

Appendix 1

FCC Test Report

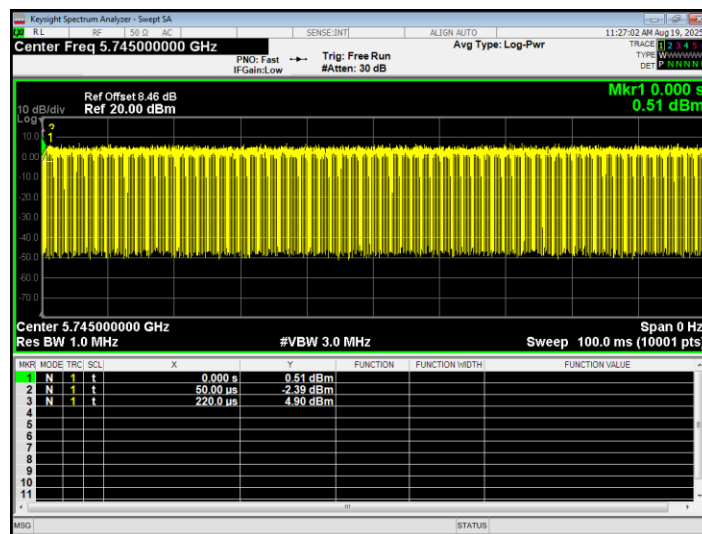
FCC ID: OYR-CF-E312AV2

Applicant:	Shenzhen Four Seas Global Link Network Technology Co., Ltd
Address:	9/F, Block H, South China Digital Valley, No.1 South China Road, Longhua District, Shenzhen, China
Manufacturer:	Shenzhen Four Seas Global Link Network Technology Co., Ltd
Address:	9/F, Block H, South China Digital Valley, No.1 South China Road, Longhua District, Shenzhen, China
EUT:	Outdoor CPE Wireless Bridge
Trade Mark:	COMFAST
Model Number:	CF-E312A V2 CF-E314N V2, CF-E313AC V2, CF-E112N V2, CF-E113A V2, CF-E319A V2, CF-E313AC, CF-E317A, CF-E315D, CF-E130N V2
Date of Receipt:	Aug. 12, 2025
Test Date:	Aug. 12, 2025 - Aug. 21, 2025
Date of Report:	Aug. 21, 2025
Prepared By:	Shenzhen LGT Test Service Co., Ltd.
Address:	Room 205, Building 13, Zone B, Chen Hsong Industrial Park, No.177 Renmin West Road, Jinsha Community, Kengzi Street, Pingshan New District, Shenzhen, China
Test Result:	Pass

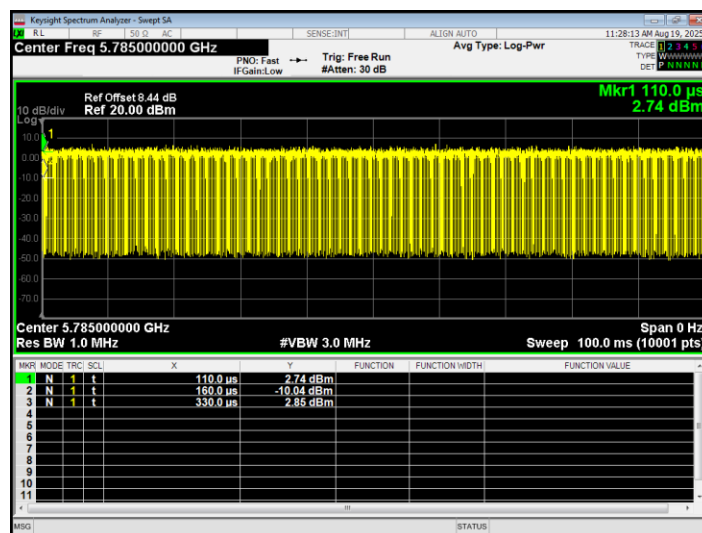
Duty Cycle

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

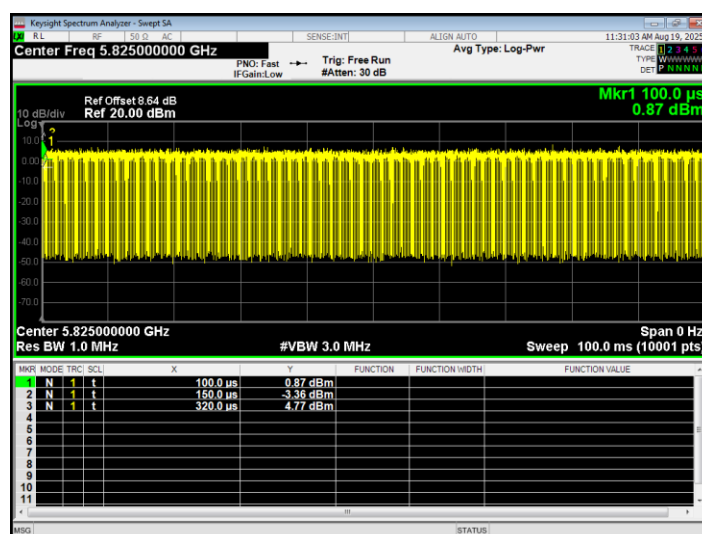
Duty Cycle NVNT a 5745MHz Ant1



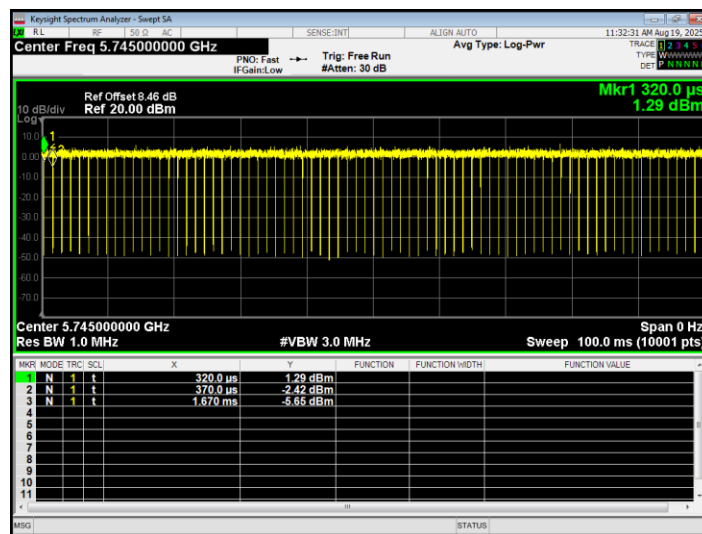
Duty Cycle NVNT a 5785MHz Ant1



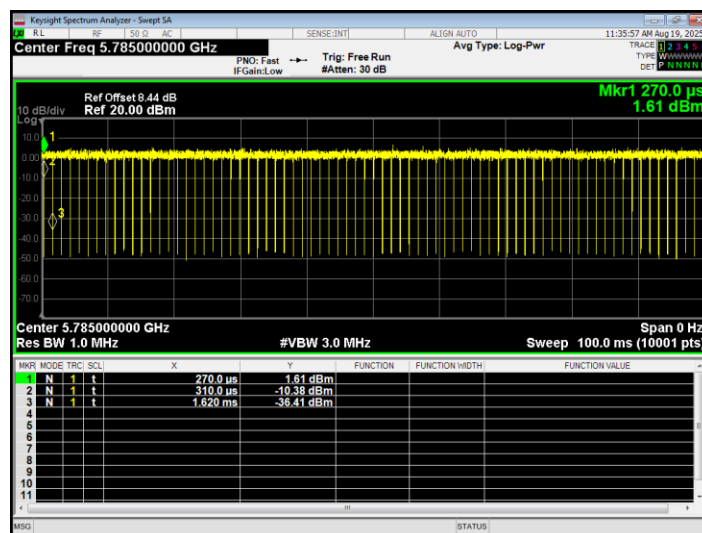
Duty Cycle NVNT a 5825MHz Ant1



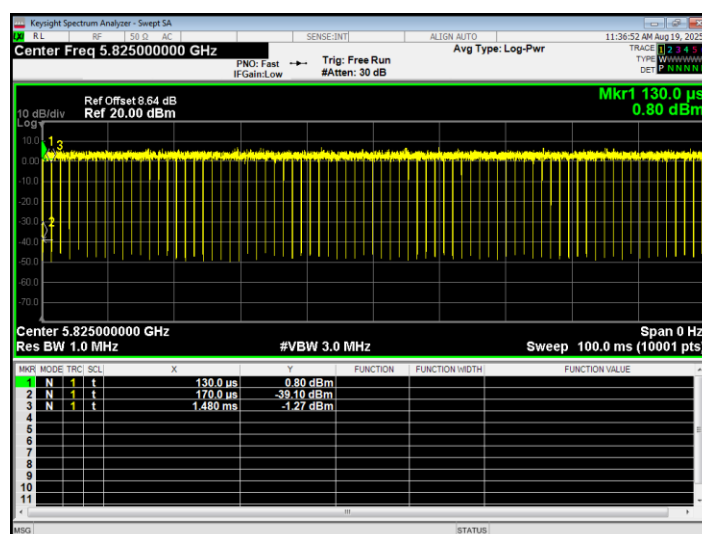
Duty Cycle NVNT n20 5745MHz Ant1



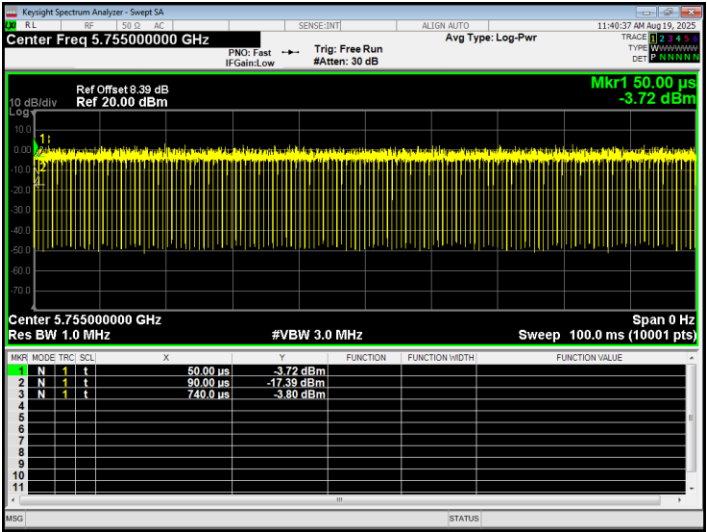
Duty Cycle NVNT n20 5785MHz Ant1



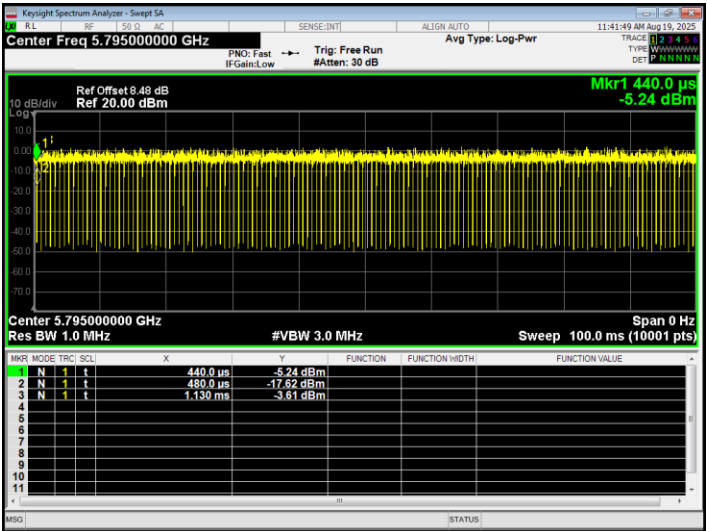
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



Duty Cycle NVNT n40 5795MHz Ant1

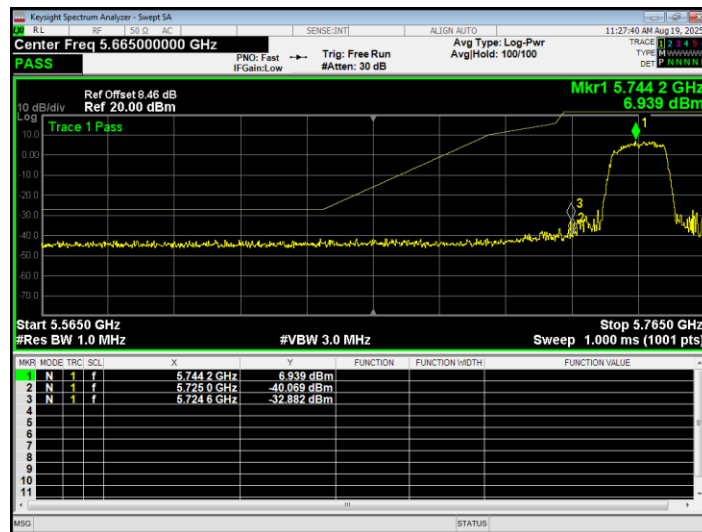


Conducted Band Edge

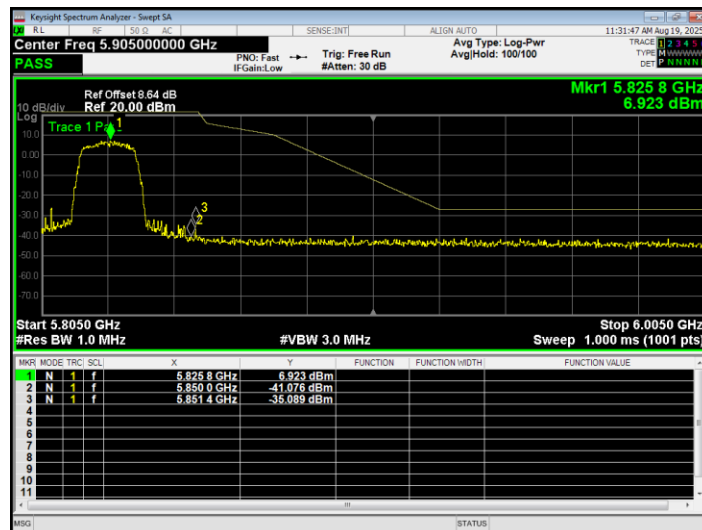
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-32.88	Pass
NVNT	a	5825	Ant1	-35.08	Pass
NVNT	n20	5745	Ant1	-32.5	Pass
NVNT	n20	5825	Ant1	-34.19	Pass
NVNT	n40	5755	Ant1	-23.06	Pass
NVNT	n40	5795	Ant1	-38.72	Pass

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

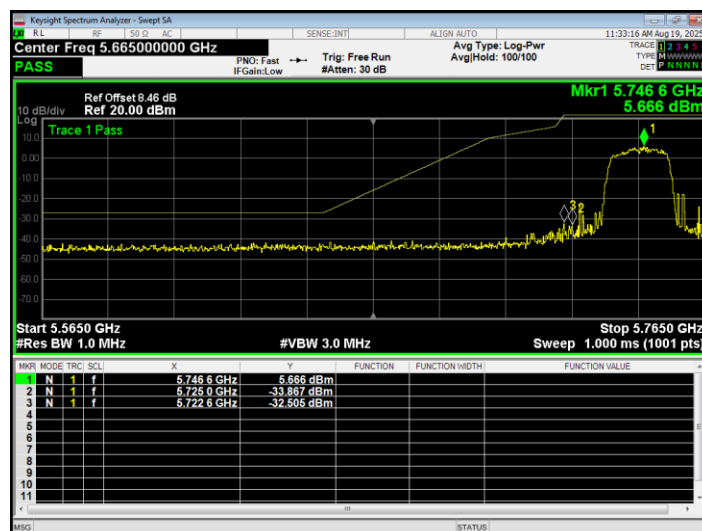
Band Edge NVNT a 5745MHz Low Ant1



Band Edge NVNT a 5825MHz High Ant1



Band Edge NVNT n20 5745MHz Low Ant1



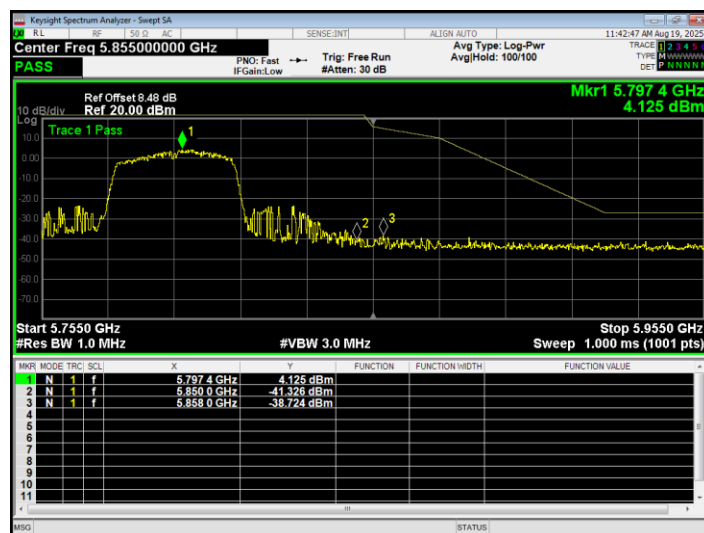
Band Edge NVNT n20 5825MHz High Ant1



Band Edge NVNT n40 5755MHz Low Ant1



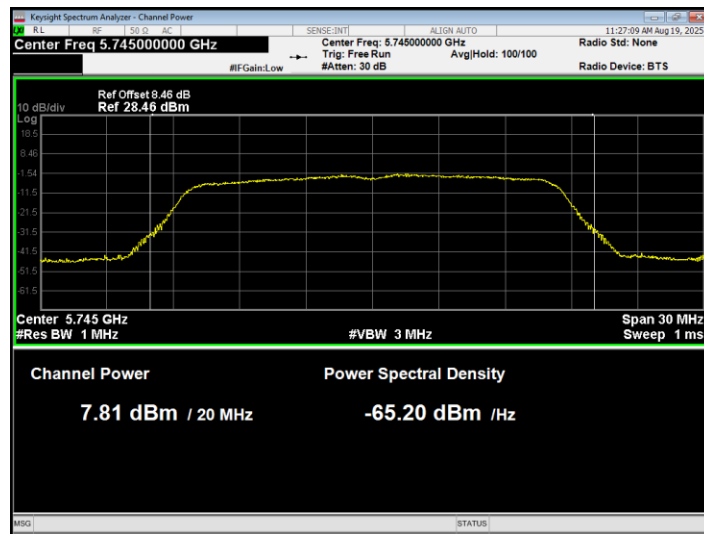
Band Edge NVNT n40 5795MHz High Ant1



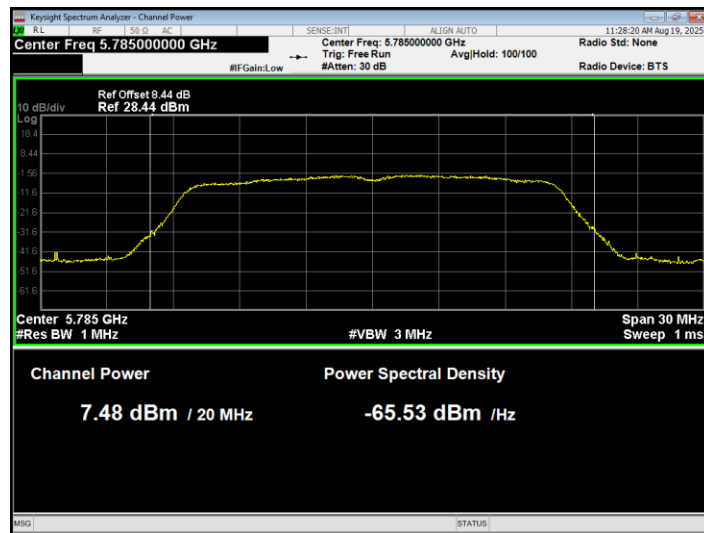
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	7.812	1.12	8.932	30	Pass
NVNT	a	5785	Ant1	7.478	1.12	8.598	30	Pass
NVNT	a	5825	Ant1	8.067	1.12	9.187	30	Pass
NVNT	n20	5745	Ant1	7.884	0.16	8.044	30	Pass
NVNT	n20	5785	Ant1	7.826	0.13	7.956	30	Pass
NVNT	n20	5825	Ant1	8.831	0.13	8.961	30	Pass
NVNT	n40	5755	Ant1	8.542	0.26	8.802	30	Pass
NVNT	n40	5795	Ant1	8.744	0.26	9.004	30	Pass

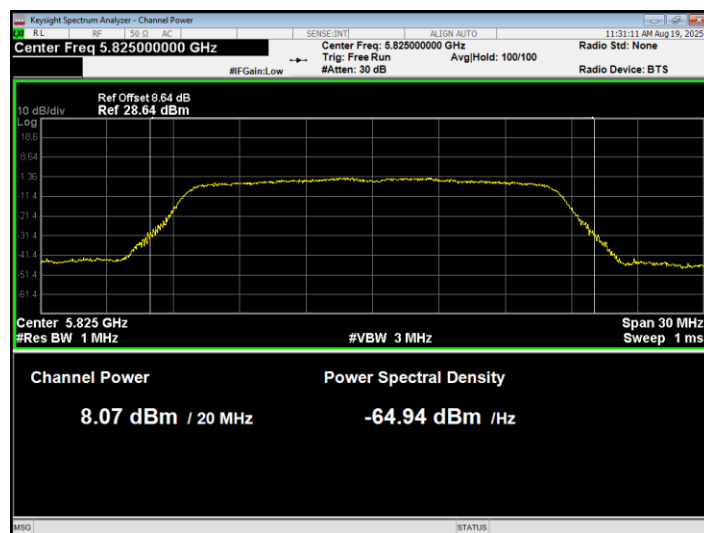
Power NVNT a 5745MHz Ant1



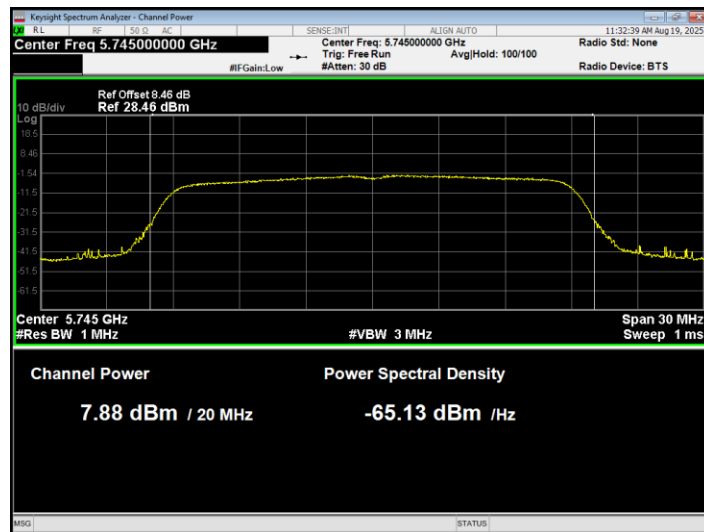
Power NVNT a 5785MHz Ant1



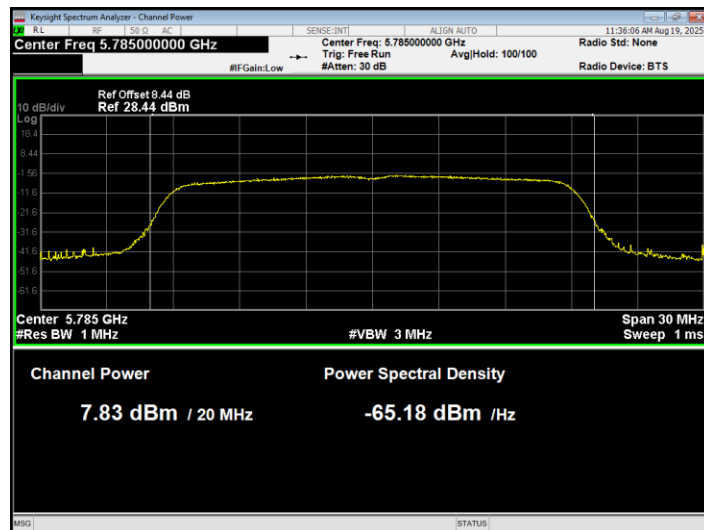
Power NVNT a 5825MHz Ant1



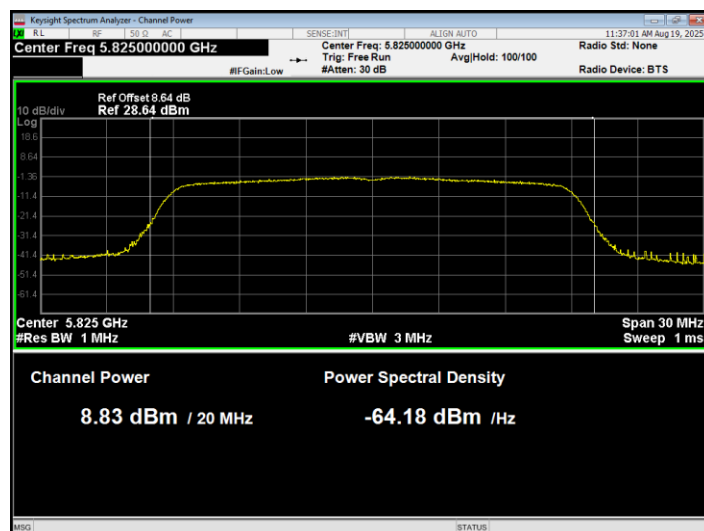
Power NVNT n20 5745MHz Ant1



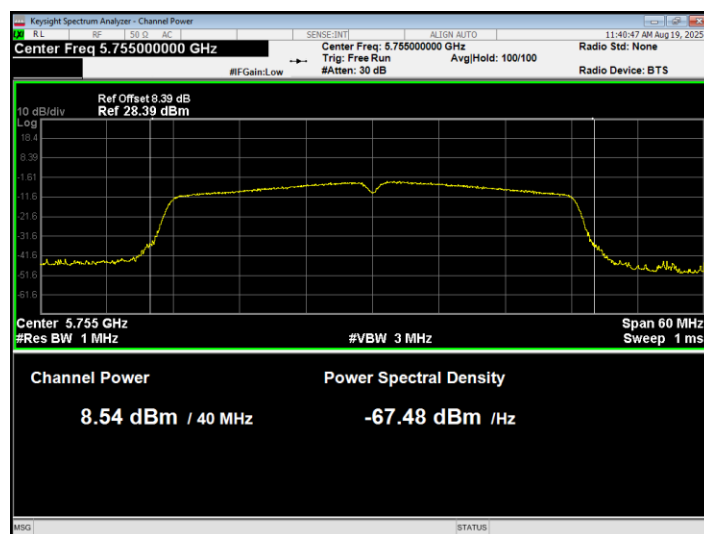
Power NVNT n20 5785MHz Ant1



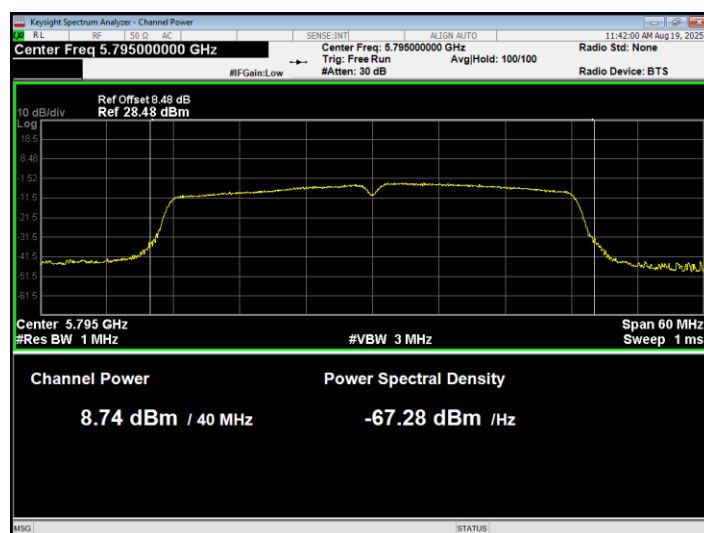
Power NVNT n20 5825MHz Ant1



Power NVNT n40 5755MHz Ant1



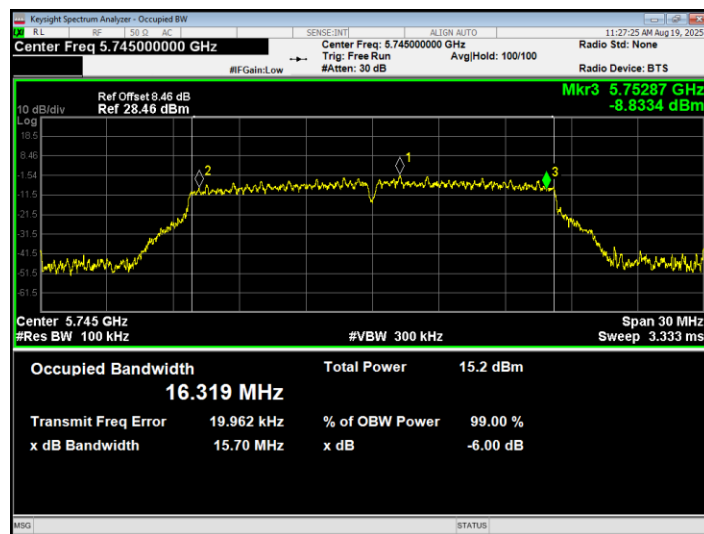
Power NVNT n40 5795MHz Ant1



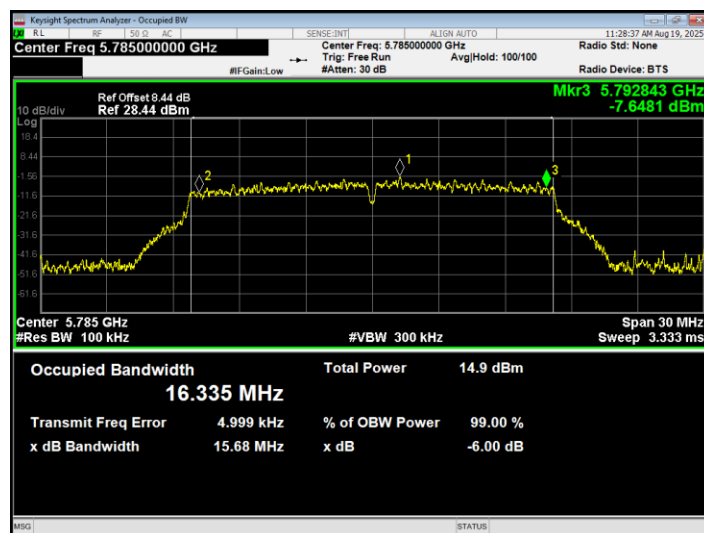
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.7	0.5	Pass
NVNT	a	5785	Ant1	15.677	0.5	Pass
NVNT	a	5825	Ant1	16.003	0.5	Pass
NVNT	n20	5745	Ant1	14.817	0.5	Pass
NVNT	n20	5785	Ant1	16.044	0.5	Pass
NVNT	n20	5825	Ant1	15.003	0.5	Pass
NVNT	n40	5755	Ant1	25.09	0.5	Pass
NVNT	n40	5795	Ant1	33.78	0.5	Pass

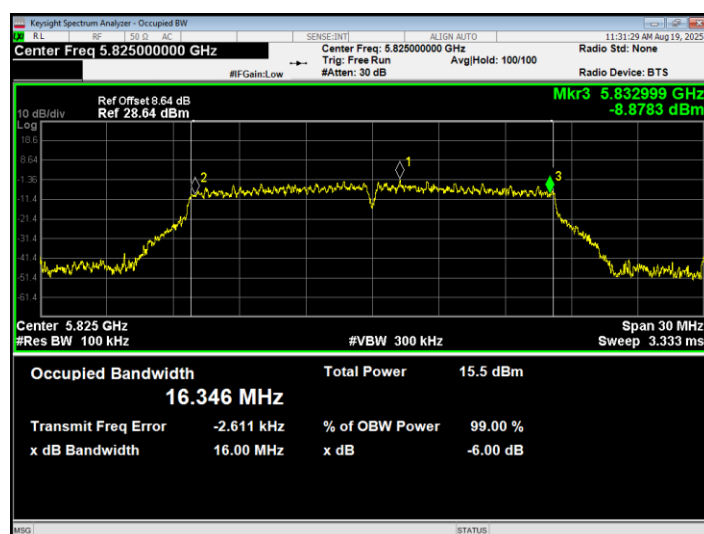
-6dB Bandwidth NVNT a 5745MHz Ant1



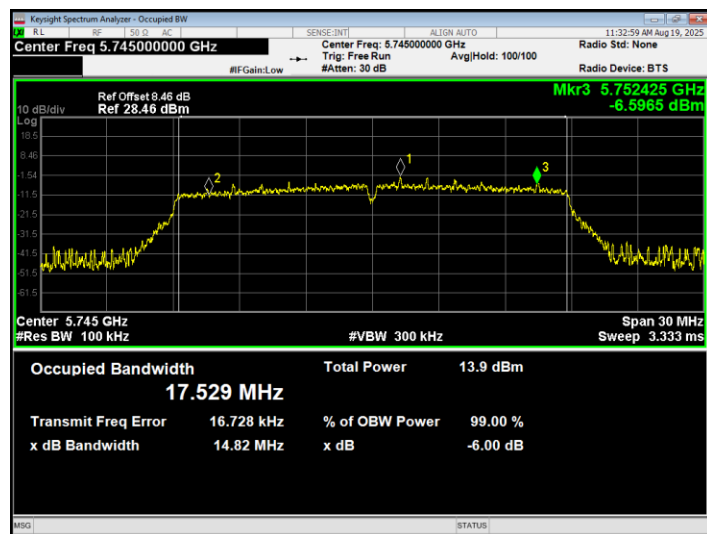
-6dB Bandwidth NVNT a 5785MHz Ant1



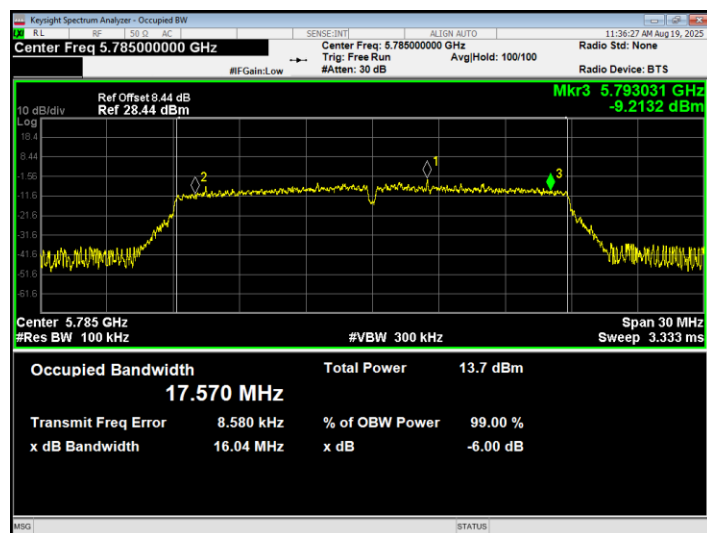
-6dB Bandwidth NVNT a 5825MHz Ant1



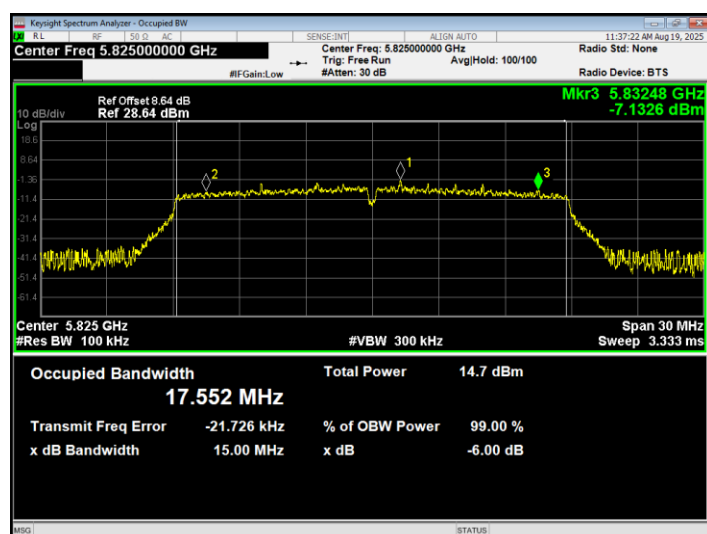
-6dB Bandwidth NVNT n20 5745MHz Ant1



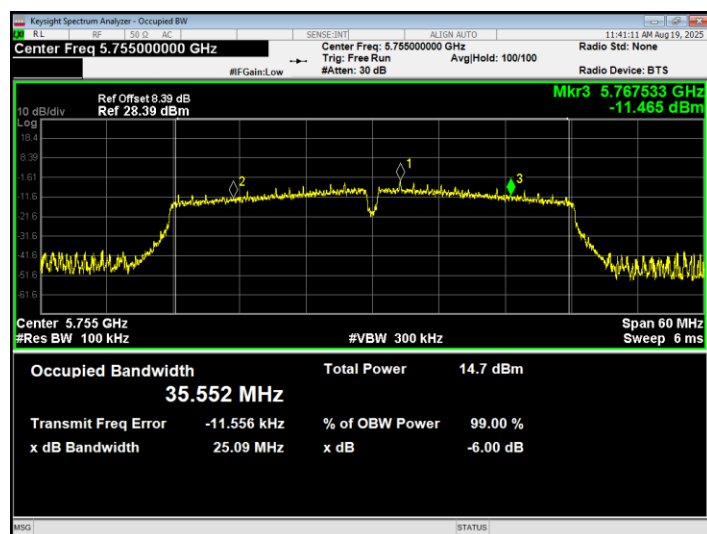
-6dB Bandwidth NVNT n20 5785MHz Ant1



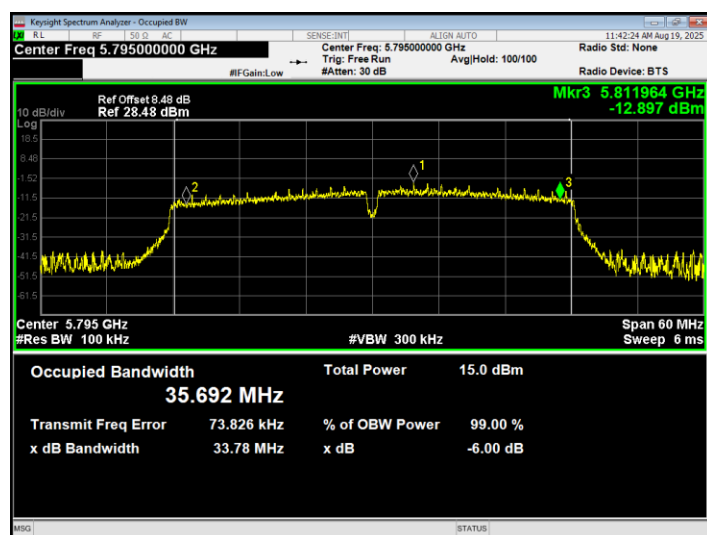
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



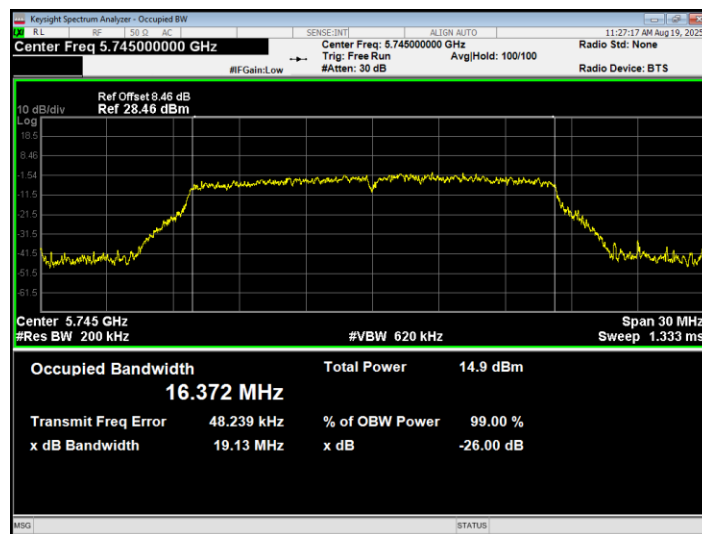
-6dB Bandwidth NVNT n40 5795MHz Ant1



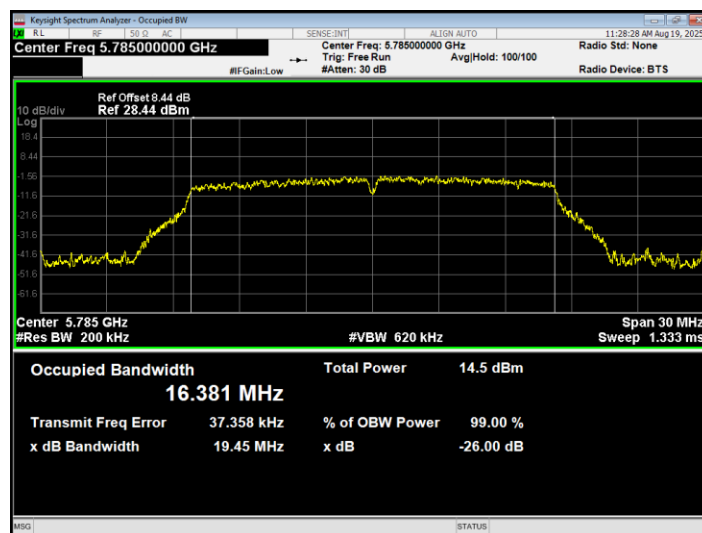
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.37189134
NVNT	a	5785	Ant1	16.38050017
NVNT	a	5825	Ant1	16.37013039
NVNT	n20	5745	Ant1	17.57254023
NVNT	n20	5785	Ant1	17.60849751
NVNT	n20	5825	Ant1	17.58085859
NVNT	n40	5755	Ant1	35.71132862
NVNT	n40	5795	Ant1	35.78150636

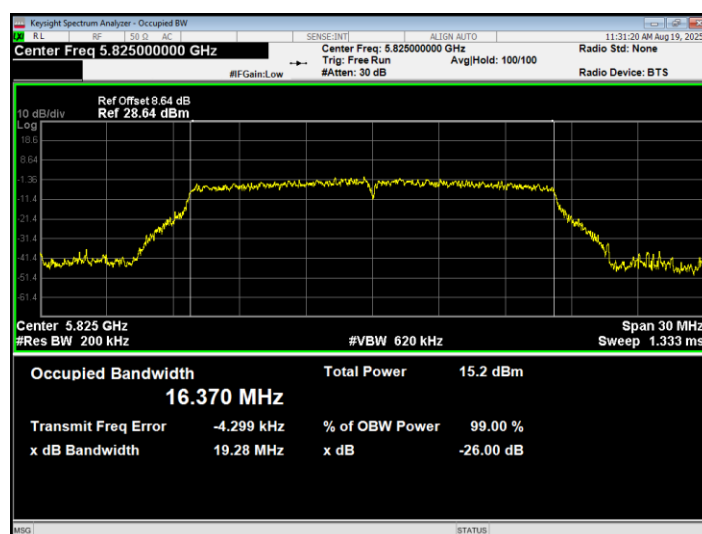
OBW NVNT a 5745MHz Ant1



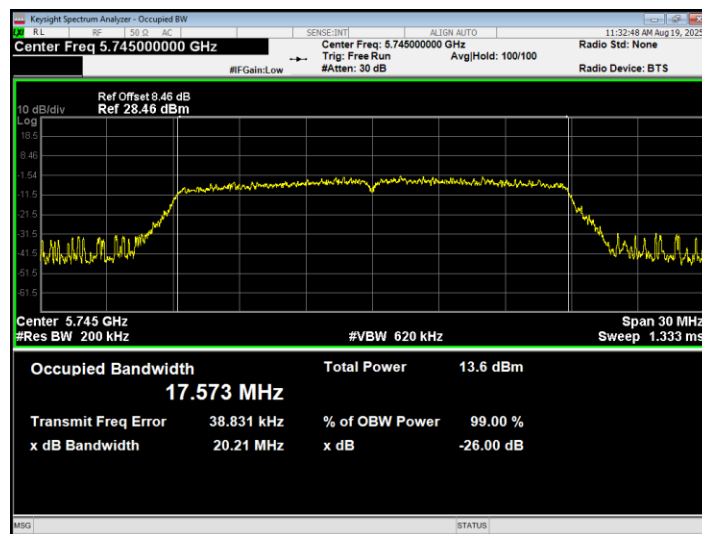
OBW NVNT a 5785MHz Ant1



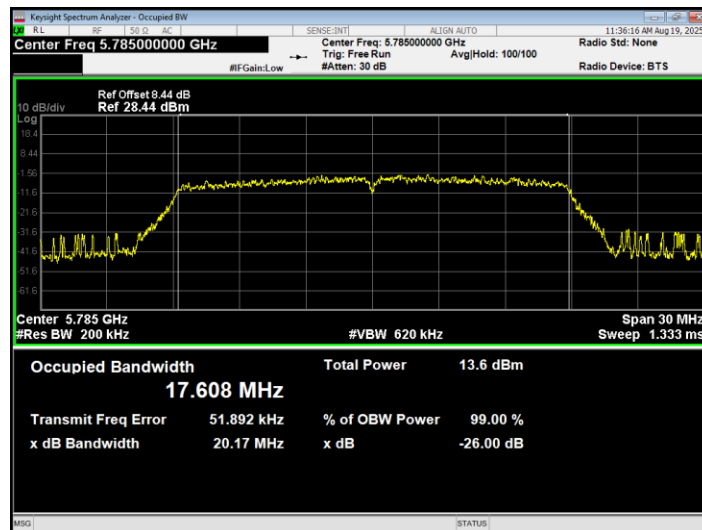
OBW NVNT a 5825MHz Ant1



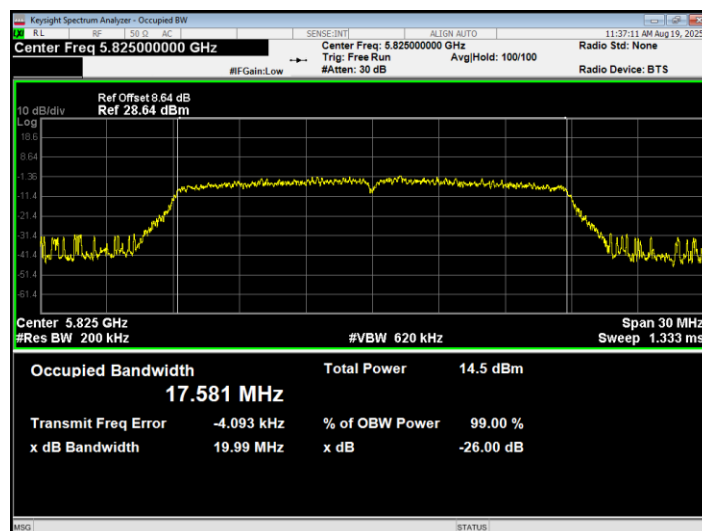
OBW NVNT n20 5745MHz Ant1



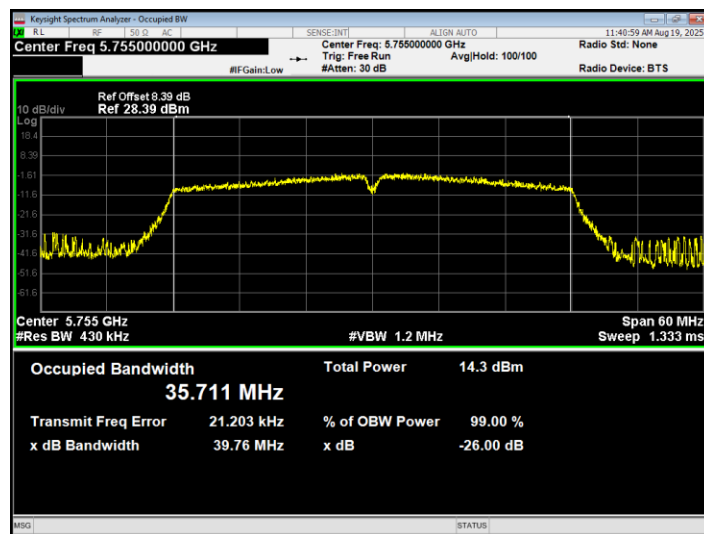
OBW NVNT n20 5785MHz Ant1



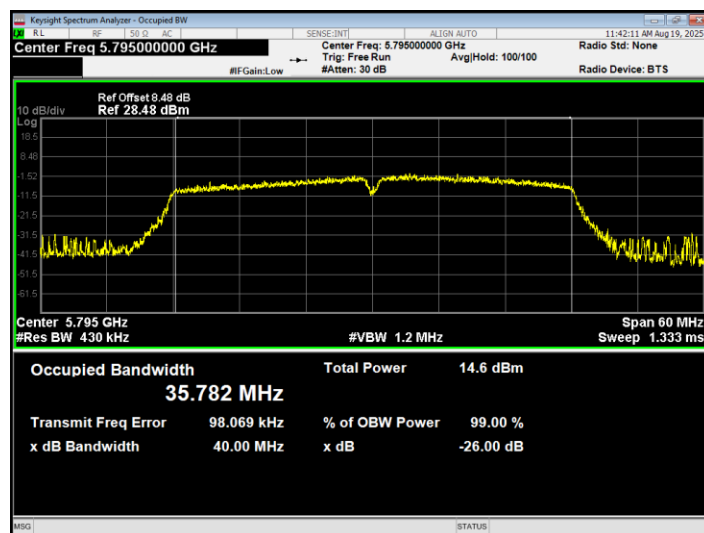
OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



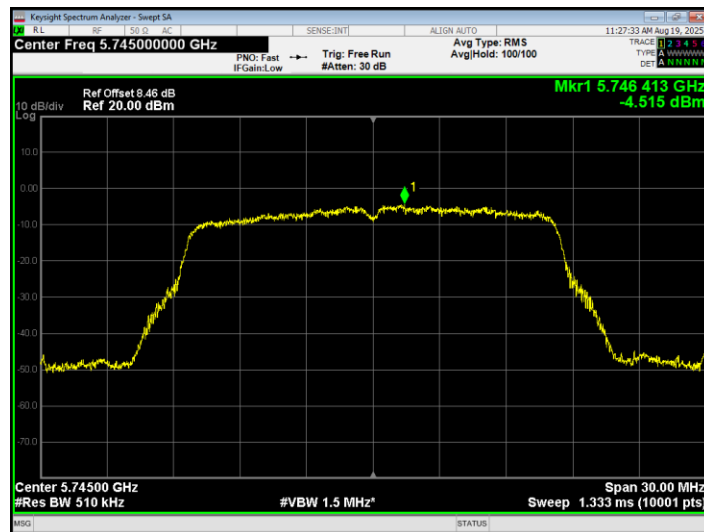
OBW NVNT n40 5795MHz Ant1



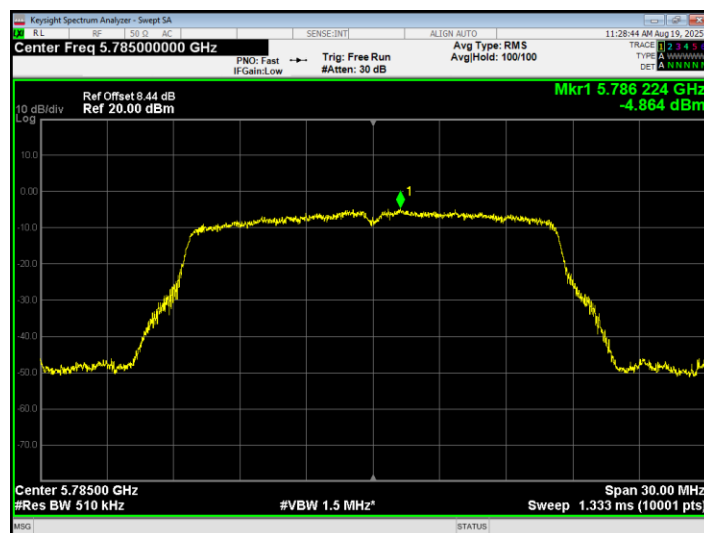
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-4.515	1.12	-3.395	30	Pass
NVNT	a	5785	Ant1	-4.864	1.12	-3.744	30	Pass
NVNT	a	5825	Ant1	-4.334	1.12	-3.214	30	Pass
NVNT	n20	5745	Ant1	-4.569	0.16	-4.409	30	Pass
NVNT	n20	5785	Ant1	-4.877	0.13	-4.747	30	Pass
NVNT	n20	5825	Ant1	-3.829	0.13	-3.699	30	Pass
NVNT	n40	5755	Ant1	-6.177	0.26	-5.917	30	Pass
NVNT	n40	5795	Ant1	-6.429	0.26	-6.169	30	Pass

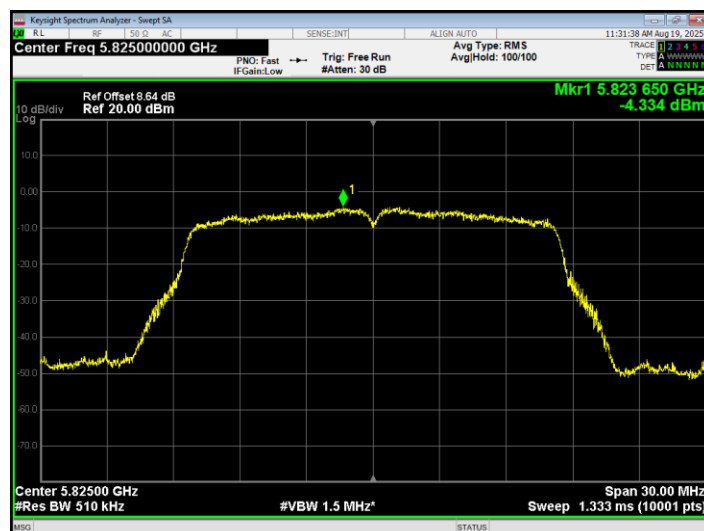
PSD NVNT a 5745MHz Ant1



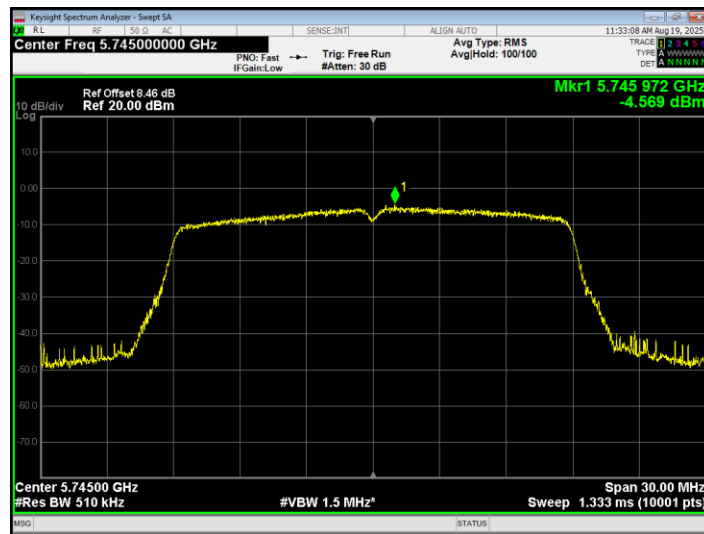
PSD NVNT a 5785MHz Ant1



PSD NVNT a 5825MHz Ant1



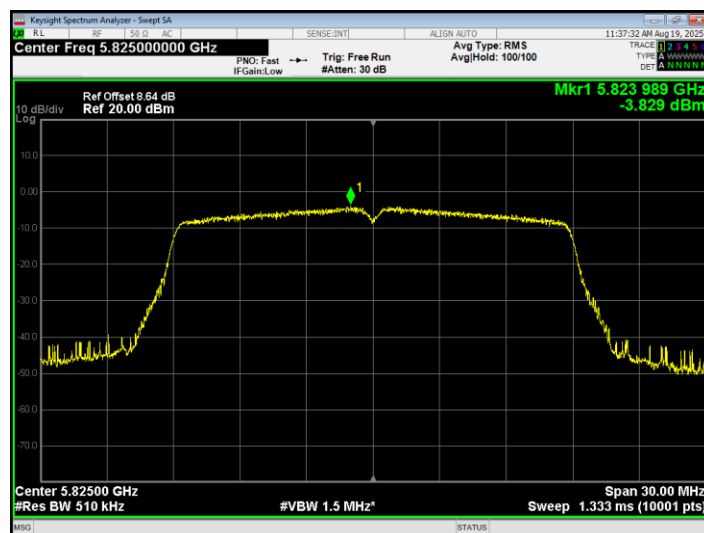
PSD NVNT n20 5745MHz Ant1



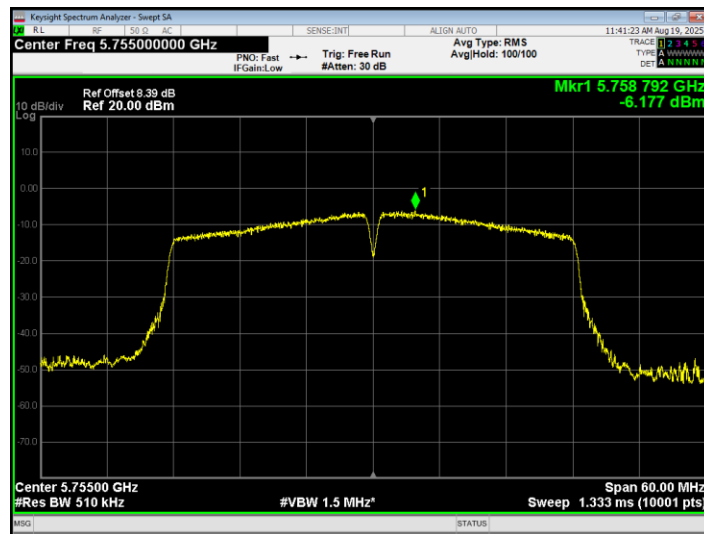
PSD NVNT n20 5785MHz Ant1



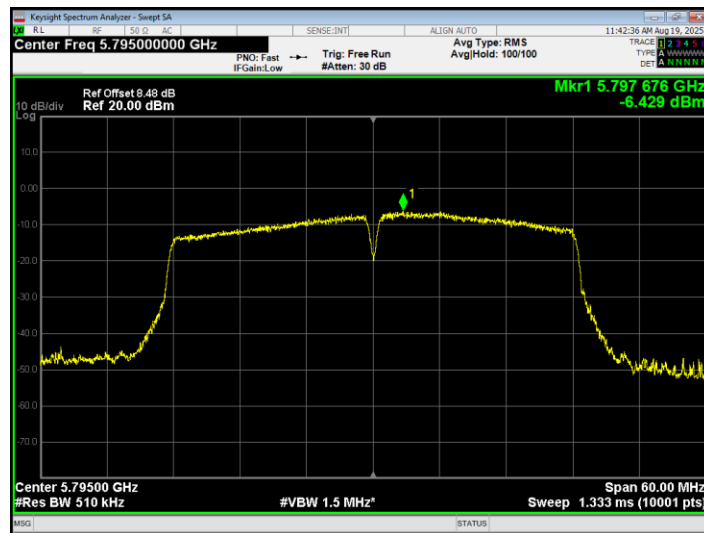
PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



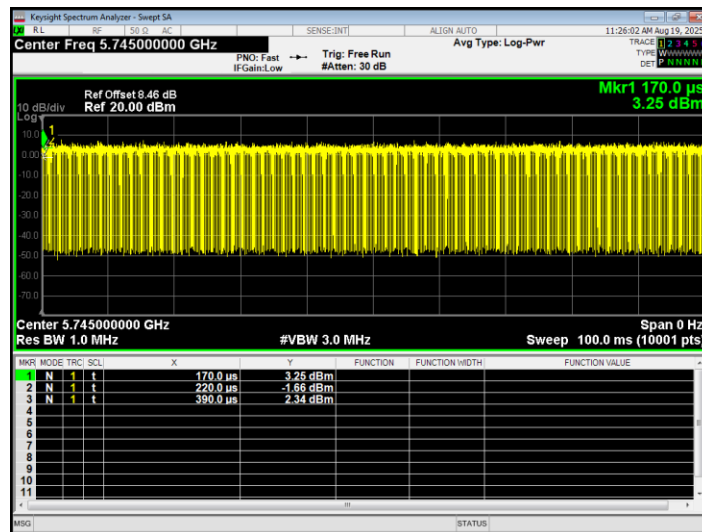
PSD NVNT n40 5795MHz Ant1



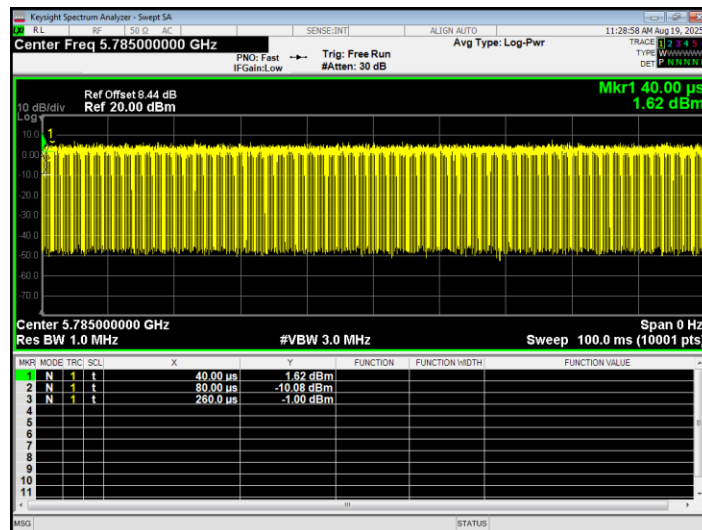
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant2	77.27	1.12
NVNT	a	5785	Ant2	81.82	0.87
NVNT	a	5825	Ant2	81.82	0.87
NVNT	n20	5745	Ant2	97.04	0.13
NVNT	n20	5785	Ant2	96.3	0.16
NVNT	n20	5825	Ant2	97.01	0.13
NVNT	n40	5755	Ant2	94.2	0.26
NVNT	n40	5795	Ant2	94.2	0.26

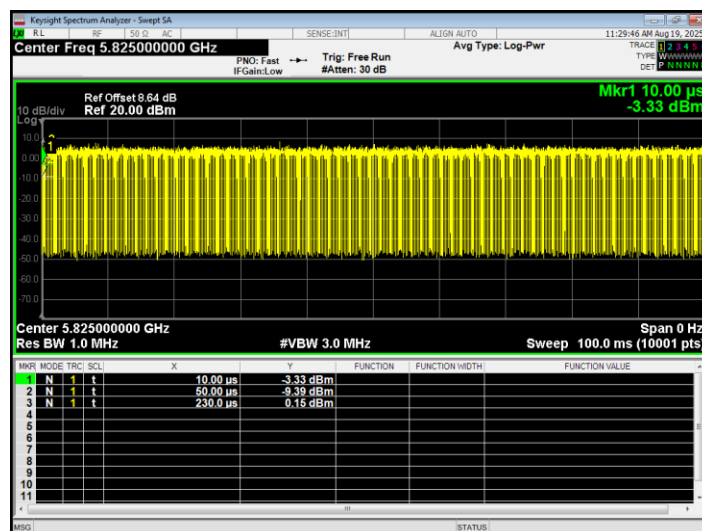
Duty Cycle NVNT a 5745MHz Ant2



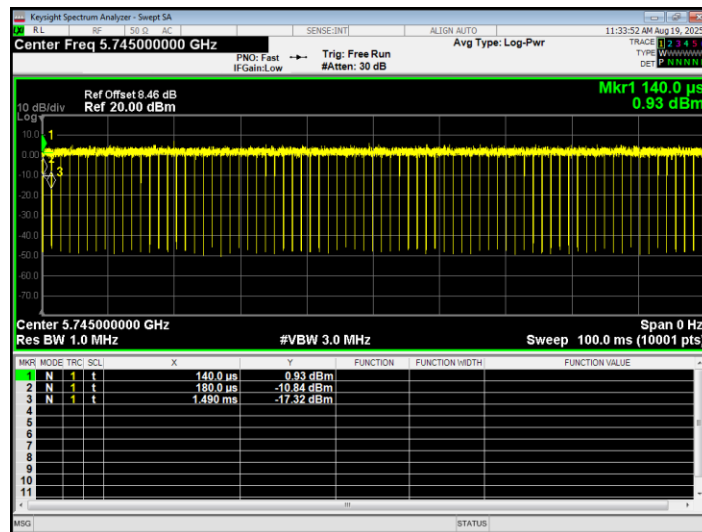
Duty Cycle NVNT a 5785MHz Ant2



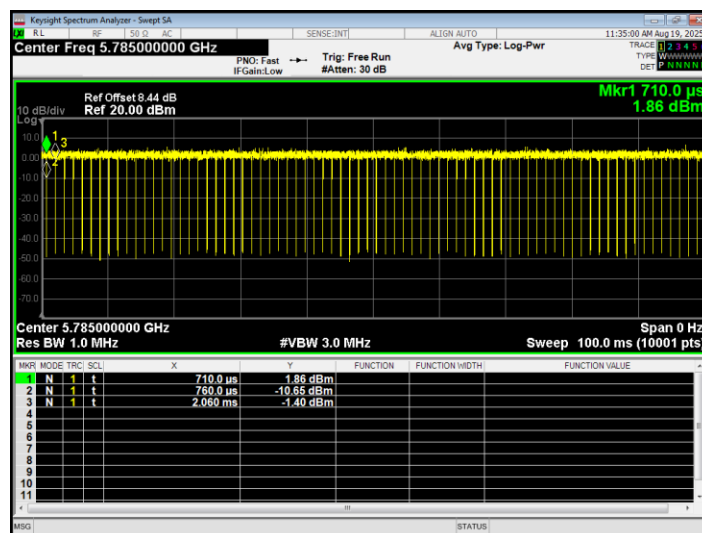
Duty Cycle NVNT a 5825MHz Ant2



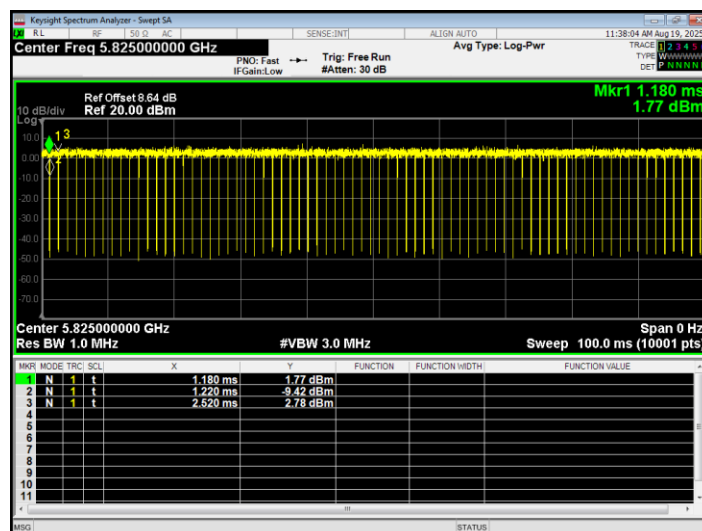
Duty Cycle NVNT n20 5745MHz Ant2



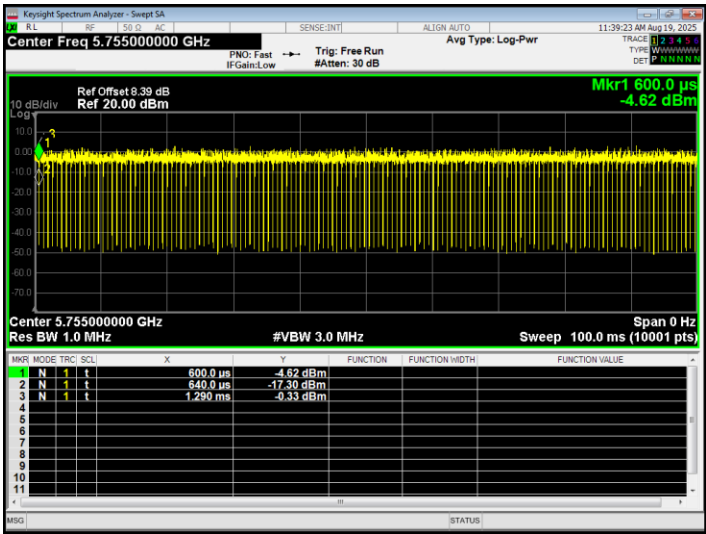
Duty Cycle NVNT n20 5785MHz Ant2



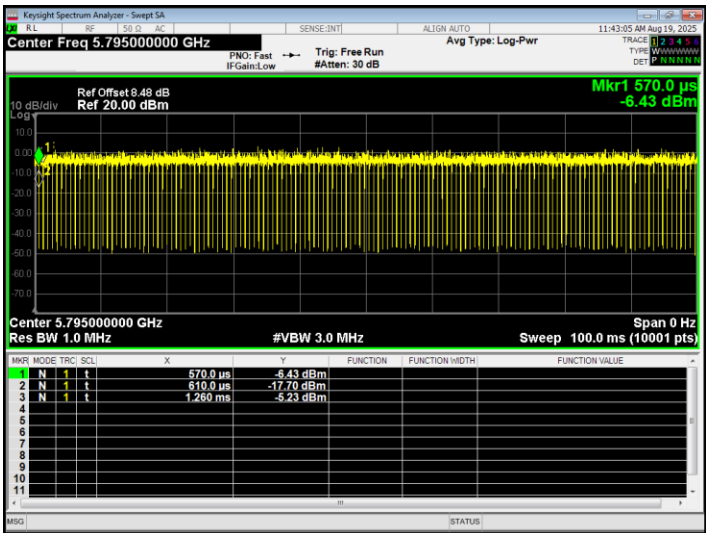
Duty Cycle NVNT n20 5825MHz Ant2



Duty Cycle NVNT n40 5755MHz Ant2



Duty Cycle NVNT n40 5795MHz Ant2

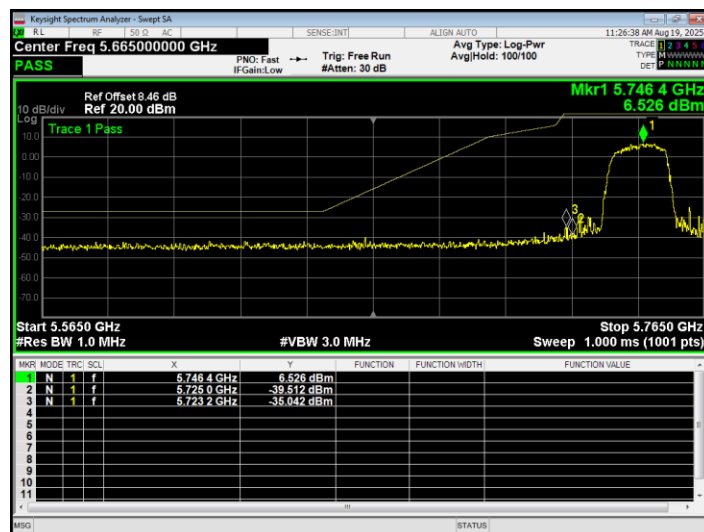


Conducted Band Edge

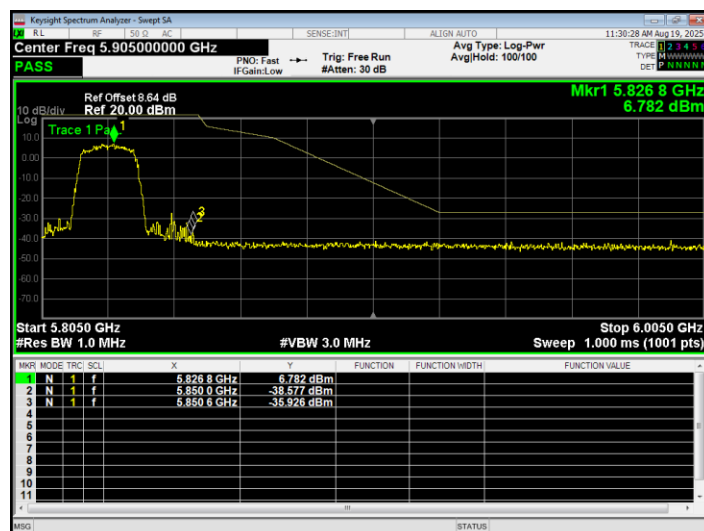
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-35.04	Pass
NVNT	a	5825	Ant1	-35.92	Pass
NVNT	n20	5745	Ant1	-32.66	Pass
NVNT	n20	5825	Ant1	-34.28	Pass
NVNT	n40	5755	Ant1	-23.19	Pass
NVNT	n40	5795	Ant1	-35.82	Pass

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

Band Edge NVNT a 5745MHz Low Ant1



Band Edge NVNT a 5825MHz High Ant1



Band Edge NVNT n20 5745MHz Low Ant1

