

ANNEX 1 TEST DATA

FCC ID: 2BR3I-FS210PA

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-A
O1-A, O1Pro-A, O1Max-A

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

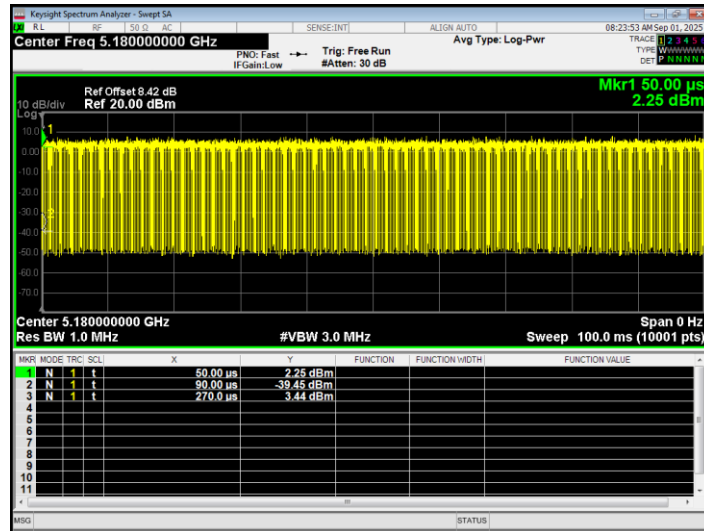
Applicable Standards: FCC PART 15 E 15.2407
ANSI C63.10-2020

Test Result: Pass

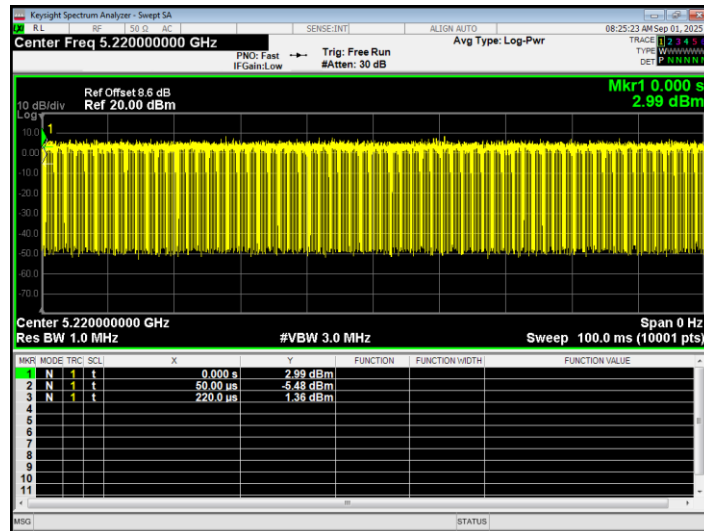
1. Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	81.82	0.87
NVNT	a	5220	Ant1	77.27	1.12
NVNT	a	5240	Ant1	81.82	0.87
NVNT	ac20	5180	Ant1	97.06	0.13
NVNT	ac20	5220	Ant1	97.06	0.13
NVNT	ac20	5240	Ant1	96.32	0.16
NVNT	ac40	5190	Ant1	94.2	0.26
NVNT	ac40	5230	Ant1	94.2	0.26
NVNT	ax20	5180	Ant1	97.06	0.13
NVNT	ax20	5220	Ant1	97.04	0.13
NVNT	ax20	5240	Ant1	97.04	0.13
NVNT	ax40	5190	Ant1	92.86	0.32
NVNT	ax40	5230	Ant1	94.29	0.26
NVNT	n20	5180	Ant1	96.3	0.16
NVNT	n20	5220	Ant1	96.3	0.16
NVNT	n20	5240	Ant1	97.01	0.13
NVNT	n40	5190	Ant1	92.75	0.33
NVNT	n40	5230	Ant1	92.86	0.32

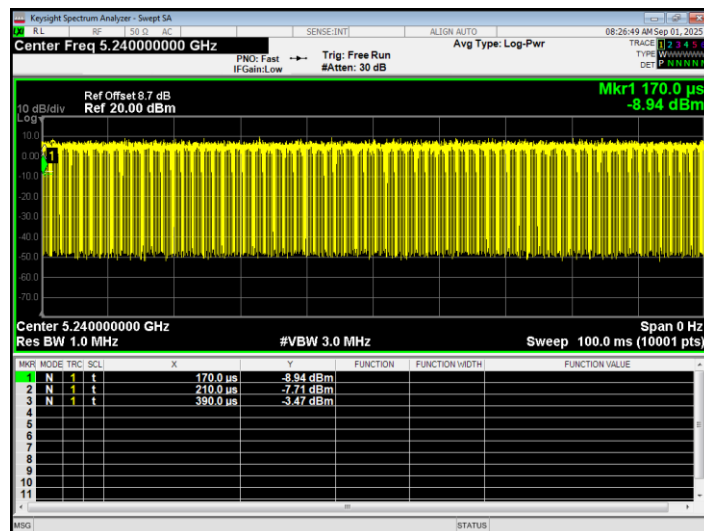
Duty Cycle NVNT a 5180MHz Ant1



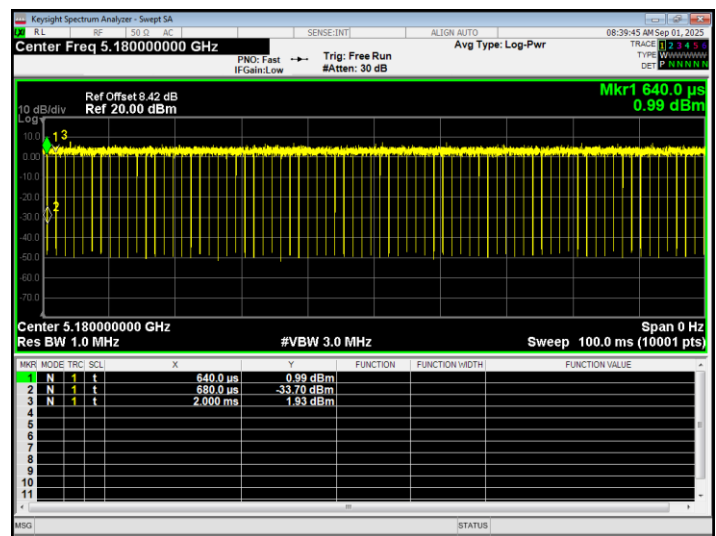
Duty Cycle NVNT a 5220MHz Ant1



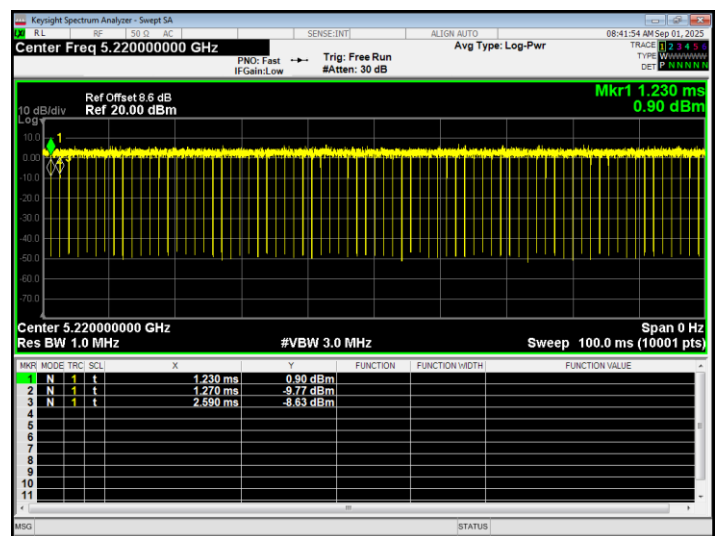
Duty Cycle NVNT a 5240MHz Ant1



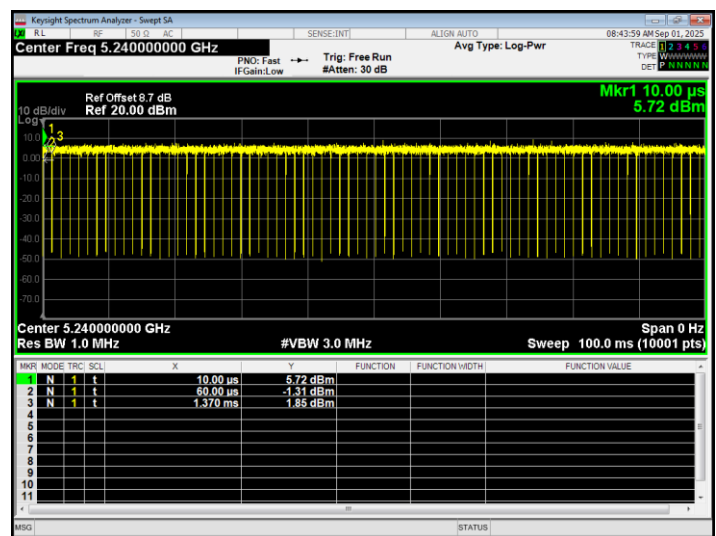
Duty Cycle NVNT ac20 5180MHz Ant1



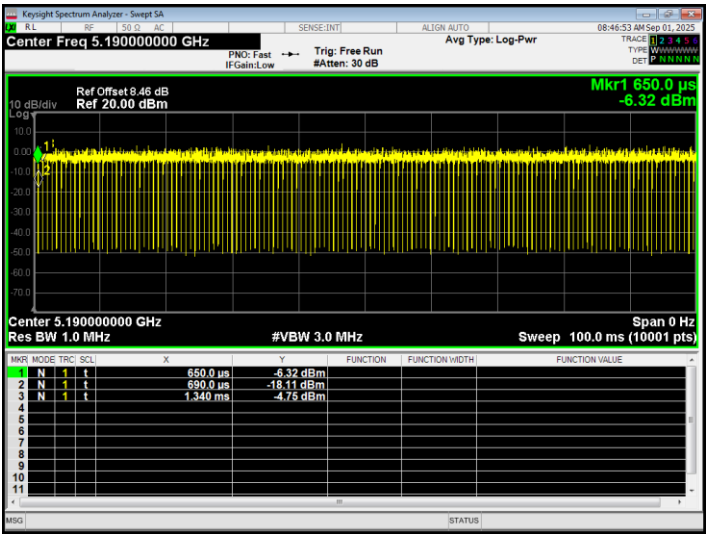
Duty Cycle NVNT ac20 5220MHz Ant1



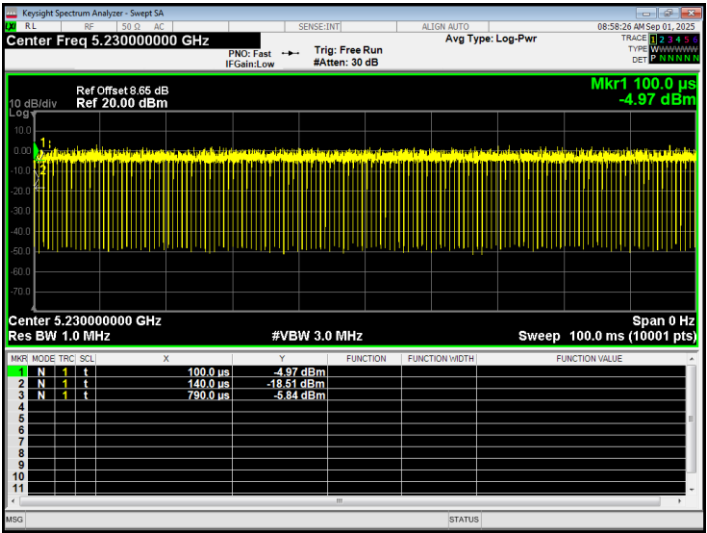
Duty Cycle NVNT ac20 5240MHz Ant1



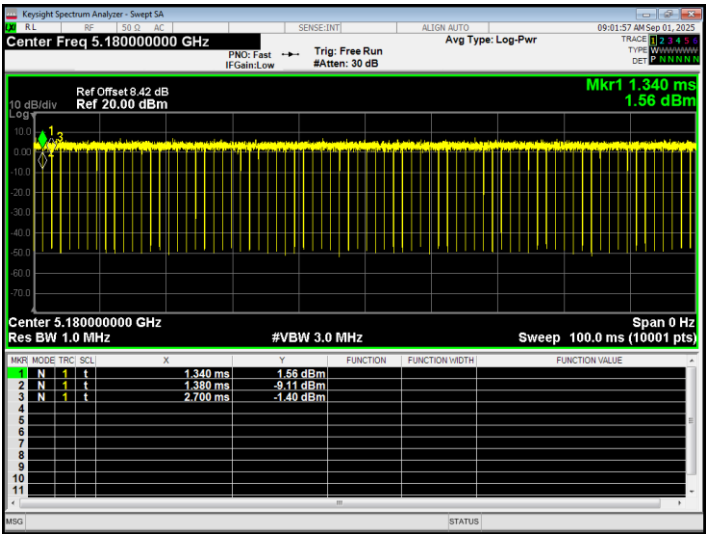
Duty Cycle NVNT ac40 5190MHz Ant1



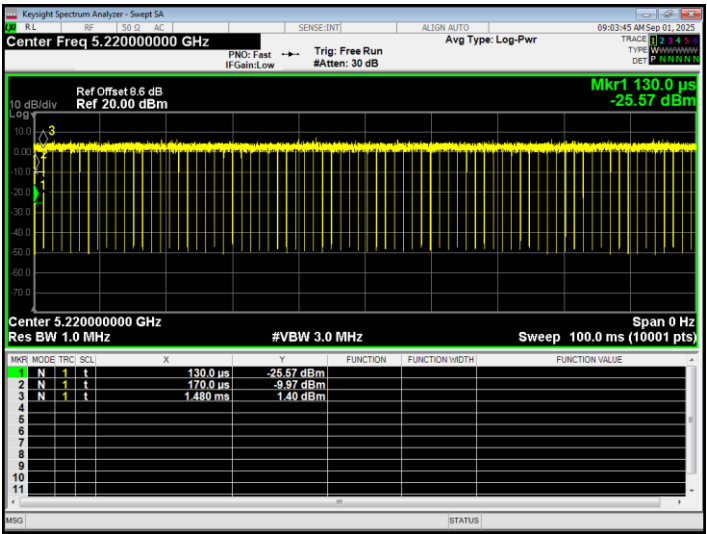
Duty Cycle NVNT ac40 5230MHz Ant1



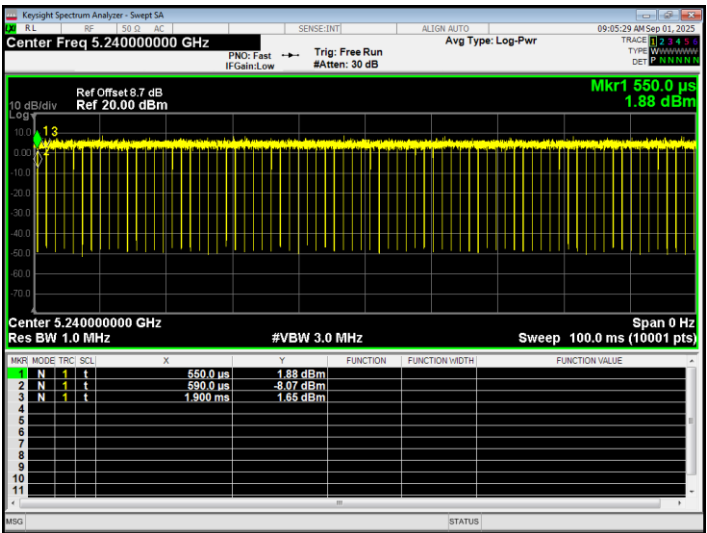
Duty Cycle NVNT ax20 5180MHz Ant1



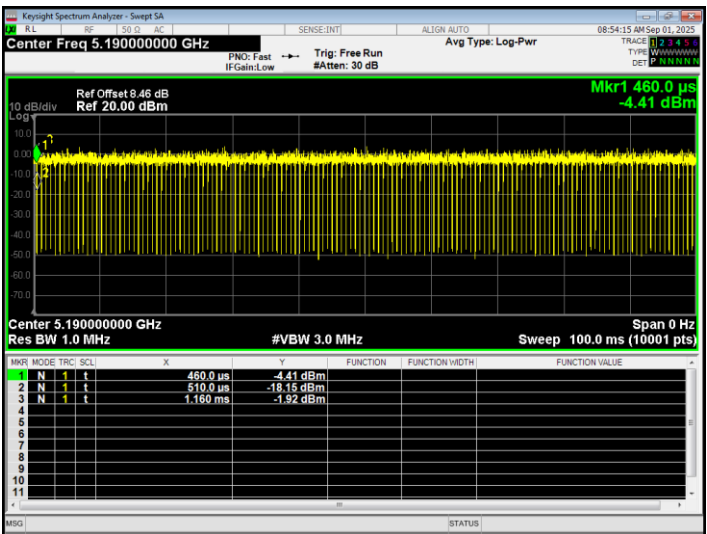
Duty Cycle NVNT ax20 5220MHz Ant1



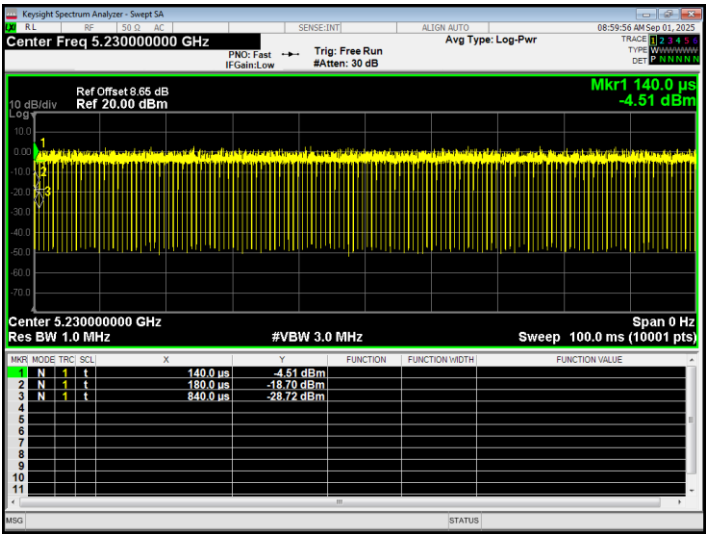
Duty Cycle NVNT ax20 5240MHz Ant1



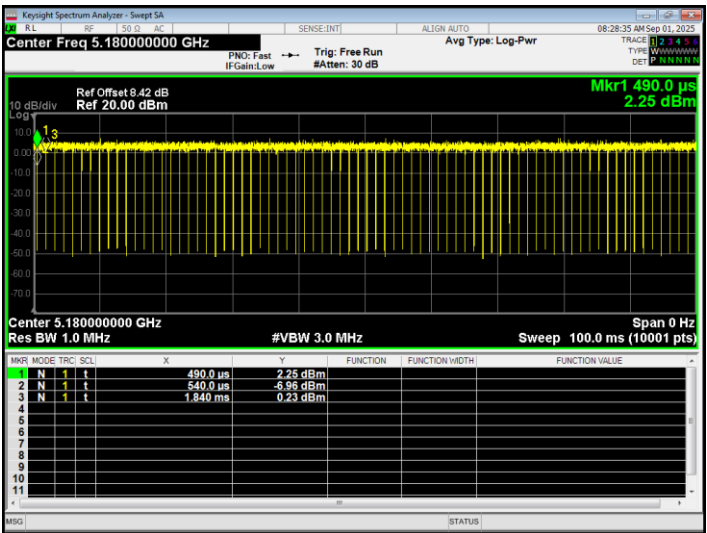
Duty Cycle NVNT ax40 5190MHz Ant1



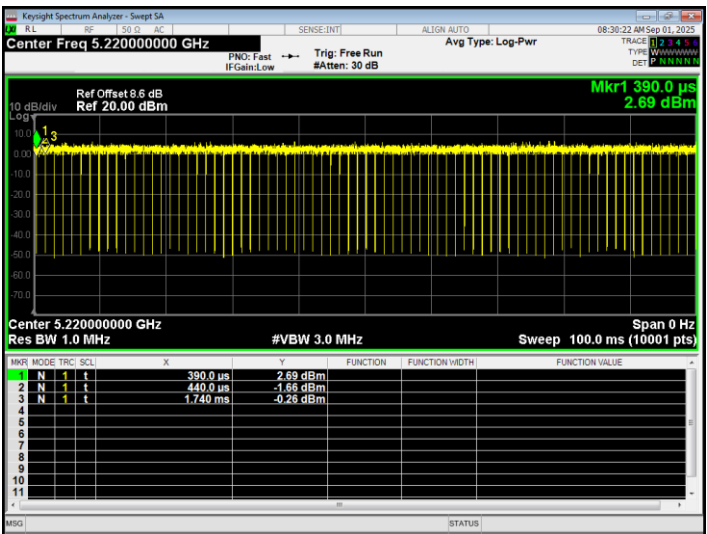
Duty Cycle NVNT ax40 5230MHz Ant1



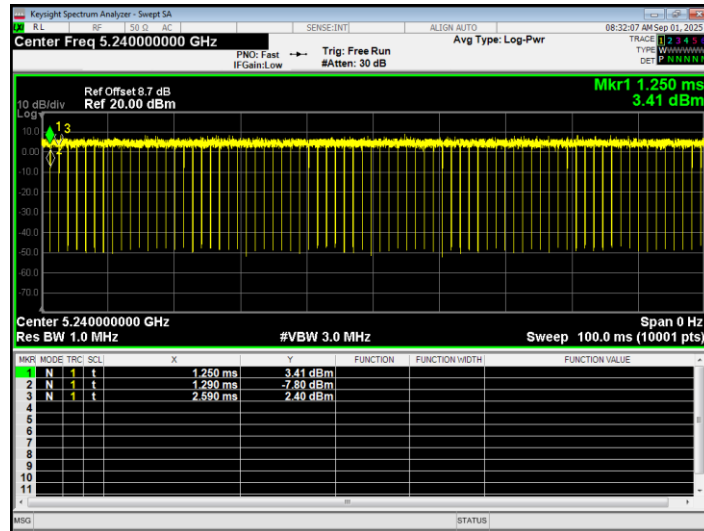
Duty Cycle NVNT n20 5180MHz Ant1



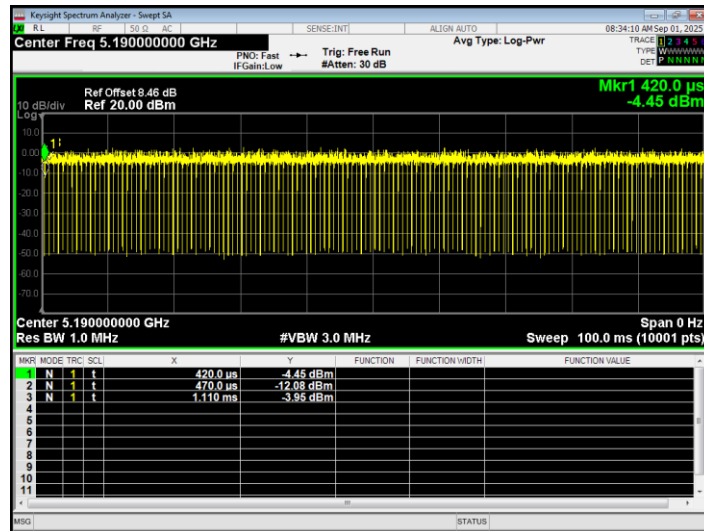
Duty Cycle NVNT n20 5220MHz Ant1



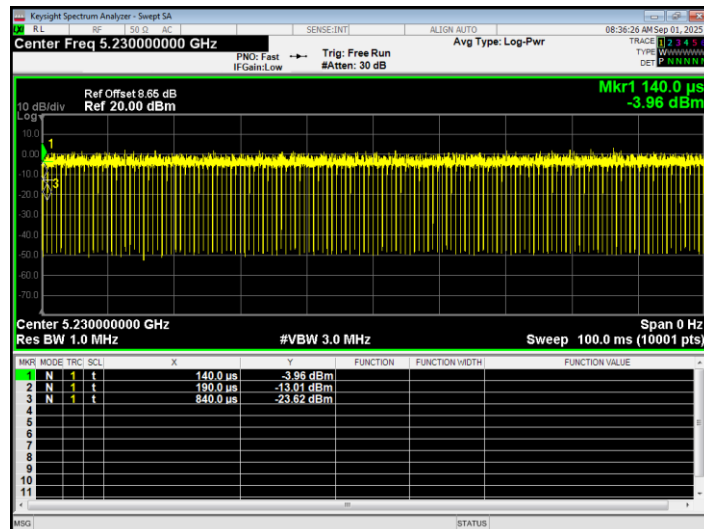
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



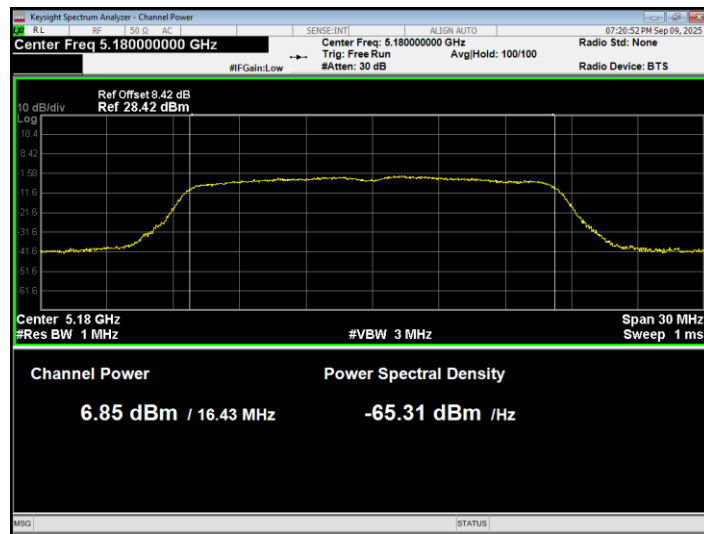
Duty Cycle NVNT n40 5230MHz Ant1



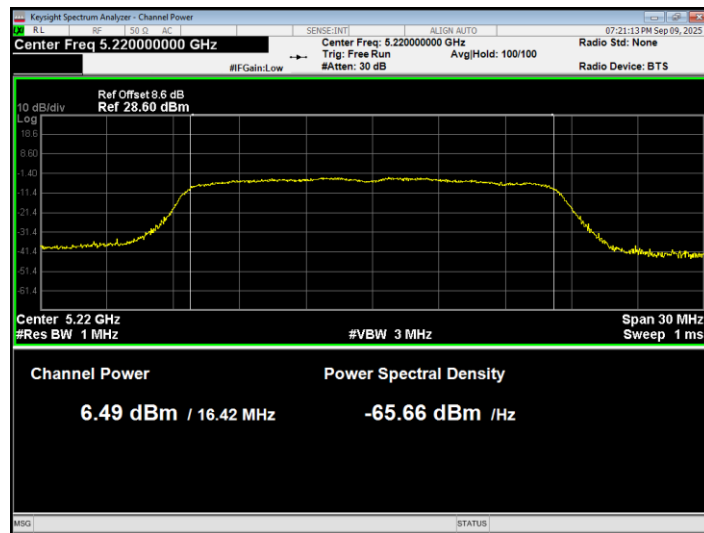
2. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	6.85	0.87	7.72	24	Pass
NVNT	a	5220	Ant1	6.49	1.12	7.61	24	Pass
NVNT	a	5240	Ant1	9.19	0.87	10.06	24	Pass
NVNT	ac20	5180	Ant1	7.75	0.13	7.88	24	Pass
NVNT	ac20	5220	Ant1	7.42	0.13	7.55	24	Pass
NVNT	ac20	5240	Ant1	9.87	0.16	10.03	24	Pass
NVNT	ac40	5190	Ant1	8.72	0.26	8.98	24	Pass
NVNT	ac40	5230	Ant1	8.34	0.26	8.60	24	Pass
NVNT	ax20	5180	Ant1	7.73	0.13	7.86	24	Pass
NVNT	ax20	5220	Ant1	7.40	0.13	7.53	24	Pass
NVNT	ax20	5240	Ant1	9.92	0.13	10.05	24	Pass
NVNT	ax40	5190	Ant1	8.71	0.32	9.03	24	Pass
NVNT	ax40	5230	Ant1	8.43	0.26	8.69	24	Pass
NVNT	n20	5180	Ant1	7.89	0.16	8.05	24	Pass
NVNT	n20	5220	Ant1	7.26	0.16	7.42	24	Pass
NVNT	n20	5240	Ant1	9.84	0.13	9.97	24	Pass
NVNT	n40	5190	Ant1	8.84	0.33	9.17	24	Pass
NVNT	n40	5230	Ant1	8.33	0.32	8.65	24	Pass

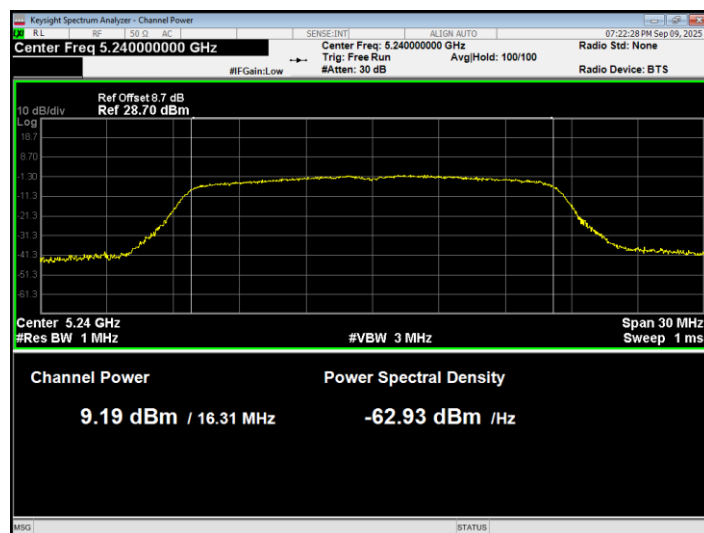
Power NVNT a 5180MHz Ant1



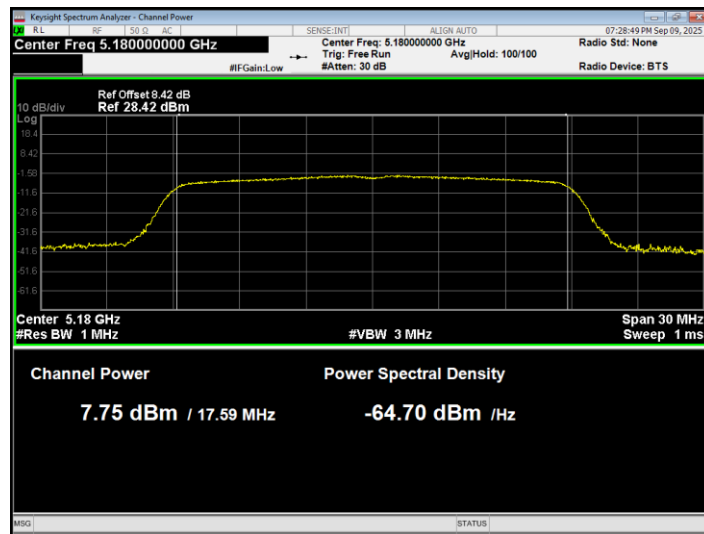
Power NVNT a 5220MHz Ant1



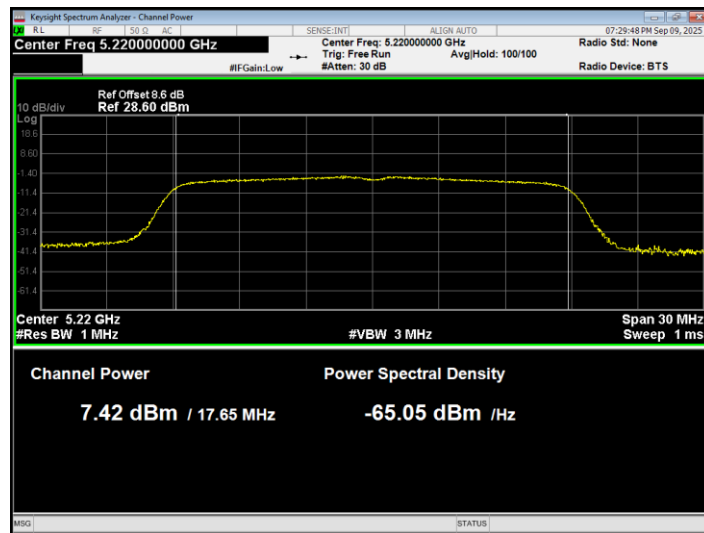
Power NVNT a 5240MHz Ant1



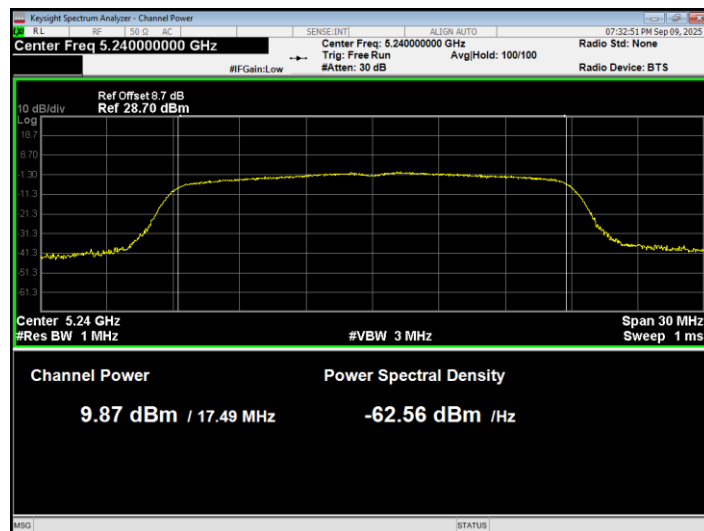
Power NVNT ac20 5180MHz Ant1



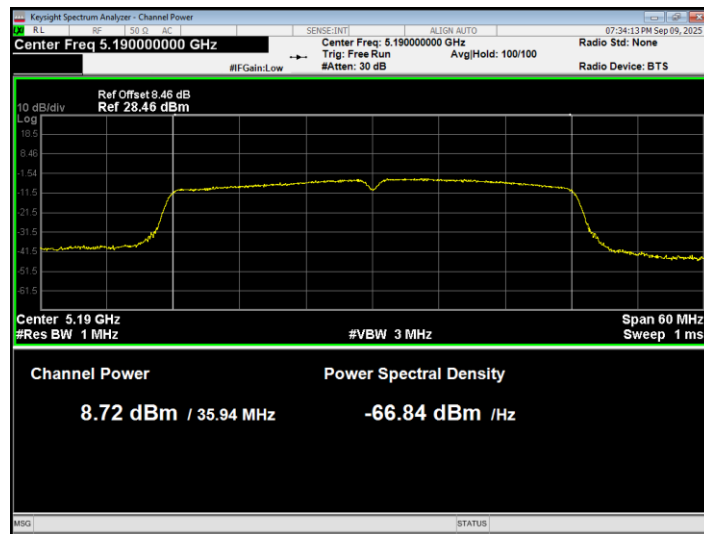
Power NVNT ac20 5220MHz Ant1



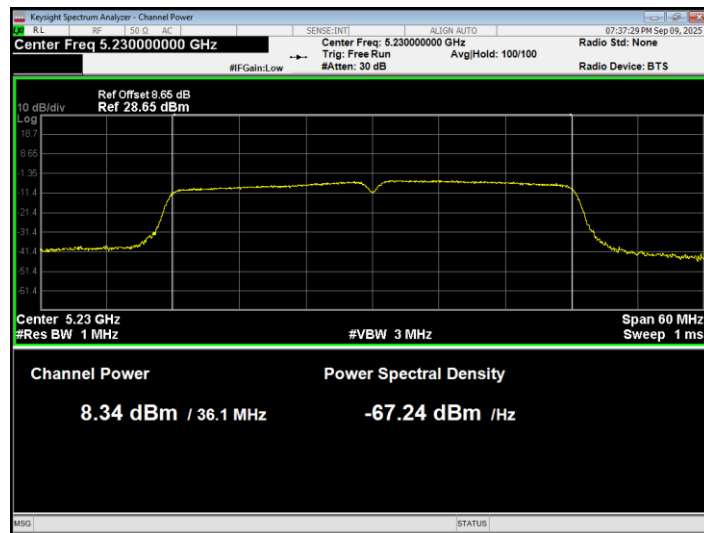
Power NVNT ac20 5240MHz Ant1



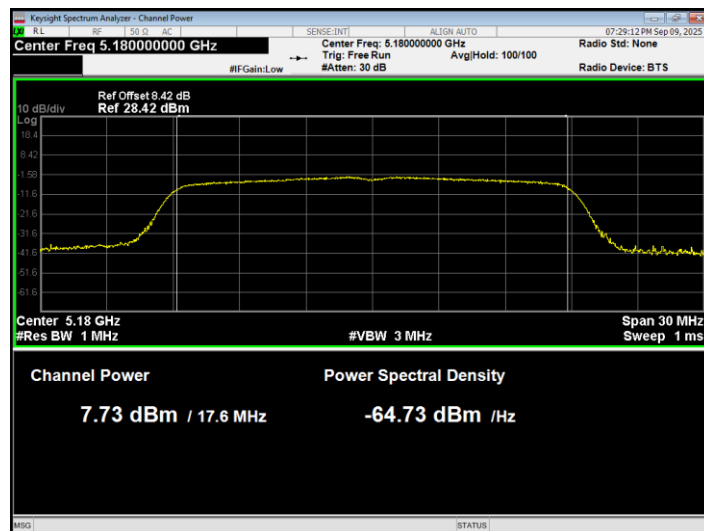
Power NVNT ac40 5190MHz Ant1



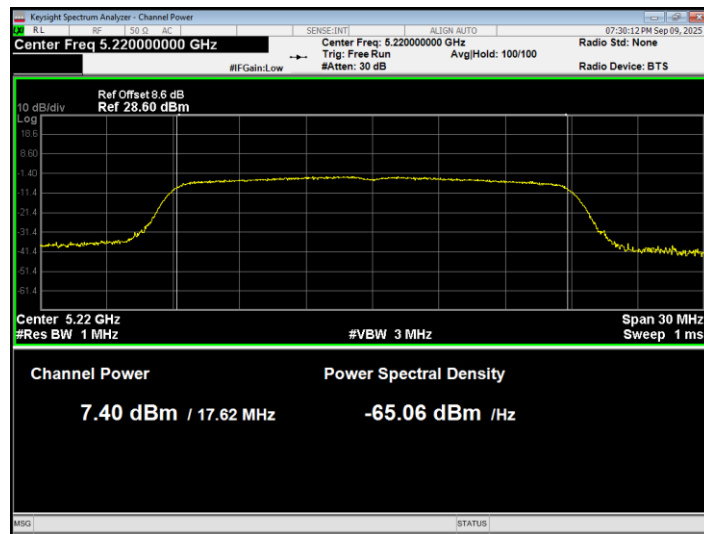
Power NVNT ac40 5230MHz Ant1



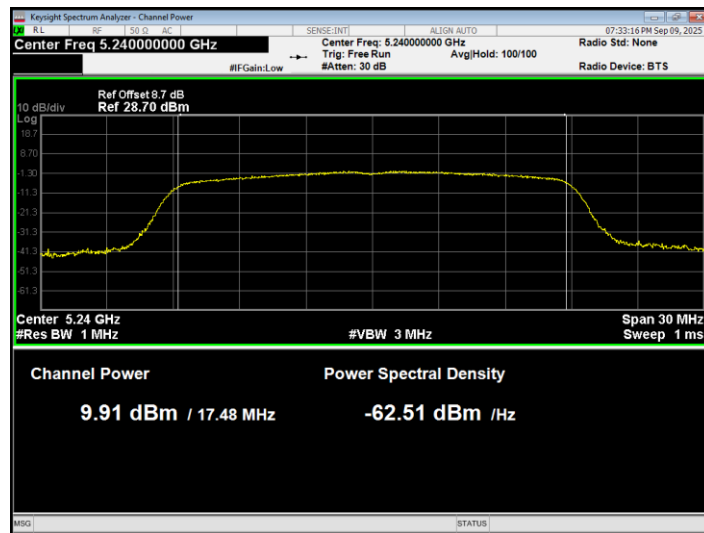
Power NVNT ax20 5180MHz Ant1



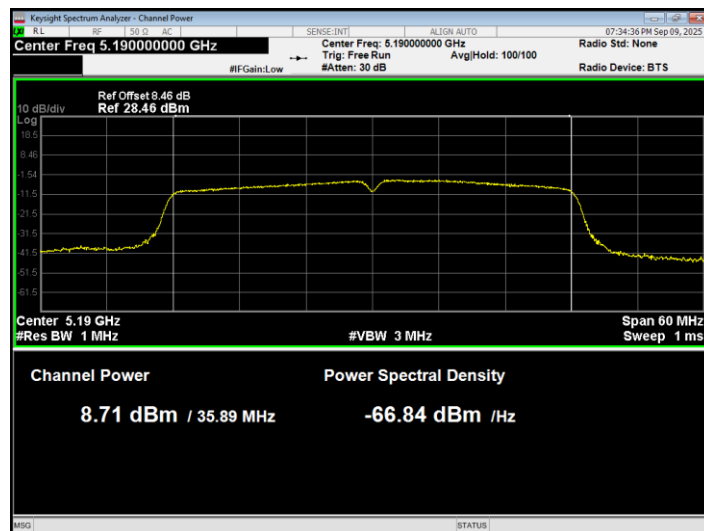
Power NVNT ax20 5220MHz Ant1



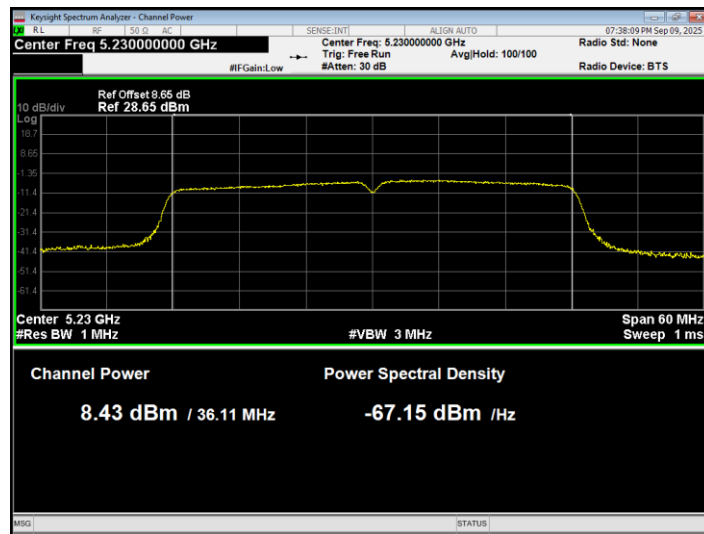
Power NVNT ax20 5240MHz Ant1



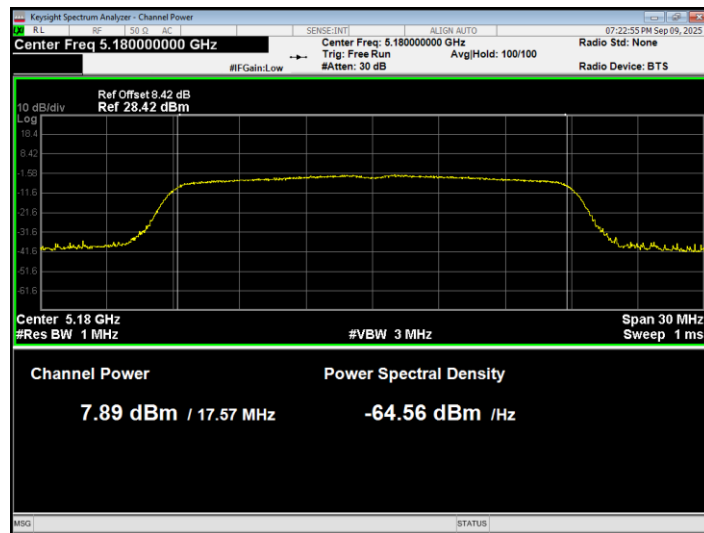
Power NVNT ax40 5190MHz Ant1



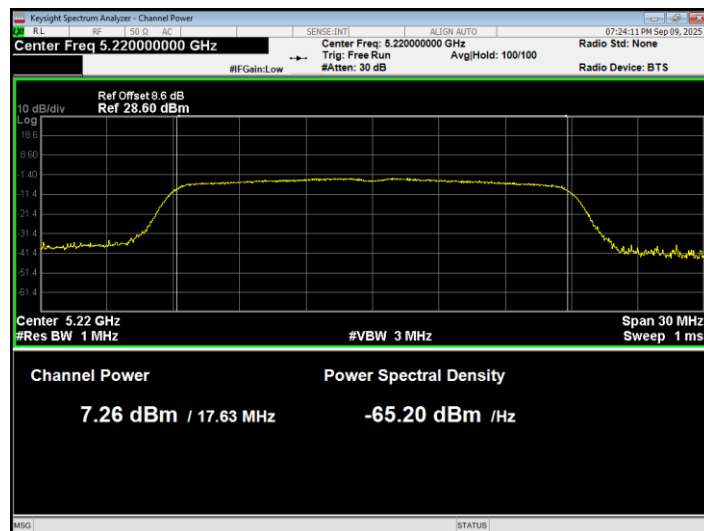
Power NVNT ax40 5230MHz Ant1



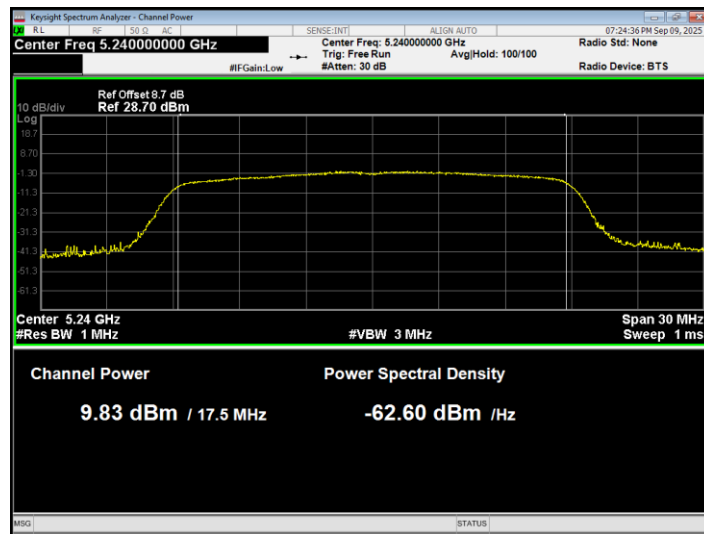
Power NVNT n20 5180MHz Ant1



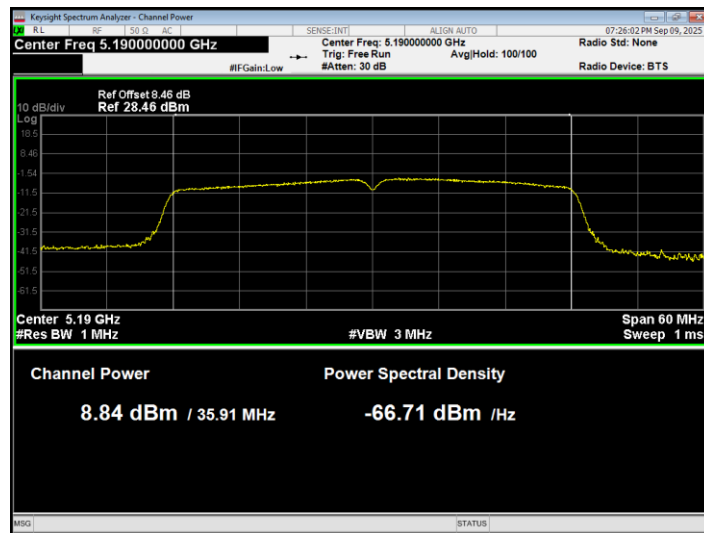
Power NVNT n20 5220MHz Ant1



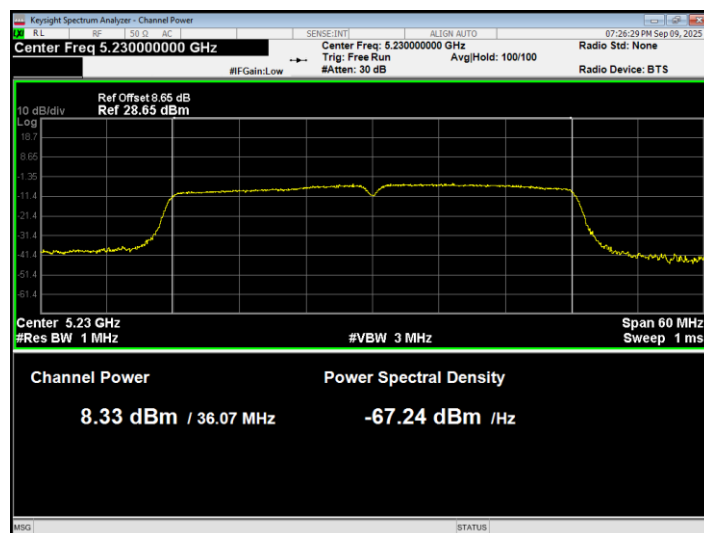
Power NVNT n20 5240MHz Ant1



Power NVNT n40 5190MHz Ant1



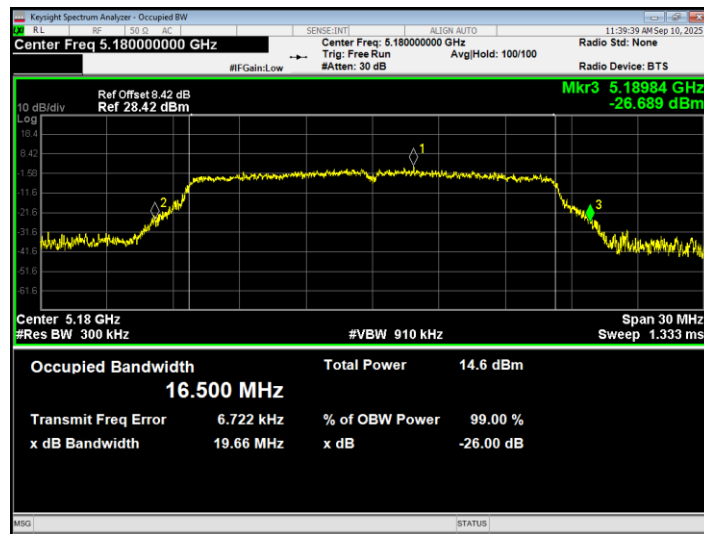
Power NVNT n40 5230MHz Ant1



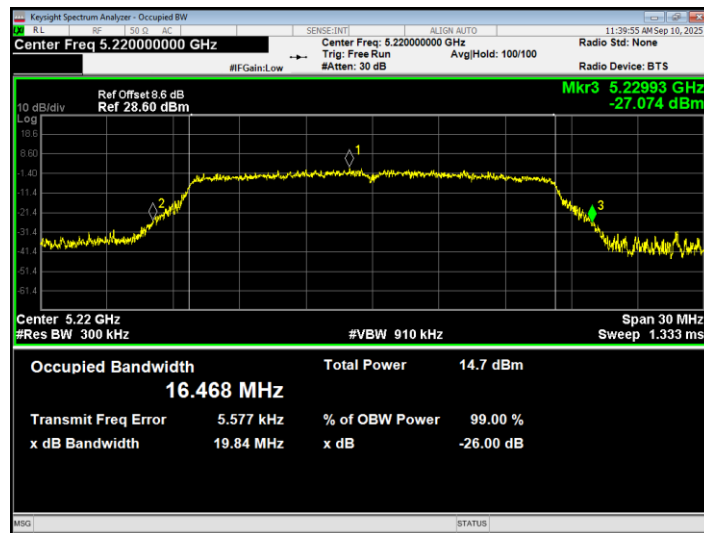
3. -26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.66	Pass
NVNT	a	5220	Ant1	19.84	Pass
NVNT	a	5240	Ant1	19.56	Pass
NVNT	ac20	5180	Ant1	20.22	Pass
NVNT	ac20	5220	Ant1	20.28	Pass
NVNT	ac20	5240	Ant1	20.09	Pass
NVNT	ac40	5190	Ant1	40.39	Pass
NVNT	ac40	5230	Ant1	40.45	Pass
NVNT	ax20	5180	Ant1	20.39	Pass
NVNT	ax20	5220	Ant1	20.38	Pass
NVNT	ax20	5240	Ant1	20.38	Pass
NVNT	ax40	5190	Ant1	40.54	Pass
NVNT	ax40	5230	Ant1	40.56	Pass
NVNT	n20	5180	Ant1	20.8	Pass
NVNT	n20	5220	Ant1	20.14	Pass
NVNT	n20	5240	Ant1	20.23	Pass
NVNT	n40	5190	Ant1	40.57	Pass
NVNT	n40	5230	Ant1	40.7	Pass

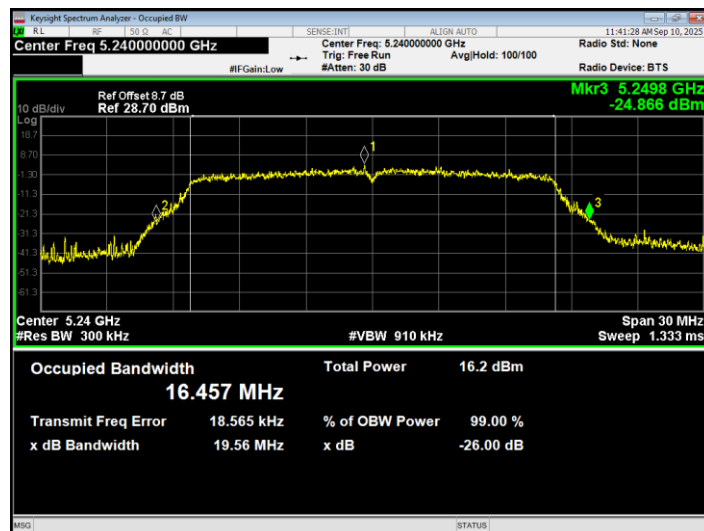
-26dB Bandwidth NVNT a 5180MHz Ant1



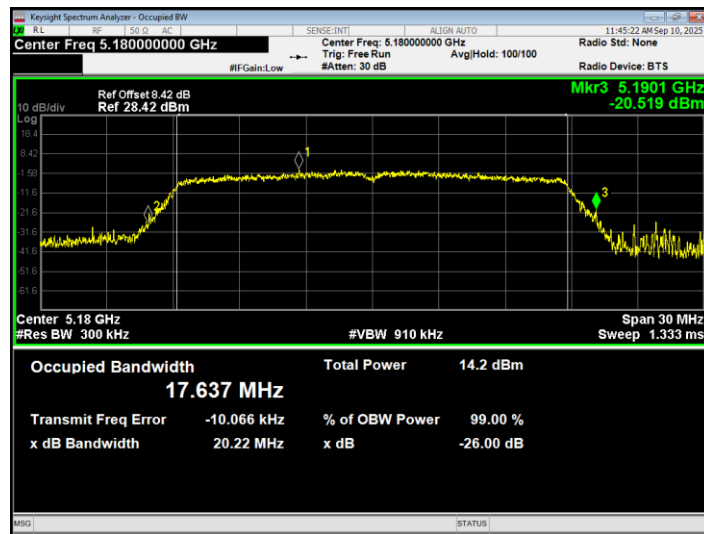
-26dB Bandwidth NVNT a 5220MHz Ant1



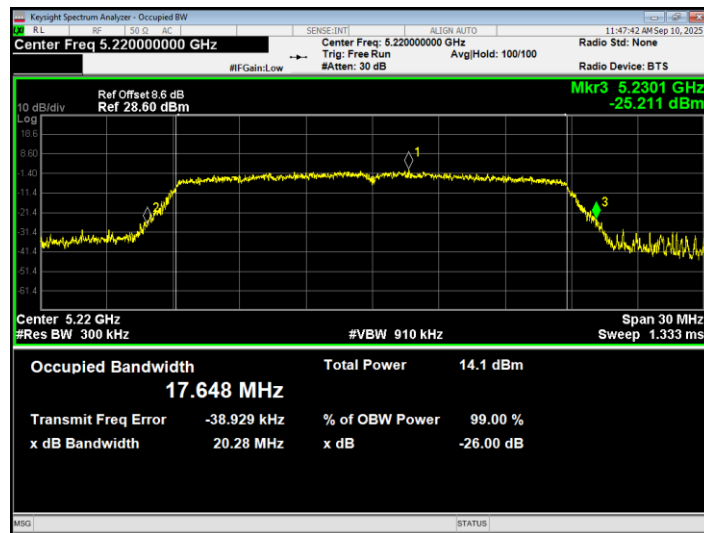
-26dB Bandwidth NVNT a 5240MHz Ant1



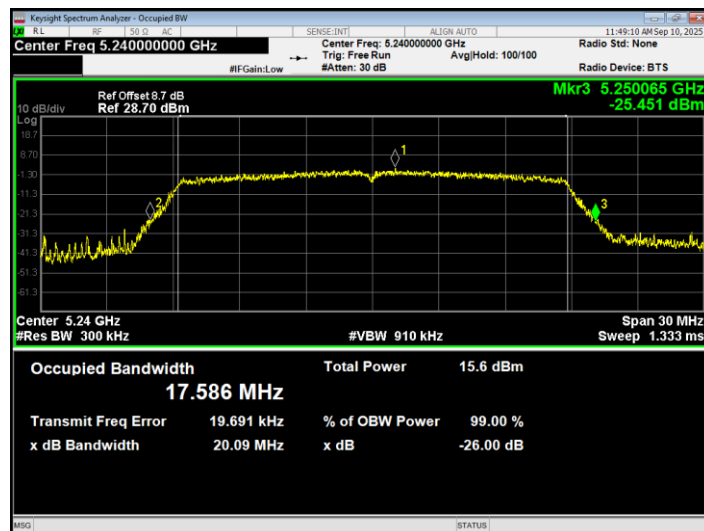
-26dB Bandwidth NVNT ac20 5180MHz Ant1



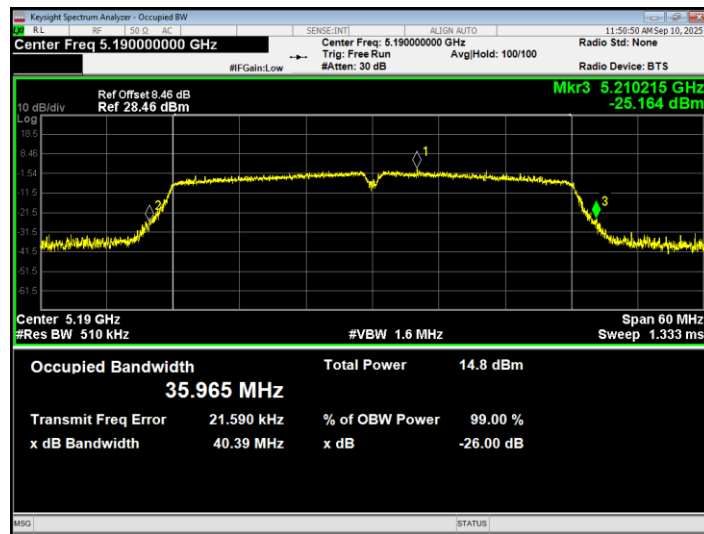
-26dB Bandwidth NVNT ac20 5220MHz Ant1



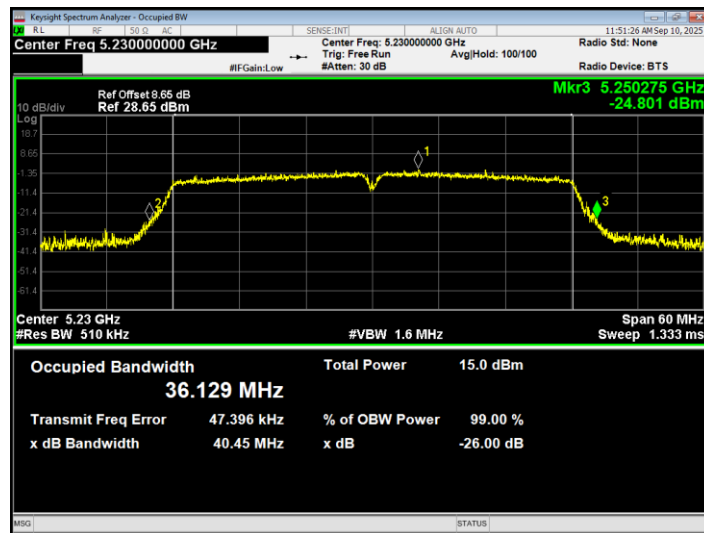
-26dB Bandwidth NVNT ac20 5240MHz Ant1



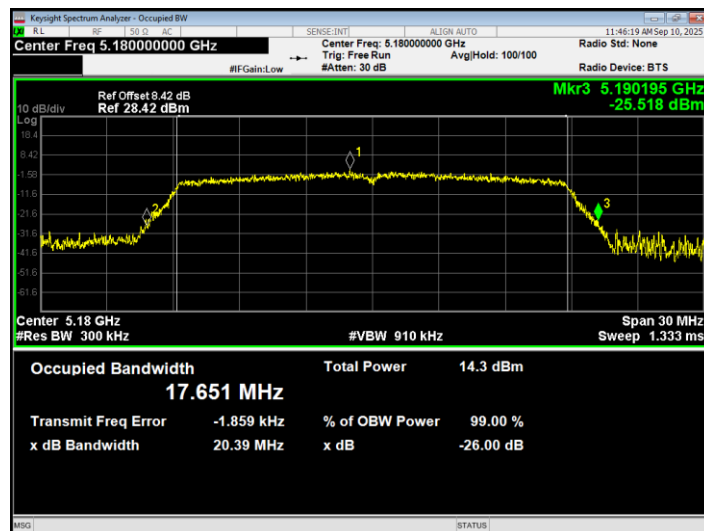
-26dB Bandwidth NVNT ac40 5190MHz Ant1



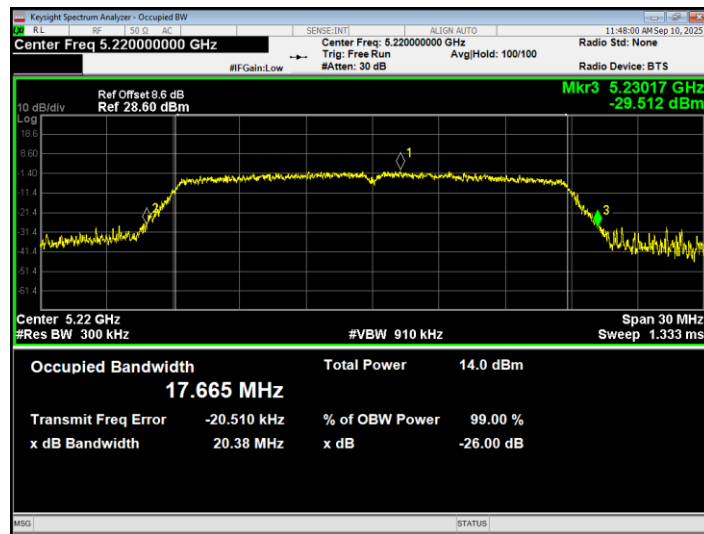
-26dB Bandwidth NVNT ac40 5230MHz Ant1



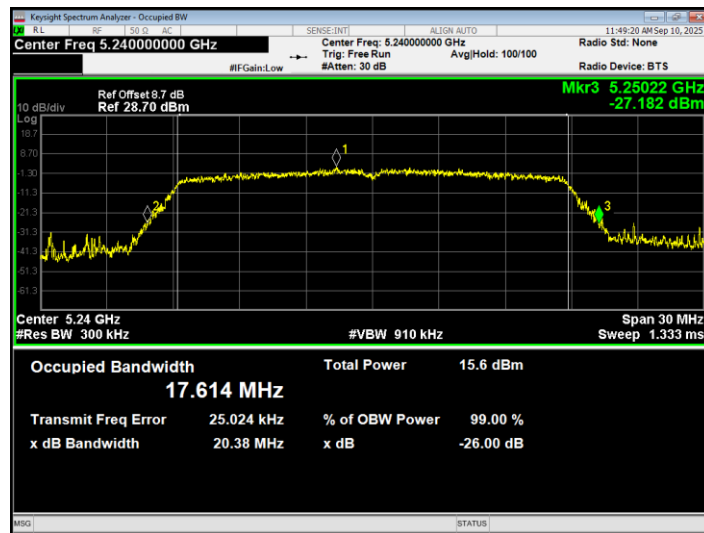
-26dB Bandwidth NVNT ax20 5180MHz Ant1



-26dB Bandwidth NVNT ax20 5220MHz Ant1



-26dB Bandwidth NVNT ax20 5240MHz Ant1



-26dB Bandwidth NVNT ax40 5190MHz Ant1

