



Shenzhen DL Testing Technology Co., Ltd.

Appendix 1

FCC Test Report

FCC ID: 2BH HB-MACO

Applicant: Shenzhen Tianbei Technology Co., Ltd
Address: 4th Floor, Building C2, Zhongjia Creative Park, No. 65 East Ring Second Road, Fukang Community, Longhua Street, Longhua District, Shenzhen
Manufacturer: Shenzhen Tianbei Technology Co., Ltd
Address: 4th Floor, Building C2, Zhongjia Creative Park, No. 65 East Ring Second Road, Fukang Community, Longhua Street, Longhua District, Shenzhen
EUT: MINI PC
Trade Mark: N/A
Model Number: MACO, G-FLIP, WTR MAX, WTR PRO, NEX, GT37, GT68, GT, GOD Y, N1S, FLEX, N1PRO, N2PRO, GEM12+, GEM12+PRO, GEM12 MAX, AG01, AG02, EG01, EG02, XG76XT, N-BOX Z
Date of Receipt: Oct. 28, 2025
Test Date: Oct. 28, 2025 - Nov. 14, 2025
Date of Report: Nov. 14, 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
Test Result: Pass



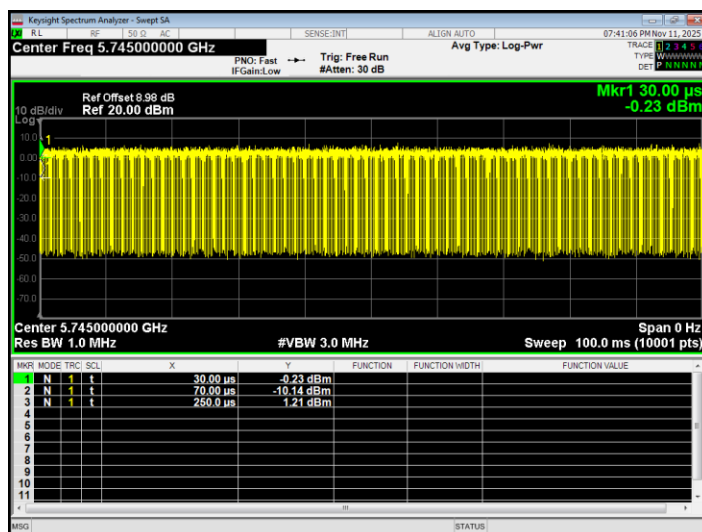
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	81.82	0.87
NVNT	a	5785	Ant1	81.82	0.87
NVNT	a	5825	Ant1	81.82	0.87
NVNT	ac20	5745	Ant1	97.04	0.13
NVNT	ac20	5785	Ant1	97.06	0.13
NVNT	ac20	5825	Ant1	97.06	0.13
NVNT	ac40	5755	Ant1	92.86	0.32
NVNT	ac40	5795	Ant1	94.2	0.26
NVNT	ac80	5775	Ant1	89.19	0.5
NVNT	n20	5745	Ant1	97.01	0.13
NVNT	n20	5785	Ant1	97.01	0.13
NVNT	n20	5825	Ant1	96.3	0.16
NVNT	n40	5755	Ant1	94.2	0.26
NVNT	n40	5795	Ant1	94.2	0.26

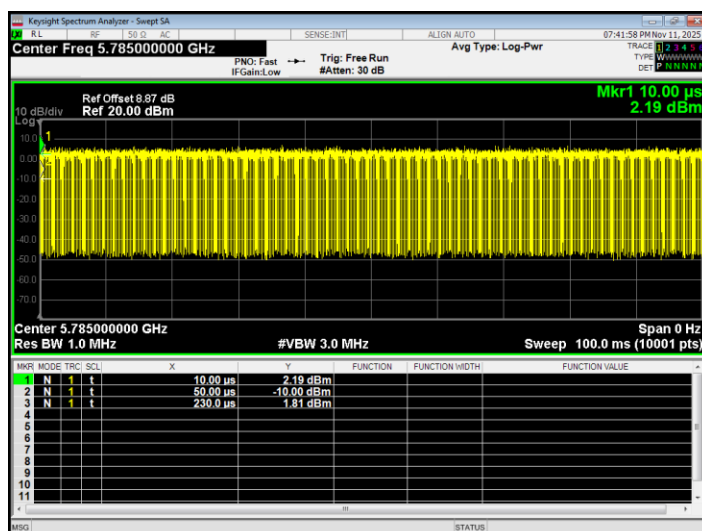


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Duty Cycle NVNT a 5745MHz Ant1



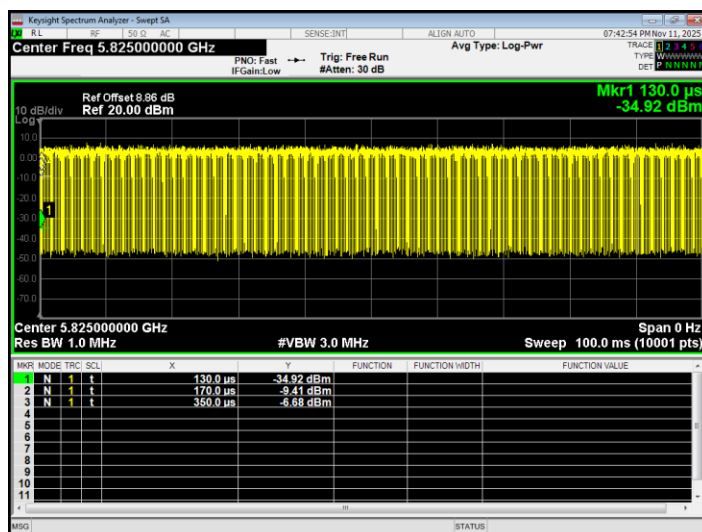
Duty Cycle NVNT a 5785MHz Ant1



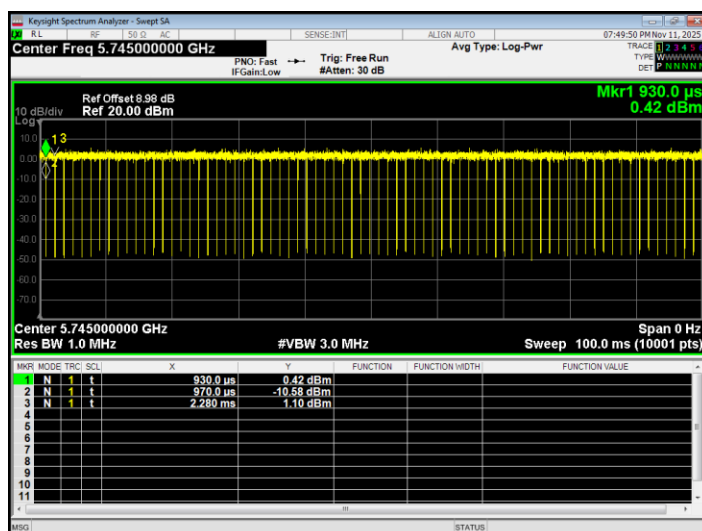


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Duty Cycle NVNT a 5825MHz Ant1



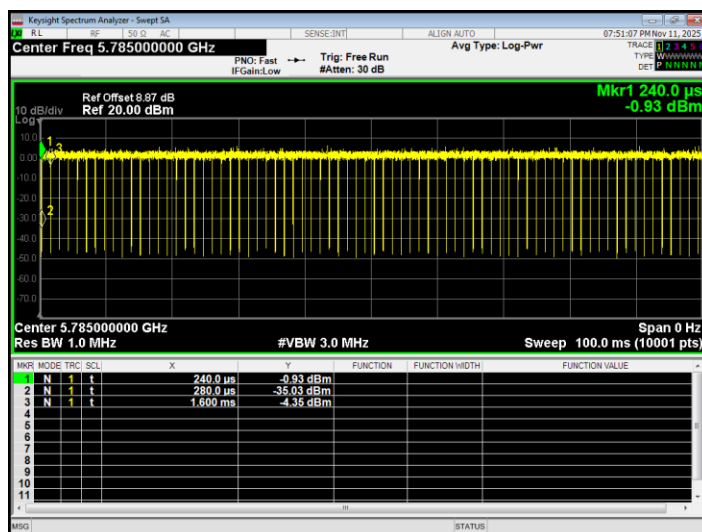
Duty Cycle NVNT ac20 5745MHz Ant1



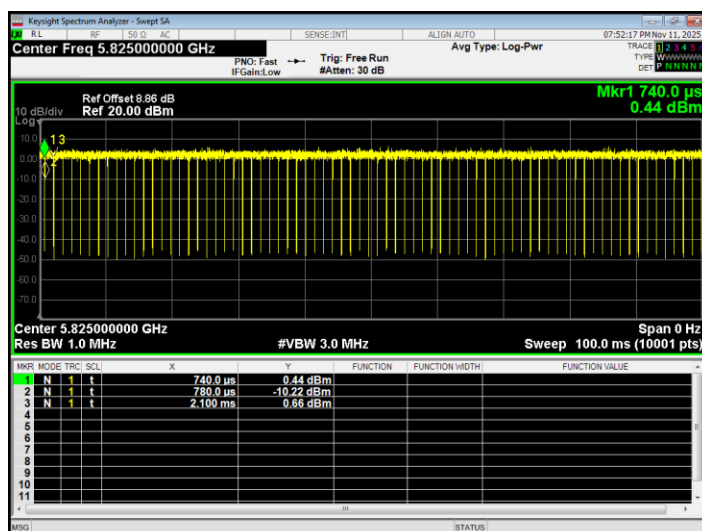


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Duty Cycle NVNT ac20 5785MHz Ant1



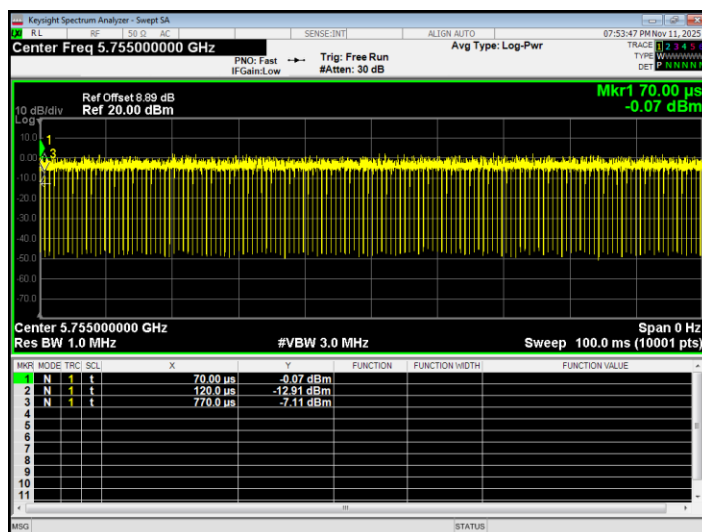
Duty Cycle NVNT ac20 5825MHz Ant1



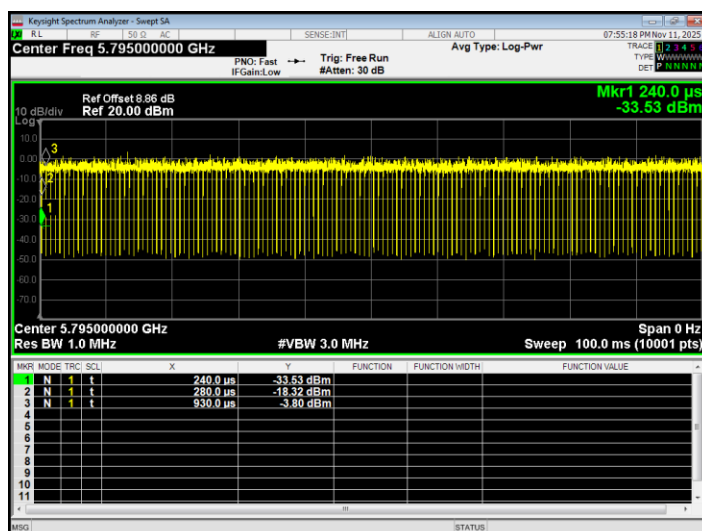


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Duty Cycle NVNT ac40 5755MHz Ant1



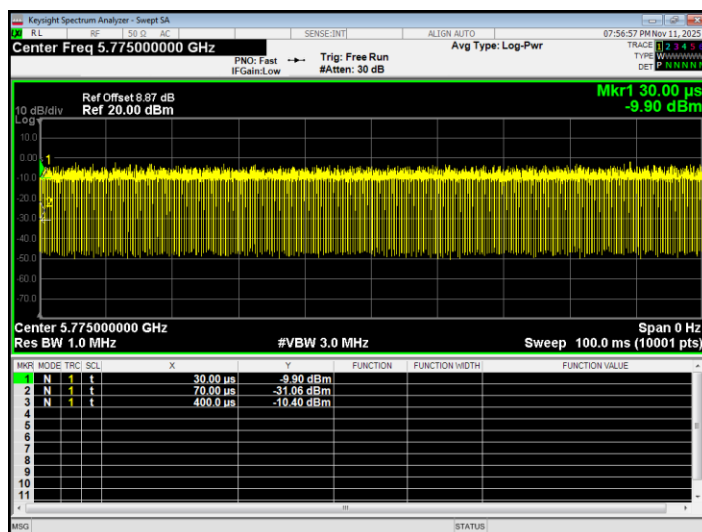
Duty Cycle NVNT ac40 5795MHz Ant1



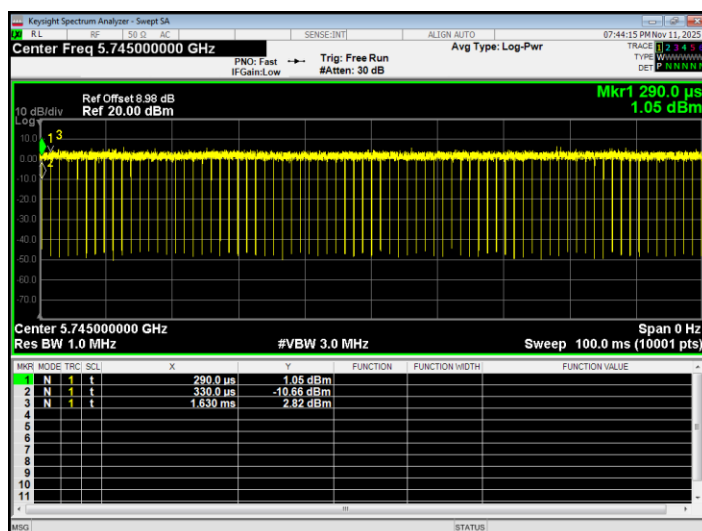


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Duty Cycle NVNT ac80 5775MHz Ant1



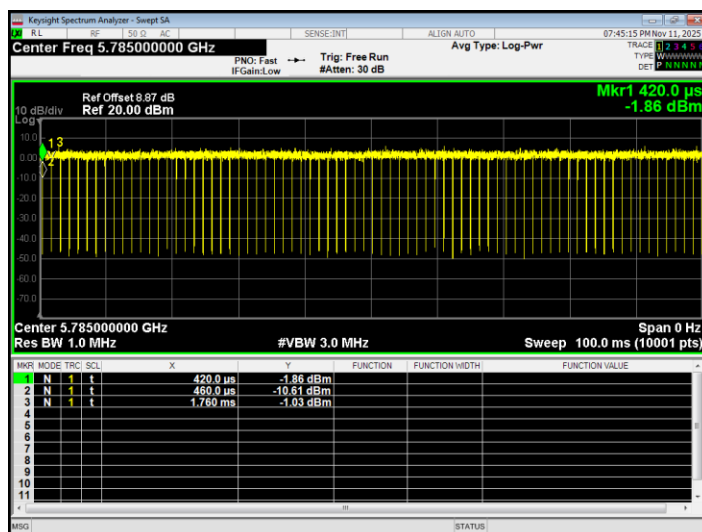
Duty Cycle NVNT n20 5745MHz Ant1



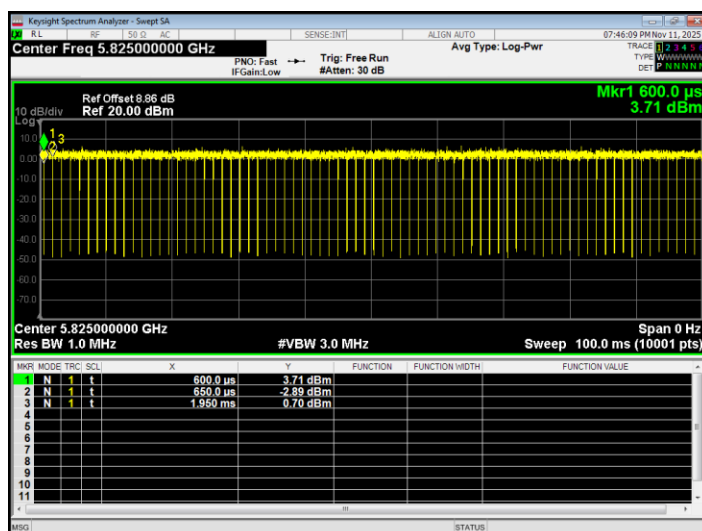


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Duty Cycle NVNT n20 5785MHz Ant1



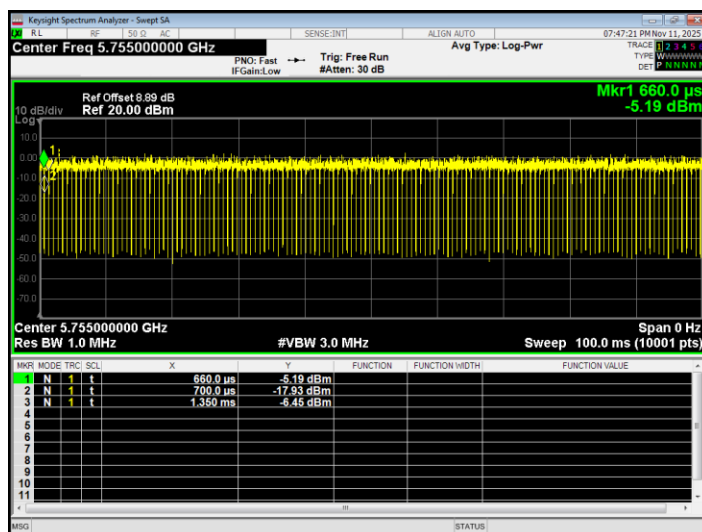
Duty Cycle NVNT n20 5825MHz Ant1



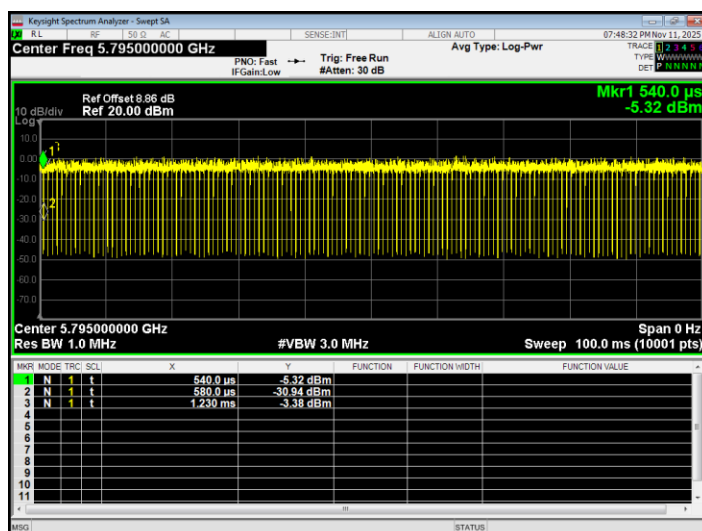


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Duty Cycle NVNT n40 5755MHz Ant1



Duty Cycle NVNT n40 5795MHz Ant1





Conducted Band Edge

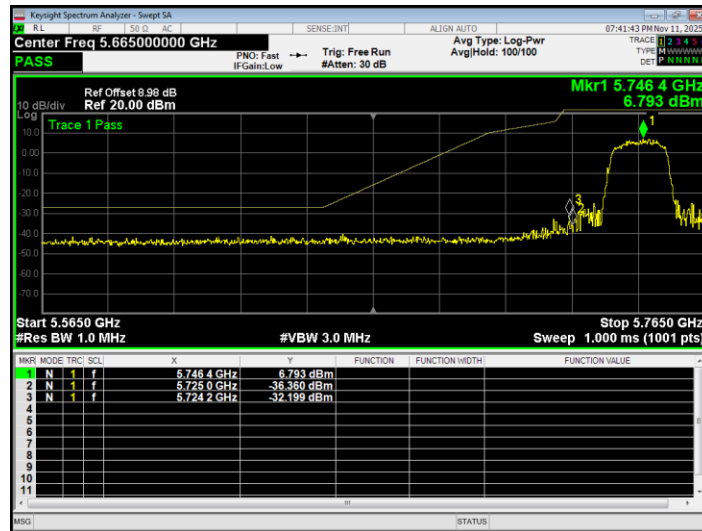
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-32.19	Pass
NVNT	a	5825	Ant1	-34.19	Pass
NVNT	ac20	5745	Ant1	-36.44	Pass
NVNT	ac20	5825	Ant1	-35.28	Pass
NVNT	ac40	5755	Ant1	-31.13	Pass
NVNT	ac40	5795	Ant1	-39.52	Pass
NVNT	ac80	5775	Ant1	-35.3	Pass
NVNT	n20	5745	Ant1	-32.39	Pass
NVNT	n20	5825	Ant1	-32.29	Pass
NVNT	n40	5755	Ant1	-23.57	Pass
NVNT	n40	5795	Ant1	-36.76	Pass

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

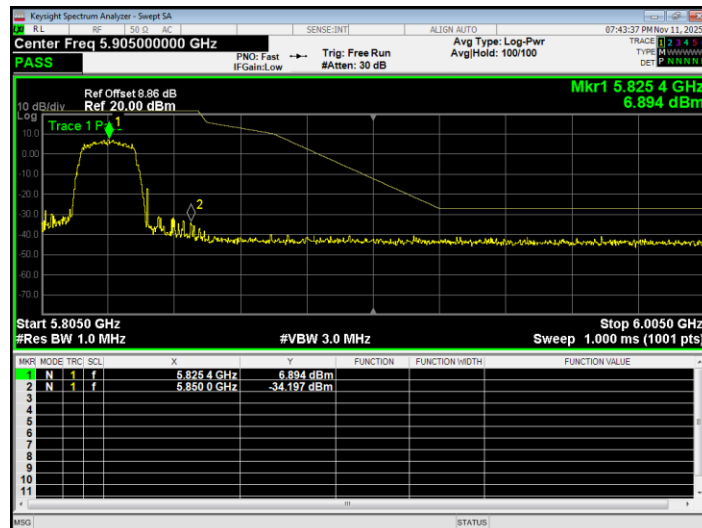


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Band Edge NVNT a 5745MHz Low Ant1



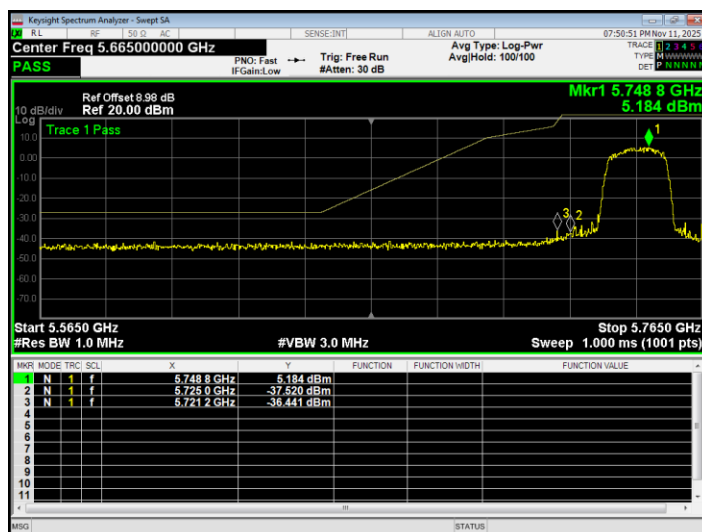
Band Edge NVNT a 5825MHz High Ant1



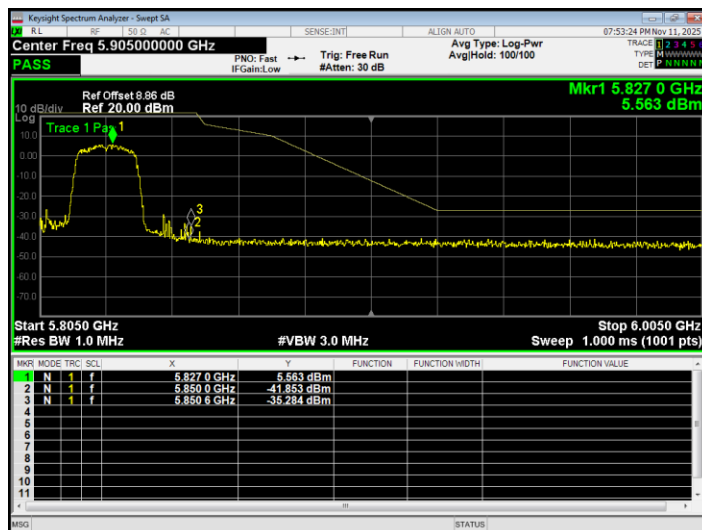


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Band Edge NVNT ac20 5745MHz Low Ant1



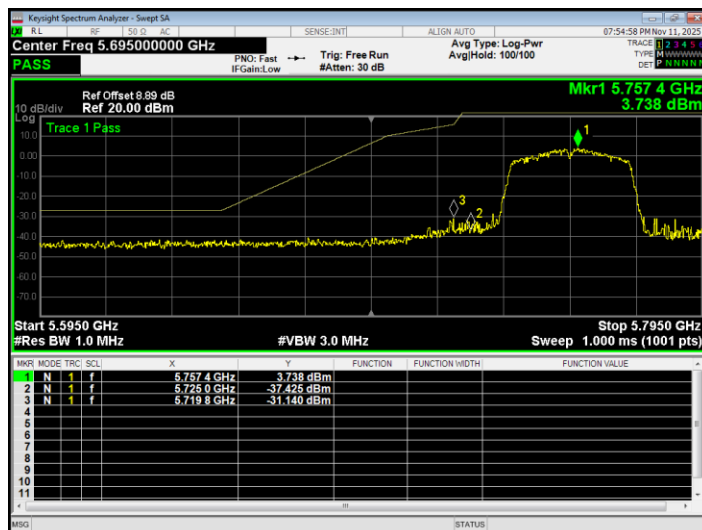
Band Edge NVNT ac20 5825MHz High Ant1



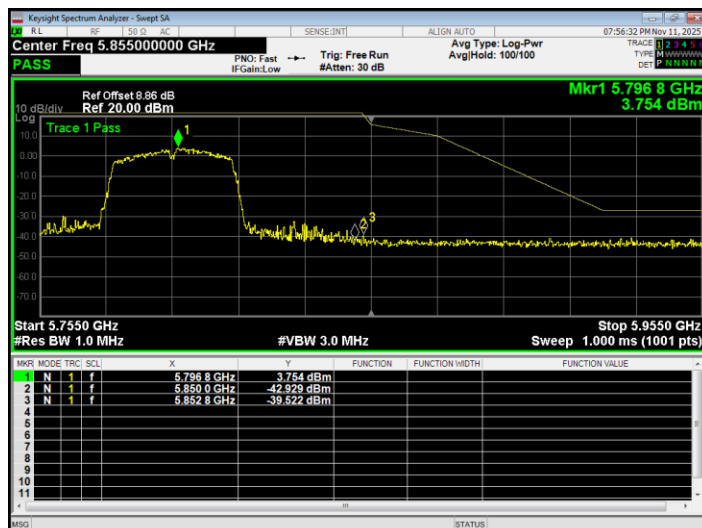


Shenzhen DL Testing Technology Co., Ltd.

Band Edge NVNT ac40 5755MHz Low Ant1



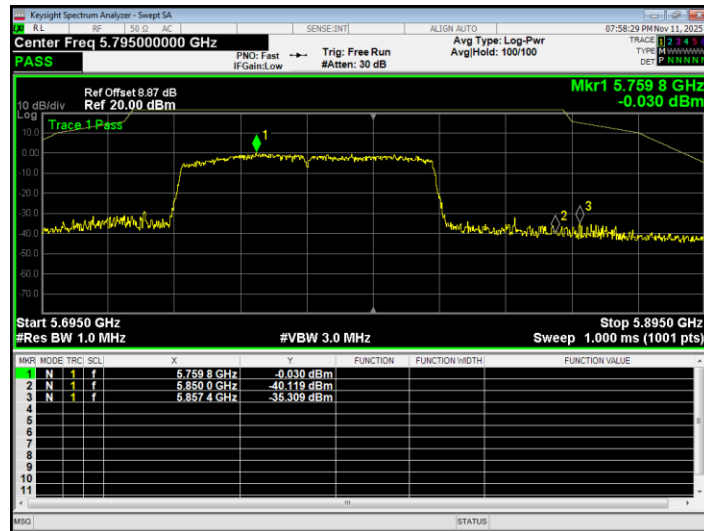
Band Edge NVNT ac40 5795MHz High Ant1





Shenzhen DL Testing Technology Co., Ltd.

Band Edge NVNT ac80 5775MHz High Ant1



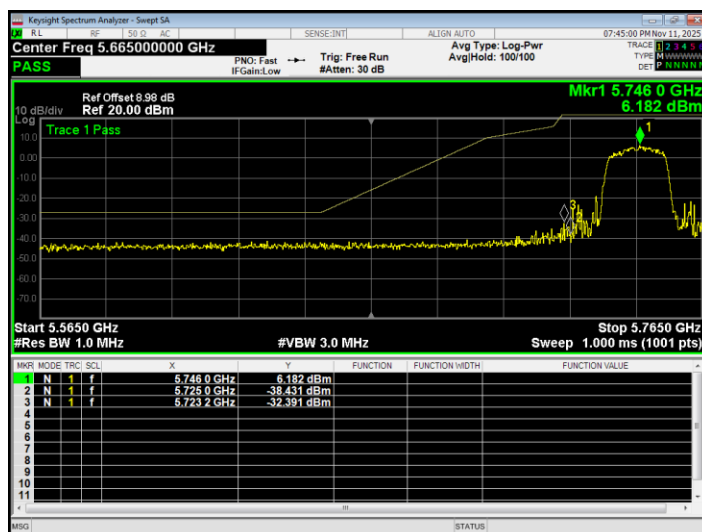
Band Edge NVNT ac80 5775MHz High Ant1





Shenzhen DL Testing Technology Co., Ltd.

Band Edge NVNT n20 5745MHz Low Ant1



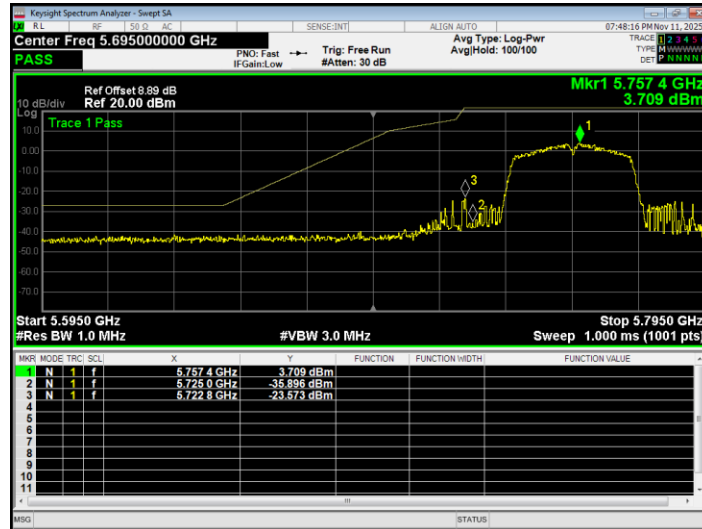
Band Edge NVNT n20 5825MHz High Ant1



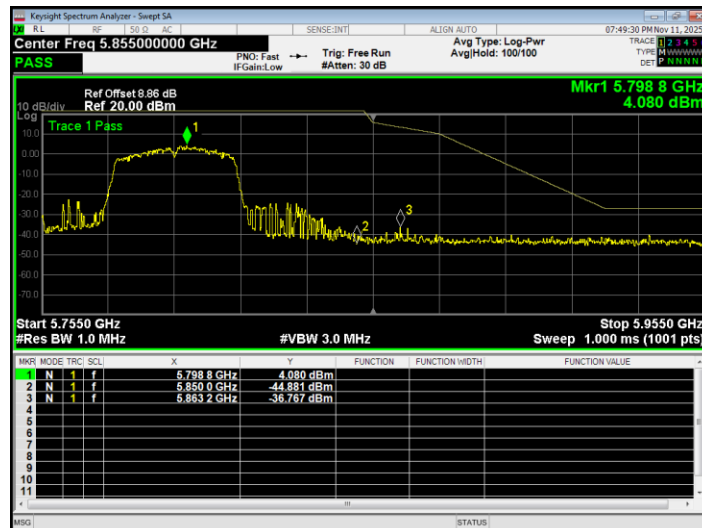


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Band Edge NVNT n40 5755MHz Low Ant1



Band Edge NVNT n40 5795MHz 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	5745	Ant1	7.494	0.87	8.364	30	Pass
NVNT	a	5785	Ant1	7.422	0.87	8.292	30	Pass
NVNT	a	5825	Ant1	7.911	0.87	8.781	30	Pass
NVNT	ac20	5745	Ant1	7.784	0.13	7.914	30	Pass
NVNT	ac20	5785	Ant1	7.565	0.13	7.695	30	Pass
NVNT	ac20	5825	Ant1	8.111	0.13	8.241	30	Pass
NVNT	ac40	5755	Ant1	8.22	0.32	8.54	30	Pass
NVNT	ac40	5795	Ant1	8.332	0.26	8.592	30	Pass
NVNT	ac80	5775	Ant1	7.836	0.5	8.336	30	Pass
NVNT	n20	5745	Ant1	7.909	0.13	8.039	30	Pass
NVNT	n20	5785	Ant1	7.619	0.13	7.749	30	Pass
NVNT	n20	5825	Ant1	8.1	0.16	8.26	30	Pass
NVNT	n40	5755	Ant1	8.073	0.26	8.333	30	Pass
NVNT	n40	5795	Ant1	8.169	0.26	8.429	30	Pass



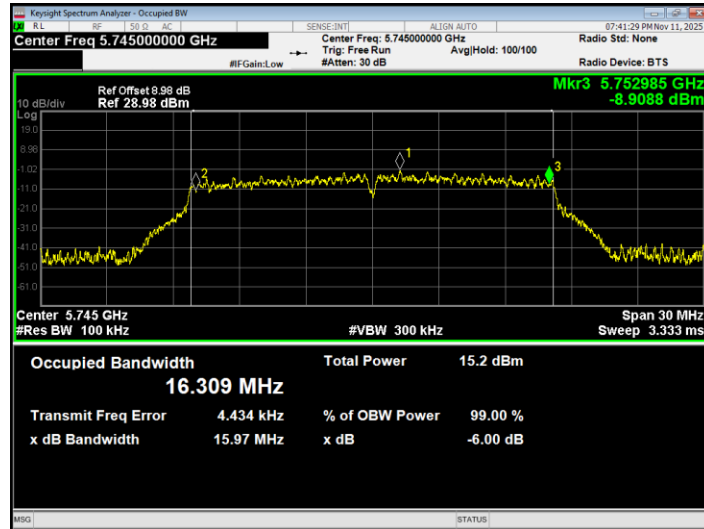
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.97	0.5	Pass
NVNT	a	5785	Ant1	15.74	0.5	Pass
NVNT	a	5825	Ant1	16.16	0.5	Pass
NVNT	ac20	5745	Ant1	16.31	0.5	Pass
NVNT	ac20	5785	Ant1	16.06	0.5	Pass
NVNT	ac20	5825	Ant1	14.38	0.5	Pass
NVNT	ac40	5755	Ant1	35	0.5	Pass
NVNT	ac40	5795	Ant1	33.82	0.5	Pass
NVNT	ac80	5775	Ant1	75.1	0.5	Pass
NVNT	n20	5745	Ant1	14.17	0.5	Pass
NVNT	n20	5785	Ant1	15.67	0.5	Pass
NVNT	n20	5825	Ant1	15.27	0.5	Pass
NVNT	n40	5755	Ant1	34.97	0.5	Pass
NVNT	n40	5795	Ant1	30.05	0.5	Pass

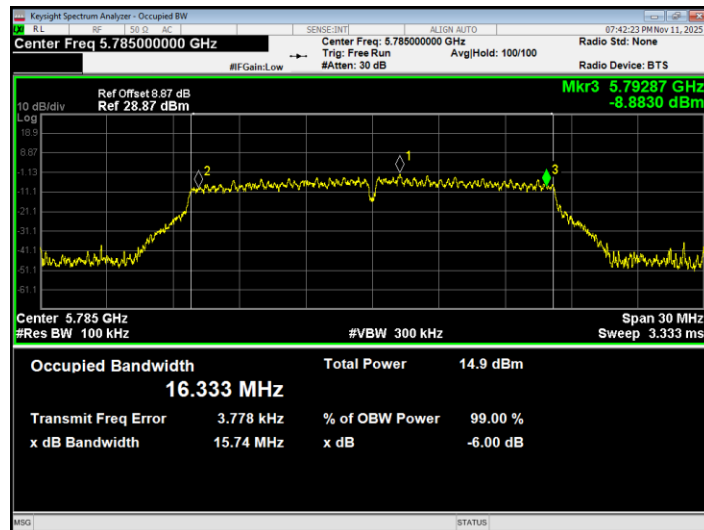


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-6dB Bandwidth NVNT a 5745MHz Ant1



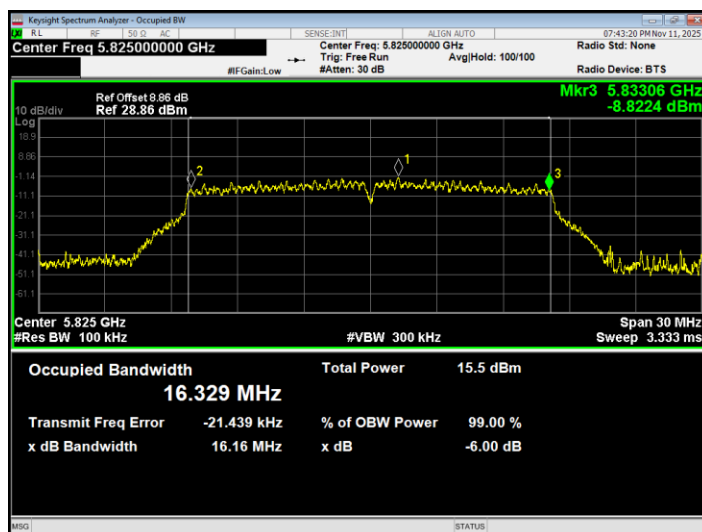
-6dB Bandwidth NVNT a 5785MHz Ant1



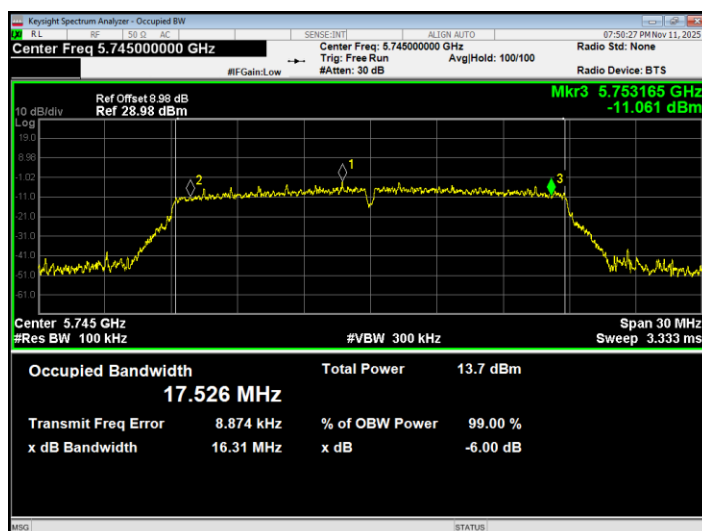


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-6dB Bandwidth NVNT a 5825MHz Ant1



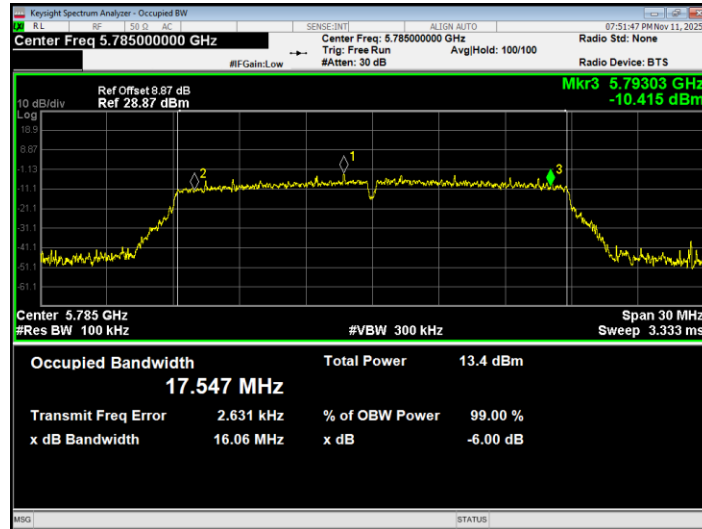
-6dB Bandwidth NVNT ac20 5745MHz Ant1



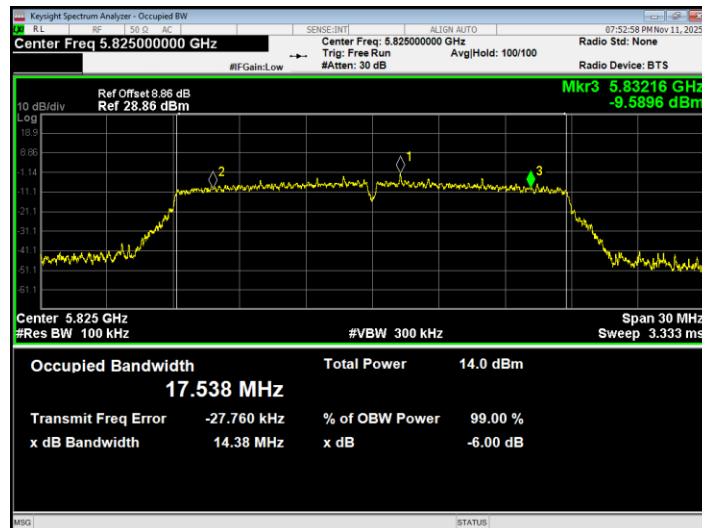


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-6dB Bandwidth NVNT ac20 5785MHz Ant1



-6dB Bandwidth NVNT ac20 5825MHz Ant1



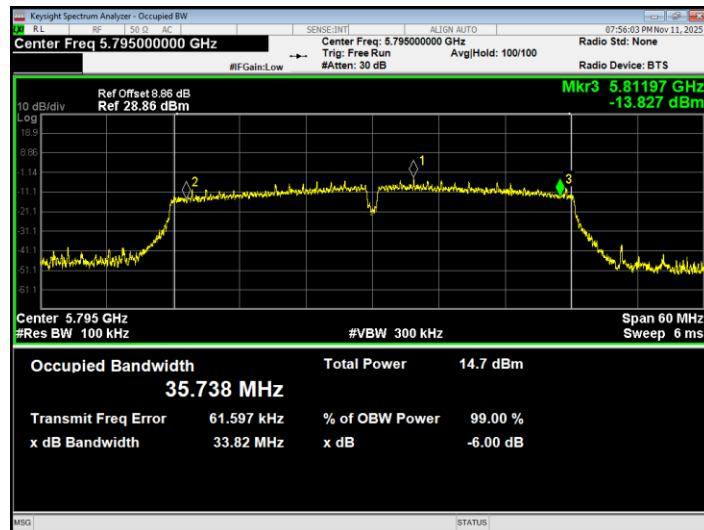


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-6dB Bandwidth NVNT ac40 5755MHz Ant1



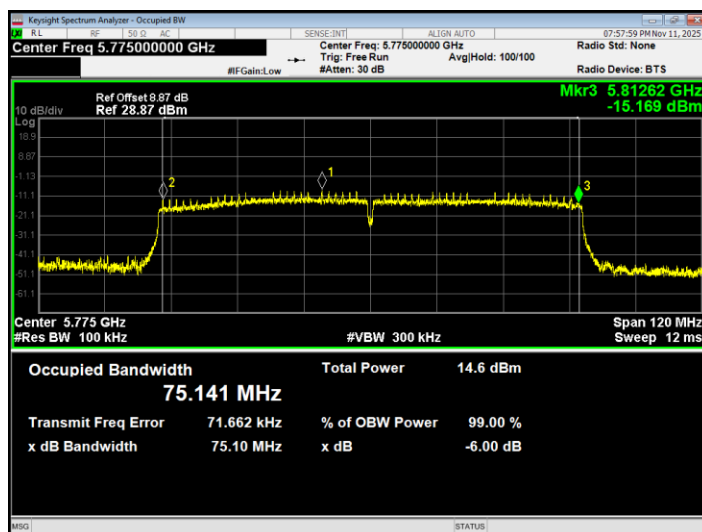
-6dB Bandwidth NVNT ac40 5795MHz Ant1



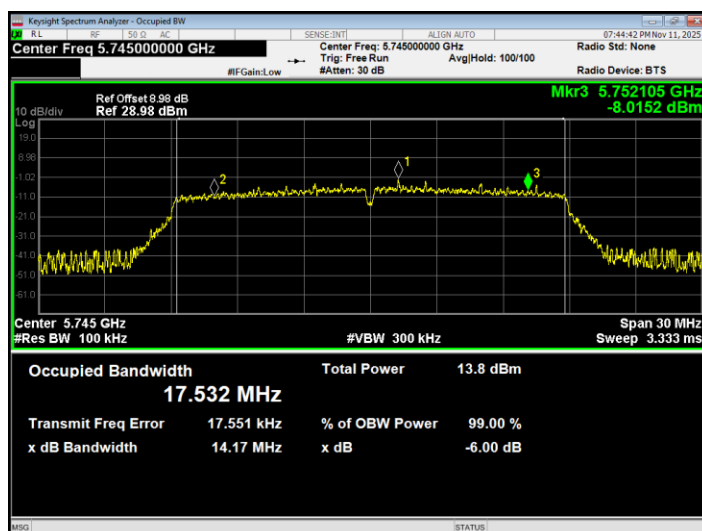


Shenzhen DL Testing Technology Co., Ltd.

-6dB Bandwidth NVNT ac80 5775MHz Ant1



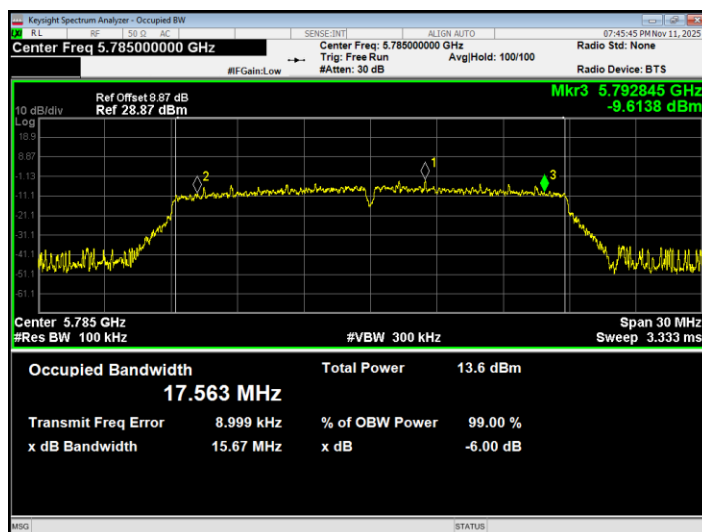
-6dB Bandwidth NVNT n20 5745MHz Ant1



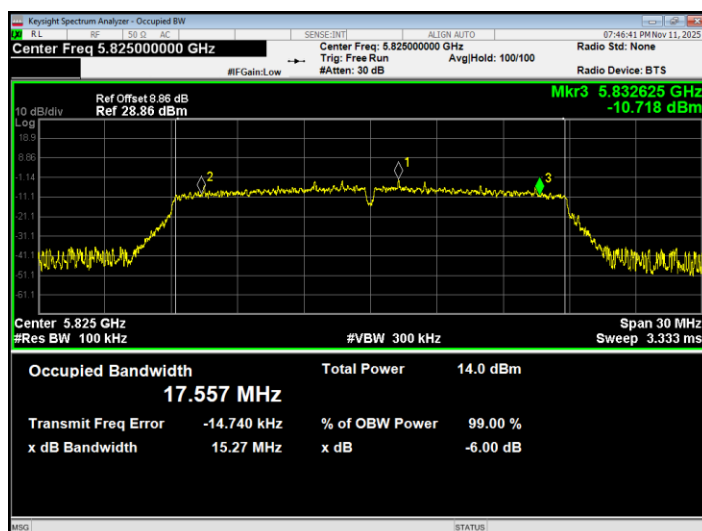


Shenzhen DL Testing Technology Co., Ltd.

-6dB Bandwidth NVNT n20 5785MHz Ant1



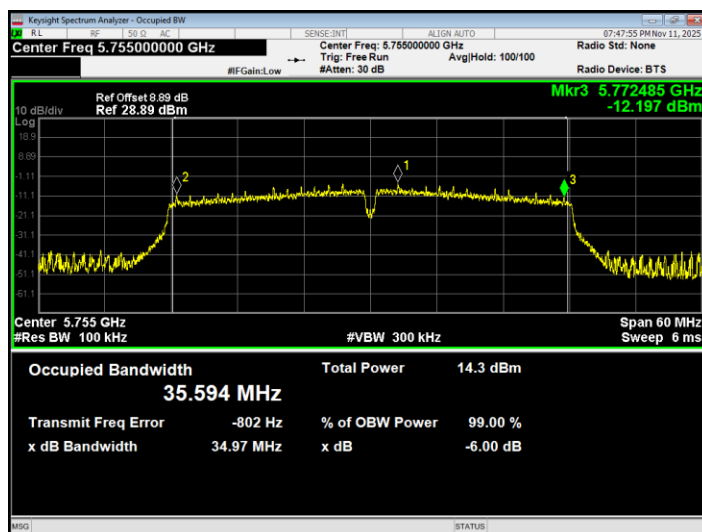
-6dB Bandwidth NVNT n20 5825MHz Ant1



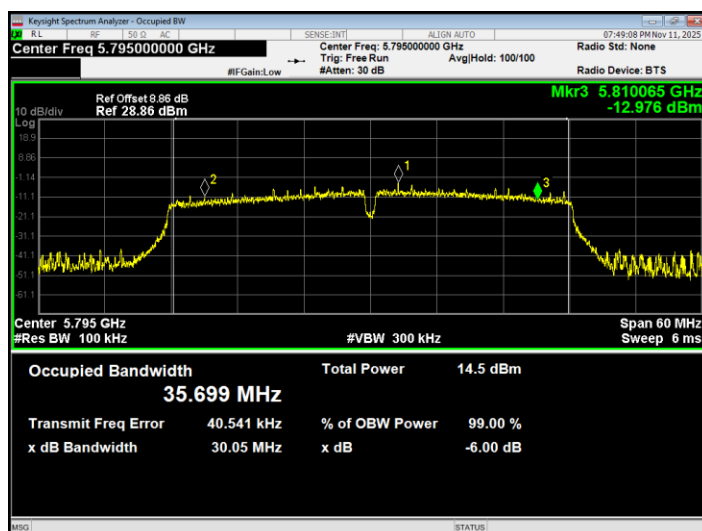


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-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1





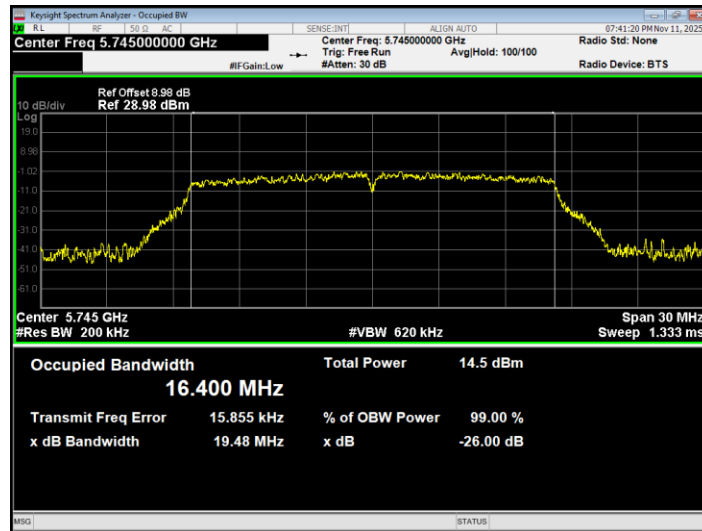
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.4
NVNT	a	5785	Ant1	16.377
NVNT	a	5825	Ant1	16.397
NVNT	ac20	5745	Ant1	17.562
NVNT	ac20	5785	Ant1	17.562
NVNT	ac20	5825	Ant1	17.568
NVNT	ac40	5755	Ant1	35.705
NVNT	ac40	5795	Ant1	35.81
NVNT	ac80	5775	Ant1	75.143
NVNT	n20	5745	Ant1	17.56
NVNT	n20	5785	Ant1	17.597
NVNT	n20	5825	Ant1	17.554
NVNT	n40	5755	Ant1	35.721
NVNT	n40	5795	Ant1	35.811

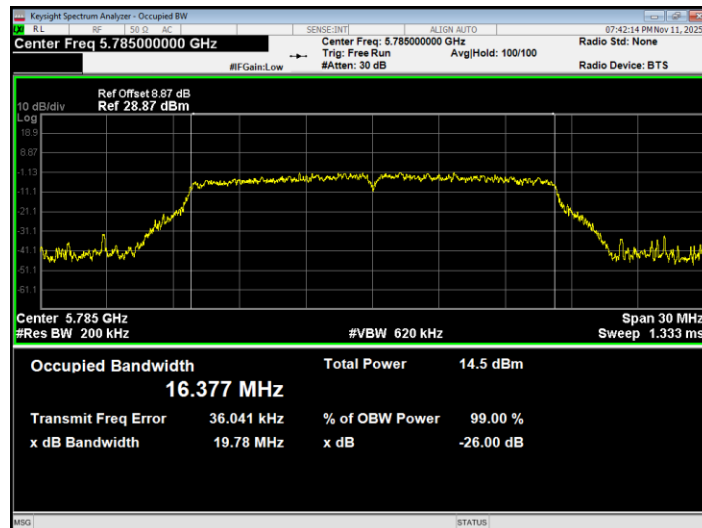


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OBW NVNT a 5745MHz Ant1



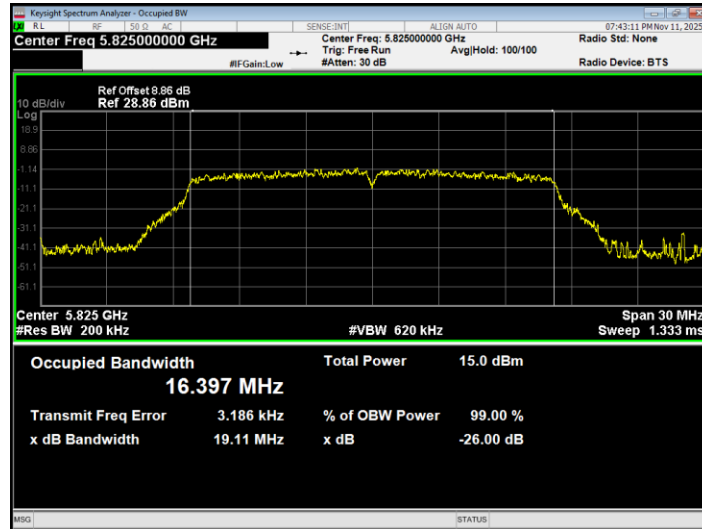
OBW NVNT a 5785MHz Ant1



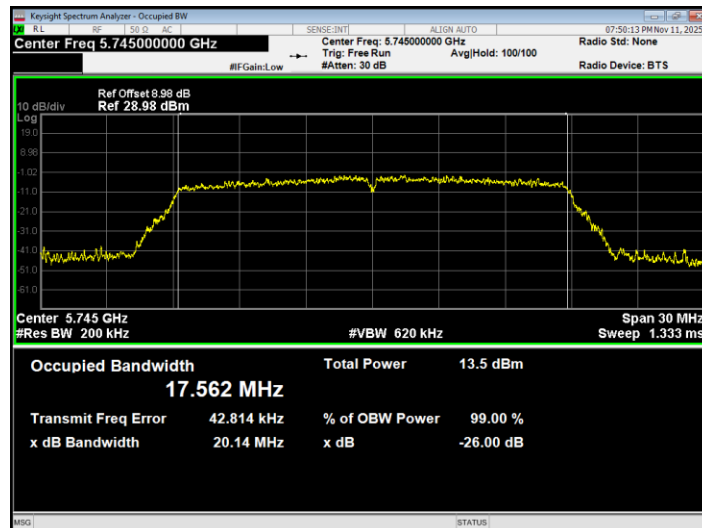


Shenzhen DL Testing Technology Co., Ltd.

OBW NVNT a 5825MHz Ant1



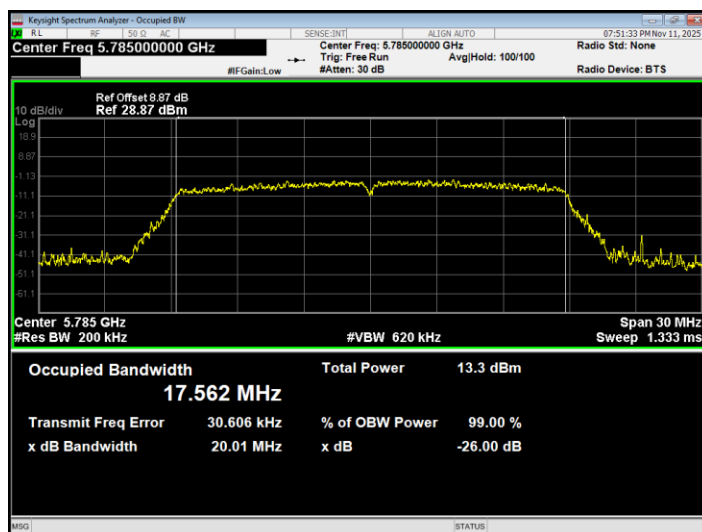
OBW NVNT ac20 5745MHz Ant1



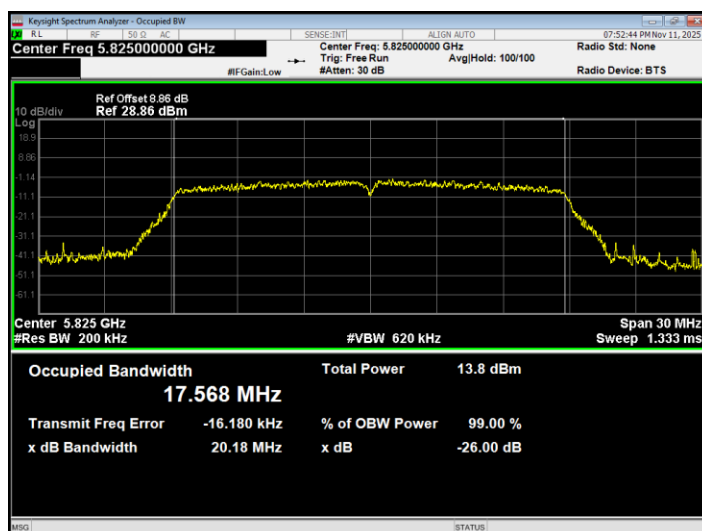


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OBW NVNT ac20 5785MHz Ant1



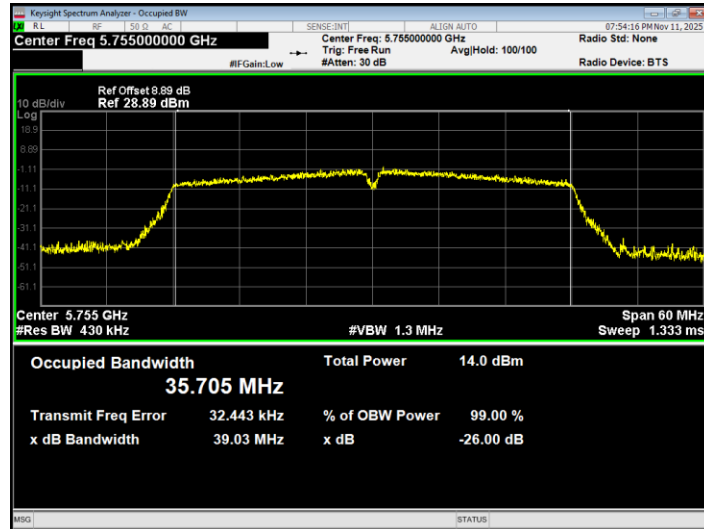
OBW NVNT ac20 5825MHz Ant1



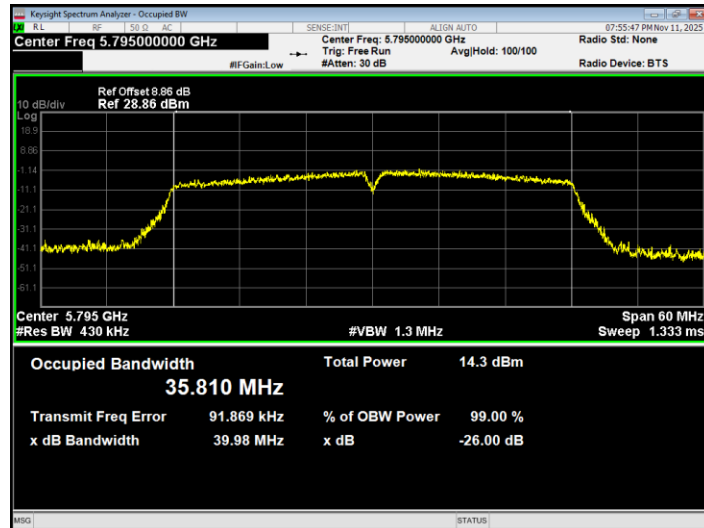


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OBW NVNT ac40 5755MHz Ant1



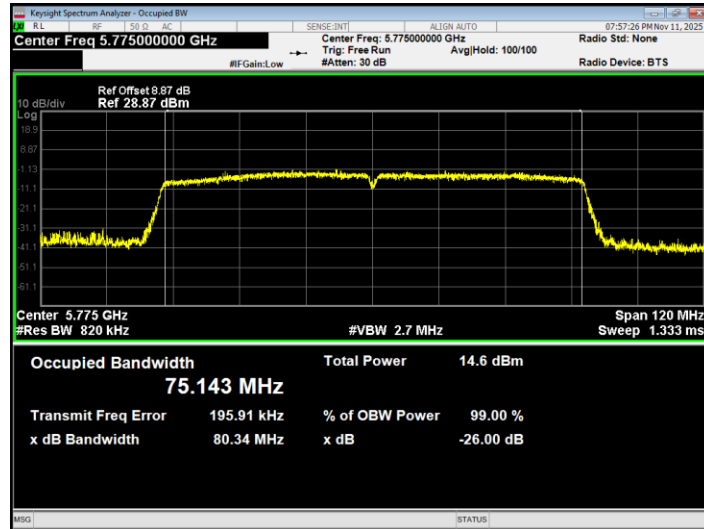
OBW NVNT ac40 5795MHz Ant1



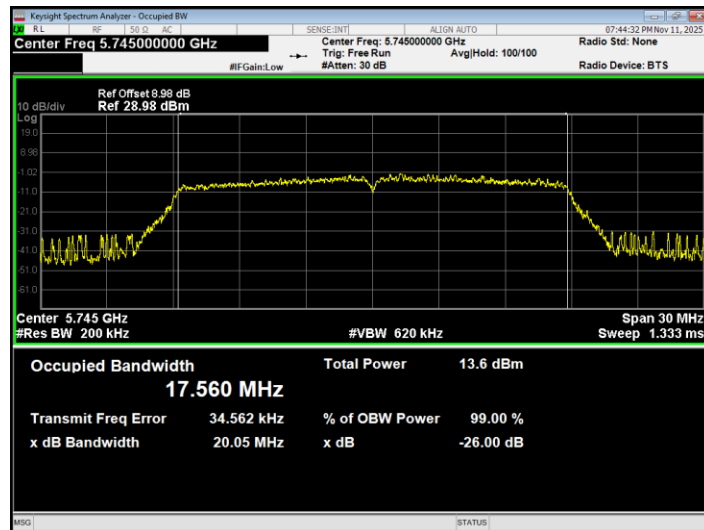


Shenzhen DL Testing Technology Co., Ltd.

OBW NVNT ac80 5775MHz Ant1



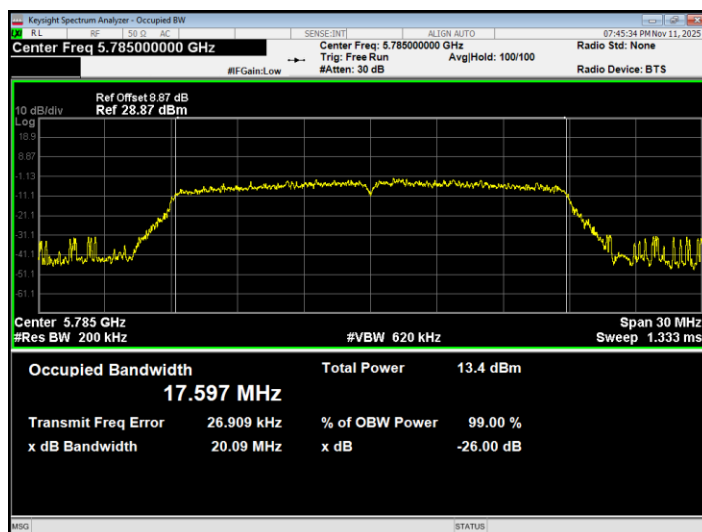
OBW NVNT n20 5745MHz Ant1



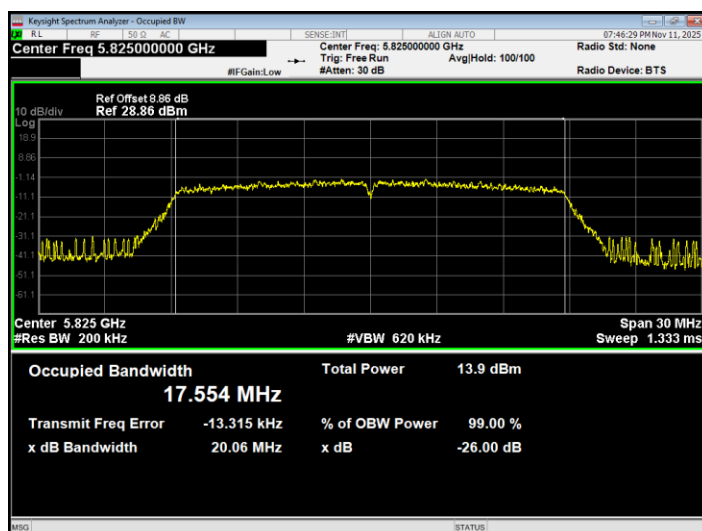


Shenzhen DL Testing Technology Co., Ltd.

OBW NVNT n20 5785MHz Ant1



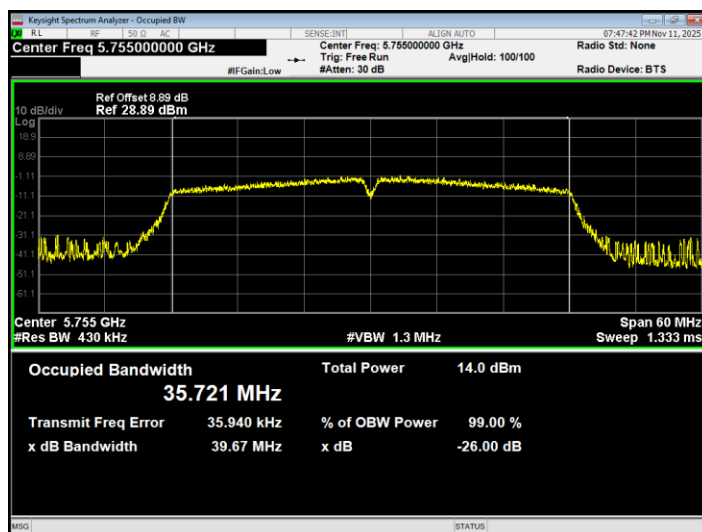
OBW NVNT n20 5825MHz Ant1



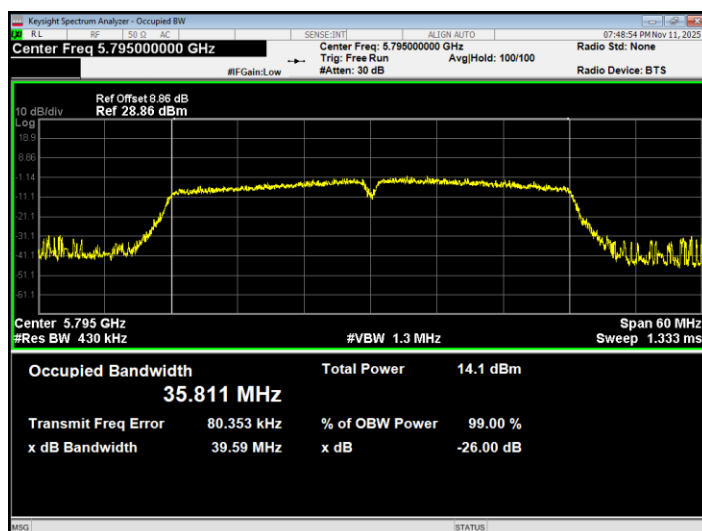


Shenzhen DL Testing Technology Co., Ltd.

OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1





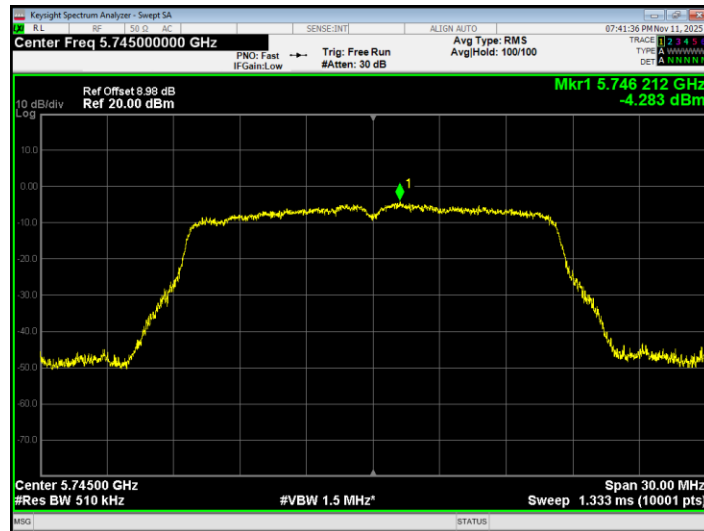
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-4.283	0.87	-3.413	30	Pass
NVNT	a	5785	Ant1	-5.027	0.87	-4.157	30	Pass
NVNT	a	5825	Ant1	-4.307	0.87	-3.437	30	Pass
NVNT	ac20	5745	Ant1	-4.965	0.13	-4.835	30	Pass
NVNT	ac20	5785	Ant1	-5.14	0.13	-5.01	30	Pass
NVNT	ac20	5825	Ant1	-4.077	0.13	-3.947	30	Pass
NVNT	ac40	5755	Ant1	-6.504	0.32	-6.184	30	Pass
NVNT	ac40	5795	Ant1	-6.6	0.26	-6.34	30	Pass
NVNT	ac80	5775	Ant1	-11.284	0.5	-10.784	30	Pass
NVNT	n20	5745	Ant1	-4.949	0.13	-4.819	30	Pass
NVNT	n20	5785	Ant1	-5.102	0.13	-4.972	30	Pass
NVNT	n20	5825	Ant1	-4.393	0.16	-4.233	30	Pass
NVNT	n40	5755	Ant1	-6.844	0.26	-6.584	30	Pass
NVNT	n40	5795	Ant1	-6.894	0.26	-6.634	30	Pass

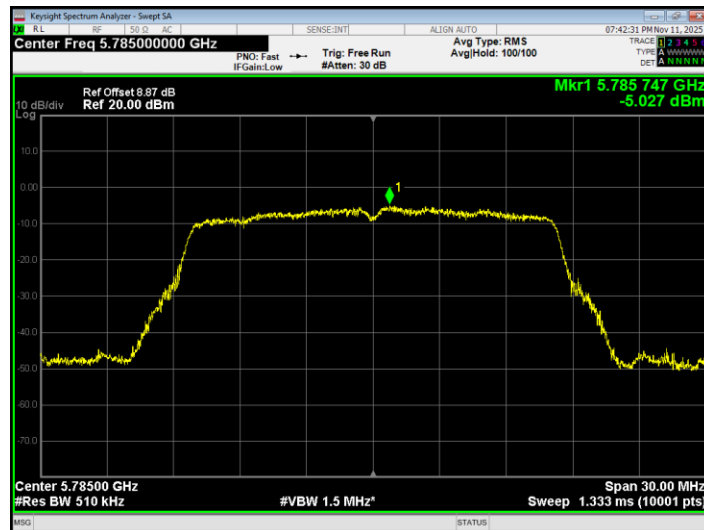


Shenzhen DL Testing Technology Co., Ltd.

PSD NVNT a 5745MHz Ant1



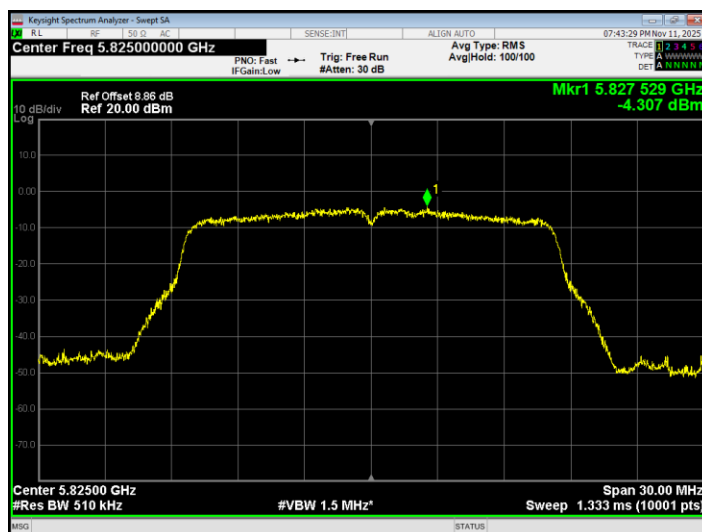
PSD NVNT a 5785MHz Ant1



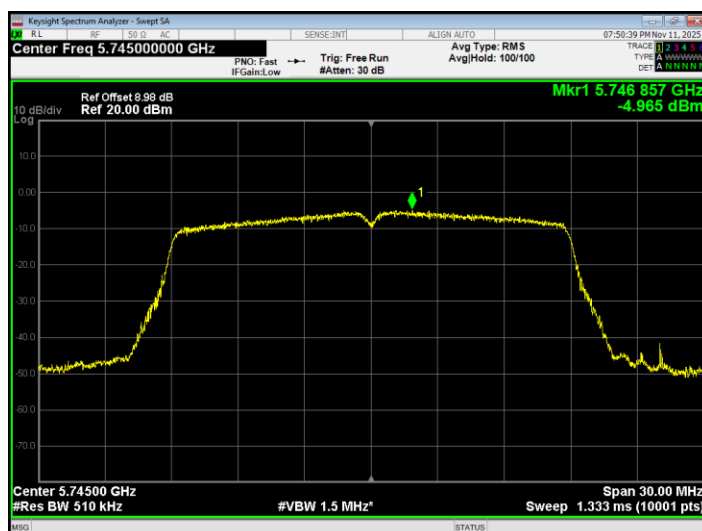


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PSD NVNT a 5825MHz Ant1



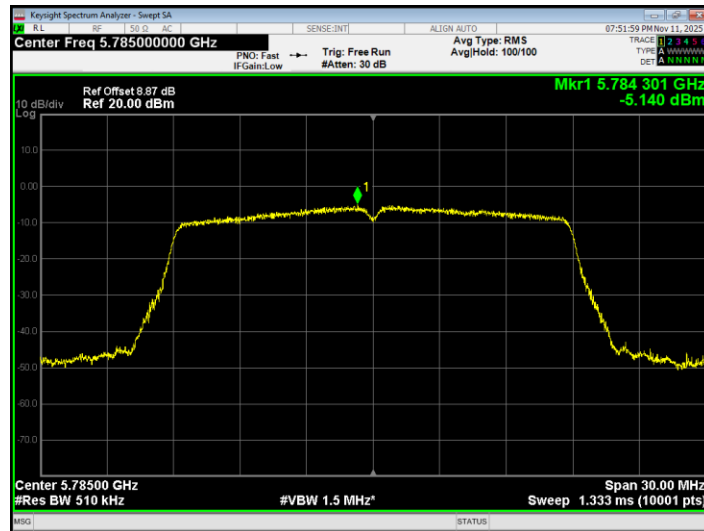
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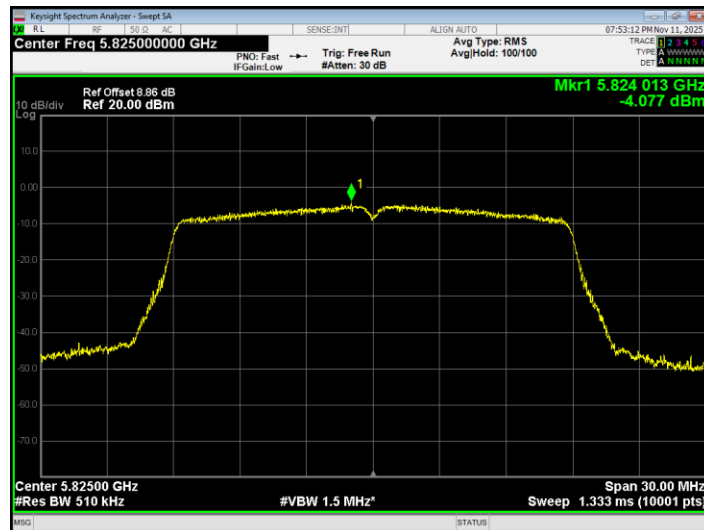


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PSD NVNT ac20 5785MHz Ant1



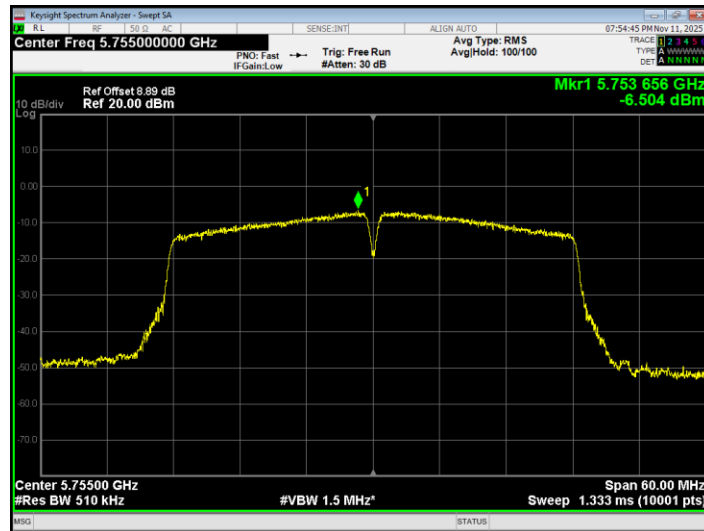
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PSD NVNT ac40 5755MHz Ant1



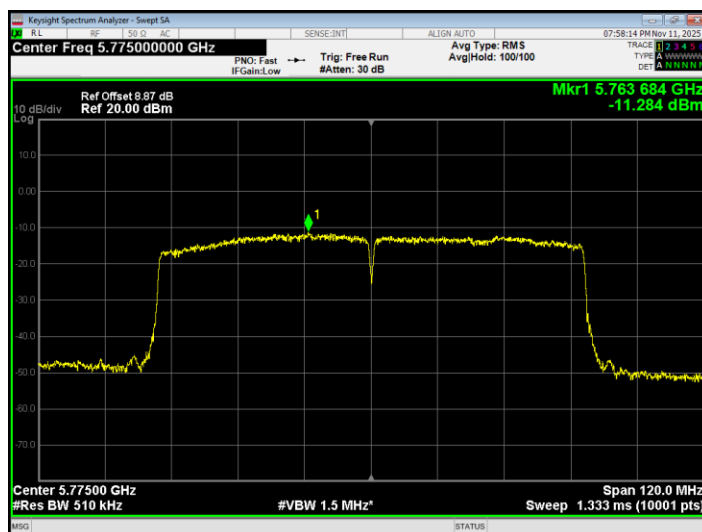
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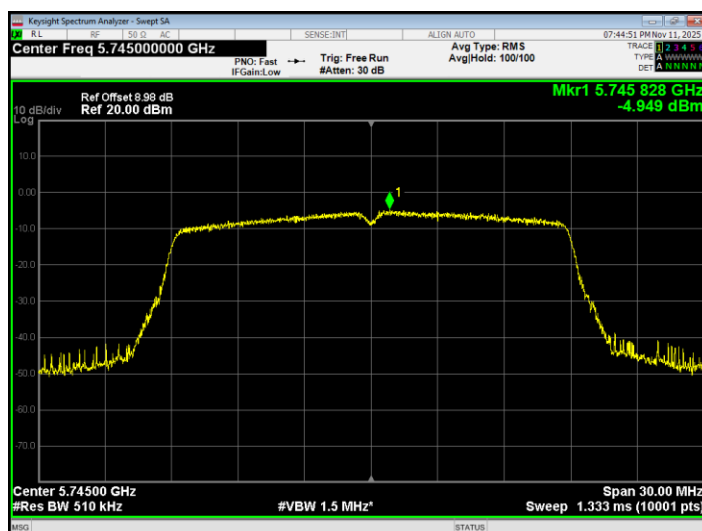


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PSD NVNT ac80 5775MHz Ant1



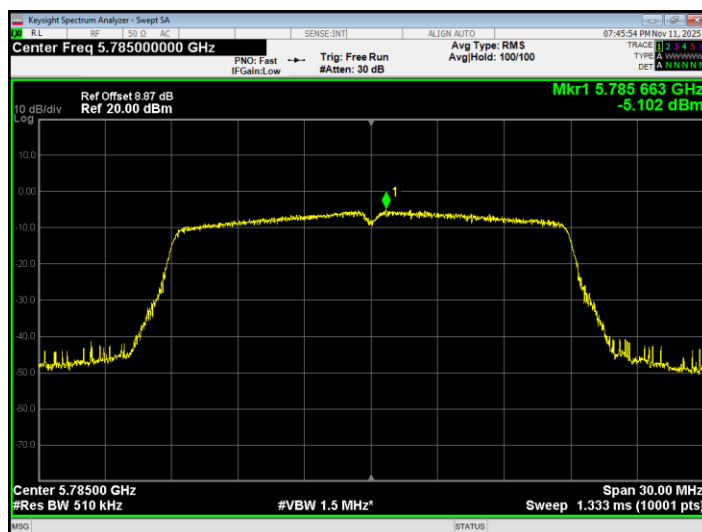
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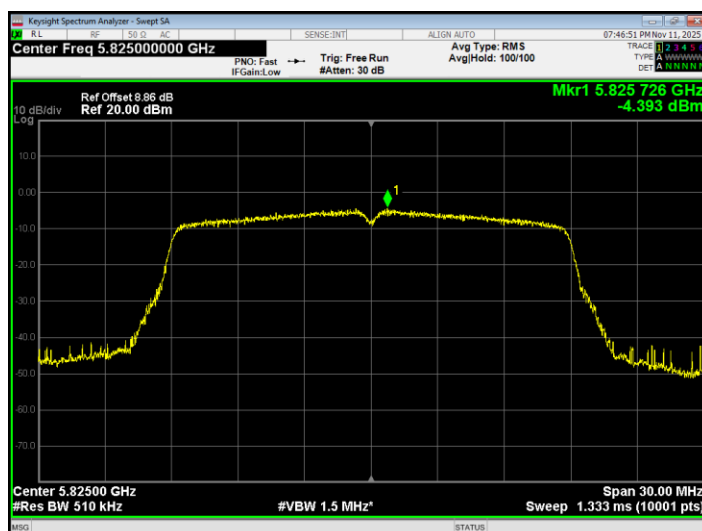


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PSD NVNT n20 5785MHz Ant1



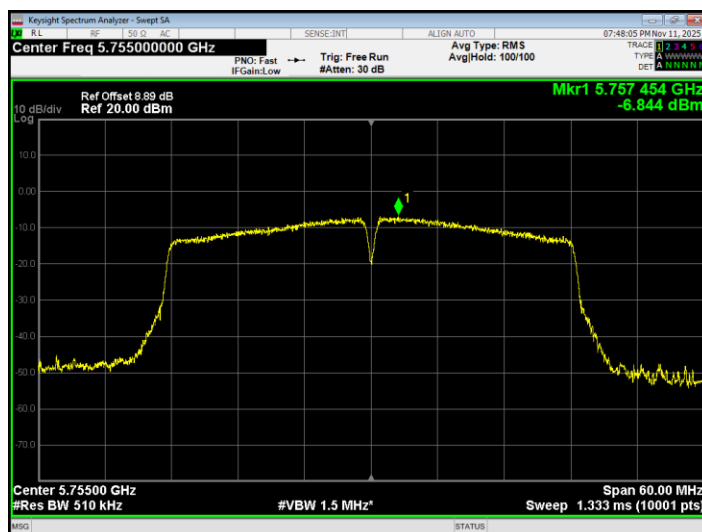
PSD NVNT n20 5825MHz Ant1





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PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1

