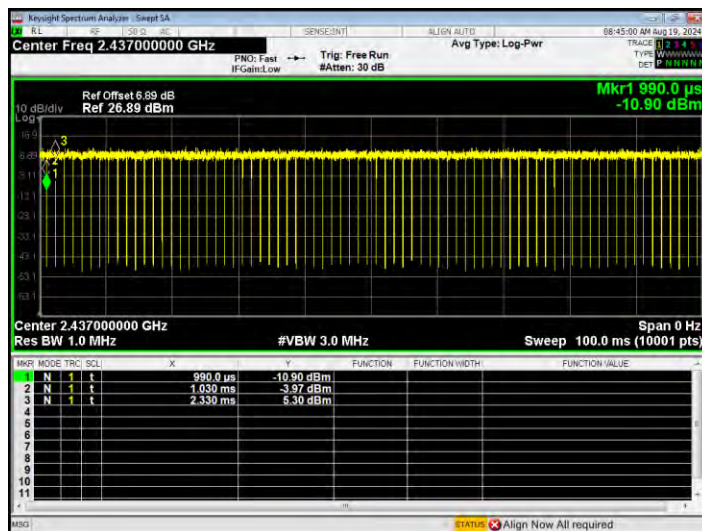
Duty Cycle NVNT g 2462MHz Ant1



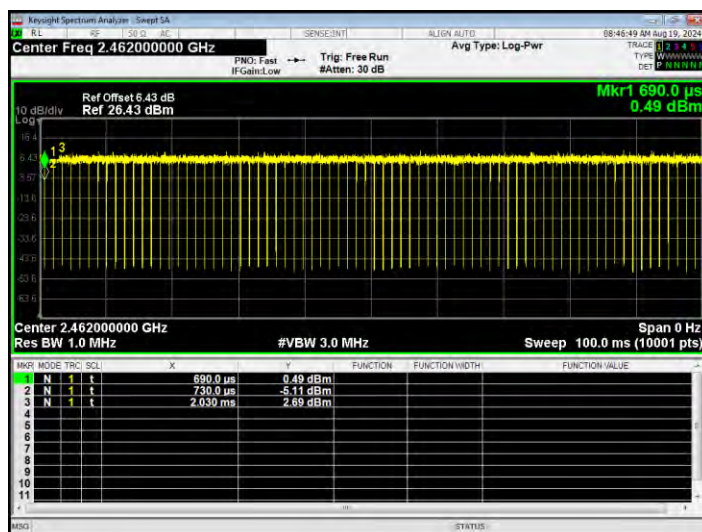
Duty Cycle NVNT n20 2412MHz Ant1



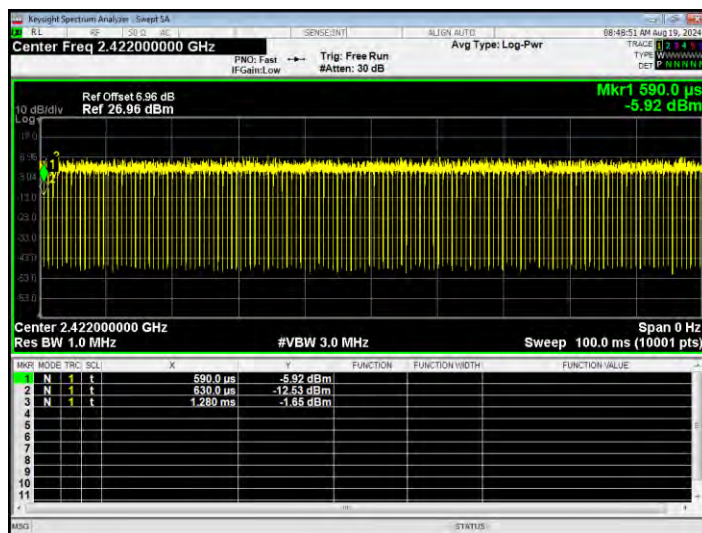
Duty Cycle NVNT n20 2437MHz Ant1



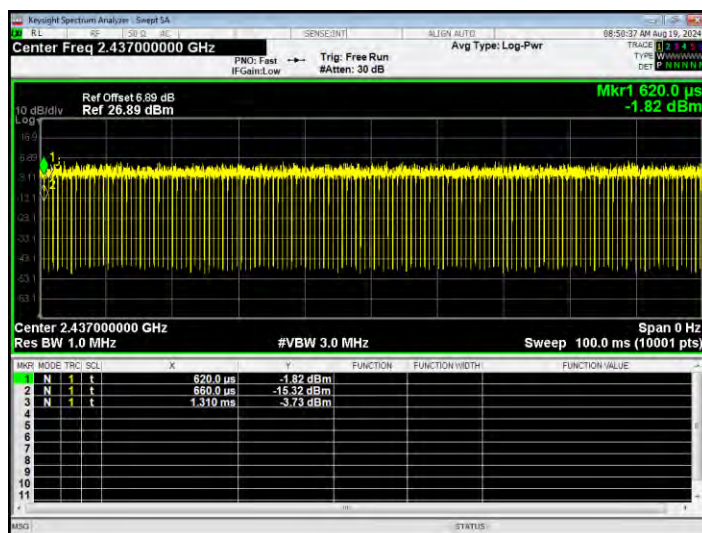
Duty Cycle NVNT n20 2462MHz Ant1



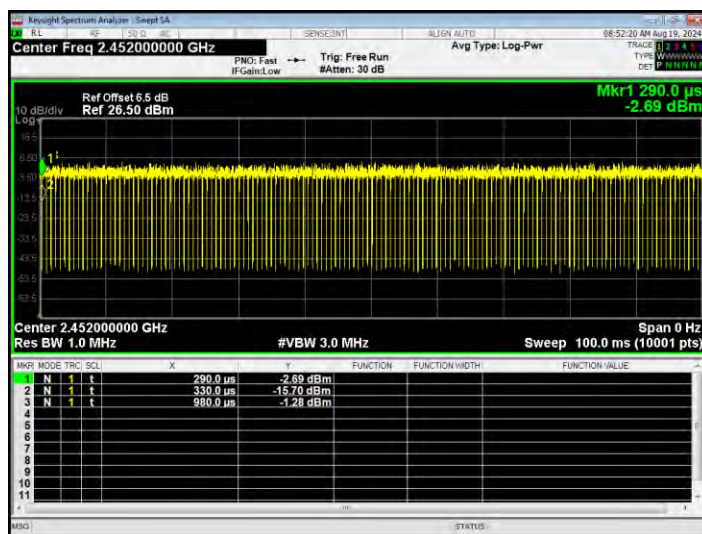
Duty Cycle NVNT n40 2422MHz Ant1



Duty Cycle NVNT n40 2437MHz Ant1



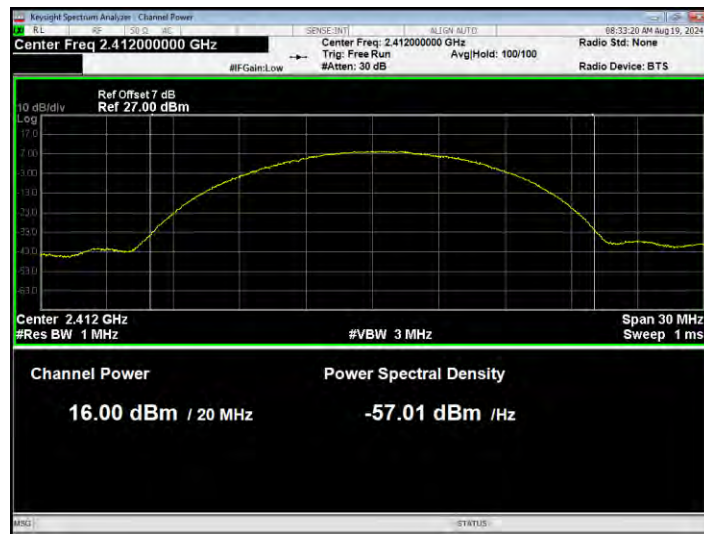
Duty Cycle NVNT n40 2452MHz Ant1



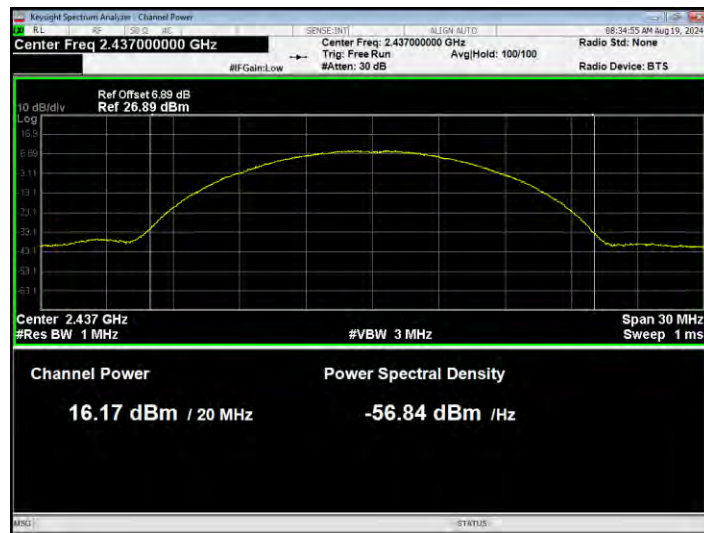
Maximum Conducted Output Power

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

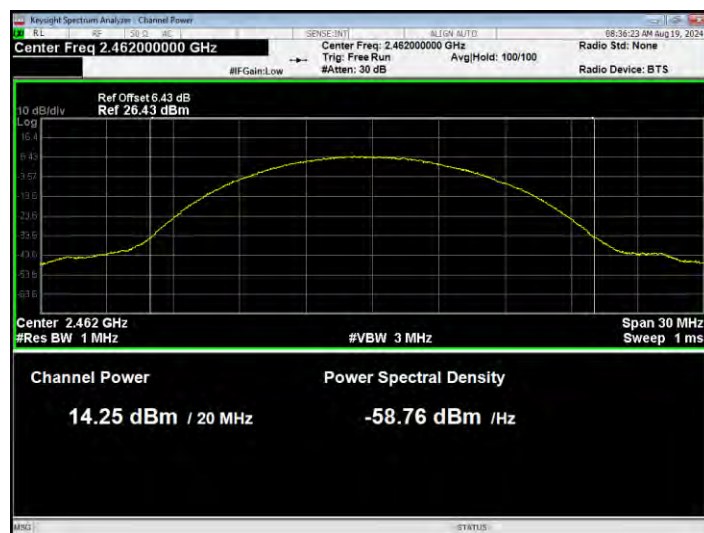
Power NVNT b 2412MHz Ant1



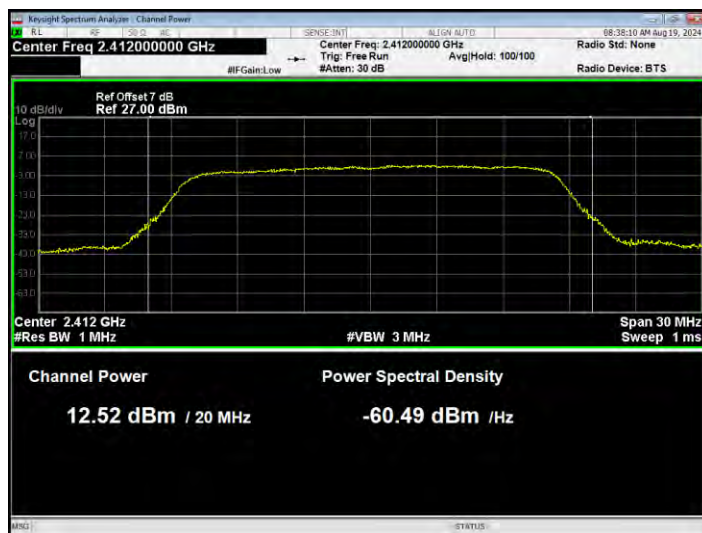
Power NVNT b 2437MHz Ant1



Power NVNT b 2462MHz Ant1



Power NVNT g 2412MHz Ant1



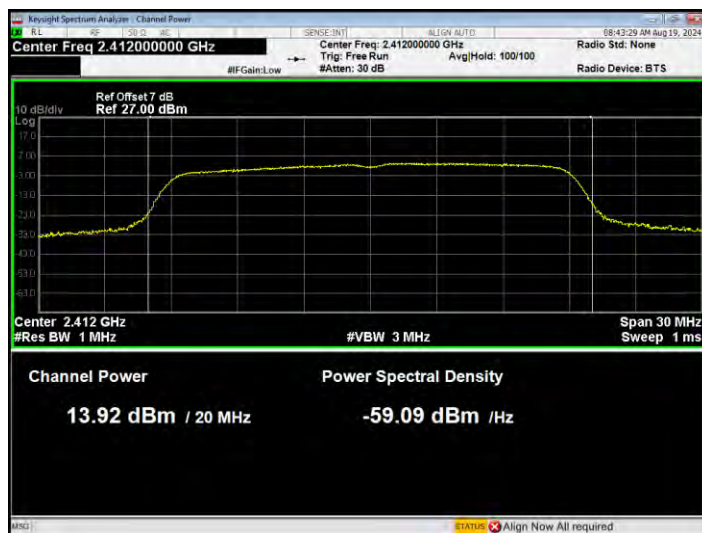
Power NVNT g 2437MHz Ant1



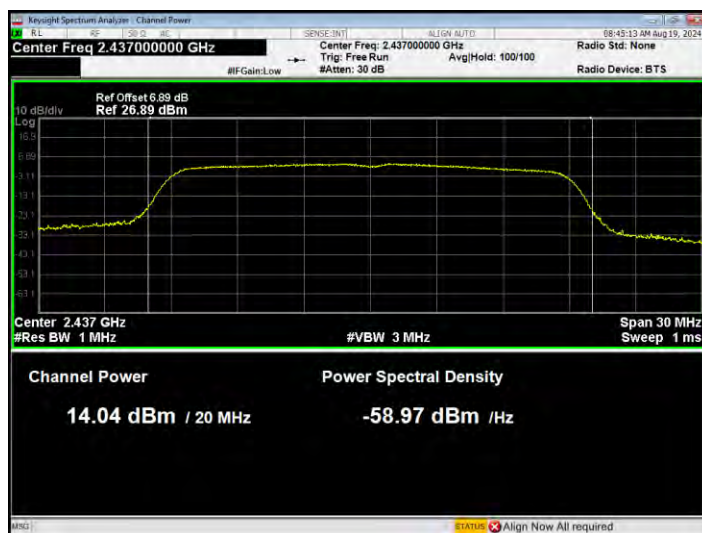
Power NVNT g 2462MHz Ant1



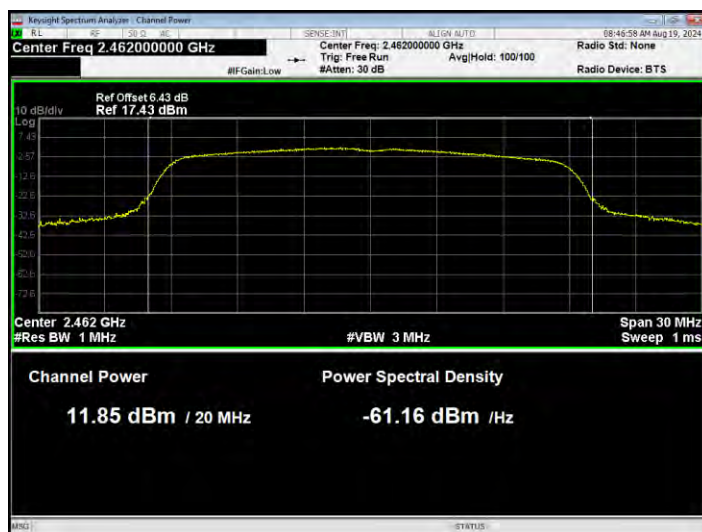
Power NVNT n20 2412MHz Ant1



Power NVNT n20 2437MHz Ant1



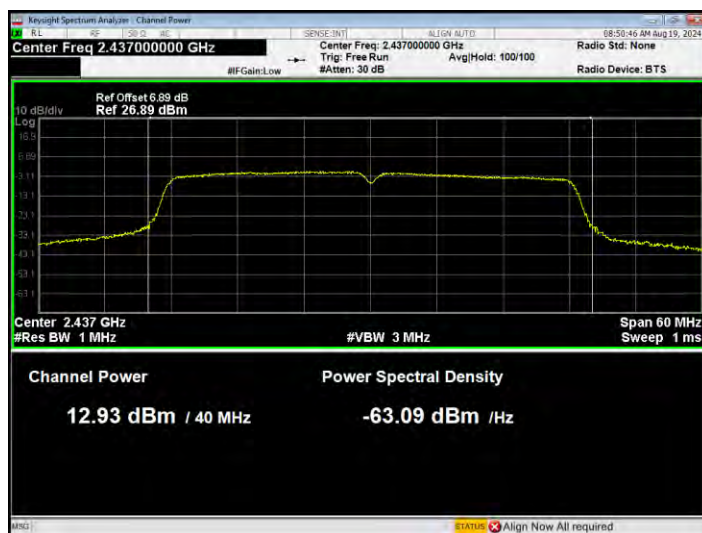
Power NVNT n20 2462MHz Ant1



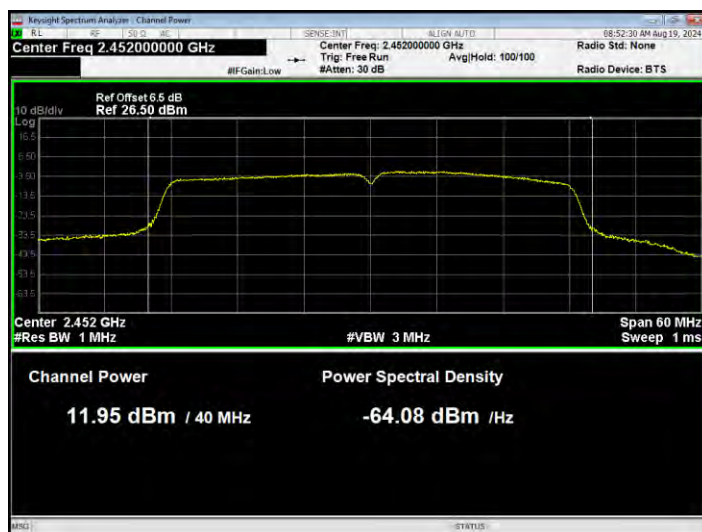
Power NVNT n40 2422MHz Ant1



Power NVNT n40 2437MHz Ant1



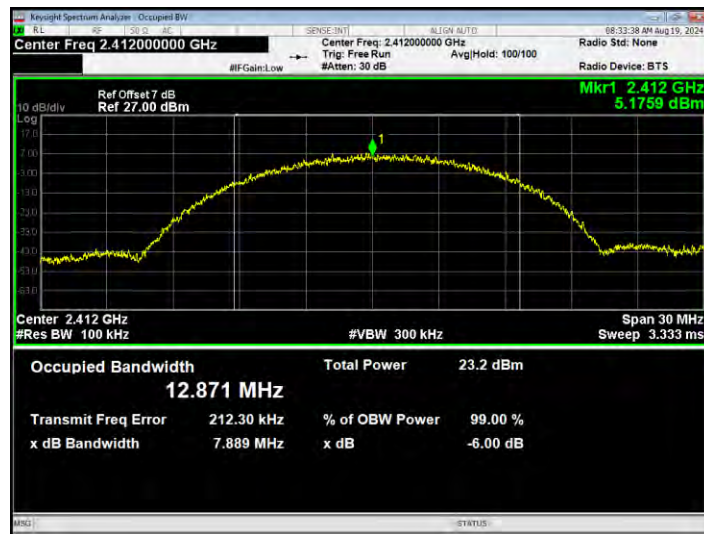
Power NVNT n40 2452MHz Ant1



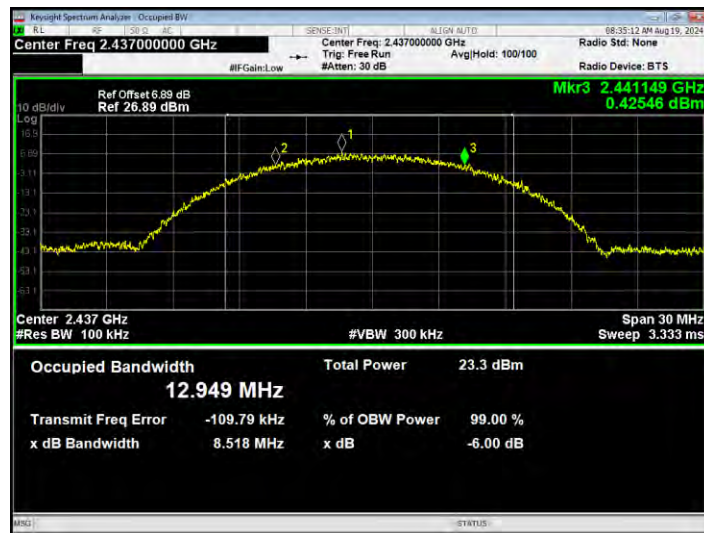
-6dB Bandwidth

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

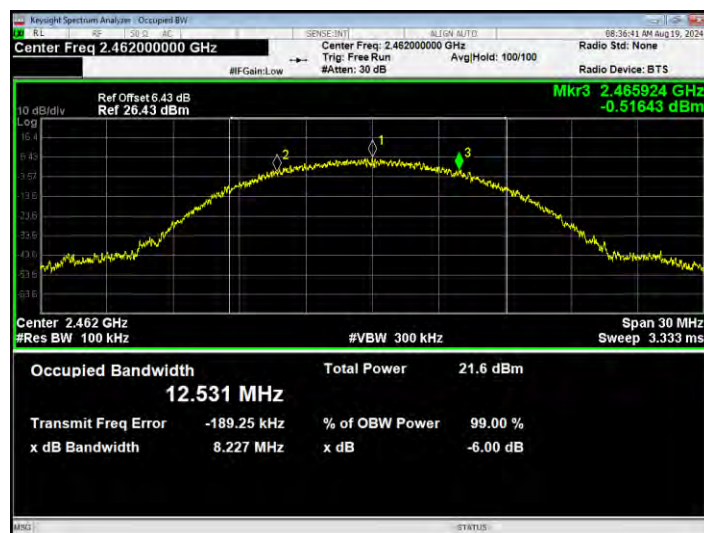
-6dB Bandwidth NVNT b 2412MHz Ant1



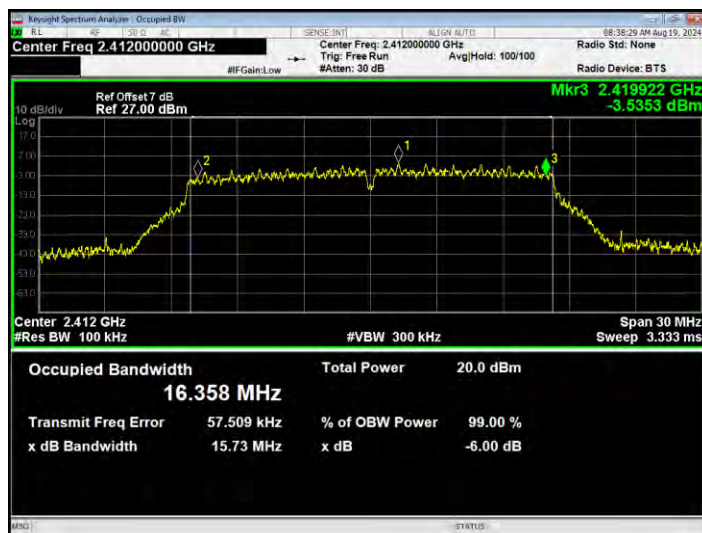
-6dB Bandwidth NVNT b 2437MHz Ant1



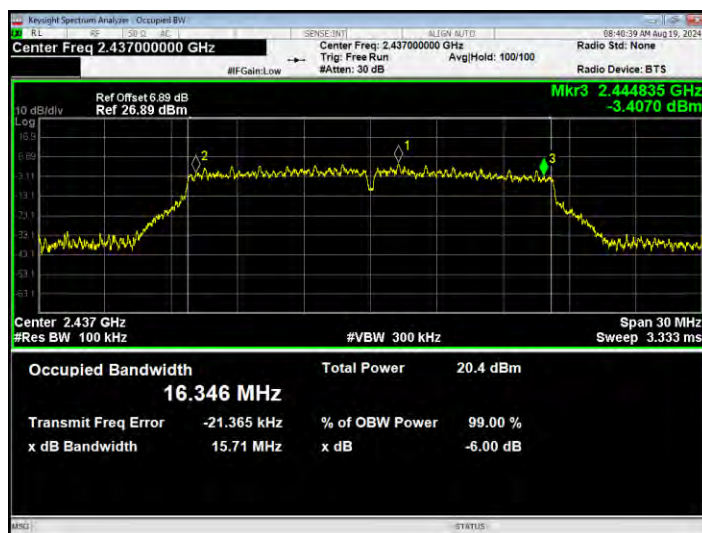
-6dB Bandwidth NVNT b 2462MHz Ant1



-6dB Bandwidth NVNT g 2412MHz Ant1



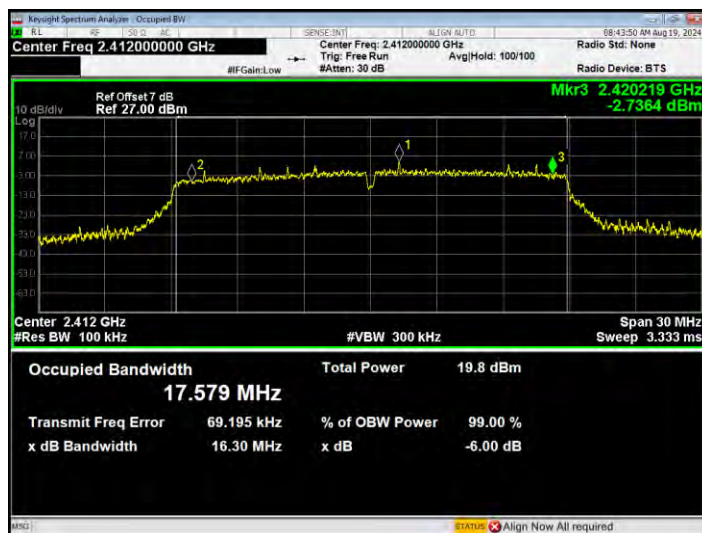
-6dB Bandwidth NVNT g 2437MHz Ant1



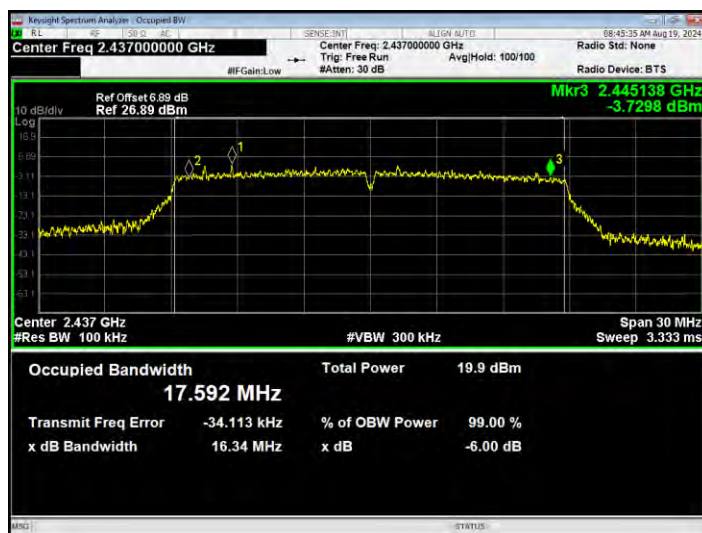
-6dB Bandwidth NVNT g 2462MHz Ant1



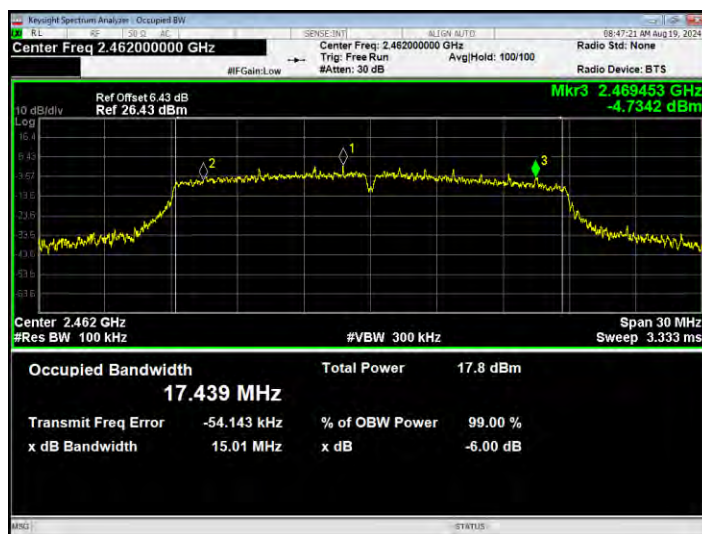
-6dB Bandwidth NVNT n20 2412MHz Ant1



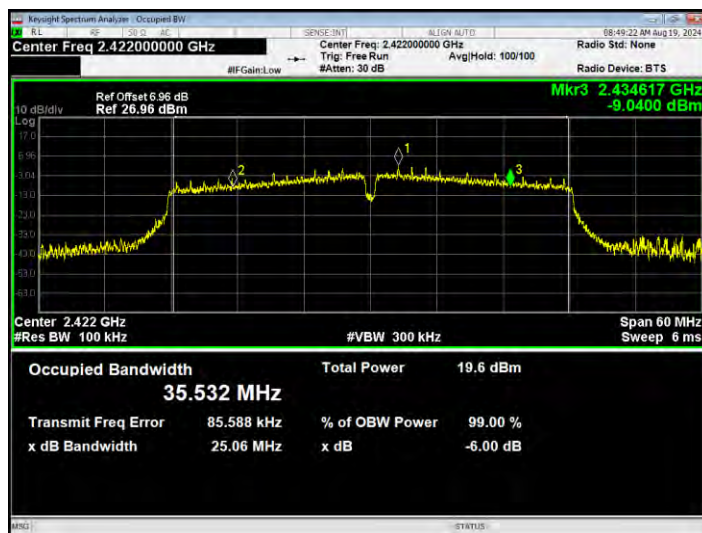
-6dB Bandwidth NVNT n20 2437MHz Ant1



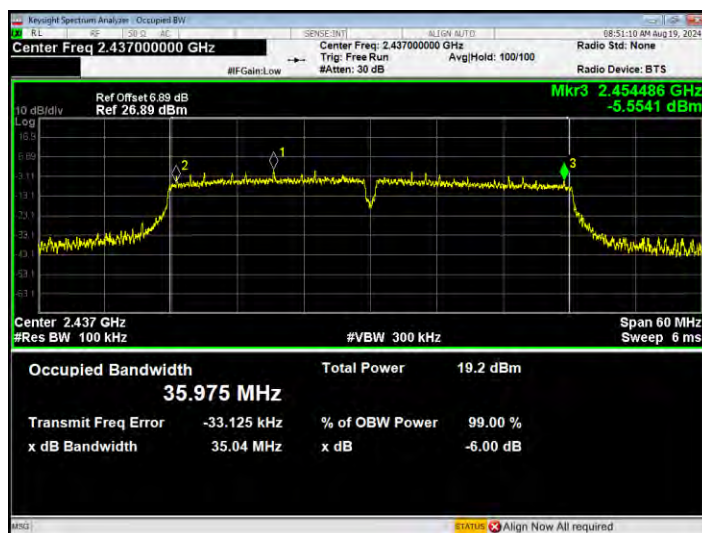
-6dB Bandwidth NVNT n20 2462MHz Ant1



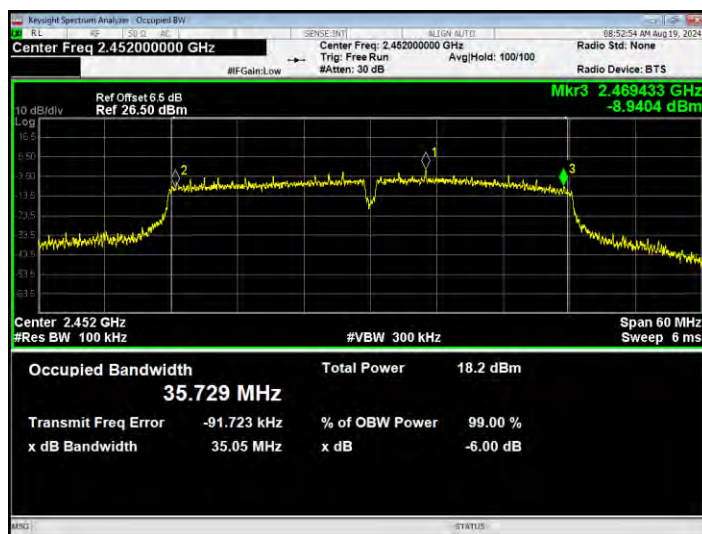
-6dB Bandwidth NVNT n40 2422MHz Ant1



-6dB Bandwidth NVNT n40 2437MHz Ant1



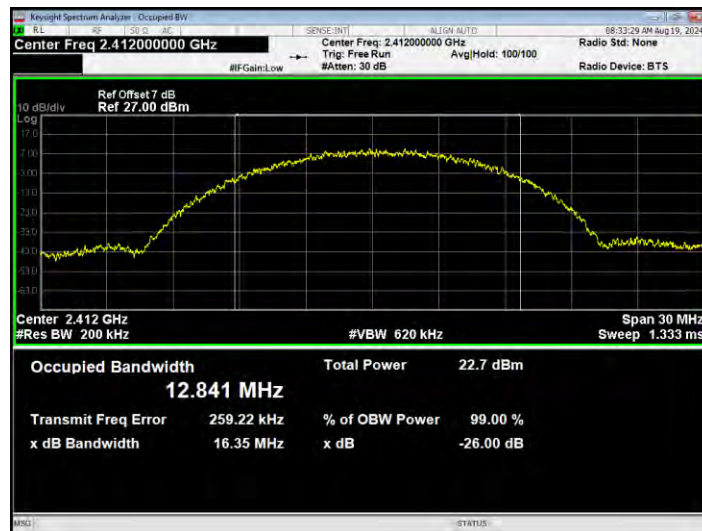
-6dB Bandwidth NVNT n40 2452MHz Ant1



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



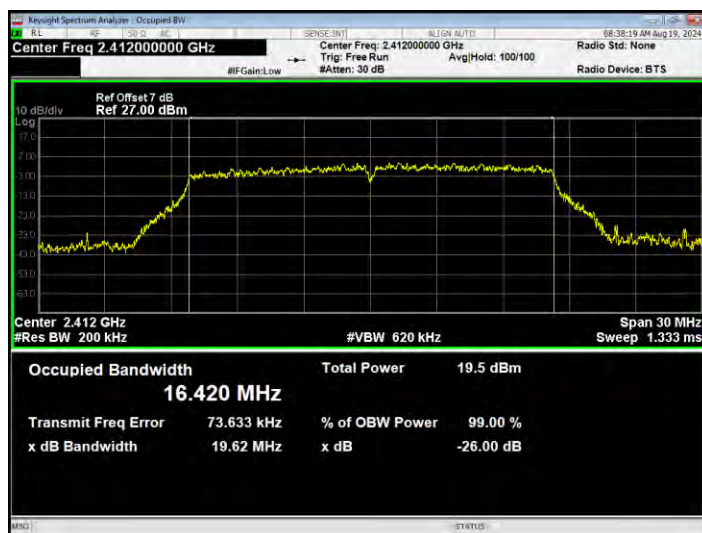
OBW NVNT b 2437MHz Ant1



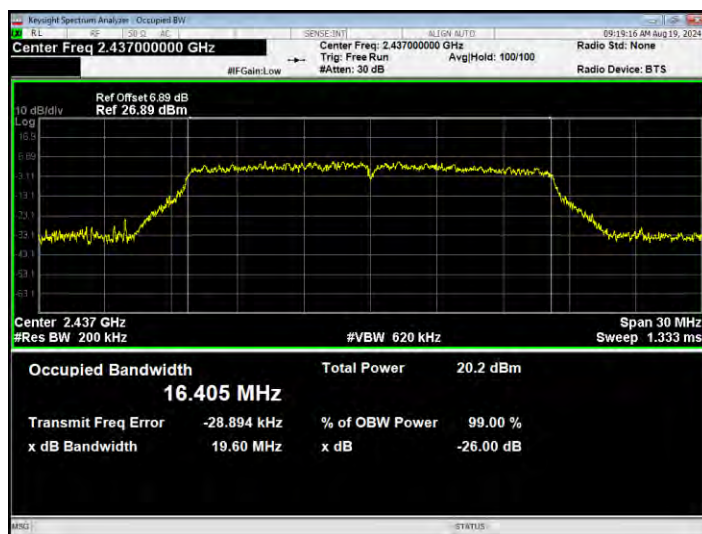
OBW NVNT b 2462MHz Ant1



OBW NVNT g 2412MHz Ant1



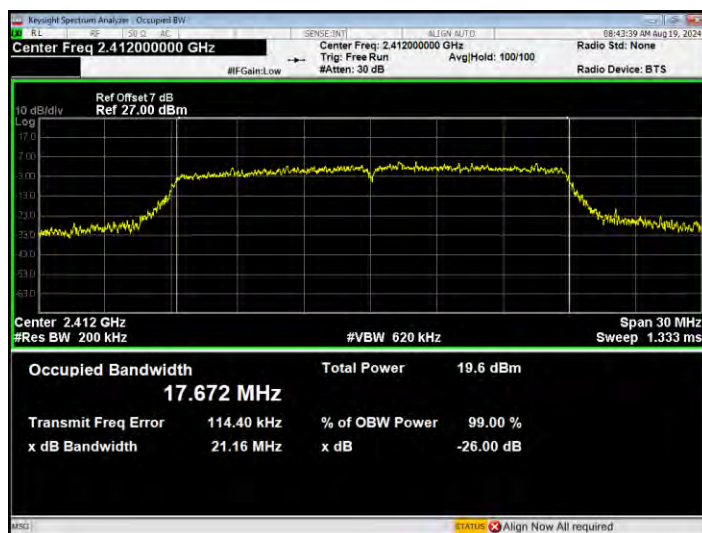
OBW NVNT g 2437MHz Ant1



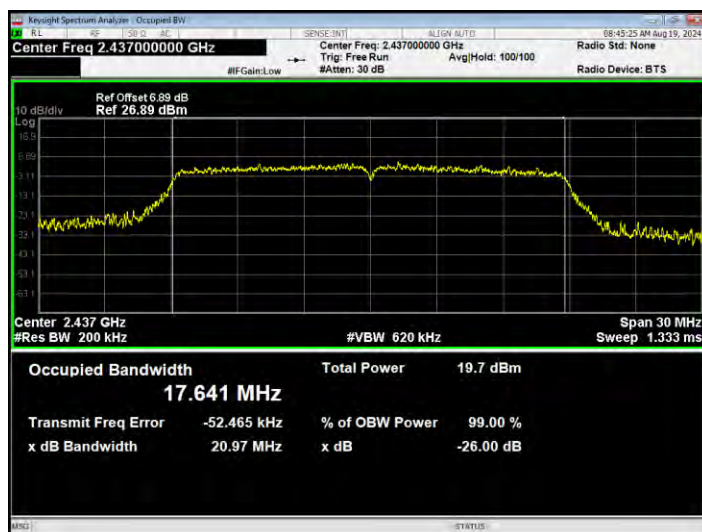
OBW NVNT g 2462MHz Ant1



OBW NVNT n20 2412MHz Ant1



OBW NVNT n20 2437MHz Ant1



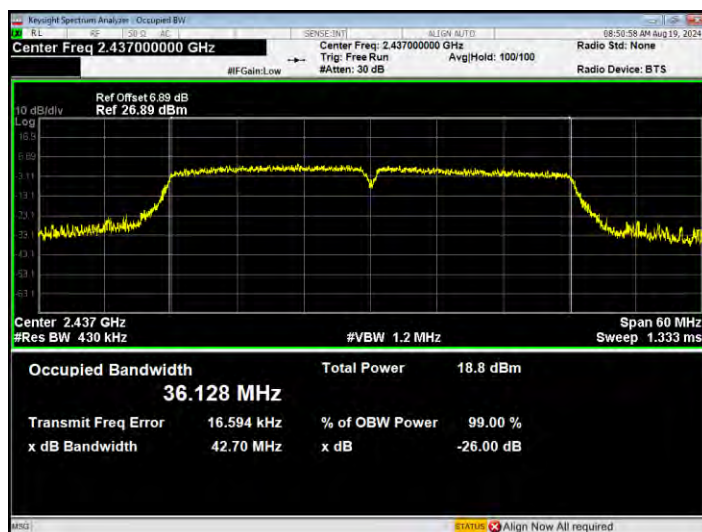
OBW NVNT n20 2462MHz Ant1



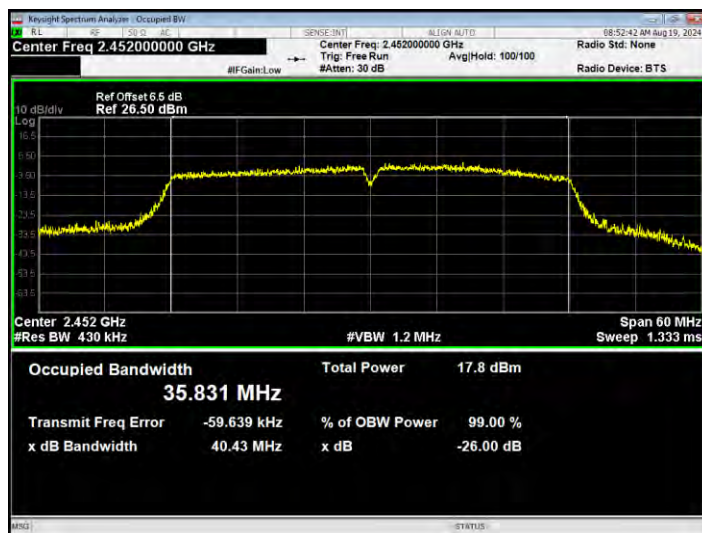
OBW NVNT n40 2422MHz Ant1



OBW NVNT n40 2437MHz Ant1



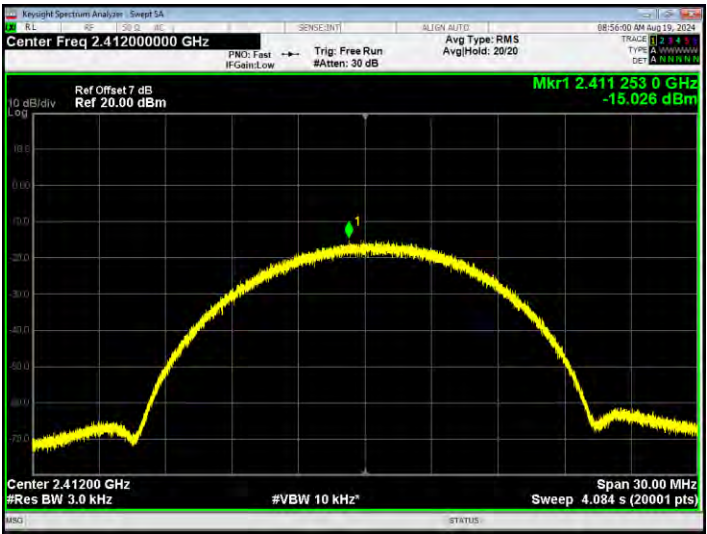
OBW NVNT n40 2452MHz Ant1



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

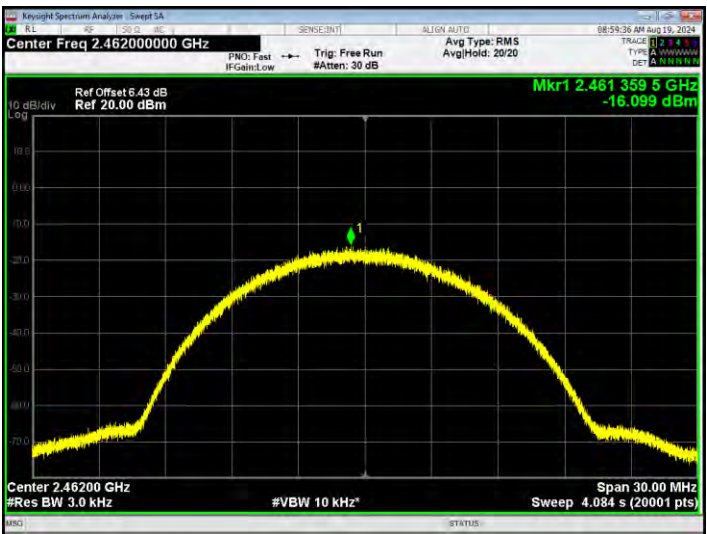
PSD NVNT b 2412MHz Ant1



PSD NVNT b 2437MHz Ant1



PSD NVNT b 2462MHz Ant1



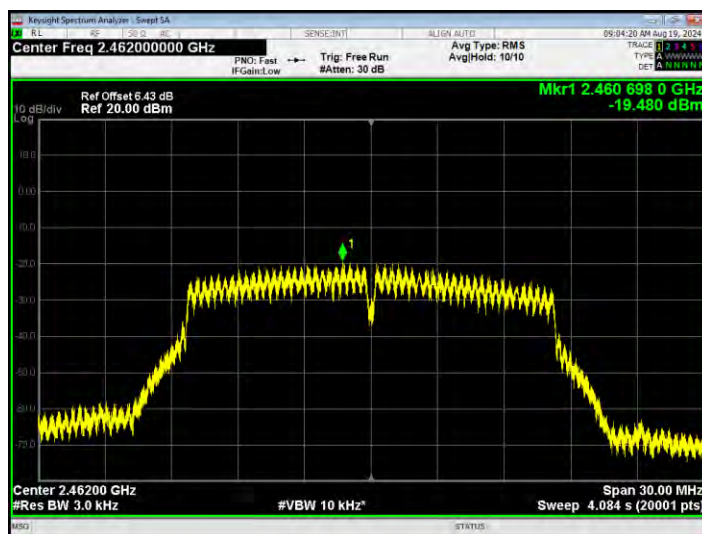
PSD NVNT g 2412MHz Ant1



PSD NVNT g 2437MHz Ant1



PSD NVNT g 2462MHz Ant1



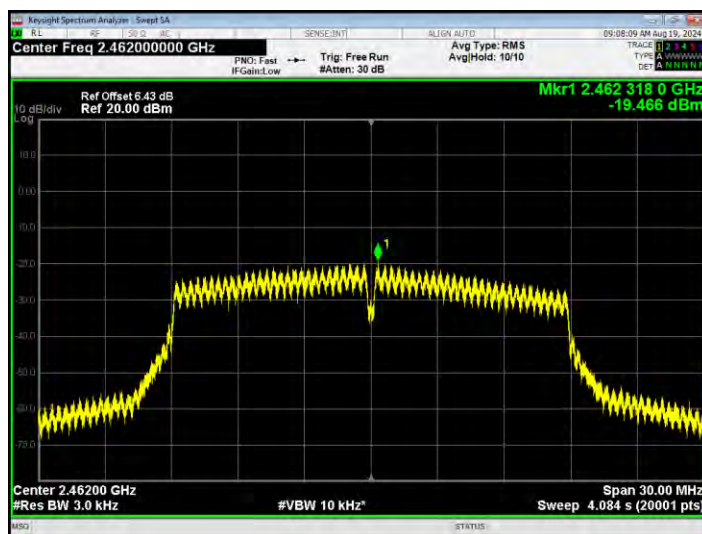
PSD NVNT n20 2412MHz Ant1



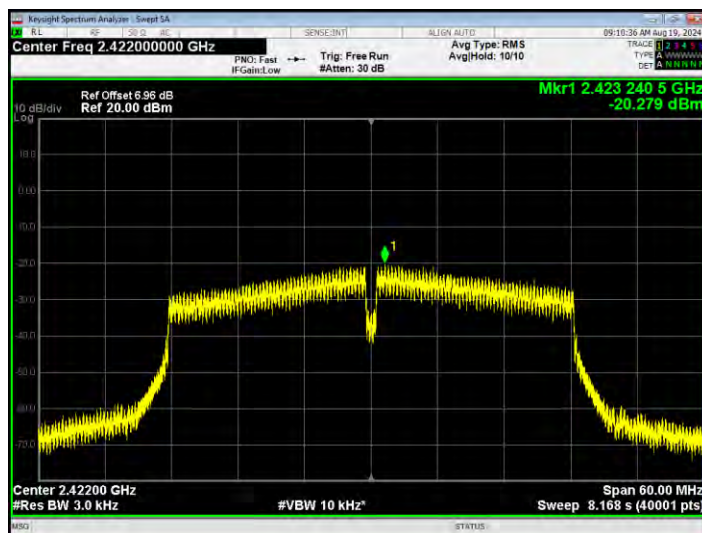
PSD NVNT n20 2437MHz Ant1



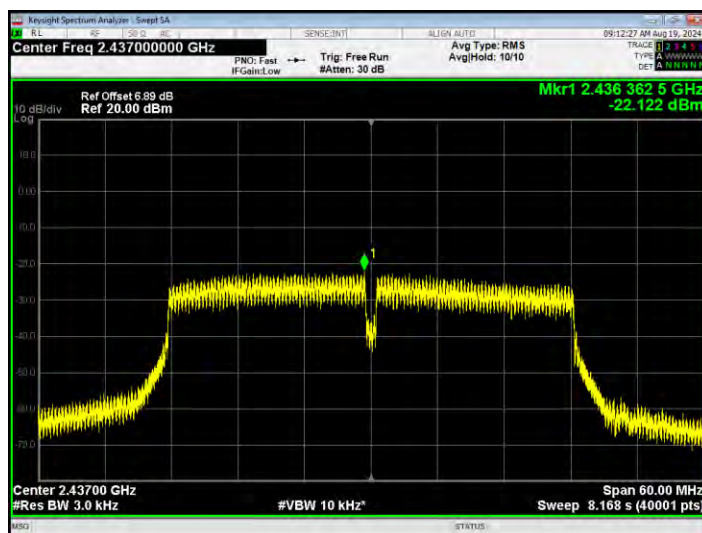
PSD NVNT n20 2462MHz Ant1



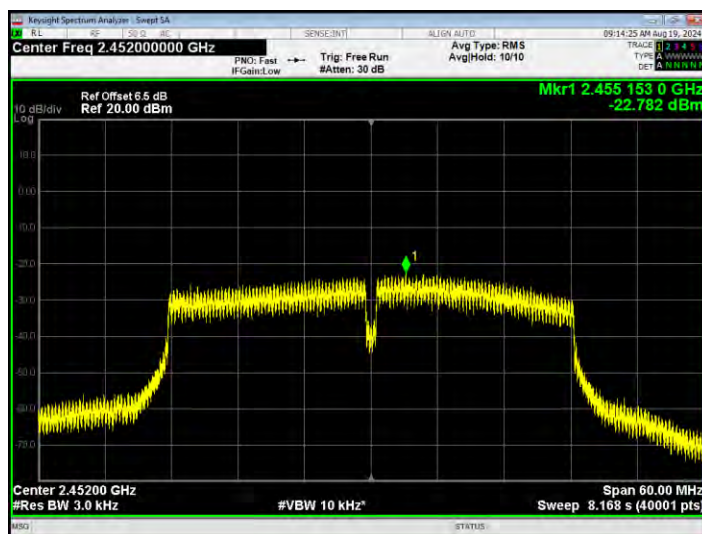
PSD NVNT n40 2422MHz Ant1



PSD NVNT n40 2437MHz Ant1



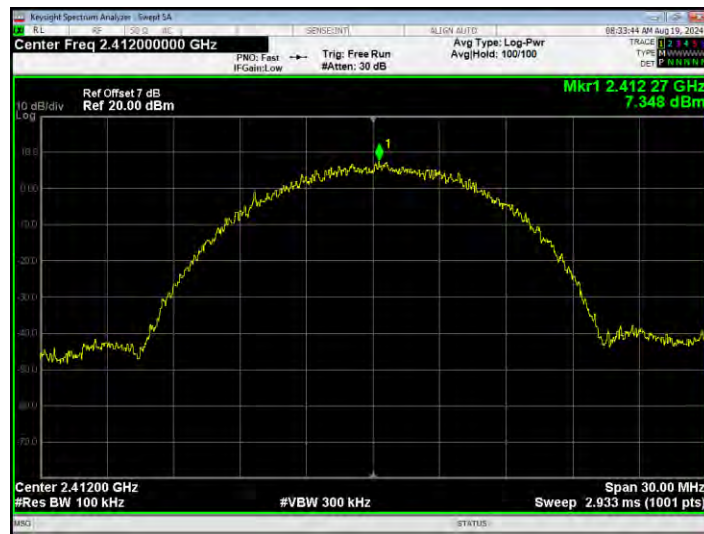
PSD NVNT n40 2452MHz Ant1



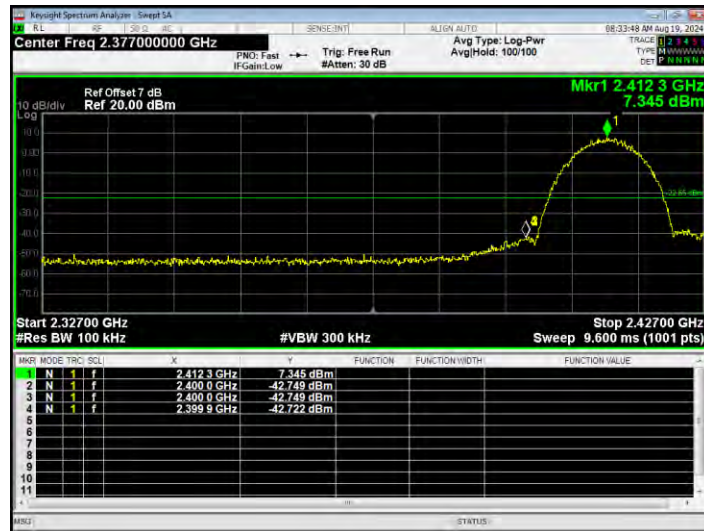
Band Edge

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



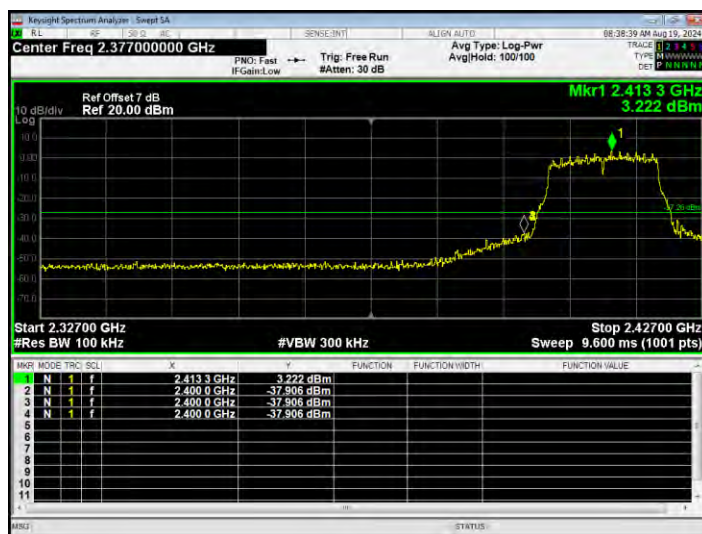
Band Edge NVNT b 2462MHz Ant1 Emission



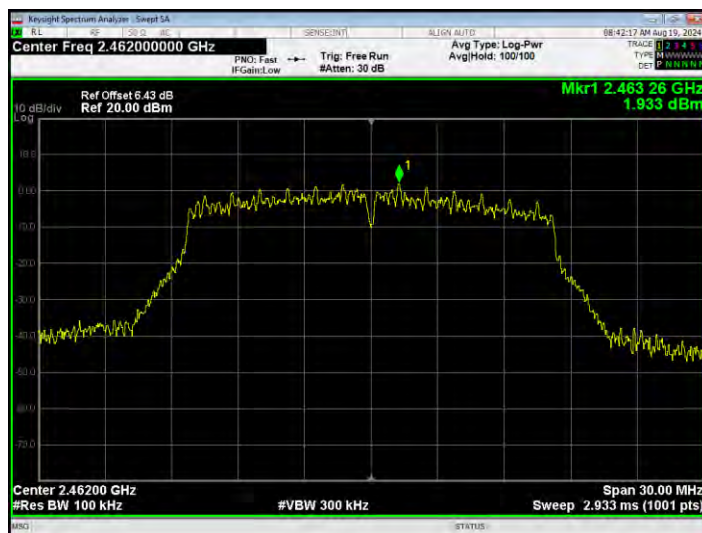
Band Edge NVNT g 2412MHz Ant1 Ref



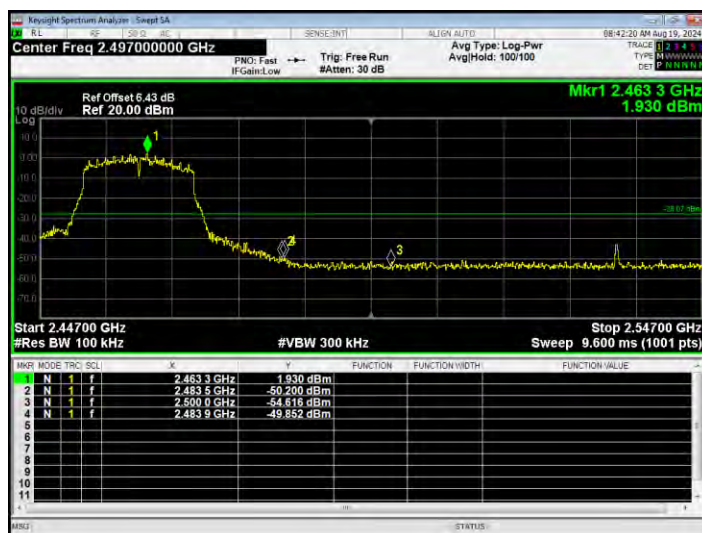
Band Edge NVNT g 2412MHz Ant1 Emission



Band Edge NVNT g 2462MHz Ant1 Ref



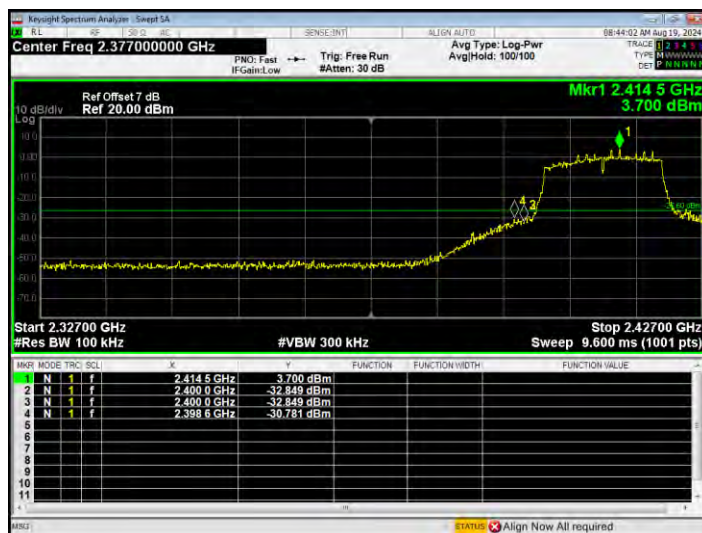
Band Edge NVNT g 2462MHz Ant1 Emission



Band Edge NVNT n20 2412MHz Ant1 Ref



Band Edge NVNT n20 2412MHz Ant1 Emission



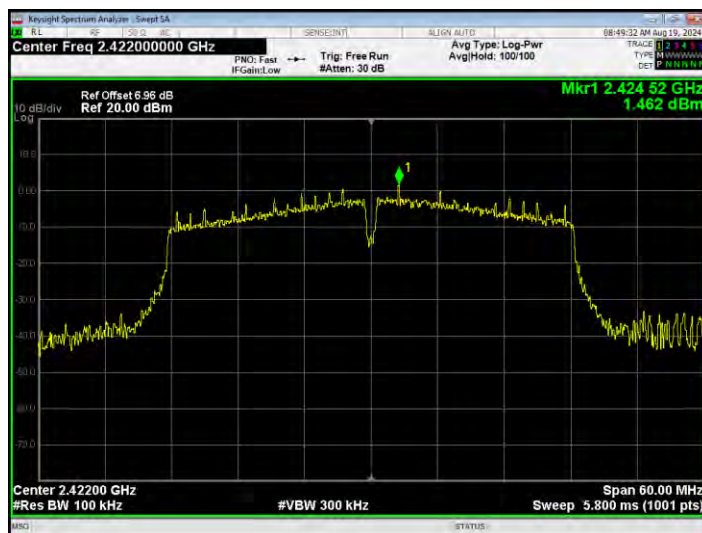
Band Edge NVNT n20 2462MHz Ant1 Ref



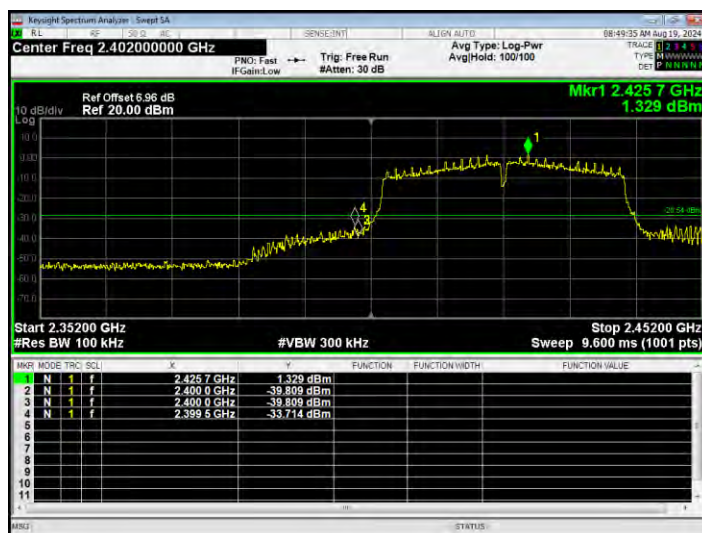
Band Edge NVNT n20 2462MHz Ant1 Emission



Band Edge NVNT n40 2422MHz Ant1 Ref



Band Edge NVNT n40 2422MHz Ant1 Emission



Band Edge NVNT n40 2452MHz Ant1 Ref



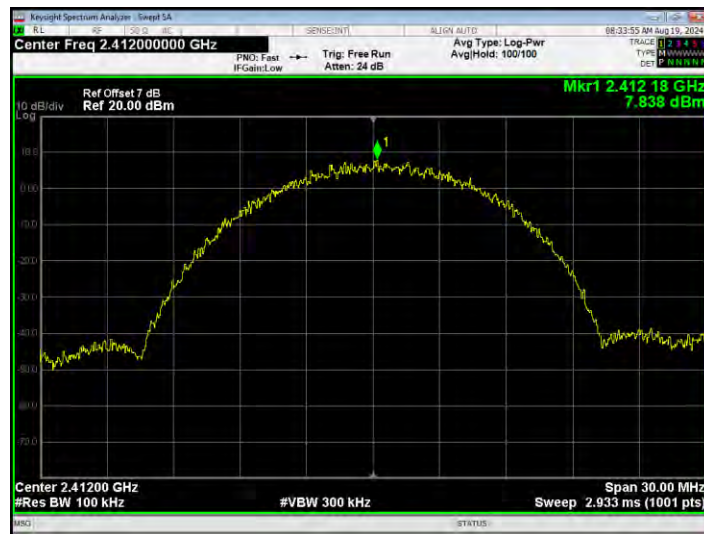
Band Edge NVNT n40 2452MHz Ant1 Emission



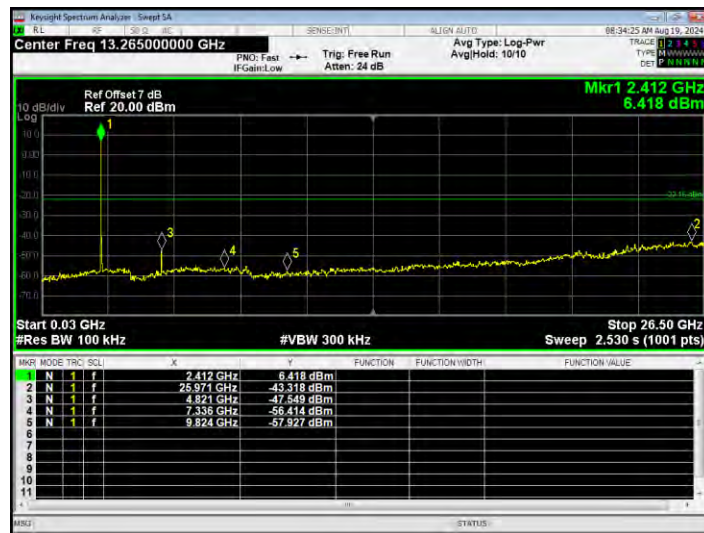
Conducted RF Spurious Emission

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

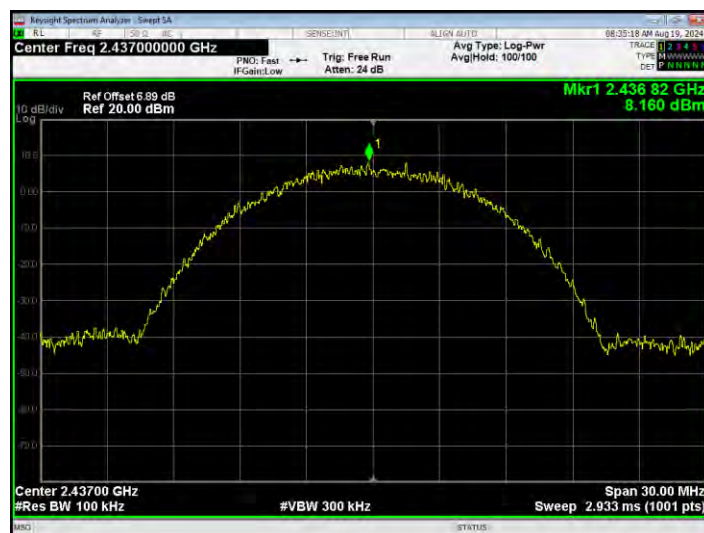
Tx. Spurious NVNT b 2412MHz Ant1 Ref



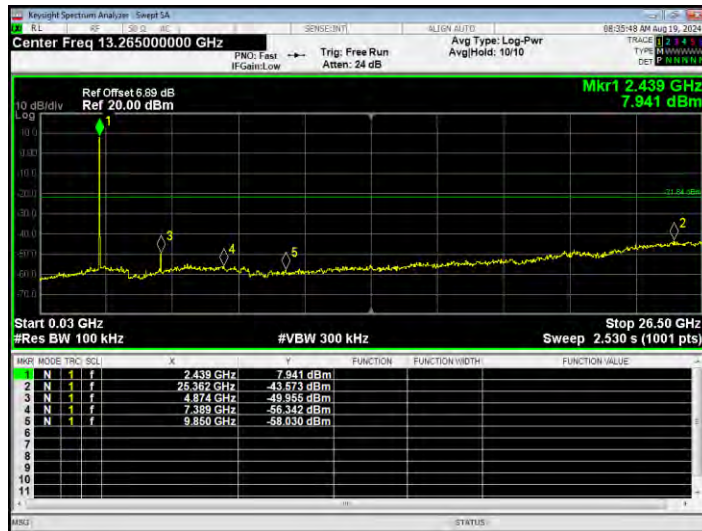
Tx. Spurious NVNT b 2412MHz Ant1 Emission



Tx. Spurious NVNT b 2437MHz Ant1 Ref



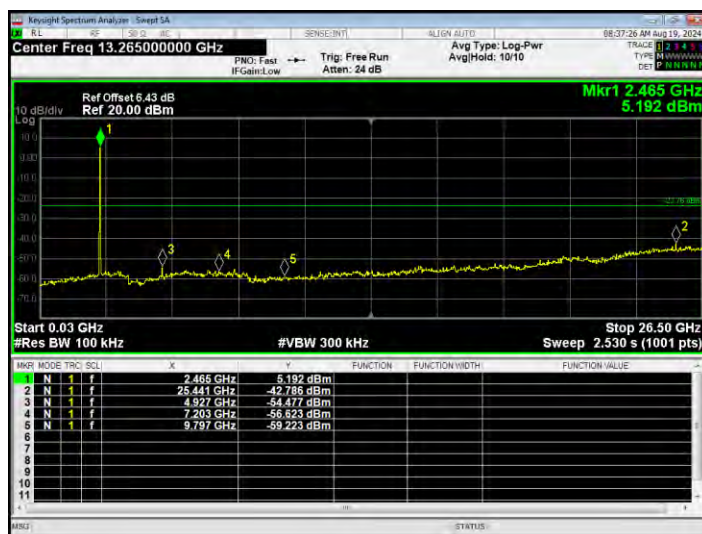
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Tx. Spurious NVNT b 2462MHz Ant1 Ref



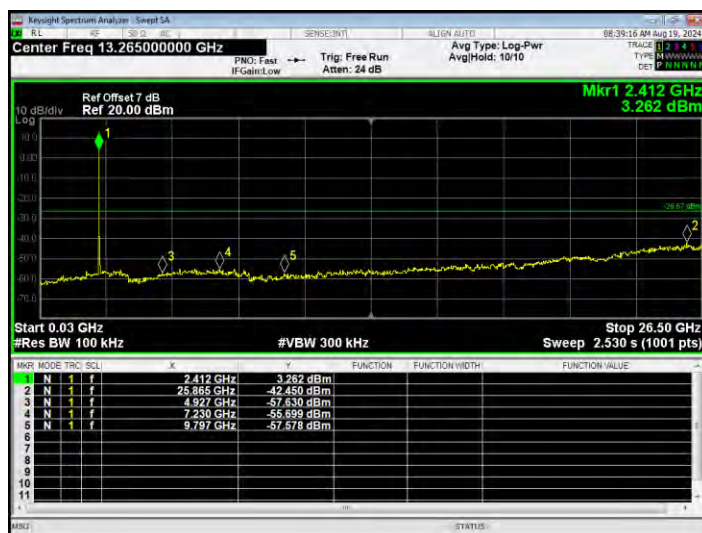
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Tx. Spurious NVNT g 2412MHz Ant1 Ref



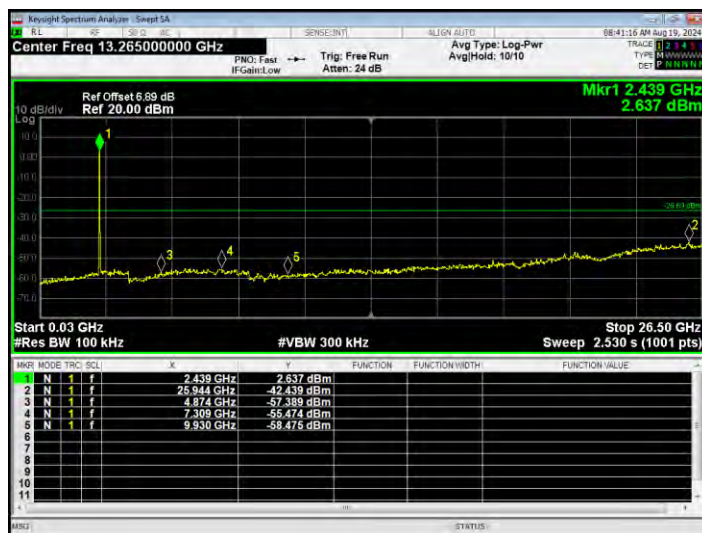
Tx. Spurious NVNT g 2412MHz Ant1 Emission



Tx. Spurious NVNT g 2437MHz Ant1 Ref



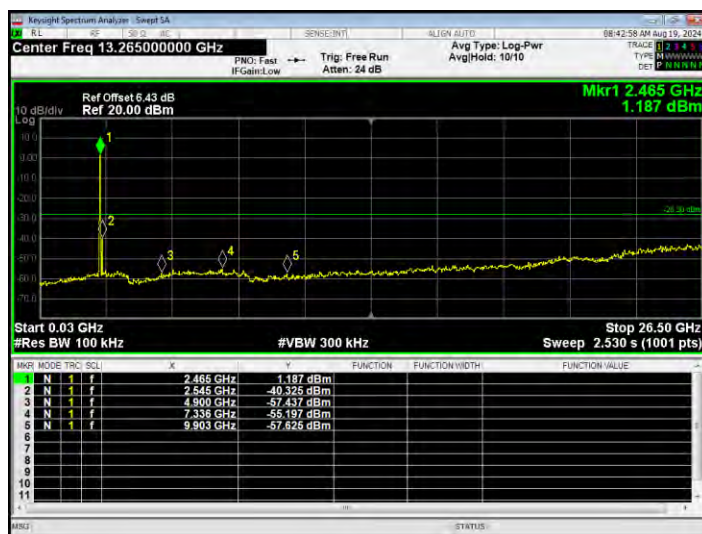
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Tx. Spurious NVNT g 2462MHz Ant1 Ref



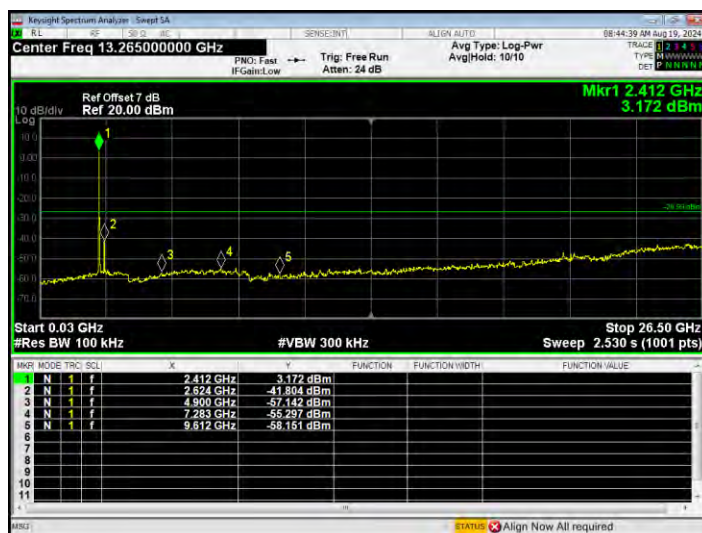
Tx. Spurious NVNT g 2462MHz Ant1 Emission



Tx. Spurious NVNT n20 2412MHz Ant1 Ref



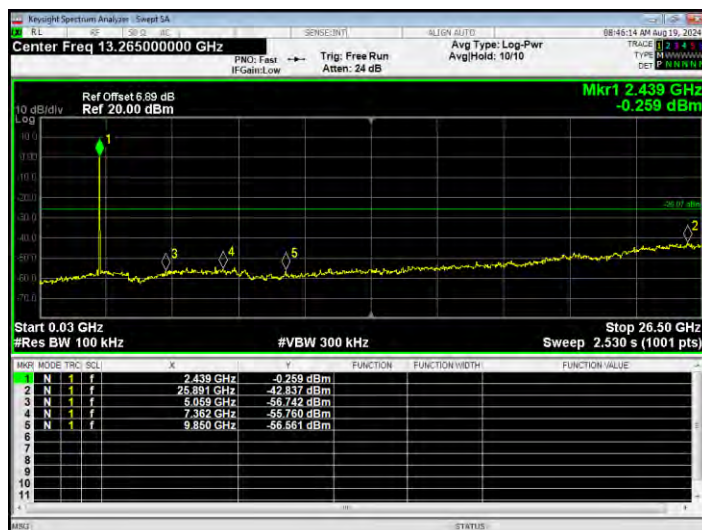
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Tx. Spurious NVNT n20 2437MHz Ant1 Ref



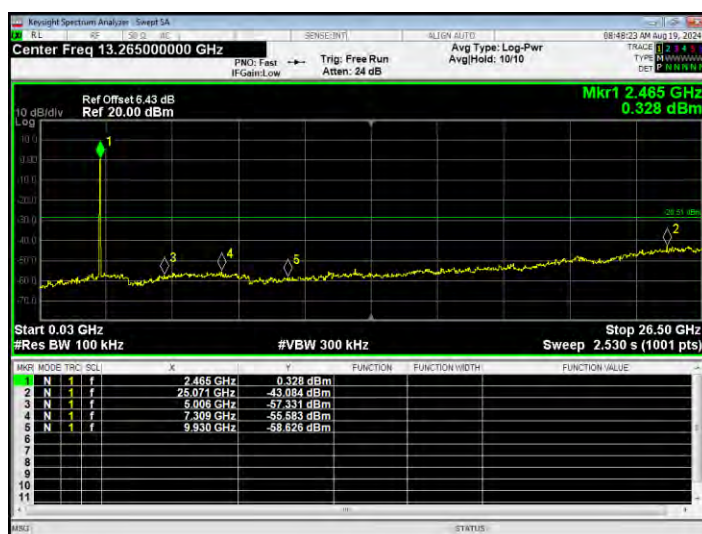
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Tx. Spurious NVNT n20 2462MHz Ant1 Ref



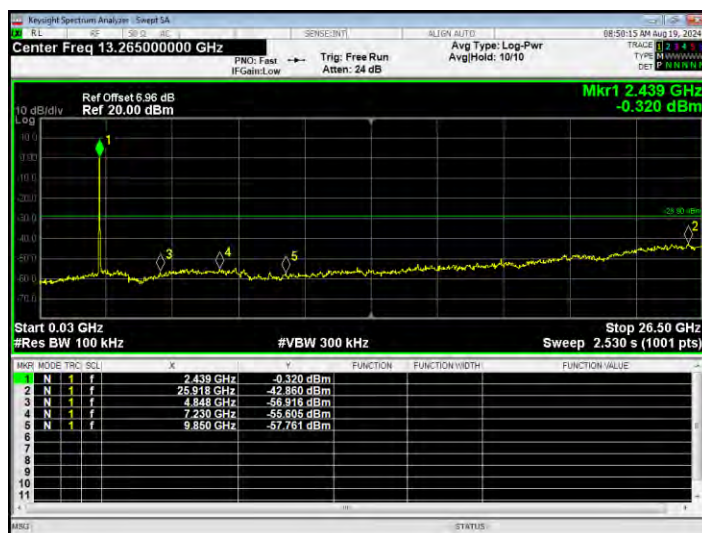
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Tx. Spurious NVNT n40 2422MHz Ant1 Ref



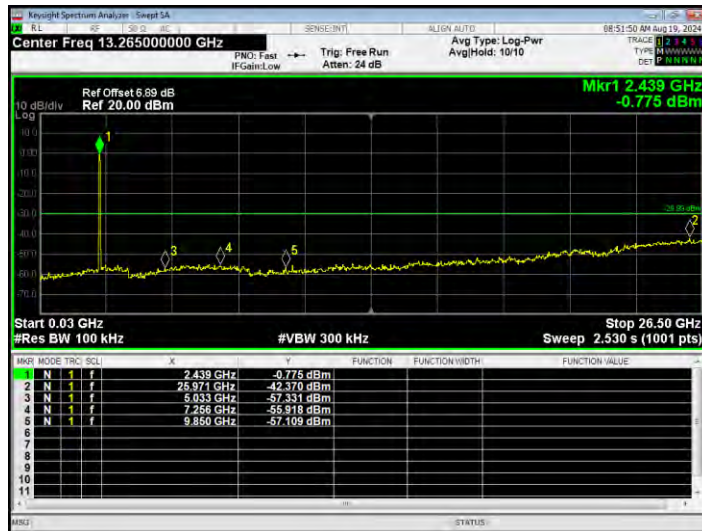
Tx. Spurious NVNT n40 2422MHz Ant1 Emission



Tx. Spurious NVNT n40 2437MHz Ant1 Ref



Tx. Spurious NVNT n40 2437MHz Ant1 Emission



Tx. Spurious NVNT n40 2452MHz Ant1 Ref



Tx. Spurious NVNT n40 2452MHz Ant1 Emission

