

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

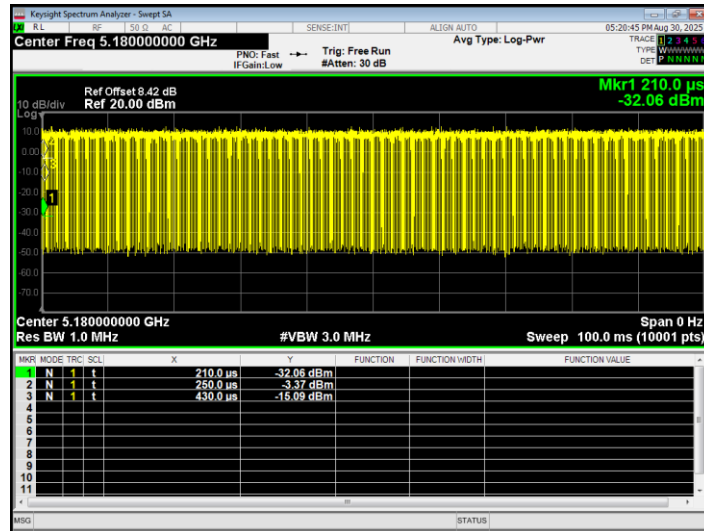
Applicable Standards: FCC PART 15 E 15.407
ANSI C63.10-2020

Test Result: Pass

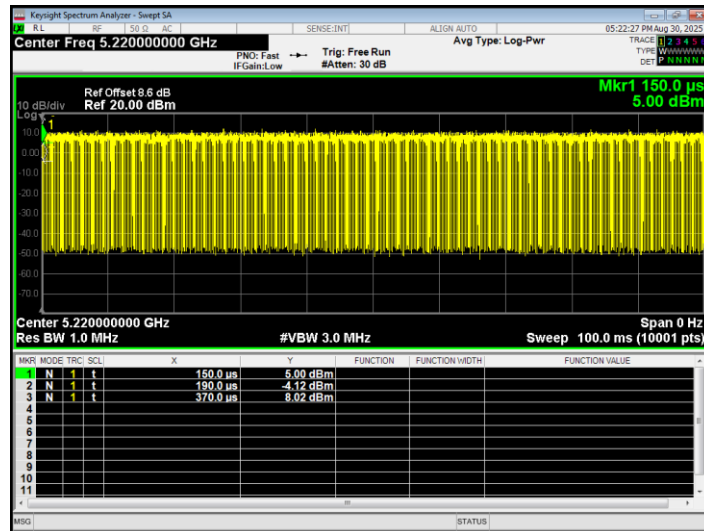
1. Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	81.82	0.87
NVNT	a	5220	Ant1	81.82	0.87
NVNT	a	5240	Ant1	77.27	1.12
NVNT	ac20	5180	Ant1	96.32	0.16
NVNT	ac20	5220	Ant1	96.32	0.16
NVNT	ac20	5240	Ant1	97.06	0.13
NVNT	ac40	5190	Ant1	94.29	0.26
NVNT	ac40	5230	Ant1	94.2	0.26
NVNT	ax20	5180	Ant1	80.95	0.92
NVNT	ax20	5220	Ant1	80.95	0.92
NVNT	ax20	5240	Ant1	80.95	0.92
NVNT	ax40	5190	Ant1	94.29	0.26
NVNT	ax40	5230	Ant1	94.29	0.26
NVNT	n20	5180	Ant1	97.04	0.13
NVNT	n20	5220	Ant1	97.01	0.13
NVNT	n20	5240	Ant1	96.3	0.16
NVNT	n40	5190	Ant1	94.2	0.26
NVNT	n40	5230	Ant1	94.2	0.26

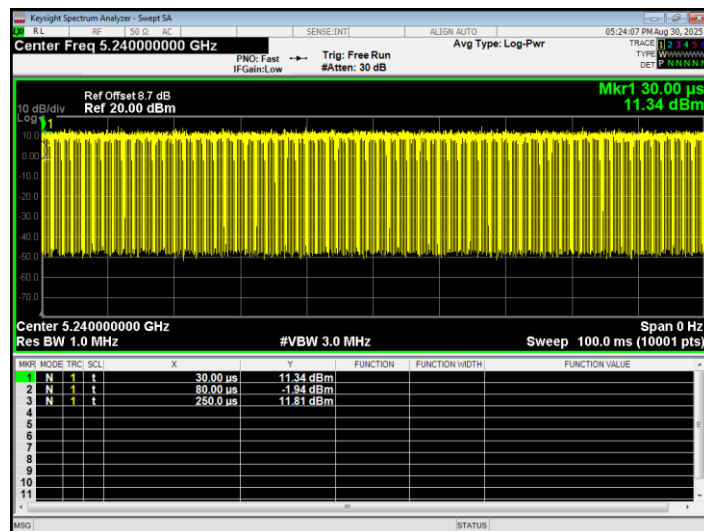
Duty Cycle NVNT a 5180MHz Ant1



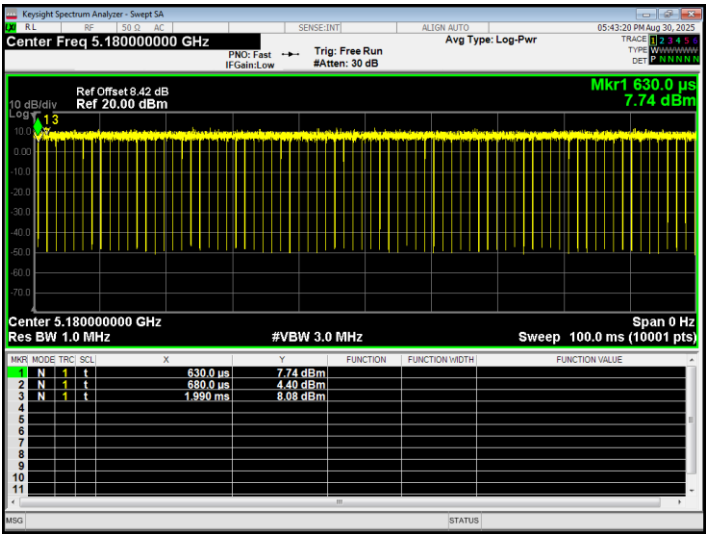
Duty Cycle NVNT a 5220MHz Ant1



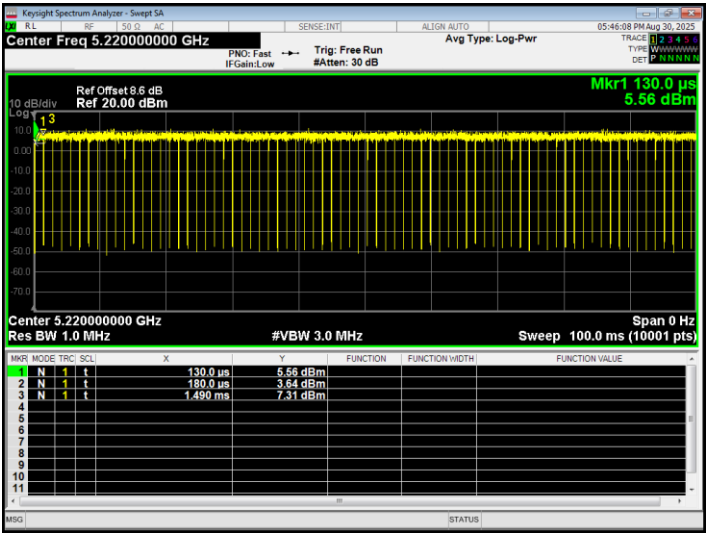
Duty Cycle NVNT a 5240MHz Ant1



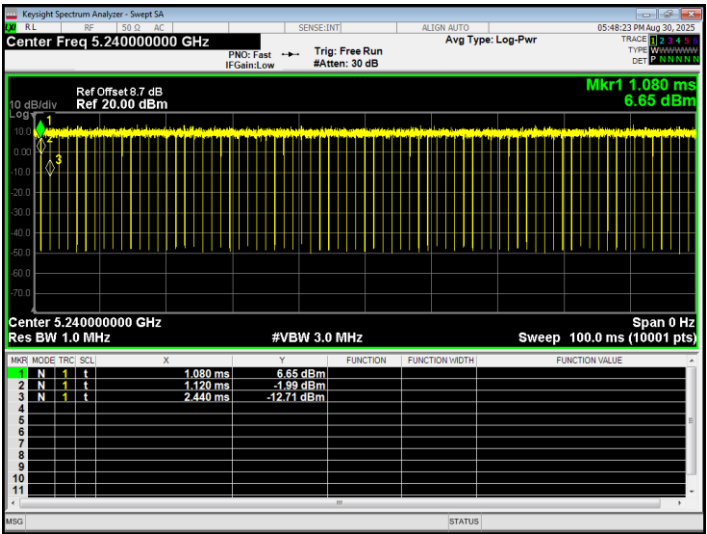
Duty Cycle NVNT ac20 5180MHz Ant1



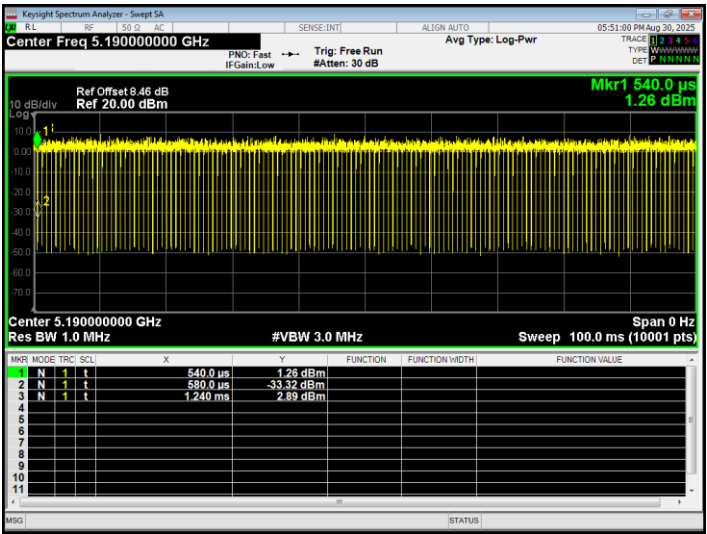
Duty Cycle NVNT ac20 5220MHz Ant1



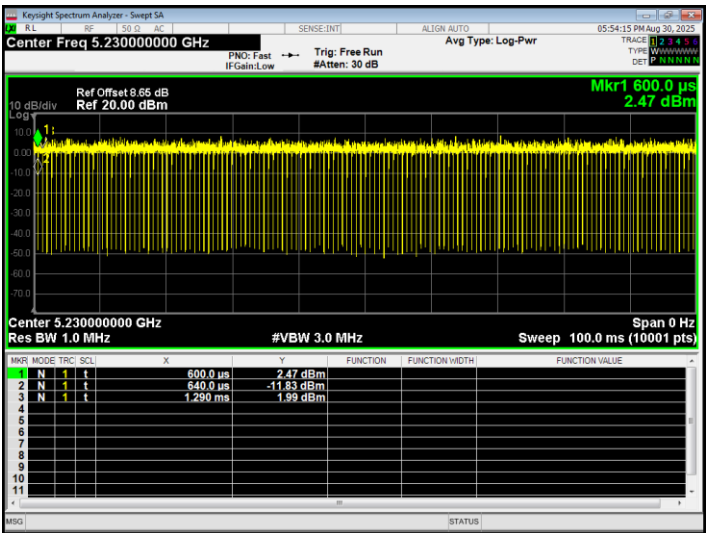
Duty Cycle NVNT ac20 5240MHz Ant1



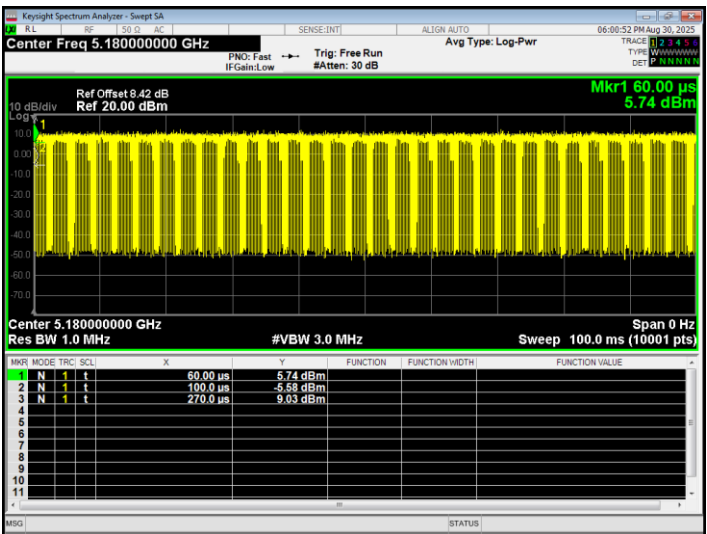
Duty Cycle NVNT ac40 5190MHz Ant1



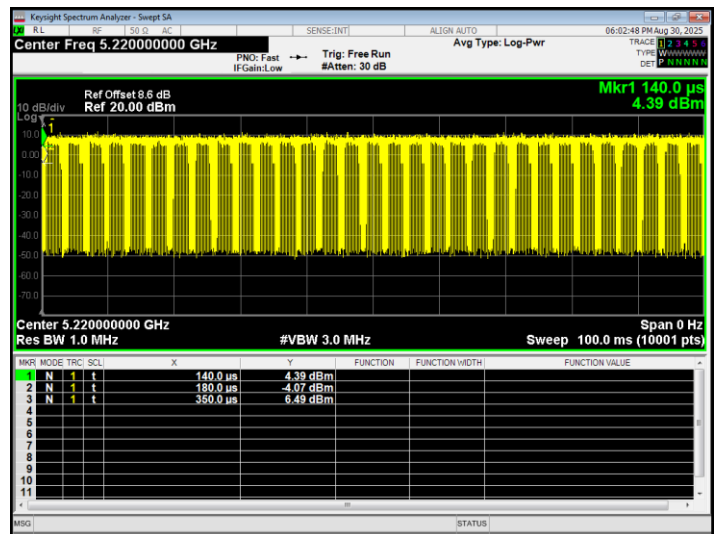
Duty Cycle NVNT ac40 5230MHz Ant1



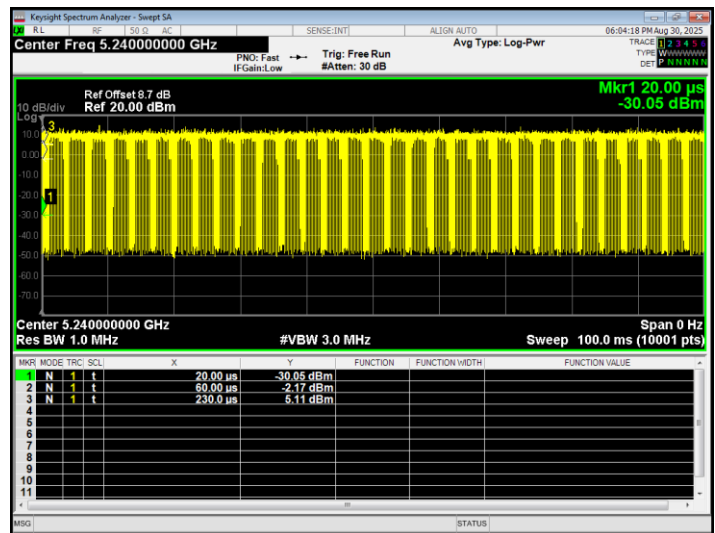
Duty Cycle NVNT ax20 5180MHz Ant1



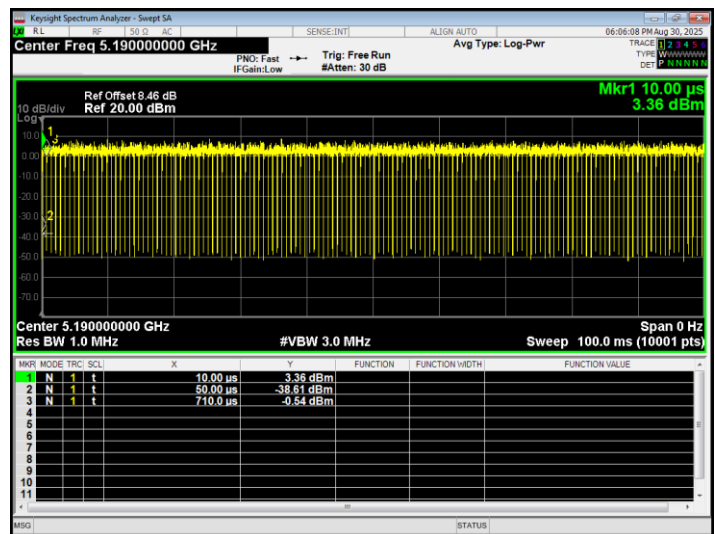
Duty Cycle NVNT ax20 5220MHz Ant1



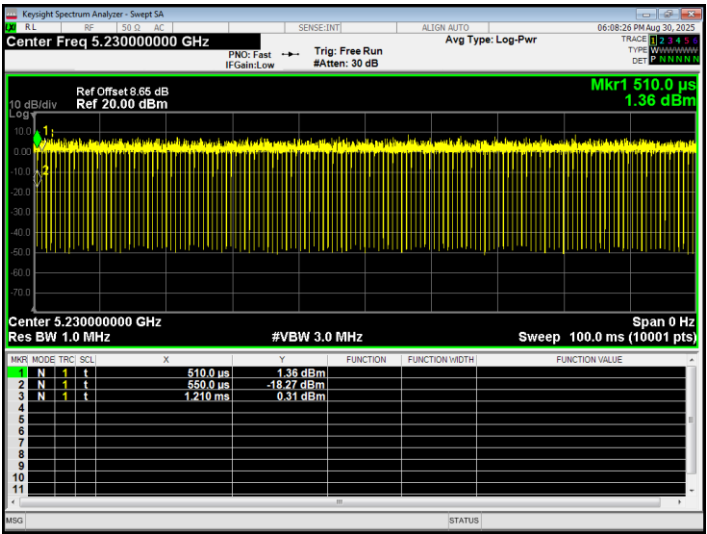
Duty Cycle NVNT ax20 5240MHz Ant1



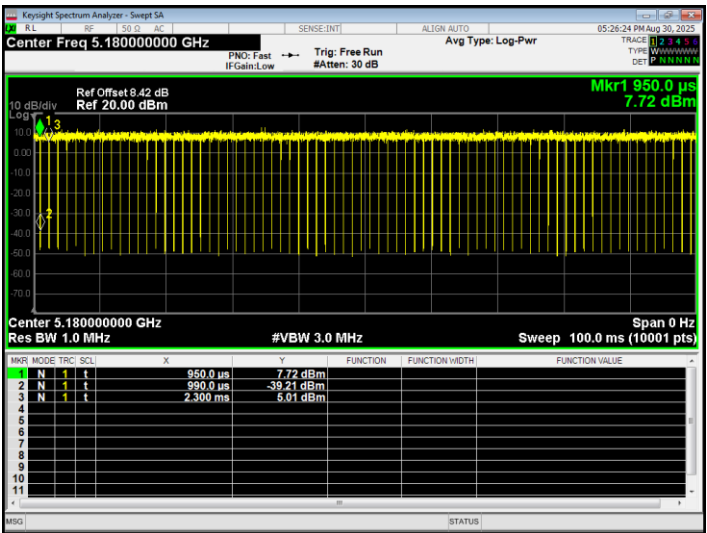
Duty Cycle NVNT ax40 5190MHz Ant1



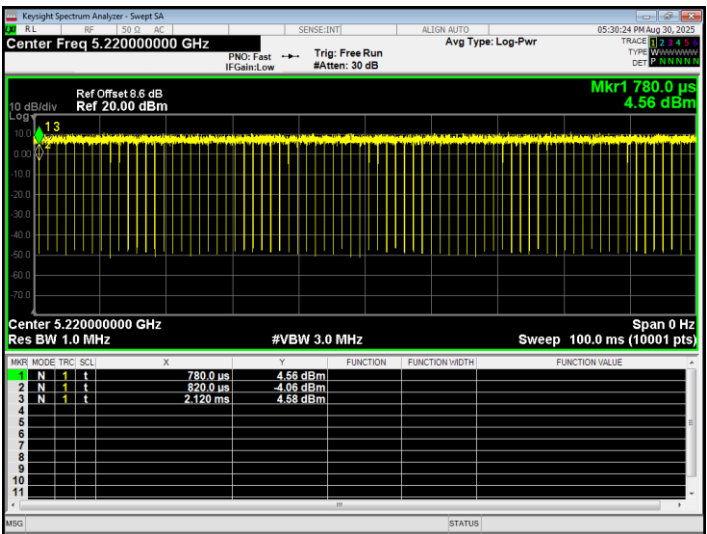
Duty Cycle NVNT ax40 5230MHz Ant1



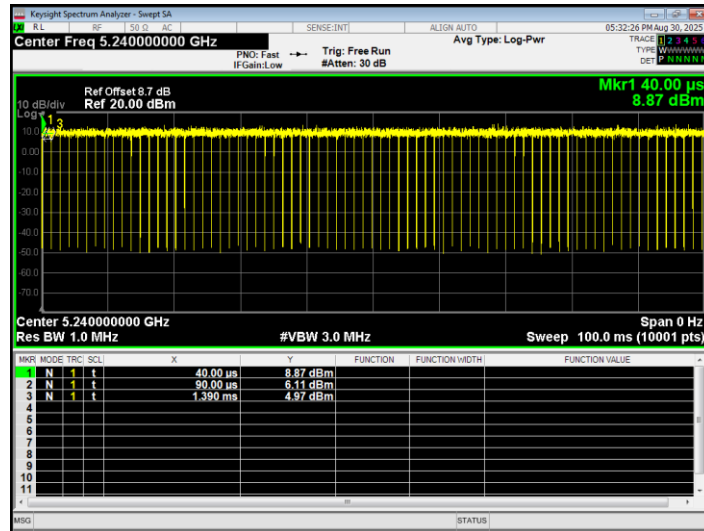
Duty Cycle NVNT n20 5180MHz Ant1



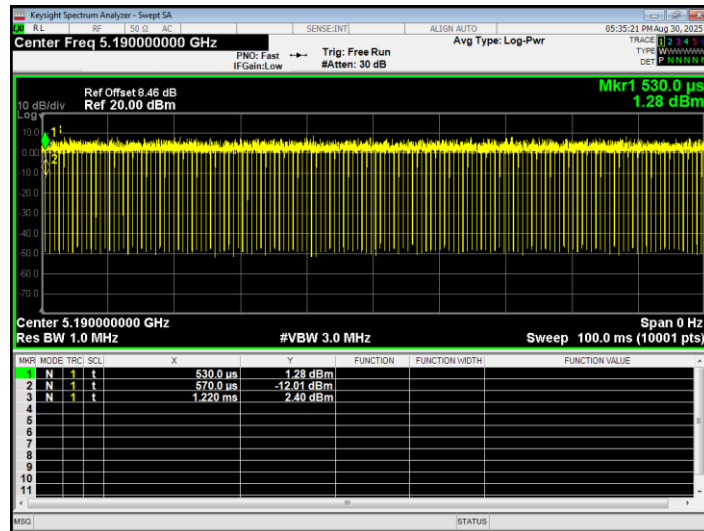
Duty Cycle NVNT n20 5220MHz Ant1



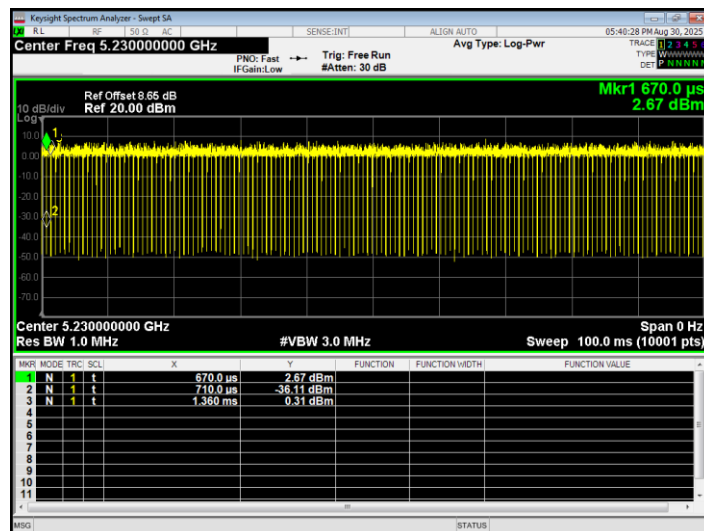
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



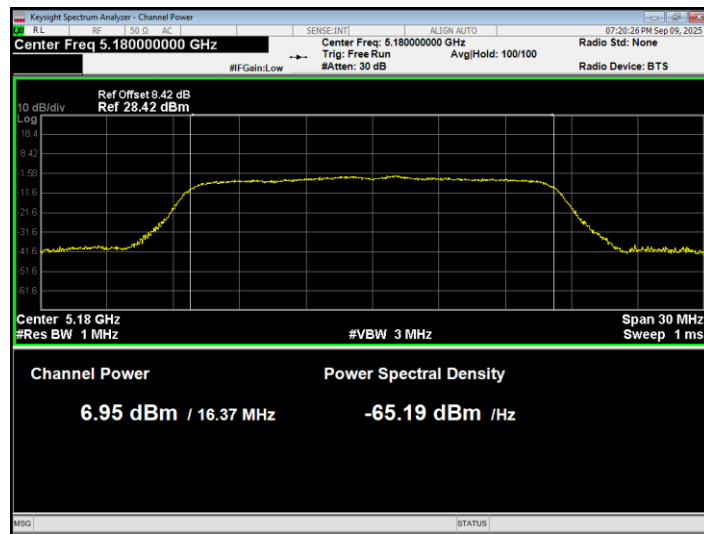
Duty Cycle NVNT n40 5230MHz Ant1



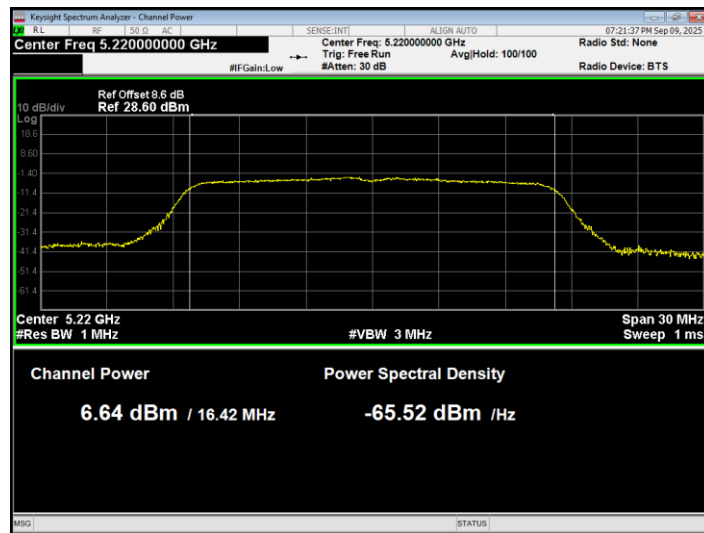
2. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	6.95	0.87	7.82	24	Pass
NVNT	a	5220	Ant1	6.64	0.87	7.51	24	Pass
NVNT	a	5240	Ant1	8.99	1.12	10.11	24	Pass
NVNT	ac20	5180	Ant1	7.82	0.16	7.98	24	Pass
NVNT	ac20	5220	Ant1	7.37	0.16	7.53	24	Pass
NVNT	ac20	5240	Ant1	9.76	0.13	9.89	24	Pass
NVNT	ac40	5190	Ant1	8.71	0.26	8.97	24	Pass
NVNT	ac40	5230	Ant1	8.28	0.26	8.54	24	Pass
NVNT	ax20	5180	Ant1	7.76	0.92	8.68	24	Pass
NVNT	ax20	5220	Ant1	7.40	0.92	8.32	24	Pass
NVNT	ax20	5240	Ant1	9.87	0.92	10.79	24	Pass
NVNT	ax40	5190	Ant1	8.69	0.26	8.95	24	Pass
NVNT	ax40	5230	Ant1	8.27	0.26	8.53	24	Pass
NVNT	n20	5180	Ant1	7.79	0.13	7.92	24	Pass
NVNT	n20	5220	Ant1	7.27	0.13	7.40	24	Pass
NVNT	n20	5240	Ant1	9.78	0.16	9.94	24	Pass
NVNT	n40	5190	Ant1	8.84	0.26	9.10	24	Pass
NVNT	n40	5230	Ant1	8.32	0.26	8.58	24	Pass

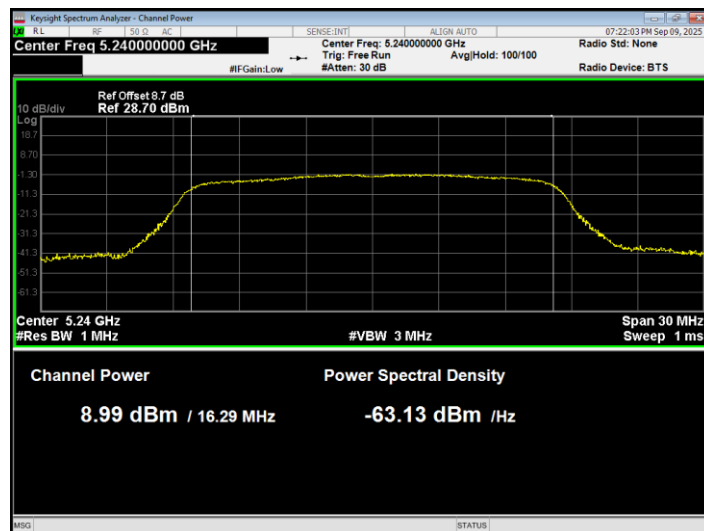
Power NVNT a 5180MHz Ant1



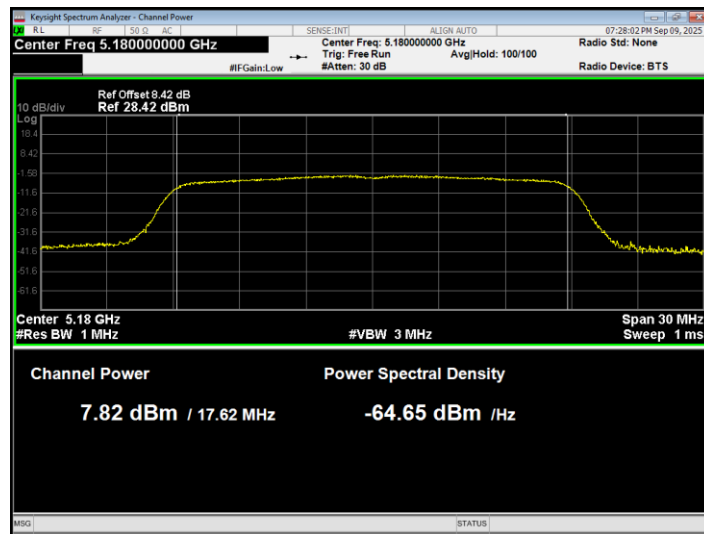
Power NVNT a 5220MHz Ant1



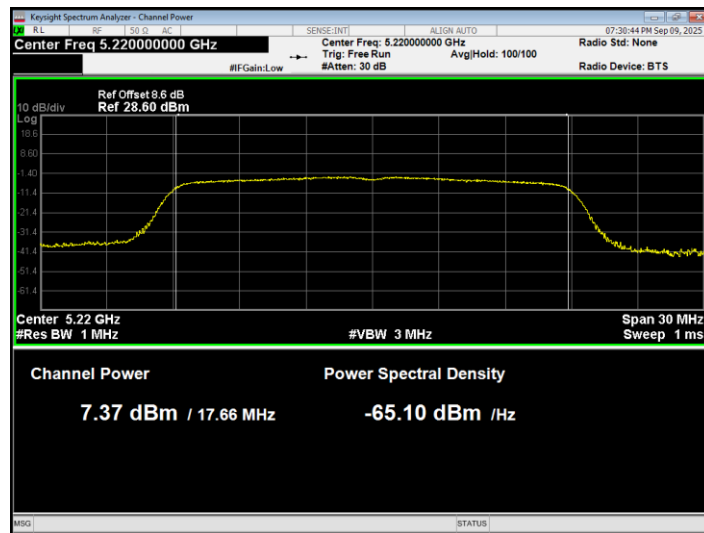
Power NVNT a 5240MHz Ant1



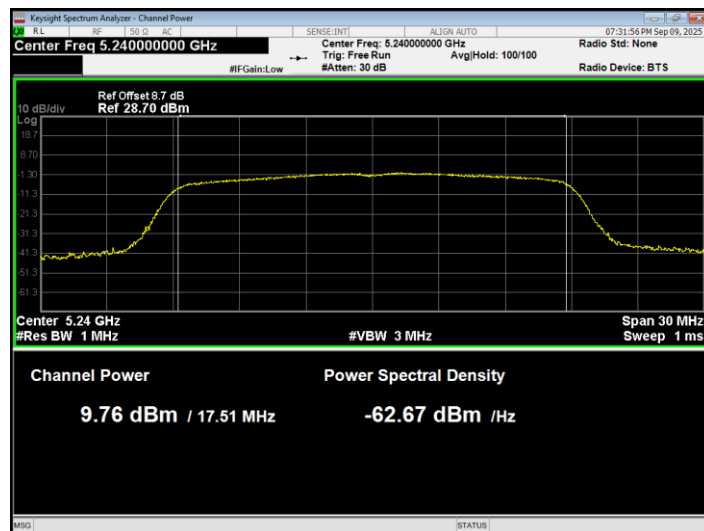
Power NVNT ac20 5180MHz Ant1



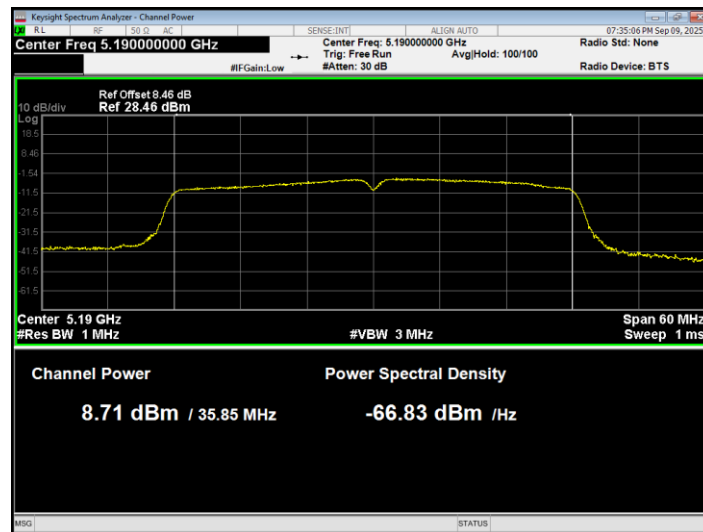
Power NVNT ac20 5220MHz Ant1



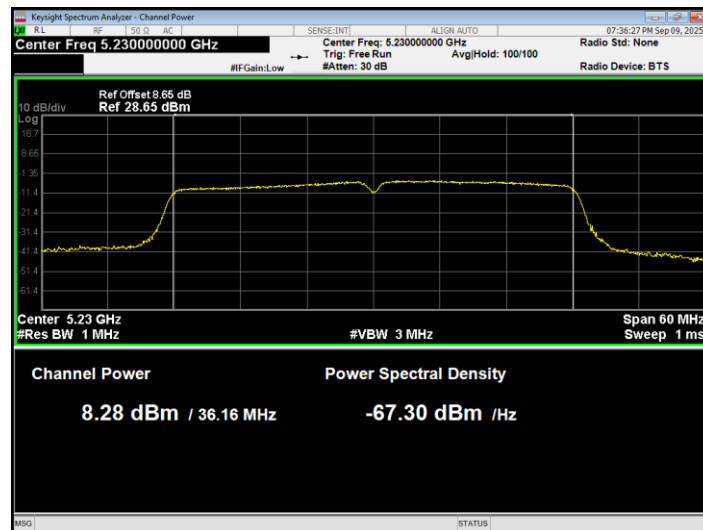
Power NVNT ac20 5240MHz Ant1



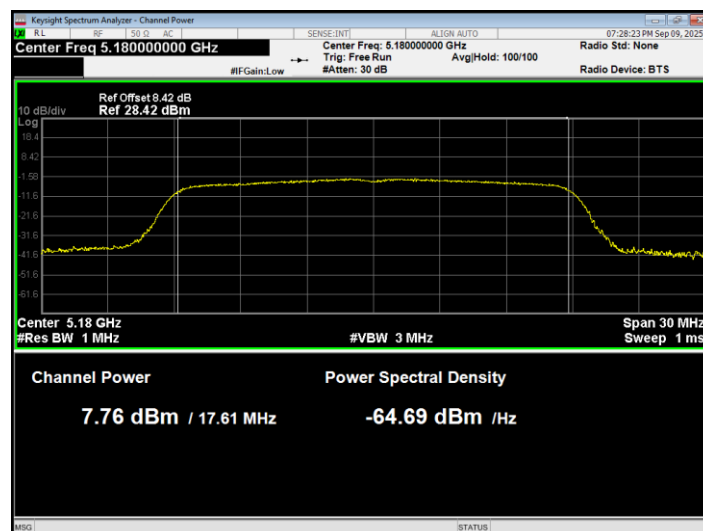
Power NVNT ac40 5190MHz Ant1



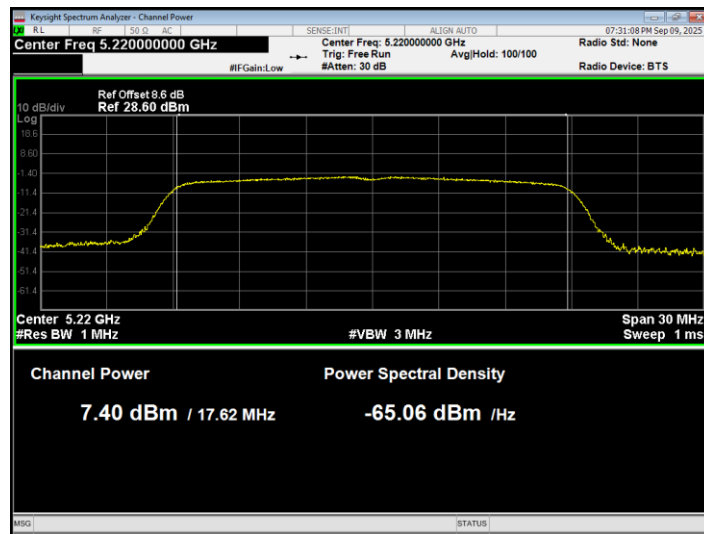
Power NVNT ac40 5230MHz Ant1



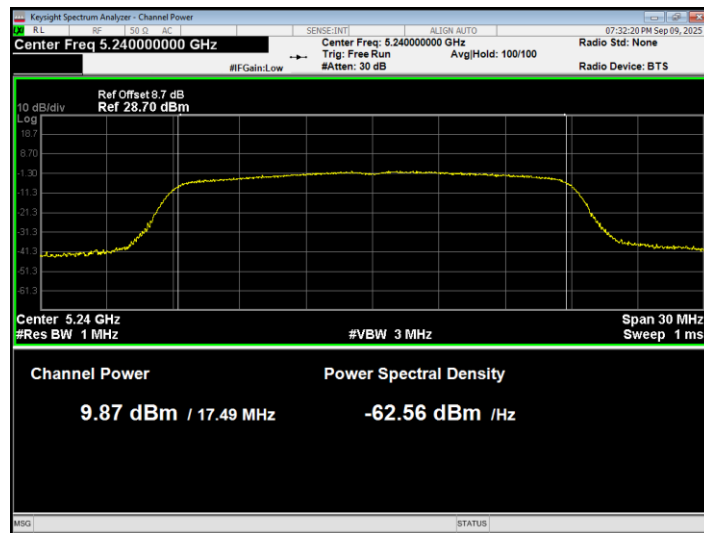
Power NVNT ax20 5180MHz Ant1



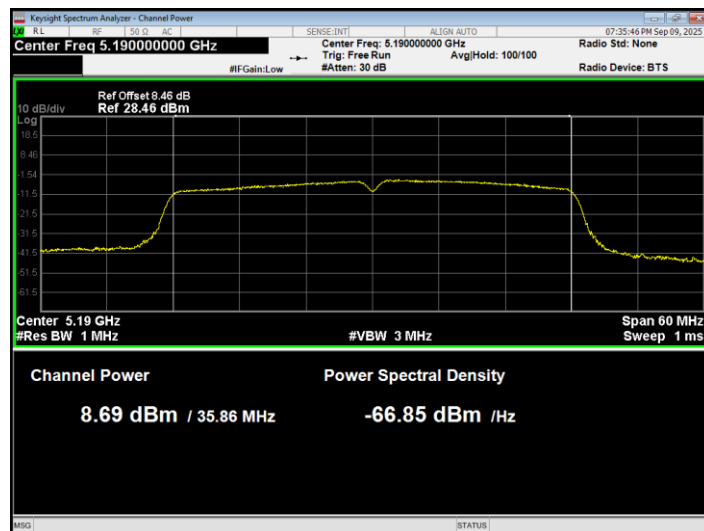
Power NVNT ax20 5220MHz Ant1



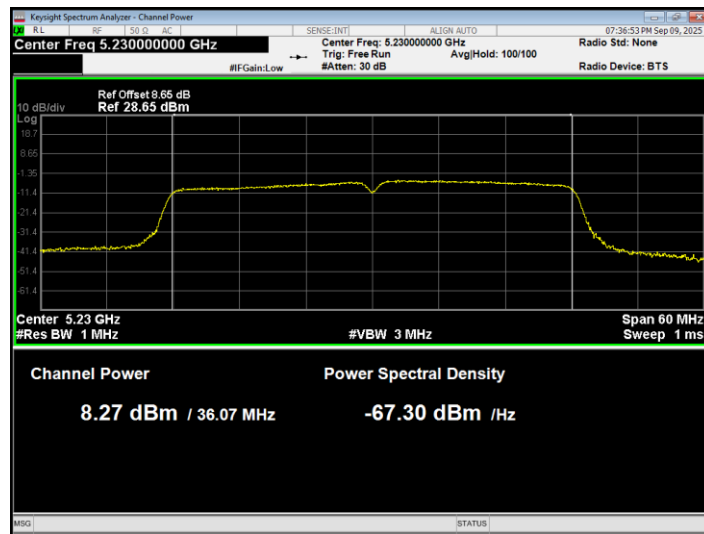
Power NVNT ax20 5240MHz Ant1



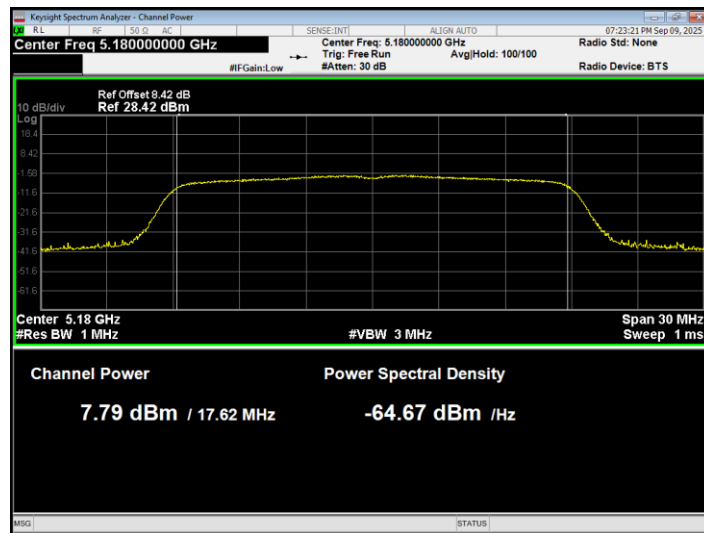
Power NVNT ax40 5190MHz Ant1



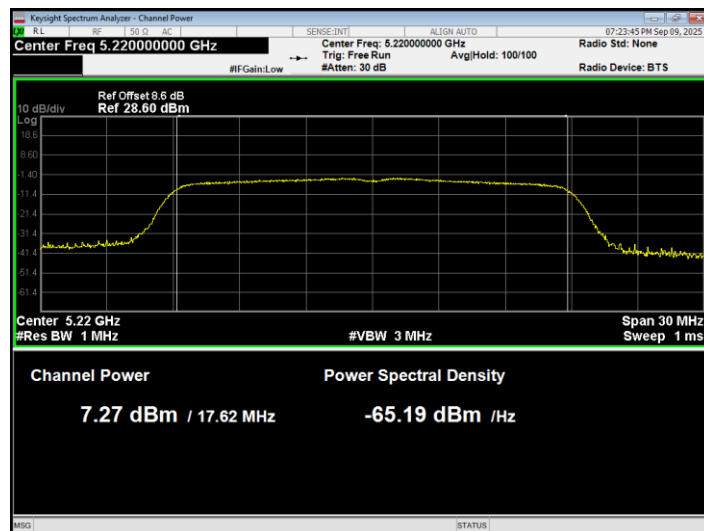
Power NVNT ax40 5230MHz Ant1



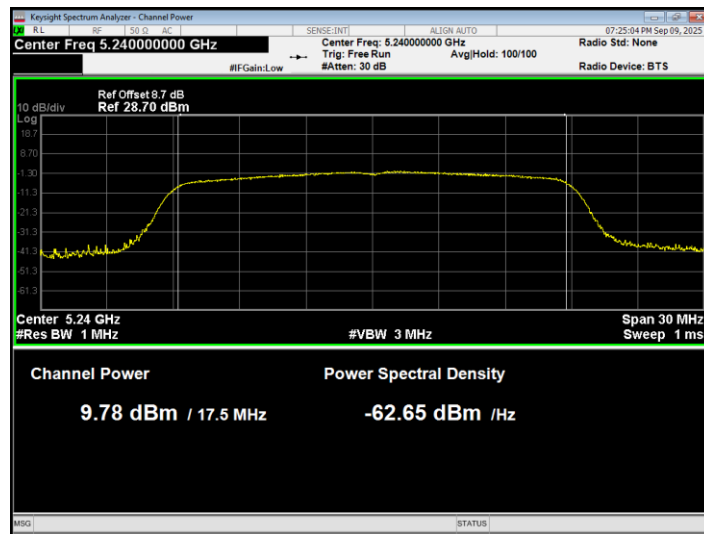
Power NVNT n20 5180MHz Ant1



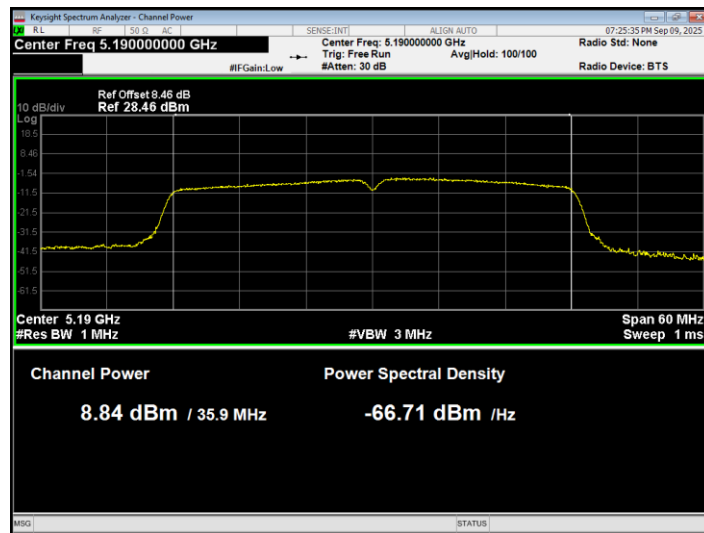
Power NVNT n20 5220MHz Ant1



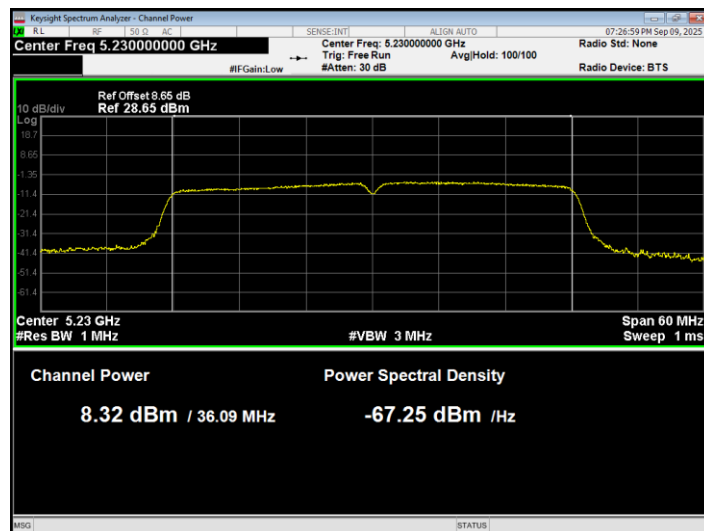
Power NVNT n20 5240MHz Ant1



Power NVNT n40 5190MHz Ant1



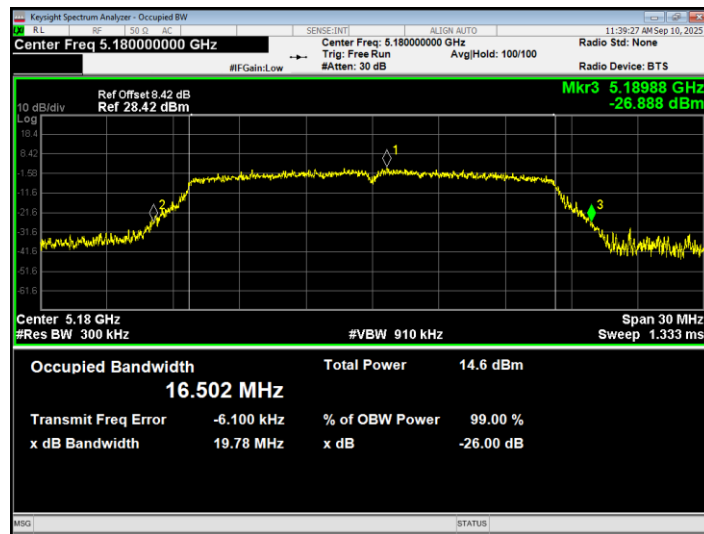
Power NVNT n40 5230MHz Ant1



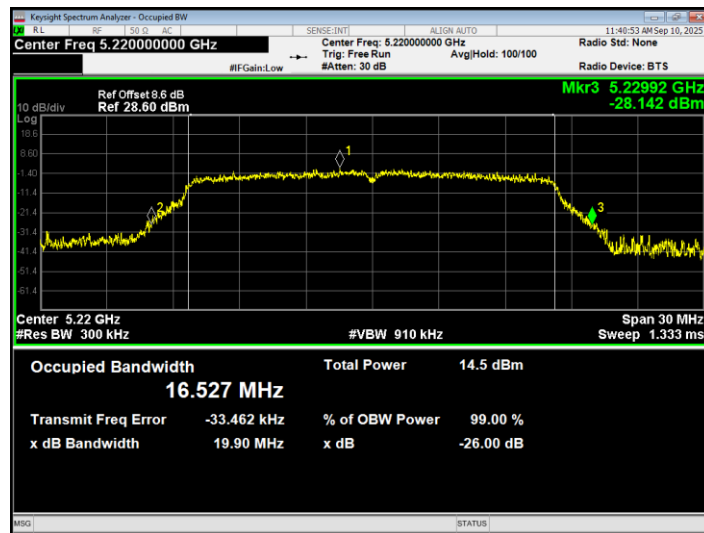
3. -26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.78	Pass
NVNT	a	5220	Ant1	19.9	Pass
NVNT	a	5240	Ant1	19.73	Pass
NVNT	ac20	5180	Ant1	20.43	Pass
NVNT	ac20	5220	Ant1	20.42	Pass
NVNT	ac20	5240	Ant1	20.31	Pass
NVNT	ac40	5190	Ant1	40.36	Pass
NVNT	ac40	5230	Ant1	40.58	Pass
NVNT	ax20	5180	Ant1	20.36	Pass
NVNT	ax20	5220	Ant1	20.49	Pass
NVNT	ax20	5240	Ant1	20.46	Pass
NVNT	ax40	5190	Ant1	40.41	Pass
NVNT	ax40	5230	Ant1	40.81	Pass
NVNT	n20	5180	Ant1	20.28	Pass
NVNT	n20	5220	Ant1	20.69	Pass
NVNT	n20	5240	Ant1	20.29	Pass
NVNT	n40	5190	Ant1	40.33	Pass
NVNT	n40	5230	Ant1	40.91	Pass

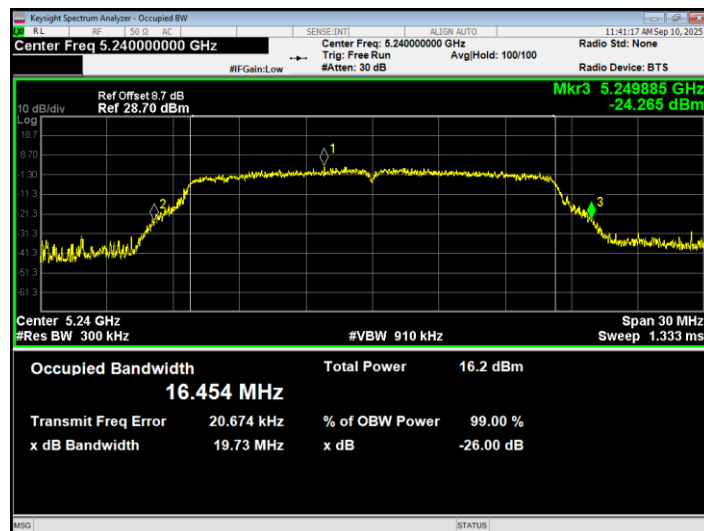
-26dB Bandwidth NVNT a 5180MHz Ant1



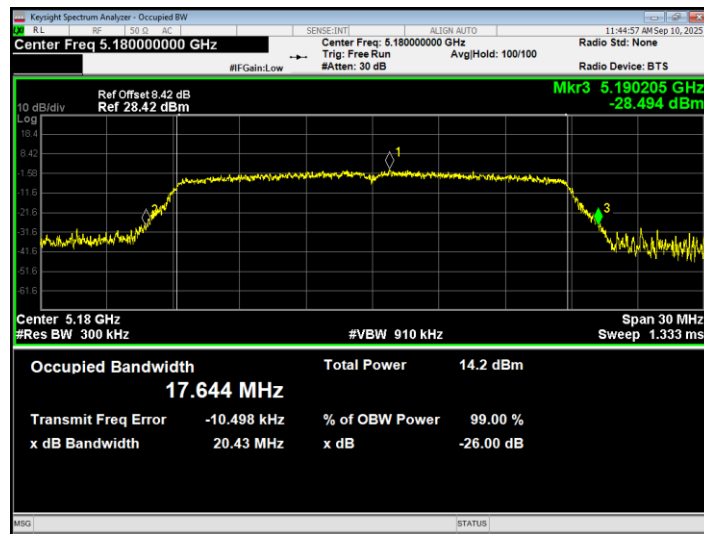
-26dB Bandwidth NVNT a 5220MHz Ant1



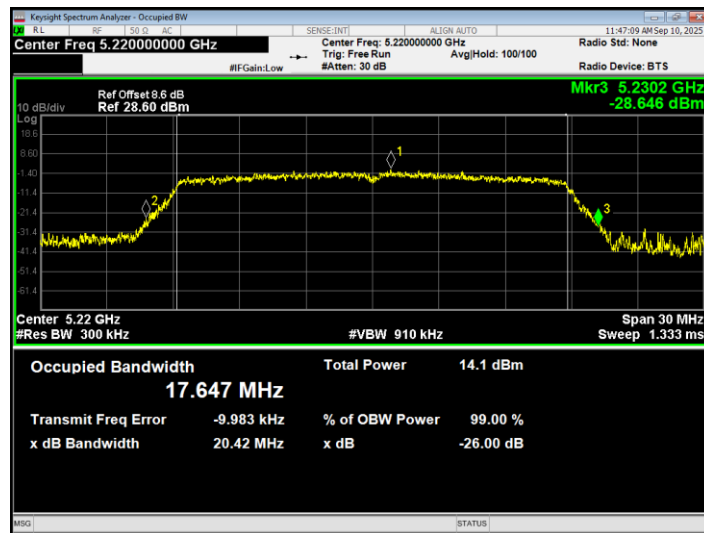
-26dB Bandwidth NVNT a 5240MHz Ant1



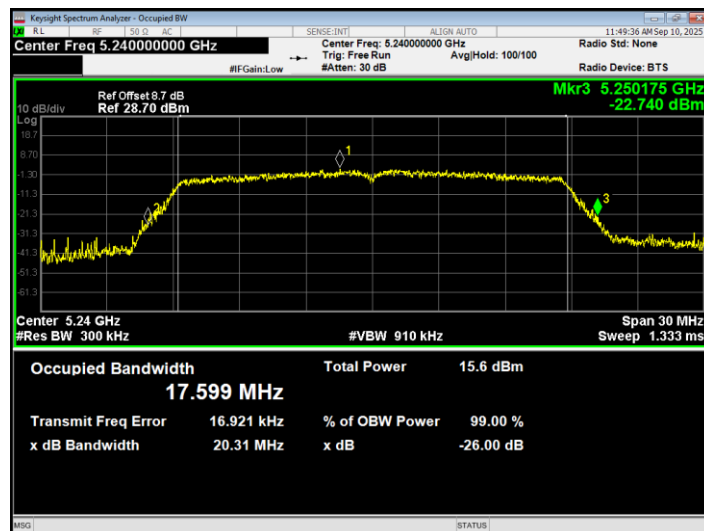
-26dB Bandwidth NVNT ac20 5180MHz Ant1



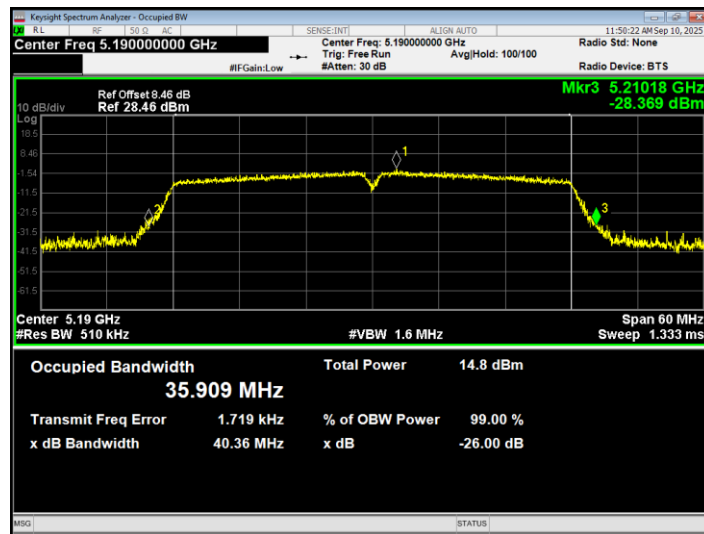
-26dB Bandwidth NVNT ac20 5220MHz Ant1



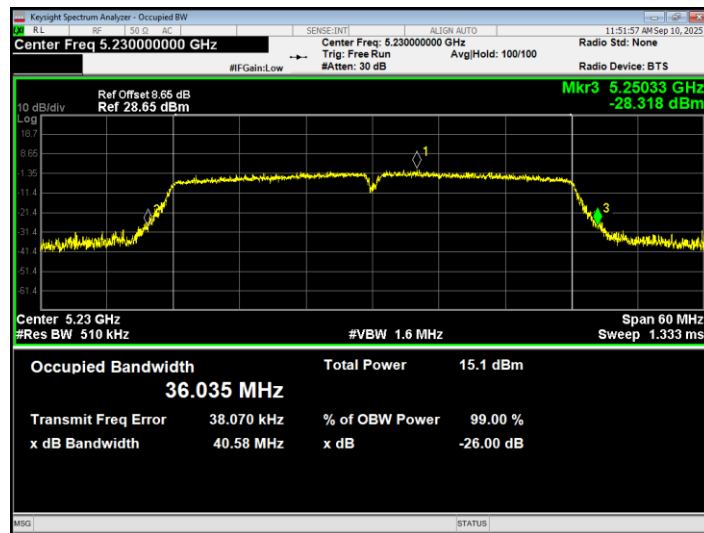
-26dB Bandwidth NVNT ac20 5240MHz Ant1



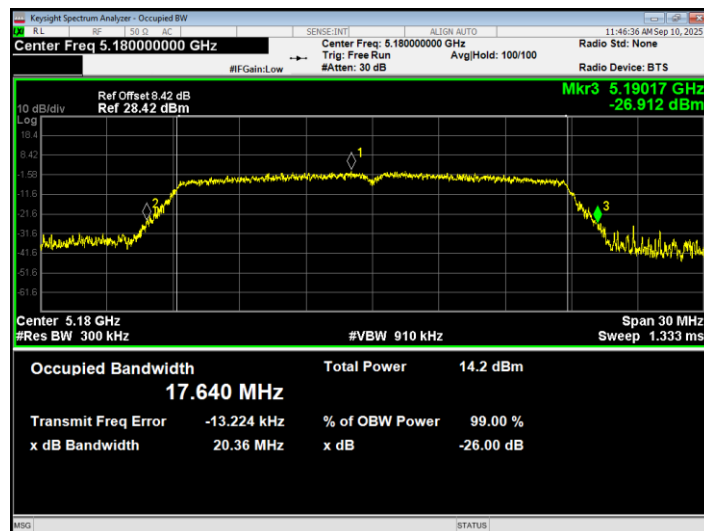
-26dB Bandwidth NVNT ac40 5190MHz Ant1



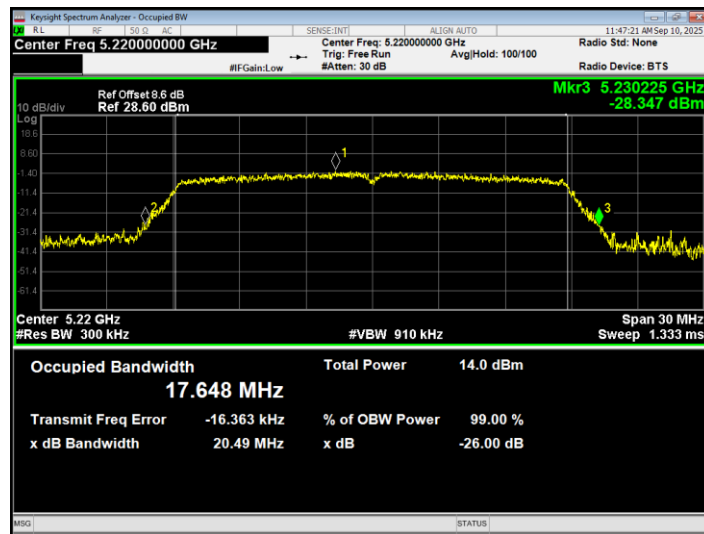
-26dB Bandwidth NVNT ac40 5230MHz Ant1



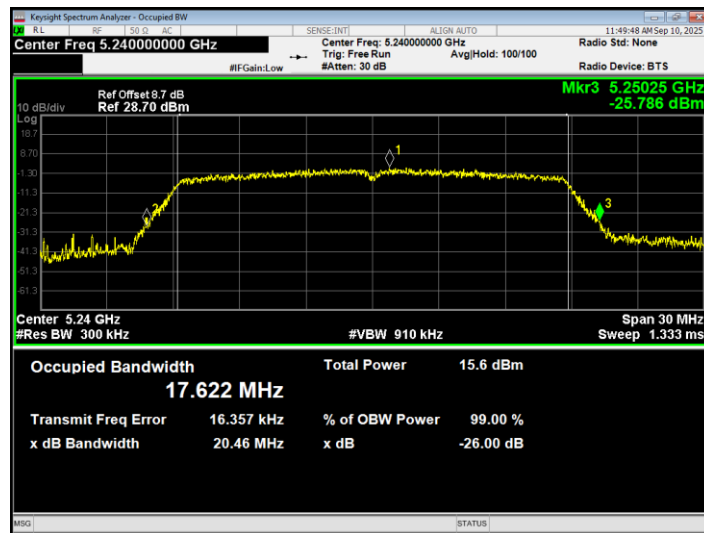
-26dB Bandwidth NVNT ax20 5180MHz Ant1



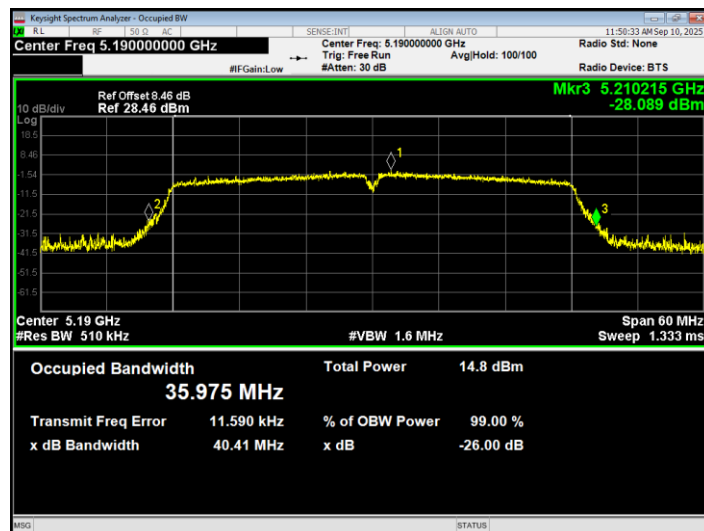
-26dB Bandwidth NVNT ax20 5220MHz Ant1



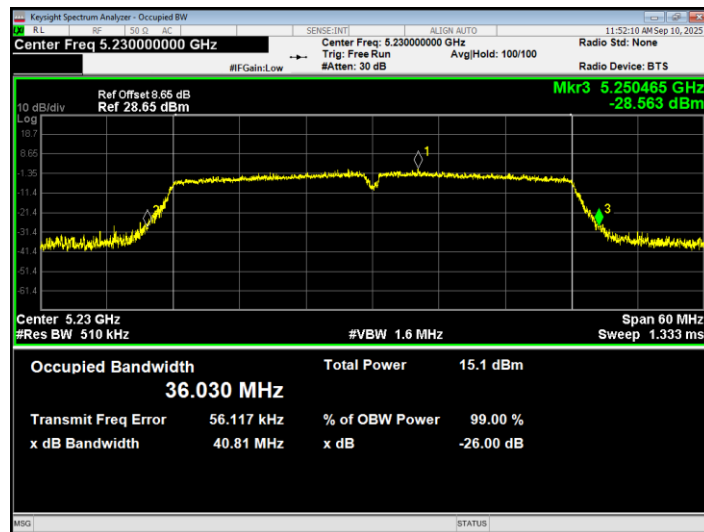
-26dB Bandwidth NVNT ax20 5240MHz Ant1



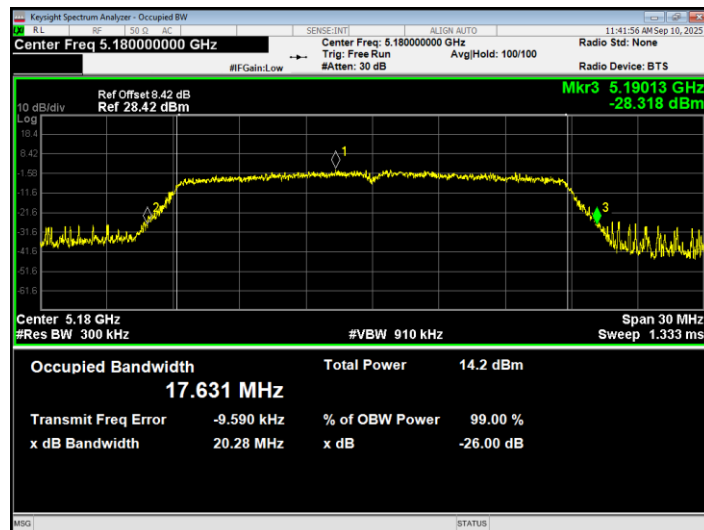
-26dB Bandwidth NVNT ax40 5190MHz Ant1



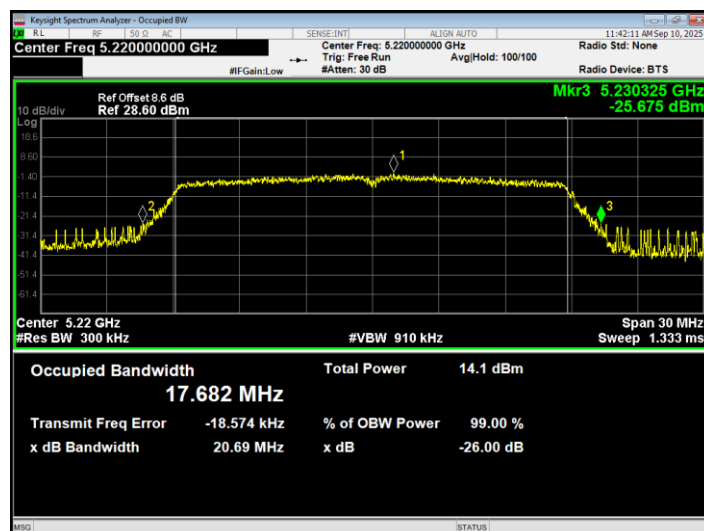
-26dB Bandwidth NVNT ax40 5230MHz Ant1



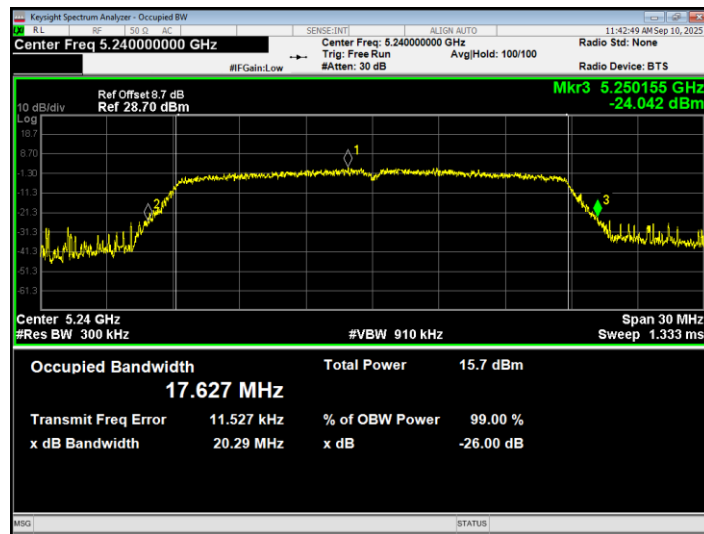
-26dB Bandwidth NVNT n20 5180MHz Ant1



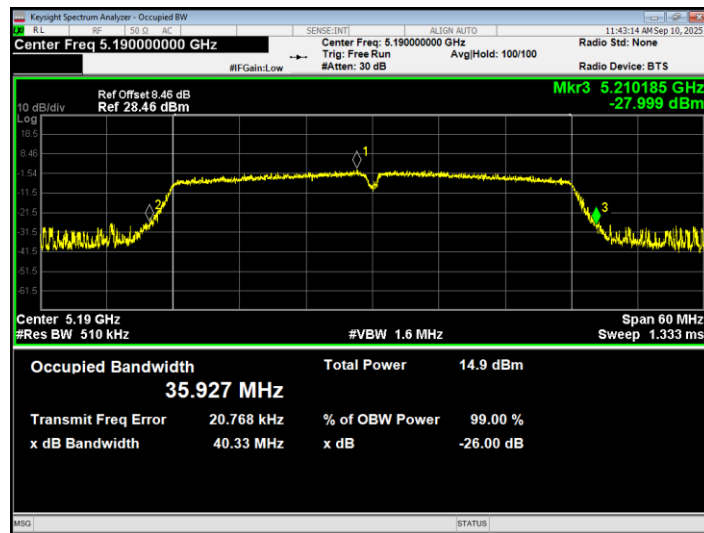
-26dB Bandwidth NVNT n20 5220MHz Ant1



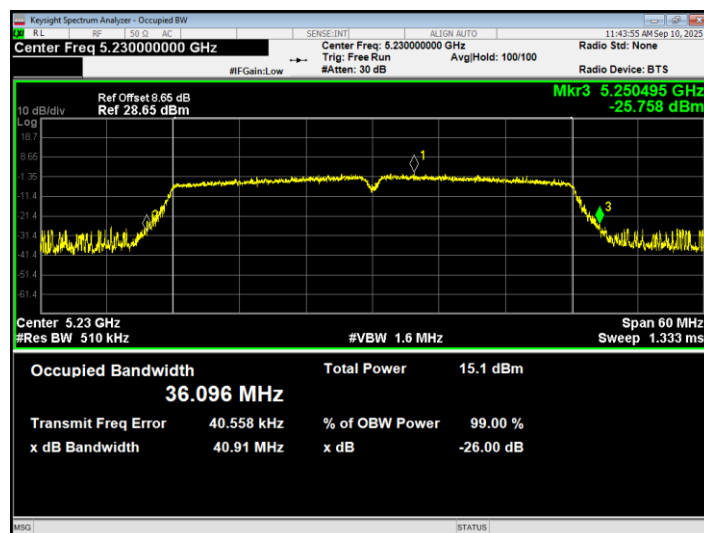
-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



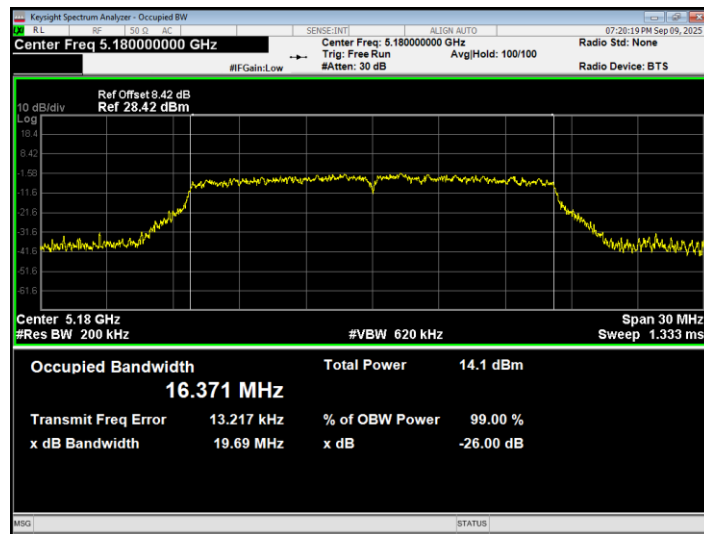
-26dB Bandwidth NVNT n40 5230MHz Ant1



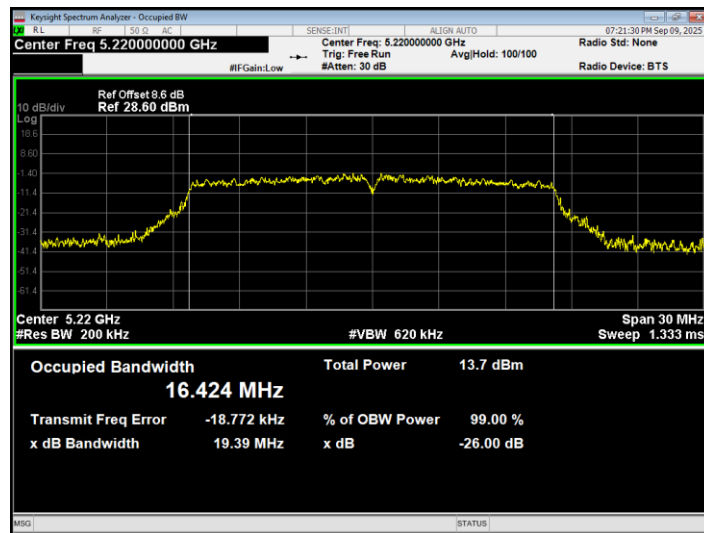
4. Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.37052716
NVNT	a	5220	Ant1	16.42361827
NVNT	a	5240	Ant1	16.2937621
NVNT	ac20	5180	Ant1	17.62346609
NVNT	ac20	5220	Ant1	17.65783911
NVNT	ac20	5240	Ant1	17.50625821
NVNT	ac40	5190	Ant1	35.85191447
NVNT	ac40	5230	Ant1	36.1577889
NVNT	ax20	5180	Ant1	17.60504946
NVNT	ax20	5220	Ant1	17.62094132
NVNT	ax20	5240	Ant1	17.48597087
NVNT	ax40	5190	Ant1	35.85819841
NVNT	ax40	5230	Ant1	36.07498672
NVNT	n20	5180	Ant1	17.62190875
NVNT	n20	5220	Ant1	17.62295391
NVNT	n20	5240	Ant1	17.50001683
NVNT	n40	5190	Ant1	35.90324406
NVNT	n40	5230	Ant1	36.09343019

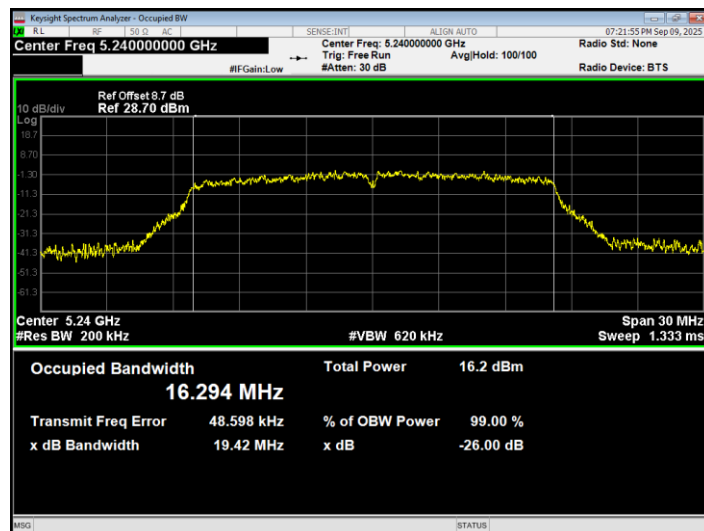
OBW NVNT a 5180MHz Ant1



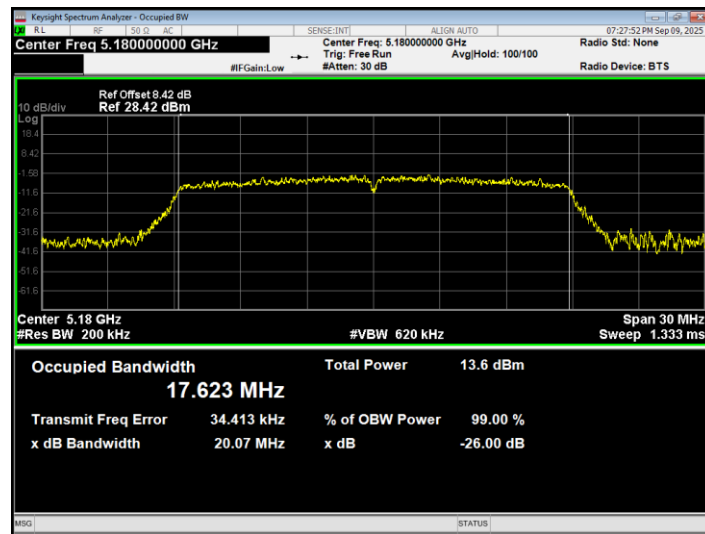
OBW NVNT a 5220MHz Ant1



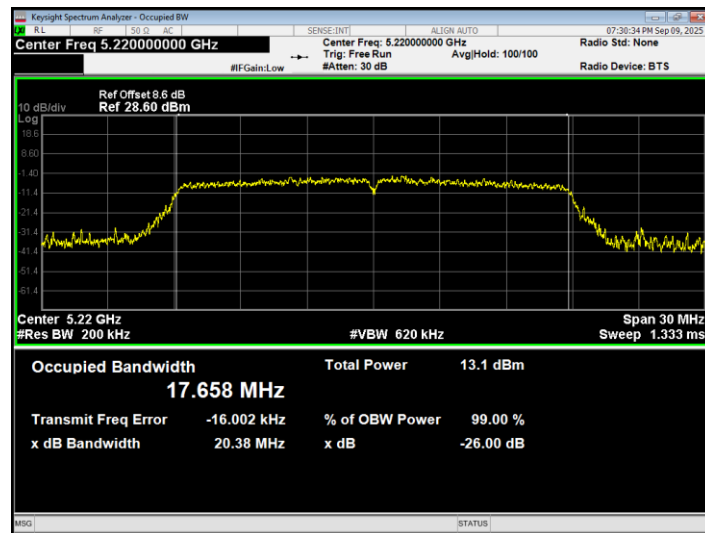
OBW NVNT a 5240MHz Ant1



OBW NVNT ac20 5180MHz Ant1



OBW NVNT ac20 5220MHz Ant1



OBW NVNT ac20 5240MHz Ant1

