

FCC Test Report

ANNEX 1 2.4G WIFI

FCC ID: 2A8JR-DN39C

Applicant:	Shenzhen Weikesen Electronic Technology Co., Ltd.
Address:	1909, No. 2, Baolong Factory, Anbo Tech, No. 2, Baolong 4th Road, Longgang Dist., Shenzhen
Manufacturer:	Shenzhen Weikesen Electronic Technology Co., Ltd.
Address:	1909, No. 2, Baolong Factory, Anbo Tech, No. 2, Baolong 4th Road, Longgang Dist., Shenzhen
EUT:	notebook
Trade Mark:	N/A
Model Number:	DN39C
Date of Receipt:	Oct. 04, 2022
Test Date:	Oct. 04, 2022 – Nov. 27, 2022
Date of Report:	Nov. 27, 2022
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

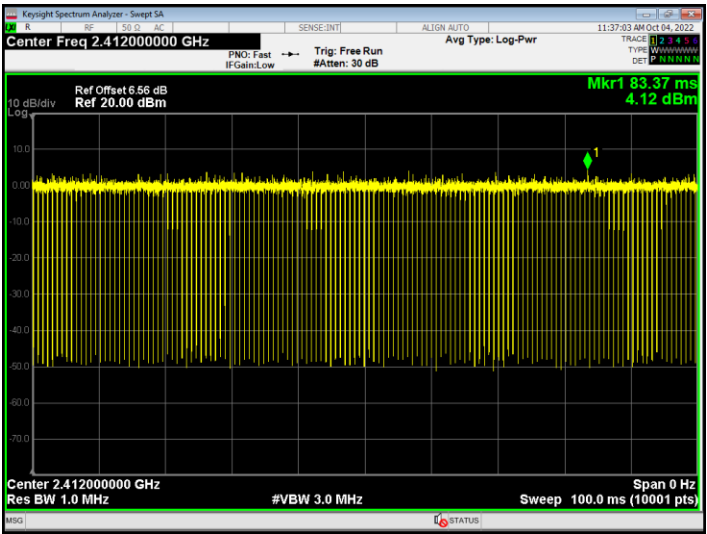
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	ax20	2412	Ant1	95.44	0.2
NVNT	ax20	2437	Ant1	95.38	0.21
NVNT	ax20	2462	Ant1	95.41	0.2
NVNT	ax40	2422	Ant1	91.71	0.38
NVNT	ax40	2437	Ant1	91.64	0.38
NVNT	ax40	2452	Ant1	91.54	0.38
NVNT	b	2412	Ant1	97.38	0.12
NVNT	b	2437	Ant1	97.38	0.12
NVNT	b	2462	Ant1	97.33	0.12
NVNT	g	2412	Ant1	84.86	0.71
NVNT	g	2437	Ant1	85	0.71
NVNT	g	2462	Ant1	85.09	0.7
NVNT	n20	2412	Ant1	97.55	0.11
NVNT	n20	2437	Ant1	97.52	0.11
NVNT	n20	2462	Ant1	97.49	0.11
NVNT	n40	2422	Ant1	95.22	0.21
NVNT	n40	2437	Ant1	95.22	0.21
NVNT	n40	2452	Ant1	95.25	0.21

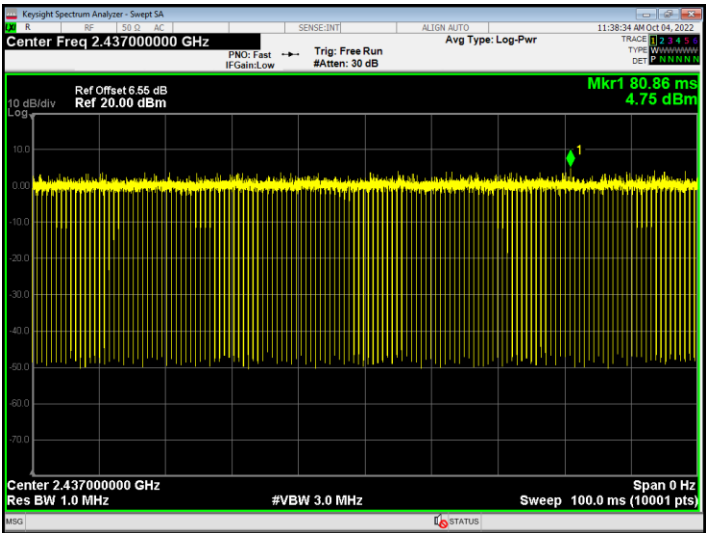
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	ax20	2412	Ant2	95.39	0.2
NVNT	ax20	2437	Ant2	95.34	0.21
NVNT	ax20	2462	Ant2	95.36	0.21
NVNT	ax40	2422	Ant2	91.75	0.37
NVNT	ax40	2437	Ant2	91.56	0.38
NVNT	ax40	2452	Ant2	91.53	0.38
NVNT	b	2412	Ant2	97.37	0.12
NVNT	b	2437	Ant2	97.35	0.12
NVNT	b	2462	Ant2	97.37	0.12
NVNT	g	2412	Ant2	84.93	0.71
NVNT	g	2437	Ant2	84.89	0.71
NVNT	g	2462	Ant2	84.96	0.71
NVNT	n20	2412	Ant2	97.52	0.11
NVNT	n20	2437	Ant2	97.55	0.11
NVNT	n20	2462	Ant2	97.5	0.11
NVNT	n40	2422	Ant2	95.19	0.21
NVNT	n40	2437	Ant2	95.21	0.21
NVNT	n40	2452	Ant2	95.22	0.21

Ant1:

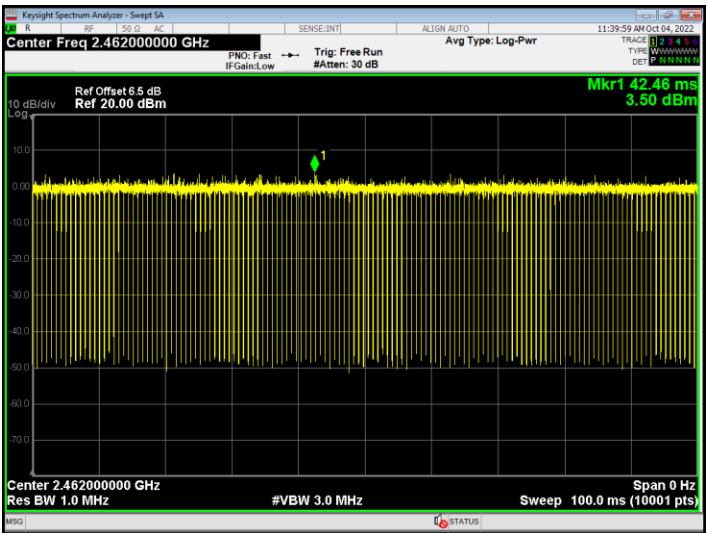
Duty Cycle NVNT ax20 2412MHz Ant1



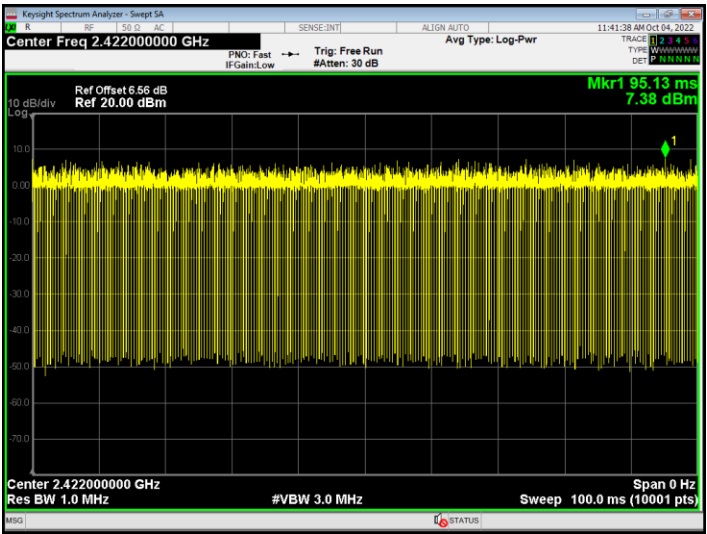
Duty Cycle NVNT ax20 2437MHz Ant1



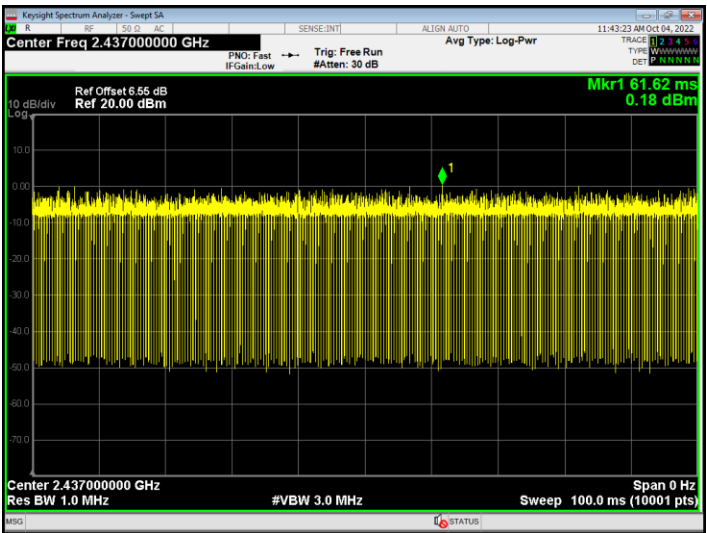
Duty Cycle NVNT ax20 2462MHz Ant1



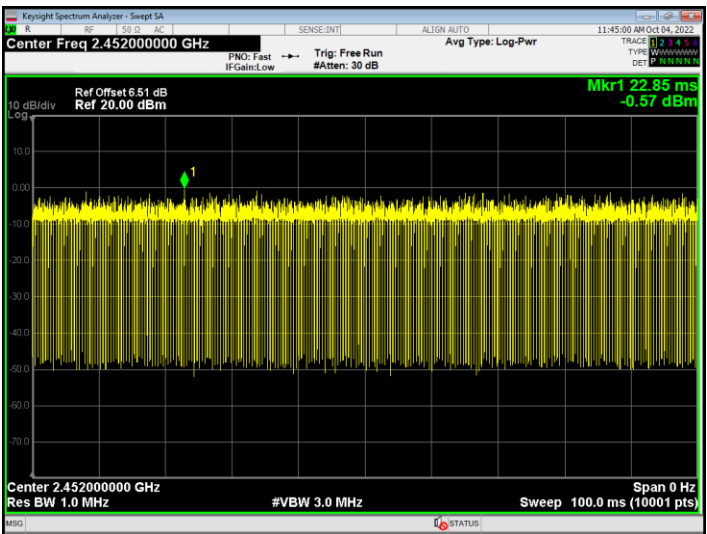
Duty Cycle NVNT ax40 2422MHz Ant1



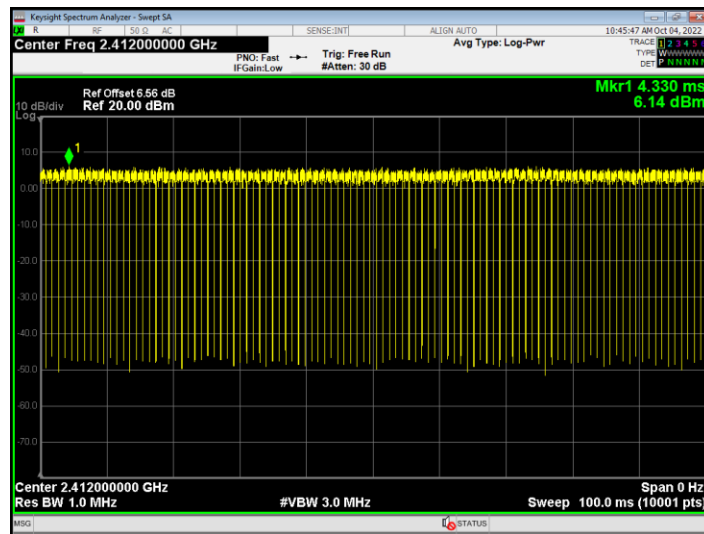
Duty Cycle NVNT ax40 2437MHz Ant1



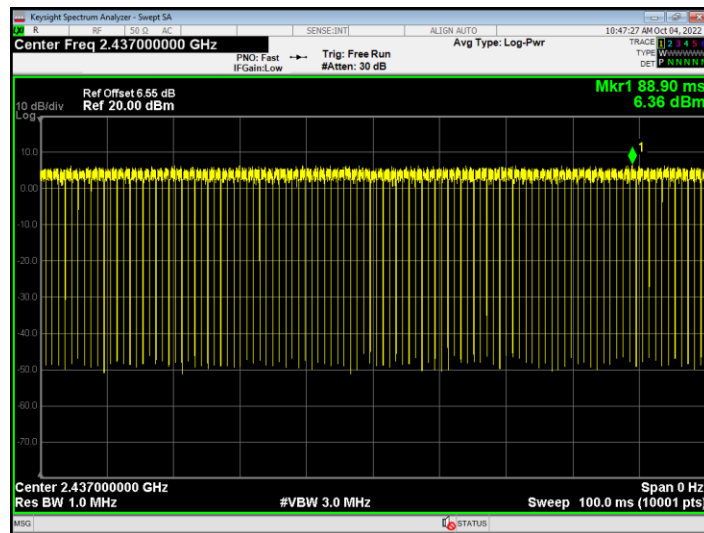
Duty Cycle NVNT ax40 2452MHz Ant1



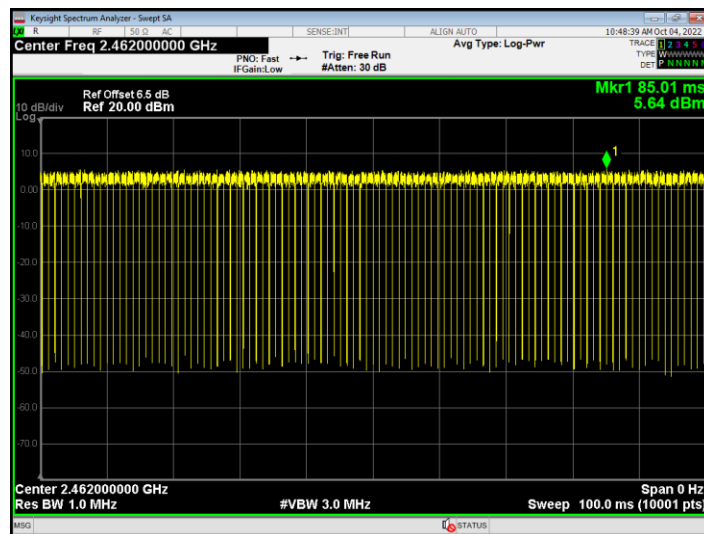
Duty Cycle NVNT b 2412MHz Ant1



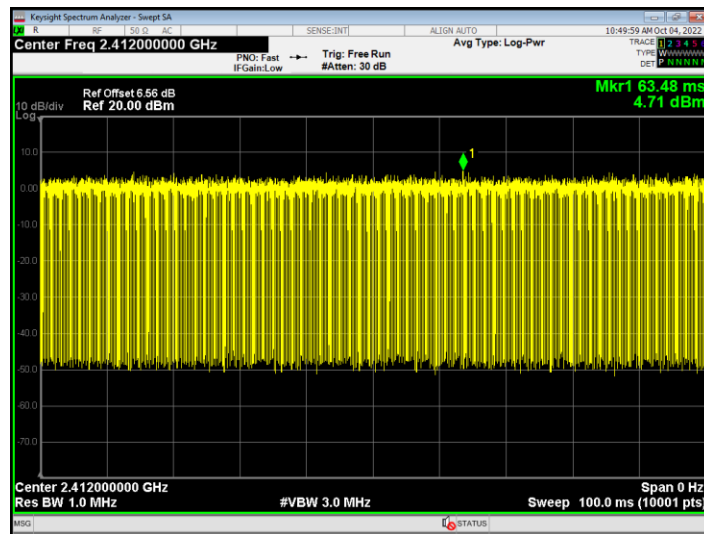
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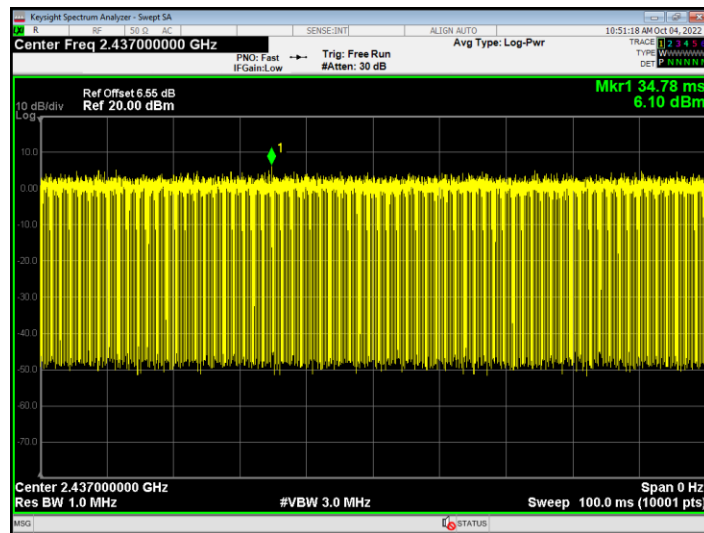
Duty Cycle NVNT b 2462MHz Ant1



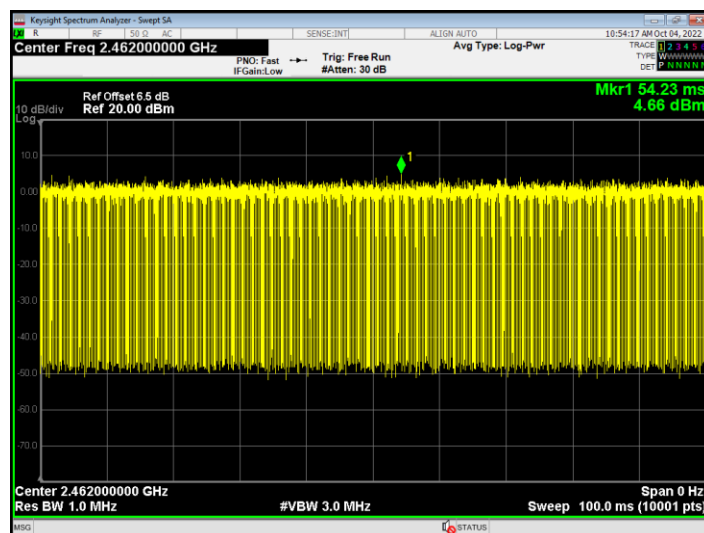
Duty Cycle NVNT g 2412MHz Ant1



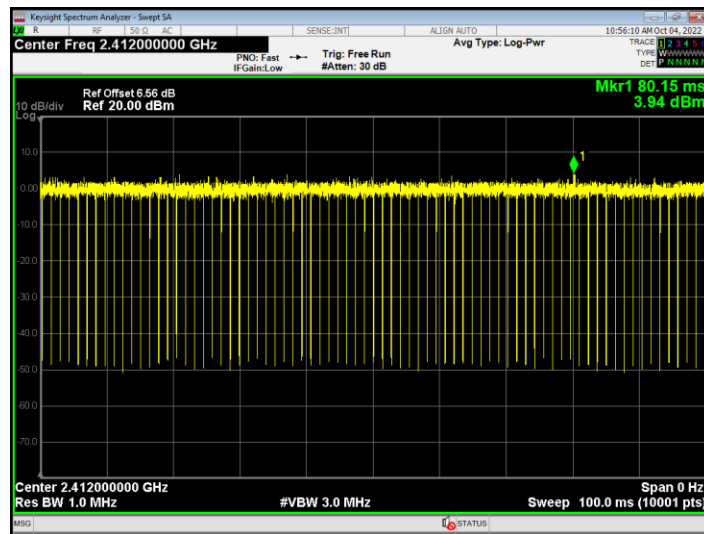
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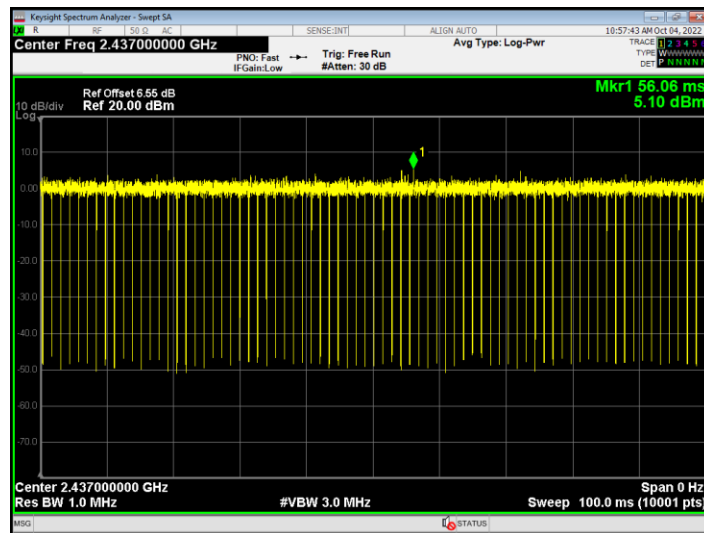
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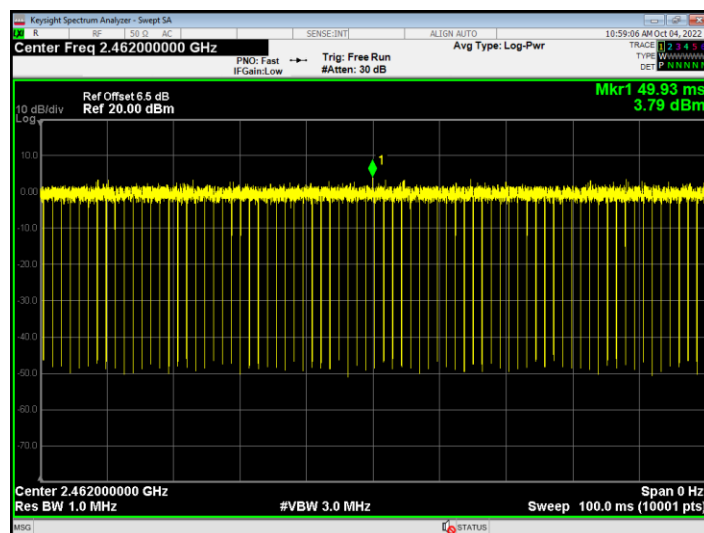
Duty Cycle NVNT n20 2412MHz Ant1



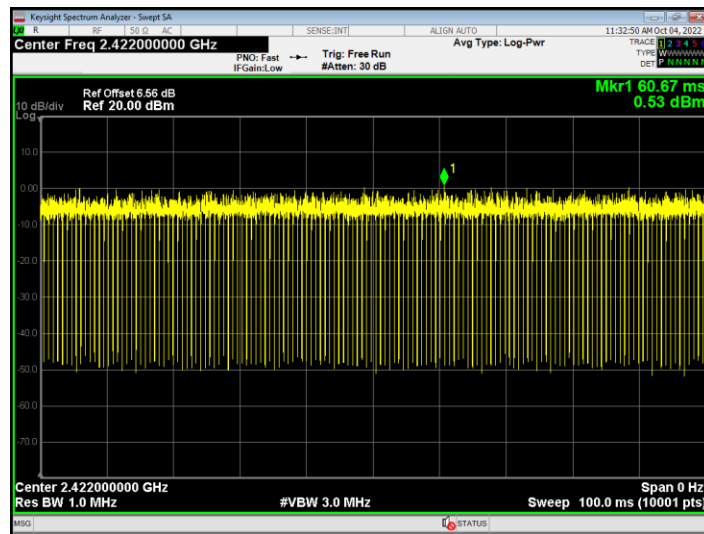
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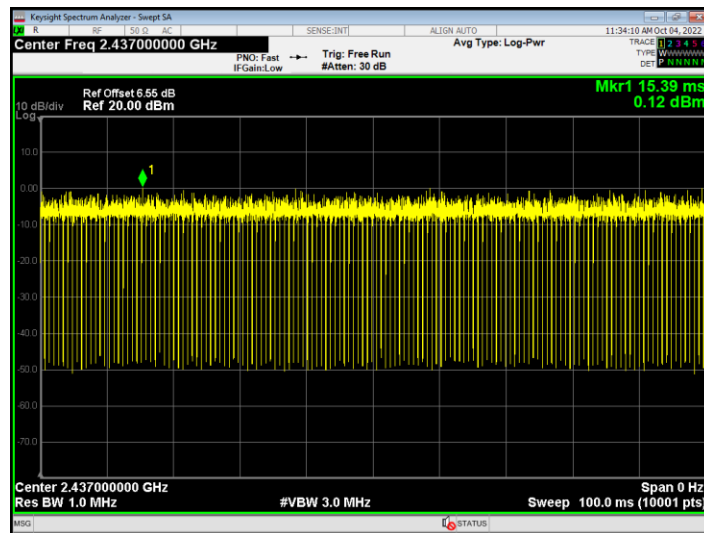
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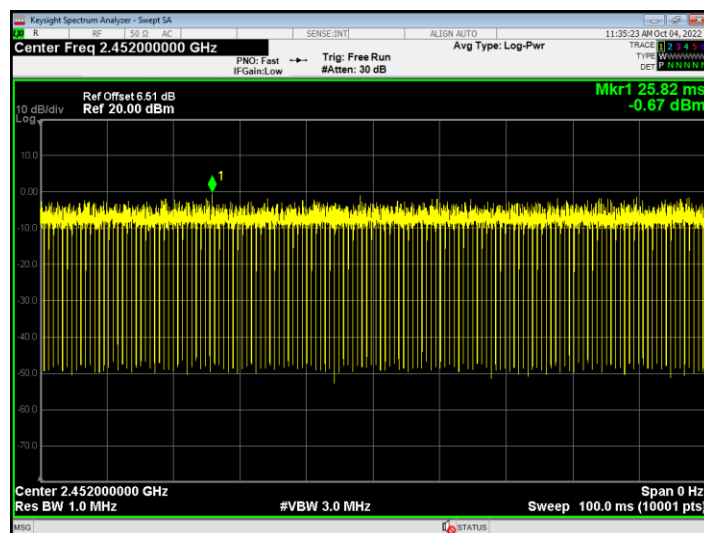
Duty Cycle NVNT n40 2422MHz Ant1



Duty Cycle NVNT n40 2437MHz Ant1

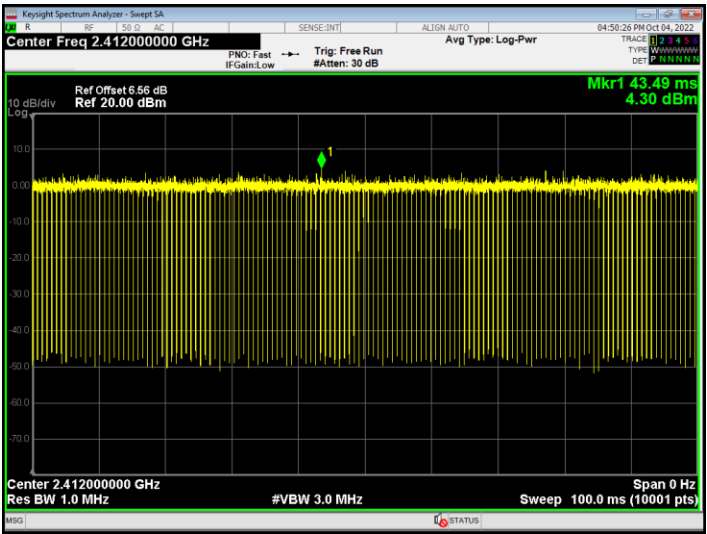


Duty Cycle NVNT n40 2452MHz Ant1

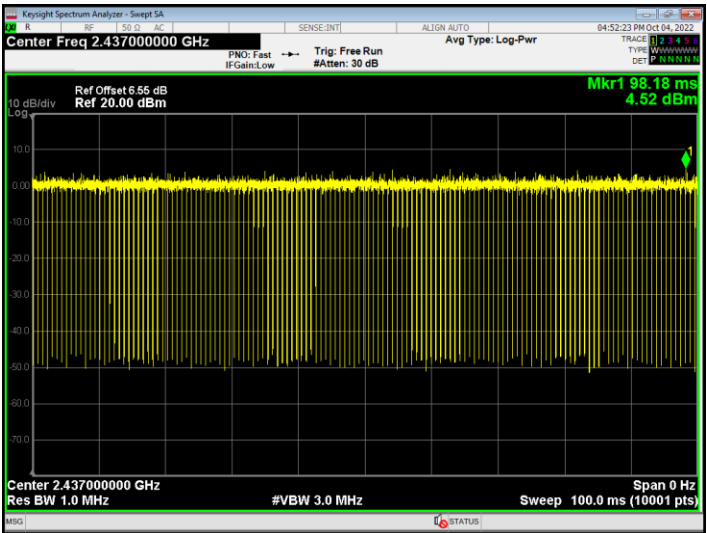


Ant2:

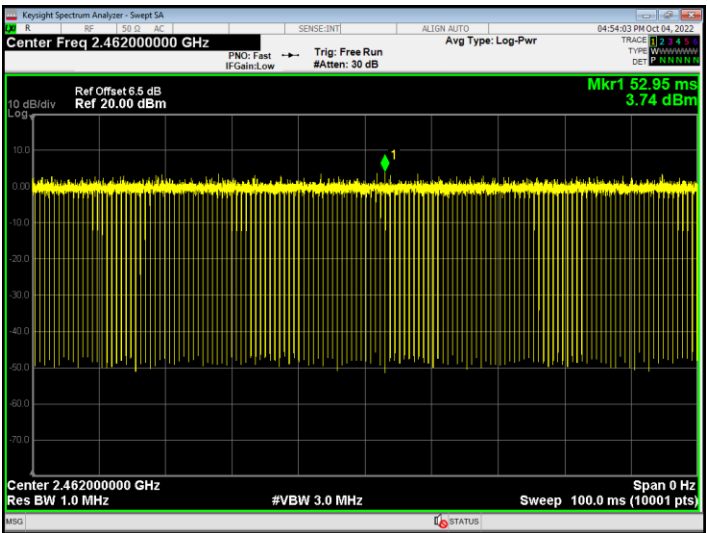
Duty Cycle NVNT ax20 2412MHz Ant2



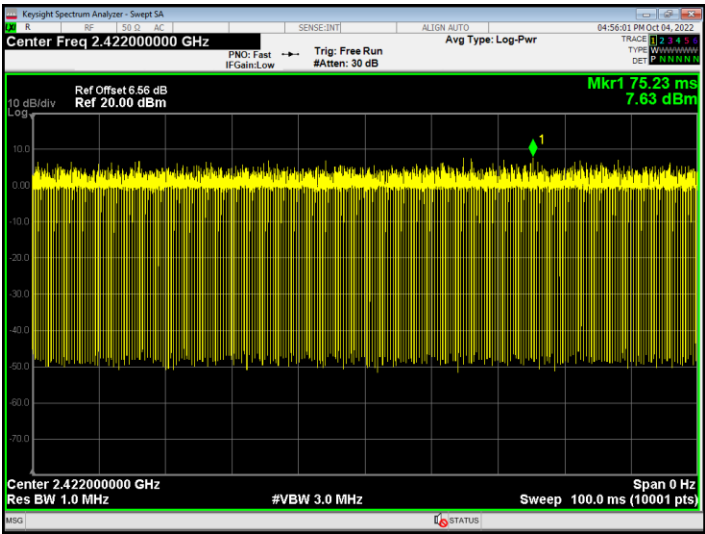
Duty Cycle NVNT ax20 2437MHz Ant2



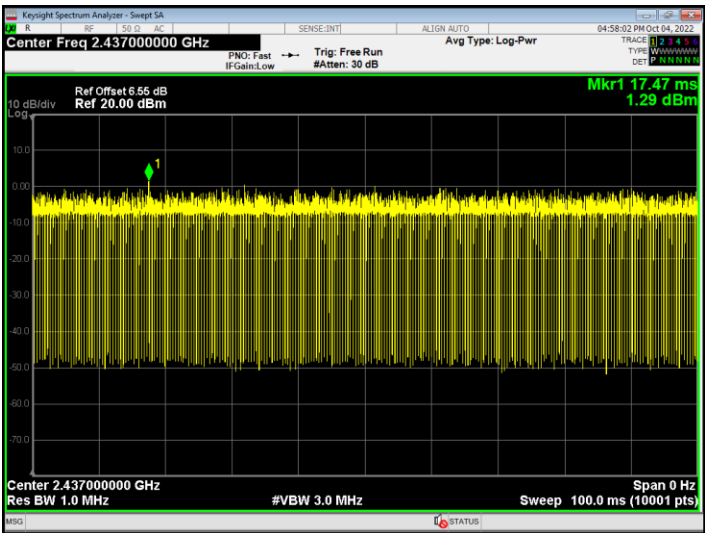
Duty Cycle NVNT ax20 2462MHz Ant2



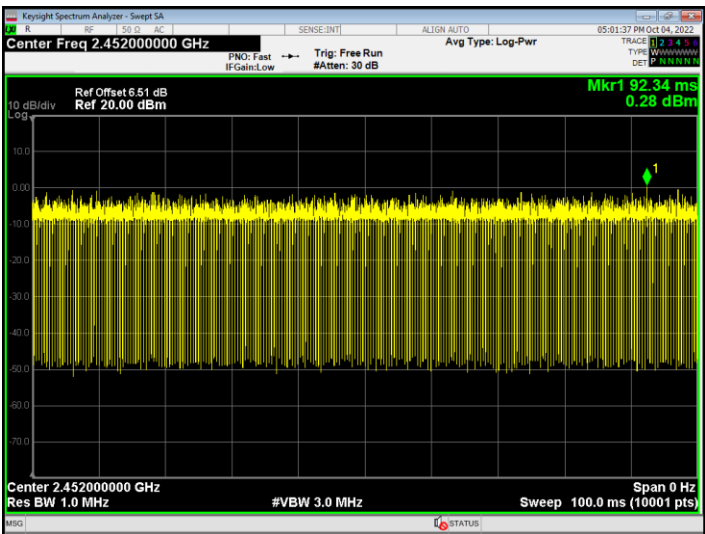
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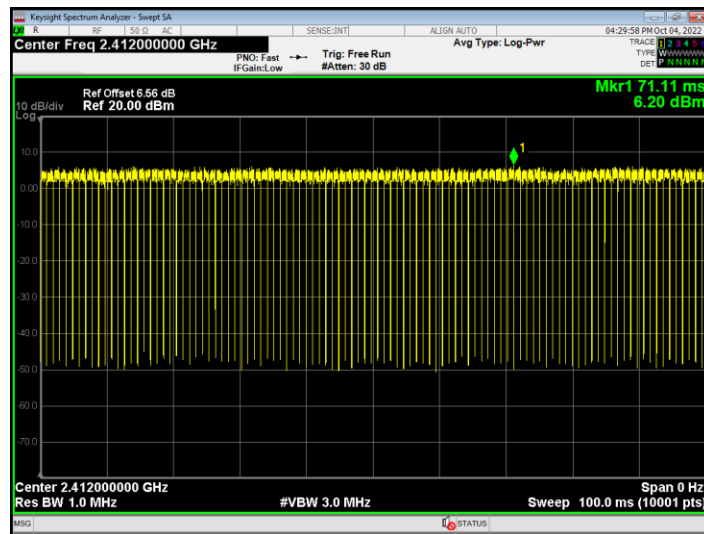
Duty Cycle NVNT ax40 2437MHz Ant2



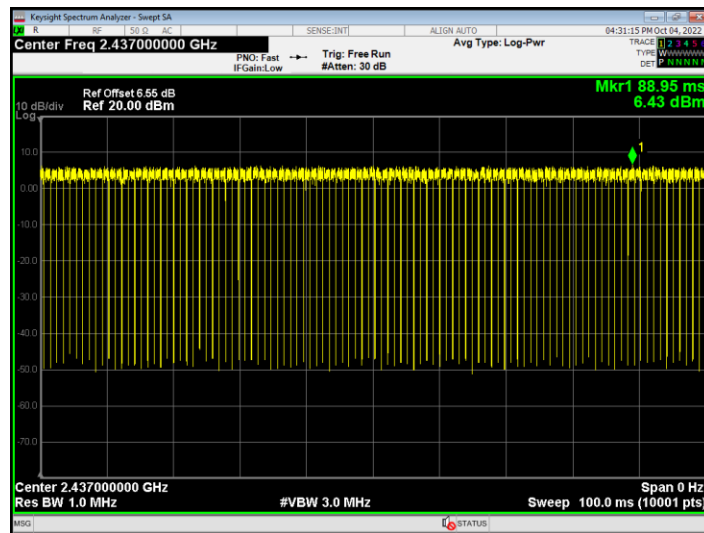
Duty Cycle NVNT ax40 2452MHz Ant2



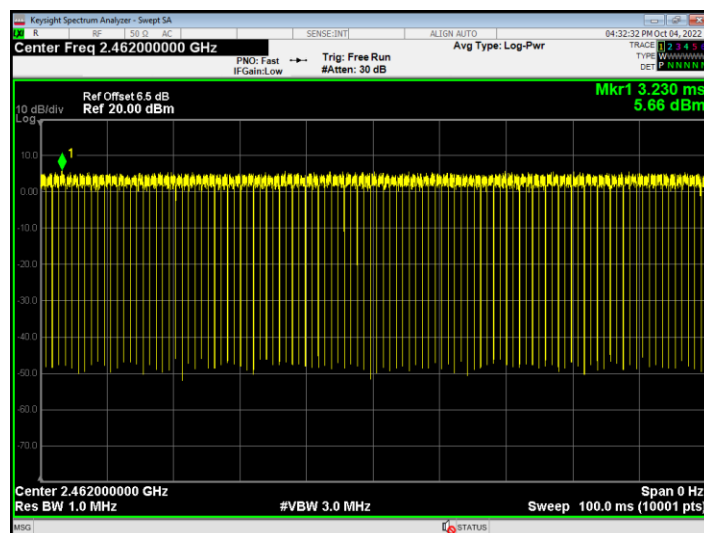
Duty Cycle NVNT b 2412MHz Ant2



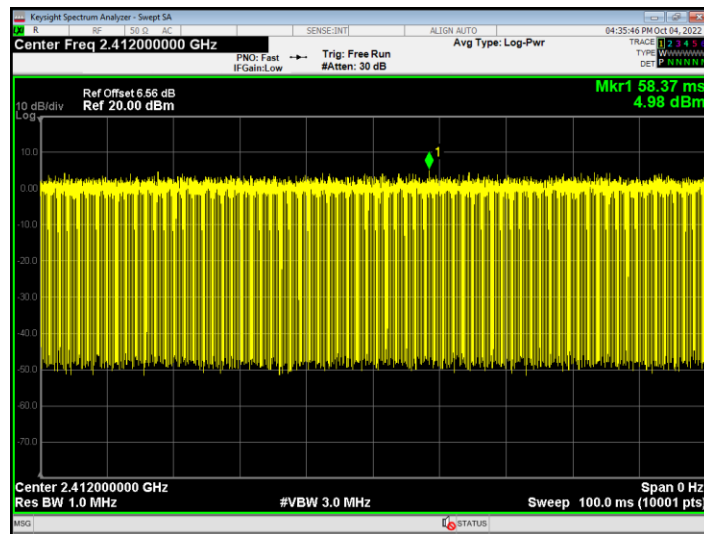
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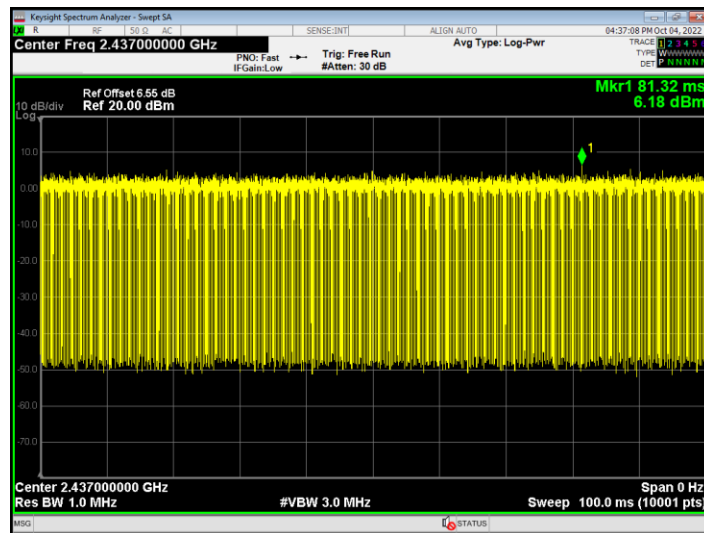
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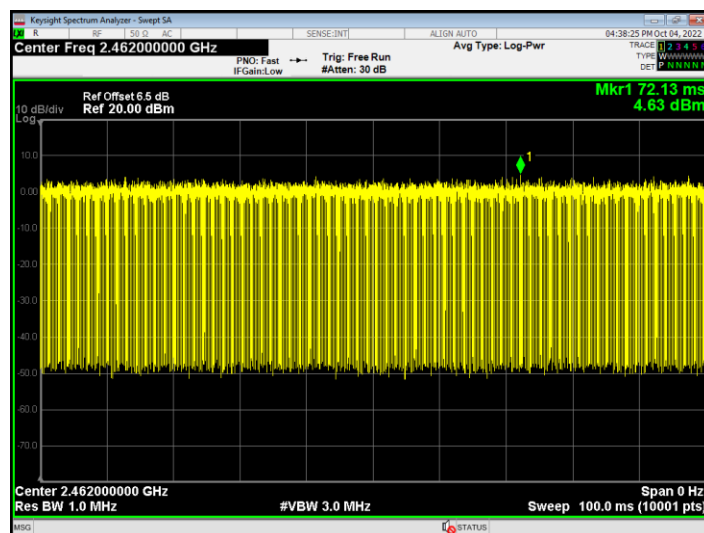
Duty Cycle NVNT g 2412MHz Ant2



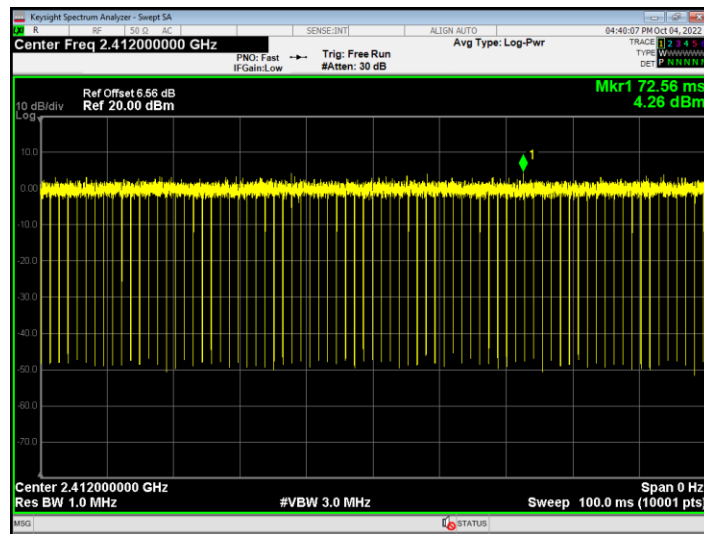
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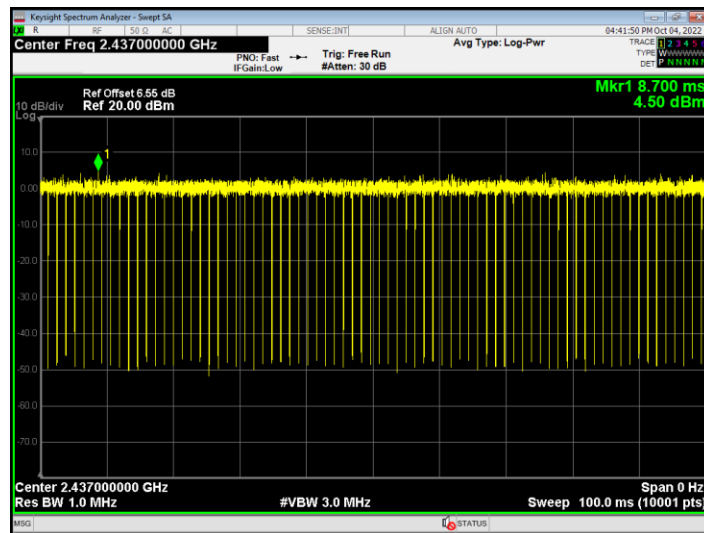
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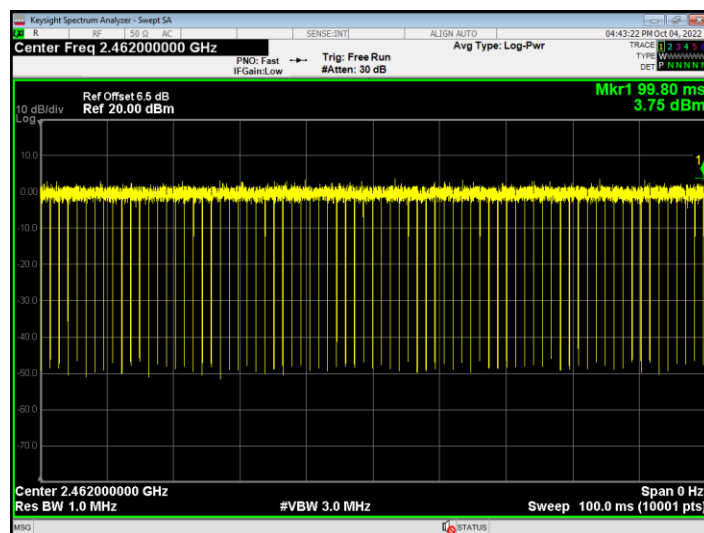
Duty Cycle NVNT n20 2412MHz Ant2



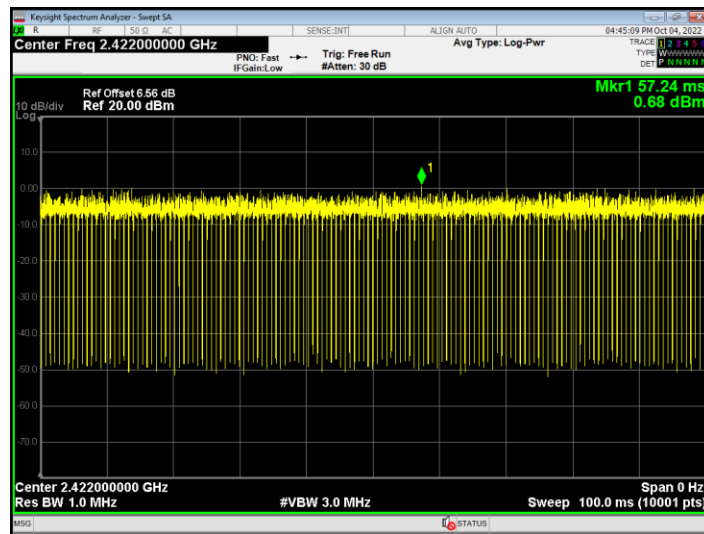
Duty Cycle NVNT n20 2437MHz Ant2



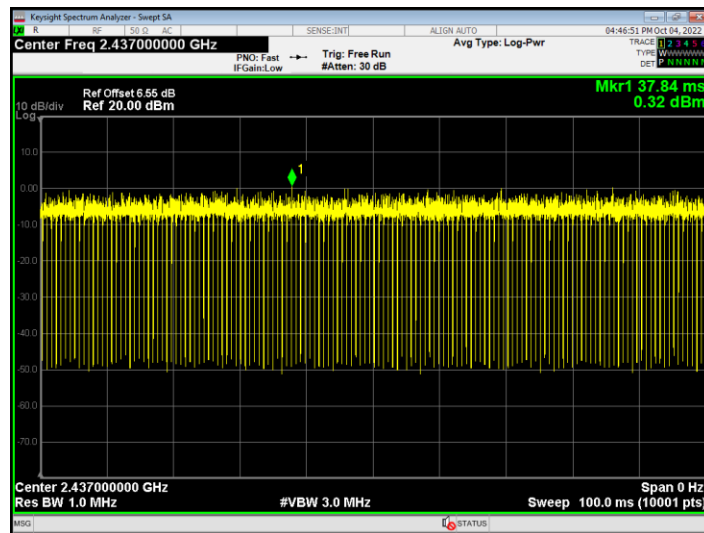
Duty Cycle NVNT n20 2462MHz Ant2



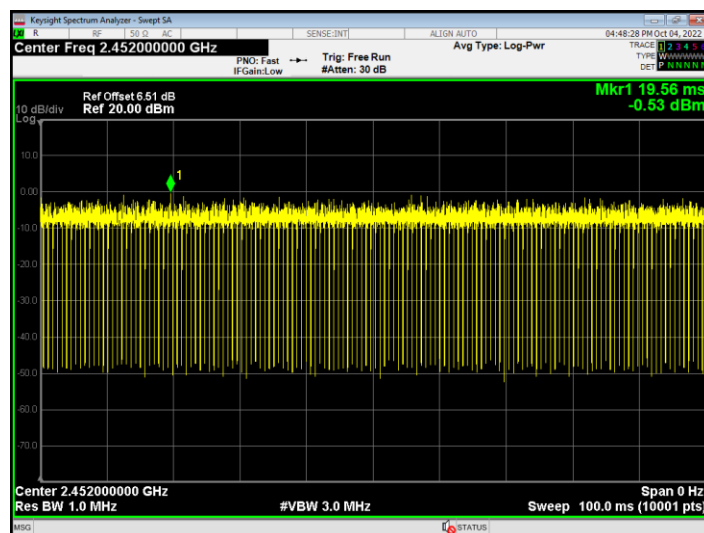
Duty Cycle NVNT n40 2422MHz Ant2



Duty Cycle NVNT n40 2437MHz Ant2



Duty Cycle NVNT n40 2452MHz Ant2



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	ax20	2412	Ant1	-0.639	0.2	-0.439	30	Pass
NVNT	ax20	2437	Ant1	-0.395	0.21	-0.185	30	Pass
NVNT	ax20	2462	Ant1	-1.426	0.2	-1.226	30	Pass
NVNT	ax40	2422	Ant1	-0.233	0.38	0.147	30	Pass
NVNT	ax40	2437	Ant1	-0.21	0.38	0.17	30	Pass
NVNT	ax40	2452	Ant1	-0.73	0.38	-0.35	30	Pass
NVNT	b	2412	Ant1	-0.842	0.12	-0.722	30	Pass
NVNT	b	2437	Ant1	-0.52	0.12	-0.4	30	Pass
NVNT	b	2462	Ant1	-1.268	0.12	-1.148	30	Pass
NVNT	g	2412	Ant1	-1.843	0.71	-1.133	30	Pass
NVNT	g	2437	Ant1	-1.398	0.71	-0.688	30	Pass
NVNT	g	2462	Ant1	-1.364	0.7	-0.664	30	Pass
NVNT	n20	2412	Ant1	-1.775	0.11	-1.665	30	Pass
NVNT	n20	2437	Ant1	-1.533	0.11	-1.423	30	Pass
NVNT	n20	2462	Ant1	-1.338	0.11	-1.228	30	Pass
NVNT	n40	2422	Ant1	-1.715	0.21	-1.505	30	Pass
NVNT	n40	2437	Ant1	-1.579	0.21	-1.369	30	Pass
NVNT	n40	2452	Ant1	-0.69	0.21	-0.48	30	Pass

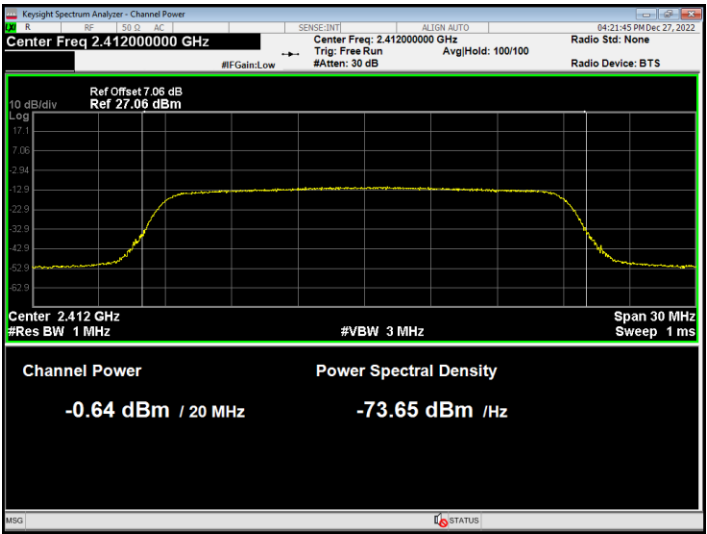
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	ax20	2412	Ant2	-1.974	0.2	-1.774	30	Pass
NVNT	ax20	2437	Ant2	-1.554	0.21	-1.344	30	Pass
NVNT	ax20	2462	Ant2	-1.399	0.21	-1.189	30	Pass
NVNT	ax40	2422	Ant2	-0.238	0.37	0.132	30	Pass
NVNT	ax40	2437	Ant2	-0.217	0.38	0.163	30	Pass
NVNT	ax40	2452	Ant2	-0.648	0.38	-0.268	30	Pass
NVNT	b	2412	Ant2	-0.924	0.12	-0.804	30	Pass
NVNT	b	2437	Ant2	-0.442	0.12	-0.322	30	Pass
NVNT	b	2462	Ant2	-1.444	0.12	-1.324	30	Pass
NVNT	g	2412	Ant2	-1.758	0.71	-1.048	30	Pass
NVNT	g	2437	Ant2	-1.509	0.71	-0.799	30	Pass
NVNT	g	2462	Ant2	-1.476	0.71	-0.766	30	Pass
NVNT	n20	2412	Ant2	-1.931	0.11	-1.821	30	Pass
NVNT	n20	2437	Ant2	-1.607	0.11	-1.497	30	Pass
NVNT	n20	2462	Ant2	-1.514	0.11	-1.404	30	Pass
NVNT	n40	2422	Ant2	-1.852	0.21	-1.642	30	Pass
NVNT	n40	2437	Ant2	-1.873	0.21	-1.663	30	Pass
NVNT	n40	2452	Ant2	-0.675	0.21	-0.465	30	Pass

For MIMO Mode

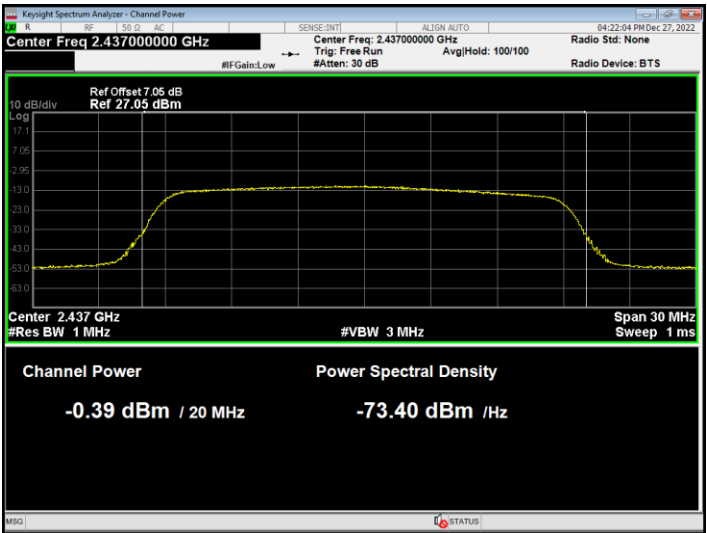
Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
ax20	2412	Ant1+2	1.95	30	Pass
ax20	2437	Ant1+2	2.28	30	Pass
ax20	2462	Ant1+2	1.80	30	Pass
ax40	2422	Ant1+2	3.15	30	Pass
ax40	2437	Ant1+2	3.18	30	Pass
ax40	2452	Ant1+2	2.70	30	Pass
n20	2412	Ant1+2	1.27	30	Pass
n20	2437	Ant1+2	1.55	30	Pass
n20	2462	Ant1+2	1.70	30	Pass
n40	2422	Ant1+2	1.44	30	Pass
n40	2437	Ant1+2	1.50	30	Pass
n40	2452	Ant1+2	2.54	30	Pass

Ant1:

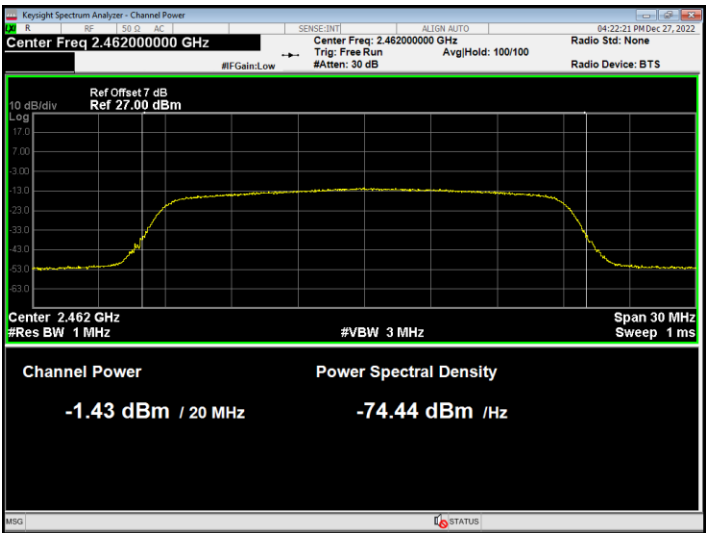
Power NVNT ax20 2412MHz Ant1



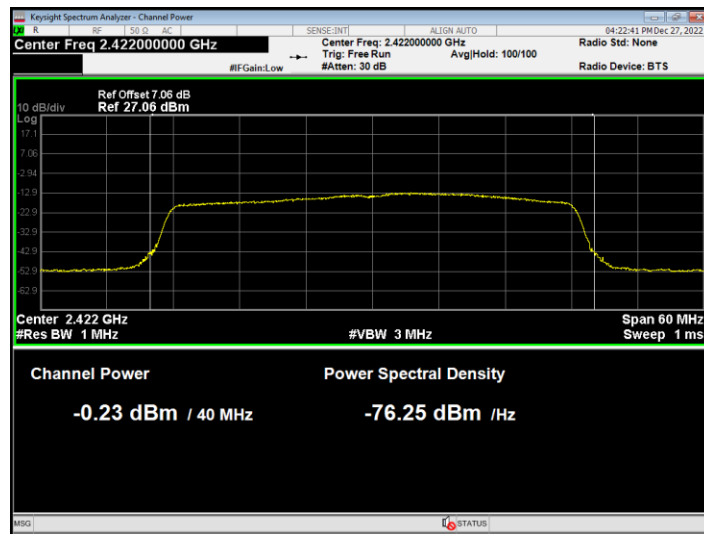
Power NVNT ax20 2437MHz Ant1



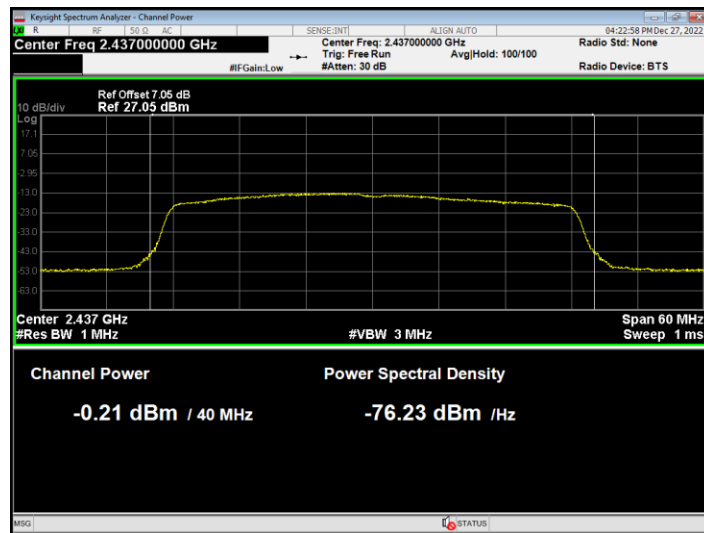
Power NVNT ax20 2462MHz Ant1



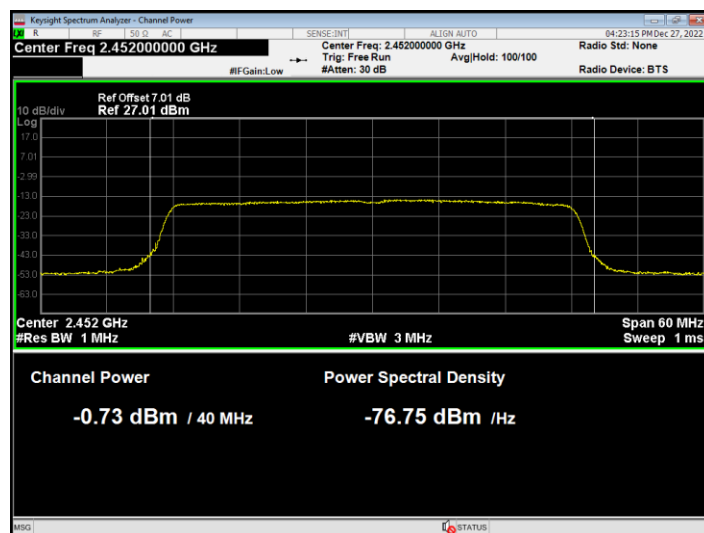
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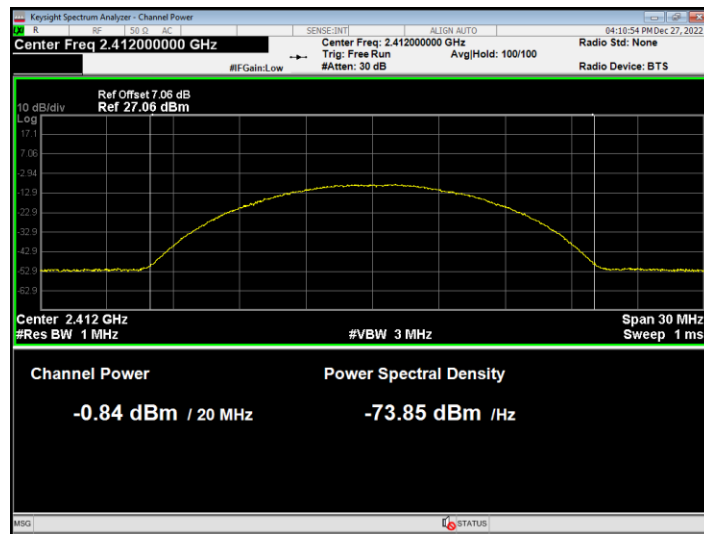
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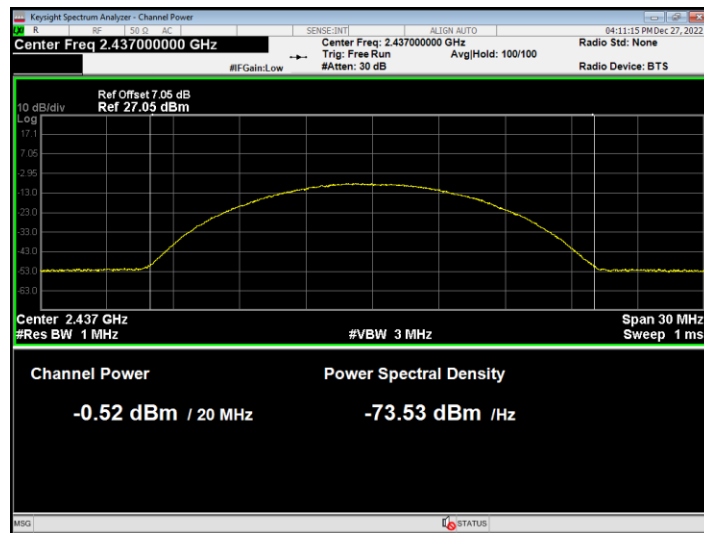
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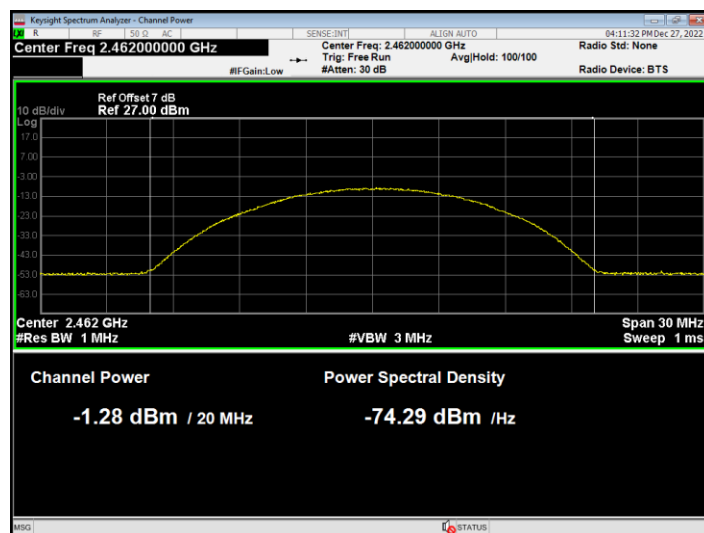
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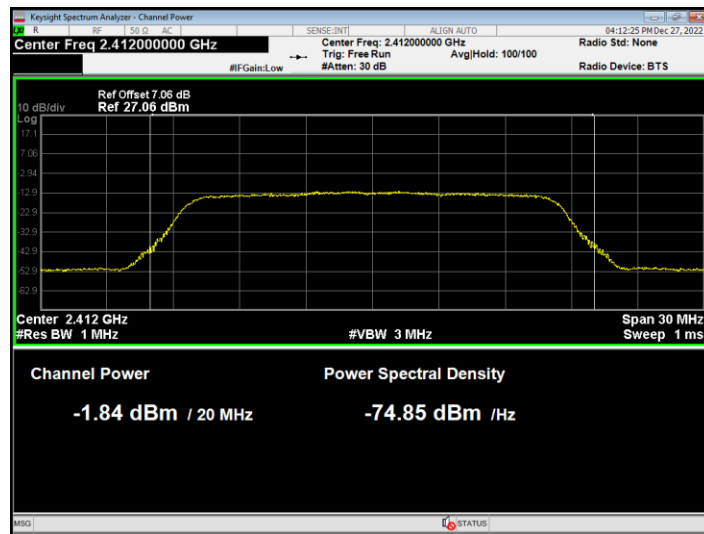
Power NVNT b 2437MHz Ant1



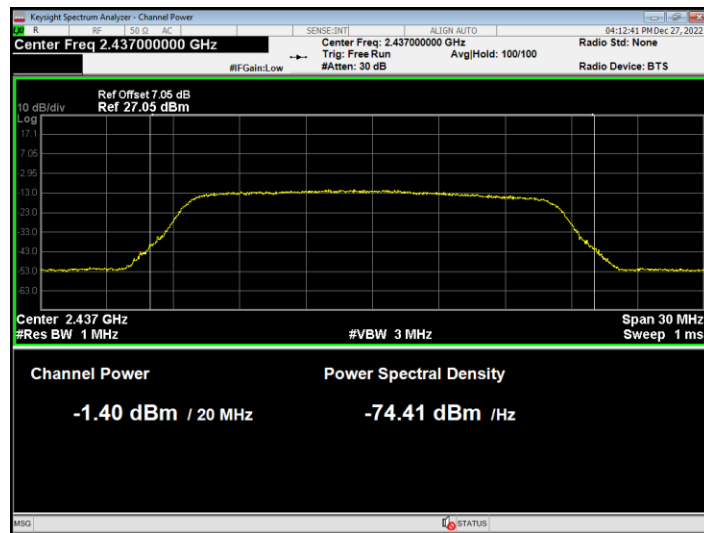
Power NVNT b 2462MHz Ant1



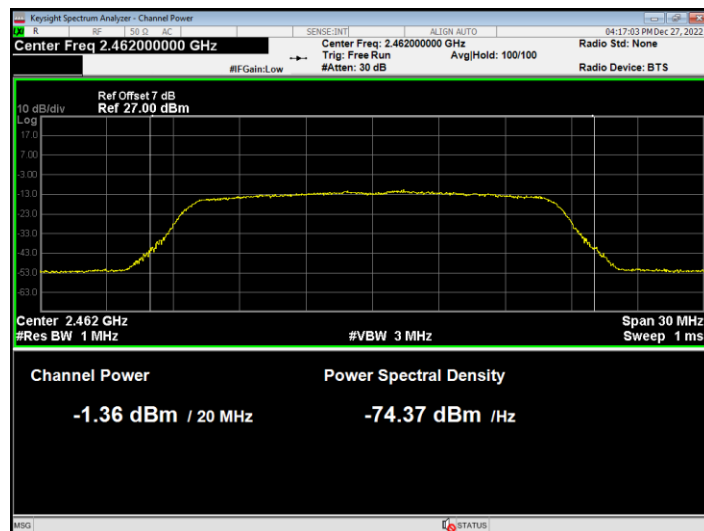
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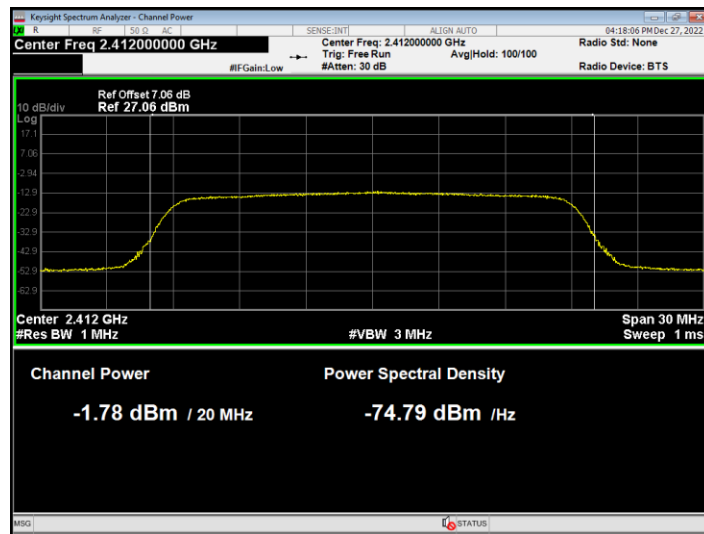
Power NVNT g 2437MHz Ant1



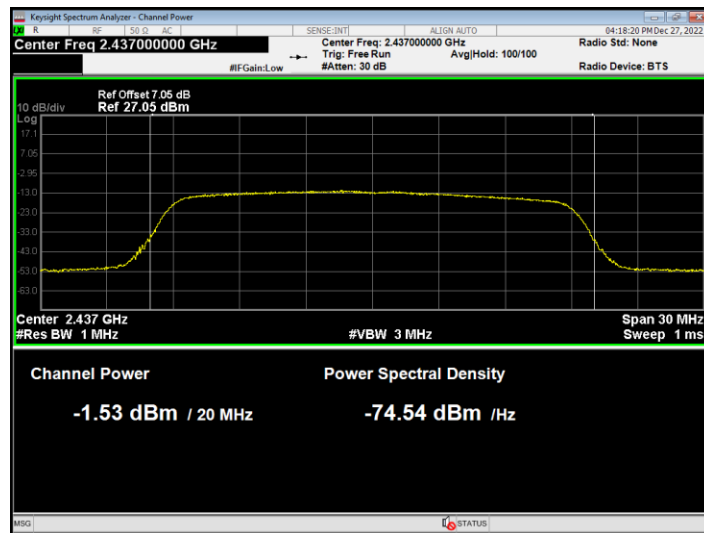
Power NVNT g 2462MHz Ant1



Power NVNT n20 2412MHz Ant1



Power NVNT n20 2437MHz Ant1



Power NVNT n20 2462MHz Ant1

