



ANNEX 2 TEST DATA

FCC ID:2BVRH-Y06

Applicant: Chengdu Yingmiao Zhihui Education Technology Co., Ltd.

Address: No.12, Building 1, No.66 Pingdong Road, Donglin Village, Deyuan Subdistrict, Pidu District, Chengdu, Sichuan Province, P.R.China

Manufacturer: Chengdu Yingmiao Zhihui Education Technology Co., Ltd.

Address: No.12, Building 1, No.66 Pingdong Road, Donglin Village, Deyuan Subdistrict, Pidu District, Chengdu, Sichuan Province, P.R.China

Product Name: Tracing Projector

Trade Mark: N/A

Model Number: Y06, Y6, LY06, LY600, Y220, LY220, S6, S06, S600, LS6, LS06, LS600, MT06, MT600, MT220

Date of Receipt: Apr. 13, 2026

Test Date: Apr. 13, 2026 - May. 13, 2026

Date of Report: May. 13, 2026

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+Cor 1-2023

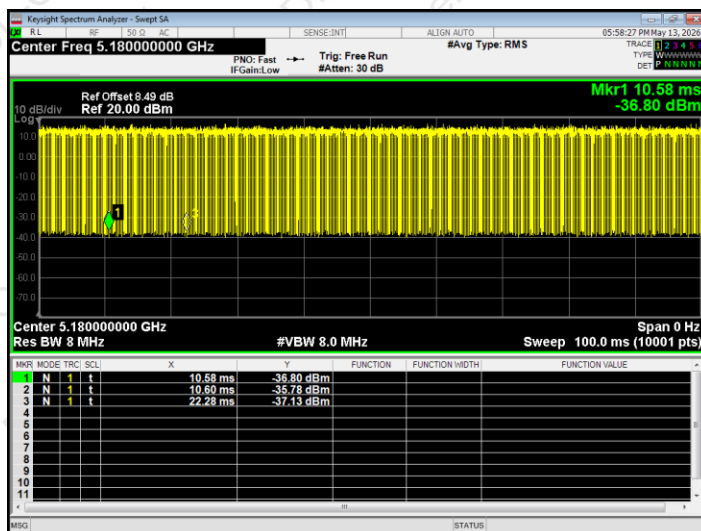
Test Result: Pass

**1. Duty Cycle**

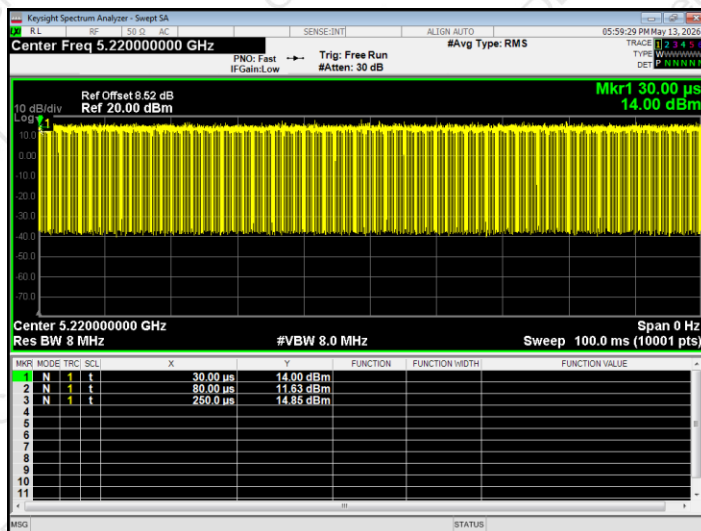
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	99.83	0.01
NVNT	a	5200	Ant1	77.27	1.12
NVNT	a	5240	Ant1	81.82	0.87
NVNT	n20	5180	Ant1	97.01	0.13
NVNT	n20	5200	Ant1	97.01	0.13
NVNT	n20	5240	Ant1	97.01	0.13
NVNT	n40	5190	Ant1	94.2	0.26
NVNT	n40	5230	Ant1	94.2	0.26



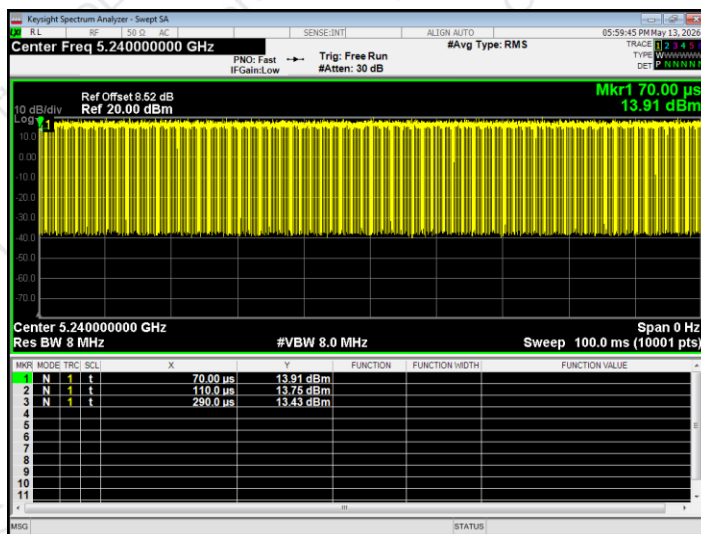
Duty Cycle NVNT a 5180MHz Ant1



Duty Cycle NVNT a 5220MHz Ant1

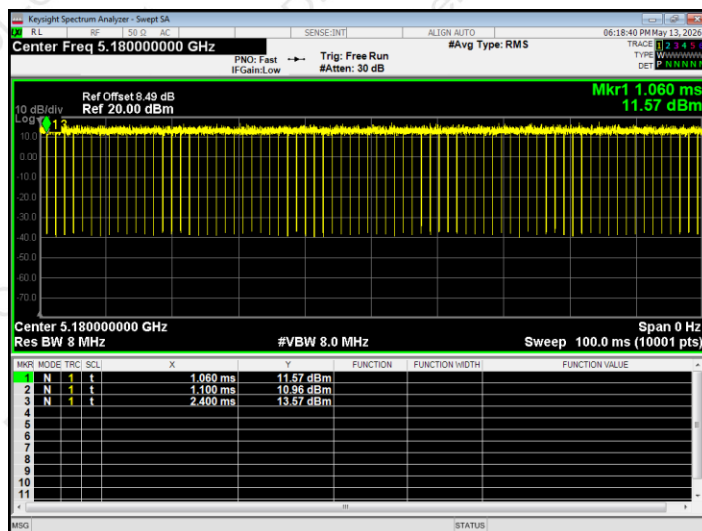


Duty Cycle NVNT a 5240MHz Ant1

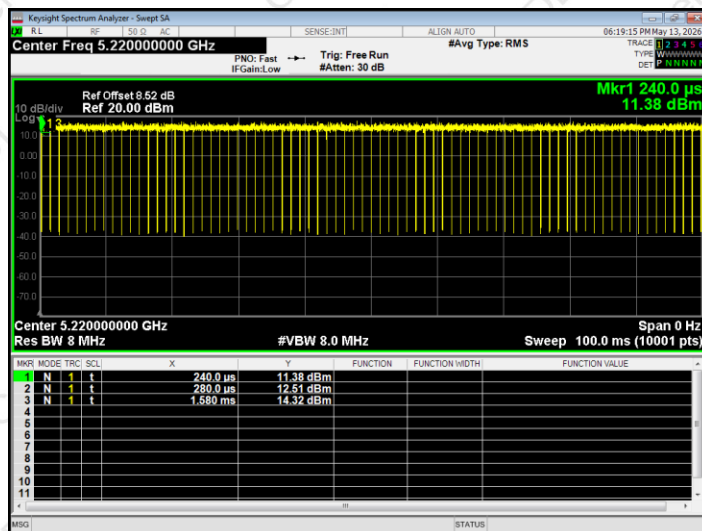




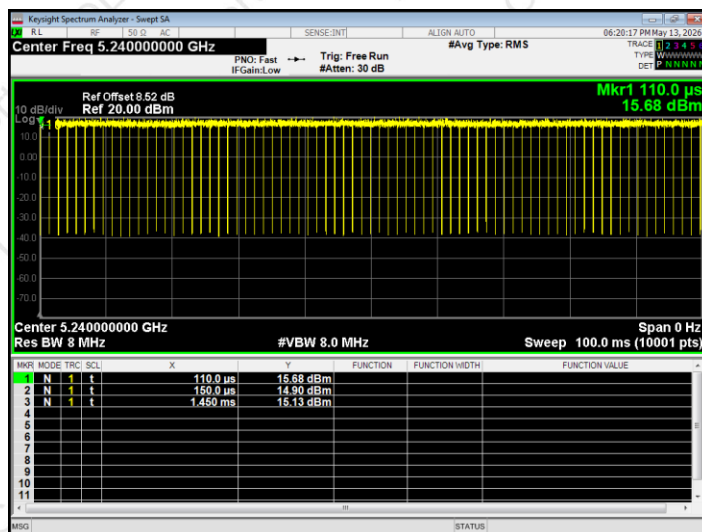
Duty Cycle NVNT n20 5180MHz Ant1



Duty Cycle NVNT n20 5220MHz Ant1

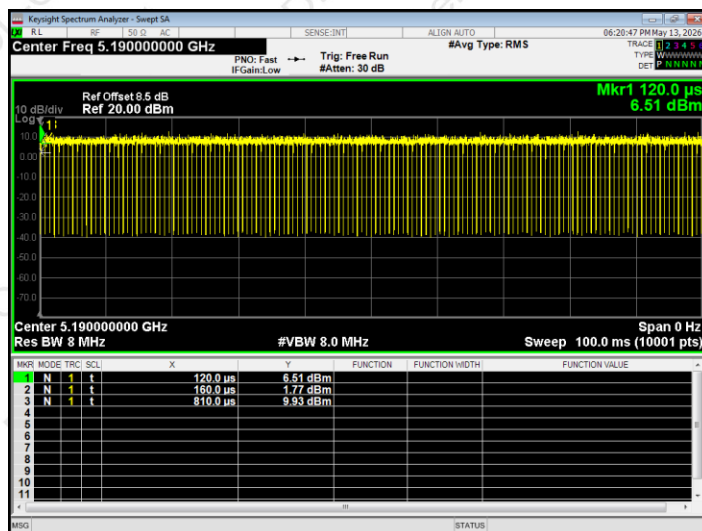


Duty Cycle NVNT n20 5240MHz Ant1

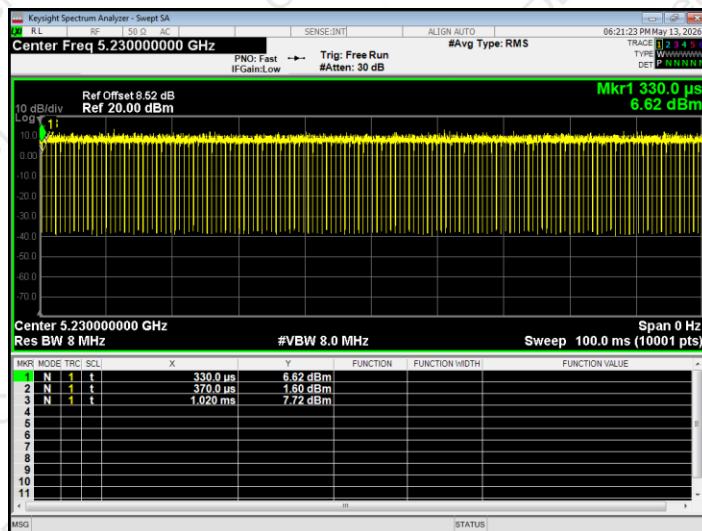




Duty Cycle NVNT n40 5190MHz Ant1

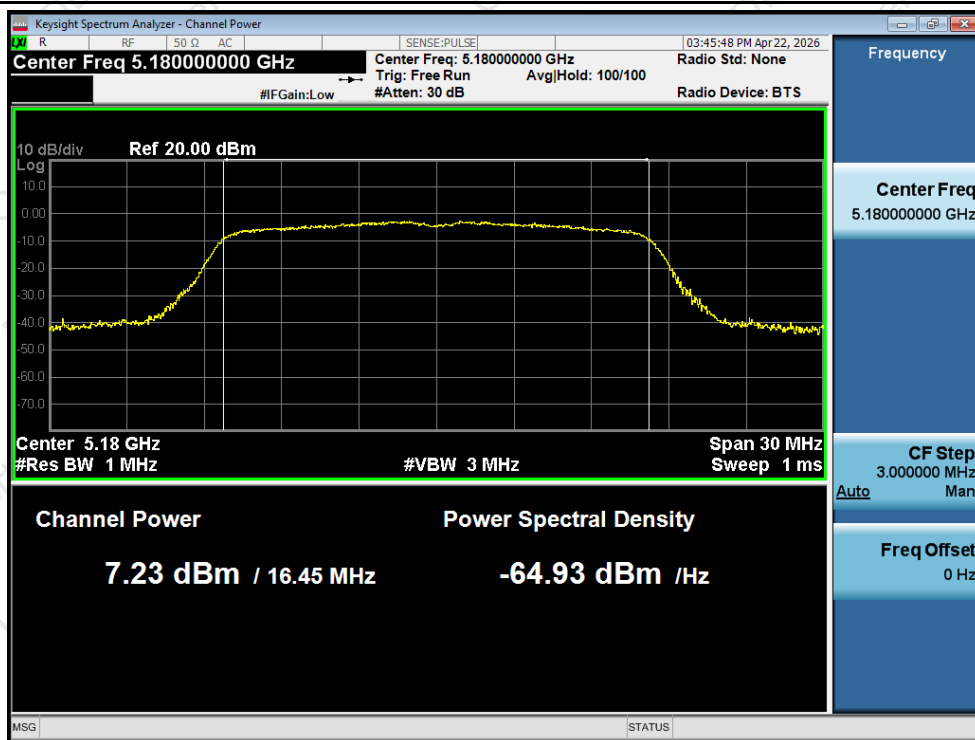


Duty Cycle NVNT n40 5230MHz Ant1

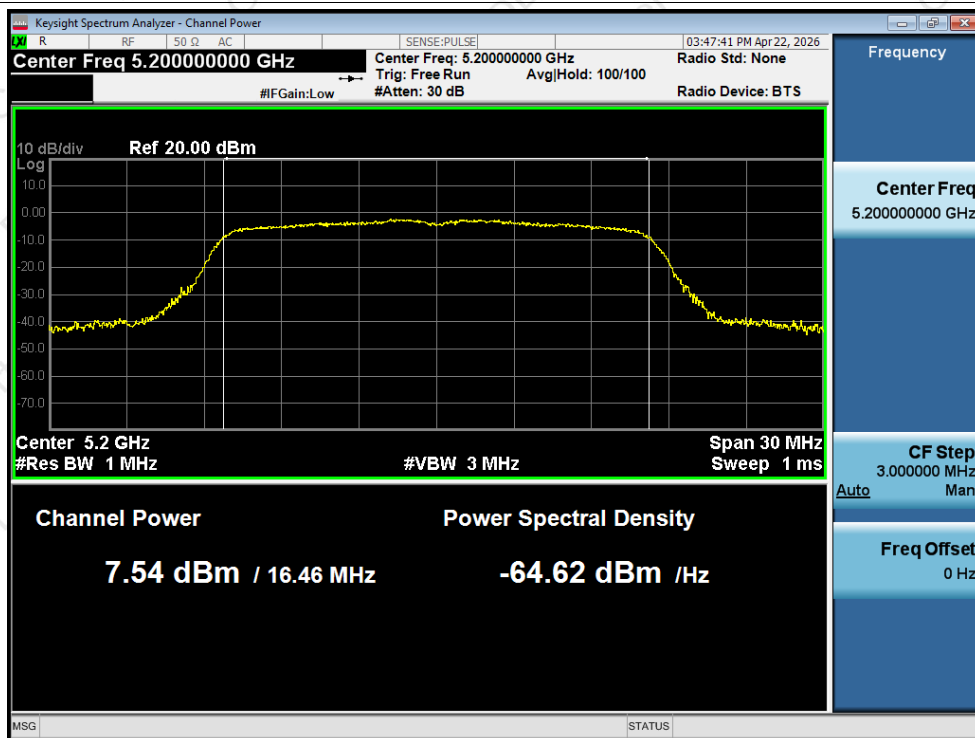


**2. Maximum Conducted Output Power**

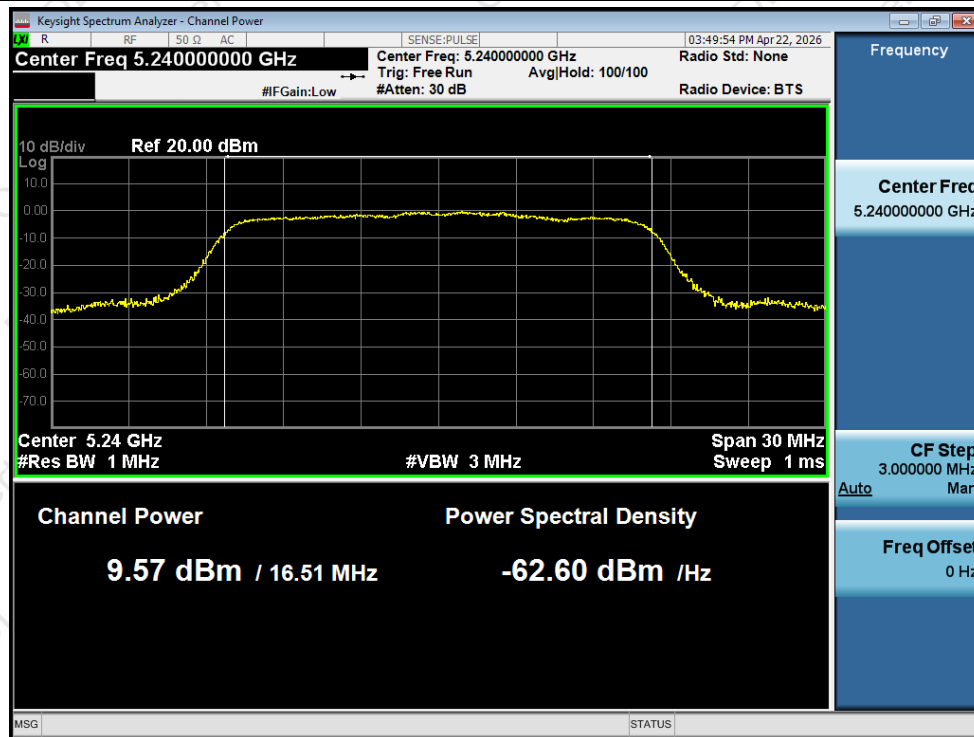
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Limit Conducted (dBm)	Verdict
NVNT	a	5180	Ant1	7.23	0.01	7.24	24	Pass
NVNT	a	5200	Ant1	7.54	1.12	8.66	24	Pass
NVNT	a	5240	Ant1	9.57	0.87	10.44	24	Pass
NVNT	n20	5180	Ant1	8.55	0.13	8.68	24	Pass
NVNT	n20	5200	Ant1	8.68	0.13	8.81	24	Pass
NVNT	n20	5240	Ant1	10.7	0.13	10.83	24	Pass
NVNT	n40	5190	Ant1	5.07	0.26	5.33	24	Pass
NVNT	n40	5230	Ant1	6.92	0.26	7.18	24	Pass



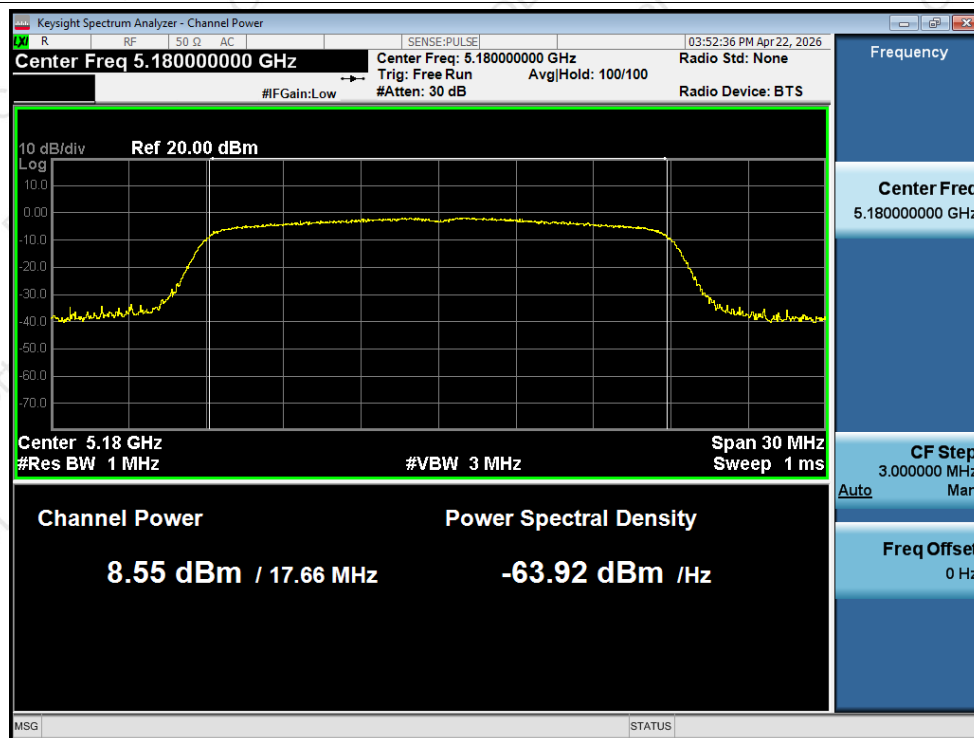
Power NVNT a 5180MHz Ant1



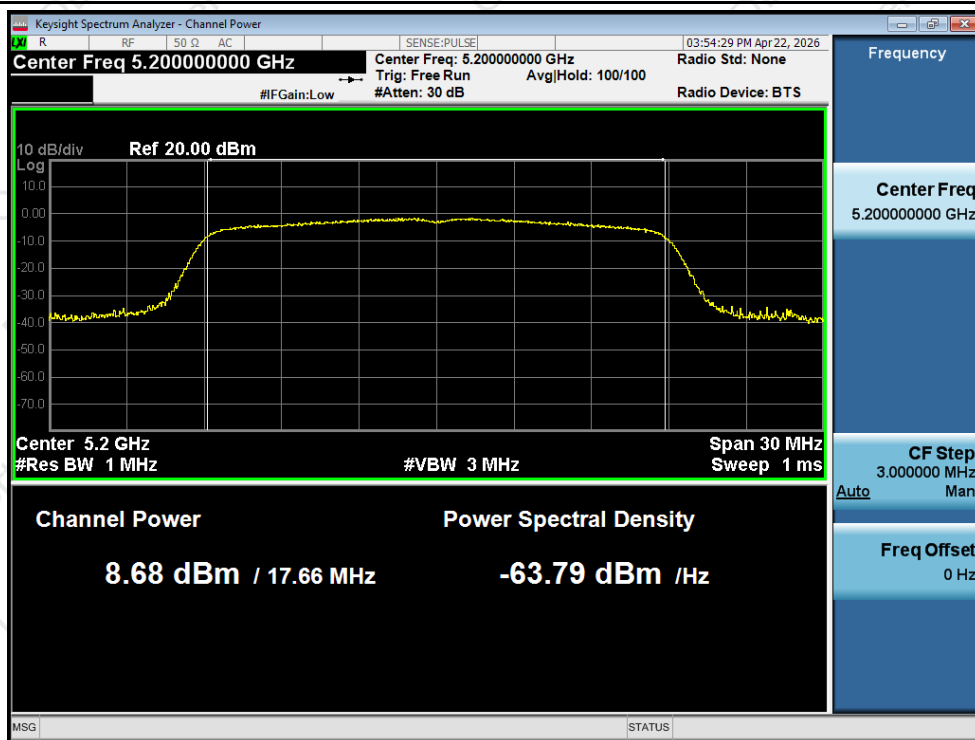
Power NVNT a 5200MHz Ant1



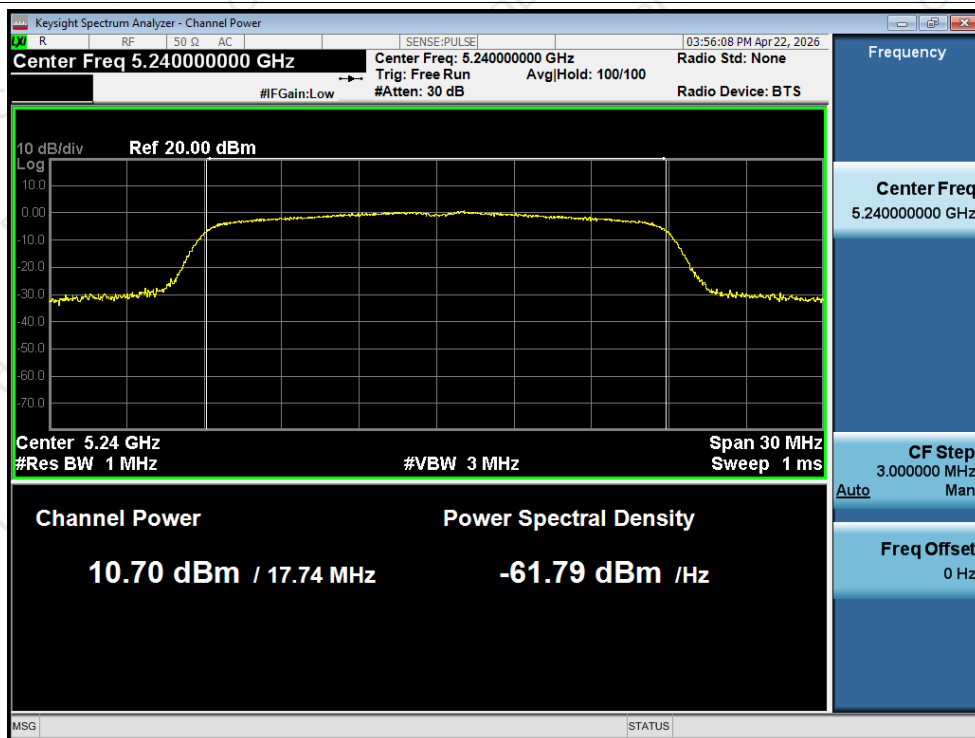
Power NVNT a 5240MHz Ant1



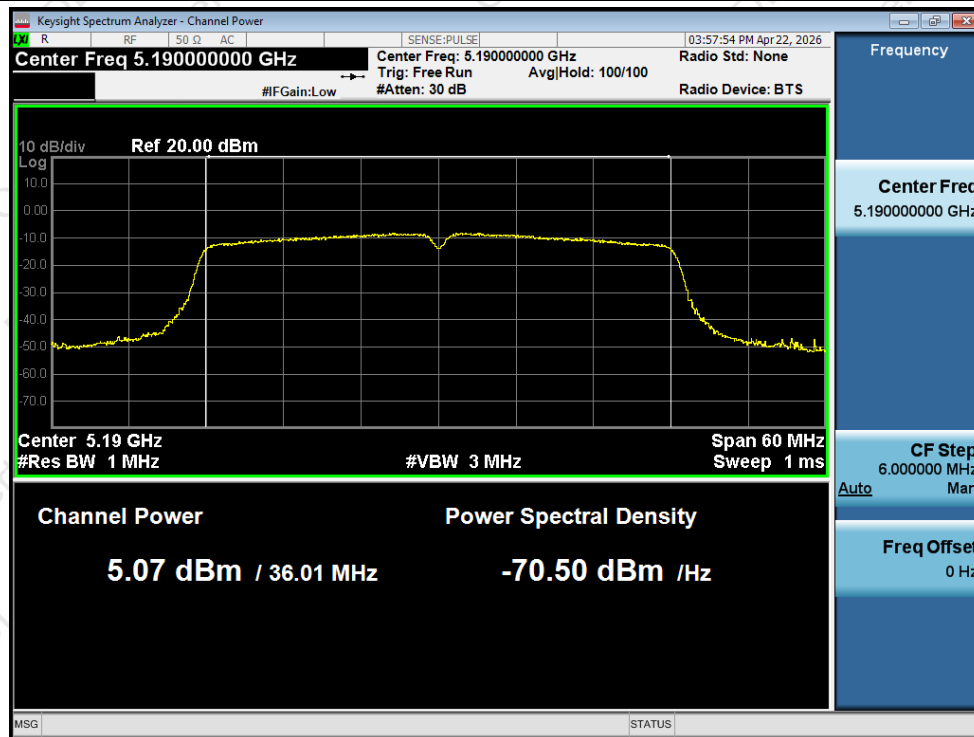
Power NVNT n20 5180MHz Ant1



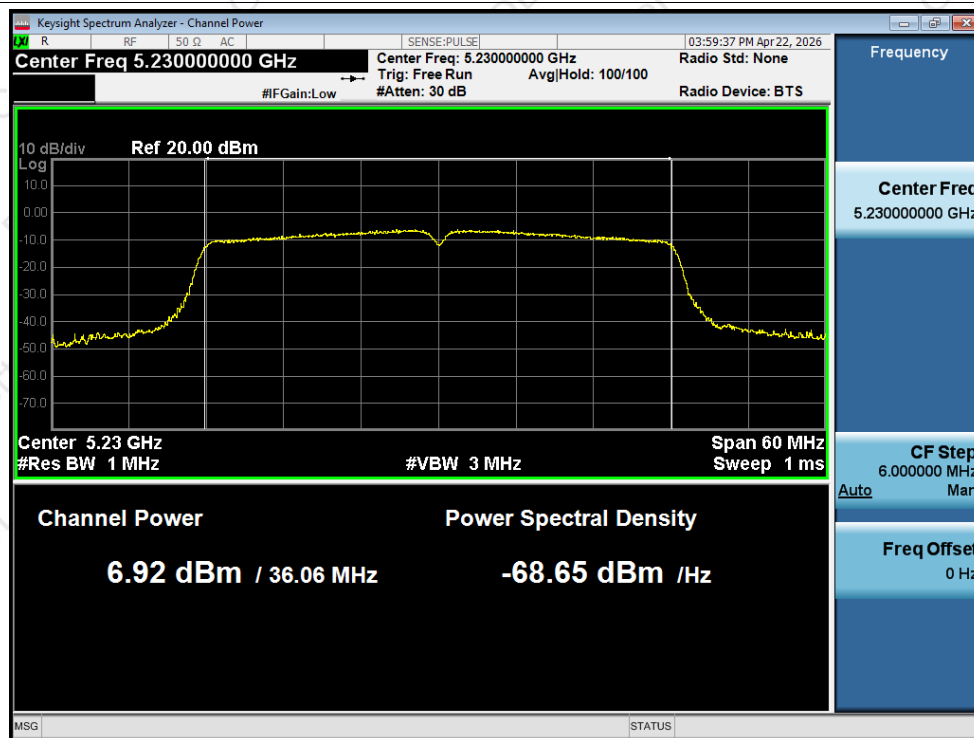
Power NVNT n20 5200MHz Ant1



Power NVNT n20 5240MHz Ant1



Power NVNT n40 5190MHz Ant1



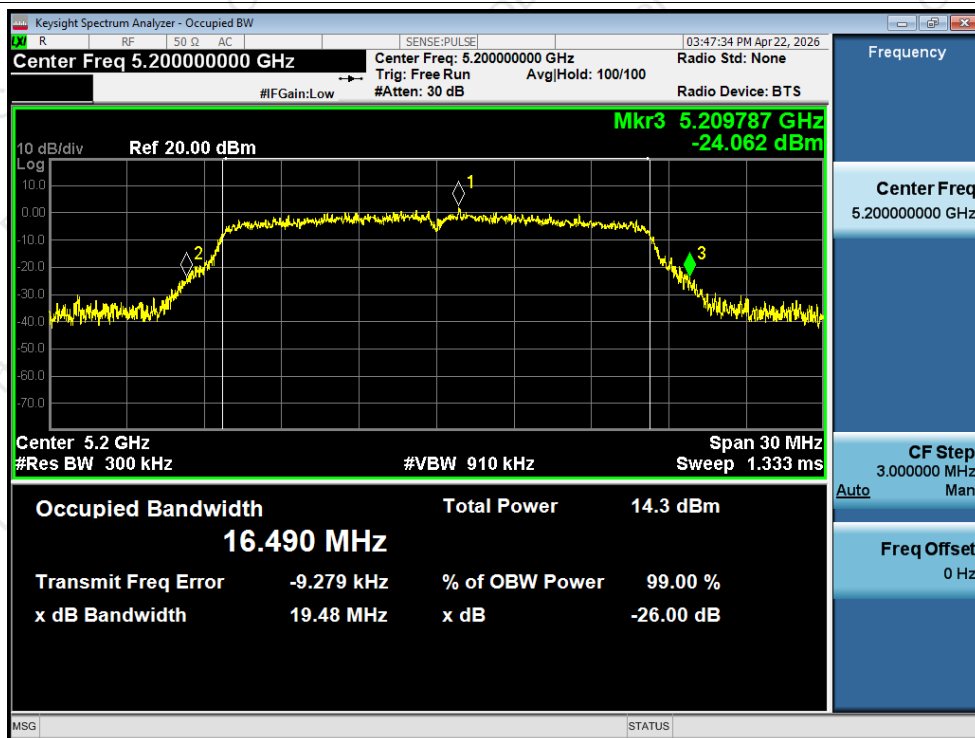
Power NVNT n40 5230MHz Ant1

**3. -26dB Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.71	Pass
NVNT	a	5200	Ant1	19.48	Pass
NVNT	a	5240	Ant1	20.69	Pass
NVNT	n20	5180	Ant1	26.97	Pass
NVNT	n20	5200	Ant1	27.44	Pass
NVNT	n20	5240	Ant1	27.9	Pass
NVNT	n40	5190	Ant1	40.31	Pass
NVNT	n40	5230	Ant1	40.43	Pass



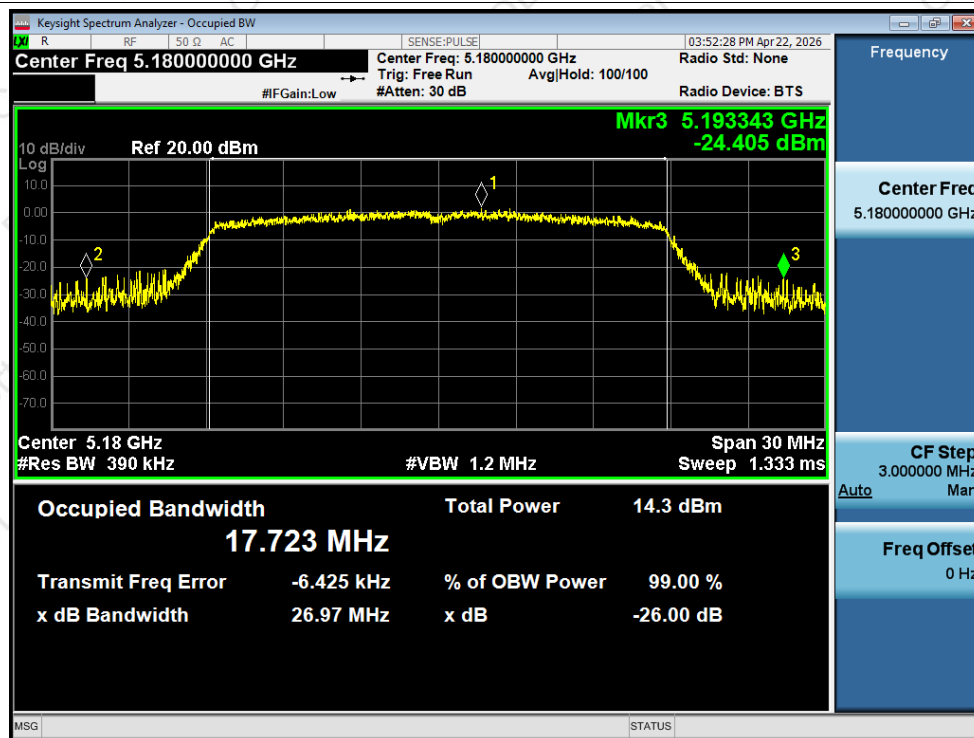
-26dB Bandwidth NVNT a 5180MHz Ant1



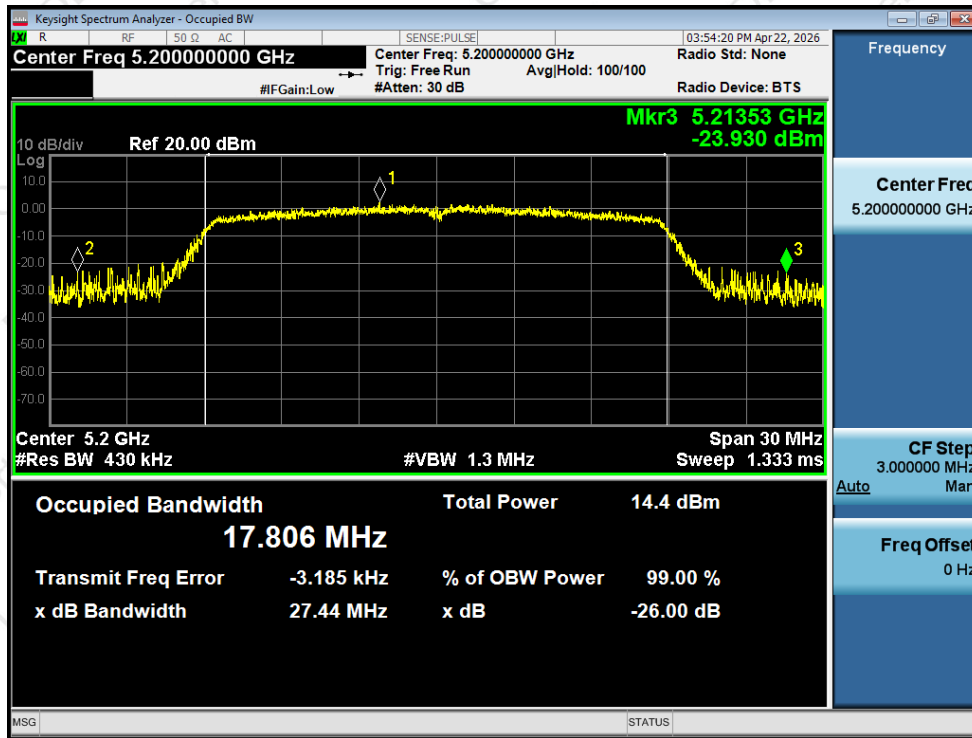
-26dB Bandwidth NVNT a 5200MHz Ant1



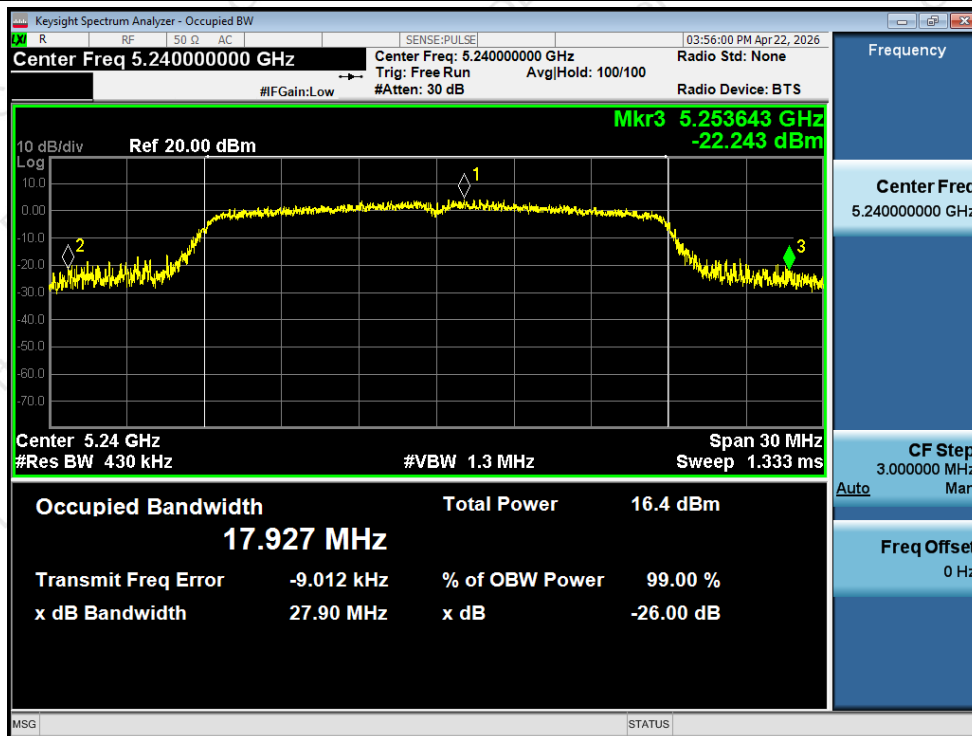
-26dB Bandwidth NVNT a 5240MHz Ant1



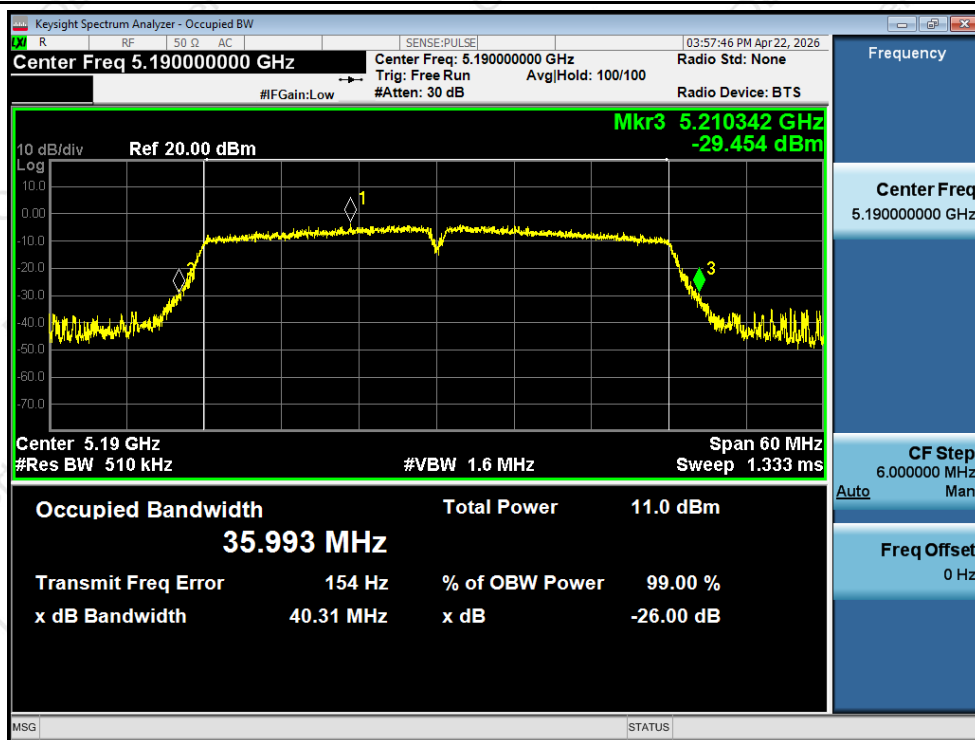
-26dB Bandwidth NVNT n20 5180MHz Ant1



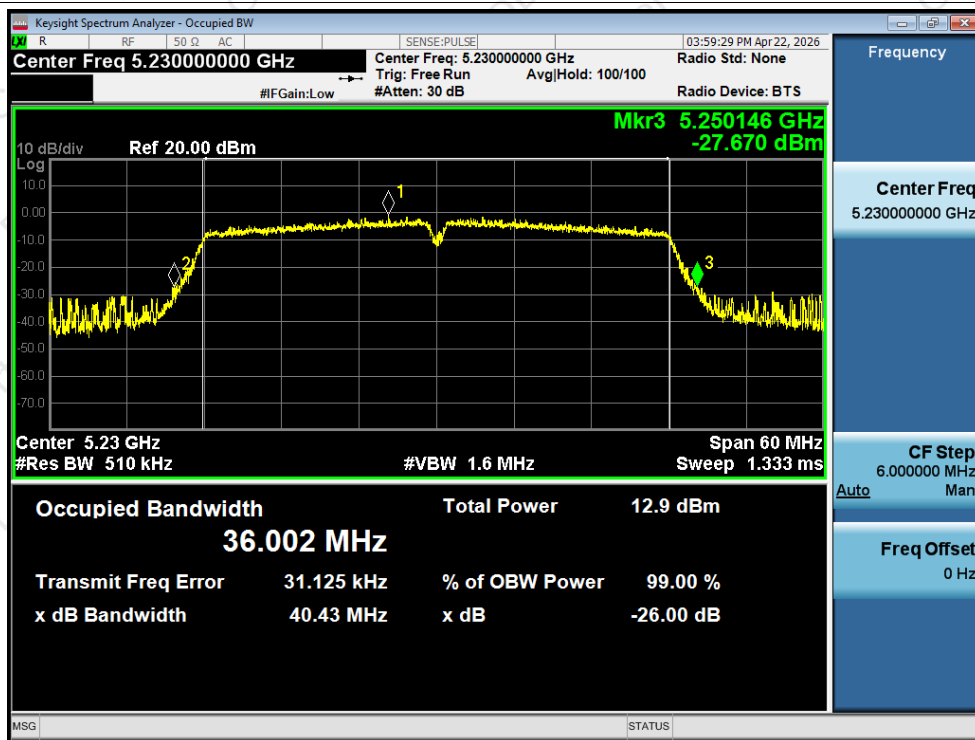
-26dB Bandwidth NVNT n20 5200MHz Ant1



-26dB Bandwidth NVNT n20 5240MHz Ant1



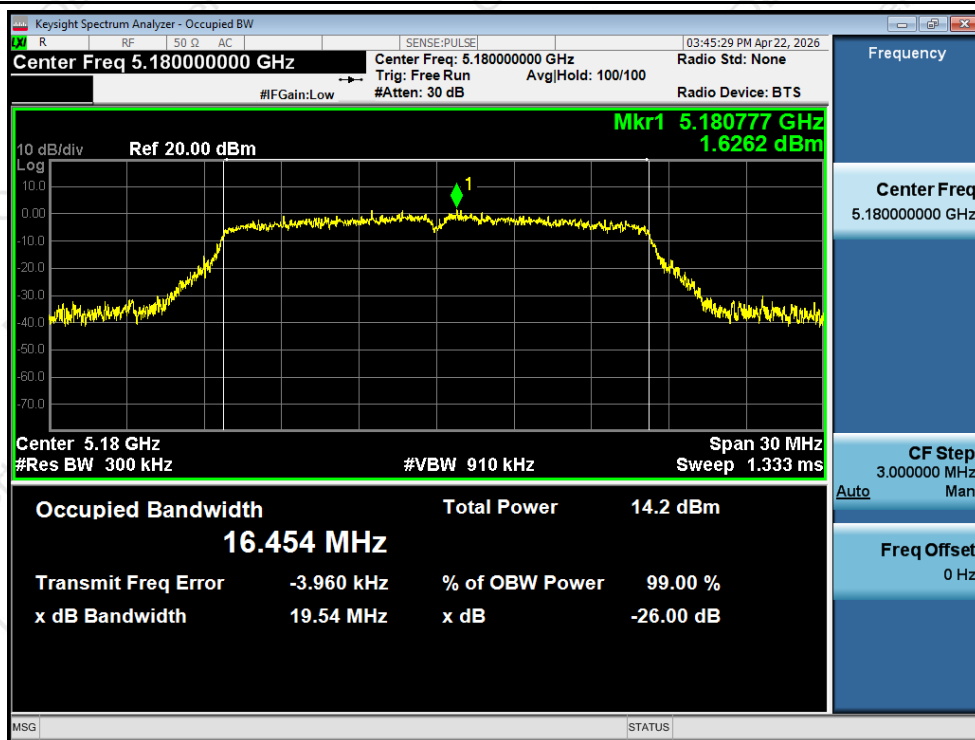
-26dB Bandwidth NVNT n40 5190MHz Ant1



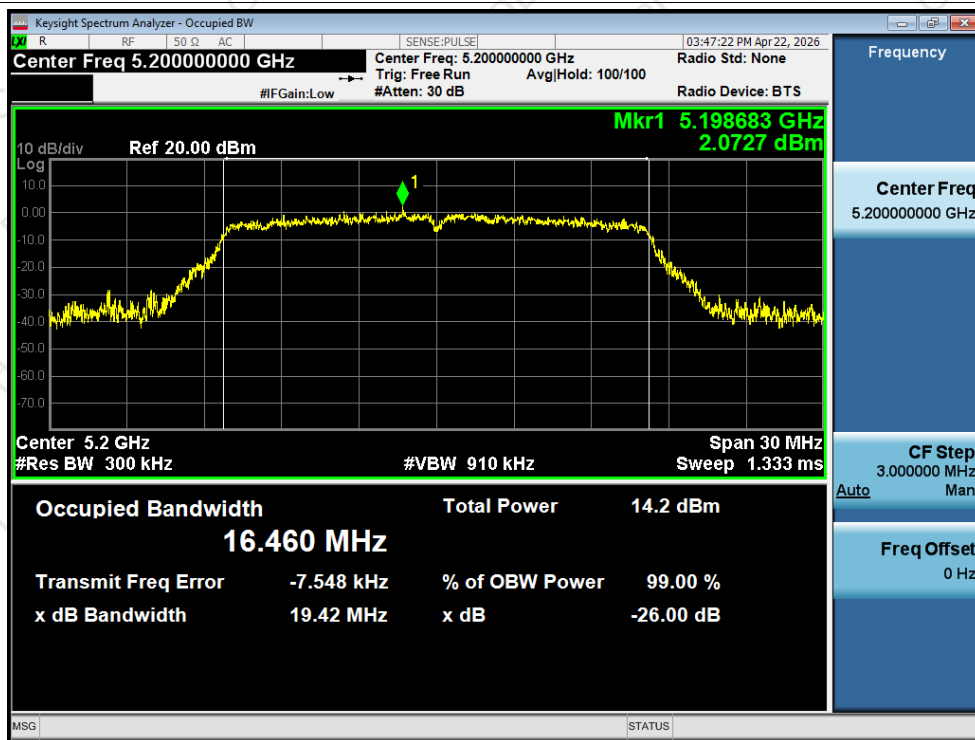
-26dB Bandwidth NVNT n40 5230MHz Ant1

**4. Occupied Channel Bandwidth**

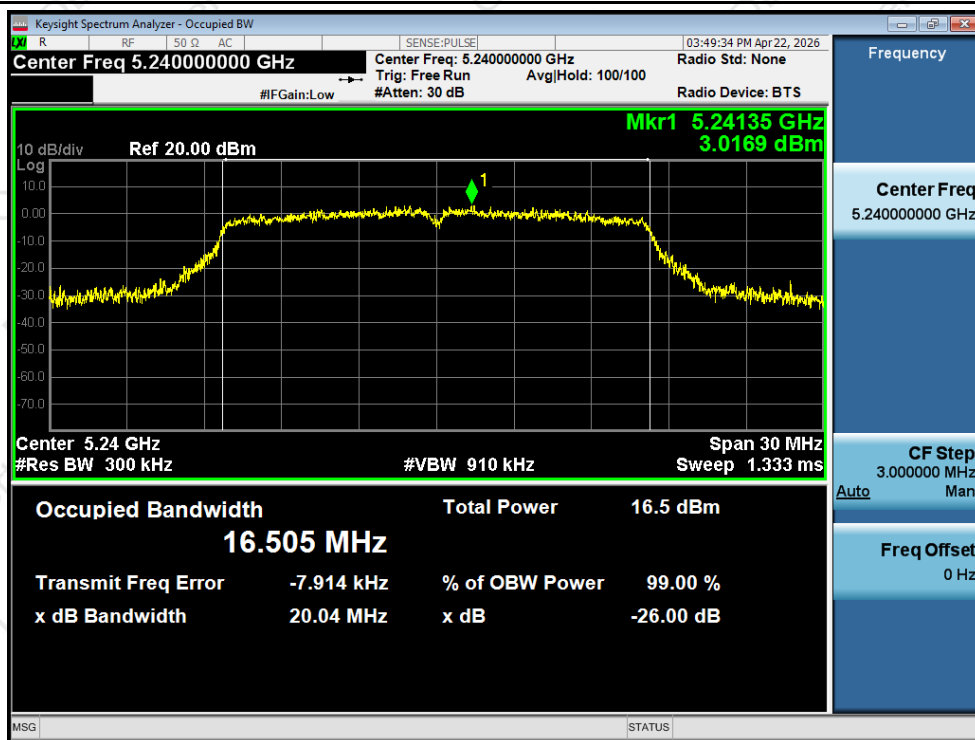
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.454
NVNT	a	5200	Ant1	16.46
NVNT	a	5240	Ant1	16.505
NVNT	n20	5180	Ant1	17.655
NVNT	n20	5200	Ant1	17.659
NVNT	n20	5240	Ant1	17.739
NVNT	n40	5190	Ant1	36.006
NVNT	n40	5230	Ant1	36.062



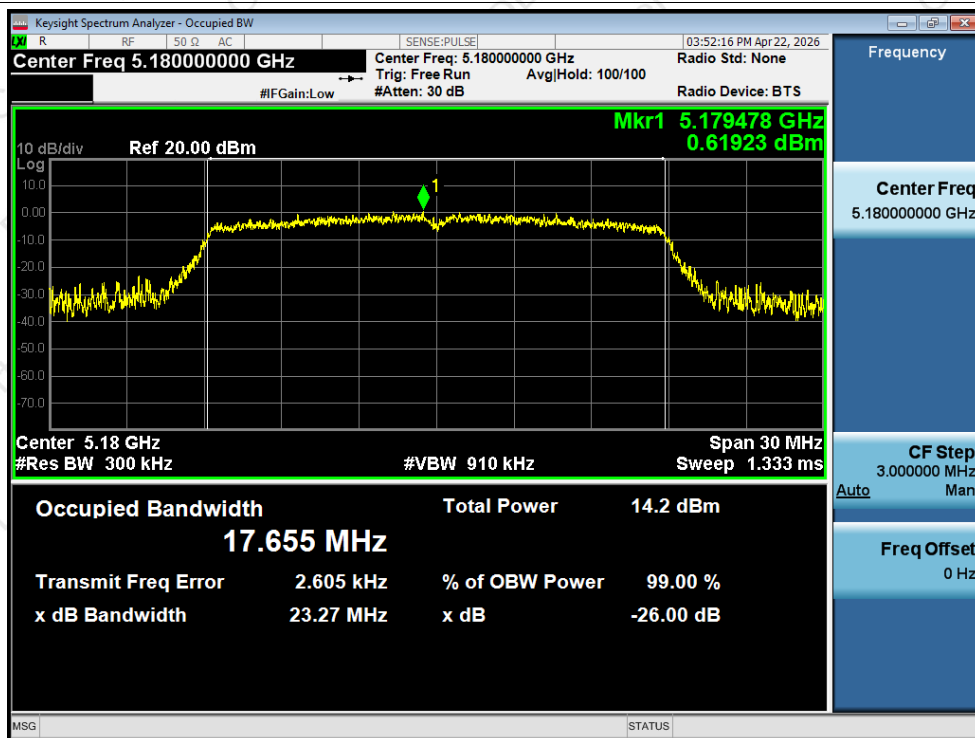
OBW NVNT a 5180MHz Ant1



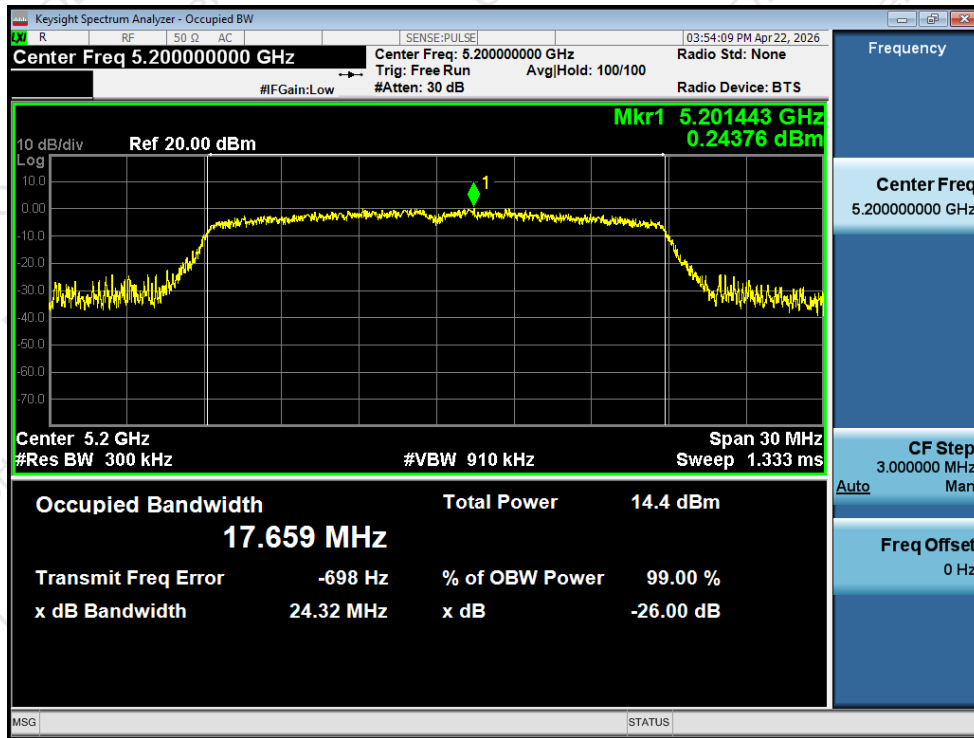
OBW NVNT a 5200MHz Ant1



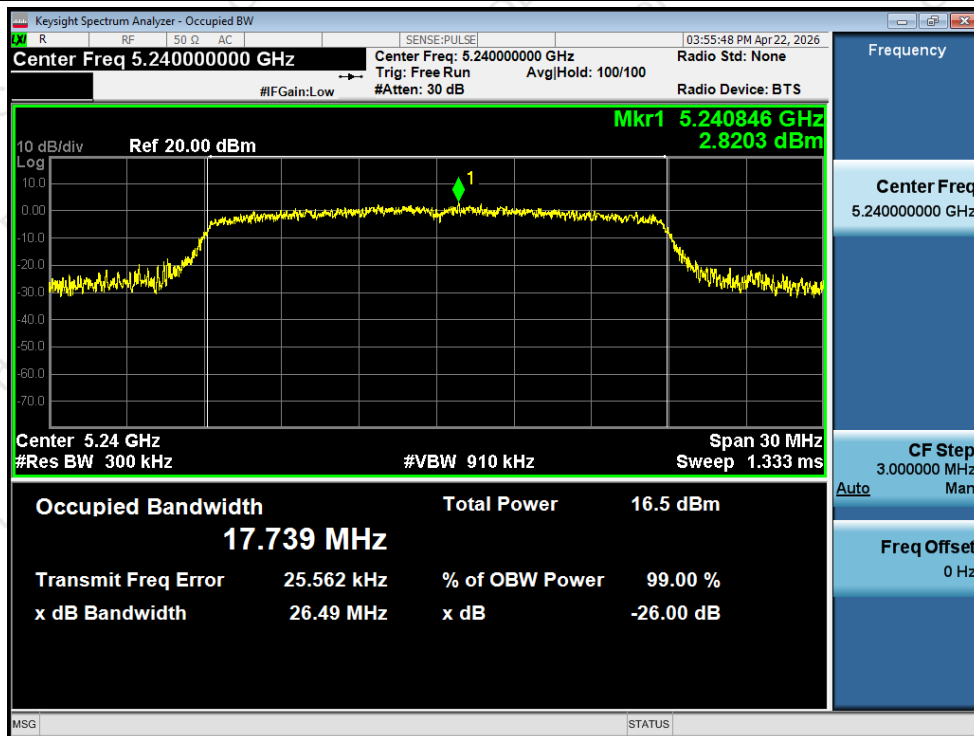
OBW NVNT a 5240MHz Ant1



OBW NVNT n20 5180MHz Ant1



OBW NVNT n20 5200MHz Ant1



OBW NVNT n20 5240MHz Ant1



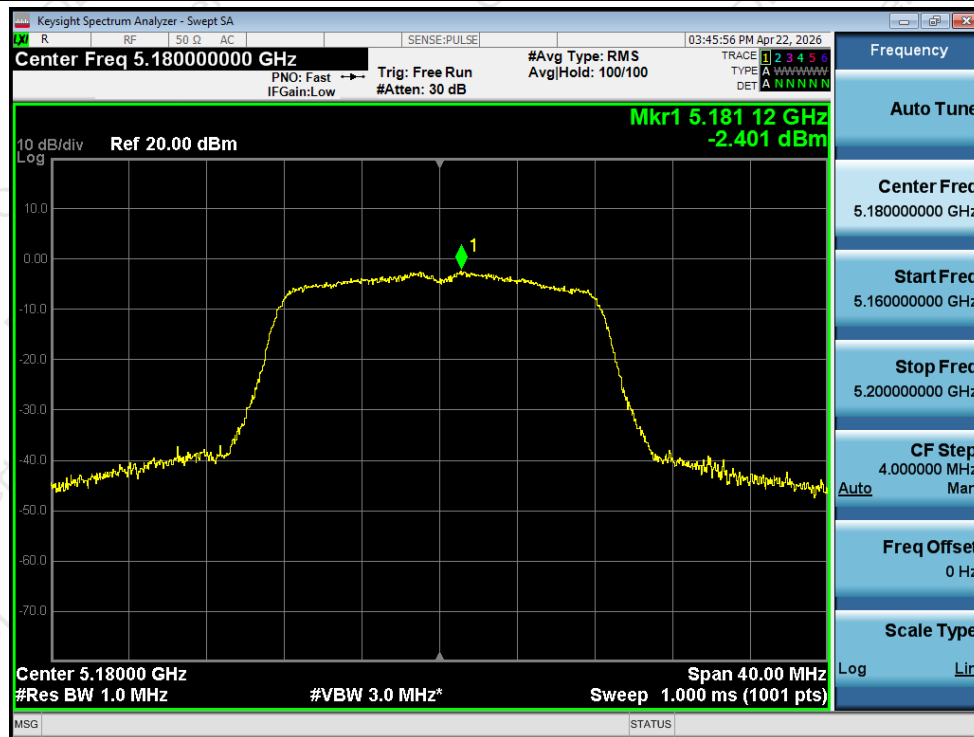
OBW NVNT n40 5190MHz Ant1



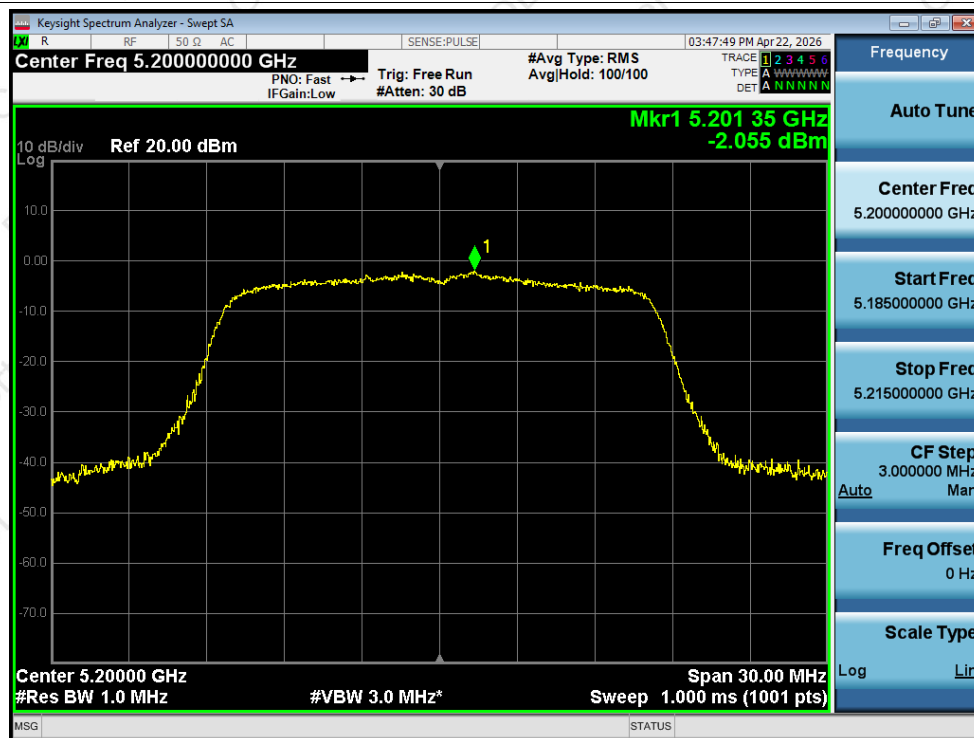
OBW NVNT n40 5230MHz Ant1

**5. Maximum Power Spectral Density Level**

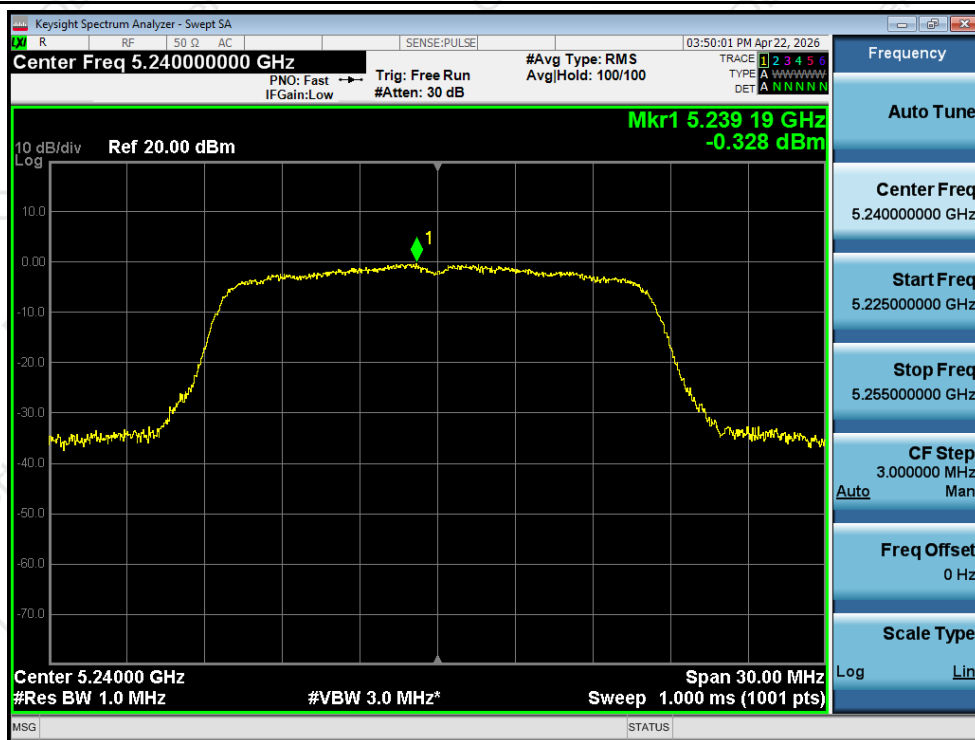
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total Conducted PSD (dBm)	Limit Conducted(dBm)	Verdict
NVNT	a	5180	Ant1	-2.4	0.01	-2.39	11	Pass
NVNT	a	5200	Ant1	-2.06	1.12	-0.94	11	Pass
NVNT	a	5240	Ant1	-0.33	0.87	0.54	11	Pass
NVNT	n20	5180	Ant1	-1.73	0.13	-1.6	11	Pass
NVNT	n20	5200	Ant1	-1.66	0.13	-1.53	11	Pass
NVNT	n20	5240	Ant1	0.38	0.13	0.51	11	Pass
NVNT	n40	5190	Ant1	-7.6	0.26	-7.34	11	Pass
NVNT	n40	5230	Ant1	-5.54	0.26	-5.28	11	Pass



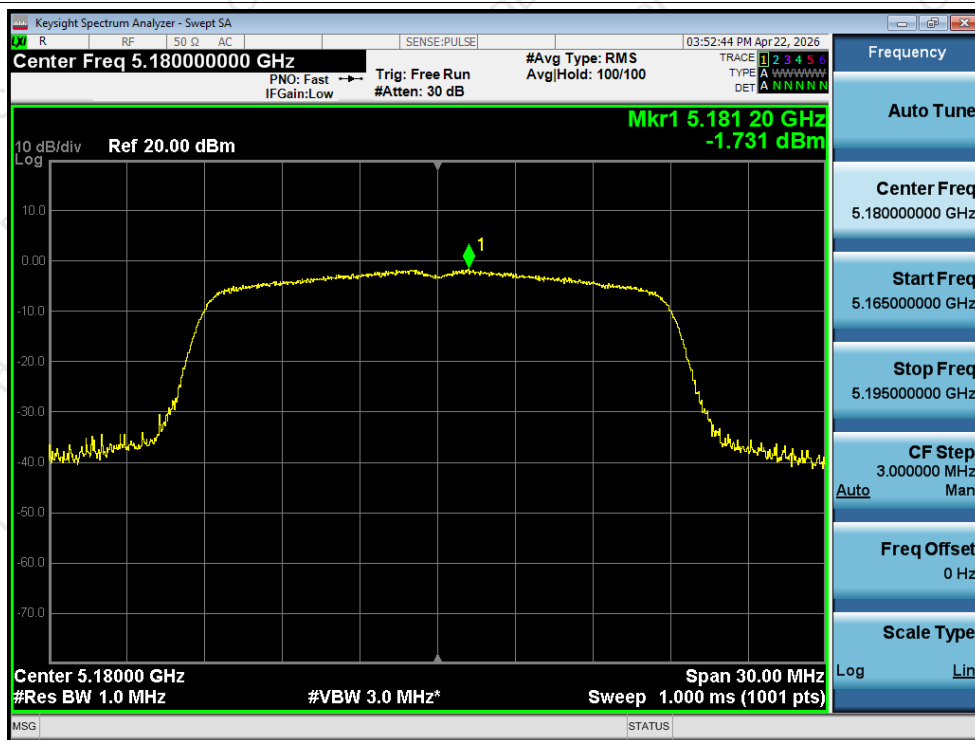
PSD NVNT a 5180MHz Ant1



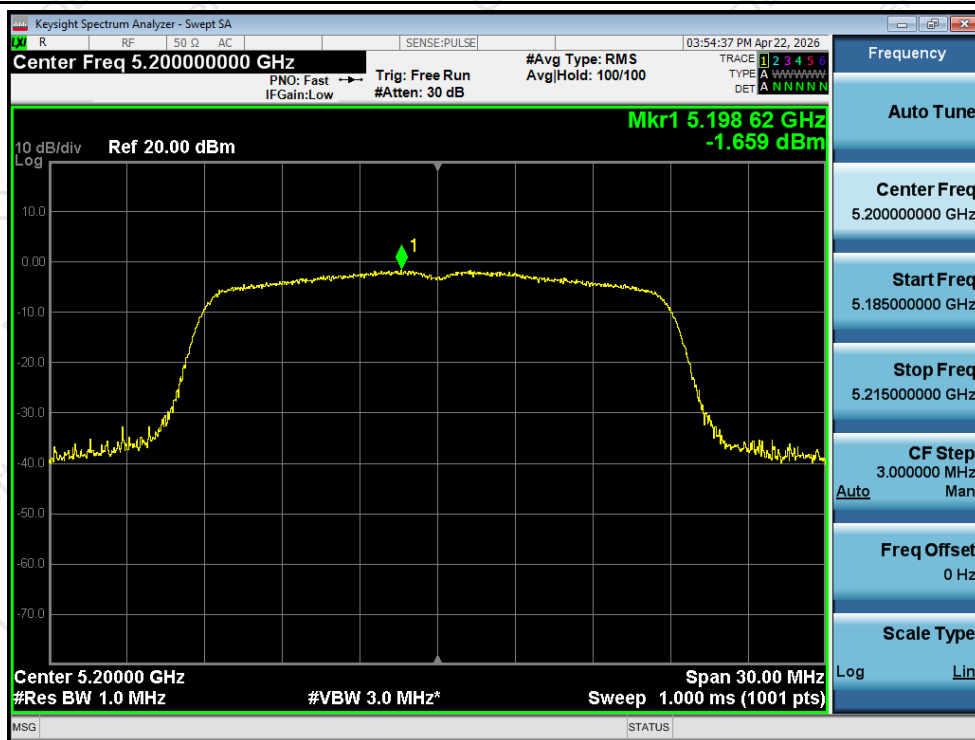
PSD NVNT a 5200MHz Ant1



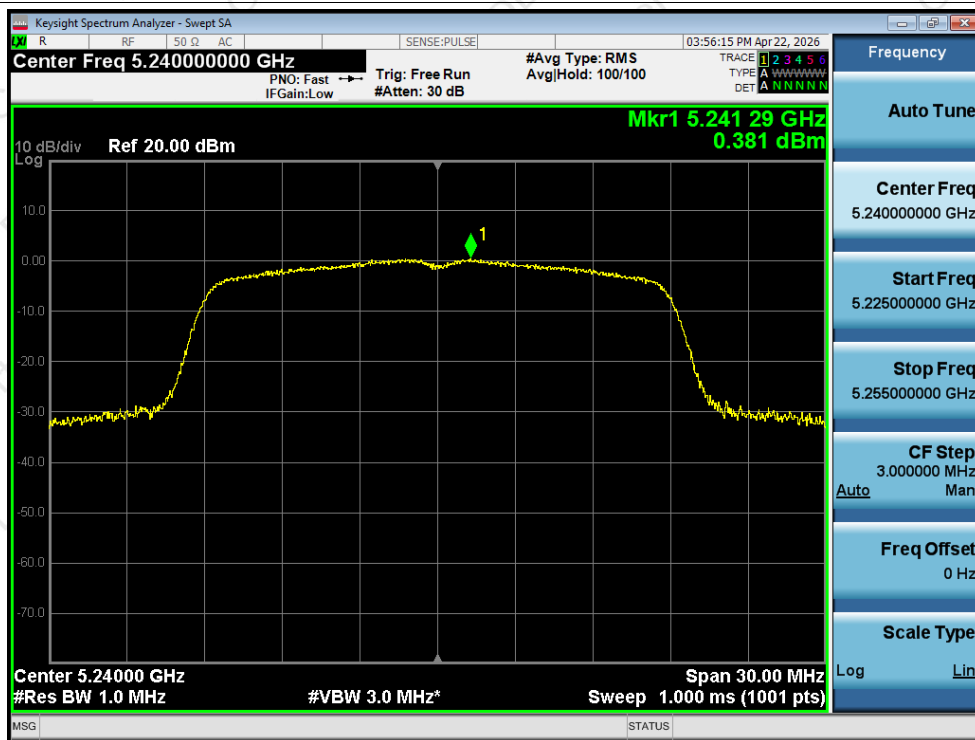
PSD NVNT a 5240MHz Ant1



PSD NVNT n20 5180MHz Ant1



PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1

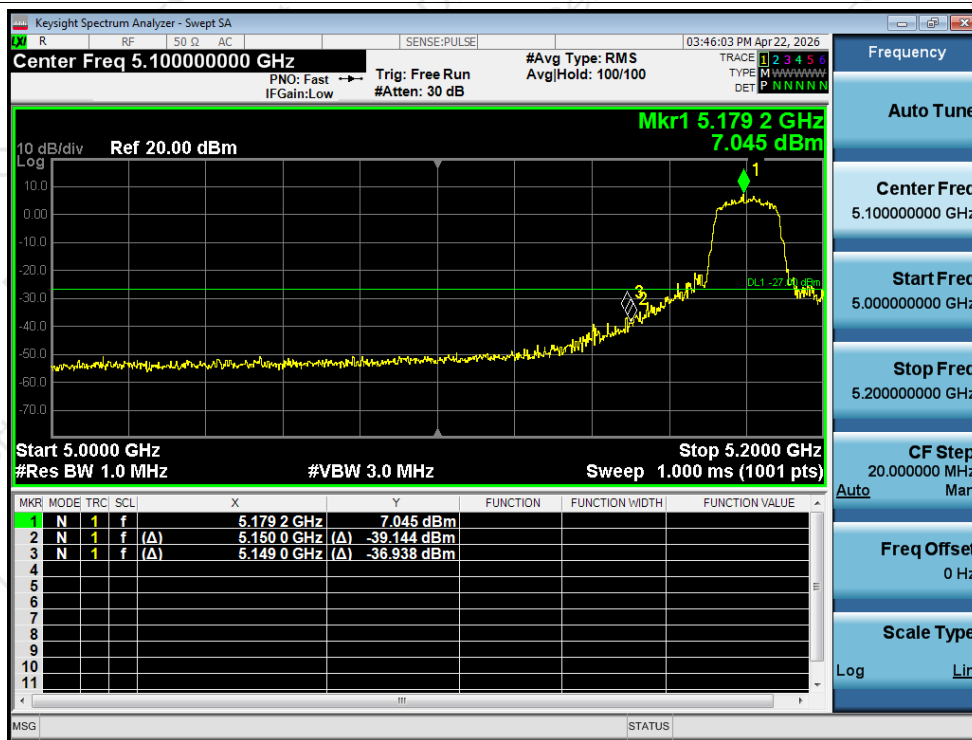


PSD NVNT n40 5230MHz Ant1

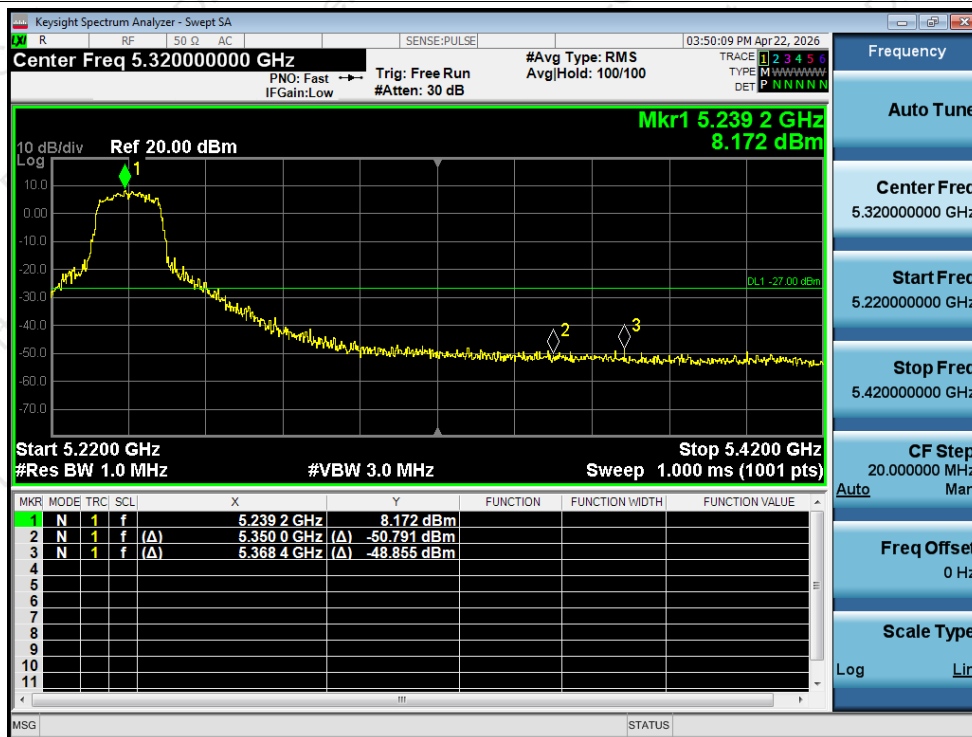
**6. Band Edge**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-36.94	-27	Pass
NVNT	a	5240	Ant1	-48.85	-27	Pass
NVNT	n20	5180	Ant1	-34.39	-27	Pass
NVNT	n20	5240	Ant1	-48.34	-27	Pass
NVNT	n40	5190	Ant1	-33.54	-27	Pass
NVNT	n40	5230	Ant1	-49.47	-27	Pass

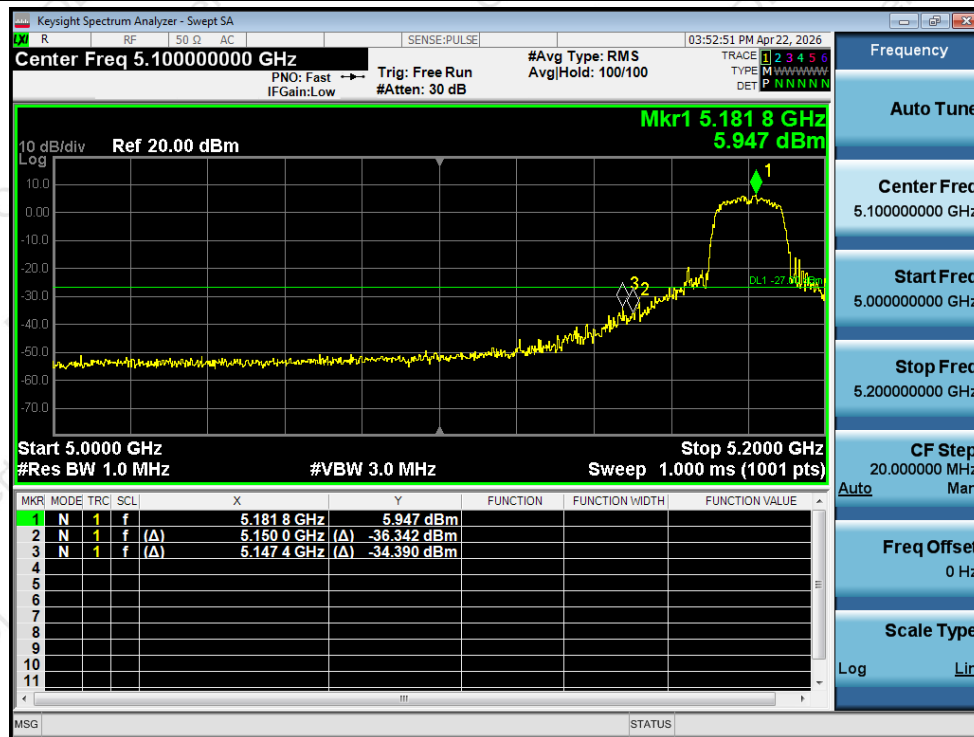
Note: The antenna gain is compensated in the test data.



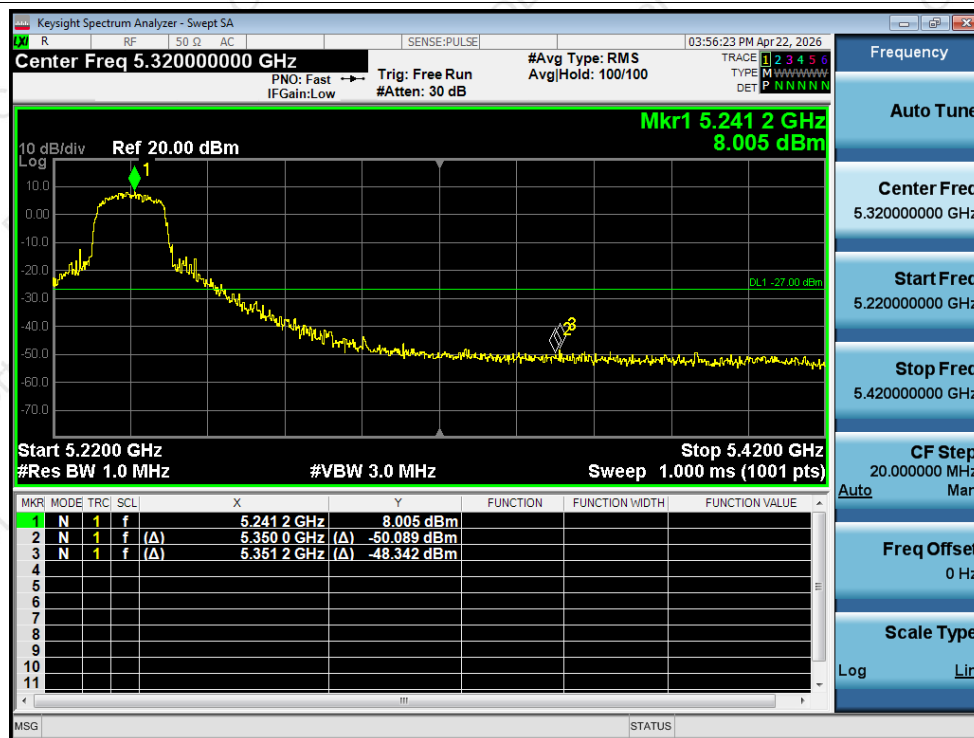
Band Edge NVNT a 5180MHz Low Ant1



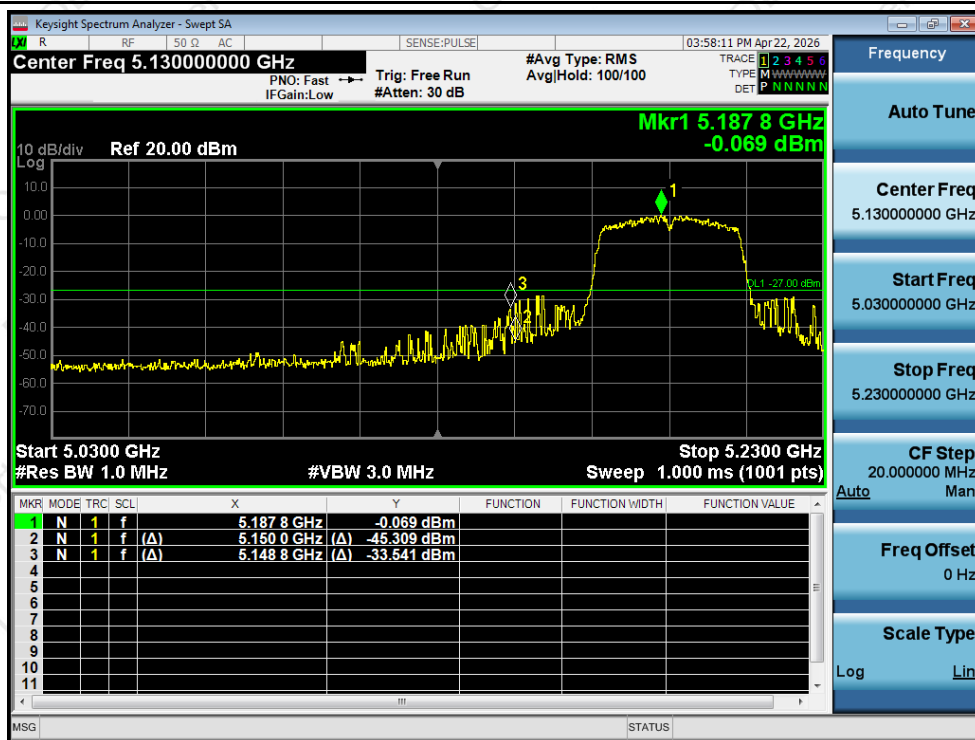
Band Edge NVNT a 5240MHz High Ant1



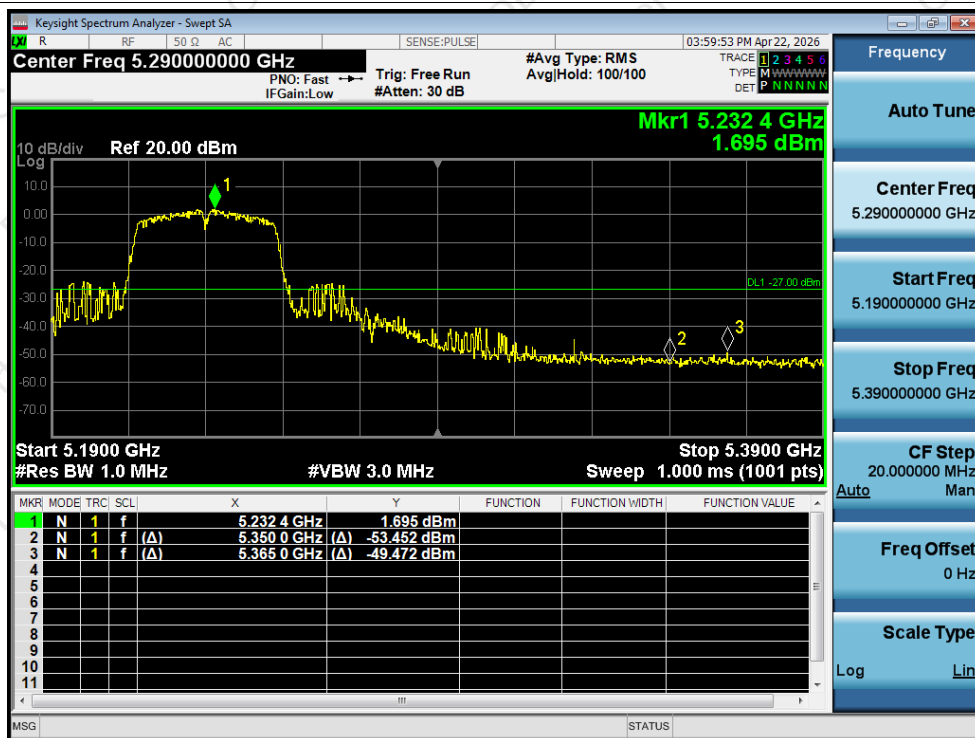
Band Edge NVNT n20 5180MHz Low Ant1



Band Edge NVNT n20 5240MHz High Ant1



Band Edge NVNT n40 5190MHz Low Ant1



Band Edge NVNT n40 5230MHz High Ant1