

Appendix 1

FCC Test Report

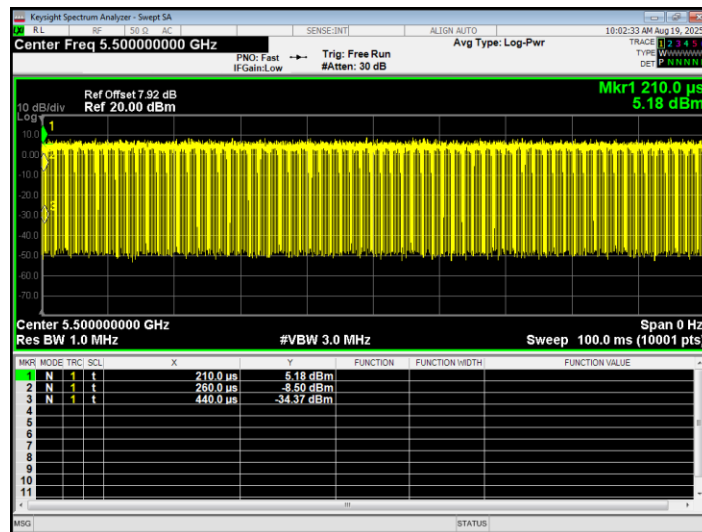
FCC ID: OYR-CF-E312AV2

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

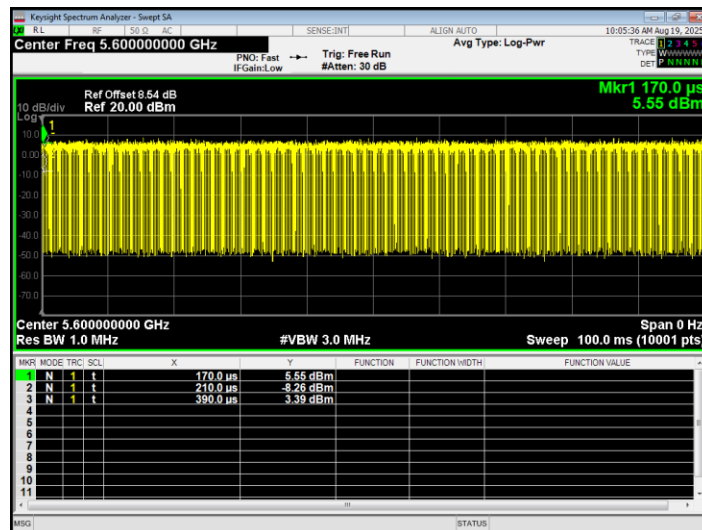
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5500	Ant1	78.26	1.06
NVNT	a	5600	Ant1	81.82	0.87
NVNT	a	5700	Ant1	77.27	1.12
NVNT	n20	5500	Ant1	97.04	0.13
NVNT	n20	5600	Ant1	97.04	0.13
NVNT	n20	5700	Ant1	97.01	0.13
NVNT	n40	5510	Ant1	94.2	0.26
NVNT	n40	5550	Ant1	92.86	0.32
NVNT	n40	5670	Ant1	94.2	0.26

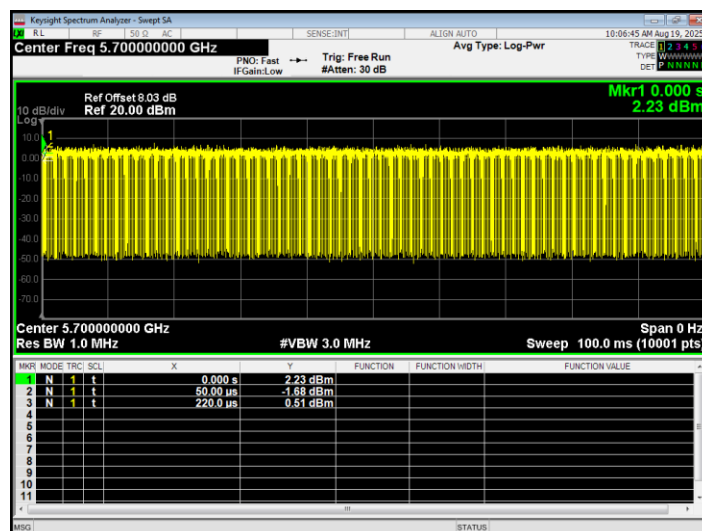
Duty Cycle NVNT a 5500MHz Ant1



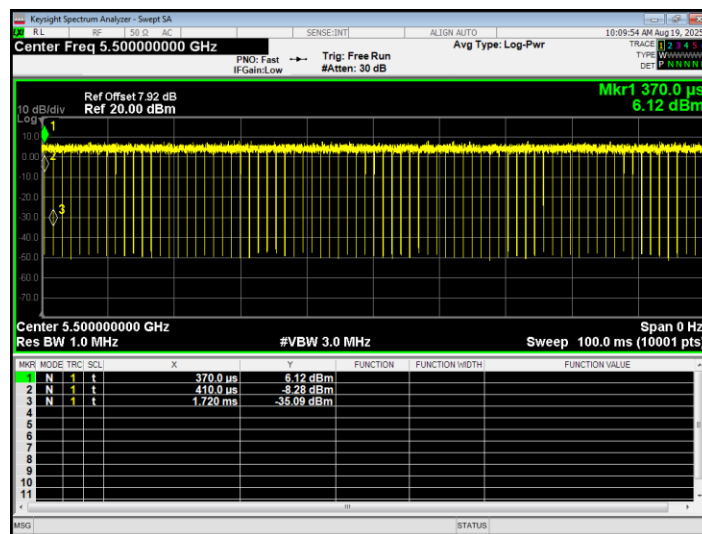
Duty Cycle NVNT a 5600MHz Ant1



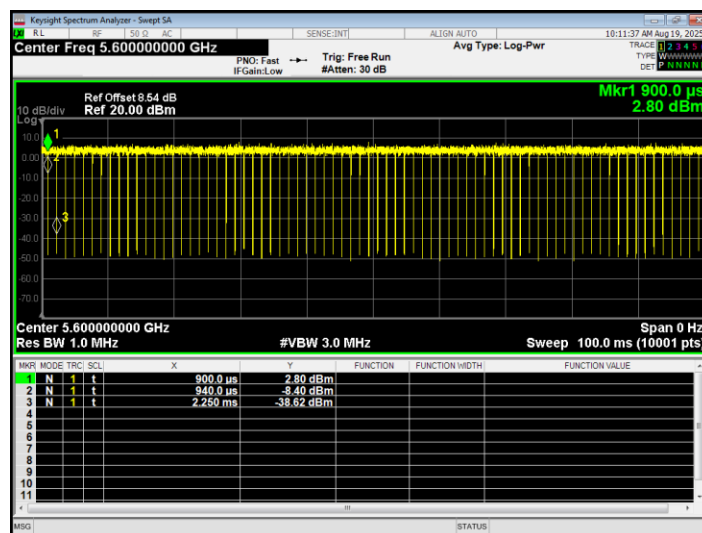
Duty Cycle NVNT a 5700MHz Ant1



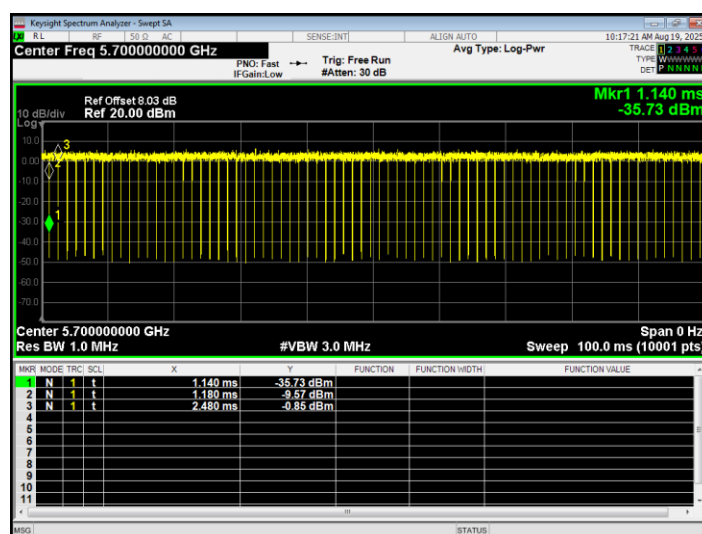
Duty Cycle NVNT n20 5500MHz Ant1



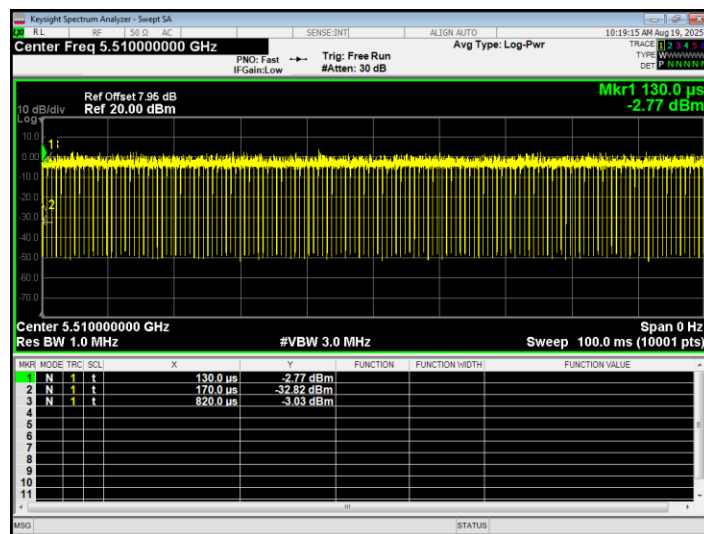
Duty Cycle NVNT n20 5600MHz Ant1



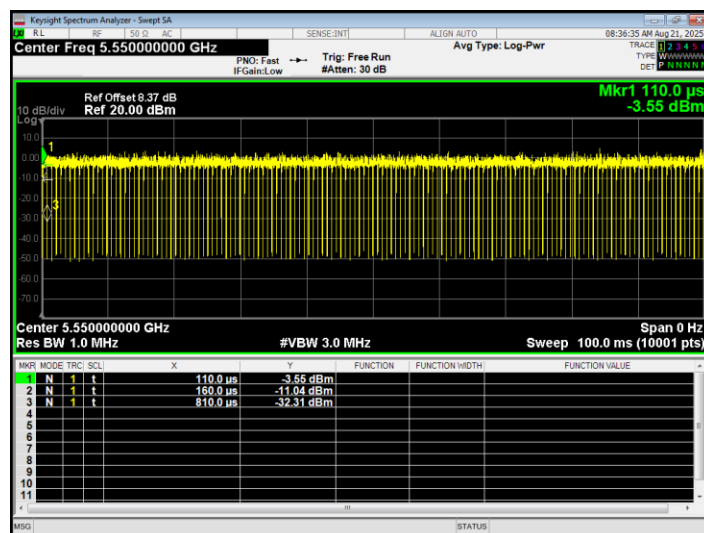
Duty Cycle NVNT n20 5700MHz Ant1



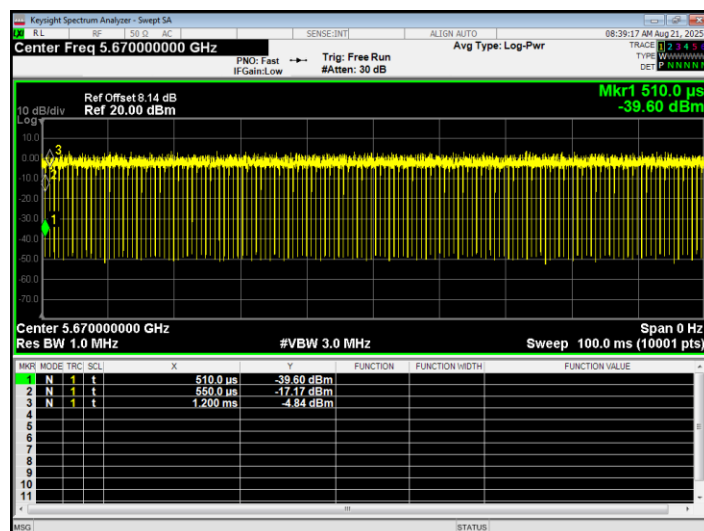
Duty Cycle NVNT n40 5510MHz Ant1



Duty Cycle NVNT n40 5550MHz Ant1



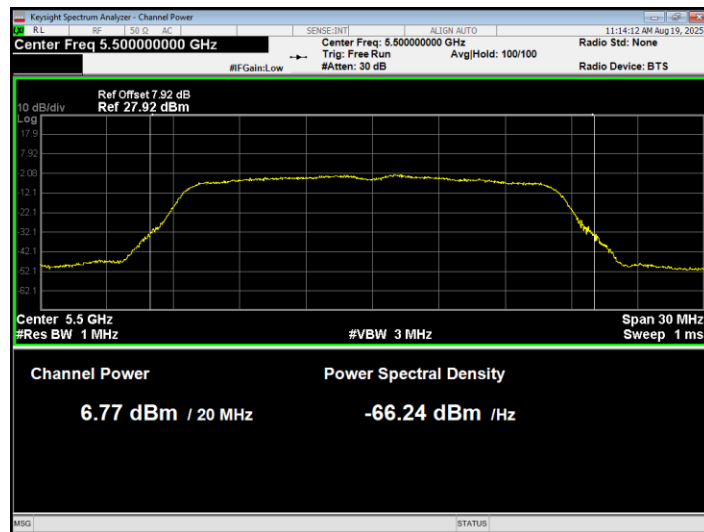
Duty Cycle NVNT n40 5670MHz Ant1



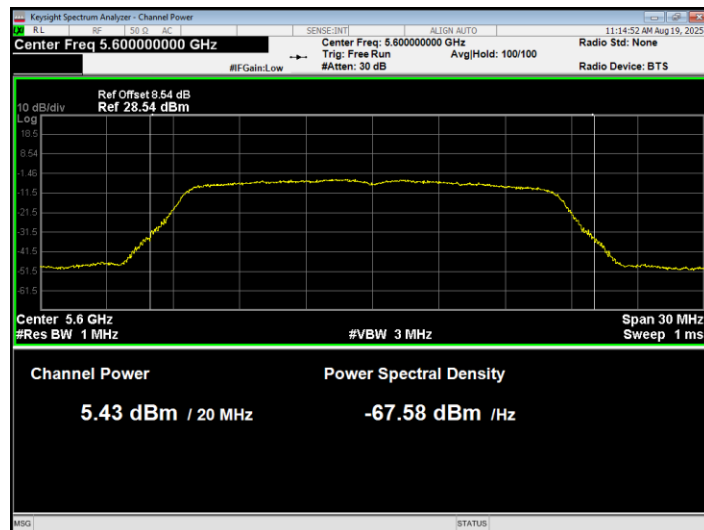
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	6.77	1.06	7.83	23.92	Pass
NVNT	a	5600	Ant1	5.434	0.87	6.304	23.92	Pass
NVNT	a	5700	Ant1	6.014	1.12	7.134	23.92	Pass
NVNT	n20	5500	Ant1	6.574	0.13	6.704	23.98	Pass
NVNT	n20	5600	Ant1	6.353	0.13	6.483	23.98	Pass
NVNT	n20	5700	Ant1	5.618	0.13	5.748	23.98	Pass
NVNT	n40	5510	Ant1	7.049	0.26	7.309	23.98	Pass
NVNT	n40	5550	Ant1	10.628	0.32	10.948	23.98	Pass
NVNT	n40	5670	Ant1	9.68	0.26	9.94	23.98	Pass

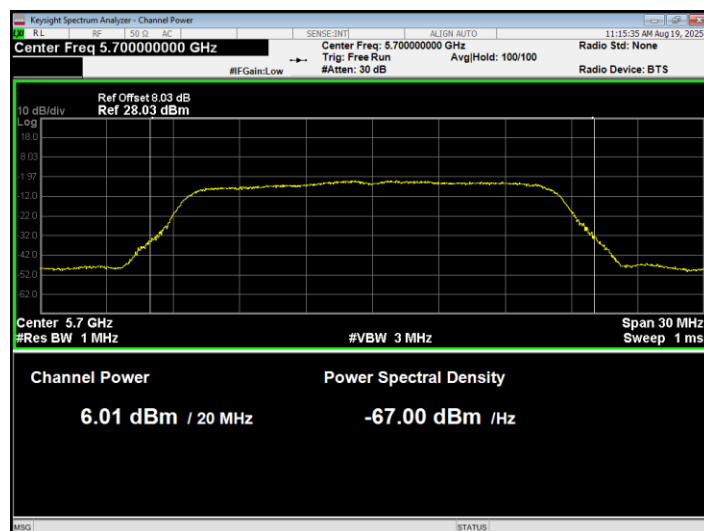
Power NVNT a 5500MHz Ant1



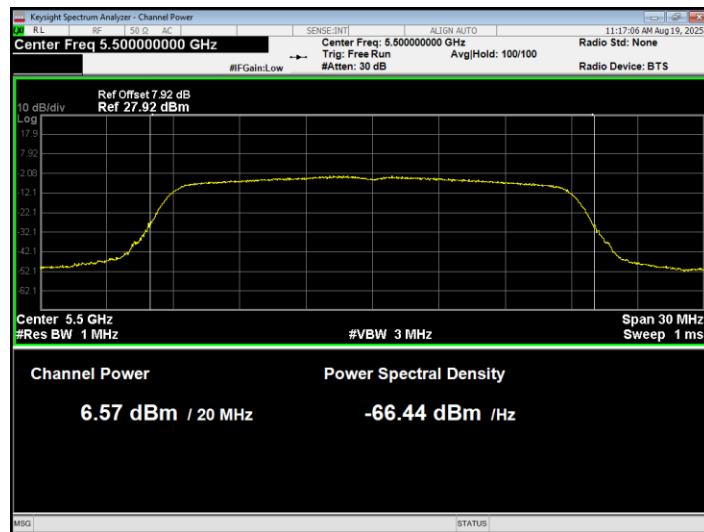
Power NVNT a 5600MHz Ant1



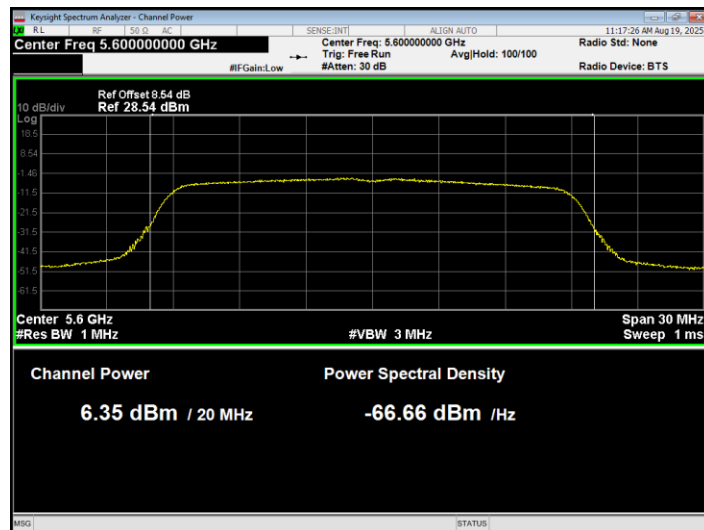
Power NVNT a 5700MHz Ant1



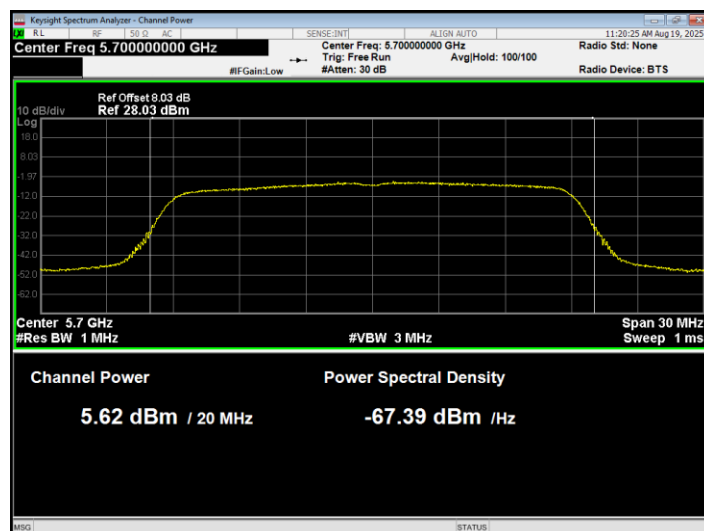
Power NVNT n20 5500MHz Ant1



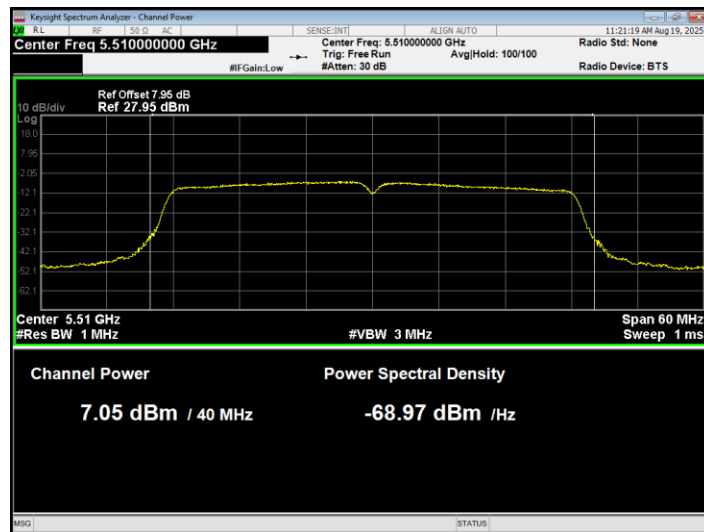
Power NVNT n20 5600MHz Ant1



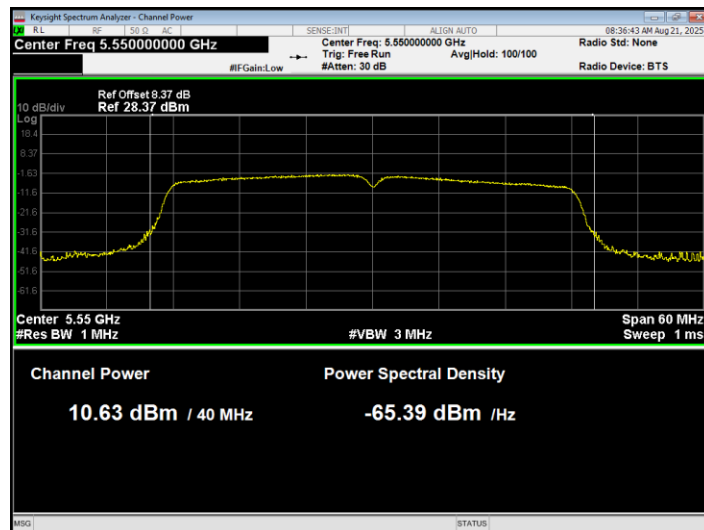
Power NVNT n20 5700MHz Ant1



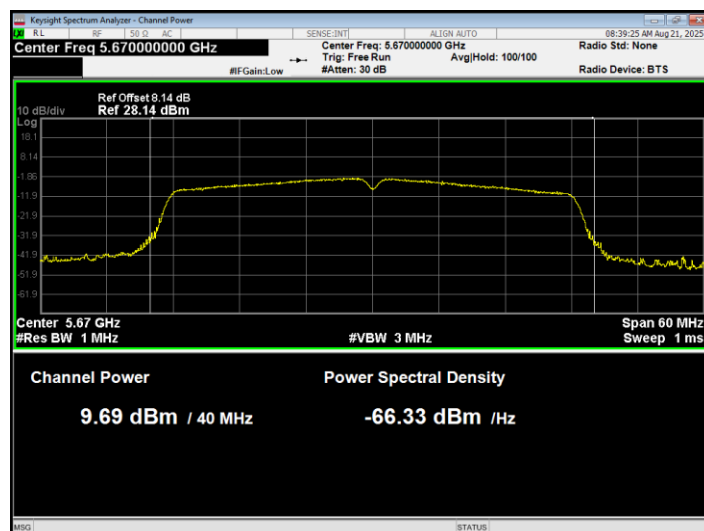
Power NVNT n40 5510MHz Ant1



Power NVNT n40 5550MHz Ant1



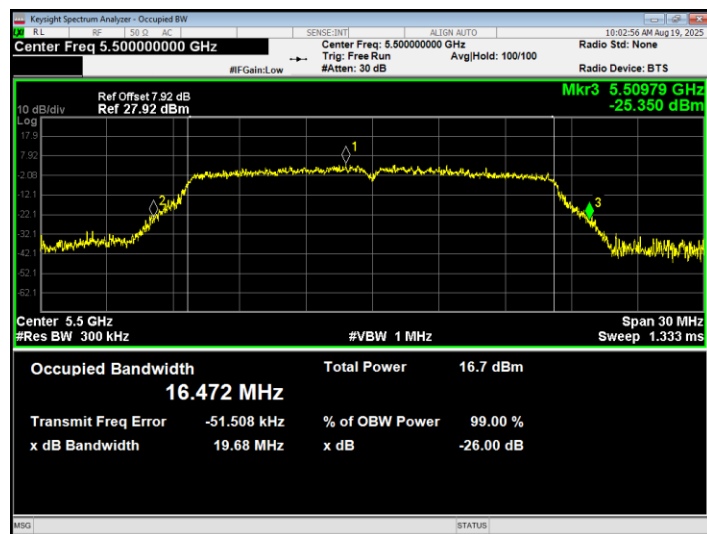
Power NVNT n40 5670MHz Ant1



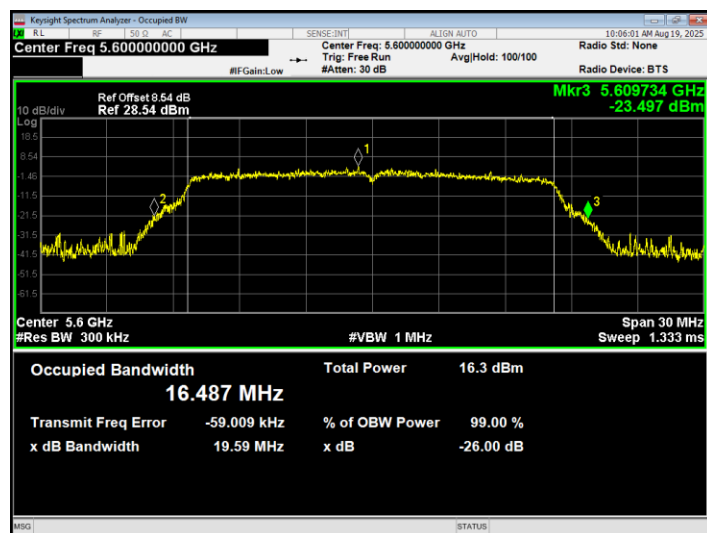
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	19.684	0.5	Pass
NVNT	a	5600	Ant1	19.587	0.5	Pass
NVNT	a	5700	Ant1	19.843	0.5	Pass
NVNT	n20	5500	Ant1	20.212	0.5	Pass
NVNT	n20	5600	Ant1	21.663	0.5	Pass
NVNT	n20	5700	Ant1	20.081	0.5	Pass
NVNT	n40	5510	Ant1	40.261	0.5	Pass
NVNT	n40	5550	Ant1	39.902	0.5	Pass
NVNT	n40	5670	Ant1	39.354	0.5	Pass

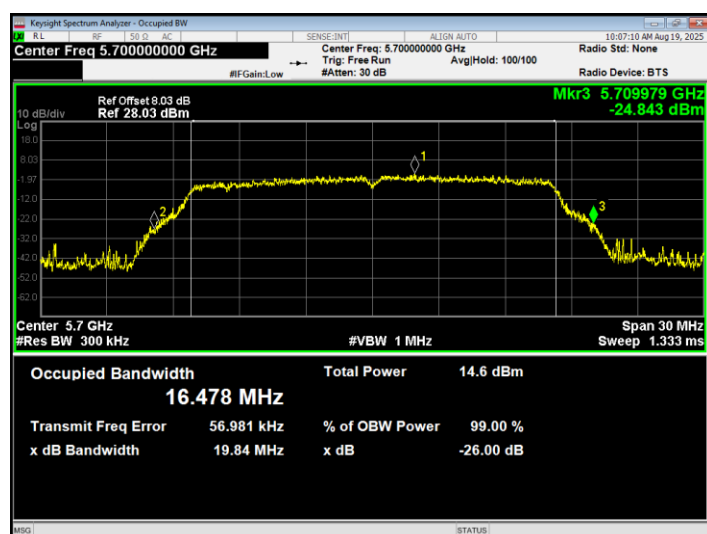
-26dB Bandwidth NVNT a 5500MHz Ant1



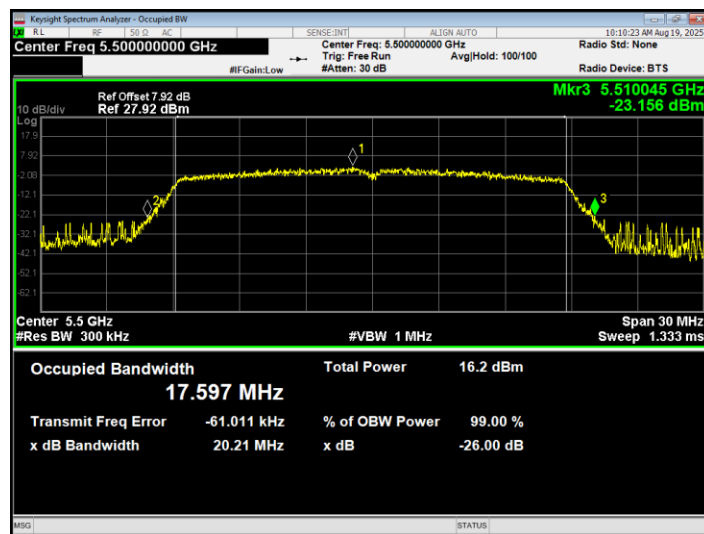
-26dB Bandwidth NVNT a 5600MHz Ant1



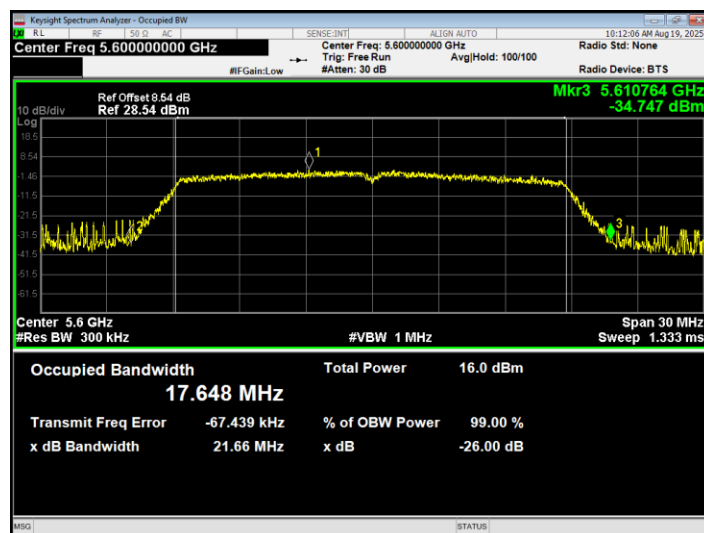
-26dB Bandwidth NVNT a 5700MHz Ant1



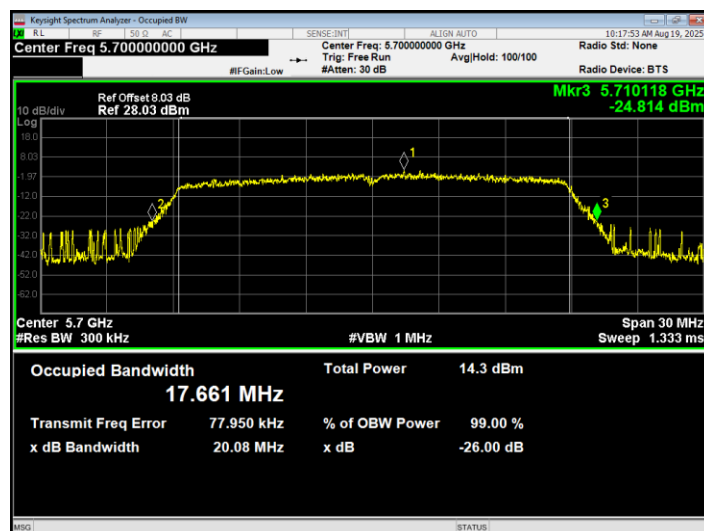
-26dB Bandwidth NVNT n20 5500MHz Ant1



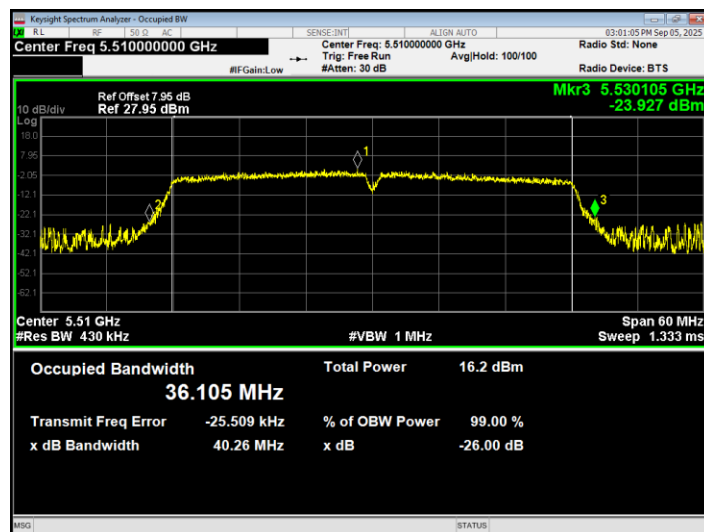
-26dB Bandwidth NVNT n20 5600MHz Ant1



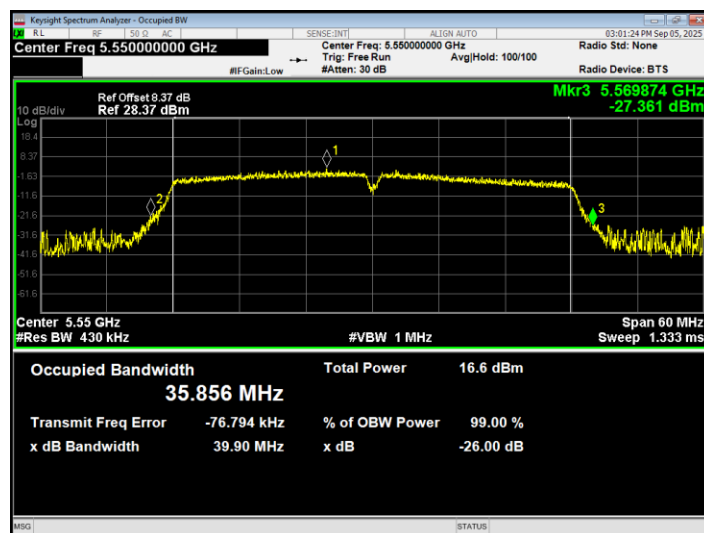
-26dB Bandwidth NVNT n20 5700MHz Ant1



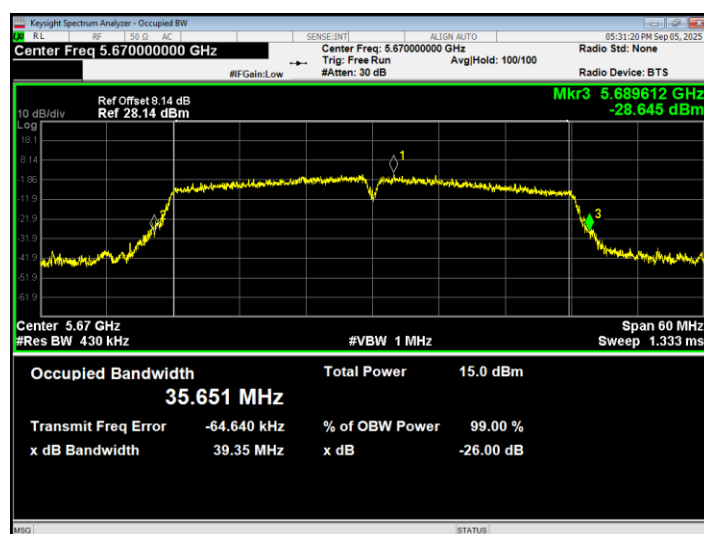
-26dB Bandwidth NVNT n40 5510MHz Ant1



-26dB Bandwidth NVNT n40 5550MHz Ant1



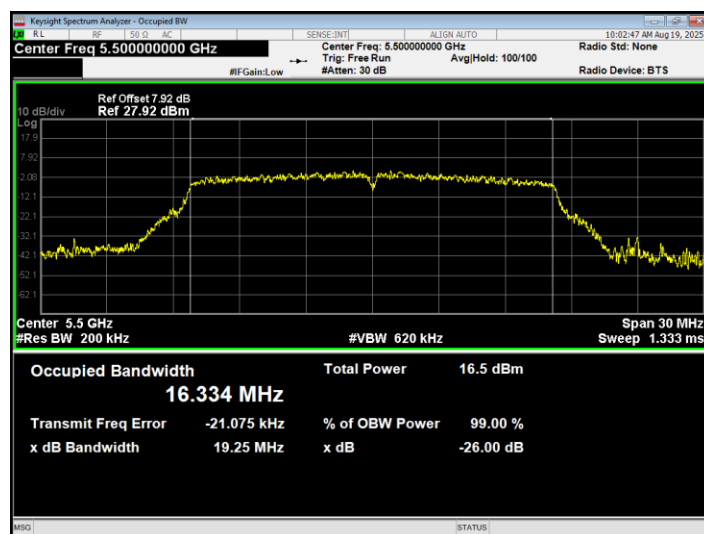
-26dB Bandwidth NVNT n40 5670MHz Ant1



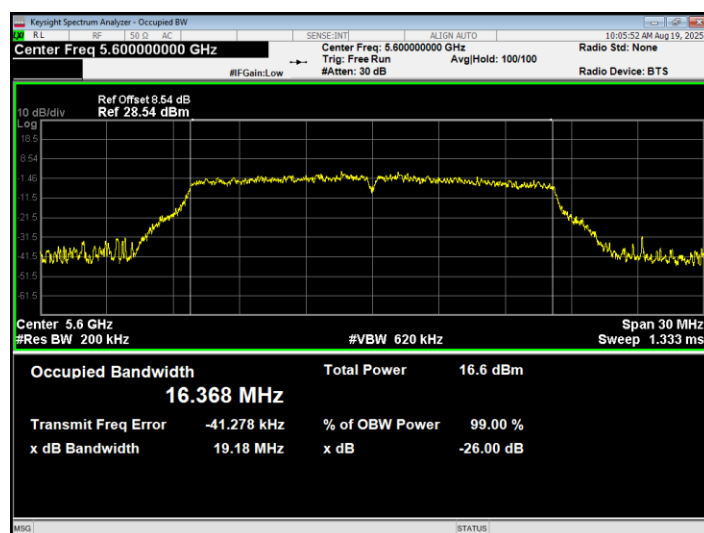
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.33406618
NVNT	a	5600	Ant1	16.36780758
NVNT	a	5700	Ant1	16.38144109
NVNT	n20	5500	Ant1	17.52422901
NVNT	n20	5600	Ant1	17.53652383
NVNT	n20	5700	Ant1	17.54026991
NVNT	n40	5510	Ant1	36.0401308
NVNT	n40	5550	Ant1	35.89918745
NVNT	n40	5670	Ant1	35.57621194

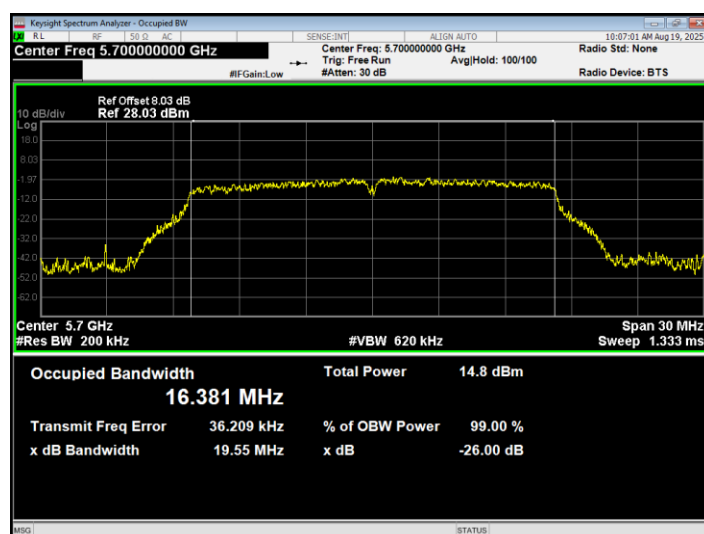
OBW NVNT a 5500MHz Ant1



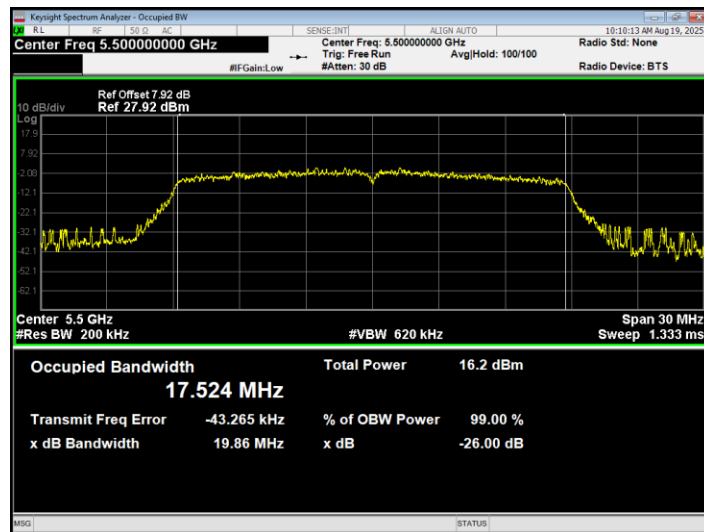
OBW NVNT a 5600MHz Ant1



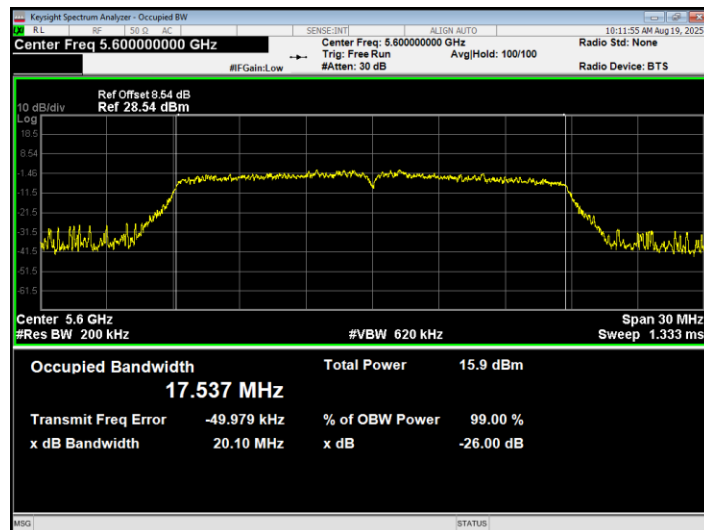
OBW NVNT a 5700MHz Ant1



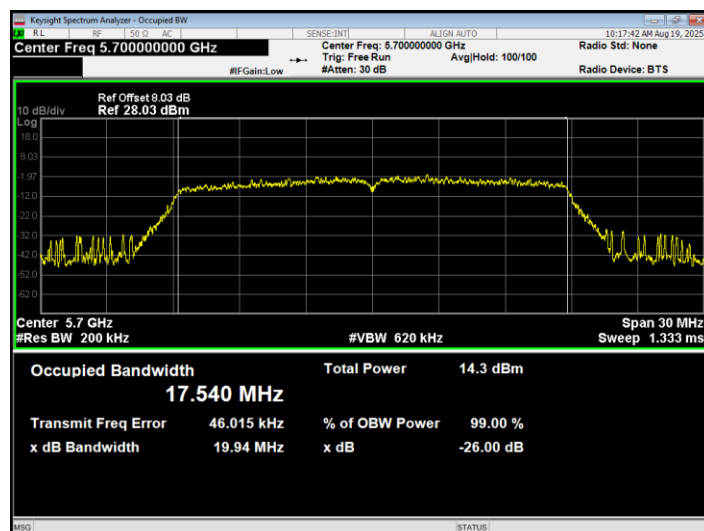
OBW NVNT n20 5500MHz Ant1



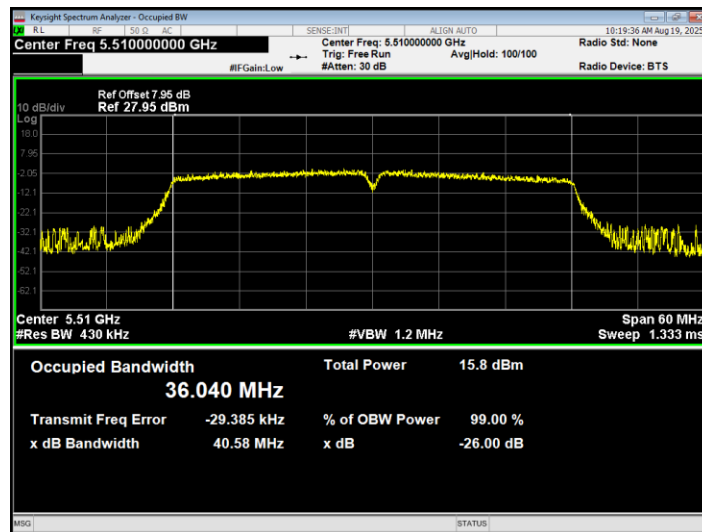
OBW NVNT n20 5600MHz Ant1



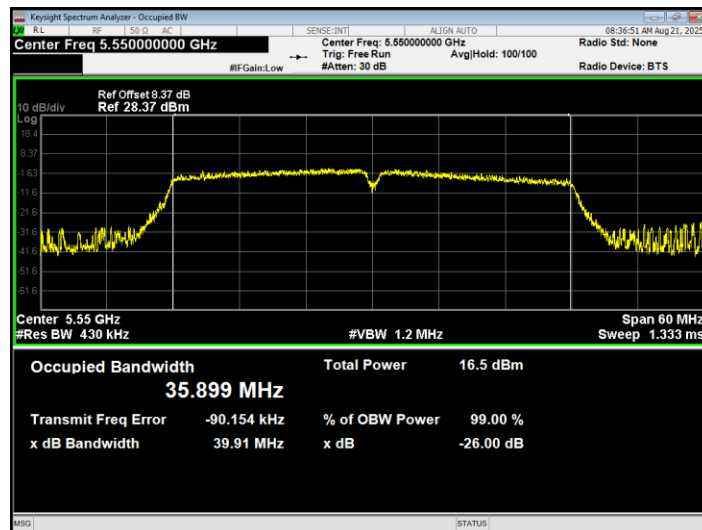
OBW NVNT n20 5700MHz Ant1



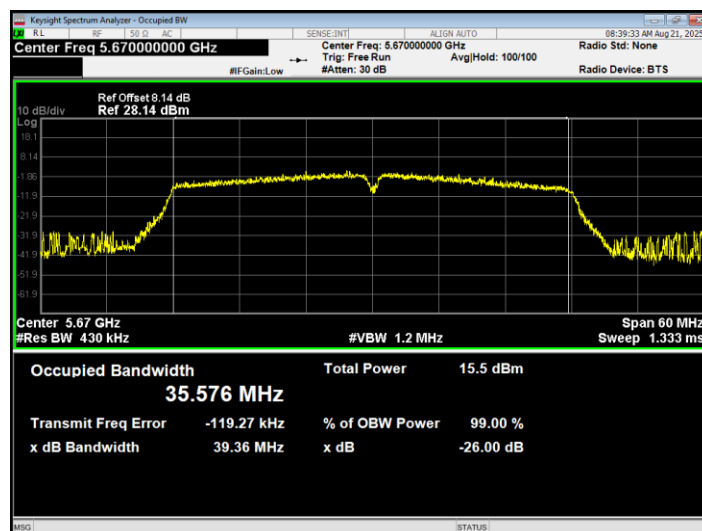
OBW NVNT n40 5510MHz Ant1



OBW NVNT n40 5550MHz Ant1



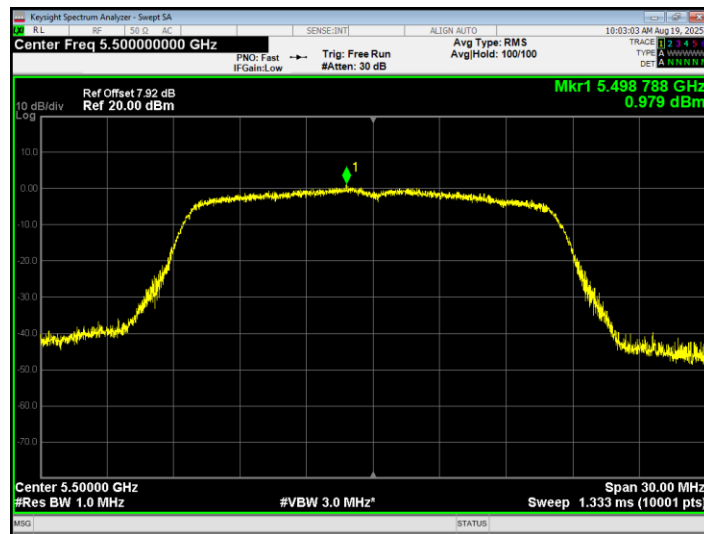
OBW NVNT n40 5670MHz Ant1



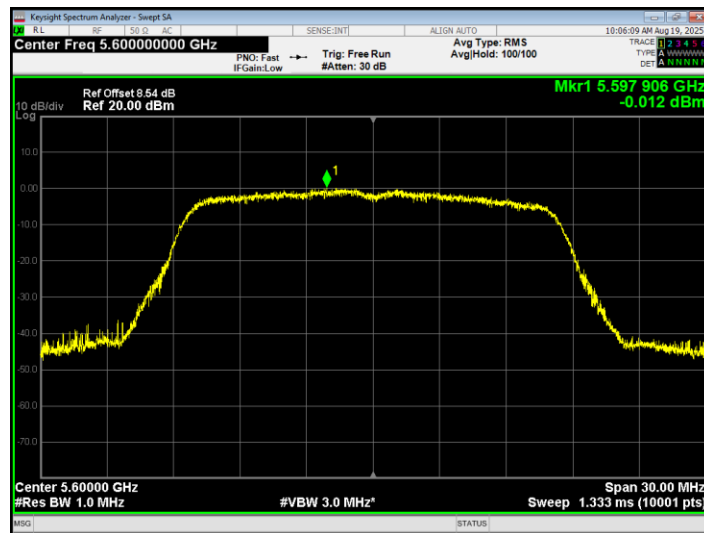
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	0.979	1.06	2.039	11	Pass
NVNT	a	5600	Ant1	-0.012	0.87	0.858	11	Pass
NVNT	a	5700	Ant1	-1.487	1.12	-0.367	11	Pass
NVNT	n20	5500	Ant1	0.792	0.13	0.922	11	Pass
NVNT	n20	5600	Ant1	0.141	0.13	0.271	11	Pass
NVNT	n20	5700	Ant1	-1.01	0.13	-0.88	11	Pass
NVNT	n40	5510	Ant1	-2.822	0.26	-2.562	11	Pass
NVNT	n40	5550	Ant1	-1.869	0.32	-1.549	11	Pass
NVNT	n40	5670	Ant1	-2.311	0.26	-2.051	11	Pass

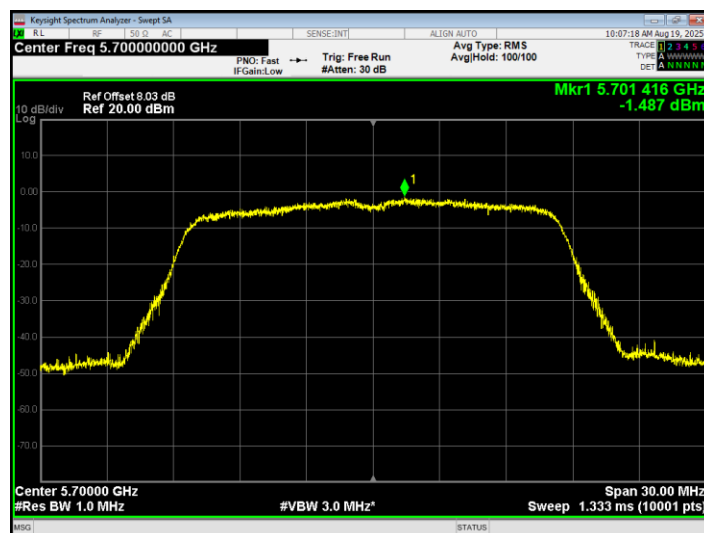
PSD NVNT a 5500MHz Ant1



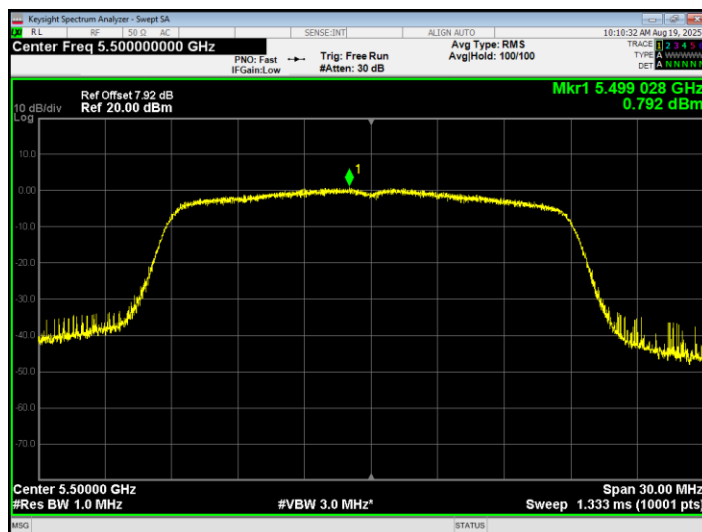
PSD NVNT a 5600MHz Ant1



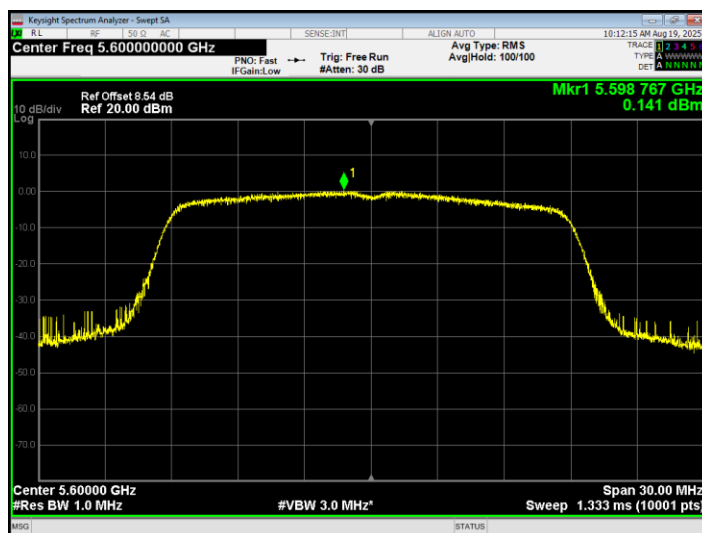
PSD NVNT a 5700MHz Ant1



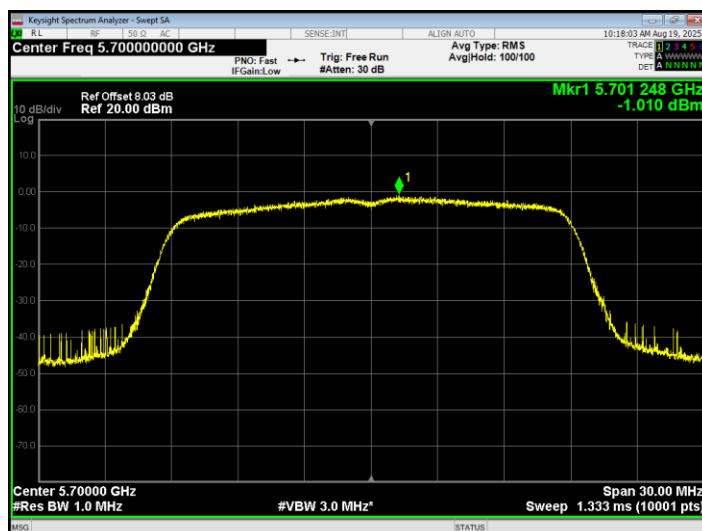
PSD NVNT n20 5500MHz Ant1



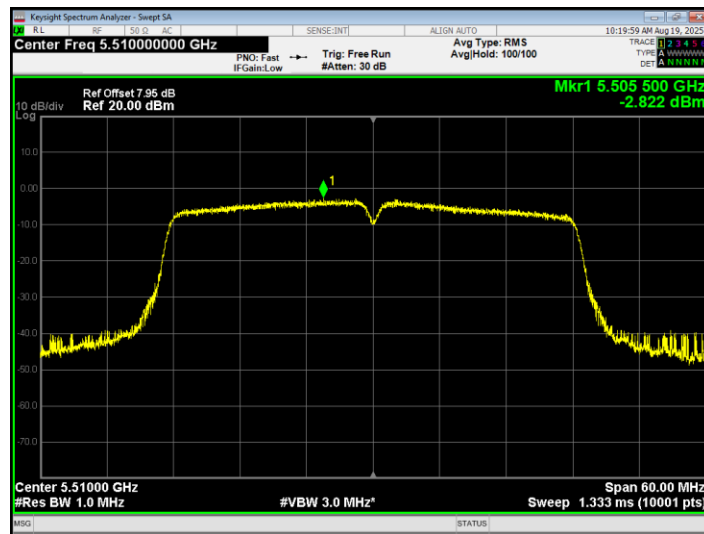
PSD NVNT n20 5600MHz Ant1



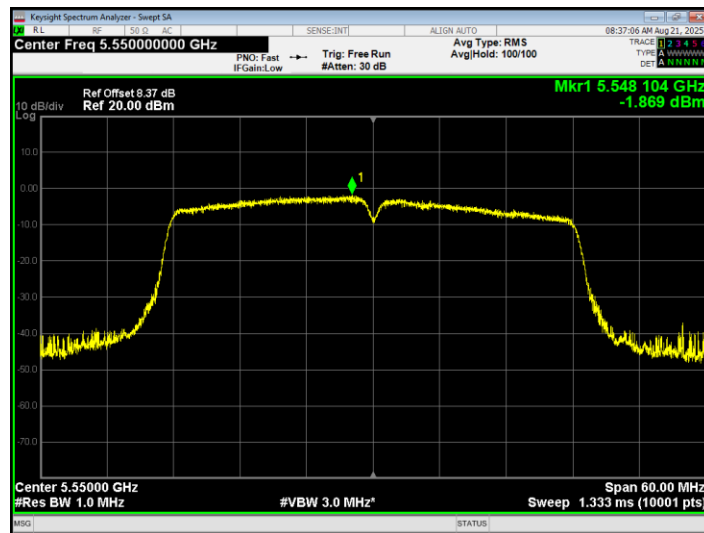
PSD NVNT n20 5700MHz Ant1



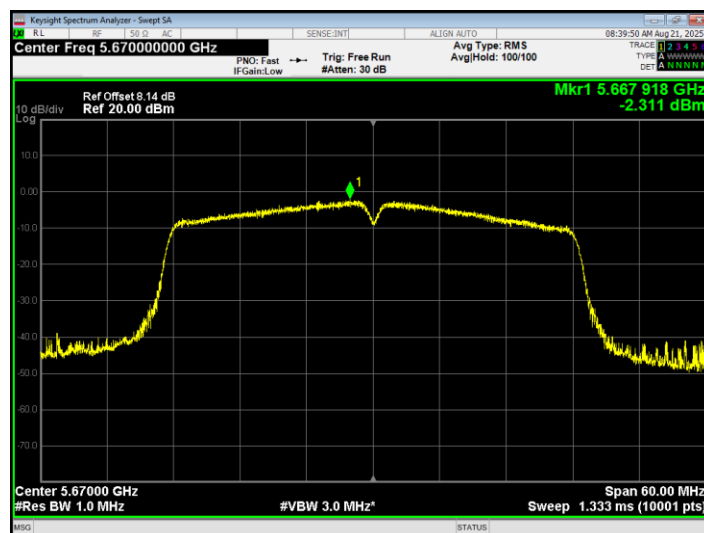
PSD NVNT n40 5510MHz Ant1



PSD NVNT n40 5550MHz Ant1



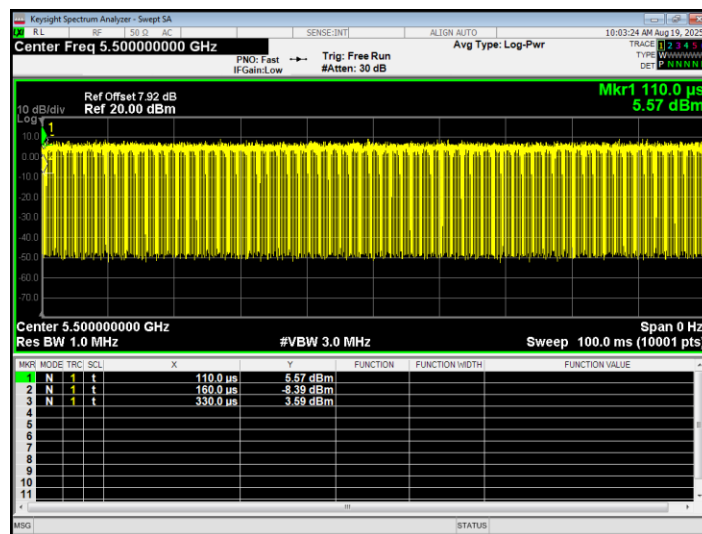
PSD NVNT n40 5670MHz Ant1



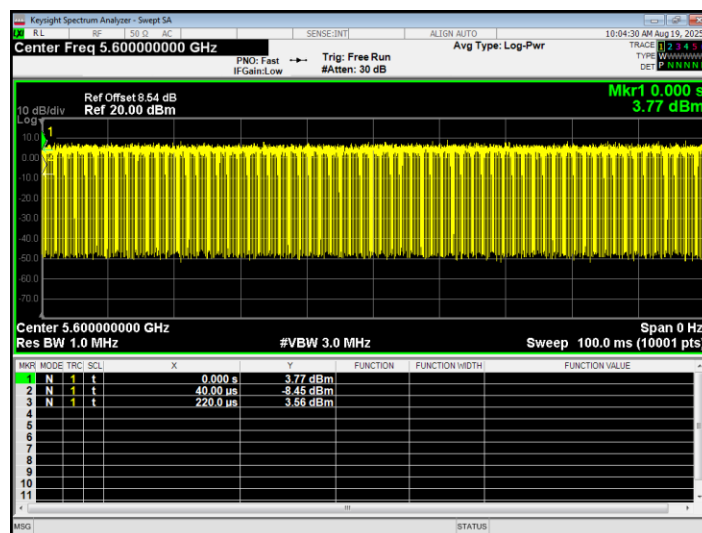
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5500	Ant2	77.27	1.12
NVNT	a	5600	Ant2	81.82	0.87
NVNT	a	5700	Ant2	81.82	0.87
NVNT	n20	5500	Ant2	97.01	0.13
NVNT	n20	5600	Ant2	97.04	0.13
NVNT	n20	5700	Ant2	97.04	0.13
NVNT	n40	5510	Ant2	94.2	0.26
NVNT	n40	5550	Ant2	94.2	0.26
NVNT	n40	5670	Ant2	94.2	0.26

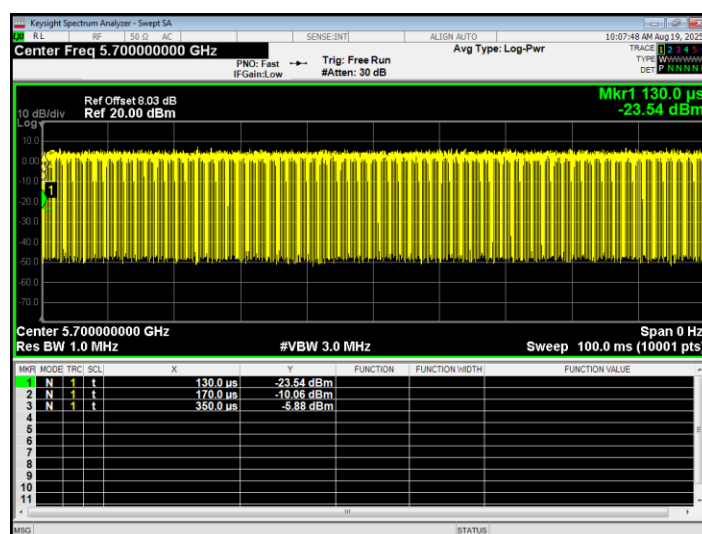
Duty Cycle NVNT a 5500MHz Ant2



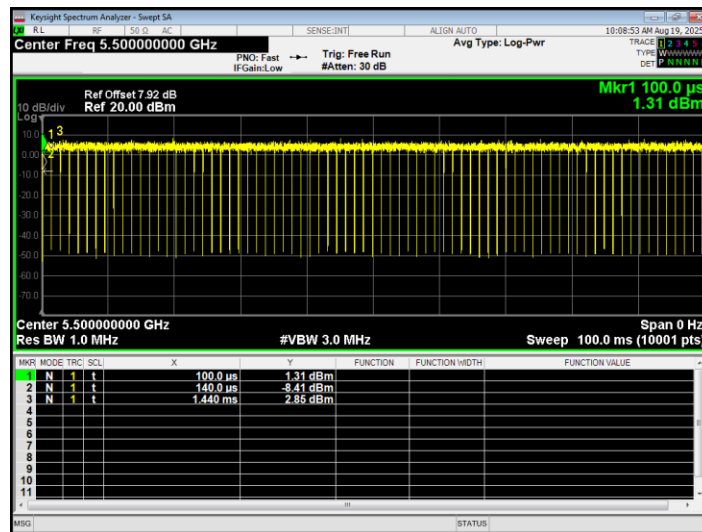
Duty Cycle NVNT a 5600MHz Ant2



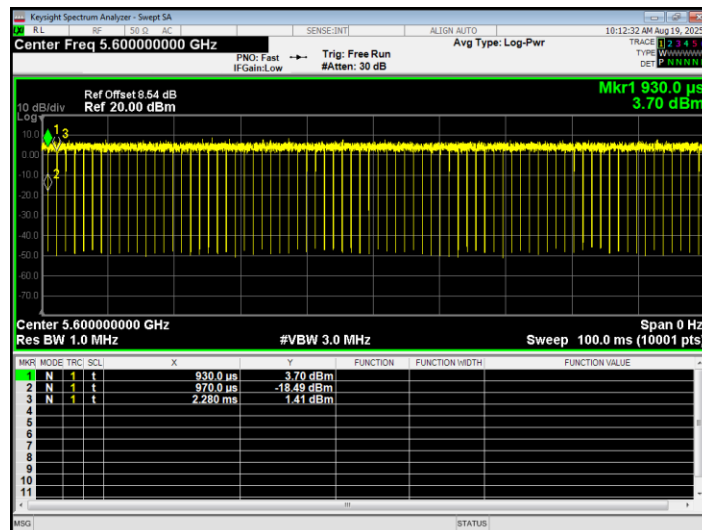
Duty Cycle NVNT a 5700MHz Ant2



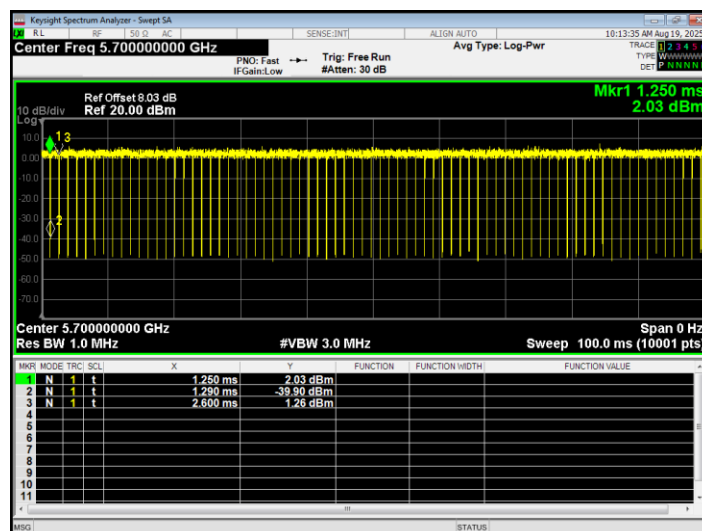
Duty Cycle NVNT n20 5500MHz Ant2



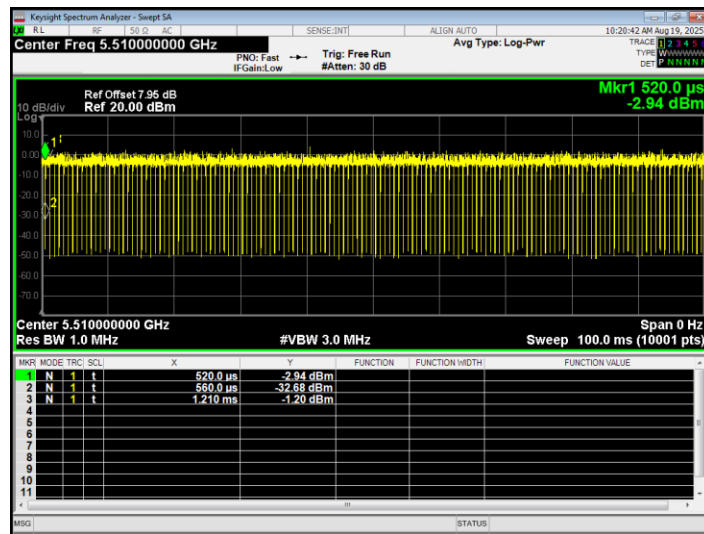
Duty Cycle NVNT n20 5600MHz Ant2



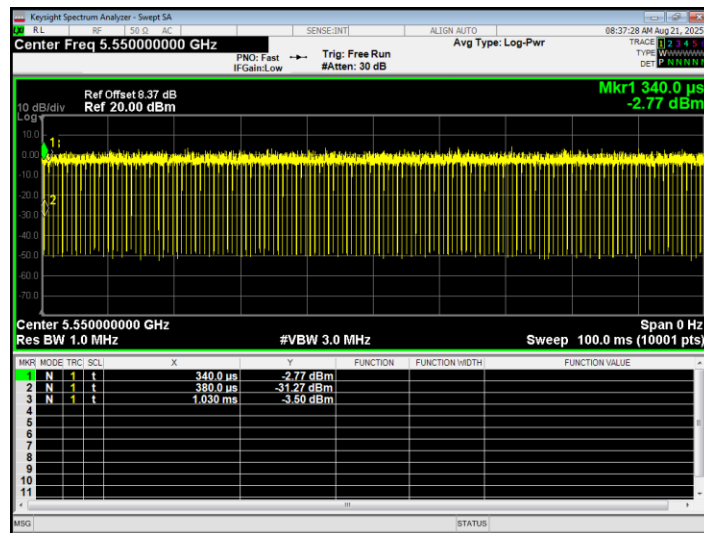
Duty Cycle NVNT n20 5700MHz Ant2



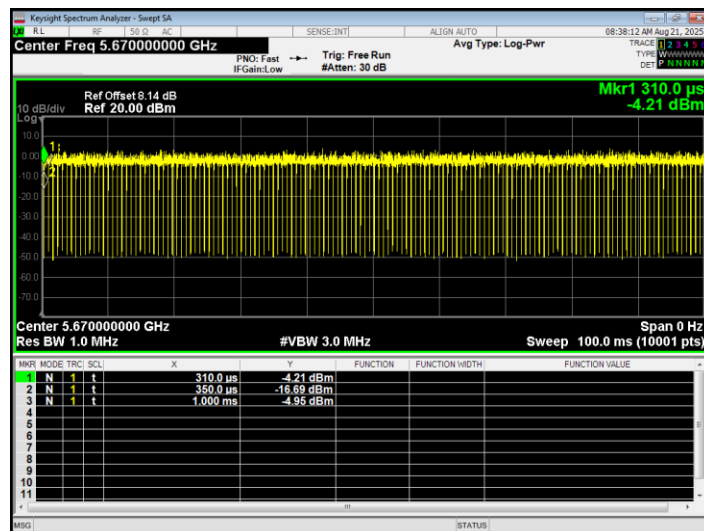
Duty Cycle NVNT n40 5510MHz Ant2



Duty Cycle NVNT n40 5550MHz Ant2



Duty Cycle NVNT n40 5670MHz Ant2

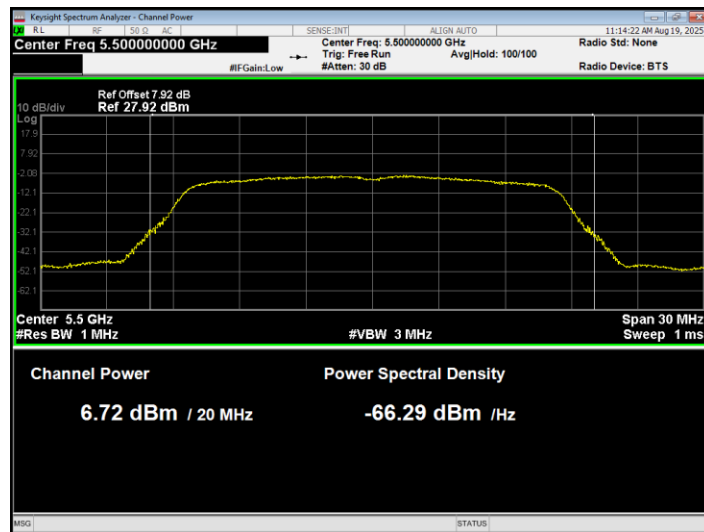


Maximum Conducted Output Power

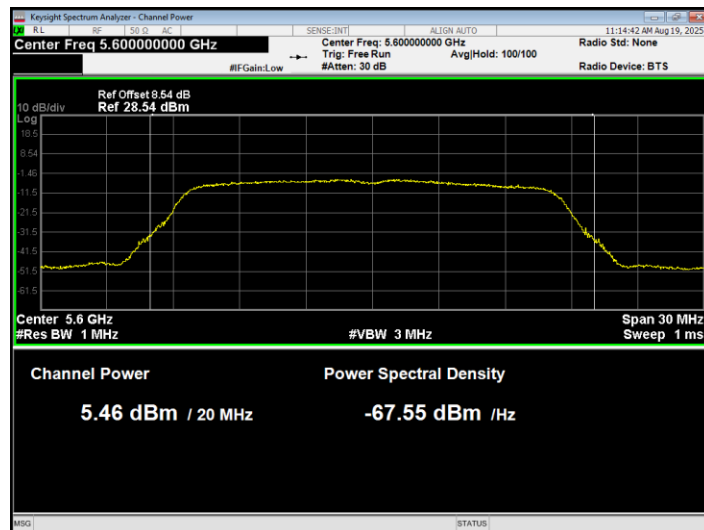
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant2	6.721	1.12	7.841	23.91	Pass
NVNT	a	5600	Ant2	5.463	0.87	6.333	23.91	Pass
NVNT	a	5700	Ant2	4.942	0.87	5.812	23.91	Pass
NVNT	n20	5500	Ant2	6.614	0.13	6.744	23.98	Pass
NVNT	n20	5600	Ant2	6.319	0.13	6.449	23.98	Pass
NVNT	n20	5700	Ant2	5.585	0.13	5.715	23.98	Pass
NVNT	n40	5510	Ant2	7.038	0.26	7.298	23.98	Pass
NVNT	n40	5550	Ant2	10.525	0.26	10.785	23.98	Pass
NVNT	n40	5670	Ant2	9.711	0.26	9.971	23.98	Pass

Condition	Mode	Frequency (MHz)	Total Power (dBm)		ANT1&ANT2 MIMO Maximum Conducted Output Power(dBm)	Limit (dBm)
			ANT1	ANT2		
NVNT	n20	5500	6.704	6.744	9.73	23.98
NVNT	n20	5600	6.483	6.449	9.48	23.98
NVNT	n20	5700	5.748	5.715	8.74	23.98
NVNT	n40	5510	7.309	7.298	10.31	23.98
NVNT	n40	5550	10.948	10.785	13.88	23.98
NVNT	n40	5670	9.94	9.971	12.97	23.98

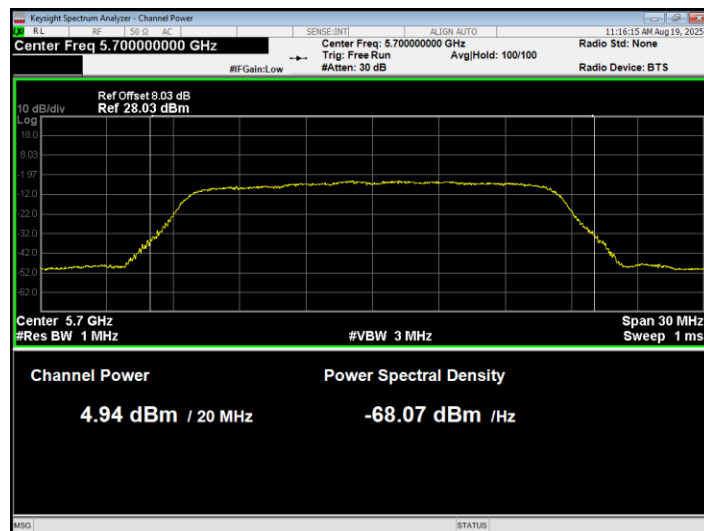
Power NVNT a 5500MHz Ant2



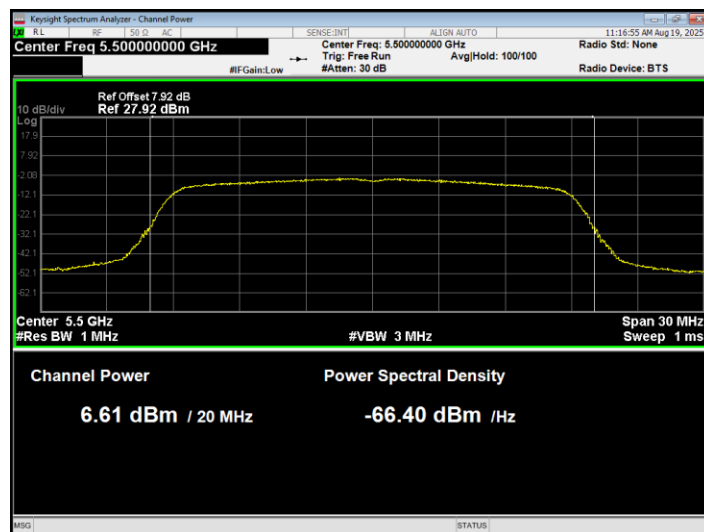
Power NVNT a 5600MHz Ant2



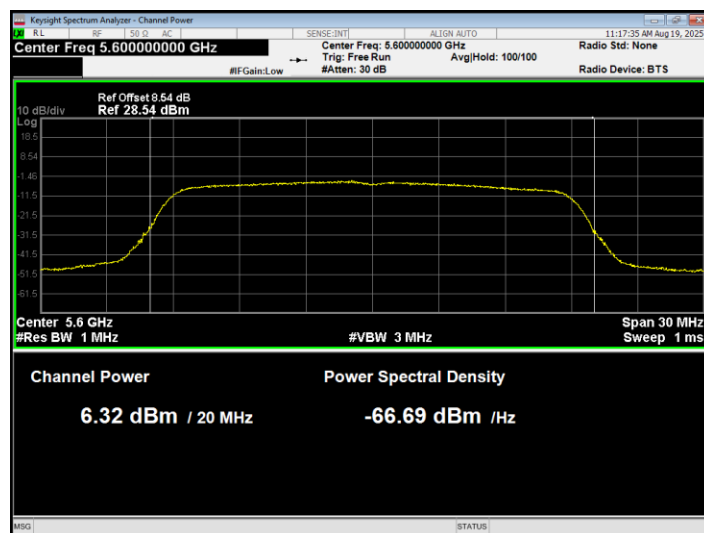
Power NVNT a 5700MHz Ant2



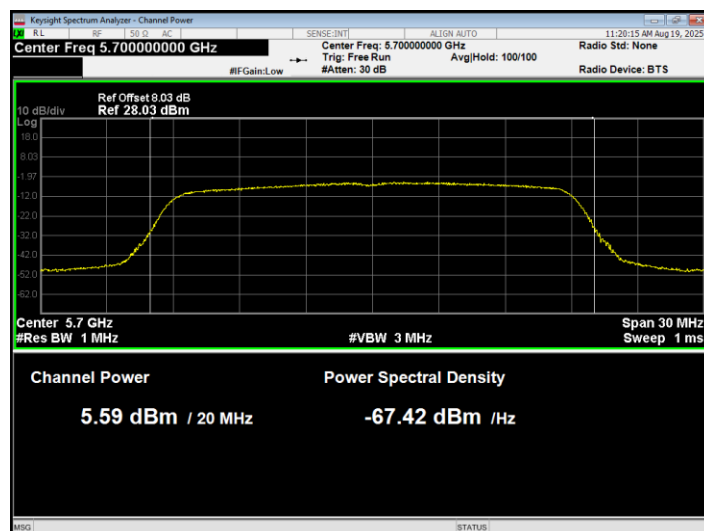
Power NVNT n20 5500MHz Ant2



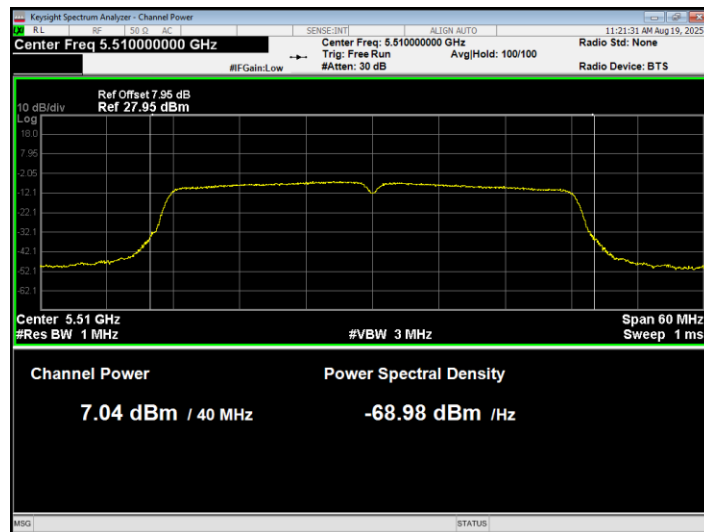
Power NVNT n20 5600MHz Ant2



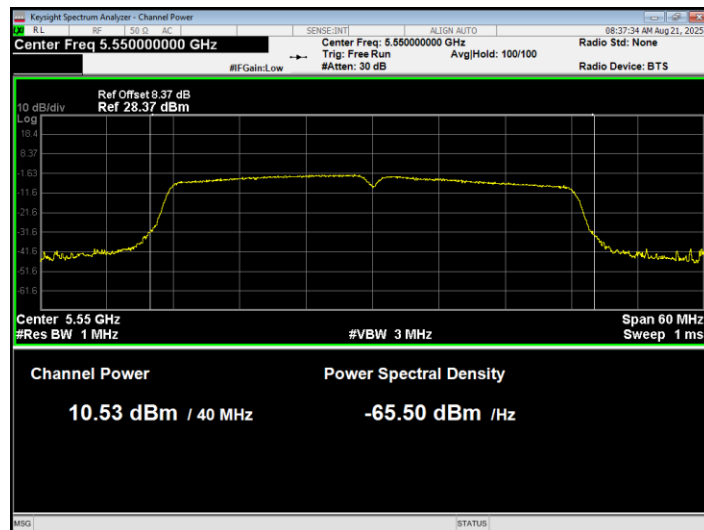
Power NVNT n20 5700MHz Ant2



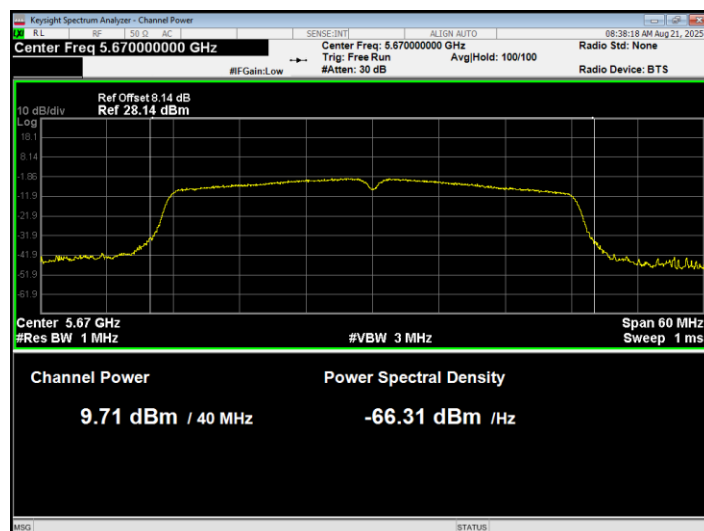
Power NVNT n40 5510MHz Ant2



Power NVNT n40 5550MHz Ant2



Power NVNT n40 5670MHz Ant2



-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant2	19.535	0.5	Pass
NVNT	a	5600	Ant2	19.634	0.5	Pass
NVNT	a	5700	Ant2	19.657	0.5	Pass
NVNT	n20	5500	Ant2	20.158	0.5	Pass
NVNT	n20	5600	Ant2	21.71	0.5	Pass
NVNT	n20	5700	Ant2	20.545	0.5	Pass
NVNT	n40	5510	Ant2	40.281	0.5	Pass
NVNT	n40	5550	Ant2	39.806	0.5	Pass
NVNT	n40	5670	Ant2	38.848	0.5	Pass