

ANNEX 1 TEST DATA

FCC ID: 2BWQI-PD530M-3C

Applicant: Shenzhen 3rd Eye Electronics Co., Limited

Address: Room 401, Building 3 East, Weihao Industrial Zone, Shakeng Road, Yangguang Community, Xili Street, Nanshan District, Shenzhen

Manufacturer: Shenzhen 3rd Eye Electronics Co., Limited

Address: Room 401, Building 3 East, Weihao Industrial Zone, Shakeng Road, Yangguang Community, Xili Street, Nanshan District, Shenzhen

Product Name: pipe inspection camera

Trade Mark: **3RDEYE**

Model Number: PD530M-3C, PD530M-14, PD530M-23, PD530M-32, PD530M-35, PD530M-2C, PD530M-360, PD200-32, PD200-360, PD200-35, PD200-23, PD200-2C, PD200-3C

Date of Receipt: May 09, 2026

Test Date: May 09, 2026 - Jun. 02, 2026

Date of Report: Jun. 02, 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

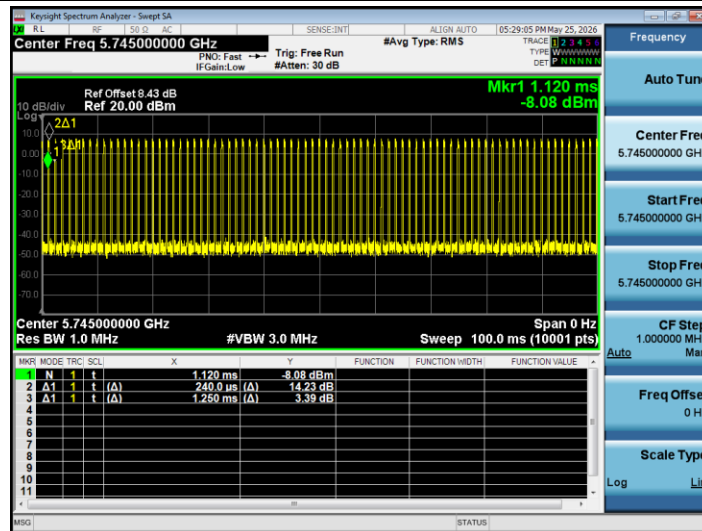
Report Number: DLE-260509028R

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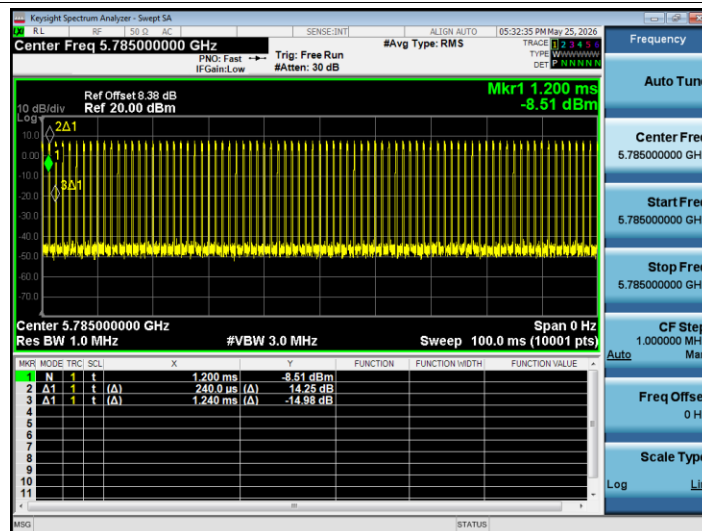
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	19.2	7.17	4.17
NVNT	a	5785	Ant1	19.35	7.13	4.17
NVNT	a	5825	Ant1	20	6.99	4
NVNT	n20	5745	Ant1	18.03	7.44	4.55
NVNT	n20	5785	Ant1	18.03	7.44	4.55
NVNT	n20	5825	Ant1	18.03	7.44	4.55
NVNT	n40	5755	Ant1	11.5	9.39	7.69
NVNT	n40	5795	Ant1	11.5	9.39	7.69

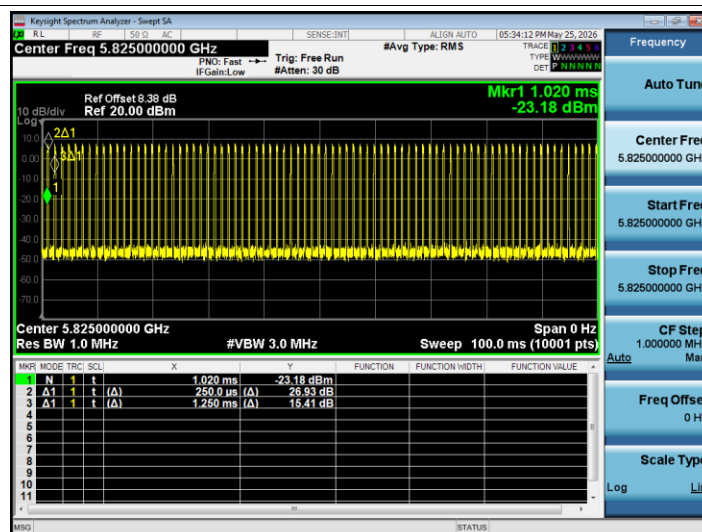
Report



Duty Cycle NVNT a 5745MHz Ant1

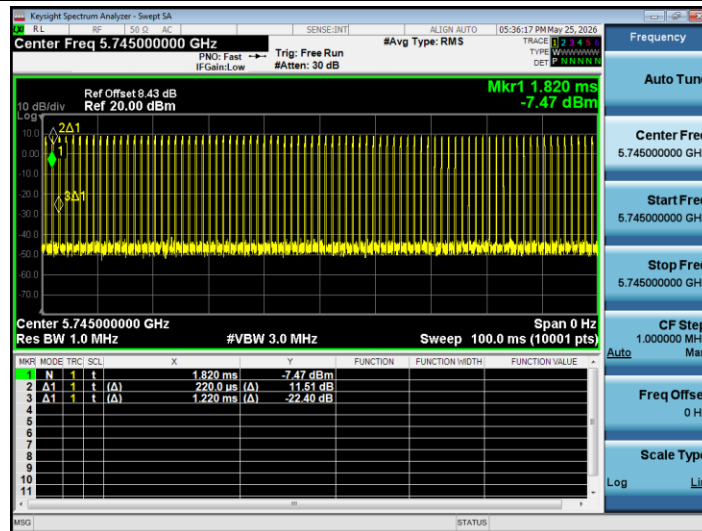


Duty Cycle NVNT a 5785MHz Ant1

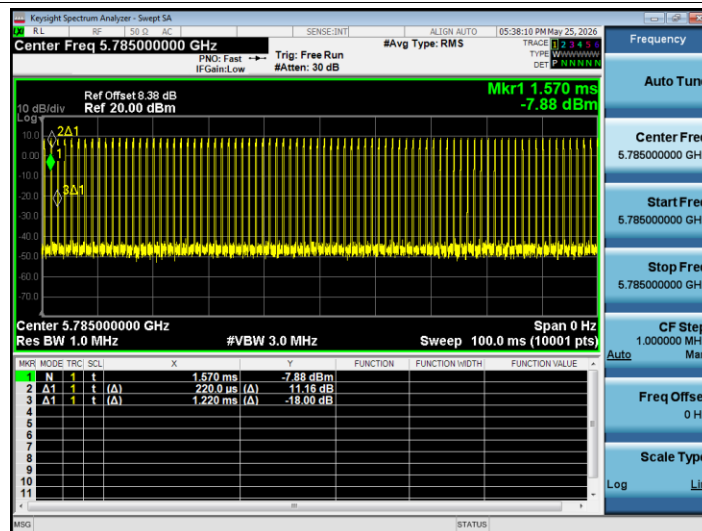


Duty Cycle NVNT a 5825MHz Ant1

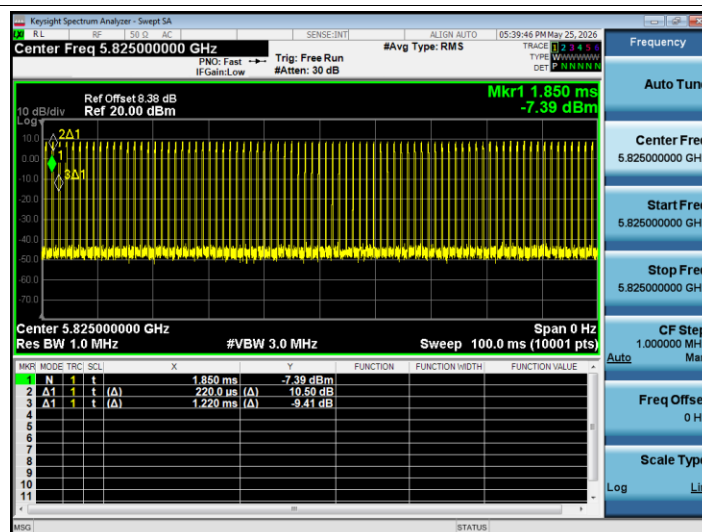
Report



Duty Cycle NVNT n20 5745MHz Ant1

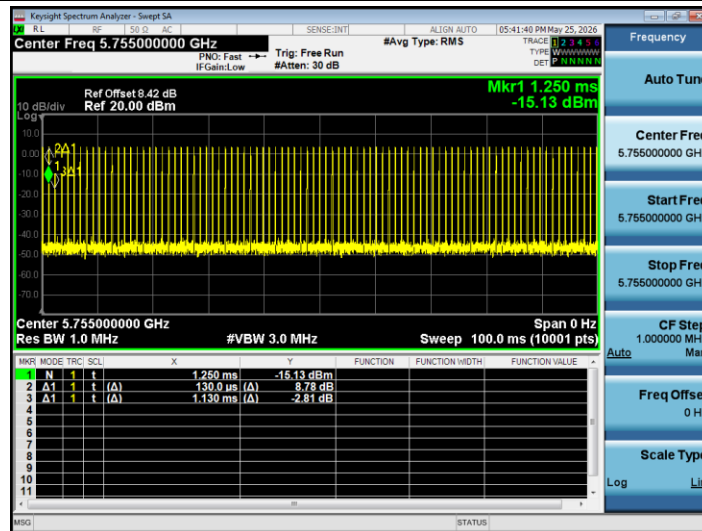


Duty Cycle NVNT n20 5785MHz Ant1

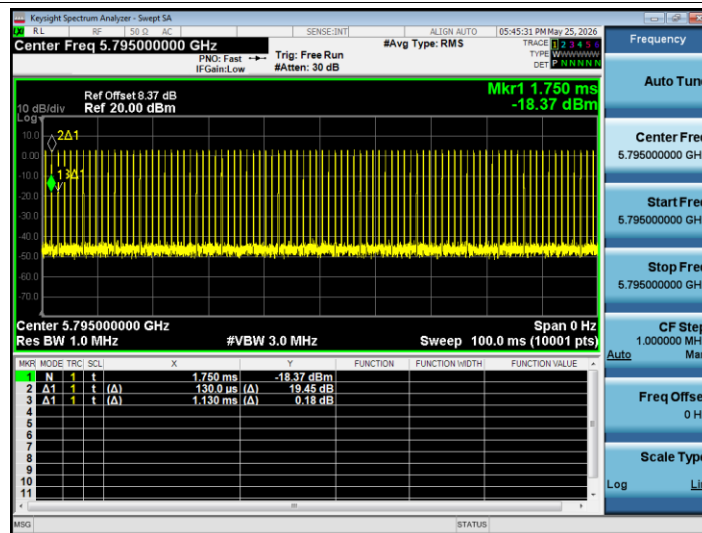


Duty Cycle NVNT n20 5825MHz Ant1

Report



Duty Cycle NVNT n40 5755MHz Ant1



Duty Cycle NVNT n40 5795MHz Ant1

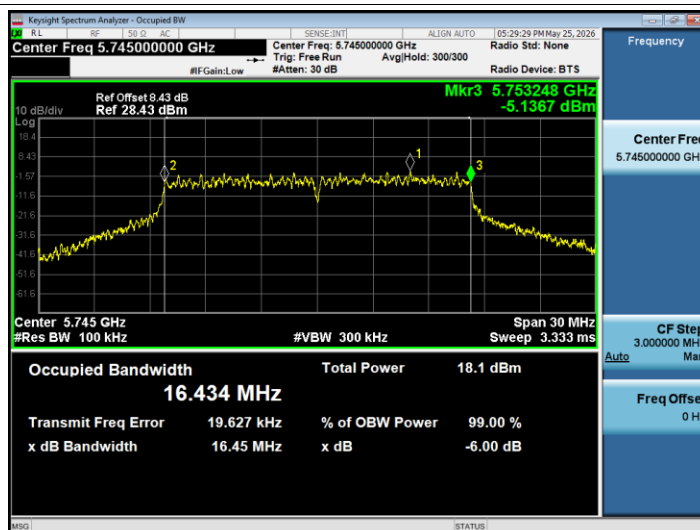
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	4.62	7.17	11.79	30	Pass
NVNT	a	5785	Ant1	4.56	7.13	11.69	30	Pass
NVNT	a	5825	Ant1	6.01	6.99	13	30	Pass
NVNT	n20	5745	Ant1	6.04	7.44	13.48	30	Pass
NVNT	n20	5785	Ant1	5.32	7.44	12.76	30	Pass
NVNT	n20	5825	Ant1	5.24	7.44	12.68	30	Pass
NVNT	n40	5755	Ant1	5.56	9.39	14.95	30	Pass
NVNT	n40	5795	Ant1	5.66	9.39	15.05	30	Pass

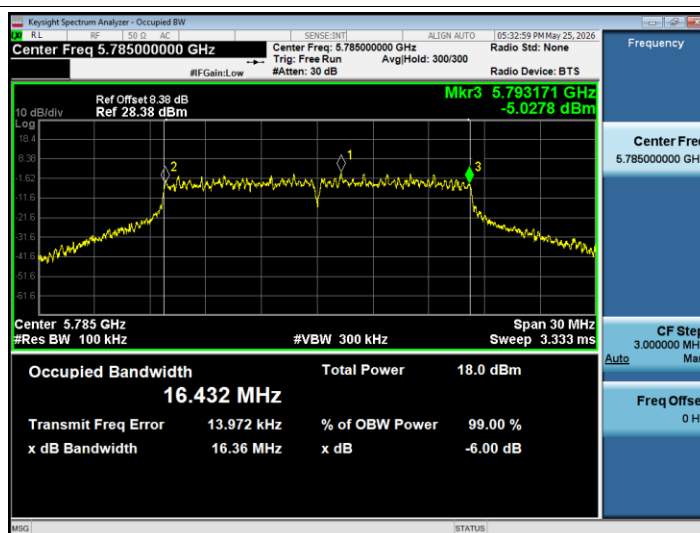
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.45	0.5	Pass
NVNT	a	5785	Ant1	16.36	0.5	Pass
NVNT	a	5825	Ant1	16.42	0.5	Pass
NVNT	n20	5745	Ant1	17.39	0.5	Pass
NVNT	n20	5785	Ant1	17.33	0.5	Pass
NVNT	n20	5825	Ant1	17.39	0.5	Pass
NVNT	n40	5755	Ant1	35.12	0.5	Pass
NVNT	n40	5795	Ant1	35.89	0.5	Pass

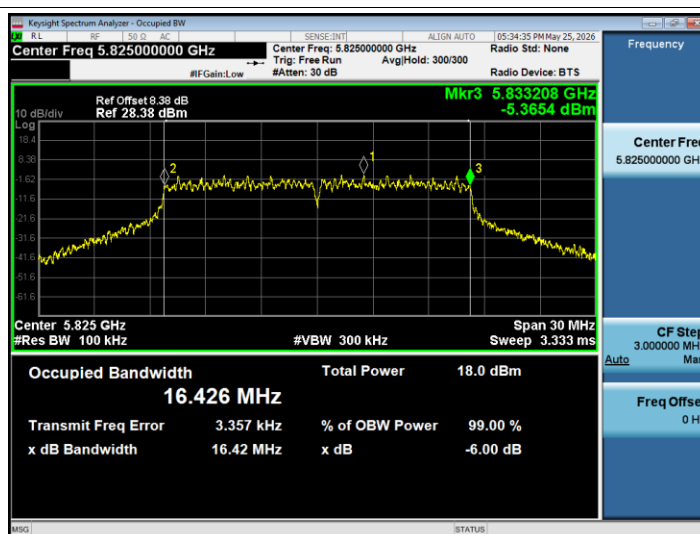
Report



-6dB Bandwidth NVNT a 5745MHz Ant1

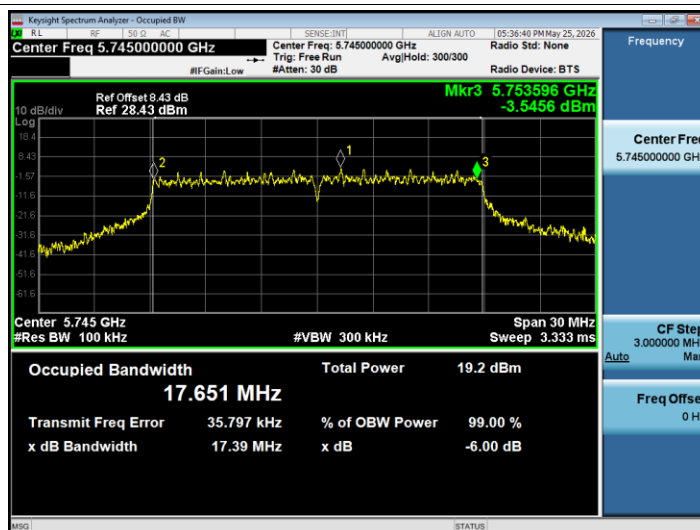


-6dB Bandwidth NVNT a 5785MHz Ant1

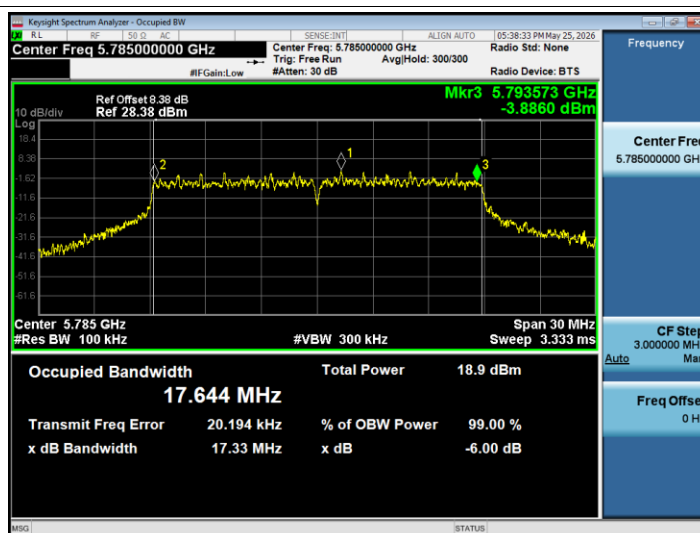


-6dB Bandwidth NVNT a 5825MHz Ant1

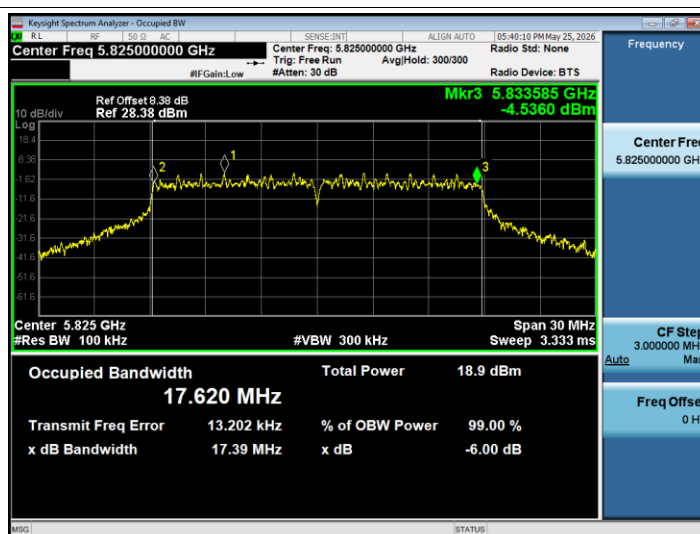
Report



-6dB Bandwidth NVNT n20 5745MHz Ant1

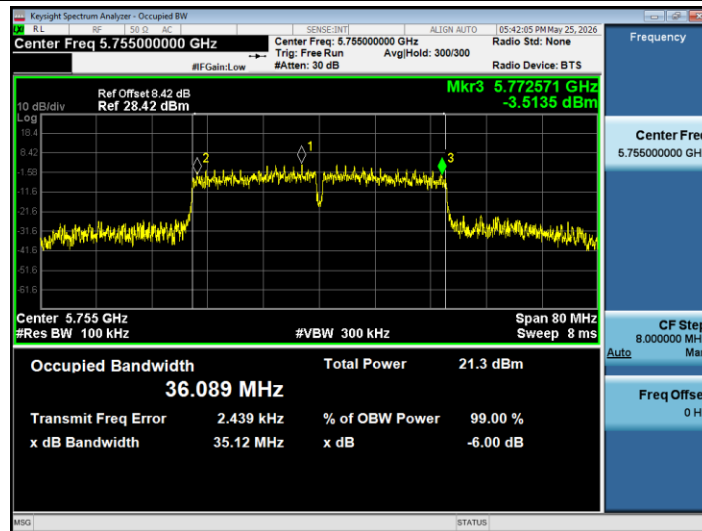


-6dB Bandwidth NVNT n20 5785MHz Ant1

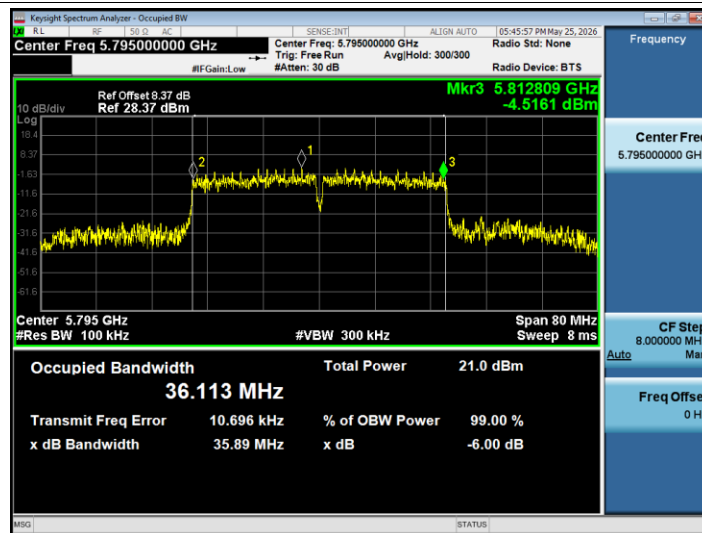


-6dB Bandwidth NVNT n20 5825MHz Ant1

Report



-6dB Bandwidth NVNT n40 5755MHz Ant1

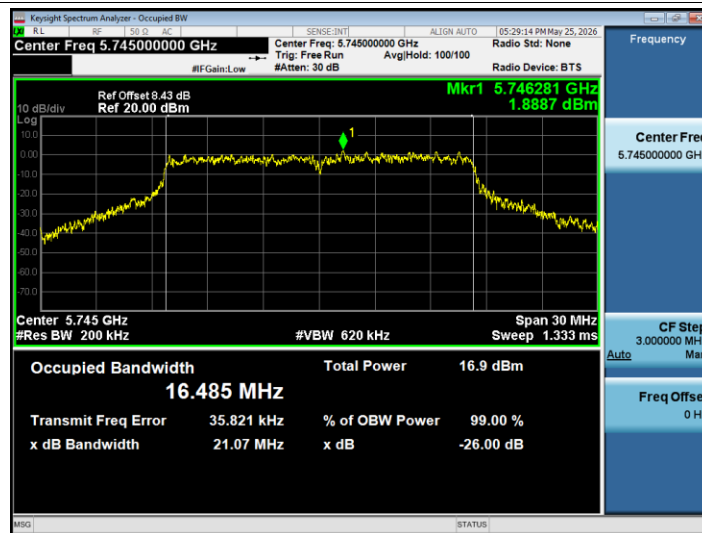


-6dB Bandwidth NVNT n40 5795MHz Ant1

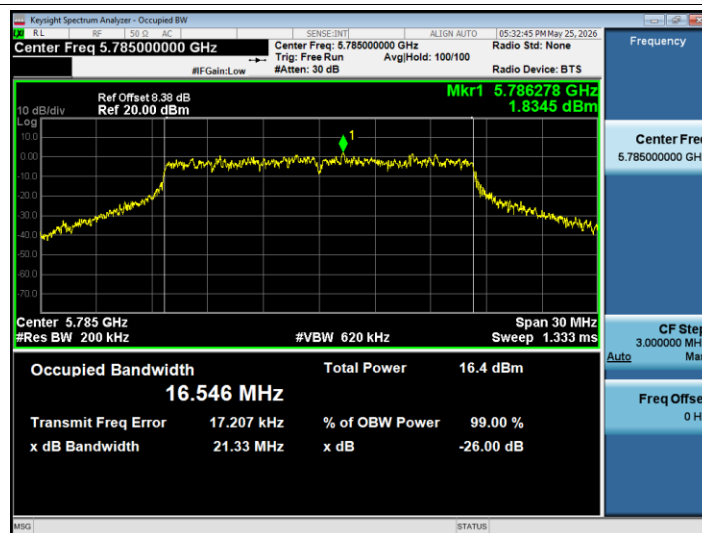
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.485
NVNT	a	5785	Ant1	16.546
NVNT	a	5825	Ant1	16.528
NVNT	n20	5745	Ant1	17.76
NVNT	n20	5785	Ant1	17.714
NVNT	n20	5825	Ant1	17.698
NVNT	n40	5755	Ant1	36.032
NVNT	n40	5795	Ant1	36.095

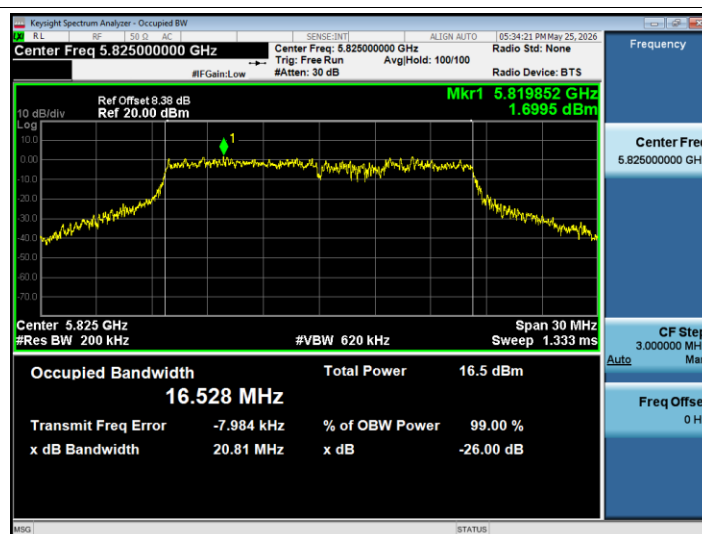
Report



OBW NVNT a 5745MHz Ant1

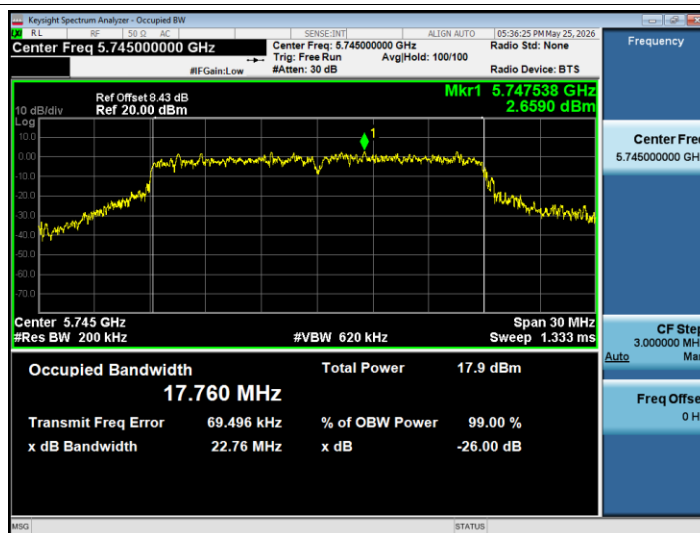


OBW NVNT a 5785MHz Ant1

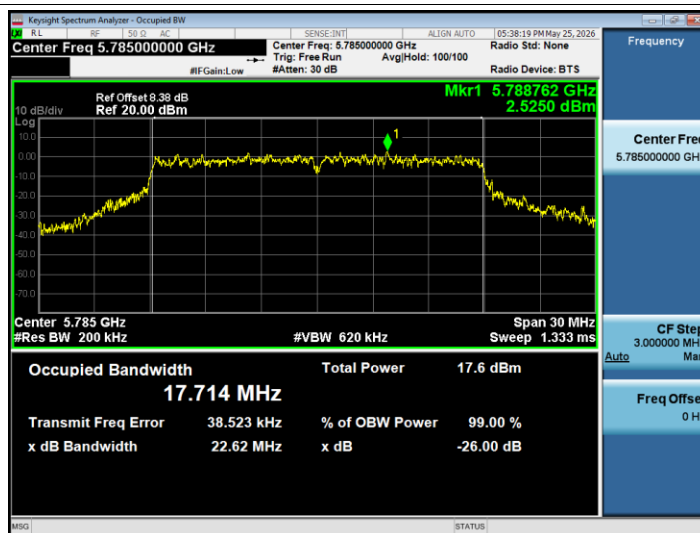


OBW NVNT a 5825MHz Ant1

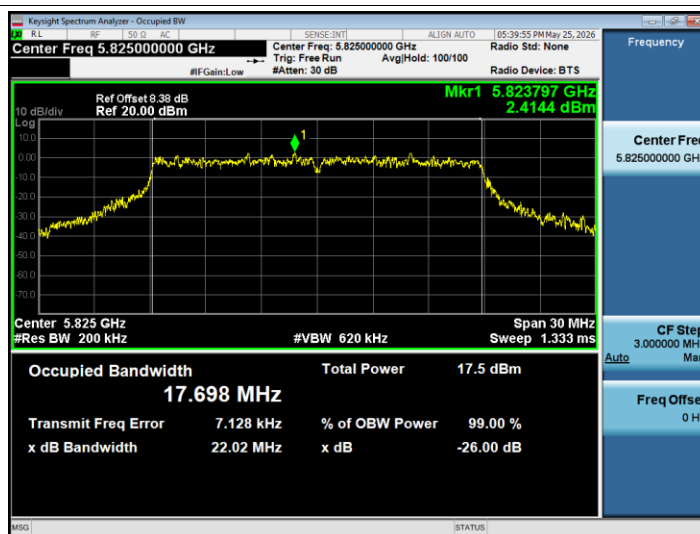
Report



OBW NVNT n20 5745MHz Ant1



OBW NVNT n20 5785MHz Ant1

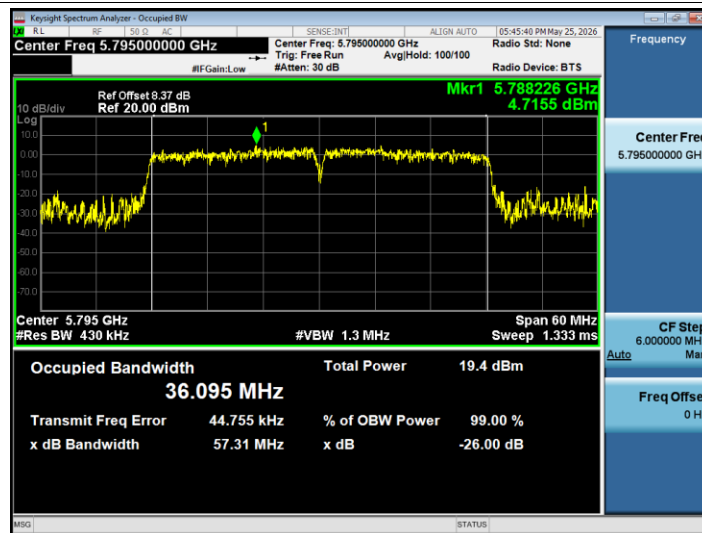


OBW NVNT n20 5825MHz Ant1

Report



OBW NVNT n40 5755MHz Ant1

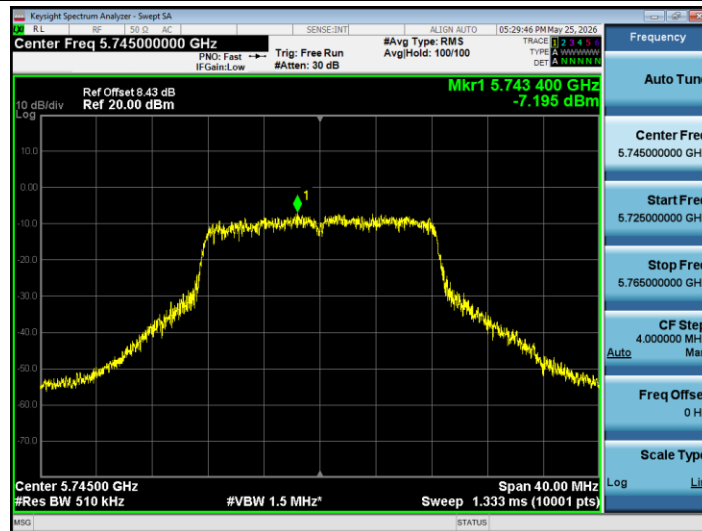


OBW NVNT n40 5795MHz Ant1

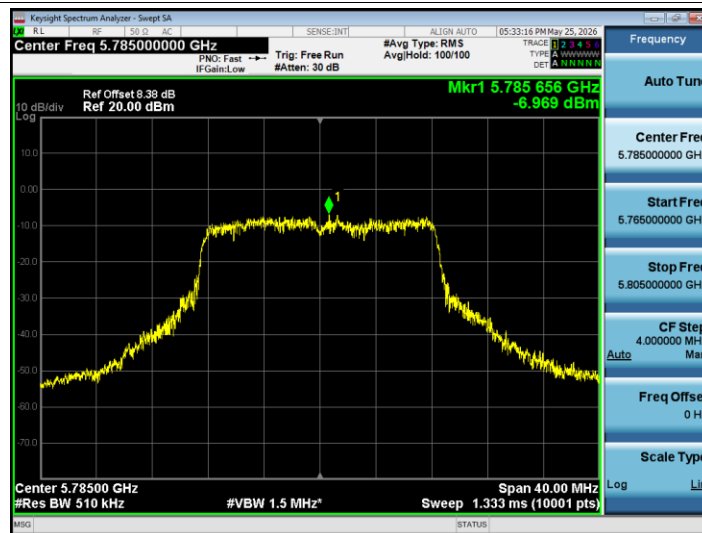
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total Conducted PSD (dBm)	Limit Conducted(dBm)	Verdict
NVNT	a	5745	Ant1	-7.2	7.17	-0.03	30	Pass
NVNT	a	5785	Ant1	-6.97	7.13	0.16	30	Pass
NVNT	a	5825	Ant1	-6.45	6.99	0.54	30	Pass
NVNT	n20	5745	Ant1	-5.03	7.44	2.41	30	Pass
NVNT	n20	5785	Ant1	-6.24	7.44	1.2	30	Pass
NVNT	n20	5825	Ant1	-5.86	7.44	1.58	30	Pass
NVNT	n40	5755	Ant1	-7.01	9.39	2.38	30	Pass
NVNT	n40	5795	Ant1	-8.61	9.39	0.78	30	Pass

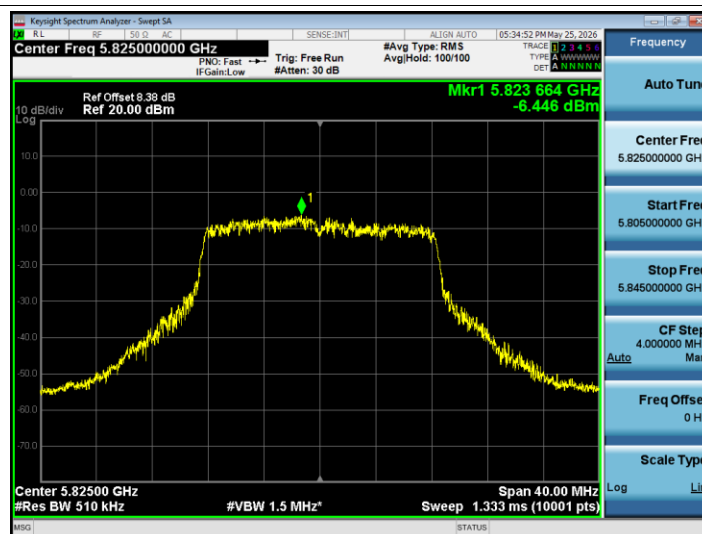
Report



PSD NVNT a 5745MHz Ant1

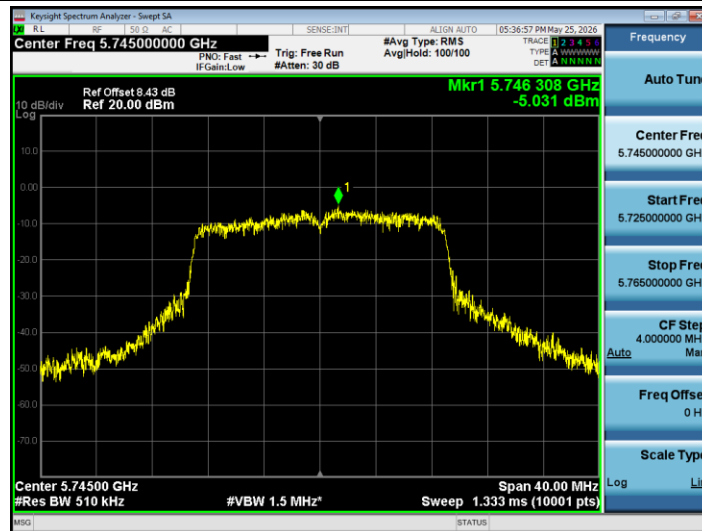


PSD NVNT a 5785MHz Ant1

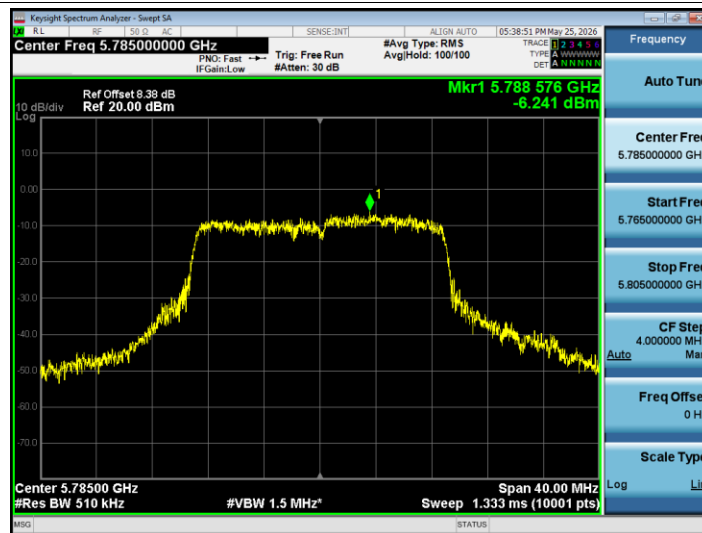


PSD NVNT a 5825MHz Ant1

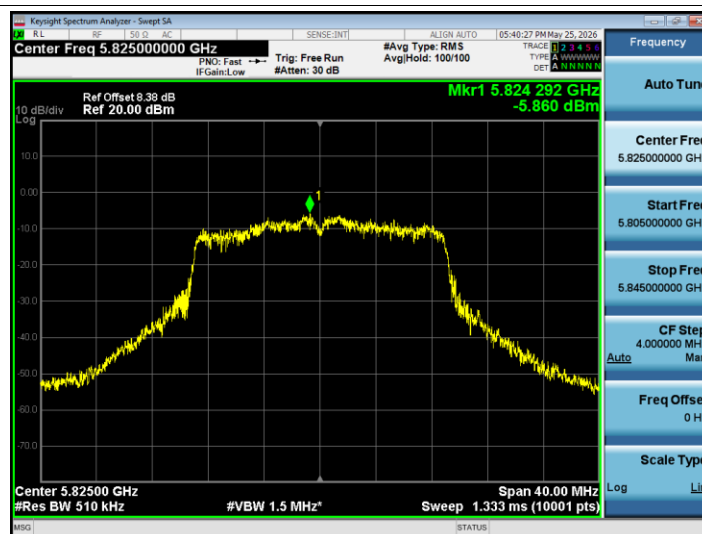
Report



PSD NVNT n20 5745MHz Ant1



PSD NVNT n20 5785MHz Ant1

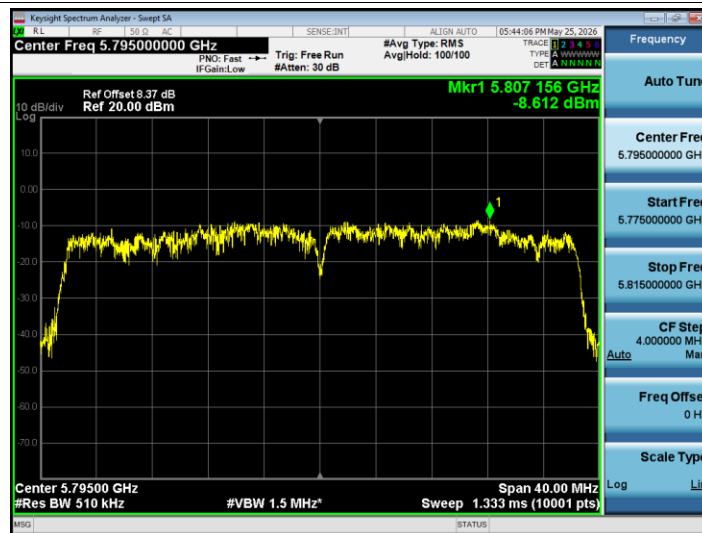


PSD NVNT n20 5825MHz Ant1

Report



PSD NVNT n40 5755MHz Ant1

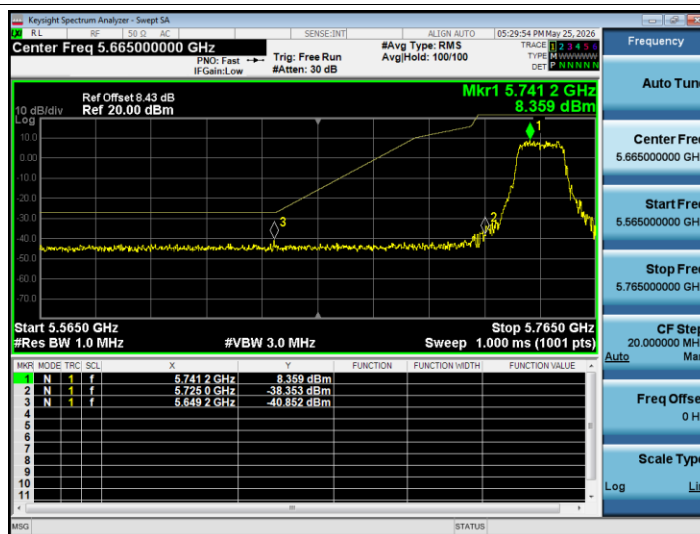


PSD NVNT n40 5795MHz Ant1

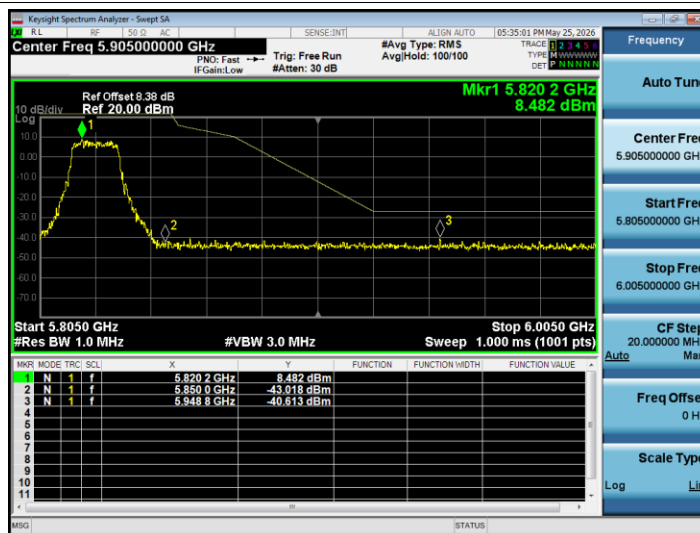
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-40.85	-27	Pass
NVNT	a	5825	Ant1	-40.61	-27	Pass
NVNT	n20	5745	Ant1	-42.41	-27	Pass
NVNT	n20	5825	Ant1	-41.47	-27	Pass
NVNT	n40	5755	Ant1	-42.66	-27	Pass
NVNT	n40	5795	Ant1	-42.44	-27	Pass

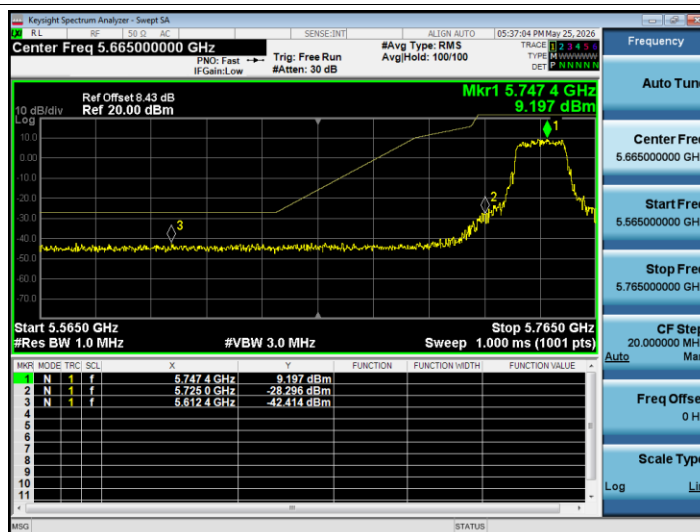
The antenna gain is compensated in the test data.



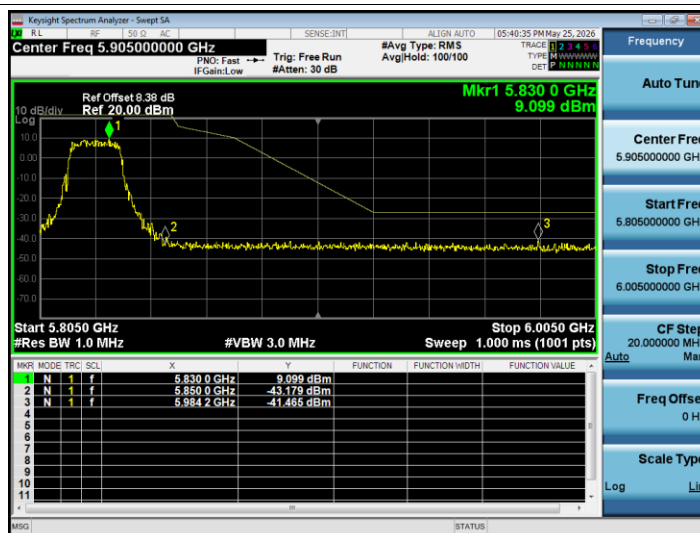
Band Edge NVNT a 5745MHz Low Ant1



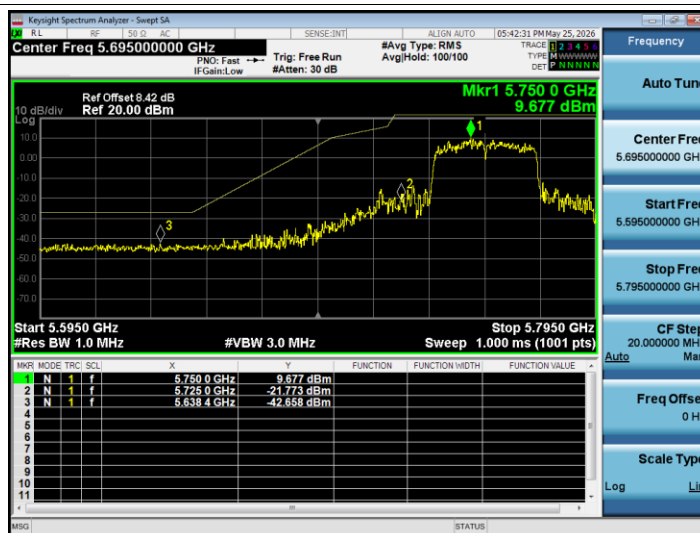
Band Edge NVNT a 5825MHz High Ant1



Band Edge NVNT n20 5745MHz Low Ant1



Band Edge NVNT n20 5825MHz High Ant1



Band Edge NVNT n40 5755MHz Low Ant1



Band Edge NVNT n40 5795MHz High Ant1