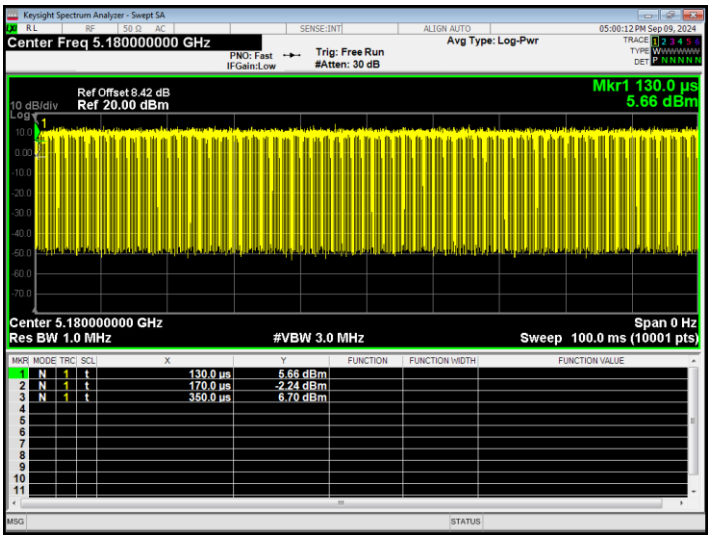
ANNEX 2
FCC Part 15C Test Report
FCC ID: 2BLBN-JH2001

Applicant:	DONGGUAN JIEHONG INTELLIGEN TECHNOLOGY CO.,LTD.
Address:	*3*-4F, No.8, Jinsheng Road, Jinxia Village, Chang'an Town, Dongguan City, Guangdong Province, China
Manufacturer:	DONGGUAN JIEHONG INTELLIGEN TECHNOLOGY CO.,LTD.
Address:	3-4F, No.8, Jinsheng Road, Jinxia Village, Chang'an Town, Dongguan City, Guangdong Province, China
EUT:	Intelligent interactive integrated machine
Trade Mark:	N/A
Model Number:	JH2001, JH2002, JH2201, JH2202, JH2203, JH2308, JH2401, JH2701, JH2702, JH3201, JH3202
Date of Receipt:	Aug. 22, 2023
Test Date:	Aug. 22, 2024 - Sep. 10, 2024
Date of Report:	Sep. 10, 2024
Prepared By:	Shenzhen DL Testing Technology Co., Ltd.
Address:	101-201, Building C, Shuanghuan, No.8, Baoqing Road, Baolong Industrial Zone, Baolong Street, Longgang District, Shenzhen, Guangdong, China
Applicable Standards:	FCC PART 15 C 15.247 ANSI C63.10:2013
Test Result:	Pass

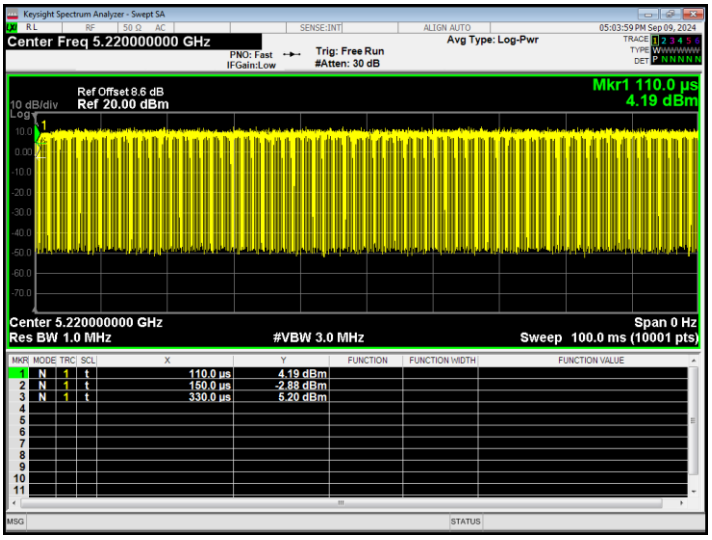
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	81.82	0.87
NVNT	a	5220	Ant1	81.82	0.87
NVNT	a	5240	Ant1	81.82	0.87
NVNT	n20	5180	Ant1	96.3	0.16
NVNT	n20	5220	Ant1	97.04	0.13
NVNT	n20	5240	Ant1	97.01	0.13
NVNT	n40	5190	Ant1	94.29	0.26
NVNT	n40	5230	Ant1	94.2	0.26

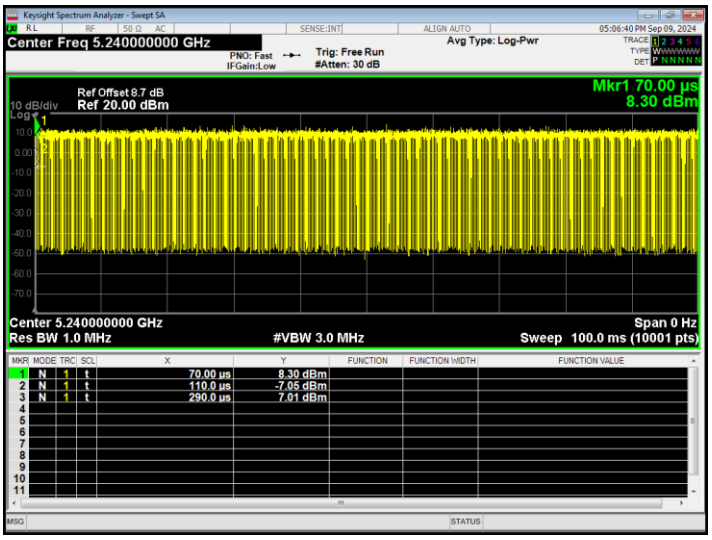
Duty Cycle NVNT a 5180MHz Ant1



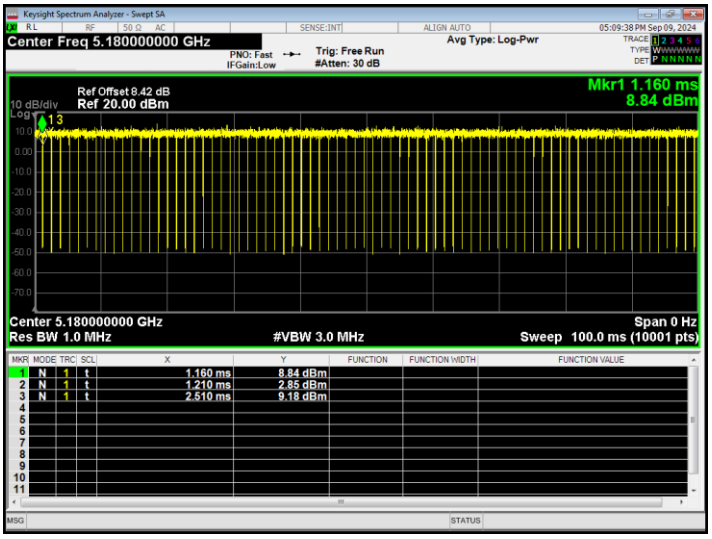
Duty Cycle NVNT a 5220MHz Ant1



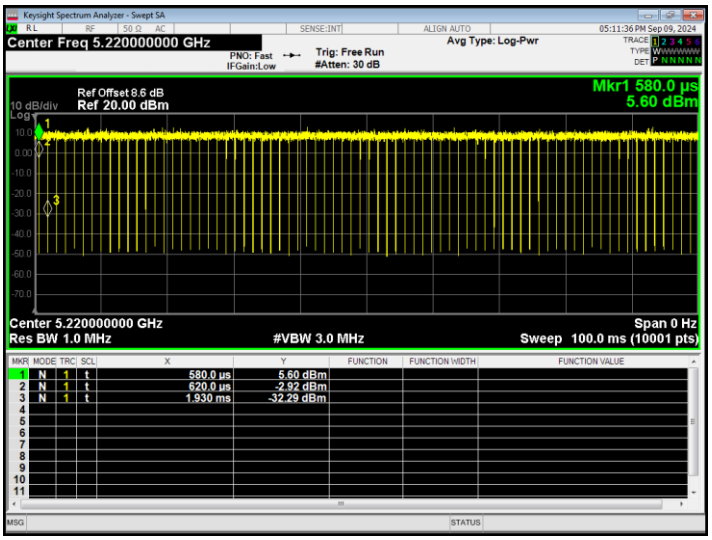
Duty Cycle NVNT a 5240MHz Ant1



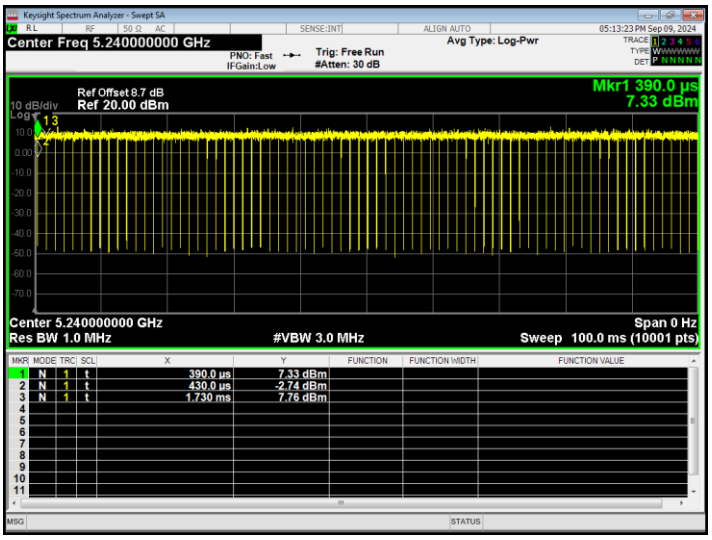
Duty Cycle NVNT n20 5180MHz Ant1



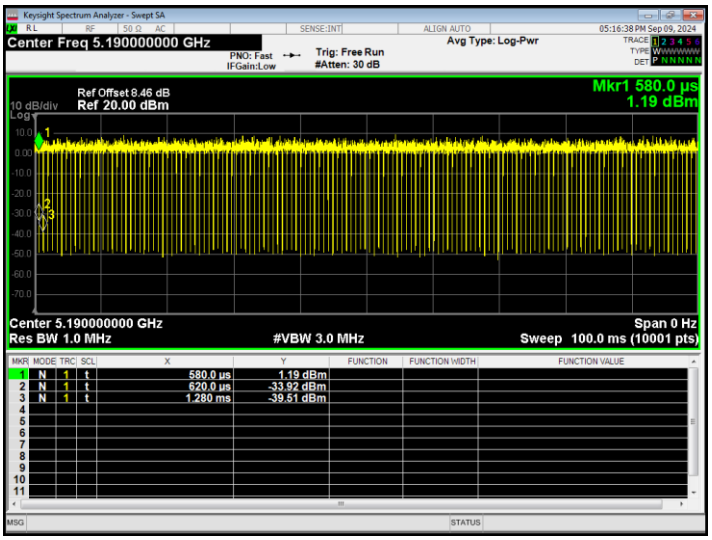
Duty Cycle NVNT n20 5220MHz Ant1



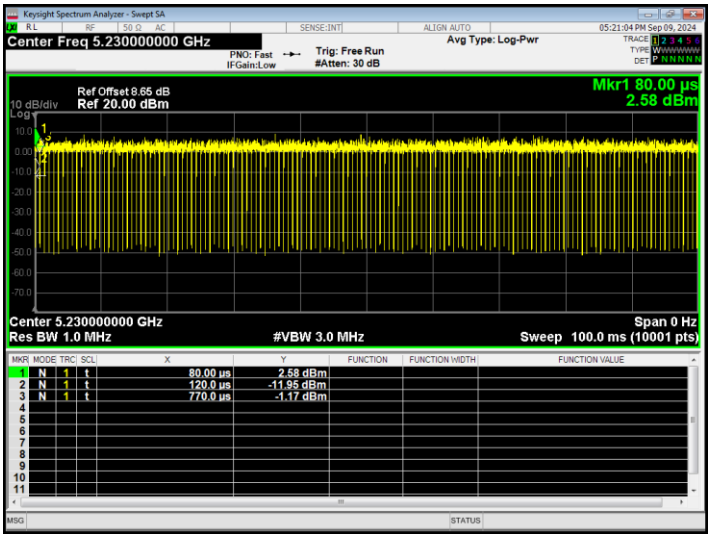
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



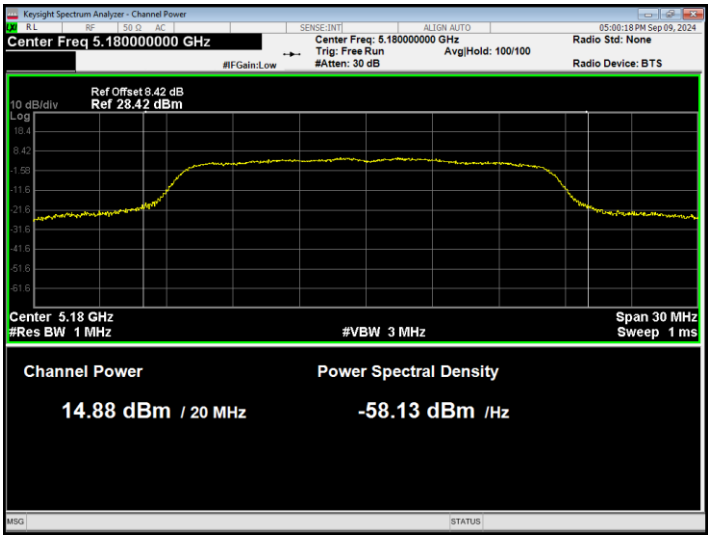
Duty Cycle NVNT n40 5230MHz Ant1



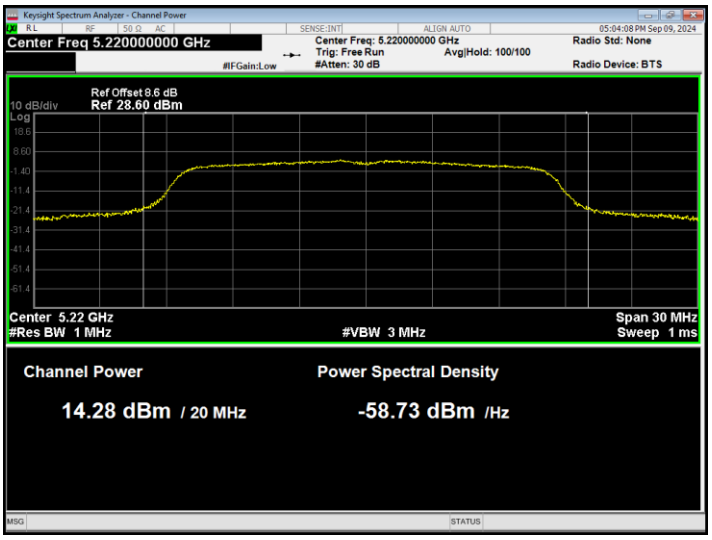
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	14.877	0.87	15.747	24	Pass
NVNT	a	5220	Ant1	14.283	0.87	15.153	24	Pass
NVNT	a	5240	Ant1	14.409	0.87	15.279	24	Pass
NVNT	n20	5180	Ant1	15.515	0.16	15.675	24	Pass
NVNT	n20	5220	Ant1	14.97	0.13	15.1	24	Pass
NVNT	n20	5240	Ant1	15.021	0.13	15.151	24	Pass
NVNT	n40	5190	Ant1	15.493	0.26	15.753	24	Pass
NVNT	n40	5230	Ant1	15.081	0.26	15.341	24	Pass

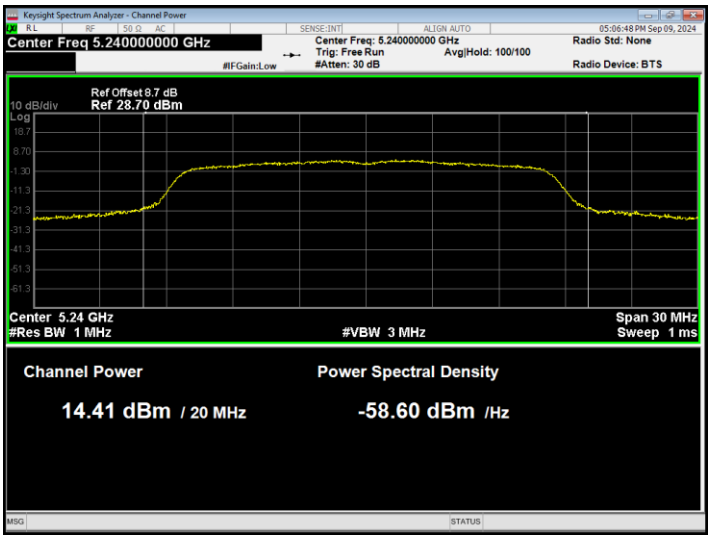
Power NVNT a 5180MHz Ant1



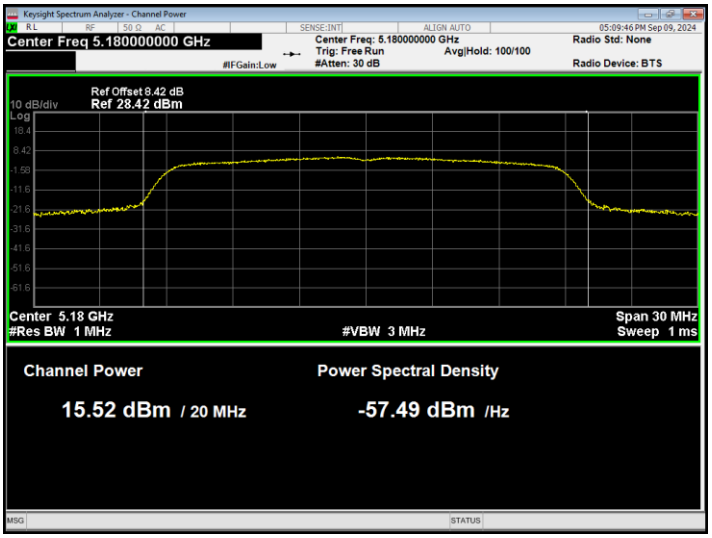
Power NVNT a 5220MHz Ant1



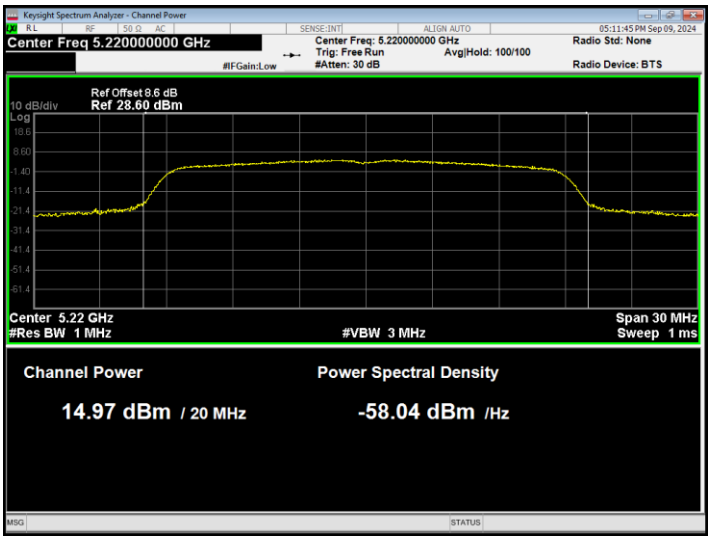
Power NVNT a 5240MHz Ant1



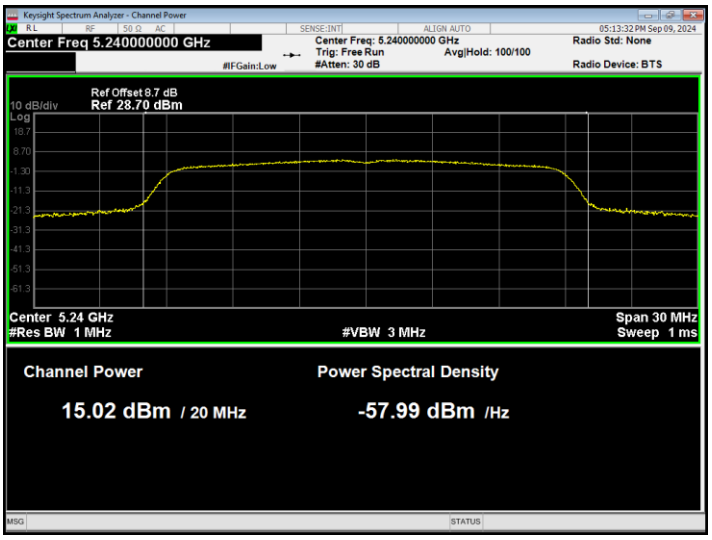
Power NVNT n20 5180MHz Ant1



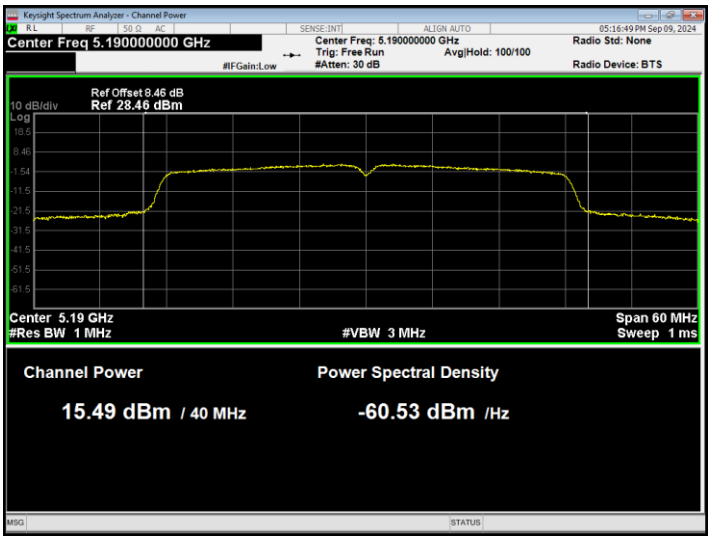
Power NVNT n20 5220MHz Ant1



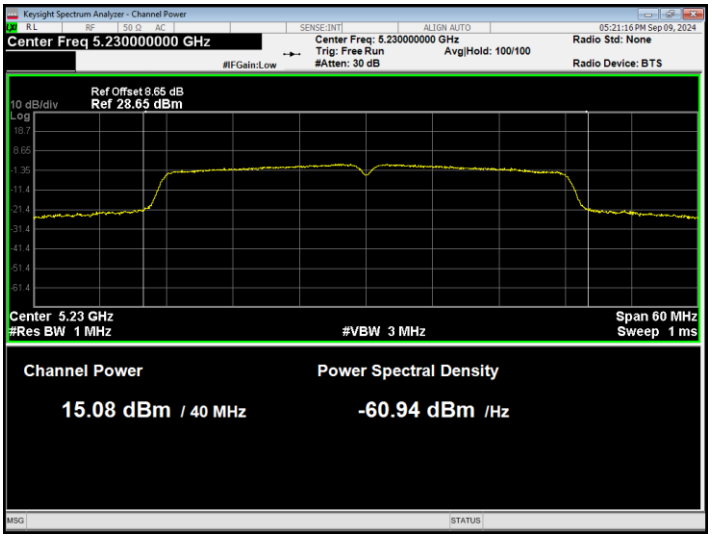
Power NVNT n20 5240MHz Ant1



Power NVNT n40 5190MHz Ant1



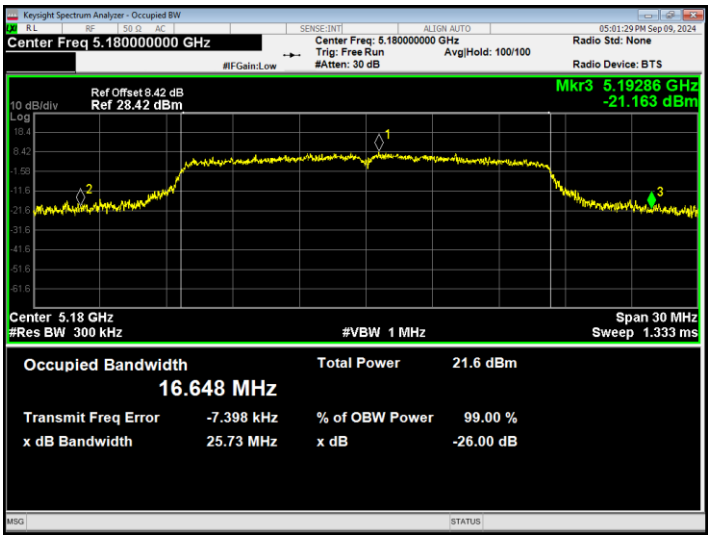
Power NVNT n40 5230MHz Ant1



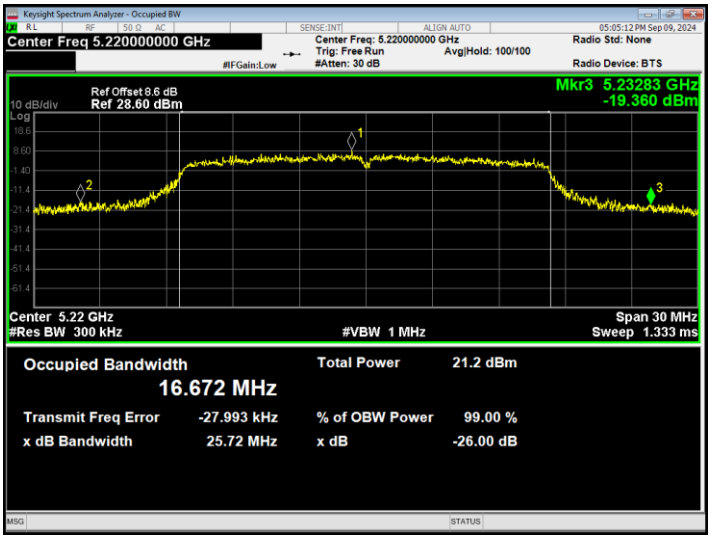
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	25.734	0.5	Pass
NVNT	a	5220	Ant1	25.716	0.5	Pass
NVNT	a	5240	Ant1	27.794	0.5	Pass
NVNT	n20	5180	Ant1	29.538	0.5	Pass
NVNT	n20	5220	Ant1	27.443	0.5	Pass
NVNT	n20	5240	Ant1	29.556	0.5	Pass
NVNT	n40	5190	Ant1	59.715	0.5	Pass
NVNT	n40	5230	Ant1	59.666	0.5	Pass

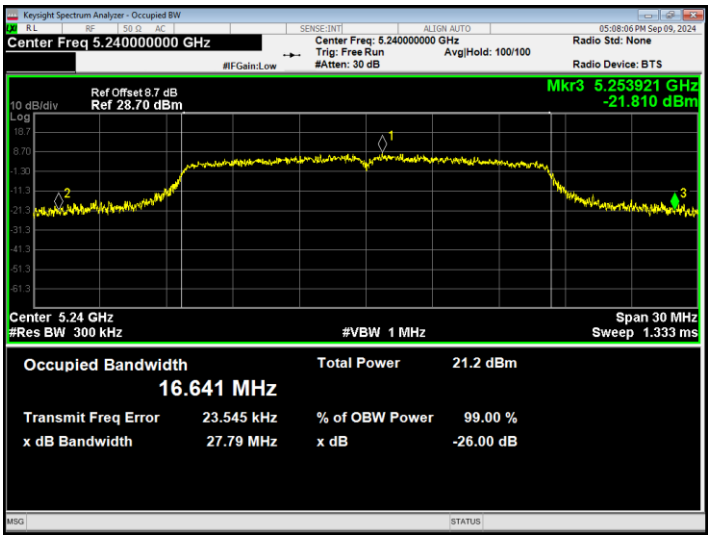
-26dB Bandwidth NVNT a 5180MHz Ant1



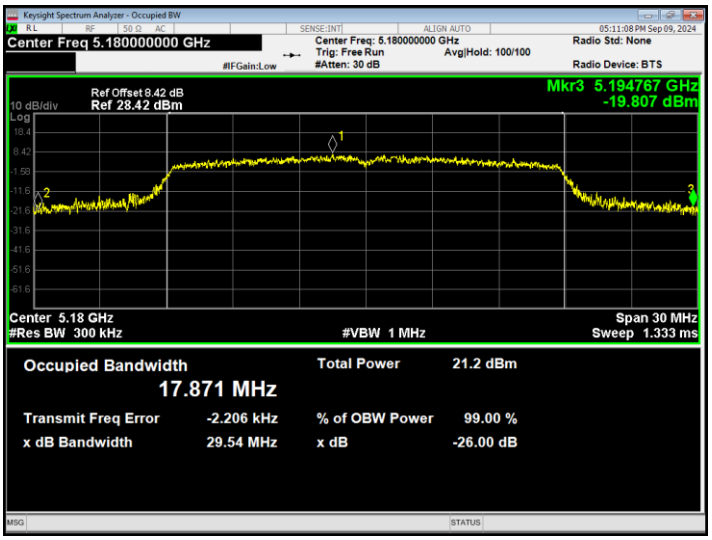
-26dB Bandwidth NVNT a 5220MHz Ant1



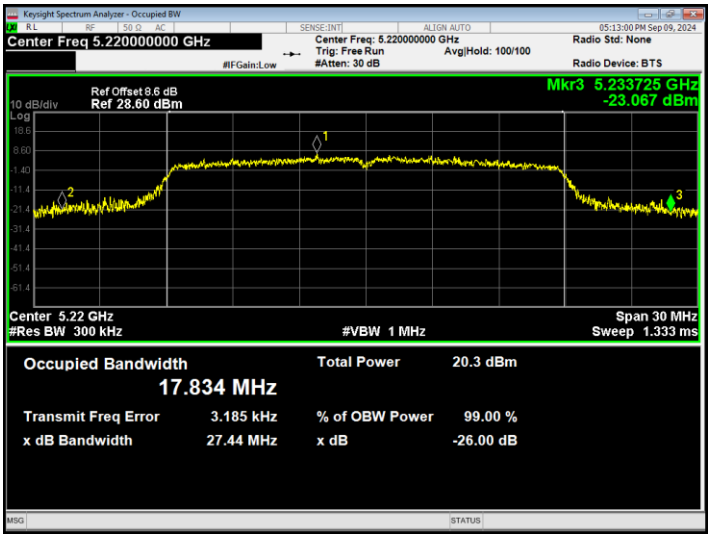
-26dB Bandwidth NVNT a 5240MHz Ant1



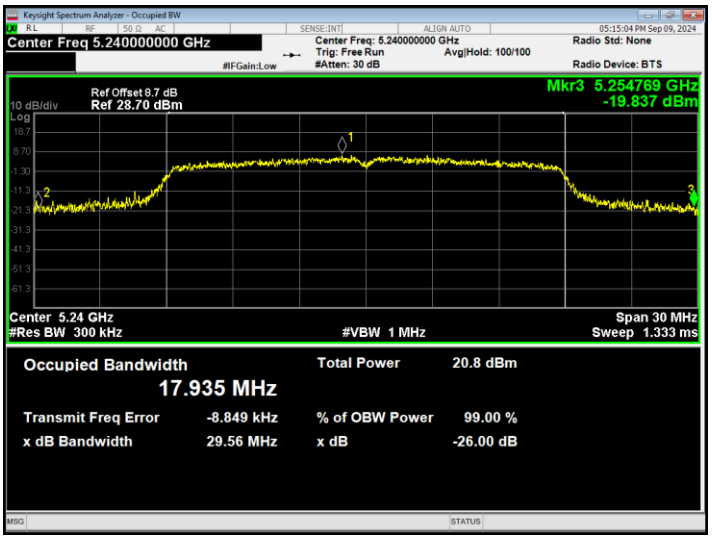
-26dB Bandwidth NVNT n20 5180MHz Ant1



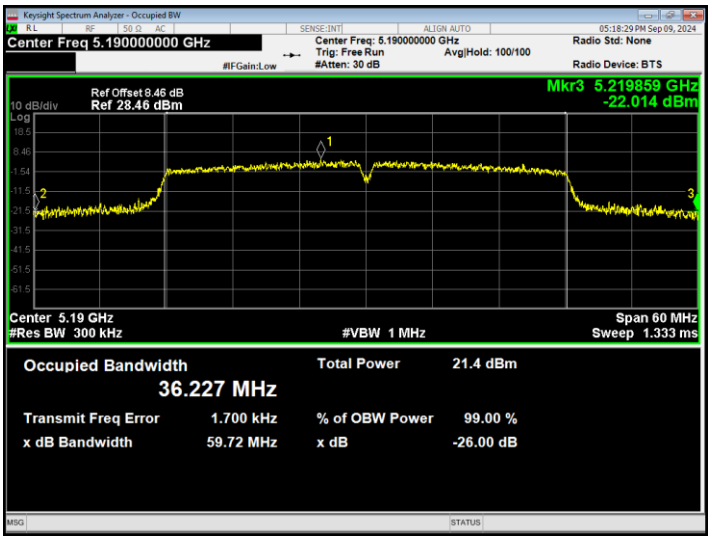
-26dB Bandwidth NVNT n20 5220MHz Ant1



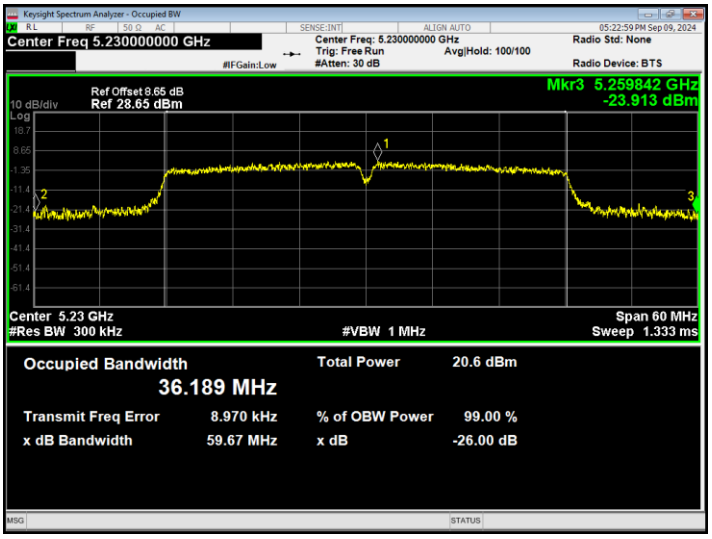
-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



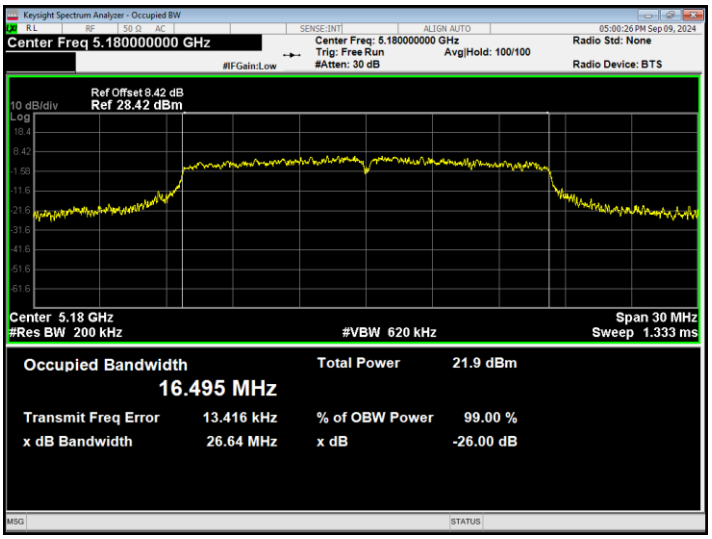
-26dB Bandwidth NVNT n40 5230MHz Ant1



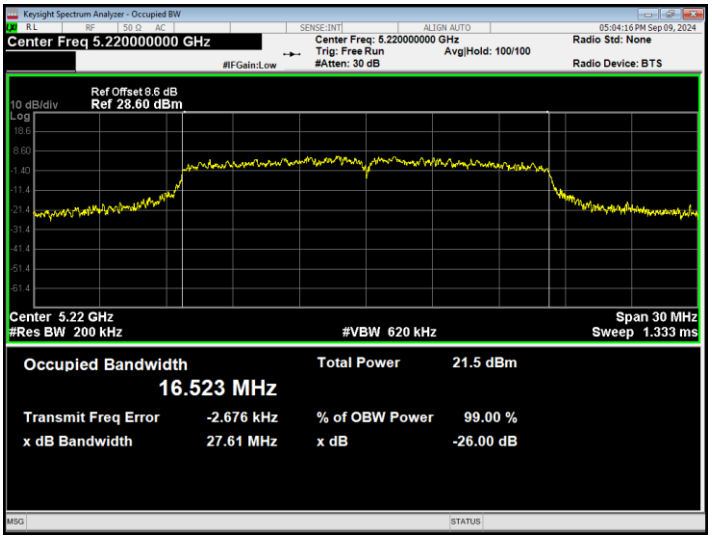
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.4953136
NVNT	a	5220	Ant1	16.52346346
NVNT	a	5240	Ant1	16.47862776
NVNT	n20	5180	Ant1	17.74168635
NVNT	n20	5220	Ant1	17.78466645
NVNT	n20	5240	Ant1	17.805398
NVNT	n40	5190	Ant1	36.32629387
NVNT	n40	5230	Ant1	36.41644647

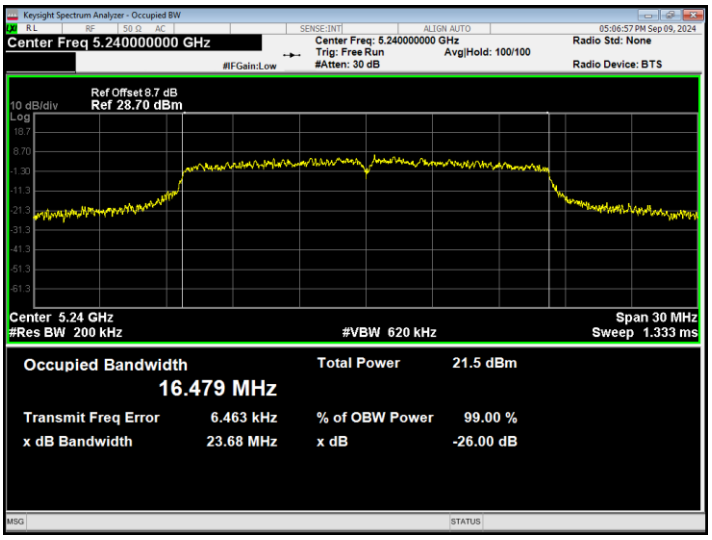
OBW NVNT a 5180MHz Ant1



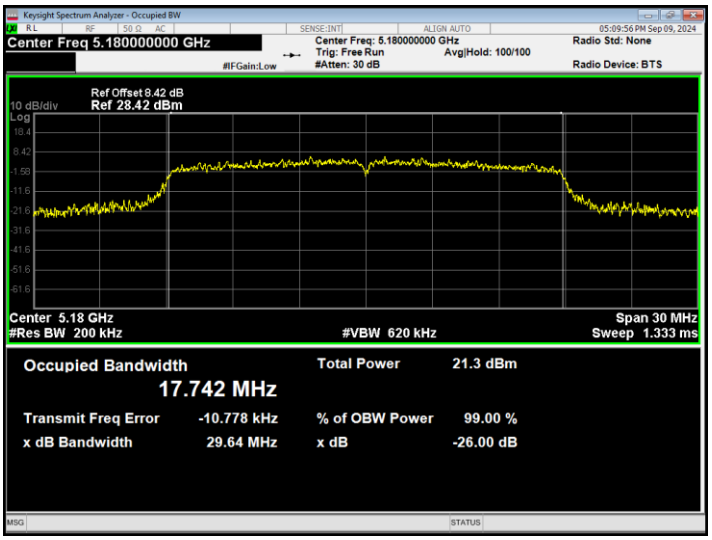
OBW NVNT a 5220MHz Ant1



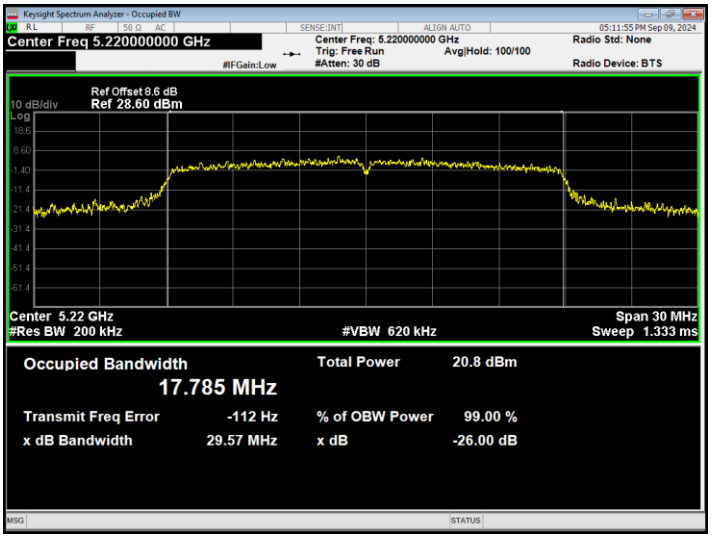
OBW NVNT a 5240MHz Ant1



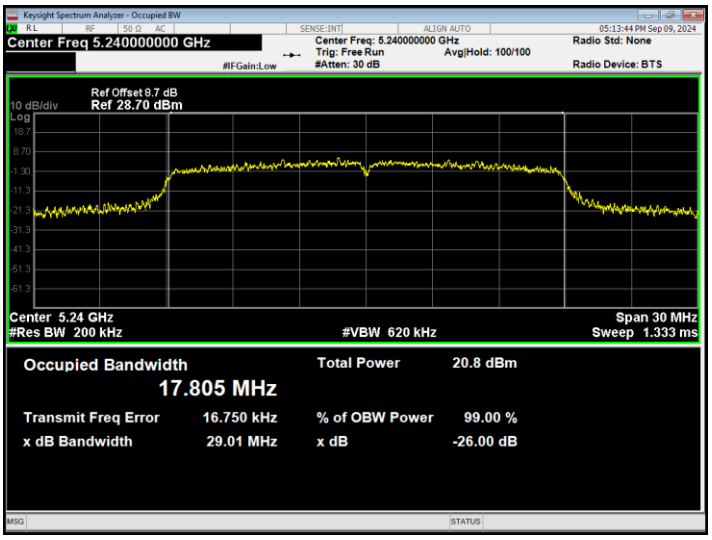
OBW NVNT n20 5180MHz Ant1



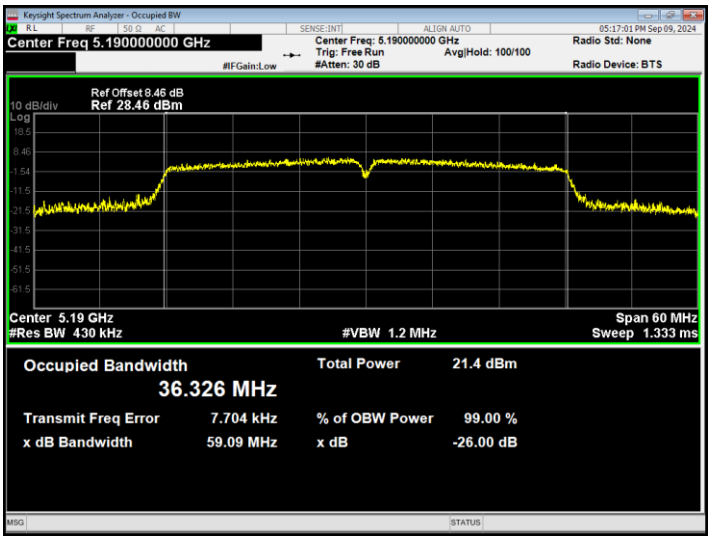
OBW NVNT n20 5220MHz Ant1



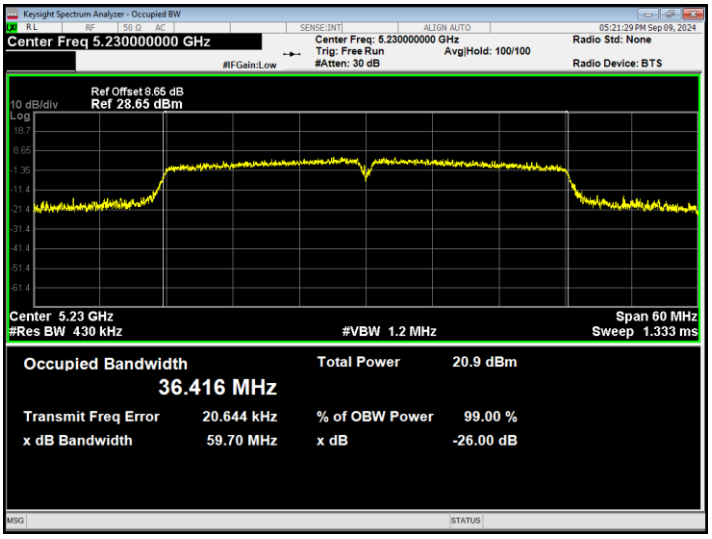
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



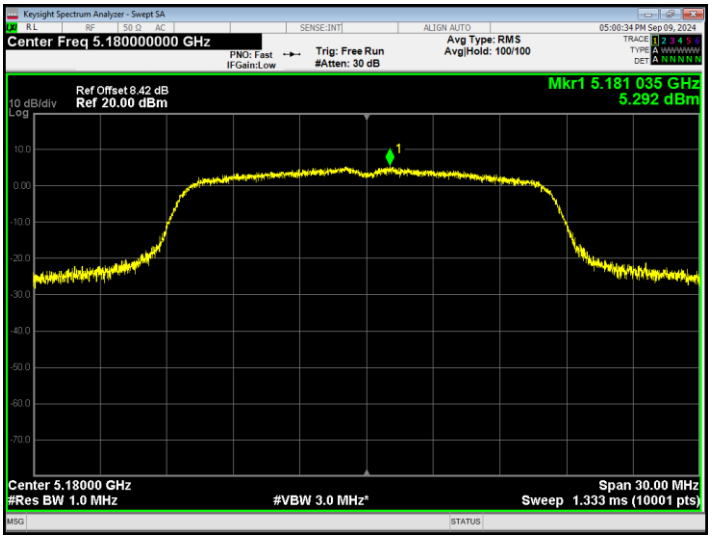
OBW NVNT n40 5230MHz Ant1



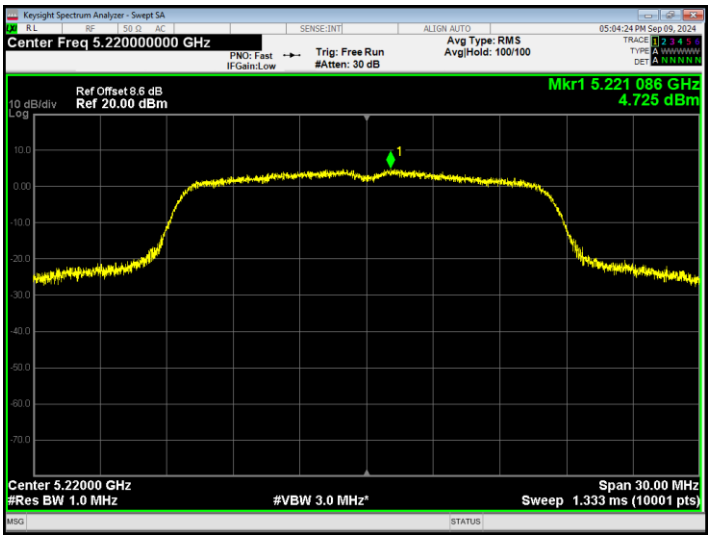
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	Ant1	5.292	0.87	6.162	11	Pass
NVNT	a	5220	Ant1	4.725	0.87	5.595	11	Pass
NVNT	a	5240	Ant1	5.222	0.87	6.092	11	Pass
NVNT	n20	5180	Ant1	5.565	0.16	5.725	11	Pass
NVNT	n20	5220	Ant1	5.231	0.13	5.361	11	Pass
NVNT	n20	5240	Ant1	5.353	0.13	5.483	11	Pass
NVNT	n40	5190	Ant1	2.592	0.26	2.852	11	Pass
NVNT	n40	5230	Ant1	1.716	0.26	1.976	11	Pass

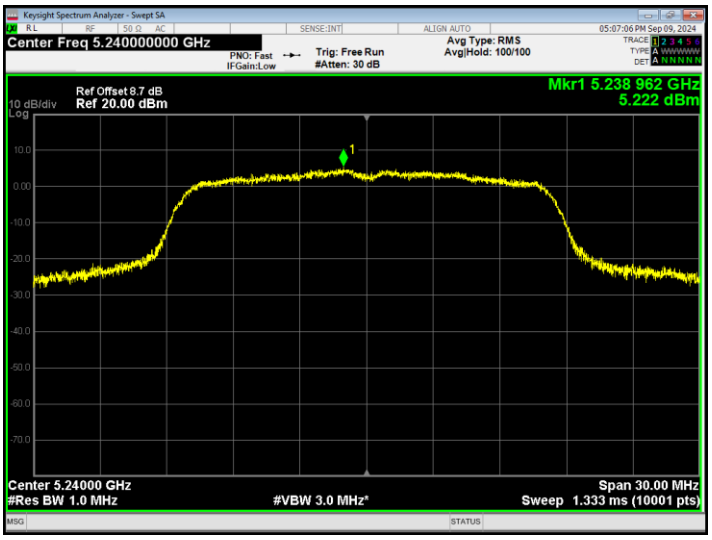
PSD NVNT a 5180MHz Ant1



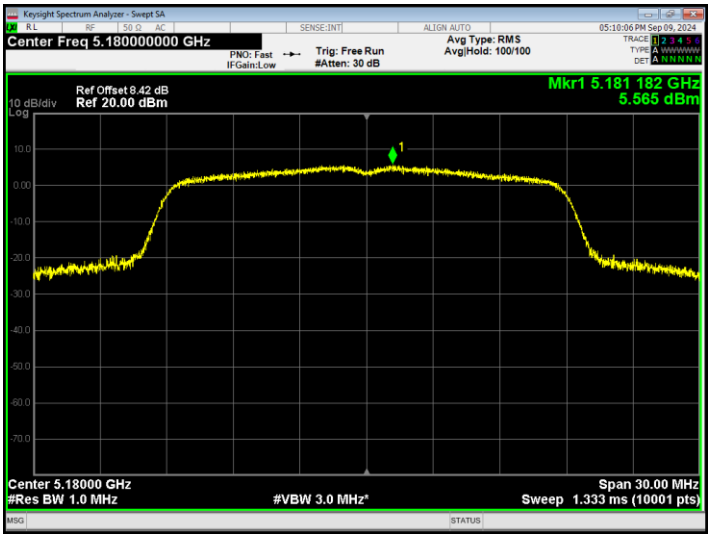
PSD NVNT a 5220MHz Ant1



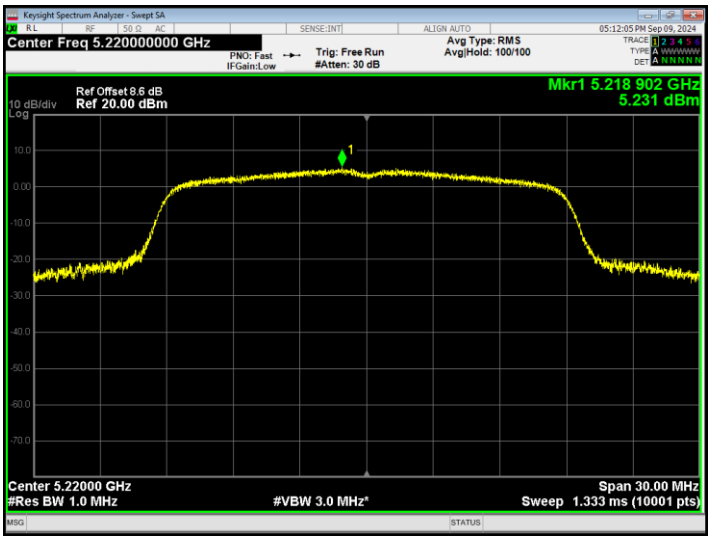
PSD NVNT a 5240MHz Ant1



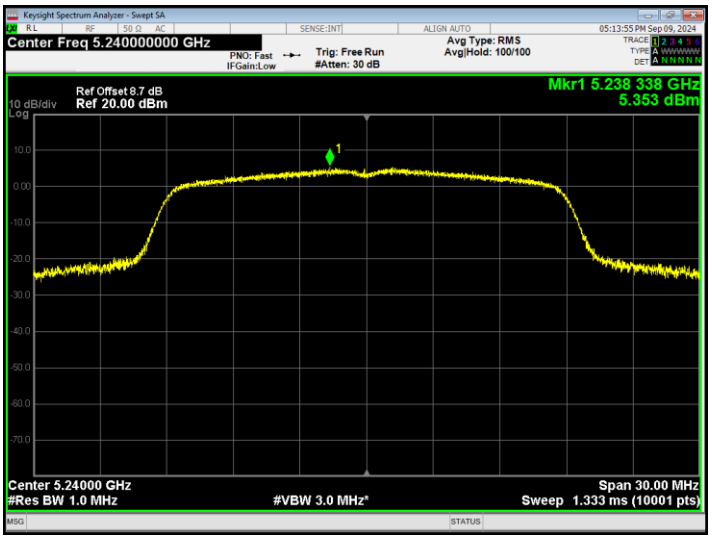
PSD NVNT n20 5180MHz Ant1



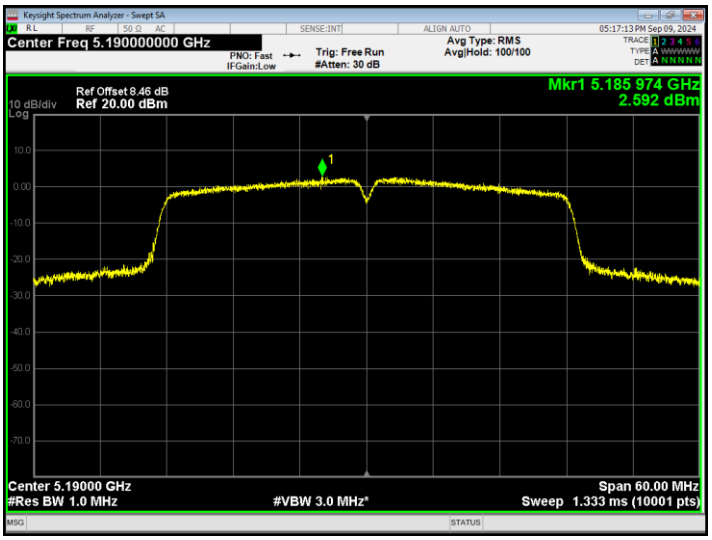
PSD NVNT n20 5220MHz Ant1



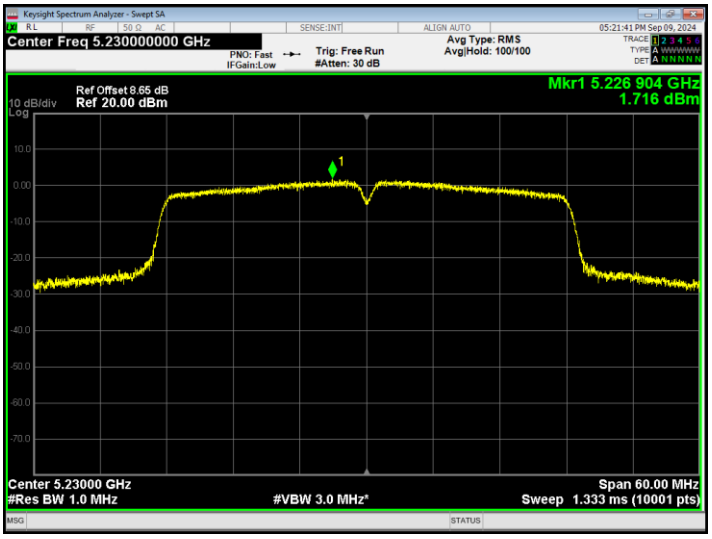
PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

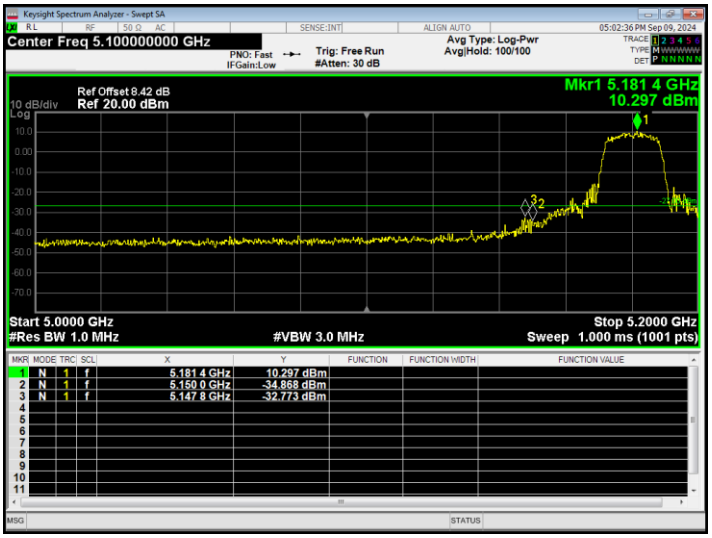


Band Edge

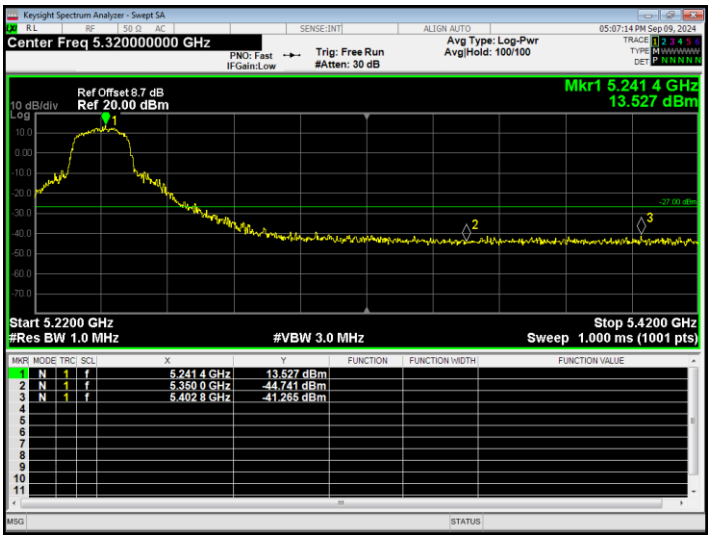
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-32.77	-27	Pass
NVNT	a	5240	Ant1	-41.26	-27	Pass
NVNT	n20	5180	Ant1	-31.91	-27	Pass
NVNT	n20	5240	Ant1	-40.93	-27	Pass
NVNT	n40	5190	Ant1	-32.69	-27	Pass
NVNT	n40	5230	Ant1	-41.5	-27	Pass

Note:Ref offset=antenna gain+cable loss

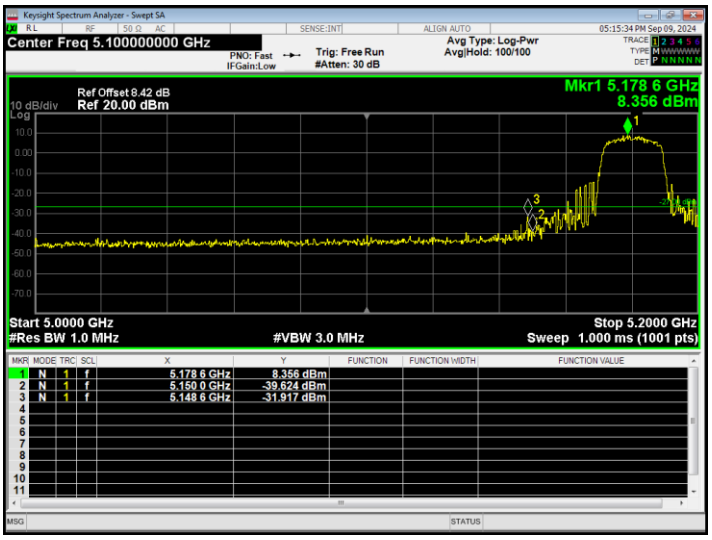
Band Edge NVNT a 5180MHz Low Ant1



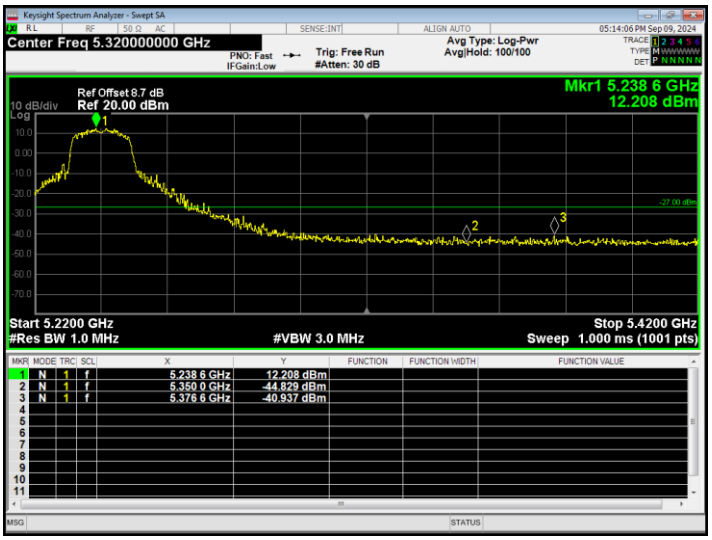
Band Edge NVNT a 5240MHz High Ant1



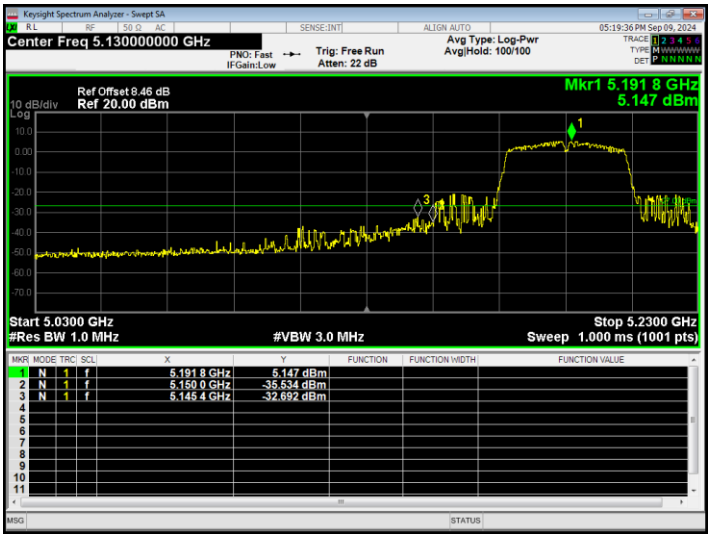
Band Edge NVNT n20 5180MHz Low Ant1



Band Edge NVNT n20 5240MHz High Ant1



Band Edge NVNT n40 5190MHz Low Ant1



Band Edge NVNT n40 5230MHz High Ant1


Keysight Spectrum Analyzer - Swept SA
Center Freq 5.290000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
05:21:53 PM Sep 09, 2024
Ref Offset 8.65 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 5.227 0 GHz
9.045 dBm
-27.00 dBm
Start 5.1900 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 5.3900 GHz
Sweep 1.000 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 5.227 0 GHz 9.045 dBm
2 N 1 f 5.350 0 GHz -43.202 dBm
3 N 1 f 5.385 2 GHz -41.502 dBm
MSG
STATUS