

ANNEX 1 TEST DATA

FCC ID: 2BR3I-FS210P

Applicant: Hunan Chuangke Photoelectric Co. LTD

Address: No.9 Factory Building, Electronic Information Manufacturing Base, No.199, Aviation Road, Wangcheng District, Changsha city, Hunan Province

Manufacturer: Hunan Chuangke Photoelectric Co. LTD

Address: No.9 Factory Building, Electronic Information Manufacturing Base, No.199, Aviation Road, Wangcheng District, Changsha city, Hunan Province

Product Name: Projector

Trade Mark: N/A

Model Number: FS210P
O1, O1Pro, O1Max, P10

Date of Receipt: Aug. 13, 2025

Test Date: Aug. 13, 2025 - Sep. 10, 2025

Date of Report: Sep. 10, 2025

Prepared By: Shenzhen DL Testing Technology Co., Ltd.

Address: 101-201, Comprehensive Building, Tongzhou Electronics Longgang Factory Area, No.1 Baolong Fifth Road, Baolong Community, Baolong Street, Longgang District, Shenzhen, China

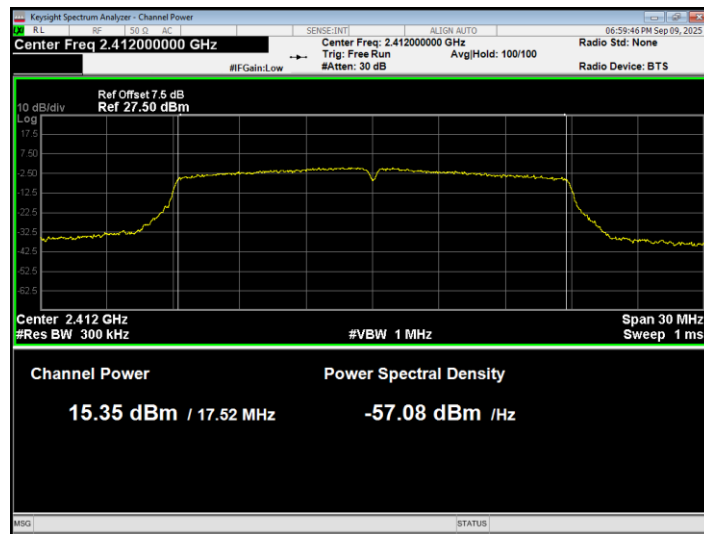
Applicable Standards: FCC PART 15 C 15.247
ANSI C63.10-2020

Test Result: Pass

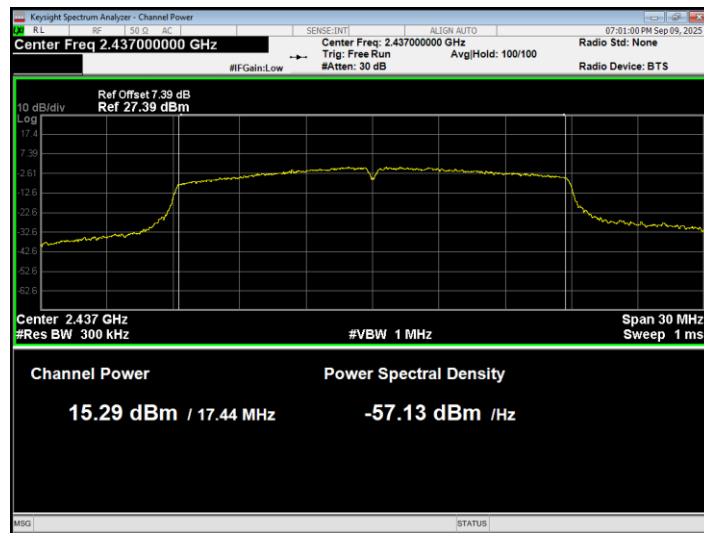
1. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	ax20	2412	Ant1	15.35	0.14	15.49	30	Pass
NVNT	ax20	2437	Ant1	15.29	0.14	15.43	30	Pass
NVNT	ax20	2462	Ant1	14.31	0.14	14.45	30	Pass
NVNT	ax40	2422	Ant1	14.13	0.27	14.40	30	Pass
NVNT	ax40	2437	Ant1	14.81	0.28	15.09	30	Pass
NVNT	ax40	2452	Ant1	14.35	0.28	14.63	30	Pass
NVNT	b	2412	Ant1	17.31	0.17	17.48	30	Pass
NVNT	b	2437	Ant1	17.16	0.16	17.32	30	Pass
NVNT	b	2462	Ant1	16.08	0.17	16.25	30	Pass
NVNT	g	2412	Ant1	14.10	0.92	15.02	30	Pass
NVNT	g	2437	Ant1	14.13	0.96	15.09	30	Pass
NVNT	g	2462	Ant1	12.89	0.92	13.81	30	Pass
NVNT	n20	2412	Ant1	15.25	0.14	15.39	30	Pass
NVNT	n20	2437	Ant1	15.00	0.14	15.14	30	Pass
NVNT	n20	2462	Ant1	14.20	0.14	14.34	30	Pass
NVNT	n40	2422	Ant1	14.14	0.29	14.43	30	Pass
NVNT	n40	2437	Ant1	14.82	0.27	15.09	30	Pass
NVNT	n40	2452	Ant1	14.31	0.27	14.58	30	Pass

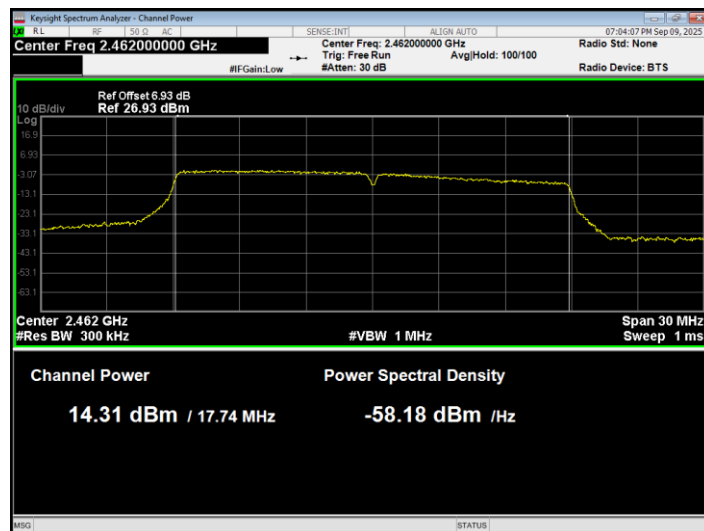
Power NVNT ax20 2412MHz Ant1



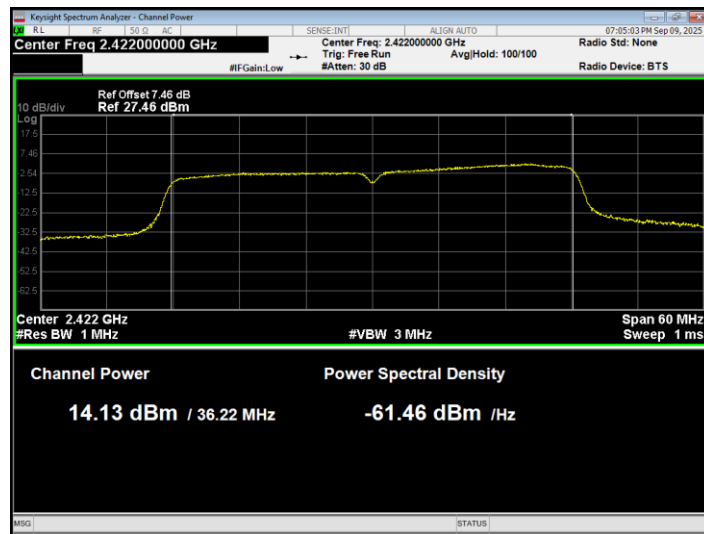
Power NVNT ax20 2437MHz Ant1



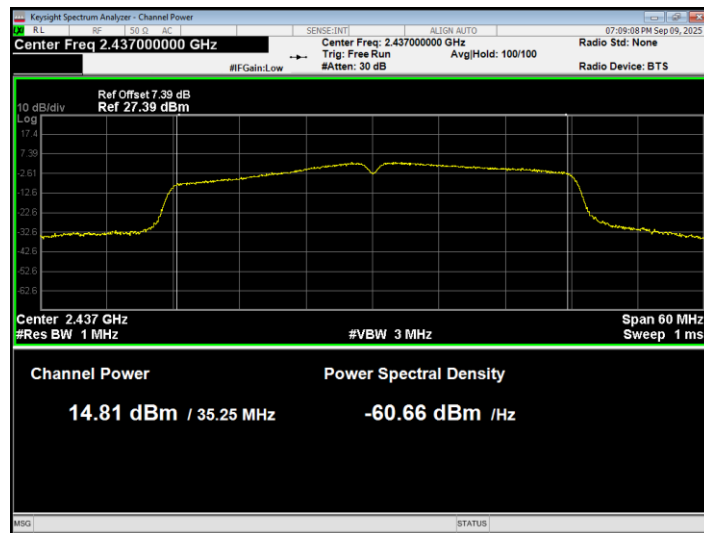
Power NVNT ax20 2462MHz Ant1



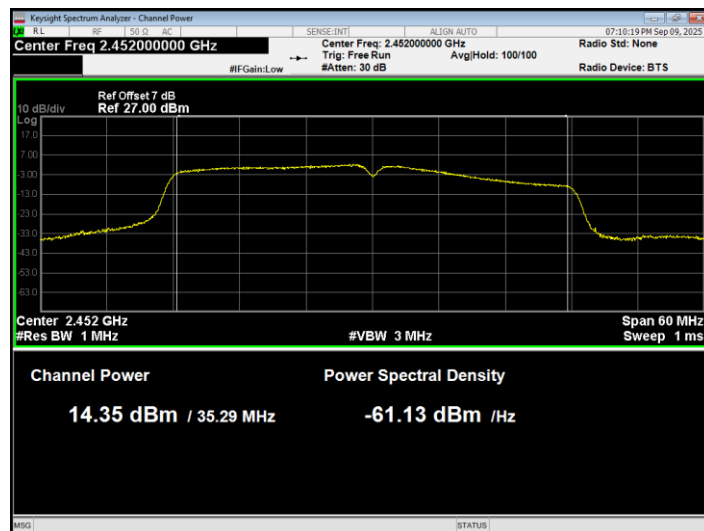
Power NVNT ax40 2422MHz Ant1



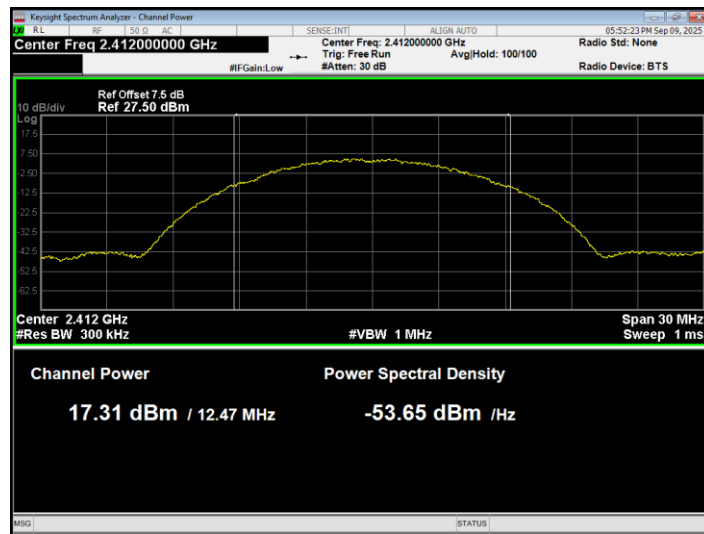
Power NVNT ax40 2437MHz Ant1



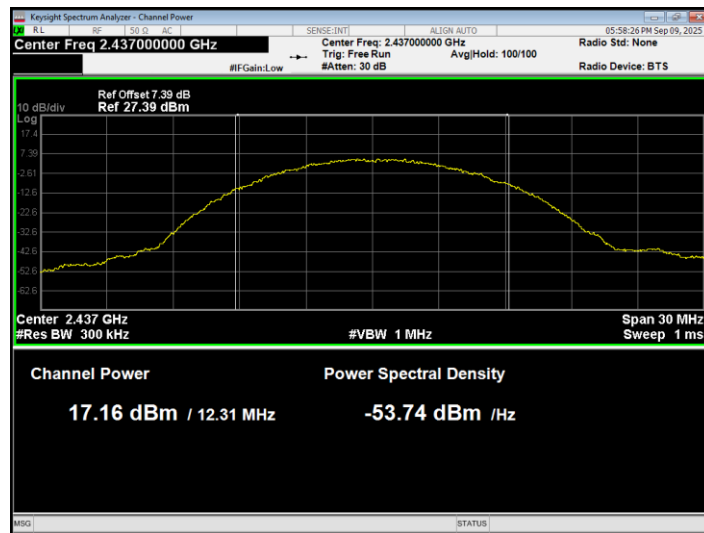
Power NVNT ax40 2452MHz Ant1



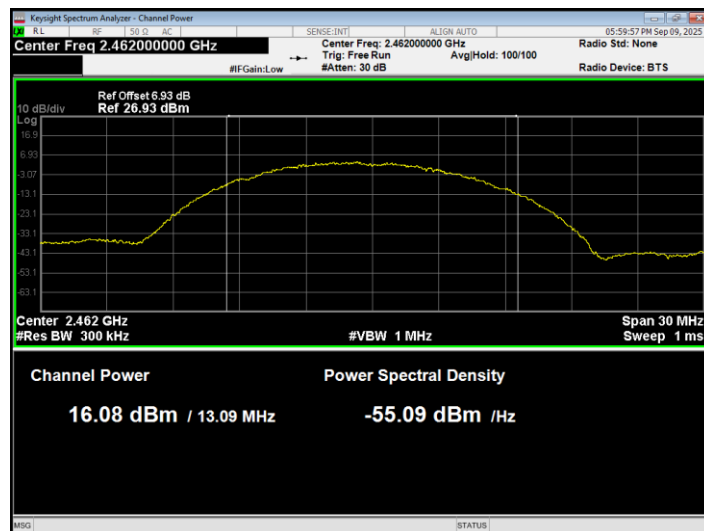
Power NVNT b 2412MHz Ant1



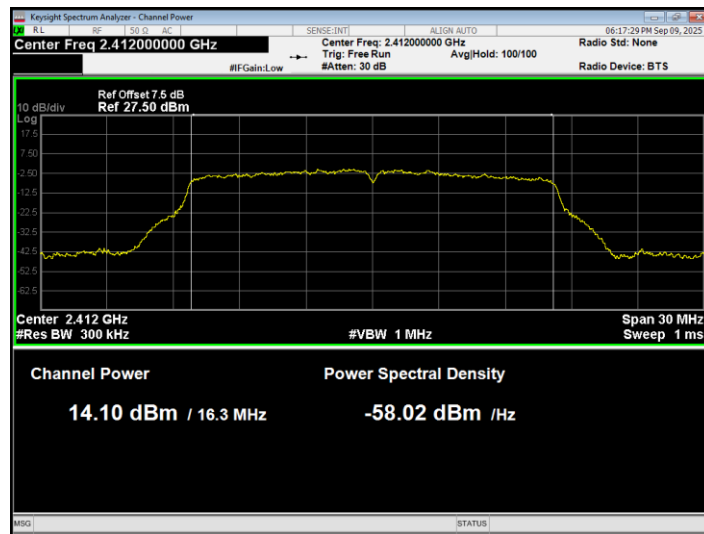
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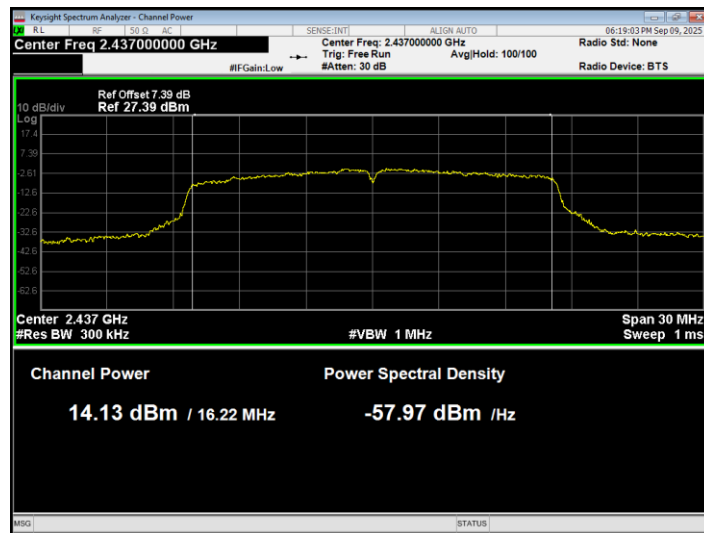
Power NVNT b 2462MHz Ant1



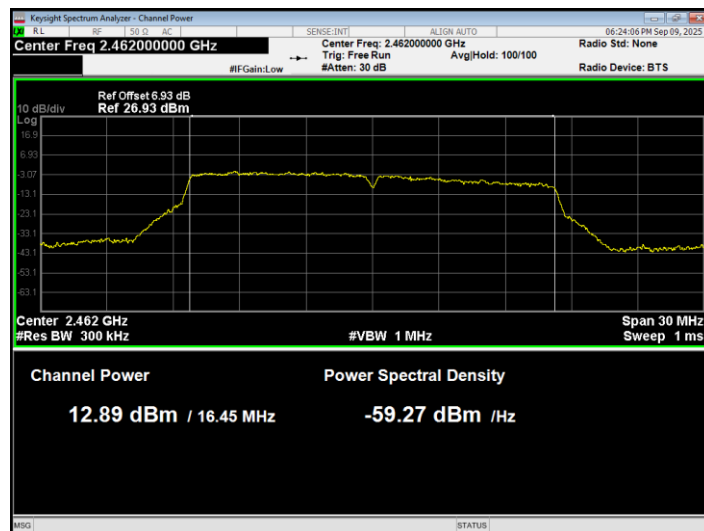
Power NVNT g 2412MHz Ant1



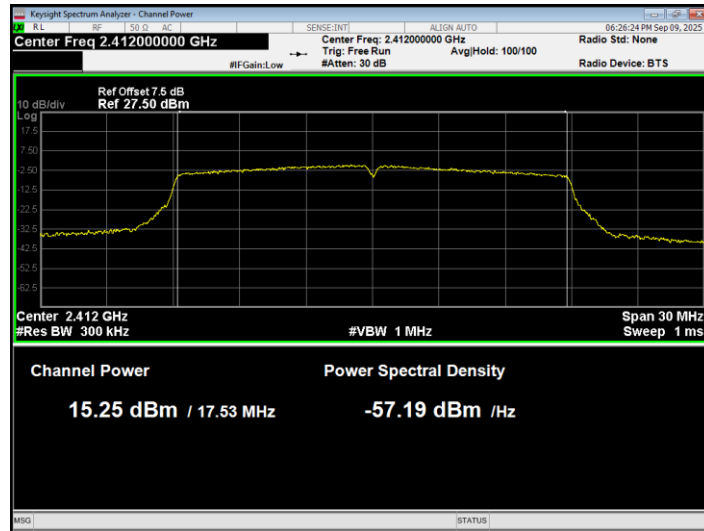
Power NVNT g 2437MHz Ant1



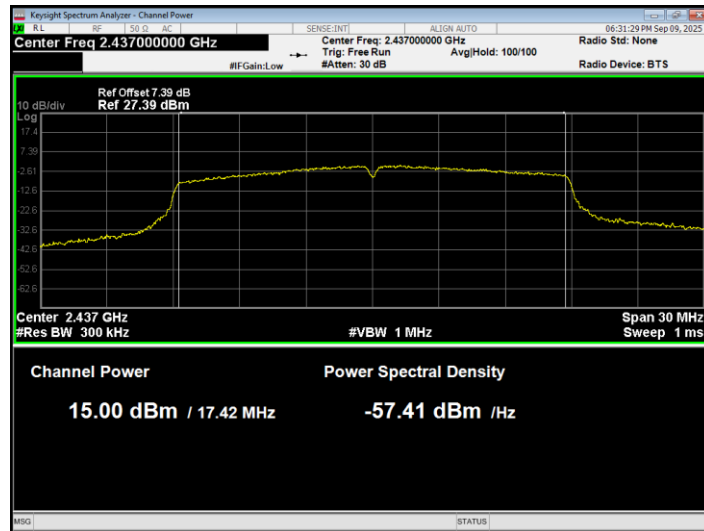
Power NVNT g 2462MHz Ant1



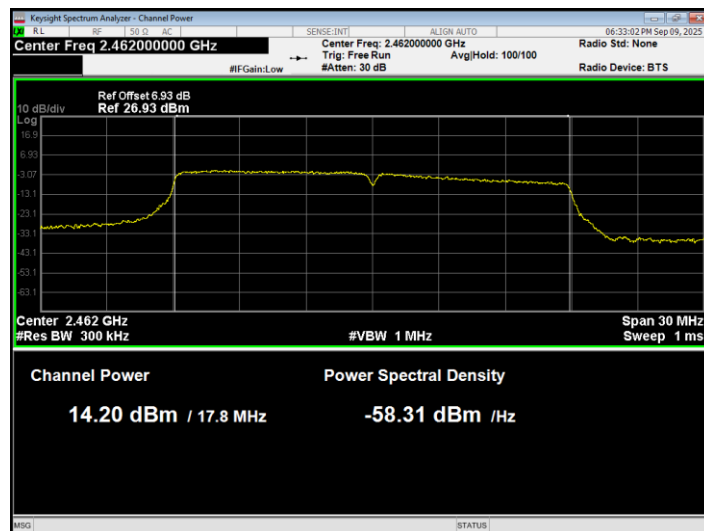
Power NVNT n20 2412MHz Ant1



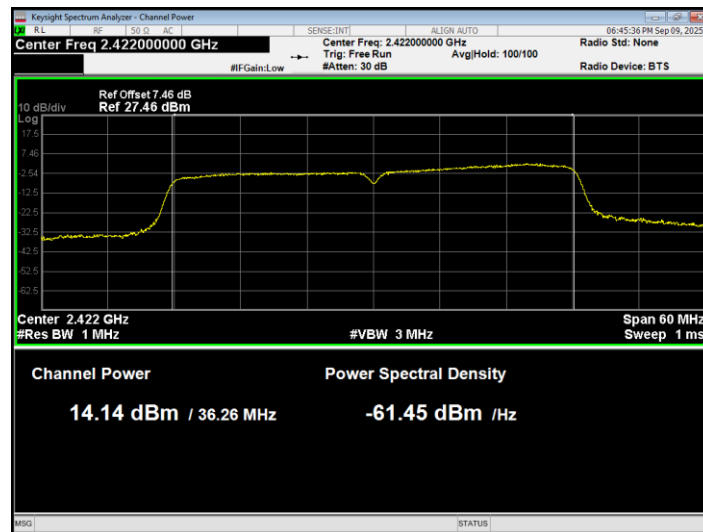
Power NVNT n20 2437MHz Ant1



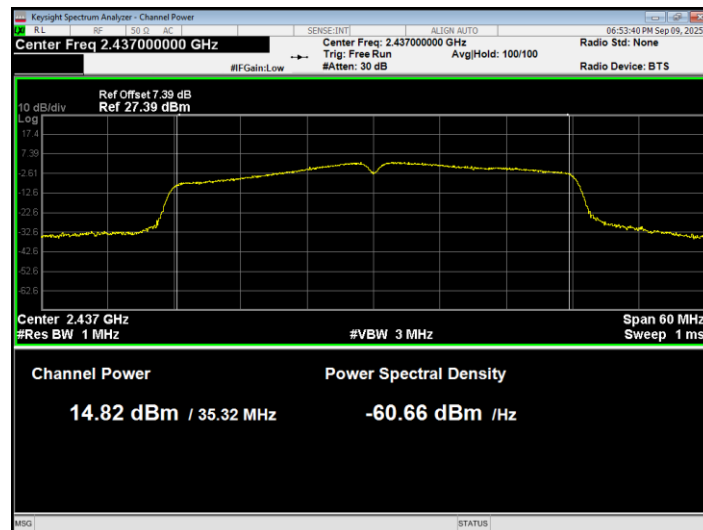
Power NVNT n20 2462MHz Ant1



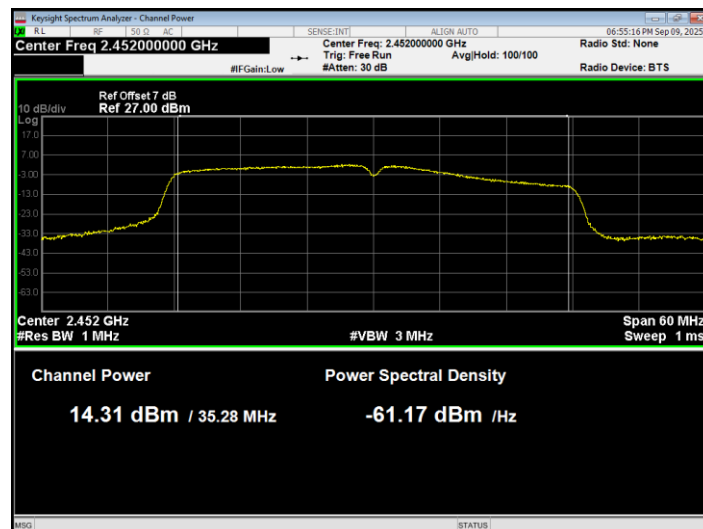
Power NVNT n40 2422MHz Ant1



Power NVNT n40 2437MHz Ant1



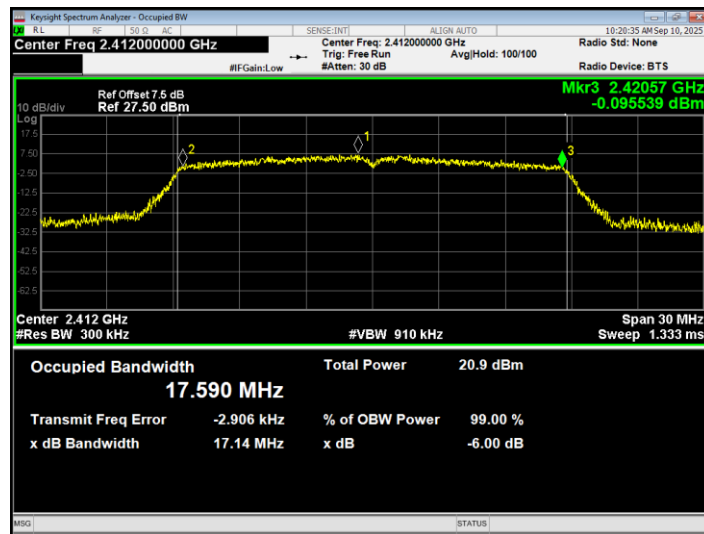
Power NVNT n40 2452MHz Ant1



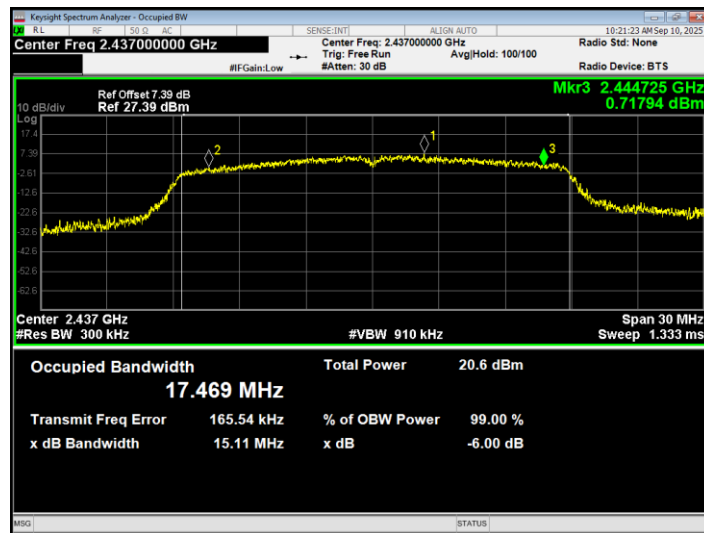
2. -6dB Bandwidth

3. Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	ax20	2412	Ant1	17.14	0.5	Pass
NVNT	ax20	2437	Ant1	15.11	0.5	Pass
NVNT	ax20	2462	Ant1	15.89	0.5	Pass
NVNT	ax40	2422	Ant1	34.2	0.5	Pass
NVNT	ax40	2437	Ant1	25.53	0.5	Pass
NVNT	ax40	2452	Ant1	26.33	0.5	Pass
NVNT	b	2412	Ant1	7.976	0.5	Pass
NVNT	b	2437	Ant1	7.5	0.5	Pass
NVNT	b	2462	Ant1	8.738	0.5	Pass
NVNT	g	2412	Ant1	15.21	0.5	Pass
NVNT	g	2437	Ant1	14.2	0.5	Pass
NVNT	g	2462	Ant1	13.72	0.5	Pass
NVNT	n20	2412	Ant1	17.14	0.5	Pass
NVNT	n20	2437	Ant1	14.66	0.5	Pass
NVNT	n20	2462	Ant1	15.78	0.5	Pass
NVNT	n40	2422	Ant1	32.47	0.5	Pass
NVNT	n40	2437	Ant1	26.83	0.5	Pass
NVNT	n40	2452	Ant1	25.93	0.5	Pass

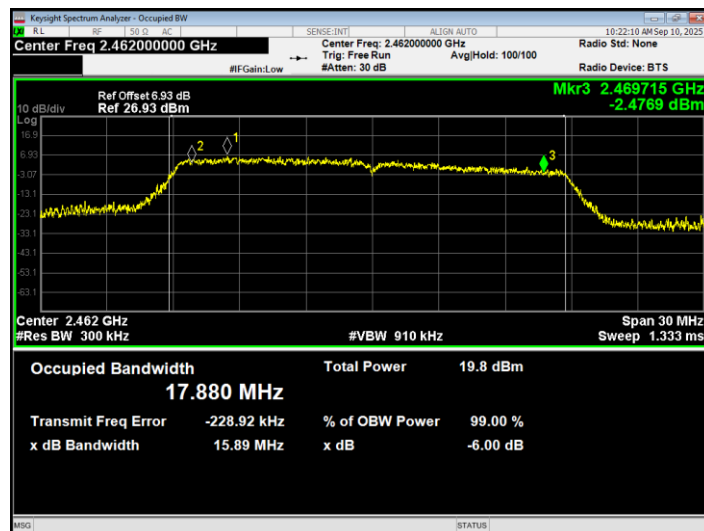
-6dB Bandwidth NVNT ax20 2412MHz Ant1



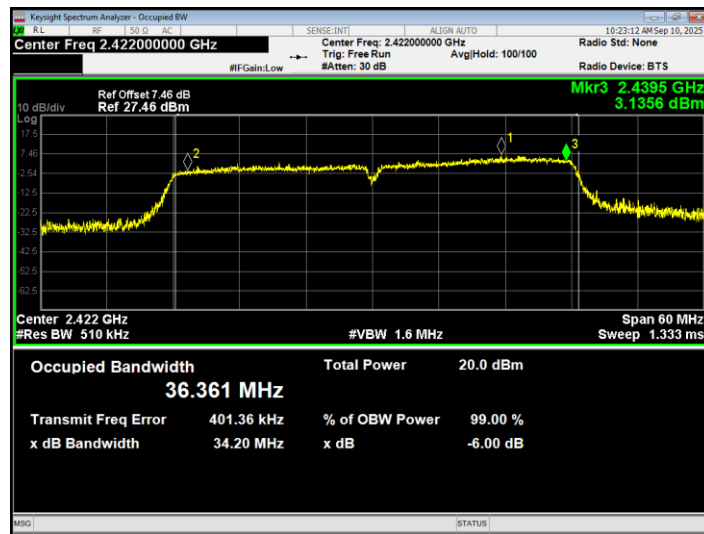
-6dB Bandwidth NVNT ax20 2437MHz Ant1



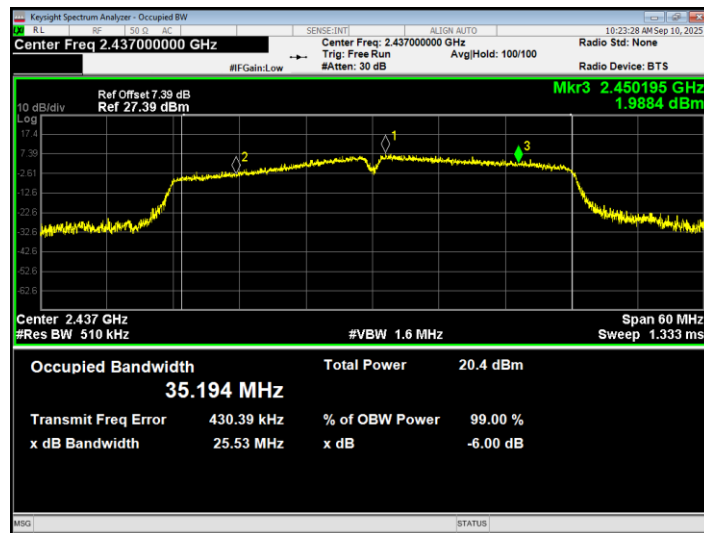
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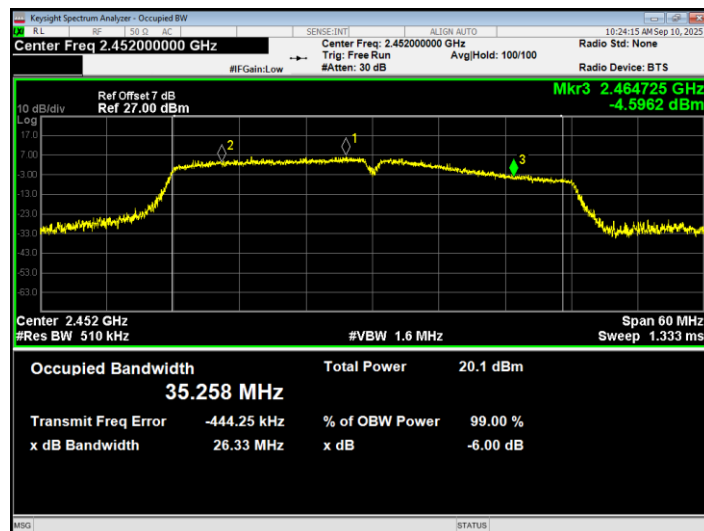
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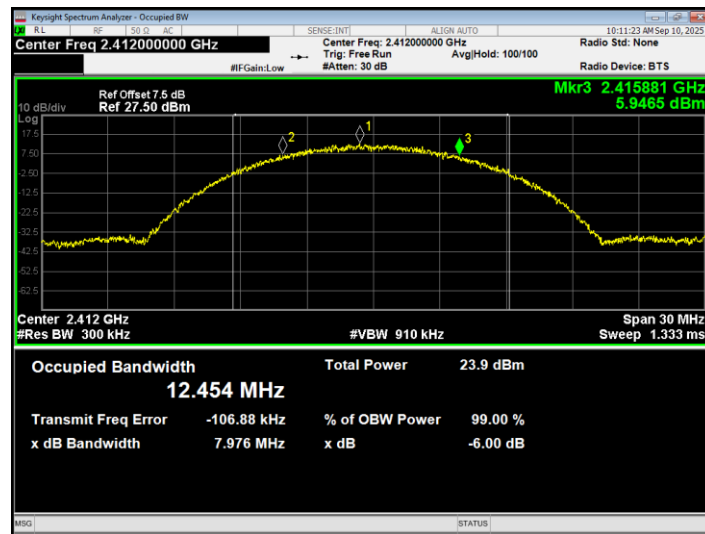
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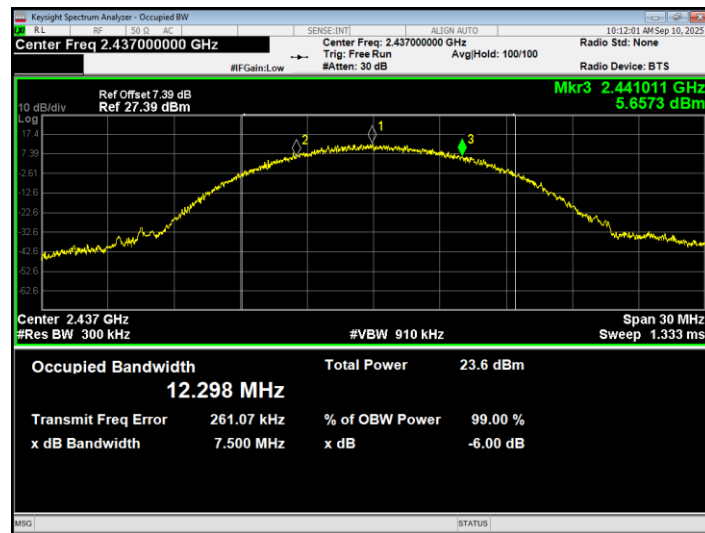
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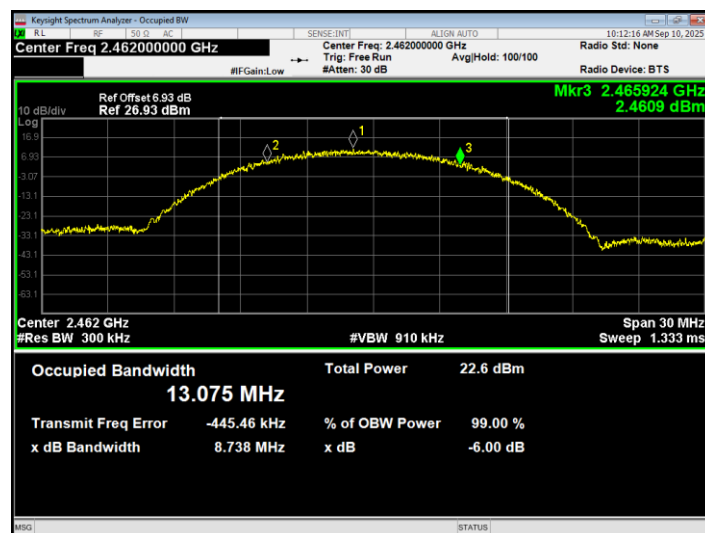
-6dB Bandwidth NVNT b 2412MHz Ant1



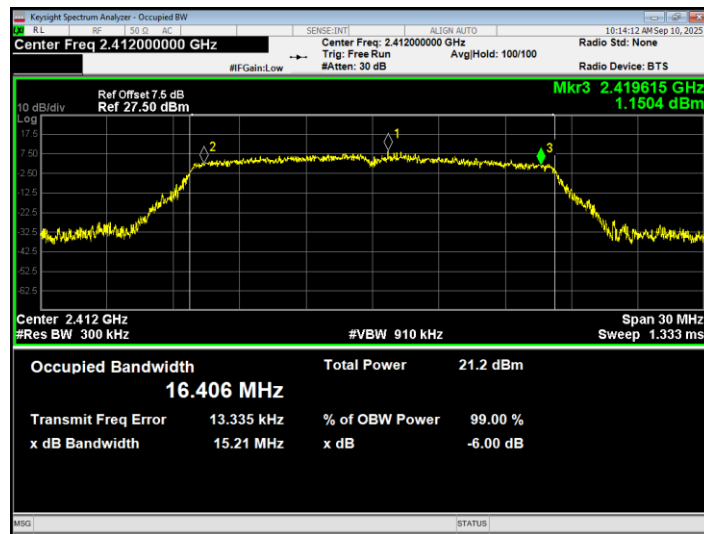
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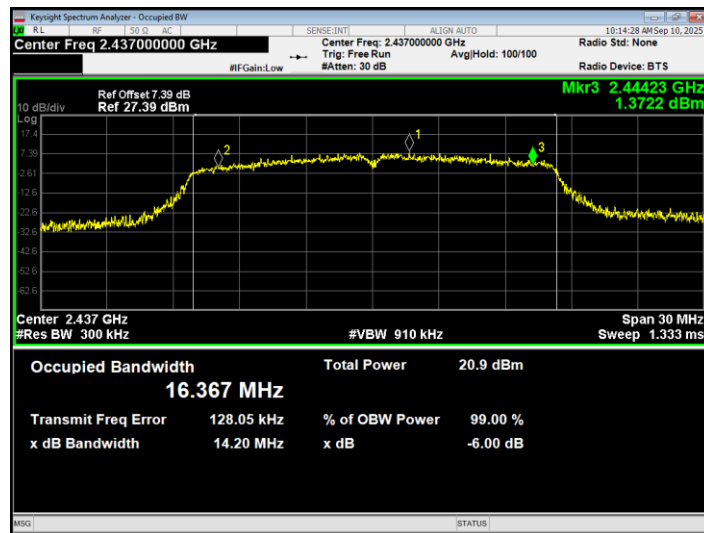
-6dB Bandwidth NVNT b 2462MHz Ant1



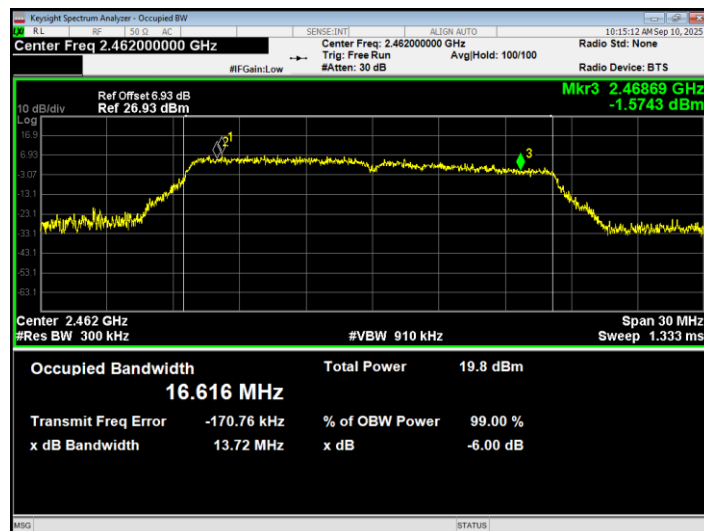
-6dB Bandwidth NVNT g 2412MHz Ant1



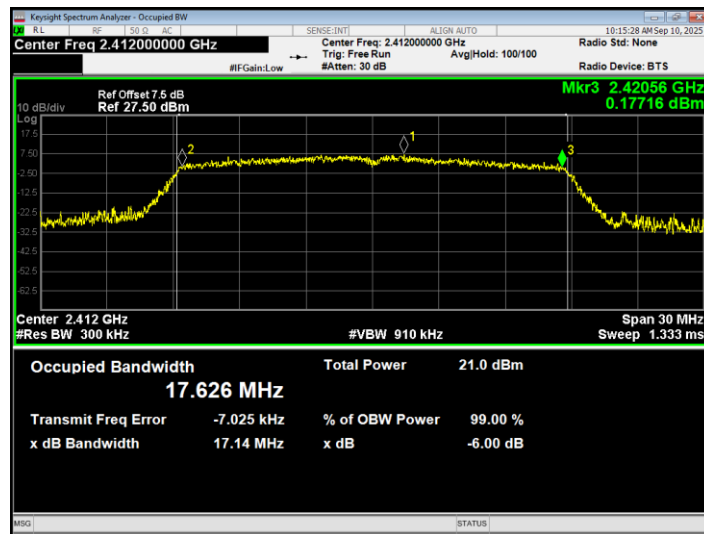
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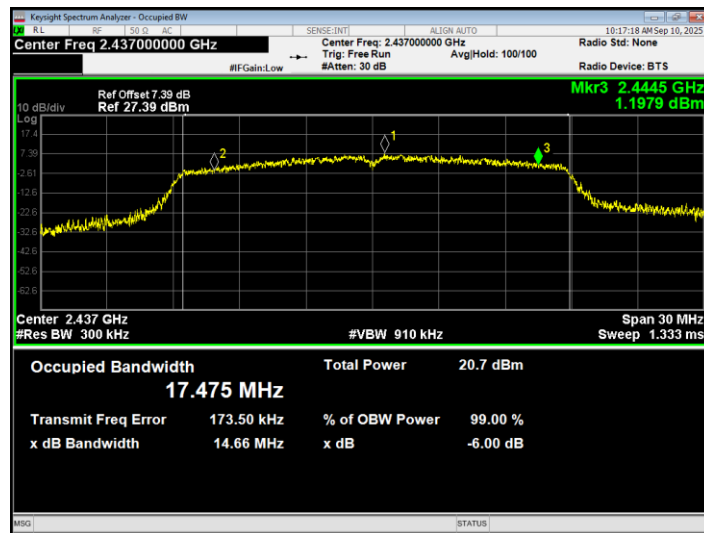
-6dB Bandwidth NVNT g 2462MHz Ant1



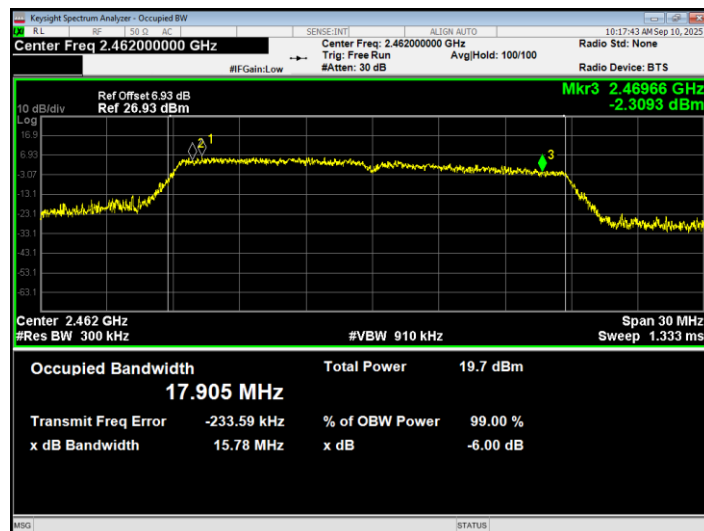
-6dB Bandwidth NVNT n20 2412MHz Ant1



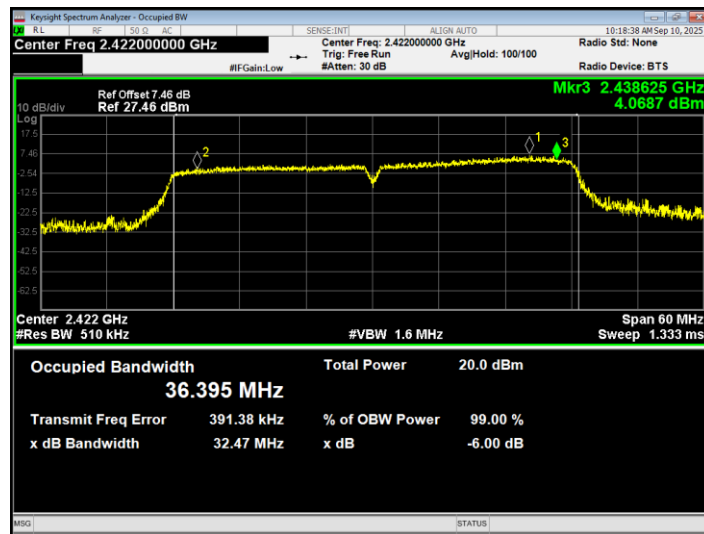
-6dB Bandwidth NVNT n20 2437MHz Ant1



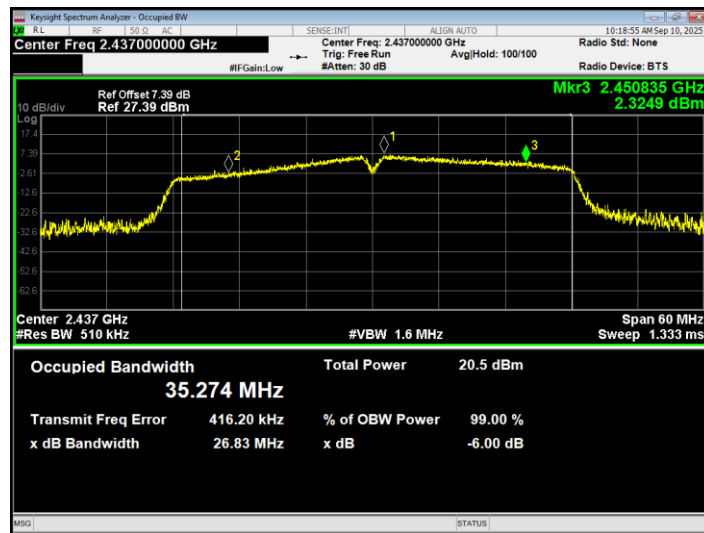
-6dB Bandwidth NVNT n20 2462MHz Ant1



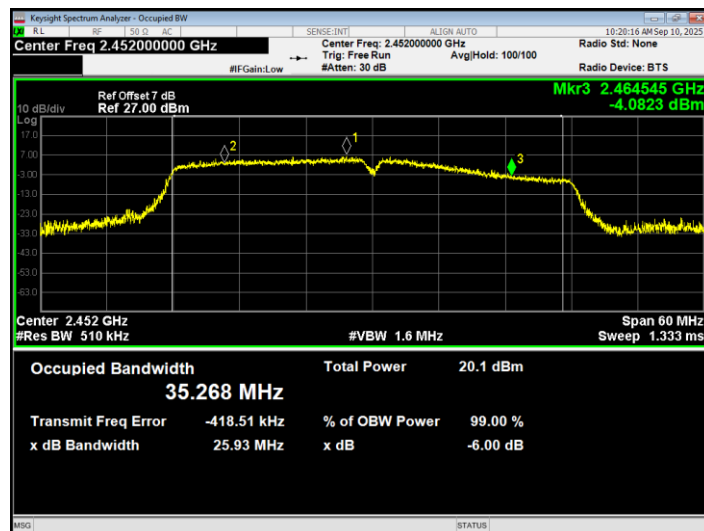
-6dB Bandwidth NVNT n40 2422MHz Ant1



-6dB Bandwidth NVNT n40 2437MHz Ant1



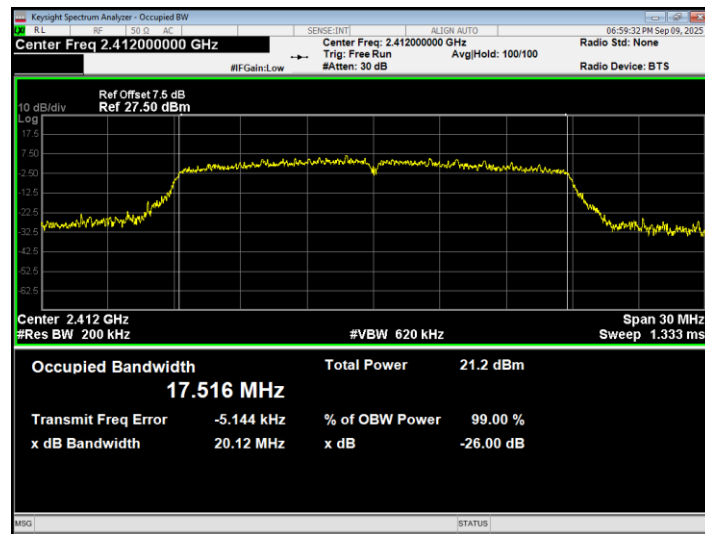
-6dB Bandwidth NVNT n40 2452MHz Ant1



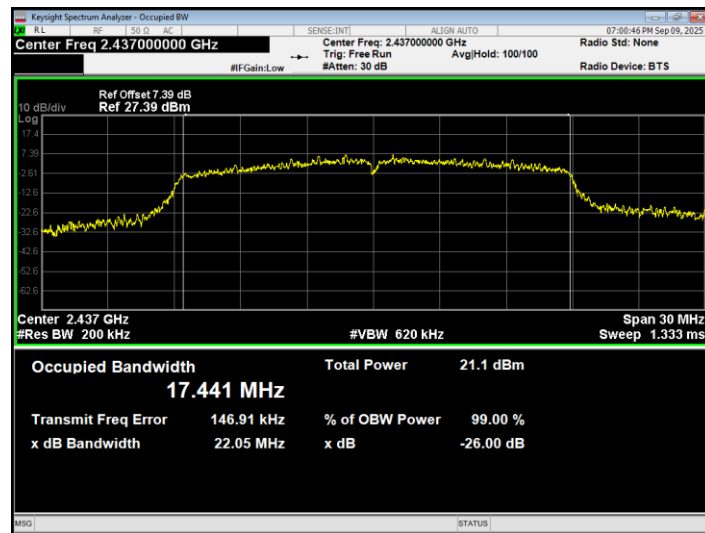
4. Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax20	2412	Ant1	17.51637199
NVNT	ax20	2437	Ant1	17.44064627
NVNT	ax20	2462	Ant1	17.73844427
NVNT	ax40	2422	Ant1	36.2206173
NVNT	ax40	2437	Ant1	35.24918848
NVNT	ax40	2452	Ant1	35.28518511
NVNT	b	2412	Ant1	12.47048261
NVNT	b	2437	Ant1	12.31037045
NVNT	b	2462	Ant1	13.09330379
NVNT	g	2412	Ant1	16.30407426
NVNT	g	2437	Ant1	16.22330206
NVNT	g	2462	Ant1	16.45070536
NVNT	n20	2412	Ant1	17.5260087
NVNT	n20	2437	Ant1	17.42368999
NVNT	n20	2462	Ant1	17.79976602
NVNT	n40	2422	Ant1	36.2571391
NVNT	n40	2437	Ant1	35.32448034
NVNT	n40	2452	Ant1	35.27722879

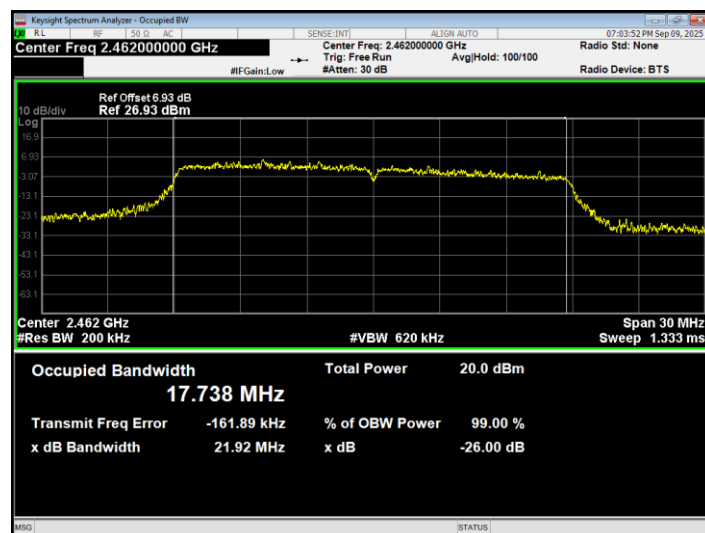
OBW NVNT ax20 2412MHz Ant1



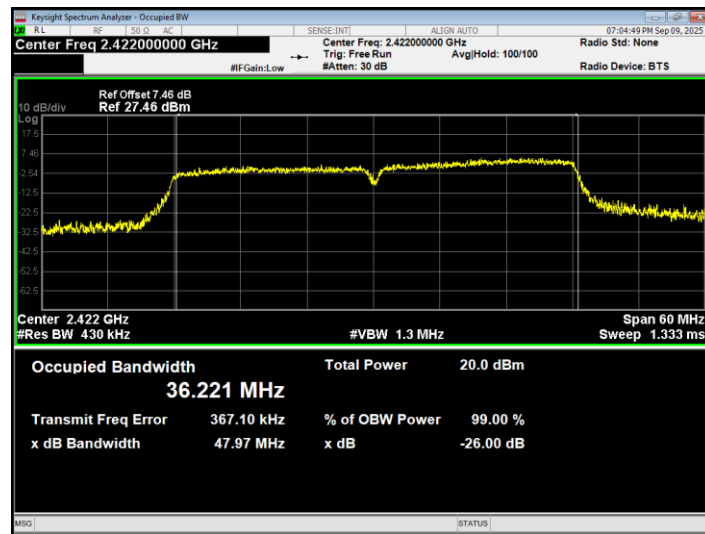
OBW NVNT ax20 2437MHz Ant1



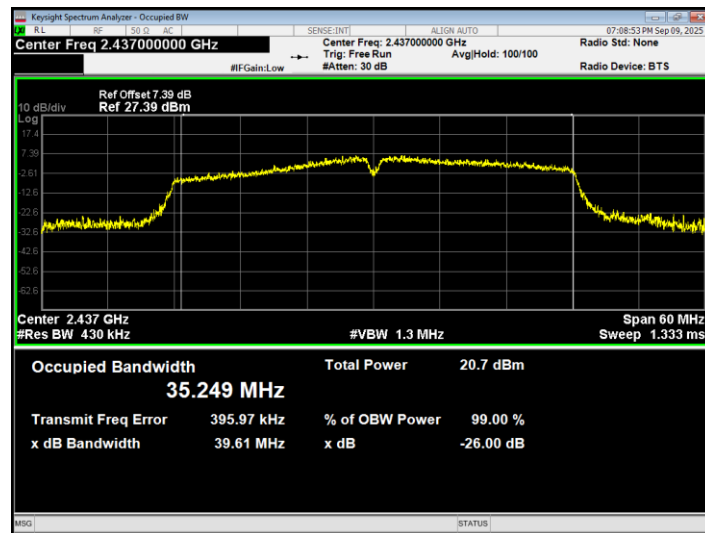
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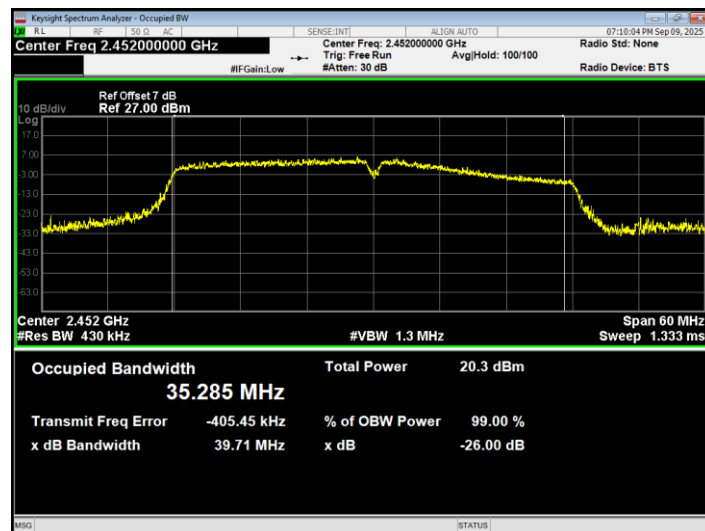
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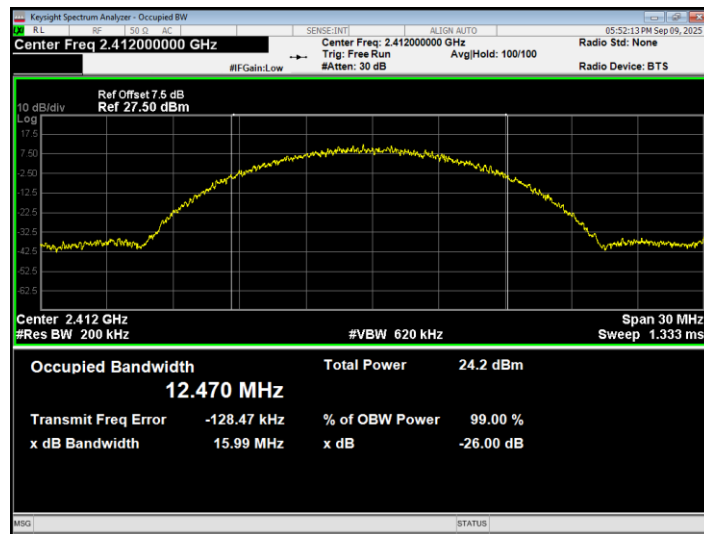
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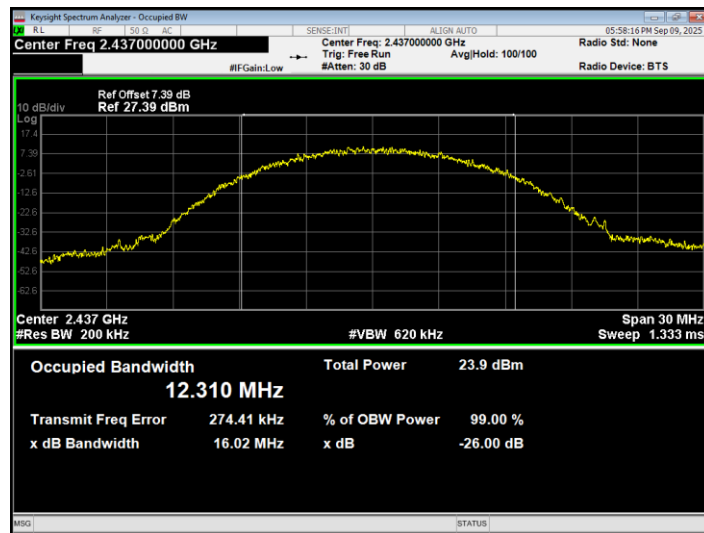
OBW NVNT ax40 2452MHz Ant1



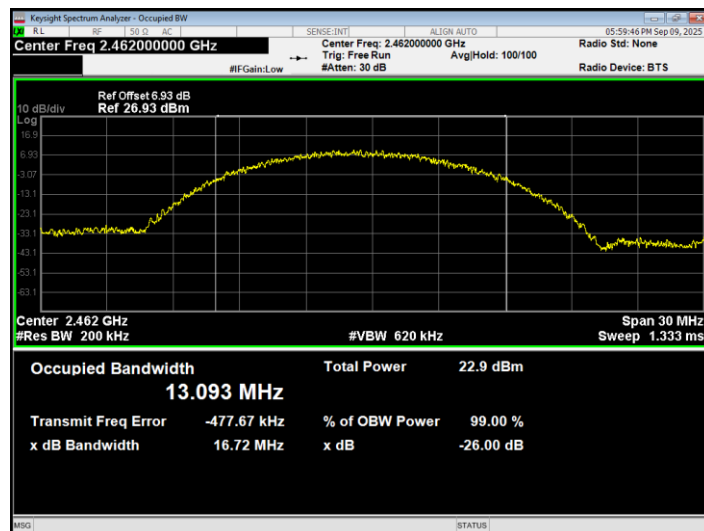
OBW NVNT b 2412MHz Ant1



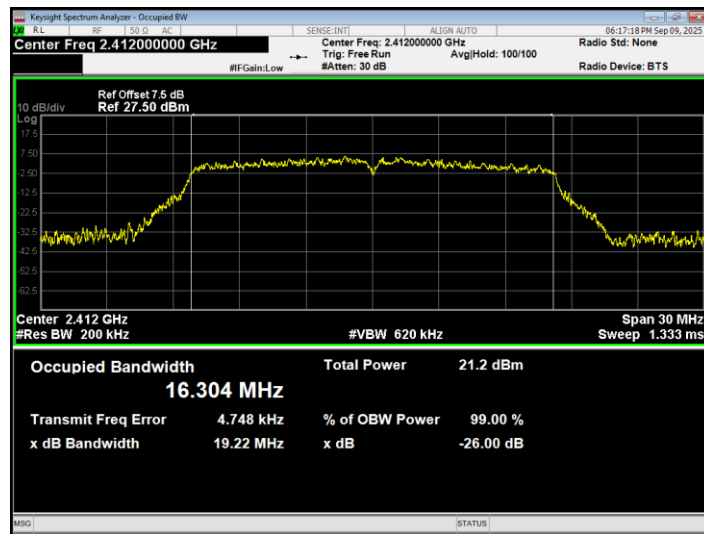
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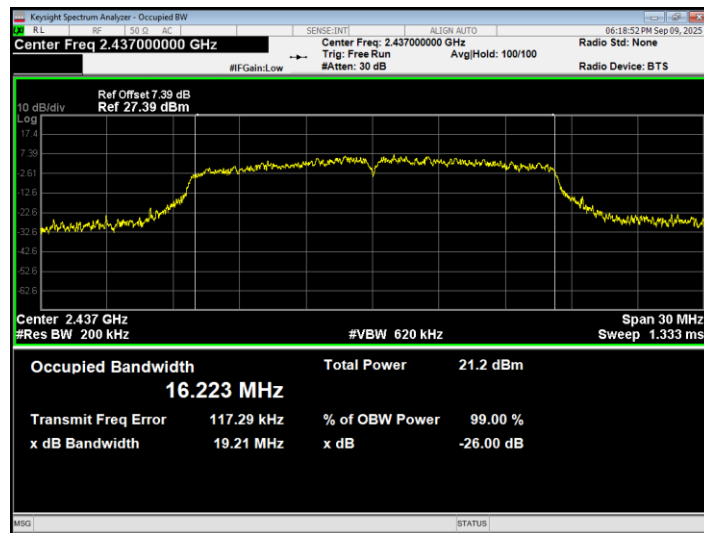
OBW NVNT b 2462MHz Ant1



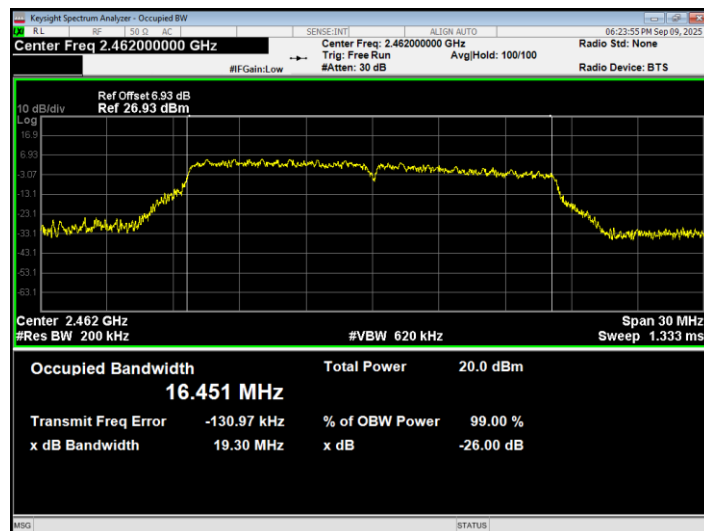
OBW NVNT g 2412MHz Ant1



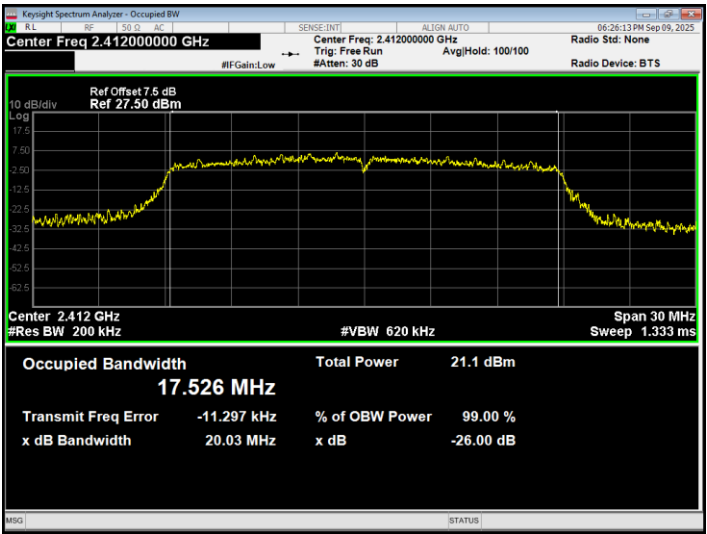
OBW NVNT g 2437MHz Ant1



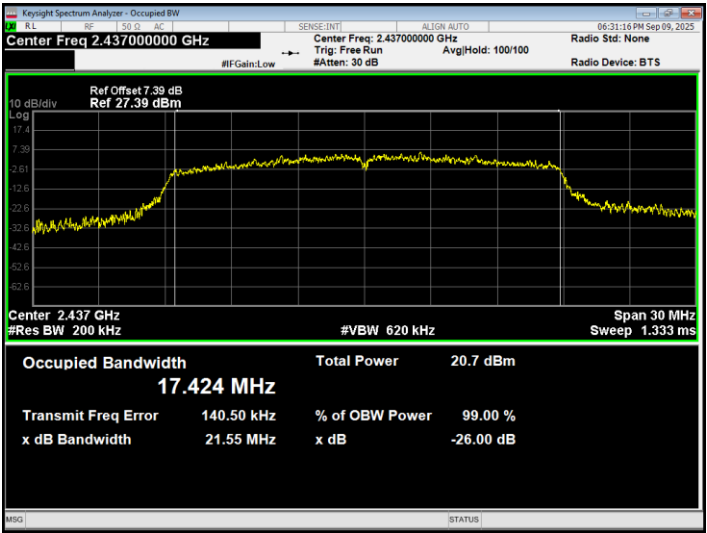
OBW NVNT g 2462MHz Ant1



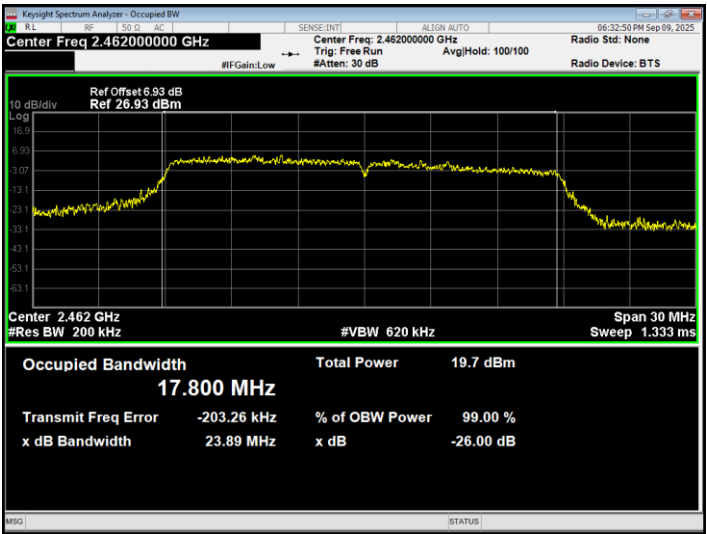
OBW NVNT n20 2412MHz Ant1



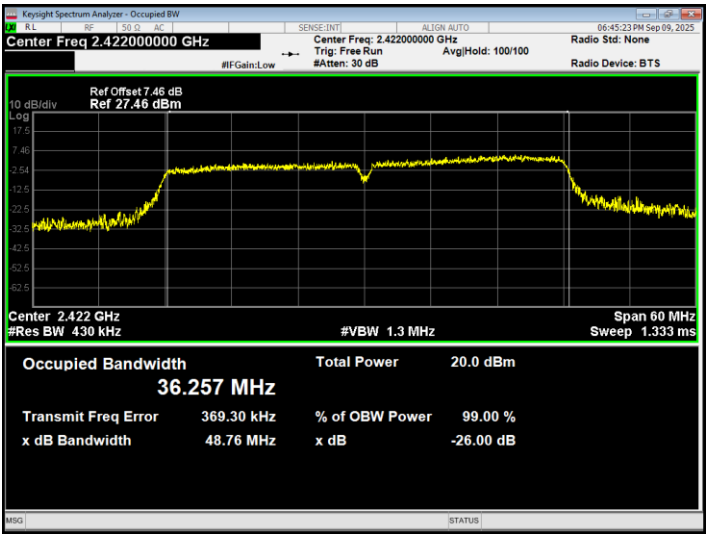
OBW NVNT n20 2437MHz Ant1



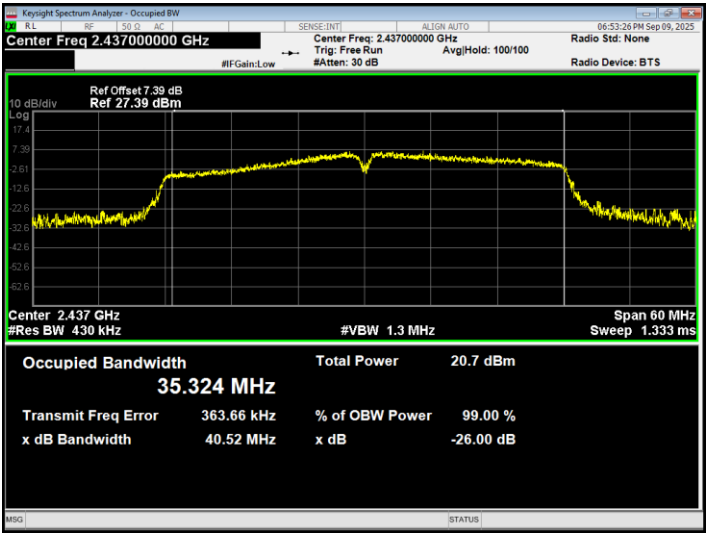
OBW NVNT n20 2462MHz Ant1



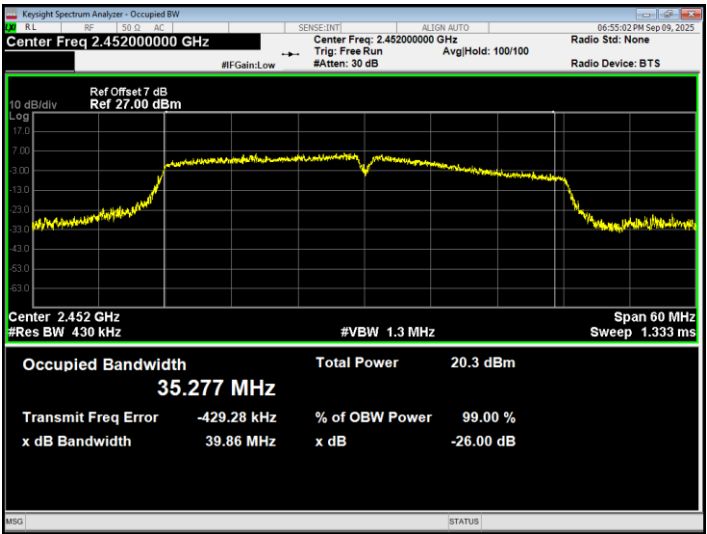
OBW NVNT n40 2422MHz Ant1



OBW NVNT n40 2437MHz Ant1



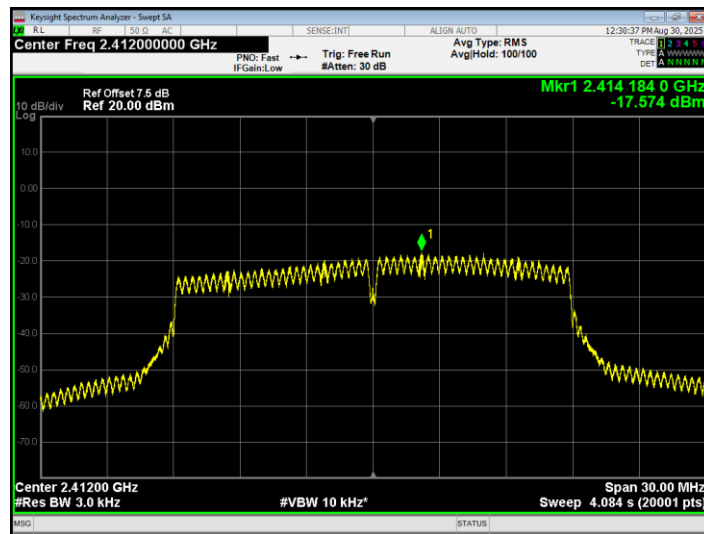
OBW NVNT n40 2452MHz Ant1



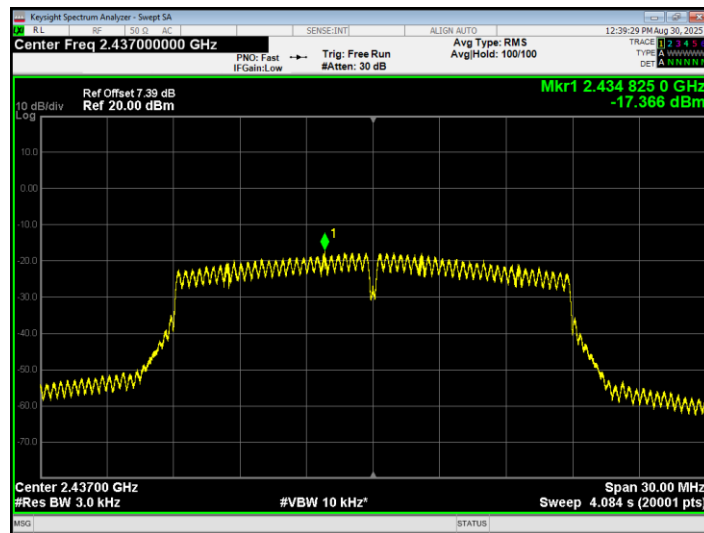
5. Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	ax20	2412	Ant1	-17.574	0.14	-17.434	8	Pass
NVNT	ax20	2437	Ant1	-17.366	0.14	-17.226	8	Pass
NVNT	ax20	2462	Ant1	-18.879	0.14	-18.739	8	Pass
NVNT	ax40	2422	Ant1	-19.242	0.27	-18.972	8	Pass
NVNT	ax40	2437	Ant1	-19.471	0.28	-19.191	8	Pass
NVNT	ax40	2452	Ant1	-20.841	0.28	-20.561	8	Pass
NVNT	b	2412	Ant1	-13.898	0.17	-13.728	8	Pass
NVNT	b	2437	Ant1	-13.388	0.16	-13.228	8	Pass
NVNT	b	2462	Ant1	-14.925	0.17	-14.755	8	Pass
NVNT	g	2412	Ant1	-15.185	0.92	-14.265	8	Pass
NVNT	g	2437	Ant1	-15.978	0.96	-15.018	8	Pass
NVNT	g	2462	Ant1	-16.318	0.92	-15.398	8	Pass
NVNT	n20	2412	Ant1	-17.271	0.14	-17.131	8	Pass
NVNT	n20	2437	Ant1	-17.382	0.14	-17.242	8	Pass
NVNT	n20	2462	Ant1	-19.325	0.14	-19.185	8	Pass
NVNT	n40	2422	Ant1	-18.812	0.29	-18.522	8	Pass
NVNT	n40	2437	Ant1	-19.22	0.27	-18.95	8	Pass
NVNT	n40	2452	Ant1	-20.519	0.27	-20.249	8	Pass

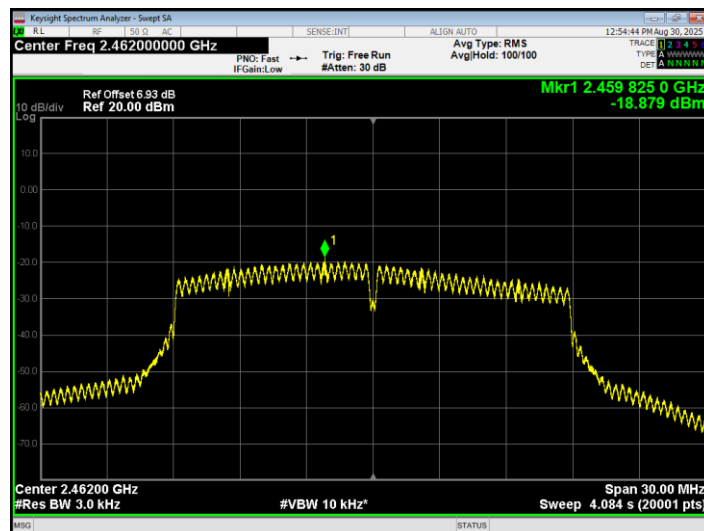
PSD NVNT ax20 2412MHz Ant1



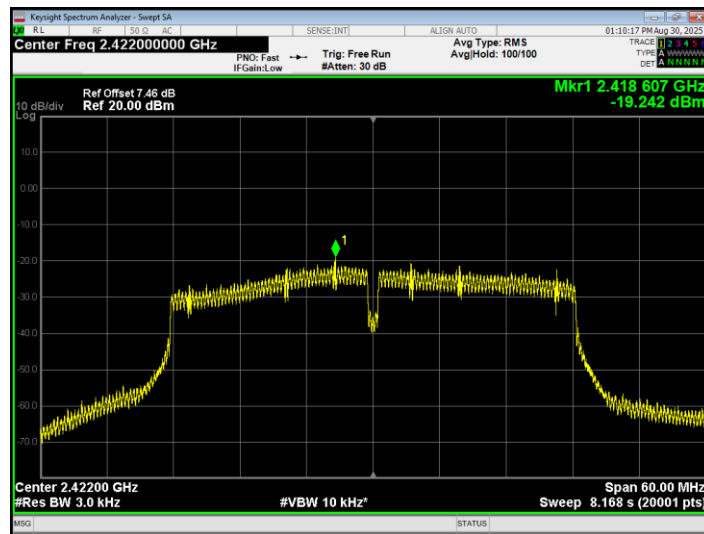
PSD NVNT ax20 2437MHz Ant1



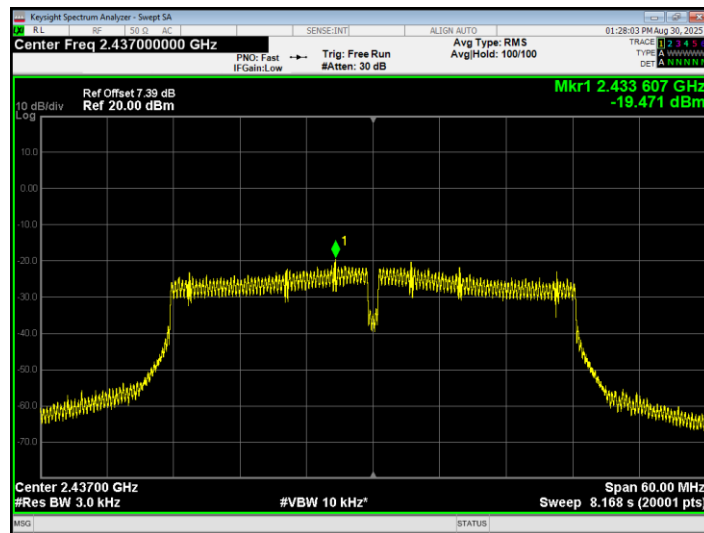
PSD NVNT ax20 2462MHz Ant1



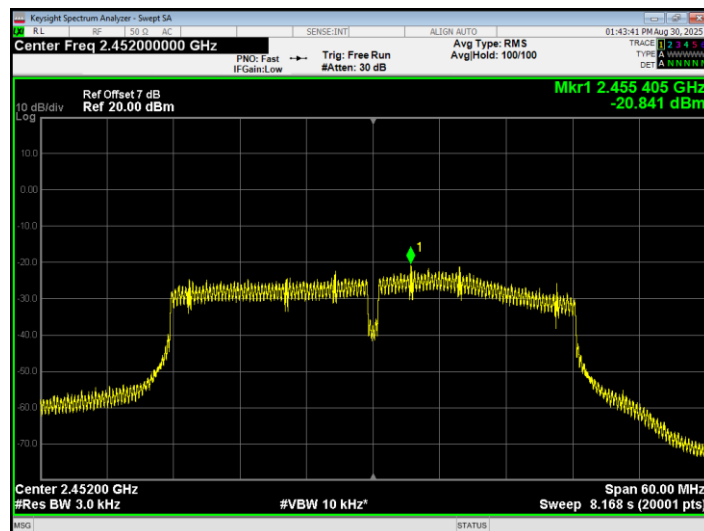
PSD NVNT ax40 2422MHz Ant1



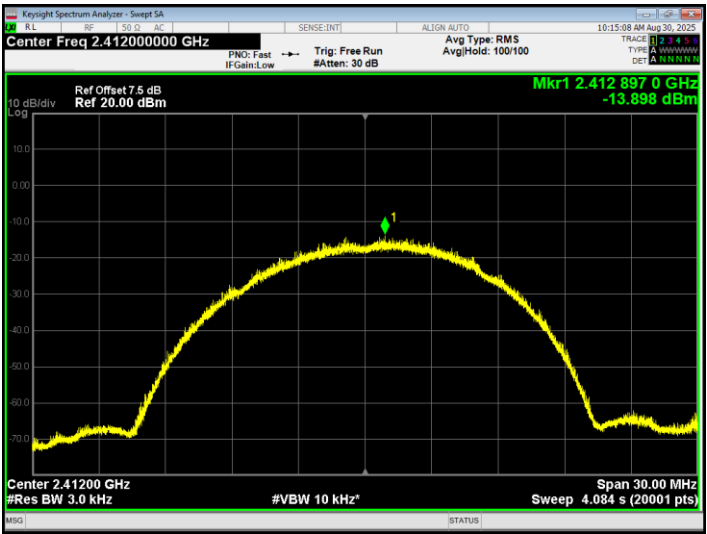
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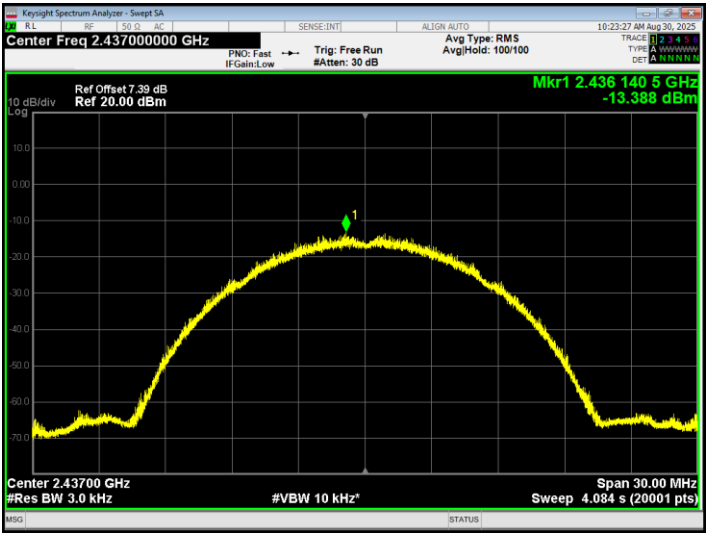
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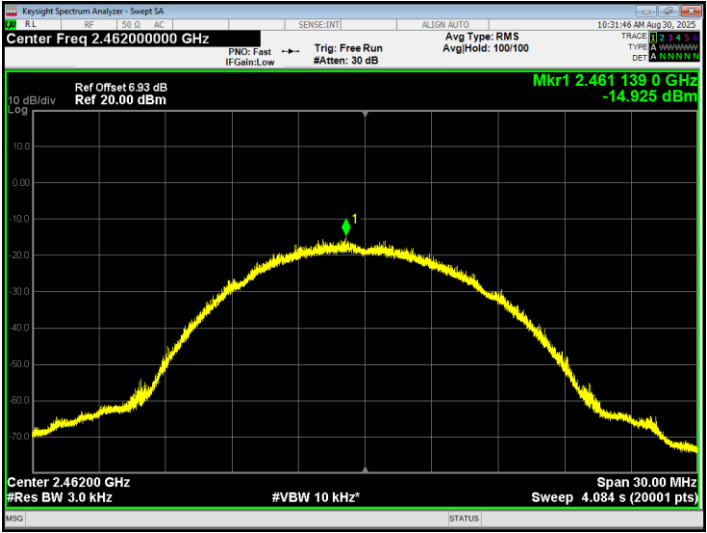
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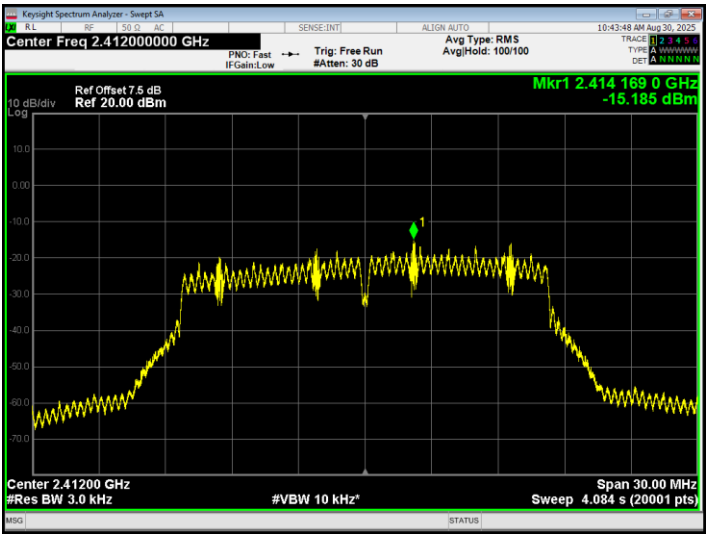
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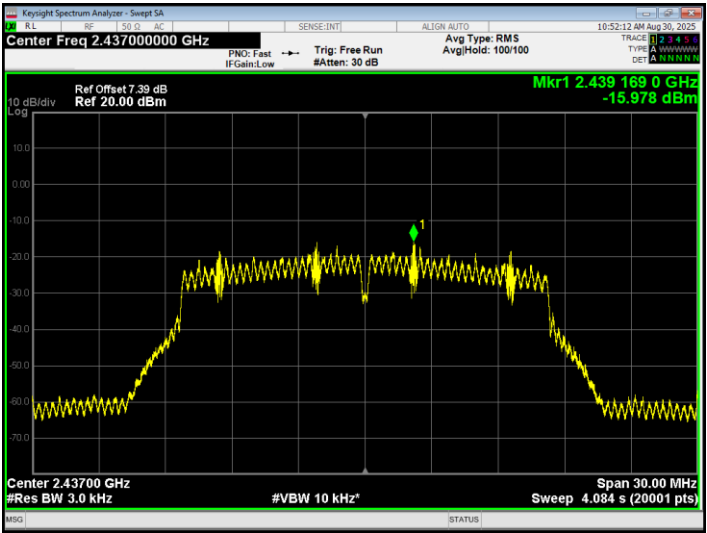
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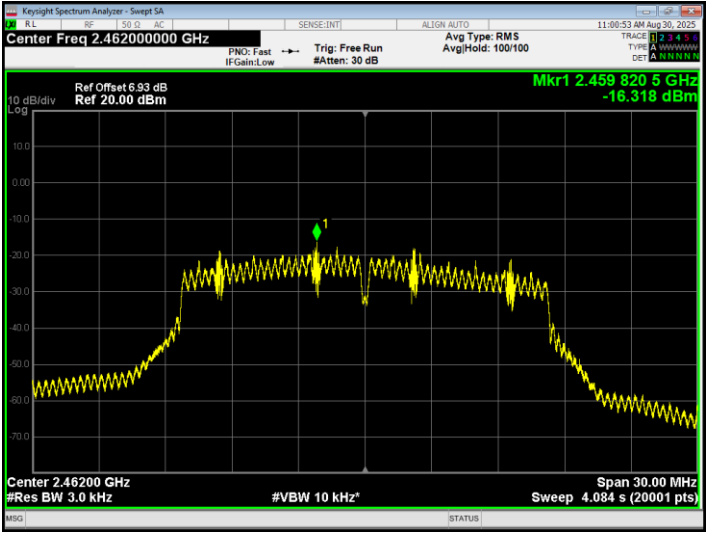
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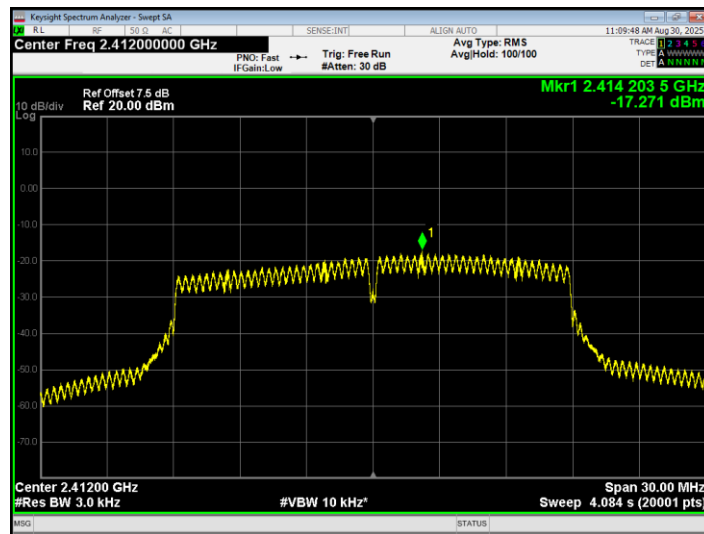
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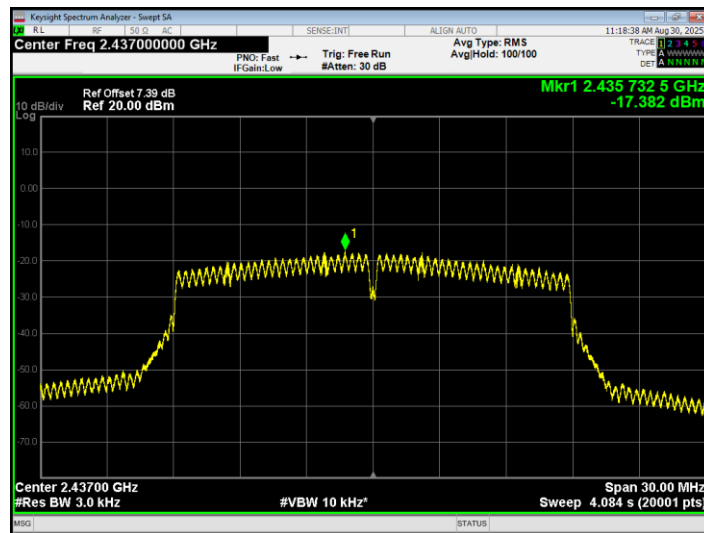
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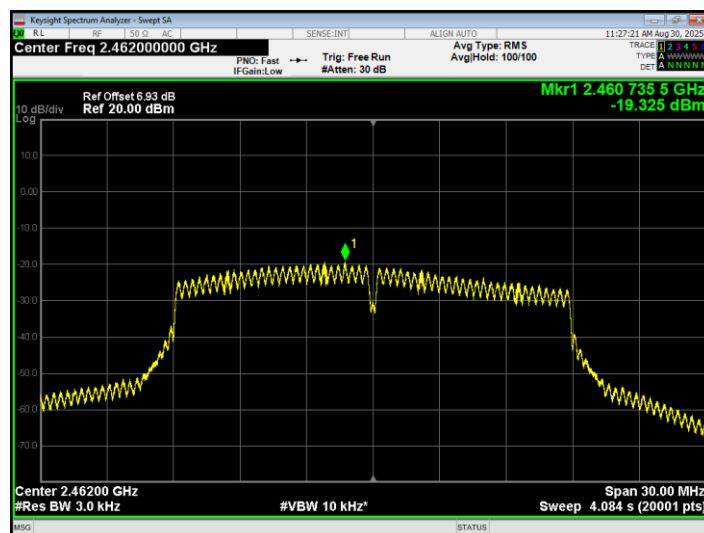
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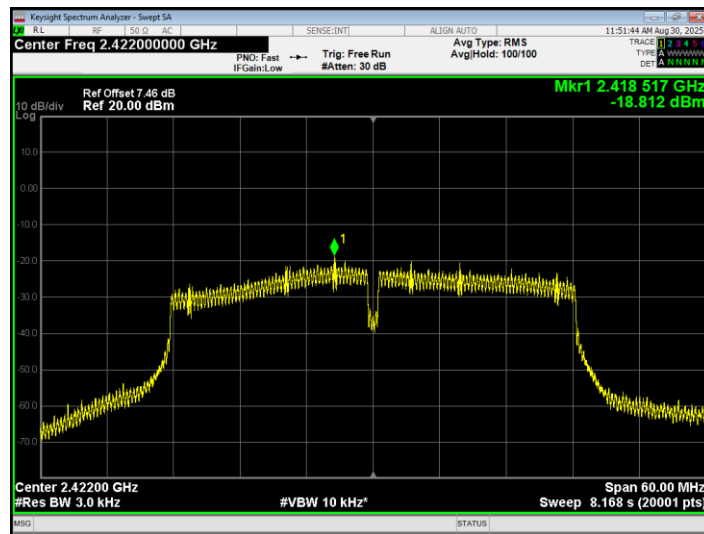
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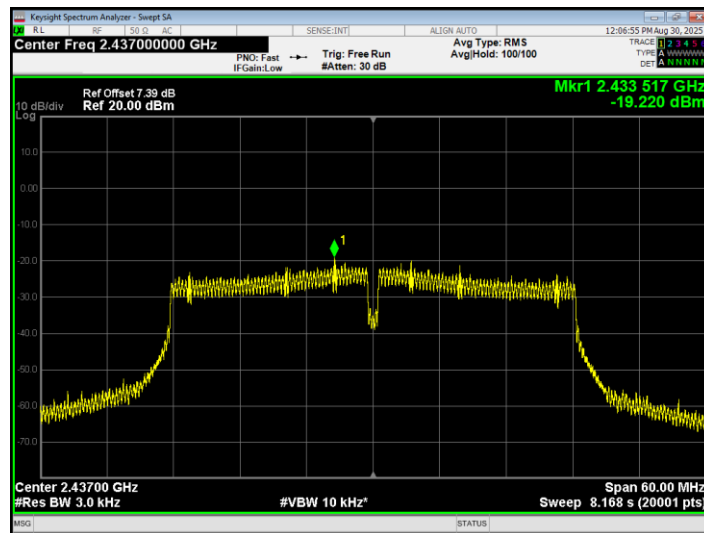
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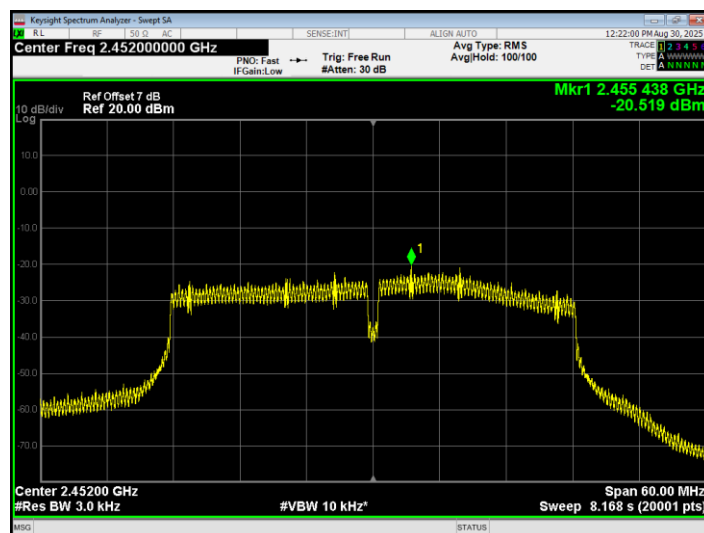
PSD NVNT n40 2422MHz Ant1



PSD NVNT n40 2437MHz Ant1



PSD NVNT n40 2452MHz Ant1



6. Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ax20	2412	Ant1	-33.1	-30	Pass
NVNT	ax20	2462	Ant1	-52.54	-30	Pass
NVNT	ax40	2422	Ant1	-34.1	-30	Pass
NVNT	ax40	2452	Ant1	-45.08	-30	Pass
NVNT	b	2412	Ant1	-47.31	-30	Pass
NVNT	b	2462	Ant1	-56.68	-30	Pass
NVNT	g	2412	Ant1	-38.04	-30	Pass
NVNT	g	2462	Ant1	-41.06	-30	Pass
NVNT	n20	2412	Ant1	-31.64	-30	Pass
NVNT	n20	2462	Ant1	-42.78	-30	Pass
NVNT	n40	2422	Ant1	-34.31	-30	Pass
NVNT	n40	2452	Ant1	-39.21	-30	Pass