



Appendix 1

FCC Test Report

FCC ID: 2BSVU-MG5MAX

Applicant: OS POWER TECHNOLOGY CO., LTD

Address: 7F., No. 5, Qiao'an St., Zhonghe Dist., New Taipei City 23557, Taiwan (R.O.C.)

Manufacturer: SHENZHEN AMEDIA TECHNOLOGY CO., LTD

Address: Room 201, Building 2, Stech Park, Gaofeng community, Dalang Street, Longhua District, Shenzhen, China

EUT: Media Player

Trade Mark: N/A

Model Number: MG5 Max, MG5 Plus

Date of Receipt: Oct. 26, 2025

Test Date: Oct. 26, 2025 - Nov. 13, 2025

Date of Report: Nov. 13, 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



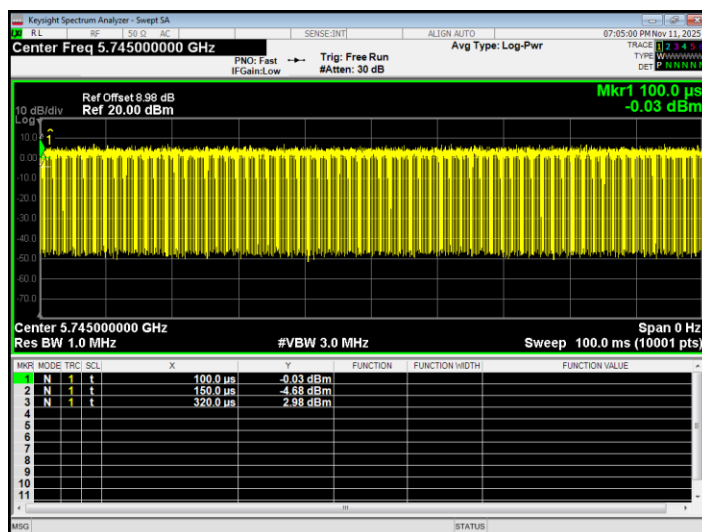
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	77.27	1.12
NVNT	a	5785	Ant1	78.26	1.06
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	97.04	0.13
NVNT	ac40	5755	Ant1	94.29	0.26
NVNT	ac40	5795	Ant1	94.2	0.26
NVNT	n20	5745	Ant1	97.04	0.13
NVNT	n20	5785	Ant1	96.3	0.16
NVNT	n20	5825	Ant1	97.01	0.13
NVNT	n40	5755	Ant1	92.75	0.33
NVNT	n40	5795	Ant1	92.75	0.33

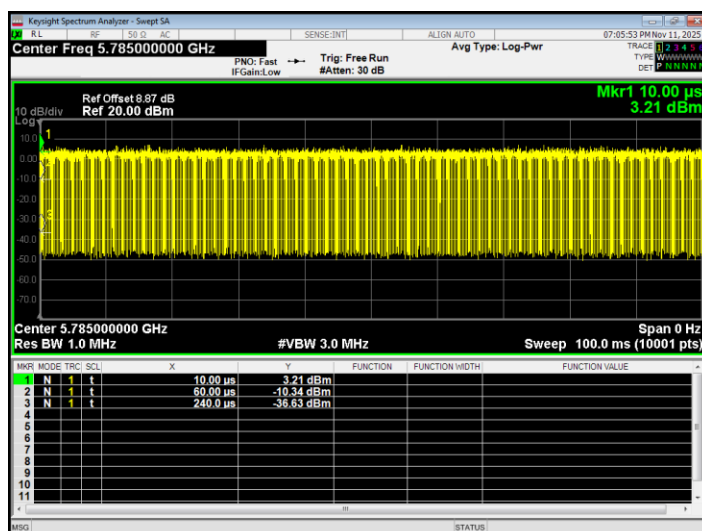


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Duty Cycle NVNT a 5745MHz Ant1



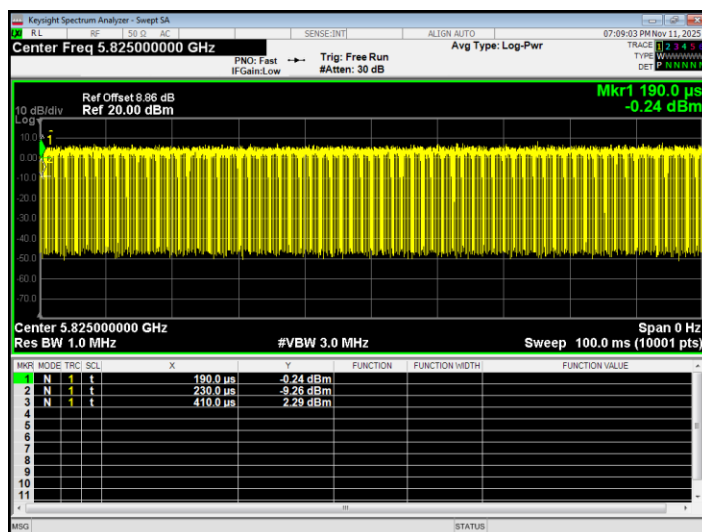
Duty Cycle NVNT a 5785MHz Ant1



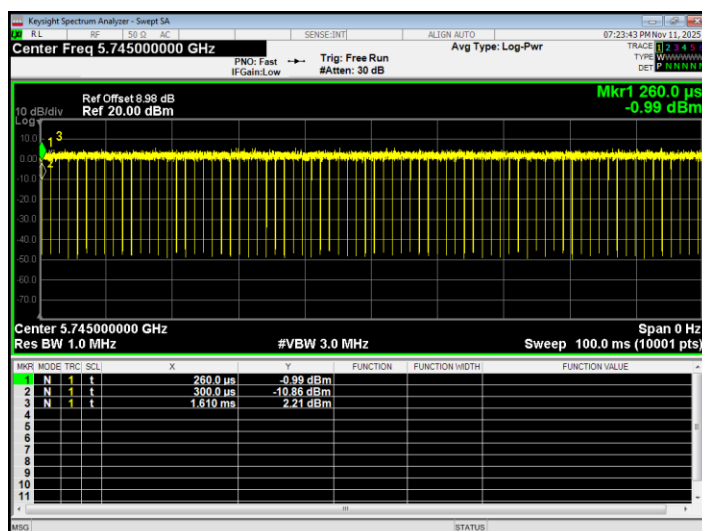


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Duty Cycle NVNT a 5825MHz Ant1



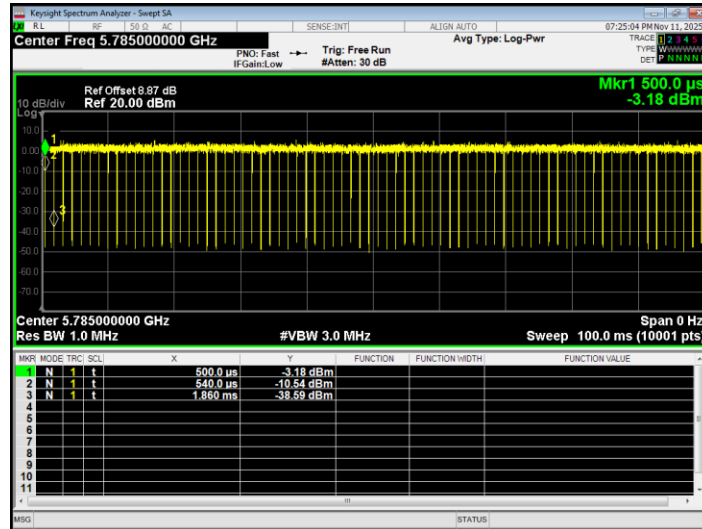
Duty Cycle NVNT ac20 5745MHz Ant1



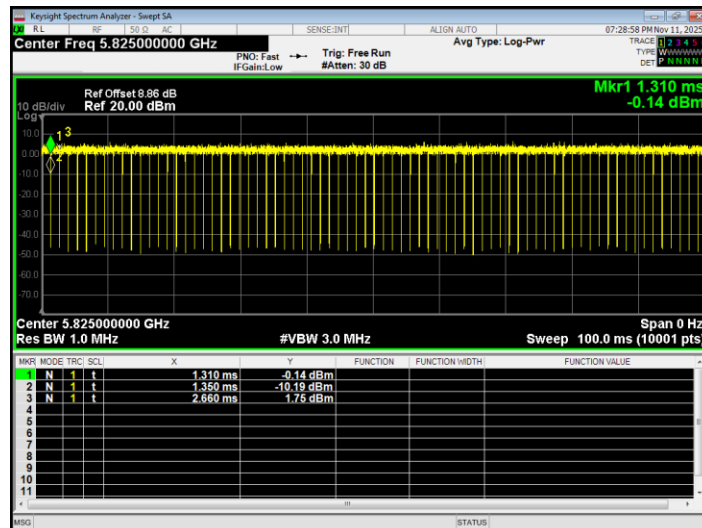


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Duty Cycle NVNT ac20 5785MHz Ant1



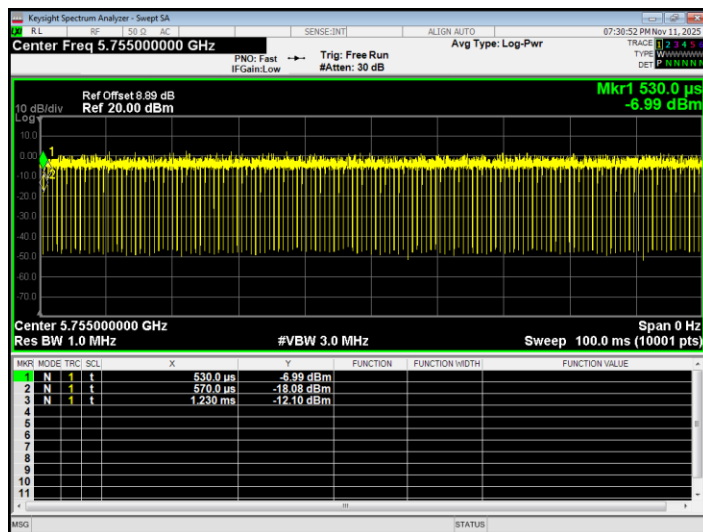
Duty Cycle NVNT ac20 5825MHz Ant1



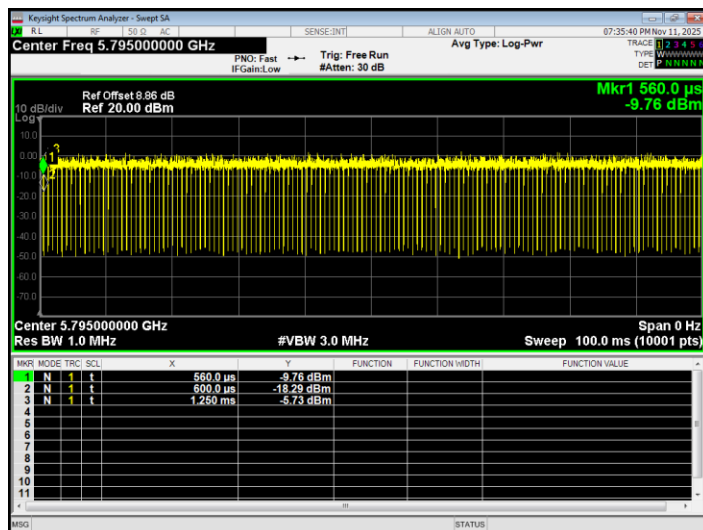


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Duty Cycle NVNT ac40 5755MHz Ant1



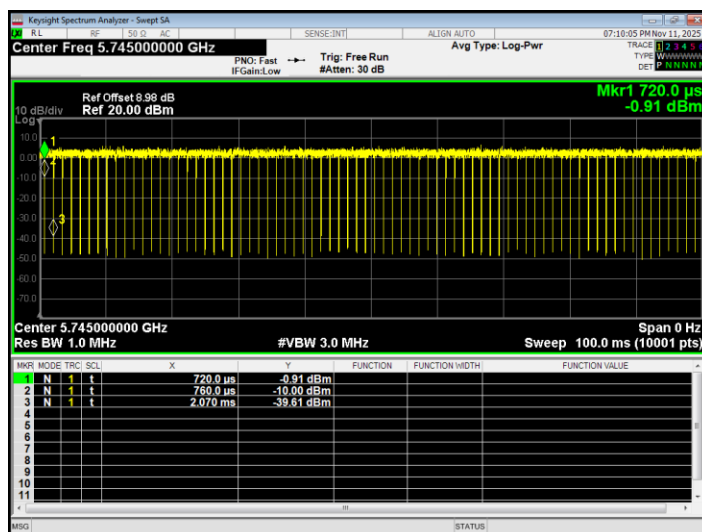
Duty Cycle NVNT ac40 5795MHz Ant1



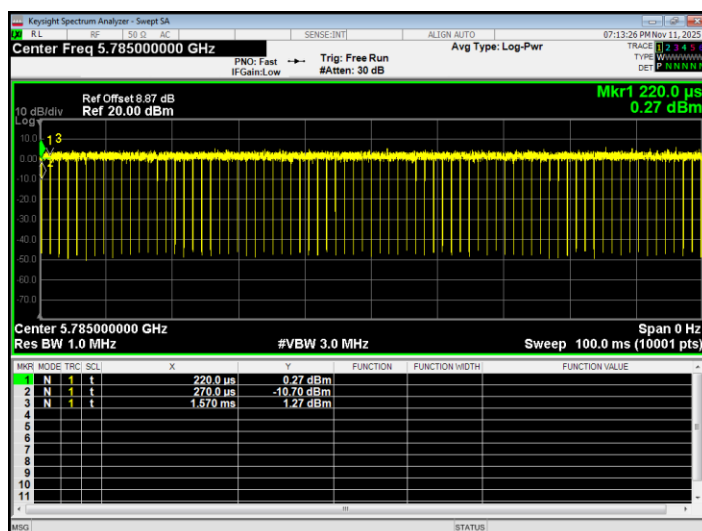


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Duty Cycle NVNT n20 5745MHz Ant1



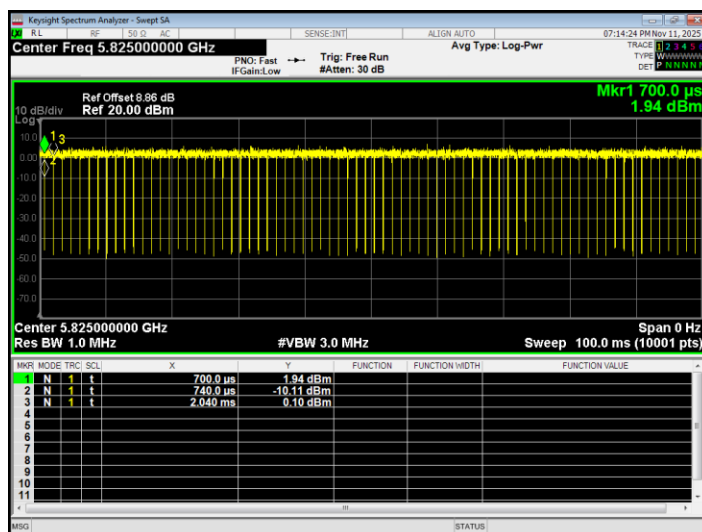
Duty Cycle NVNT n20 5785MHz Ant1



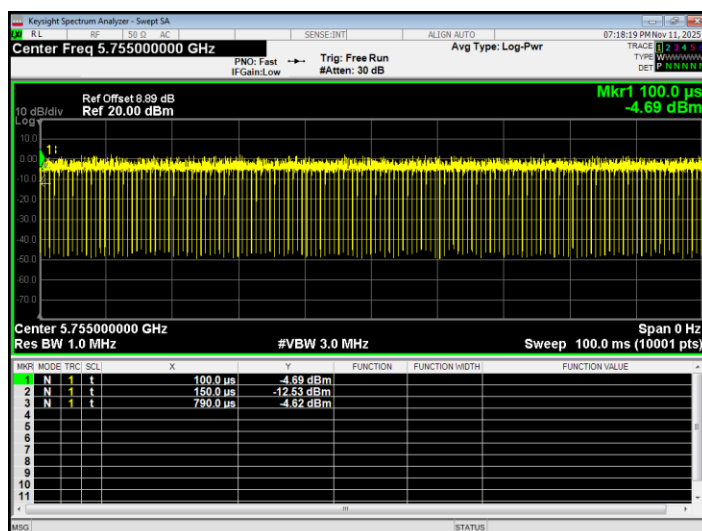


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Duty Cycle NVNT n20 5825MHz Ant1



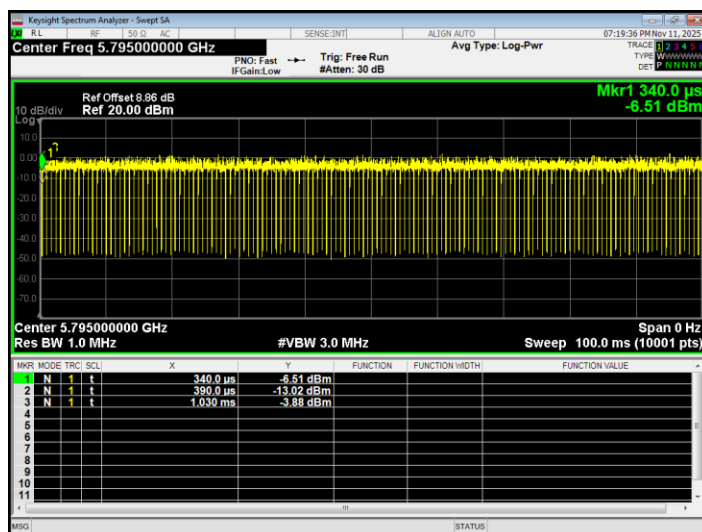
Duty Cycle NVNT n40 5755MHz Ant1





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Duty Cycle NVNT n40 5795MHz Ant1





Conducted Band Edge

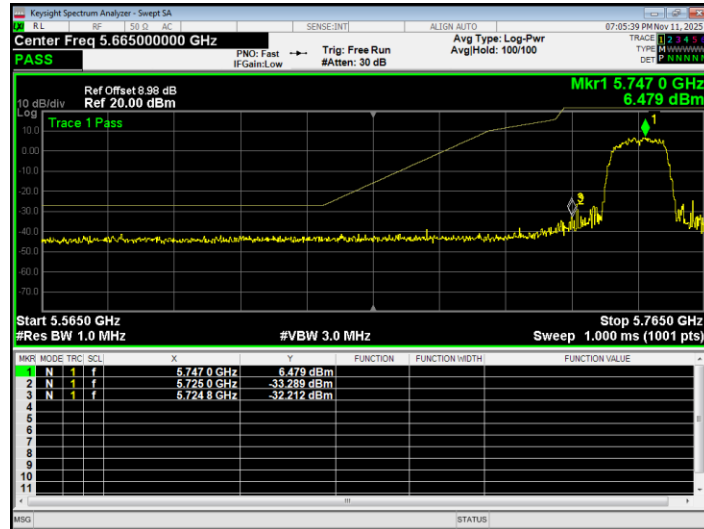
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-32.21	Pass
NVNT	a	5825	Ant1	-37.02	Pass
NVNT	ac20	5745	Ant1	-37.81	Pass
NVNT	ac20	5825	Ant1	-38.49	Pass
NVNT	ac40	5755	Ant1	-33.03	Pass
NVNT	ac40	5795	Ant1	-39.9	Pass
NVNT	n20	5745	Ant1	-31.8	Pass
NVNT	n20	5825	Ant1	-36.8	Pass
NVNT	n40	5755	Ant1	-23.88	Pass
NVNT	n40	5795	Ant1	-40.28	Pass

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



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Band Edge NVNT a 5745MHz Low Ant1



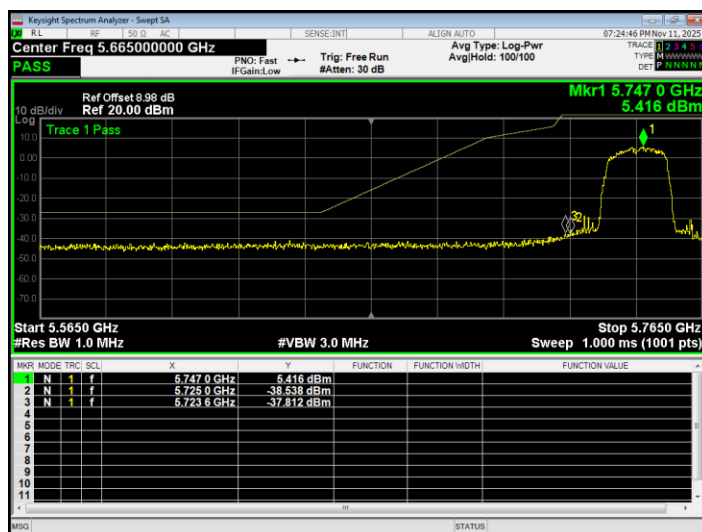
Band Edge NVNT a 5825MHz High Ant1



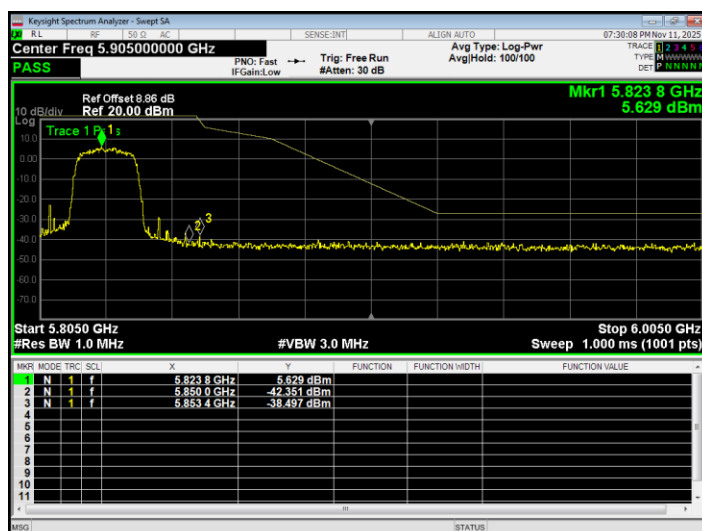


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Band Edge NVNT ac20 5745MHz Low Ant1



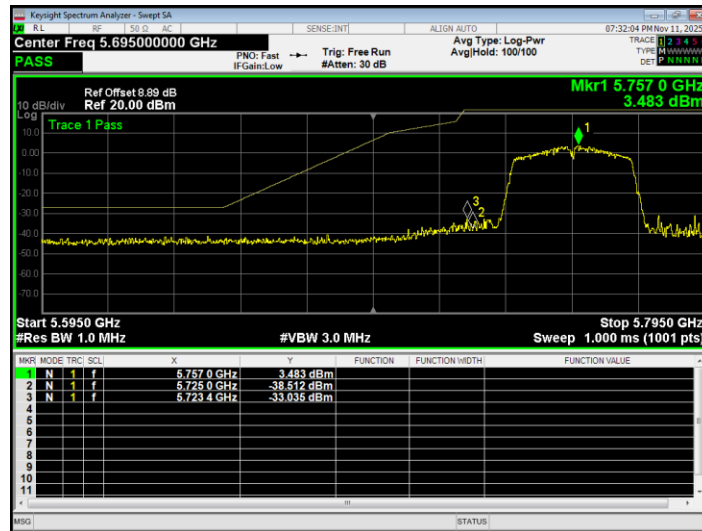
Band Edge NVNT ac20 5825MHz High Ant1



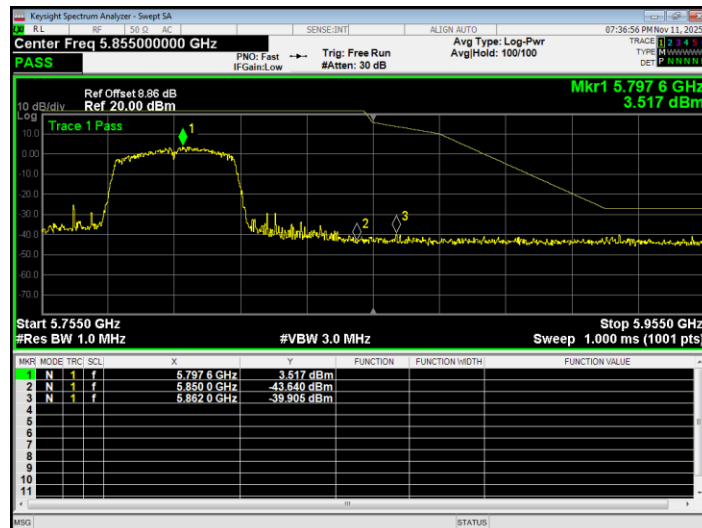


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Band Edge NVNT ac40 5755MHz Low Ant1



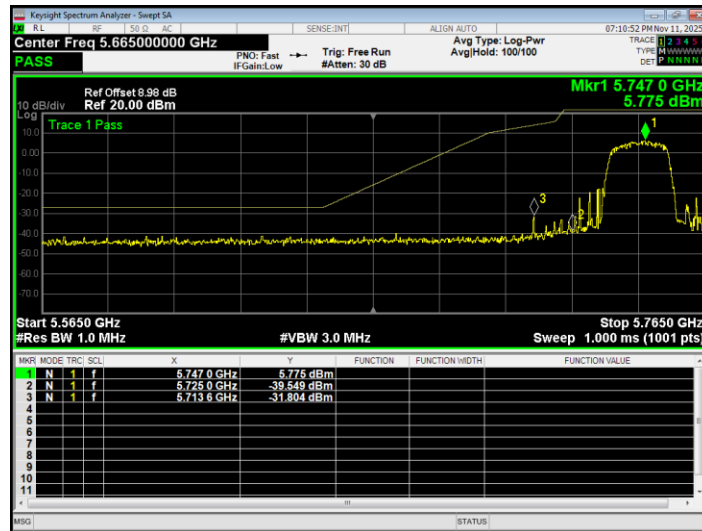
Band Edge NVNT ac40 5795MHz High Ant1





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Band Edge NVNT n20 5745MHz Low Ant1



Band Edge NVNT n20 5825MHz High Ant1



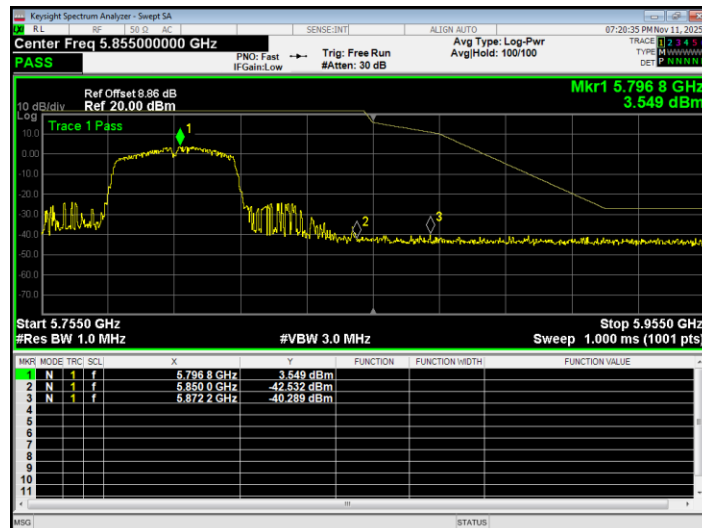


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Band Edge NVNT n40 5755MHz Low Ant1



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	7.682	1.12	8.802	30	Pass
NVNT	a	5785	Ant1	7.461	1.06	8.521	30	Pass
NVNT	a	5825	Ant1	8.118	0.87	8.988	30	Pass
NVNT	ac20	5745	Ant1	7.838	0.13	7.968	30	Pass
NVNT	ac20	5785	Ant1	7.528	0.13	7.658	30	Pass
NVNT	ac20	5825	Ant1	8.145	0.13	8.275	30	Pass
NVNT	ac40	5755	Ant1	7.878	0.26	8.138	30	Pass
NVNT	ac40	5795	Ant1	8.143	0.26	8.403	30	Pass
NVNT	n20	5745	Ant1	8.503	0.13	8.633	30	Pass
NVNT	n20	5785	Ant1	7.631	0.16	7.791	30	Pass
NVNT	n20	5825	Ant1	8.2	0.13	8.33	30	Pass
NVNT	n40	5755	Ant1	8.159	0.33	8.489	30	Pass
NVNT	n40	5795	Ant1	8.404	0.33	8.734	30	Pass



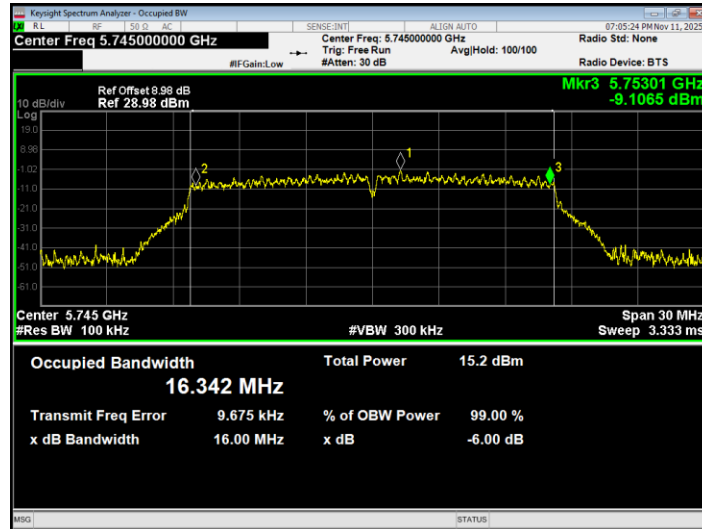
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16	0.5	Pass
NVNT	a	5785	Ant1	15.63	0.5	Pass
NVNT	a	5825	Ant1	15.91	0.5	Pass
NVNT	ac20	5745	Ant1	15.86	0.5	Pass
NVNT	ac20	5785	Ant1	15.33	0.5	Pass
NVNT	ac20	5825	Ant1	16.3	0.5	Pass
NVNT	ac40	5755	Ant1	33.81	0.5	Pass
NVNT	ac40	5795	Ant1	35.06	0.5	Pass
NVNT	n20	5745	Ant1	15.67	0.5	Pass
NVNT	n20	5785	Ant1	13.04	0.5	Pass
NVNT	n20	5825	Ant1	13.78	0.5	Pass
NVNT	n40	5755	Ant1	33.81	0.5	Pass
NVNT	n40	5795	Ant1	30.04	0.5	Pass

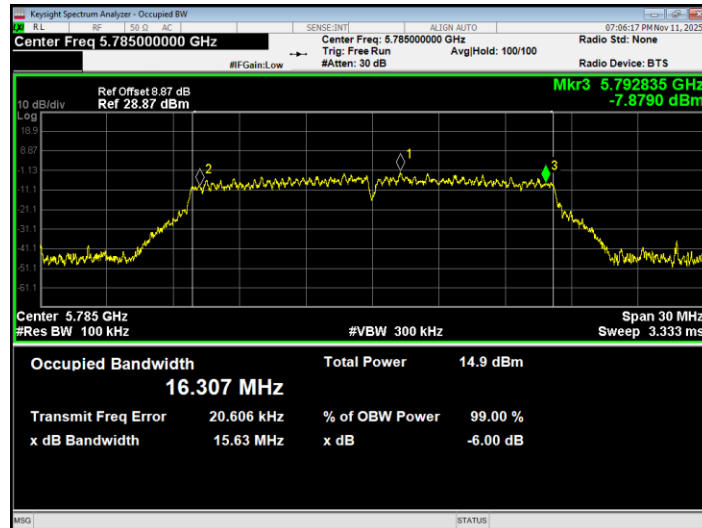


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-6dB Bandwidth NVNT a 5745MHz Ant1



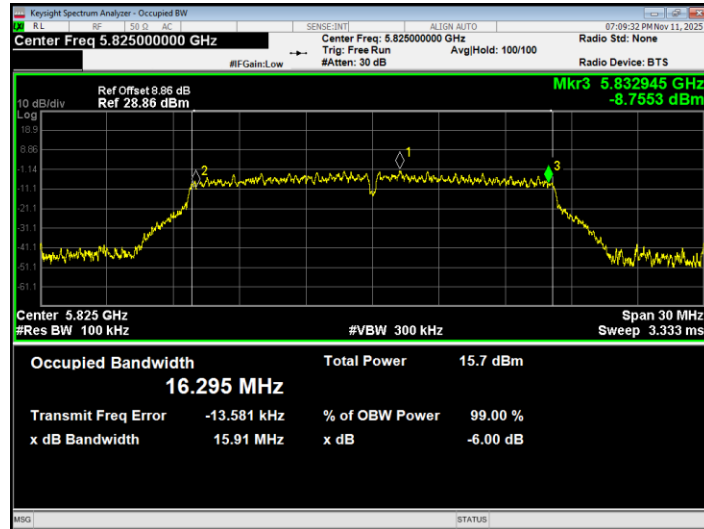
-6dB Bandwidth NVNT a 5785MHz Ant1



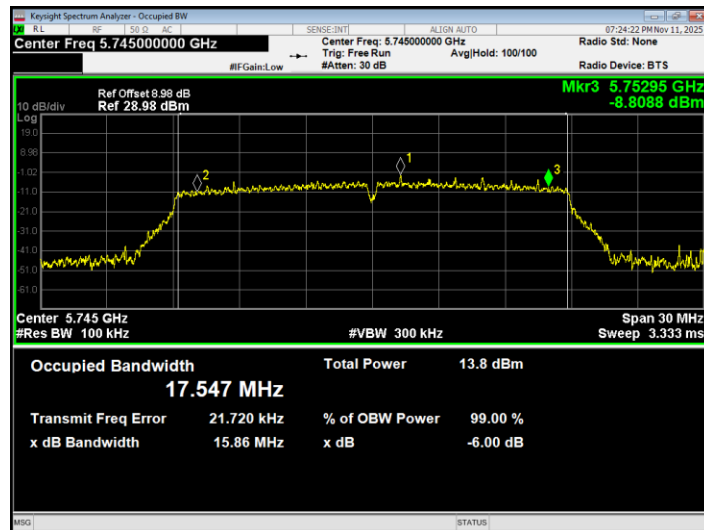


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-6dB Bandwidth NVNT a 5825MHz Ant1



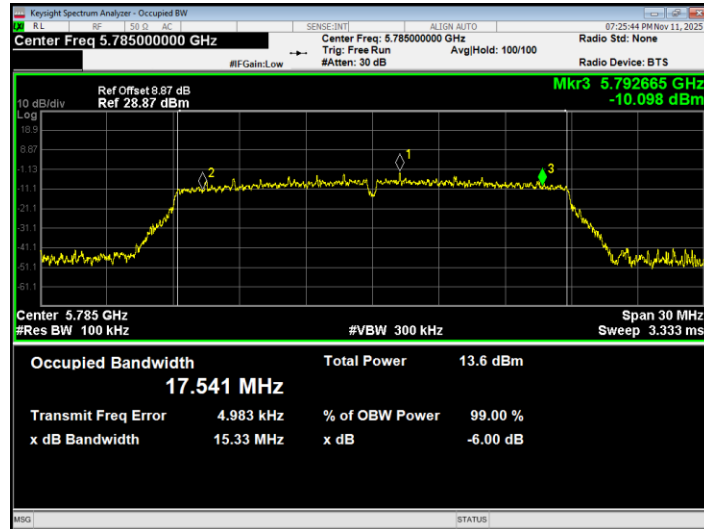
-6dB Bandwidth NVNT ac20 5745MHz Ant1



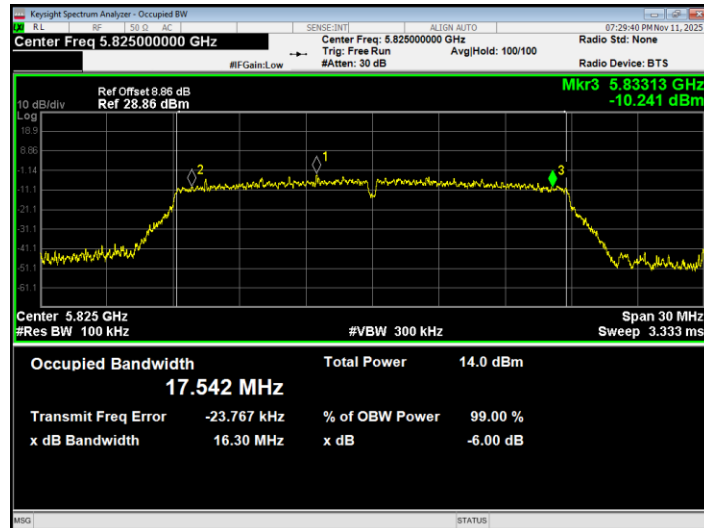


Shenzhen DL Testing Technology Co., Ltd.

-6dB Bandwidth NVNT ac20 5785MHz Ant1



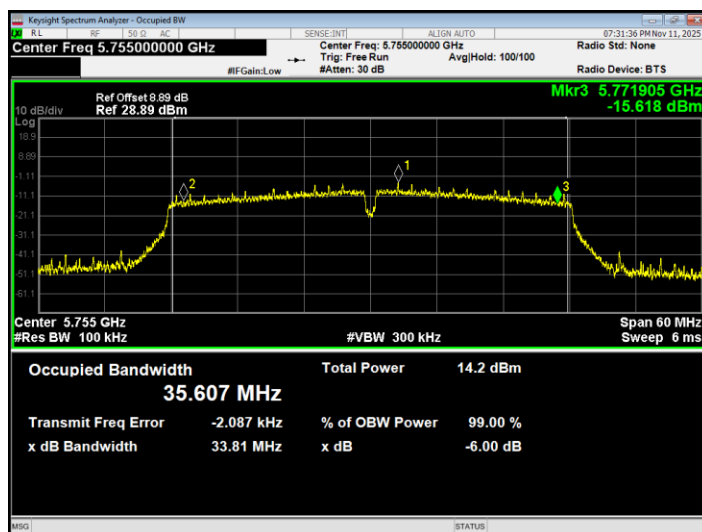
-6dB Bandwidth NVNT ac20 5825MHz Ant1



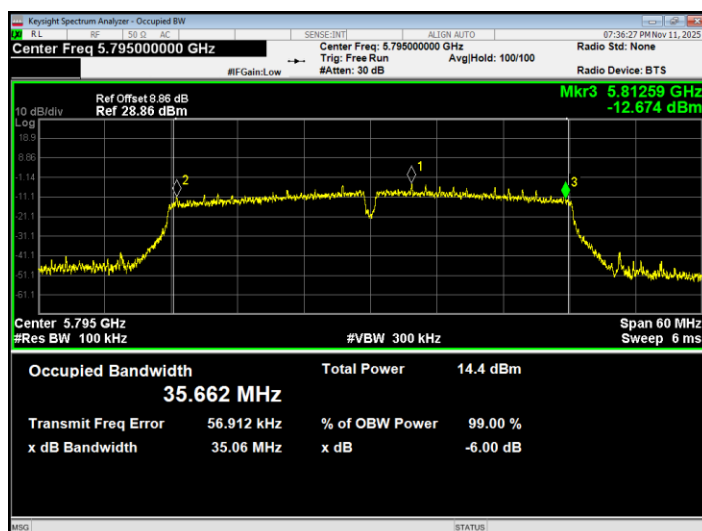


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-6dB Bandwidth NVNT ac40 5755MHz Ant1



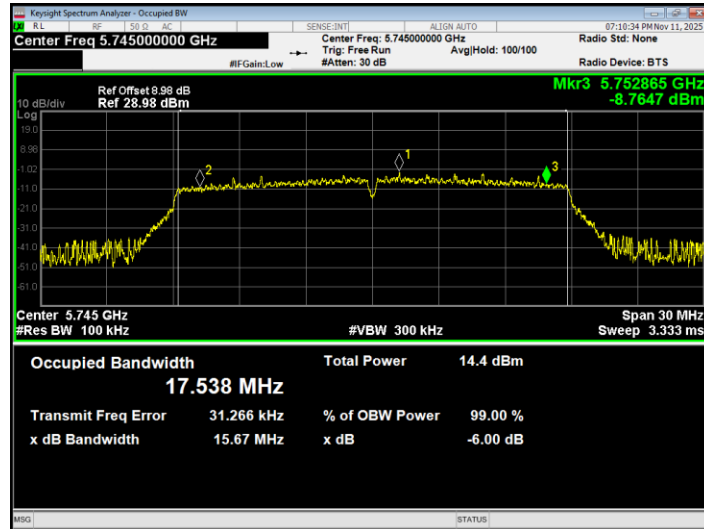
-6dB Bandwidth NVNT ac40 5795MHz Ant1



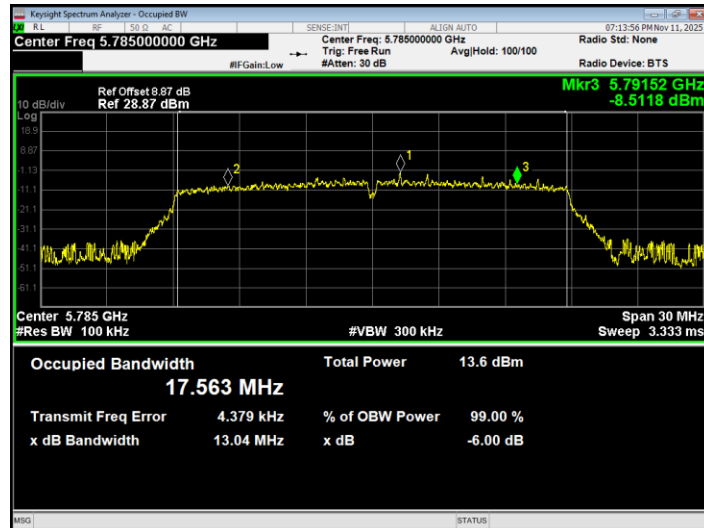


Shenzhen DL Testing Technology Co., Ltd.

-6dB Bandwidth NVNT n20 5745MHz Ant1



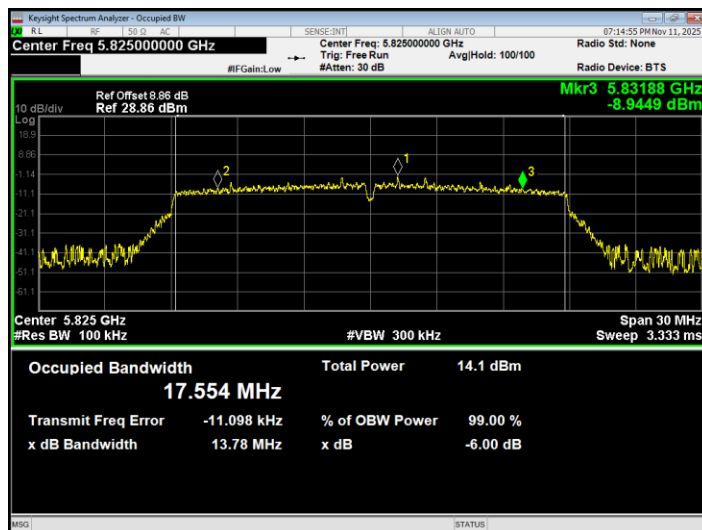
-6dB Bandwidth NVNT n20 5785MHz Ant1



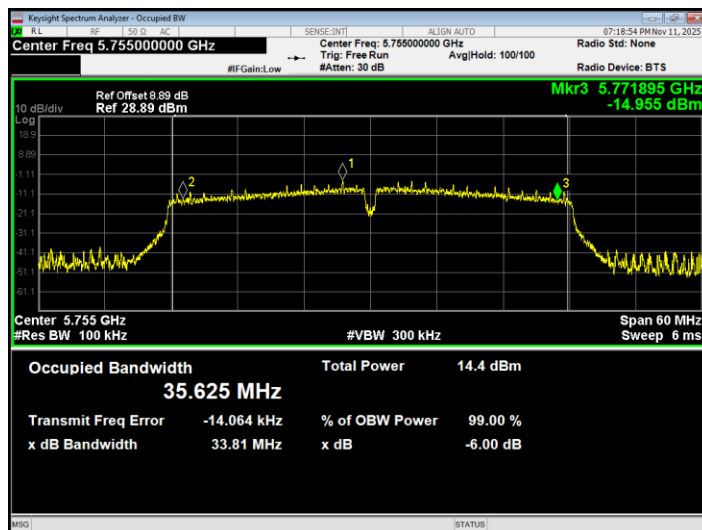


Shenzhen DL Testing Technology Co., Ltd.

-6dB Bandwidth NVNT n20 5825MHz Ant1



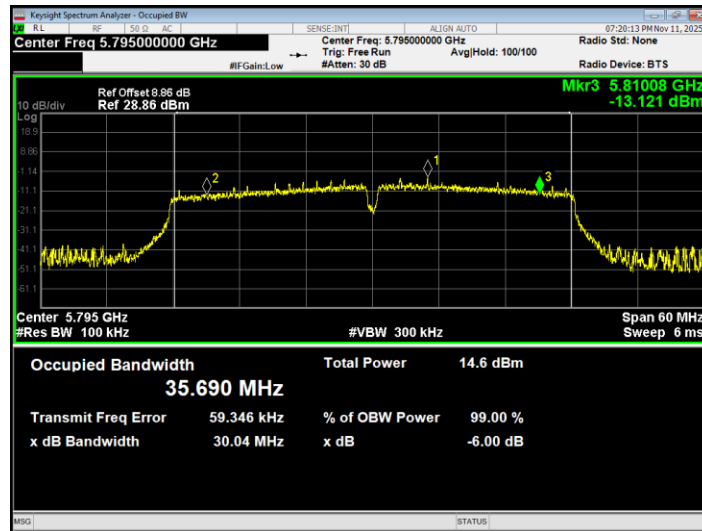
-6dB Bandwidth NVNT n40 5755MHz Ant1





Shenzhen DL Testing Technology Co., Ltd.

-6dB Bandwidth NVNT n40 5795MHz Ant1





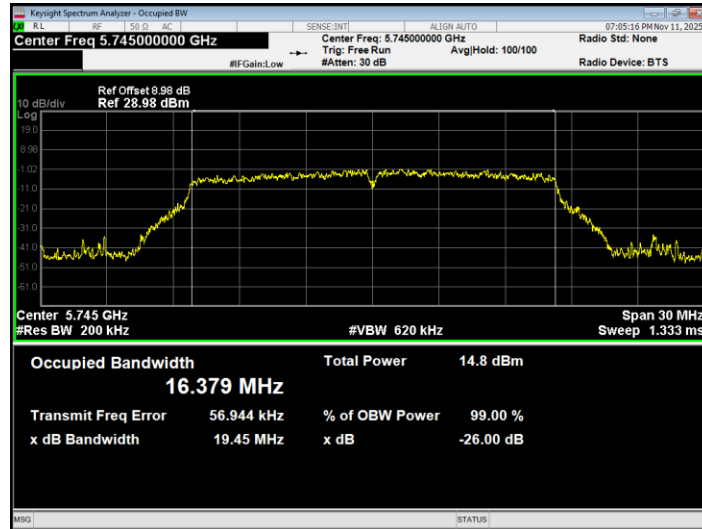
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.379
NVNT	a	5785	Ant1	16.371
NVNT	a	5825	Ant1	16.407
NVNT	ac20	5745	Ant1	17.541
NVNT	ac20	5785	Ant1	17.587
NVNT	ac20	5825	Ant1	17.546
NVNT	ac40	5755	Ant1	35.71
NVNT	ac40	5795	Ant1	35.825
NVNT	n20	5745	Ant1	17.559
NVNT	n20	5785	Ant1	17.573
NVNT	n20	5825	Ant1	17.568
NVNT	n40	5755	Ant1	35.729
NVNT	n40	5795	Ant1	35.818

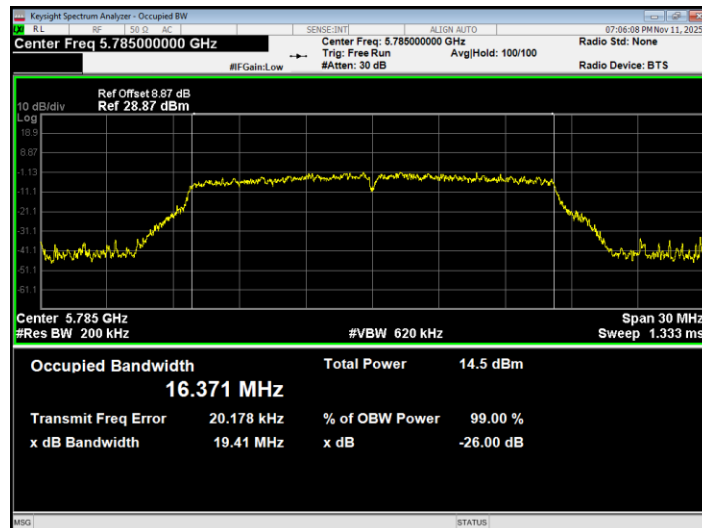


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OBW NVNT a 5745MHz Ant1



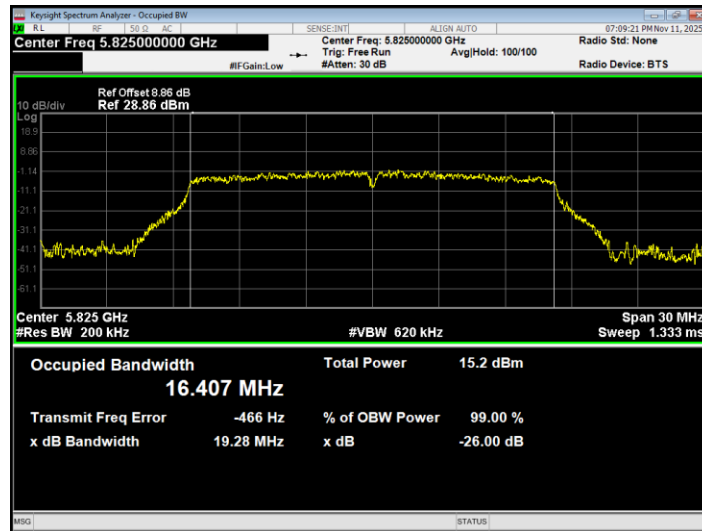
OBW NVNT a 5785MHz Ant1



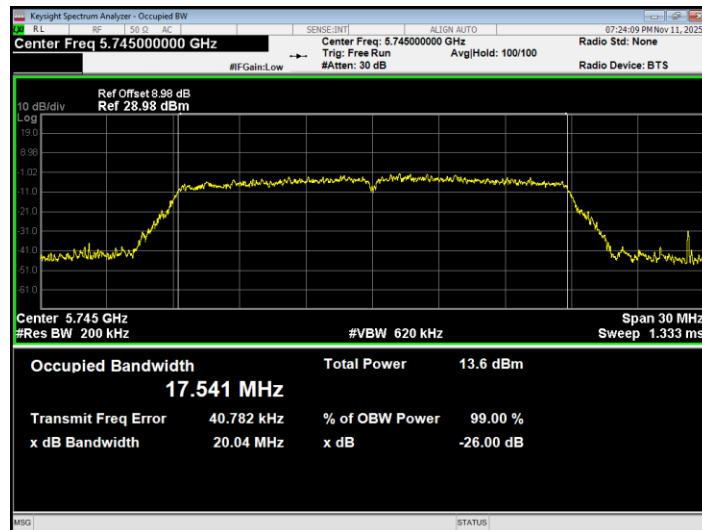


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OBW NVNT a 5825MHz Ant1



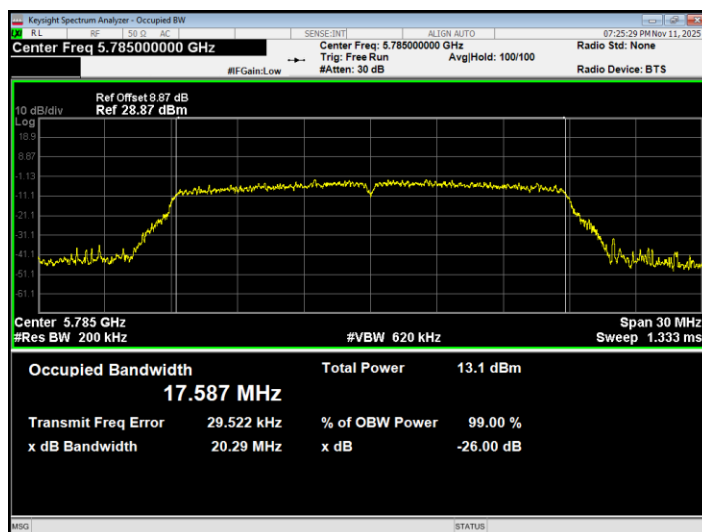
OBW NVNT ac20 5745MHz Ant1



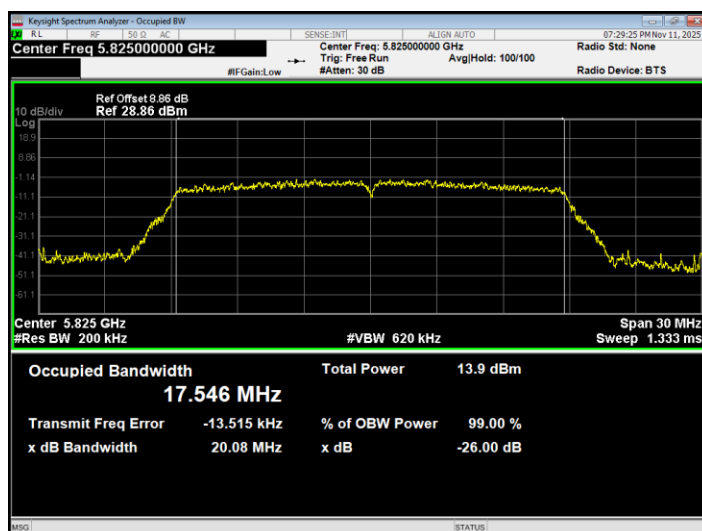


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OBW NVNT ac20 5785MHz Ant1



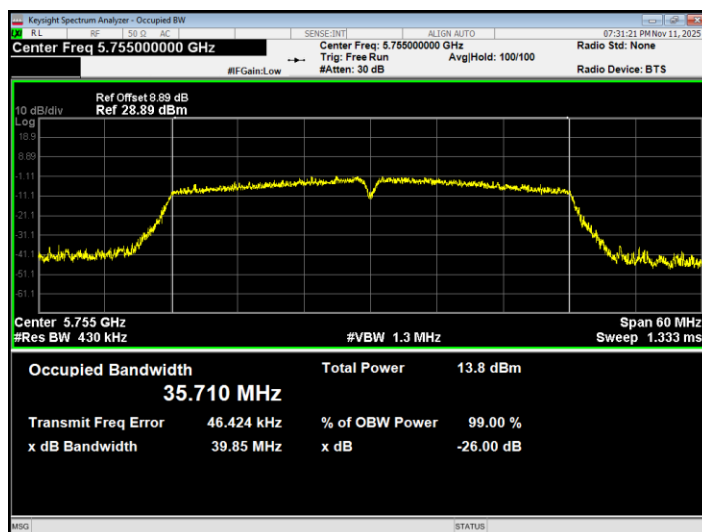
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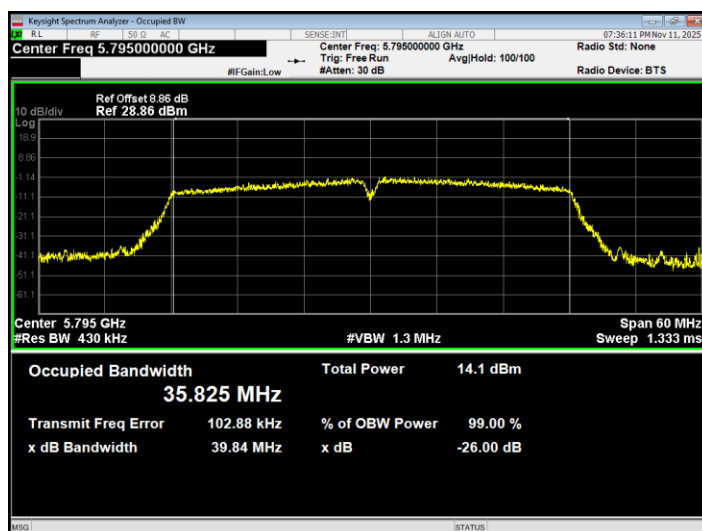


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OBW NVNT ac40 5755MHz Ant1



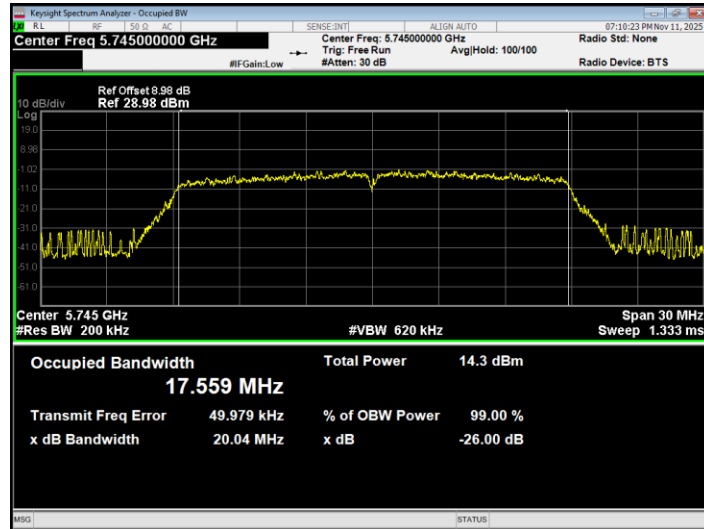
OBW NVNT ac40 5795MHz Ant1



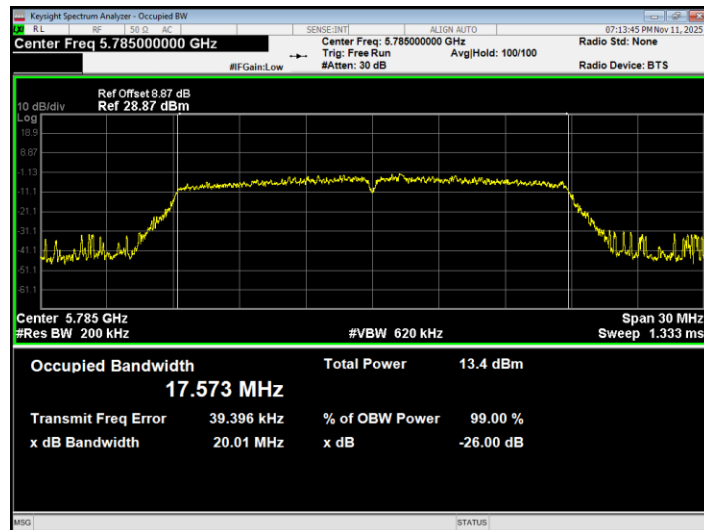


Shenzhen DL Testing Technology Co., Ltd.

OBW NVNT n20 5745MHz Ant1



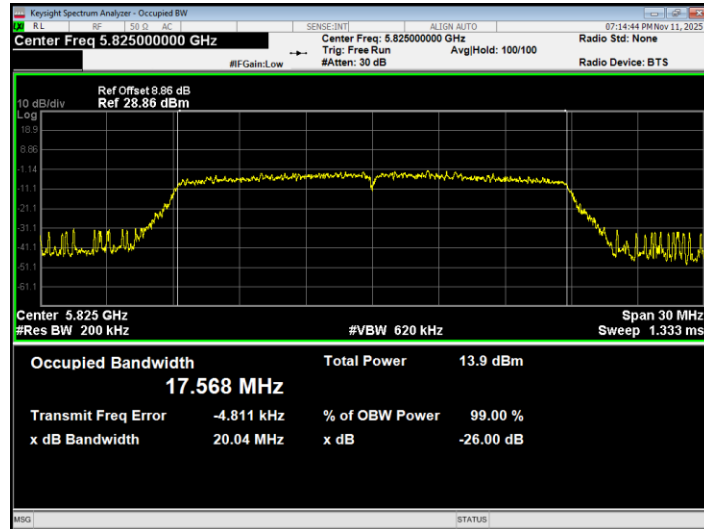
OBW NVNT n20 5785MHz Ant1



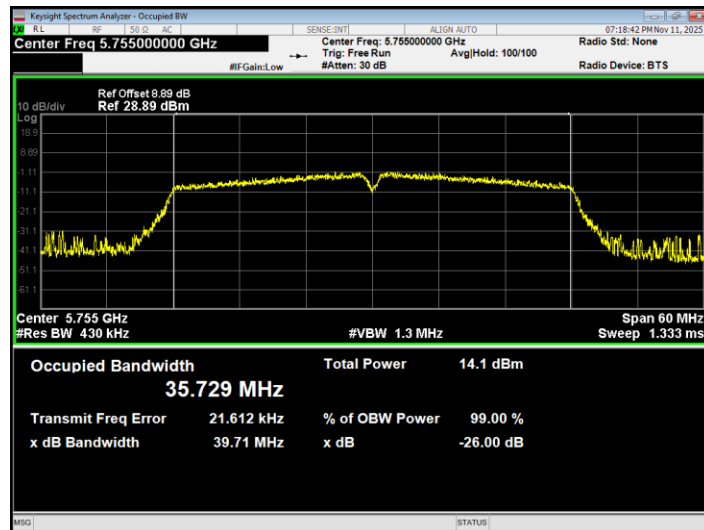


Shenzhen DL Testing Technology Co., Ltd.

OBW NVNT n20 5825MHz Ant1



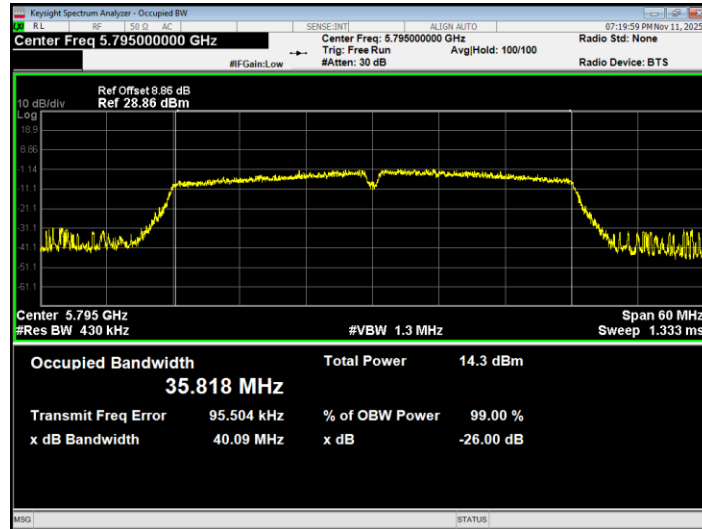
OBW NVNT n40 5755MHz Ant1





Shenzhen DL Testing Technology Co., Ltd.

OBW NVNT n40 5795MHz Ant1





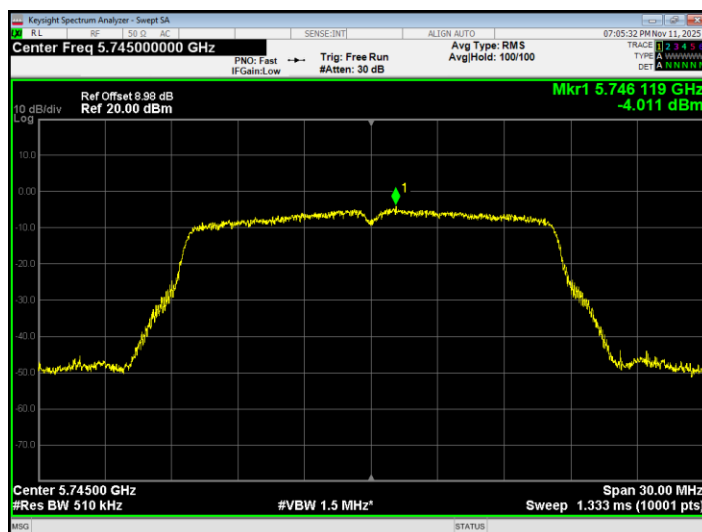
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-4.011	1.12	-2.891	30	Pass
NVNT	a	5785	Ant1	-5.031	1.06	-3.971	30	Pass
NVNT	a	5825	Ant1	-4.467	0.87	-3.597	30	Pass
NVNT	ac20	5745	Ant1	-4.992	0.13	-4.862	30	Pass
NVNT	ac20	5785	Ant1	-5.181	0.13	-5.051	30	Pass
NVNT	ac20	5825	Ant1	-4.373	0.13	-4.243	30	Pass
NVNT	ac40	5755	Ant1	-7.119	0.26	-6.859	30	Pass
NVNT	ac40	5795	Ant1	-7.145	0.26	-6.885	30	Pass
NVNT	n20	5745	Ant1	-4.368	0.13	-4.238	30	Pass
NVNT	n20	5785	Ant1	-5.142	0.16	-4.982	30	Pass
NVNT	n20	5825	Ant1	-4.614	0.13	-4.484	30	Pass
NVNT	n40	5755	Ant1	-7.056	0.33	-6.726	30	Pass
NVNT	n40	5795	Ant1	-6.931	0.33	-6.601	30	Pass



Shenzhen DL Testing Technology Co., Ltd.

PSD NVNT a 5745MHz Ant1



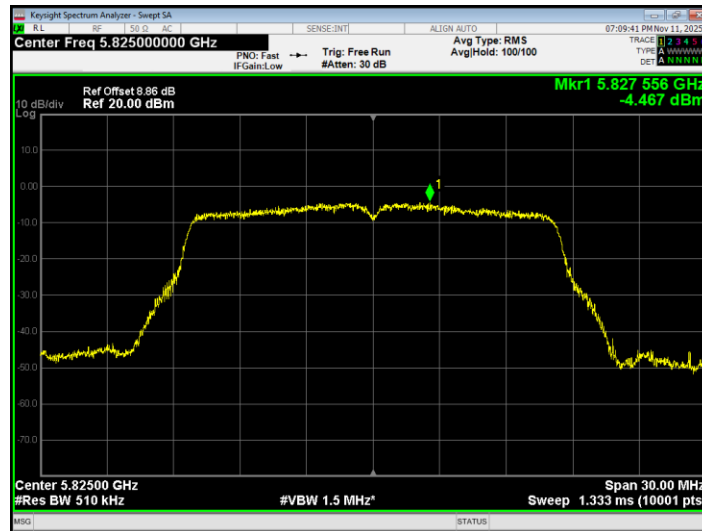
PSD NVNT a 5785MHz Ant1



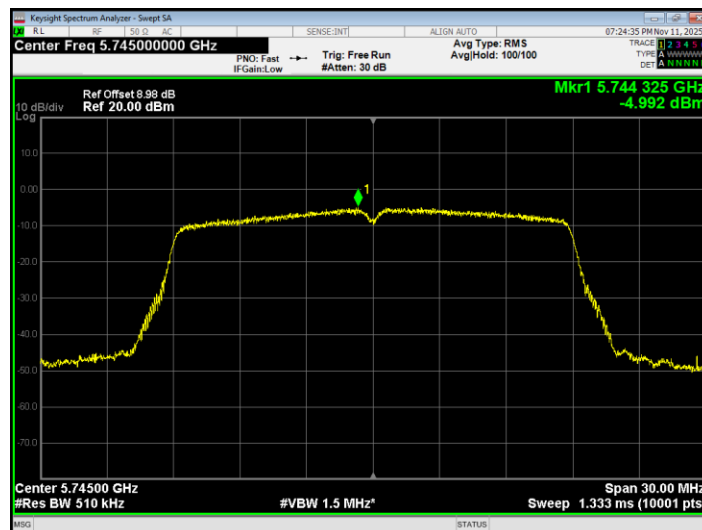


Shenzhen DL Testing Technology Co., Ltd.

PSD NVNT a 5825MHz Ant1



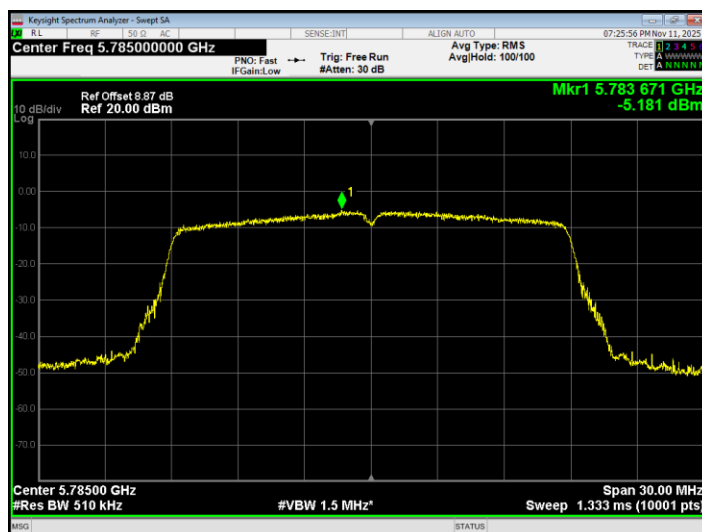
PSD NVNT ac20 5745MHz Ant1



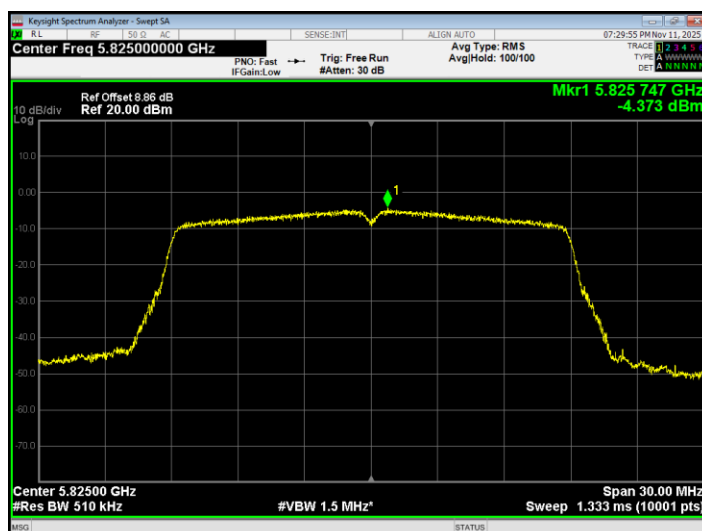


Shenzhen DL Testing Technology Co., Ltd.

PSD NVNT ac20 5785MHz Ant1



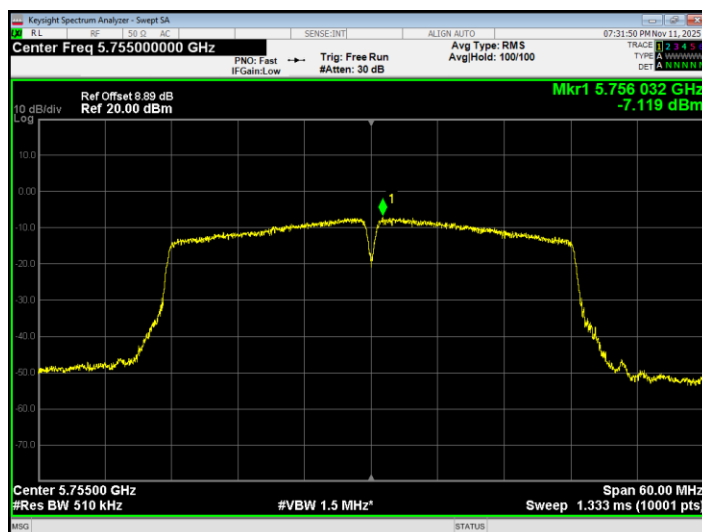
PSD NVNT ac20 5825MHz Ant1





Shenzhen DL Testing Technology Co., Ltd.

PSD NVNT ac40 5755MHz Ant1

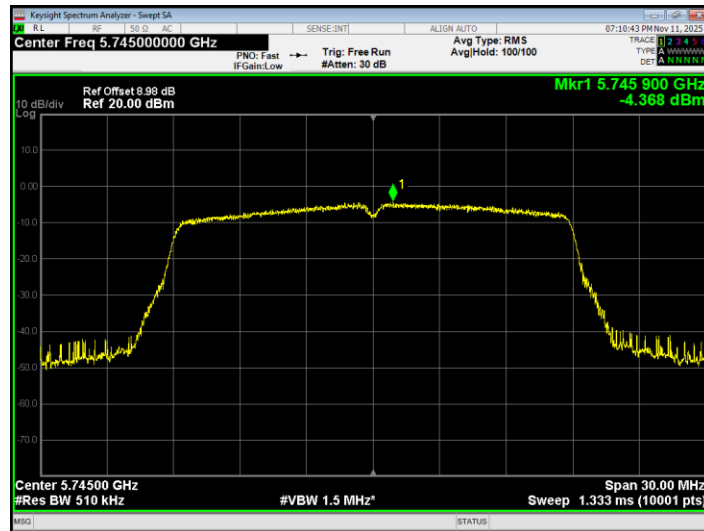


PSD NVNT ac40 5795MHz Ant1





PSD NVNT n20 5745MHz Ant1



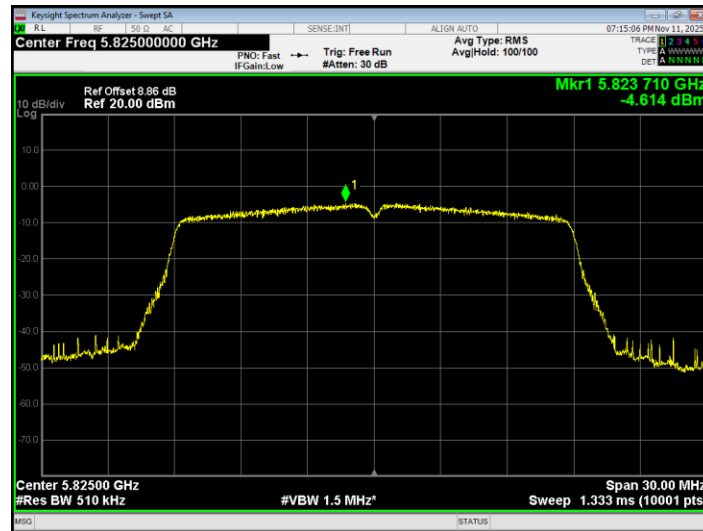
PSD NVNT n20 5785MHz Ant1





Shenzhen DL Testing Technology Co., Ltd.

PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1





Shenzhen DL Testing Technology Co., Ltd.

PSD NVNT n40 5795MHz Ant1

