



Shenzhen DL Testing Technology Co., Ltd.

Appendix 1

FCC Test Report

FCC ID: 2BVL9-BY-2401A

Applicant: Shenzhen Boyuan Technology Co., LTD

Address: Room 710, Baoyunda R&D Complex Building, Fuhua Community, Xixiang Sub-district, Bao'an District, Shenzhen City

Manufacturer: Shenzhen Boyuan Technology Co., LTD

Address: Room 710, Baoyunda R&D Complex Building, Fuhua Community, Xixiang Sub-district, Bao'an District, Shenzhen City

Product Name: Smart Tablet

Trade Mark: N/A

Model Number: BY-2401A, BY-2501A, BY-2501P, BY-2501F, BY-2501R, M5-2401A, M5-2501A, A8-2401A, A8-2501A

Date of Receipt: Jan. 05, 2026

Test Date: Jan. 05, 2026 - Jan. 31, 2026

Date of Report: Jan. 31, 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



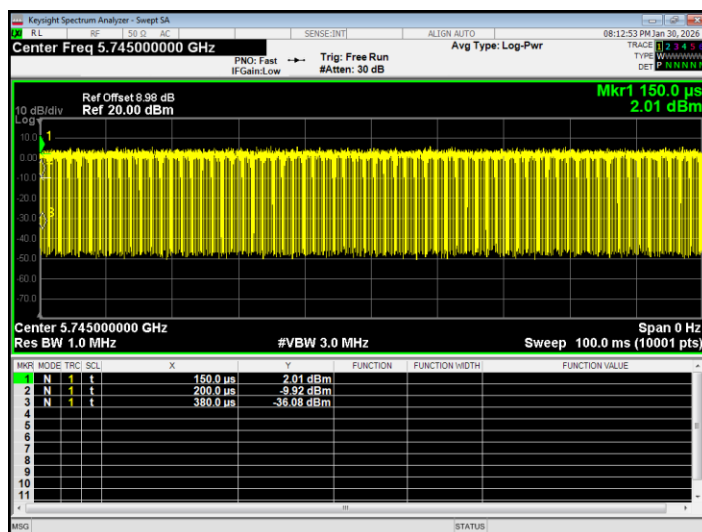
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	78.26	1.06
NVNT	a	5785	Ant1	81.82	0.87
NVNT	a	5825	Ant1	81.82	0.87
NVNT	ac20	5745	Ant1	97.06	0.13
NVNT	ac20	5785	Ant1	96.32	0.16
NVNT	ac20	5825	Ant1	97.04	0.13
NVNT	ac40	5755	Ant1	94.2	0.26
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	92.86	0.32
NVNT	n40	5795	Ant1	92.86	0.32

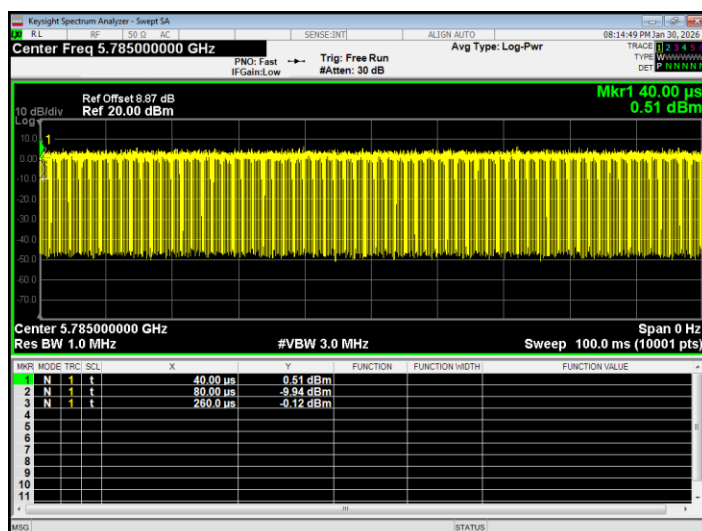


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Duty Cycle NVNT a 5745MHz Ant1



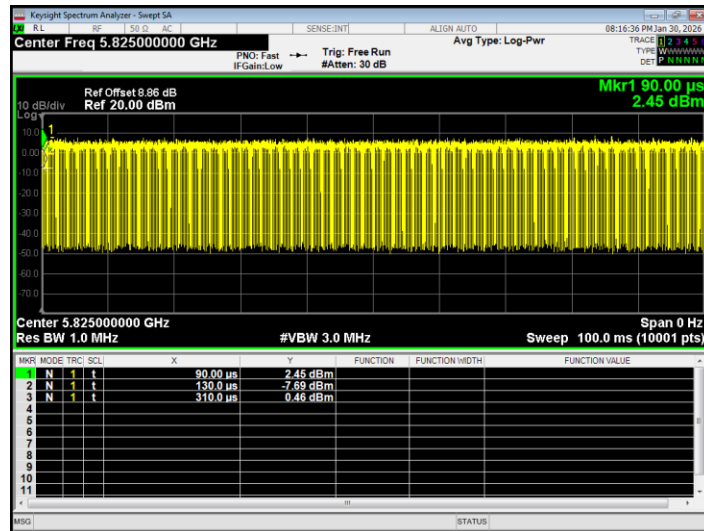
Duty Cycle NVNT a 5785MHz Ant1



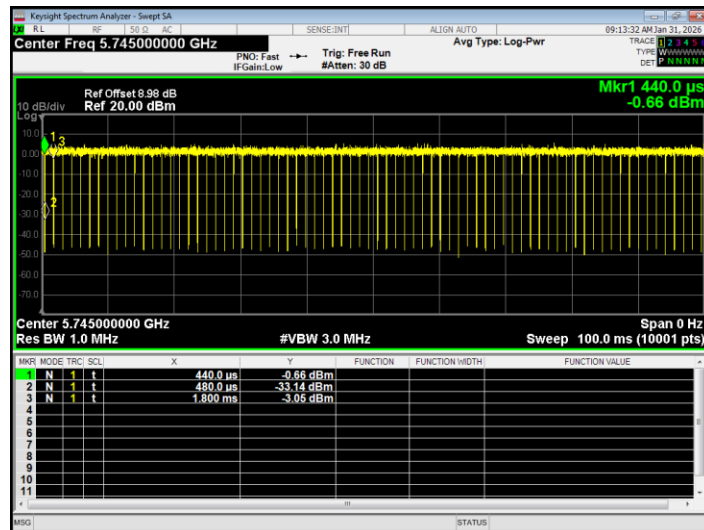


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Duty Cycle NVNT a 5825MHz Ant1



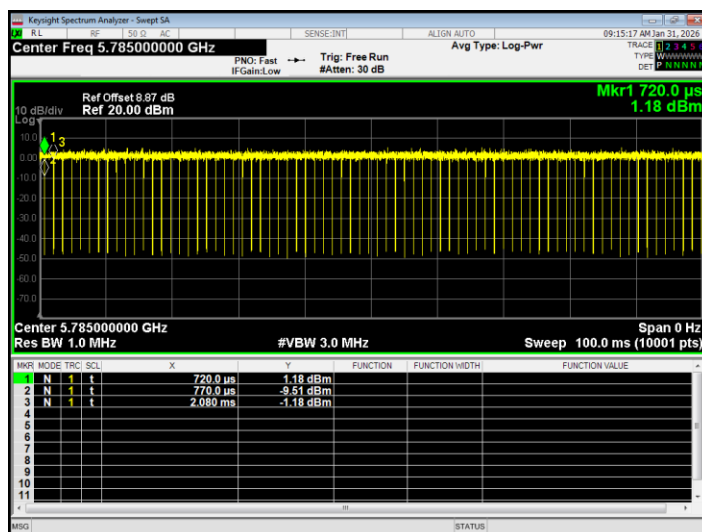
Duty Cycle NVNT ac20 5745MHz Ant1



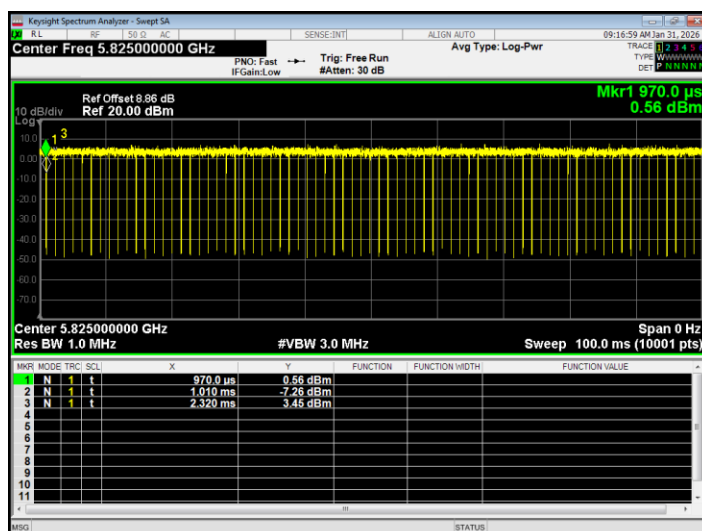


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Duty Cycle NVNT ac20 5785MHz Ant1



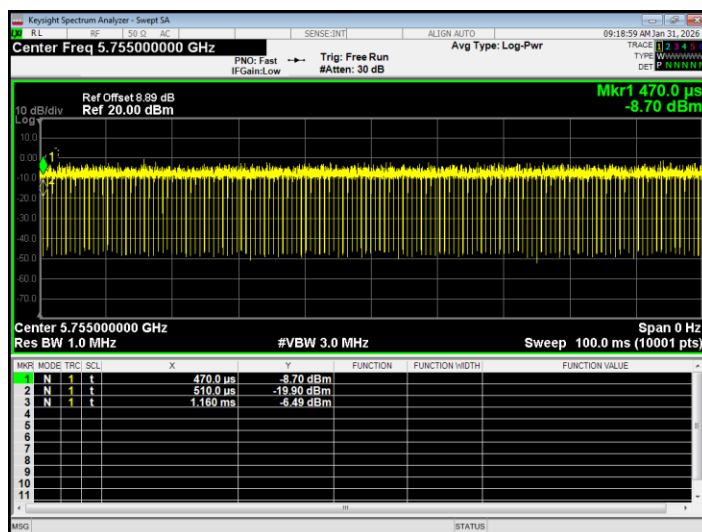
Duty Cycle NVNT ac20 5825MHz Ant1



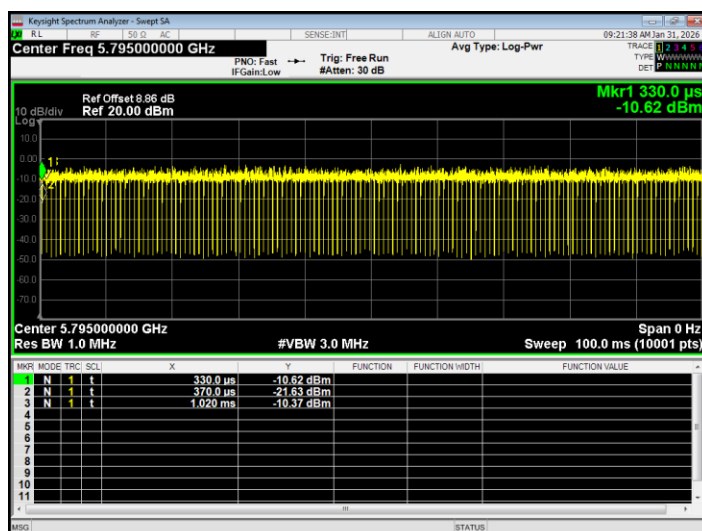


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Duty Cycle NVNT ac40 5755MHz Ant1



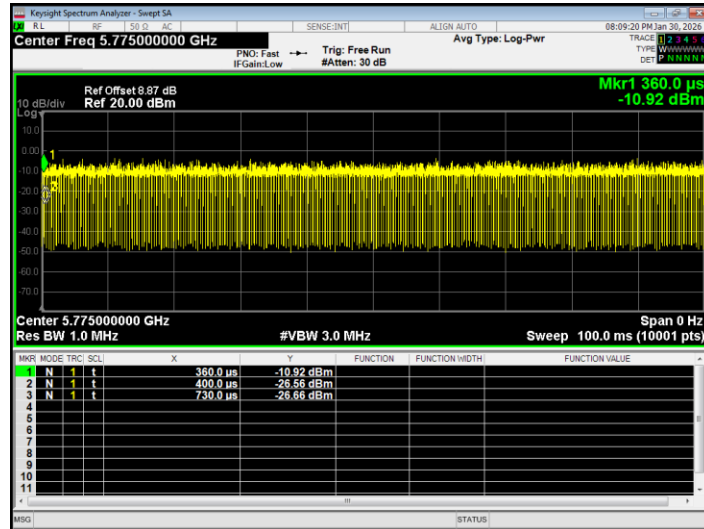
Duty Cycle NVNT ac40 5795MHz Ant1



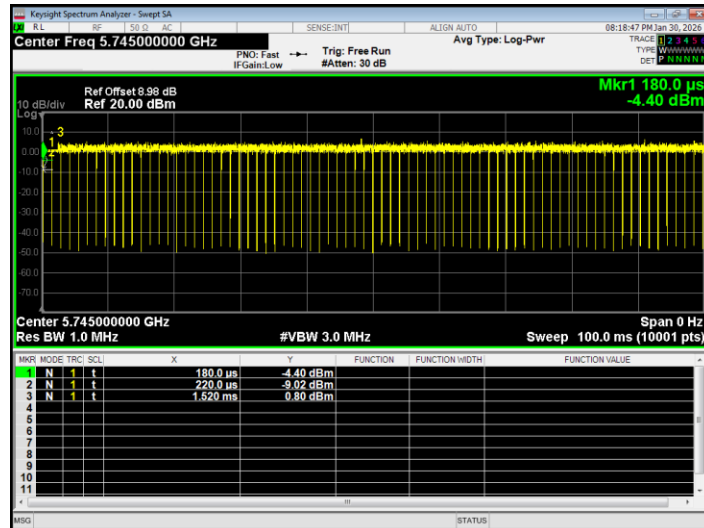


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Duty Cycle NVNT ac80 5775MHz Ant1



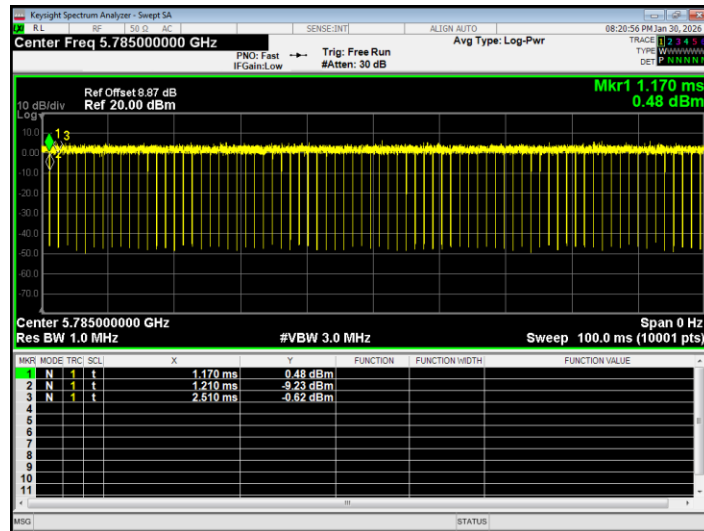
Duty Cycle NVNT n20 5745MHz Ant1



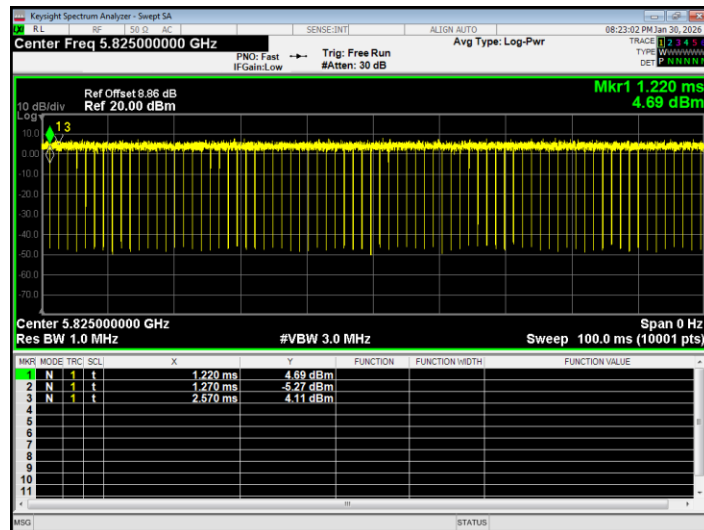


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Duty Cycle NVNT n20 5785MHz Ant1



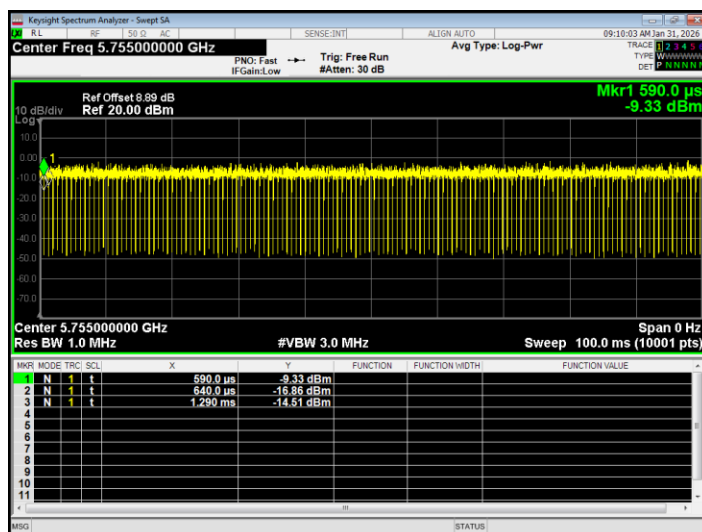
Duty Cycle NVNT n20 5825MHz Ant1



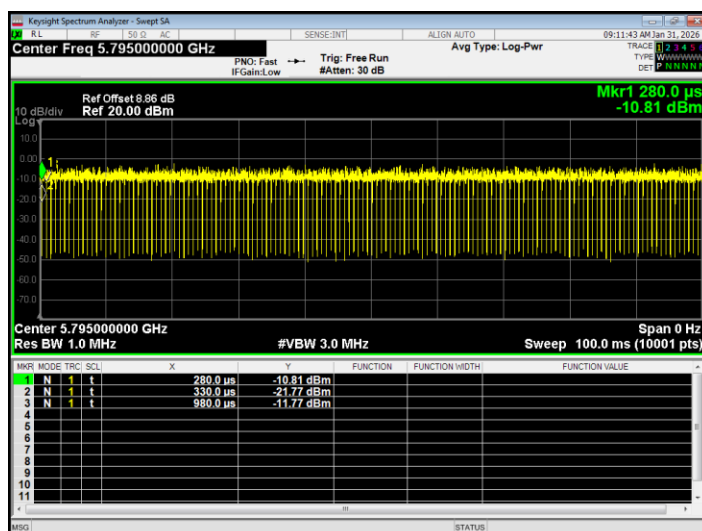


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Duty Cycle NVNT n40 5755MHz Ant1



Duty Cycle NVNT n40 5795MHz Ant1





Conducted Band Edge

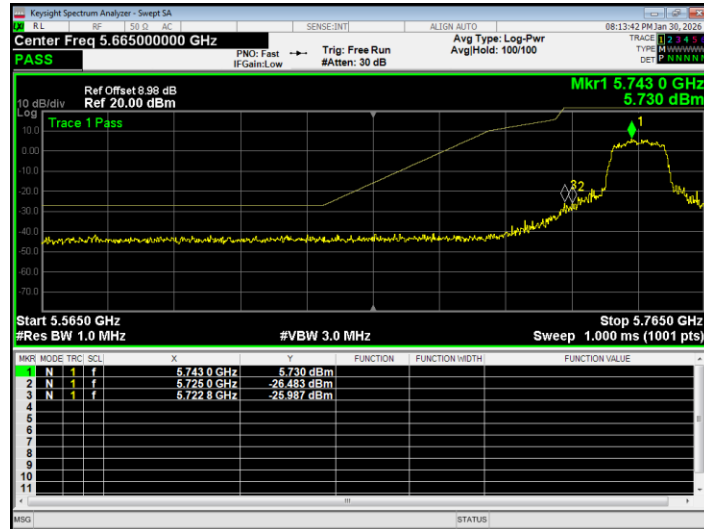
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-25.98	15.6	Pass
NVNT	a	5825	Ant1	-30.7	15.6	Pass
NVNT	ac20	5745	Ant1	-24.12	15.6	Pass
NVNT	ac20	5825	Ant1	-29.21	15.1	Pass
NVNT	ac40	5755	Ant1	-32.82	12.1	Pass
NVNT	ac40	5795	Ant1	-40.01	14.8	Pass
NVNT	ac80	5775	Ant1	-26.93	12.3	Pass
NVNT	n20	5745	Ant1	-20.82	15.6	Pass
NVNT	n20	5825	Ant1	-27.95	15.6	Pass
NVNT	n40	5755	Ant1	-23.02	15.6	Pass
NVNT	n40	5795	Ant1	-38.39	10.3	Pass

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

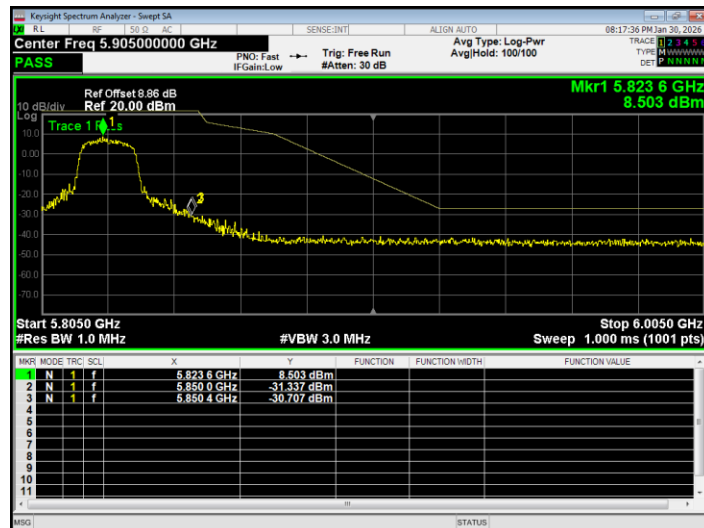


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Band Edge NVNT a 5745MHz Low Ant1



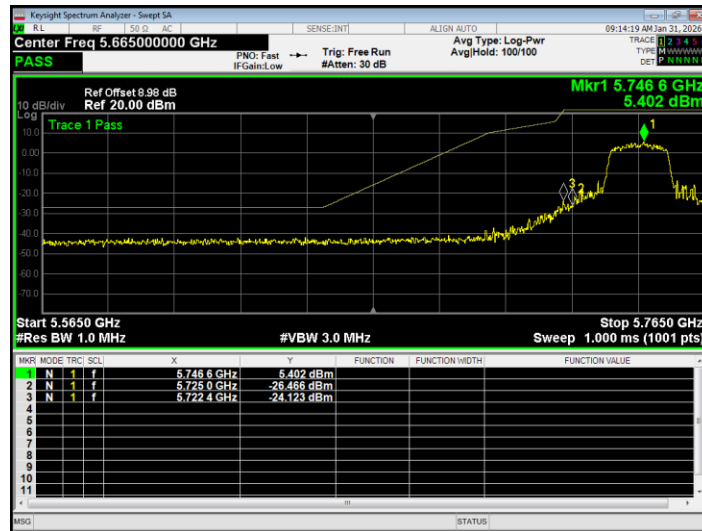
Band Edge NVNT a 5825MHz High Ant1



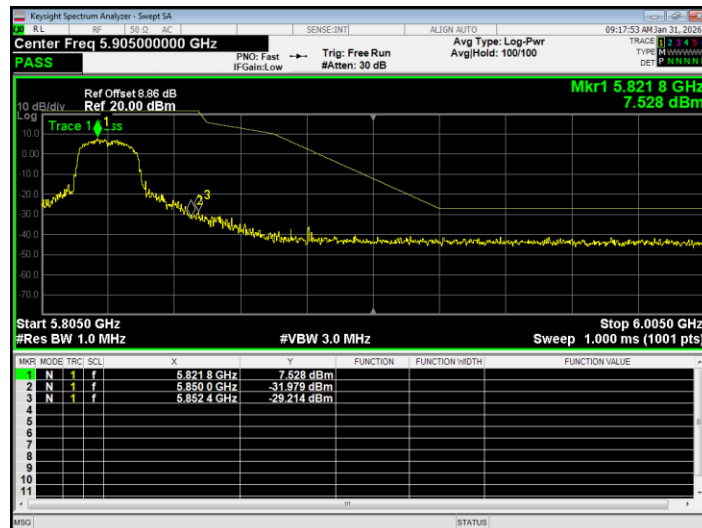


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Band Edge NVNT ac20 5745MHz Low Ant1



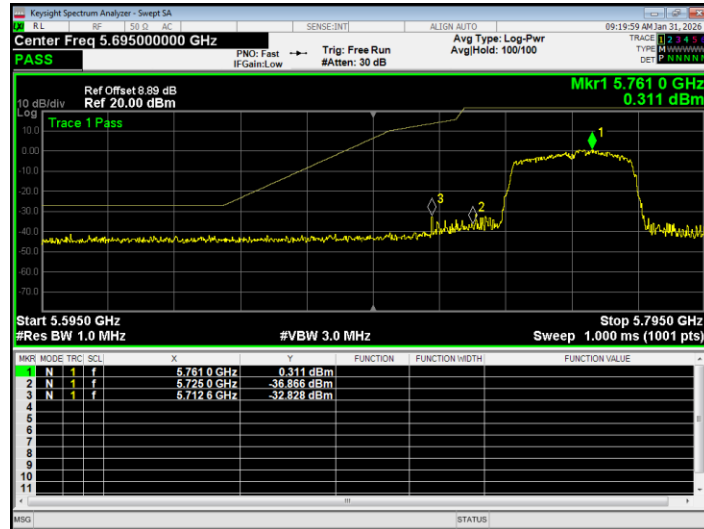
Band Edge NVNT ac20 5825MHz High Ant1



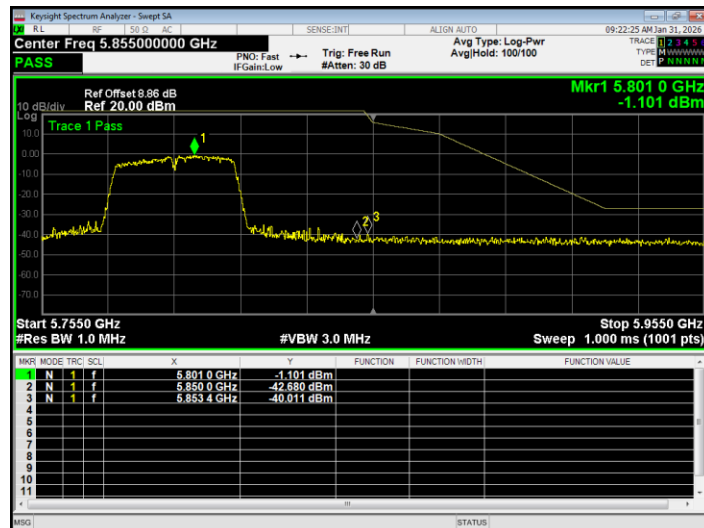


Shenzhen DL Testing Technology Co., Ltd.

Band Edge NVNT ac40 5755MHz Low Ant1



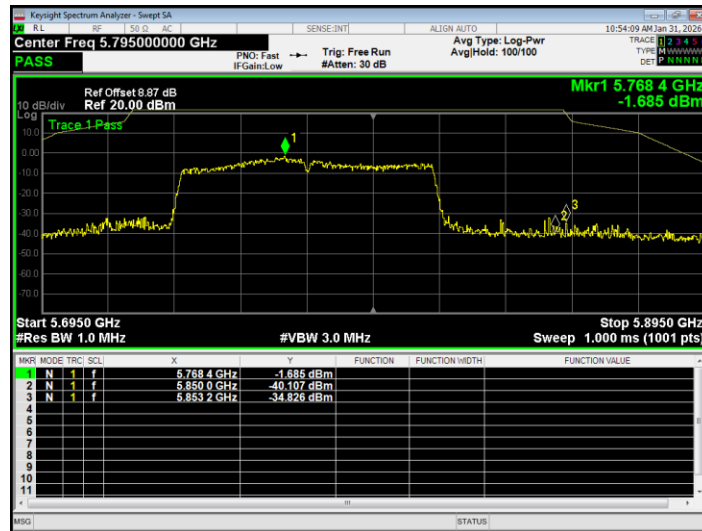
Band Edge NVNT ac40 5795MHz High Ant1



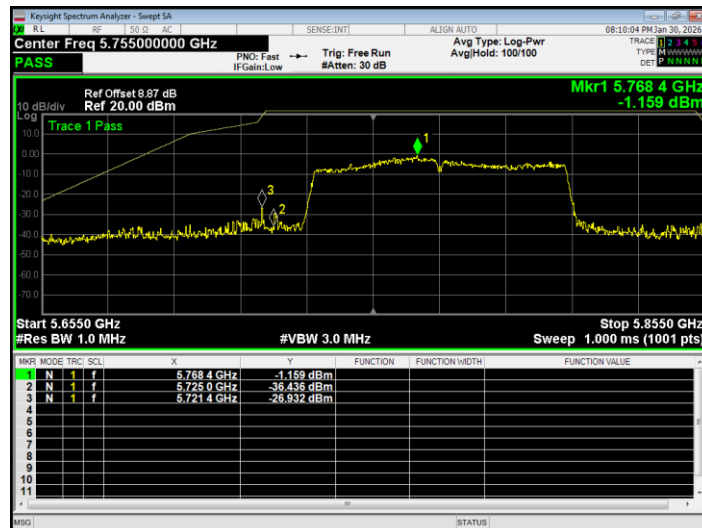


Shenzhen DL Testing Technology Co., Ltd.

Band Edge NVNT ac80 5775MHz High Ant1



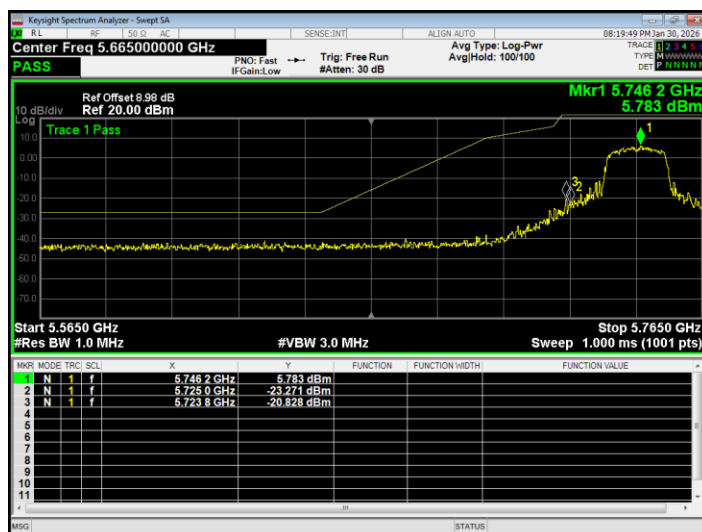
Band Edge NVNT ac80 5775MHz High Ant1





Shenzhen DL Testing Technology Co., Ltd.

Band Edge NVNT n20 5745MHz Low Ant1



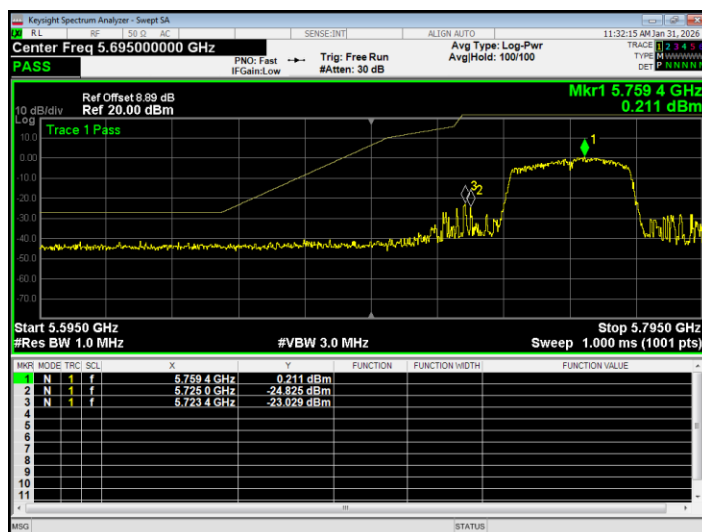
Band Edge NVNT n20 5825MHz High Ant1



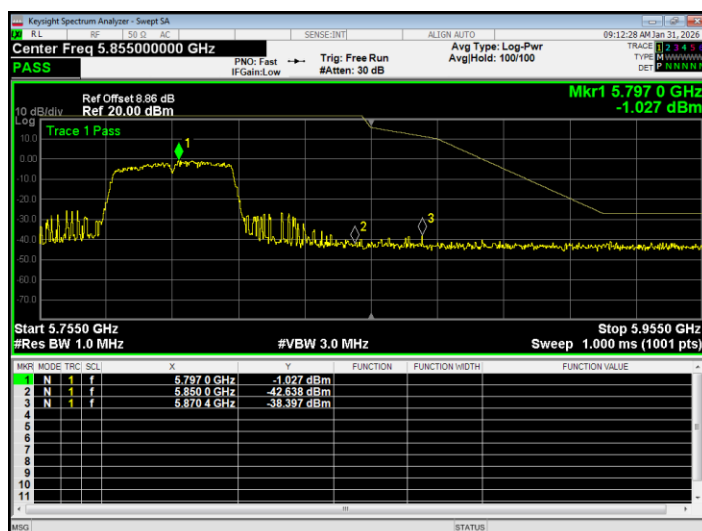


Shenzhen DL Testing Technology Co., Ltd.

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	6.763	1.06	7.823	30	Pass
NVNT	a	5785	Ant1	6.531	0.87	7.401	30	Pass
NVNT	a	5825	Ant1	8.741	0.87	9.611	30	Pass
NVNT	ac20	5745	Ant1	7.492	0.13	7.622	30	Pass
NVNT	ac20	5785	Ant1	7.425	0.16	7.585	30	Pass
NVNT	ac20	5825	Ant1	9.687	0.13	9.817	30	Pass
NVNT	ac40	5755	Ant1	4.943	0.26	5.203	30	Pass
NVNT	ac40	5795	Ant1	4.58	0.26	4.84	30	Pass
NVNT	ac80	5775	Ant1	5.166	0.5	5.666	30	Pass
NVNT	n20	5745	Ant1	8.23	0.13	8.36	30	Pass
NVNT	n20	5785	Ant1	8.013	0.13	8.143	30	Pass
NVNT	n20	5825	Ant1	10.045	0.16	10.205	30	Pass
NVNT	n40	5755	Ant1	4.666	0.32	4.986	30	Pass
NVNT	n40	5795	Ant1	4.445	0.32	4.765	30	Pass



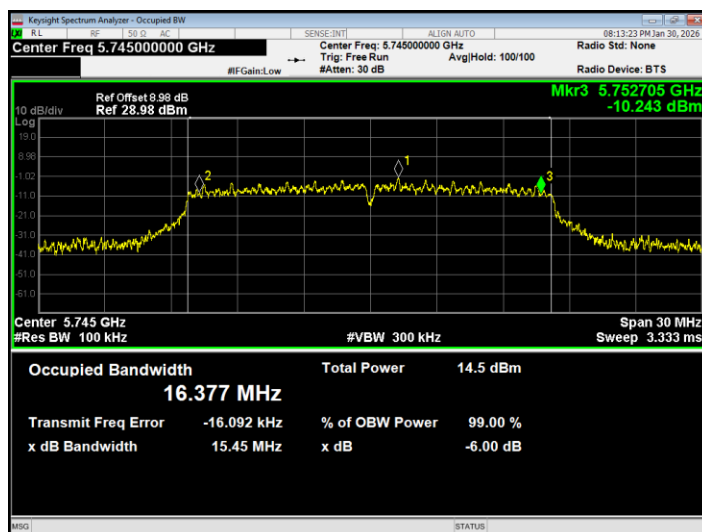
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.45	0.5	Pass
NVNT	a	5785	Ant1	15.74	0.5	Pass
NVNT	a	5825	Ant1	15.69	0.5	Pass
NVNT	ac20	5745	Ant1	15.04	0.5	Pass
NVNT	ac20	5785	Ant1	15.11	0.5	Pass
NVNT	ac20	5825	Ant1	13.73	0.5	Pass
NVNT	ac40	5755	Ant1	32.55	0.5	Pass
NVNT	ac40	5795	Ant1	35.69	0.5	Pass
NVNT	ac80	5775	Ant1	73.86	0.5	Pass
NVNT	n20	5745	Ant1	15	0.5	Pass
NVNT	n20	5785	Ant1	15.94	0.5	Pass
NVNT	n20	5825	Ant1	15.03	0.5	Pass
NVNT	n40	5755	Ant1	35.05	0.5	Pass
NVNT	n40	5795	Ant1	35.12	0.5	Pass

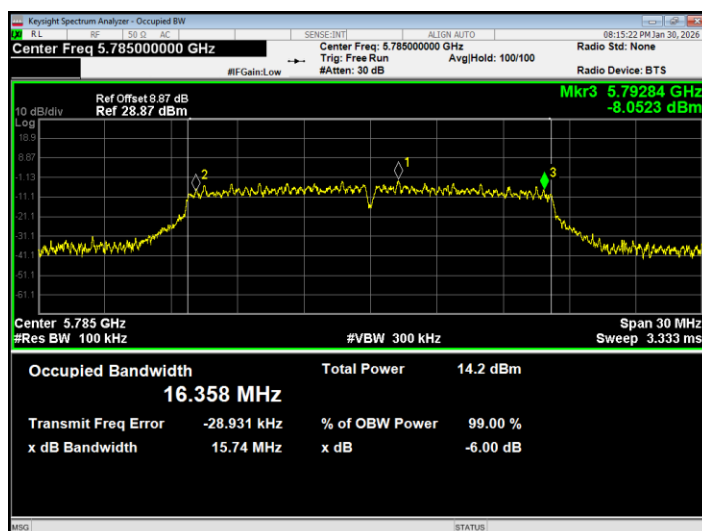


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-6dB Bandwidth NVNT a 5745MHz Ant1



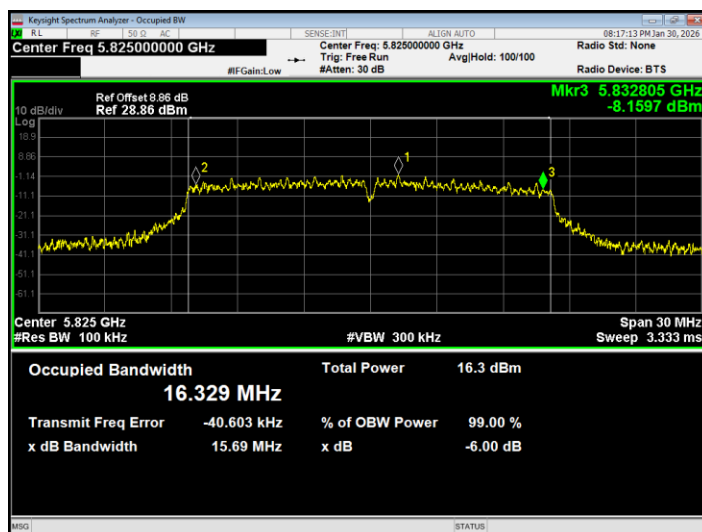
-6dB Bandwidth NVNT a 5785MHz Ant1



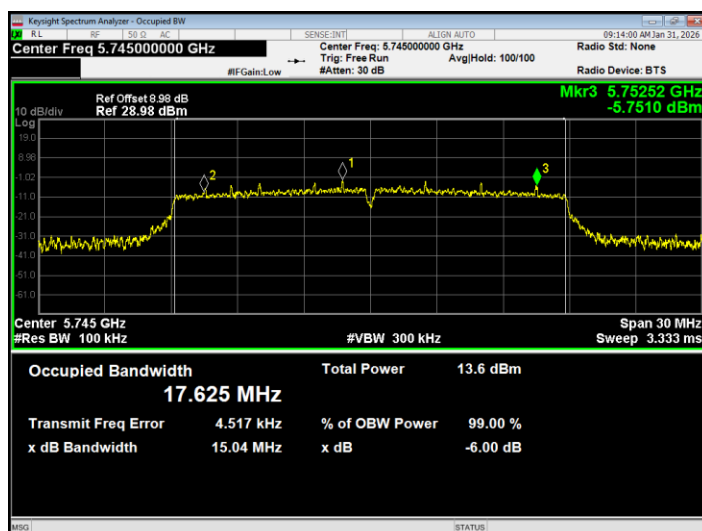


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-6dB Bandwidth NVNT a 5825MHz Ant1



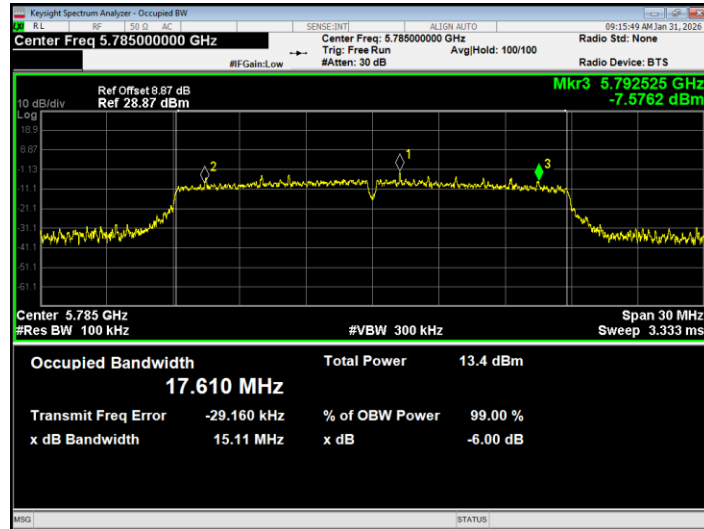
-6dB Bandwidth NVNT ac20 5745MHz Ant1



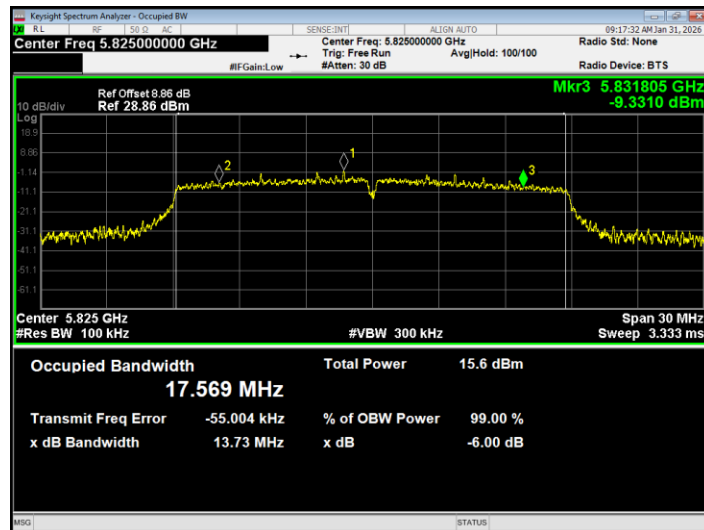


Shenzhen DL Testing Technology Co., Ltd.

-6dB Bandwidth NVNT ac20 5785MHz Ant1



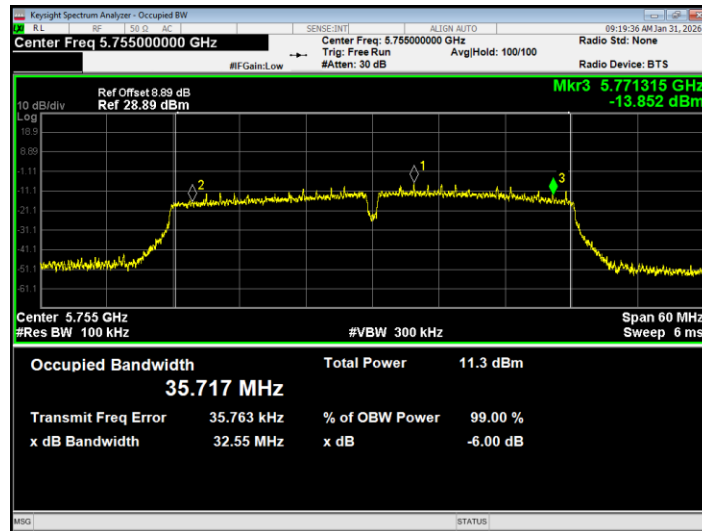
-6dB Bandwidth NVNT ac20 5825MHz Ant1



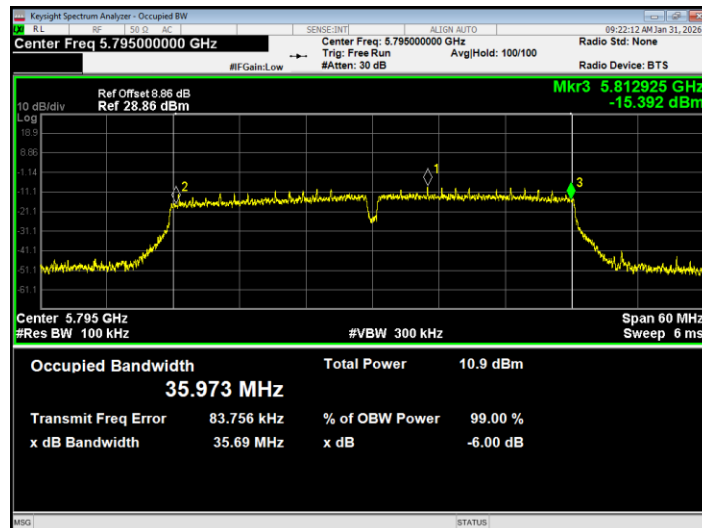


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-6dB Bandwidth NVNT ac40 5755MHz Ant1



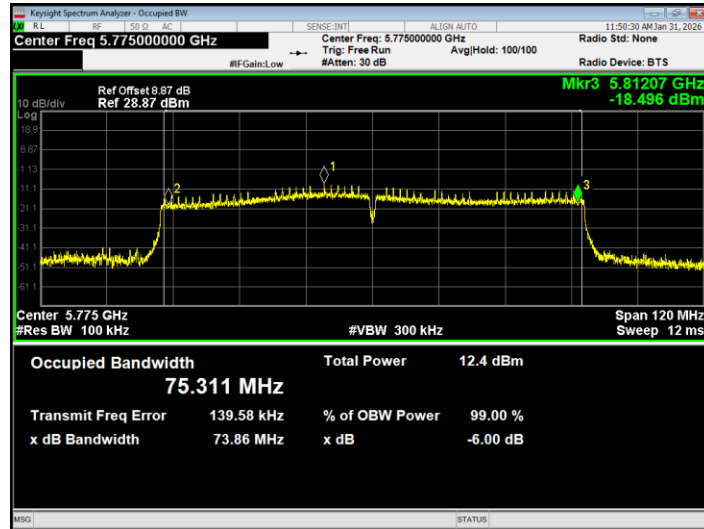
-6dB Bandwidth NVNT ac40 5795MHz Ant1



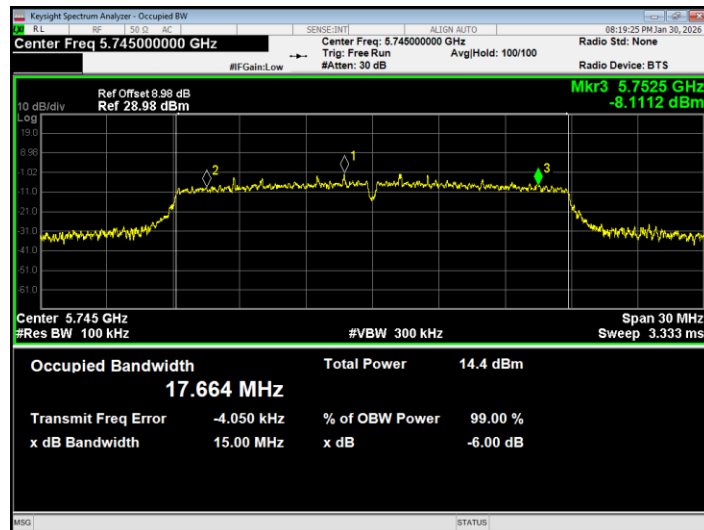


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-6dB Bandwidth NVNT ac80 5775MHz Ant1



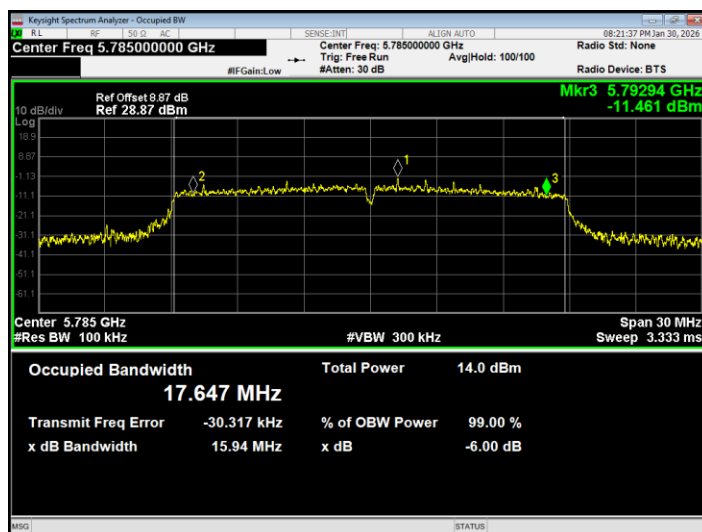
-6dB Bandwidth NVNT n20 5745MHz Ant1



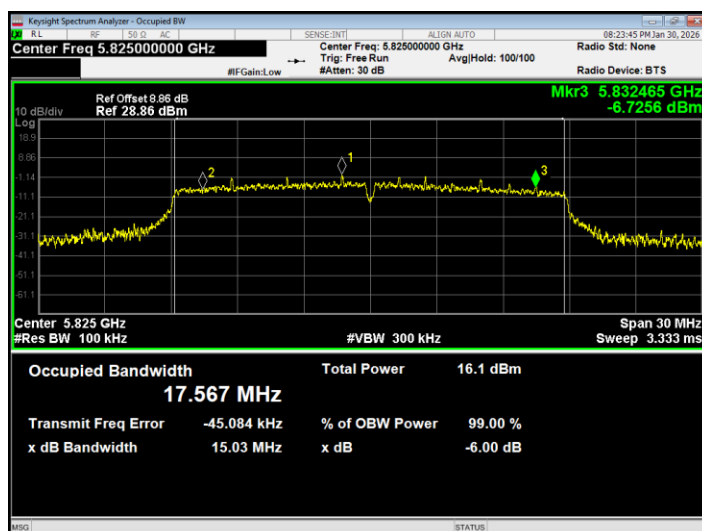


Shenzhen DL Testing Technology Co., Ltd.

-6dB Bandwidth NVNT n20 5785MHz Ant1



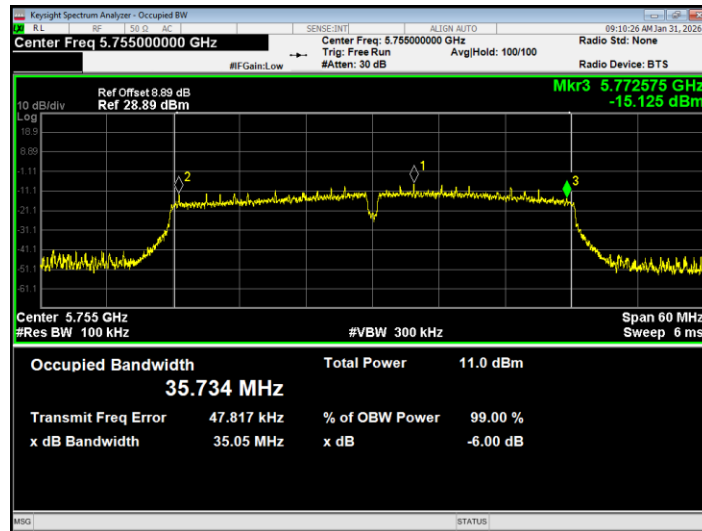
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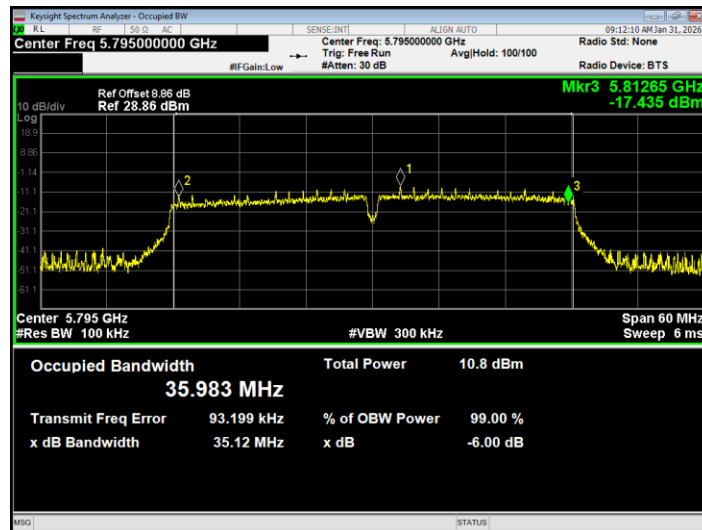


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-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1





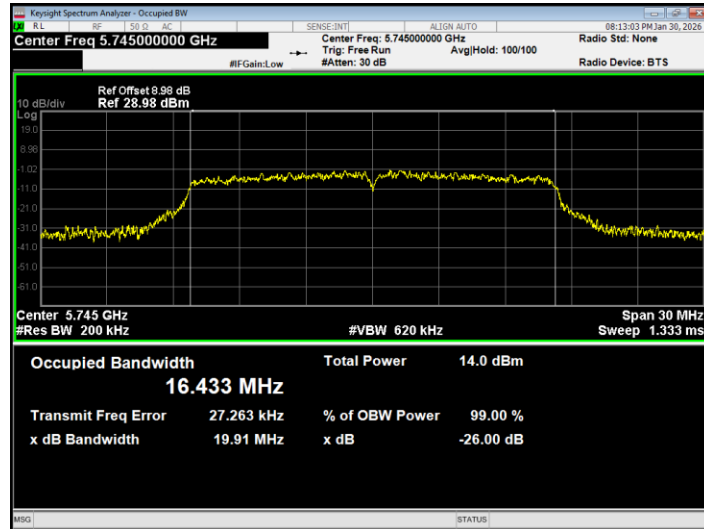
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.433
NVNT	a	5785	Ant1	16.436
NVNT	a	5825	Ant1	16.375
NVNT	ac20	5745	Ant1	17.677
NVNT	ac20	5785	Ant1	17.689
NVNT	ac20	5825	Ant1	17.604
NVNT	ac40	5755	Ant1	35.883
NVNT	ac40	5795	Ant1	36.136
NVNT	ac80	5775	Ant1	75.423
NVNT	n20	5745	Ant1	17.747
NVNT	n20	5785	Ant1	17.701
NVNT	n20	5825	Ant1	17.63
NVNT	n40	5755	Ant1	35.905
NVNT	n40	5795	Ant1	36.127

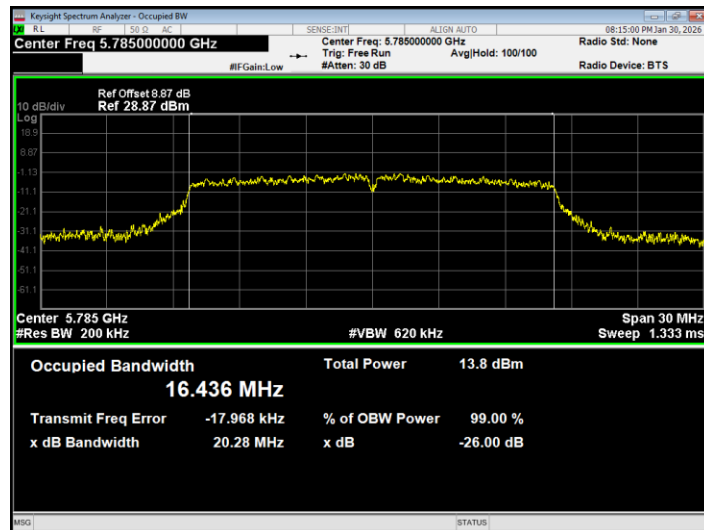


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OBW NVNT a 5745MHz Ant1



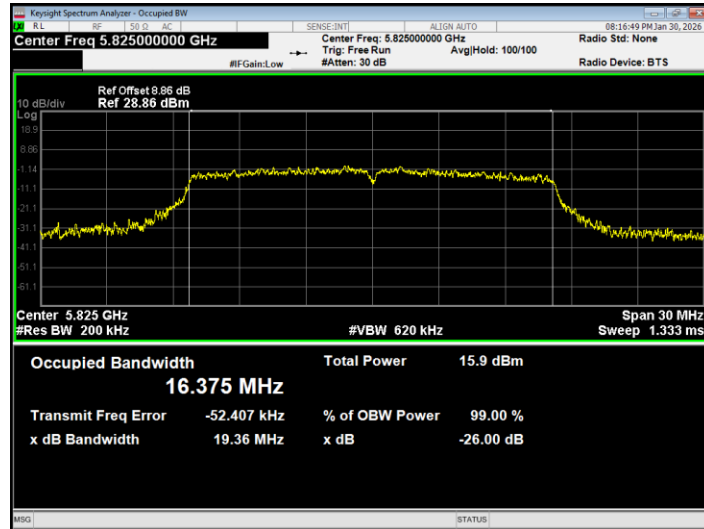
OBW NVNT a 5785MHz Ant1



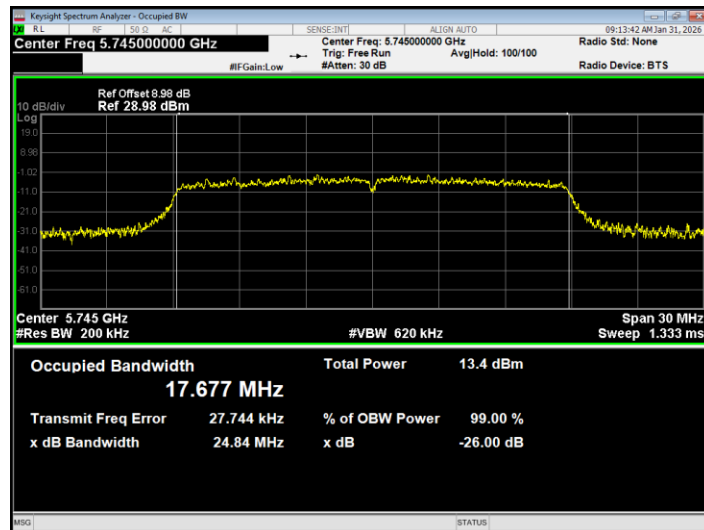


Shenzhen DL Testing Technology Co., Ltd.

OBW NVNT a 5825MHz Ant1



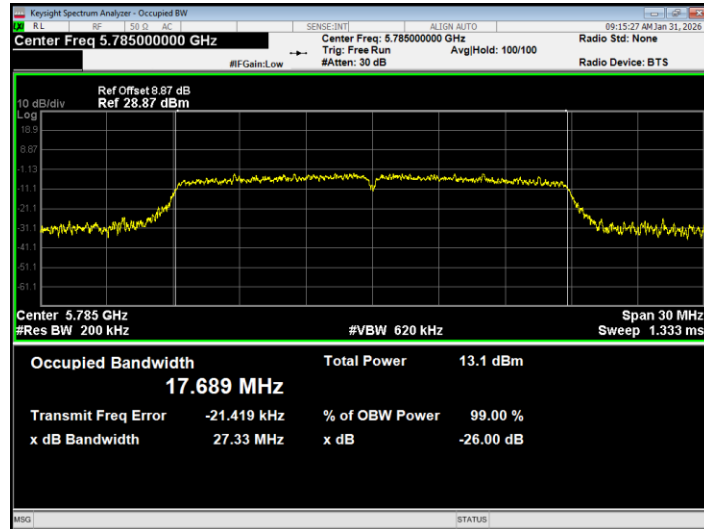
OBW NVNT ac20 5745MHz Ant1



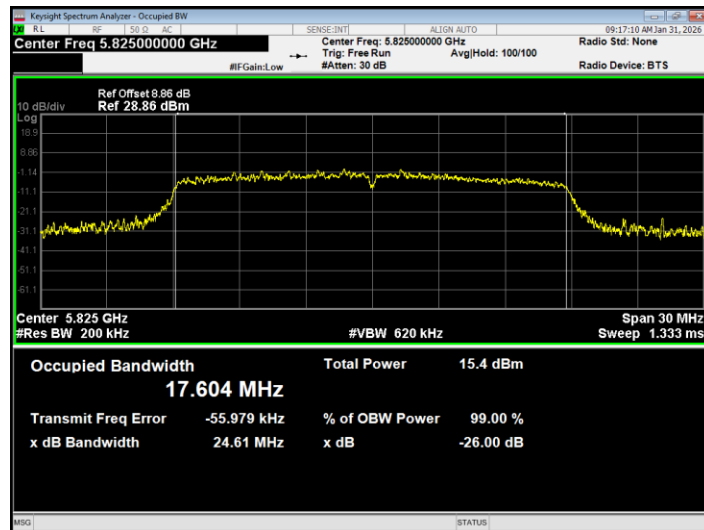


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OBW NVNT ac20 5785MHz Ant1



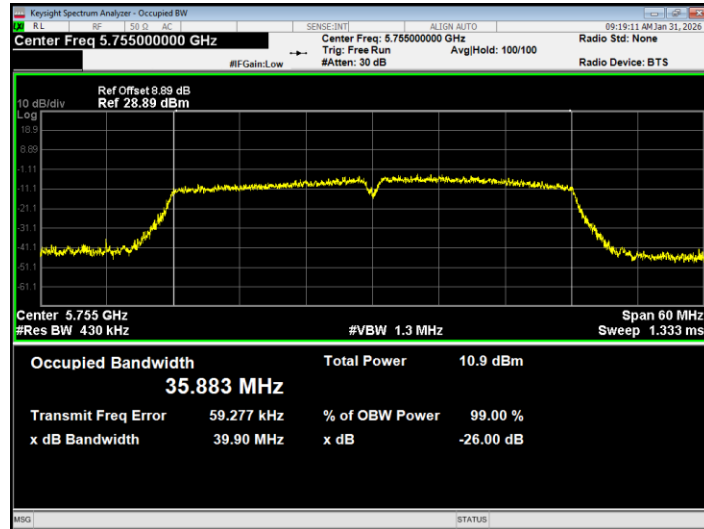
OBW NVNT ac20 5825MHz Ant1



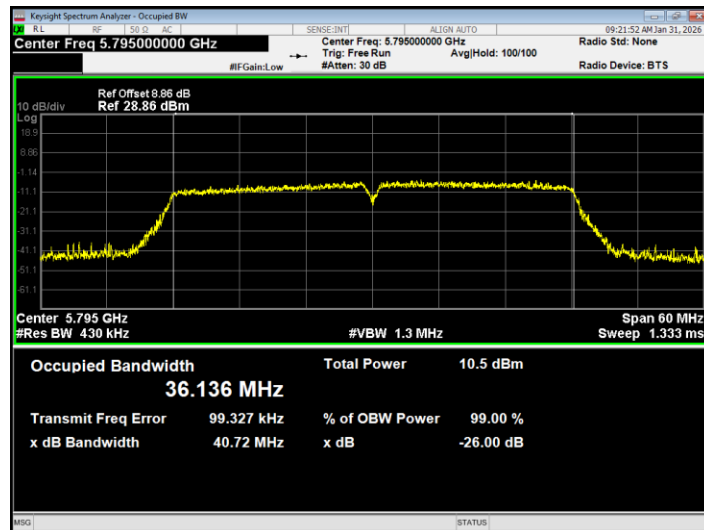


Shenzhen DL Testing Technology Co., Ltd.

OBW NVNT ac40 5755MHz Ant1



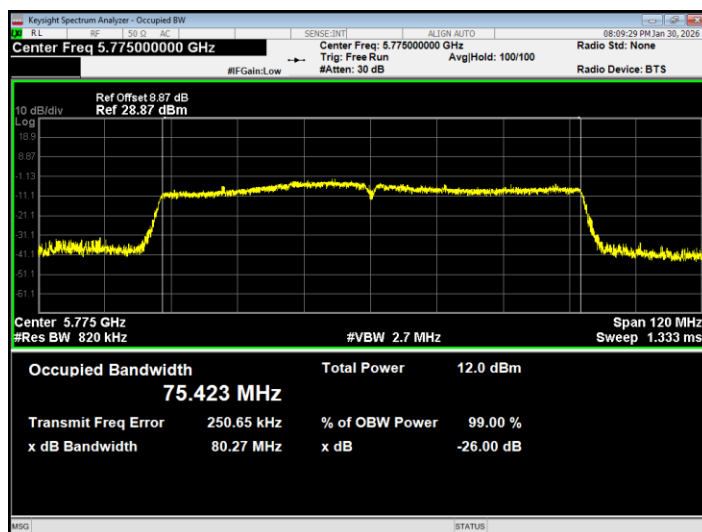
OBW NVNT ac40 5795MHz Ant1



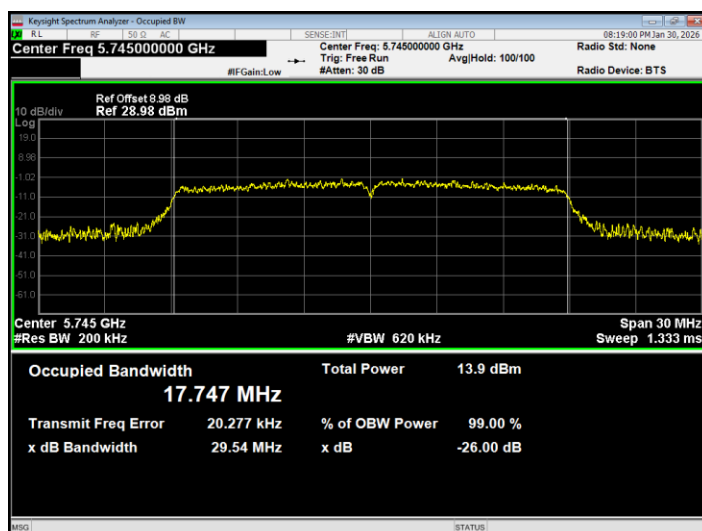


Shenzhen DL Testing Technology Co., Ltd.

OBW NVNT ac80 5775MHz Ant1



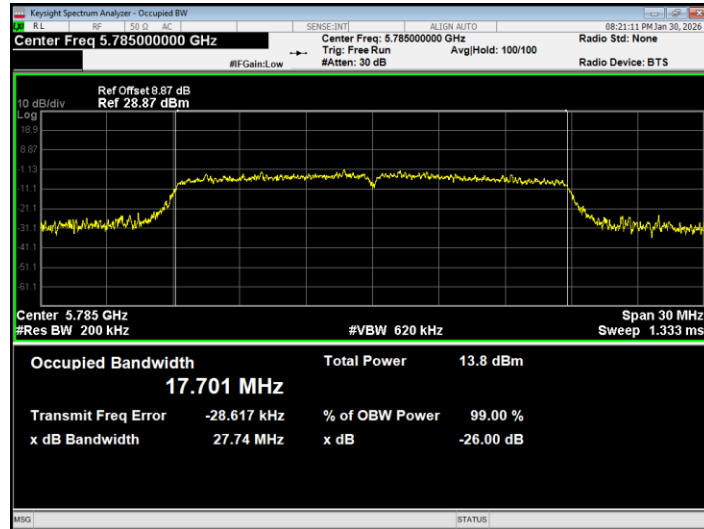
OBW NVNT n20 5745MHz Ant1



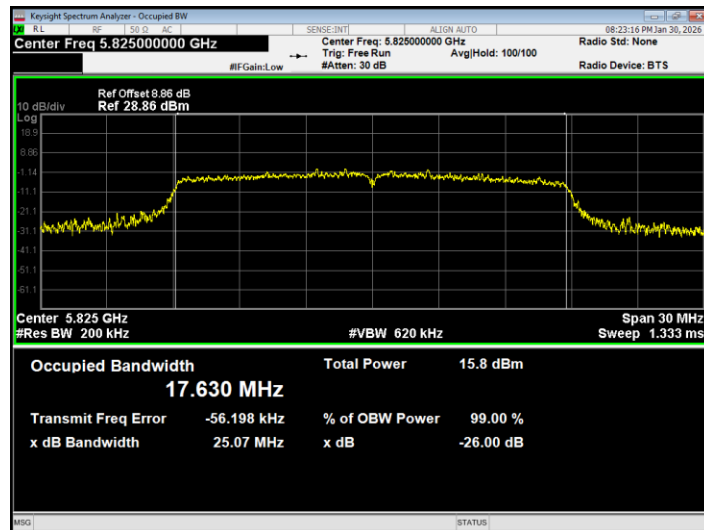


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OBW NVNT n20 5785MHz Ant1



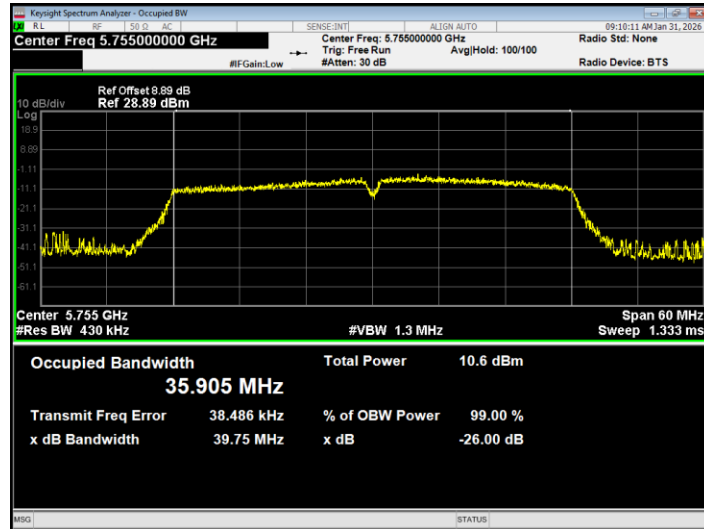
OBW NVNT n20 5825MHz Ant1



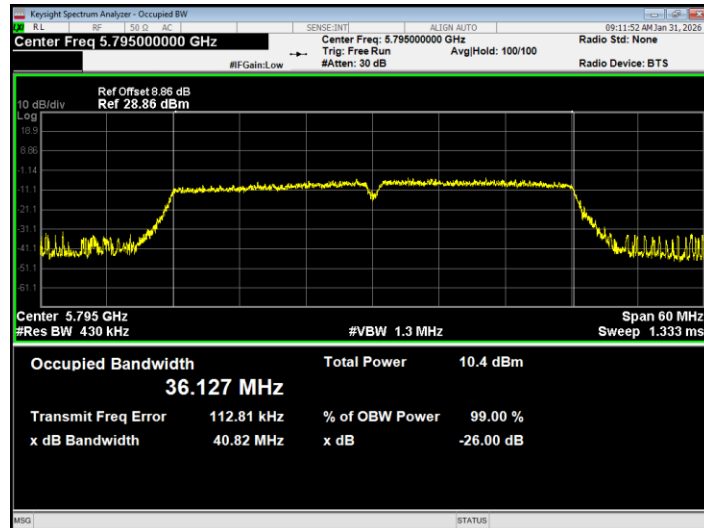


Shenzhen DL Testing Technology Co., Ltd.

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	-5.67	1.06	-4.61	30	Pass
NVNT	a	5785	Ant1	-5.299	0.87	-4.429	30	Pass
NVNT	a	5825	Ant1	-3.688	0.87	-2.818	30	Pass
NVNT	ac20	5745	Ant1	-5.302	0.13	-5.172	30	Pass
NVNT	ac20	5785	Ant1	-5.215	0.16	-5.055	30	Pass
NVNT	ac20	5825	Ant1	-2.765	0.13	-2.635	30	Pass
NVNT	ac40	5755	Ant1	-10.215	0.26	-9.955	30	Pass
NVNT	ac40	5795	Ant1	-11.47	0.26	-11.21	30	Pass
NVNT	ac80	5775	Ant1	-12.808	0.5	-12.308	30	Pass
NVNT	n20	5745	Ant1	-4.518	0.13	-4.388	30	Pass
NVNT	n20	5785	Ant1	-4.816	0.13	-4.686	30	Pass
NVNT	n20	5825	Ant1	-2.449	0.16	-2.289	30	Pass
NVNT	n40	5755	Ant1	-10.348	0.32	-10.028	30	Pass
NVNT	n40	5795	Ant1	-11.632	0.32	-11.312	30	Pass

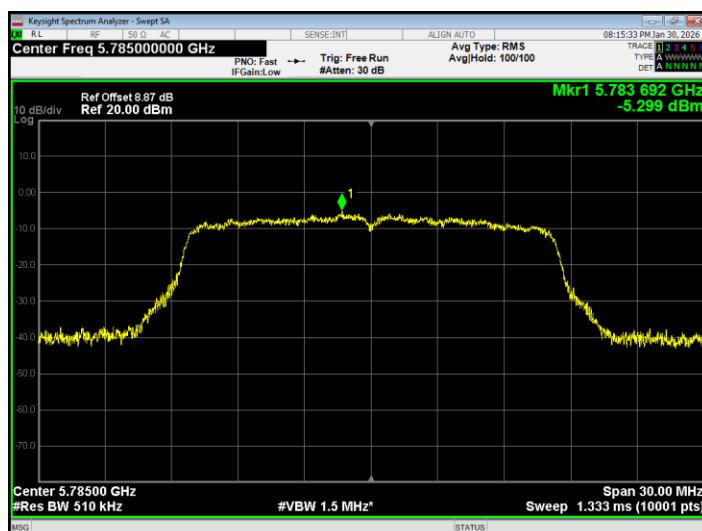


Shenzhen DL Testing Technology Co., Ltd.

PSD NVNT a 5745MHz Ant1



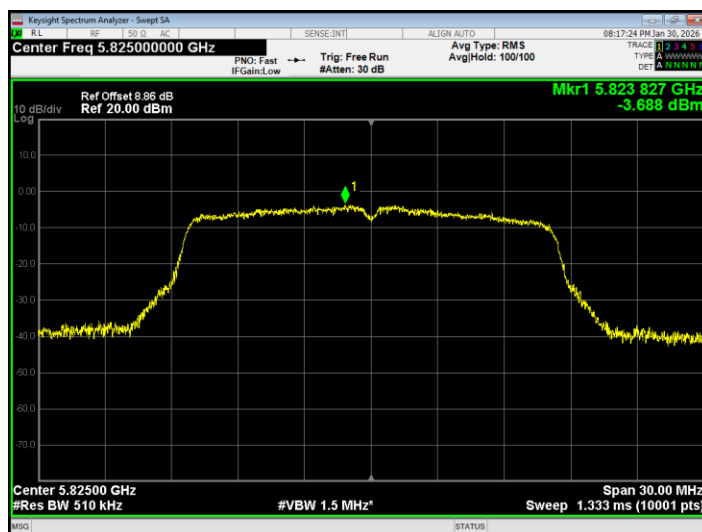
PSD NVNT a 5785MHz Ant1





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PSD NVNT a 5825MHz Ant1



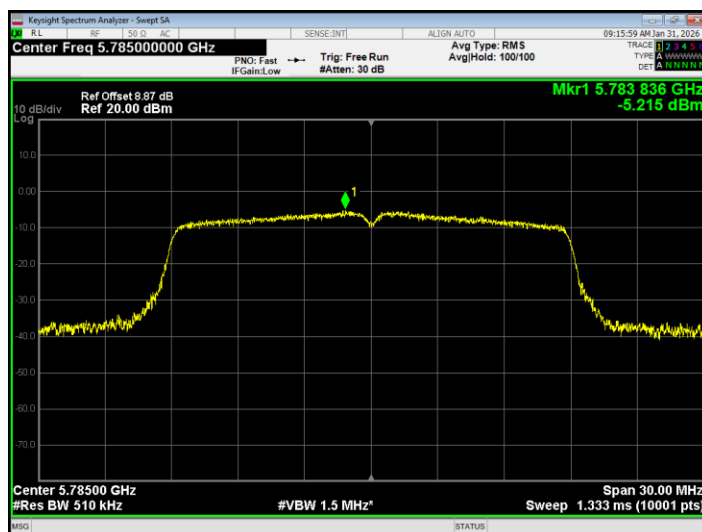
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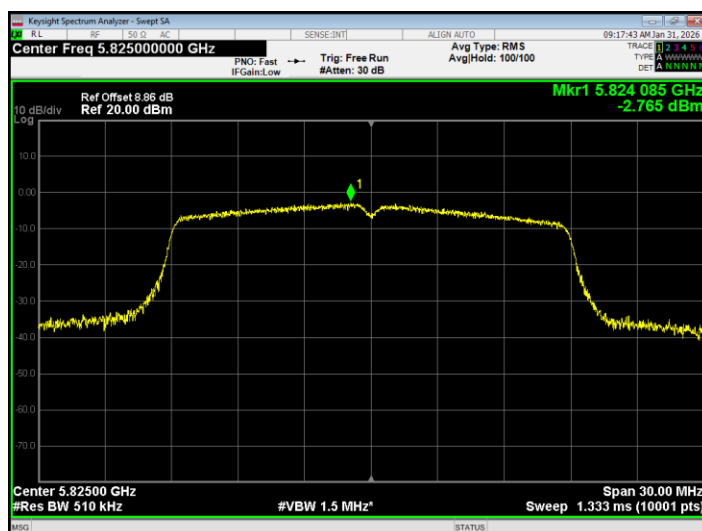


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PSD NVNT ac20 5785MHz Ant1



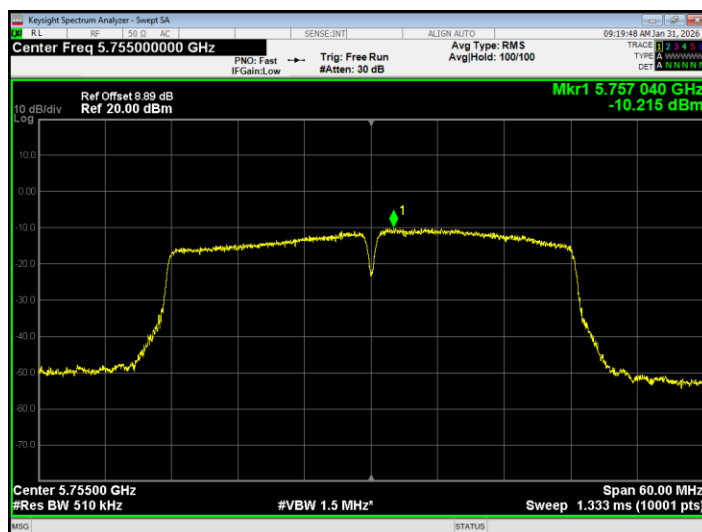
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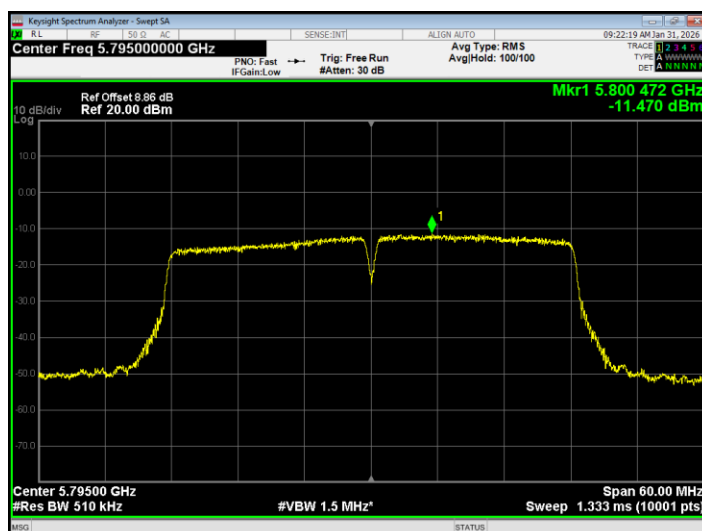


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PSD NVNT ac40 5755MHz Ant1



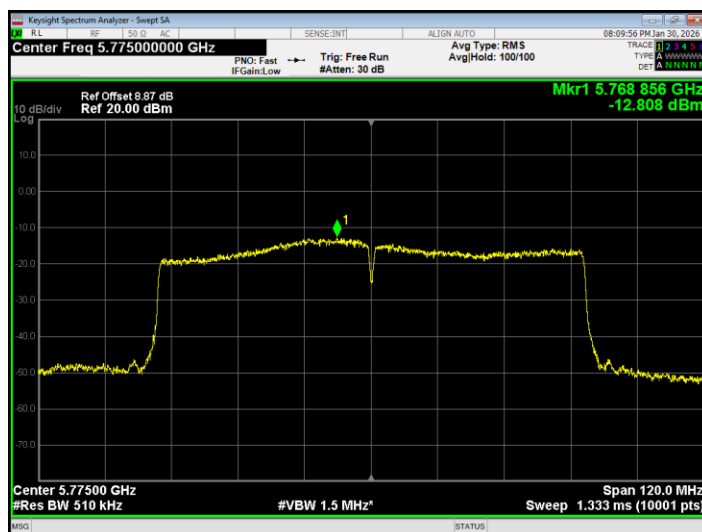
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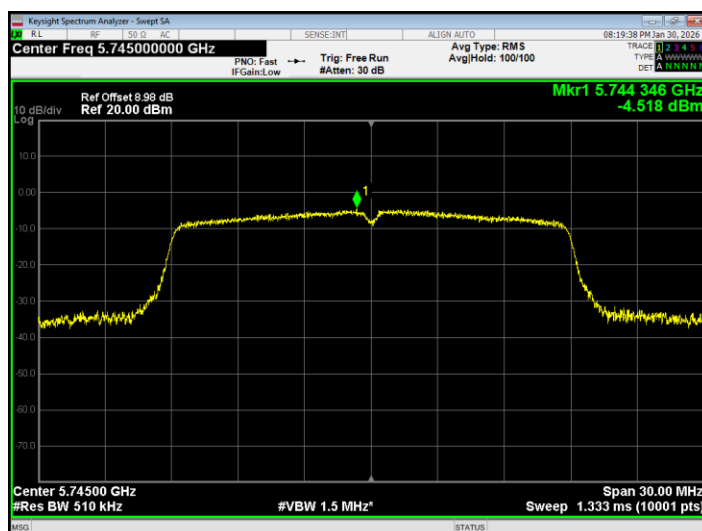


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PSD NVNT ac80 5775MHz Ant1



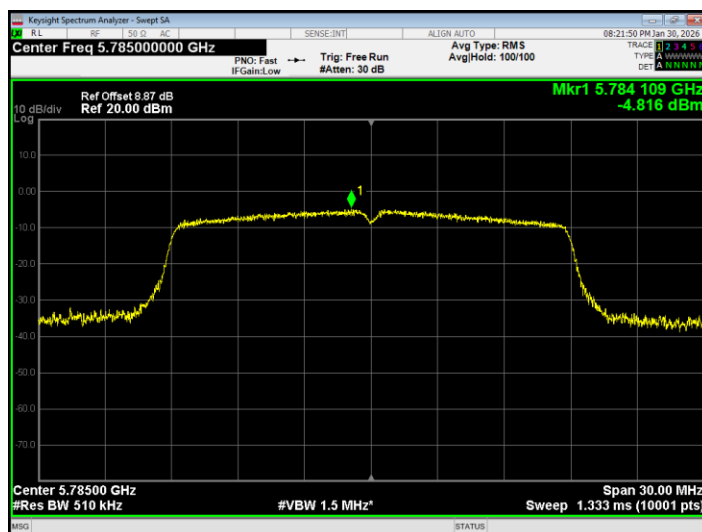
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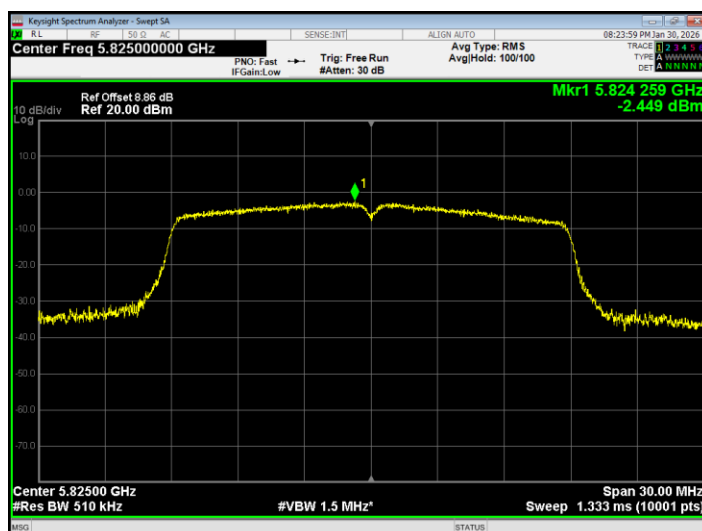


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PSD NVNT n20 5785MHz Ant1



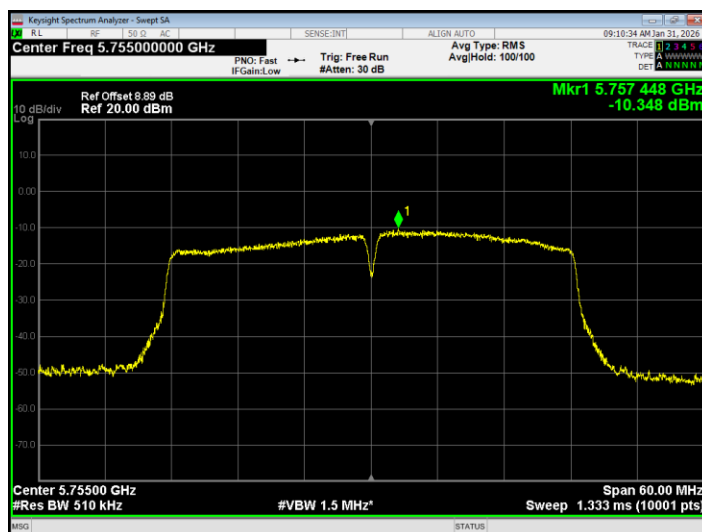
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PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1

