

Appendix 1

FCC Test Report

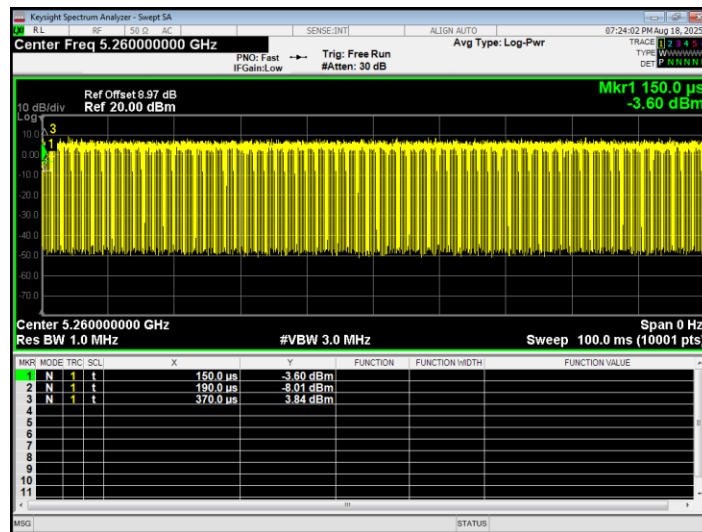
FCC ID: OYR-CF-E312AV2

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

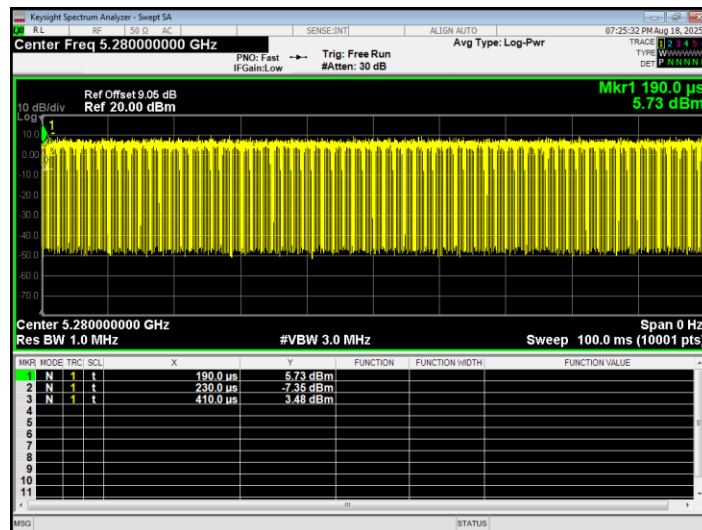
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5260	Ant1	81.82	0.87
NVNT	a	5280	Ant1	81.82	0.87
NVNT	a	5320	Ant1	81.82	0.87
NVNT	n20	5260	Ant1	97.01	0.13
NVNT	n20	5280	Ant1	97.01	0.13
NVNT	n20	5320	Ant1	97.01	0.13
NVNT	n40	5270	Ant1	94.2	0.26
NVNT	n40	5310	Ant1	94.2	0.26

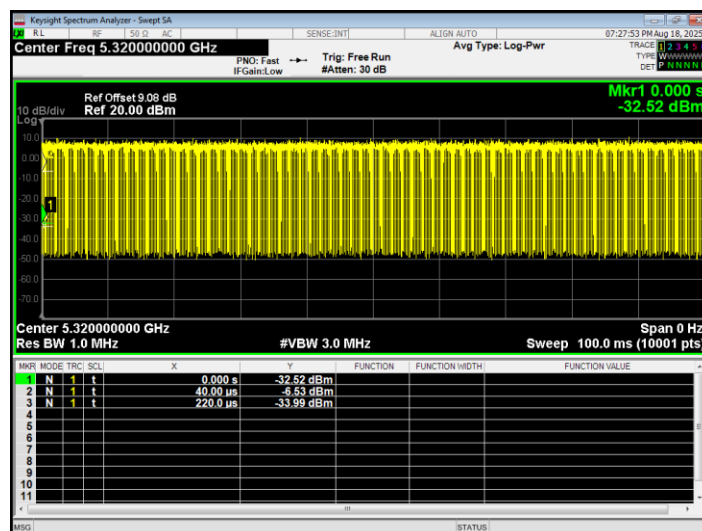
Duty Cycle NVNT a 5260MHz Ant1



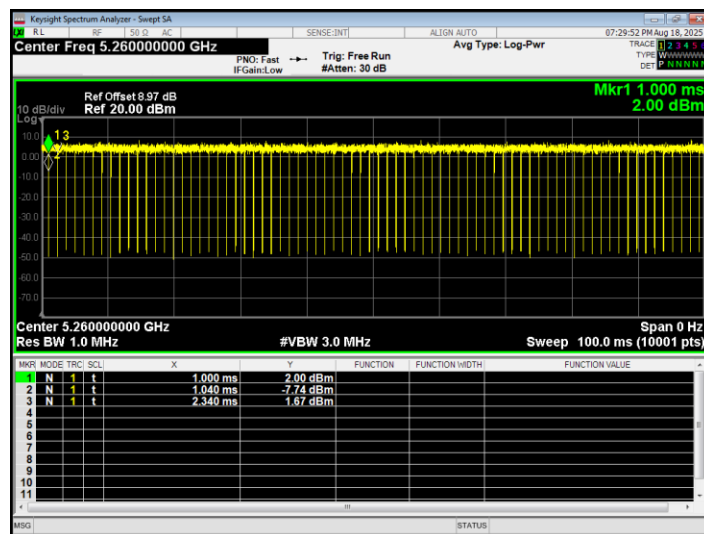
Duty Cycle NVNT a 5280MHz Ant1



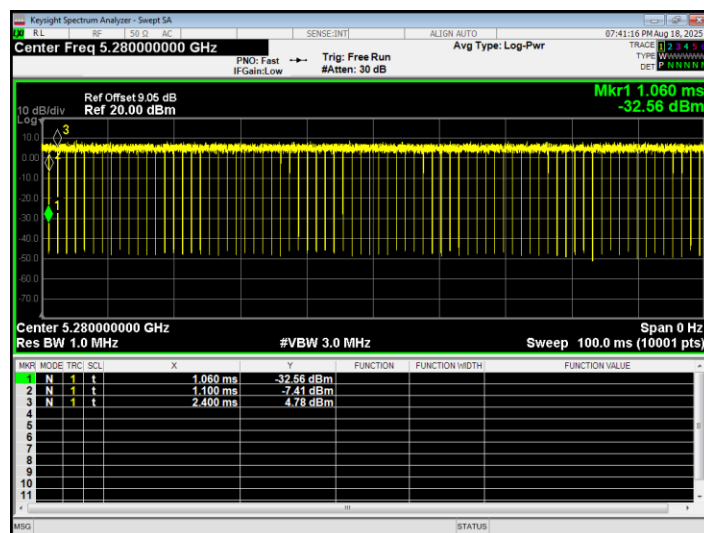
Duty Cycle NVNT a 5320MHz Ant1



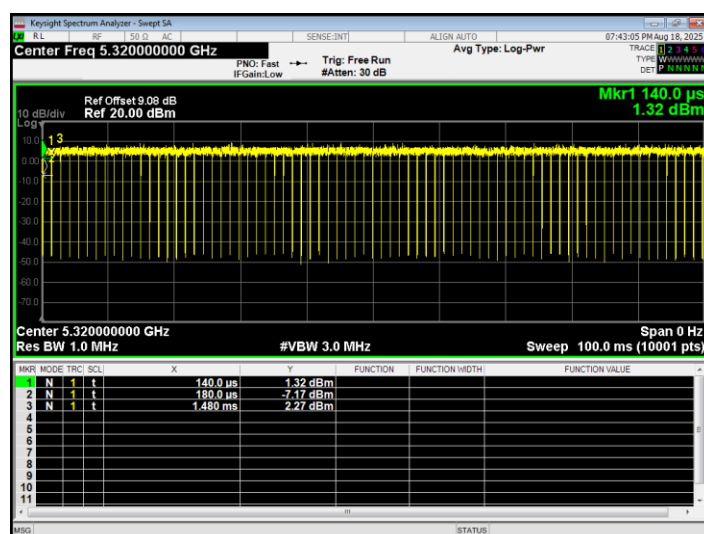
Duty Cycle NVNT n20 5260MHz Ant1



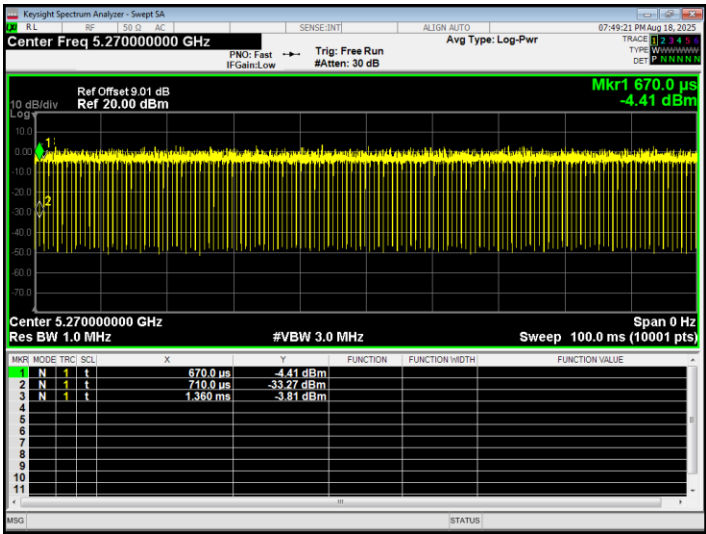
Duty Cycle NVNT n20 5280MHz Ant1



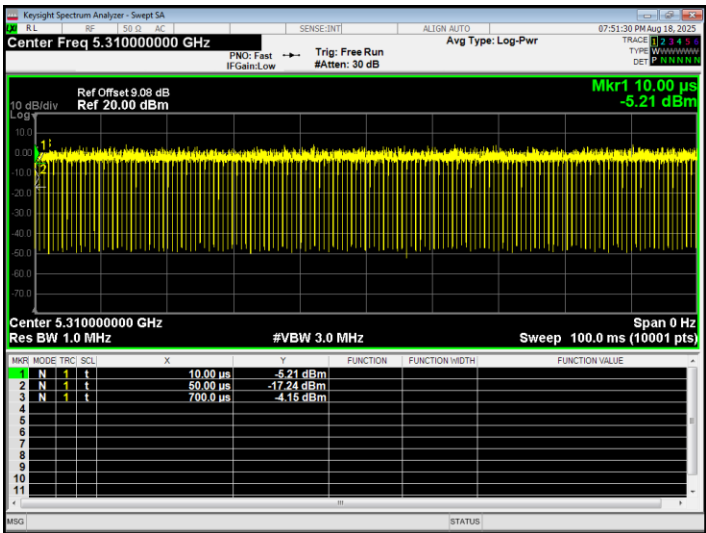
Duty Cycle NVNT n20 5320MHz Ant1



Duty Cycle NVNT n40 5270MHz Ant1



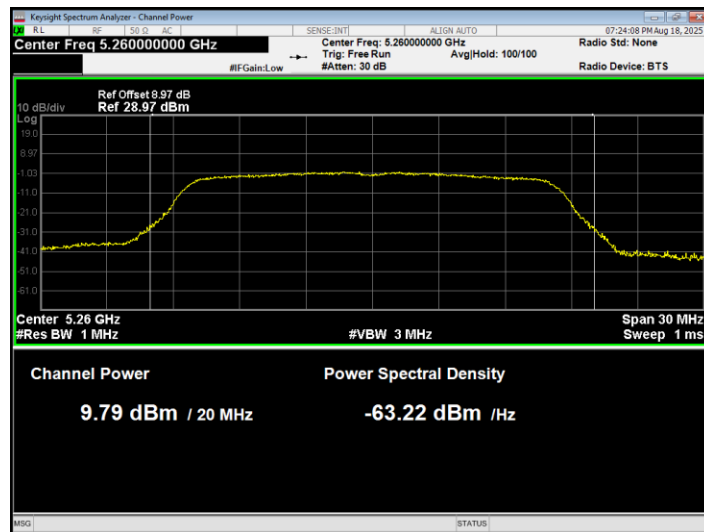
Duty Cycle NVNT n40 5310MHz Ant1



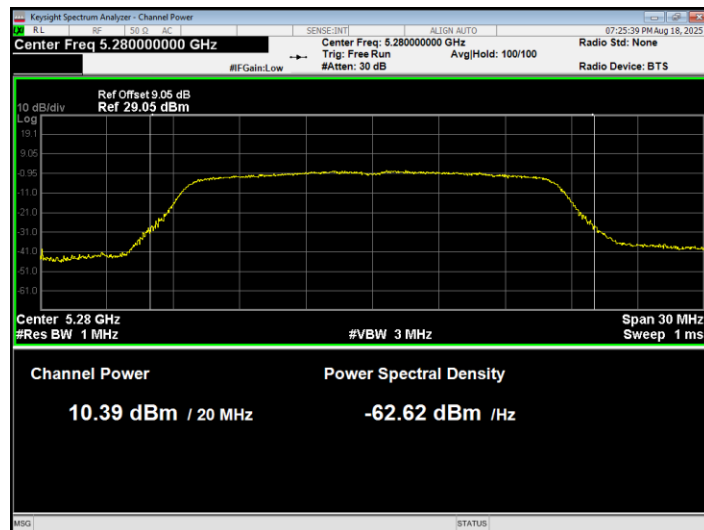
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	9.791	0.87	10.661	23.87	Pass
NVNT	a	5280	Ant1	10.393	0.87	11.263	23.87	Pass
NVNT	a	5320	Ant1	11.186	0.87	12.056	23.87	Pass
NVNT	n20	5260	Ant1	10.653	0.13	10.783	23.98	Pass
NVNT	n20	5280	Ant1	11.385	0.13	11.515	23.98	Pass
NVNT	n20	5320	Ant1	11.692	0.13	11.822	23.98	Pass
NVNT	n40	5270	Ant1	10.177	0.26	10.437	23.98	Pass
NVNT	n40	5310	Ant1	10.926	0.26	11.186	23.98	Pass

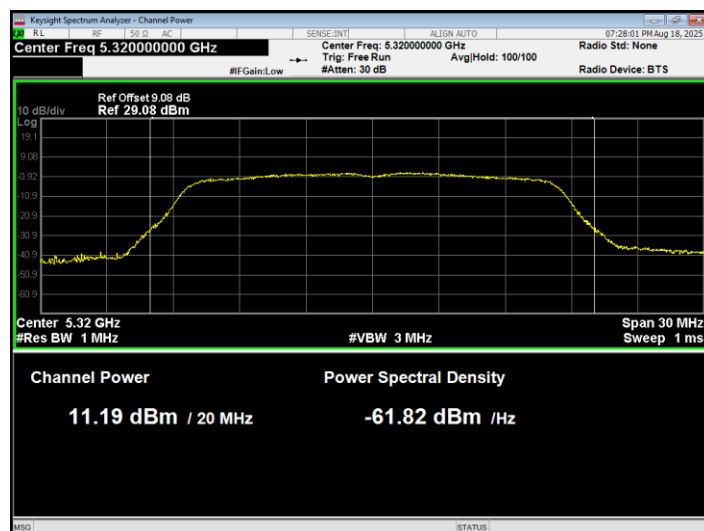
Power NVNT a 5260MHz Ant1



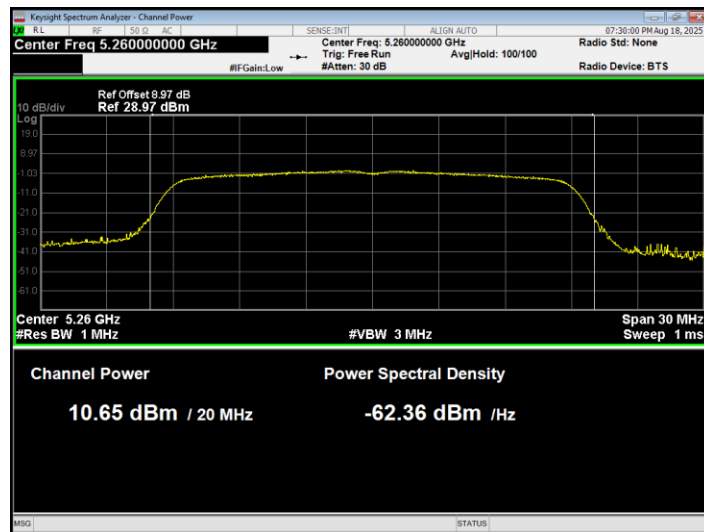
Power NVNT a 5280MHz Ant1



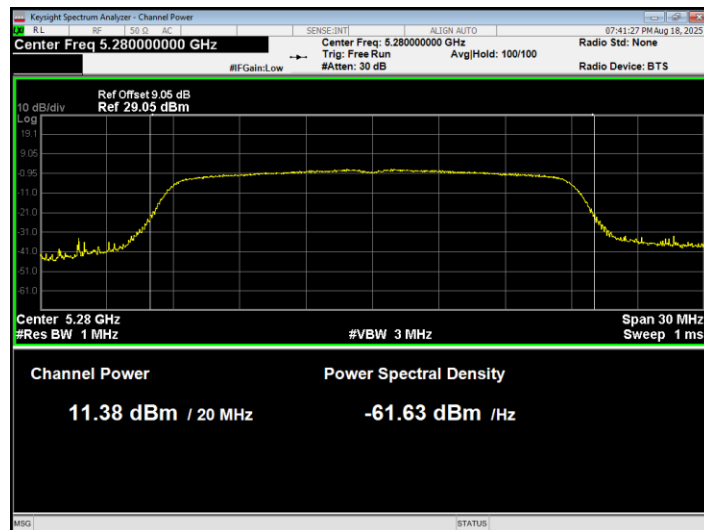
Power NVNT a 5320MHz Ant1



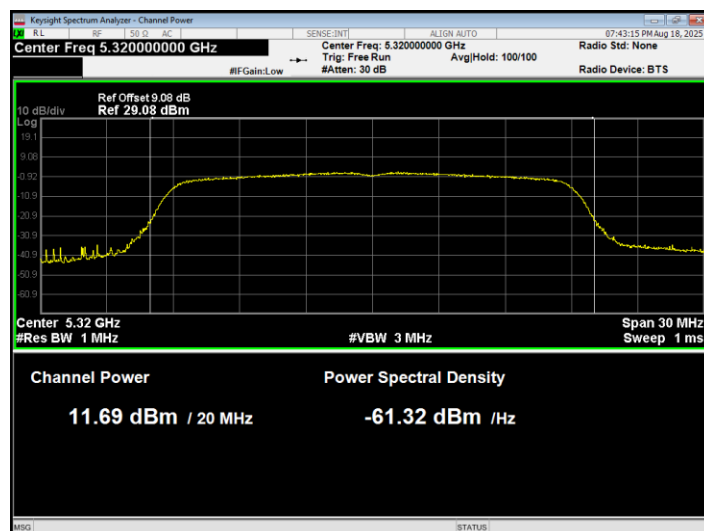
Power NVNT n20 5260MHz Ant1



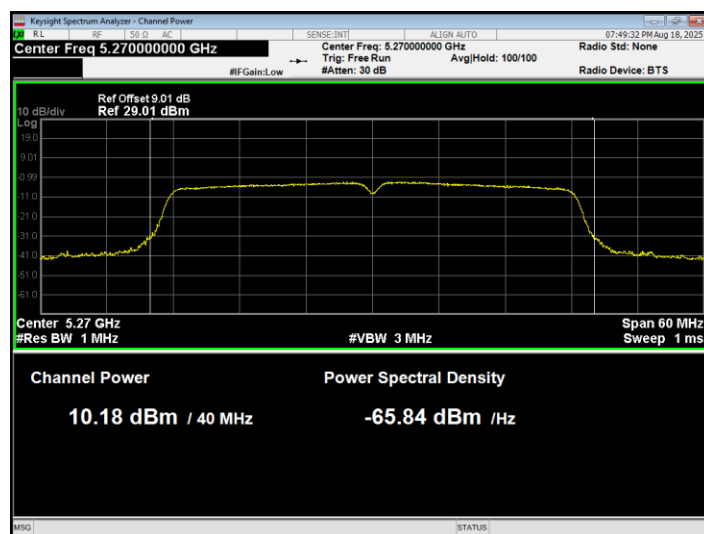
Power NVNT n20 5280MHz Ant1



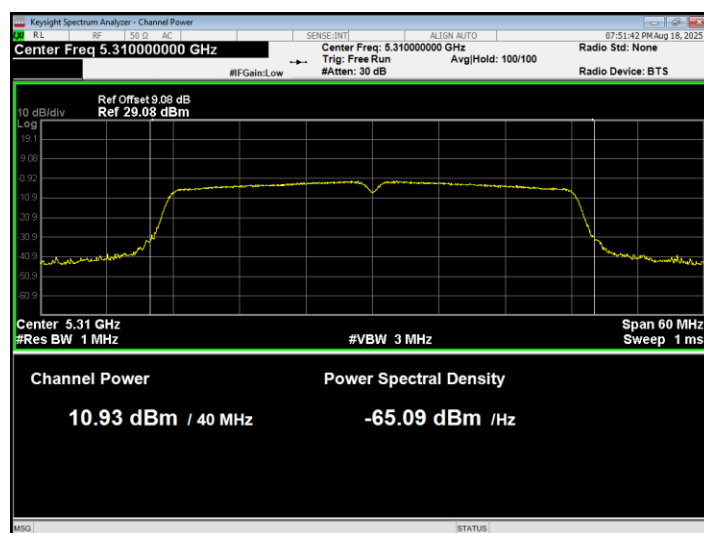
Power NVNT n20 5320MHz Ant1



Power NVNT n40 5270MHz Ant1



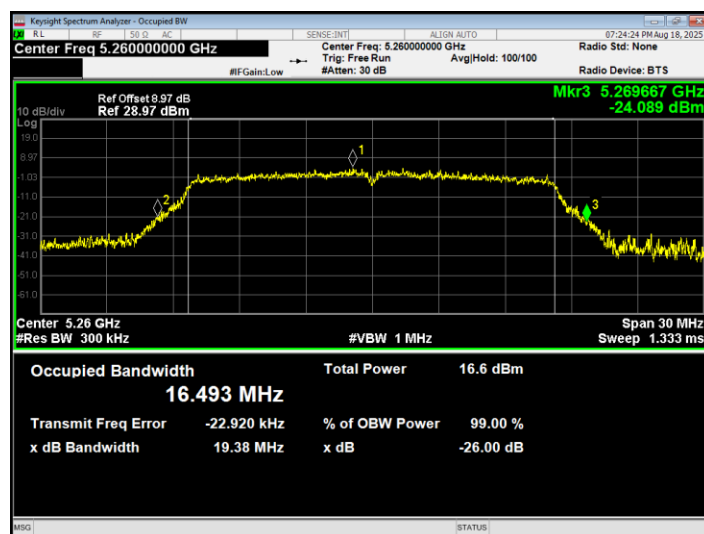
Power NVNT n40 5310MHz Ant1



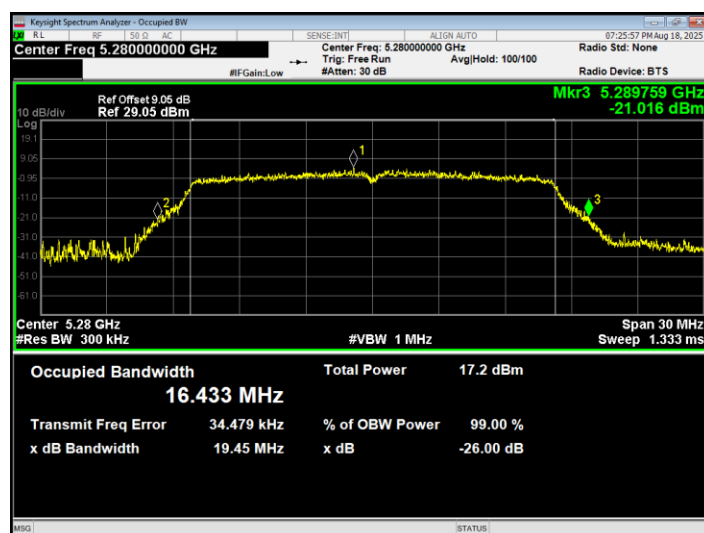
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	19.38	0.5	Pass
NVNT	a	5280	Ant1	19.449	0.5	Pass
NVNT	a	5320	Ant1	19.707	0.5	Pass
NVNT	n20	5260	Ant1	20.589	0.5	Pass
NVNT	n20	5280	Ant1	20.794	0.5	Pass
NVNT	n20	5320	Ant1	20.368	0.5	Pass
NVNT	n40	5270	Ant1	40.504	0.5	Pass
NVNT	n40	5310	Ant1	40.313	0.5	Pass

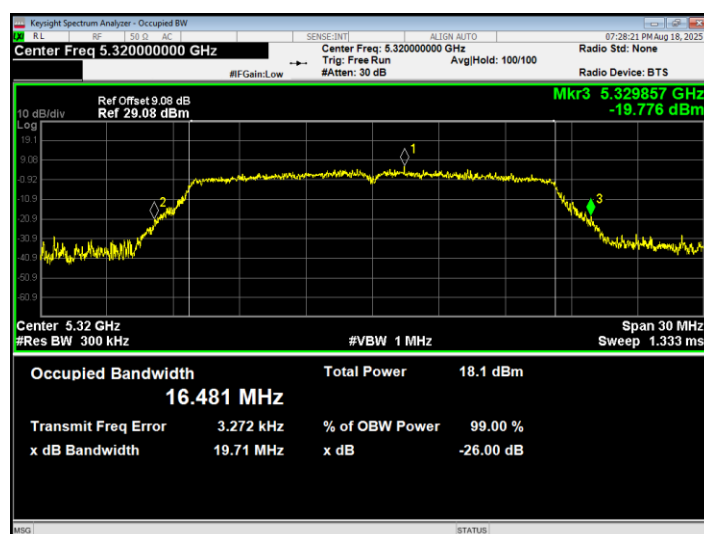
-26dB Bandwidth NVNT a 5260MHz Ant1



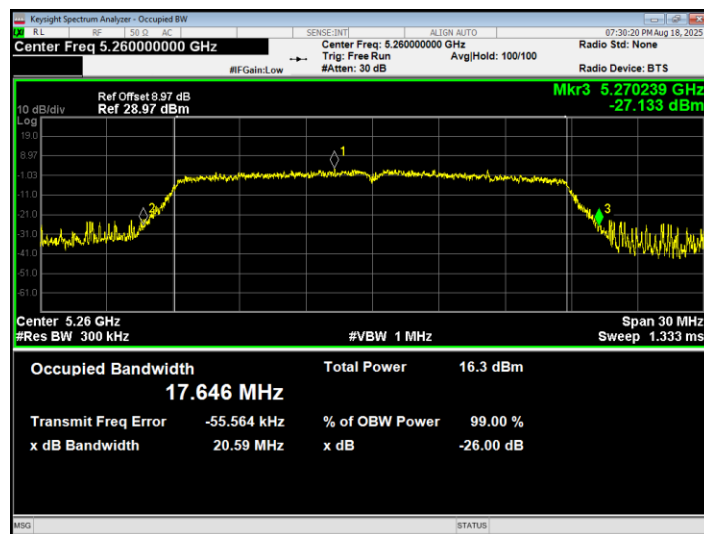
-26dB Bandwidth NVNT a 5280MHz Ant1



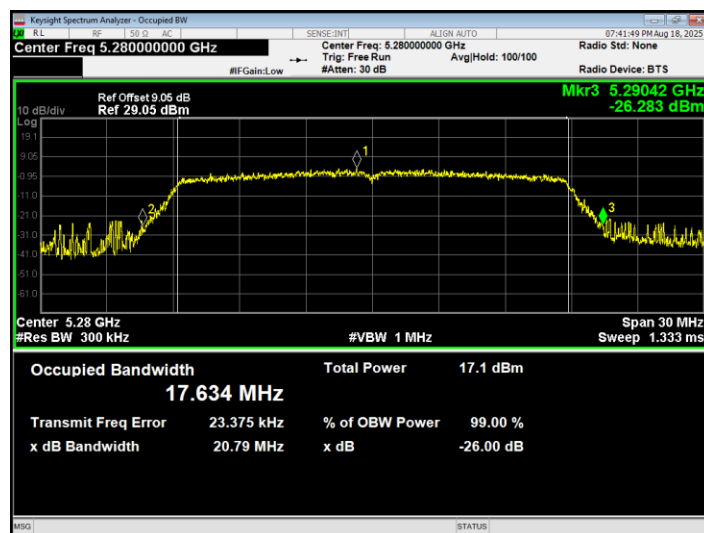
-26dB Bandwidth NVNT a 5320MHz Ant1



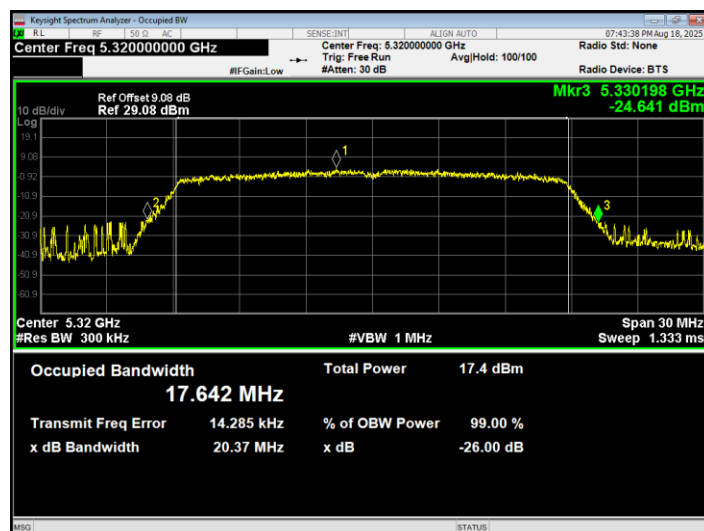
-26dB Bandwidth NVNT n20 5260MHz Ant1



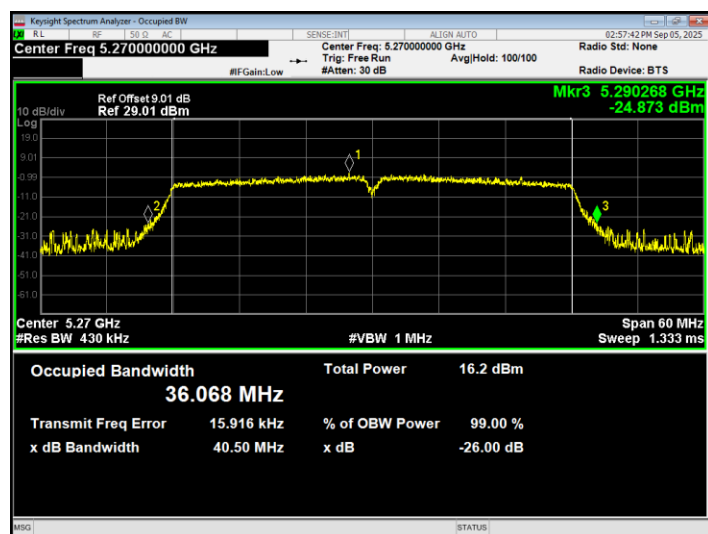
-26dB Bandwidth NVNT n20 5280MHz Ant1



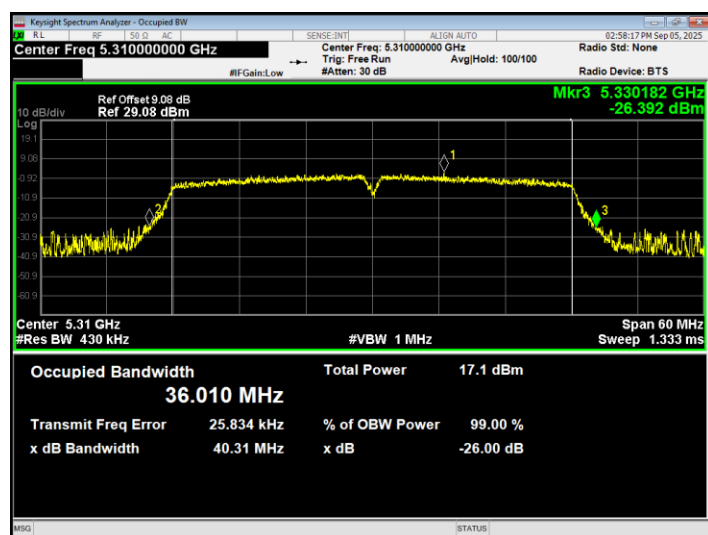
-26dB Bandwidth NVNT n20 5320MHz Ant1



-26dB Bandwidth NVNT n40 5270MHz Ant1



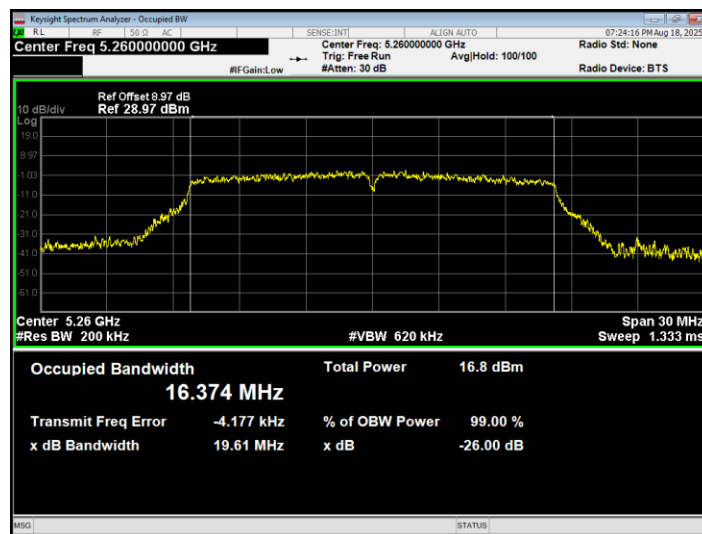
-26dB Bandwidth NVNT n40 5310MHz Ant1



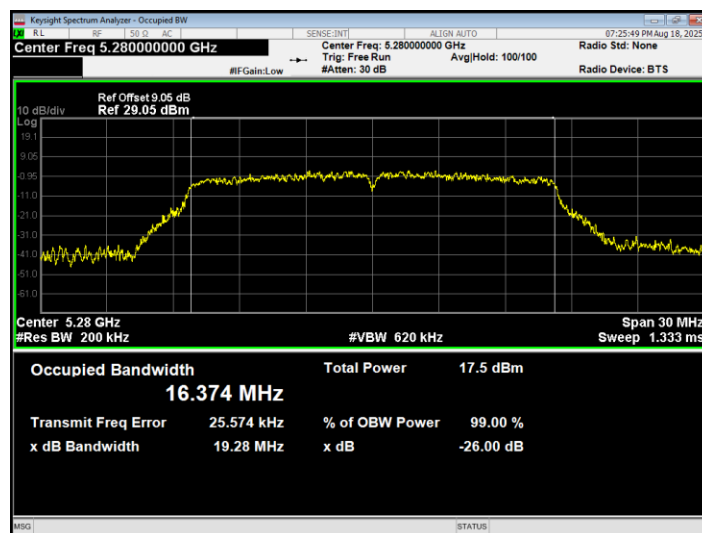
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.37375568
NVNT	a	5280	Ant1	16.37424847
NVNT	a	5320	Ant1	16.38118053
NVNT	n20	5260	Ant1	17.54875574
NVNT	n20	5280	Ant1	17.55376265
NVNT	n20	5320	Ant1	17.54416166
NVNT	n40	5270	Ant1	36.03582875
NVNT	n40	5310	Ant1	36.0082103

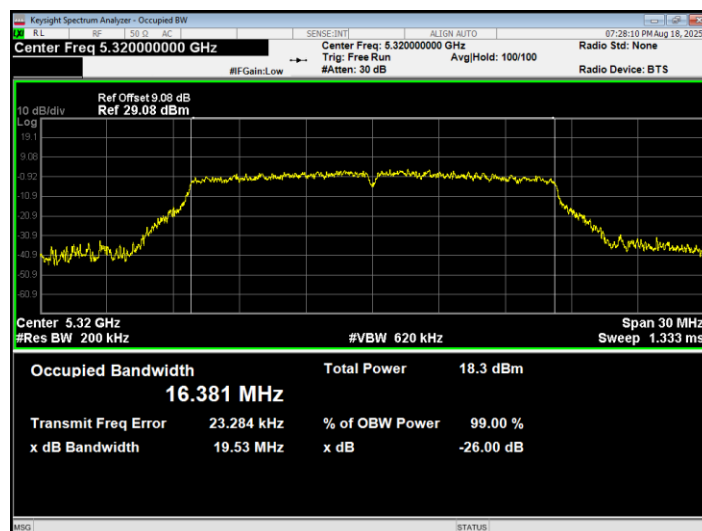
OBW NVNT a 5260MHz Ant1



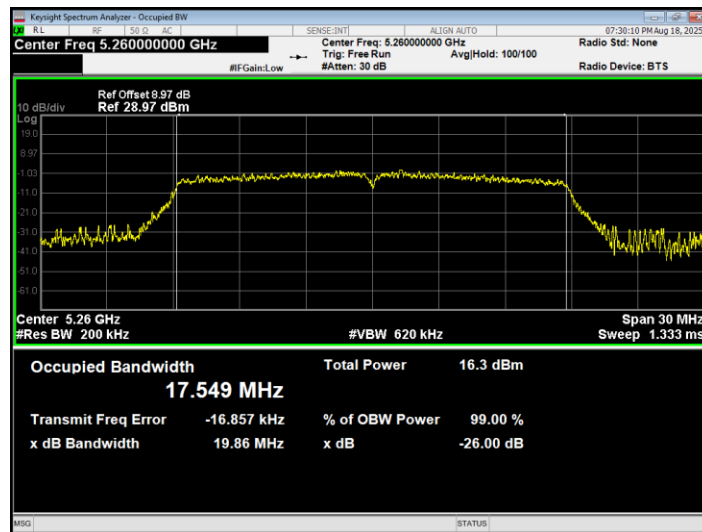
OBW NVNT a 5280MHz Ant1



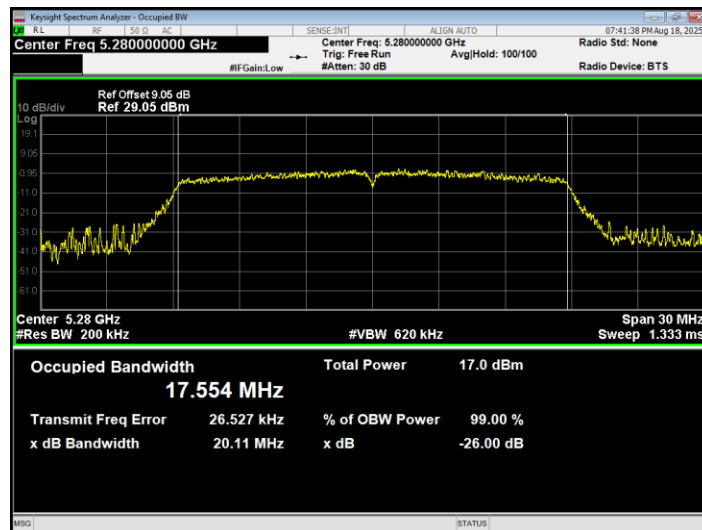
OBW NVNT a 5320MHz Ant1



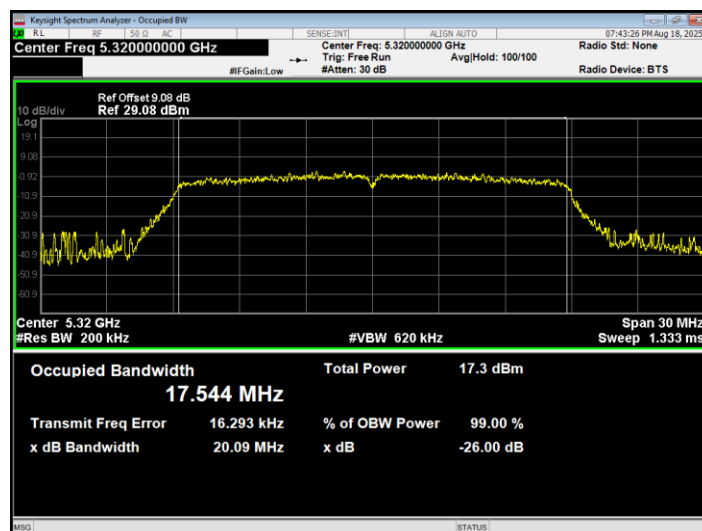
OBW NVNT n20 5260MHz Ant1



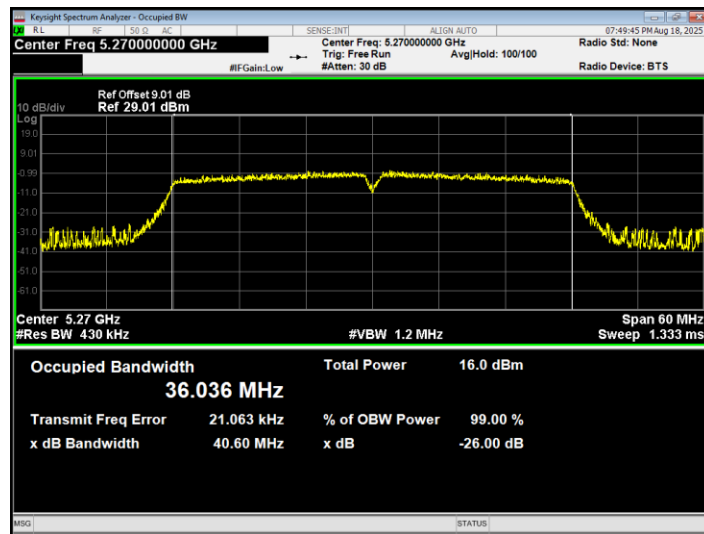
OBW NVNT n20 5280MHz Ant1



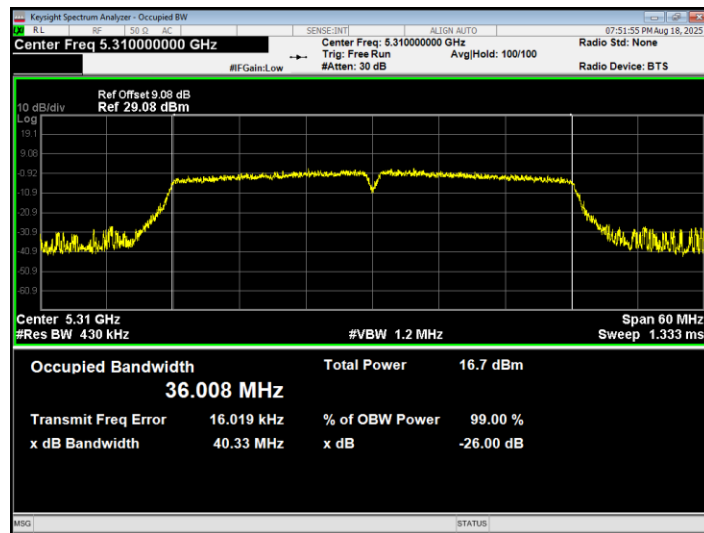
OBW NVNT n20 5320MHz Ant1



OBW NVNT n40 5270MHz Ant1



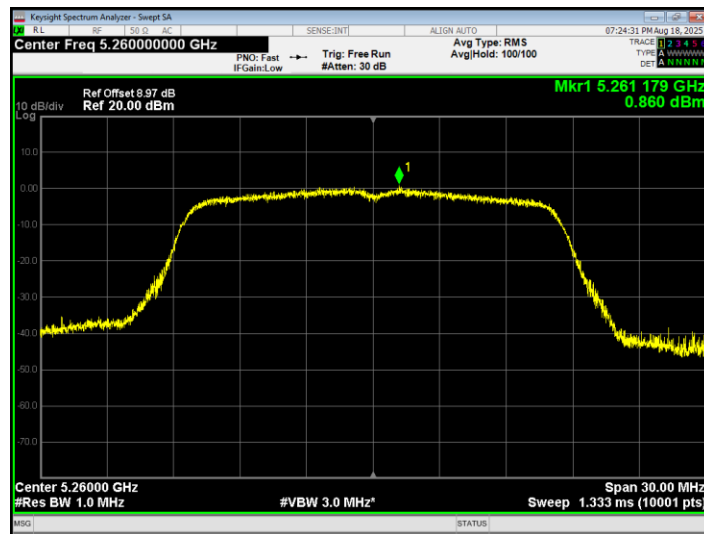
OBW NVNT n40 5310MHz Ant1



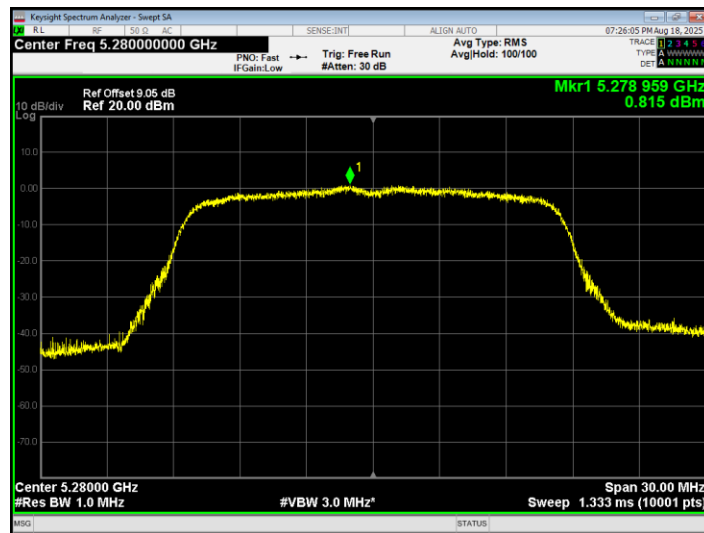
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	0.86	0.87	1.73	11	Pass
NVNT	a	5280	Ant1	0.815	0.87	1.685	11	Pass
NVNT	a	5320	Ant1	1.955	0.87	2.825	11	Pass
NVNT	n20	5260	Ant1	0.725	0.13	0.855	11	Pass
NVNT	n20	5280	Ant1	1.762	0.13	1.892	11	Pass
NVNT	n20	5320	Ant1	2.064	0.13	2.194	11	Pass
NVNT	n40	5270	Ant1	-2.792	0.26	-2.532	11	Pass
NVNT	n40	5310	Ant1	-1.662	0.26	-1.402	11	Pass

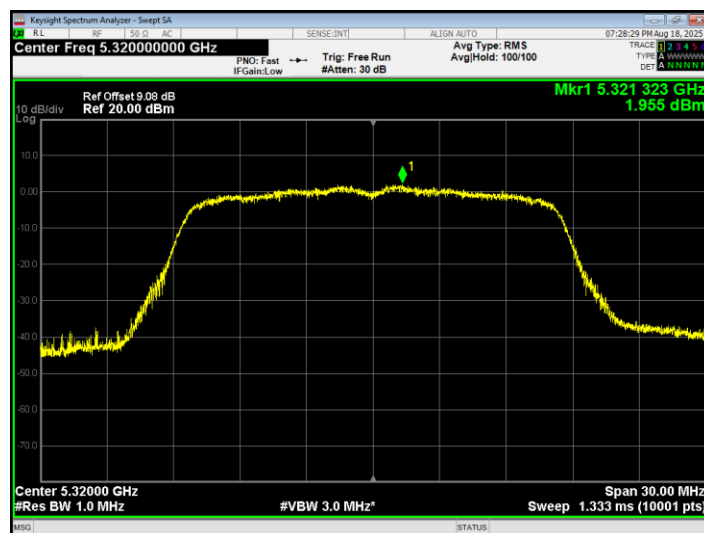
PSD NVNT a 5260MHz Ant1



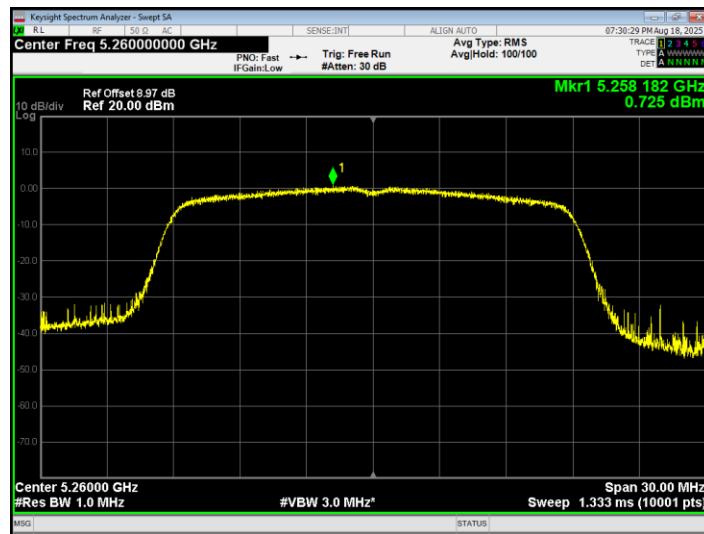
PSD NVNT a 5280MHz Ant1



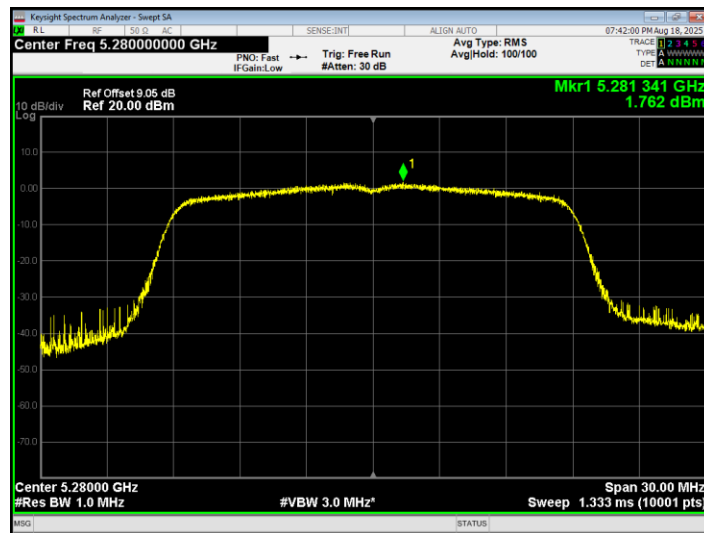
PSD NVNT a 5320MHz Ant1



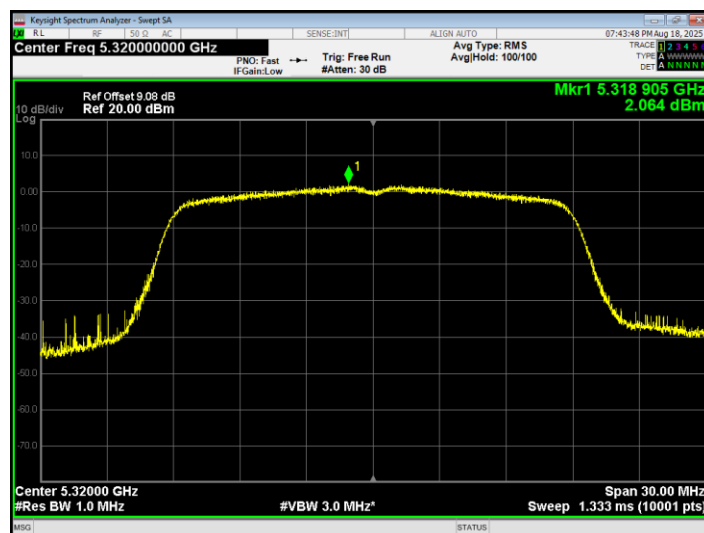
PSD NVNT n20 5260MHz Ant1



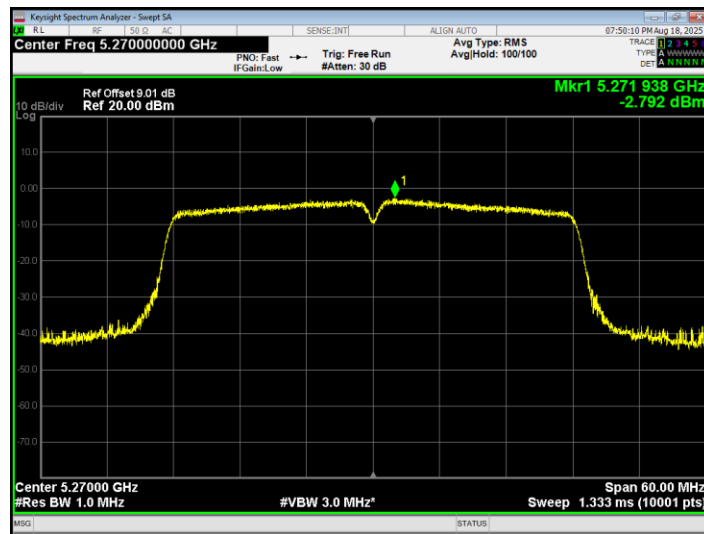
PSD NVNT n20 5280MHz Ant1



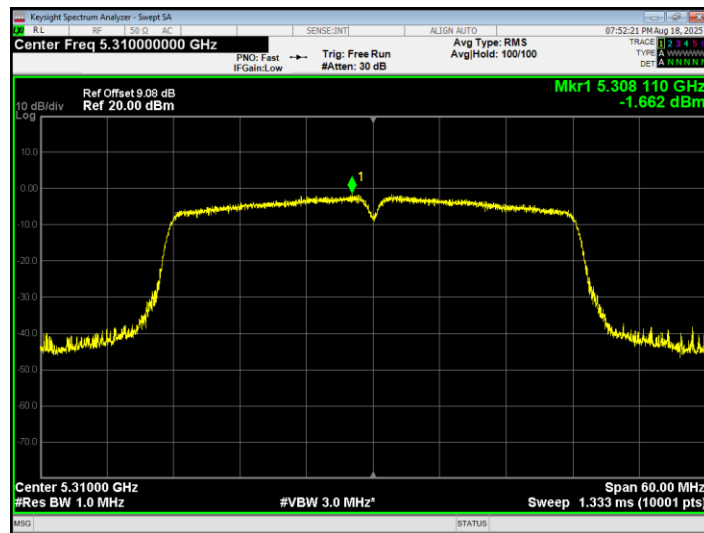
PSD NVNT n20 5320MHz Ant1



PSD NVNT n40 5270MHz Ant1



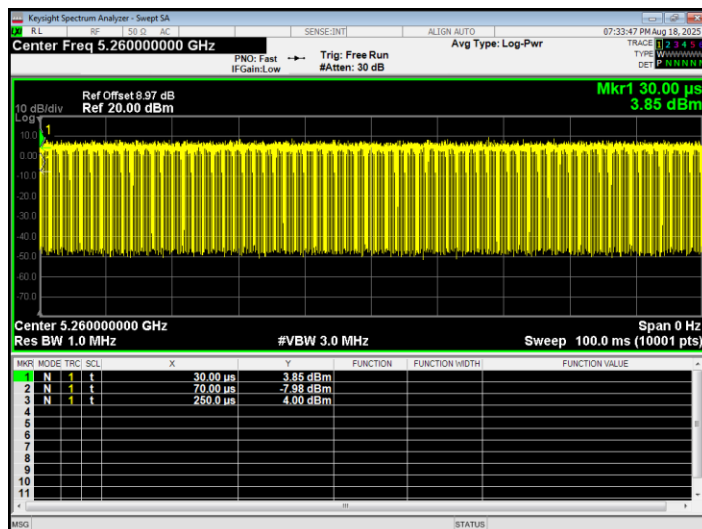
PSD NVNT n40 5310MHz Ant1



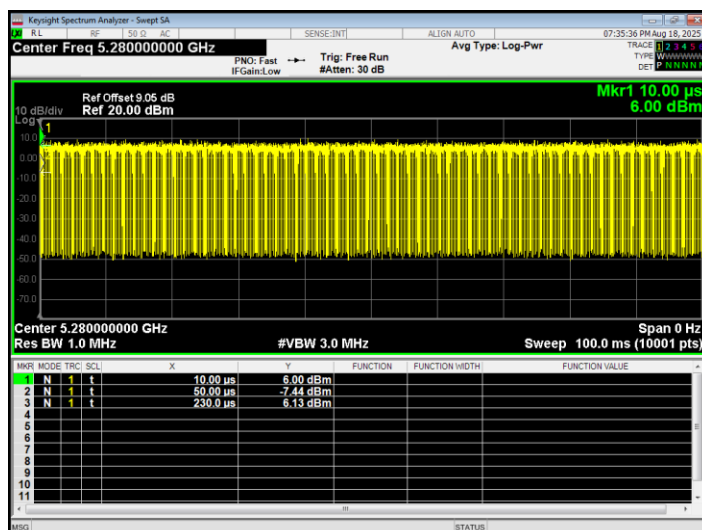
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5260	Ant2	81.82	0.87
NVNT	a	5280	Ant2	81.82	0.87
NVNT	a	5320	Ant2	81.82	0.87
NVNT	n20	5260	Ant2	97.01	0.13
NVNT	n20	5280	Ant2	97.01	0.13
NVNT	n20	5320	Ant2	96.3	0.16
NVNT	n40	5270	Ant2	94.2	0.26
NVNT	n40	5310	Ant2	92.86	0.32

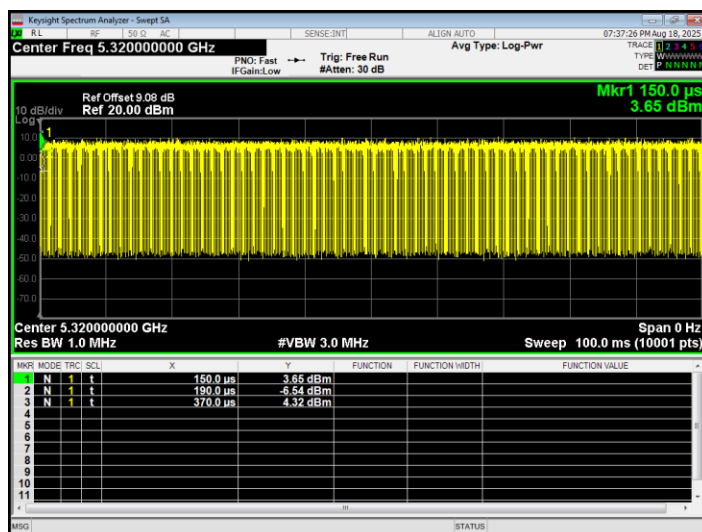
Duty Cycle NVNT a 5260MHz Ant2



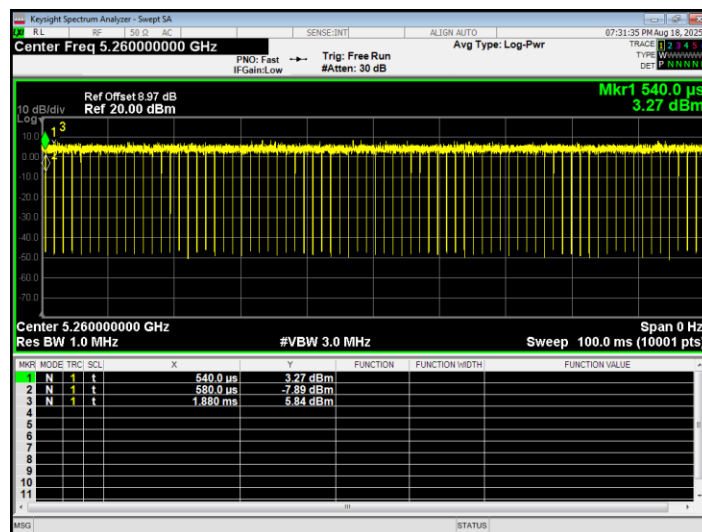
Duty Cycle NVNT a 5280MHz Ant2



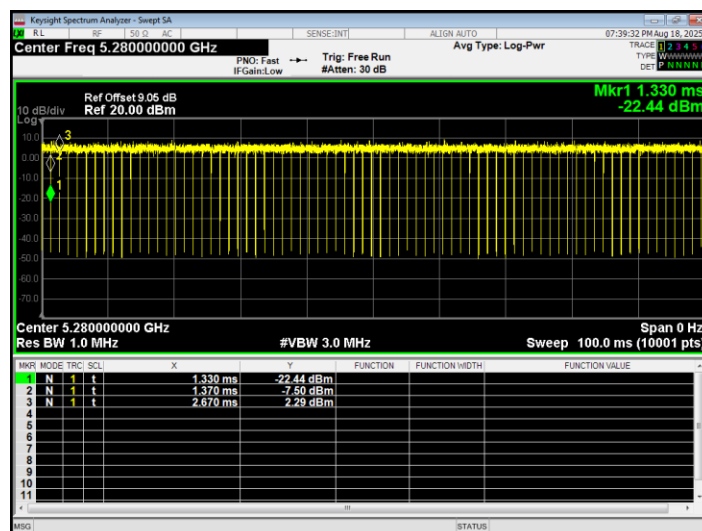
Duty Cycle NVNT a 5320MHz Ant2



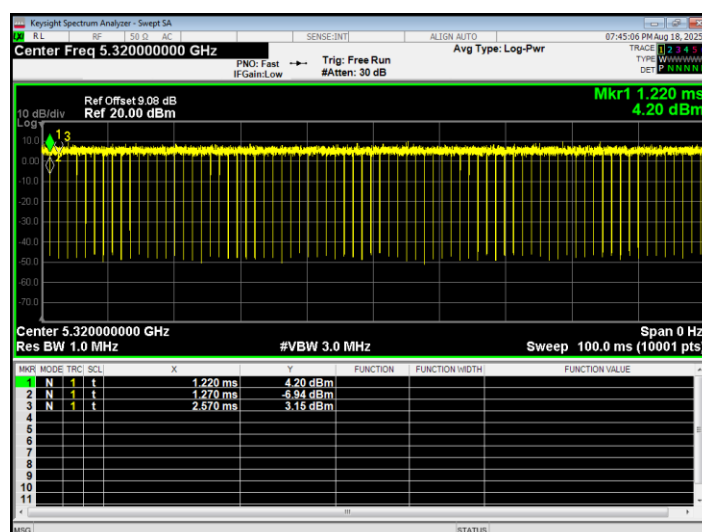
Duty Cycle NVNT n20 5260MHz Ant2



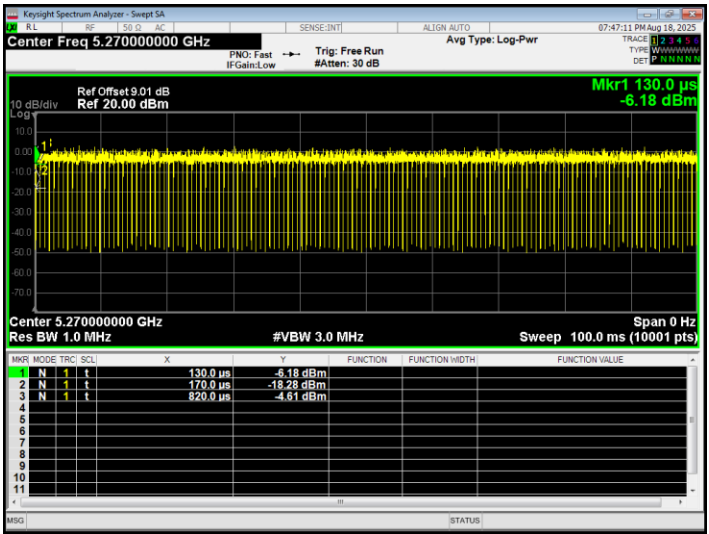
Duty Cycle NVNT n20 5280MHz Ant2



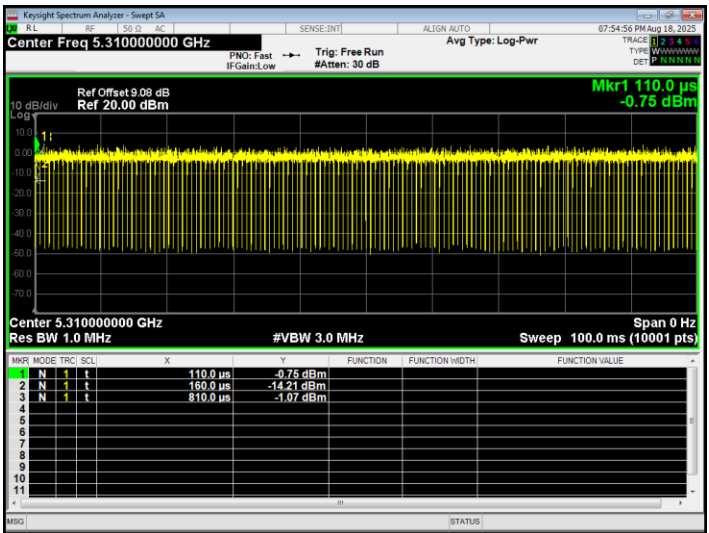
Duty Cycle NVNT n20 5320MHz Ant2



Duty Cycle NVNT n40 5270MHz Ant2



Duty Cycle NVNT n40 5310MHz Ant2

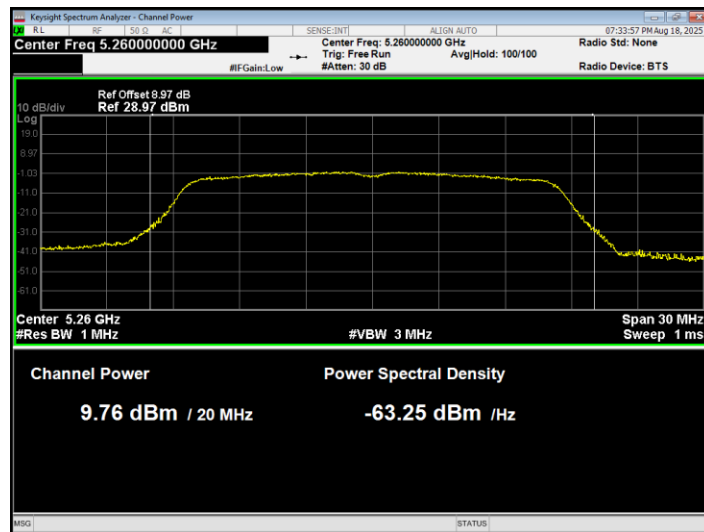


Maximum Conducted Output Power

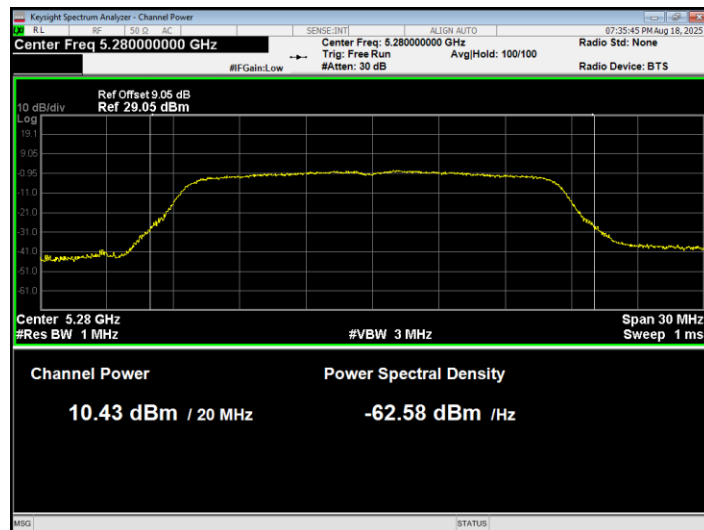
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant2	9.759	0.87	10.629	23.87	Pass
NVNT	a	5280	Ant2	10.434	0.87	11.304	23.87	Pass
NVNT	a	5320	Ant2	11.268	0.87	12.138	23.87	Pass
NVNT	n20	5260	Ant2	10.531	0.13	10.661	23.98	Pass
NVNT	n20	5280	Ant2	11.191	0.13	11.321	23.98	Pass
NVNT	n20	5320	Ant2	11.672	0.16	11.832	23.98	Pass
NVNT	n40	5270	Ant2	10.031	0.26	10.291	23.98	Pass
NVNT	n40	5310	Ant2	10.92	0.32	11.24	23.98	Pass

Condition	Mode	Frequency (MHz)	Total Power (dBm)		ANT1&ANT2 MIMO Maximum Conducted Output Power(dBm)	Limit (dBm)
			ANT1	ANT2		
NVNT	n20	5260	10.783	10.661	13.73	23.98
NVNT	n20	5280	11.515	11.321	14.43	23.98
NVNT	n20	5320	11.822	11.832	14.84	23.98
NVNT	n40	5270	10.437	10.291	13.37	23.98
NVNT	n40	5310	11.186	11.24	14.22	23.98

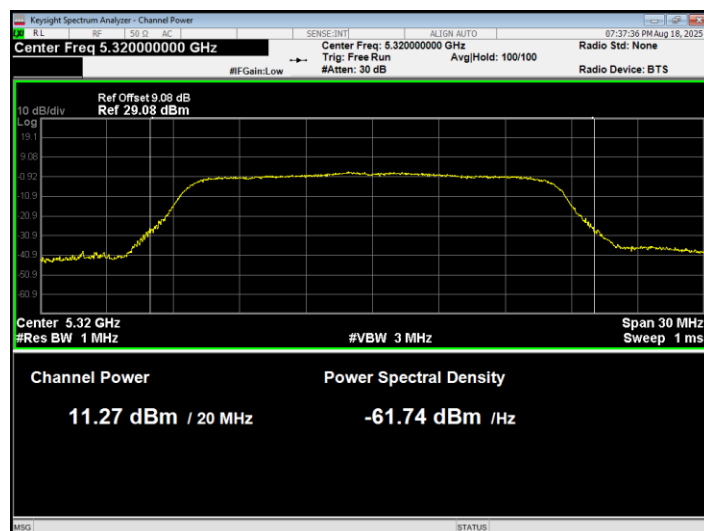
Power NVNT a 5260MHz Ant2



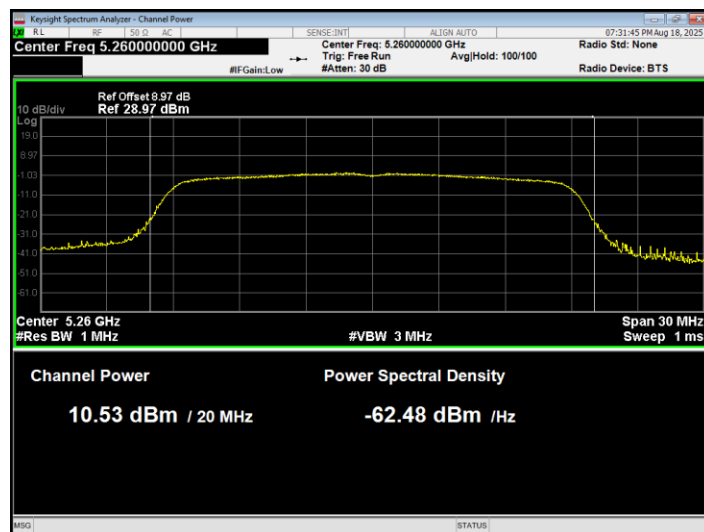
Power NVNT a 5280MHz Ant2



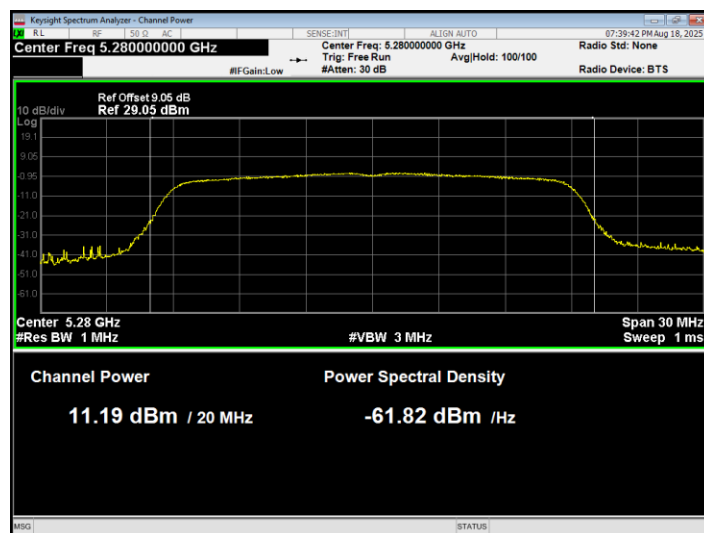
Power NVNT a 5320MHz Ant2



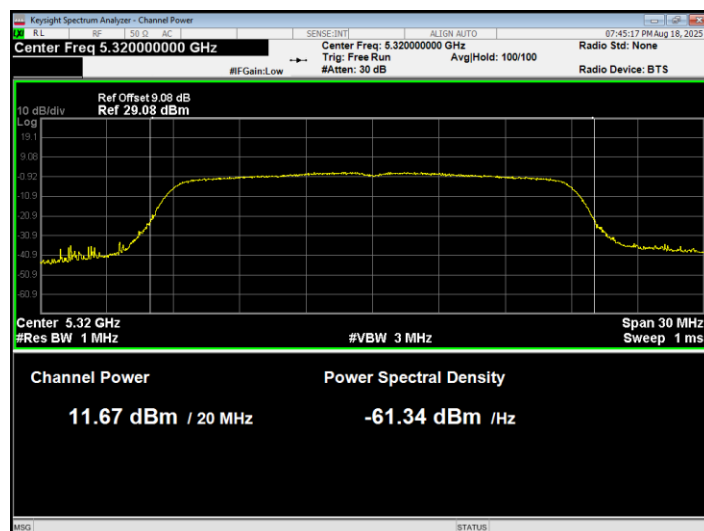
Power NVNT n20 5260MHz Ant2



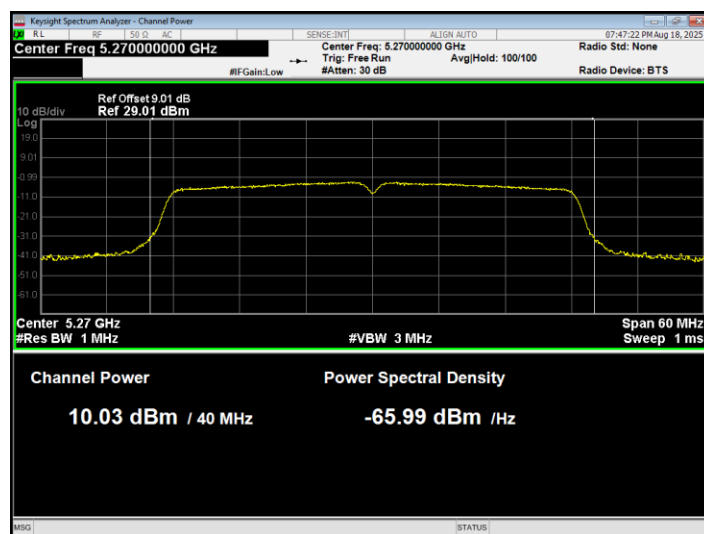
Power NVNT n20 5280MHz Ant2



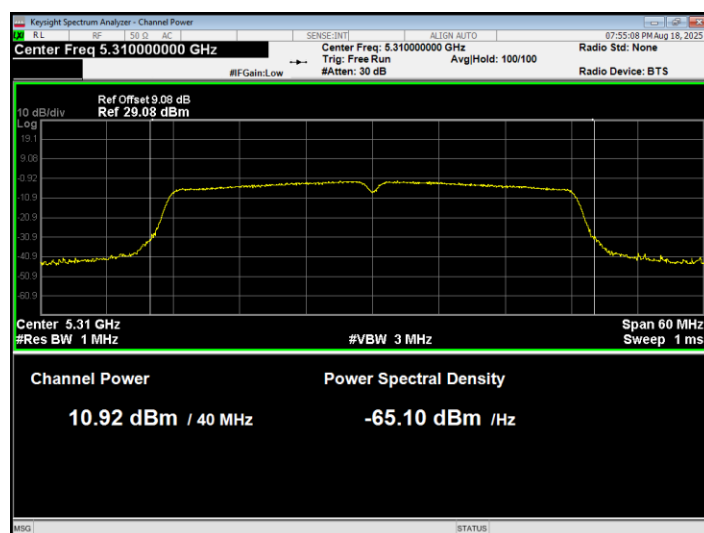
Power NVNT n20 5320MHz Ant2



Power NVNT n40 5270MHz Ant2



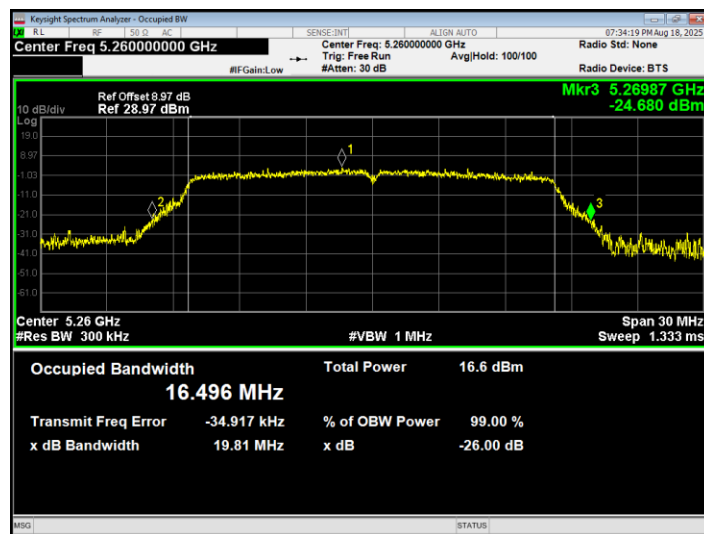
Power NVNT n40 5310MHz Ant2



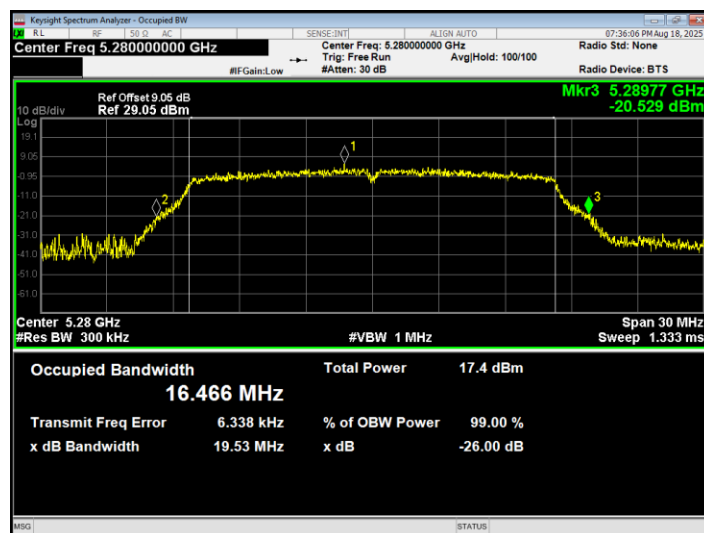
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant2	19.81	0.5	Pass
NVNT	a	5280	Ant2	19.526	0.5	Pass
NVNT	a	5320	Ant2	19.373	0.5	Pass
NVNT	n20	5260	Ant2	21.521	0.5	Pass
NVNT	n20	5280	Ant2	20.24	0.5	Pass
NVNT	n20	5320	Ant2	20.325	0.5	Pass
NVNT	n40	5270	Ant2	40.645	0.5	Pass
NVNT	n40	5310	Ant2	40.28	0.5	Pass

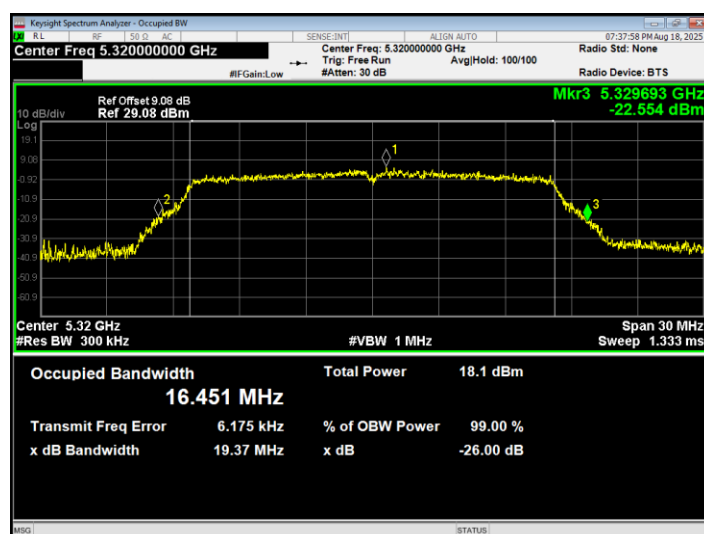
-26dB Bandwidth NVNT a 5260MHz Ant2



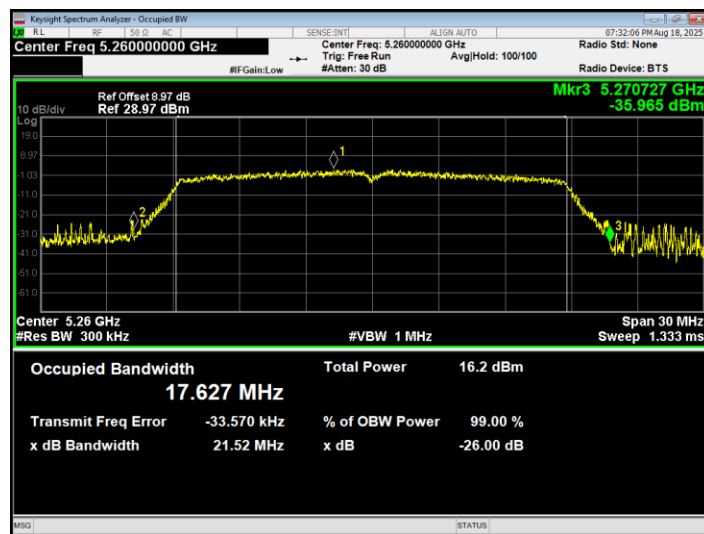
-26dB Bandwidth NVNT a 5280MHz Ant2



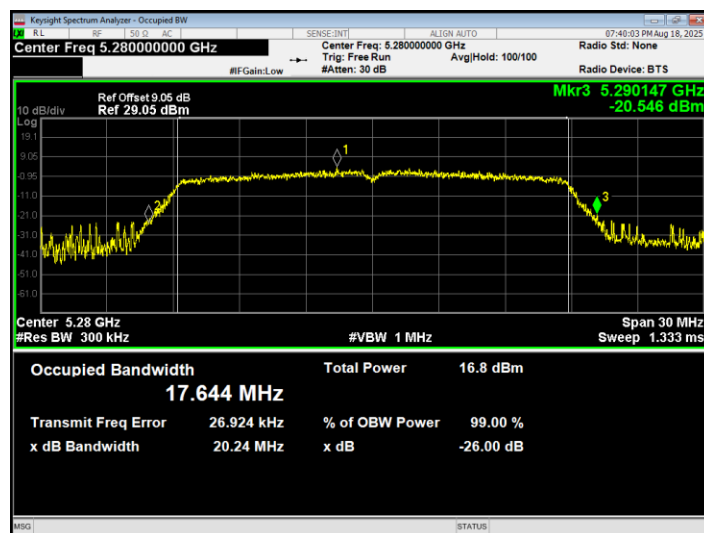
-26dB Bandwidth NVNT a 5320MHz Ant2



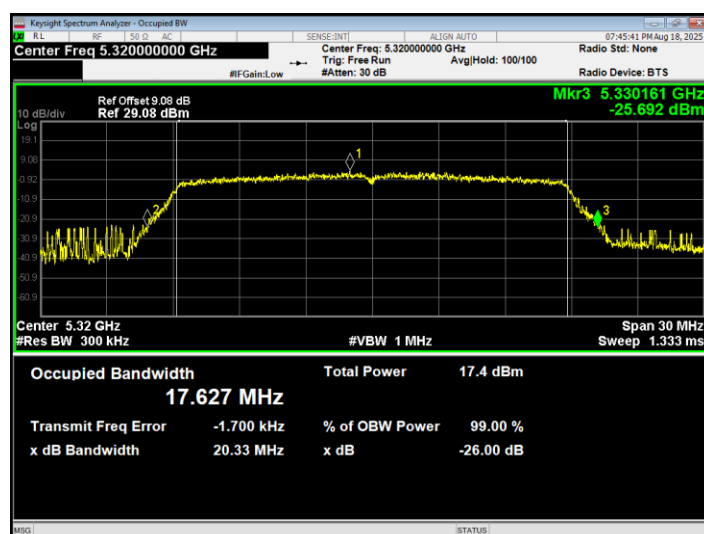
-26dB Bandwidth NVNT n20 5260MHz Ant2



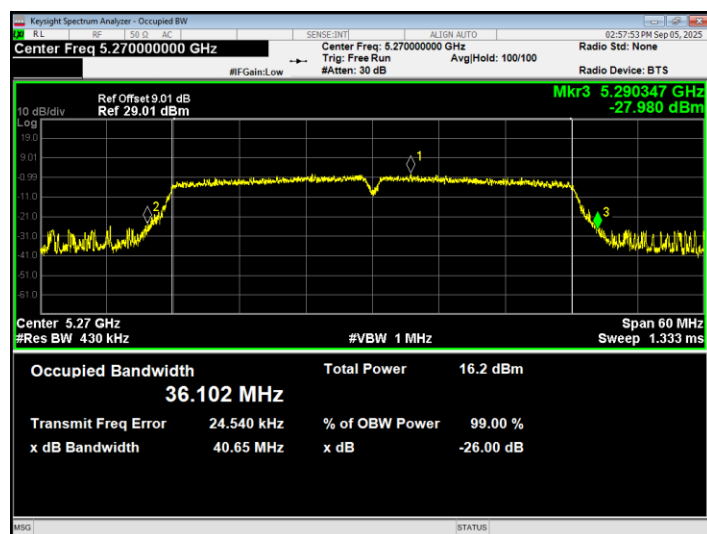
-26dB Bandwidth NVNT n20 5280MHz Ant2



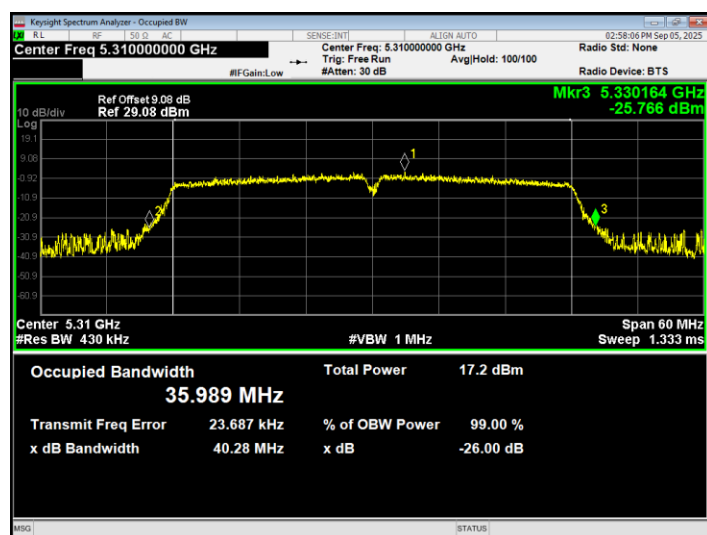
-26dB Bandwidth NVNT n20 5320MHz Ant2



-26dB Bandwidth NVNT n40 5270MHz Ant2



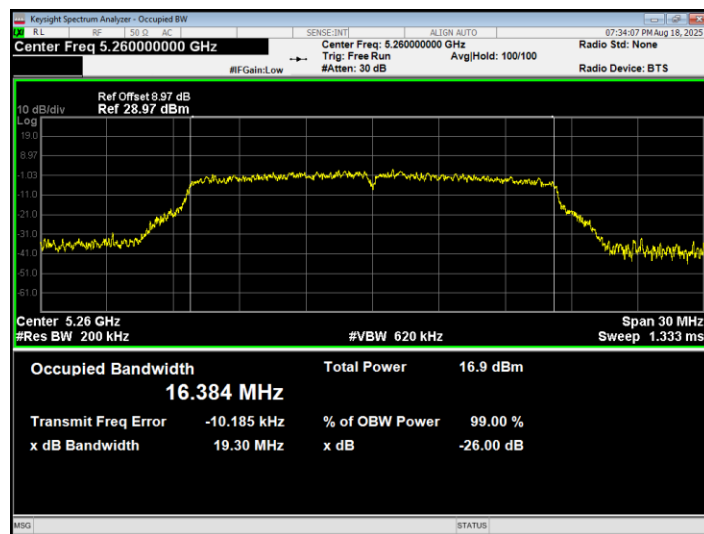
-26dB Bandwidth NVNT n40 5310MHz Ant2



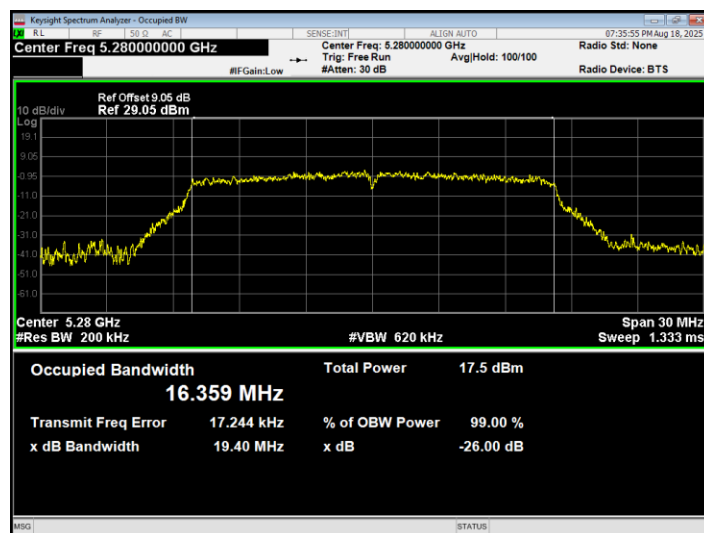
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant2	16.3842175
NVNT	a	5280	Ant2	16.3588144
NVNT	a	5320	Ant2	16.35799808
NVNT	n20	5260	Ant2	17.56131795
NVNT	n20	5280	Ant2	17.55688978
NVNT	n20	5320	Ant2	17.54334755
NVNT	n40	5270	Ant2	36.07476711
NVNT	n40	5310	Ant2	35.97252724

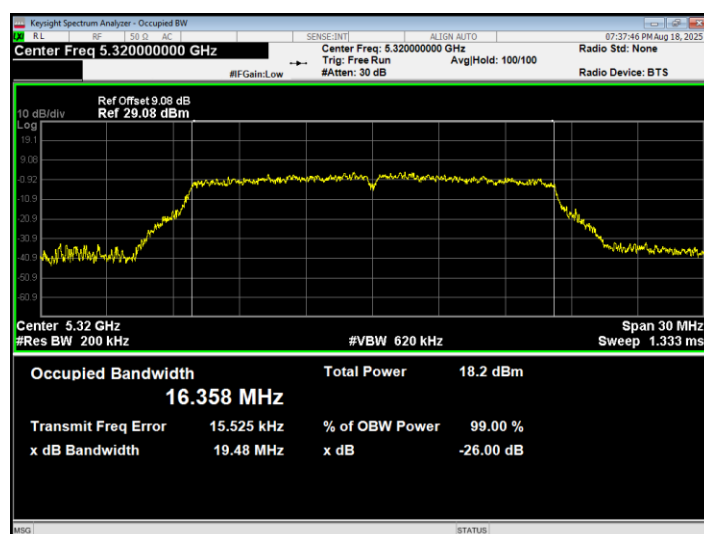
OBW NVNT a 5260MHz Ant2



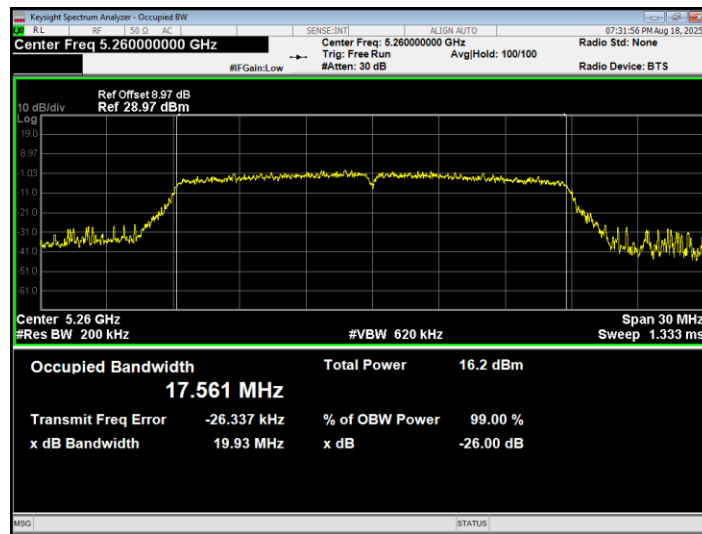
OBW NVNT a 5280MHz Ant2



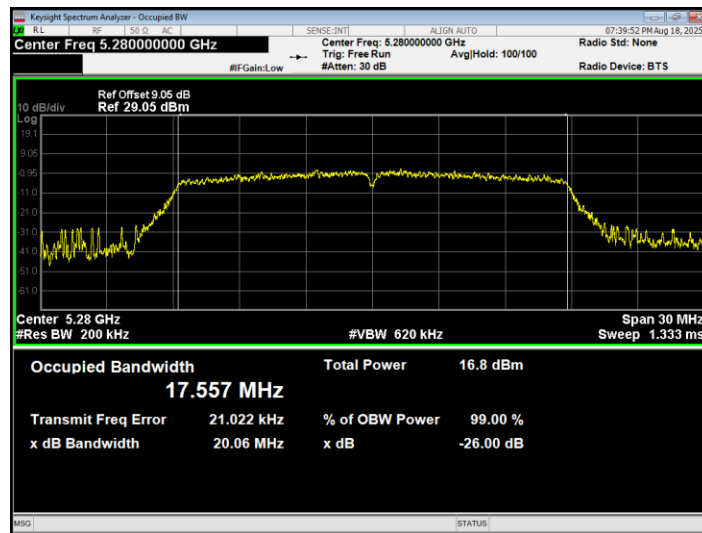
OBW NVNT a 5320MHz Ant2



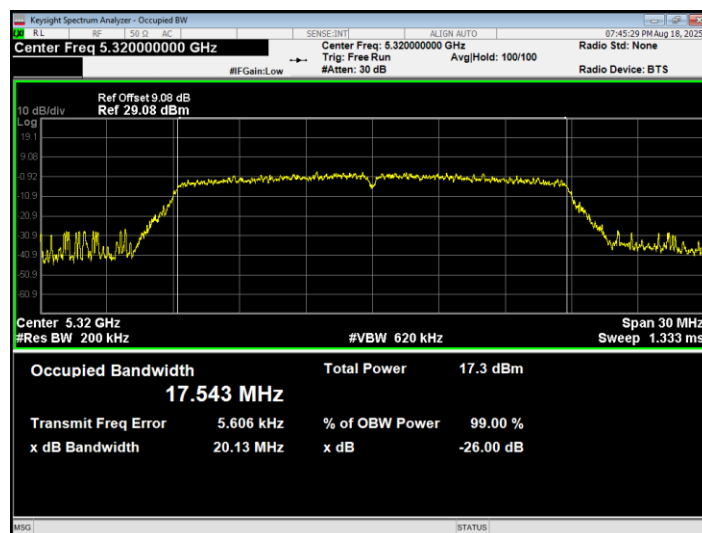
OBW NVNT n20 5260MHz Ant2



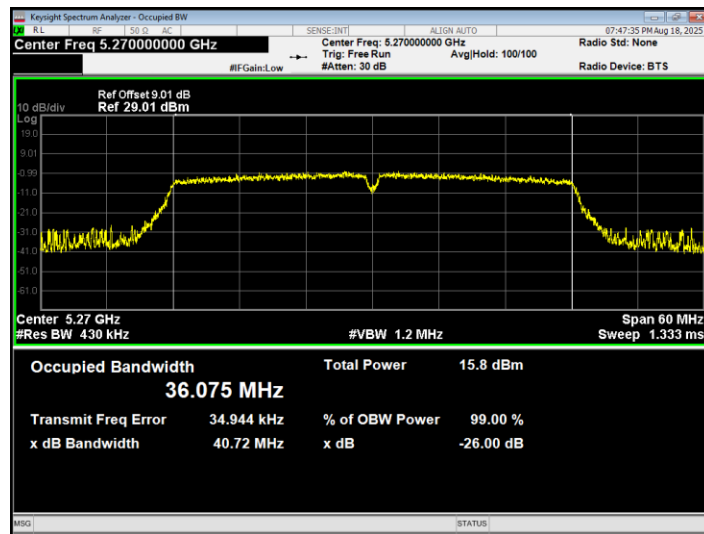
OBW NVNT n20 5280MHz Ant2



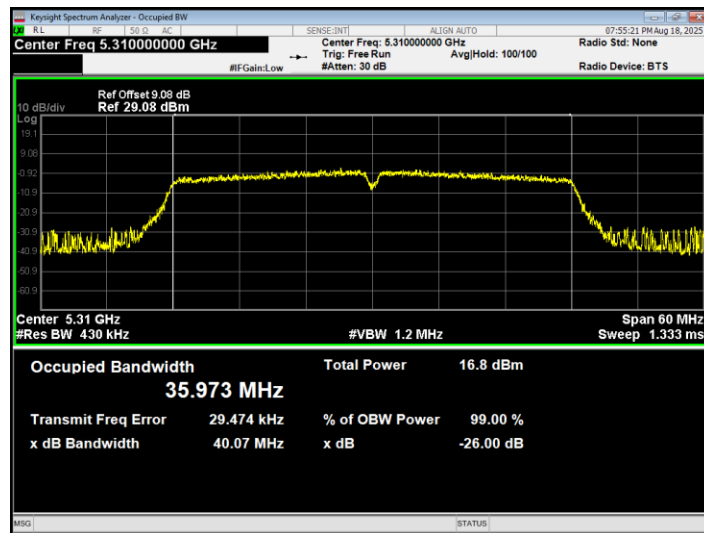
OBW NVNT n20 5320MHz Ant2



OBW NVNT n40 5270MHz Ant2



OBW NVNT n40 5310MHz Ant2

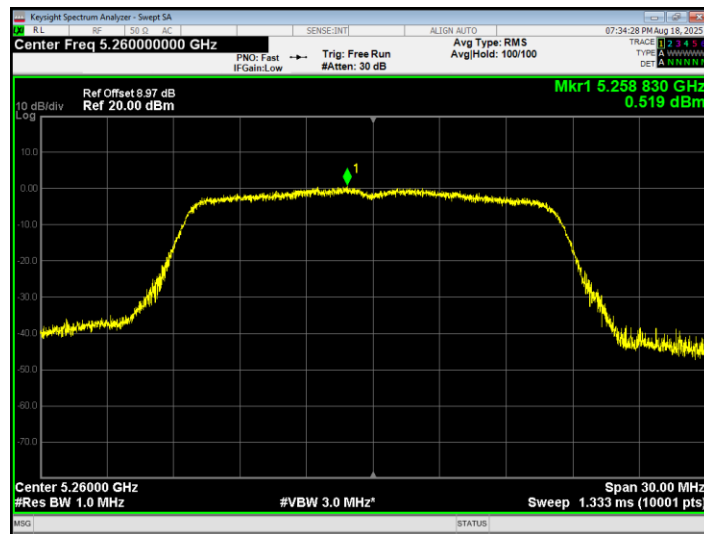


Maximum Power Spectral Density Level

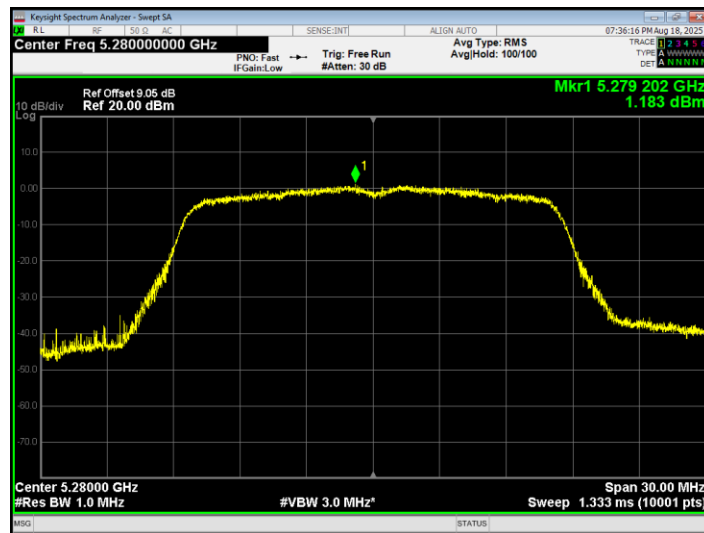
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant2	0.519	0.87	1.389	11	Pass
NVNT	a	5280	Ant2	1.183	0.87	2.053	11	Pass
NVNT	a	5320	Ant2	1.935	0.87	2.805	11	Pass
NVNT	n20	5260	Ant2	0.565	0.13	0.695	11	Pass
NVNT	n20	5280	Ant2	1.28	0.13	1.41	11	Pass
NVNT	n20	5320	Ant2	1.683	0.16	1.843	11	Pass
NVNT	n40	5270	Ant2	-3.052	0.26	-2.792	11	Pass
NVNT	n40	5310	Ant2	-2.044	0.32	-1.724	11	Pass

Condition	Mode	Frequency (MHz)	Power Spectral Density (dBm)		ANT1&ANT2 MIMO Power Spectral Density (dBm)	Limit (dBm)
			ANT1	ANT2		
NVNT	n20	5180	0.855	0.695	3.79	11
NVNT	n20	5220	1.892	1.41	4.67	11
NVNT	n20	5240	2.194	1.843	5.03	11
NVNT	n40	5190	-2.532	-2.792	0.35	11
NVNT	n40	5230	-1.402	-1.724	1.45	11

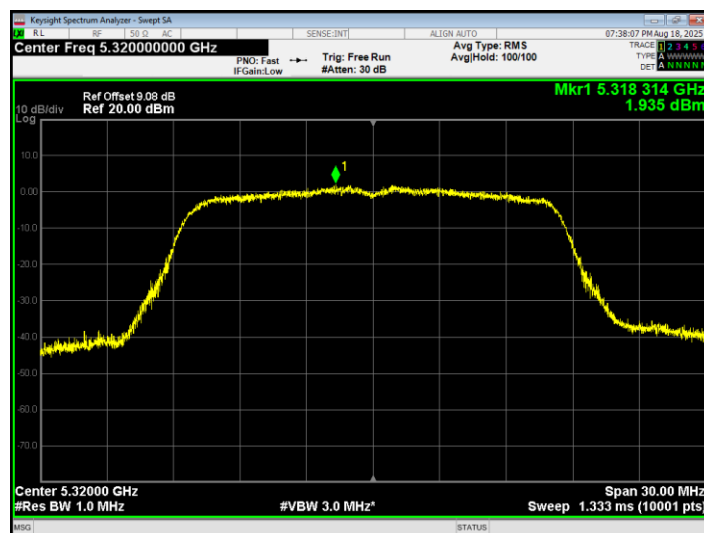
PSD NVNT a 5260MHz Ant2



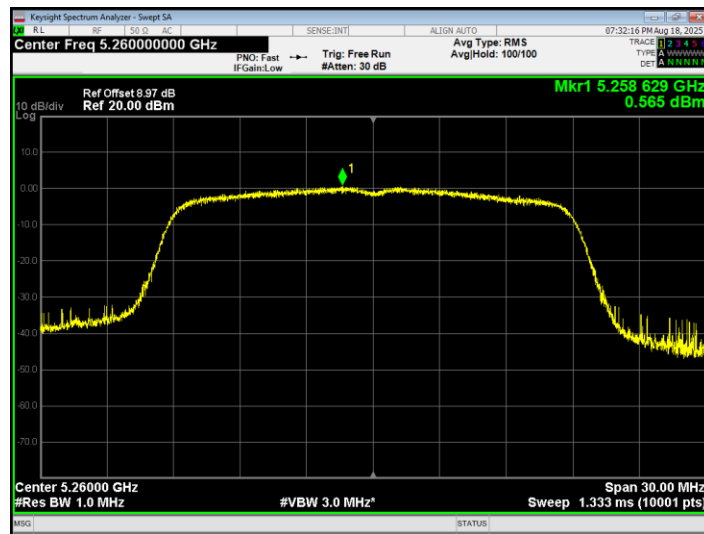
PSD NVNT a 5280MHz Ant2



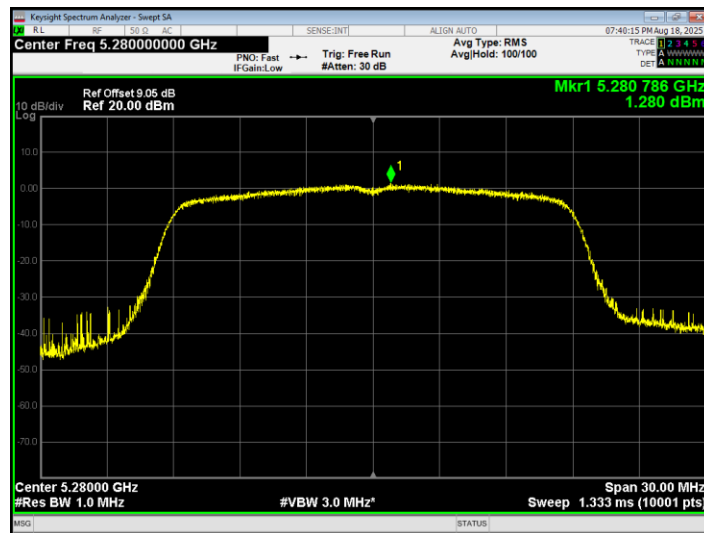
PSD NVNT a 5320MHz Ant2



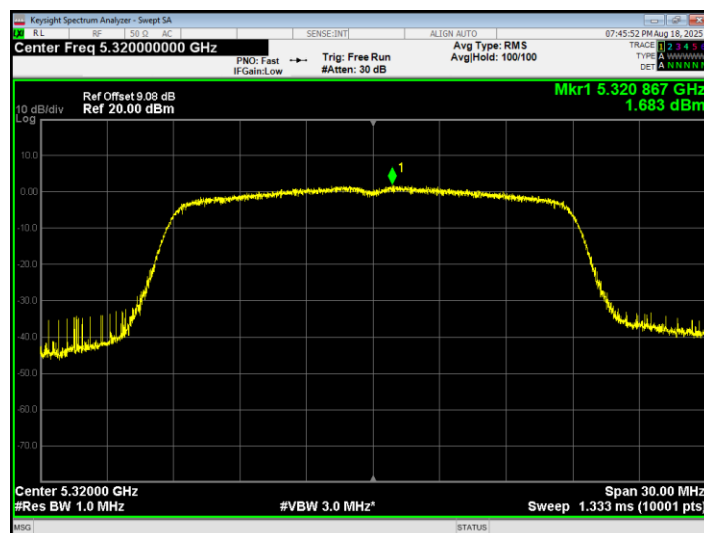
PSD NVNT n20 5260MHz Ant2



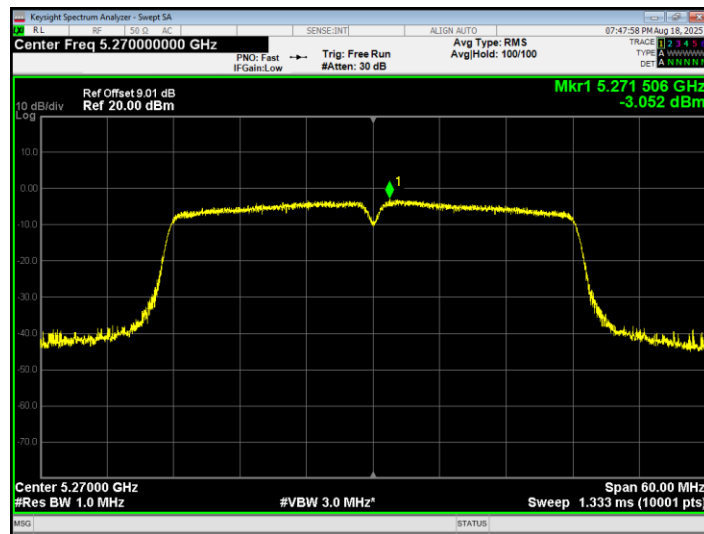
PSD NVNT n20 5280MHz Ant2



PSD NVNT n20 5320MHz Ant2



PSD NVNT n40 5270MHz Ant2



PSD NVNT n40 5310MHz Ant2

