

FCC Test Report

ANNEX 1 2.4G WIFI

FCC ID: 2AU7O-N126

Applicant:	Shenzhen Phaten Technology Co., Ltd.
Address:	602, Building 1, Aidimengtuo Industrial Park, 4th Industrial Zone, Matian Street, Guangming District, Shenzhen
Manufacturer:	Shenzhen Phaten Technology Co., Ltd.
Address:	602, Building 1, Aidimengtuo Industrial Park, 4th Industrial Zone, Matian Street, Guangming District, Shenzhen
EUT:	Wireless network
Trade Mark:	N/A
Model Number:	FT1852BEV1, N126, LK-A61
Date of Receipt:	Nov. 24, 2022
Test Date:	Nov. 24, 2022 - Feb. 13, 2023
Date of Report:	Feb. 13, 2023
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

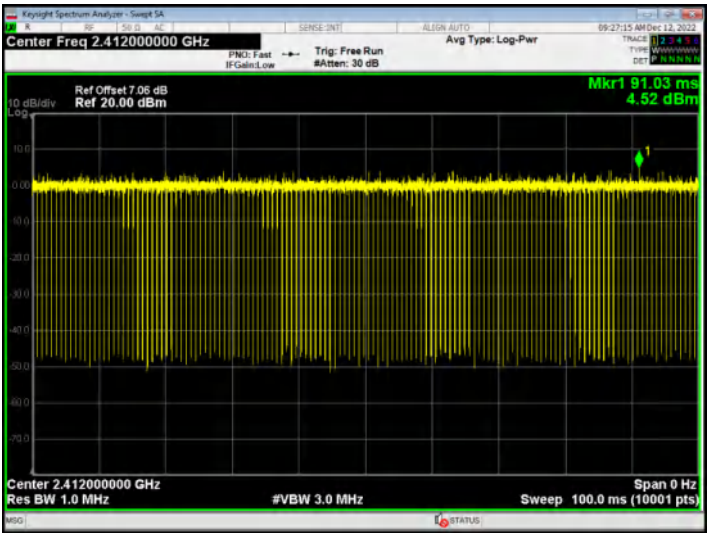
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	ax20	2412	Ant1	95.39	0.2
NVNT	ax20	2437	Ant1	95.37	0.21
NVNT	ax20	2462	Ant1	95.34	0.21
NVNT	ax40	2422	Ant1	91.58	0.38
NVNT	ax40	2437	Ant1	91.56	0.38
NVNT	ax40	2452	Ant1	91.57	0.38
NVNT	b	2412	Ant1	97.36	0.12
NVNT	b	2437	Ant1	97.39	0.11
NVNT	b	2462	Ant1	97.36	0.12
NVNT	g	2412	Ant1	84.88	0.71
NVNT	g	2437	Ant1	84.96	0.71
NVNT	g	2462	Ant1	84.85	0.71
NVNT	n20	2412	Ant1	97.56	0.11
NVNT	n20	2437	Ant1	97.49	0.11
NVNT	n20	2462	Ant1	97.49	0.11
NVNT	n40	2422	Ant1	95.19	0.21
NVNT	n40	2437	Ant1	95.19	0.21
NVNT	n40	2452	Ant1	95.2	0.21

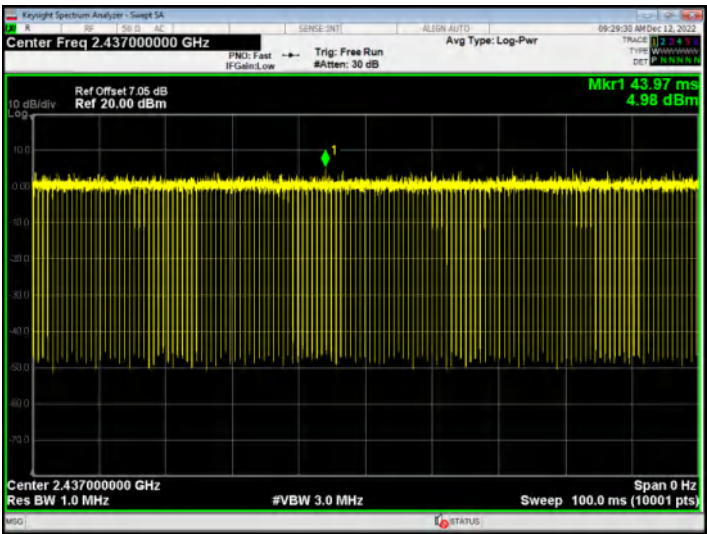
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	ax20	2412	Ant2	95.33	0.21
NVNT	ax20	2437	Ant2	95.3	0.21
NVNT	ax20	2462	Ant2	95.37	0.21
NVNT	ax40	2422	Ant2	91.57	0.38
NVNT	ax40	2437	Ant2	91.53	0.38
NVNT	ax40	2452	Ant2	91.56	0.38
NVNT	b	2412	Ant2	97.34	0.12
NVNT	b	2437	Ant2	97.38	0.12
NVNT	b	2462	Ant2	97.36	0.12
NVNT	g	2412	Ant2	84.88	0.71
NVNT	g	2437	Ant2	84.84	0.71
NVNT	g	2462	Ant2	84.87	0.71
NVNT	n20	2412	Ant2	97.53	0.11
NVNT	n20	2437	Ant2	97.48	0.11
NVNT	n20	2462	Ant2	97.52	0.11
NVNT	n40	2422	Ant2	95.19	0.21
NVNT	n40	2437	Ant2	95.2	0.21
NVNT	n40	2452	Ant2	95.21	0.21

Ant1:

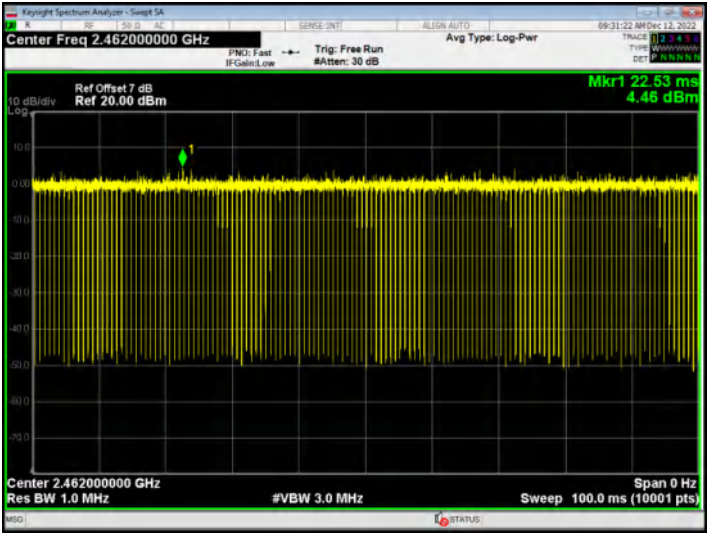
Duty Cycle NVNT ax20 2412MHz Ant1



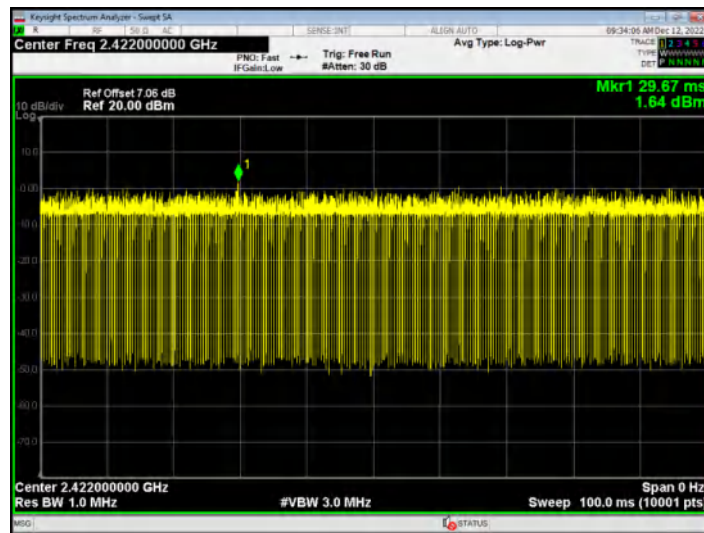
Duty Cycle NVNT ax20 2437MHz Ant1



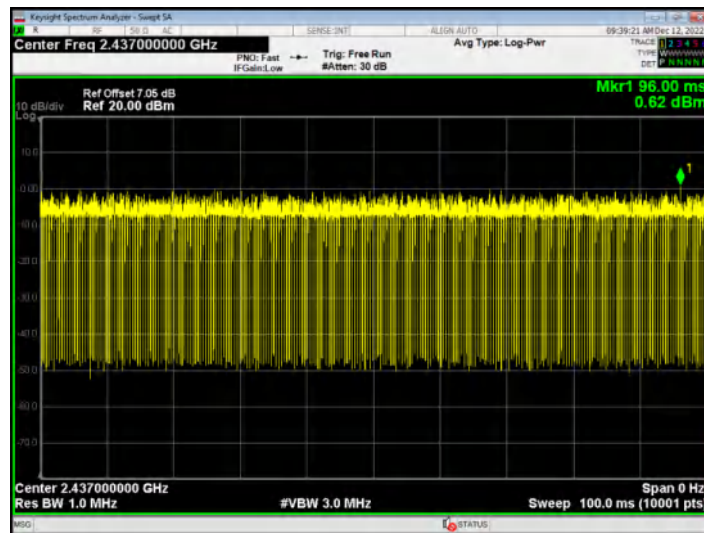
Duty Cycle NVNT ax20 2462MHz Ant1



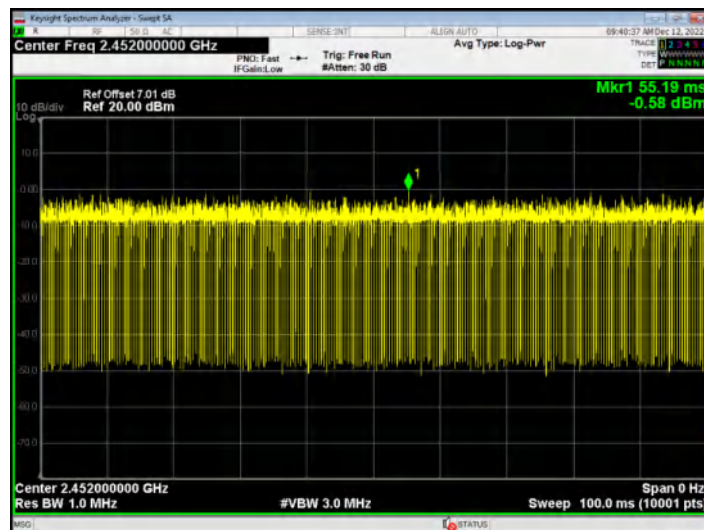
Duty Cycle NVNT ax40 2422MHz Ant1



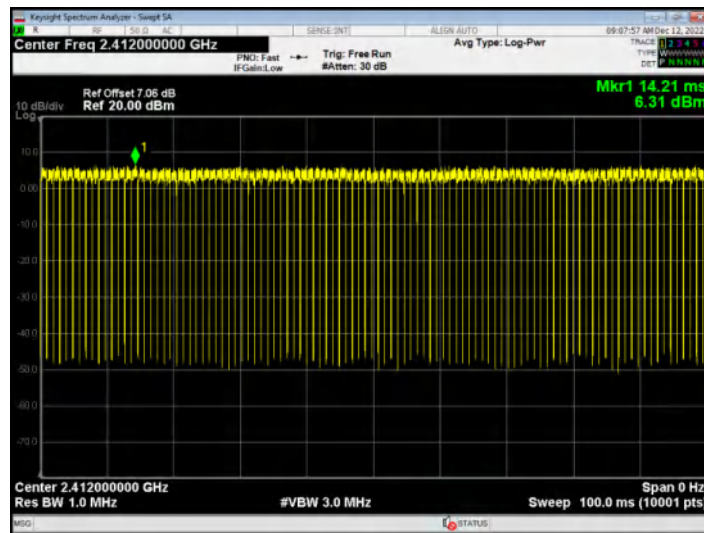
Duty Cycle NVNT ax40 2437MHz Ant1



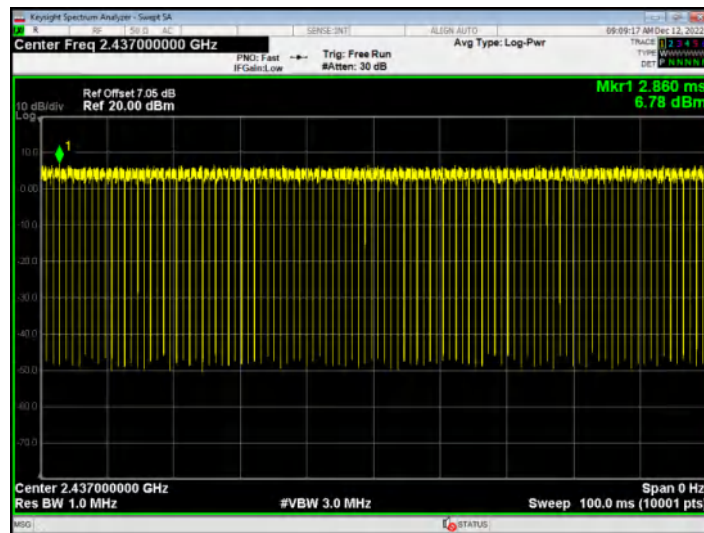
Duty Cycle NVNT ax40 2452MHz Ant1



Duty Cycle NVNT b 2412MHz Ant1



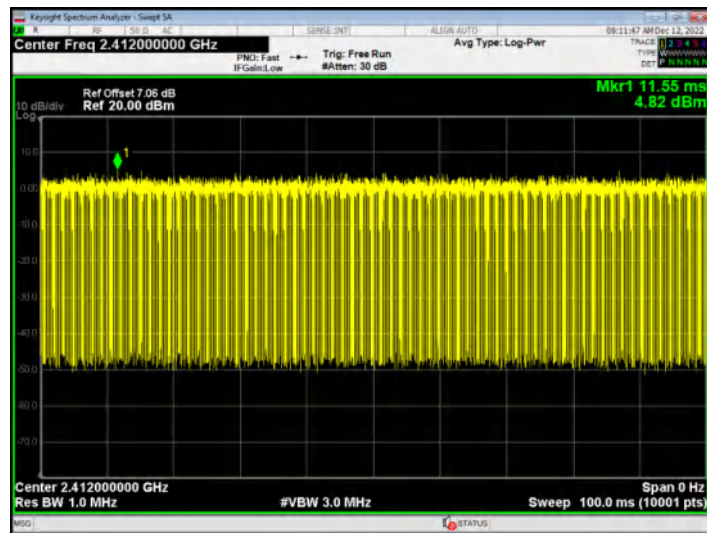
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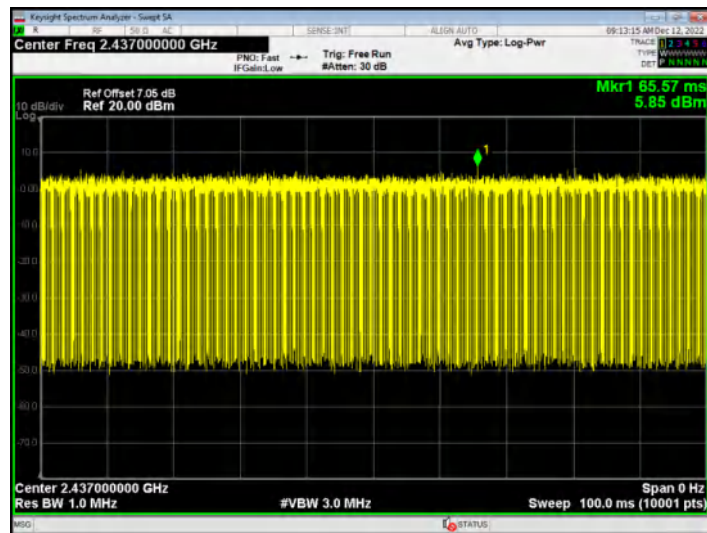
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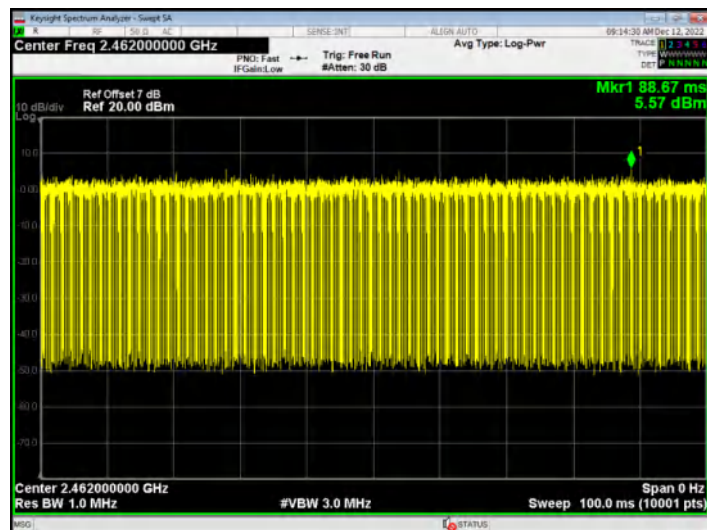
Duty Cycle NVNT g 2412MHz Ant1



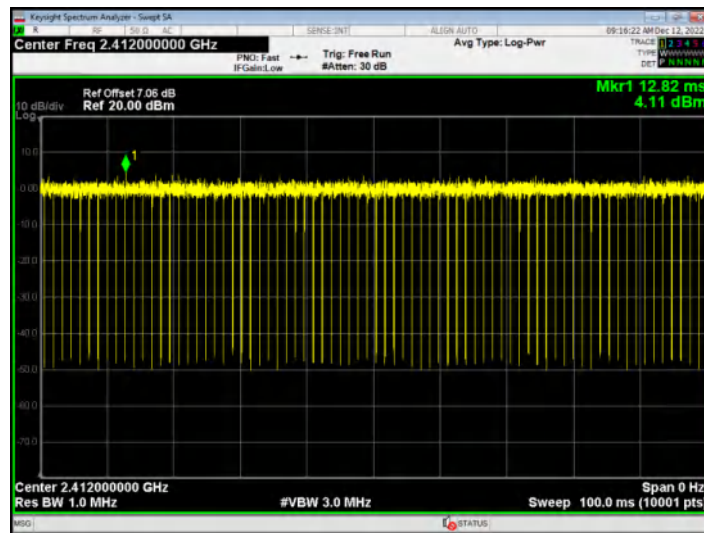
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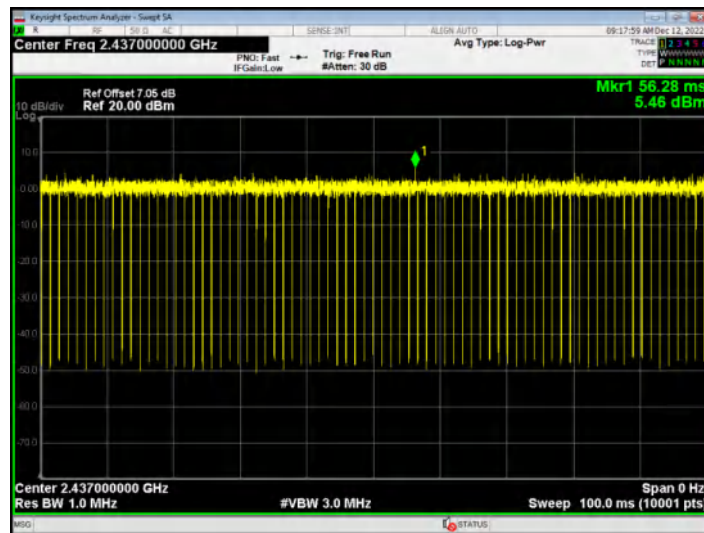
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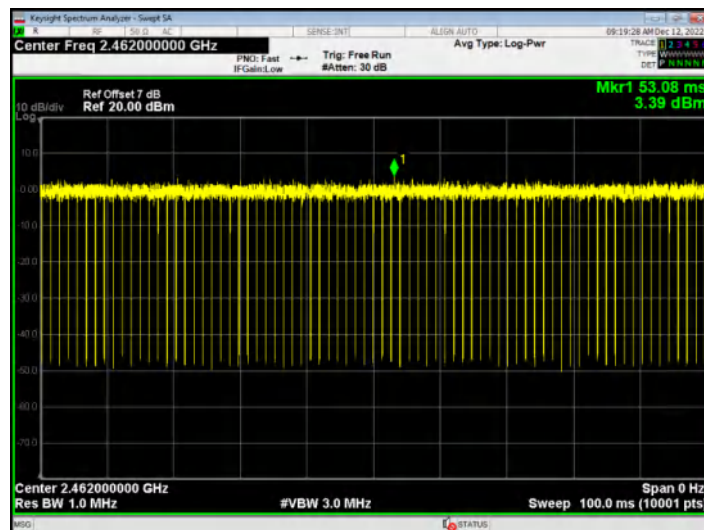
Duty Cycle NVNT n20 2412MHz Ant1



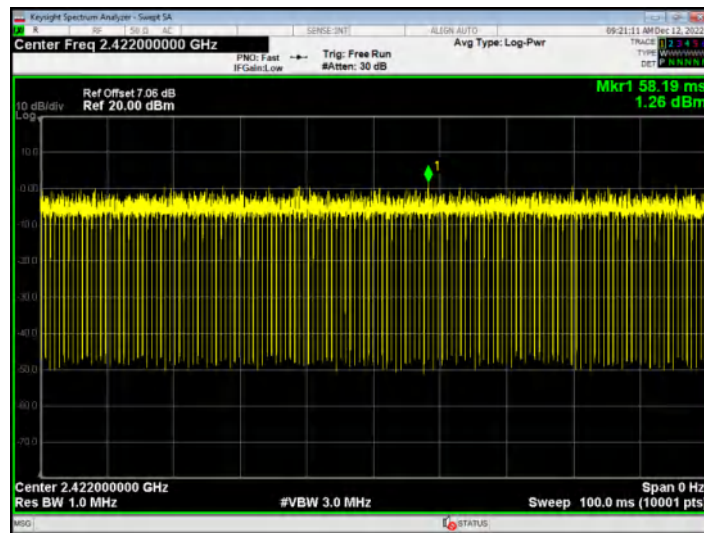
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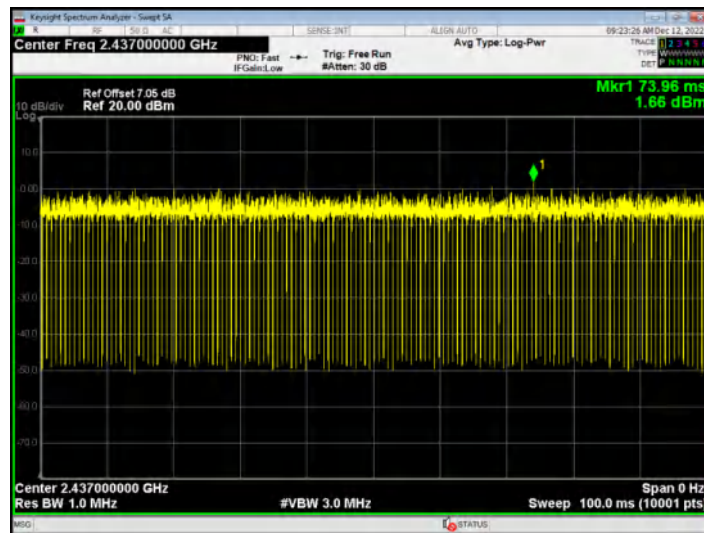
Duty Cycle NVNT n20 2462MHz Ant1



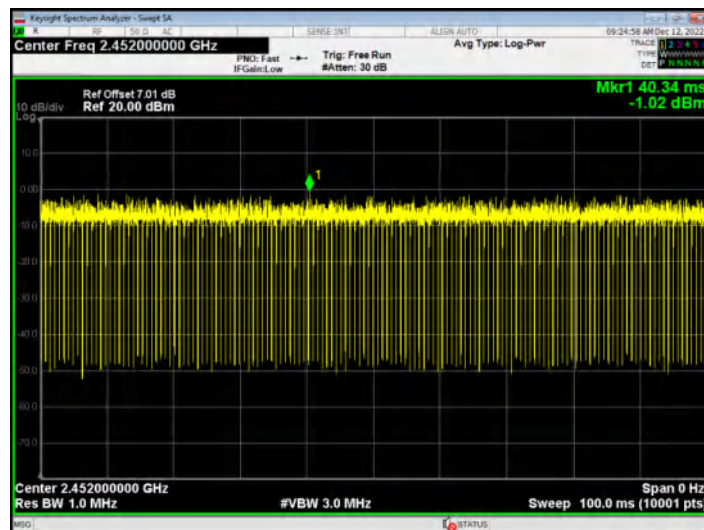
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Duty Cycle NVNT n40 2437MHz Ant1

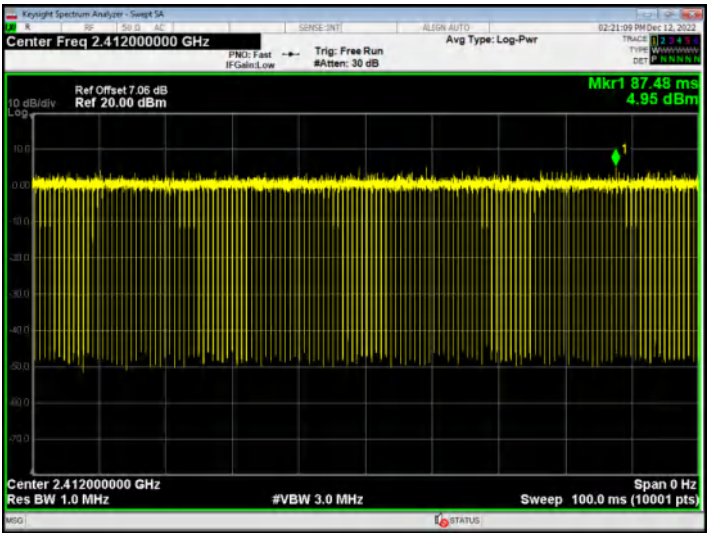


Duty Cycle NVNT n40 2452MHz Ant1

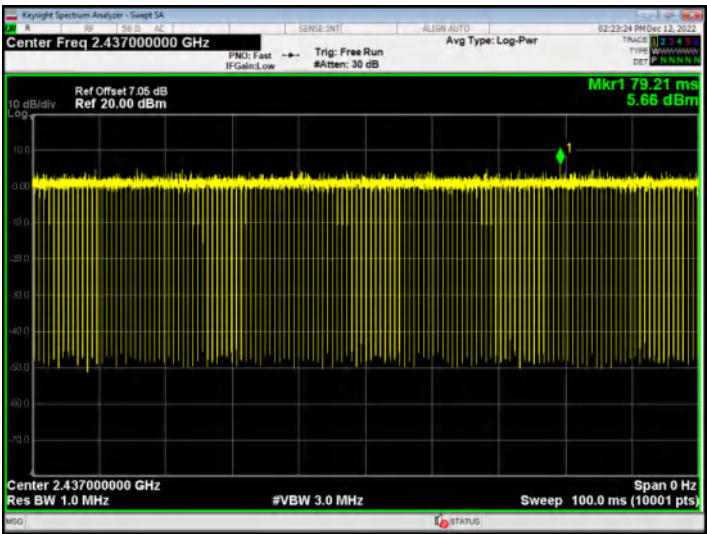


Ant2:

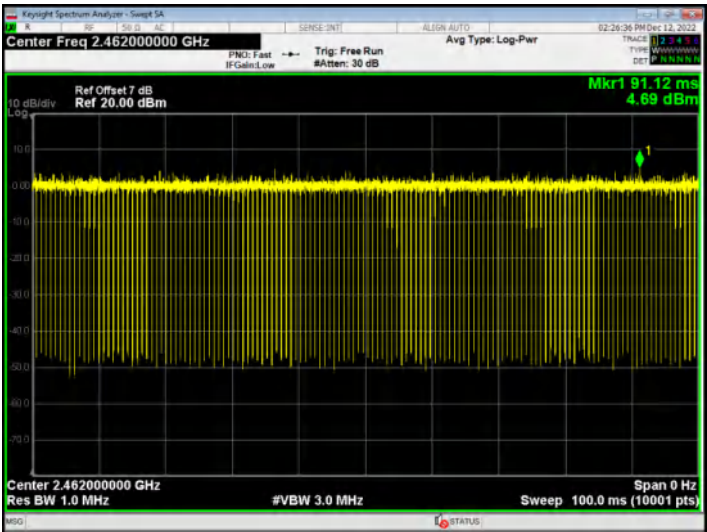
Duty Cycle NVNT ax20 2412MHz Ant2



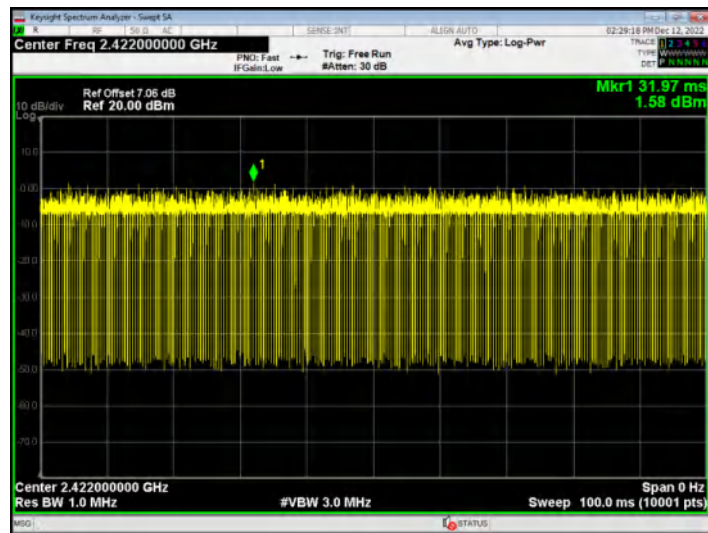
Duty Cycle NVNT ax20 2437MHz Ant2



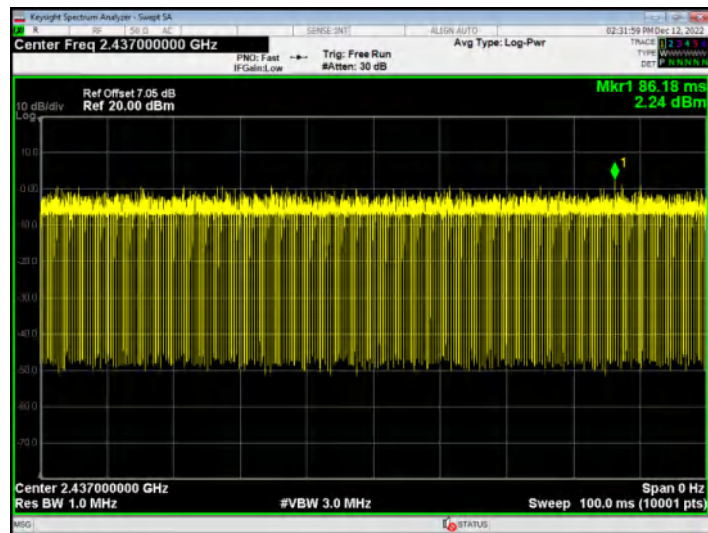
Duty Cycle NVNT ax20 2462MHz Ant2



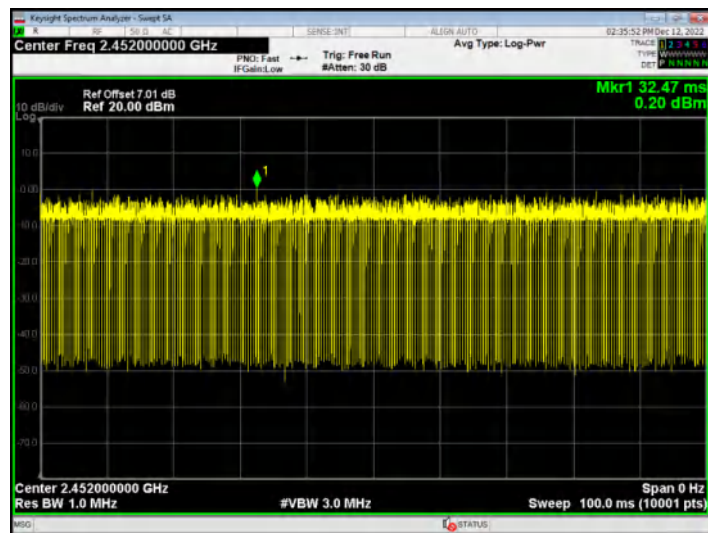
Duty Cycle NVNT ax40 2422MHz Ant2



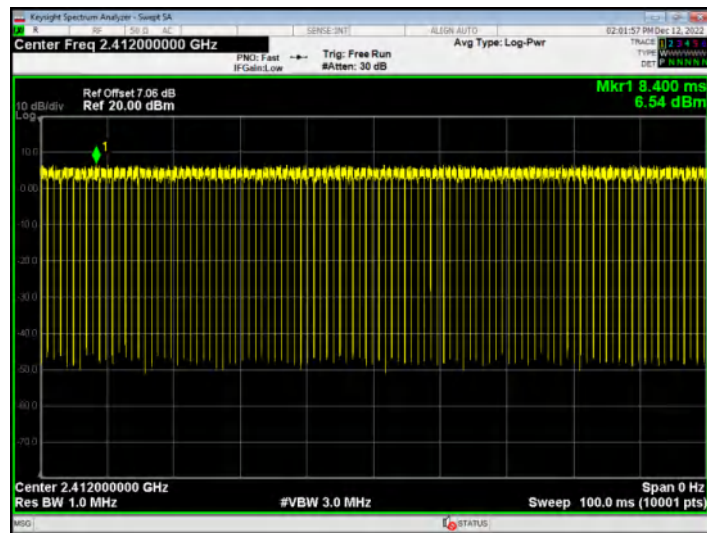
Duty Cycle NVNT ax40 2437MHz Ant2



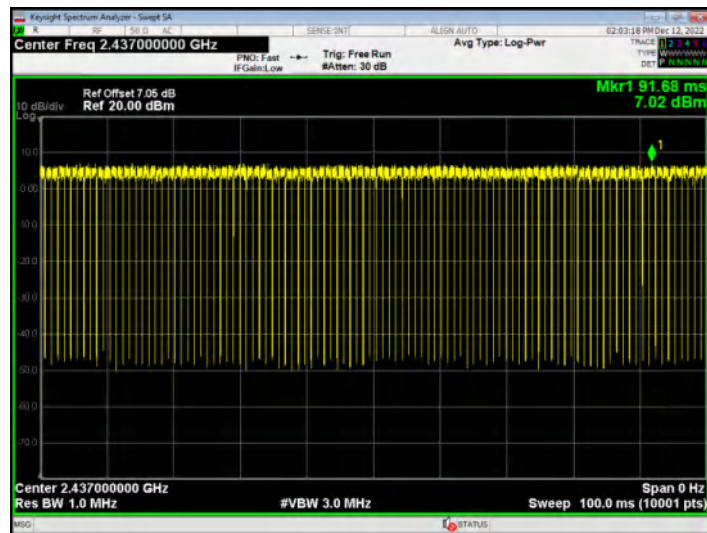
Duty Cycle NVNT ax40 2452MHz Ant2



Duty Cycle NVNT b 2412MHz Ant2



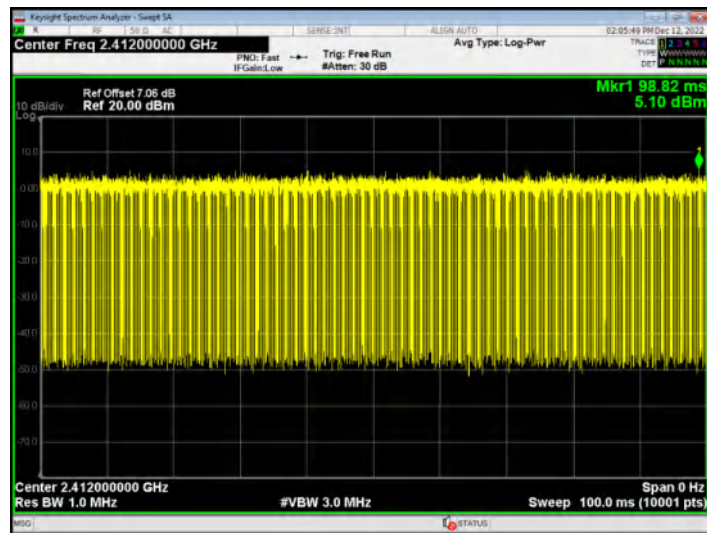
Duty Cycle NVNT b 2437MHz Ant2



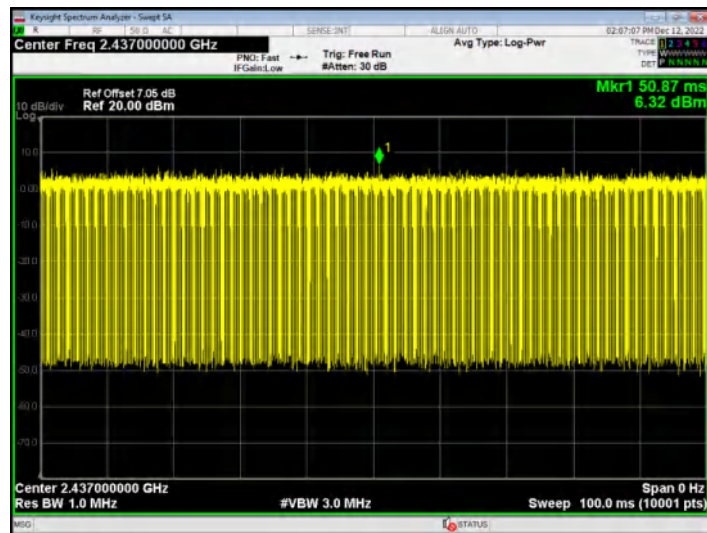
Duty Cycle NVNT b 2462MHz Ant2



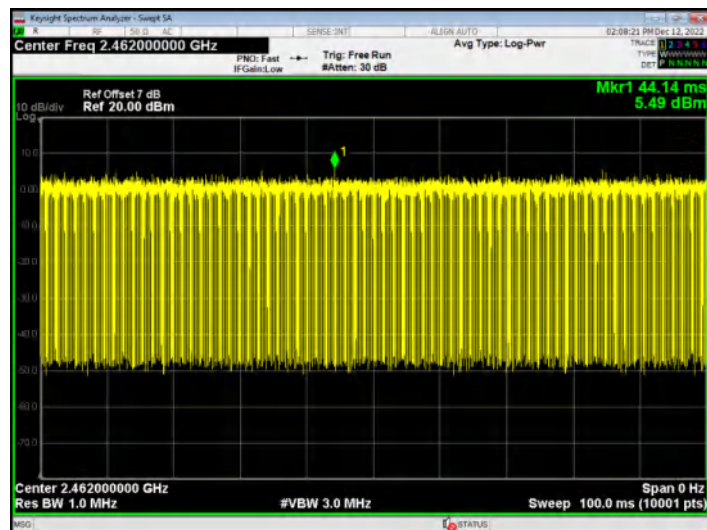
Duty Cycle NVNT g 2412MHz Ant2



Duty Cycle NVNT g 2437MHz Ant2



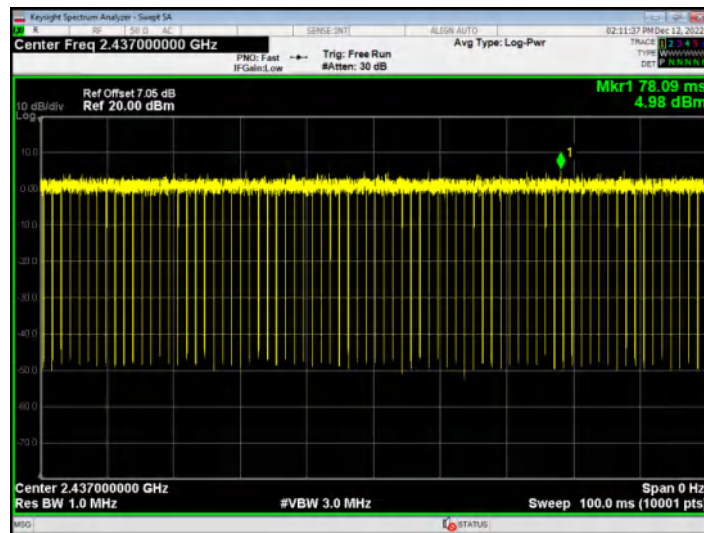
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Duty Cycle NVNT n20 2412MHz Ant2



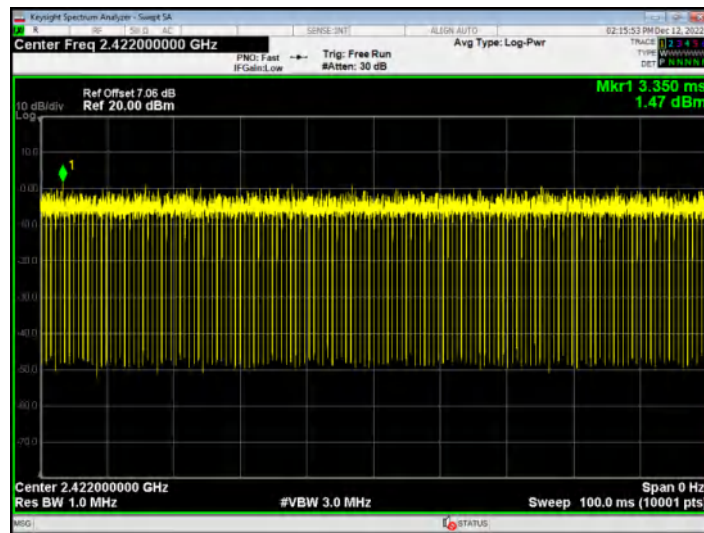
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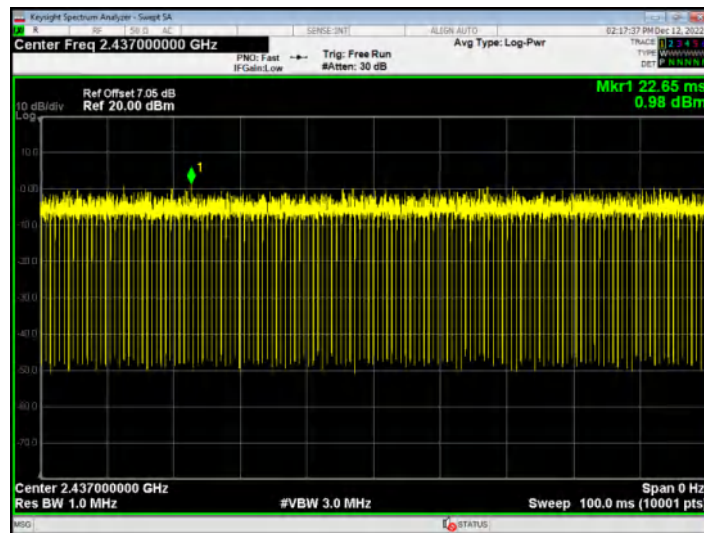
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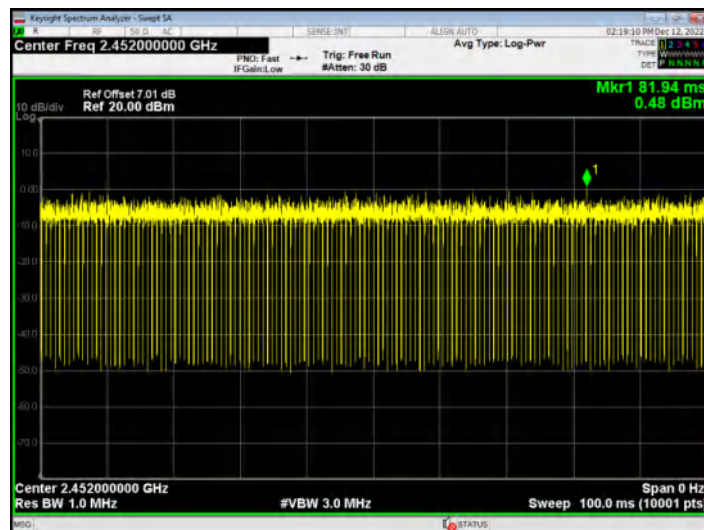
Duty Cycle NVNT n40 2422MHz Ant2



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	6.582	0.2	6.782	30	Pass
NVNT	ax20	2437	Ant1	6.887	0.21	7.097	30	Pass
NVNT	ax20	2462	Ant1	5.8	0.21	6.01	30	Pass
NVNT	ax40	2422	Ant1	6.904	0.38	7.284	30	Pass
NVNT	ax40	2437	Ant1	6.967	0.38	7.347	30	Pass
NVNT	ax40	2452	Ant1	6.397	0.38	6.777	30	Pass
NVNT	b	2412	Ant1	6.943	0.12	7.063	30	Pass
NVNT	b	2437	Ant1	7.238	0.11	7.348	30	Pass
NVNT	b	2462	Ant1	6.299	0.12	6.419	30	Pass
NVNT	g	2412	Ant1	6.107	0.71	6.817	30	Pass
NVNT	g	2437	Ant1	6.524	0.71	7.234	30	Pass
NVNT	g	2462	Ant1	5.503	0.71	6.213	30	Pass
NVNT	n20	2412	Ant1	6.695	0.11	6.805	30	Pass
NVNT	n20	2437	Ant1	7.004	0.11	7.114	30	Pass
NVNT	n20	2462	Ant1	5.828	0.11	5.938	30	Pass
NVNT	n40	2422	Ant1	7.218	0.21	7.428	30	Pass
NVNT	n40	2437	Ant1	7.205	0.21	7.415	30	Pass
NVNT	n40	2452	Ant1	6.611	0.21	6.821	30	Pass

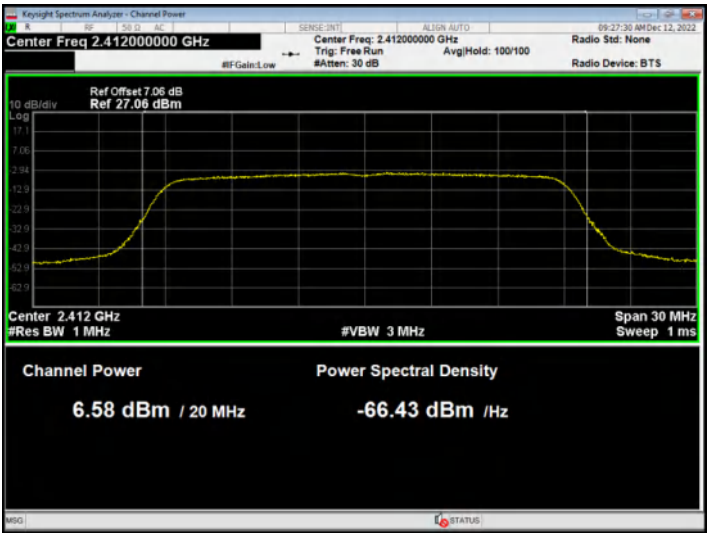
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	ax20	2412	Ant2	7.049	0.21	7.259	30	Pass
NVNT	ax20	2437	Ant2	7.323	0.21	7.533	30	Pass
NVNT	ax20	2462	Ant2	6.299	0.21	6.509	30	Pass
NVNT	ax40	2422	Ant2	7.282	0.38	7.662	30	Pass
NVNT	ax40	2437	Ant2	7.392	0.38	7.772	30	Pass
NVNT	ax40	2452	Ant2	6.784	0.38	7.164	30	Pass
NVNT	b	2412	Ant2	7.143	0.12	7.263	30	Pass
NVNT	b	2437	Ant2	7.715	0.12	7.835	30	Pass
NVNT	b	2462	Ant2	6.77	0.12	6.89	30	Pass
NVNT	g	2412	Ant2	6.618	0.71	7.328	30	Pass
NVNT	g	2437	Ant2	6.943	0.71	7.653	30	Pass
NVNT	g	2462	Ant2	5.892	0.71	6.602	30	Pass
NVNT	n20	2412	Ant2	7.233	0.11	7.343	30	Pass
NVNT	n20	2437	Ant2	7.442	0.11	7.552	30	Pass
NVNT	n20	2462	Ant2	6.42	0.11	6.53	30	Pass
NVNT	n40	2422	Ant2	7.466	0.21	7.676	30	Pass
NVNT	n40	2437	Ant2	7.551	0.21	7.761	30	Pass
NVNT	n40	2452	Ant2	7.001	0.21	7.211	30	Pass

For MIMO Mode

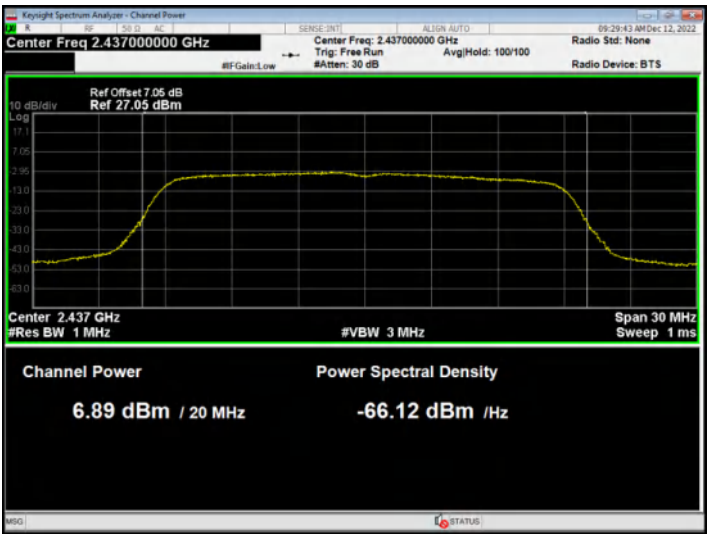
Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
ax20	2412	Ant1+2	10.04	30	Pass
ax20	2437	Ant1+2	10.33	30	Pass
ax20	2462	Ant1+2	9.28	30	Pass
ax40	2422	Ant1+2	10.49	30	Pass
ax40	2437	Ant1+2	10.57	30	Pass
ax40	2452	Ant1+2	9.99	30	Pass
n20	2412	Ant1+2	10.09	30	Pass
n20	2437	Ant1+2	10.35	30	Pass
n20	2462	Ant1+2	9.25	30	Pass
n40	2422	Ant1+2	10.56	30	Pass
n40	2437	Ant1+2	10.60	30	Pass
n40	2452	Ant1+2	10.03	30	Pass

Ant1:

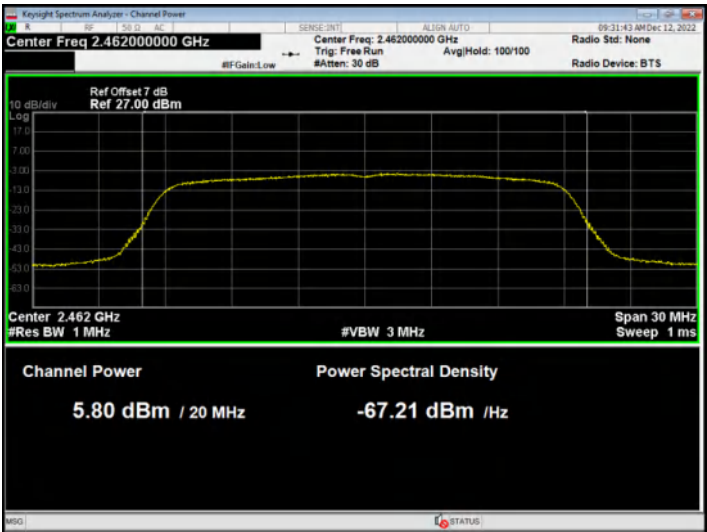
Power NVNT ax20 2412MHz Ant1



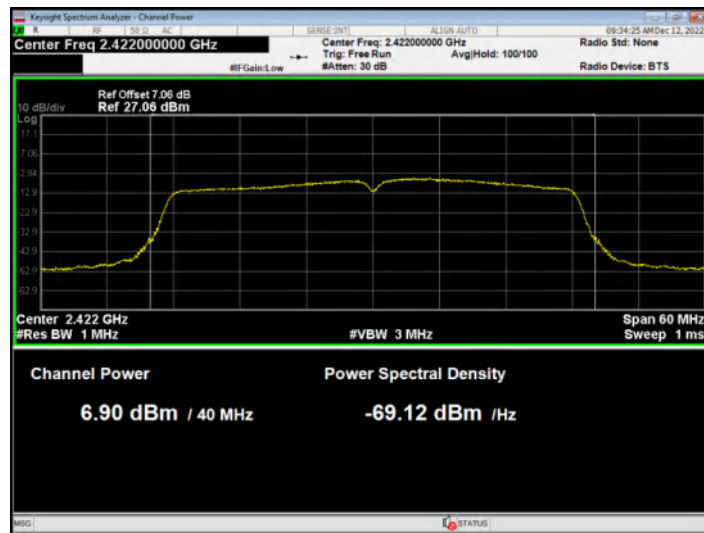
Power NVNT ax20 2437MHz Ant1



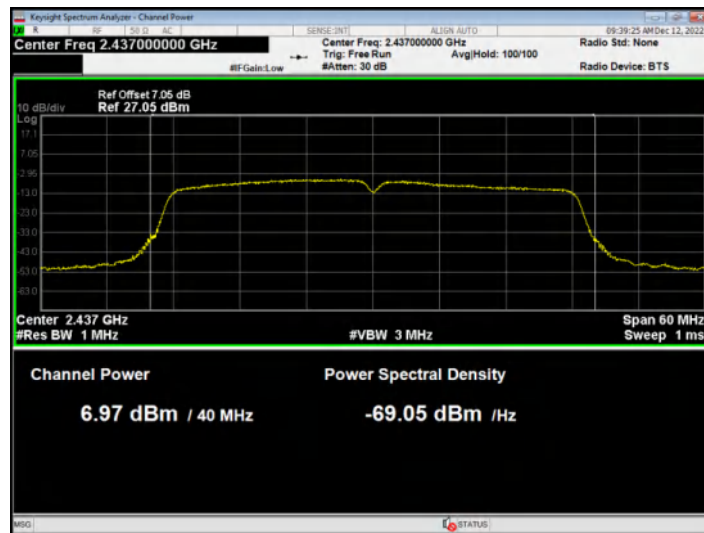
Power NVNT ax20 2462MHz Ant1



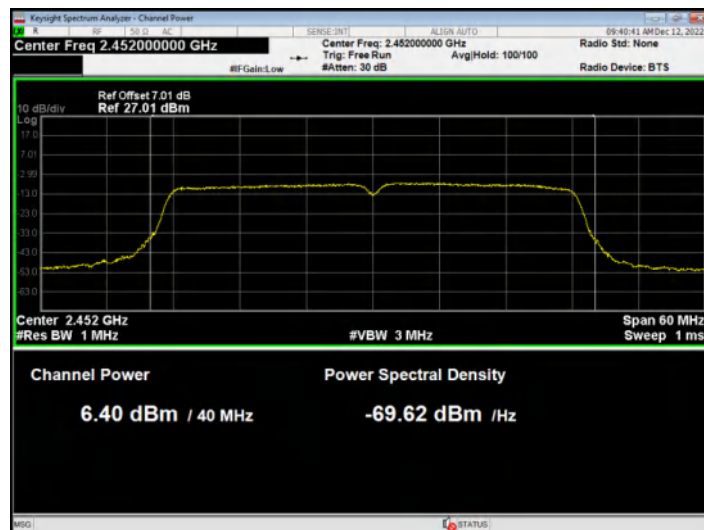
Power NVNT ax40 2422MHz Ant1



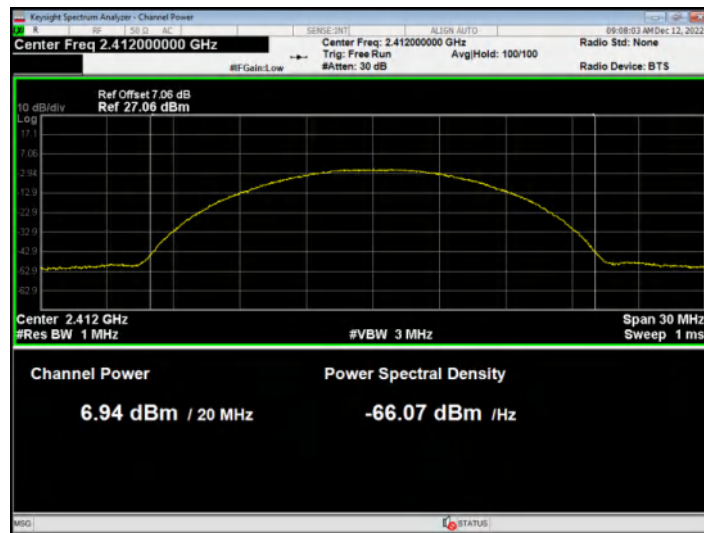
Power NVNT ax40 2437MHz Ant1



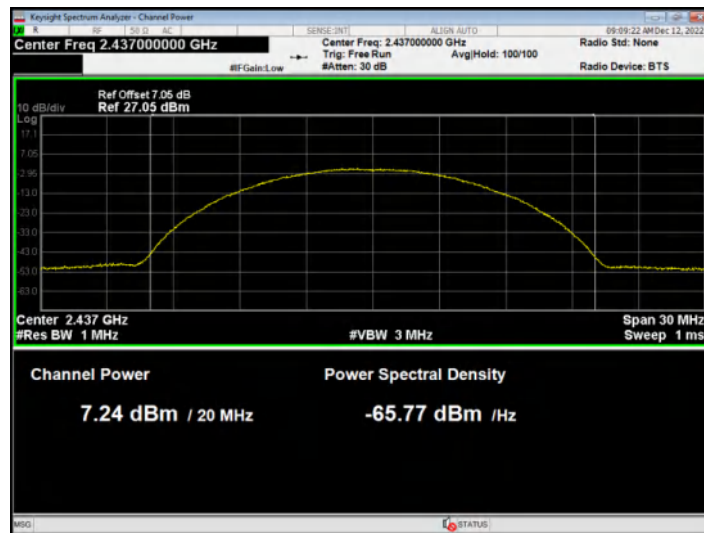
Power NVNT ax40 2452MHz Ant1



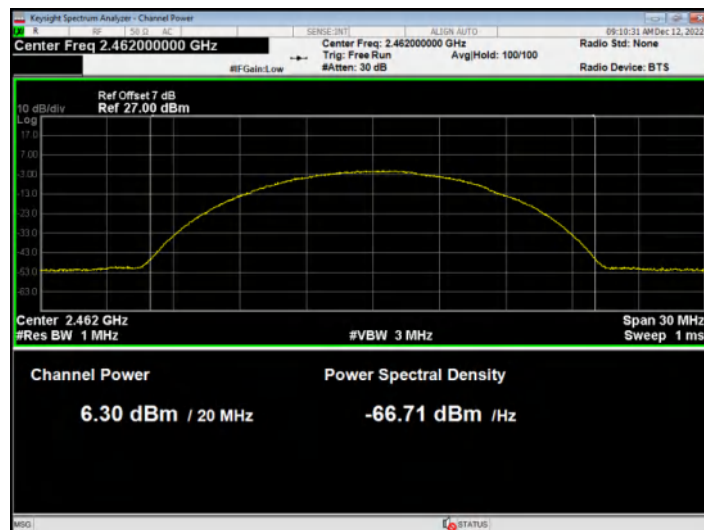
Power NVNT b 2412MHz Ant1



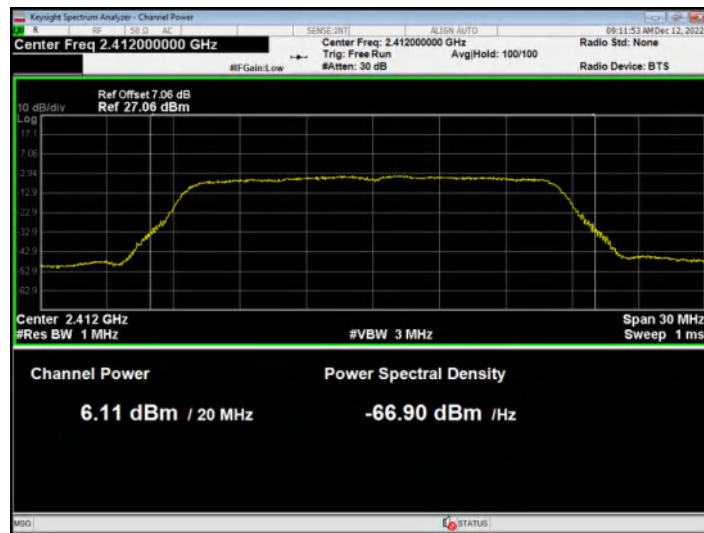
Power NVNT b 2437MHz Ant1



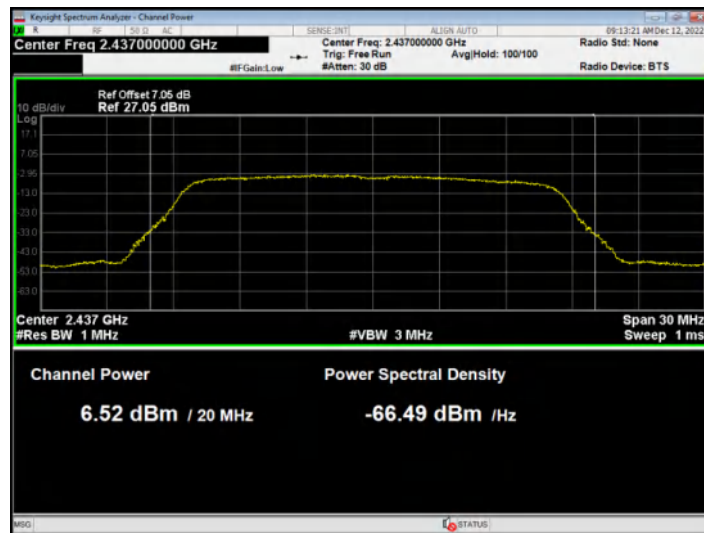
Power NVNT b 2462MHz Ant1



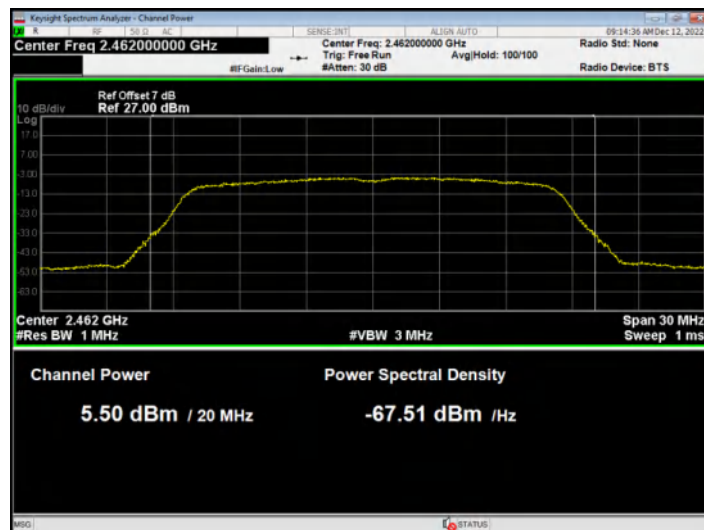
Power NVNT g 2412MHz Ant1



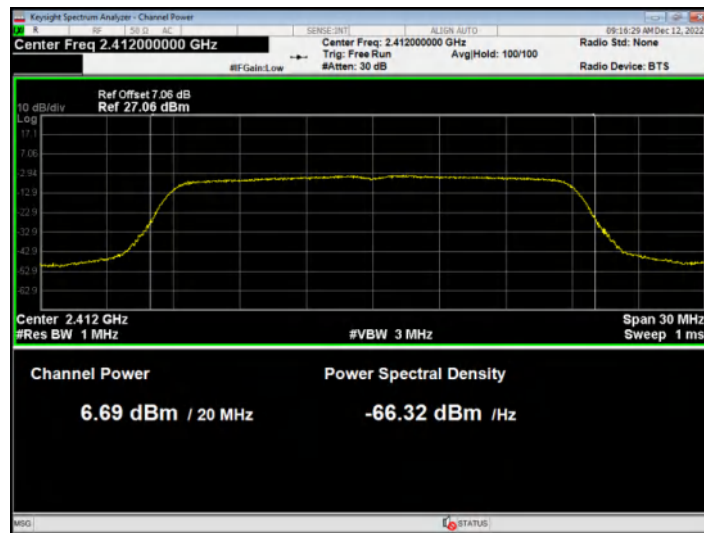
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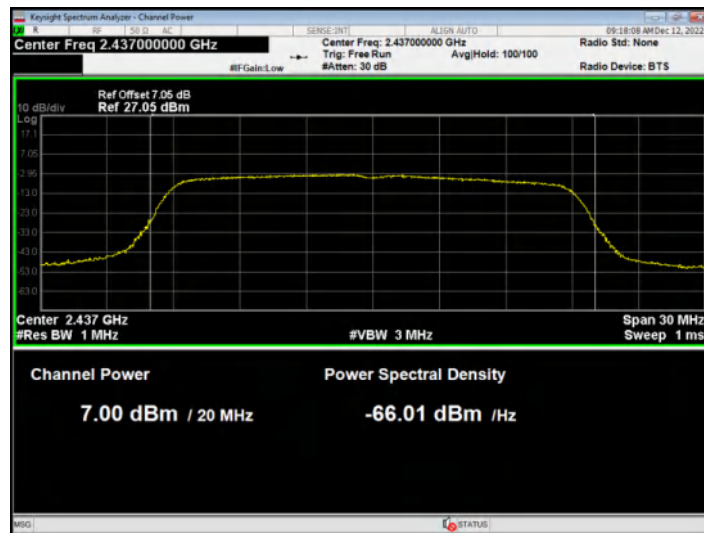
Power NVNT g 2462MHz Ant1



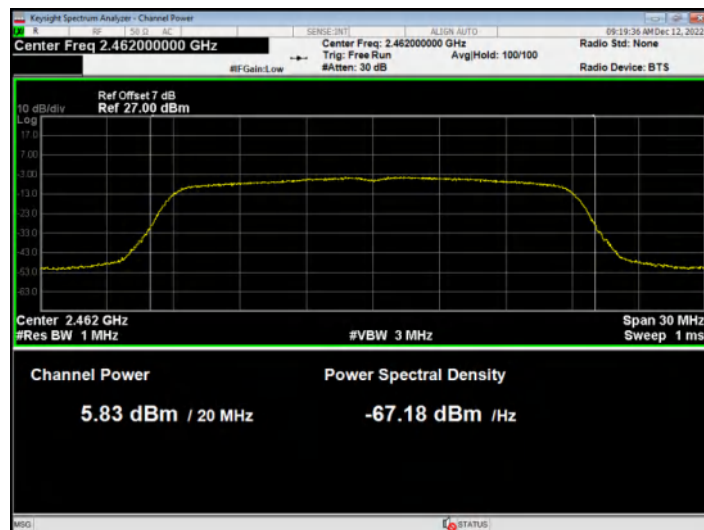
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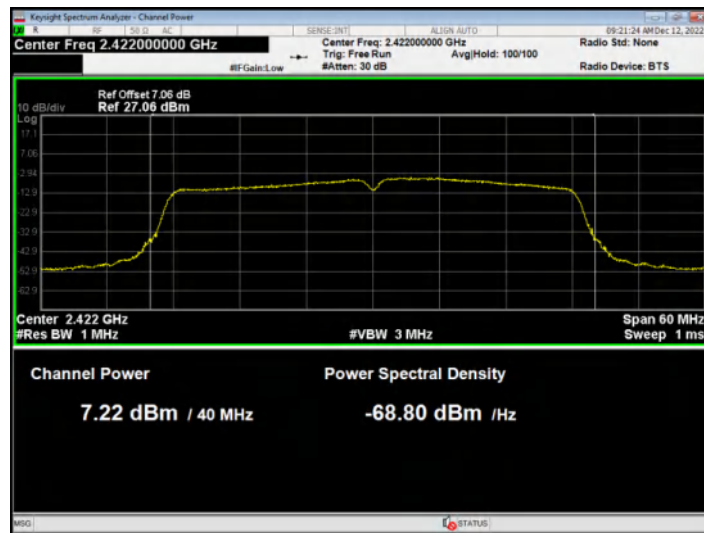
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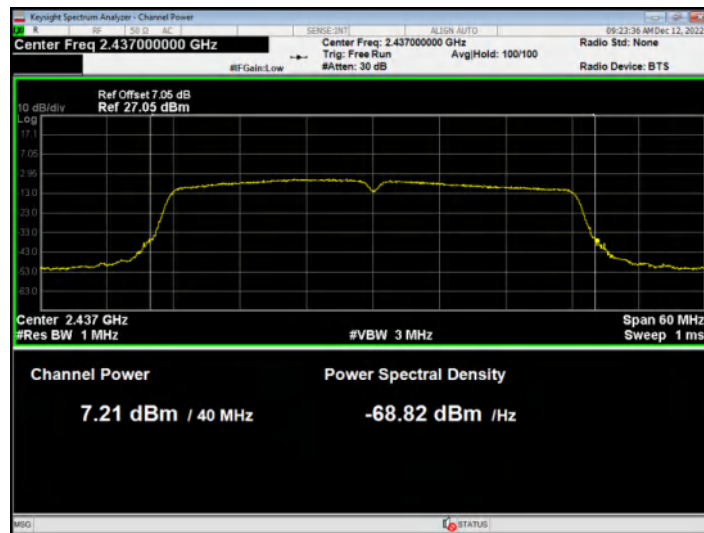
Power NVNT n20 2462MHz Ant1



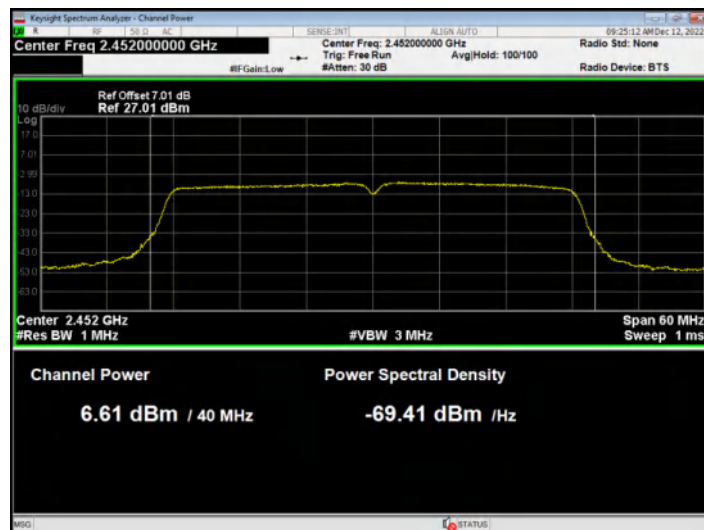
Power NVNT n40 2422MHz Ant1



Power NVNT n40 2437MHz Ant1

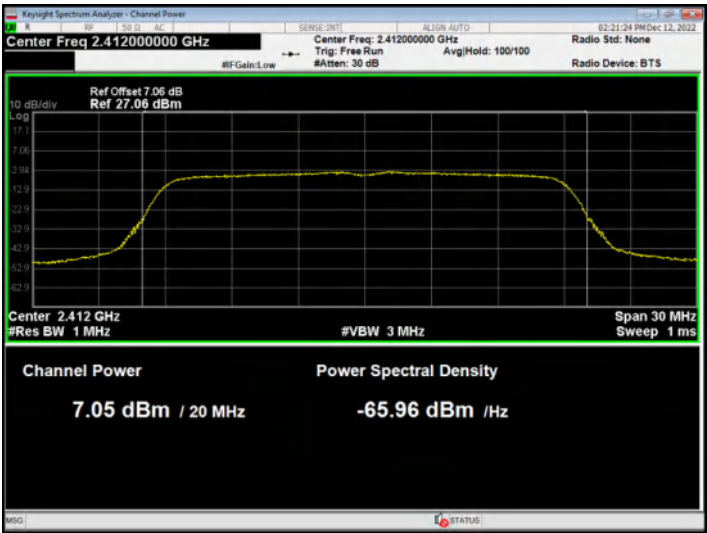


Power NVNT n40 2452MHz Ant1

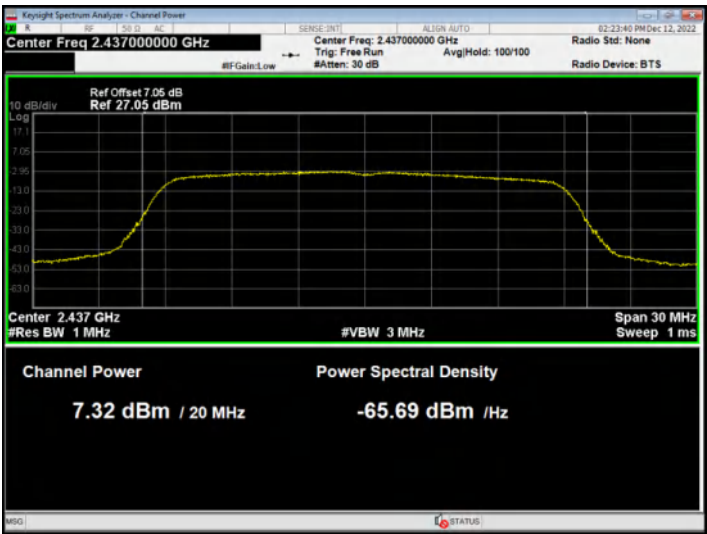


Ant2:

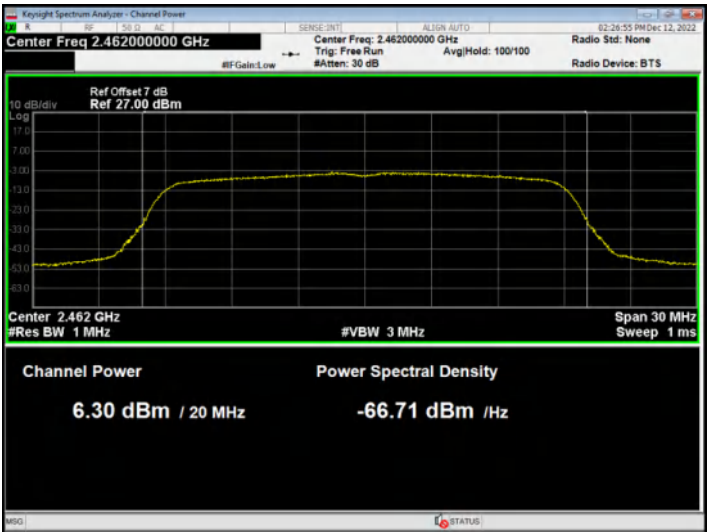
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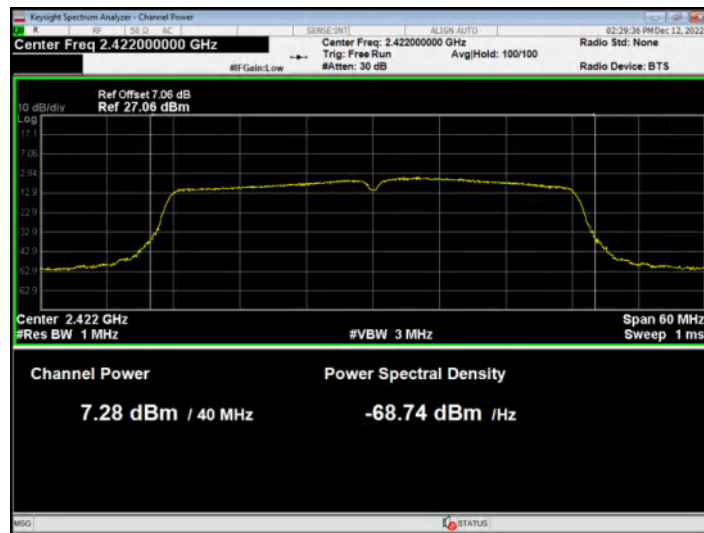
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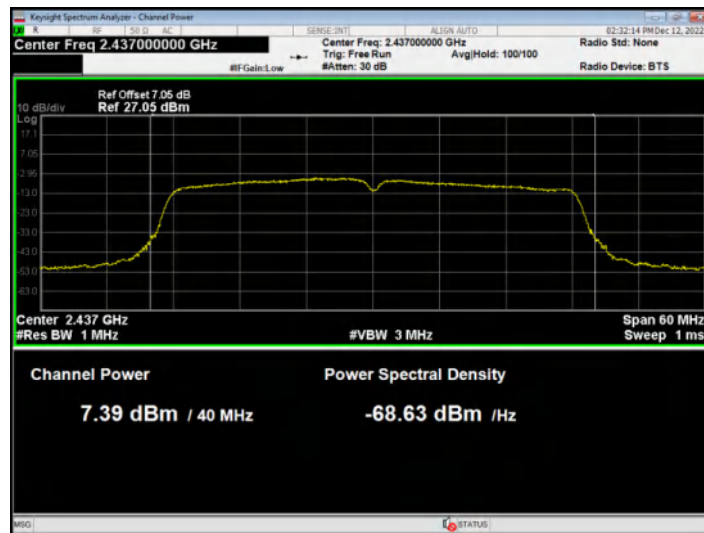
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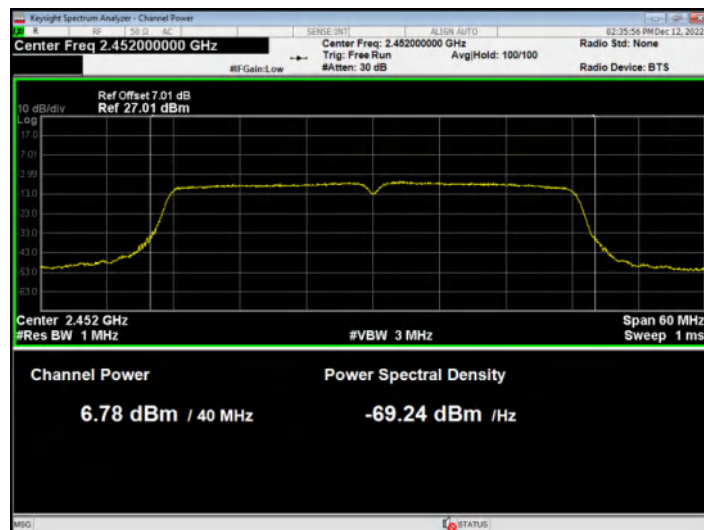
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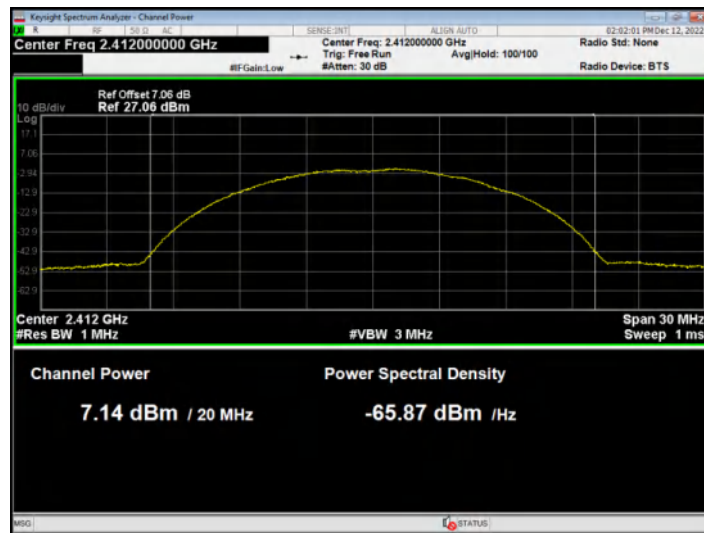
Power NVNT ax40 2437MHz Ant2



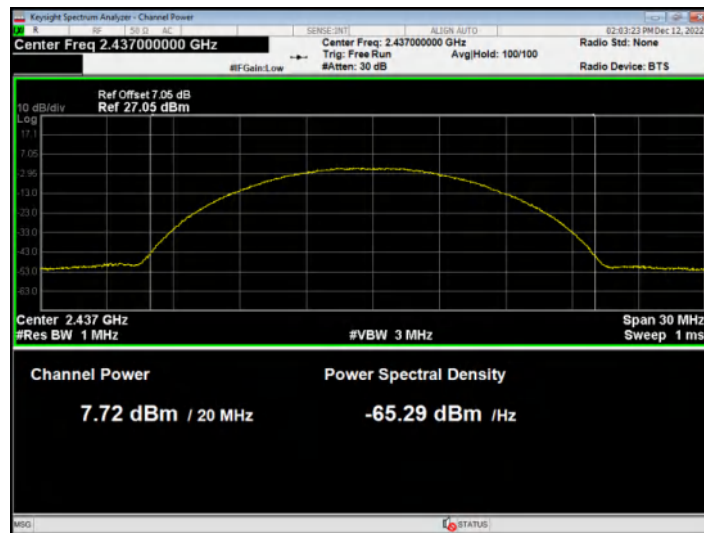
Power NVNT ax40 2452MHz Ant2



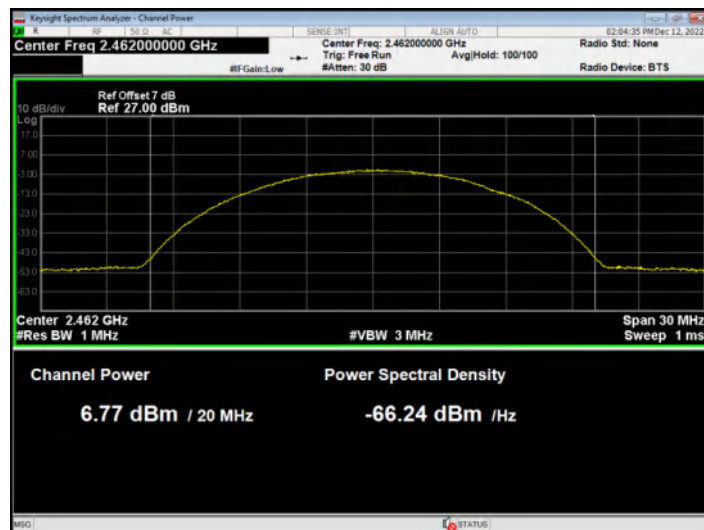
Power NVNT b 2412MHz Ant2



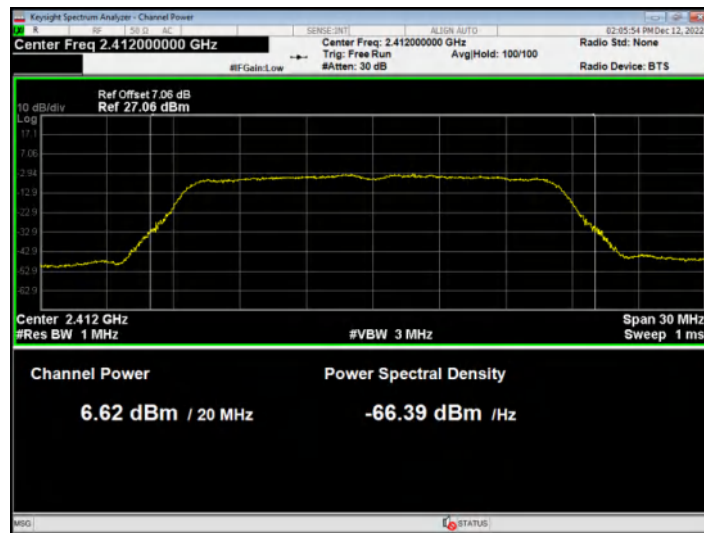
Power NVNT b 2437MHz Ant2



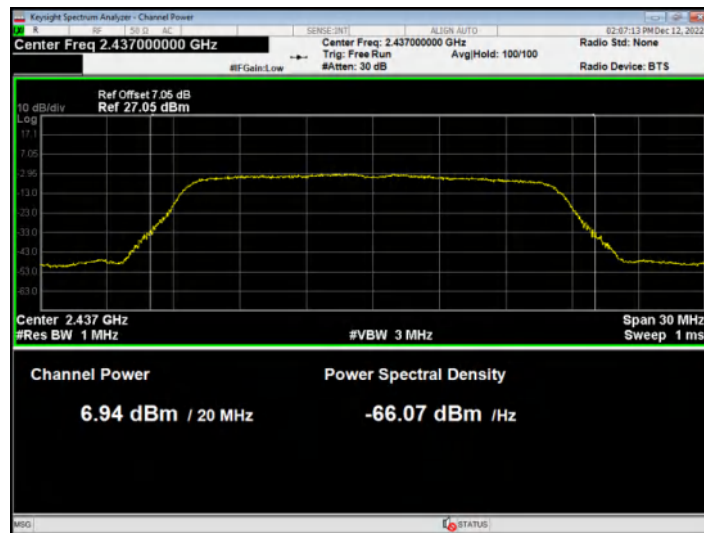
Power NVNT b 2462MHz Ant2



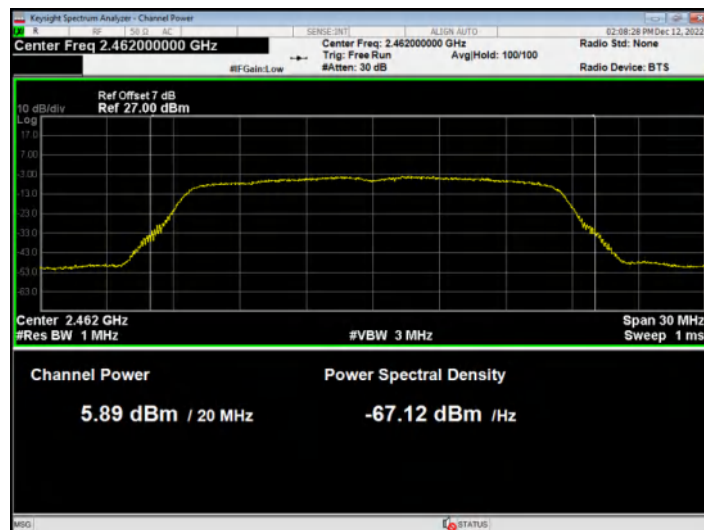
Power NVNT g 2412MHz Ant2



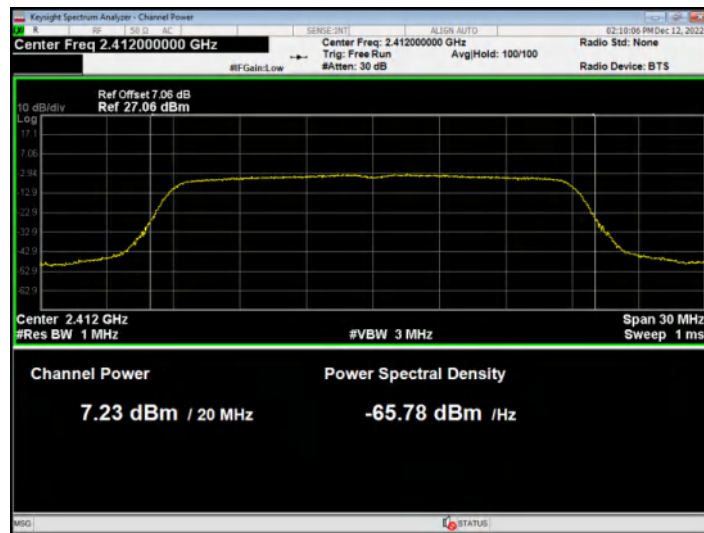
Power NVNT g 2437MHz Ant2



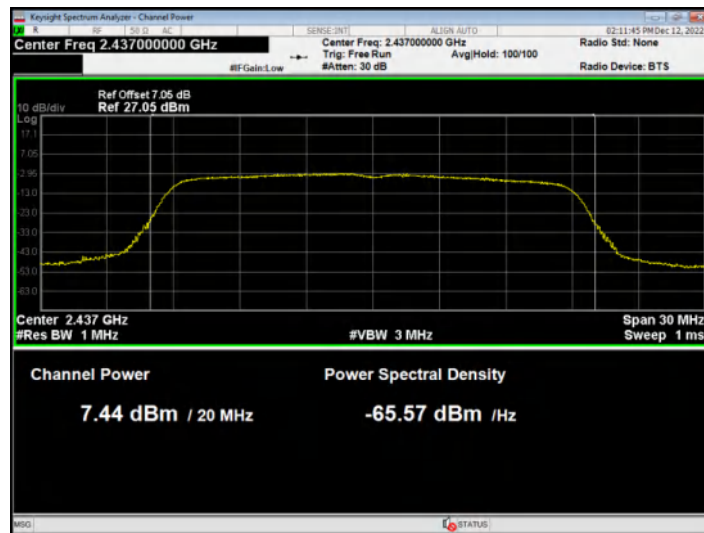
Power NVNT g 2462MHz Ant2



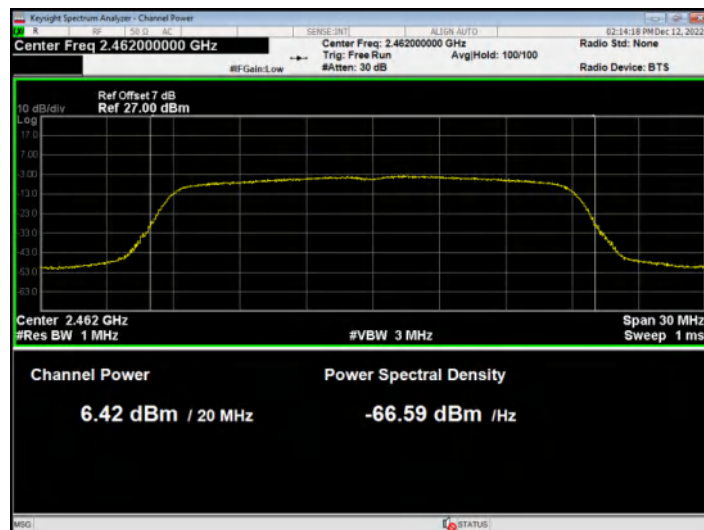
Power NVNT n20 2412MHz Ant2



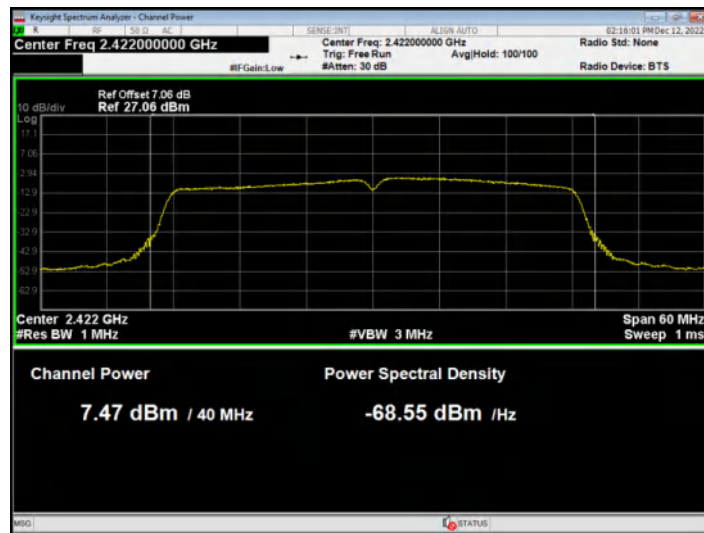
Power NVNT n20 2437MHz Ant2



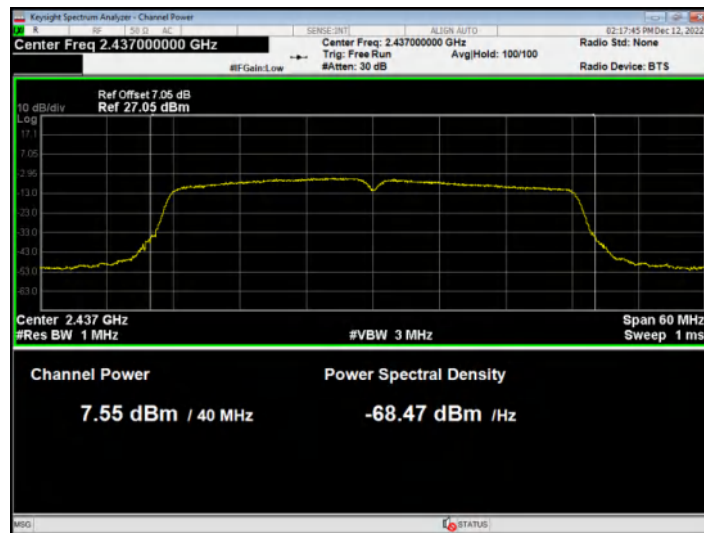
Power NVNT n20 2462MHz Ant2



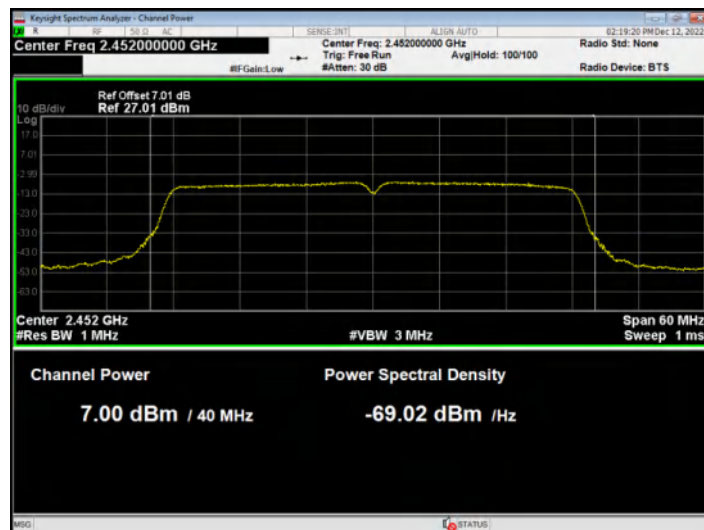
Power NVNT n40 2422MHz Ant2



Power NVNT n40 2437MHz Ant2



Power NVNT n40 2452MHz Ant2



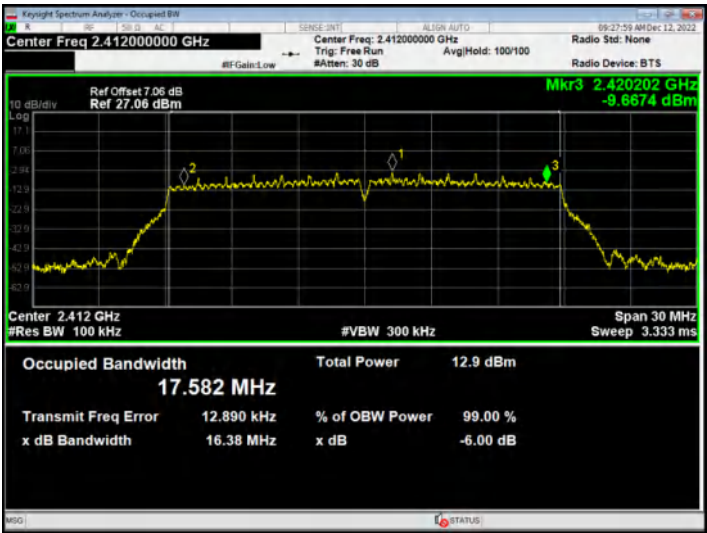
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	ax20	2412	Ant1	16.377	0.5	Pass
NVNT	ax20	2437	Ant1	15.935	0.5	Pass
NVNT	ax20	2462	Ant1	15.034	0.5	Pass
NVNT	ax40	2422	Ant1	35.014	0.5	Pass
NVNT	ax40	2437	Ant1	35.069	0.5	Pass
NVNT	ax40	2452	Ant1	35.398	0.5	Pass
NVNT	b	2412	Ant1	7.753	0.5	Pass
NVNT	b	2437	Ant1	7.463	0.5	Pass
NVNT	b	2462	Ant1	8.284	0.5	Pass
NVNT	g	2412	Ant1	16.359	0.5	Pass
NVNT	g	2437	Ant1	15.722	0.5	Pass
NVNT	g	2462	Ant1	15.126	0.5	Pass
NVNT	n20	2412	Ant1	16.345	0.5	Pass
NVNT	n20	2437	Ant1	16.024	0.5	Pass
NVNT	n20	2462	Ant1	15.09	0.5	Pass
NVNT	n40	2422	Ant1	33.756	0.5	Pass
NVNT	n40	2437	Ant1	33.849	0.5	Pass
NVNT	n40	2452	Ant1	35.635	0.5	Pass

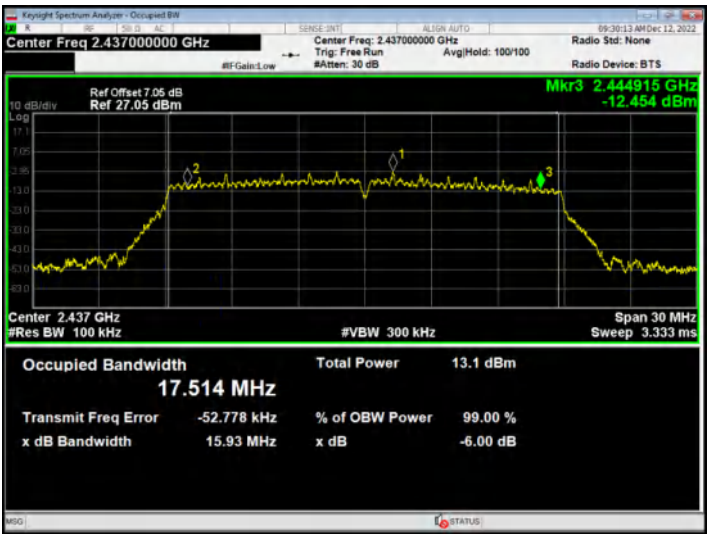
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	ax20	2412	Ant2	17.36	0.5	Pass
NVNT	ax20	2437	Ant2	15.702	0.5	Pass
NVNT	ax20	2462	Ant2	15.116	0.5	Pass
NVNT	ax40	2422	Ant2	35.065	0.5	Pass
NVNT	ax40	2437	Ant2	33.814	0.5	Pass
NVNT	ax40	2452	Ant2	35.143	0.5	Pass
NVNT	b	2412	Ant2	8.052	0.5	Pass
NVNT	b	2437	Ant2	7.955	0.5	Pass
NVNT	b	2462	Ant2	7.926	0.5	Pass
NVNT	g	2412	Ant2	16.014	0.5	Pass
NVNT	g	2437	Ant2	15.741	0.5	Pass
NVNT	g	2462	Ant2	16.156	0.5	Pass
NVNT	n20	2412	Ant2	15.589	0.5	Pass
NVNT	n20	2437	Ant2	16.035	0.5	Pass
NVNT	n20	2462	Ant2	14.436	0.5	Pass
NVNT	n40	2422	Ant2	33.798	0.5	Pass
NVNT	n40	2437	Ant2	35.055	0.5	Pass
NVNT	n40	2452	Ant2	35.653	0.5	Pass

Ant1:

-6dB Bandwidth NVNT ax20 2412MHz Ant1



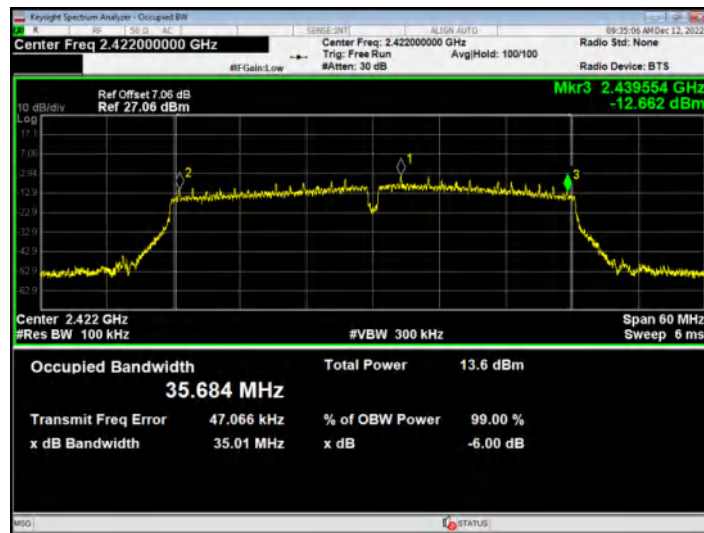
-6dB Bandwidth NVNT ax20 2437MHz Ant1



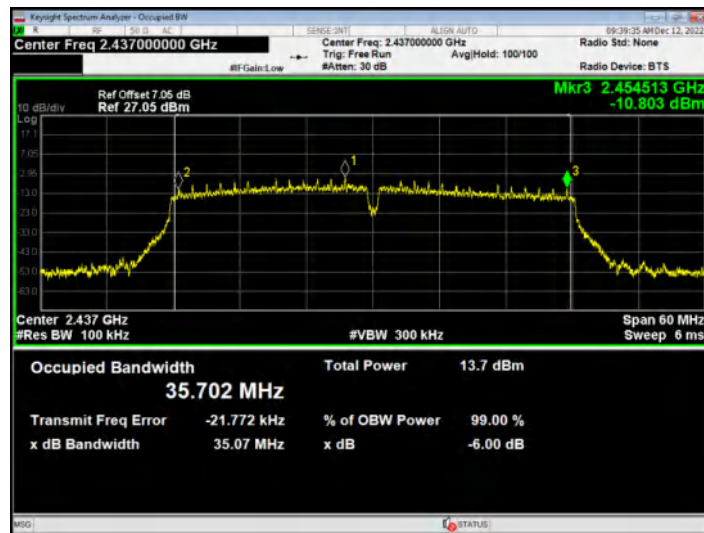
-6dB Bandwidth NVNT ax20 2462MHz Ant1



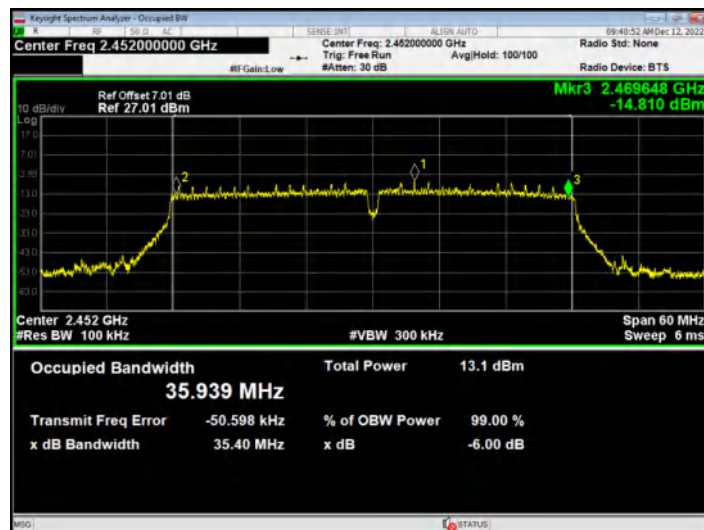
-6dB Bandwidth NVNT ax40 2422MHz Ant1



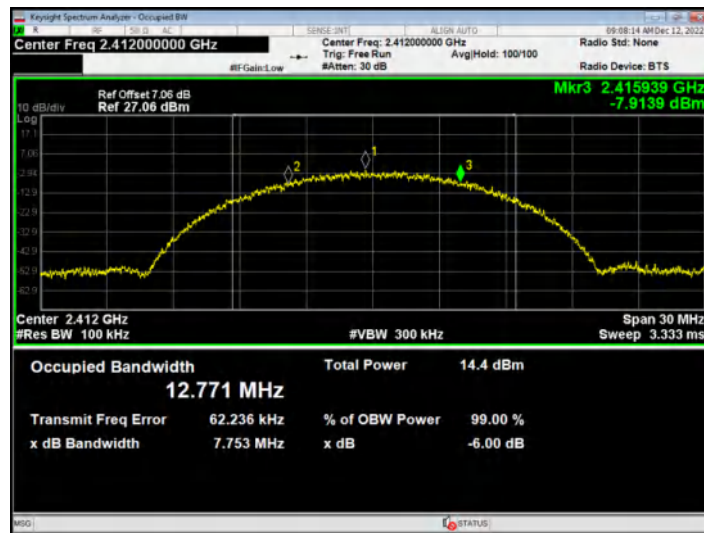
-6dB Bandwidth NVNT ax40 2437MHz Ant1



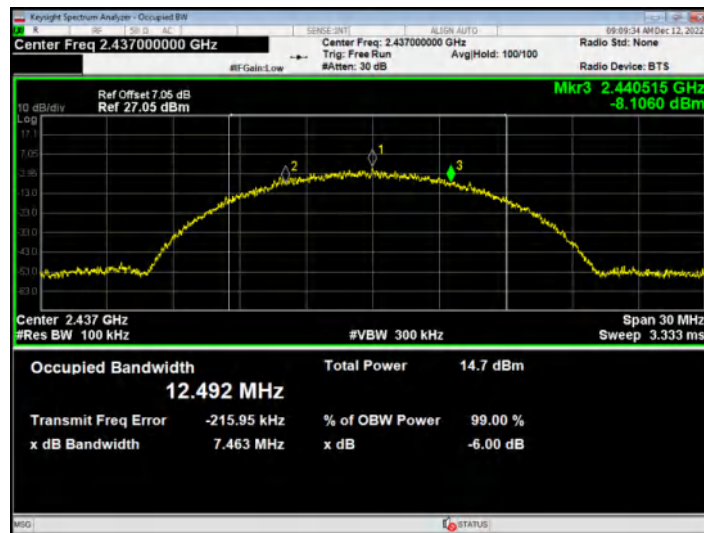
-6dB Bandwidth NVNT ax40 2452MHz Ant1



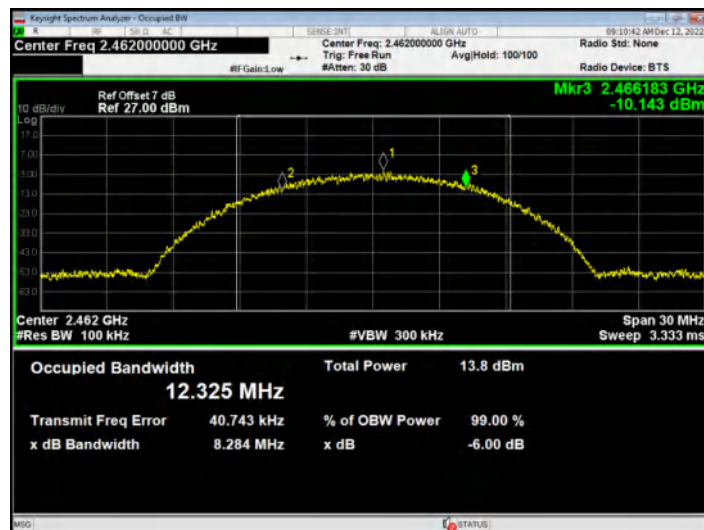
-6dB Bandwidth NVNT b 2412MHz Ant1



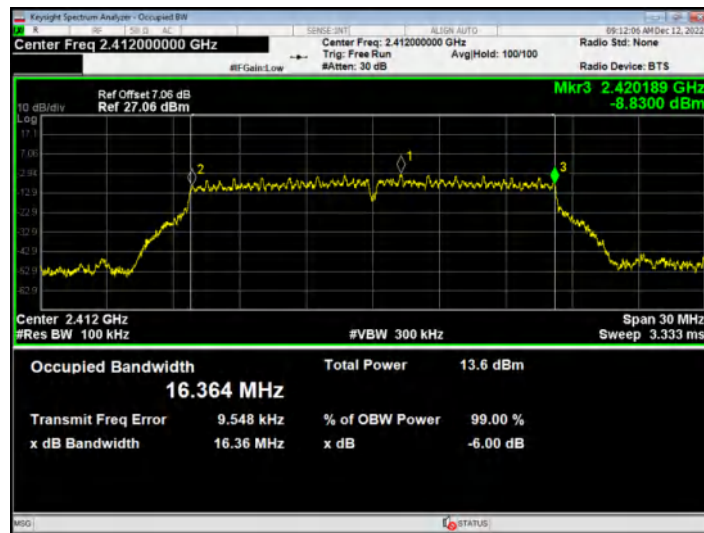
-6dB Bandwidth NVNT b 2437MHz Ant1



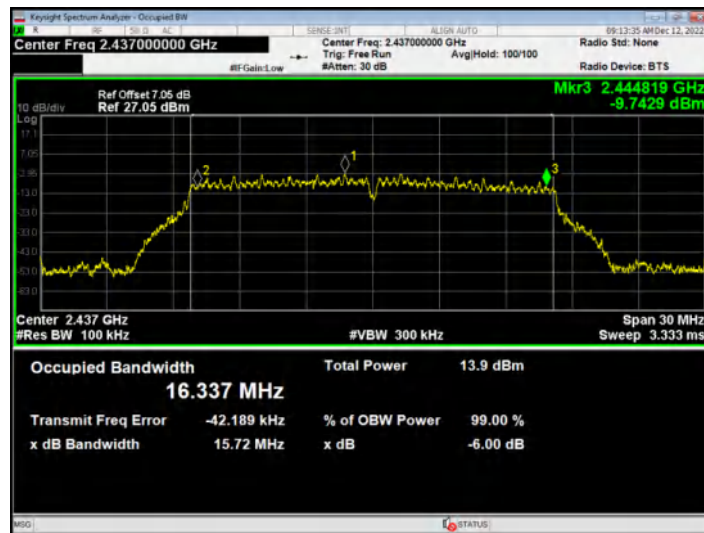
-6dB Bandwidth NVNT b 2462MHz Ant1



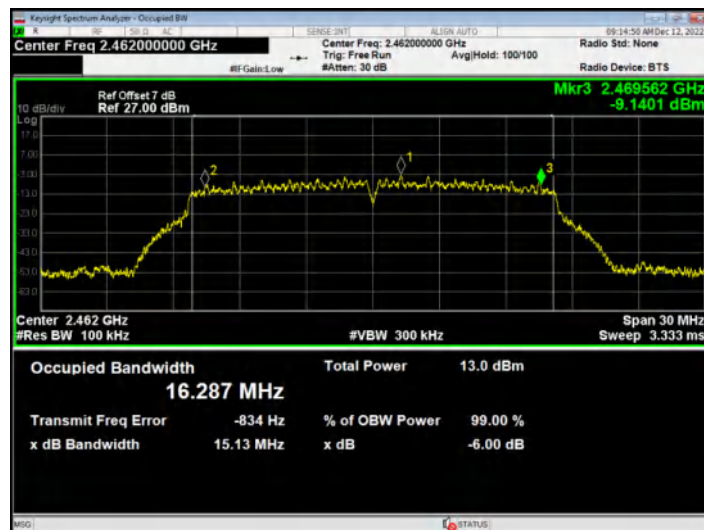
-6dB Bandwidth NVNT g 2412MHz Ant1



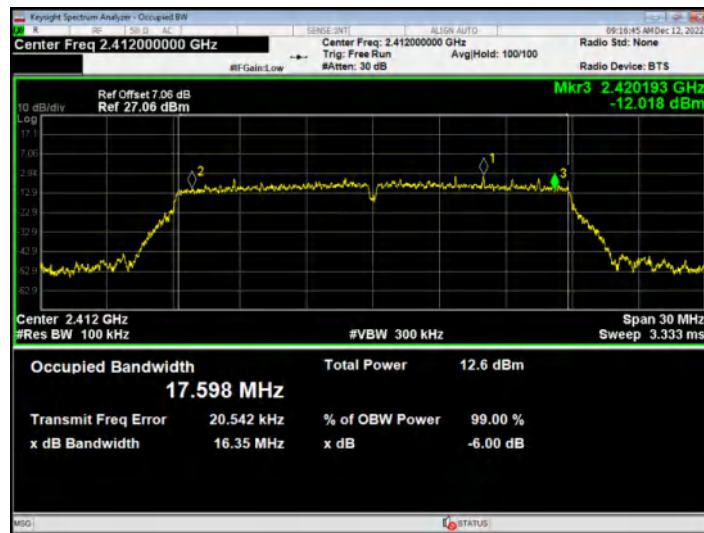
-6dB Bandwidth NVNT g 2437MHz Ant1



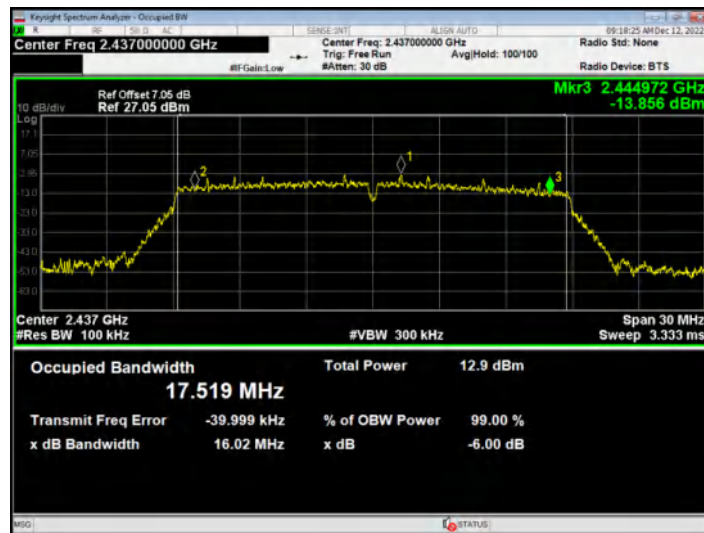
-6dB Bandwidth NVNT g 2462MHz Ant1



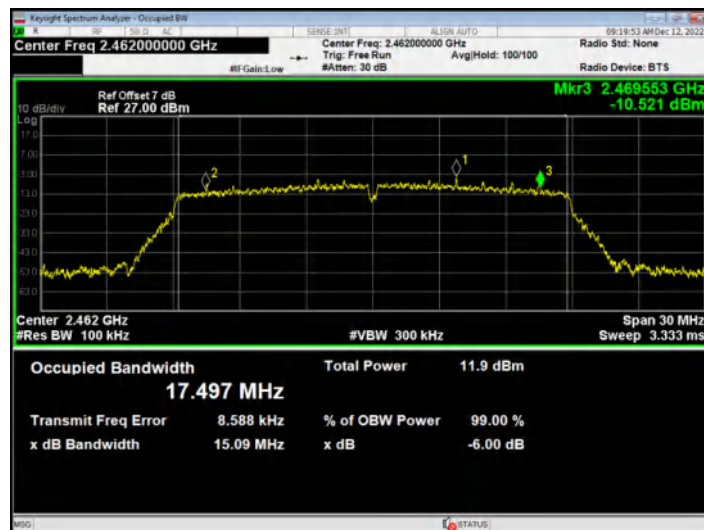
-6dB Bandwidth NVNT n20 2412MHz Ant1



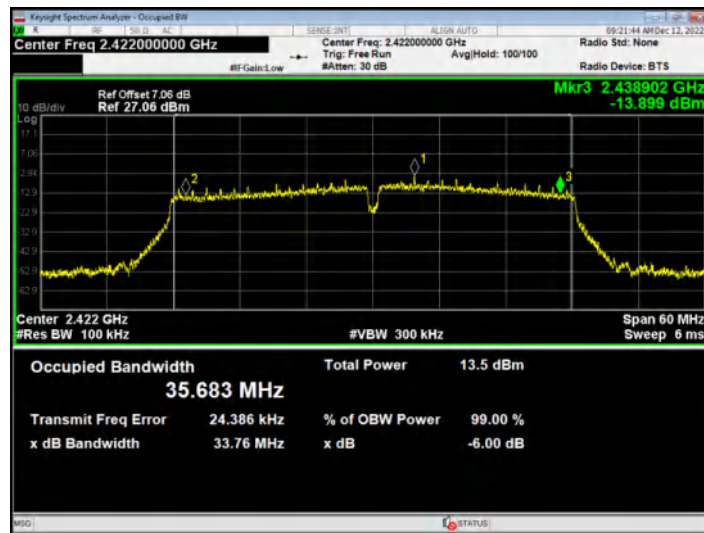
-6dB Bandwidth NVNT n20 2437MHz Ant1



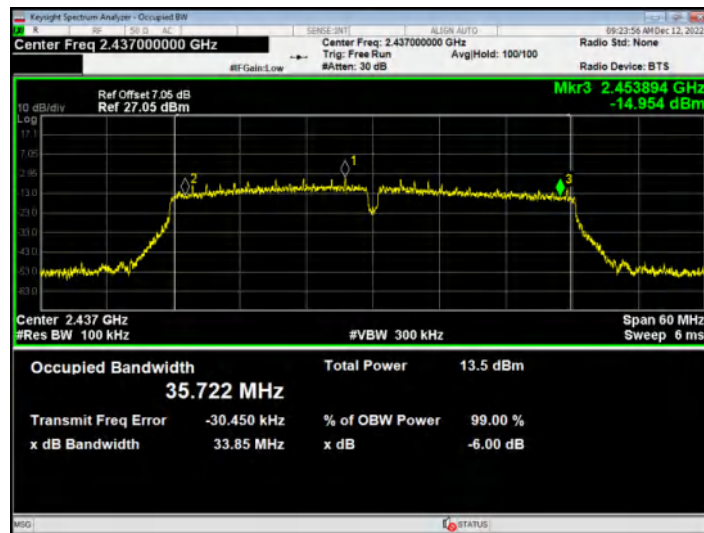
-6dB Bandwidth NVNT n20 2462MHz Ant1



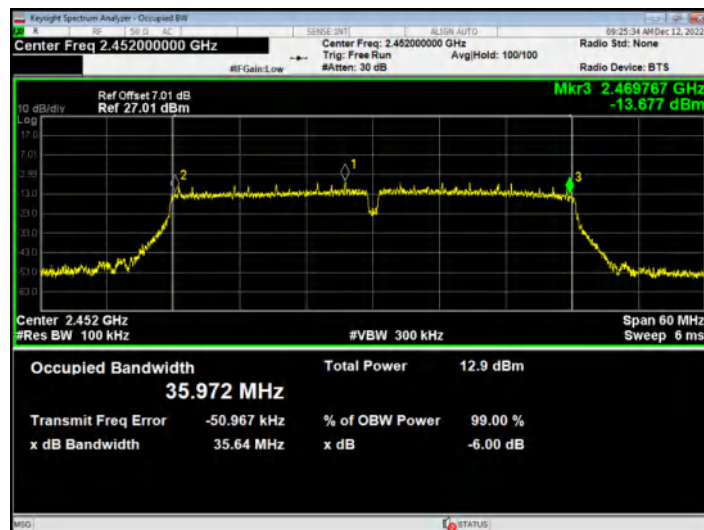
-6dB Bandwidth NVNT n40 2422MHz Ant1



-6dB Bandwidth NVNT n40 2437MHz Ant1

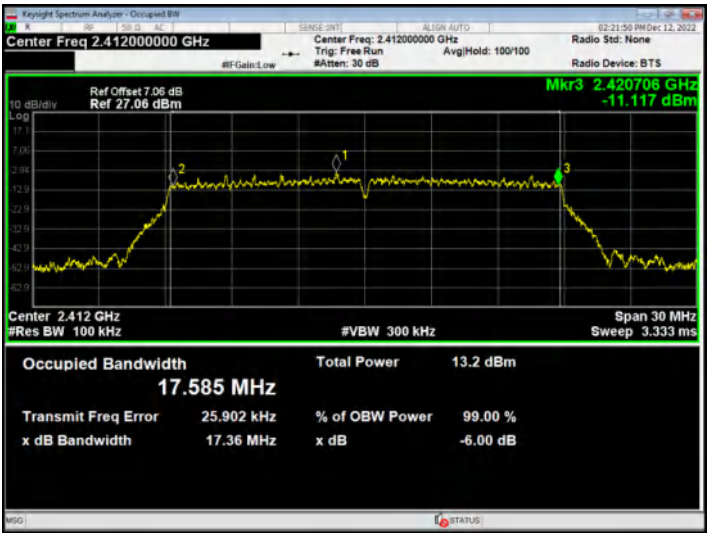


-6dB Bandwidth NVNT n40 2452MHz Ant1

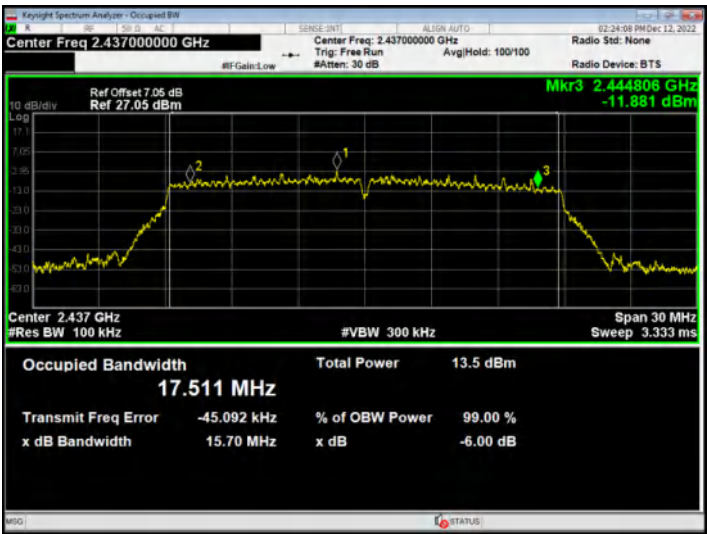


Ant2:

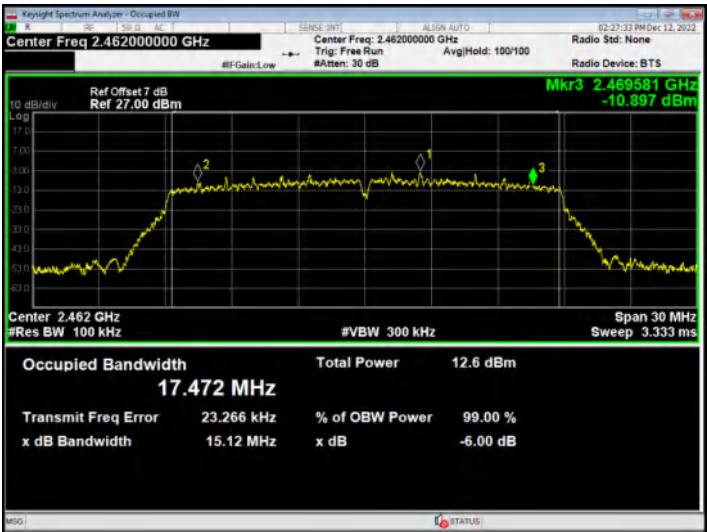
-6dB Bandwidth NVNT ax20 2412MHz Ant2



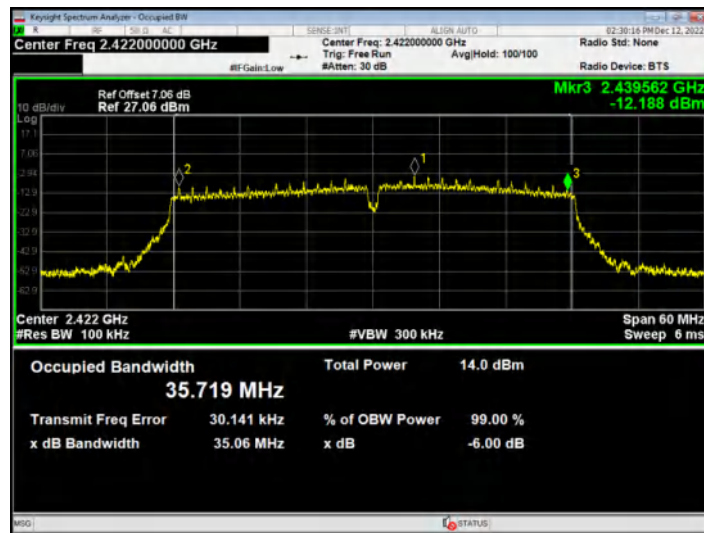
-6dB Bandwidth NVNT ax20 2437MHz Ant2



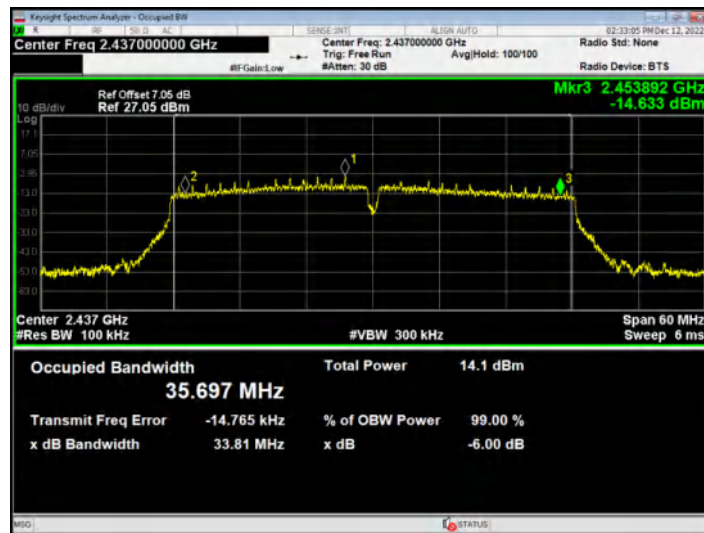
-6dB Bandwidth NVNT ax20 2462MHz Ant2



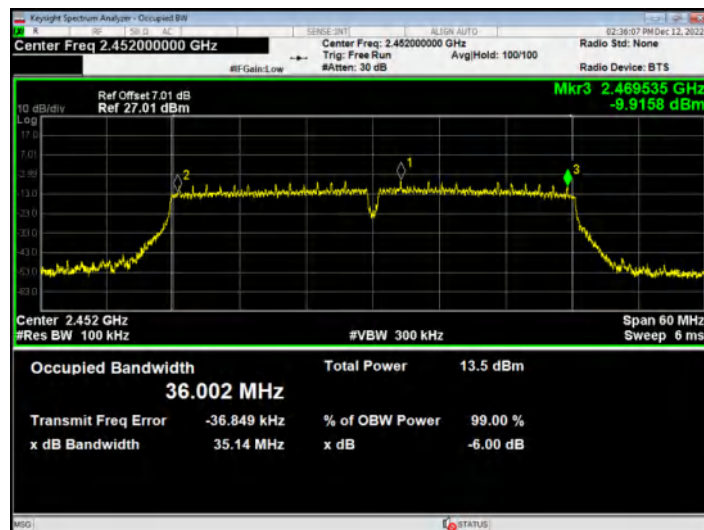
-6dB Bandwidth NVNT ax40 2422MHz Ant2



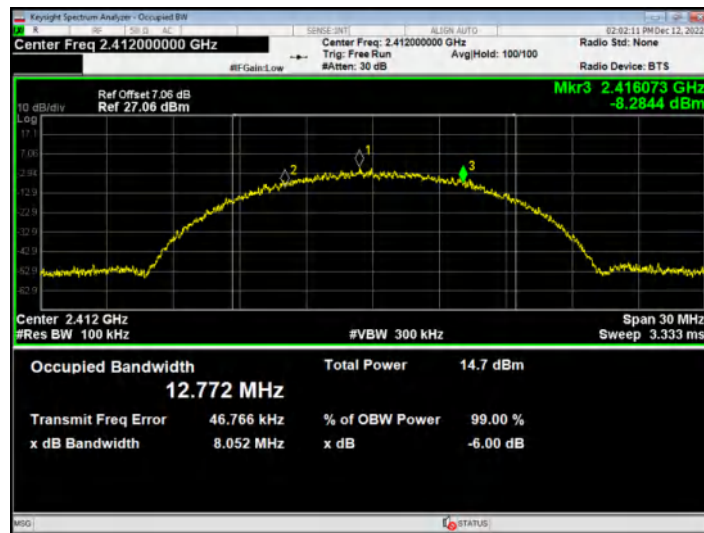
-6dB Bandwidth NVNT ax40 2437MHz Ant2



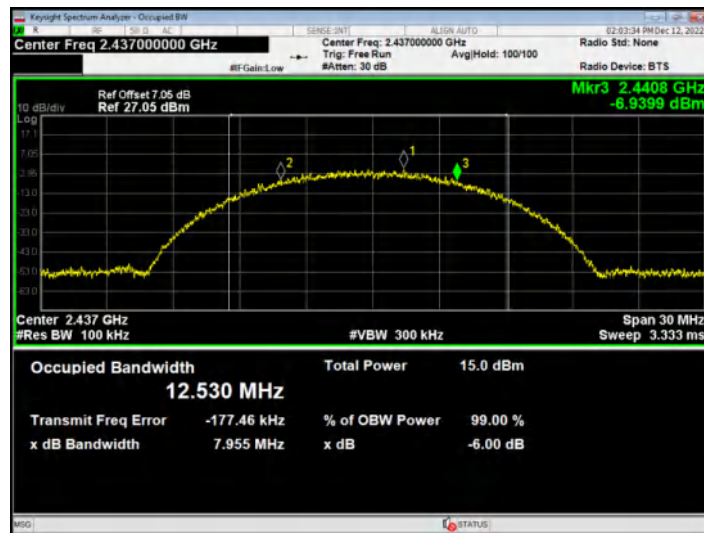
-6dB Bandwidth NVNT ax40 2452MHz Ant2



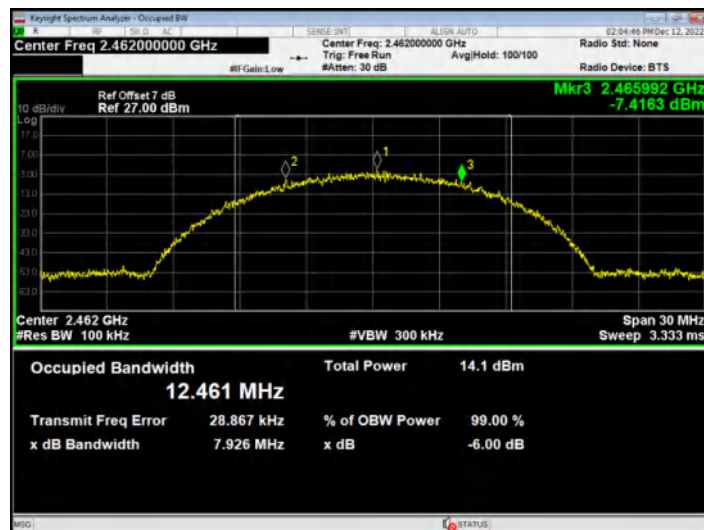
-6dB Bandwidth NVNT b 2412MHz Ant2



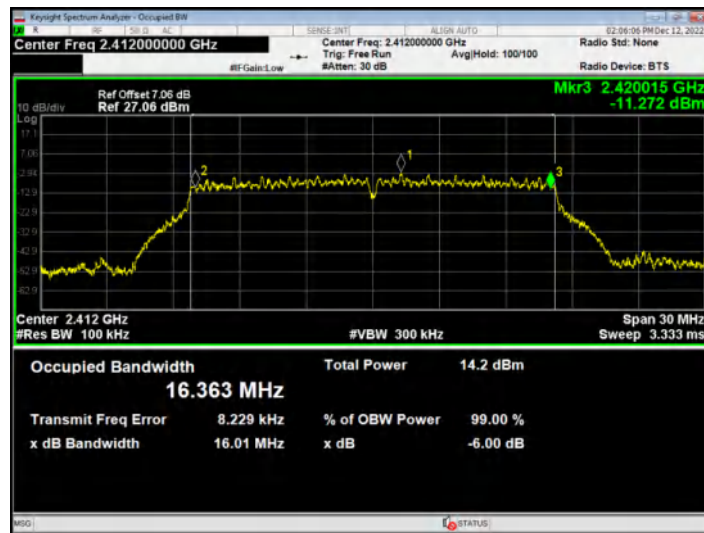
-6dB Bandwidth NVNT b 2437MHz Ant2



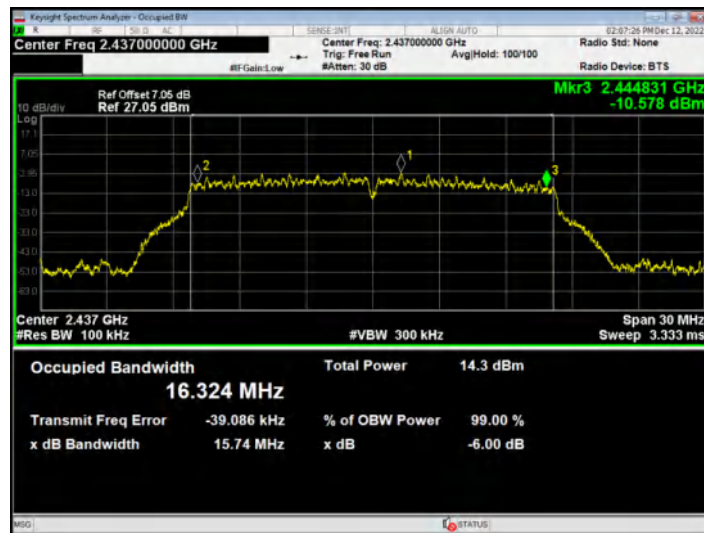
-6dB Bandwidth NVNT b 2462MHz Ant2



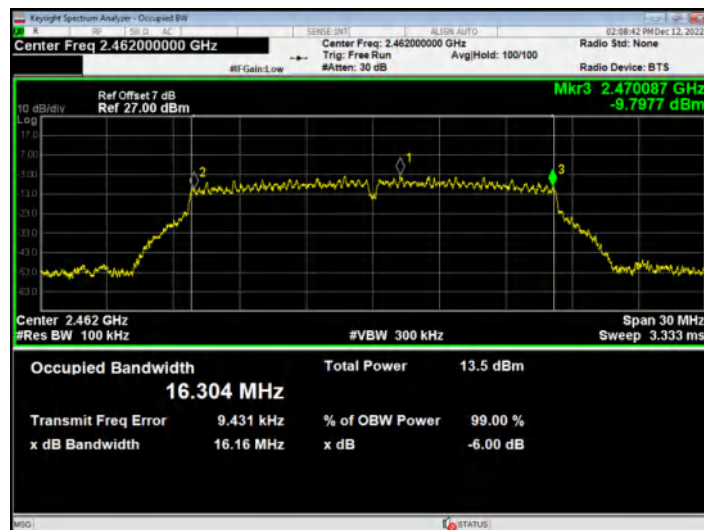
-6dB Bandwidth NVNT g 2412MHz Ant2



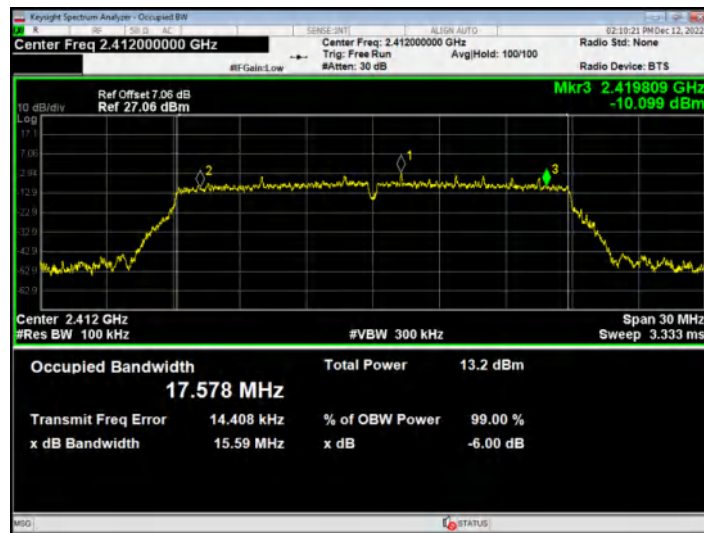
-6dB Bandwidth NVNT g 2437MHz Ant2



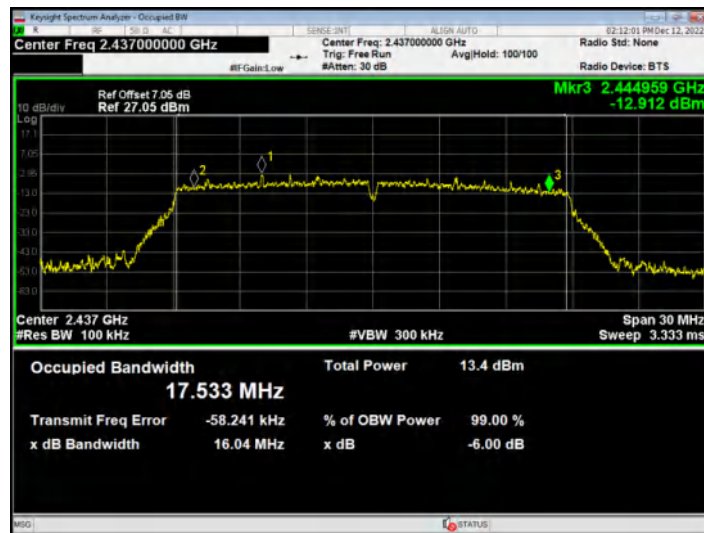
-6dB Bandwidth NVNT g 2462MHz Ant2



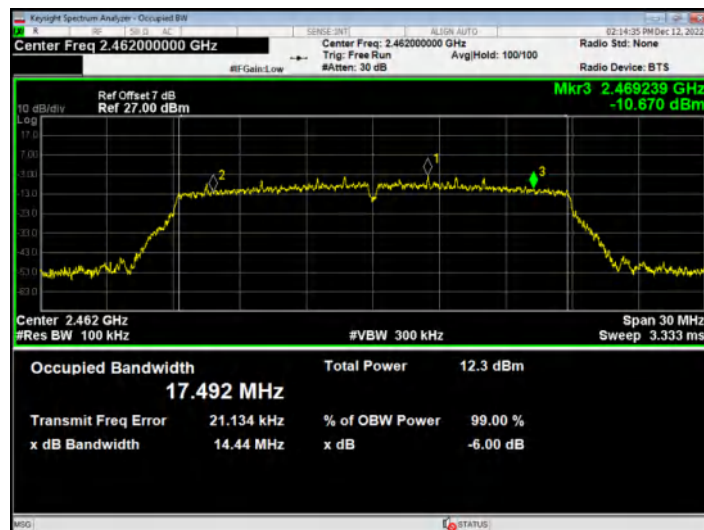
-6dB Bandwidth NVNT n20 2412MHz Ant2



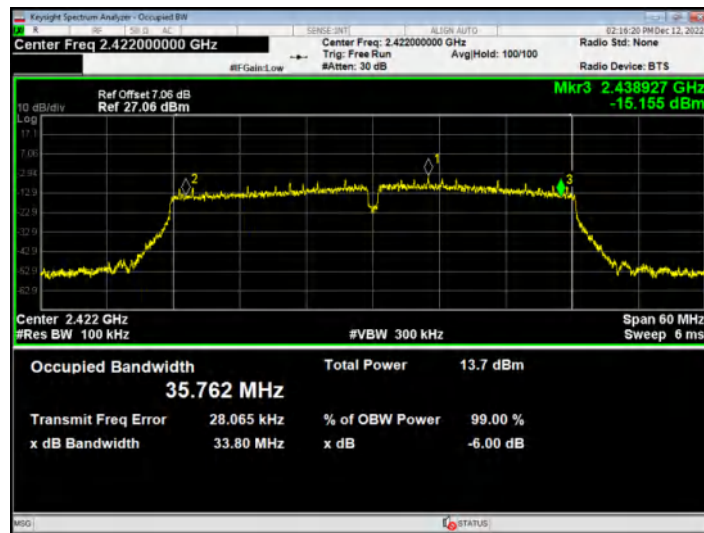
-6dB Bandwidth NVNT n20 2437MHz Ant2



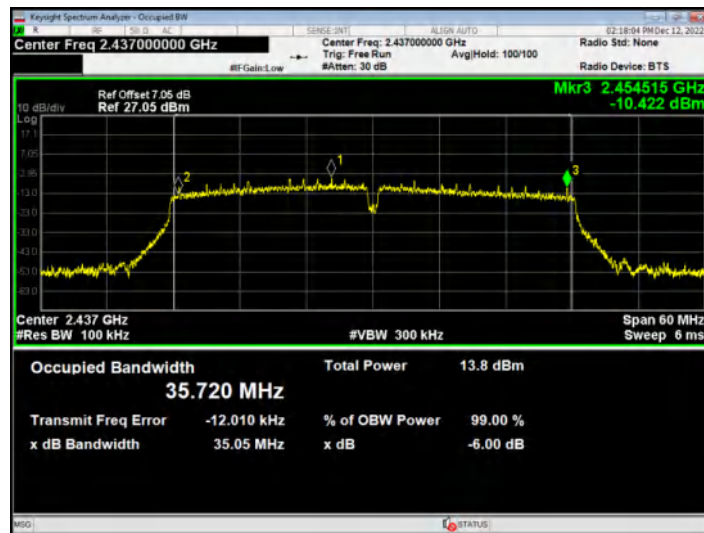
-6dB Bandwidth NVNT n20 2462MHz Ant2



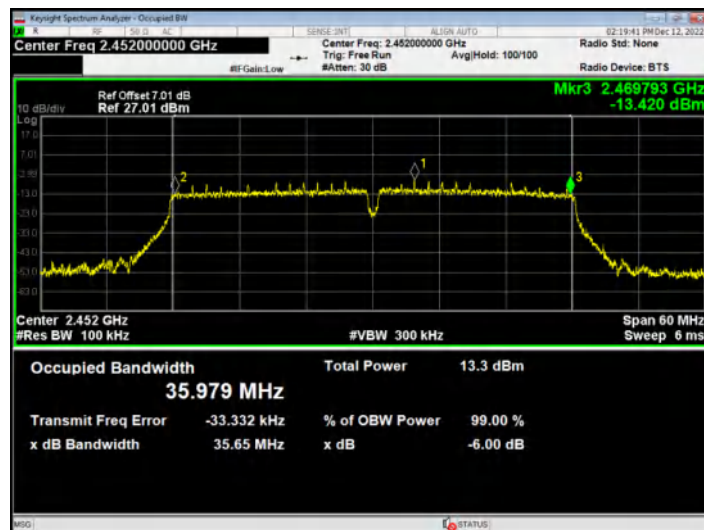
-6dB Bandwidth NVNT n40 2422MHz Ant2



-6dB Bandwidth NVNT n40 2437MHz Ant2



-6dB Bandwidth NVNT n40 2452MHz Ant2



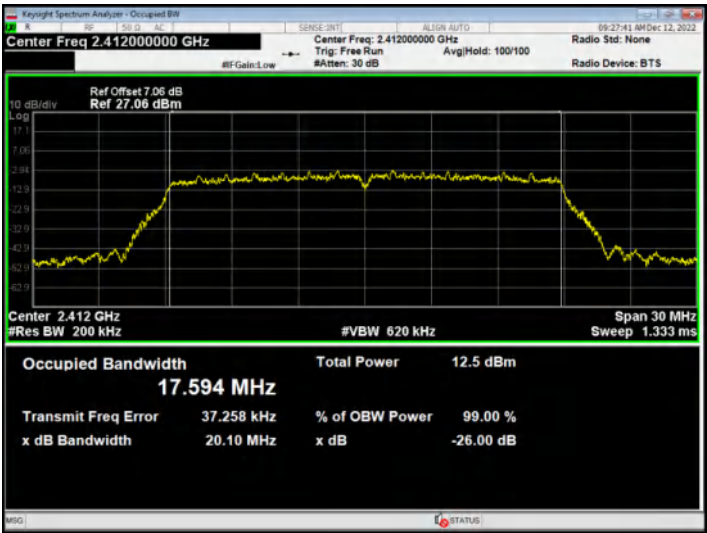
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax20	2412	Ant1	17.59352923
NVNT	ax20	2437	Ant1	17.51732792
NVNT	ax20	2462	Ant1	17.47761941
NVNT	ax40	2422	Ant1	35.81294827
NVNT	ax40	2437	Ant1	35.78264072
NVNT	ax40	2452	Ant1	36.16521676
NVNT	b	2412	Ant1	12.79320878
NVNT	b	2437	Ant1	12.60418996
NVNT	b	2462	Ant1	12.35462619
NVNT	g	2412	Ant1	16.43817816
NVNT	g	2437	Ant1	16.37648115
NVNT	g	2462	Ant1	16.28493435
NVNT	n20	2412	Ant1	17.63462276
NVNT	n20	2437	Ant1	17.52906922
NVNT	n20	2462	Ant1	17.49821806
NVNT	n40	2422	Ant1	35.79322055
NVNT	n40	2437	Ant1	35.86430786
NVNT	n40	2452	Ant1	36.13989116

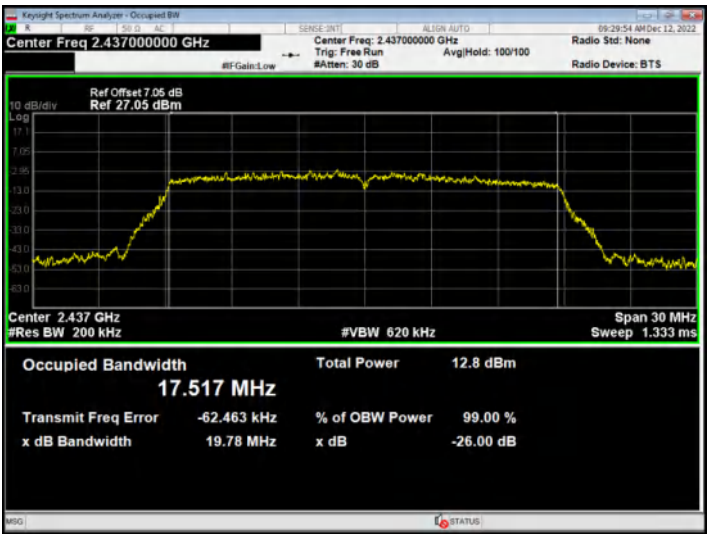
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax20	2412	Ant2	17.61906878
NVNT	ax20	2437	Ant2	17.52635442
NVNT	ax20	2462	Ant2	17.47435693
NVNT	ax40	2422	Ant2	35.82753788
NVNT	ax40	2437	Ant2	35.85088034
NVNT	ax40	2452	Ant2	36.10992834
NVNT	b	2412	Ant2	12.7547364
NVNT	b	2437	Ant2	12.51224012
NVNT	b	2462	Ant2	12.35317269
NVNT	g	2412	Ant2	16.42527732
NVNT	g	2437	Ant2	16.3561213
NVNT	g	2462	Ant2	16.34831878
NVNT	n20	2412	Ant2	17.64045247
NVNT	n20	2437	Ant2	17.50888902
NVNT	n20	2462	Ant2	17.48736028
NVNT	n40	2422	Ant2	35.89507353
NVNT	n40	2437	Ant2	35.88548277
NVNT	n40	2452	Ant2	36.14060781

Ant1:

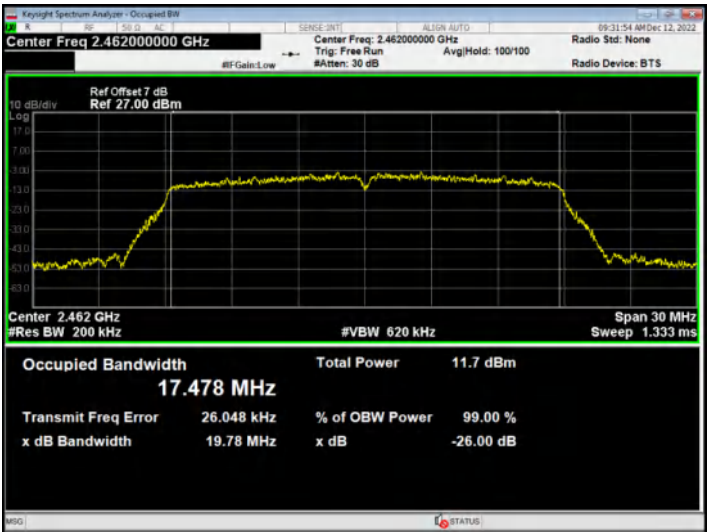
OBW NVNT ax20 2412MHz Ant1



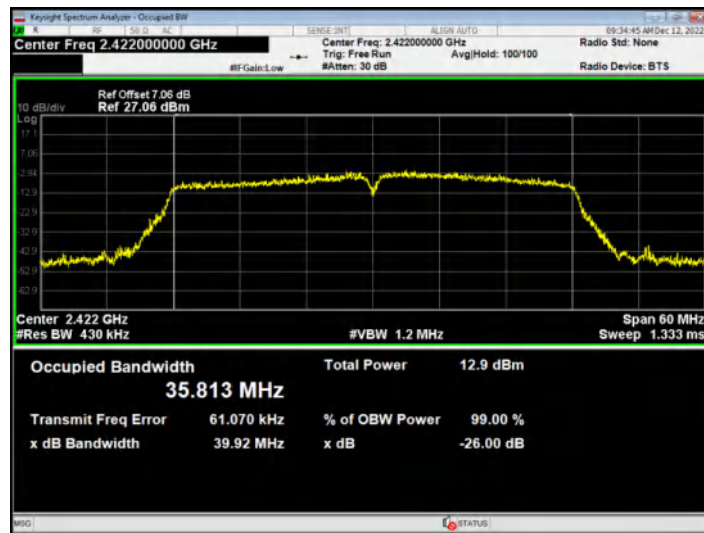
OBW NVNT ax20 2437MHz Ant1



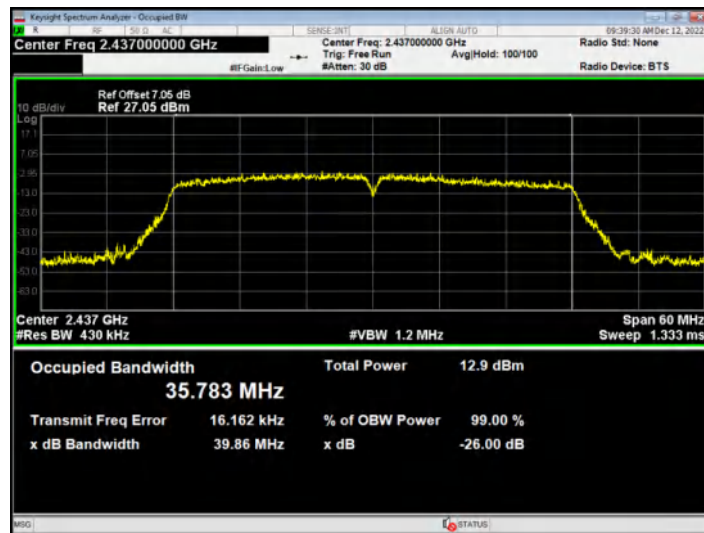
OBW NVNT ax20 2462MHz Ant1



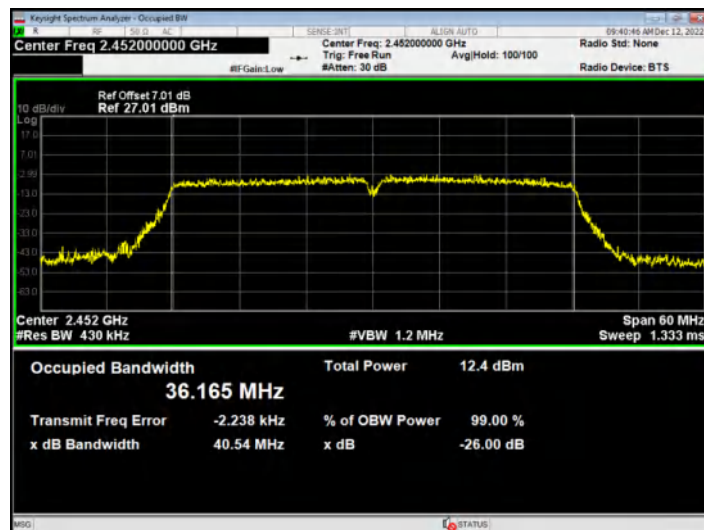
OBW NVNT ax40 2422MHz Ant1



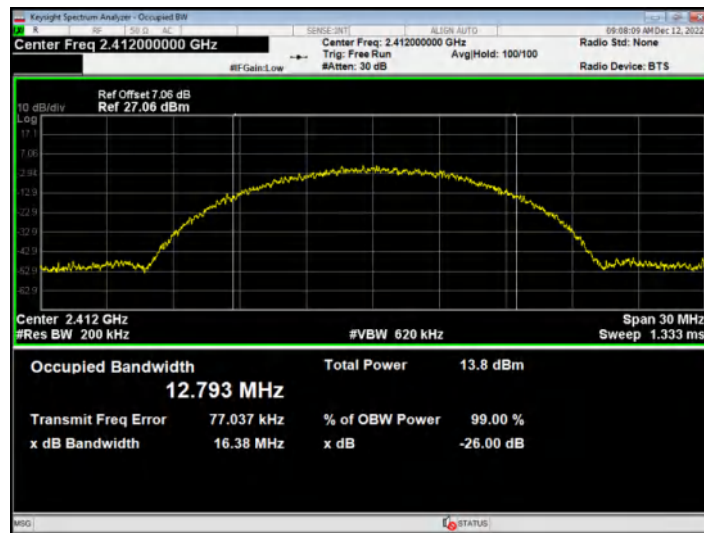
OBW NVNT ax40 2437MHz Ant1



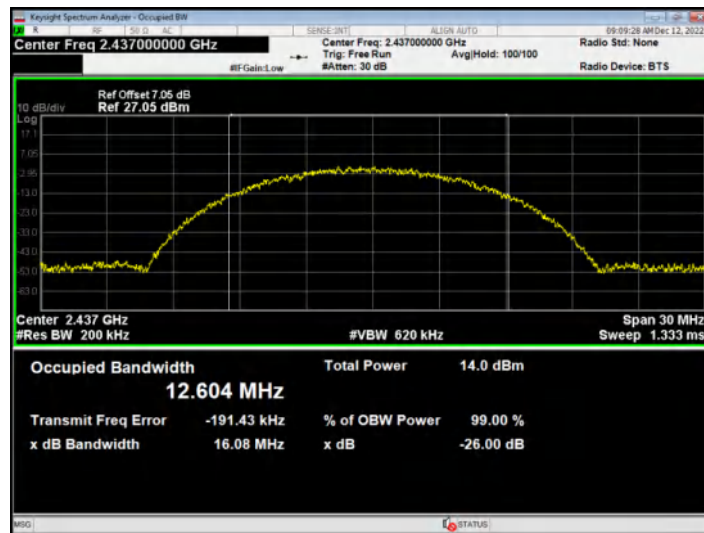
OBW NVNT ax40 2452MHz Ant1



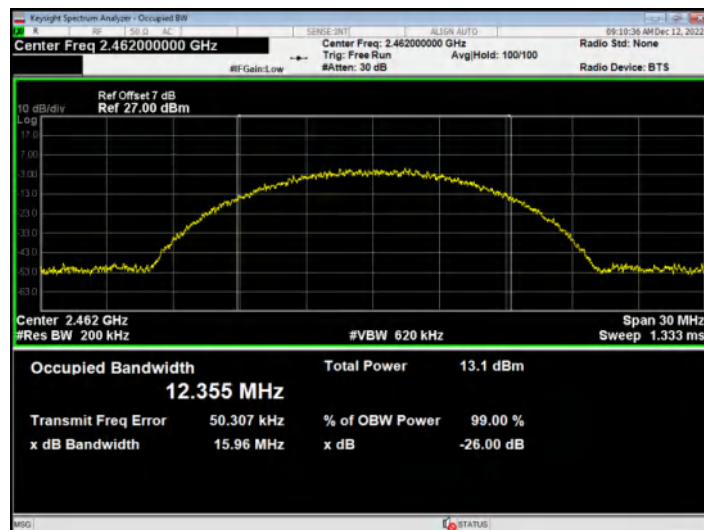
OBW NVNT b 2412MHz Ant1



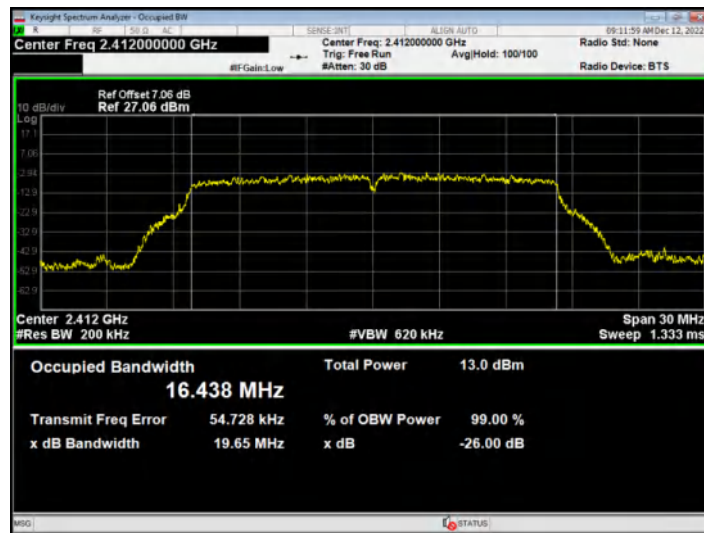
OBW NVNT b 2437MHz Ant1



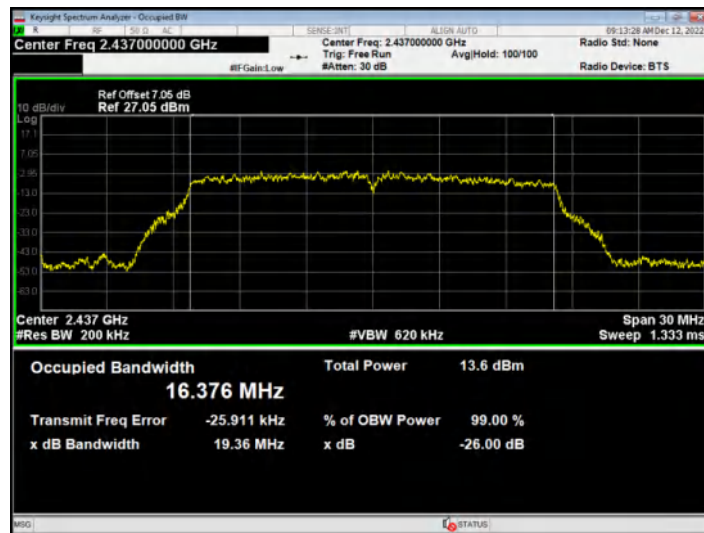
OBW NVNT b 2462MHz Ant1



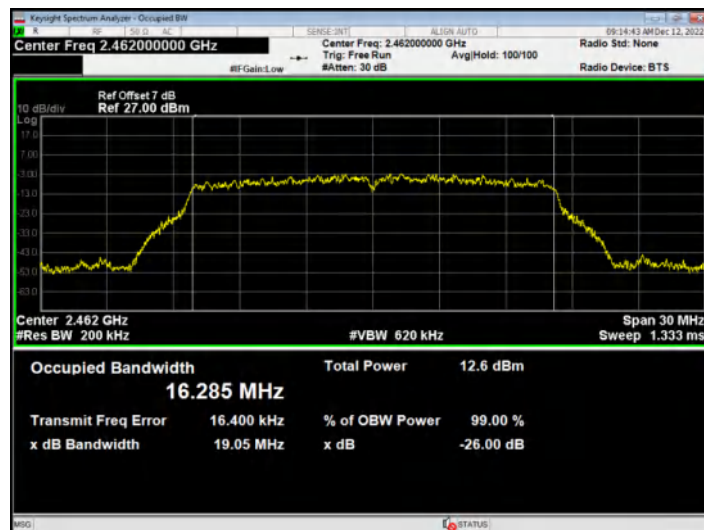
OBW NVNT g 2412MHz Ant1



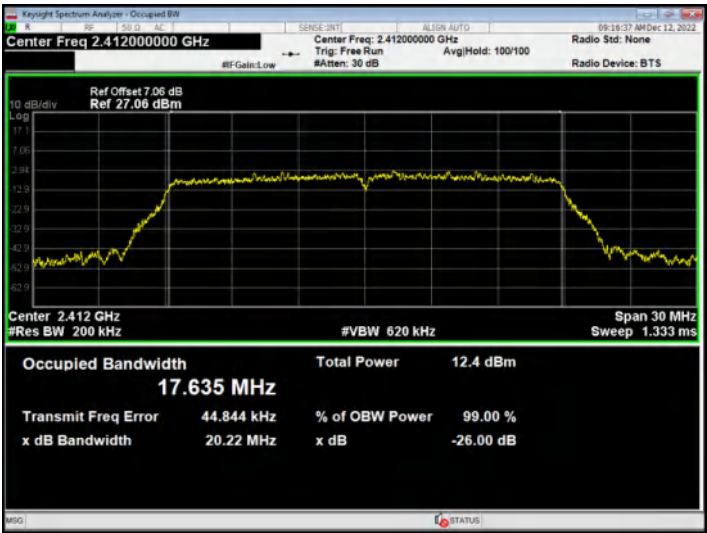
OBW NVNT g 2437MHz Ant1



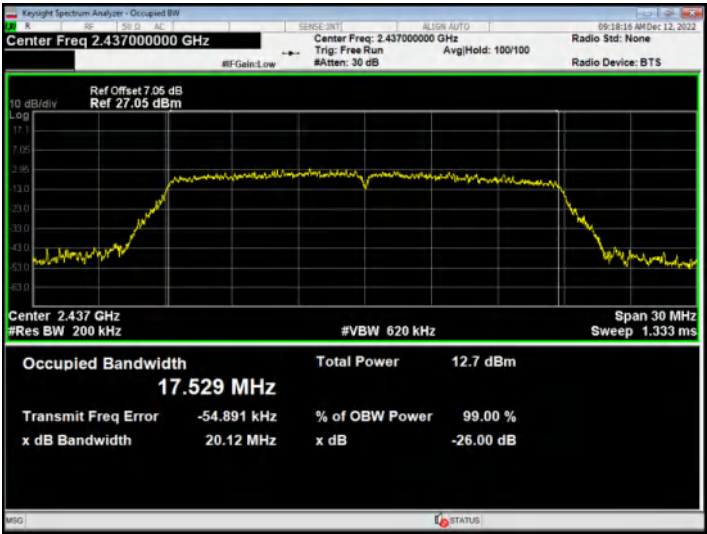
OBW NVNT g 2462MHz Ant1



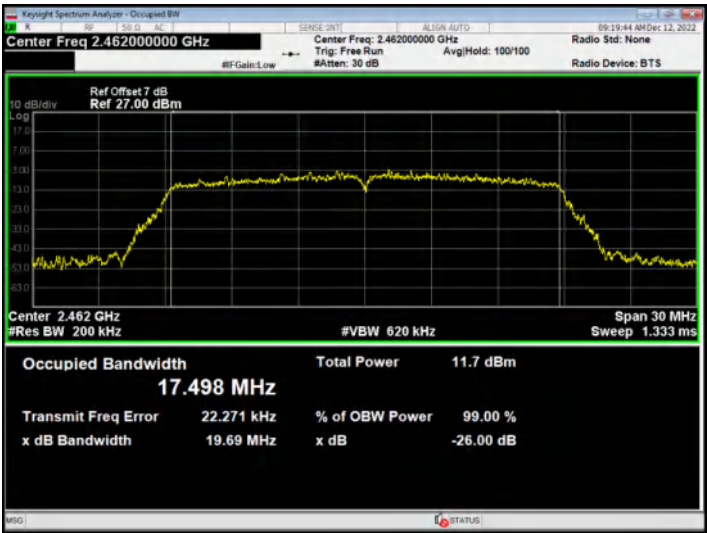
OBW NVNT n20 2412MHz Ant1



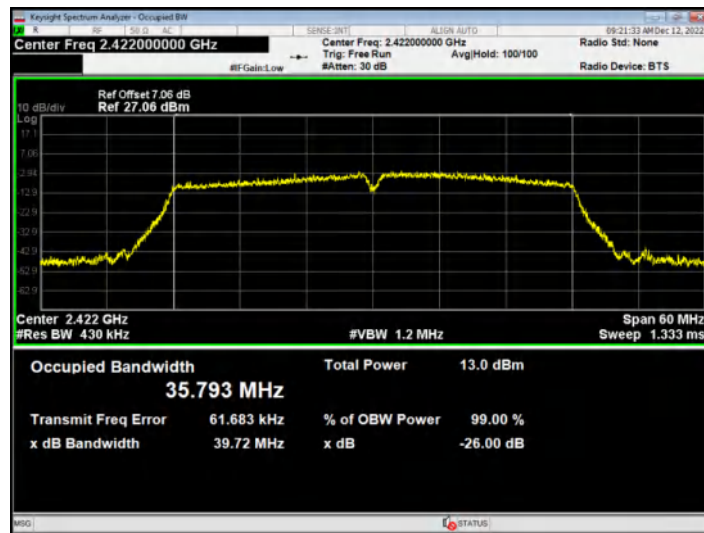
OBW NVNT n20 2437MHz Ant1



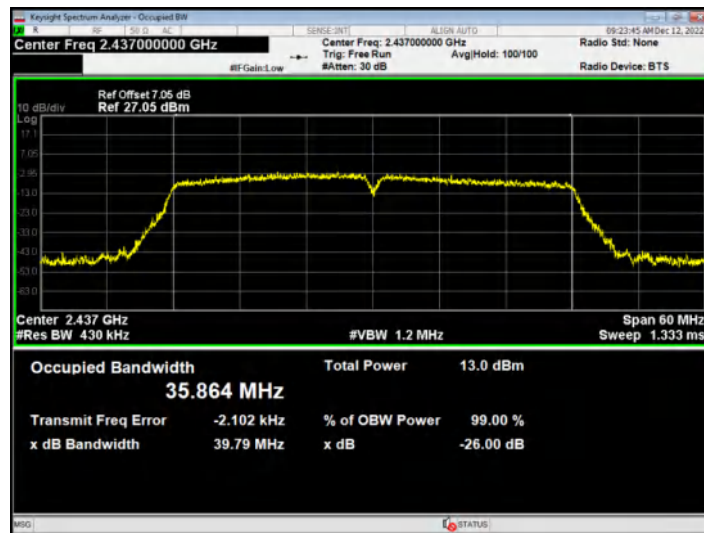
OBW NVNT n20 2462MHz Ant1



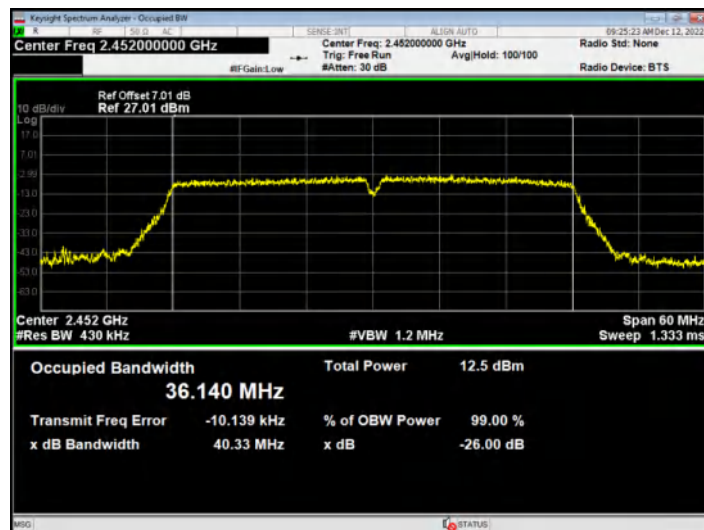
OBW NVNT n40 2422MHz Ant1



OBW NVNT n40 2437MHz Ant1

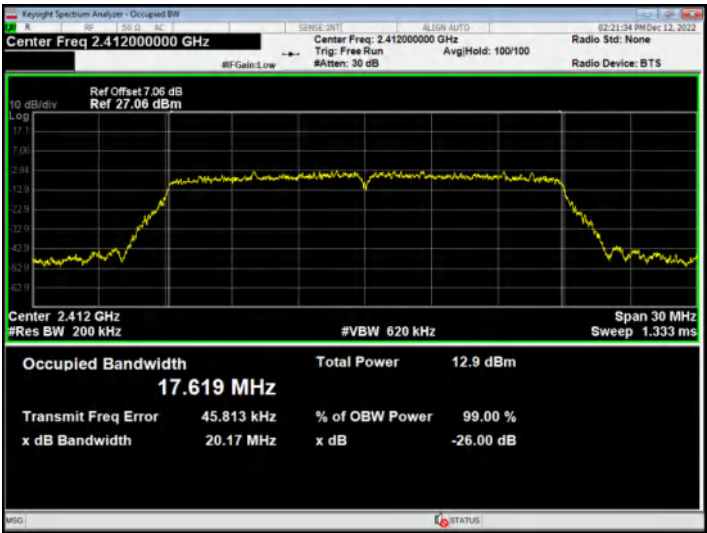


OBW NVNT n40 2452MHz Ant1

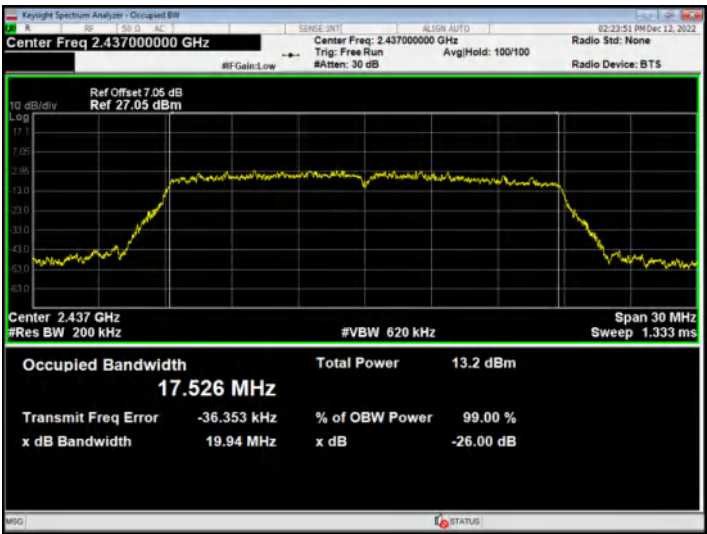


Ant2 :

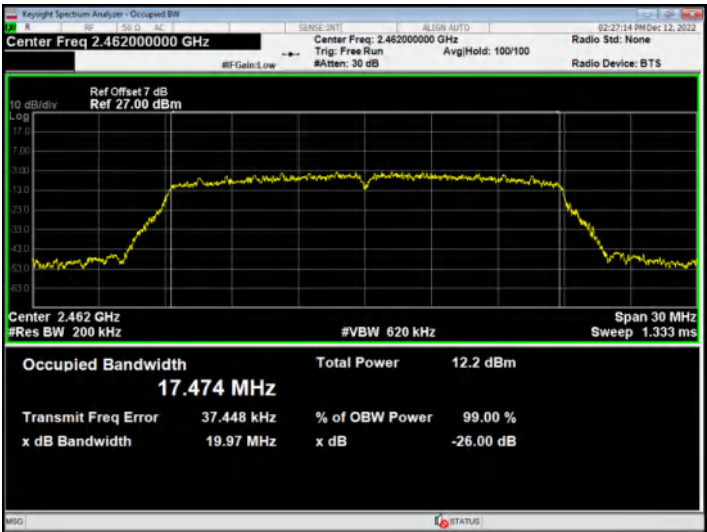
OBW NVNT ax20 2412MHz Ant2



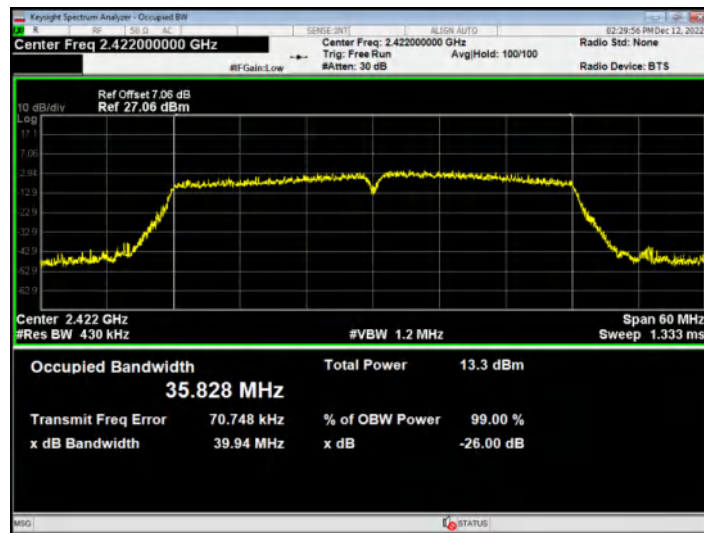
OBW NVNT ax20 2437MHz Ant2



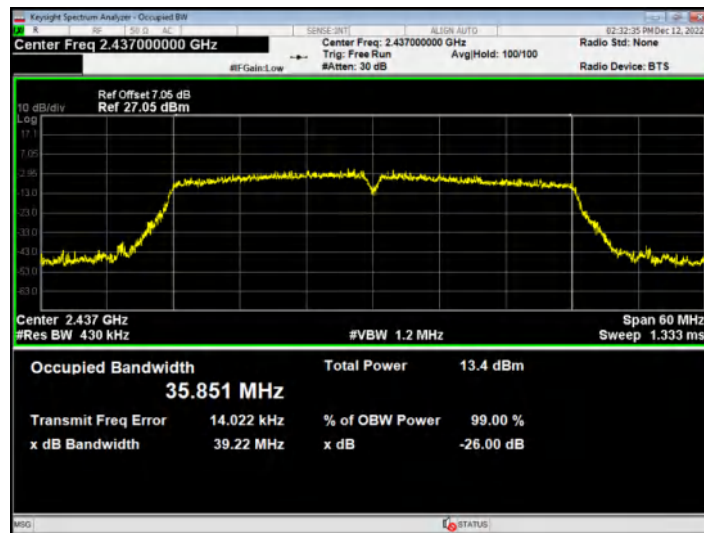
OBW NVNT ax20 2462MHz Ant2



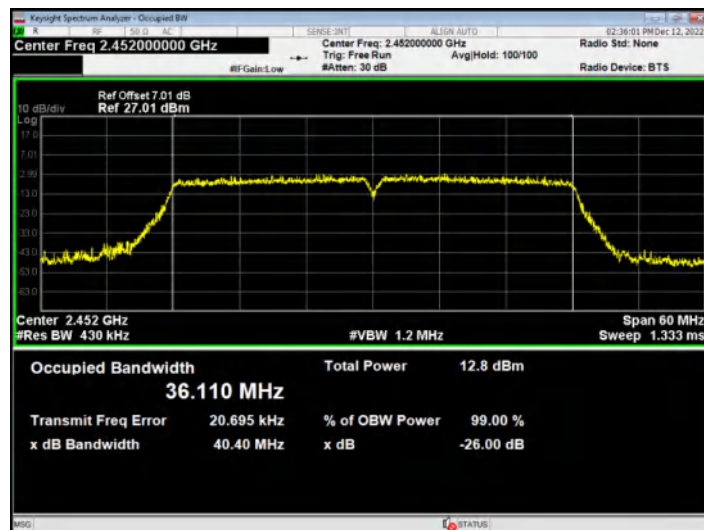
OBW NVNT ax40 2422MHz Ant2



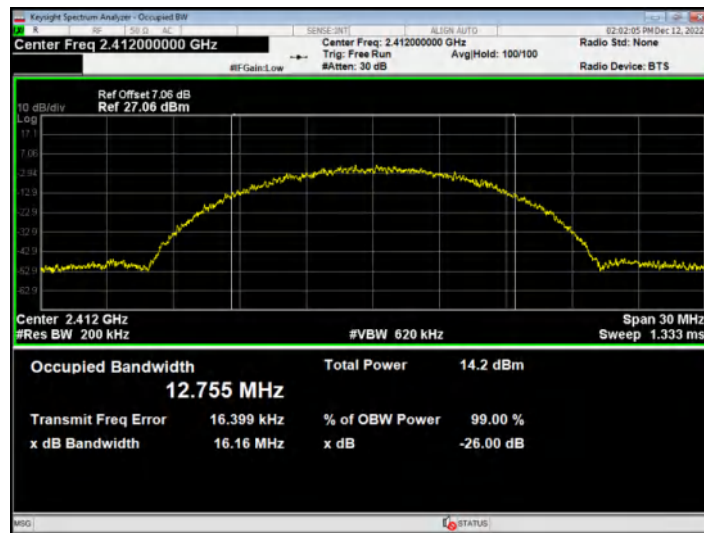
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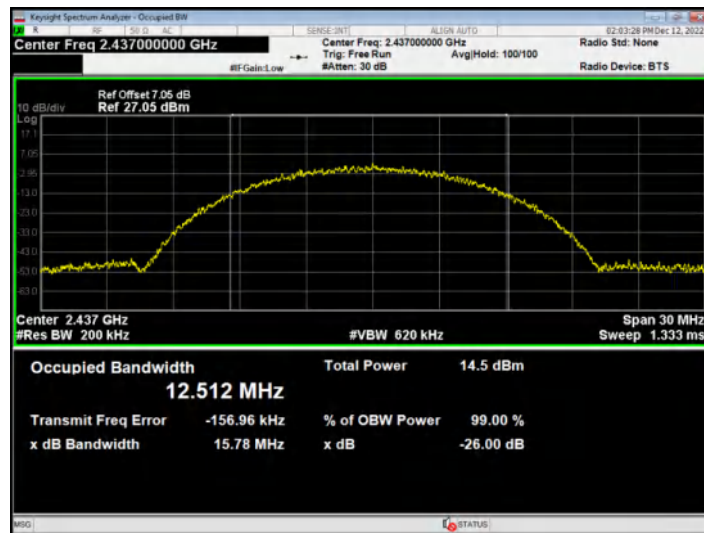
OBW NVNT ax40 2452MHz Ant2



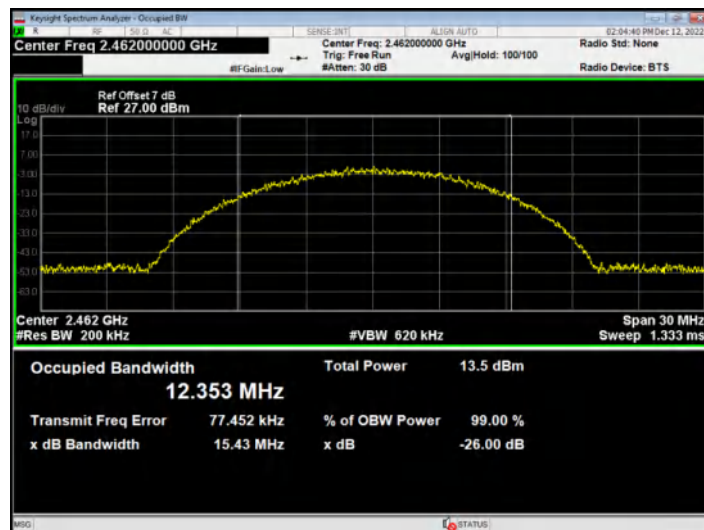
OBW NVNT b 2412MHz Ant2



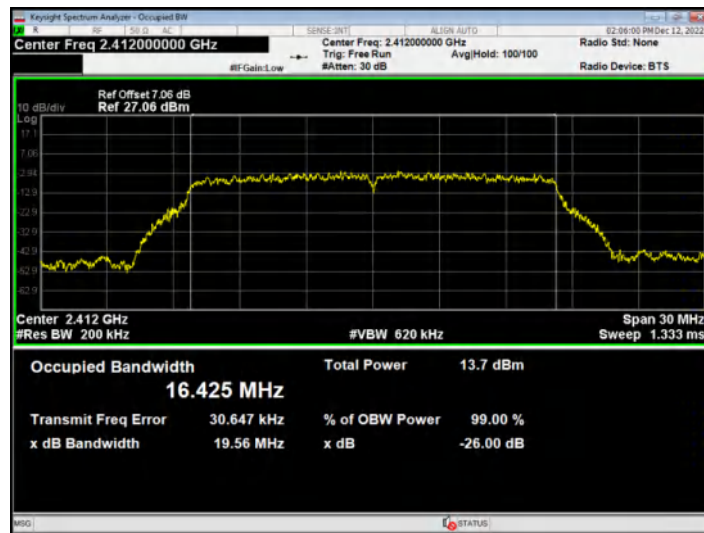
OBW NVNT b 2437MHz Ant2



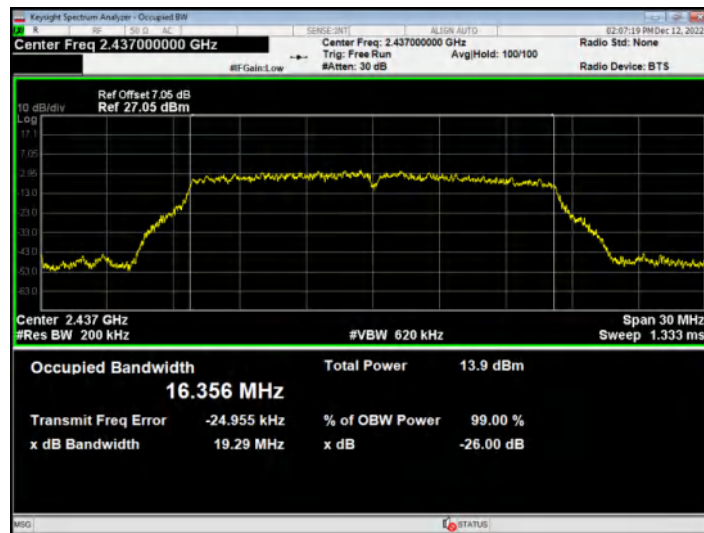
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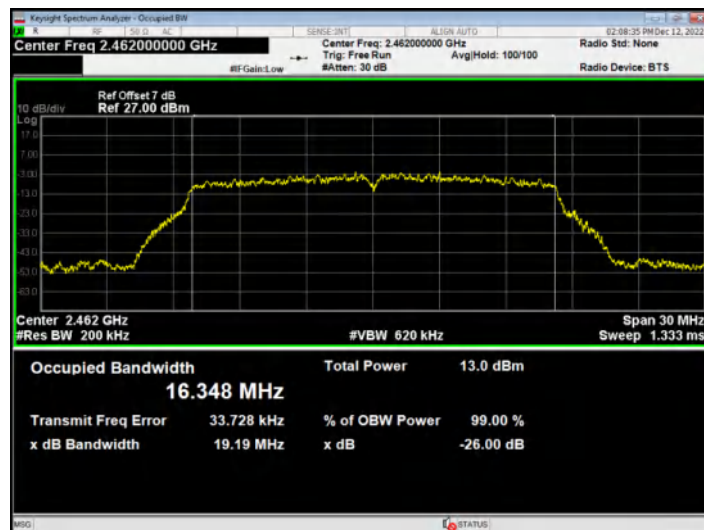
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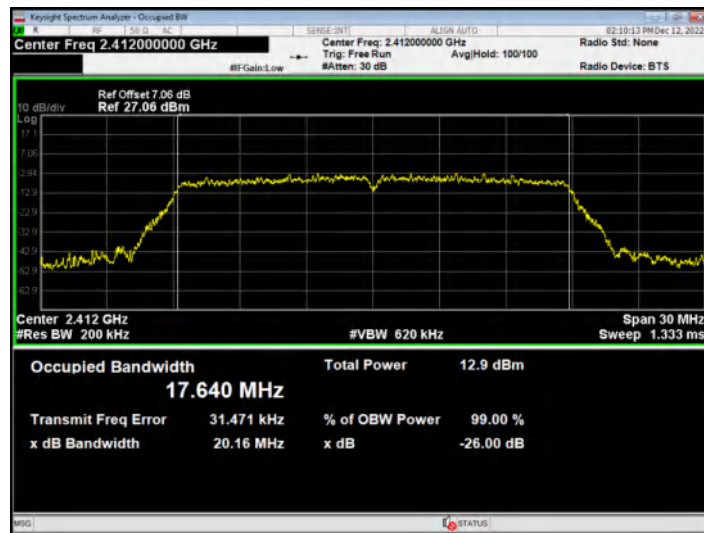
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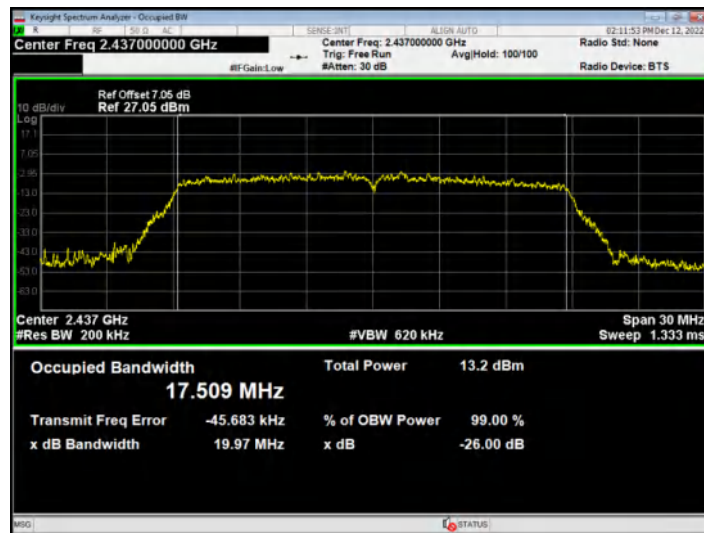
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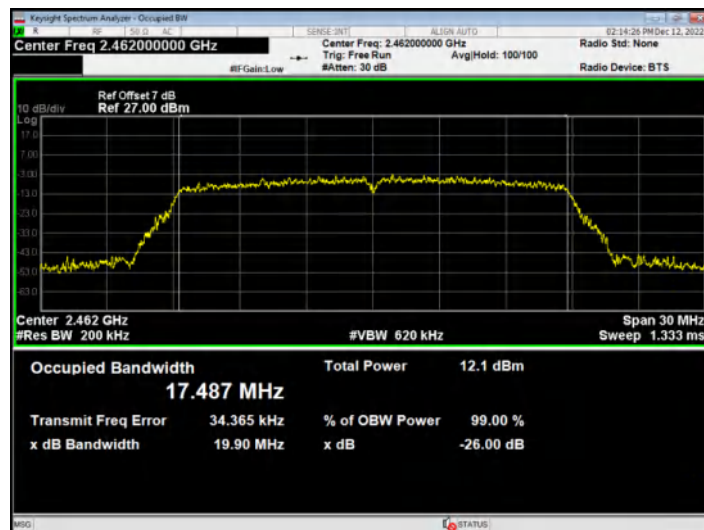
OBW NVNT n20 2412MHz Ant2



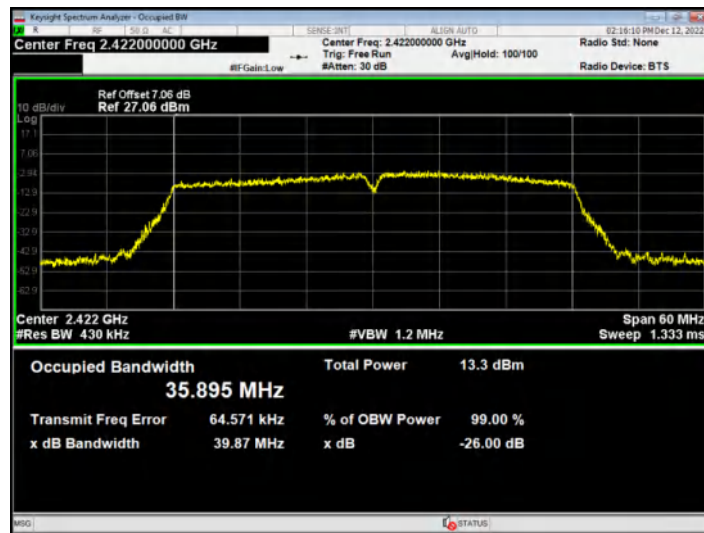
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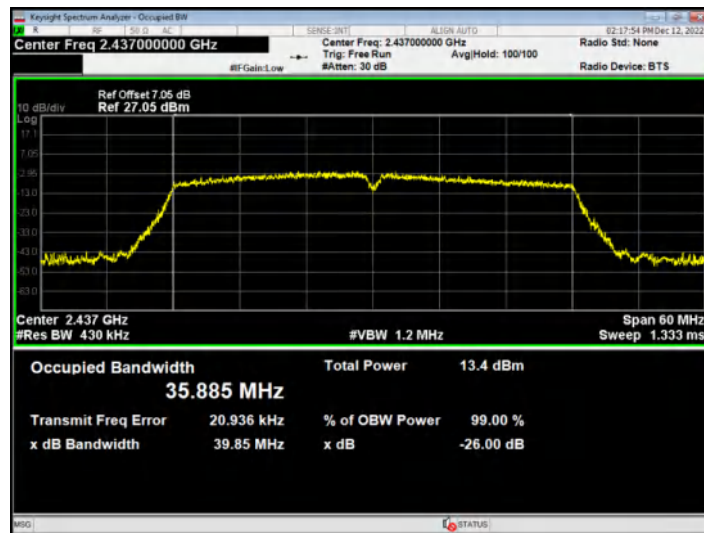
OBW NVNT n20 2462MHz Ant2



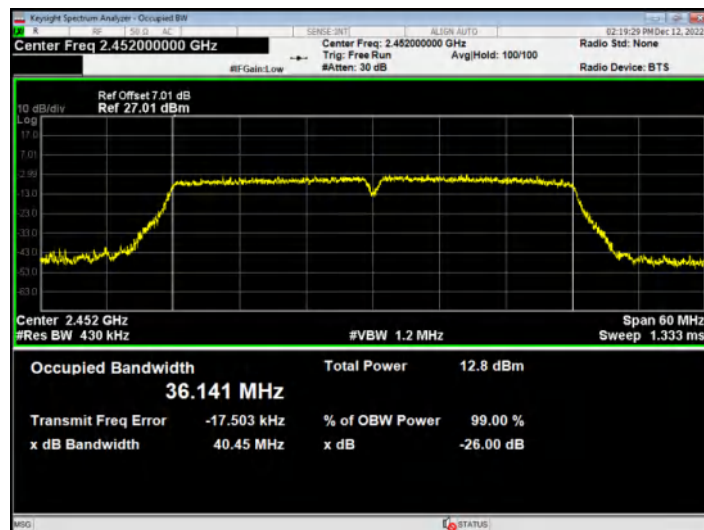
OBW NVNT n40 2422MHz Ant2



OBW NVNT n40 2437MHz Ant2



OBW NVNT n40 2452MHz Ant2



Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	ax20	2412	Ant1	-19.845	8	Pass
NVNT	ax20	2437	Ant1	-19.178	8	Pass
NVNT	ax20	2462	Ant1	-19.715	8	Pass
NVNT	ax40	2422	Ant1	-22.174	8	Pass
NVNT	ax40	2437	Ant1	-22.678	8	Pass
NVNT	ax40	2452	Ant1	-23.697	8	Pass
NVNT	b	2412	Ant1	-15.361	8	Pass
NVNT	b	2437	Ant1	-15.148	8	Pass
NVNT	b	2462	Ant1	-15.743	8	Pass
NVNT	g	2412	Ant1	-19.829	8	Pass
NVNT	g	2437	Ant1	-19.228	8	Pass
NVNT	g	2462	Ant1	-19.591	8	Pass
NVNT	n20	2412	Ant1	-19.688	8	Pass
NVNT	n20	2437	Ant1	-19.168	8	Pass
NVNT	n20	2462	Ant1	-19.943	8	Pass
NVNT	n40	2422	Ant1	-22.125	8	Pass
NVNT	n40	2437	Ant1	-22.279	8	Pass
NVNT	n40	2452	Ant1	-24	8	Pass

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	ax20	2412	Ant2	-19.68	8	Pass
NVNT	ax20	2437	Ant2	-19.071	8	Pass
NVNT	ax20	2462	Ant2	-19.286	8	Pass
NVNT	ax40	2422	Ant2	-21.995	8	Pass
NVNT	ax40	2437	Ant2	-22.117	8	Pass
NVNT	ax40	2452	Ant2	-23.472	8	Pass
NVNT	b	2412	Ant2	-14.634	8	Pass
NVNT	b	2437	Ant2	-14.882	8	Pass
NVNT	b	2462	Ant2	-15.385	8	Pass
NVNT	g	2412	Ant2	-19.524	8	Pass
NVNT	g	2437	Ant2	-18.736	8	Pass
NVNT	g	2462	Ant2	-19.475	8	Pass
NVNT	n20	2412	Ant2	-19.433	8	Pass
NVNT	n20	2437	Ant2	-19.028	8	Pass
NVNT	n20	2462	Ant2	-19.387	8	Pass
NVNT	n40	2422	Ant2	-21.899	8	Pass
NVNT	n40	2437	Ant2	-22.317	8	Pass
NVNT	n40	2452	Ant2	-23.575	8	Pass

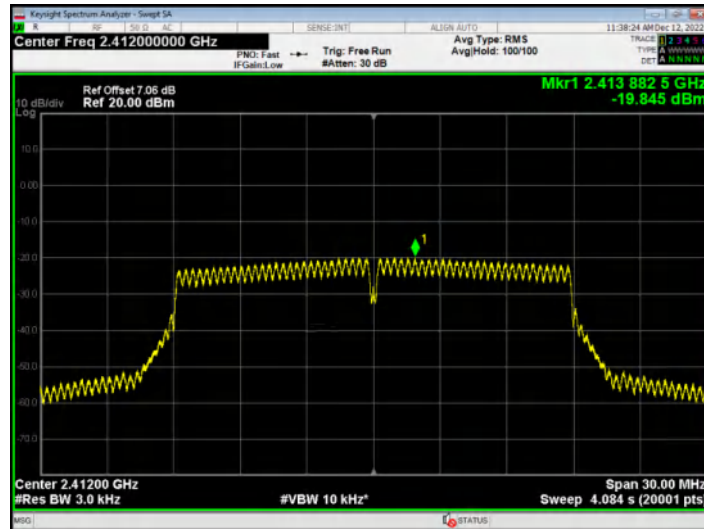
For MIMO Mode

Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
ax20	2412	Ant1+2	-16.75	8	Pass
ax20	2437	Ant1+2	-16.11	8	Pass
ax20	2462	Ant1+2	-16.48	8	Pass
ax40	2422	Ant1+2	-19.07	8	Pass
ax40	2437	Ant1+2	-19.38	8	Pass
ax40	2452	Ant1+2	-20.57	8	Pass
n20	2412	Ant1+2	-16.55	8	Pass
n20	2437	Ant1+2	-16.09	8	Pass
n20	2462	Ant1+2	-16.65	8	Pass
n40	2422	Ant1+2	-19.00	8	Pass
n40	2437	Ant1+2	-19.29	8	Pass
n40	2452	Ant1+2	-16.75	8	Pass

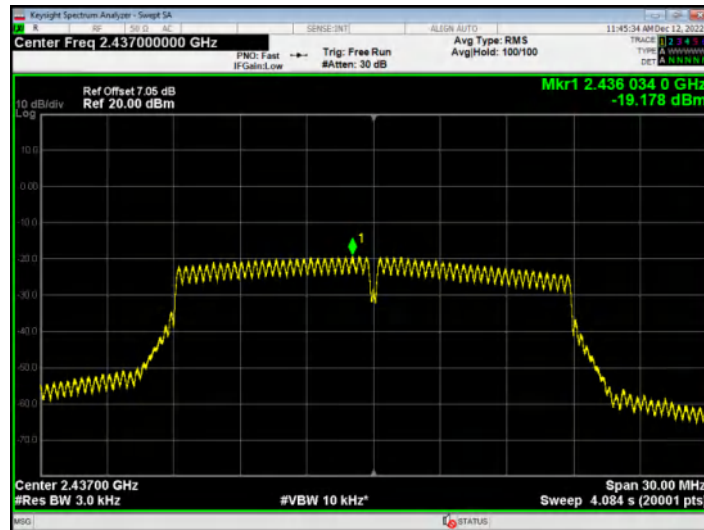
Note: The duty ratio coefficient has been integrated into the offset coefficient of the test diagram.

Ant1:

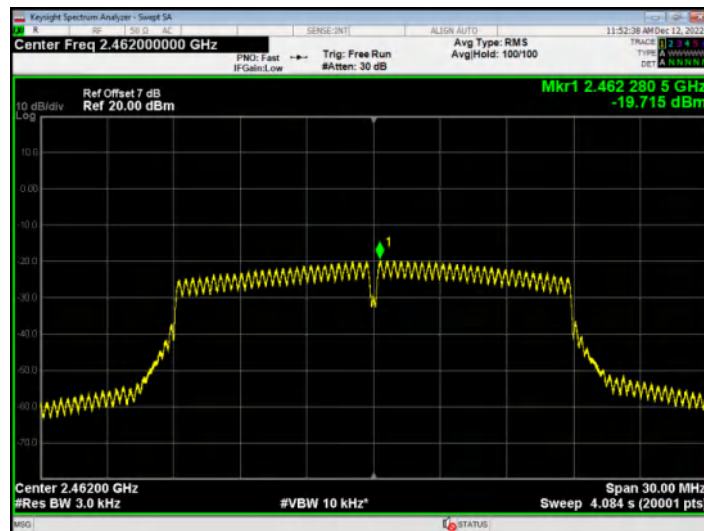
PSD NVNT ax20 2412MHz Ant1



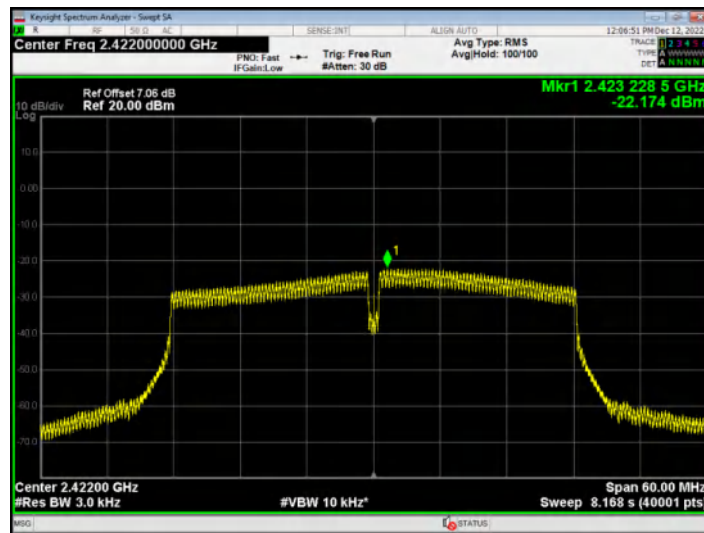
PSD NVNT ax20 2437MHz Ant1



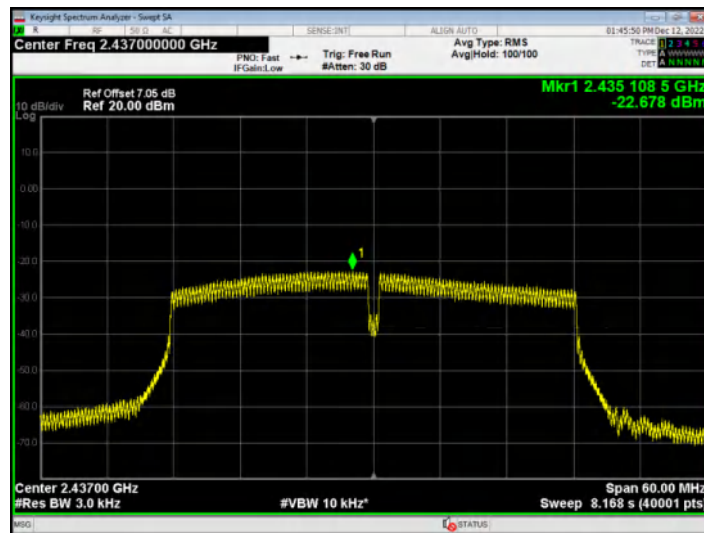
PSD NVNT ax20 2462MHz Ant1



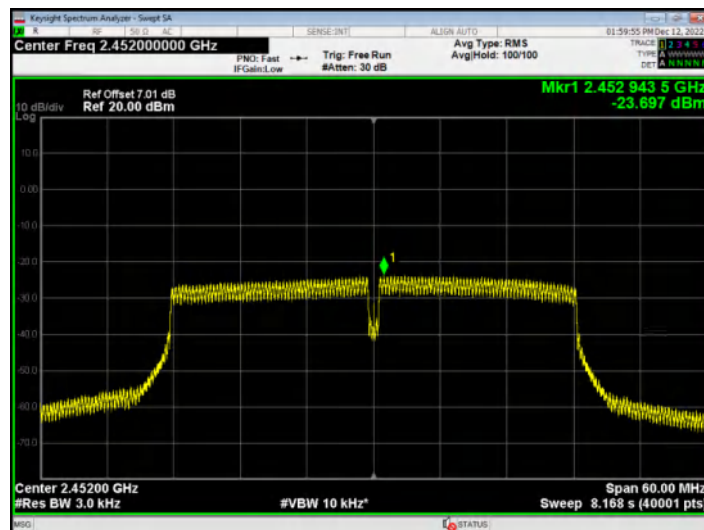
PSD NVNT ax40 2422MHz Ant1



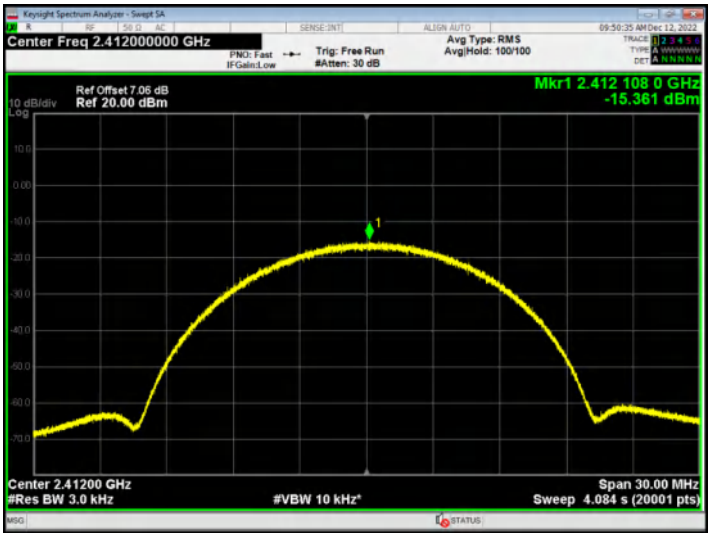
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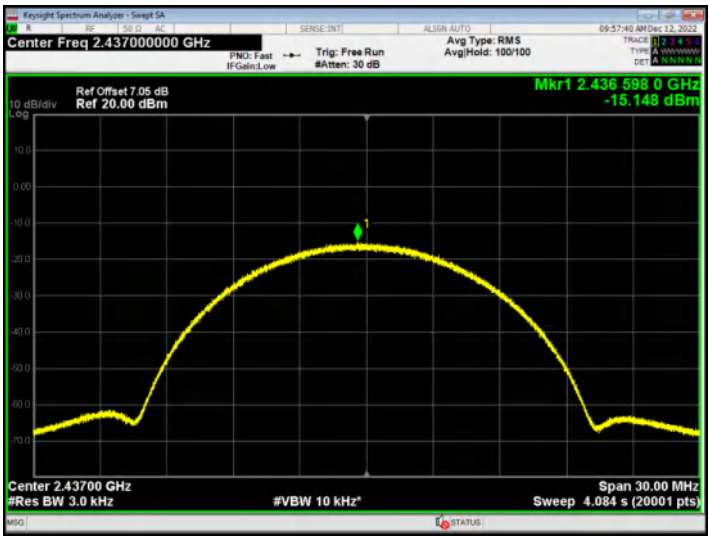
PSD NVNT ax40 2452MHz Ant1



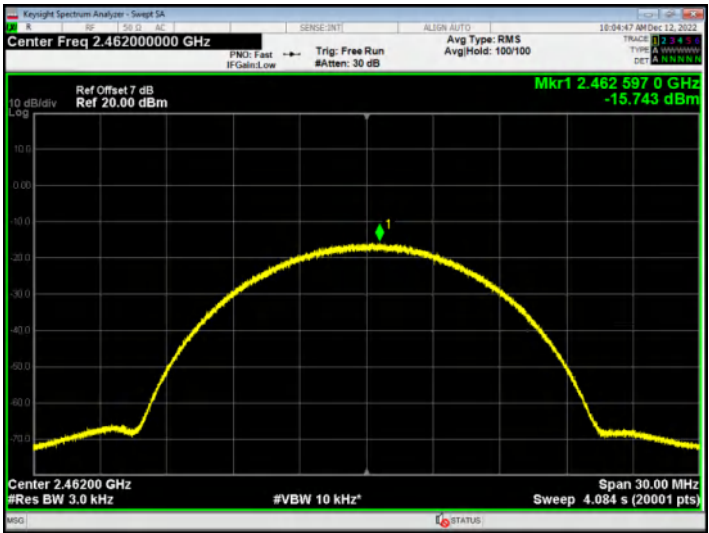
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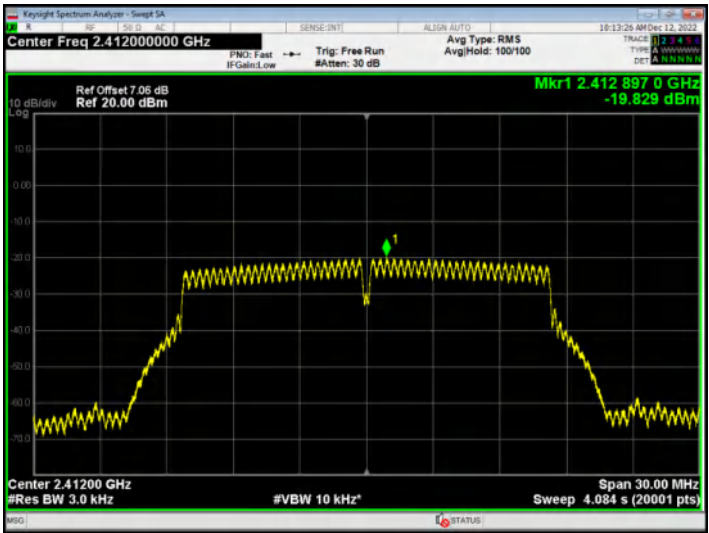
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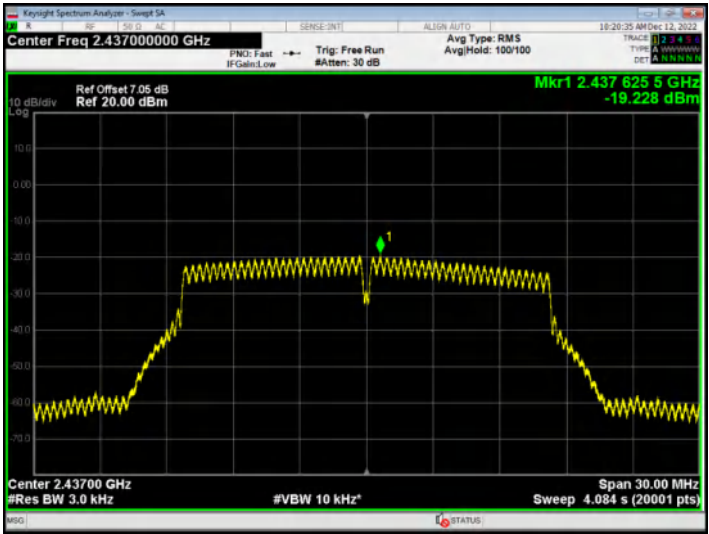
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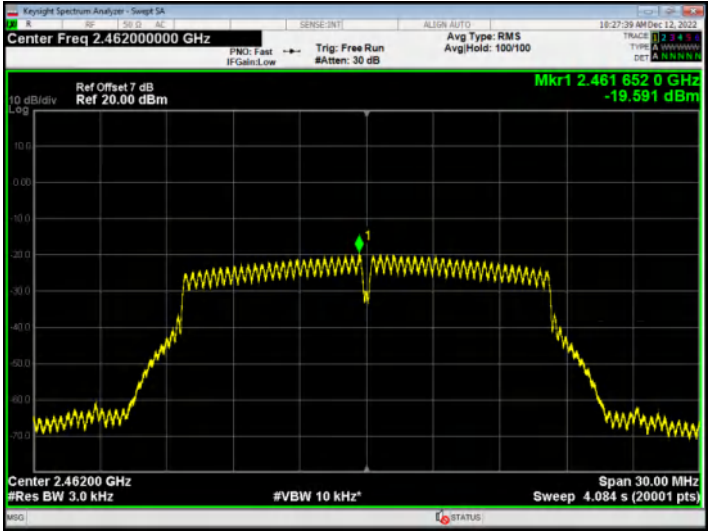
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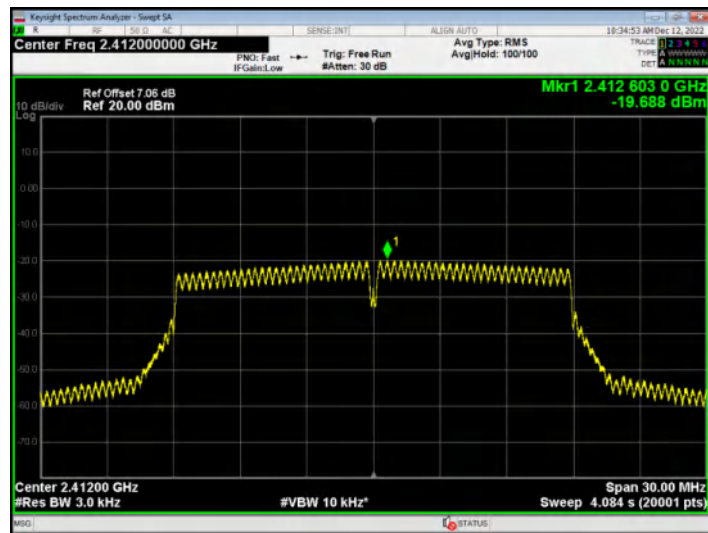
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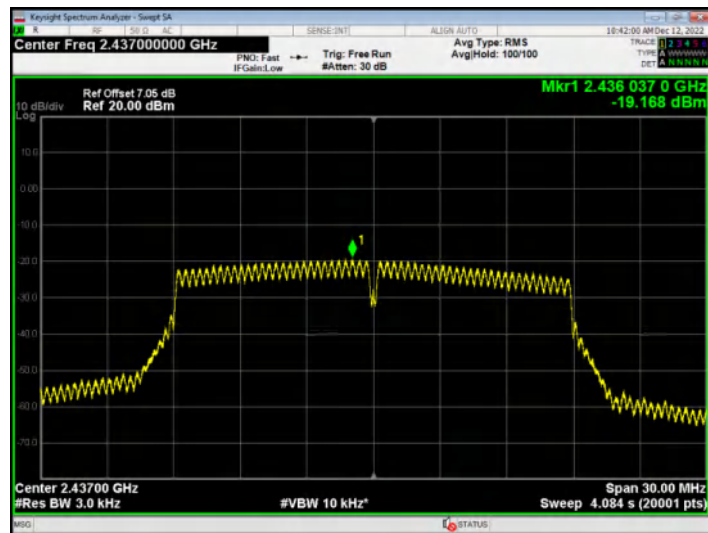
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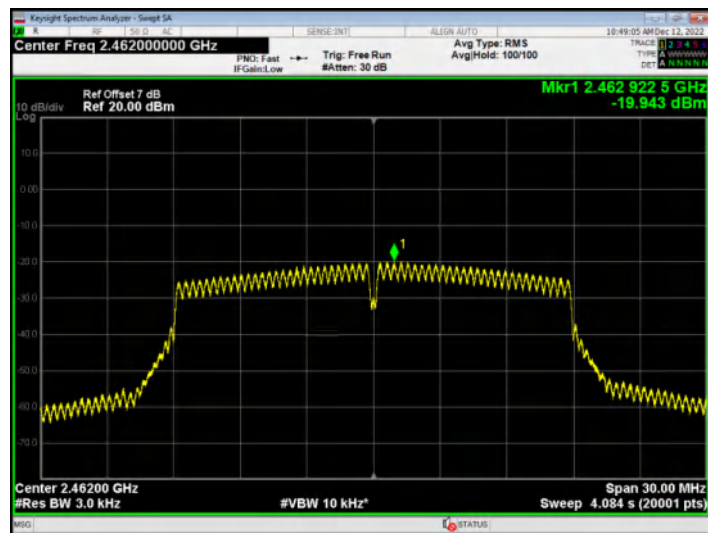
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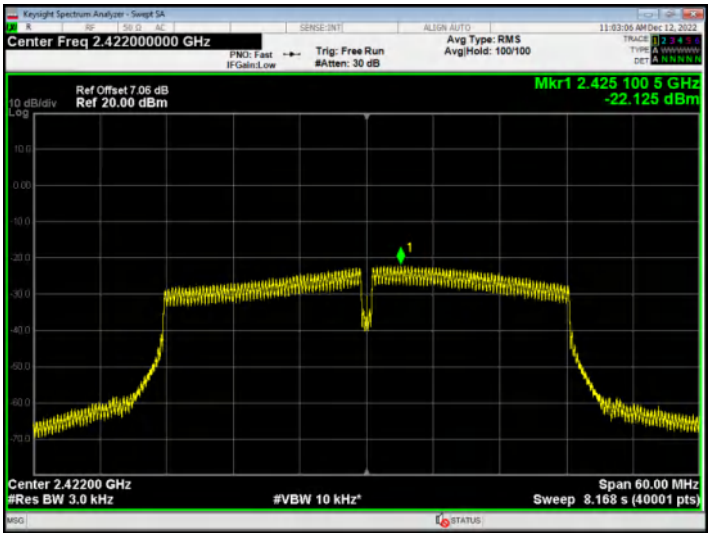
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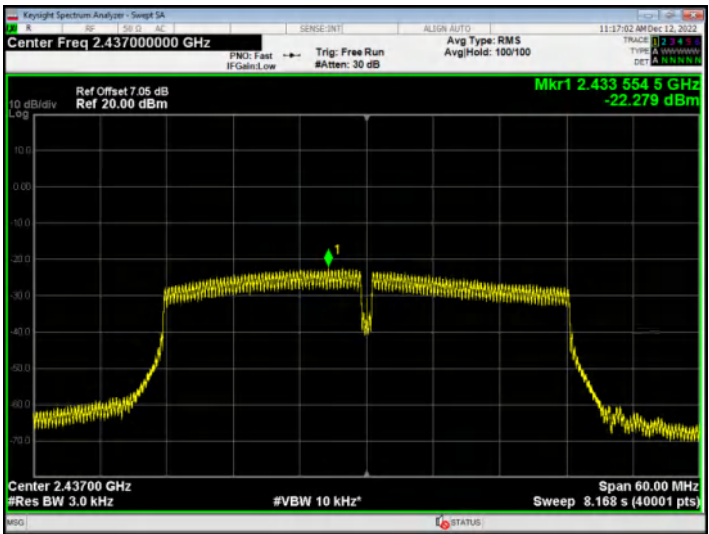
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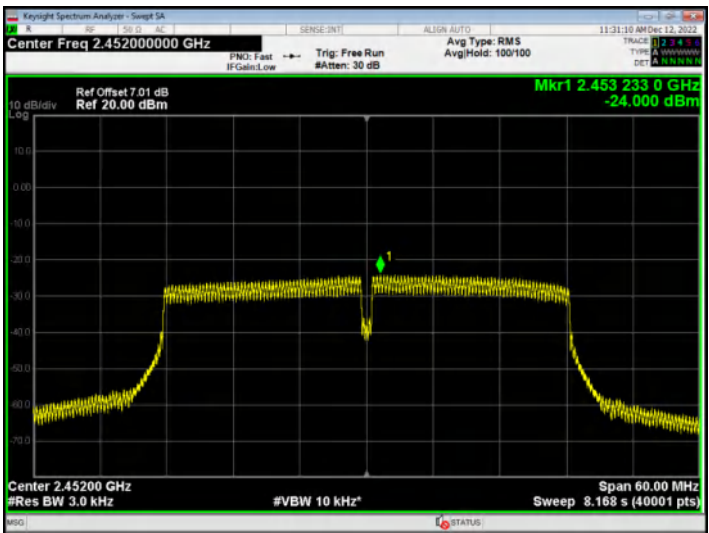
PSD NVNT n40 2422MHz Ant1



PSD NVNT n40 2437MHz Ant1

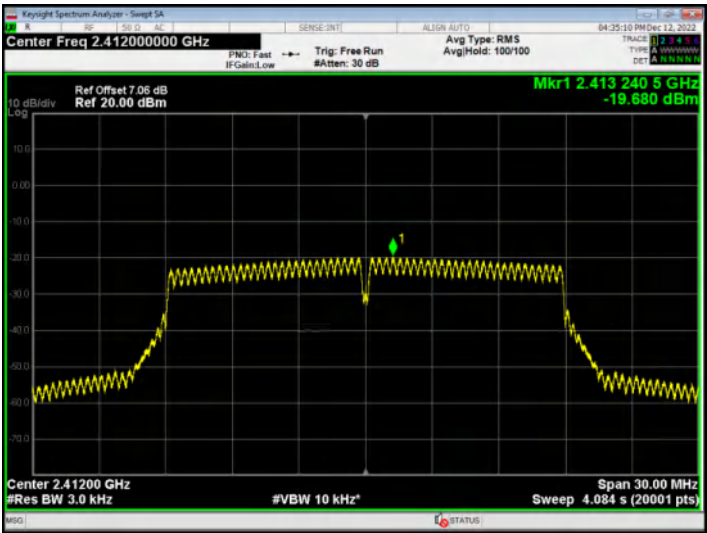


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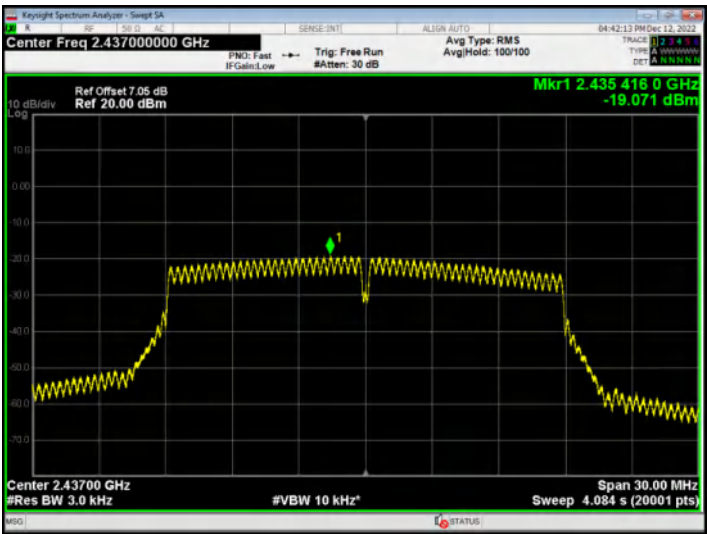


Ant2:

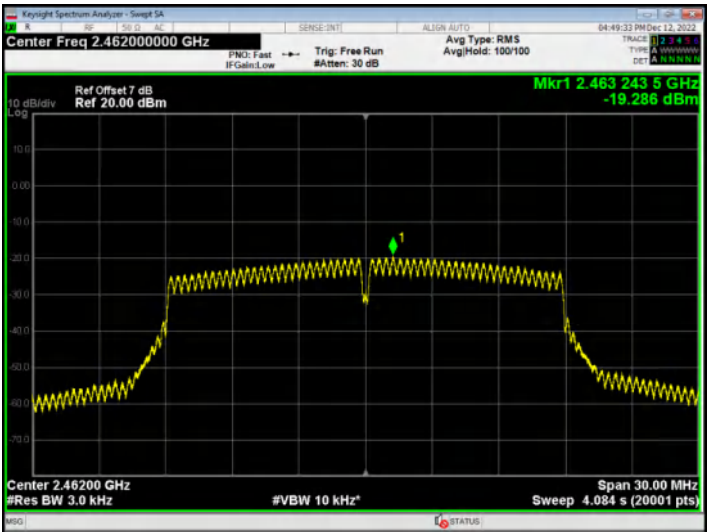
PSD NVNT ax20 2412MHz Ant2



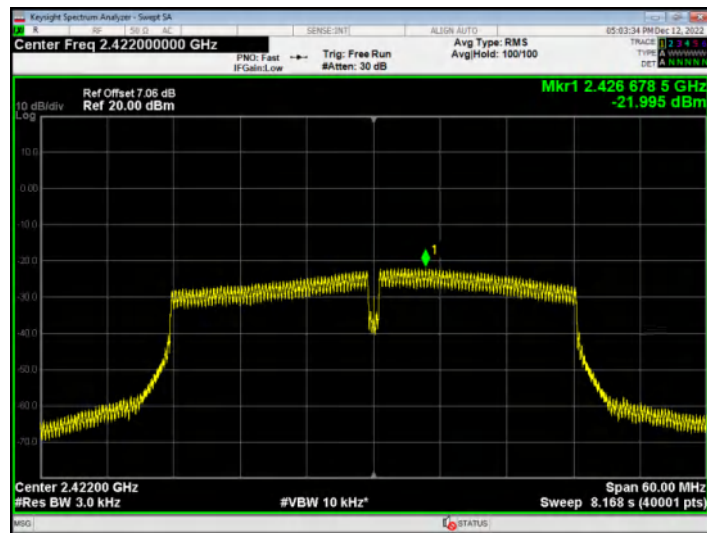
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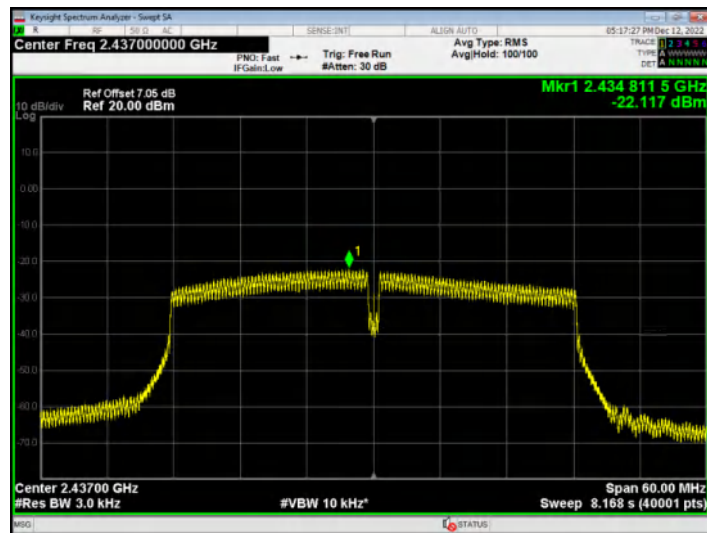
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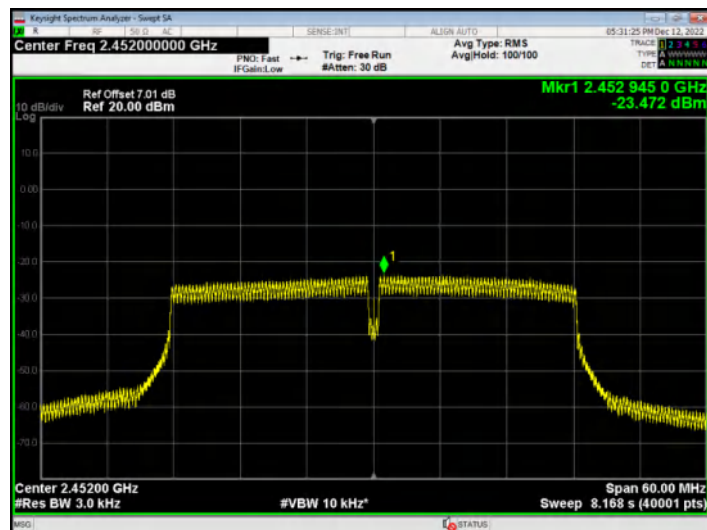
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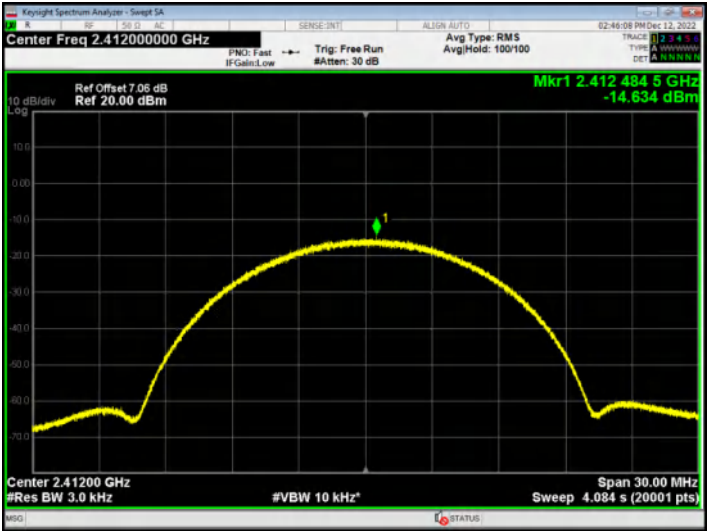
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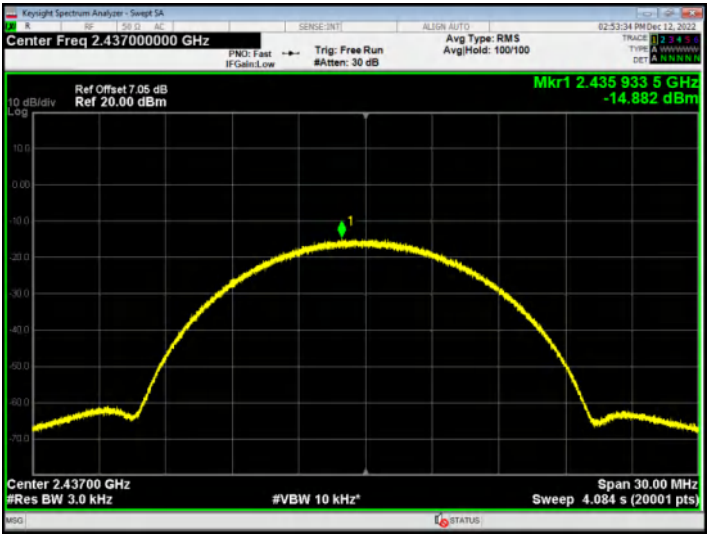
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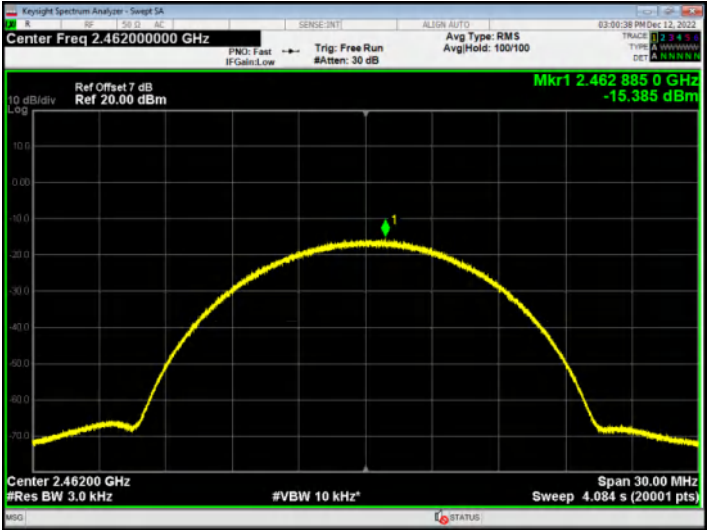
PSD NVNT b 2412MHz Ant2



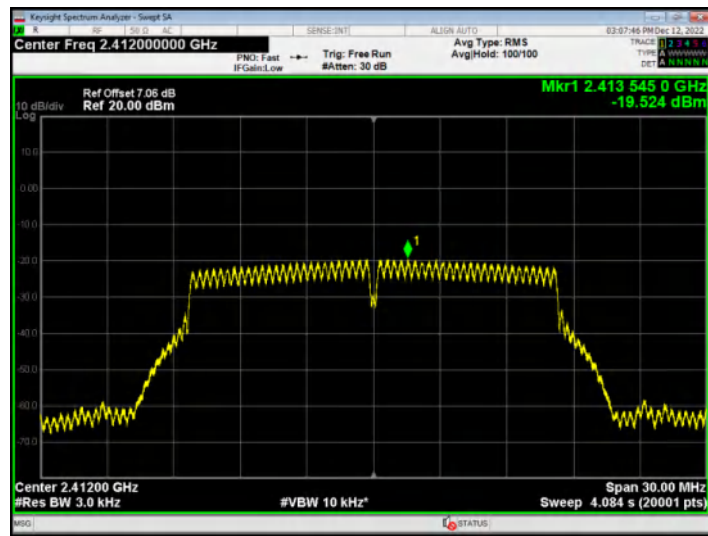
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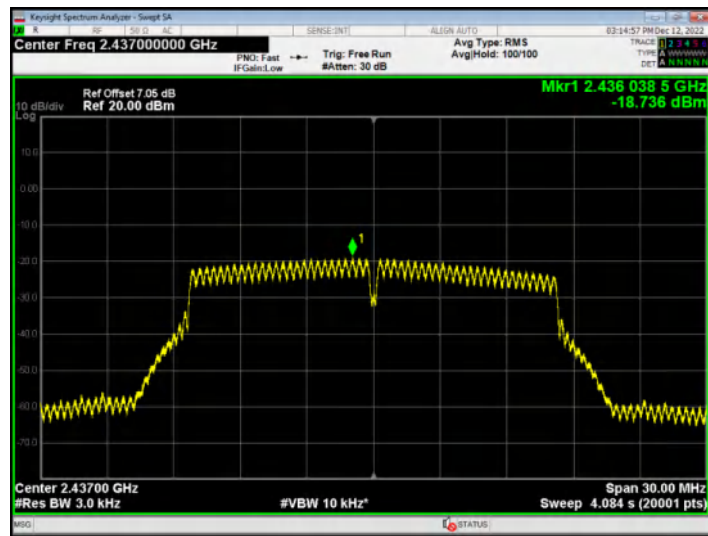
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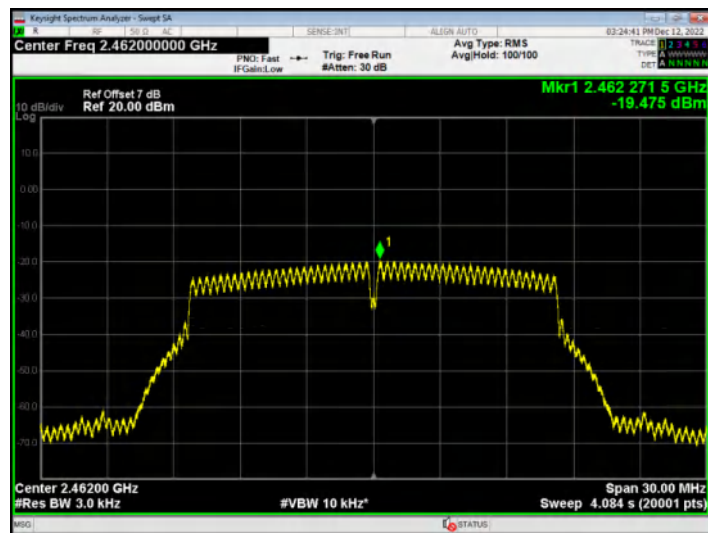
PSD NVNT g 2412MHz Ant2



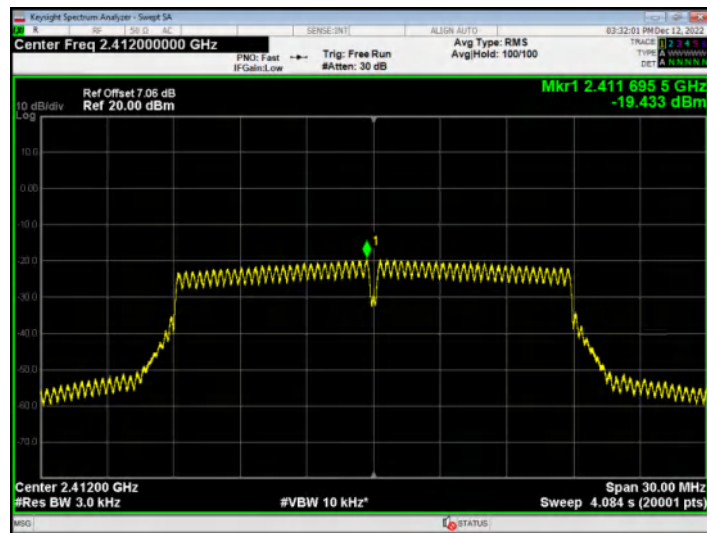
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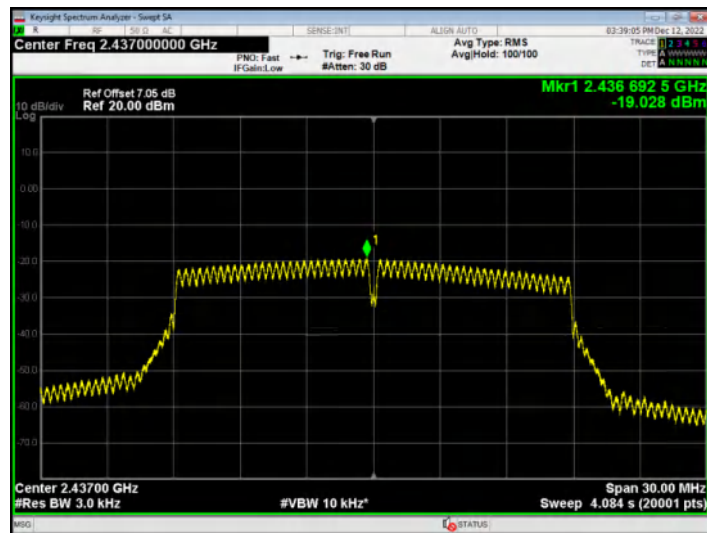
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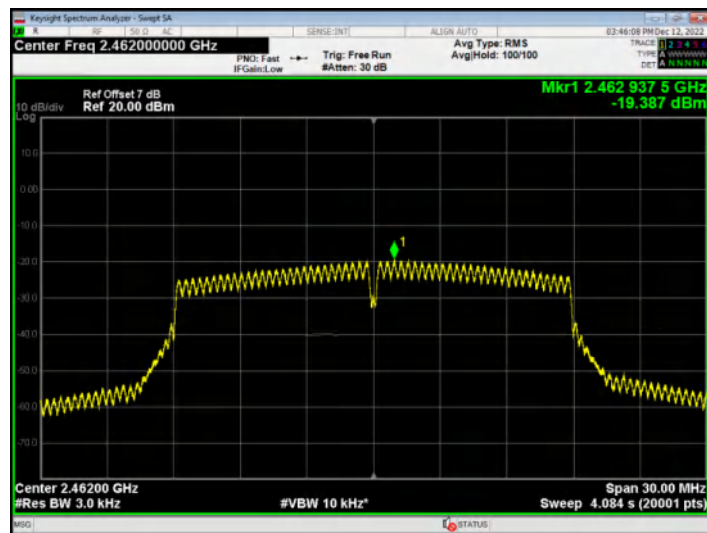
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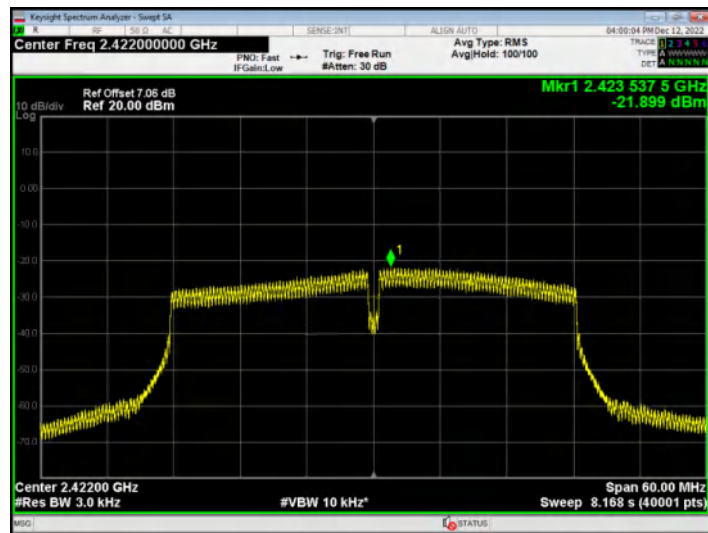
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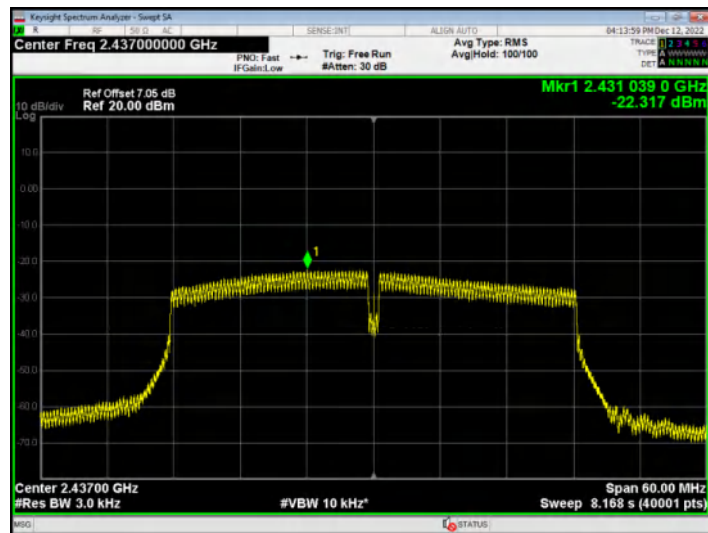
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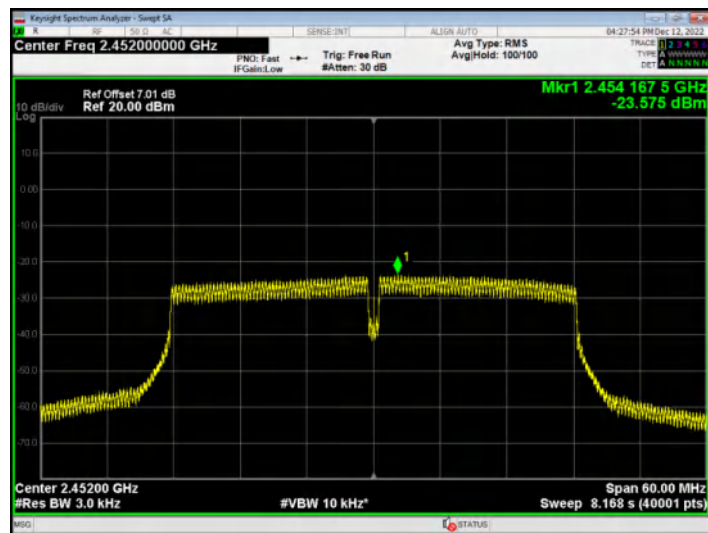
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PSD NVNT n40 2437MHz Ant2



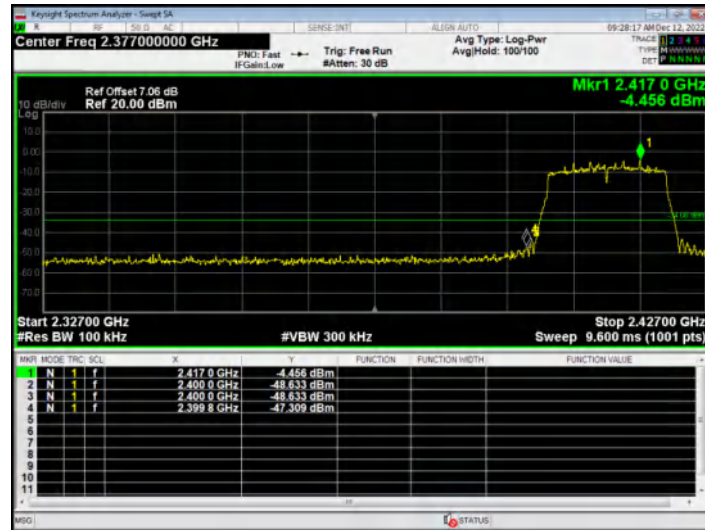
PSD NVNT n40 2452MHz Ant2



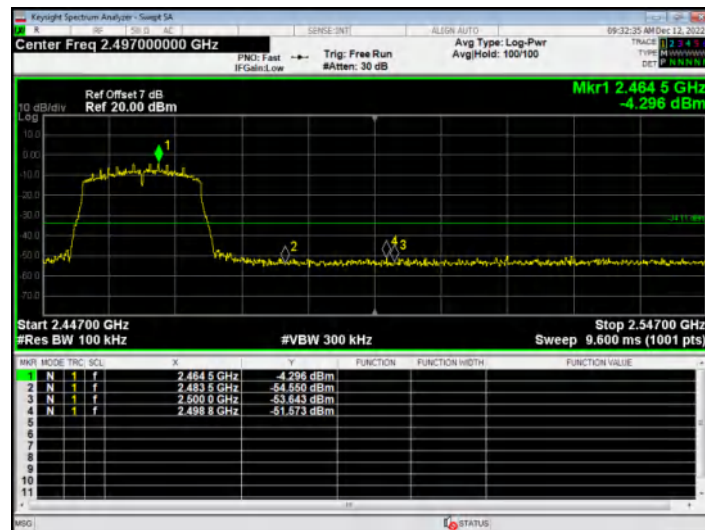
Band Edge

Ant1:

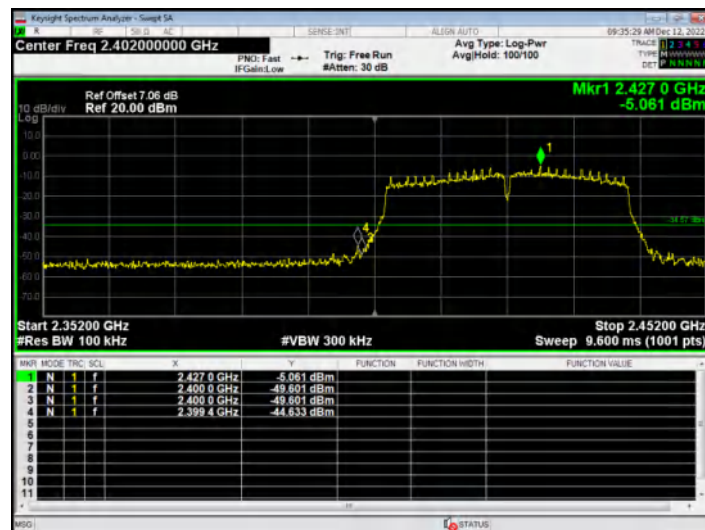
Band Edge NVNT ax20 2412MHz Ant1 Emission



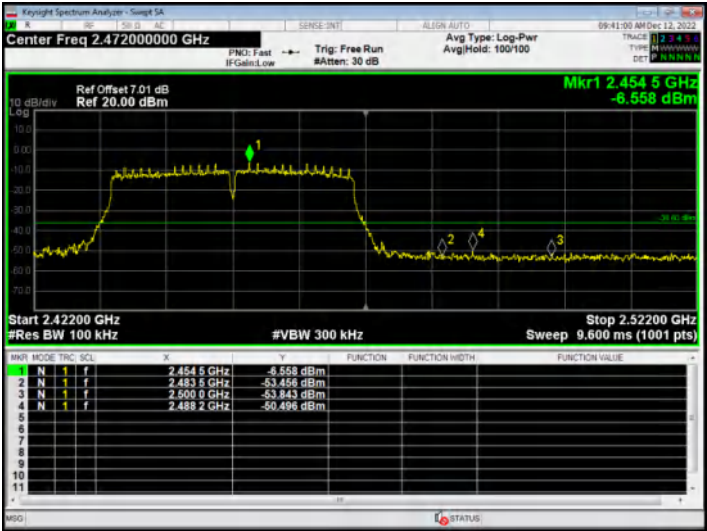
Band Edge NVNT ax20 2462MHz Ant1 Emission



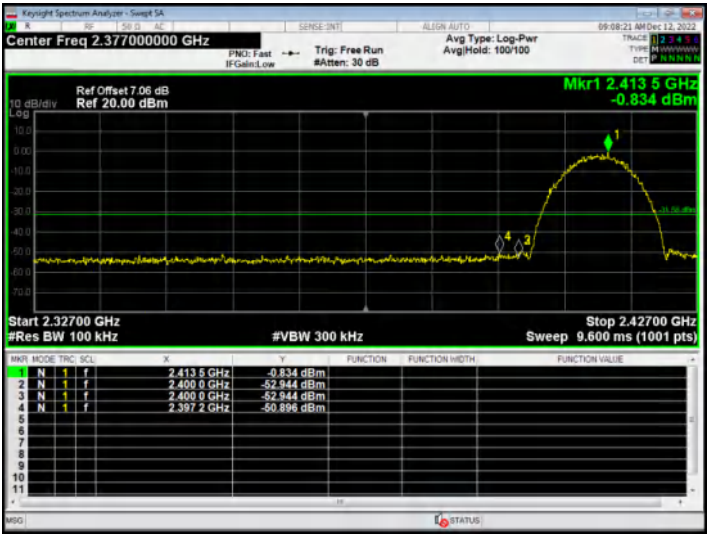
Band Edge NVNT ax40 2422MHz Ant1 Emission



Band Edge NVNT ax40 2452MHz Ant1 Emission



Band Edge NVNT b 2412MHz Ant1 Emission



Band Edge NVNT b 2462MHz Ant1 Emission

