

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

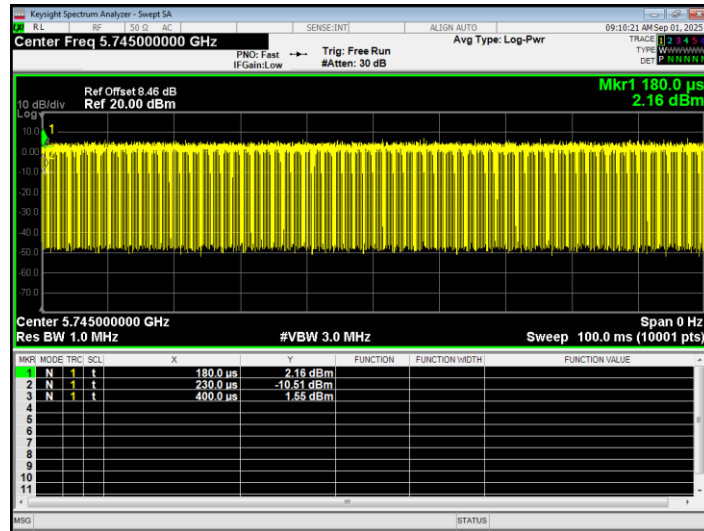
Applicable Standards: FCC PART 15 E 15.2407
ANSI C63.10-2020

Test Result: Pass

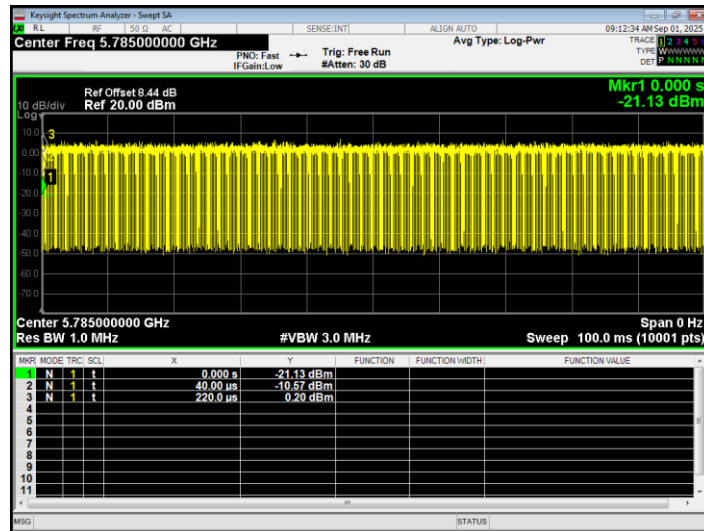
1. Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	77.27	1.12
NVNT	a	5785	Ant1	81.82	0.87
NVNT	a	5825	Ant1	81.82	0.87
NVNT	ac20	5745	Ant1	97.06	0.13
NVNT	ac20	5785	Ant1	97.04	0.13
NVNT	ac20	5825	Ant1	96.32	0.16
NVNT	ac40	5755	Ant1	94.2	0.26
NVNT	ac40	5795	Ant1	92.86	0.32
NVNT	ax20	5745	Ant1	96.32	0.16
NVNT	ax20	5785	Ant1	96.32	0.16
NVNT	ax20	5825	Ant1	97.04	0.13
NVNT	ax40	5755	Ant1	94.2	0.26
NVNT	ax40	5795	Ant1	94.29	0.26
NVNT	n20	5745	Ant1	96.3	0.16
NVNT	n20	5785	Ant1	97.01	0.13
NVNT	n20	5825	Ant1	97.01	0.13
NVNT	n40	5755	Ant1	94.2	0.26
NVNT	n40	5795	Ant1	94.2	0.26

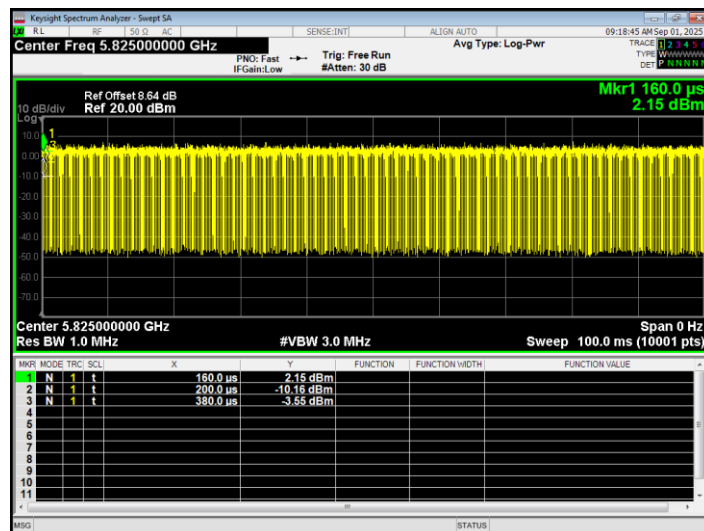
Duty Cycle NVNT a 5745MHz Ant1



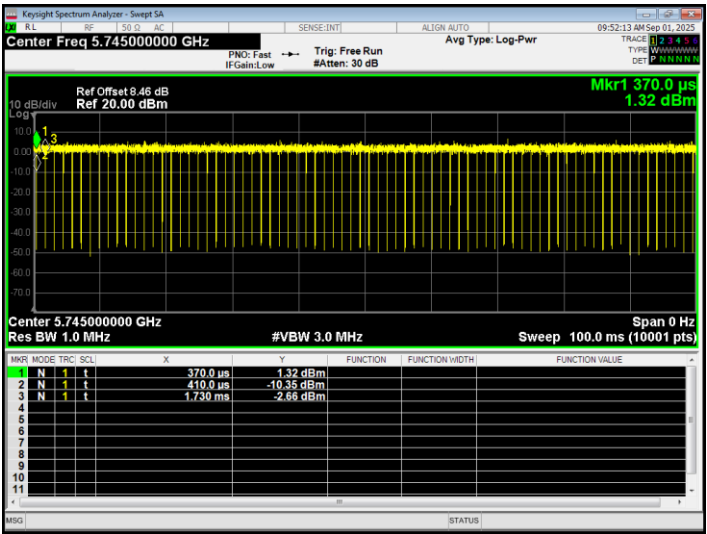
Duty Cycle NVNT a 5785MHz Ant1



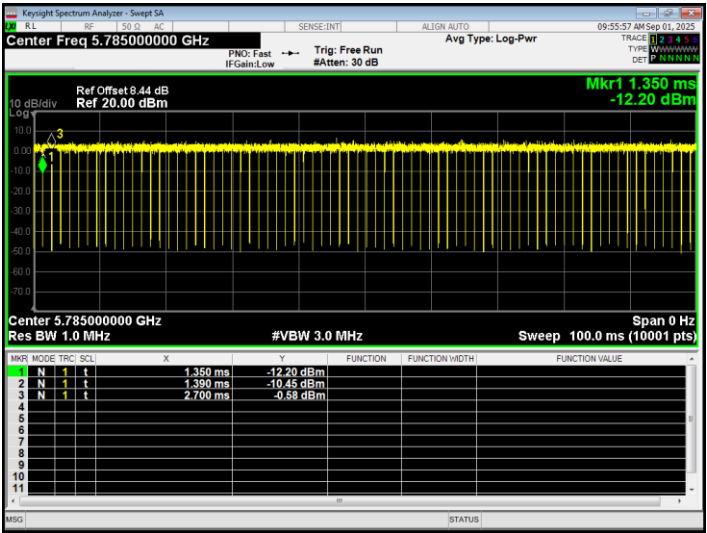
Duty Cycle NVNT a 5825MHz Ant1



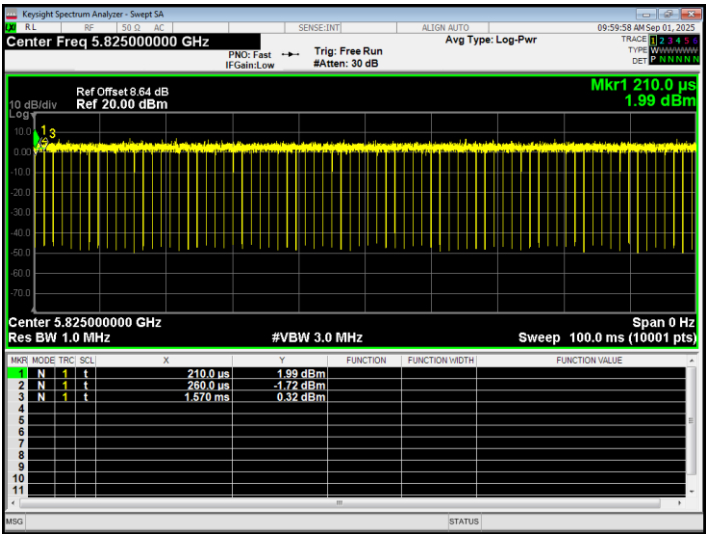
Duty Cycle NVNT ac20 5745MHz Ant1



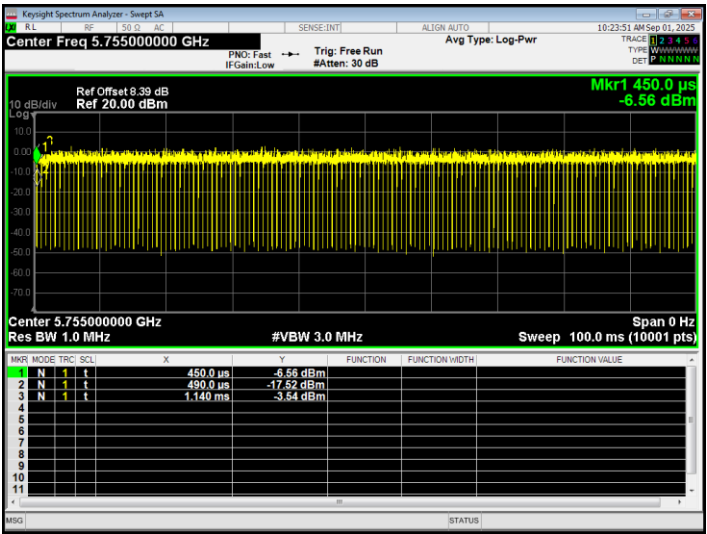
Duty Cycle NVNT ac20 5785MHz Ant1



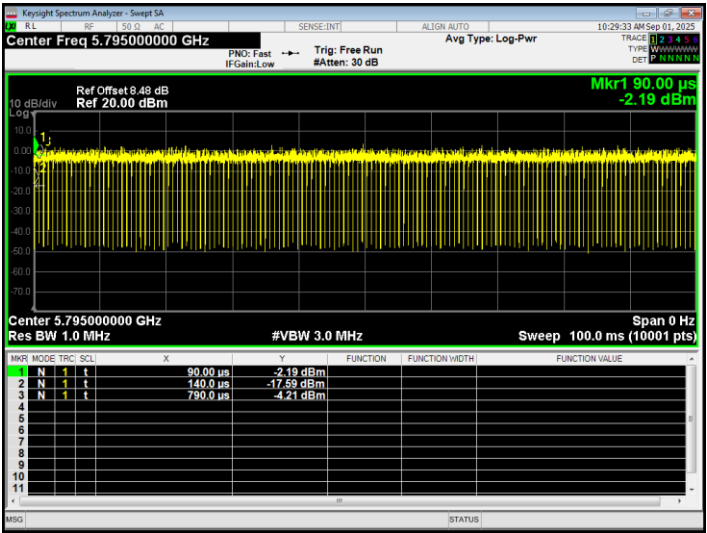
Duty Cycle NVNT ac20 5825MHz Ant1



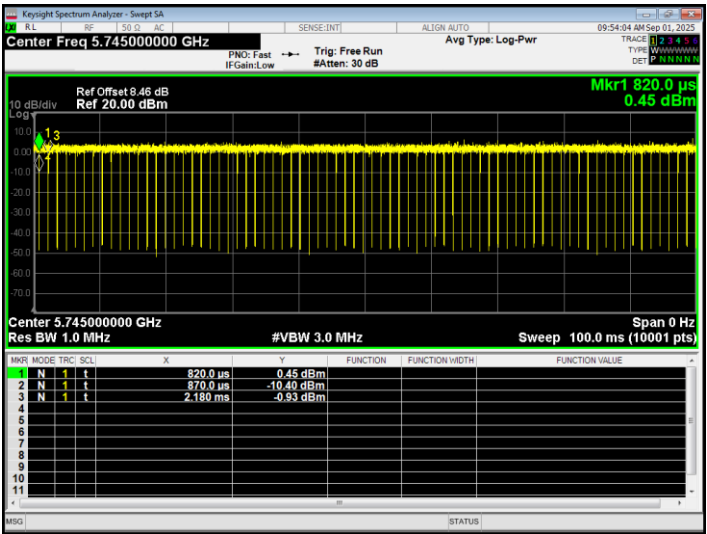
Duty Cycle NVNT ac40 5755MHz Ant1



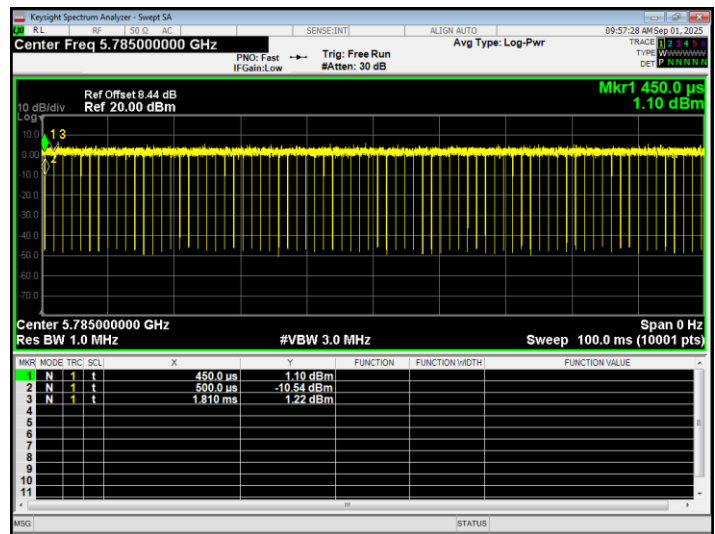
Duty Cycle NVNT ac40 5795MHz Ant1



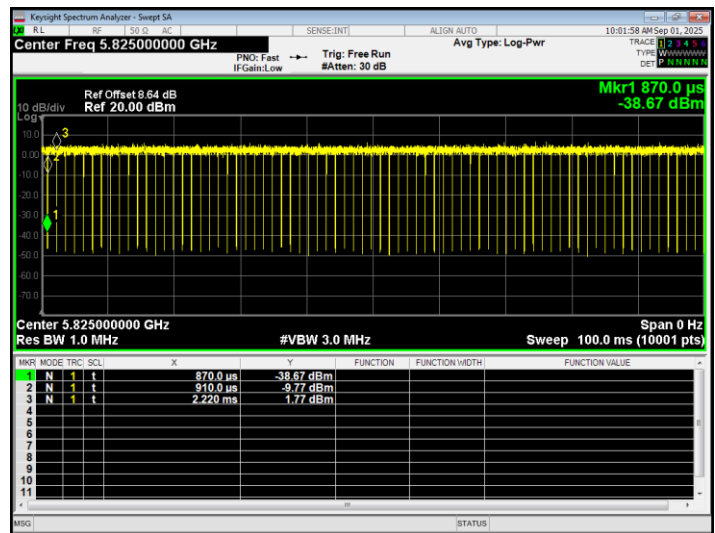
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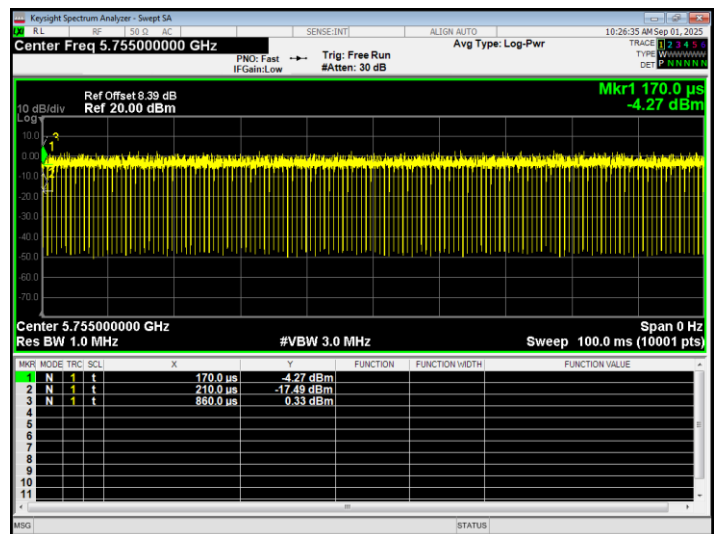
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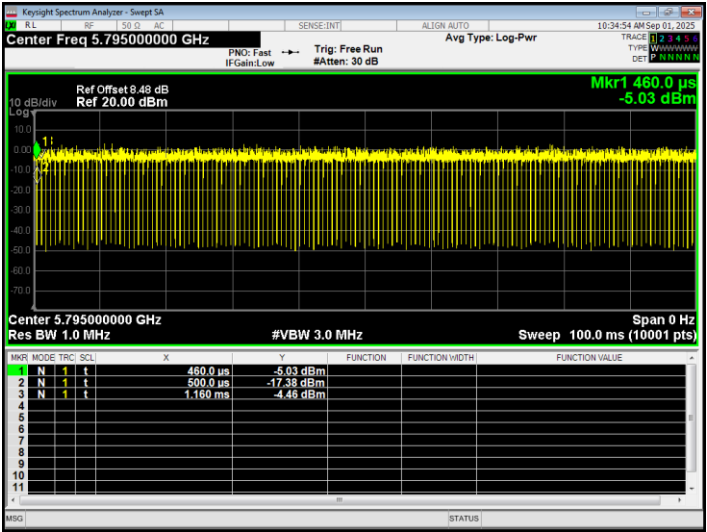
Duty Cycle NVNT ax20 5825MHz Ant1



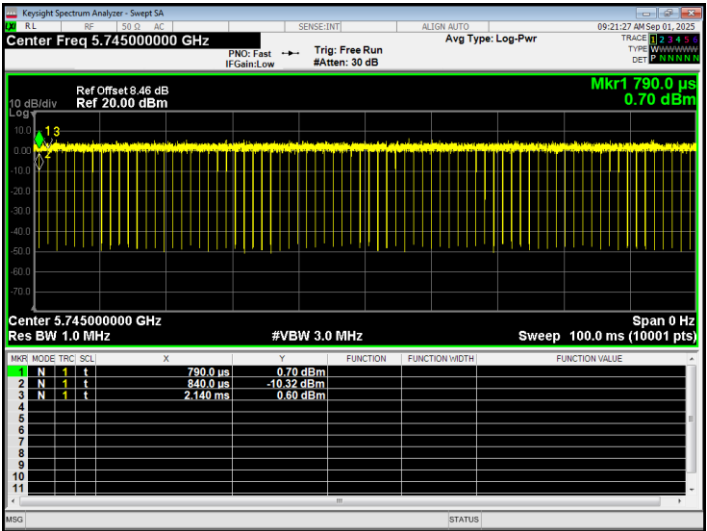
Duty Cycle NVNT ax40 5755MHz Ant1



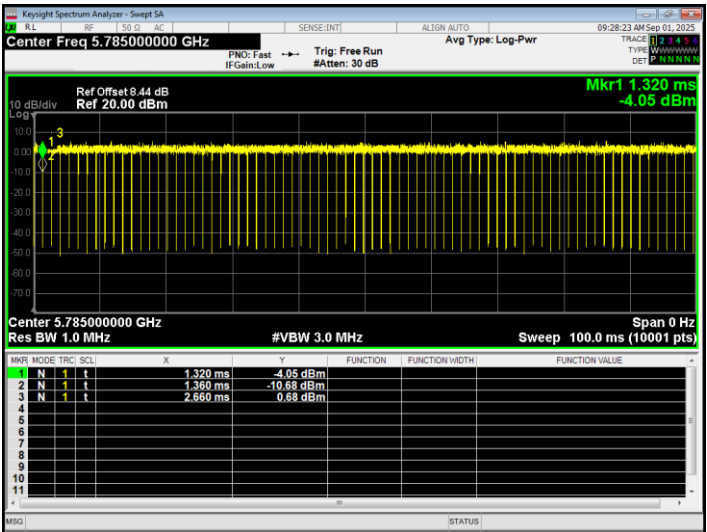
Duty Cycle NVNT ax40 5795MHz Ant1



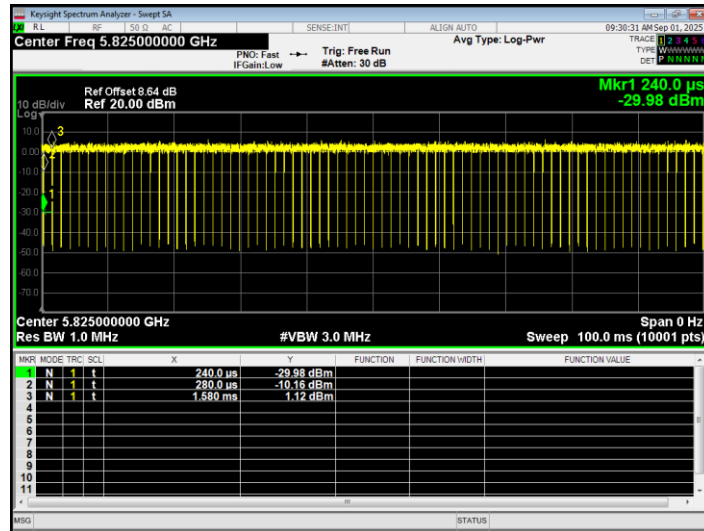
Duty Cycle NVNT n20 5745MHz Ant1



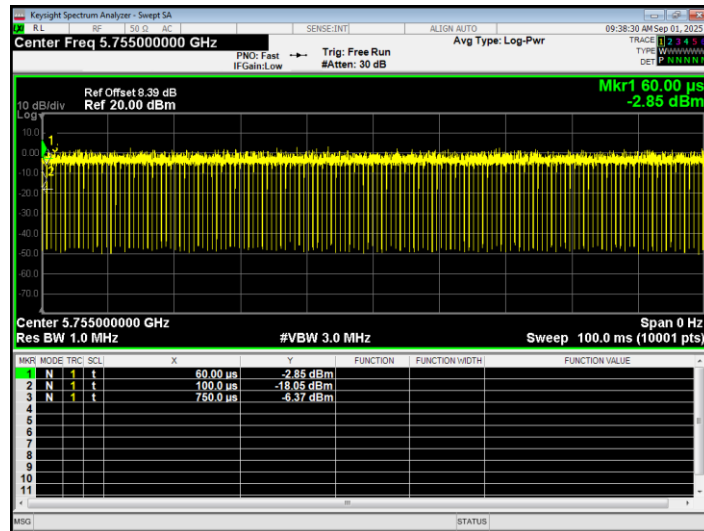
Duty Cycle NVNT n20 5785MHz Ant1



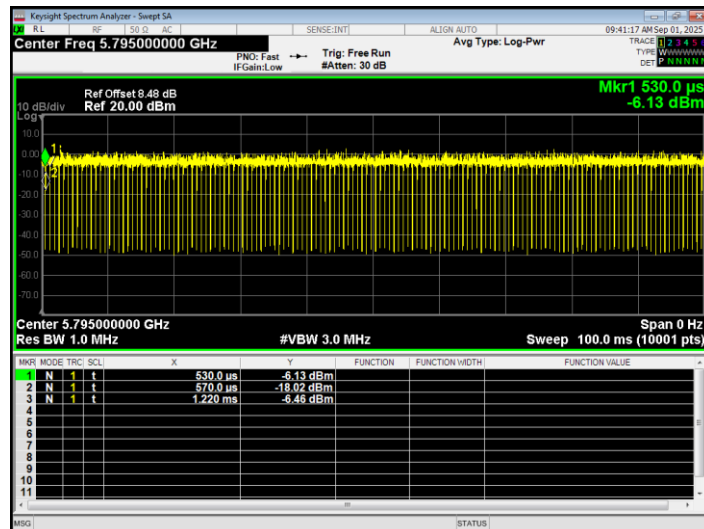
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



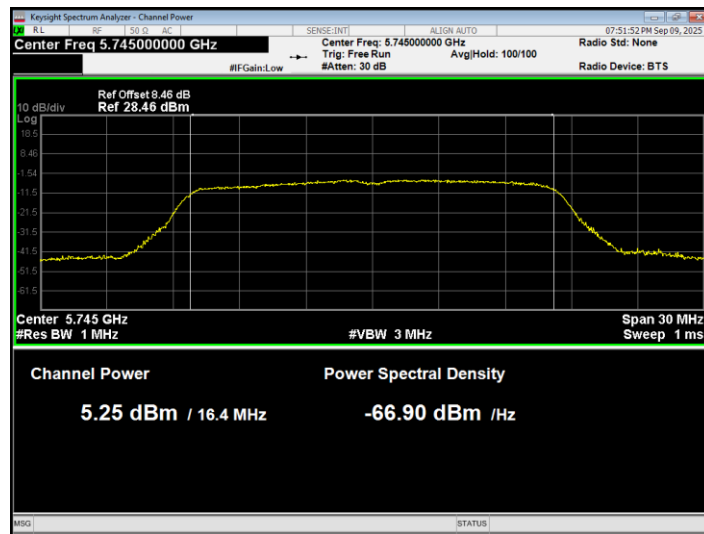
Duty Cycle NVNT n40 5795MHz Ant1



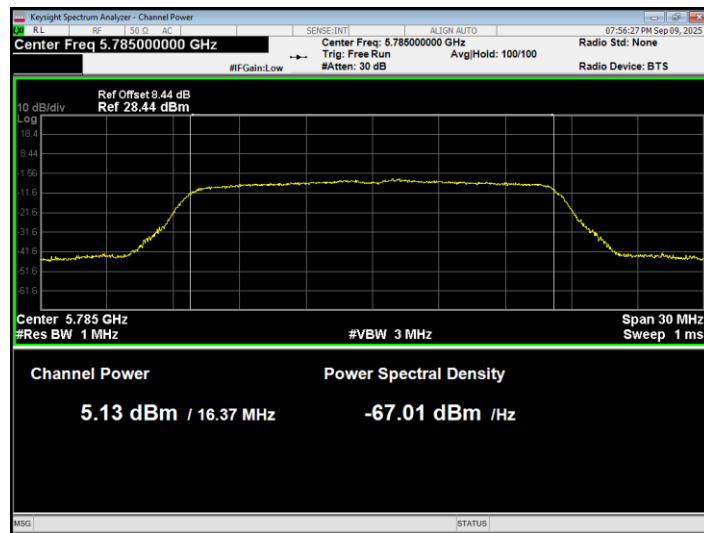
2. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	5.25	1.12	6.37	30	Pass
NVNT	a	5785	Ant1	5.13	0.87	6.00	30	Pass
NVNT	a	5825	Ant1	6.98	0.87	7.85	30	Pass
NVNT	ac20	5745	Ant1	6.12	0.13	6.25	30	Pass
NVNT	ac20	5785	Ant1	5.80	0.13	5.93	30	Pass
NVNT	ac20	5825	Ant1	7.64	0.16	7.80	30	Pass
NVNT	ac40	5755	Ant1	7.03	0.26	7.29	30	Pass
NVNT	ac40	5795	Ant1	7.46	0.32	7.78	30	Pass
NVNT	ax20	5745	Ant1	6.12	0.16	6.28	30	Pass
NVNT	ax20	5785	Ant1	6.02	0.16	6.18	30	Pass
NVNT	ax20	5825	Ant1	7.62	0.13	7.75	30	Pass
NVNT	ax40	5755	Ant1	7.03	0.26	7.29	30	Pass
NVNT	ax40	5795	Ant1	7.45	0.26	7.71	30	Pass
NVNT	n20	5745	Ant1	6.20	0.16	6.36	30	Pass
NVNT	n20	5785	Ant1	5.95	0.13	6.08	30	Pass
NVNT	n20	5825	Ant1	7.76	0.13	7.89	30	Pass
NVNT	n40	5755	Ant1	7.04	0.26	7.30	30	Pass
NVNT	n40	5795	Ant1	7.52	0.26	7.78	30	Pass

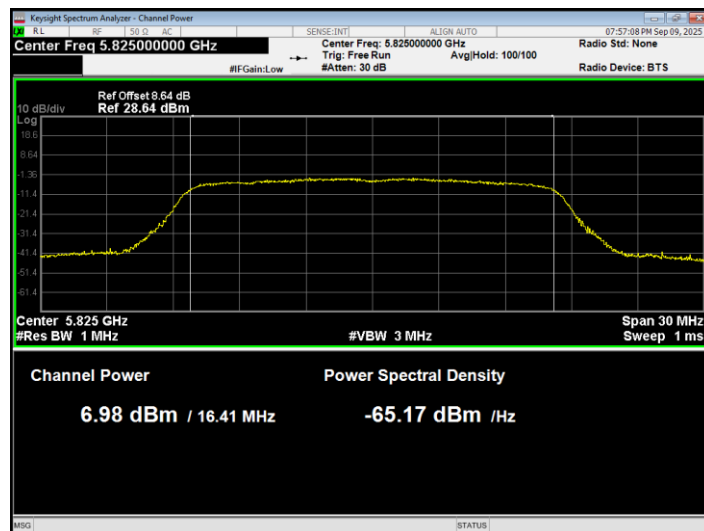
Power NVNT a 5745MHz Ant1



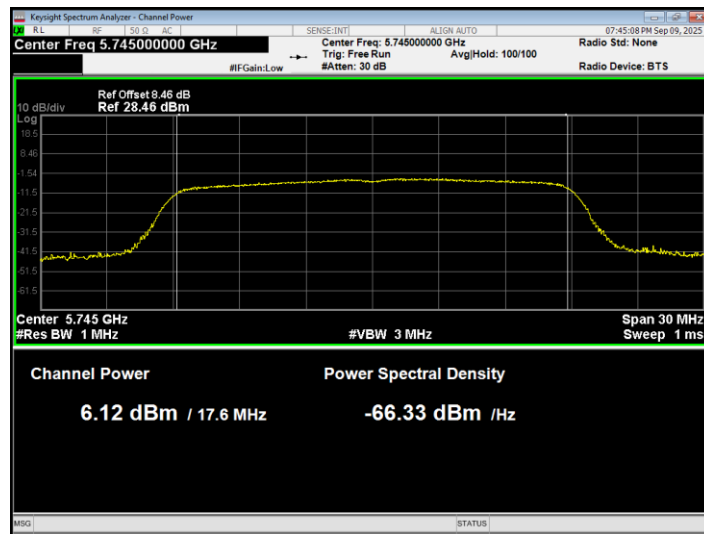
Power NVNT a 5785MHz Ant1



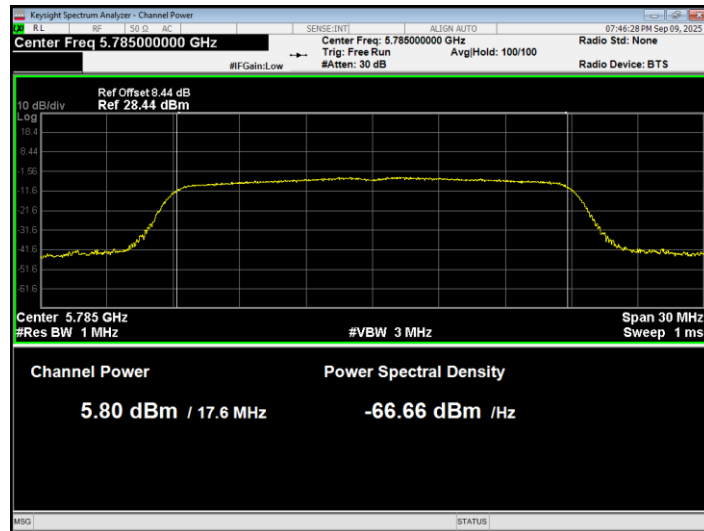
Power NVNT a 5825MHz Ant1



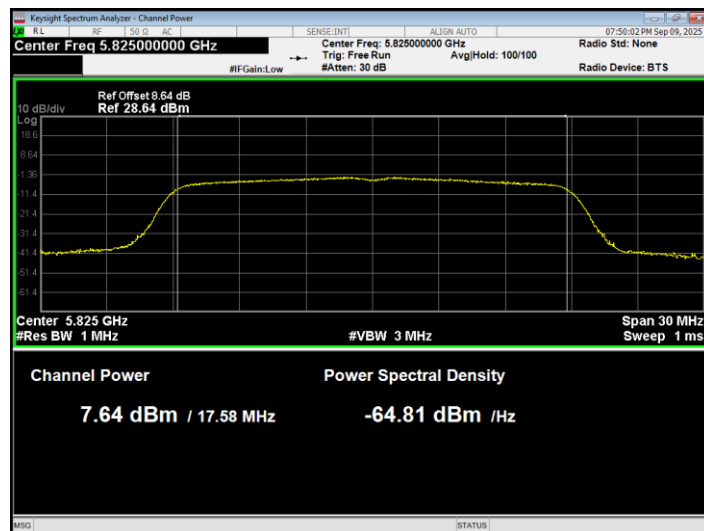
Power NVNT ac20 5745MHz Ant1



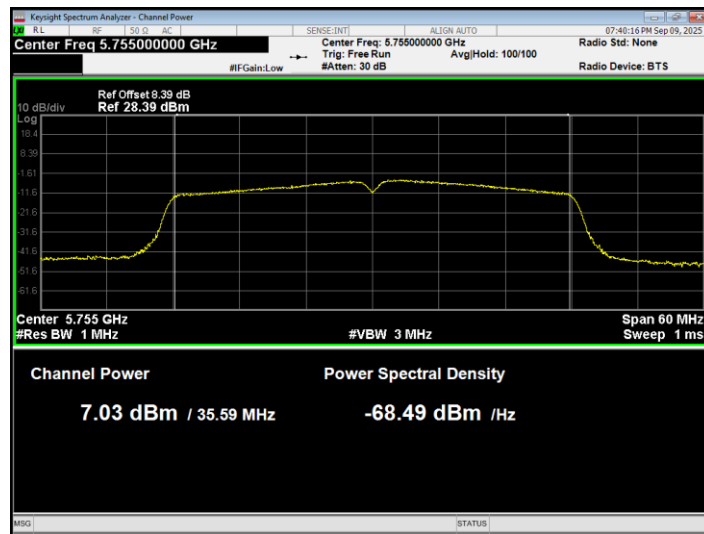
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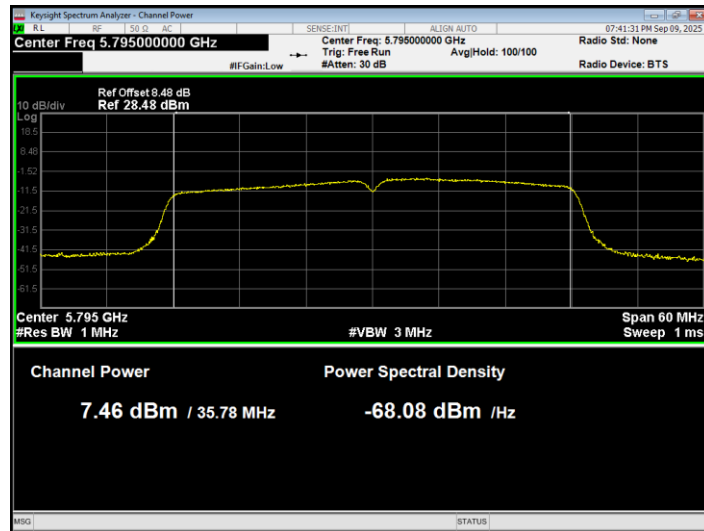
Power NVNT ac20 5825MHz Ant1



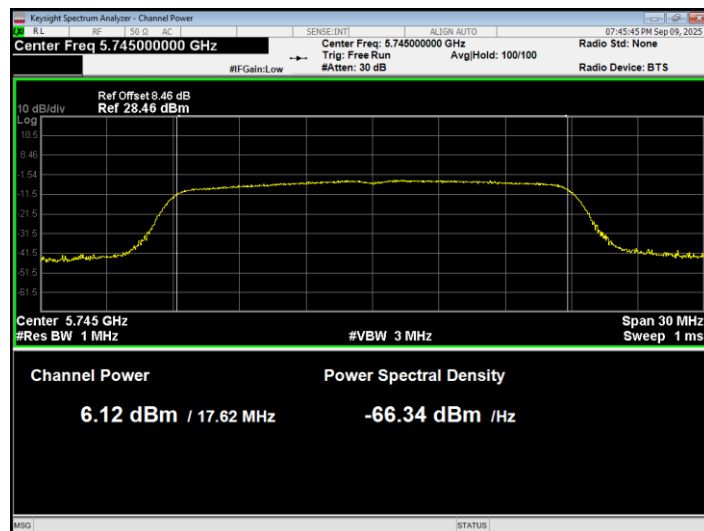
Power NVNT ac40 5755MHz Ant1



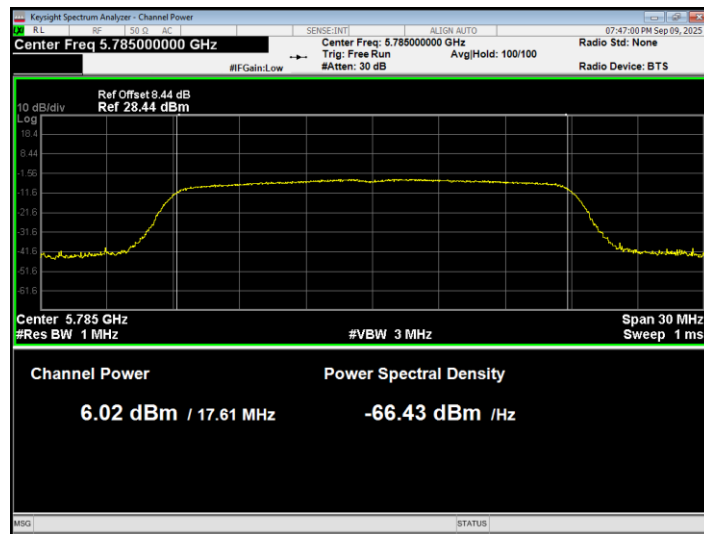
Power NVNT ac40 5795MHz Ant1



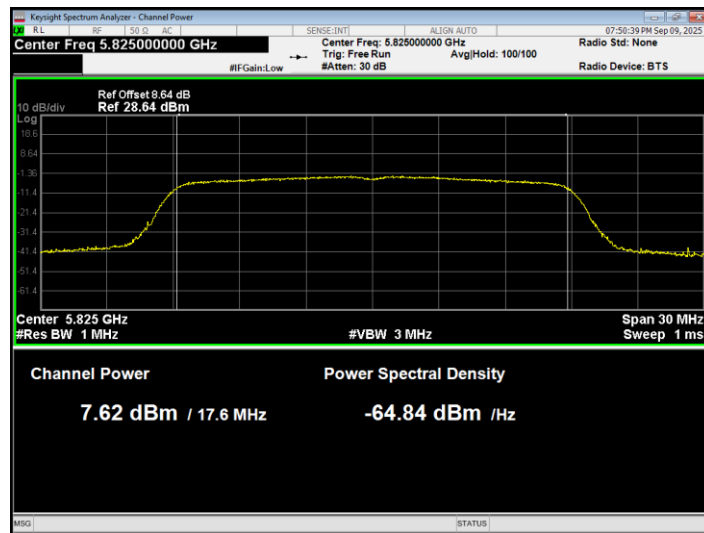
Power NVNT ax20 5745MHz Ant1



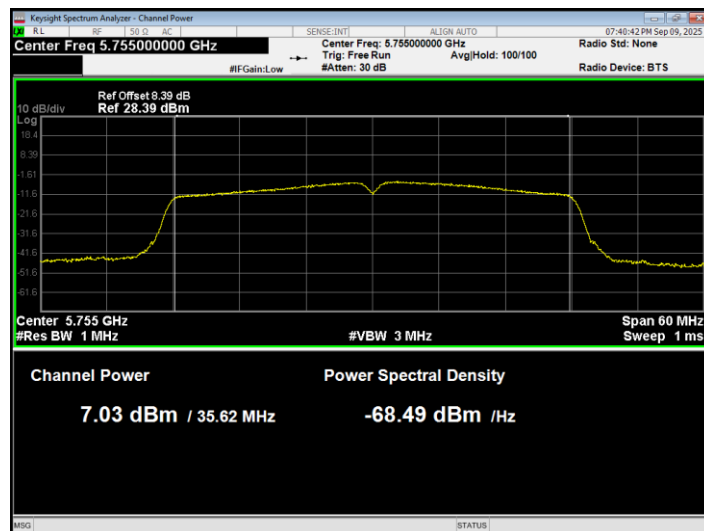
Power NVNT ax20 5785MHz Ant1



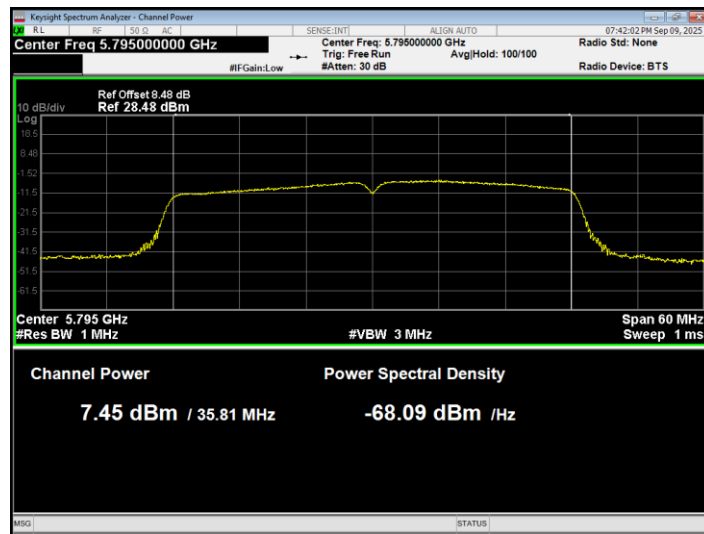
Power NVNT ax20 5825MHz Ant1



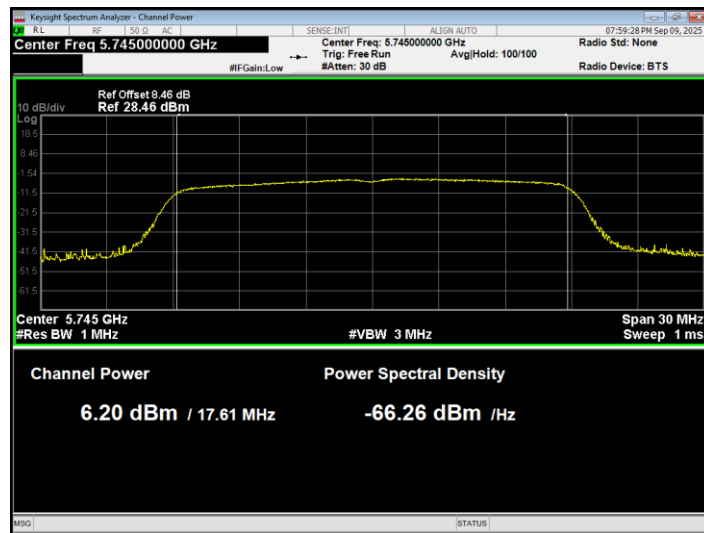
Power NVNT ax40 5755MHz Ant1



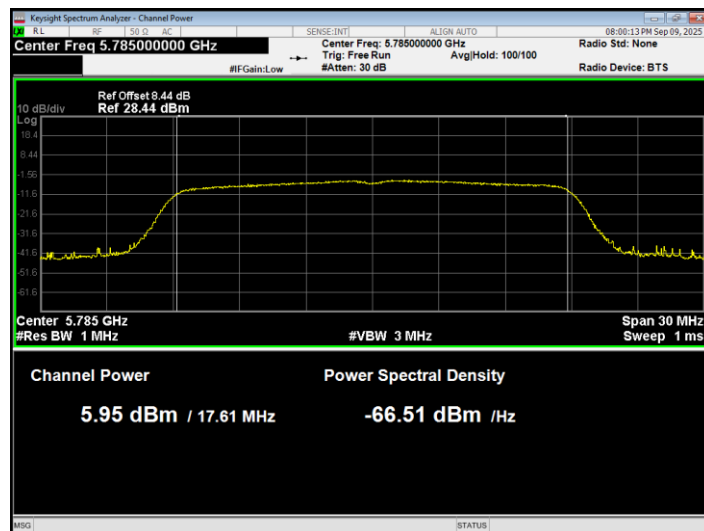
Power NVNT ax40 5795MHz Ant1



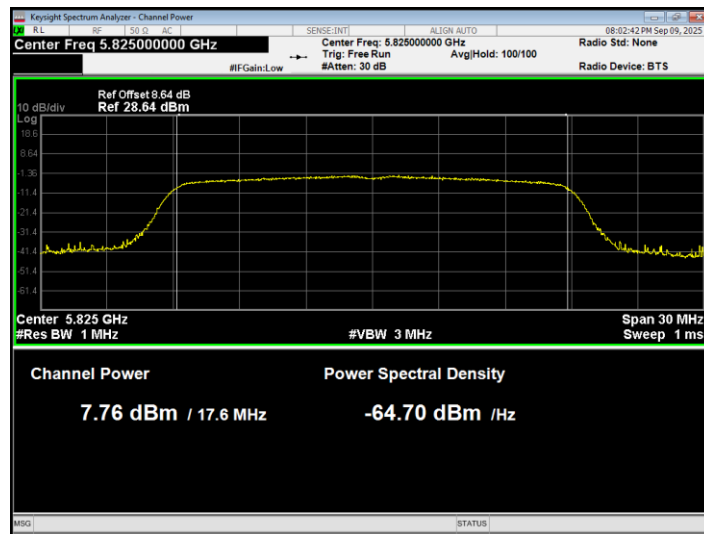
Power NVNT n20 5745MHz Ant1



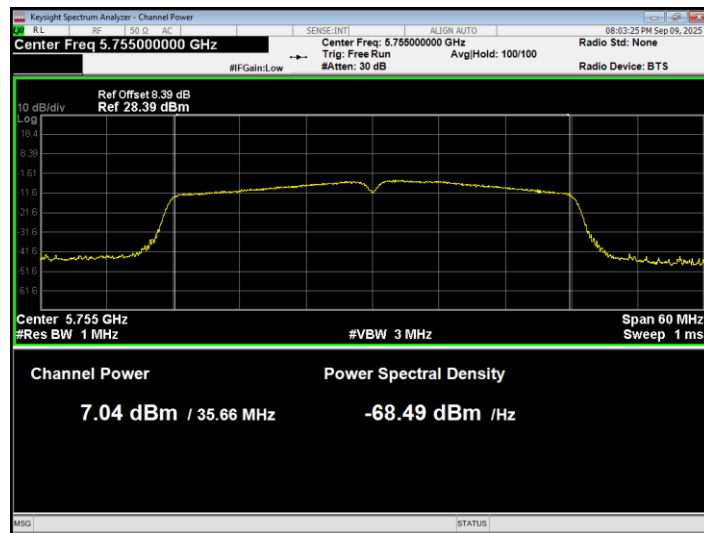
Power NVNT n20 5785MHz Ant1



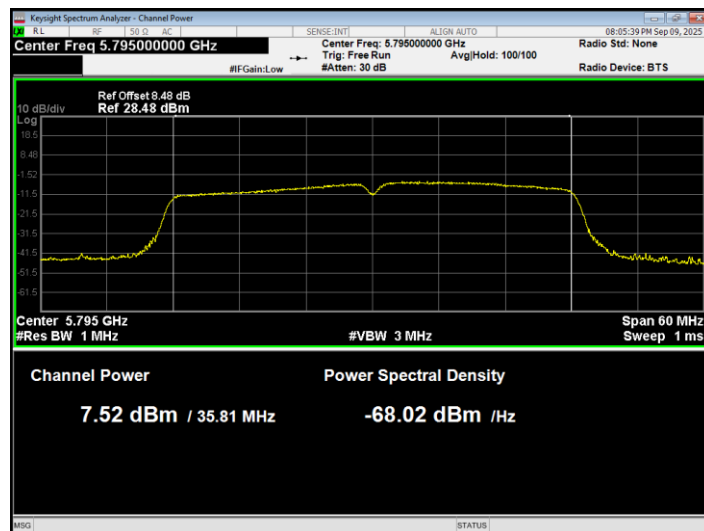
Power NVNT n20 5825MHz Ant1



Power NVNT n40 5755MHz Ant1



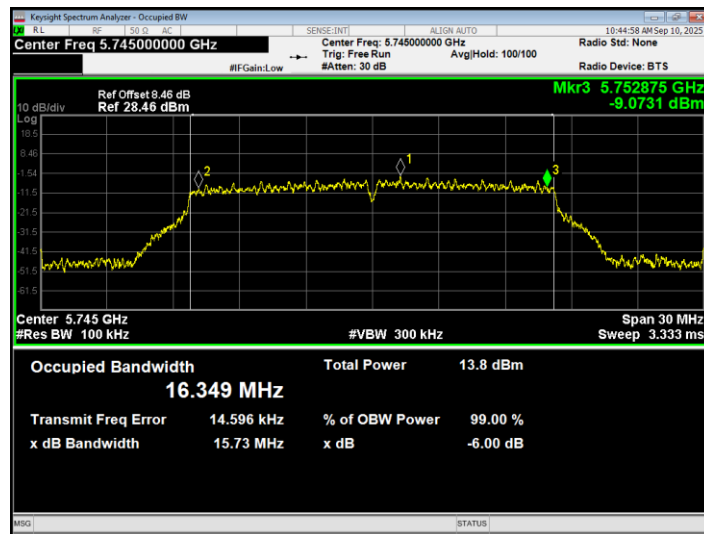
Power NVNT n40 5795MHz Ant1



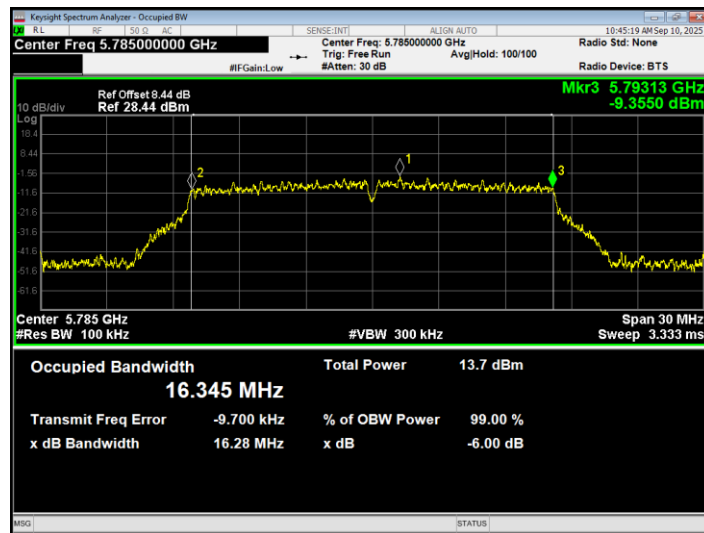
3. -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.73	0.5	Pass
NVNT	a	5785	Ant1	16.28	0.5	Pass
NVNT	a	5825	Ant1	16.04	0.5	Pass
NVNT	ac20	5745	Ant1	16.18	0.5	Pass
NVNT	ac20	5785	Ant1	16.05	0.5	Pass
NVNT	ac20	5825	Ant1	17.56	0.5	Pass
NVNT	ac40	5755	Ant1	28.77	0.5	Pass
NVNT	ac40	5795	Ant1	33.8	0.5	Pass
NVNT	ax20	5745	Ant1	17.32	0.5	Pass
NVNT	ax20	5785	Ant1	15.3	0.5	Pass
NVNT	ax20	5825	Ant1	15.16	0.5	Pass
NVNT	ax40	5755	Ant1	32.52	0.5	Pass
NVNT	ax40	5795	Ant1	32.54	0.5	Pass
NVNT	n20	5745	Ant1	14.84	0.5	Pass
NVNT	n20	5785	Ant1	17.3	0.5	Pass
NVNT	n20	5825	Ant1	16.07	0.5	Pass
NVNT	n40	5755	Ant1	30.06	0.5	Pass
NVNT	n40	5795	Ant1	30.07	0.5	Pass

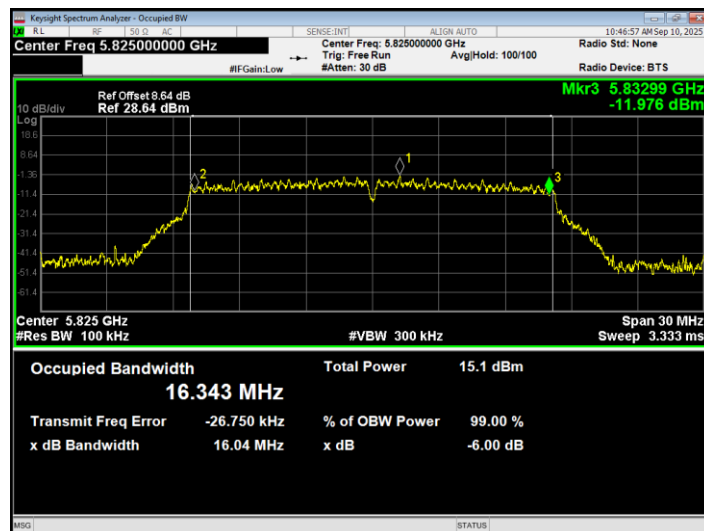
-6dB Bandwidth NVNT a 5745MHz Ant1



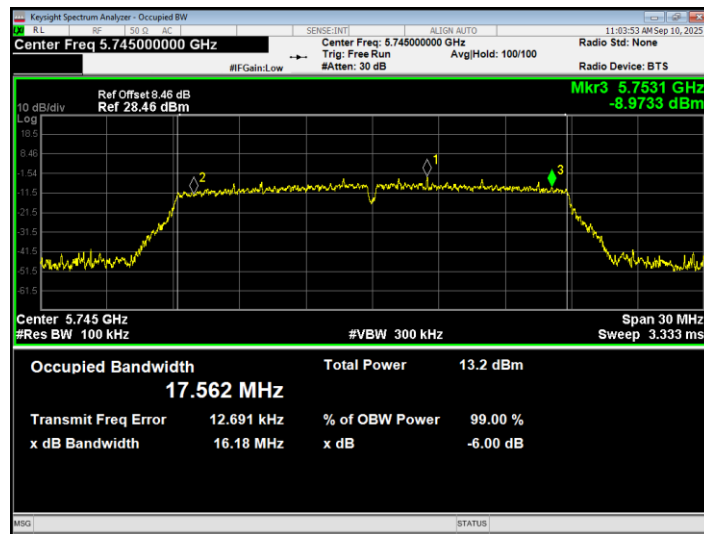
-6dB Bandwidth NVNT a 5785MHz Ant1



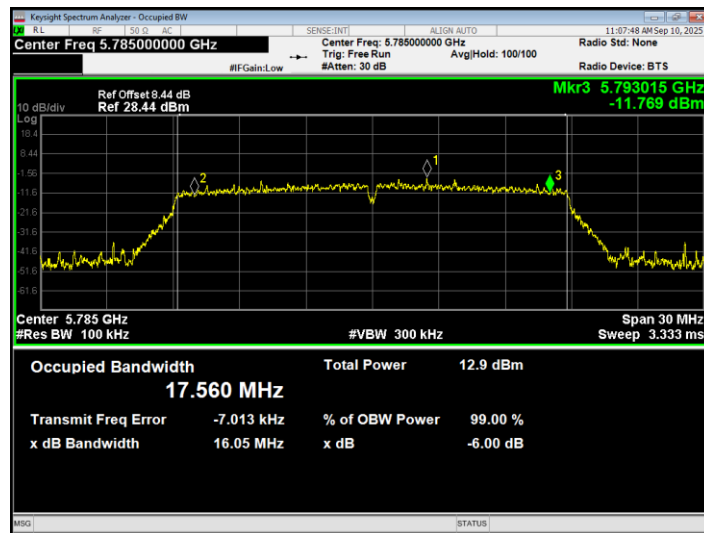
-6dB Bandwidth NVNT a 5825MHz Ant1



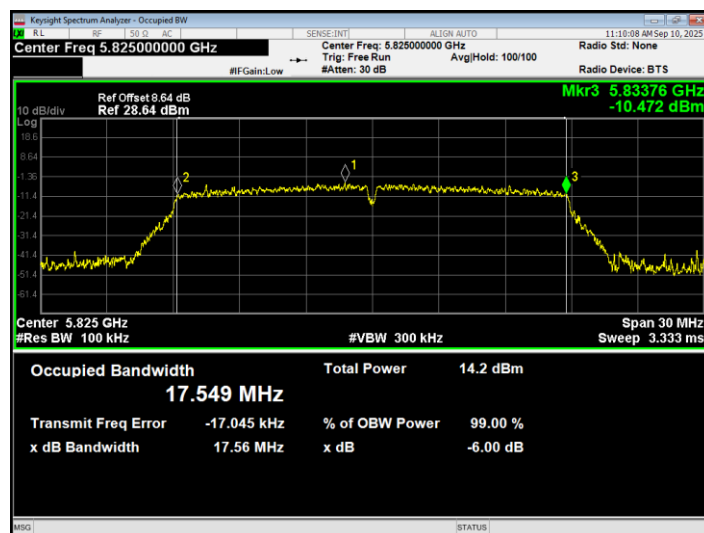
-6dB Bandwidth NVNT ac20 5745MHz Ant1



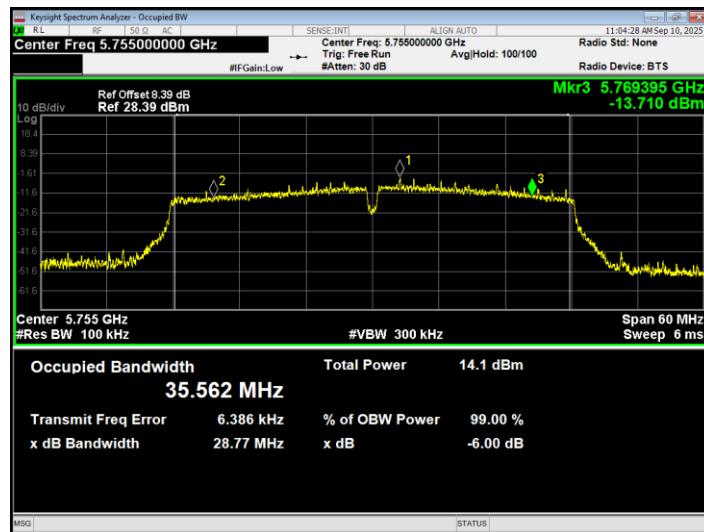
-6dB Bandwidth NVNT ac20 5785MHz Ant1



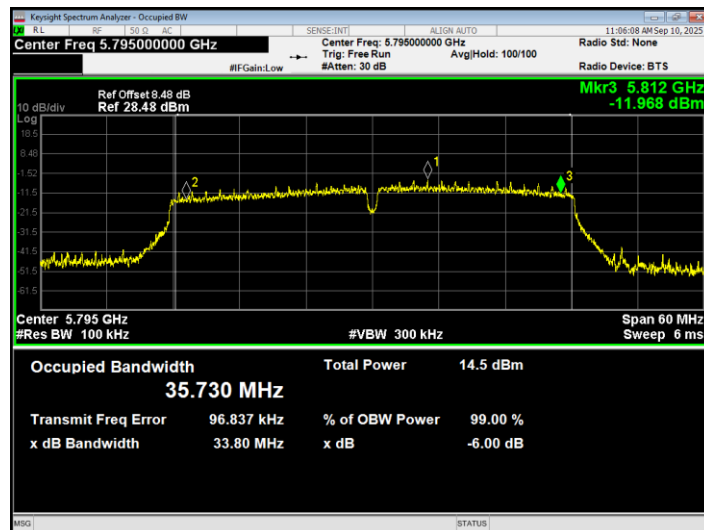
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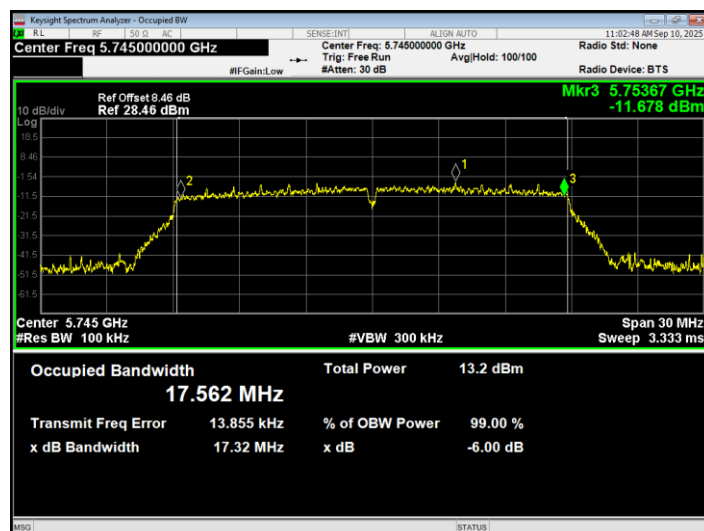
-6dB Bandwidth NVNT ac40 5755MHz Ant1



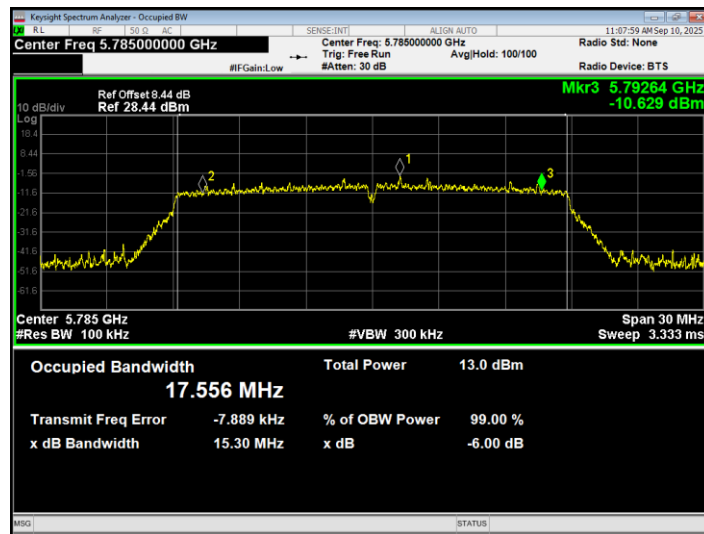
-6dB Bandwidth NVNT ac40 5795MHz Ant1



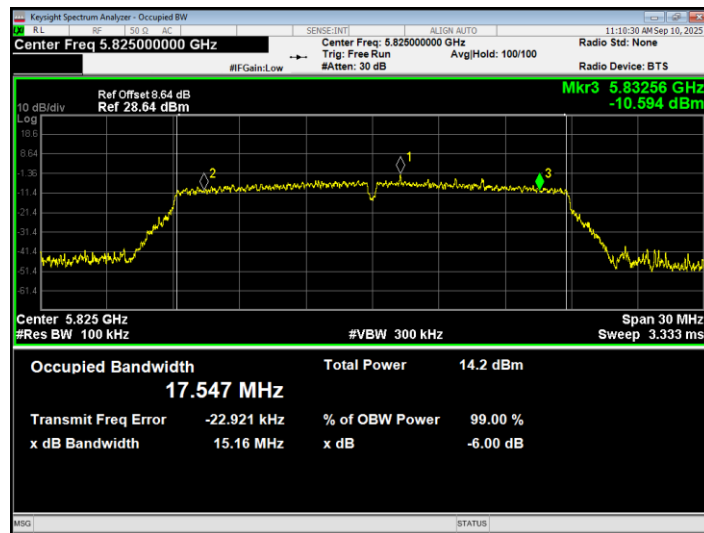
-6dB Bandwidth NVNT ax20 5745MHz Ant1



-6dB Bandwidth NVNT ax20 5785MHz Ant1



-6dB Bandwidth NVNT ax20 5825MHz Ant1



-6dB Bandwidth NVNT ax40 5755MHz Ant1

