



Appendix 1

FCC Test Report

FCC ID: 2BR3I-U1PRO

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: U1 PRO, U1, U1-GTV, U1 MAX, U1 U1tra, U1S, U1S-GTV, U1S PRO, U1S MAX

Date of Receipt: Mar. 04, 2026

Test Date: Mar. 04, 2026 - Mar. 16, 2026

Date of Report: Mar. 16, 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

Test Result: Pass



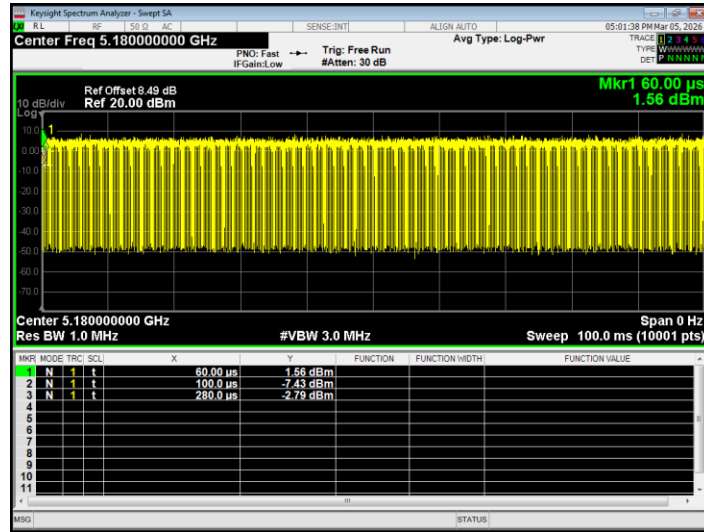
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	81.82	0.87
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	97.04	0.13
NVNT	ac20	5240	Ant1	97.06	0.13
NVNT	ac40	5190	Ant1	94.2	0.26
NVNT	ac40	5230	Ant1	92.86	0.32
NVNT	n20	5180	Ant1	97.04	0.13
NVNT	n20	5220	Ant1	97.01	0.13
NVNT	n20	5240	Ant1	97.04	0.13
NVNT	n40	5190	Ant1	94.2	0.26
NVNT	n40	5230	Ant1	94.2	0.26

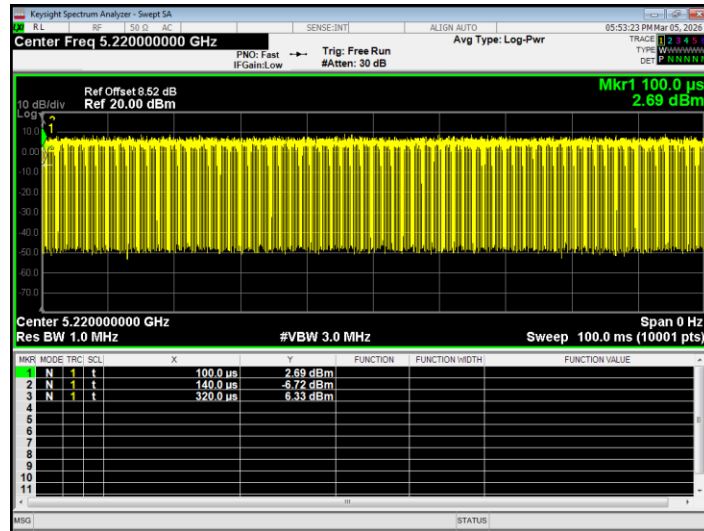


Shenzhen DL Testing Technology Co., Ltd.

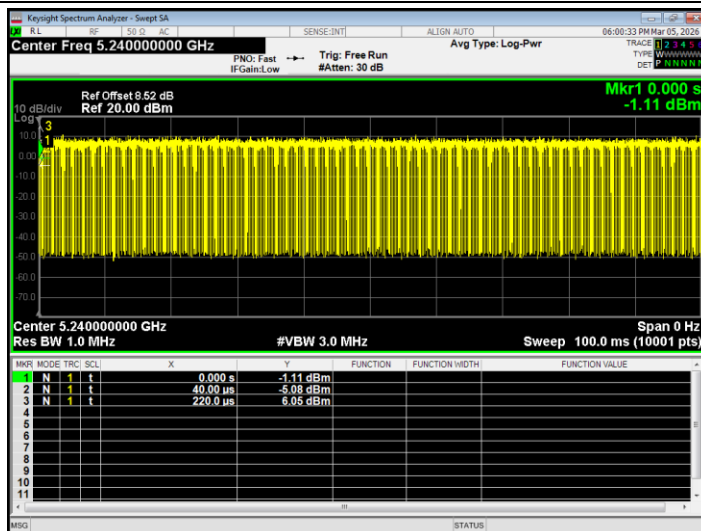
Duty Cycle NVNT a 5180MHz Ant1



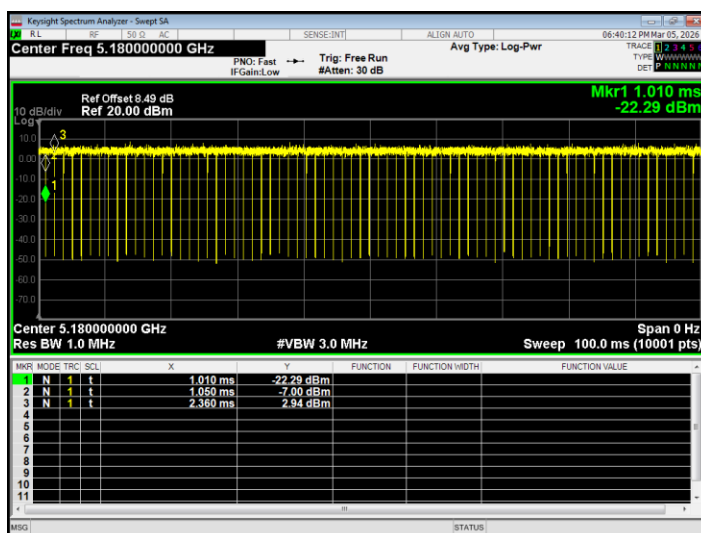
Duty Cycle NVNT a 5220MHz Ant1



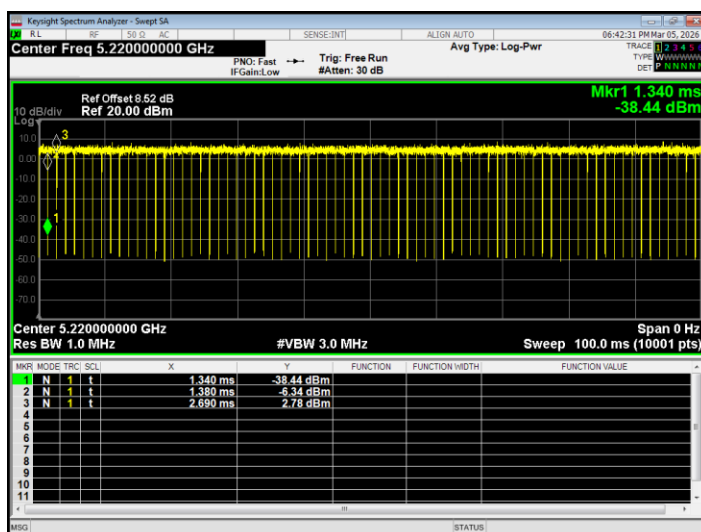
Duty Cycle NVNT a 5240MHz Ant1



Duty Cycle NVNT ac20 5180MHz Ant1



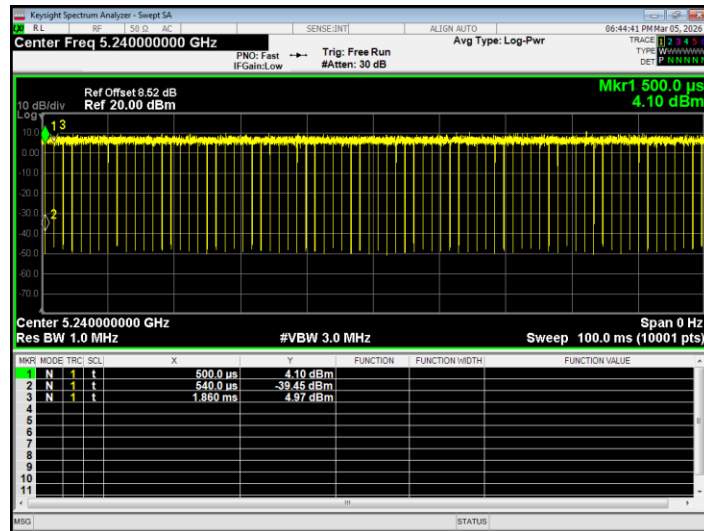
Duty Cycle NVNT ac20 5220MHz Ant1



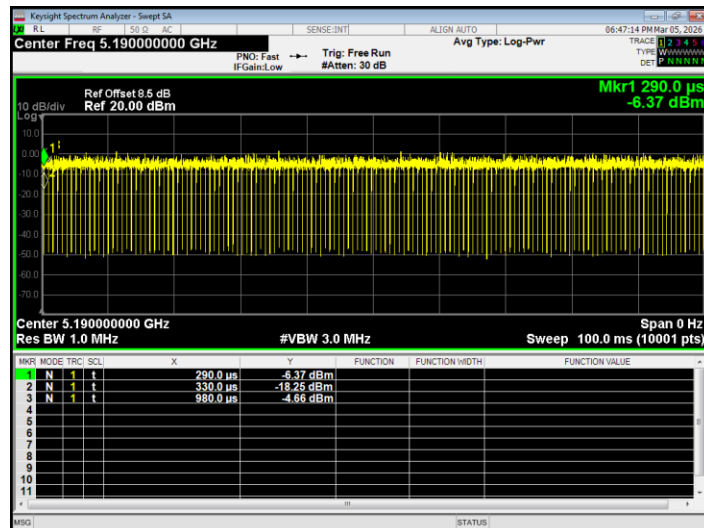


Shenzhen DL Testing Technology Co., Ltd.

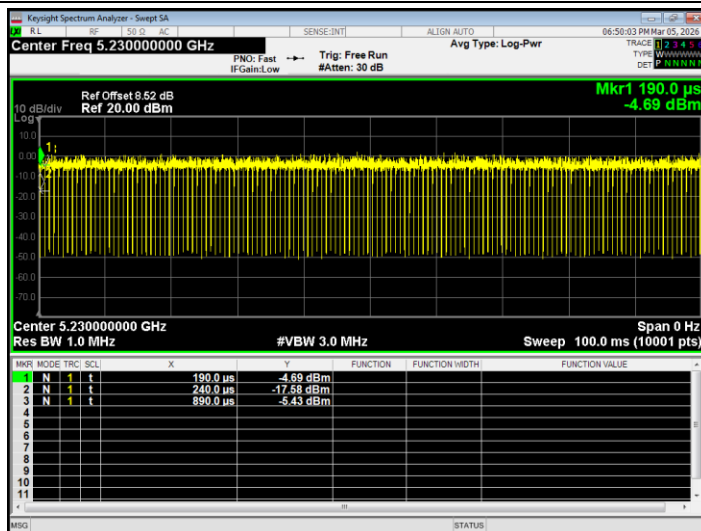
Duty Cycle NVNT ac20 5240MHz Ant1



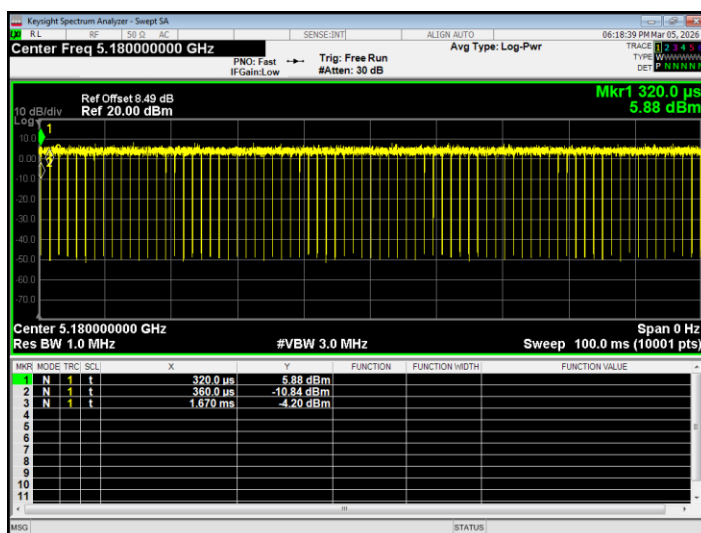
Duty Cycle NVNT ac40 5190MHz Ant1



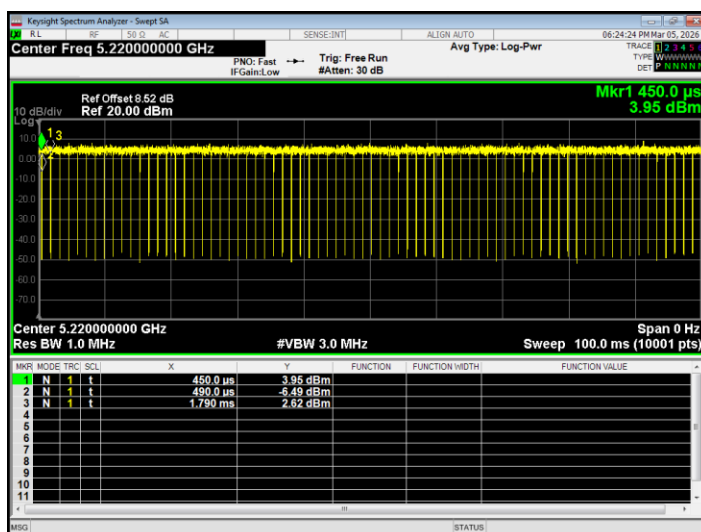
Duty Cycle NVNT ac40 5230MHz Ant1



Duty Cycle NVNT n20 5180MHz Ant1



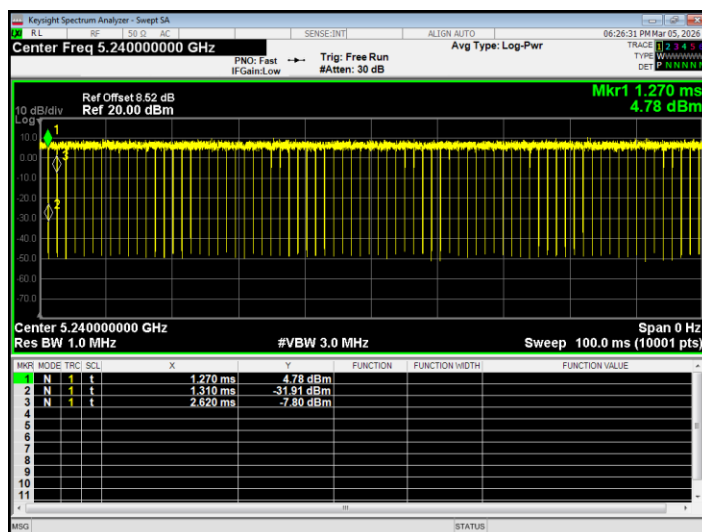
Duty Cycle NVNT n20 5220MHz Ant1



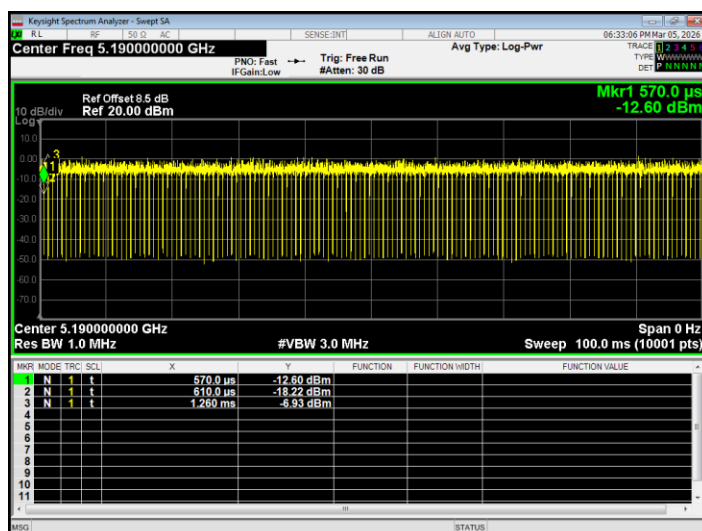


Shenzhen DL Testing Technology Co., Ltd.

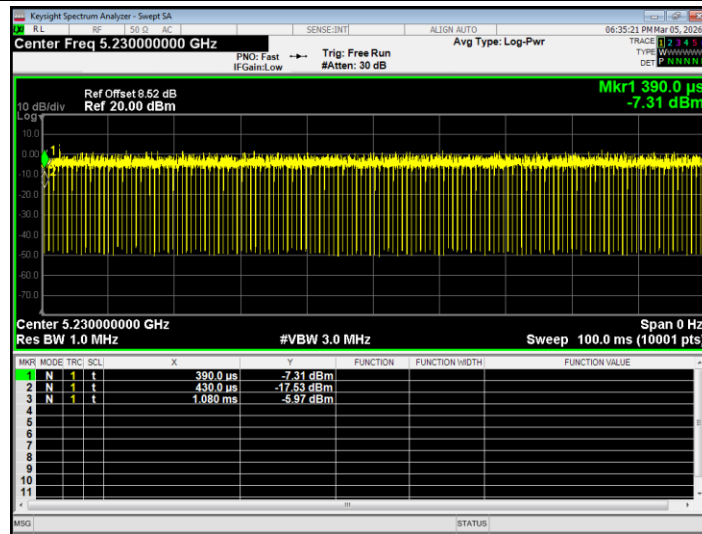
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1





Conducted Band Edge

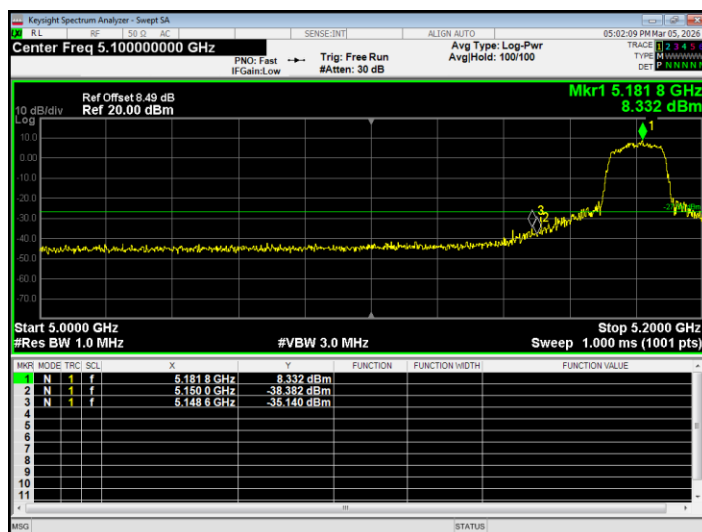
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-35.14	-27	Pass
NVNT	a	5240	Ant1	-41.39	-27	Pass
NVNT	ac20	5180	Ant1	-31.07	-27	Pass
NVNT	ac20	5240	Ant1	-41.4	-27	Pass
NVNT	ac40	5190	Ant1	-42.39	-27	Pass
NVNT	ac40	5230	Ant1	-41.84	-27	Pass
NVNT	n20	5180	Ant1	-30.15	-27	Pass
NVNT	n20	5240	Ant1	-41.96	-27	Pass
NVNT	n40	5190	Ant1	-34.72	-27	Pass
NVNT	n40	5230	Ant1	-42.04	-27	Pass

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

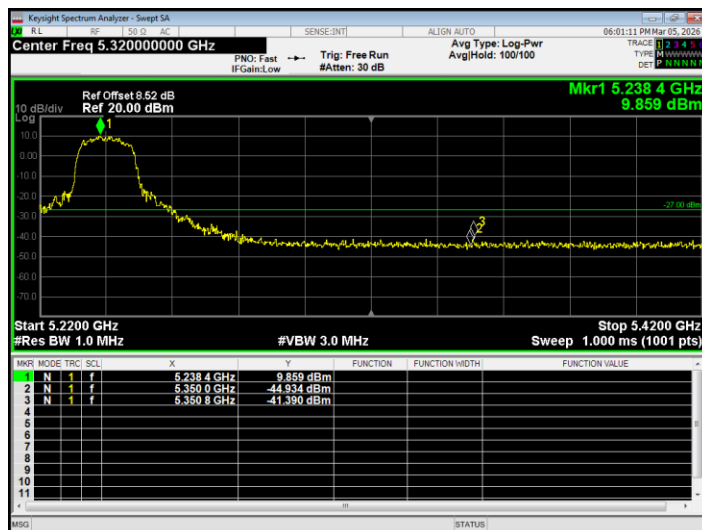


Shenzhen DL Testing Technology Co., Ltd.

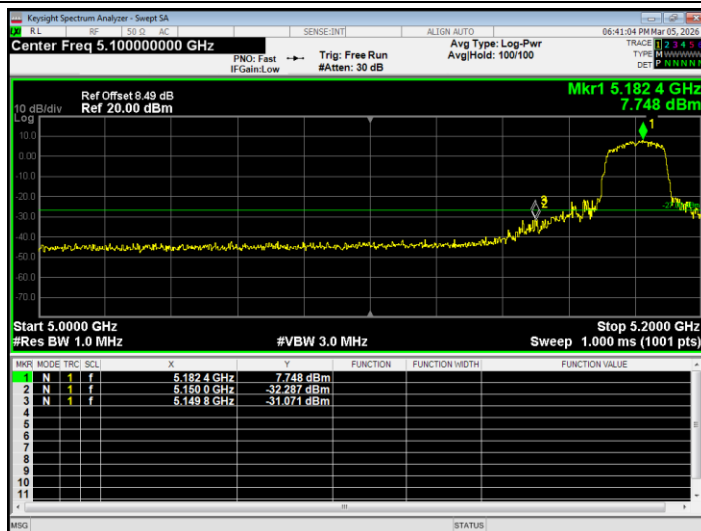
Band Edge NVNT a 5180MHz Low Ant1



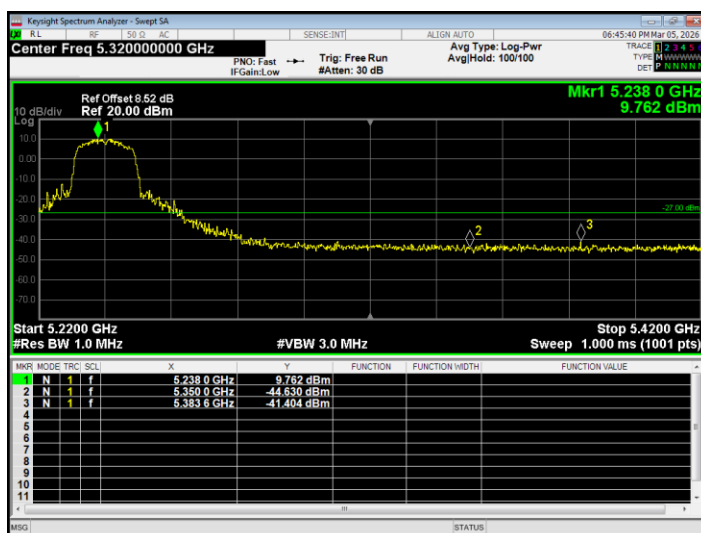
Band Edge NVNT a 5240MHz High Ant1



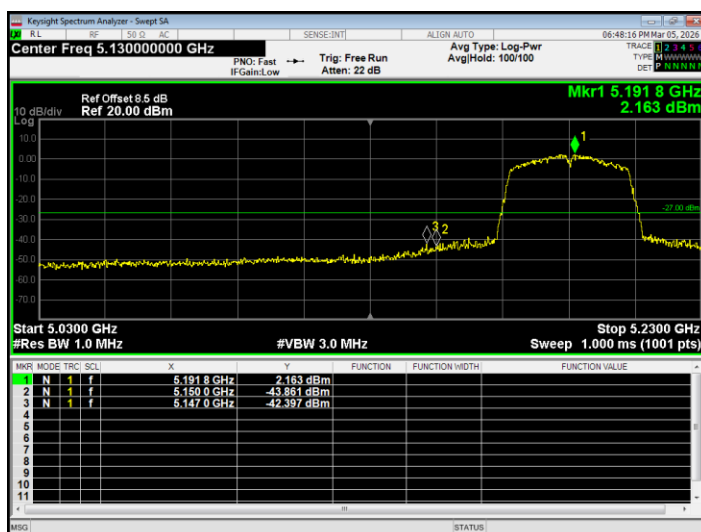
Band Edge NVNT ac20 5180MHz Low Ant1



Band Edge NVNT ac20 5240MHz High Ant1



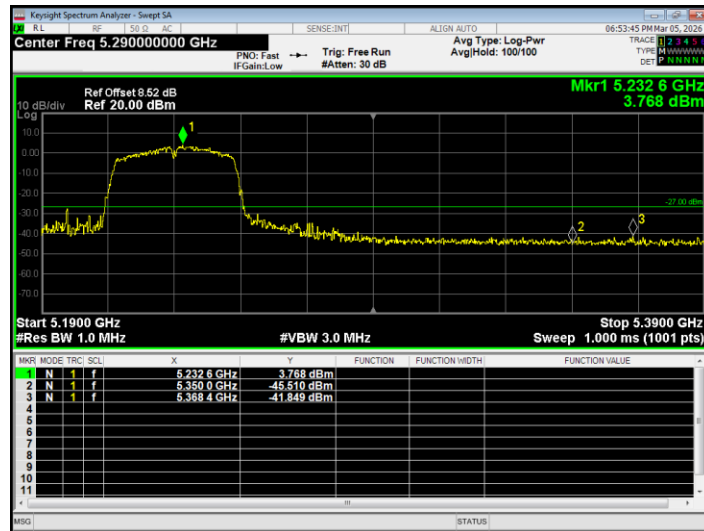
Band Edge NVNT ac40 5190MHz Low Ant1



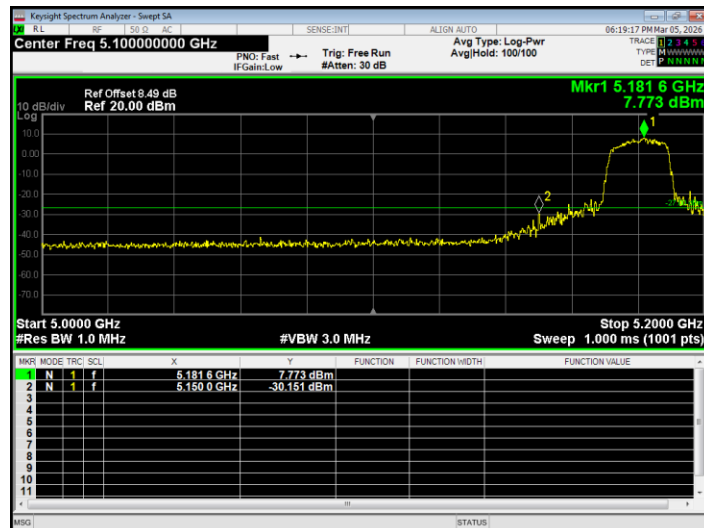


Shenzhen DL Testing Technology Co., Ltd.

Band Edge NVNT ac40 5230MHz High Ant1



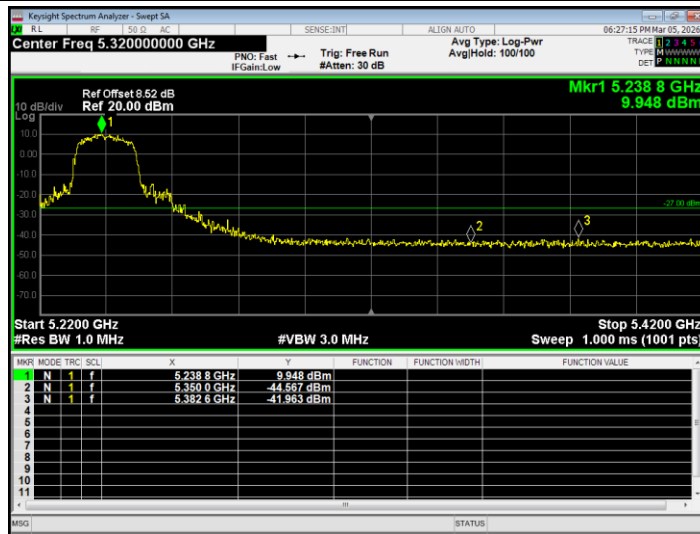
Band Edge NVNT n20 5180MHz Low Ant1



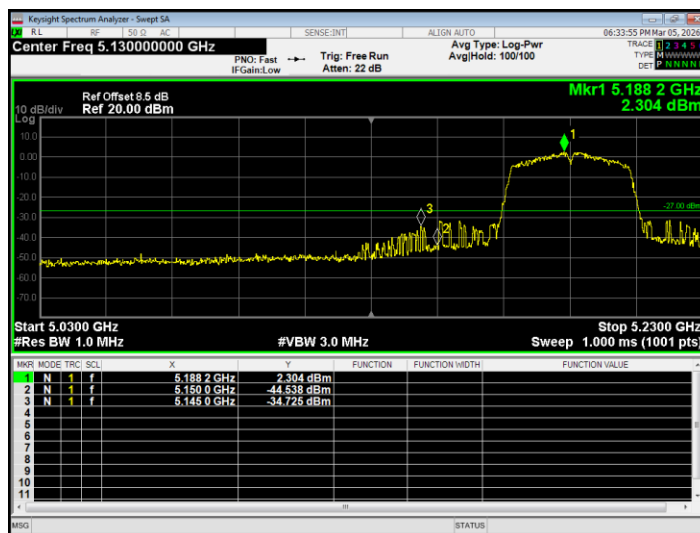
Band Edge NVNT n20 5240MHz High Ant1



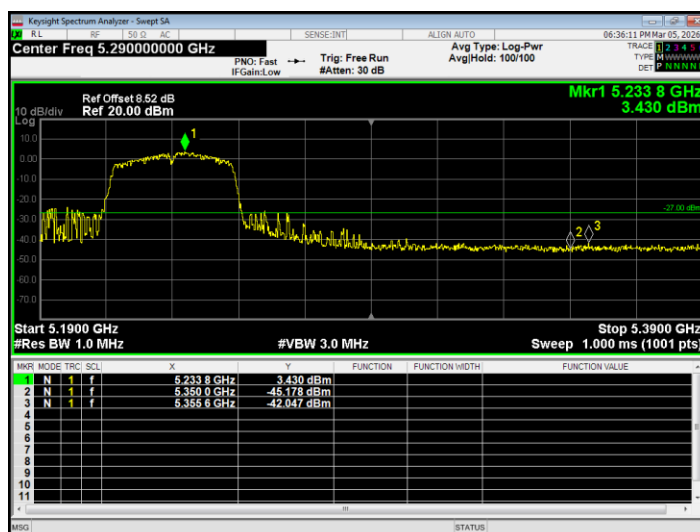
Shenzhen DL Testing Technology Co., Ltd.



Band Edge NVNT n40 5190MHz Low Ant1



Band Edge NVNT n40 5230MHz High Ant1





Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Output Power (dBm)	Duty Factor (dB)	Total Output Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	8.995	0.87	9.865	24	Pass
NVNT	a	5220	Ant1	9.876	0.87	10.746	24	Pass
NVNT	a	5240	Ant1	11.345	0.87	12.215	24	Pass
NVNT	ac20	5180	Ant1	10.104	0.13	10.234	24	Pass
NVNT	ac20	5220	Ant1	10.882	0.13	11.012	24	Pass
NVNT	ac20	5240	Ant1	12.548	0.13	12.678	24	Pass
NVNT	ac40	5190	Ant1	6.772	0.26	7.032	24	Pass
NVNT	ac40	5230	Ant1	8.236	0.32	8.556	24	Pass
NVNT	n20	5180	Ant1	10.155	0.13	10.285	24	Pass
NVNT	n20	5220	Ant1	10.782	0.13	10.912	24	Pass
NVNT	n20	5240	Ant1	12.544	0.13	12.674	24	Pass
NVNT	n40	5190	Ant1	6.859	0.26	7.119	24	Pass
NVNT	n40	5230	Ant1	8.186	0.26	8.446	24	Pass



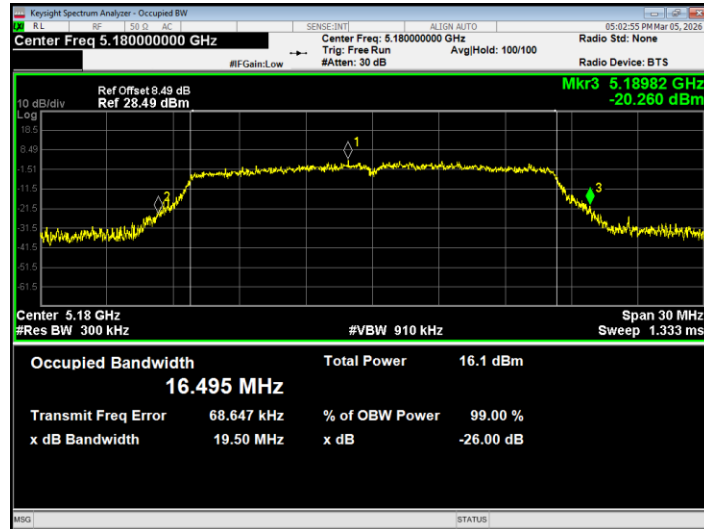
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.5	Pass
NVNT	a	5220	Ant1	19.82	Pass
NVNT	a	5240	Ant1	19.85	Pass
NVNT	ac20	5180	Ant1	22.16	Pass
NVNT	ac20	5220	Ant1	26.73	Pass
NVNT	ac20	5240	Ant1	20.79	Pass
NVNT	ac40	5190	Ant1	39.43	Pass
NVNT	ac40	5230	Ant1	39.88	Pass
NVNT	n20	5180	Ant1	21.66	Pass
NVNT	n20	5220	Ant1	26.58	Pass
NVNT	n20	5240	Ant1	23.13	Pass
NVNT	n40	5190	Ant1	39.45	Pass
NVNT	n40	5230	Ant1	40.32	Pass

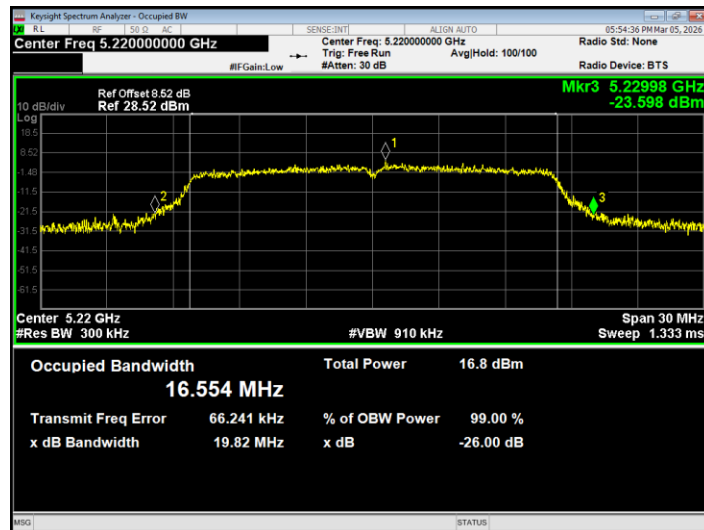


Shenzhen DL Testing Technology Co., Ltd.

-26dB Bandwidth NVNT a 5180MHz Ant1



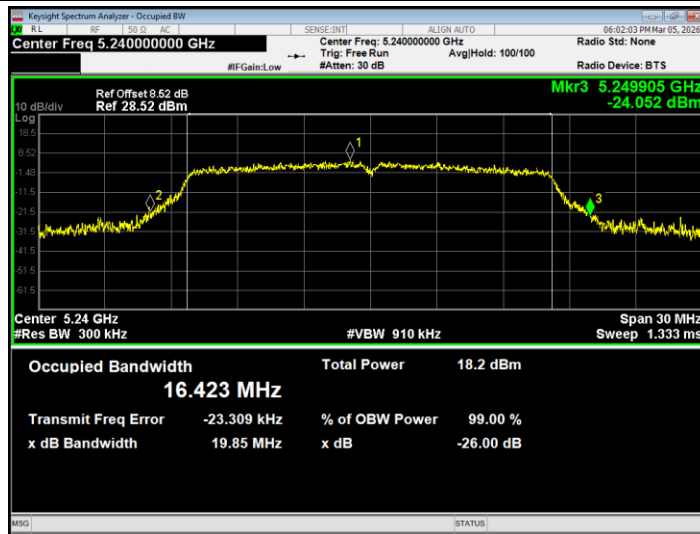
-26dB Bandwidth NVNT a 5220MHz Ant1



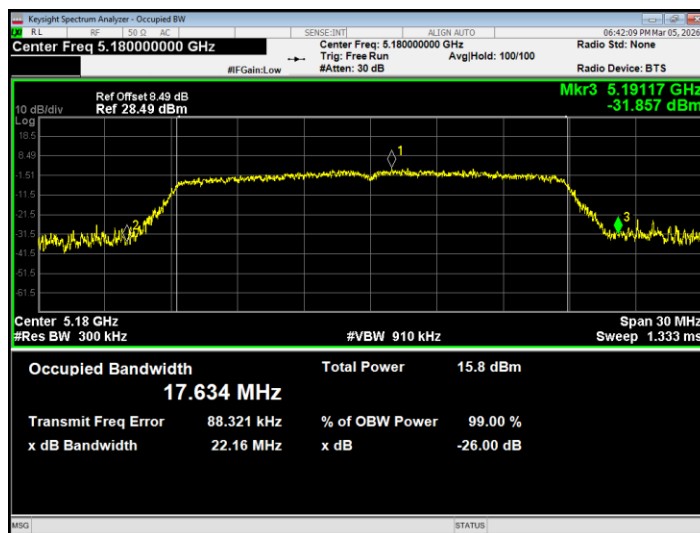
-26dB Bandwidth NVNT a 5240MHz Ant1



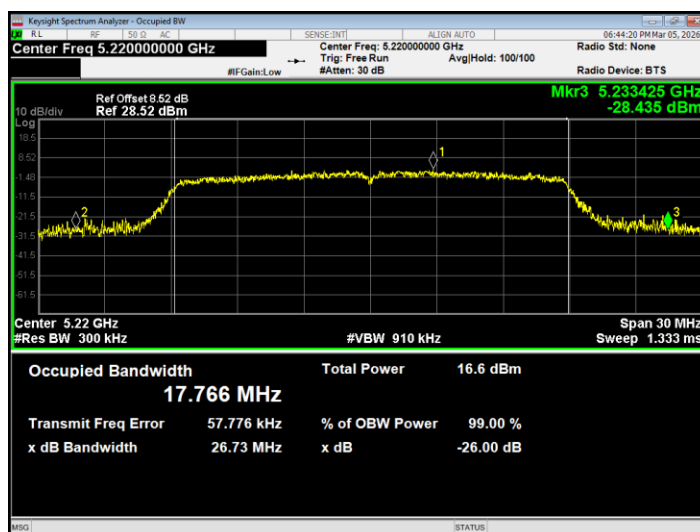
Shenzhen DL Testing Technology Co., Ltd.



-26dB Bandwidth NVNT ac20 5180MHz Ant1



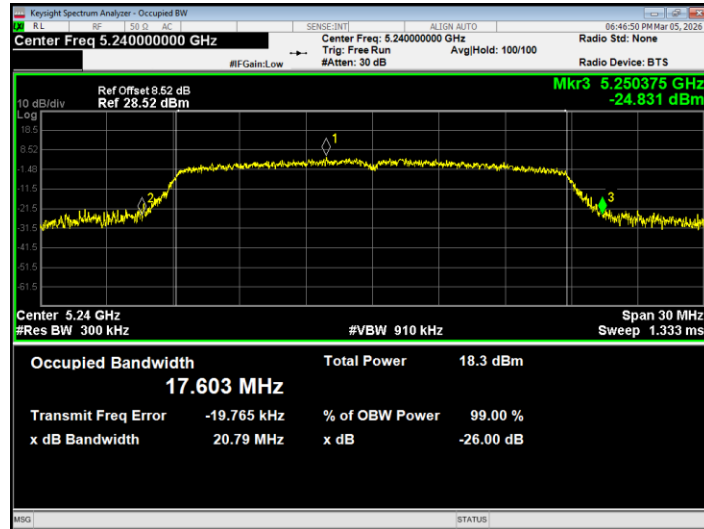
-26dB Bandwidth NVNT ac20 5220MHz Ant1



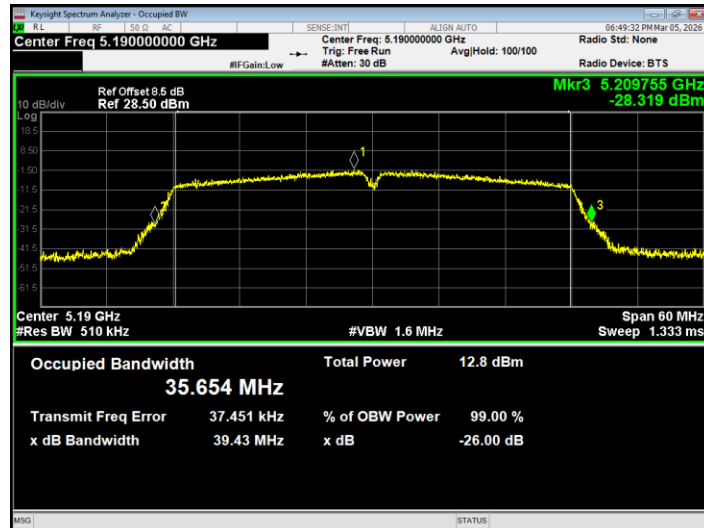


Shenzhen DL Testing Technology Co., Ltd.

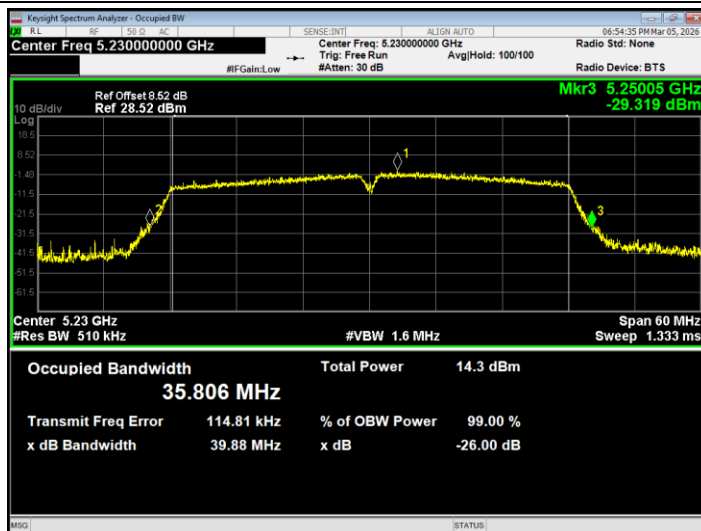
-26dB Bandwidth NVNT ac20 5240MHz Ant1



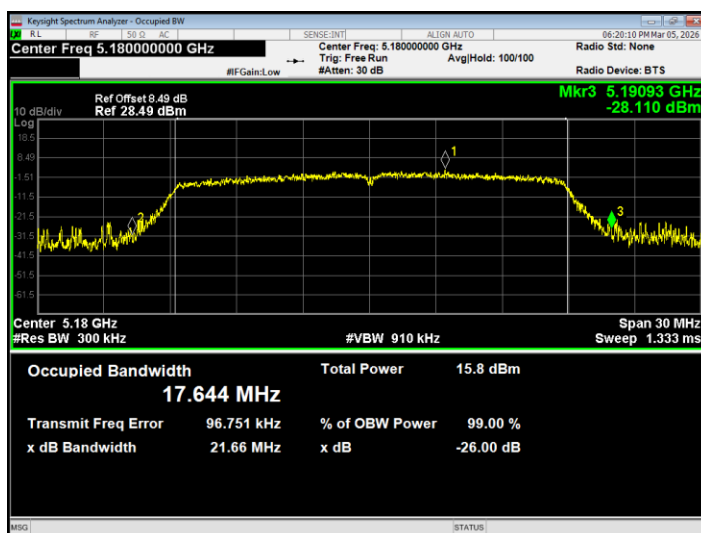
-26dB Bandwidth NVNT ac40 5190MHz Ant1



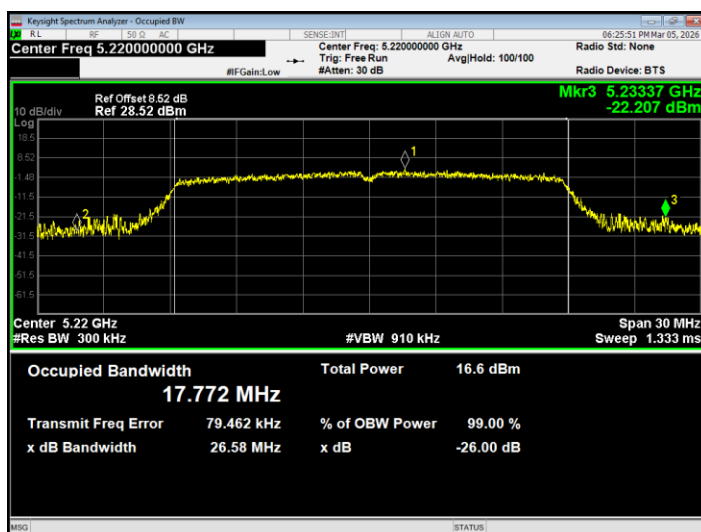
-26dB Bandwidth NVNT ac40 5230MHz Ant1



-26dB Bandwidth NVNT n20 5180MHz Ant1



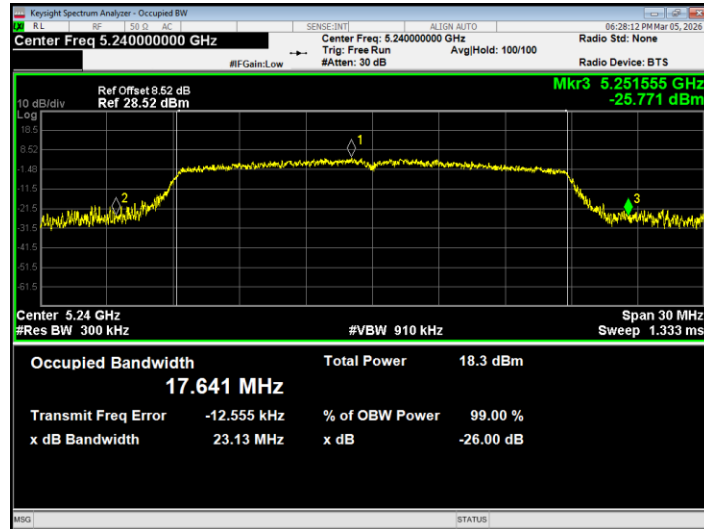
-26dB Bandwidth NVNT n20 5220MHz Ant1



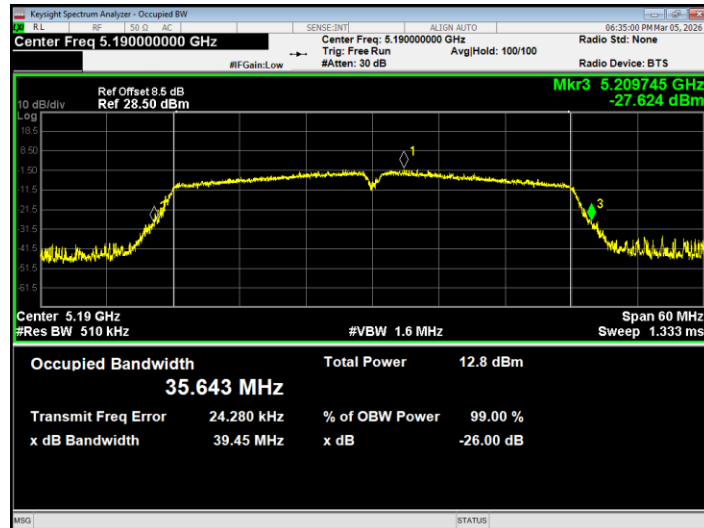


Shenzhen DL Testing Technology Co., Ltd.

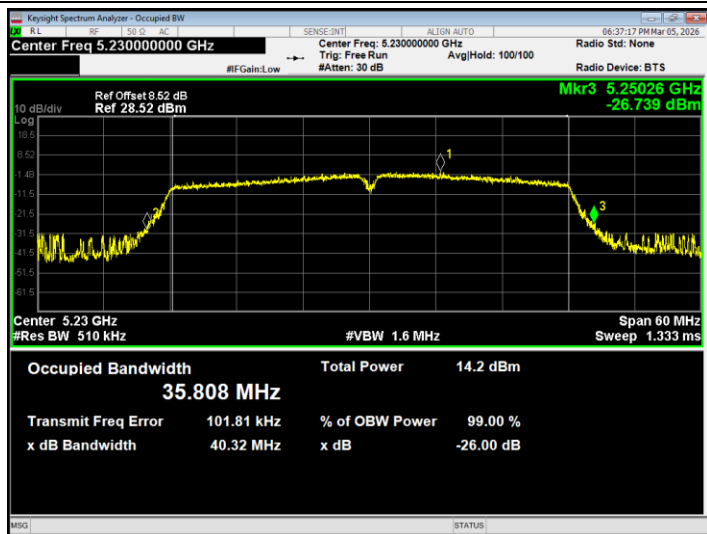
-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1





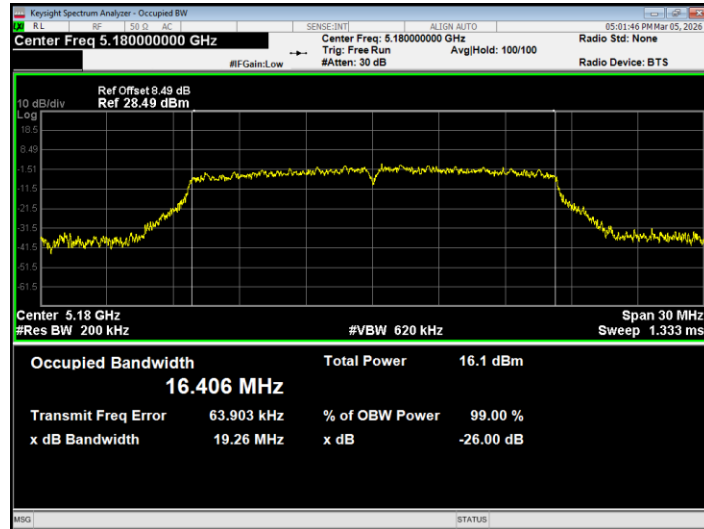
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.406
NVNT	a	5220	Ant1	16.408
NVNT	a	5240	Ant1	16.368
NVNT	ac20	5180	Ant1	17.559
NVNT	ac20	5220	Ant1	17.659
NVNT	ac20	5240	Ant1	17.528
NVNT	ac40	5190	Ant1	35.604
NVNT	ac40	5230	Ant1	35.725
NVNT	n20	5180	Ant1	17.568
NVNT	n20	5220	Ant1	17.649
NVNT	n20	5240	Ant1	17.509
NVNT	n40	5190	Ant1	35.601
NVNT	n40	5230	Ant1	35.799

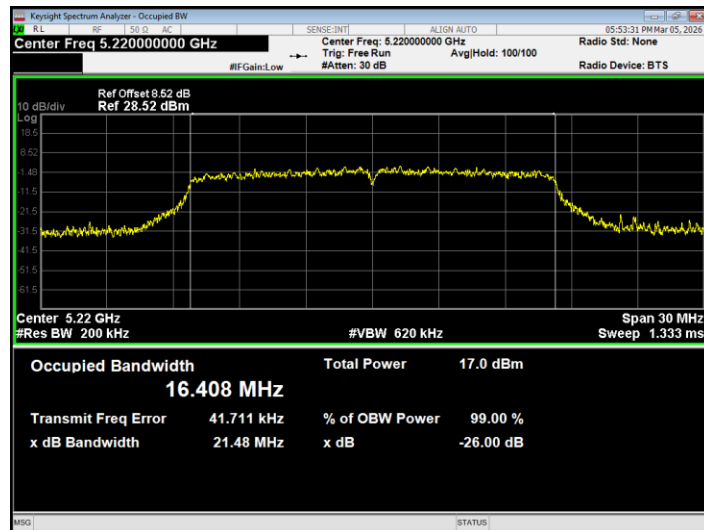


Shenzhen DL Testing Technology Co., Ltd.

OBW NVNT a 5180MHz Ant1



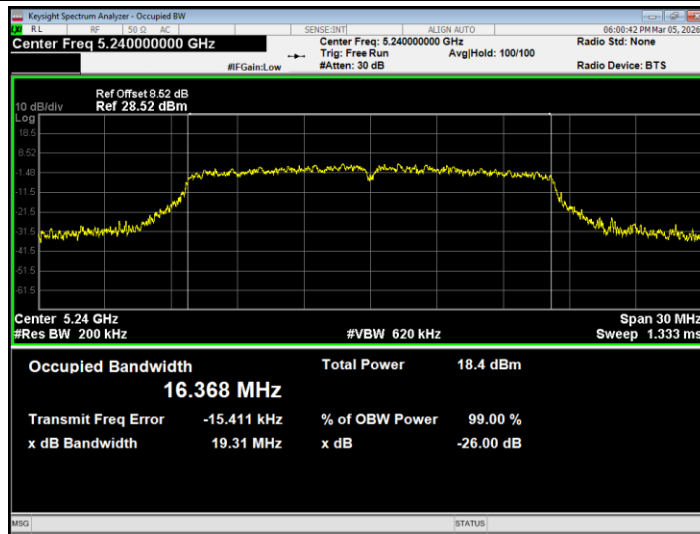
OBW NVNT a 5220MHz Ant1



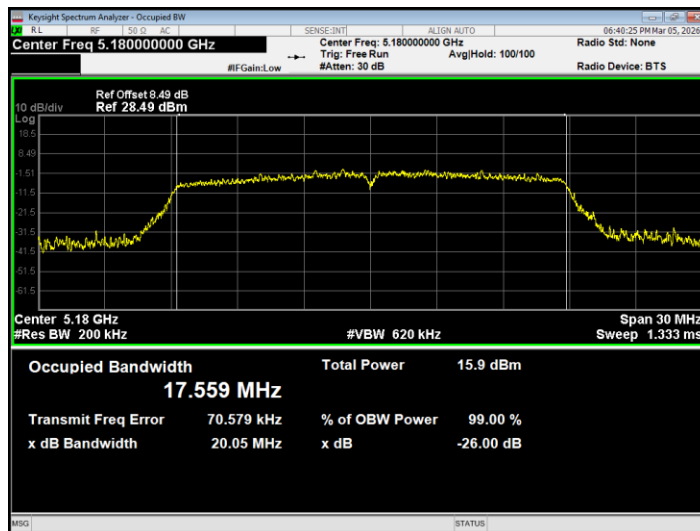
OBW NVNT a 5240MHz Ant1



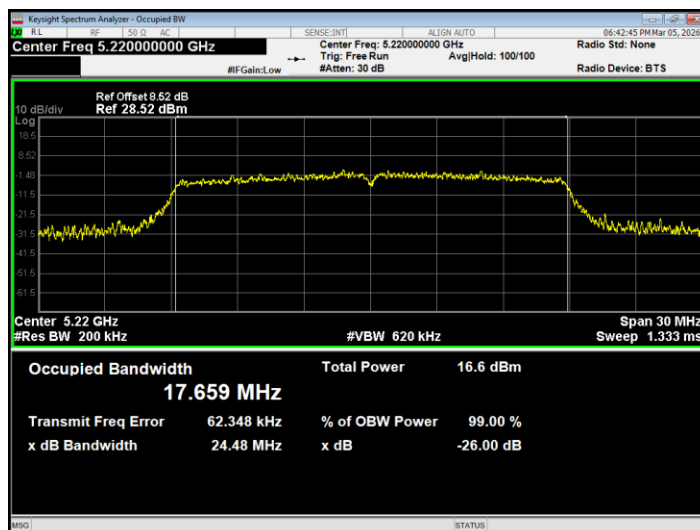
Shenzhen DL Testing Technology Co., Ltd.



OBW NVNT ac20 5180MHz Ant1



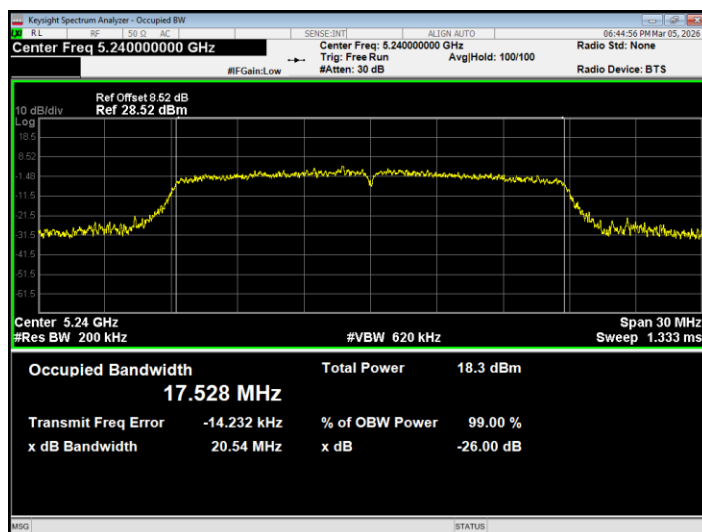
OBW NVNT ac20 5220MHz Ant1



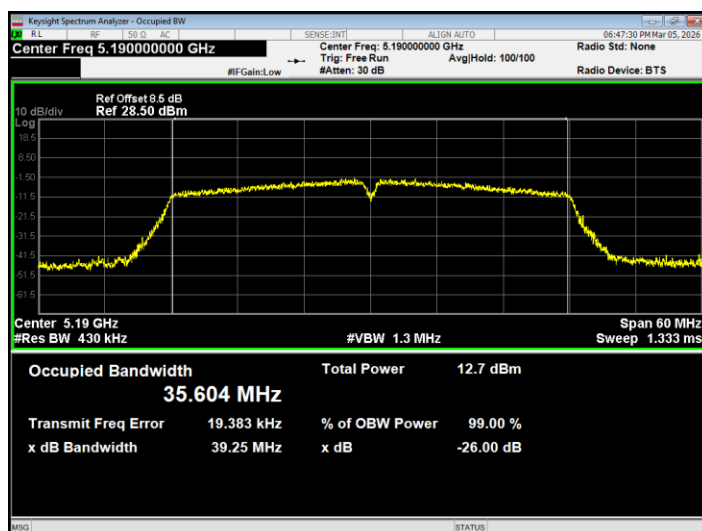


Shenzhen DL Testing Technology Co., Ltd.

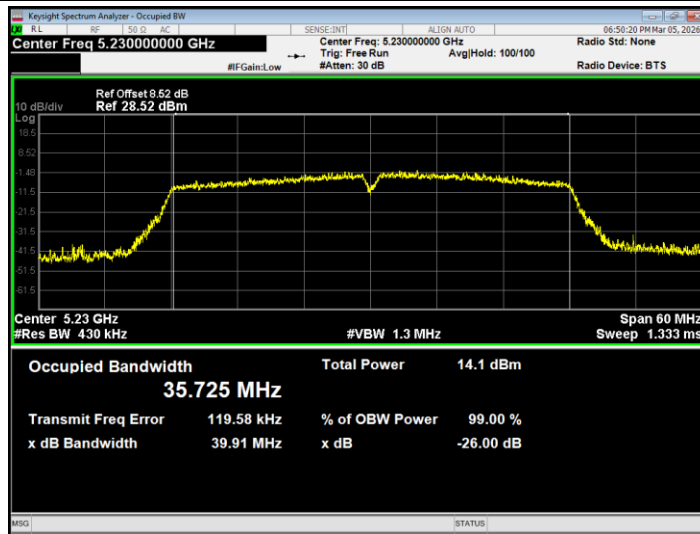
OBW NVNT ac20 5240MHz Ant1



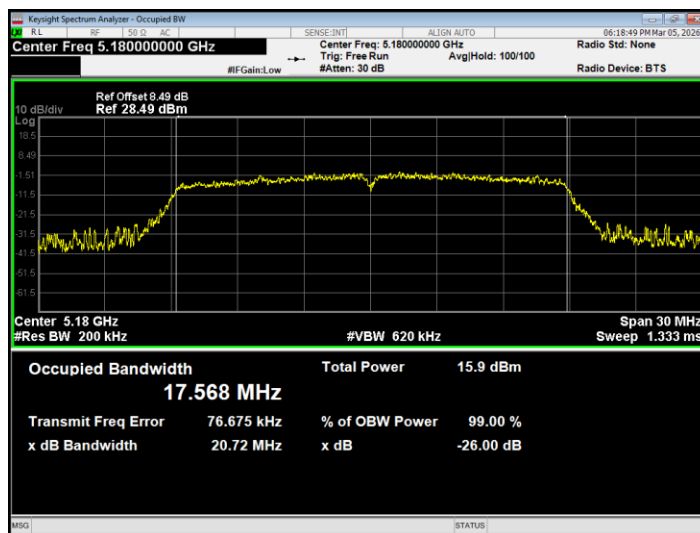
OBW NVNT ac40 5190MHz Ant1



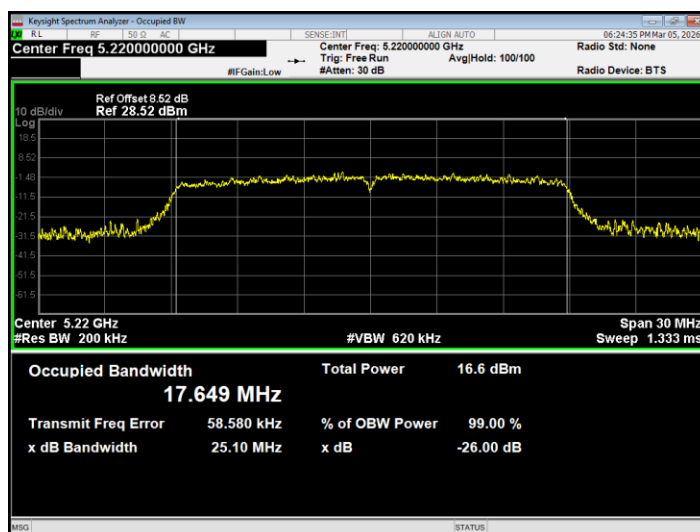
OBW NVNT ac40 5230MHz Ant1



OBW NVNT n20 5180MHz Ant1



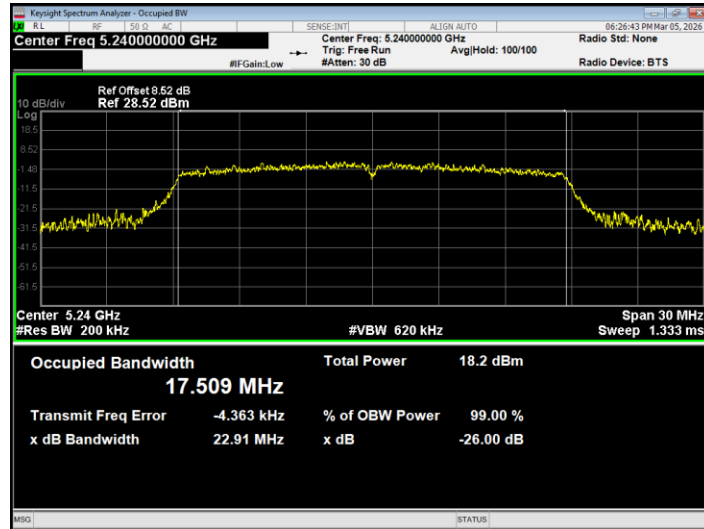
OBW NVNT n20 5220MHz Ant1



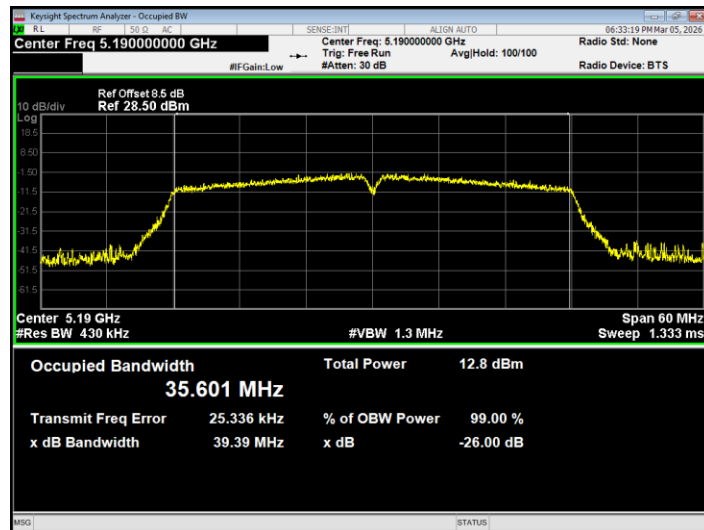


Shenzhen DL Testing Technology Co., Ltd.

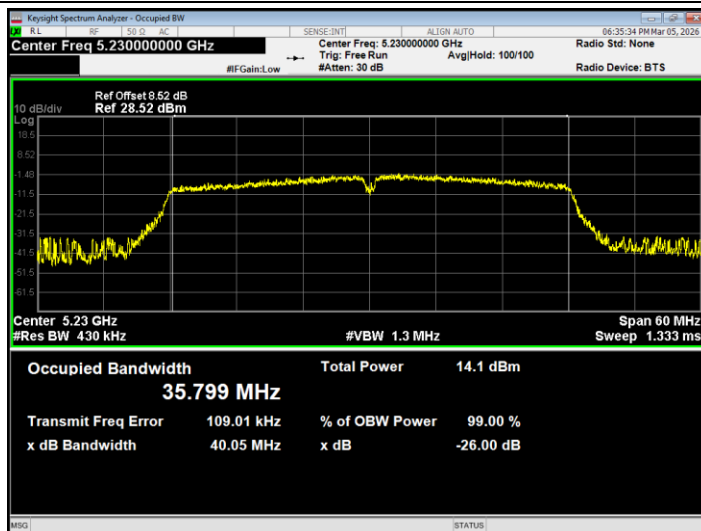
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1





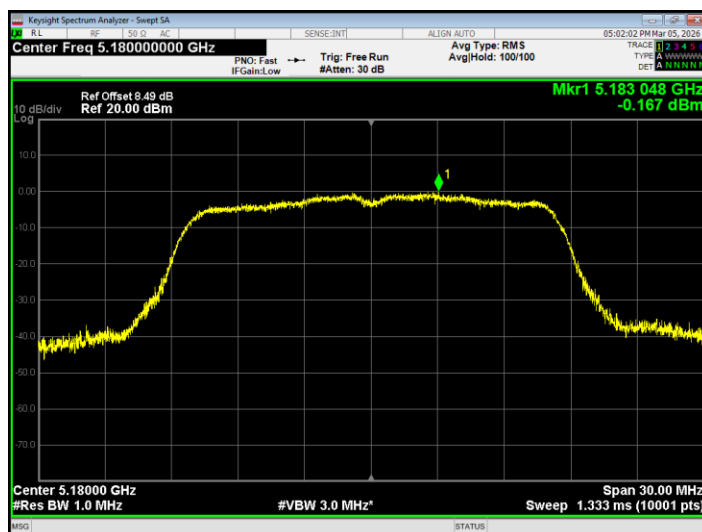
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-0.167	0.87	0.703	11	Pass
NVNT	a	5220	Ant1	0.427	0.87	1.297	11	Pass
NVNT	a	5240	Ant1	2.222	0.87	3.092	11	Pass
NVNT	ac20	5180	Ant1	0.334	0.13	0.464	11	Pass
NVNT	ac20	5220	Ant1	1.034	0.13	1.164	11	Pass
NVNT	ac20	5240	Ant1	2.933	0.13	3.063	11	Pass
NVNT	ac40	5190	Ant1	-5.069	0.26	-4.809	11	Pass
NVNT	ac40	5230	Ant1	-4.117	0.32	-3.797	11	Pass
NVNT	n20	5180	Ant1	0.721	0.13	0.851	11	Pass
NVNT	n20	5220	Ant1	0.906	0.13	1.036	11	Pass
NVNT	n20	5240	Ant1	3.079	0.13	3.209	11	Pass
NVNT	n40	5190	Ant1	-5.289	0.26	-5.029	11	Pass
NVNT	n40	5230	Ant1	-3.994	0.26	-3.734	11	Pass

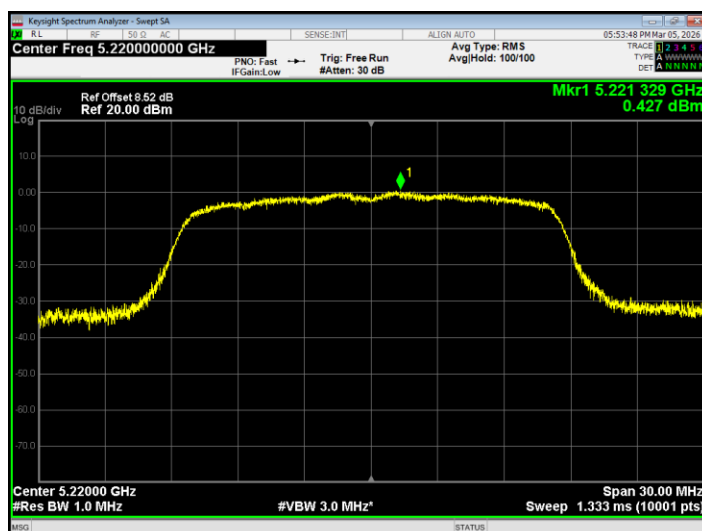


Shenzhen DL Testing Technology Co., Ltd.

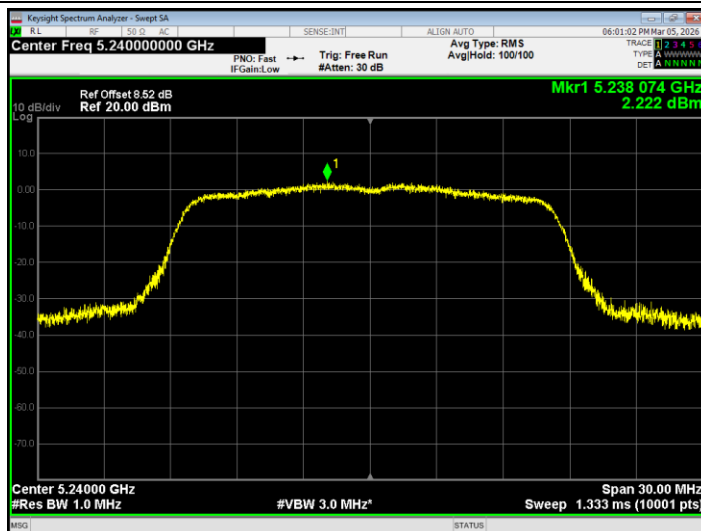
PSD NVNT a 5180MHz Ant1



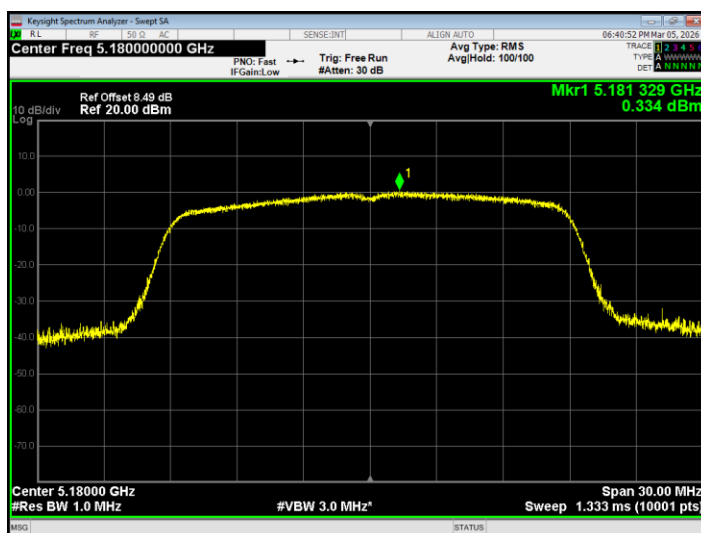
PSD NVNT a 5220MHz Ant1



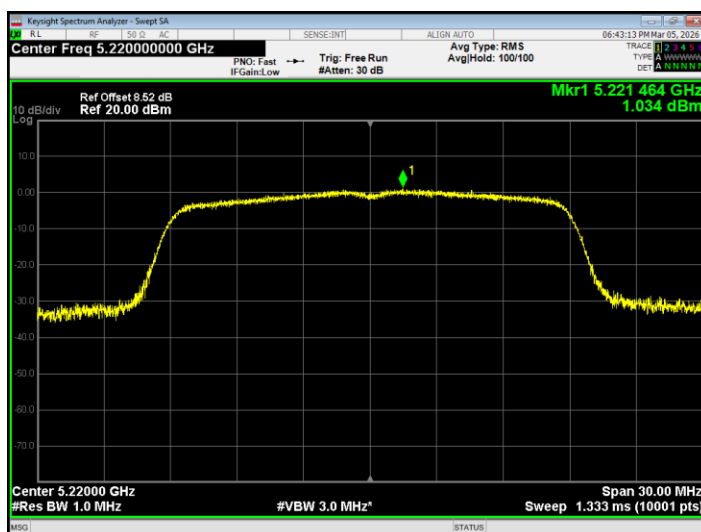
PSD NVNT a 5240MHz Ant1



PSD NVNT ac20 5180MHz Ant1



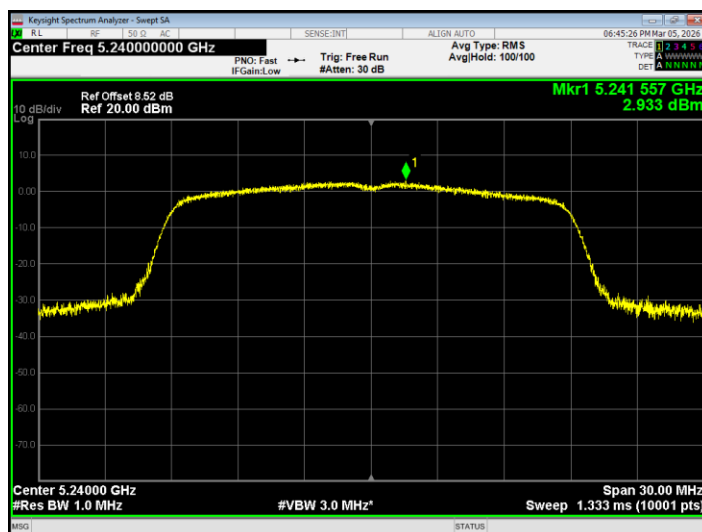
PSD NVNT ac20 5220MHz Ant1



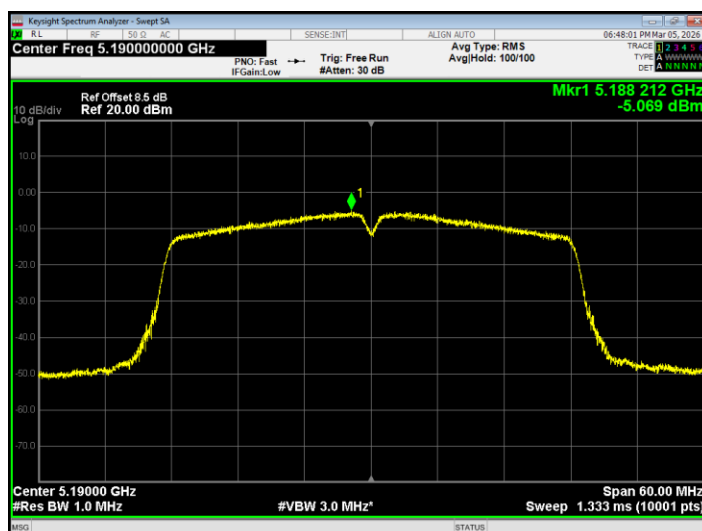


Shenzhen DL Testing Technology Co., Ltd.

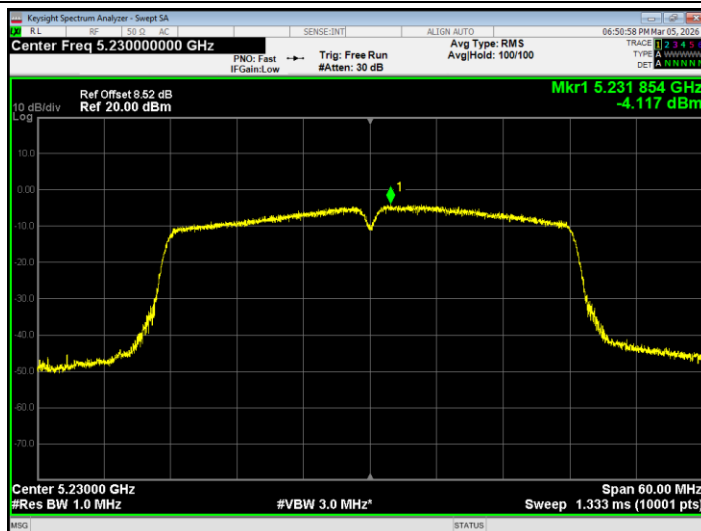
PSD NVNT ac20 5240MHz Ant1



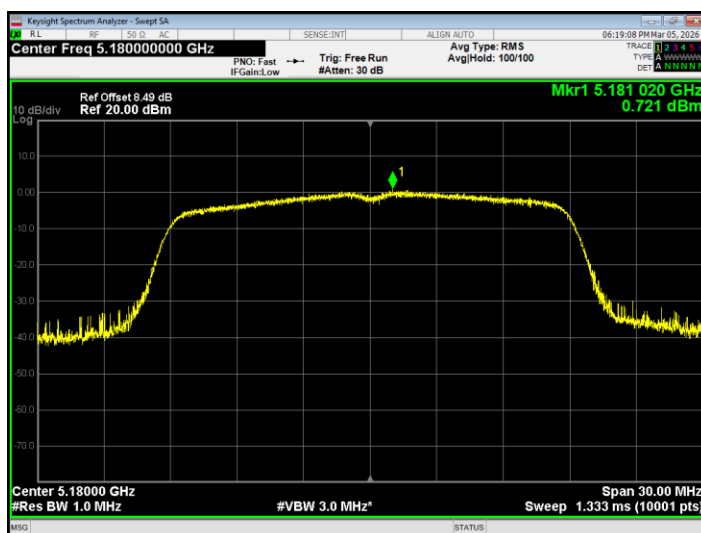
PSD NVNT ac40 5190MHz Ant1



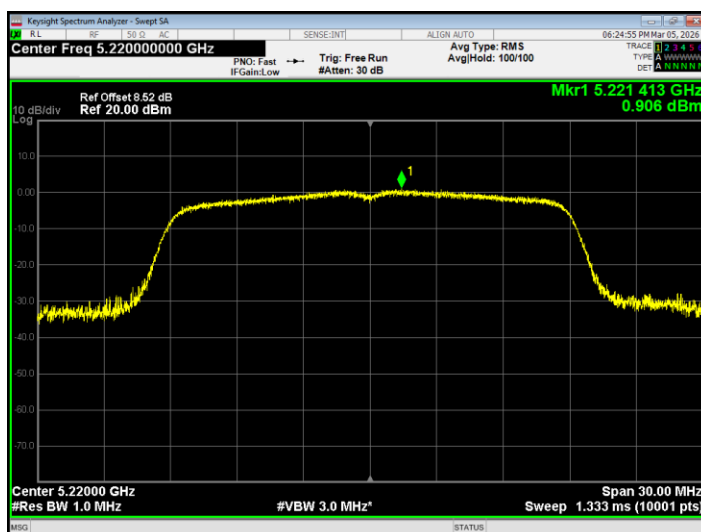
PSD NVNT ac40 5230MHz Ant1



PSD NVNT n20 5180MHz Ant1



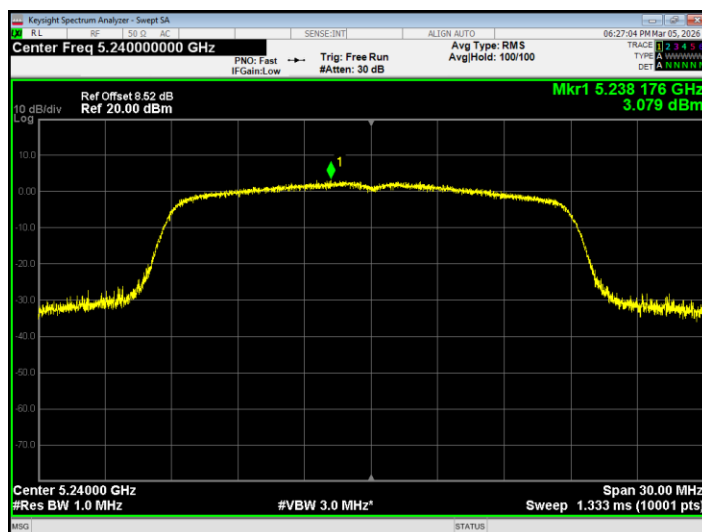
PSD NVNT n20 5220MHz Ant1



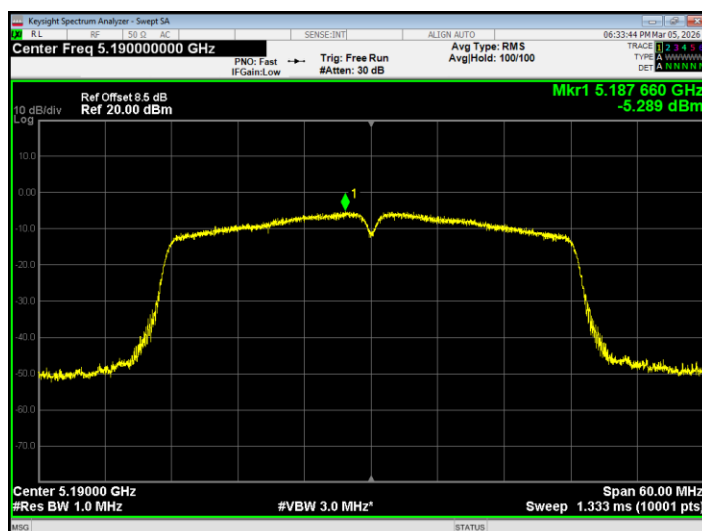


Shenzhen DL Testing Technology Co., Ltd.

PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1



Shenzhen DL Testing Technology Co., Ltd.

