

FCC ID: 2AZPS-PT586

Applicant: Shenzhen Gangshan Guanglian Electronics Tech. Co. Ltd.

Address: 3F, Building#11, Heshakeng Industrial Park, Sanlian Village, BujiTown, Longgang District, Shenzhen City, China

Manufacturer: Shenzhen Shi Gangshanguanglian (Dongguan) Ltd.

Address: No.1, Alley 1, Jinshan First Street, Luoma Village, Qingxi Town, Dongguan City, Guangdong Province, China

Product Name: camera

Trade Mark: N/A

Model Number: PT586, PT586F2, PT586H2

Date of Receipt: May. 08, 2026

Test Date: May. 08, 2026 - Jun. 12, 2026

Date of Report: Jun. 12, 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

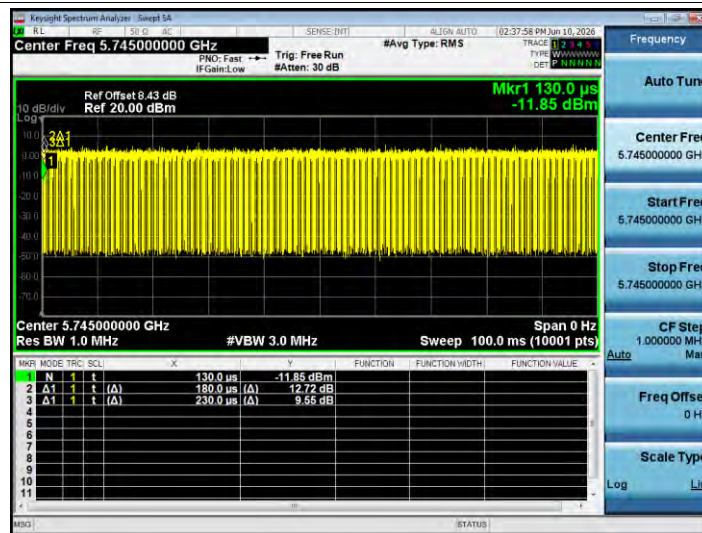
Test Result: Pass

Report Number: DLE-260509063R

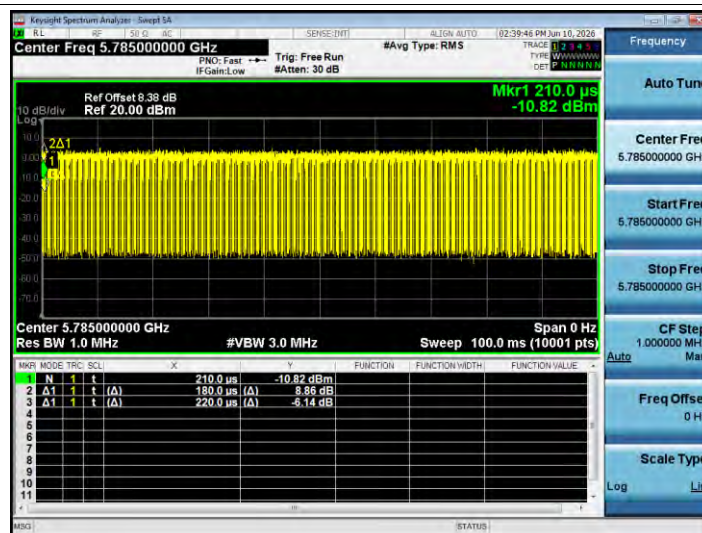
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	78.26	1.06	5.56
NVNT	a	5785	Ant1	81.82	0.87	5.56
NVNT	a	5825	Ant1	81.82	0.87	5.56
NVNT	n20	5745	Ant1	96.3	0.16	0.77
NVNT	n20	5785	Ant1	97.01	0.13	0.77
NVNT	n20	5825	Ant1	96.3	0.16	0.77
NVNT	n40	5755	Ant1	94.2	0.26	1.54
NVNT	n40	5795	Ant1	92.75	0.33	1.56
NVNT	ac20	5745	Ant1	97.06	0.13	0.76
NVNT	ac20	5785	Ant1	97.06	0.13	0.76
NVNT	ac20	5825	Ant1	97.04	0.13	0.76
NVNT	ac40	5755	Ant1	94.2	0.26	1.54
NVNT	ac40	5795	Ant1	94.29	0.26	1.52
NVNT	ac80	5775	Ant1	86.49	0.63	3.13

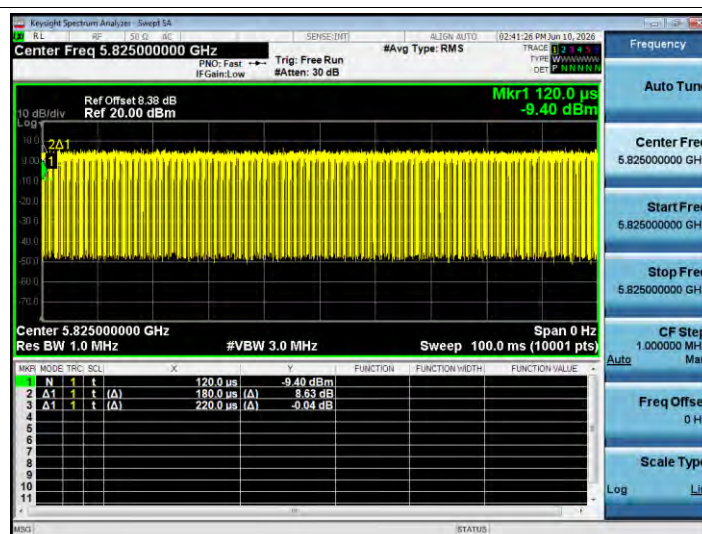
Report



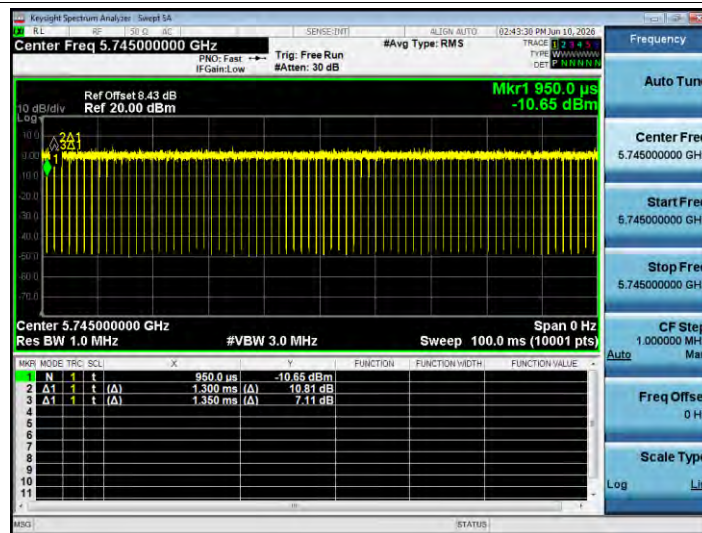
Duty Cycle NVNT a 5745MHz Ant1



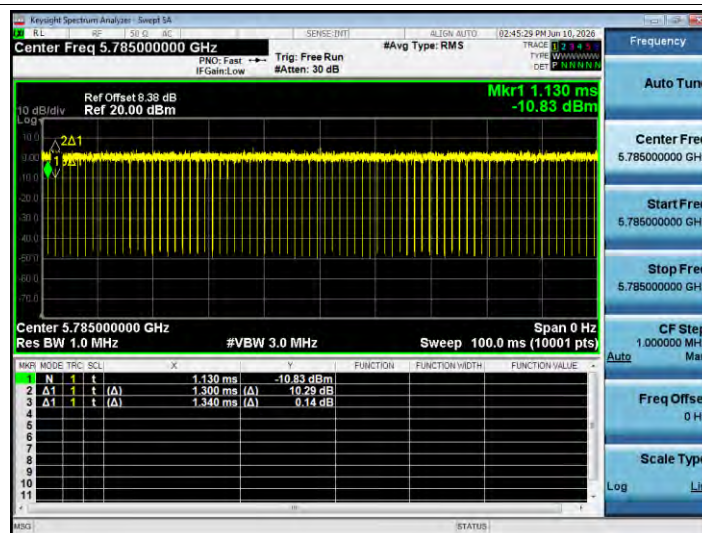
Duty Cycle NVNT a 5785MHz Ant1



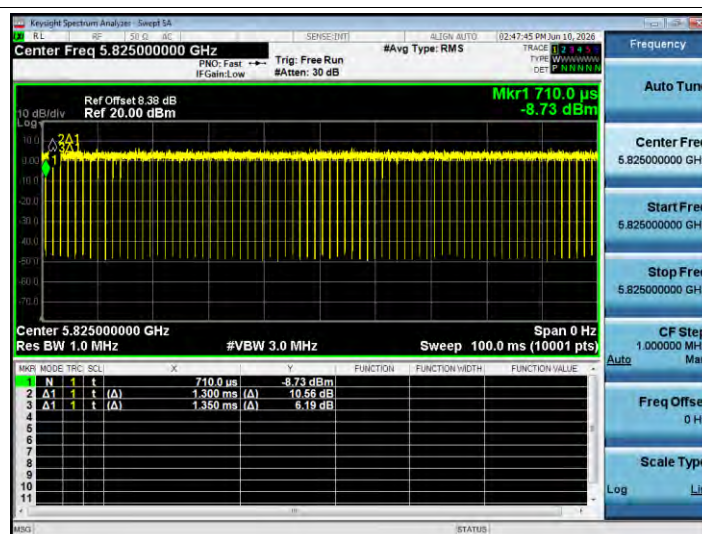
Duty Cycle NVNT a 5825MHz Ant1



Duty Cycle NVNT n20 5745MHz Ant1

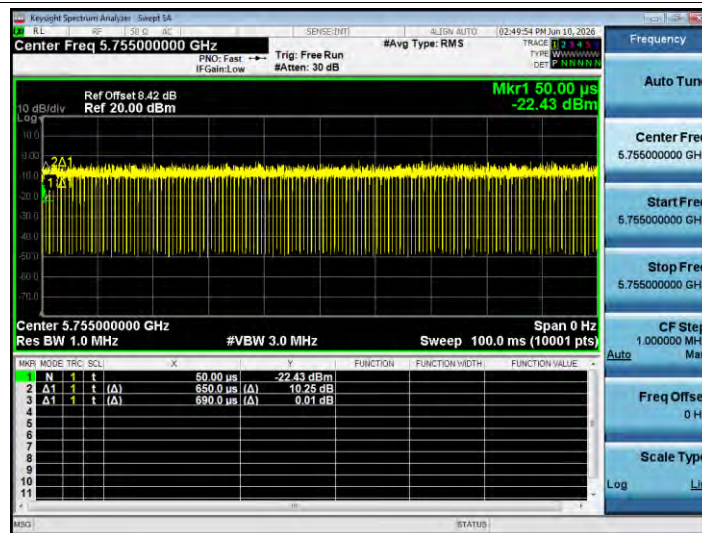


Duty Cycle NVNT n20 5785MHz Ant1

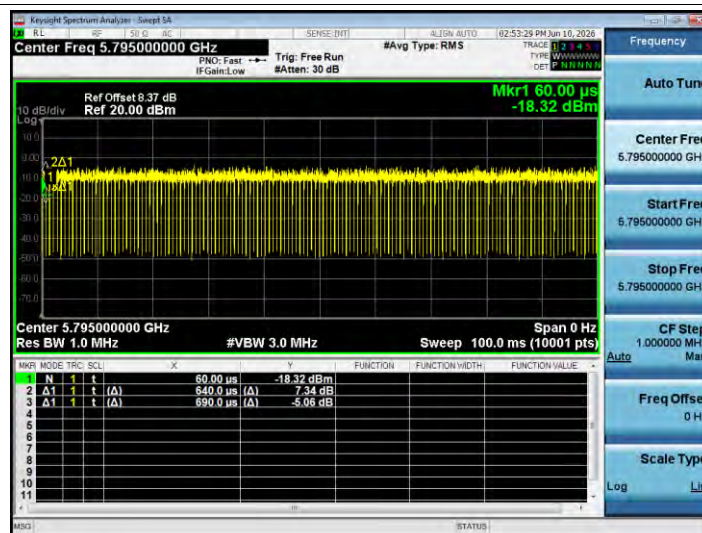


Duty Cycle NVNT n20 5825MHz Ant1

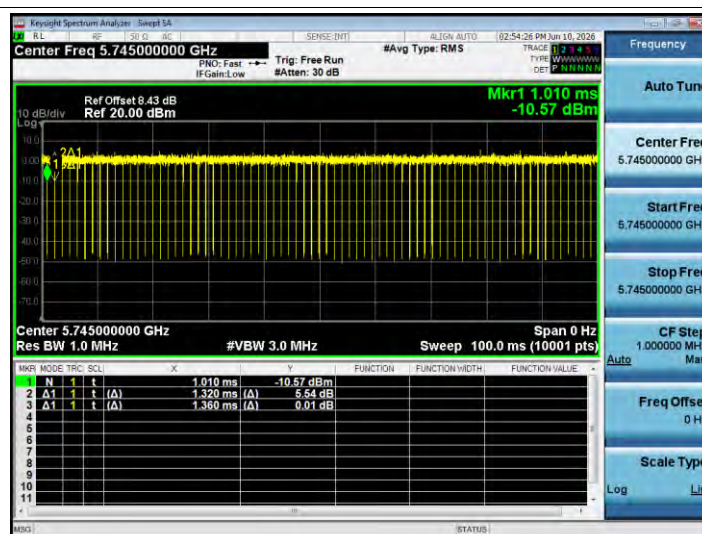
Report



Duty Cycle NVNT n40 5755MHz Ant1

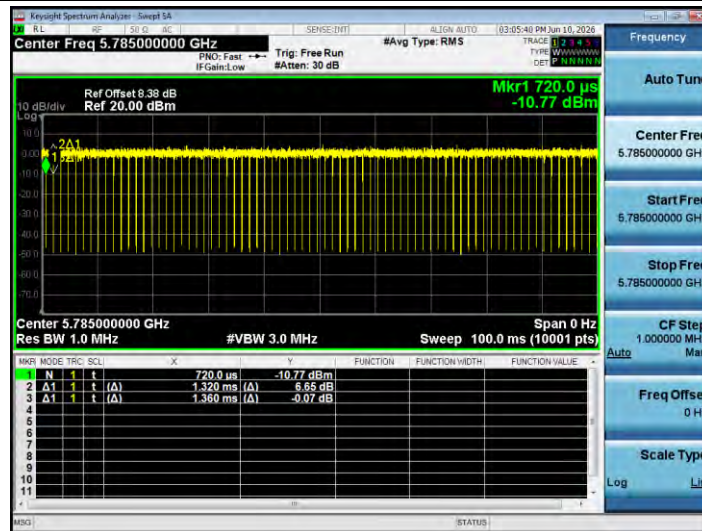


Duty Cycle NVNT n40 5795MHz Ant1

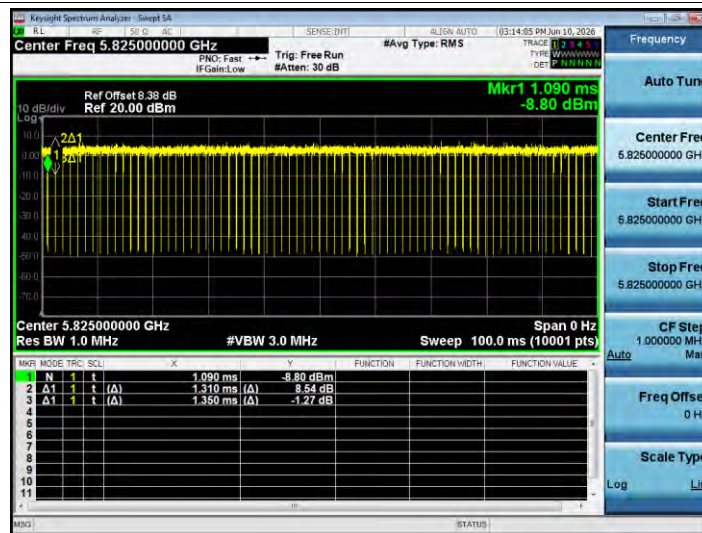


Duty Cycle NVNT ac20 5745MHz Ant1

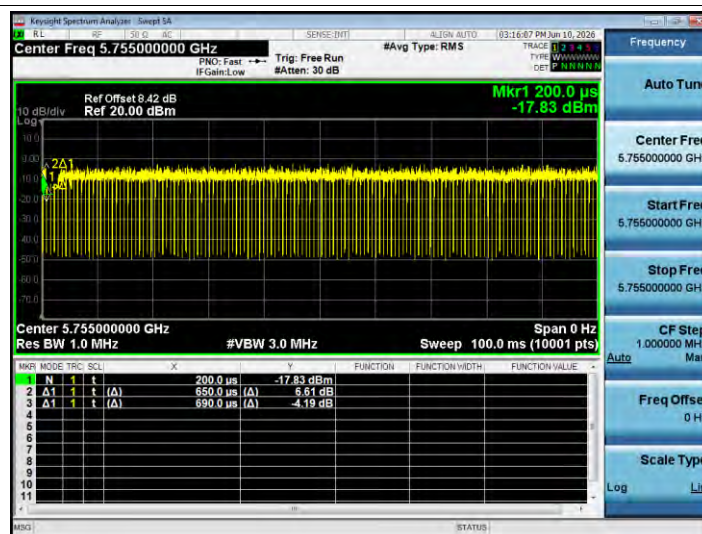
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Duty Cycle NVNT ac20 5785MHz Ant1

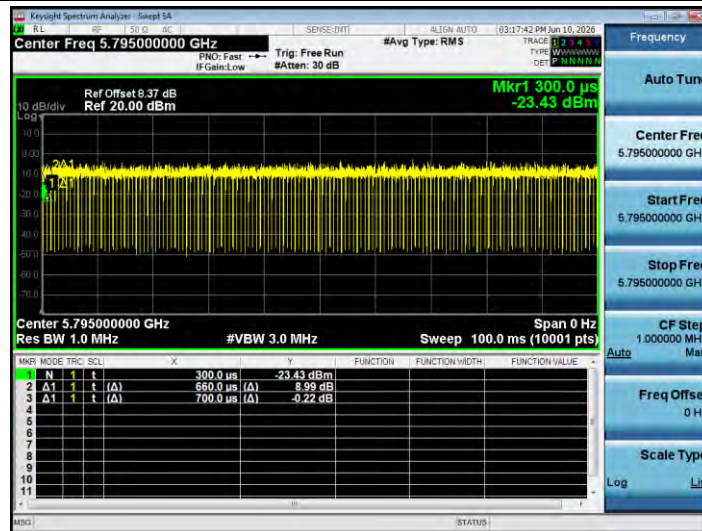


Duty Cycle NVNT ac20 5825MHz Ant1

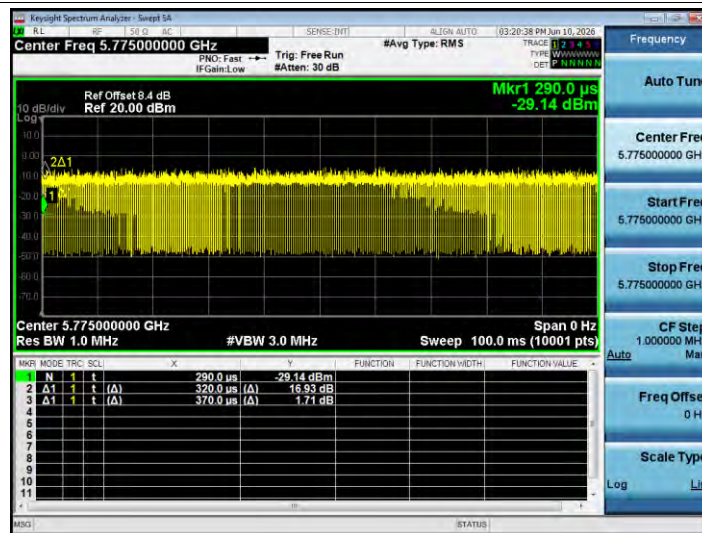


Duty Cycle NVNT ac40 5755MHz Ant1

Report



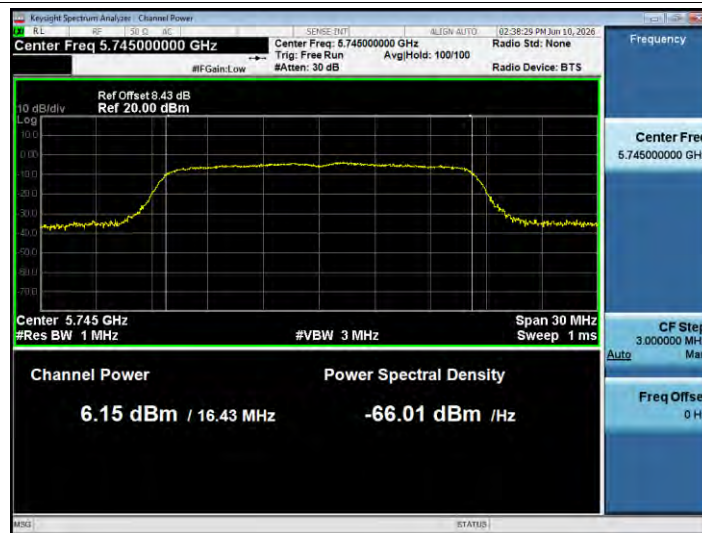
Duty Cycle NVNT ac40 5795MHz Ant1



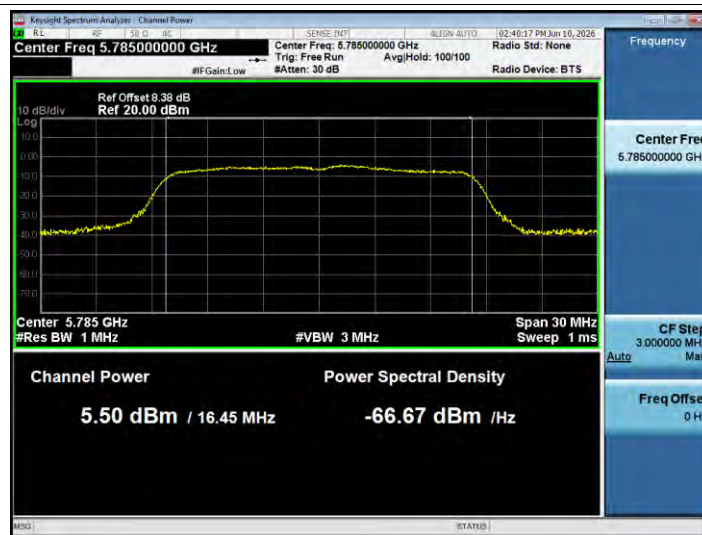
Duty Cycle NVNT ac80 5775MHz Ant1

Maximum Conducted Output Power

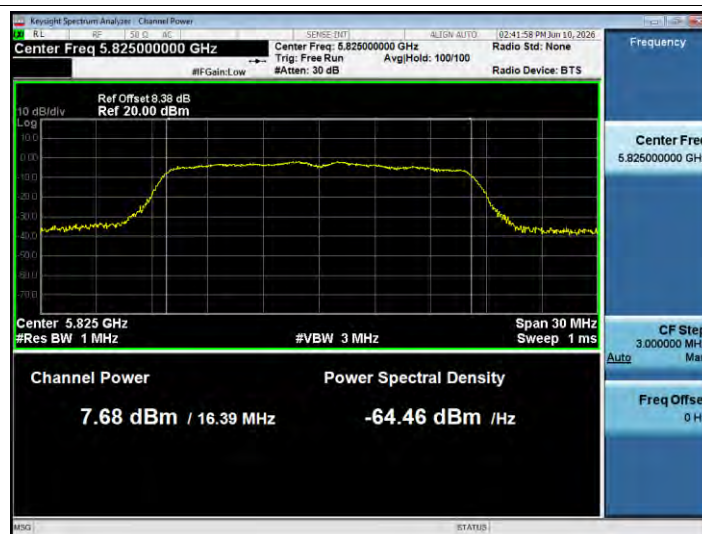
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Limit Conducted(dBm)	Verdict
NVNT	a	5745	Ant1	6.15	1.06	7.21	30	Pass
NVNT	a	5785	Ant1	5.5	0.87	6.37	30	Pass
NVNT	a	5825	Ant1	7.68	0.87	8.55	30	Pass
NVNT	n20	5745	Ant1	6.76	0.16	6.92	30	Pass
NVNT	n20	5785	Ant1	6.69	0.13	6.82	30	Pass
NVNT	n20	5825	Ant1	8.63	0.16	8.79	30	Pass
NVNT	n40	5755	Ant1	4.28	0.26	4.54	30	Pass
NVNT	n40	5795	Ant1	3.83	0.33	4.16	30	Pass
NVNT	ac20	5745	Ant1	6.81	0.13	6.94	30	Pass
NVNT	ac20	5785	Ant1	6.65	0.13	6.78	30	Pass
NVNT	ac20	5825	Ant1	8.73	0.13	8.86	30	Pass
NVNT	ac40	5755	Ant1	4.12	0.26	4.38	30	Pass
NVNT	ac40	5795	Ant1	3.98	0.26	4.24	30	Pass
NVNT	ac80	5775	Ant1	4.11	0.63	4.74	30	Pass



Power NVNT a 5745MHz Ant1



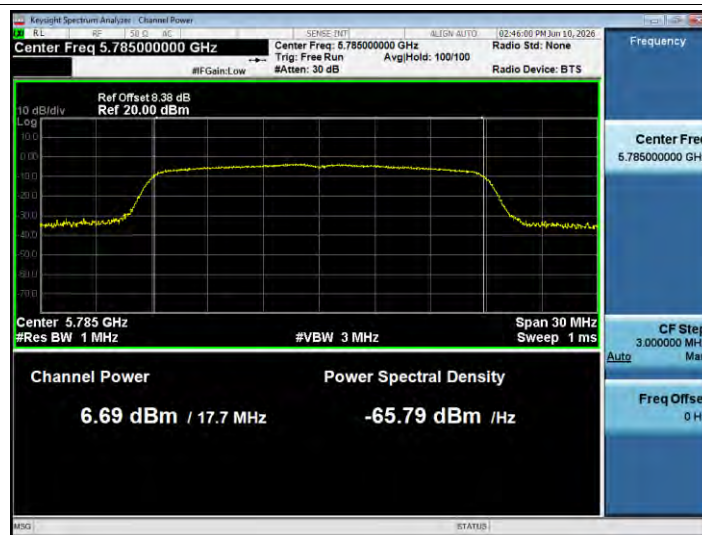
Power NVNT a 5785MHz Ant1



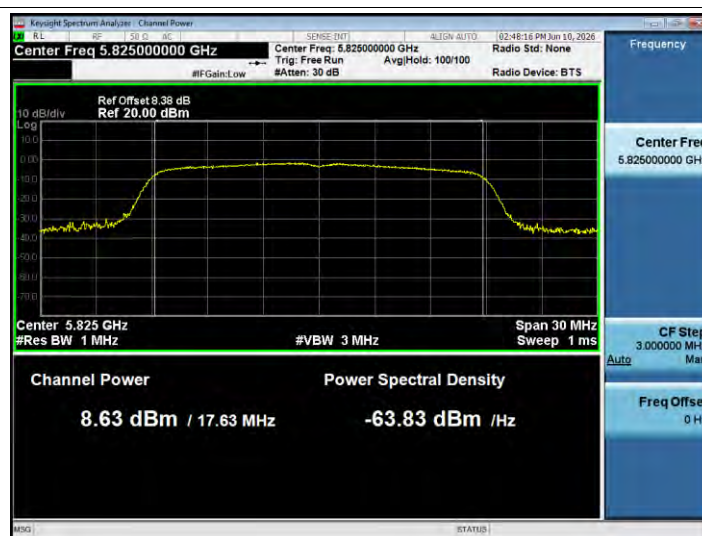
Power NVNT a 5825MHz Ant1



Power NVNT n20 5745MHz Ant1



Power NVNT n20 5785MHz Ant1



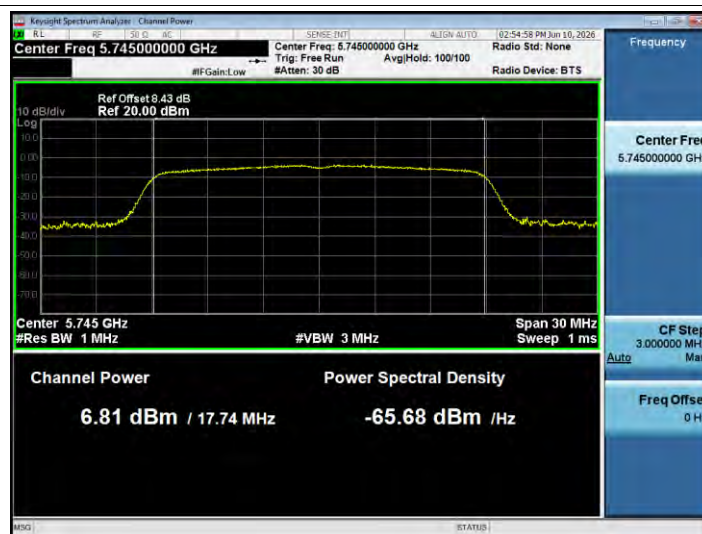
Power NVNT n20 5825MHz Ant1



Power NVNT n40 5755MHz Ant1



Power NVNT n40 5795MHz Ant1



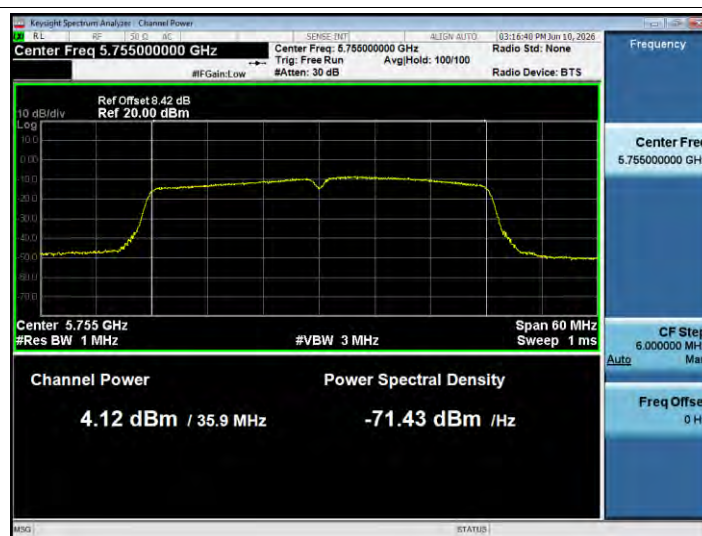
Power NVNT ac20 5745MHz Ant1



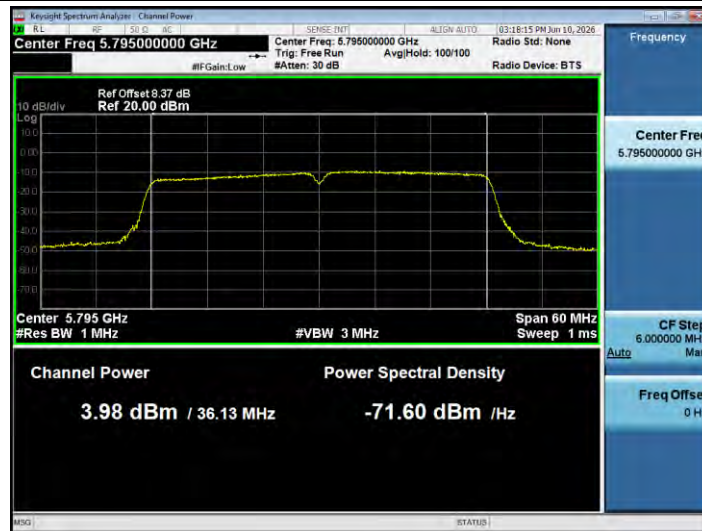
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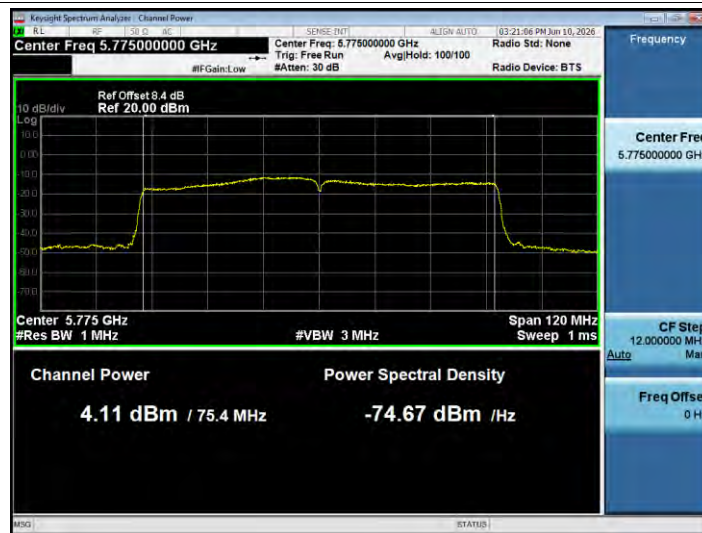
Power NVNT ac20 5825MHz Ant1



Power NVNT ac40 5755MHz Ant1



Power NVNT ac40 5795MHz Ant1



Power NVNT ac80 5775MHz Ant1

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.05	0.5	Pass
NVNT	a	5785	Ant1	16.26	0.5	Pass
NVNT	a	5825	Ant1	15.71	0.5	Pass
NVNT	n20	5745	Ant1	15.95	0.5	Pass
NVNT	n20	5785	Ant1	15.06	0.5	Pass
NVNT	n20	5825	Ant1	15.06	0.5	Pass
NVNT	n40	5755	Ant1	35.07	0.5	Pass
NVNT	n40	5795	Ant1	35.44	0.5	Pass
NVNT	ac20	5745	Ant1	16.27	0.5	Pass
NVNT	ac20	5785	Ant1	15.31	0.5	Pass
NVNT	ac20	5825	Ant1	15.07	0.5	Pass
NVNT	ac40	5755	Ant1	35.08	0.5	Pass
NVNT	ac40	5795	Ant1	35.31	0.5	Pass
NVNT	ac80	5775	Ant1	73.83	0.5	Pass

Report



-6dB Bandwidth NVNT a 5745MHz Ant1



-6dB Bandwidth NVNT a 5785MHz Ant1



-6dB Bandwidth NVNT a 5825MHz Ant1

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-6dB Bandwidth NVNT n20 5745MHz Ant1



-6dB Bandwidth NVNT n20 5785MHz Ant1



-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1



-6dB Bandwidth NVNT ac20 5745MHz Ant1



-6dB Bandwidth NVNT ac20 5785MHz Ant1



-6dB Bandwidth NVNT ac20 5825MHz Ant1



-6dB Bandwidth NVNT ac40 5755MHz Ant1

Report



-6dB Bandwidth NVNT ac40 5795MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant1

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.428
NVNT	a	5785	Ant1	16.451
NVNT	a	5825	Ant1	16.391
NVNT	n20	5745	Ant1	17.725
NVNT	n20	5785	Ant1	17.7
NVNT	n20	5825	Ant1	17.631
NVNT	n40	5755	Ant1	35.866
NVNT	n40	5795	Ant1	36.143
NVNT	ac20	5745	Ant1	17.736
NVNT	ac20	5785	Ant1	17.715
NVNT	ac20	5825	Ant1	17.627
NVNT	ac40	5755	Ant1	35.899
NVNT	ac40	5795	Ant1	36.13
NVNT	ac80	5775	Ant1	75.402

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



OBW NVNT ac20 5745MHz Ant1

Report



OBW NVNT ac20 5785MHz Ant1



OBW NVNT ac20 5825MHz Ant1



OBW NVNT ac40 5755MHz Ant1

Report



OBW NVNT ac40 5795MHz Ant1



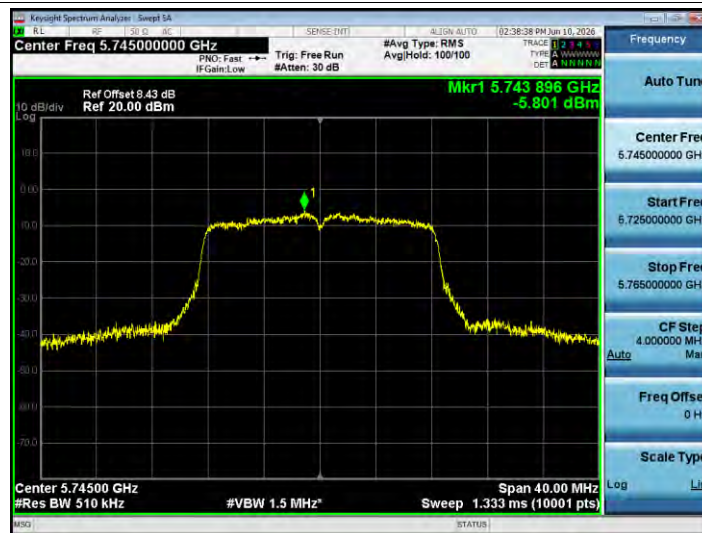
OBW NVNT ac80 5775MHz Ant1

Maximum Power Spectral Density Level

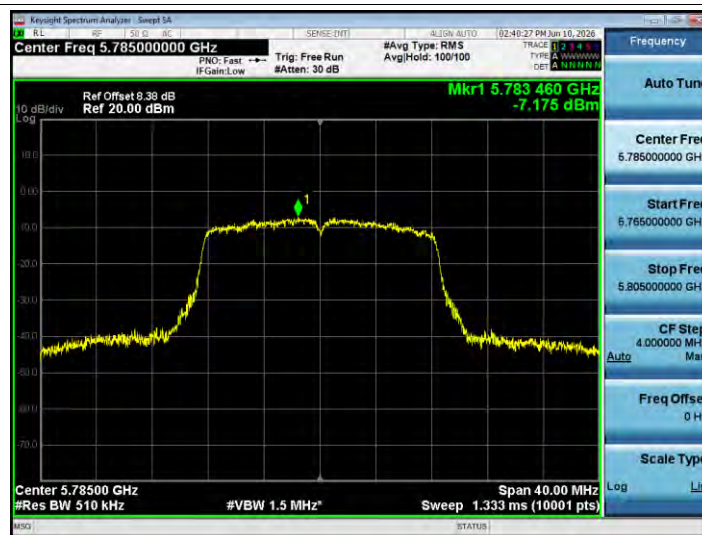
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/510kHz)	Duty Factor (dB)	RB factor (dB)	Total Conducted PSD (dBm/500kHz)	Limit Conducted (dBm/500kHz)	Verdict
NVNT	a	5745	Ant1	-5.8	1.06	0.09	-4.65	30	Pass
NVNT	a	5785	Ant1	-7.18	0.87	0.09	-6.22	30	Pass
NVNT	a	5825	Ant1	-4.71	0.87	0.09	-3.75	30	Pass
NVNT	n20	5745	Ant1	-6.2	0.16	0.09	-5.95	30	Pass
NVNT	n20	5785	Ant1	-6.24	0.13	0.09	-6.02	30	Pass
NVNT	n20	5825	Ant1	-4.24	0.16	0.09	-3.99	30	Pass
NVNT	n40	5755	Ant1	-10.98	0.26	0.09	-10.63	30	Pass
NVNT	n40	5795	Ant1	-12.37	0.33	0.09	-11.95	30	Pass
NVNT	ac20	5745	Ant1	-6.2	0.13	0.09	-5.98	30	Pass
NVNT	ac20	5785	Ant1	-6.2	0.13	0.09	-5.98	30	Pass
NVNT	ac20	5825	Ant1	-3.56	0.13	0.09	-3.34	30	Pass
NVNT	ac40	5755	Ant1	-10.8	0.26	0.09	-10.45	30	Pass
NVNT	ac40	5795	Ant1	-12.29	0.26	0.09	-11.94	30	Pass
NVNT	ac80	5775	Ant1	-14.85	0.63	0.09	-14.13	30	Pass

Note: RB factor= $10\log(510/500k)$

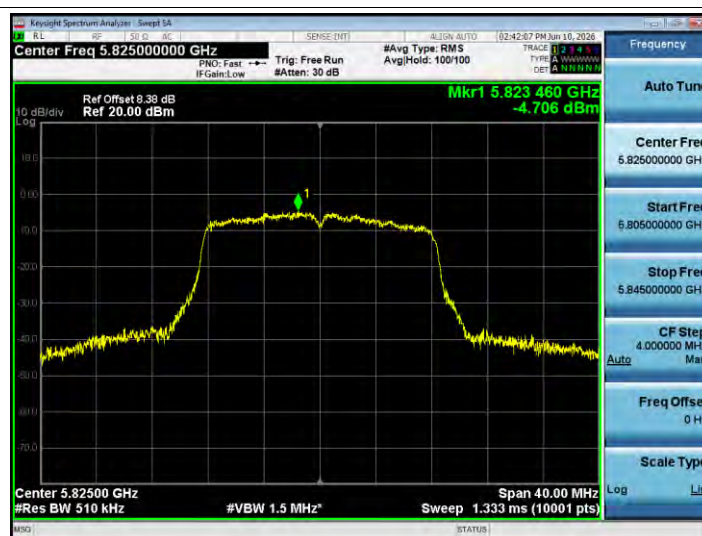
Report



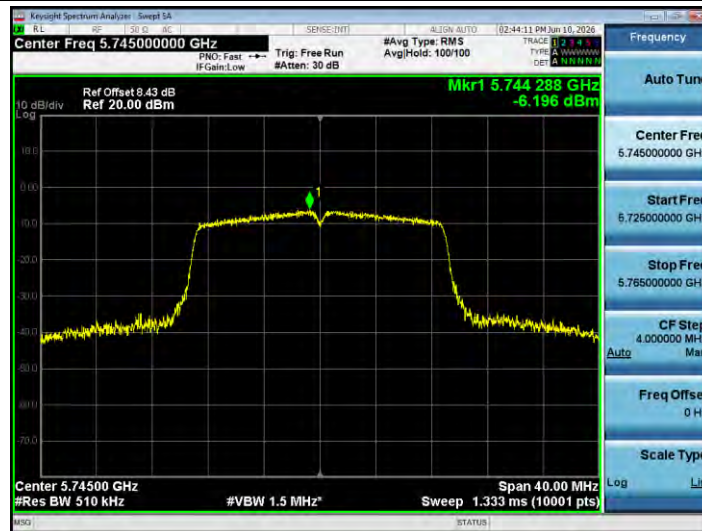
PSD NVNT a 5745MHz Ant1



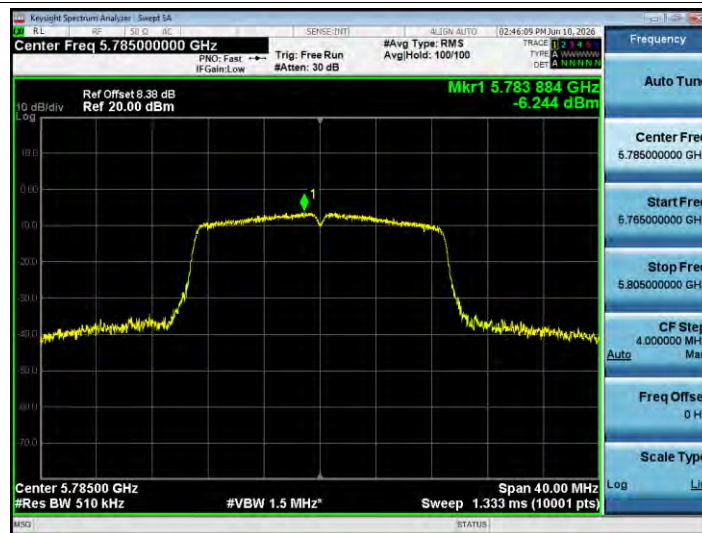
PSD NVNT a 5785MHz Ant1



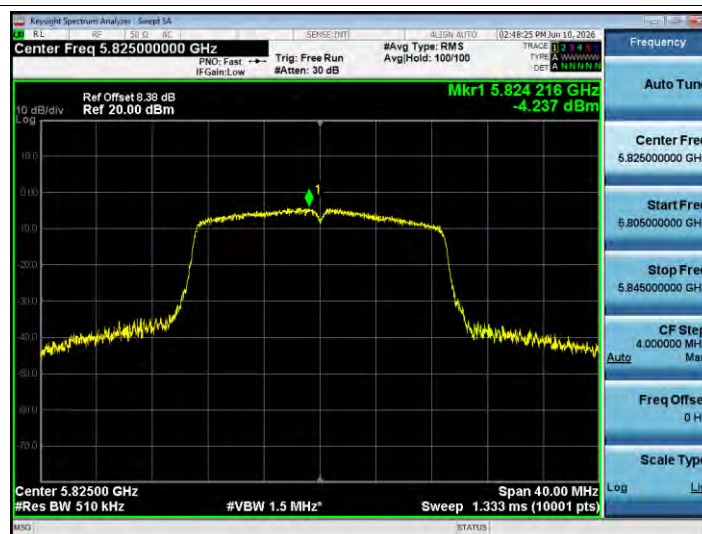
PSD NVNT a 5825MHz Ant1



PSD NVNT n20 5745MHz Ant1



PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1

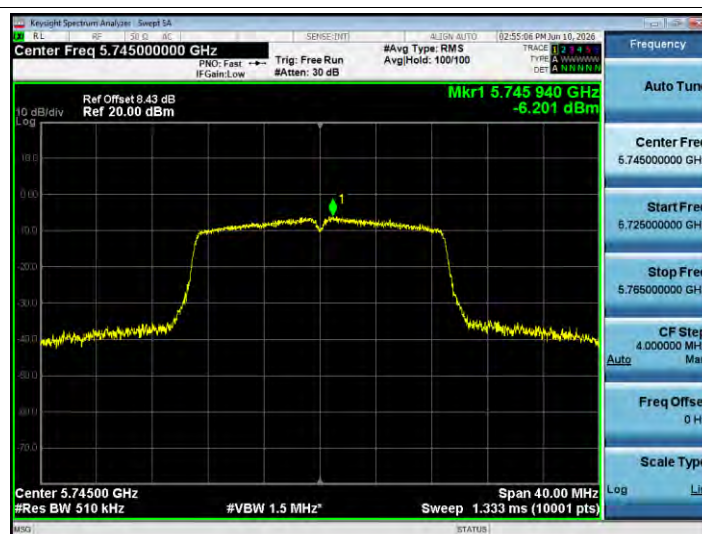
Report



PSD NVNT n40 5755MHz Ant1

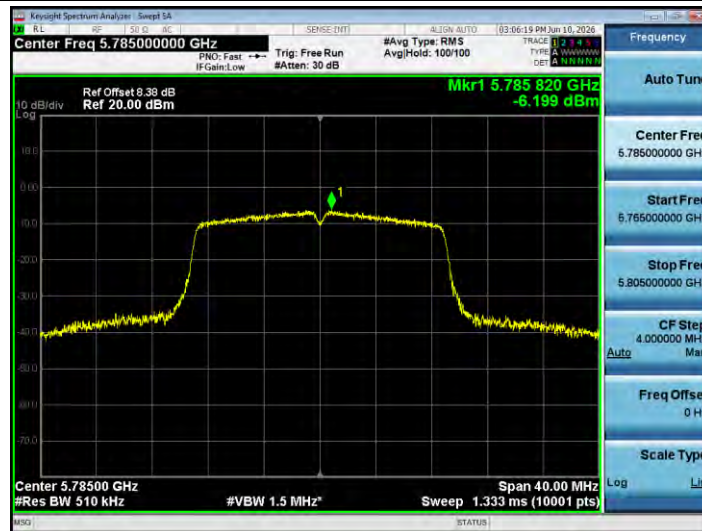


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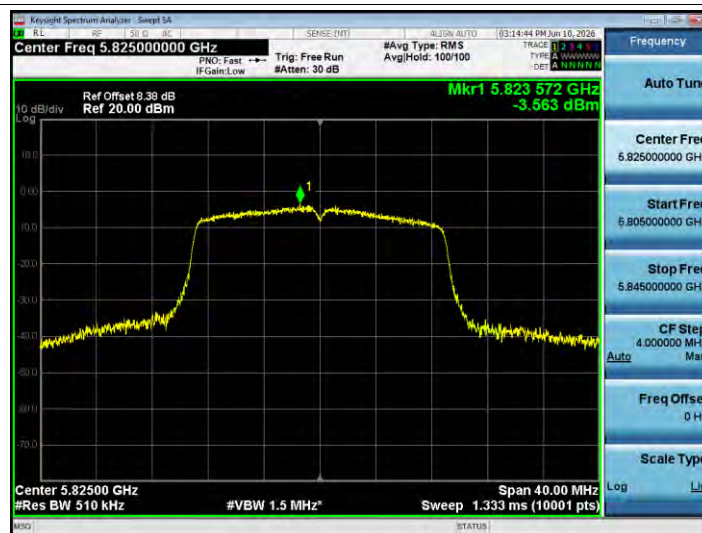


PSD NVNT ac20 5745MHz Ant1

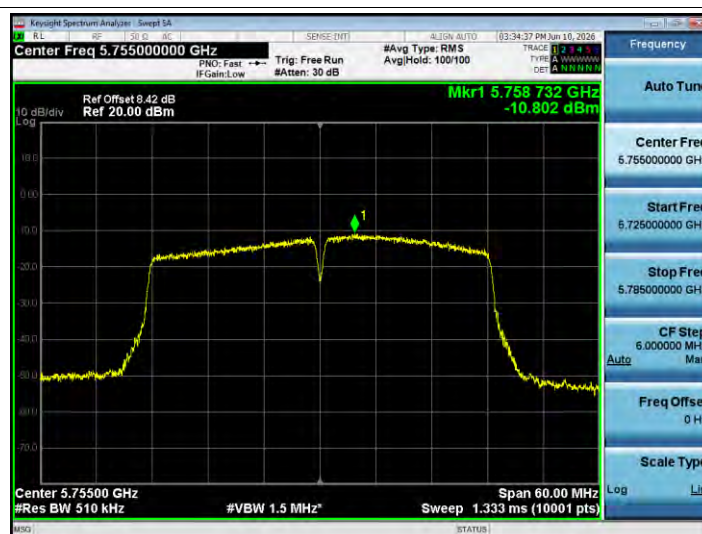
Report



PSD NVNT ac20 5785MHz Ant1



PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac40 5755MHz Ant1

Report



PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5775MHz Ant1

Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-42.17	-27	Pass
NVNT	a	5825	Ant1	-41.17	-27	Pass
NVNT	n20	5745	Ant1	-42.34	-27	Pass
NVNT	n20	5825	Ant1	-41.5	-27	Pass
NVNT	n40	5755	Ant1	-42.14	-27	Pass
NVNT	n40	5795	Ant1	-42.44	-27	Pass
NVNT	ac20	5745	Ant1	-41.97	-27	Pass
NVNT	ac20	5825	Ant1	-41.57	-27	Pass
NVNT	ac40	5755	Ant1	-41.76	-27	Pass
NVNT	ac40	5795	Ant1	-41.9	-27	Pass
NVNT	ac80	5775	Ant1	-43.23	-4.65	Pass



Band Edge NVNT a 5745MHz Low Ant1



Band Edge NVNT a 5825MHz High Ant1



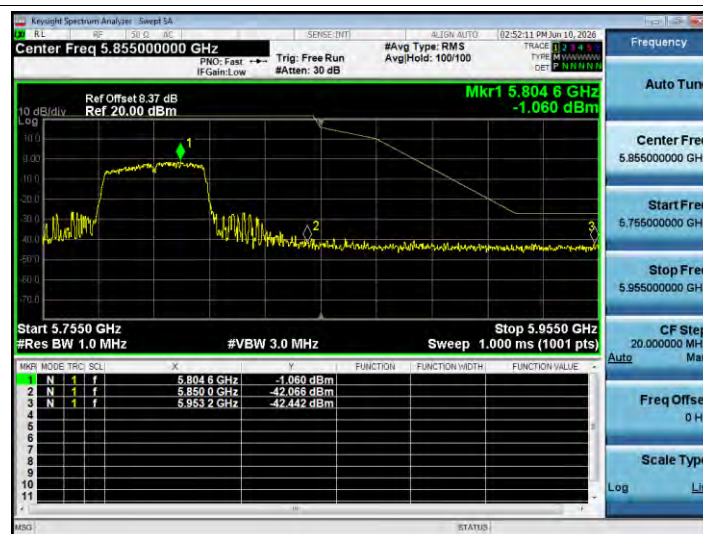
Band Edge NVNT n20 5745MHz Low Ant1



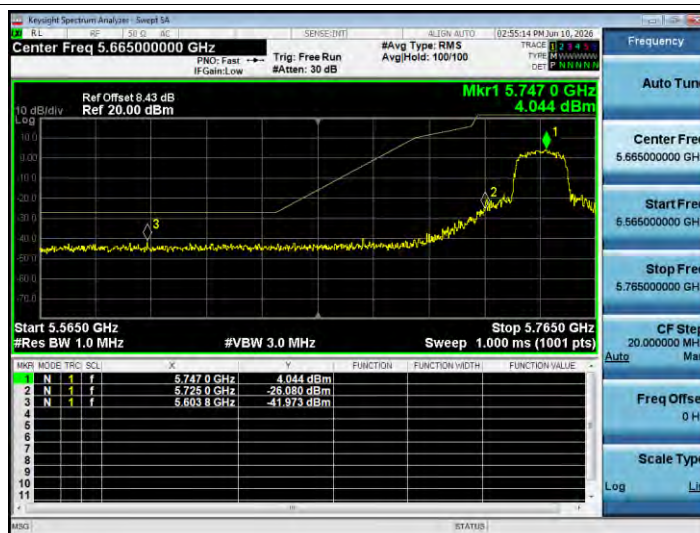
Band Edge NVNT n20 5825MHz High Ant1



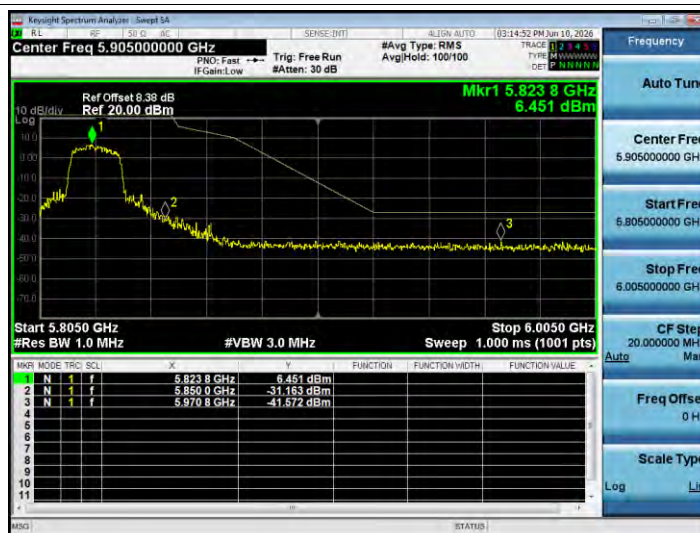
Band Edge NVNT n40 5755MHz Low Ant1



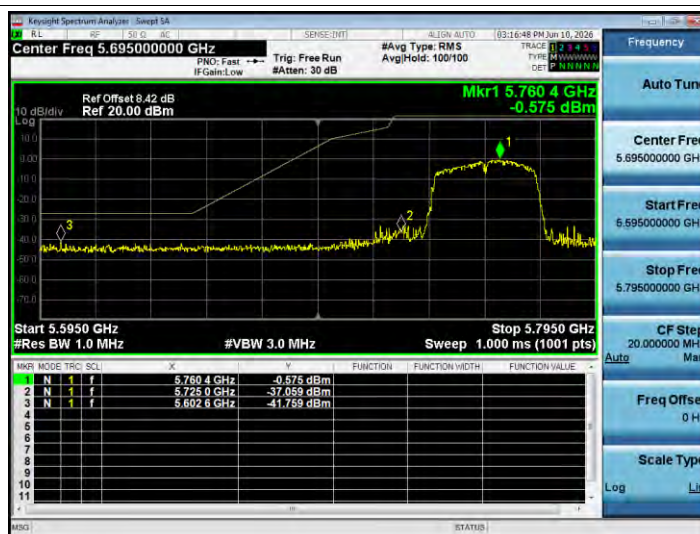
Band Edge NVNT n40 5795MHz High Ant1



Band Edge NVNT ac20 5745MHz Low Ant1



Band Edge NVNT ac20 5825MHz High Ant1

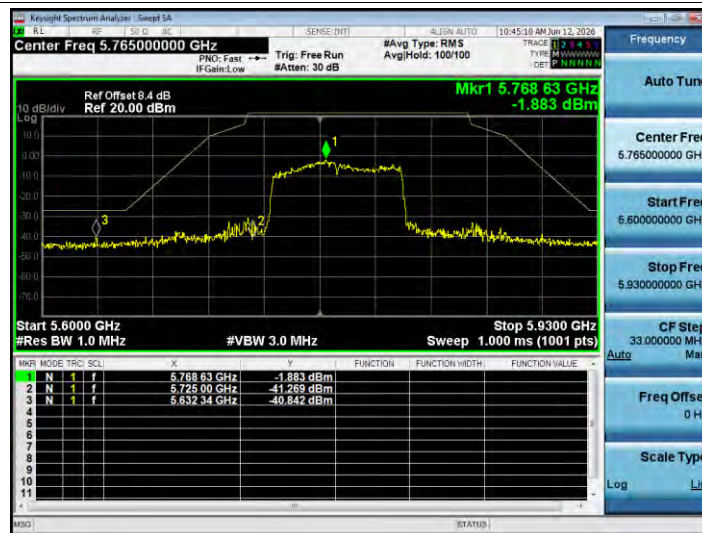


Band Edge NVNT ac40 5755MHz Low Ant1

Report



Band Edge NVNT ac40 5795MHz High Ant1



Band Edge NVNT ac80 5775MHz High Ant1