

ShenZhen HYZ Technology Co.,Ltd

FCC ID: 2BTOV-V1

Model:V1

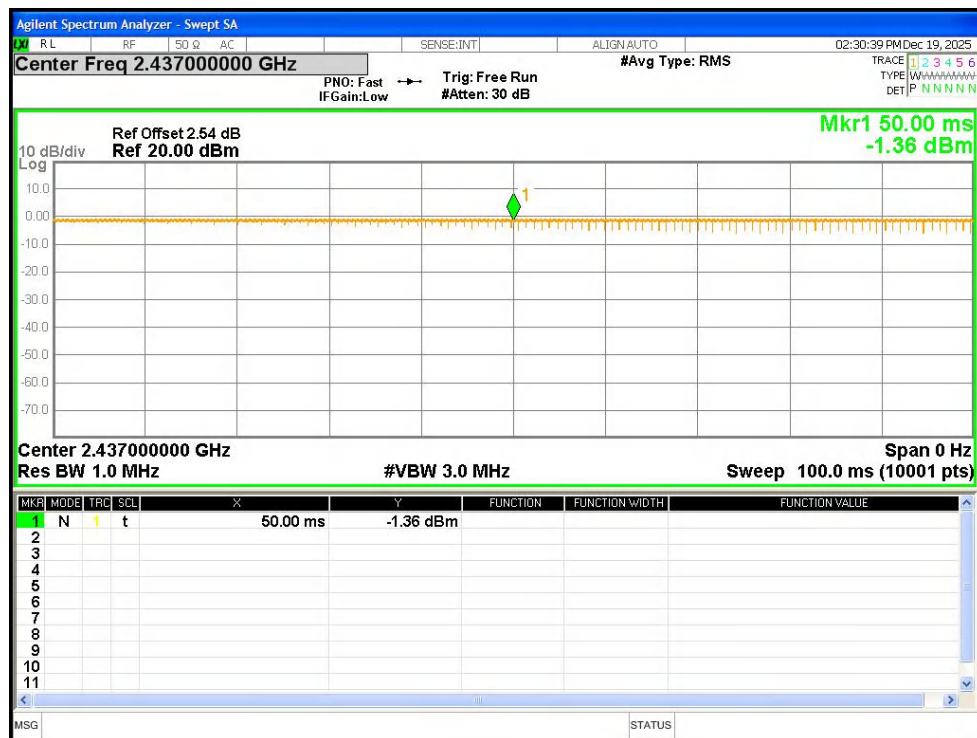
1. Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	100	0	0
NVNT	b	2437	Ant1	100	0	0
NVNT	b	2462	Ant1	100	0	0
NVNT	g	2412	Ant1	100	0	0
NVNT	g	2437	Ant1	100	0	0
NVNT	g	2462	Ant1	100	0	0
NVNT	n20	2412	Ant1	100	0	0
NVNT	n20	2437	Ant1	100	0	0
NVNT	n20	2462	Ant1	100	0	0
NVNT	n40	2422	Ant1	100	0	0
NVNT	n40	2437	Ant1	100	0	0
NVNT	n40	2452	Ant1	100	0	0

Report



Duty Cycle NVNT b 2412MHz Ant1

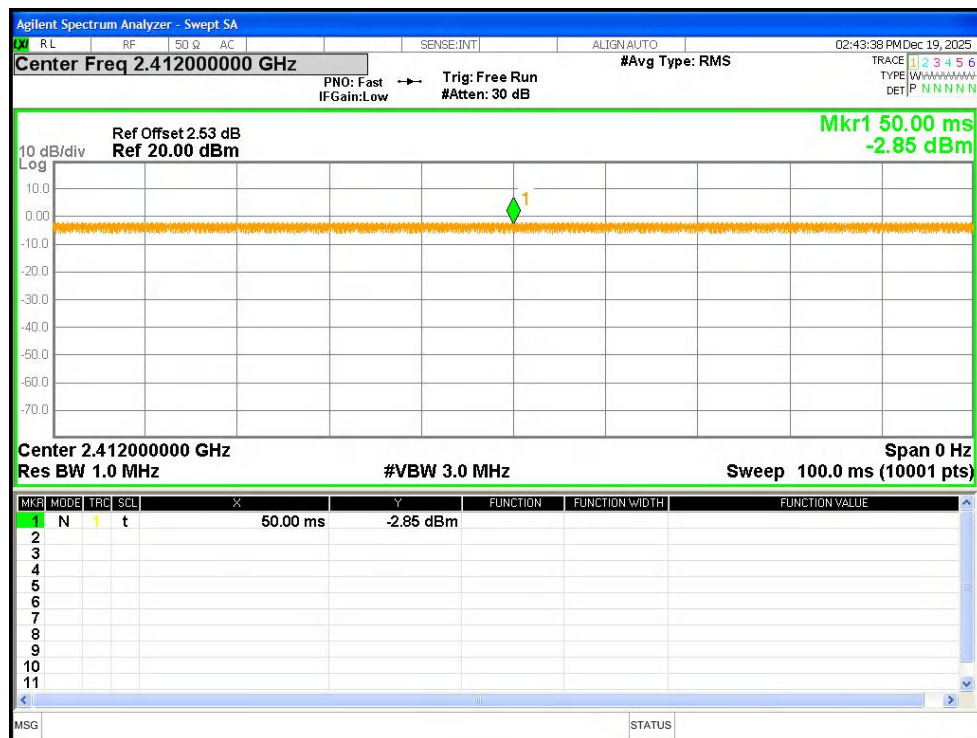


Duty Cycle NVNT b 2437MHz Ant1

Report



Duty Cycle NVNT b 2462MHz Ant1

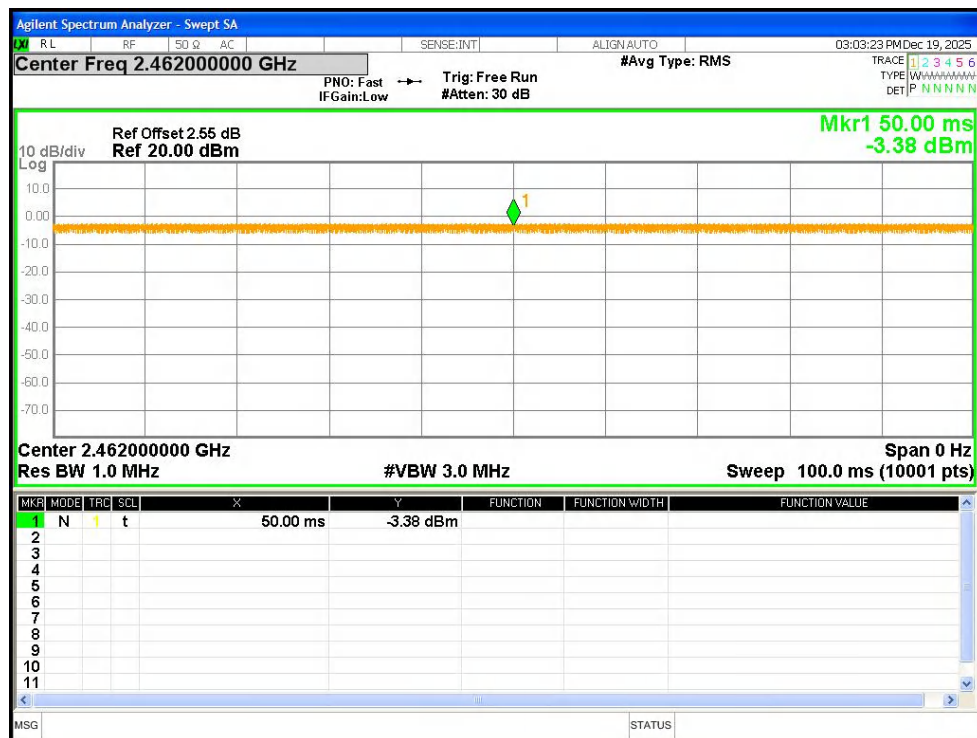


Duty Cycle NVNT g 2412MHz Ant1

Report

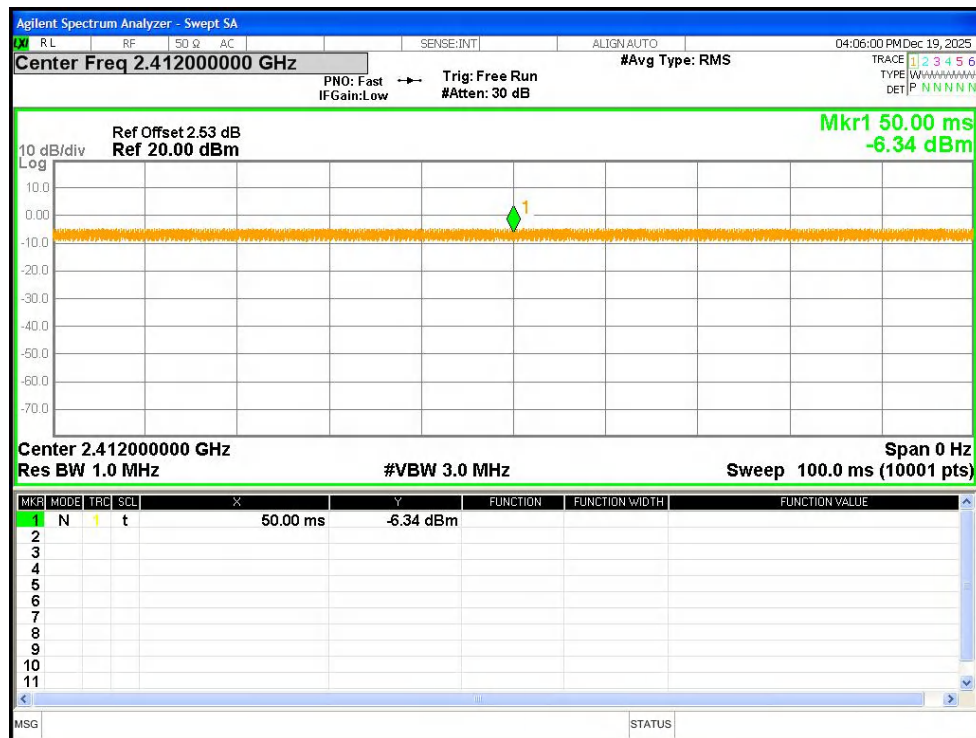


Duty Cycle NVNT g 2437MHz Ant1

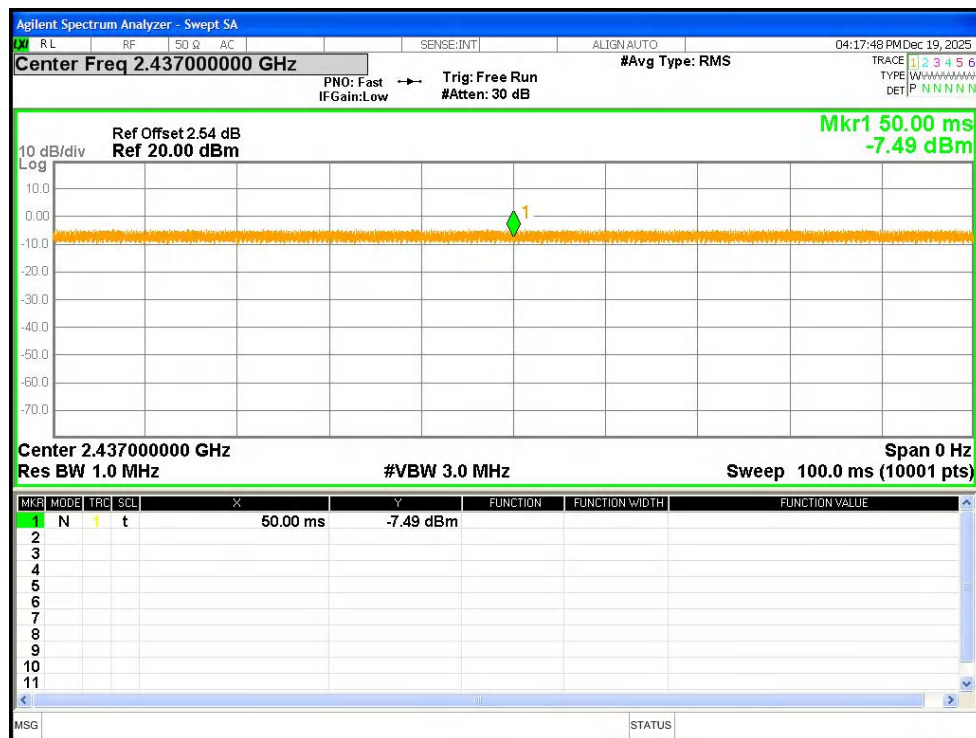


Duty Cycle NVNT g 2462MHz Ant1

Report

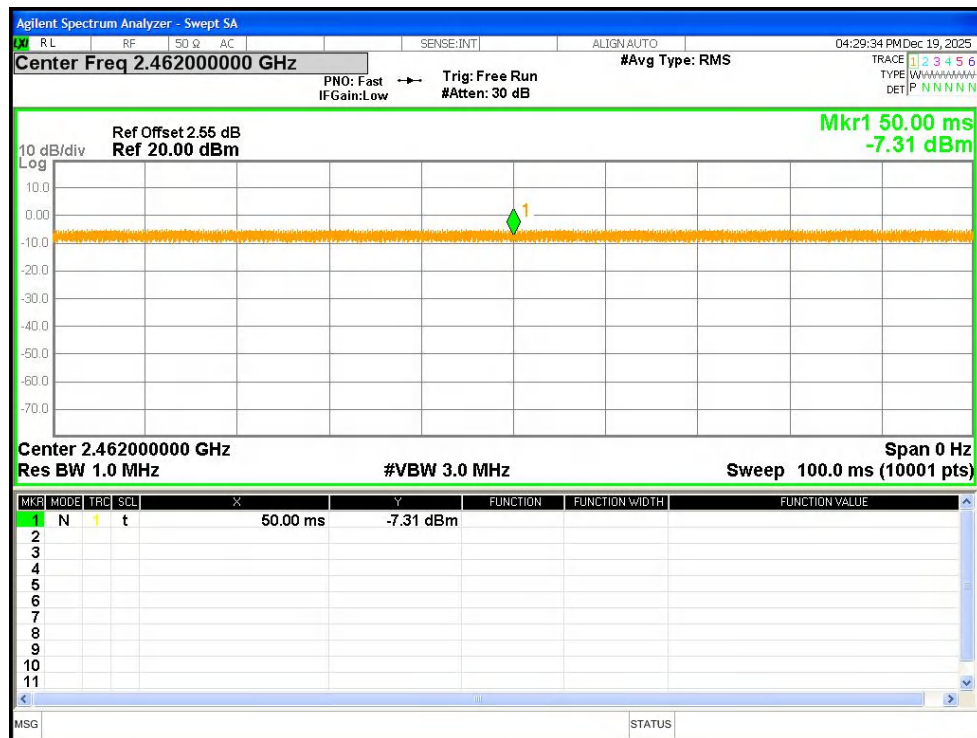


Duty Cycle NVNT n20 2412MHz Ant1

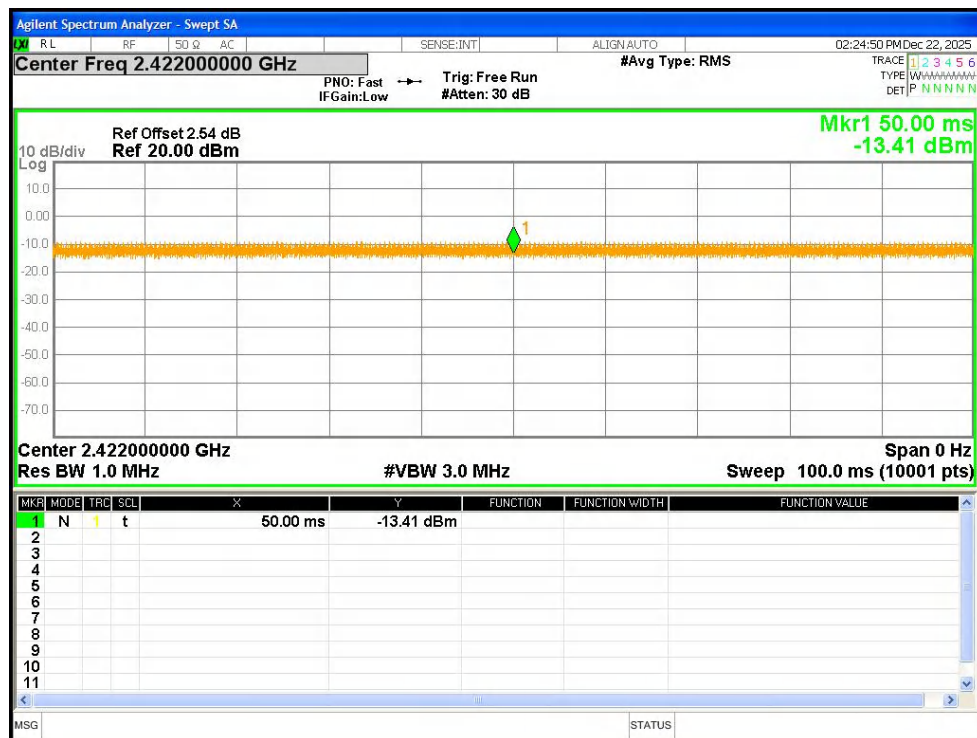


Duty Cycle NVNT n20 2437MHz Ant1

Report

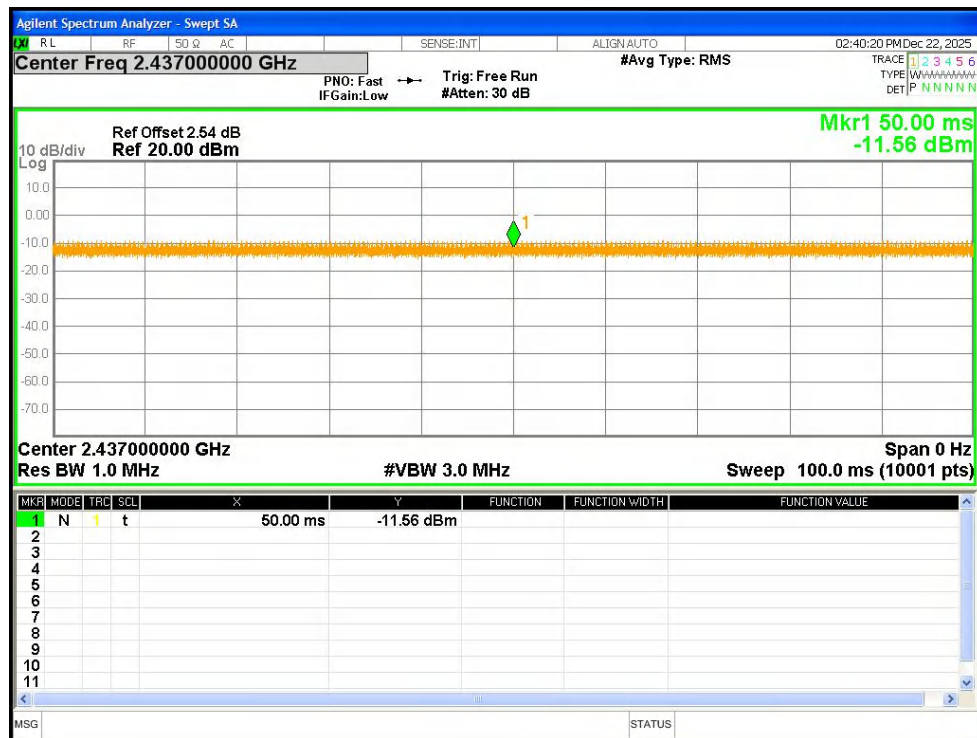


Duty Cycle NVNT n20 2462MHz Ant1

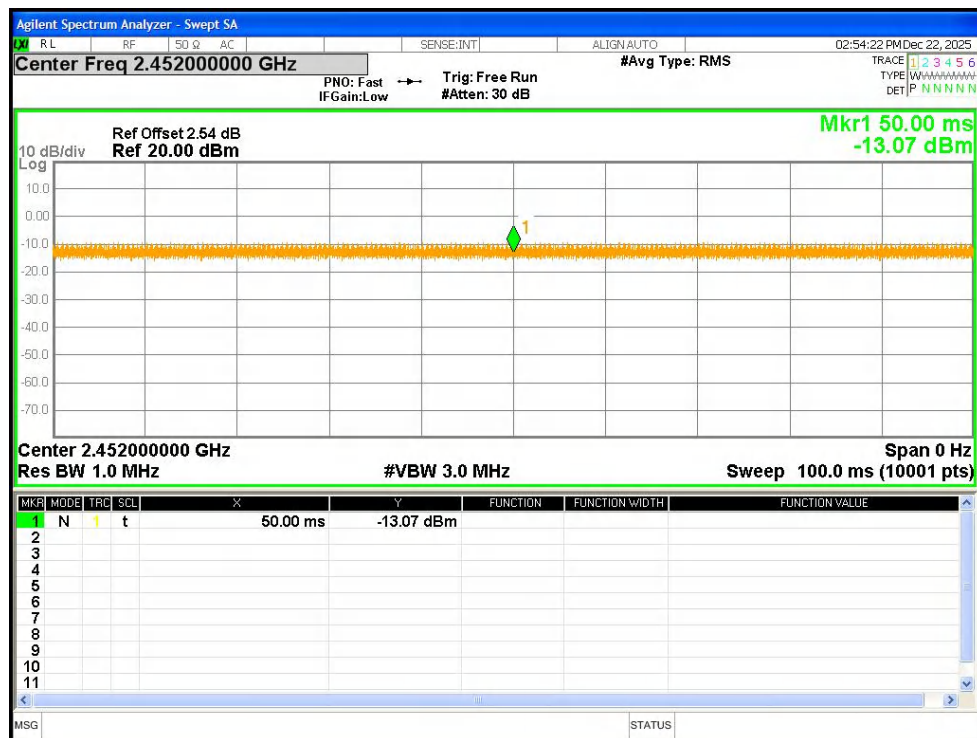


Duty Cycle NVNT n40 2422MHz Ant1

Report



Duty Cycle NVNT n40 2437MHz Ant1

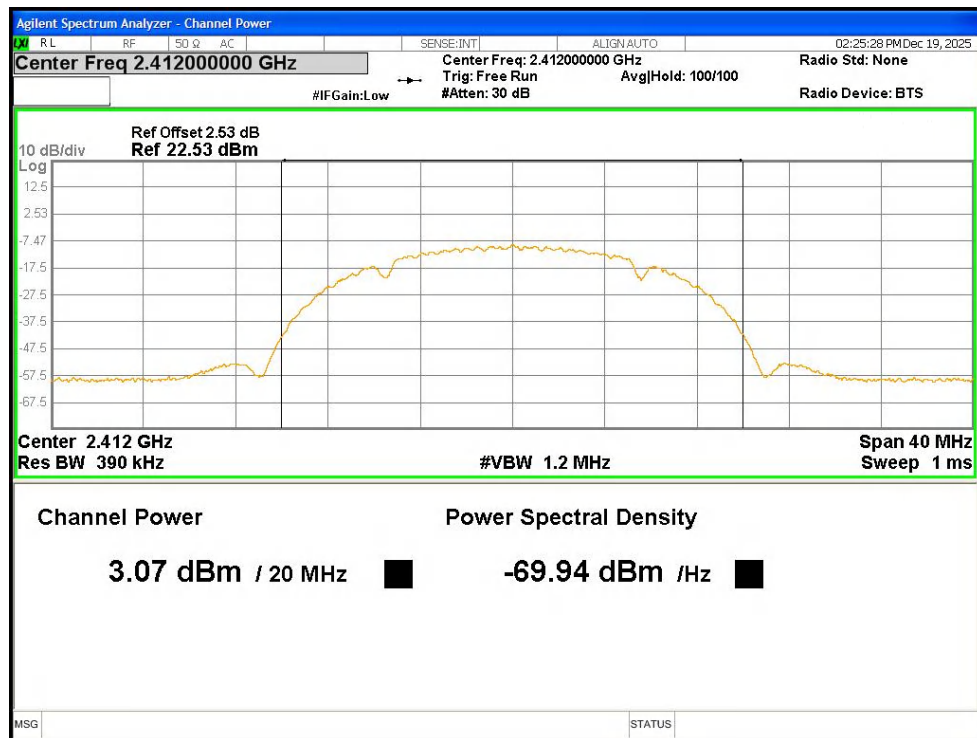


Duty Cycle NVNT n40 2452MHz Ant1

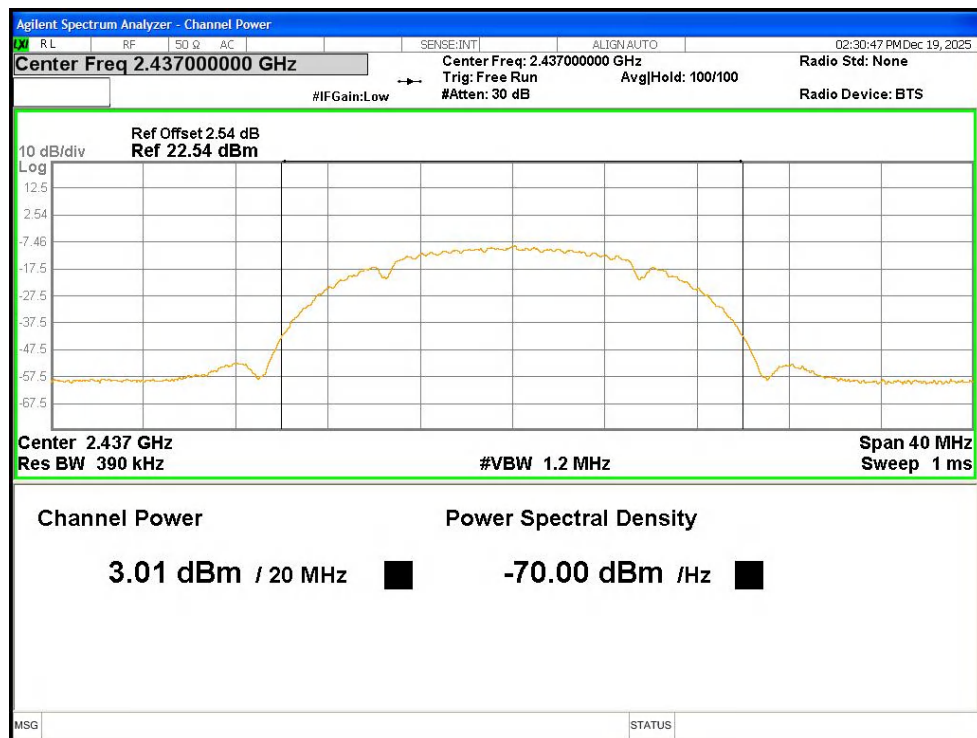
2. Maximum Average Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	3.07	0	3.07	30	Pass
NVNT	b	2437	Ant1	3.01	0	3.01	30	Pass
NVNT	b	2462	Ant1	2.52	0	2.52	30	Pass
NVNT	g	2412	Ant1	3.93	0	3.93	30	Pass
NVNT	g	2437	Ant1	4.01	0	4.01	30	Pass
NVNT	g	2462	Ant1	3.65	0	3.65	30	Pass
NVNT	n20	2412	Ant1	3.12	0	3.12	30	Pass
NVNT	n20	2437	Ant1	2.84	0	2.84	30	Pass
NVNT	n20	2462	Ant1	2.63	0	2.63	30	Pass
NVNT	n40	2422	Ant1	3.79	0	3.79	30	Pass
NVNT	n40	2437	Ant1	3.64	0	3.64	30	Pass
NVNT	n40	2452	Ant1	3.41	0	3.41	30	Pass

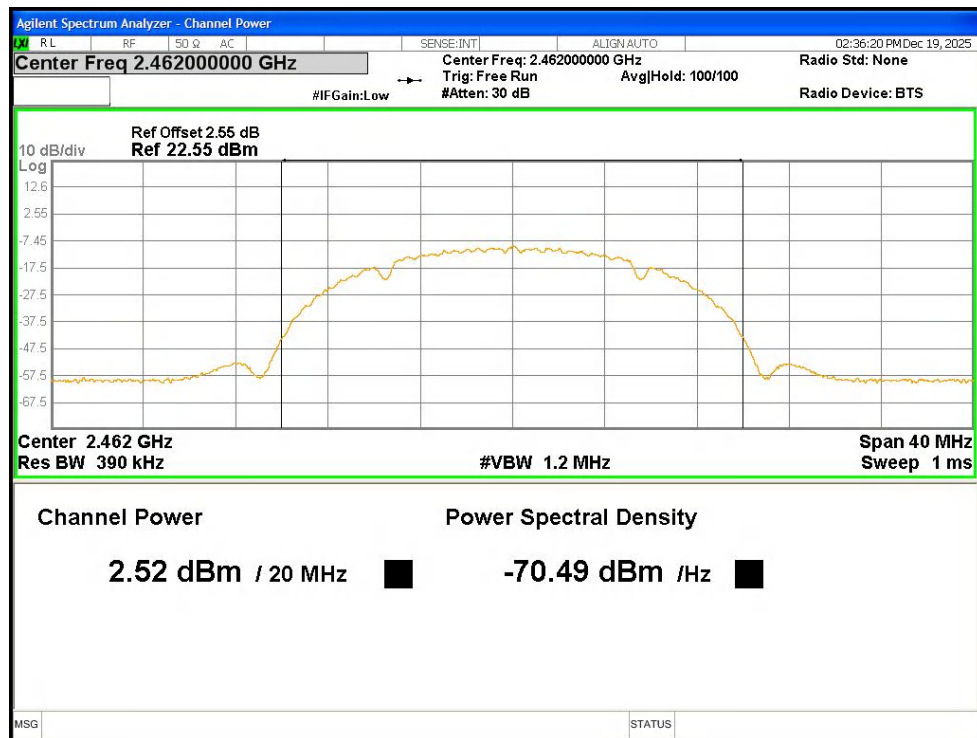
Report



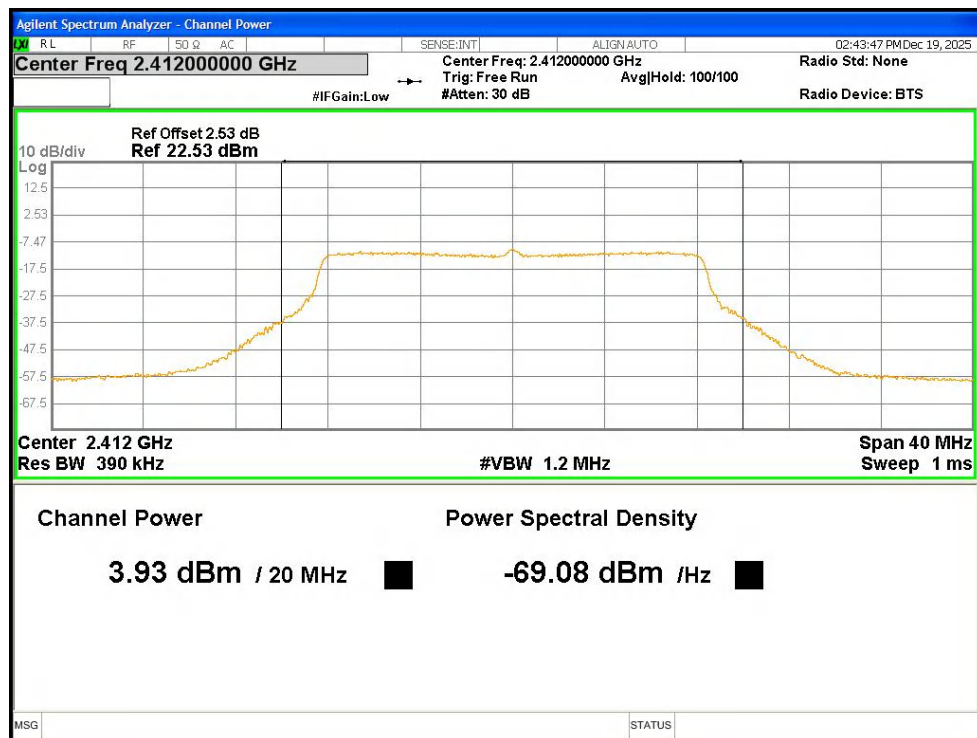
Average Power NVNT b 2412MHz Ant1



Average Power NVNT b 2437MHz Ant1

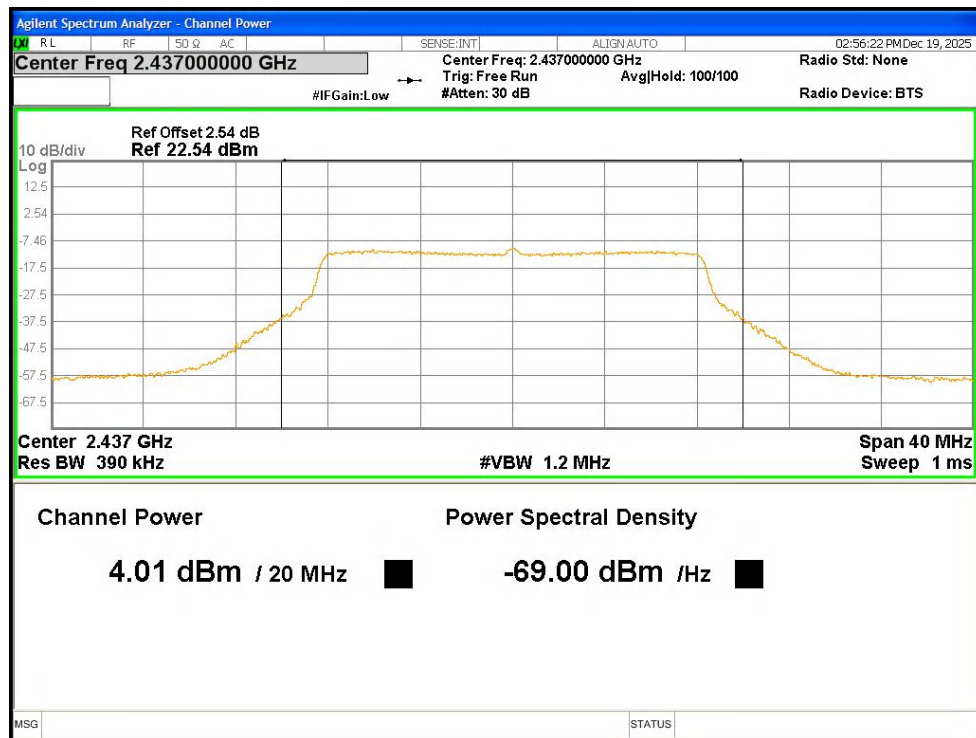


Average Power NVNT b 2462MHz Ant1

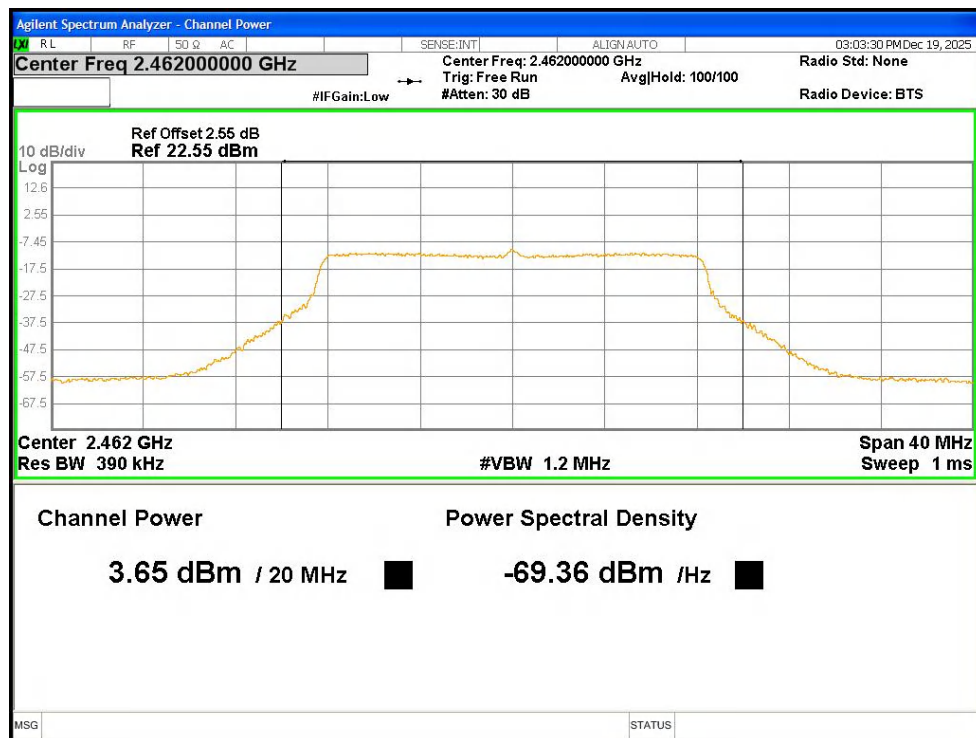


Average Power NVNT g 2412MHz Ant1

Report

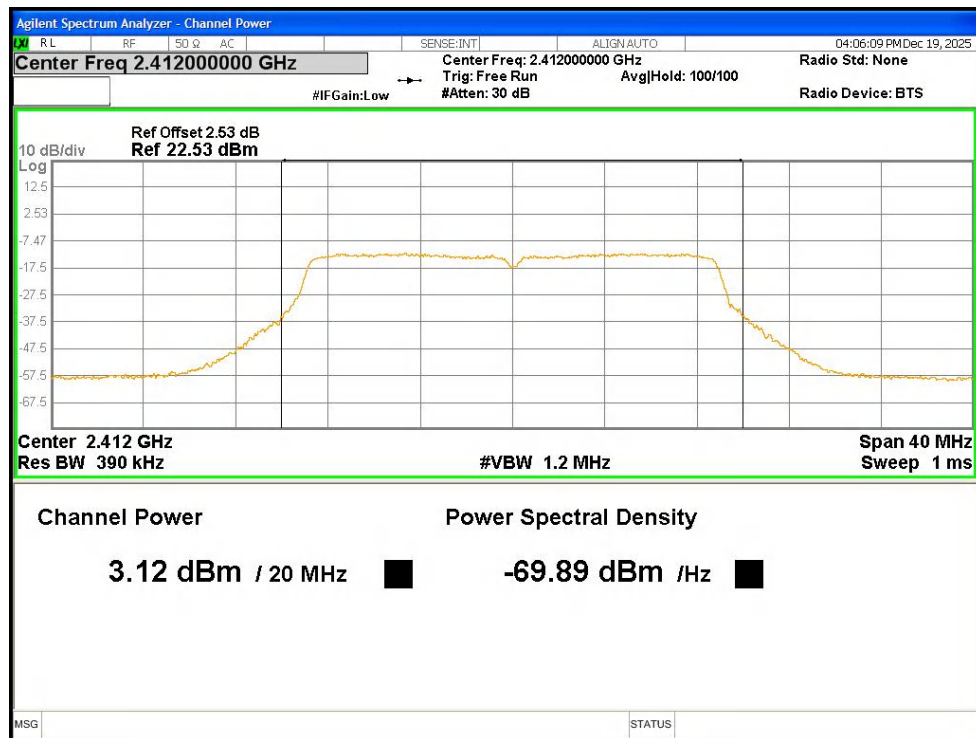


Average Power NVNT g 2437MHz Ant1

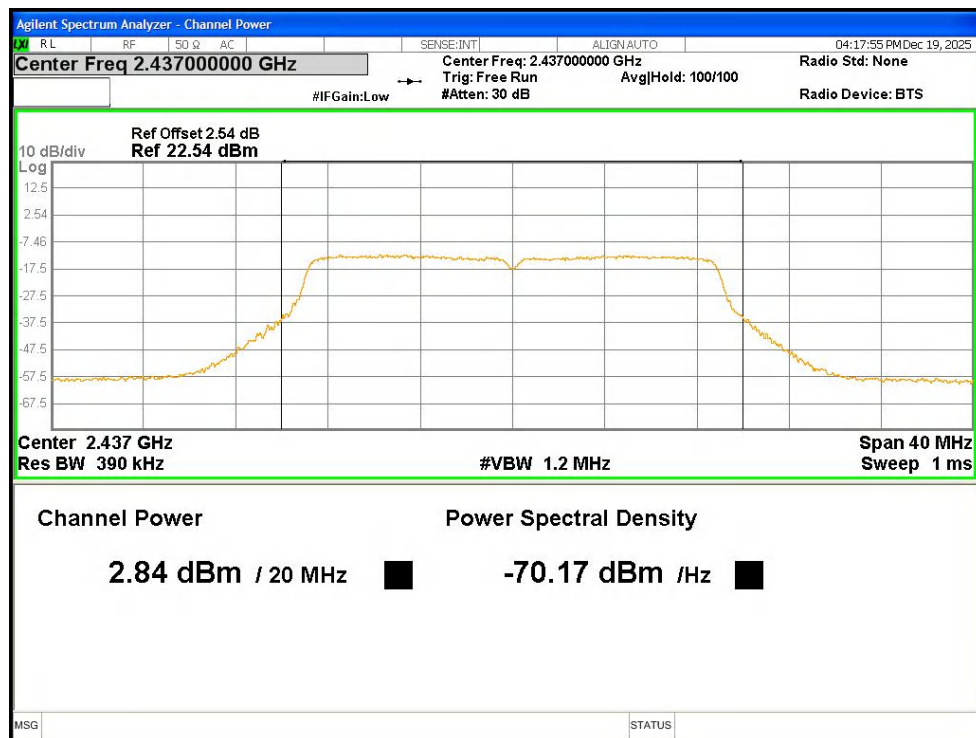


Average Power NVNT g 2462MHz Ant1

Report

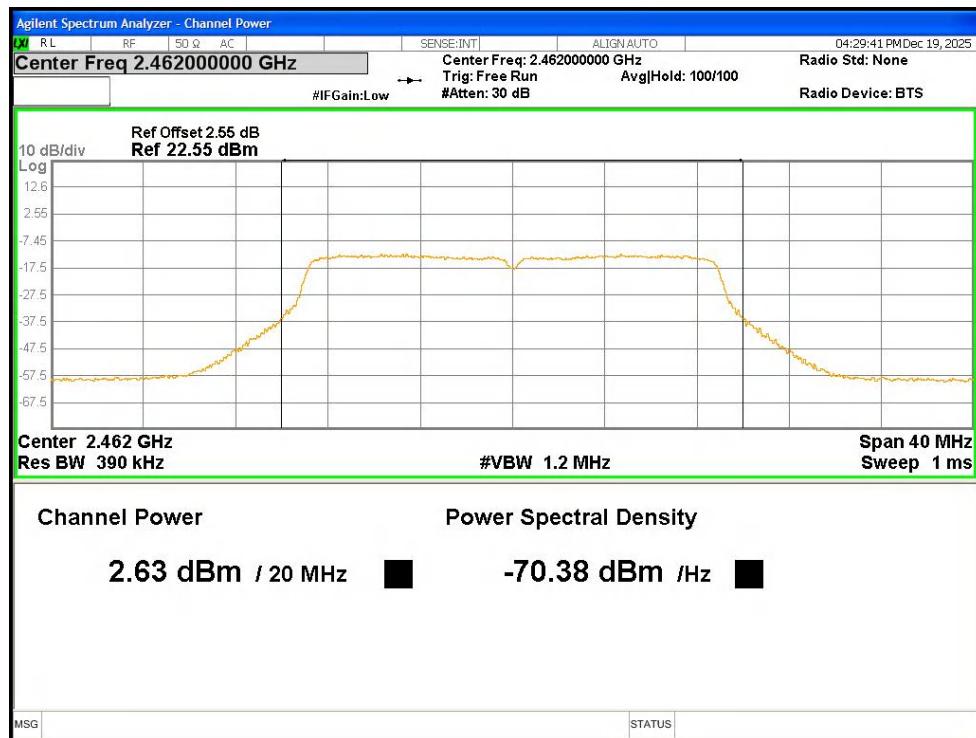


Average Power NVNT n20 2412MHz Ant1

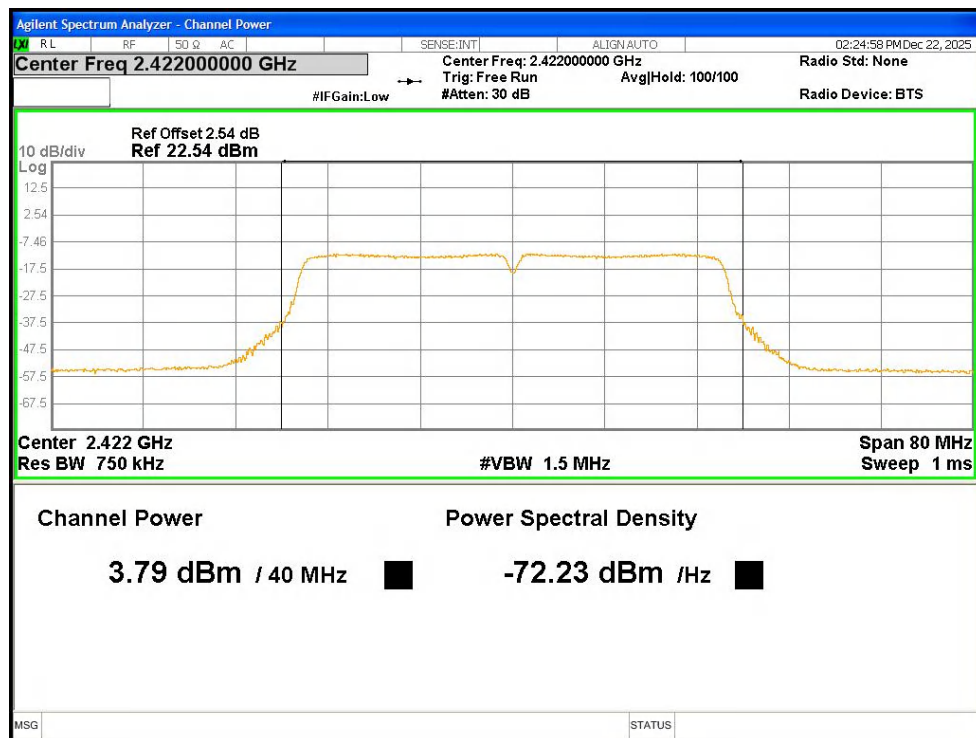


Average Power NVNT n20 2437MHz Ant1

Report

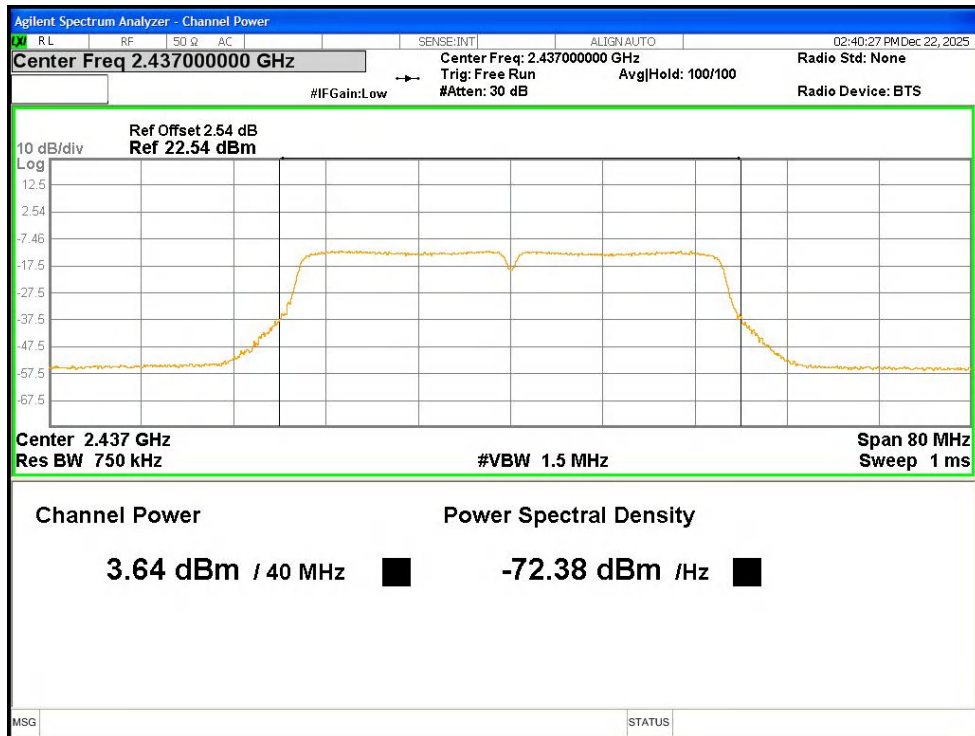


Average Power NVNT n20 2462MHz Ant1

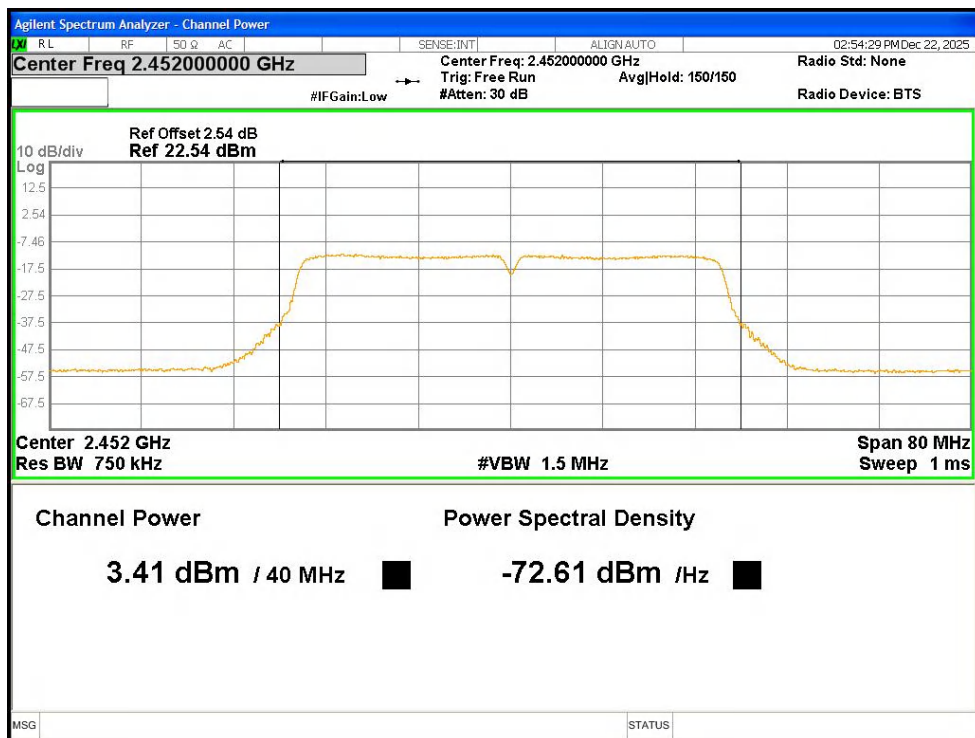


Average Power NVNT n40 2422MHz Ant1

Report



Average Power NVNT n40 2437MHz Ant1

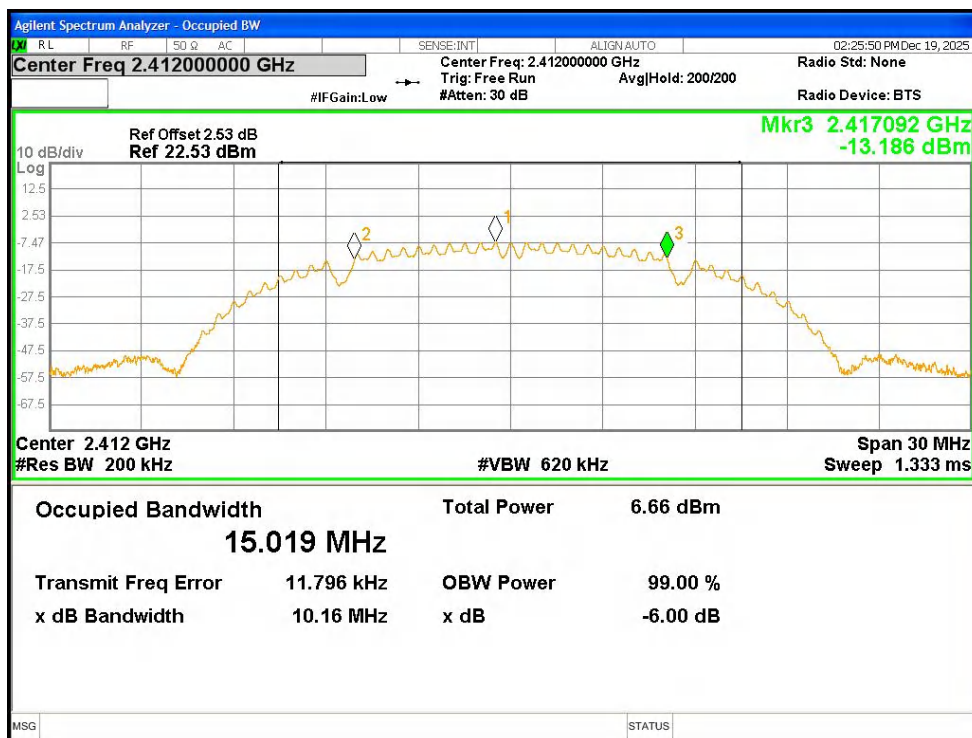


Average Power NVNT n40 2452MHz Ant1

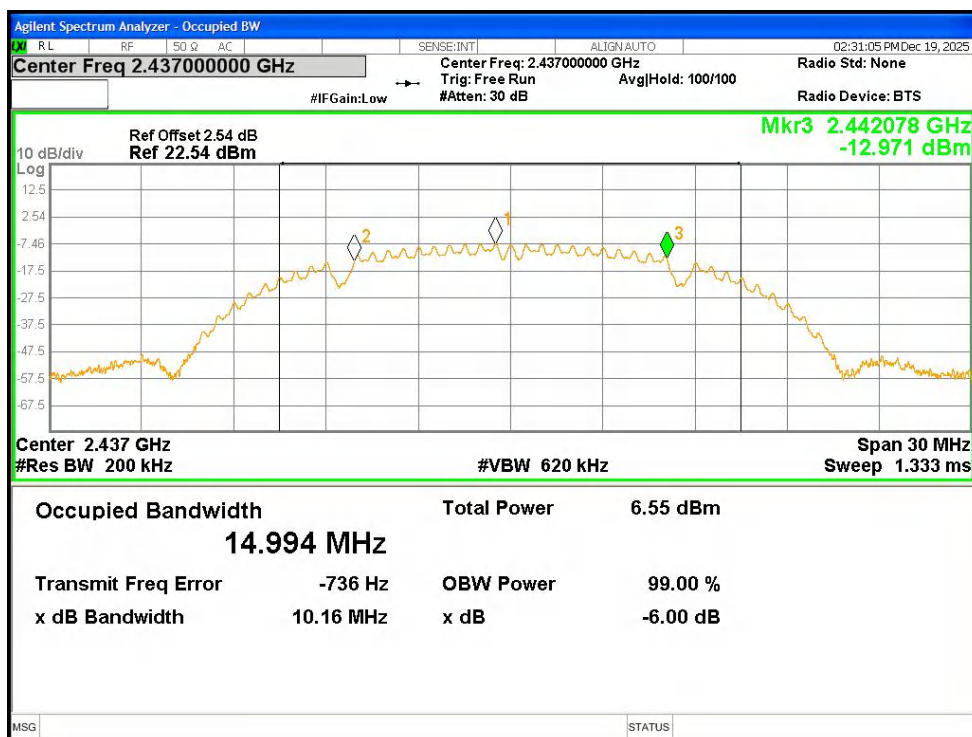
3. -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	10.16	0.5	Pass
NVNT	b	2437	Ant1	10.158	0.5	Pass
NVNT	b	2462	Ant1	10.157	0.5	Pass
NVNT	g	2412	Ant1	16.528	0.5	Pass
NVNT	g	2437	Ant1	16.464	0.5	Pass
NVNT	g	2462	Ant1	16.399	0.5	Pass
NVNT	n20	2412	Ant1	17.619	0.5	Pass
NVNT	n20	2437	Ant1	17.631	0.5	Pass
NVNT	n20	2462	Ant1	17.624	0.5	Pass
NVNT	n40	2422	Ant1	36.446	0.5	Pass
NVNT	n40	2437	Ant1	36.44	0.5	Pass
NVNT	n40	2452	Ant1	36.228	0.5	Pass

Report

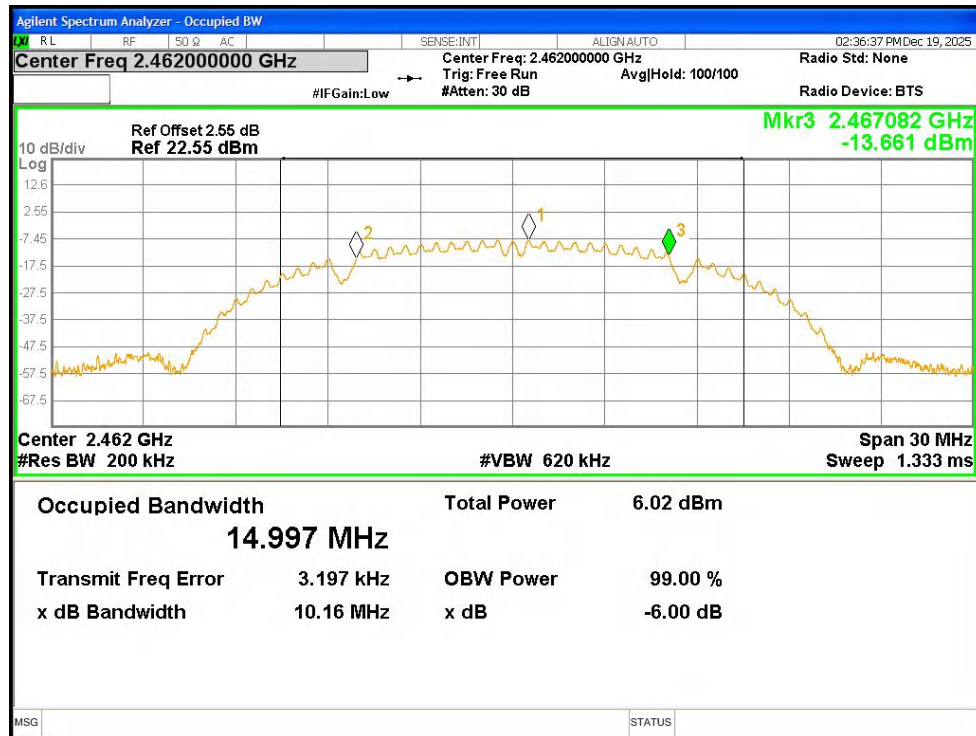


-6dB Bandwidth NVNT b 2412MHz Ant1

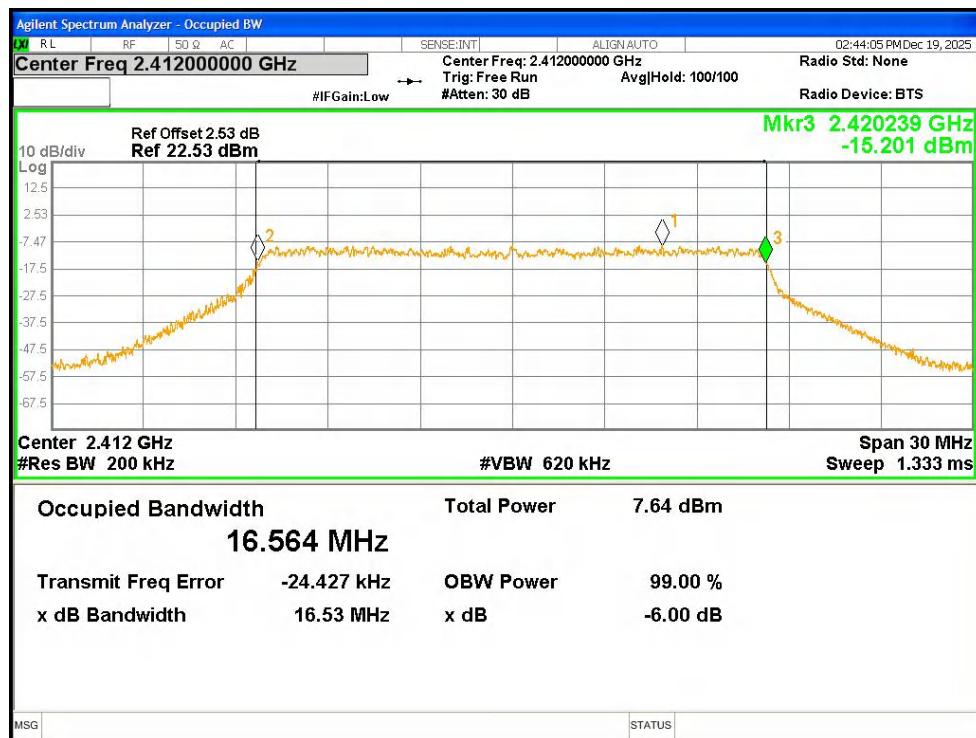


-6dB Bandwidth NVNT b 2437MHz Ant1

Report

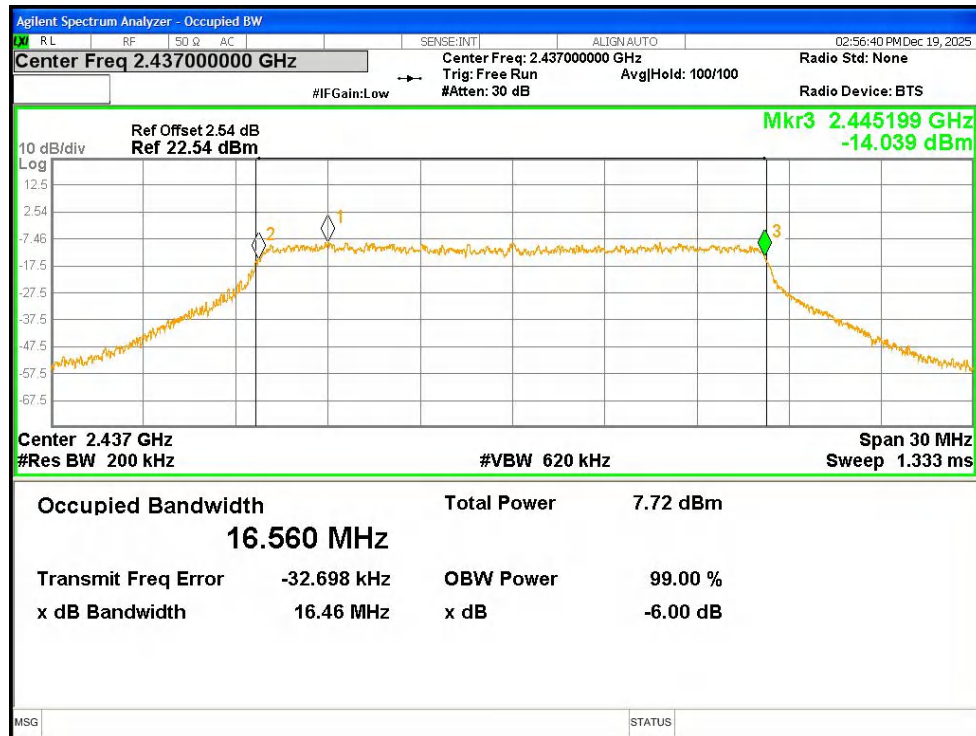


-6dB Bandwidth NVNT b 2462MHz Ant1

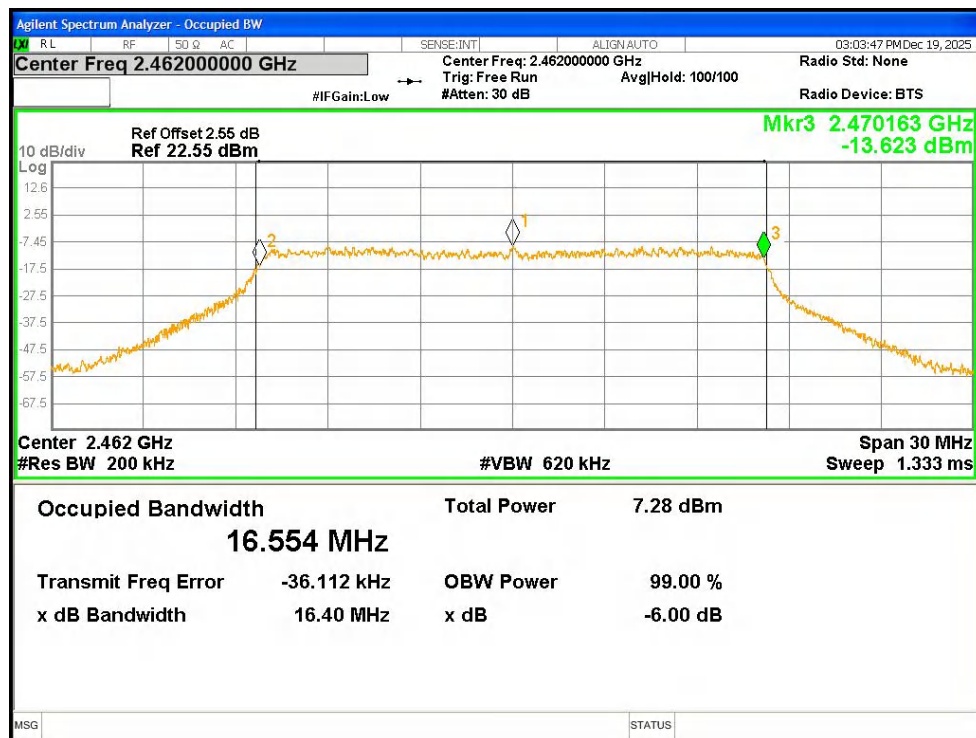


-6dB Bandwidth NVNT g 2412MHz Ant1

Report

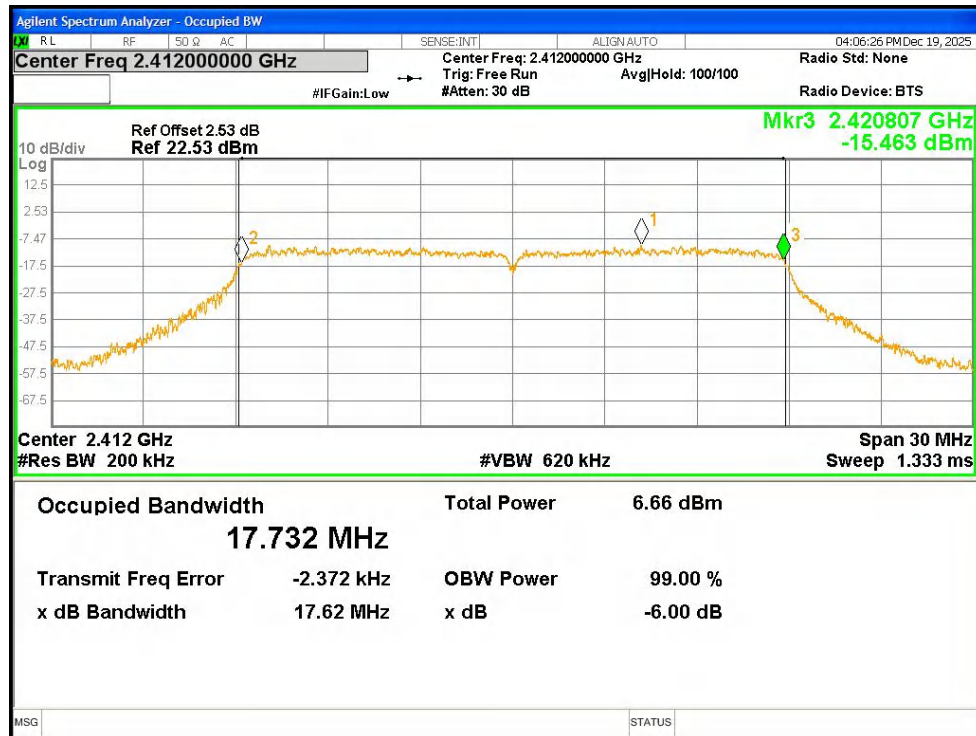


-6dB Bandwidth NVNT g 2437MHz Ant1

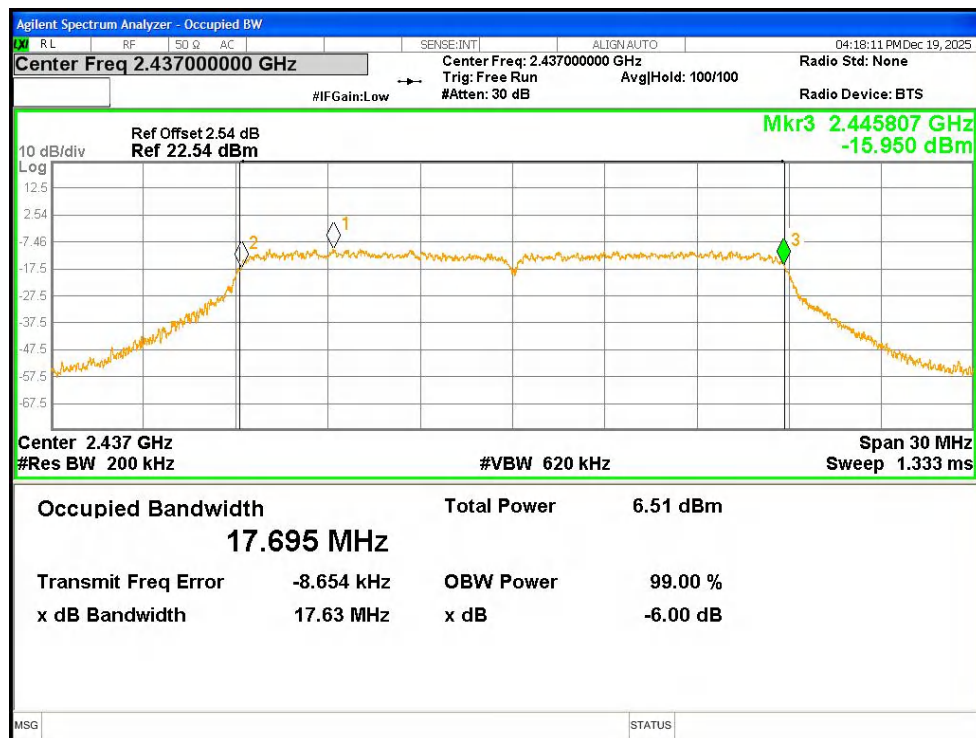


-6dB Bandwidth NVNT g 2462MHz Ant1

Report

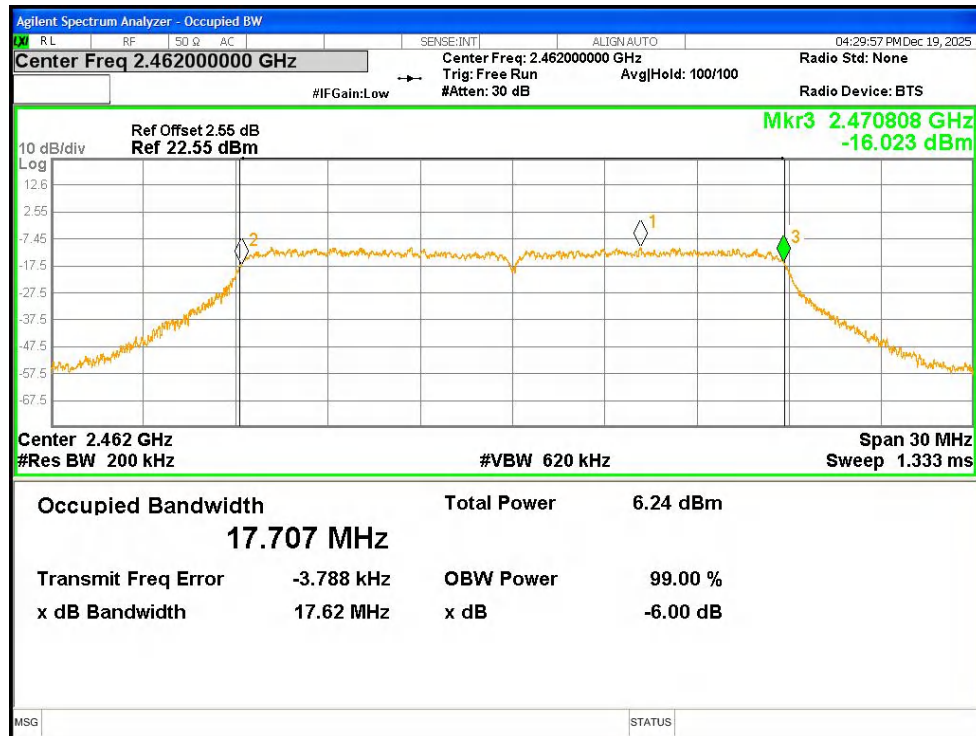


-6dB Bandwidth NVNT n20 2412MHz Ant1

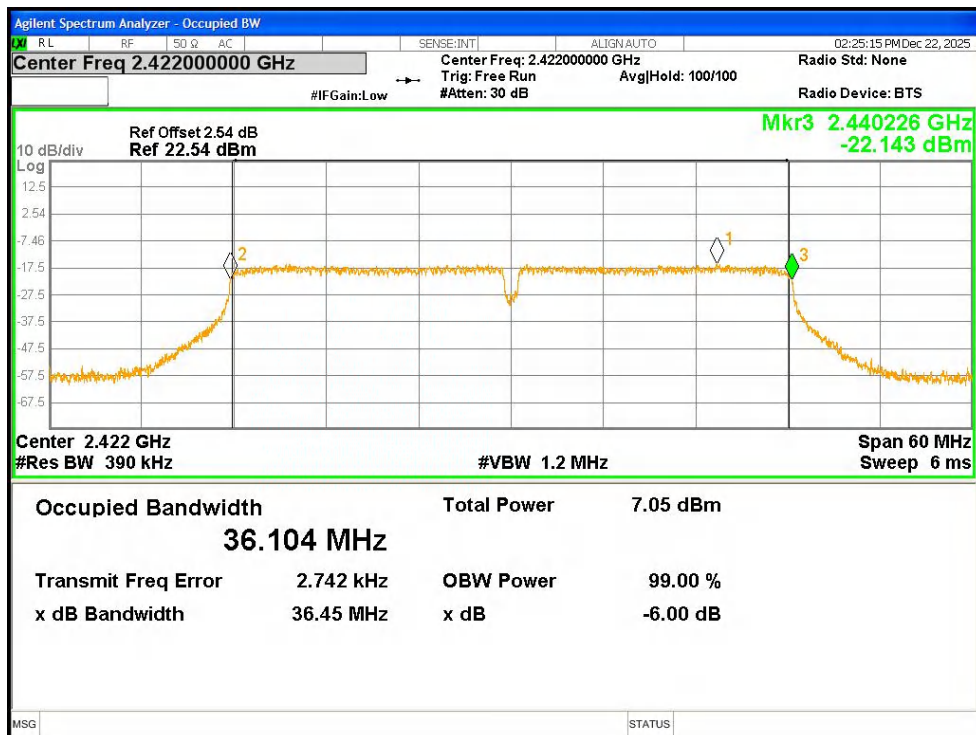


-6dB Bandwidth NVNT n20 2437MHz Ant1

Report

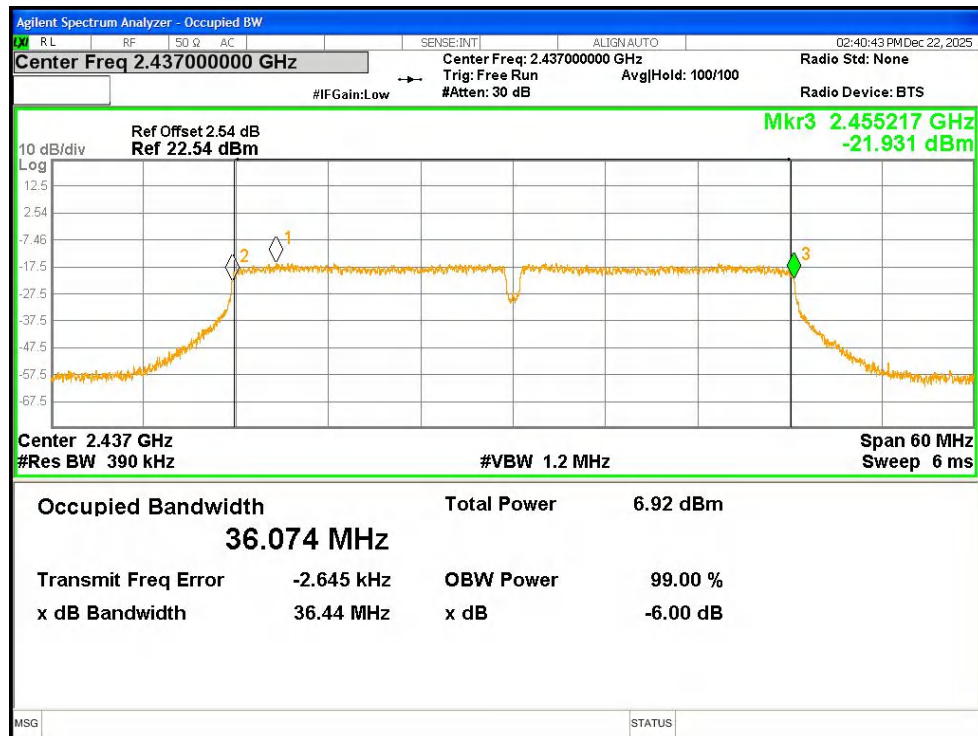


-6dB Bandwidth NVNT n20 2462MHz Ant1

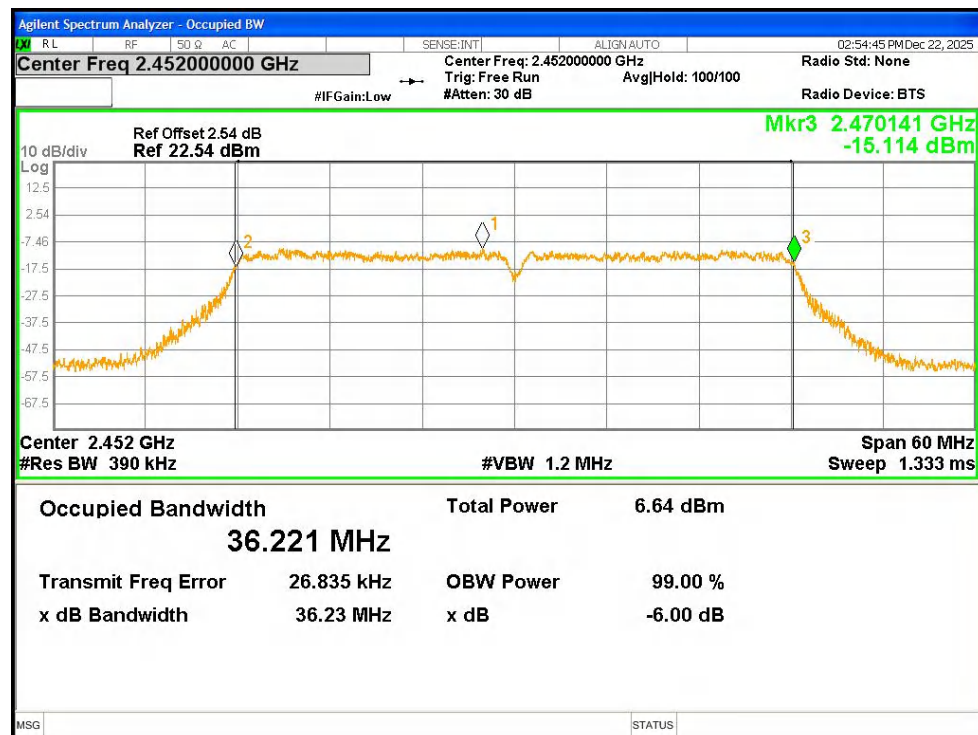


-6dB Bandwidth NVNT n40 2422MHz Ant1

Report



-6dB Bandwidth NVNT n40 2437MHz Ant1

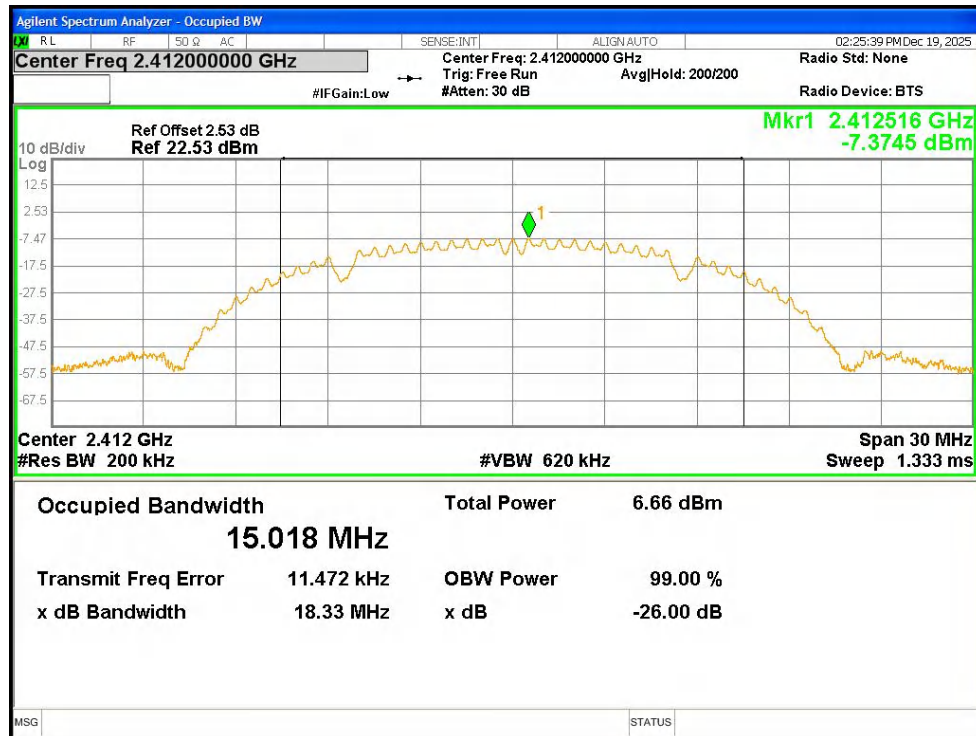


-6dB Bandwidth NVNT n40 2452MHz Ant1

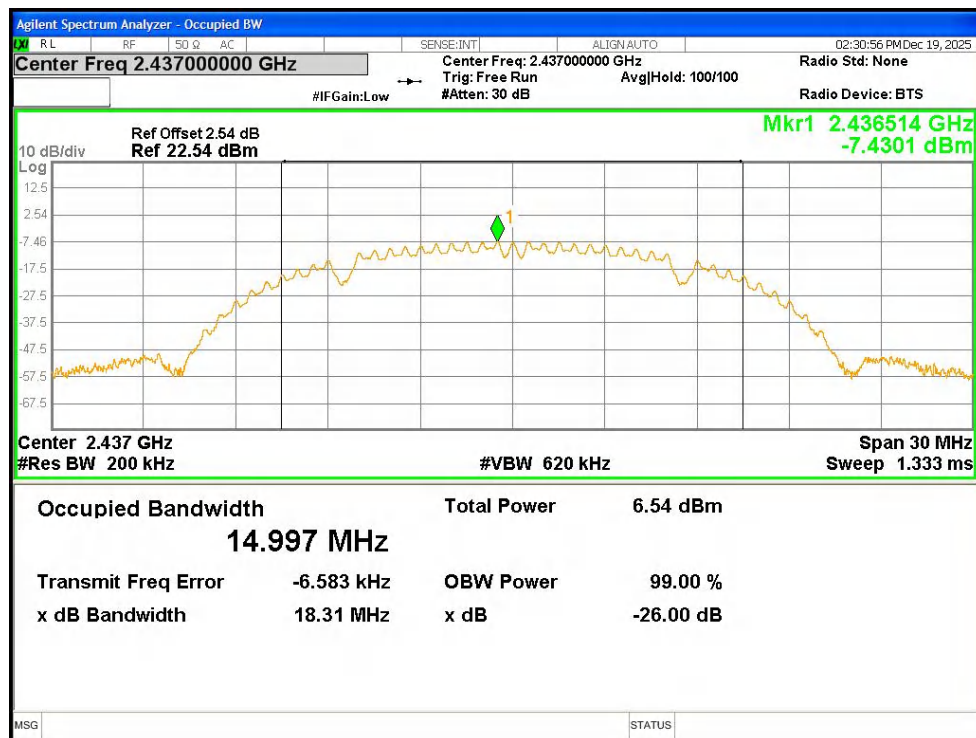
4. Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	15.018
NVNT	b	2437	Ant1	14.997
NVNT	b	2462	Ant1	14.993
NVNT	g	2412	Ant1	16.538
NVNT	g	2437	Ant1	16.527
NVNT	g	2462	Ant1	16.558
NVNT	n20	2412	Ant1	17.724
NVNT	n20	2437	Ant1	17.678
NVNT	n20	2462	Ant1	17.715
NVNT	n40	2422	Ant1	36.267
NVNT	n40	2437	Ant1	36.198
NVNT	n40	2452	Ant1	36.254

Report

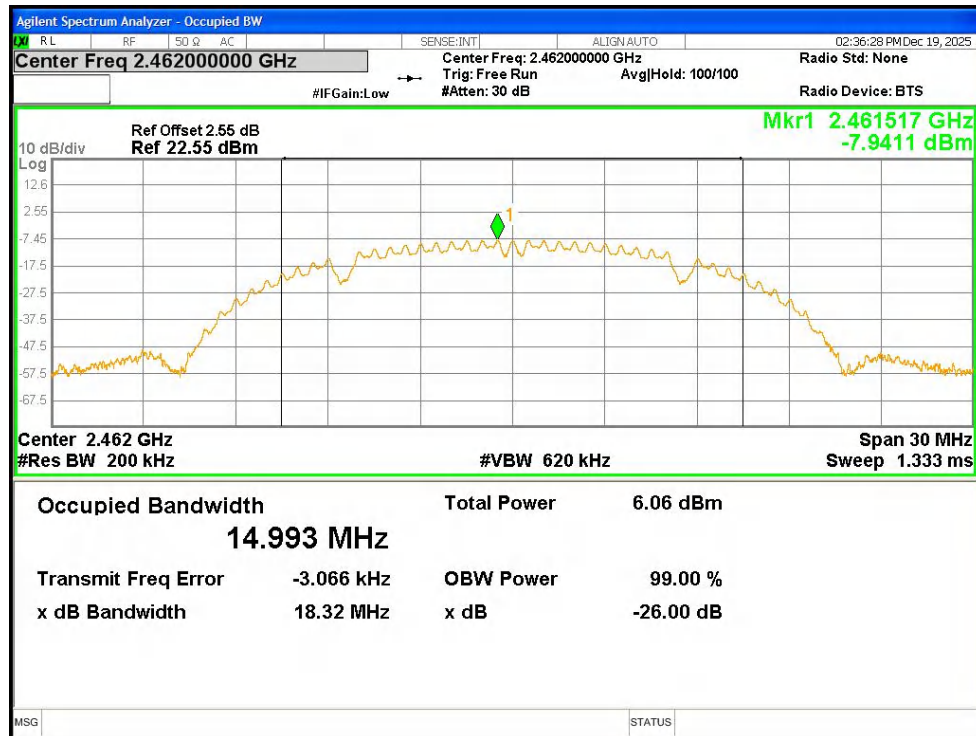


OBW NVNT b 2412MHz Ant1

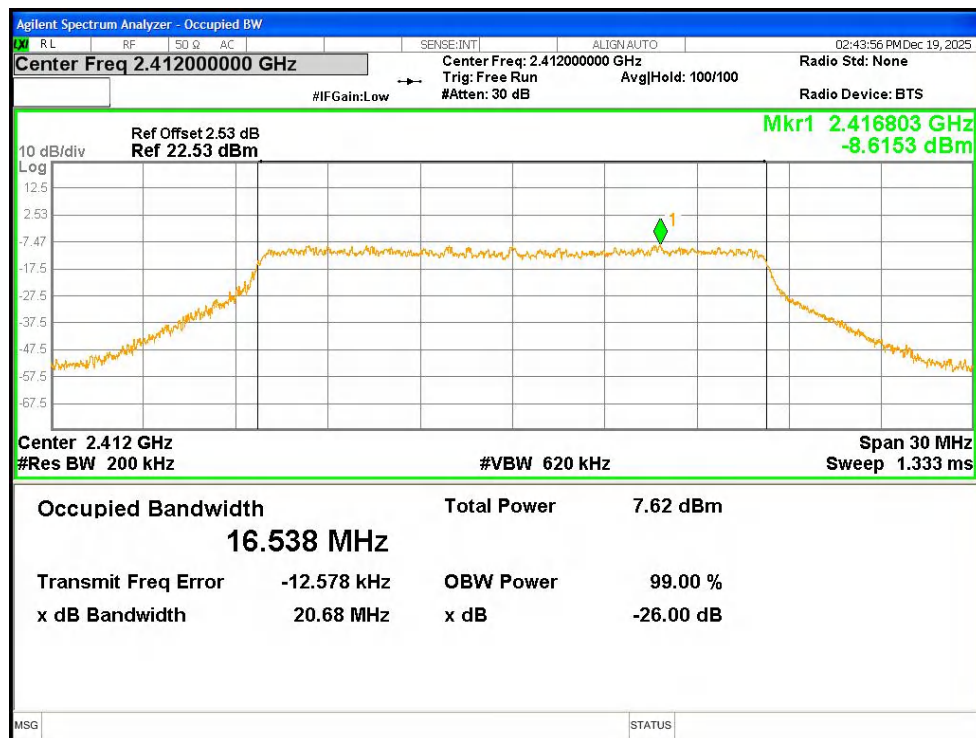


OBW NVNT b 2437MHz Ant1

Report

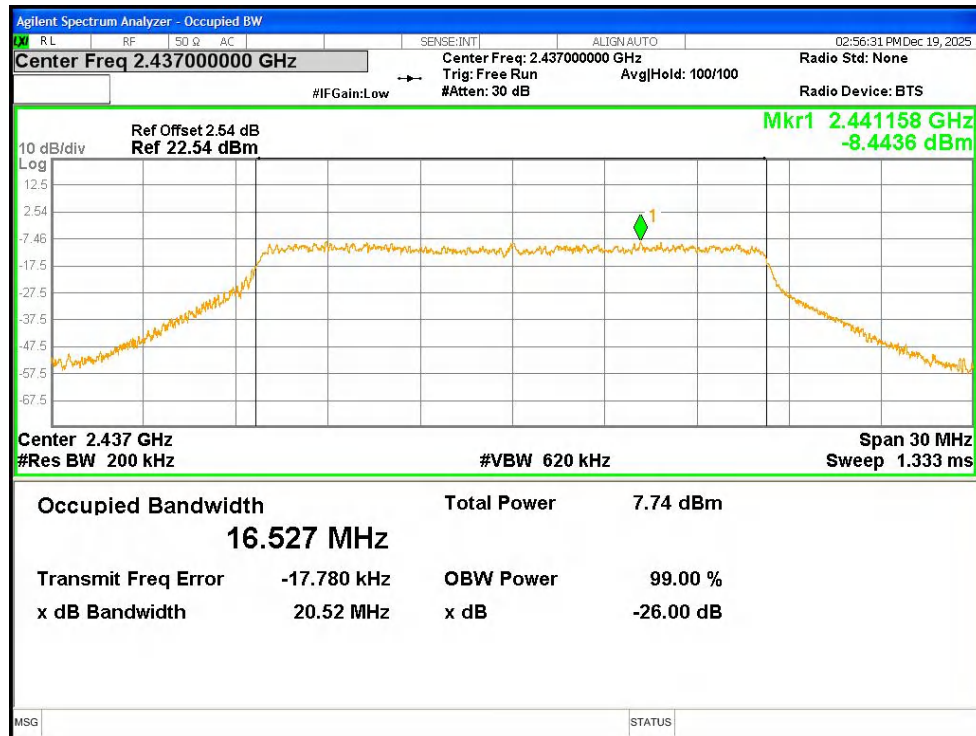


OBW NVNT b 2462MHz Ant1

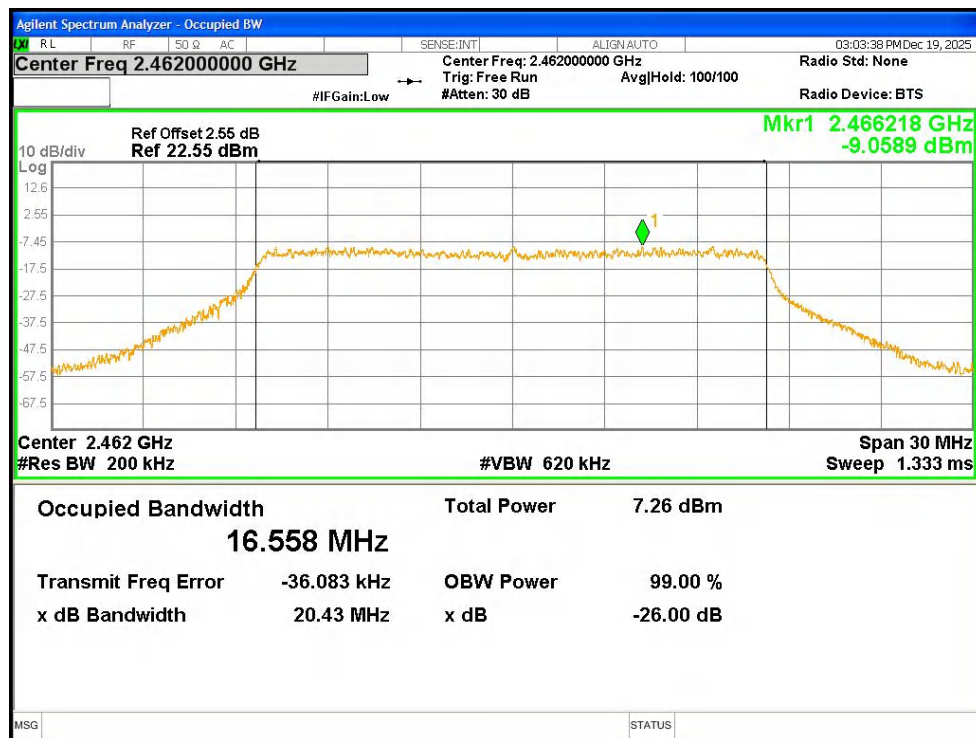


OBW NVNT g 2412MHz Ant1

Report

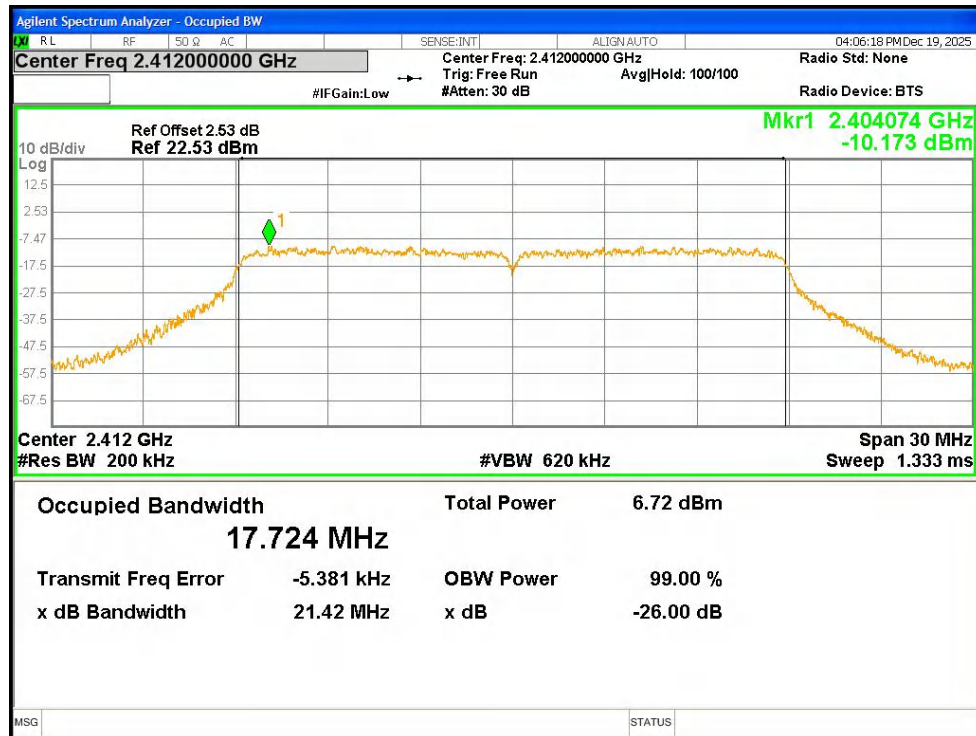


OBW NVNT g 2437MHz Ant1

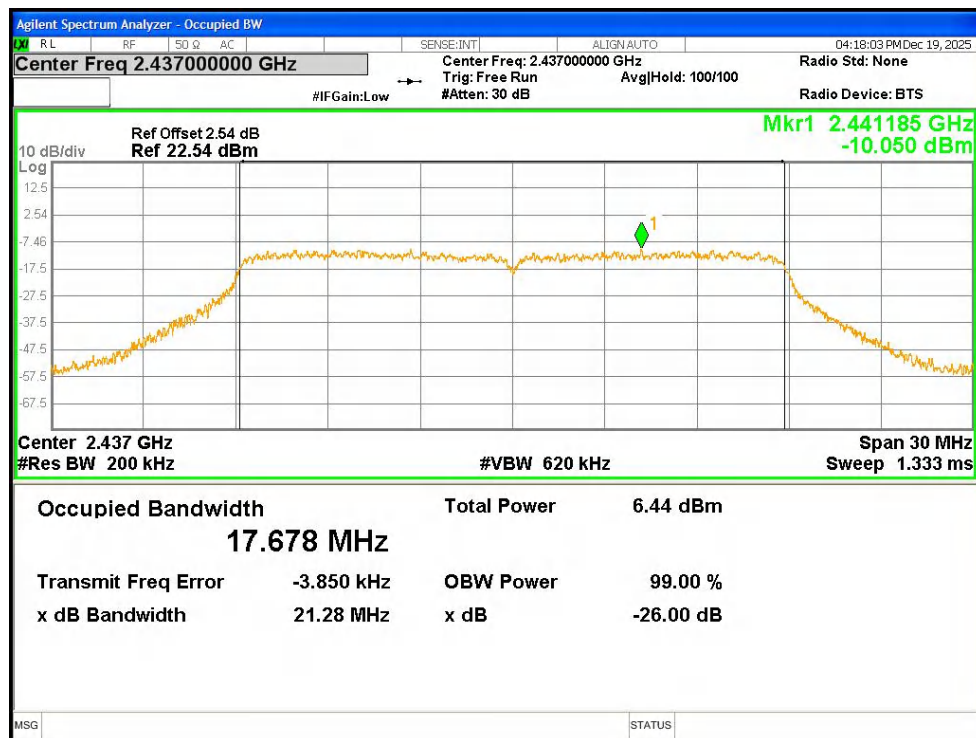


OBW NVNT g 2462MHz Ant1

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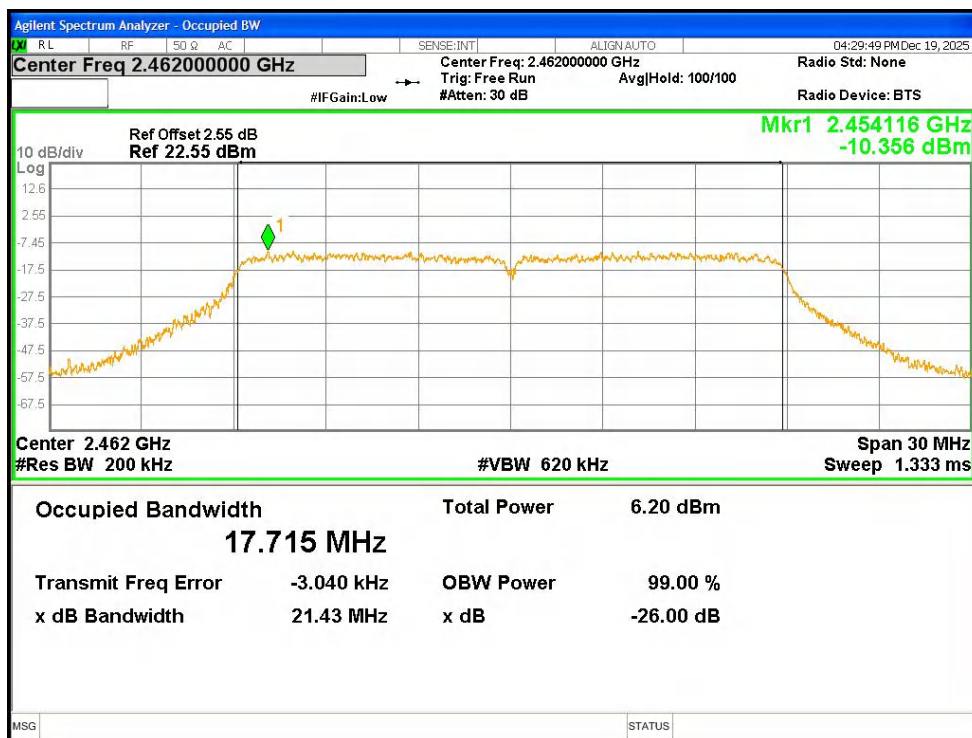


OBW NVNT n20 2412MHz Ant1

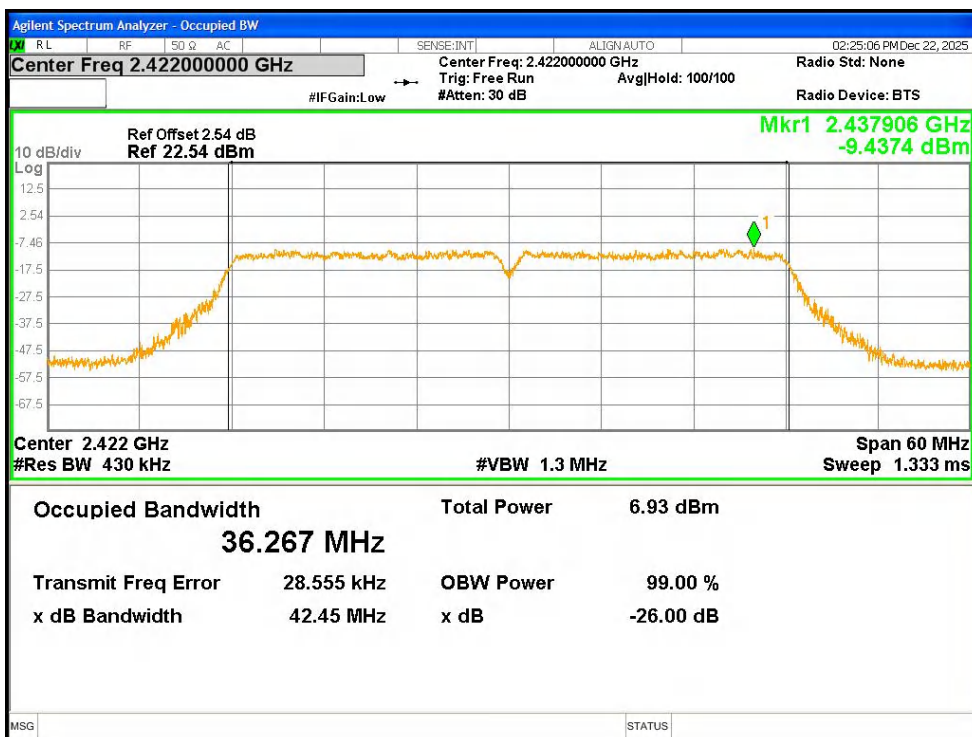


OBW NVNT n20 2437MHz Ant1

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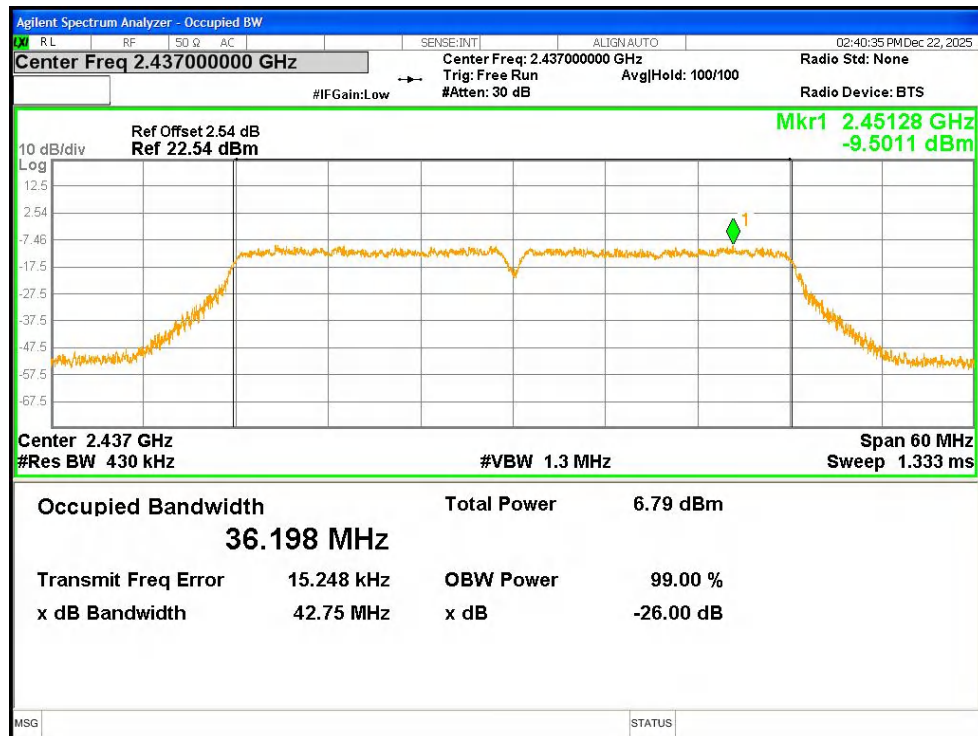


OBW NVNT n20 2462MHz Ant1

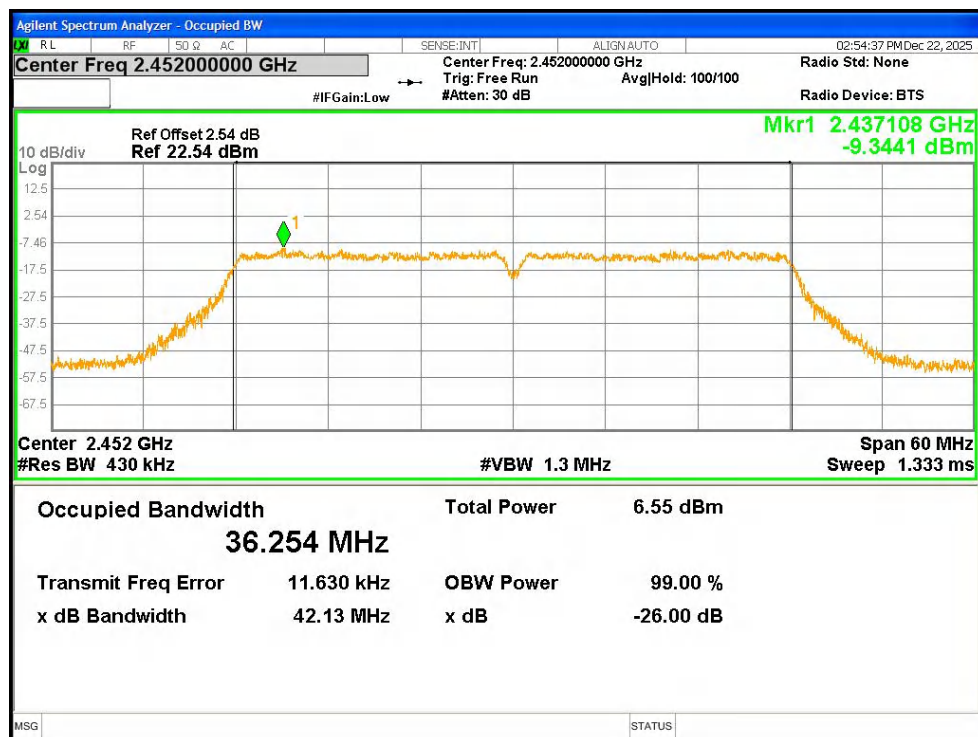


OBW NVNT n40 2422MHz Ant1

Report



OBW NVNT n40 2437MHz Ant1

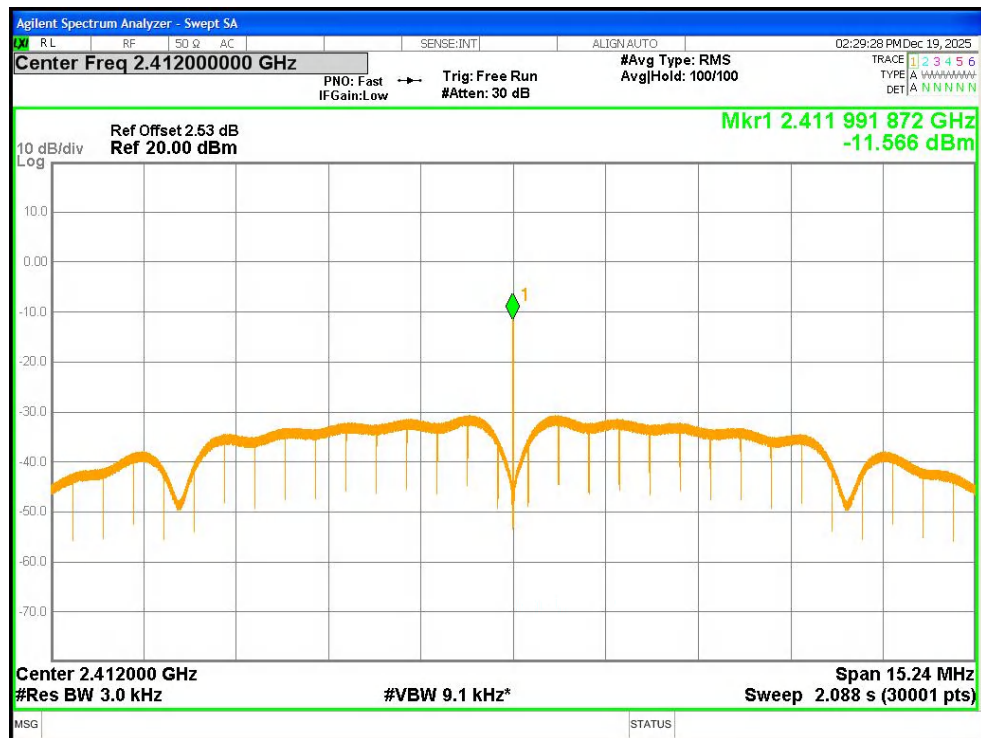


OBW NVNT n40 2452MHz Ant1

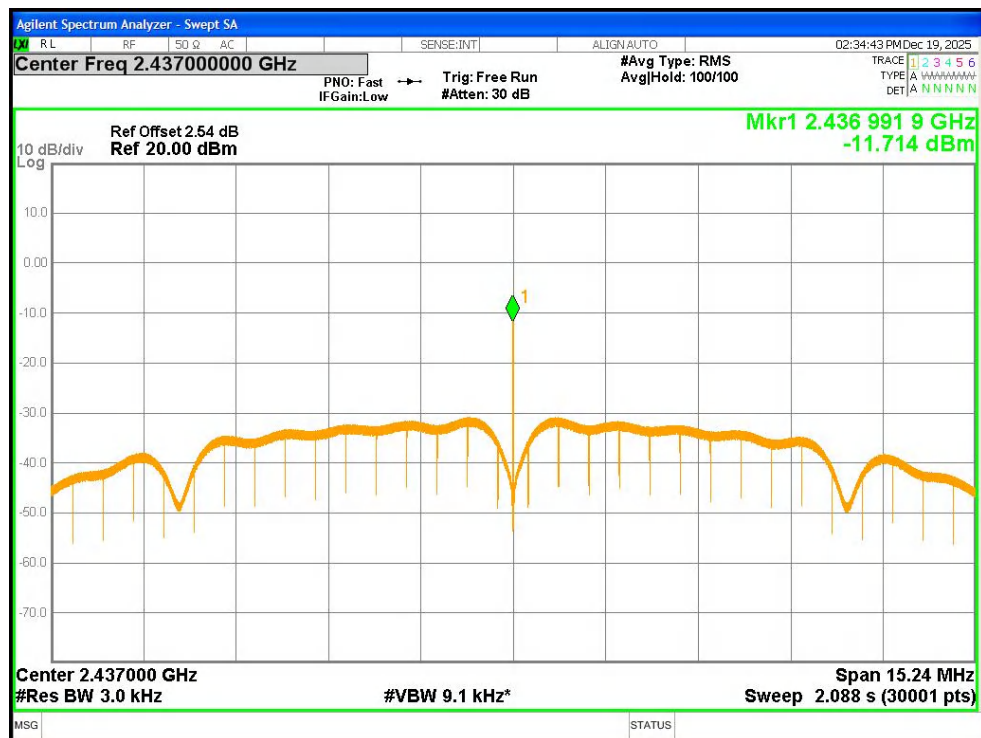
5. Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-11.57	0	-11.57	8	Pass
NVNT	b	2437	Ant1	-11.71	0	-11.71	8	Pass
NVNT	b	2462	Ant1	-12.16	0	-12.16	8	Pass
NVNT	g	2412	Ant1	-13.12	0	-13.12	8	Pass
NVNT	g	2437	Ant1	-13.2	0	-13.2	8	Pass
NVNT	g	2462	Ant1	-13.61	0	-13.61	8	Pass
NVNT	n20	2412	Ant1	-31.69	0	-31.69	8	Pass
NVNT	n20	2437	Ant1	-31.8	0	-31.8	8	Pass
NVNT	n20	2462	Ant1	-32.12	0	-32.12	8	Pass
NVNT	n40	2422	Ant1	-33.72	0	-33.72	8	Pass
NVNT	n40	2437	Ant1	-33.71	0	-33.71	8	Pass
NVNT	n40	2452	Ant1	-34.02	0	-34.02	8	Pass

Report

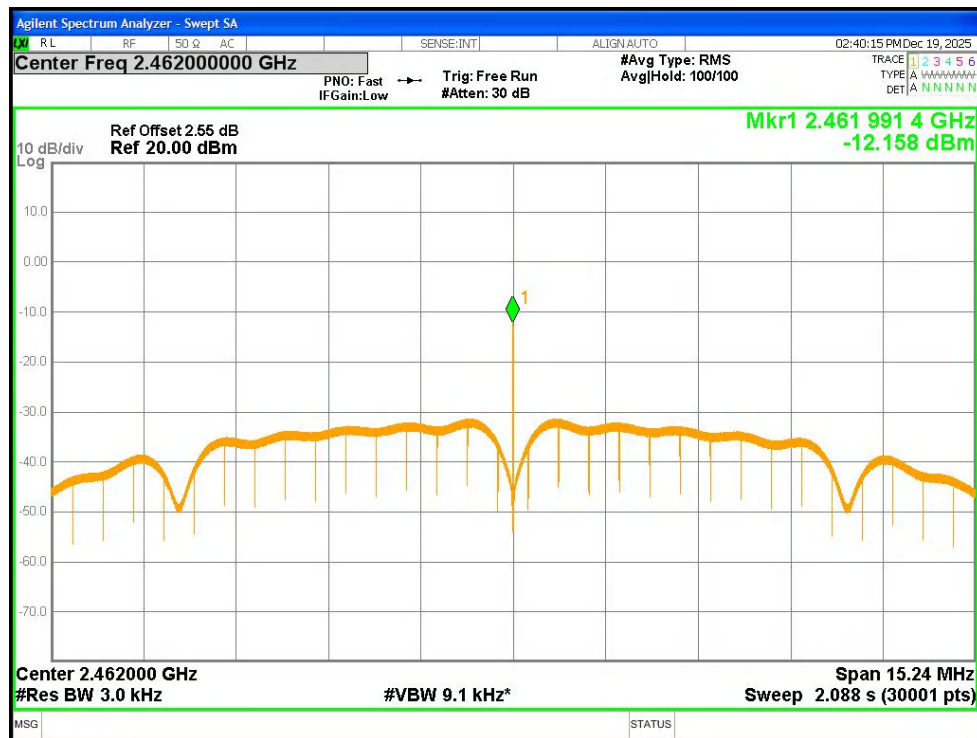


PSD NVNT b 2412MHz Ant1

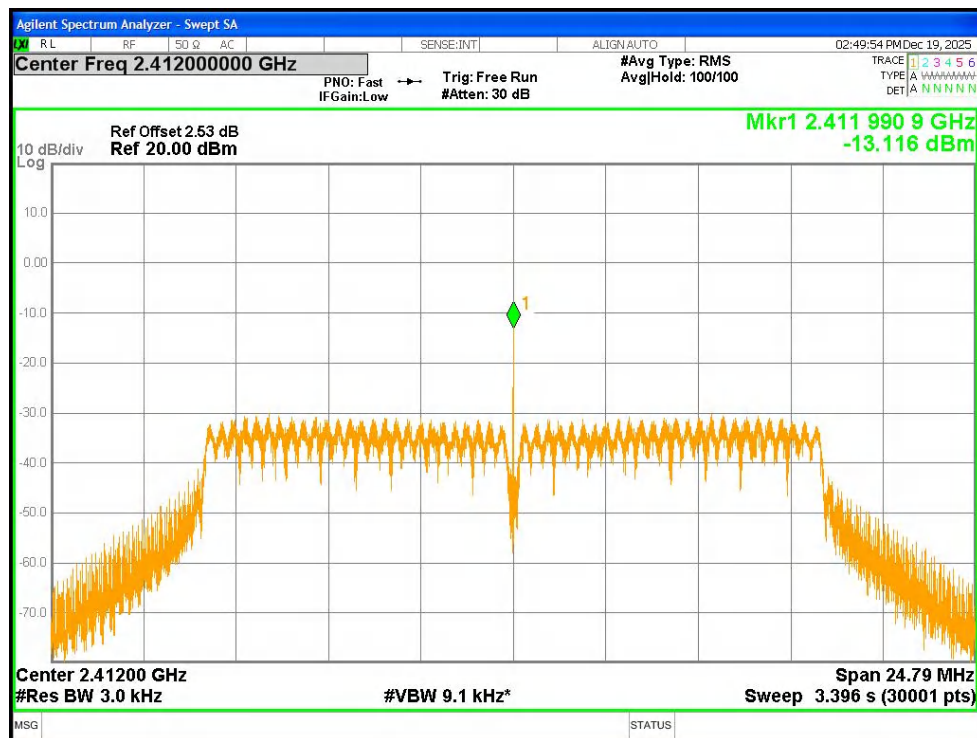


PSD NVNT b 2437MHz Ant1

Report



PSD NVNT b 2462MHz Ant1



PSD NVNT g 2412MHz Ant1