

Appendix 1

FCC Test Report

FCC ID: 2BNAD-X7PRO

Applicant: Kemi Intelligent Manufacturing (Shenzhen) Co., Ltd.

Address: 4F, Block A, 88 Fukang Rd, Longgang Dist, Shenzhen, China

Manufacturer: Kemi Intelligent Manufacturing (Shenzhen) Co., Ltd.

Address: 4F, Block A, 88 Fukang Rd, Longgang Dist, Shenzhen, China

EUT: CORNMI HEAD MOUNTED DISPLAY

Trade Mark: N/A

Model Number: NeoVista X7 Pro
X7 Lite, X7

Date of Receipt: Dec. 06, 2024

Test Date: Dec. 06, 2024 - Jan. 07, 2025

Date of Report: Jan. 07, 2025

Prepared By: Shenzhen LGT Test Service Co., Ltd.

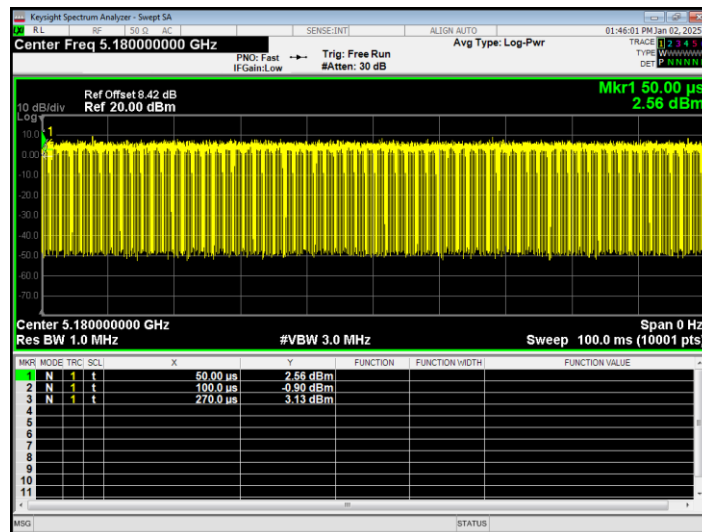
Address: Room 205, Building 13, Zone B, Chen Hsong Industrial Park, No.177 Renmin West Road,
Jinsha Community, Kengzi Street, Pingshan New District, Shenzhen, China

Test Result: Pass

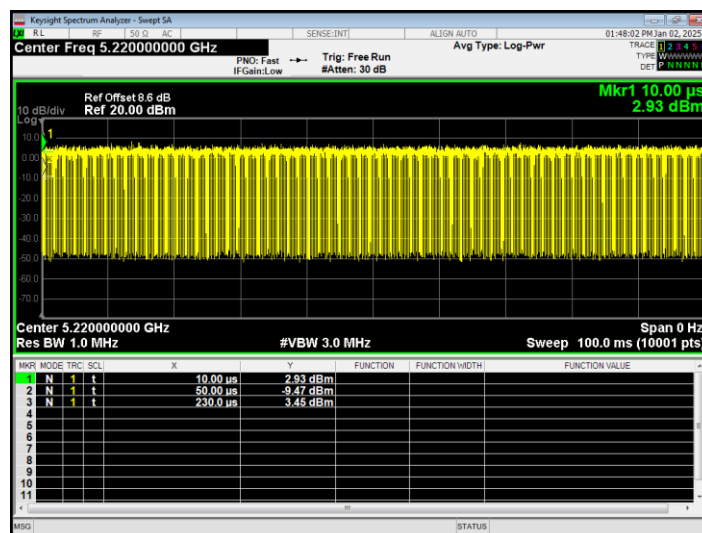
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	77.27	1.12
NVNT	a	5220	Ant1	81.82	0.87
NVNT	a	5240	Ant1	81.82	0.87
NVNT	ac20	5180	Ant1	97.04	0.13
NVNT	ac20	5220	Ant1	97.06	0.13
NVNT	ac20	5240	Ant1	97.06	0.13
NVNT	ac40	5190	Ant1	92.86	0.32
NVNT	ac40	5230	Ant1	94.29	0.26
NVNT	ac80	5210	Ant1	89.19	0.5
NVNT	ax20	5180	Ant1	96.32	0.16
NVNT	ax20	5220	Ant1	97.06	0.13
NVNT	ax20	5240	Ant1	97.06	0.13
NVNT	ax40	5190	Ant1	92.86	0.32
NVNT	ax40	5230	Ant1	94.29	0.26
NVNT	ax80	5210	Ant1	89.19	0.5
NVNT	n20	5180	Ant1	96.3	0.16
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	92.86	0.32

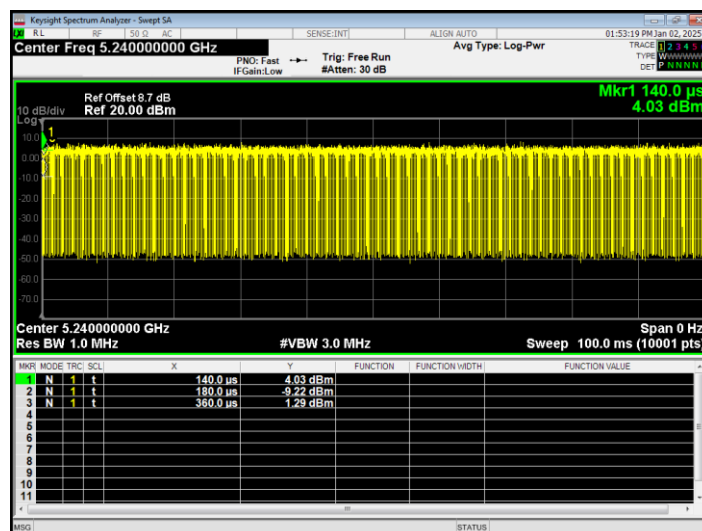
Duty Cycle NVNT a 5180MHz Ant1



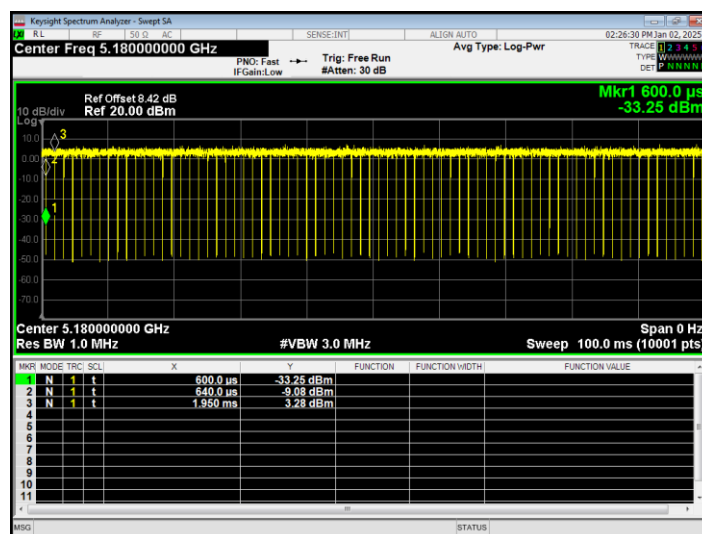
Duty Cycle NVNT a 5220MHz Ant1



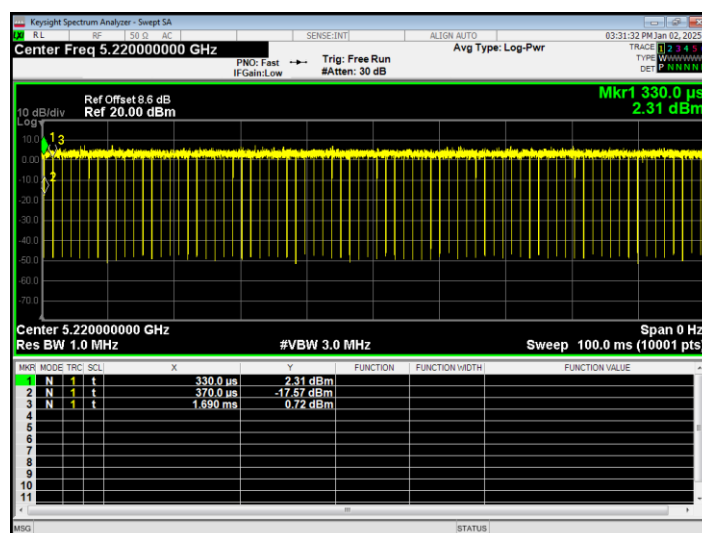
Duty Cycle NVNT a 5240MHz Ant1



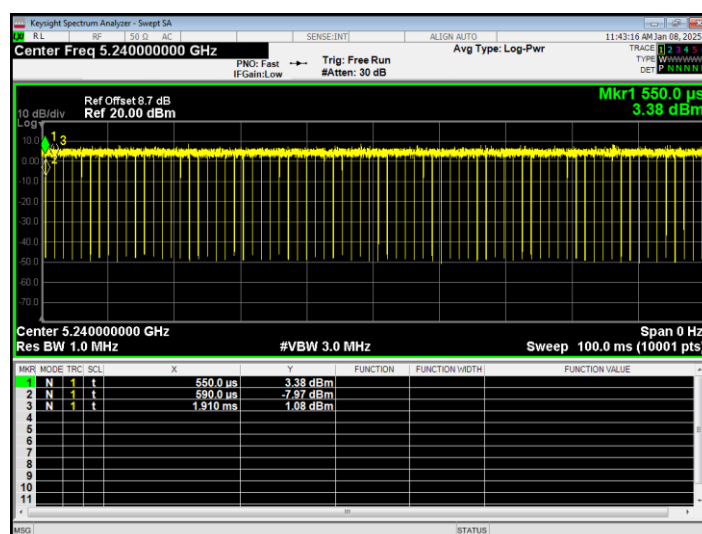
Duty Cycle NVNT ac20 5180MHz Ant1



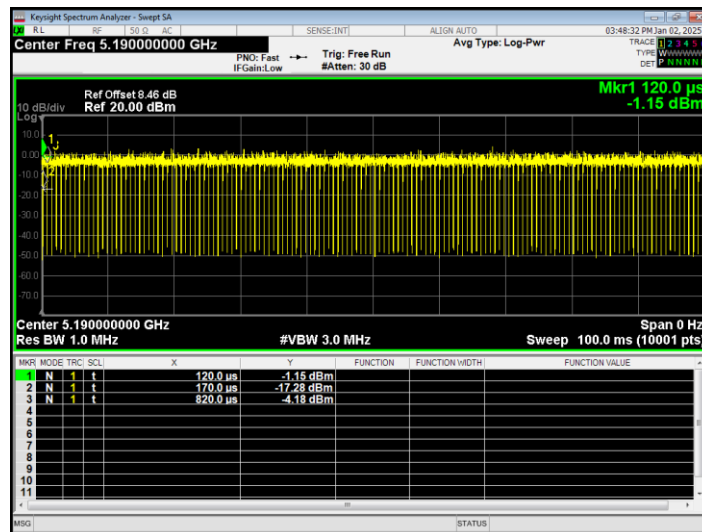
Duty Cycle NVNT ac20 5220MHz Ant1



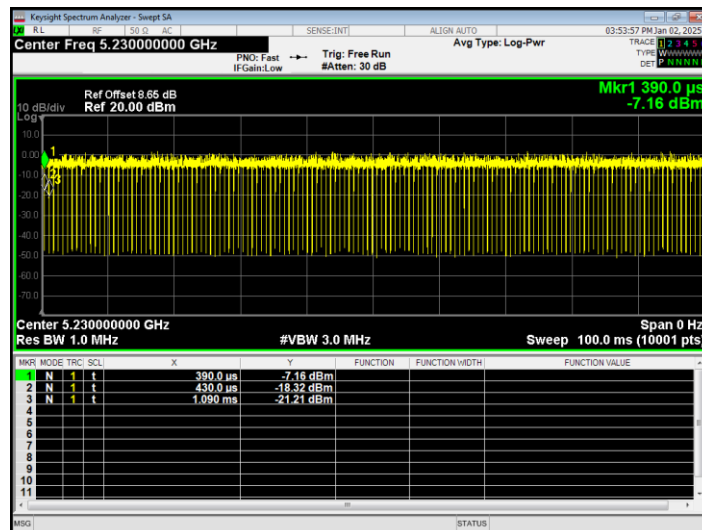
Duty Cycle NVNT ac20 5240MHz Ant1



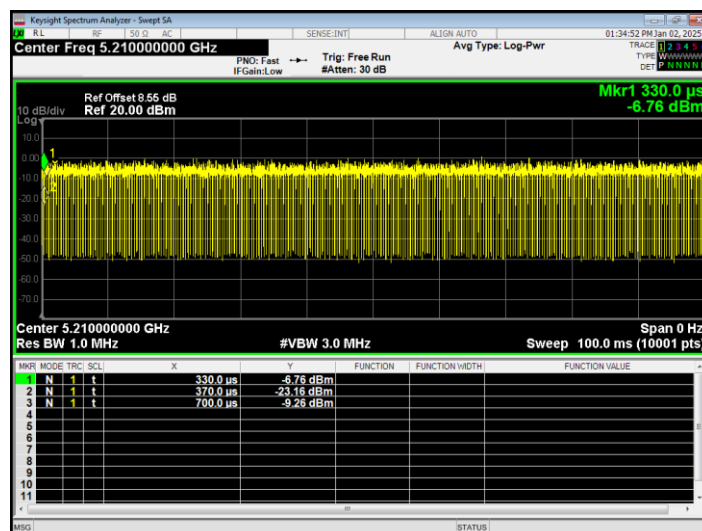
Duty Cycle NVNT ac40 5190MHz Ant1



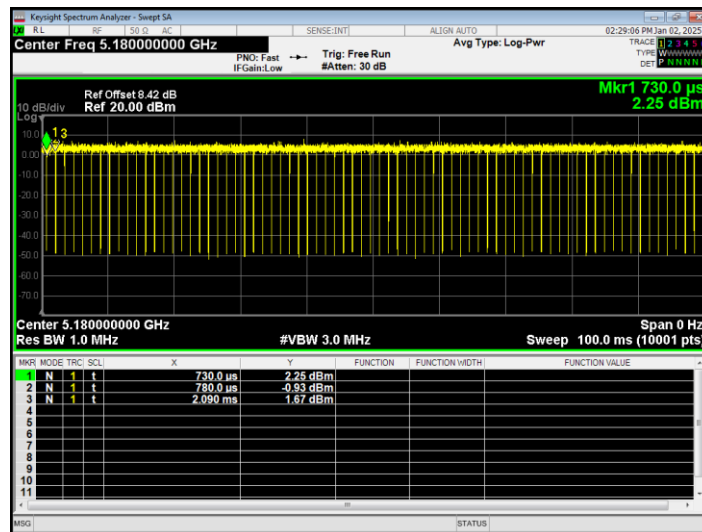
Duty Cycle NVNT ac40 5230MHz Ant1



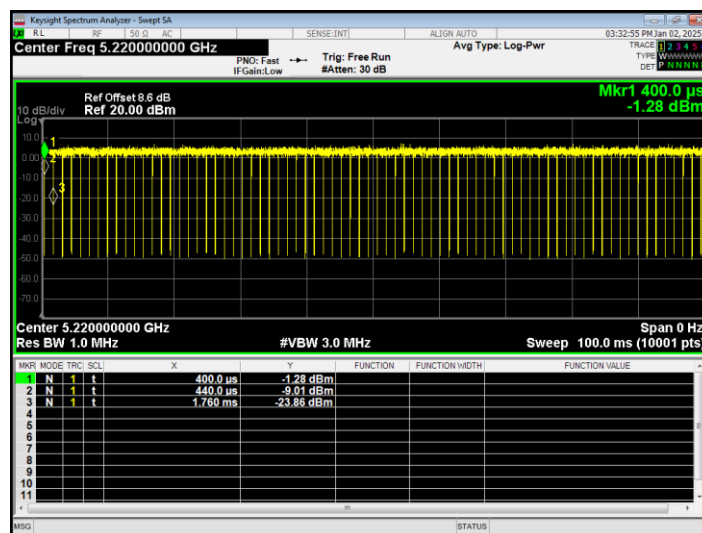
Duty Cycle NVNT ac80 5210MHz Ant1



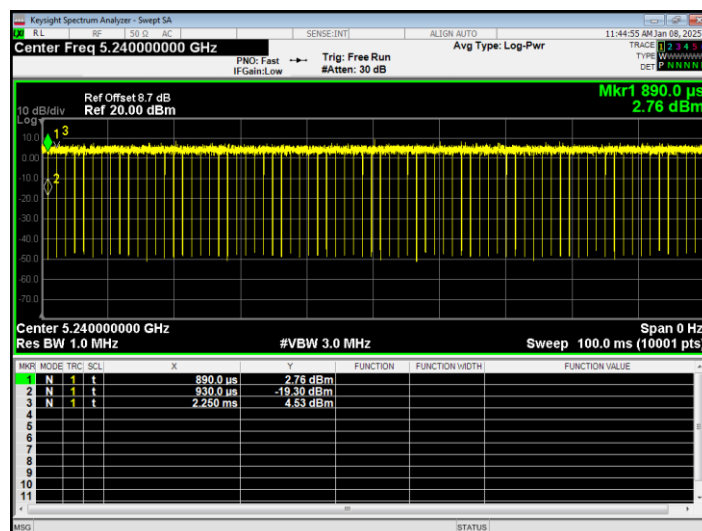
Duty Cycle NVNT ax20 5180MHz Ant1



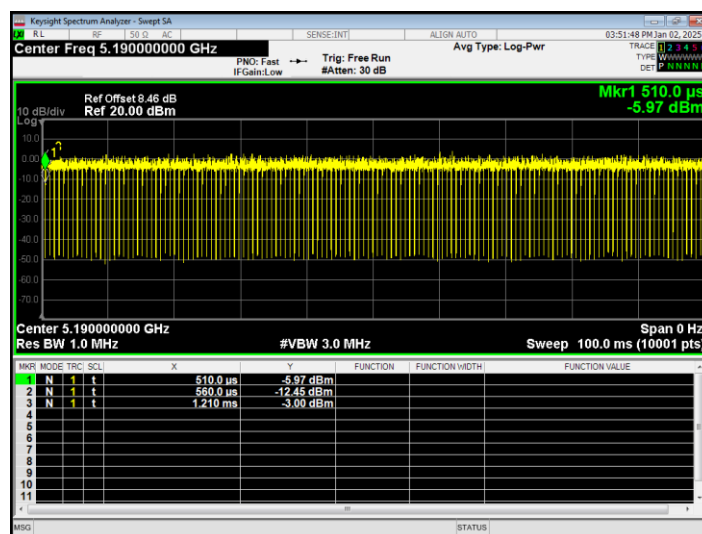
Duty Cycle NVNT ax20 5220MHz Ant1



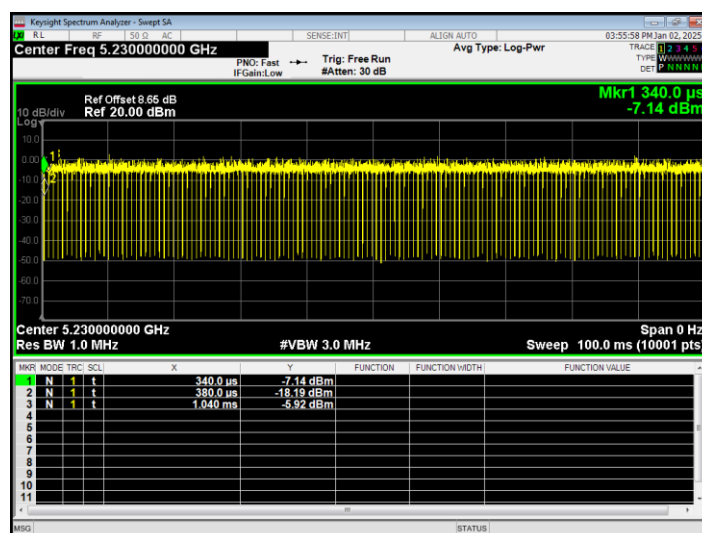
Duty Cycle NVNT ax20 5240MHz Ant1



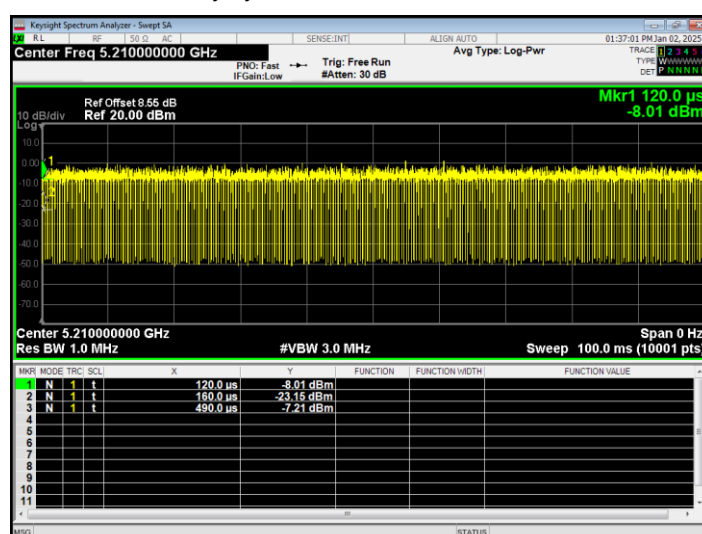
Duty Cycle NVNT ax40 5190MHz Ant1



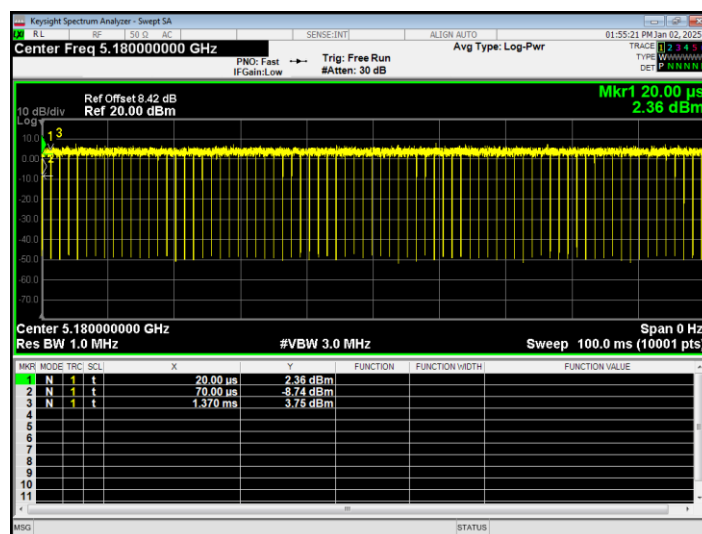
Duty Cycle NVNT ax40 5230MHz Ant1



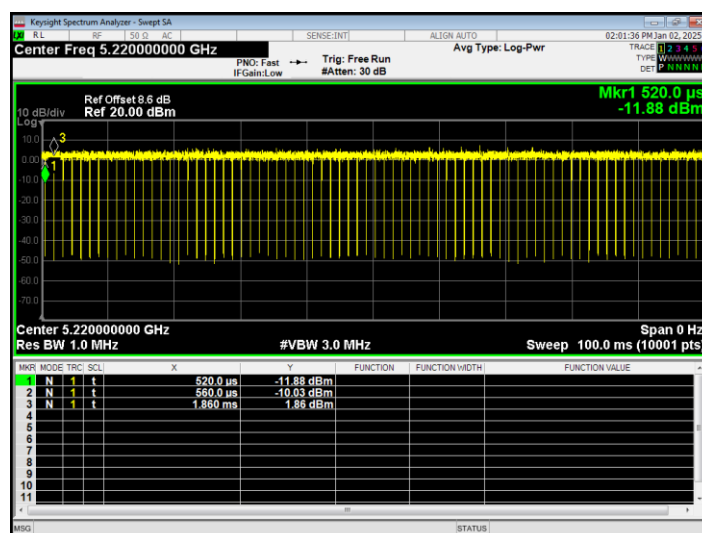
Duty Cycle NVNT ax80 5210MHz Ant1



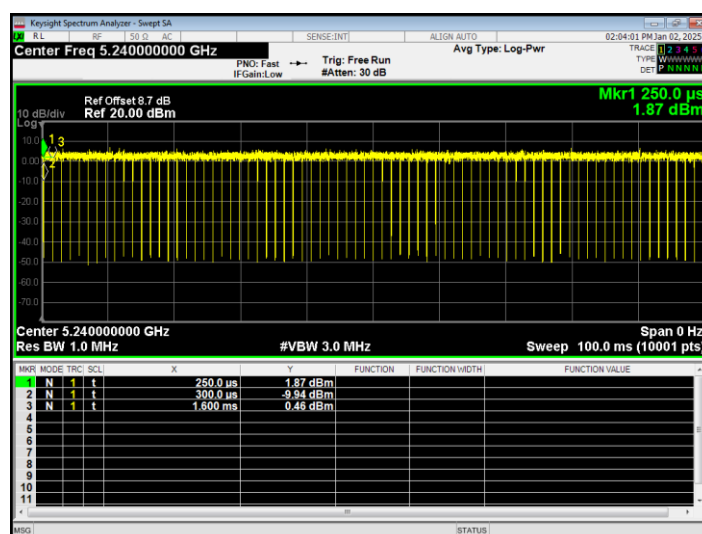
Duty Cycle NVNT n20 5180MHz Ant1



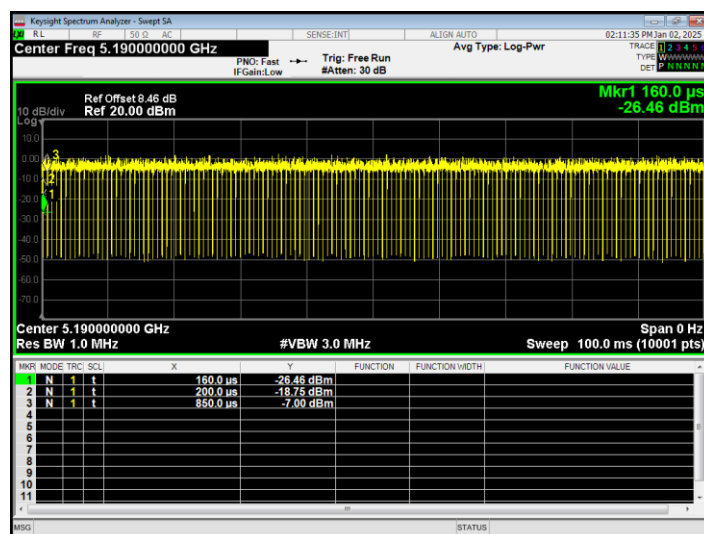
Duty Cycle NVNT n20 5220MHz Ant1



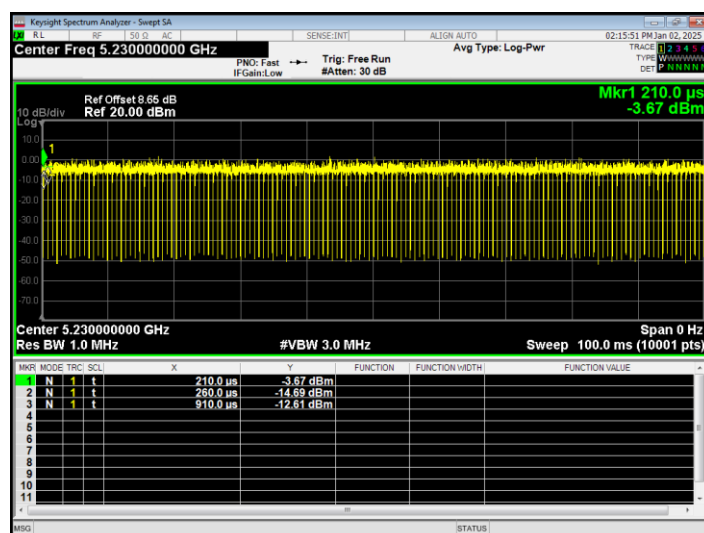
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



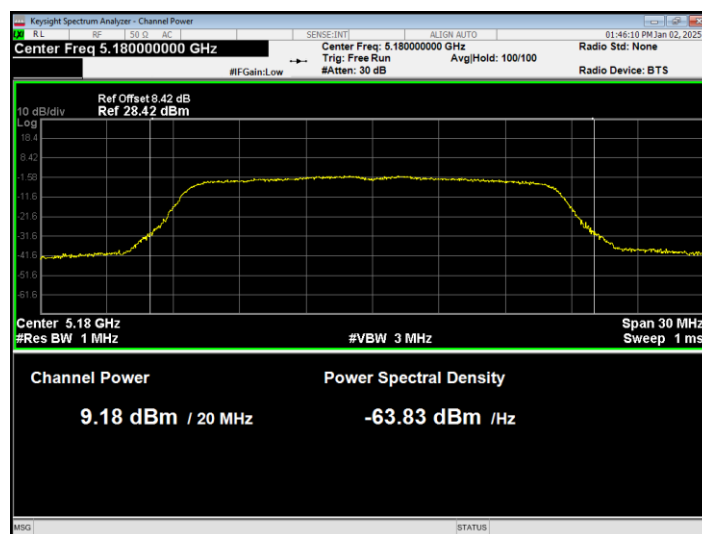
Duty Cycle NVNT n40 5230MHz Ant1



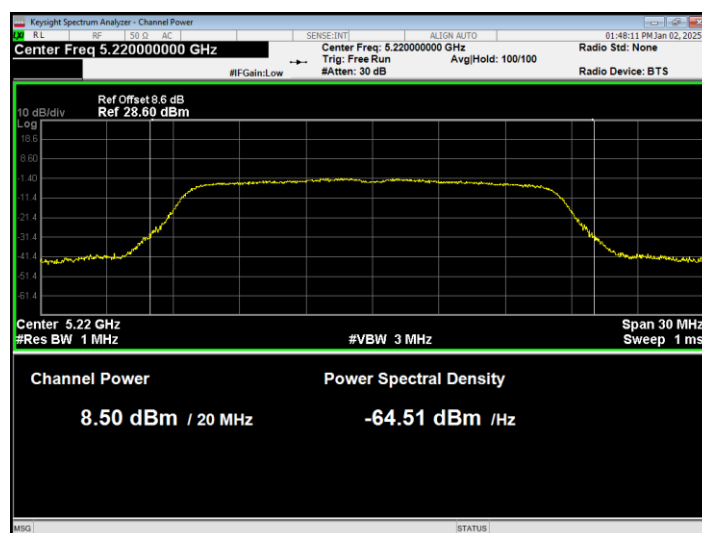
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	9.176	1.12	10.296	24	Pass
NVNT	a	5220	Ant1	8.498	0.87	9.368	24	Pass
NVNT	a	5240	Ant1	8.898	0.87	9.768	24	Pass
NVNT	ac20	5180	Ant1	9.511	0.13	9.641	24	Pass
NVNT	ac20	5220	Ant1	9.469	0.13	9.599	24	Pass
NVNT	ac20	5240	Ant1	10.511	0.13	10.641	24	Pass
NVNT	ac40	5190	Ant1	9.625	0.32	9.945	24	Pass
NVNT	ac40	5230	Ant1	8.889	0.26	9.149	24	Pass
NVNT	ac80	5210	Ant1	9.422	0.5	9.922	24	Pass
NVNT	ax20	5180	Ant1	9.511	0.16	9.671	24	Pass
NVNT	ax20	5220	Ant1	9.542	0.13	9.672	24	Pass
NVNT	ax20	5240	Ant1	10.482	0.13	10.612	24	Pass
NVNT	ax40	5190	Ant1	9.619	0.32	9.939	24	Pass
NVNT	ax40	5230	Ant1	8.908	0.26	9.168	24	Pass
NVNT	ax80	5210	Ant1	9.42	0.5	9.92	24	Pass
NVNT	n20	5180	Ant1	9.785	0.16	9.945	24	Pass
NVNT	n20	5220	Ant1	8.556	0.13	8.686	24	Pass
NVNT	n20	5240	Ant1	8.862	0.16	9.022	24	Pass
NVNT	n40	5190	Ant1	9.022	0.26	9.282	24	Pass
NVNT	n40	5230	Ant1	8.399	0.32	8.719	24	Pass

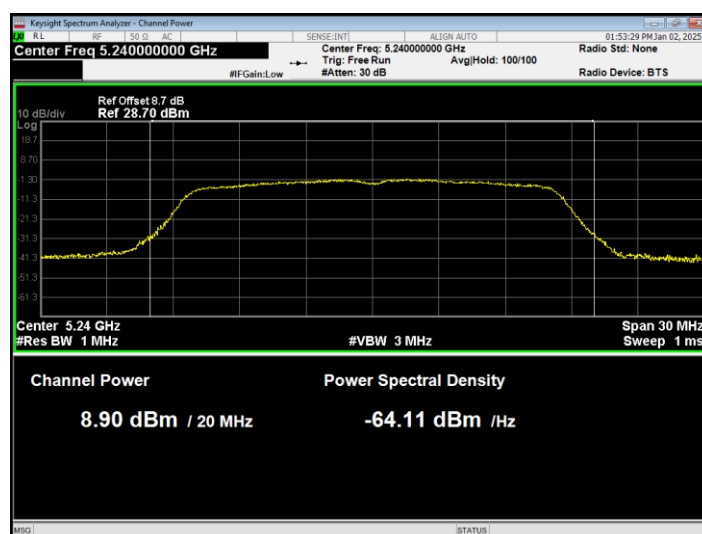
Power NVNT a 5180MHz Ant1



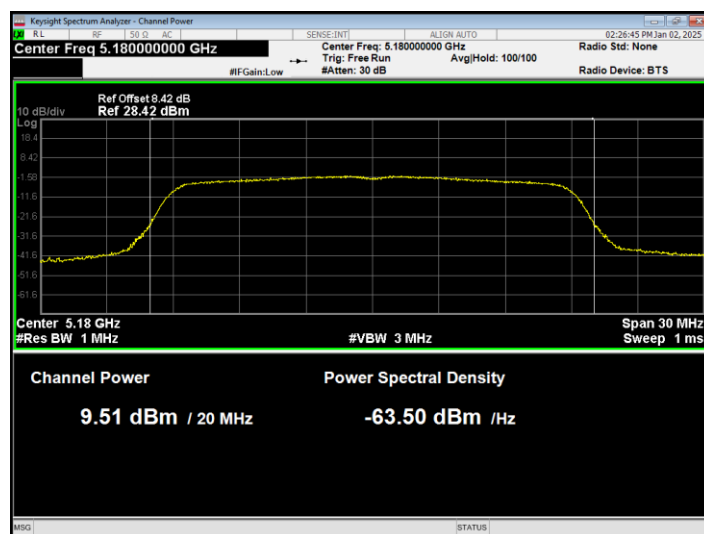
Power NVNT a 5220MHz Ant1



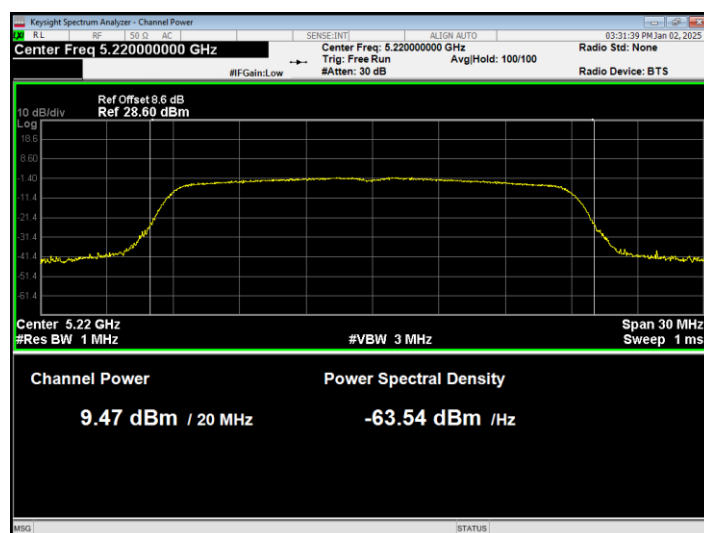
Power NVNT a 5240MHz Ant1



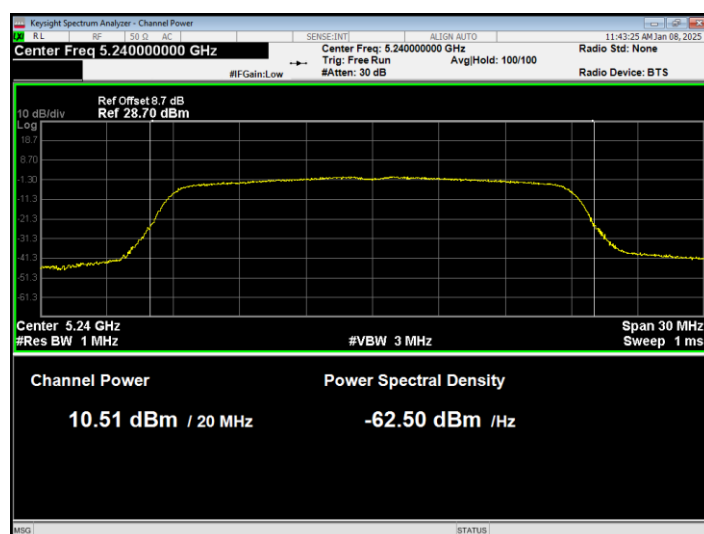
Power NVNT ac20 5180MHz Ant1



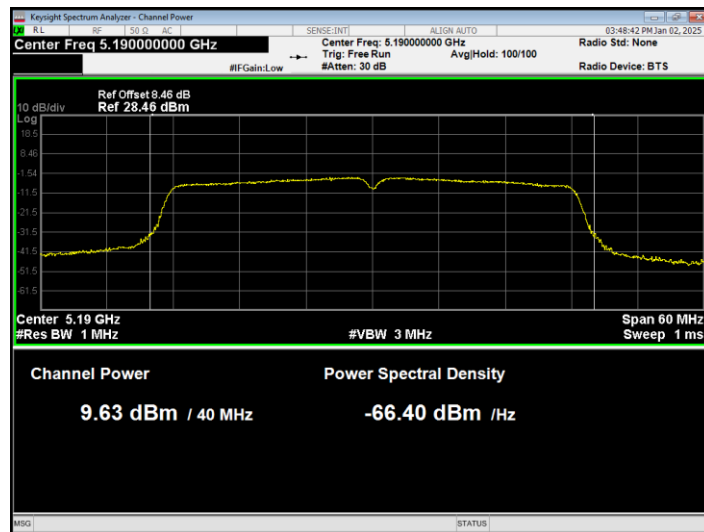
Power NVNT ac20 5220MHz Ant1



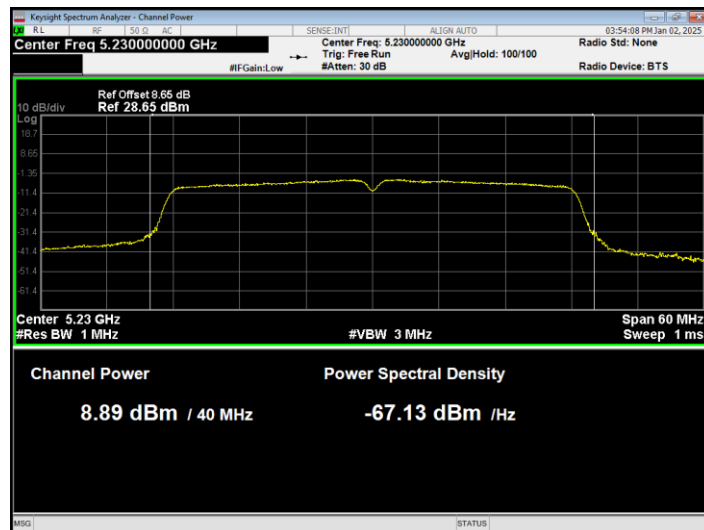
Power NVNT ac20 5240MHz Ant1



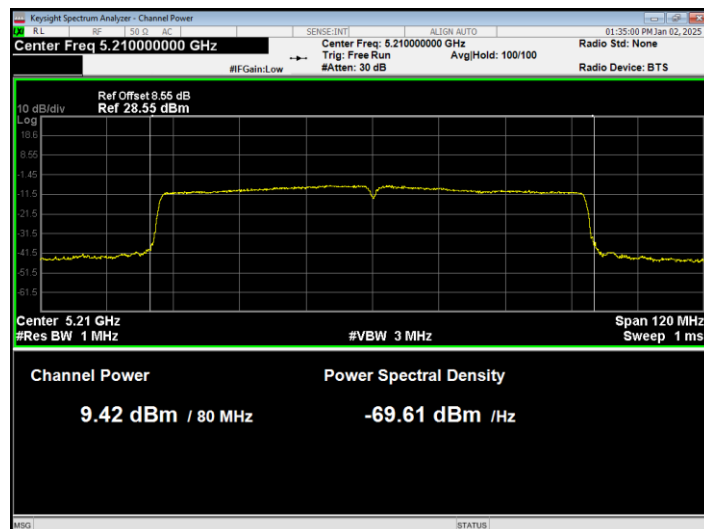
Power NVNT ac40 5190MHz Ant1



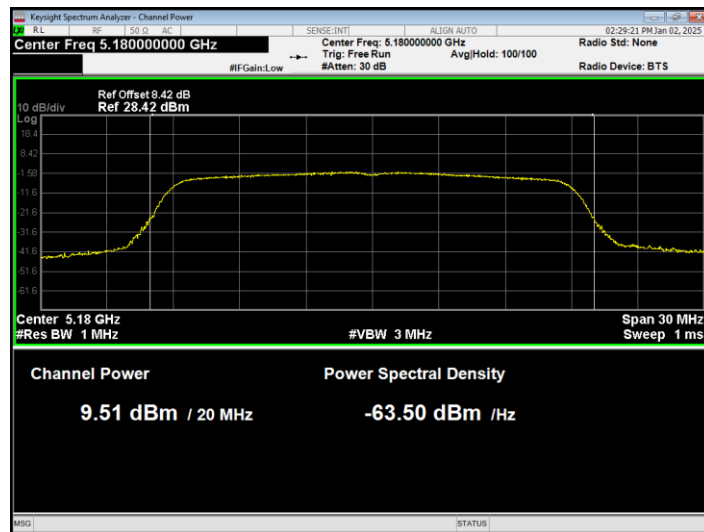
Power NVNT ac40 5230MHz Ant1



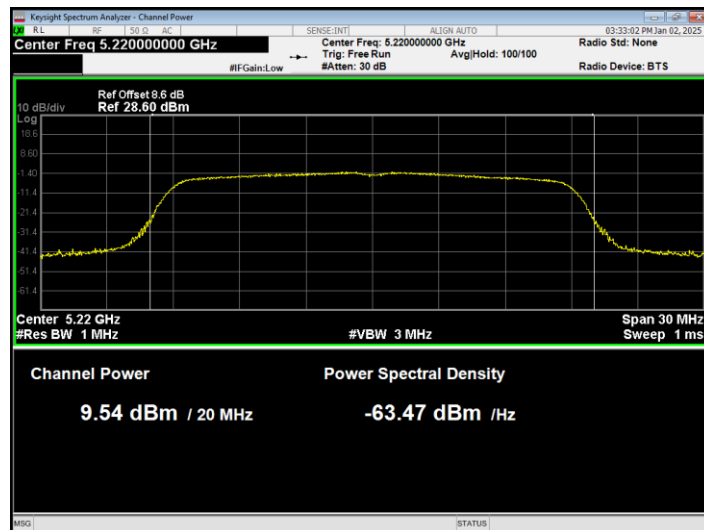
Power NVNT ac80 5210MHz Ant1



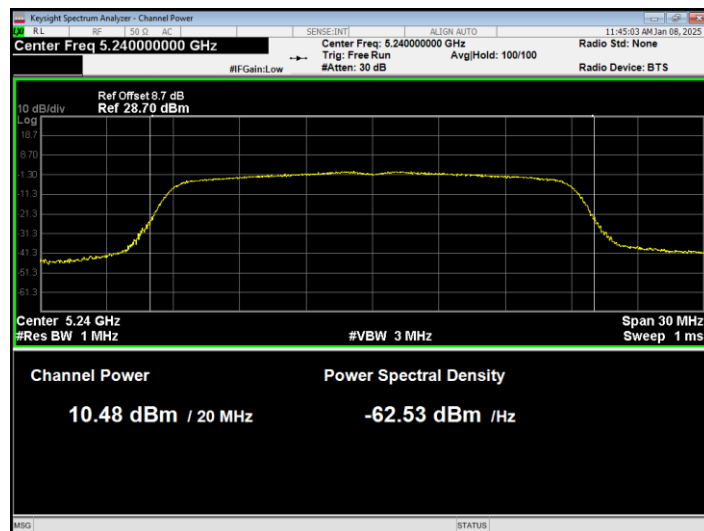
Power NVNT ax20 5180MHz Ant1



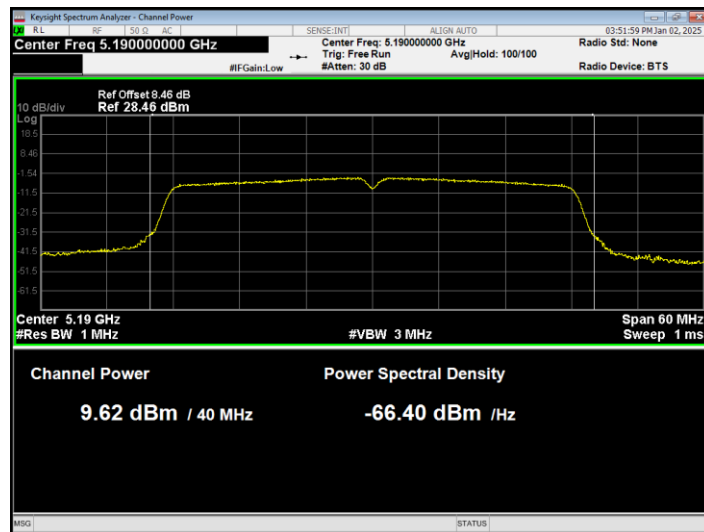
Power NVNT ax20 5220MHz Ant1



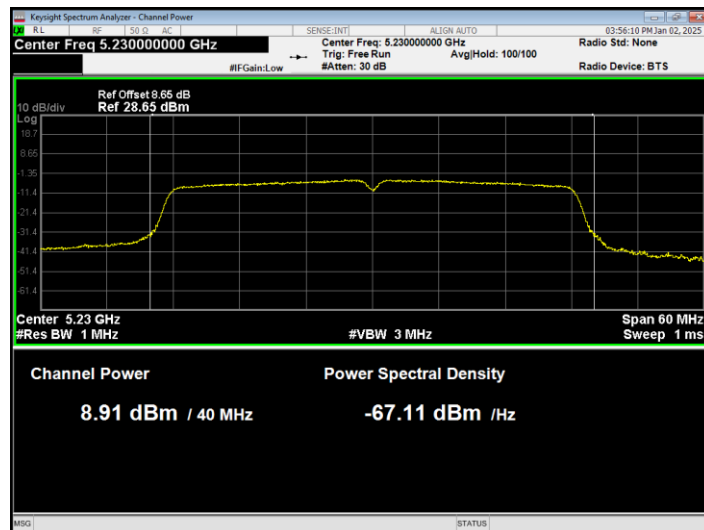
Power NVNT ax20 5240MHz Ant1



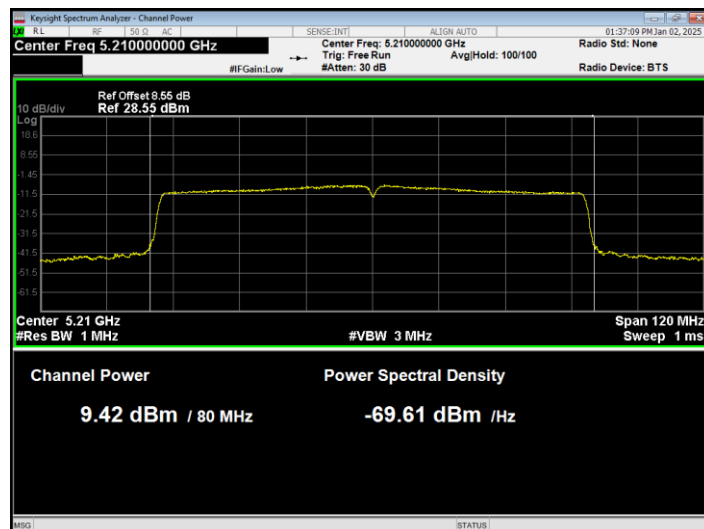
Power NVNT ax40 5190MHz Ant1



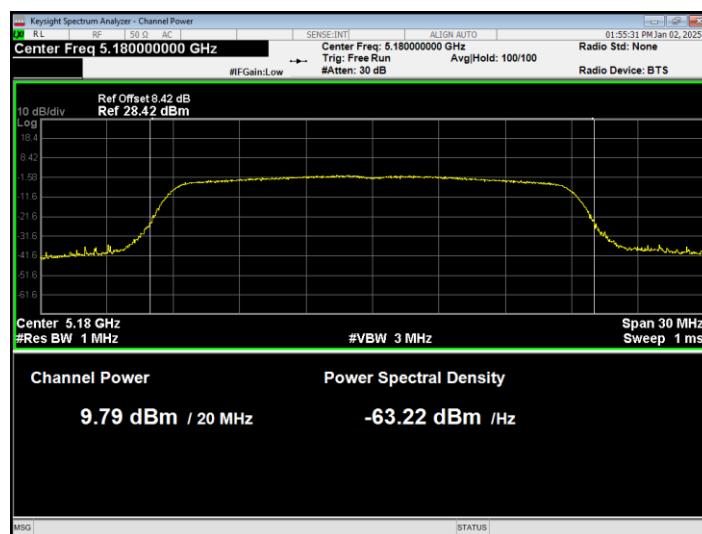
Power NVNT ax40 5230MHz Ant1



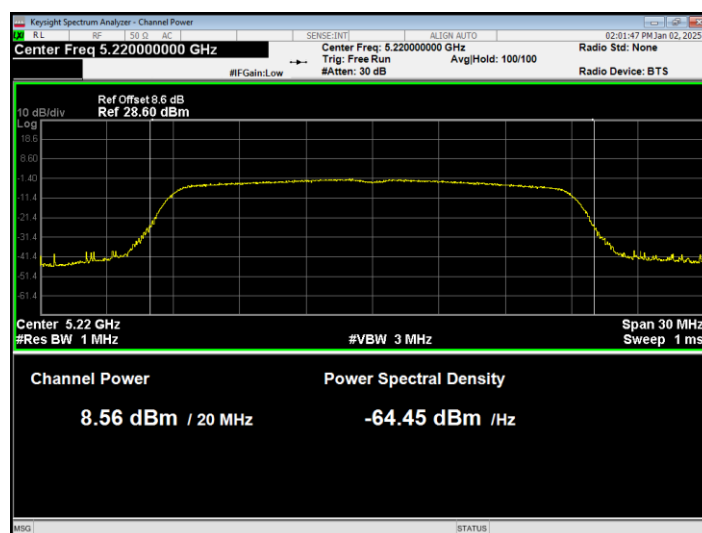
Power NVNT ax80 5210MHz Ant1



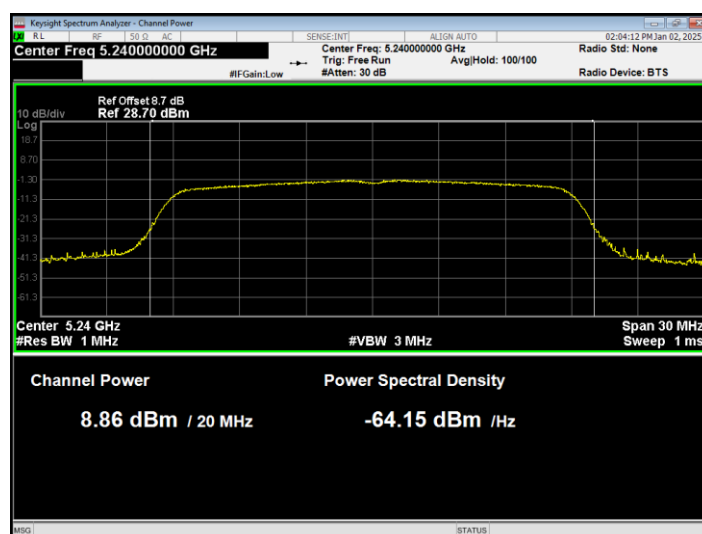
Power NVNT n20 5180MHz Ant1



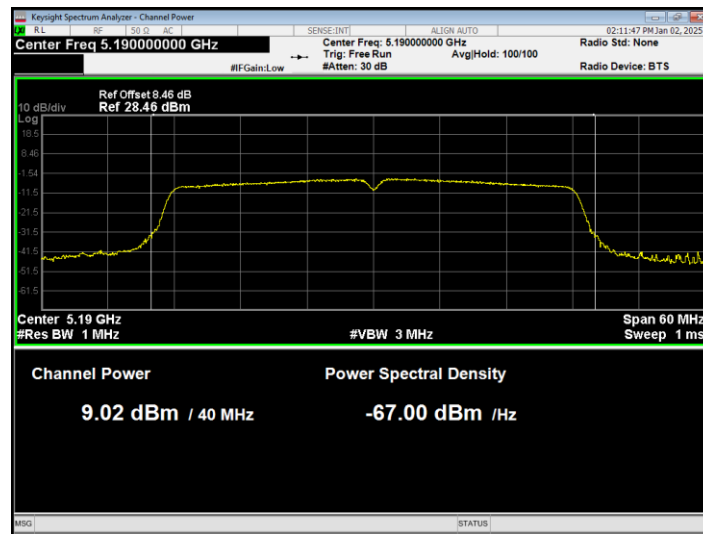
Power NVNT n20 5220MHz Ant1



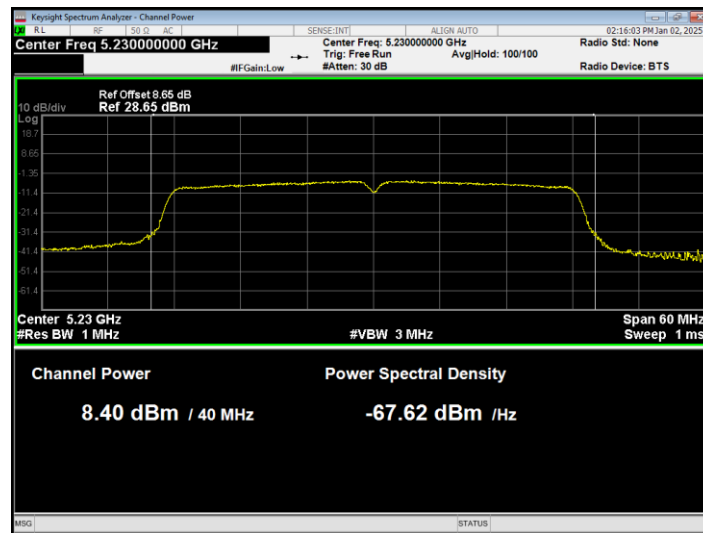
Power NVNT n20 5240MHz Ant1



Power NVNT n40 5190MHz Ant1



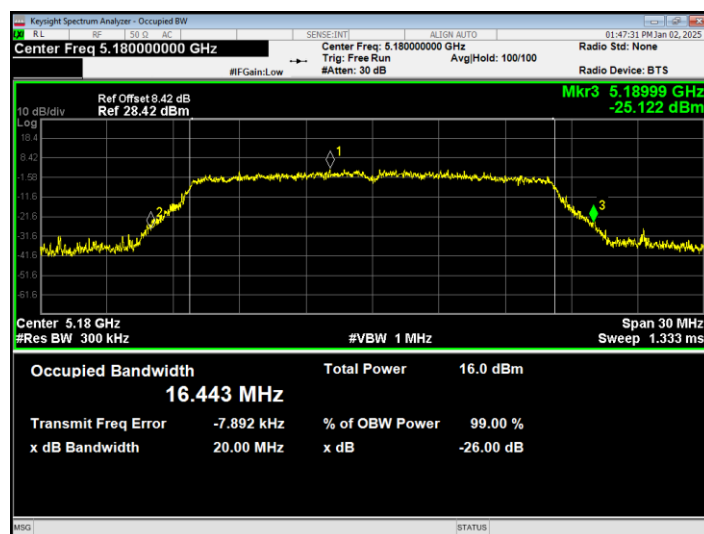
Power NVNT n40 5230MHz Ant1



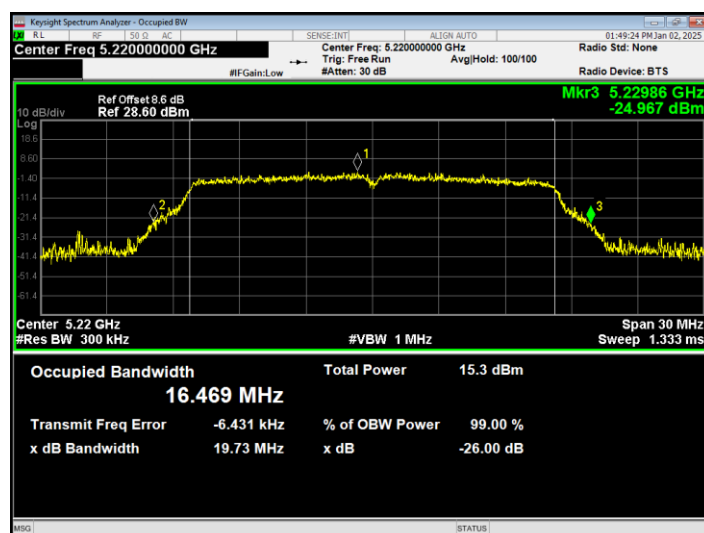
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.997	0.5	Pass
NVNT	a	5220	Ant1	19.733	0.5	Pass
NVNT	a	5240	Ant1	19.789	0.5	Pass
NVNT	ac20	5180	Ant1	20.254	0.5	Pass
NVNT	ac20	5220	Ant1	20.204	0.5	Pass
NVNT	ac20	5240	Ant1	20.307	0.5	Pass
NVNT	ac40	5190	Ant1	39.751	0.5	Pass
NVNT	ac40	5230	Ant1	40.347	0.5	Pass
NVNT	ac80	5210	Ant1	80.887	0.5	Pass
NVNT	ax20	5180	Ant1	20.305	0.5	Pass
NVNT	ax20	5220	Ant1	20.438	0.5	Pass
NVNT	ax20	5240	Ant1	20.2	0.5	Pass
NVNT	ax40	5190	Ant1	39.612	0.5	Pass
NVNT	ax40	5230	Ant1	39.83	0.5	Pass
NVNT	ax80	5210	Ant1	79.572	0.5	Pass
NVNT	n20	5180	Ant1	20.135	0.5	Pass
NVNT	n20	5220	Ant1	20.322	0.5	Pass
NVNT	n20	5240	Ant1	20.235	0.5	Pass
NVNT	n40	5190	Ant1	39.984	0.5	Pass
NVNT	n40	5230	Ant1	49.893	0.5	Pass

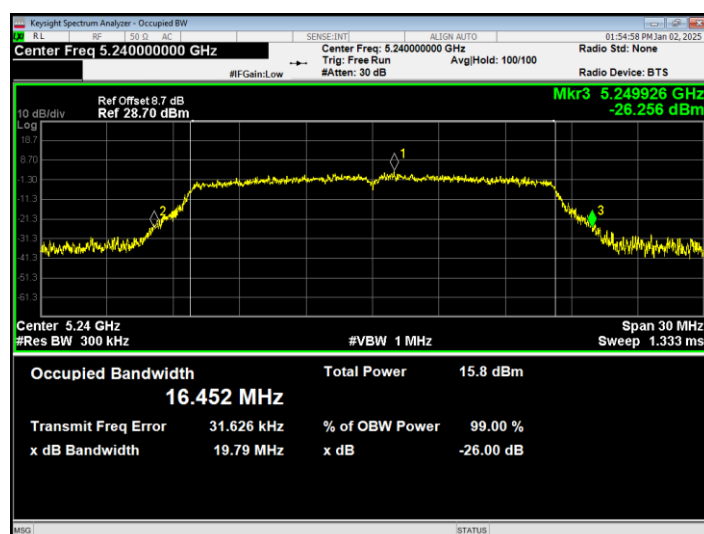
-26dB Bandwidth NVNT a 5180MHz Ant1



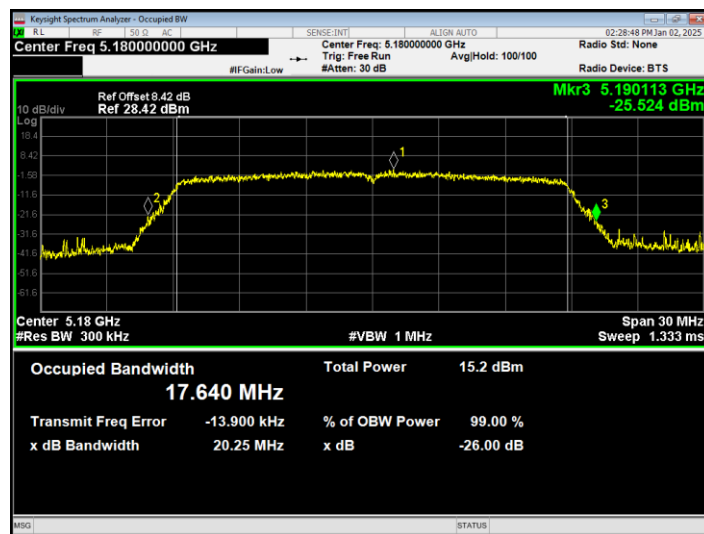
-26dB Bandwidth NVNT a 5220MHz Ant1



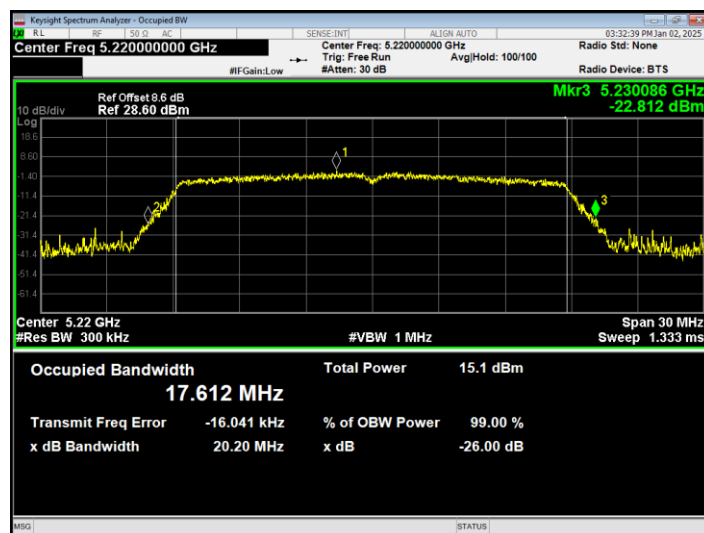
-26dB Bandwidth NVNT a 5240MHz Ant1



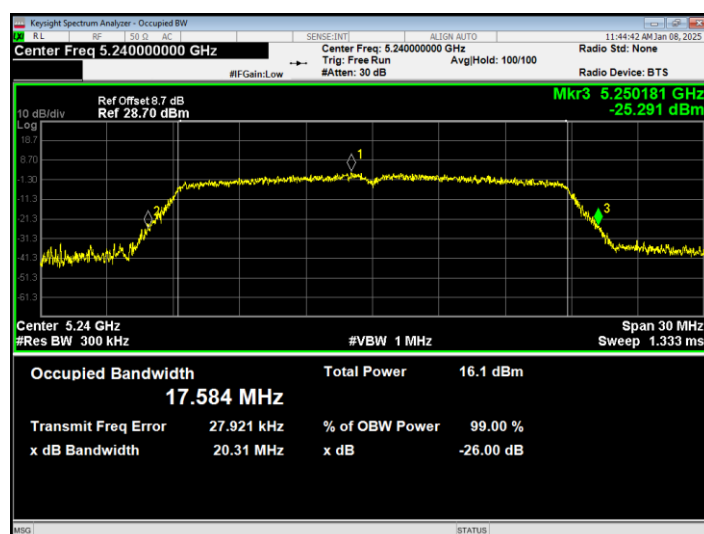
-26dB Bandwidth NVNT ac20 5180MHz Ant1



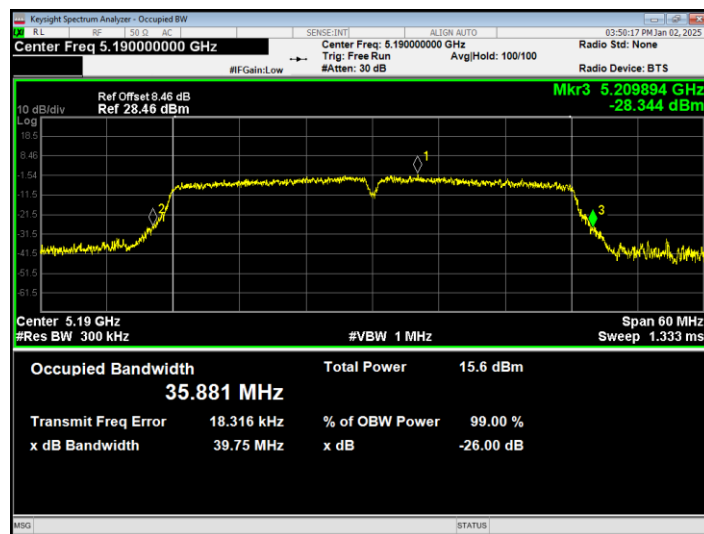
-26dB Bandwidth NVNT ac20 5220MHz Ant1



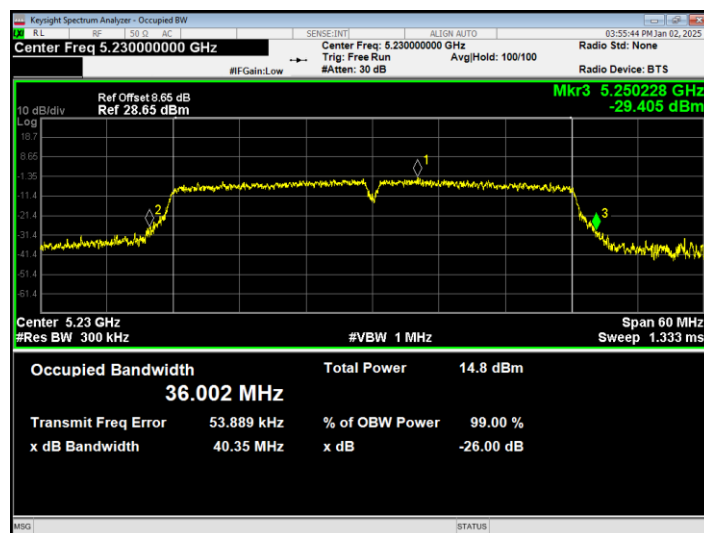
-26dB Bandwidth NVNT ac20 5240MHz Ant1



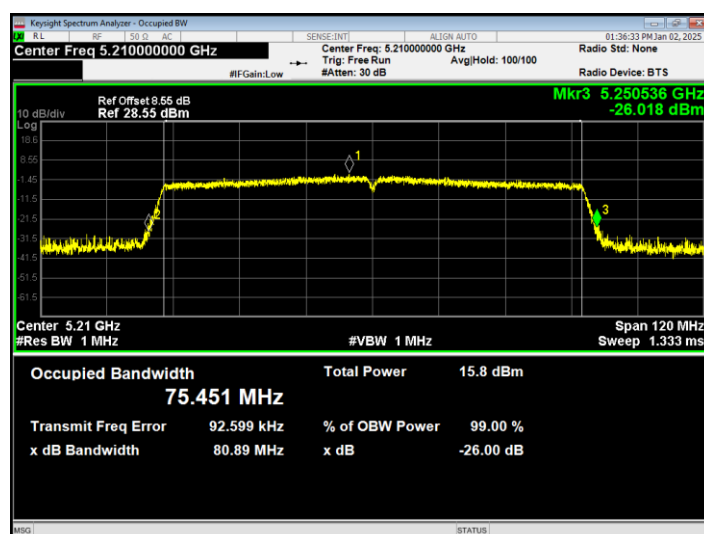
-26dB Bandwidth NVNT ac40 5190MHz Ant1



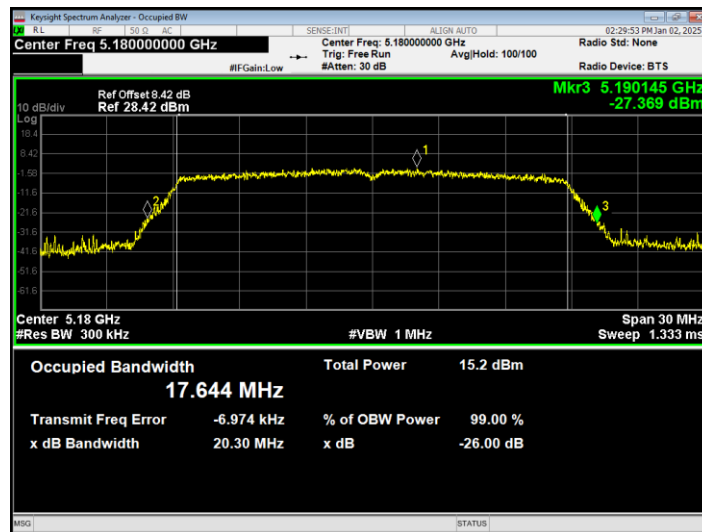
-26dB Bandwidth NVNT ac40 5230MHz Ant1



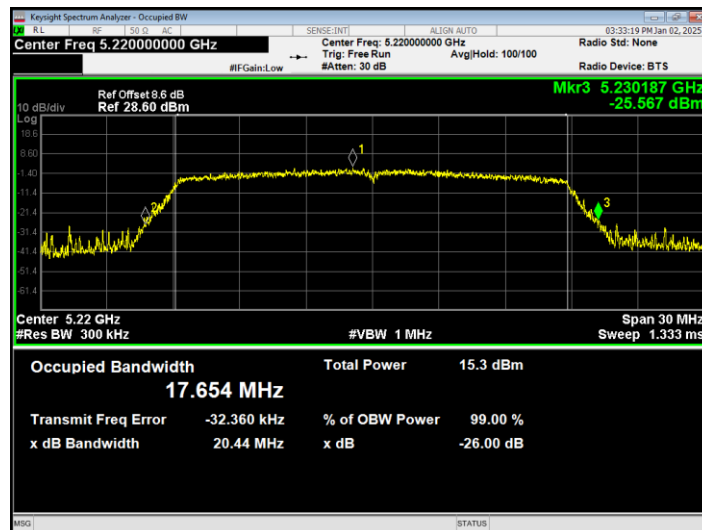
-26dB Bandwidth NVNT ac80 5210MHz Ant1



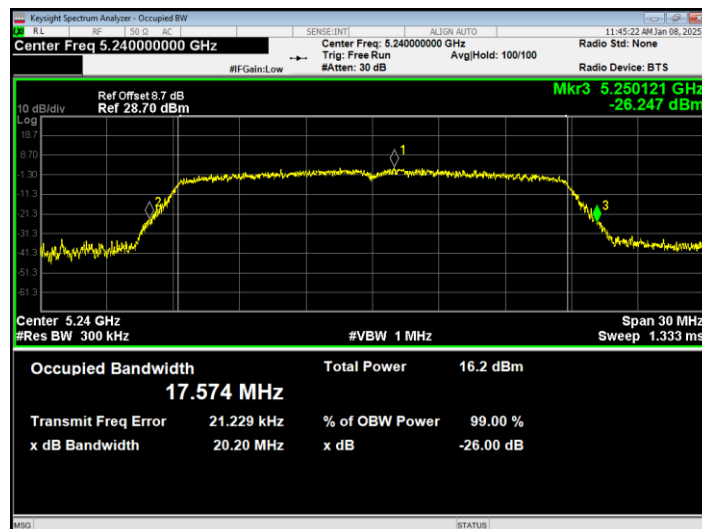
-26dB Bandwidth NVNT ax20 5180MHz Ant1



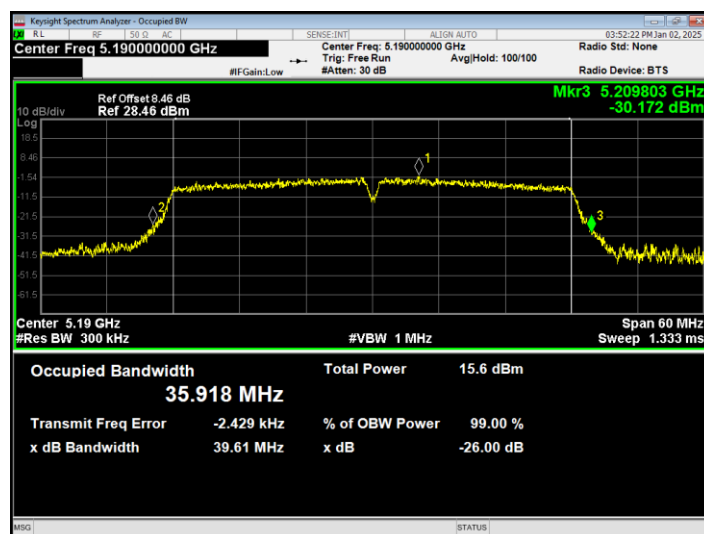
-26dB Bandwidth NVNT ax20 5220MHz Ant1



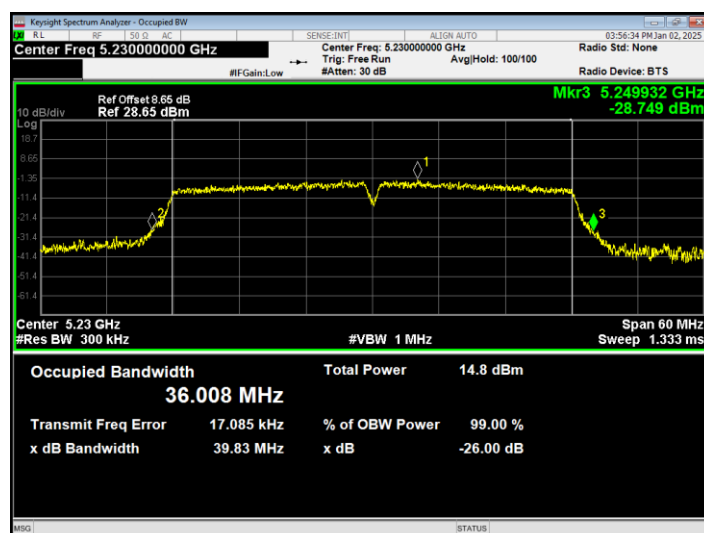
-26dB Bandwidth NVNT ax20 5240MHz Ant1



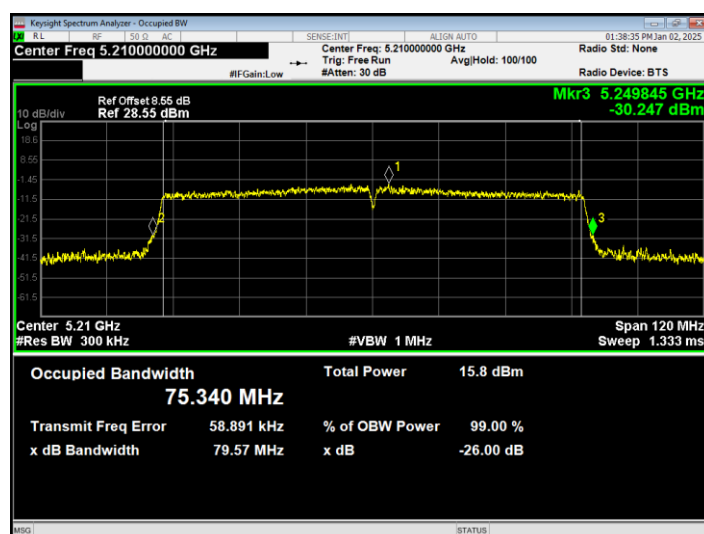
-26dB Bandwidth NVNT ax40 5190MHz Ant1



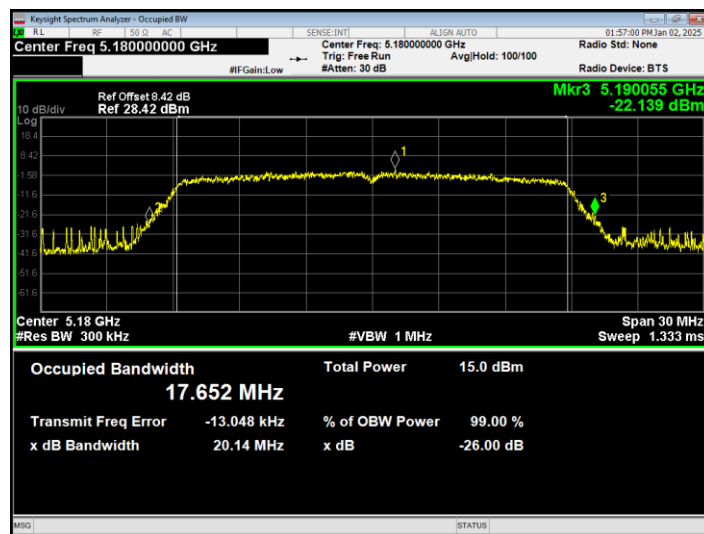
-26dB Bandwidth NVNT ax40 5230MHz Ant1



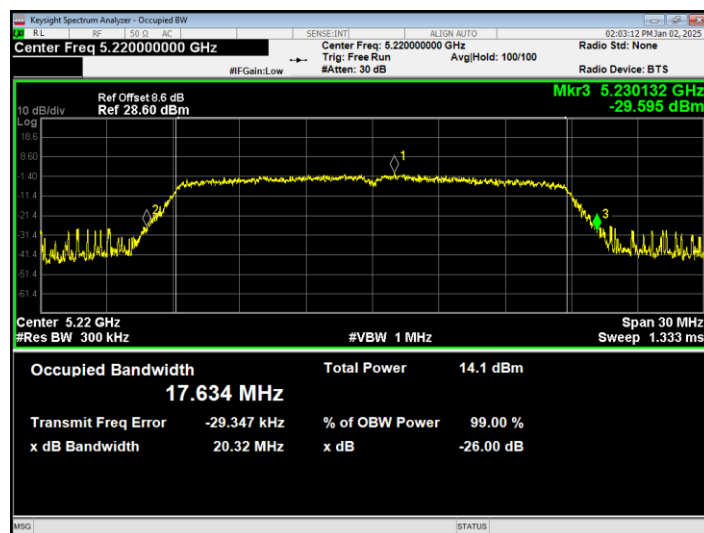
-26dB Bandwidth NVNT ax80 5210MHz Ant1



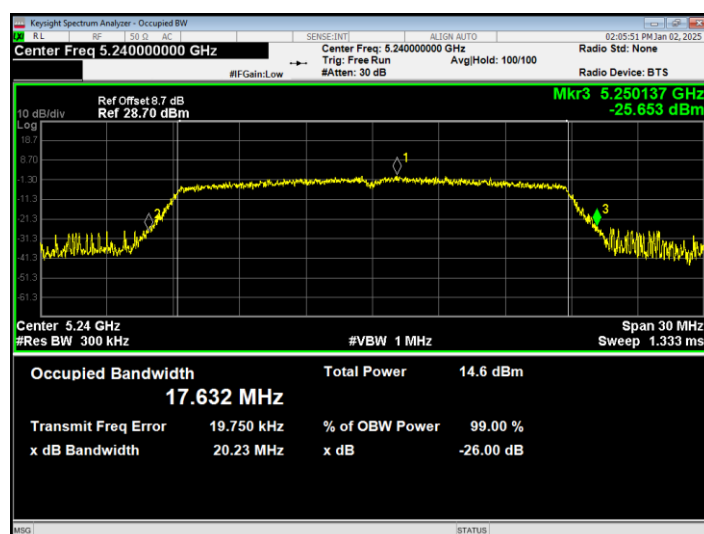
-26dB Bandwidth NVNT n20 5180MHz Ant1



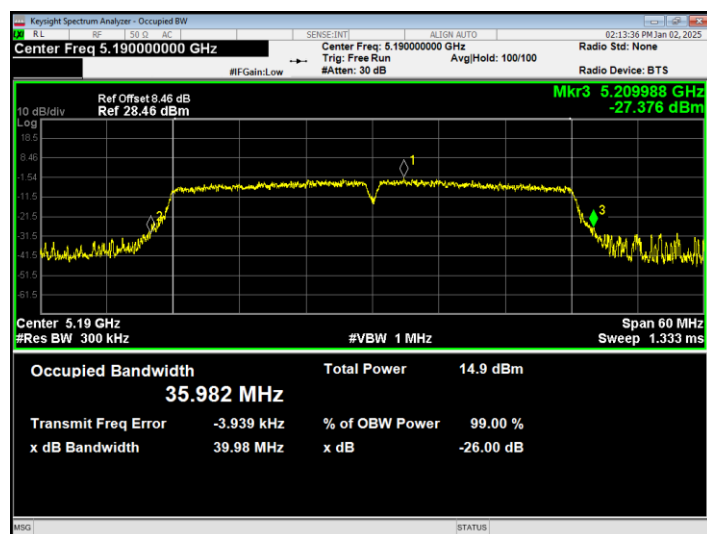
-26dB Bandwidth NVNT n20 5220MHz Ant1



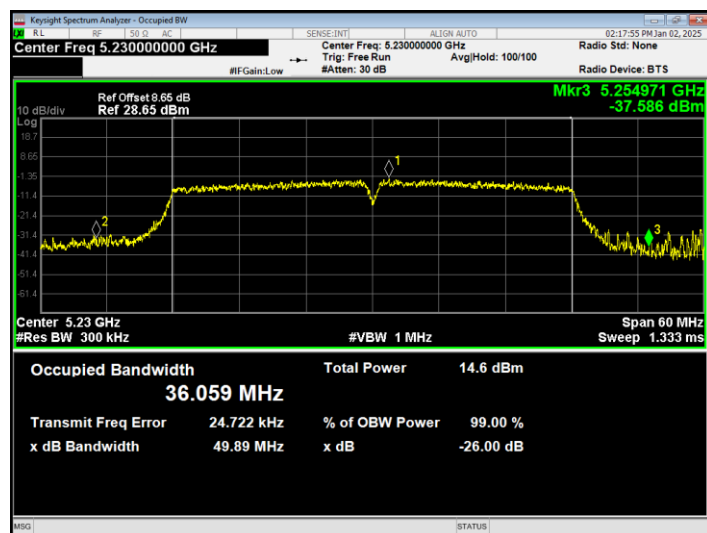
-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



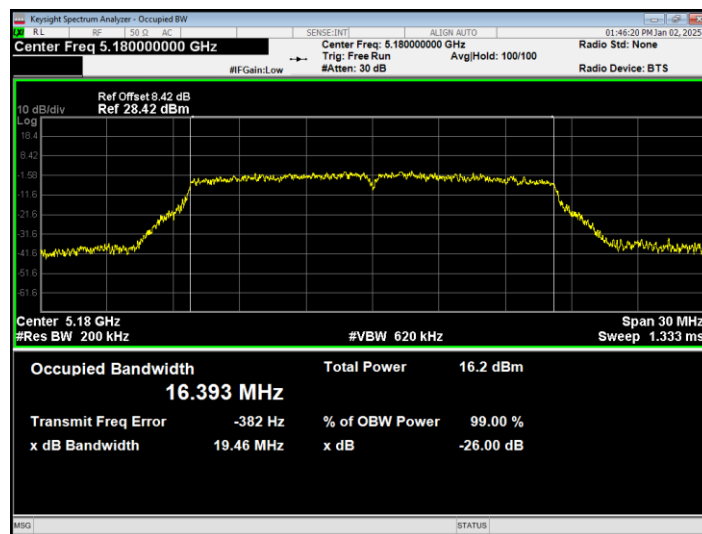
-26dB Bandwidth NVNT n40 5230MHz Ant1



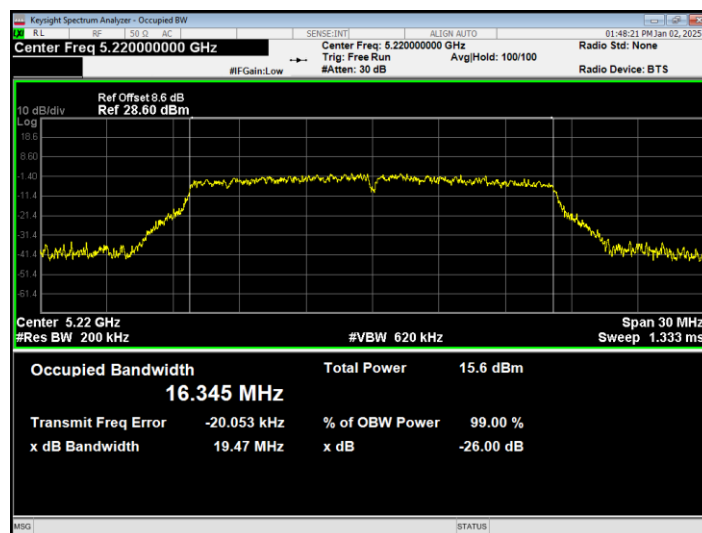
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.39310595
NVNT	a	5220	Ant1	16.34499826
NVNT	a	5240	Ant1	16.37694889
NVNT	ac20	5180	Ant1	17.5669415
NVNT	ac20	5220	Ant1	17.54271126
NVNT	ac20	5240	Ant1	17.51142943
NVNT	ac40	5190	Ant1	35.94407162
NVNT	ac40	5230	Ant1	36.11387615
NVNT	ac80	5210	Ant1	75.39404061
NVNT	ax20	5180	Ant1	17.57533509
NVNT	ax20	5220	Ant1	17.56864718
NVNT	ax20	5240	Ant1	17.51447163
NVNT	ax40	5190	Ant1	35.96993681
NVNT	ax40	5230	Ant1	36.04195452
NVNT	ax80	5210	Ant1	75.3918513
NVNT	n20	5180	Ant1	17.55867385
NVNT	n20	5220	Ant1	17.54757495
NVNT	n20	5240	Ant1	17.56353434
NVNT	n40	5190	Ant1	36.00730043
NVNT	n40	5230	Ant1	36.14316851

OBW NVNT a 5180MHz Ant1



OBW NVNT a 5220MHz Ant1



OBW NVNT a 5240MHz Ant1

