

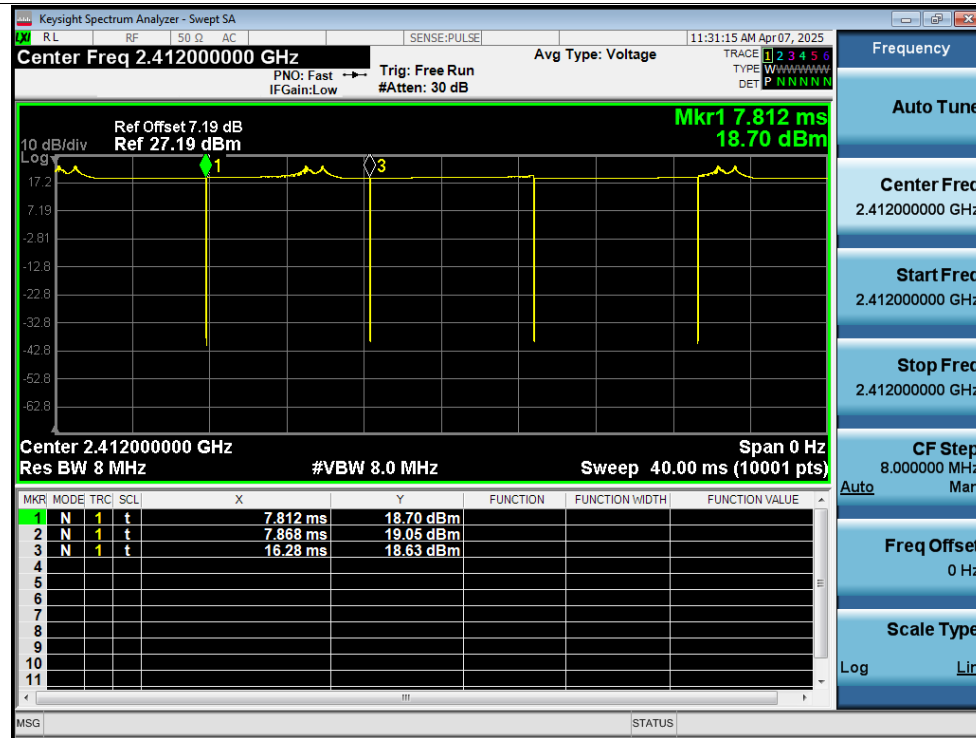
Appendix C

Duty Cycle

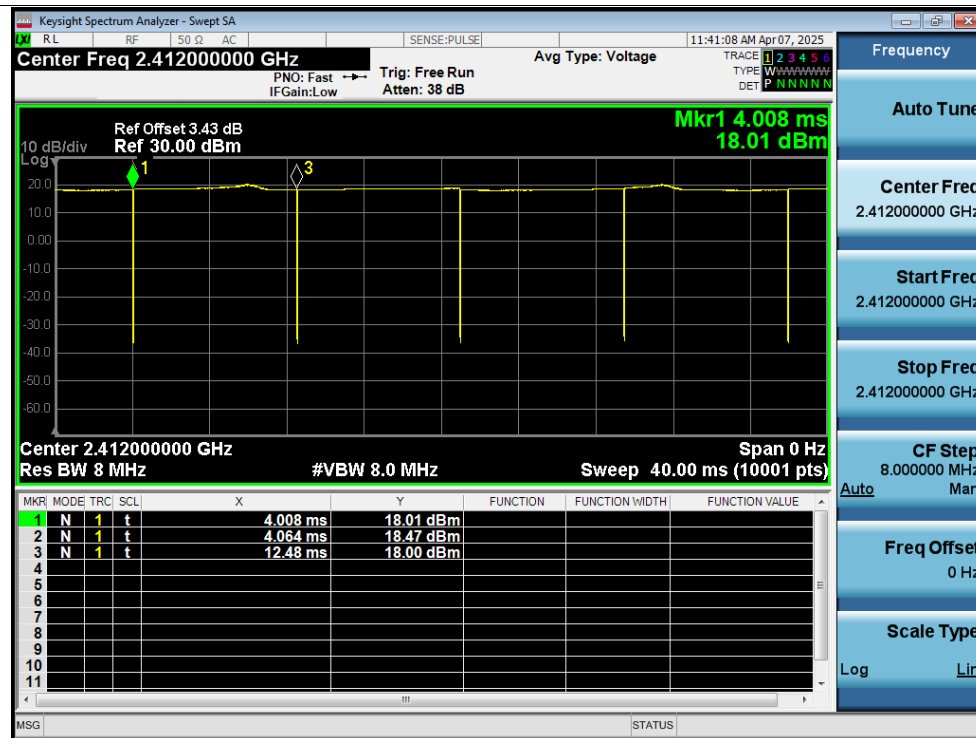
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	99.34	0	0.12
NVNT	b	2412	Ant2	99.34	0	0.12
NVNT	g	2412	Ant1	96.01	0.18	0.72
NVNT	g	2412	Ant2	96.01	0.18	0.72
NVNT	n20	2412	Ant1	95.9	0.18	0.76
NVNT	n20	2412	Ant2	92.1	0.36	1.48
NVNT	n40	2422	Ant1	85.71	0.67	2.87
NVNT	n40	2422	Ant2	85.71	0.67	2.87
NVNT	ac20	2412	Ant1	92.43	0.34	1.46
NVNT	ac20	2412	Ant2	92.18	0.35	1.46
NVNT	ac40	2422	Ant1	85.85	0.66	2.84
NVNT	ac40	2422	Ant2	85.85	0.66	2.84
NVNT	ax20	2412	Ant1	90.94	0.41	1.78
NVNT	ax20	2412	Ant2	90.94	0.41	1.78
NVNT	ax40	2422	Ant1	77.69	1.1	4.95
NVNT	ax40	2422	Ant2	78.46	1.05	4.9

Test Graphs

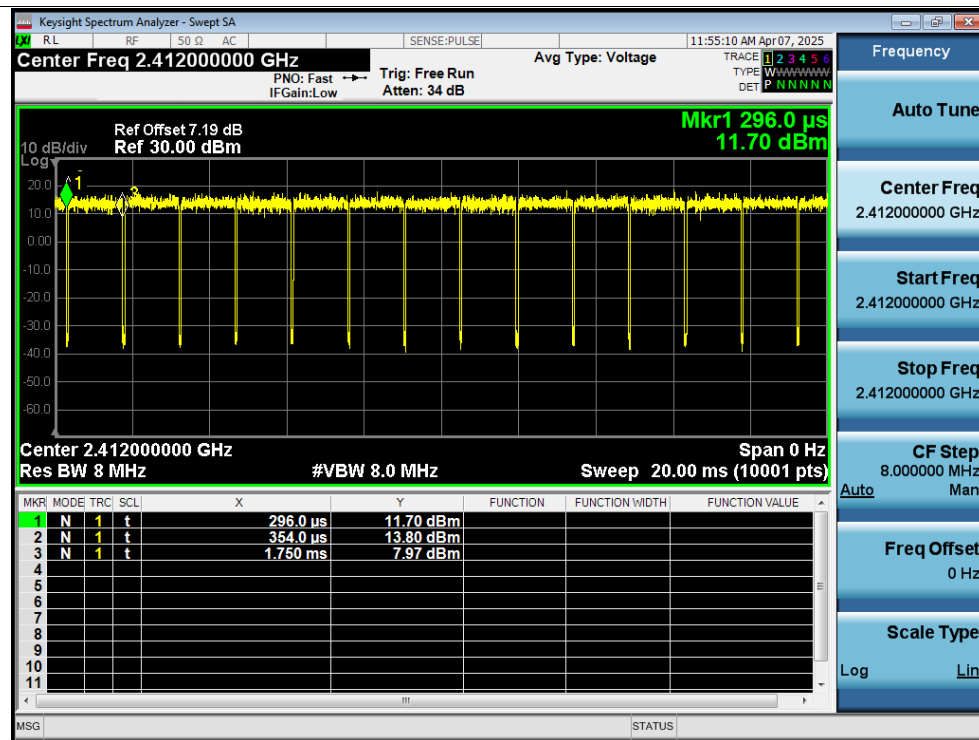
Duty Cycle NVNT b 2412MHz Ant1



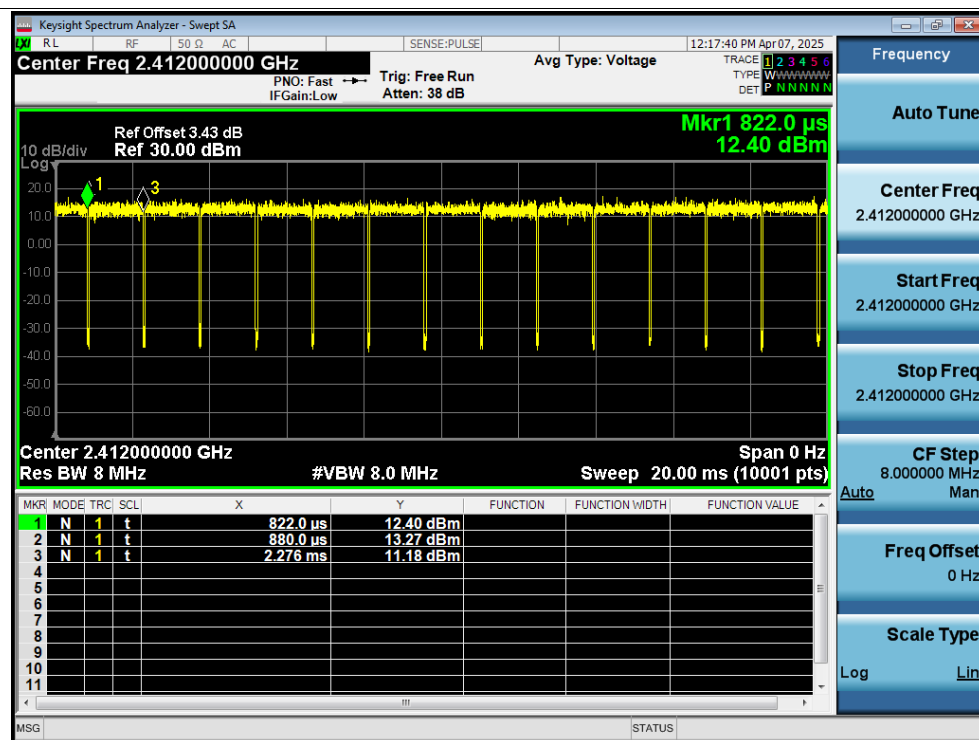
Duty Cycle NVNT b 2412MHz Ant2



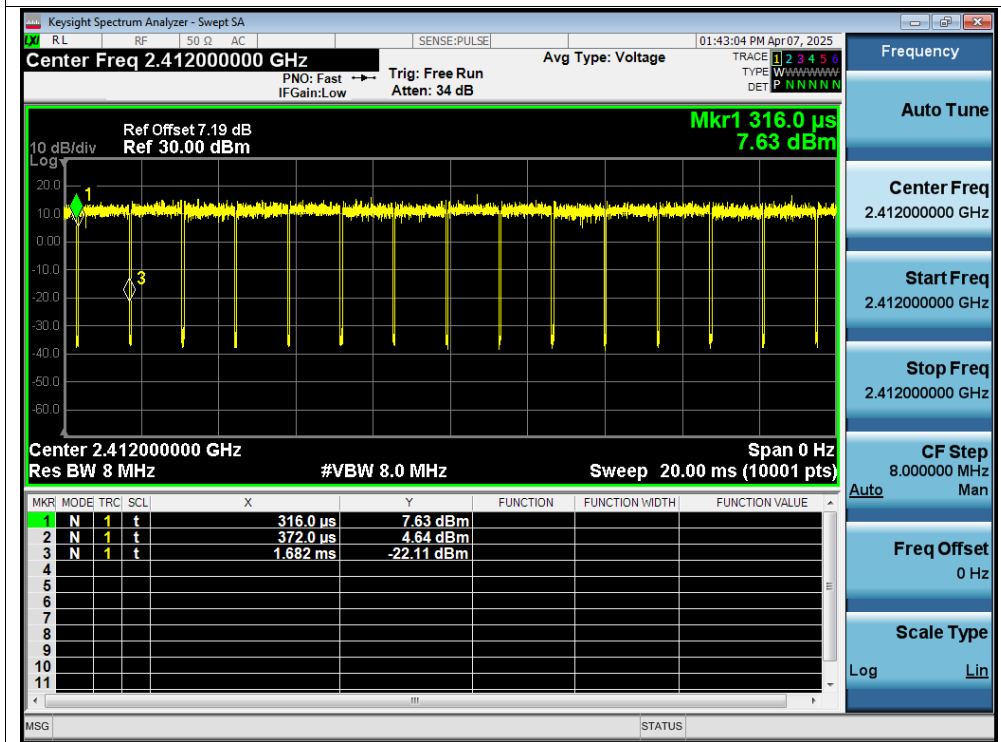
Duty Cycle NVNT g 2412MHz Ant1



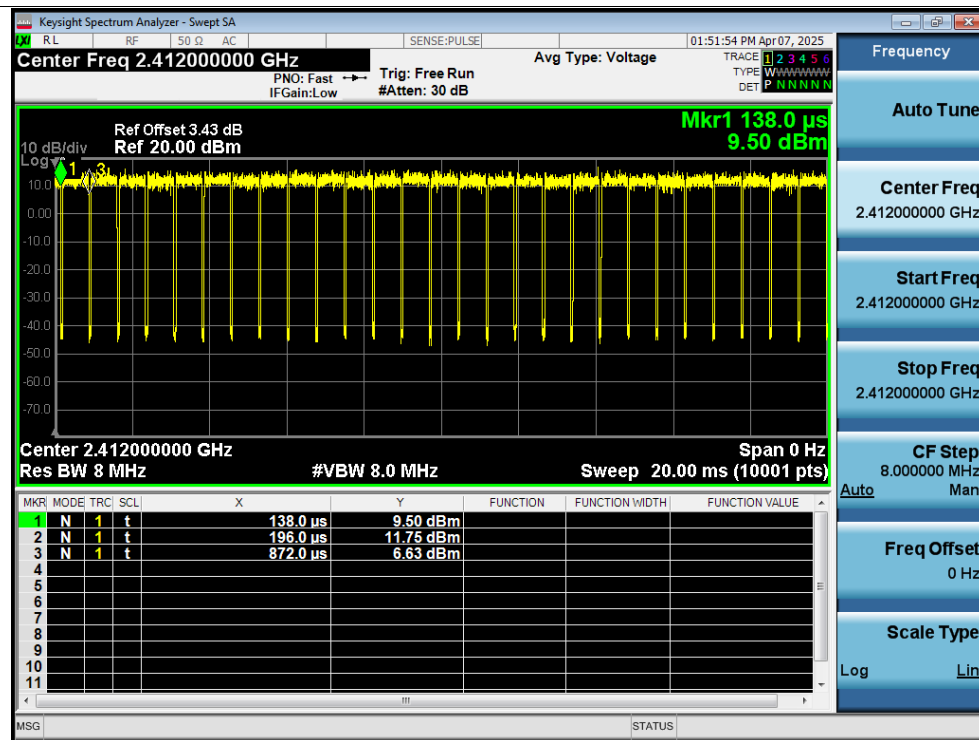
Duty Cycle NVNT g 2412MHz Ant2



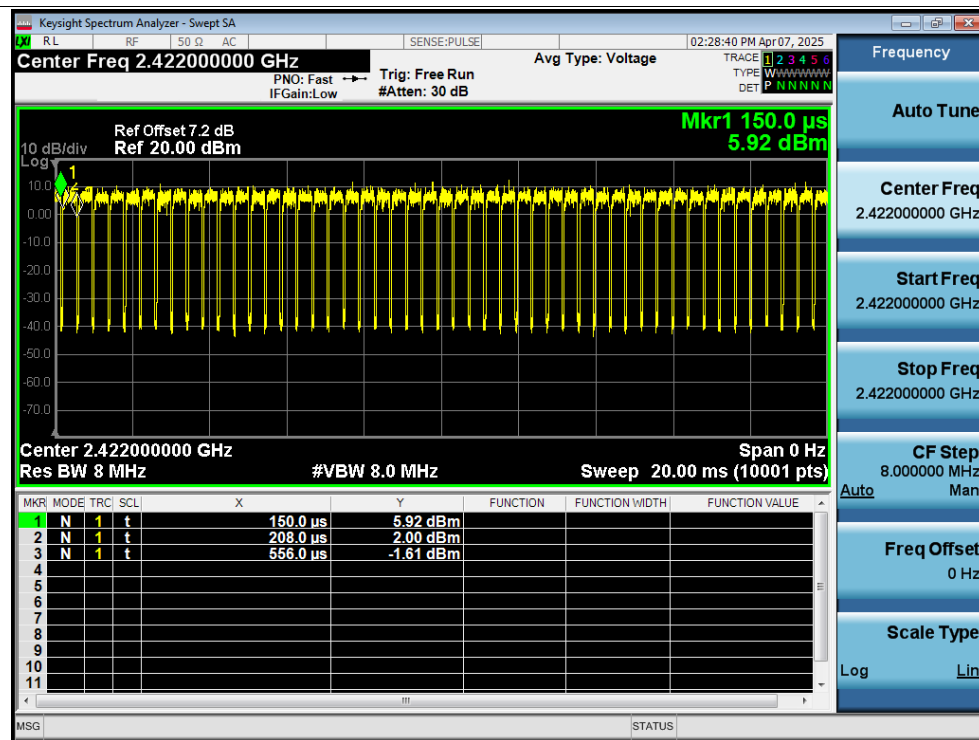
Duty Cycle NVNT n20 2412MHz Ant1



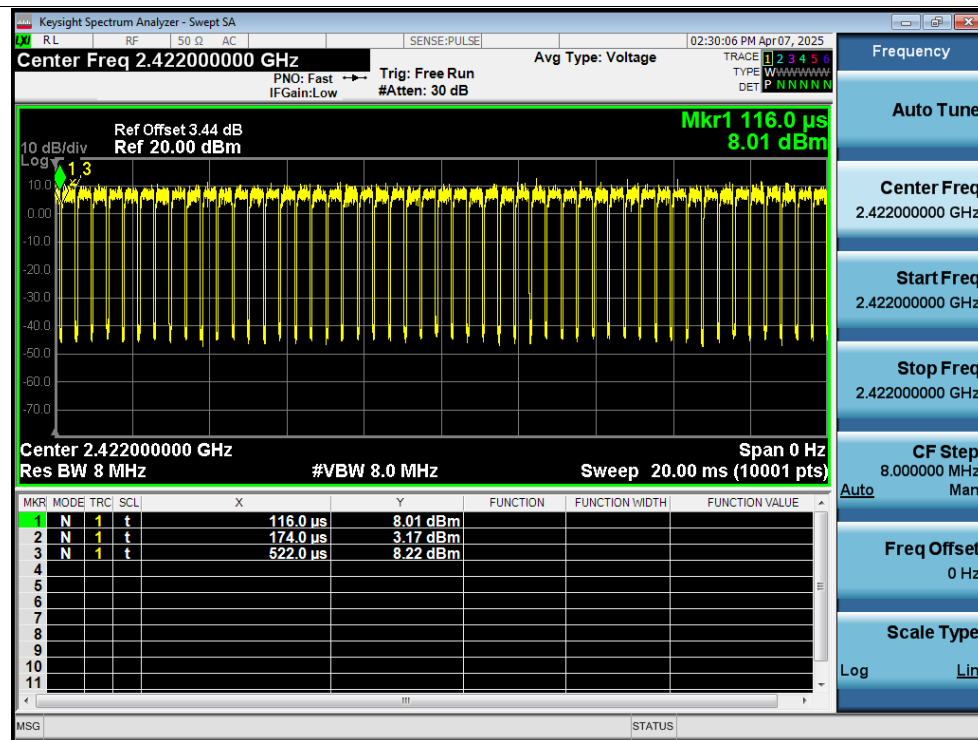
Duty Cycle NVNT n20 2412MHz Ant2



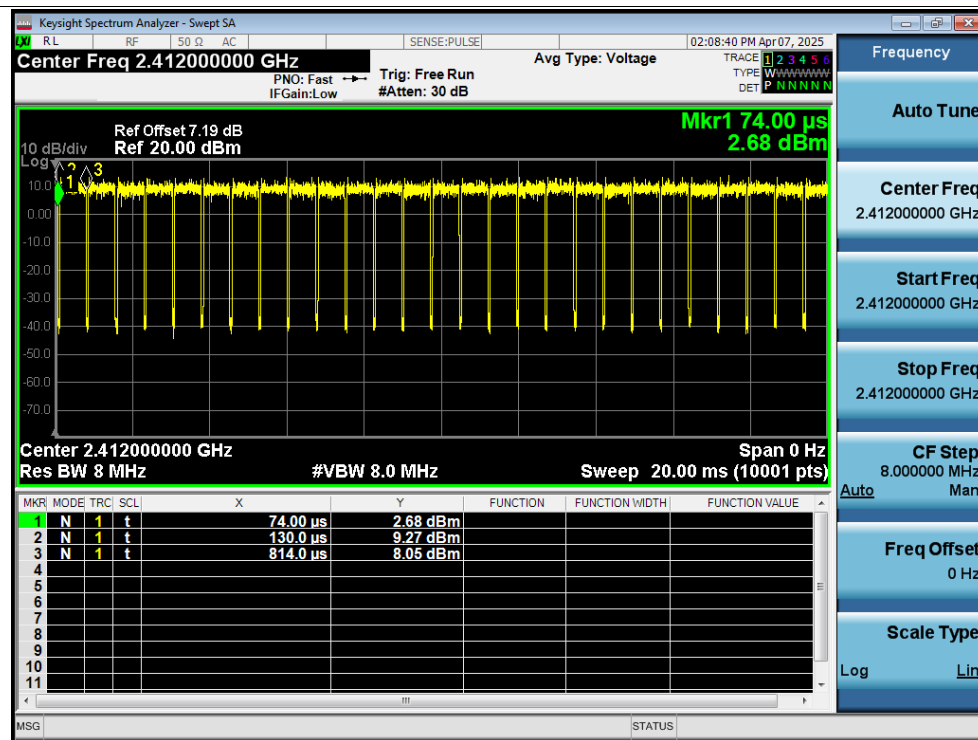
Duty Cycle NVNT n40 2422MHz Ant1



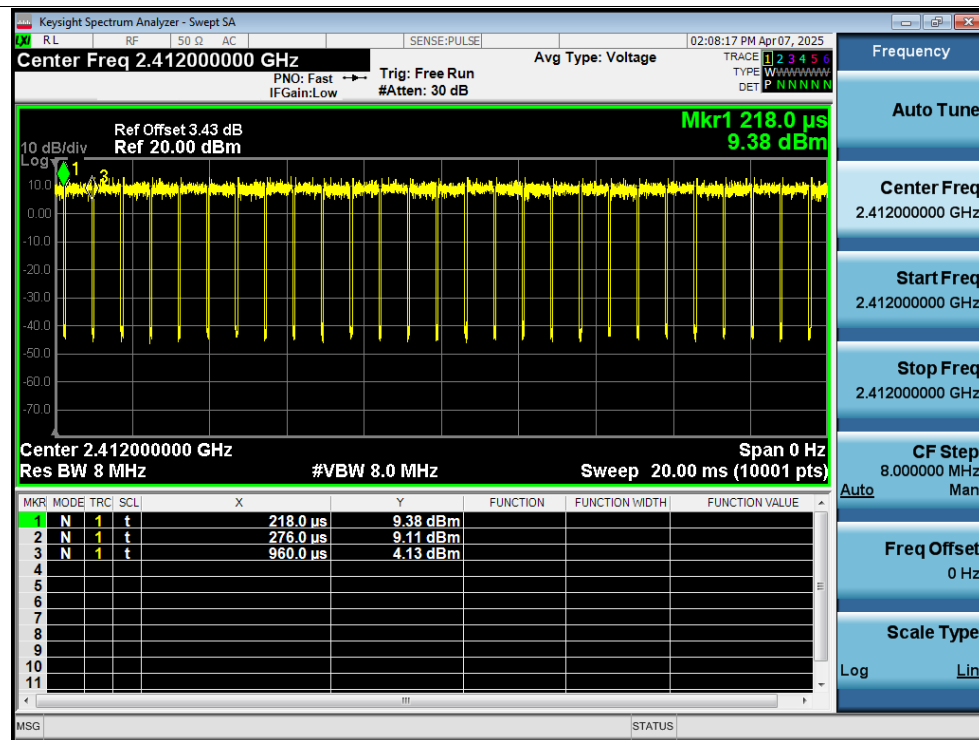
Duty Cycle NVNT n40 2422MHz Ant2



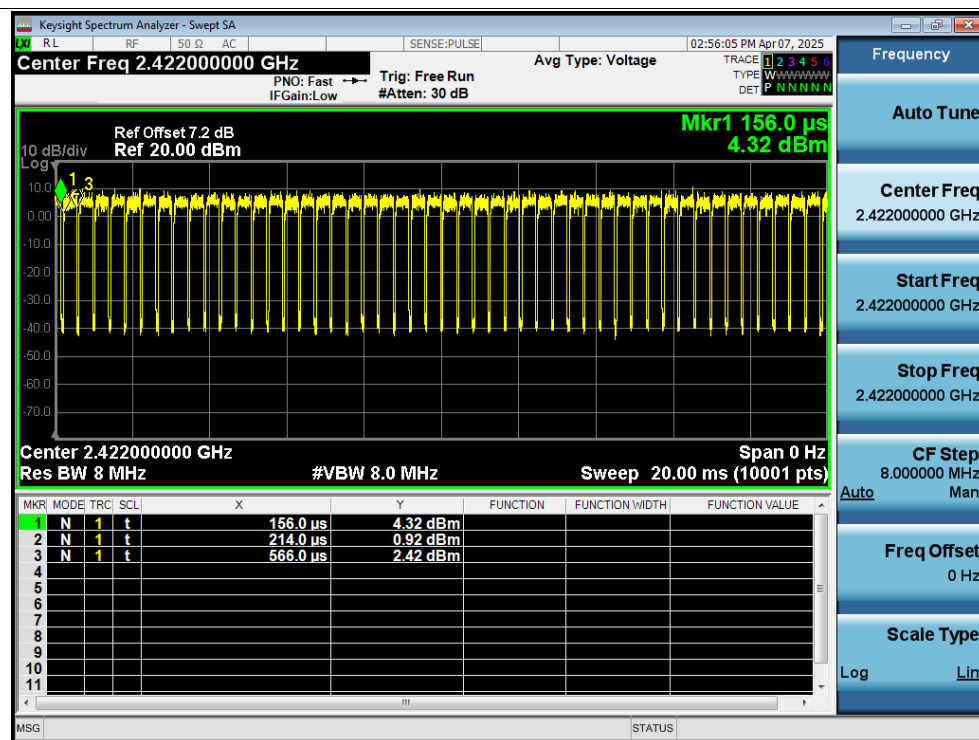
Duty Cycle NVNT ac20 2412MHz Ant1



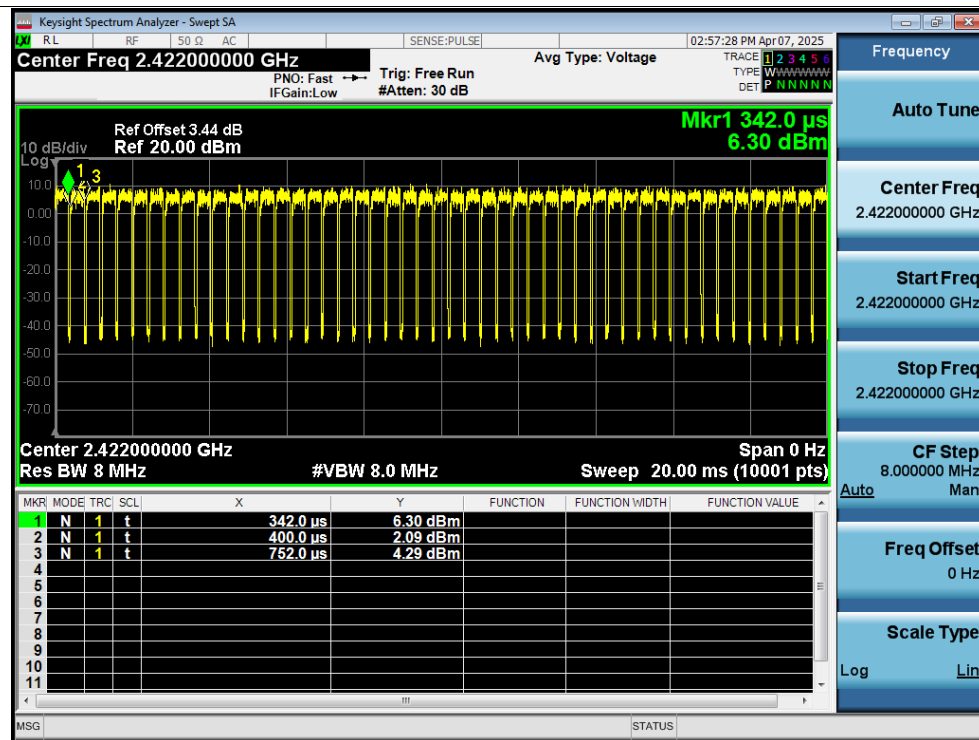
Duty Cycle NVNT ac20 2412MHz Ant2



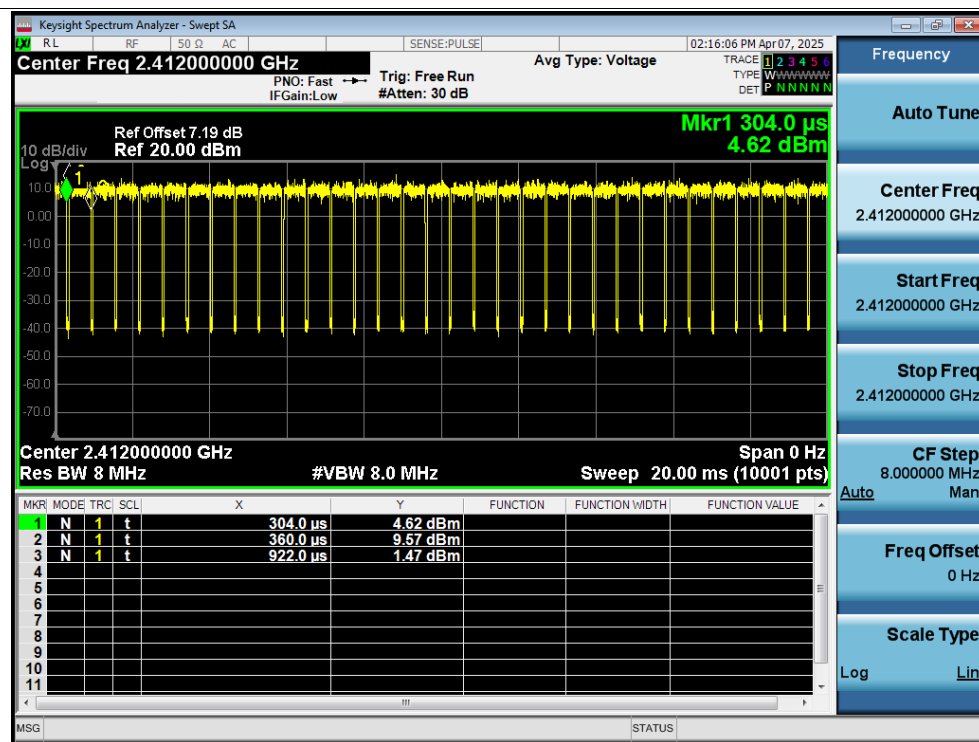
Duty Cycle NVNT ac40 2422MHz Ant1



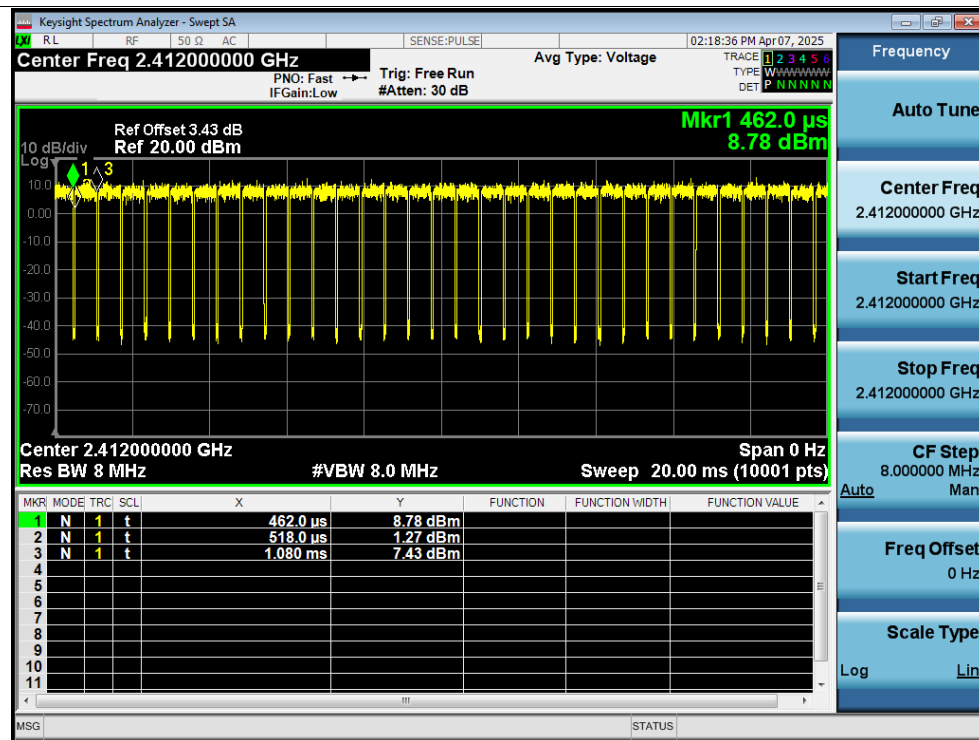
Duty Cycle NVNT ac40 2422MHz Ant2



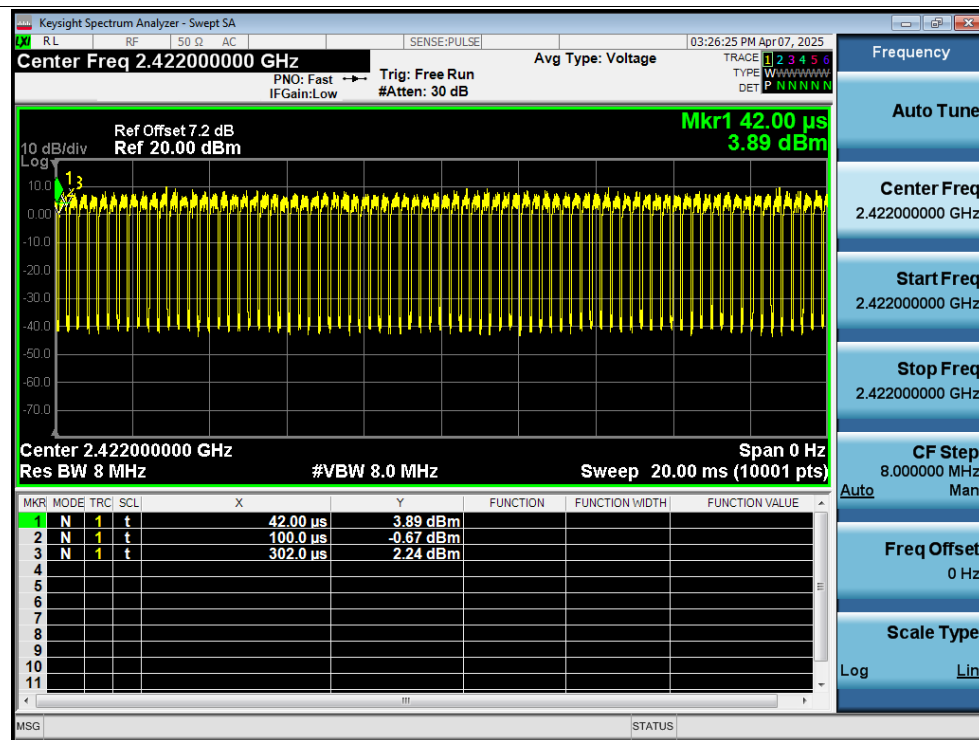
Duty Cycle NVNT ax20 2412MHz Ant1



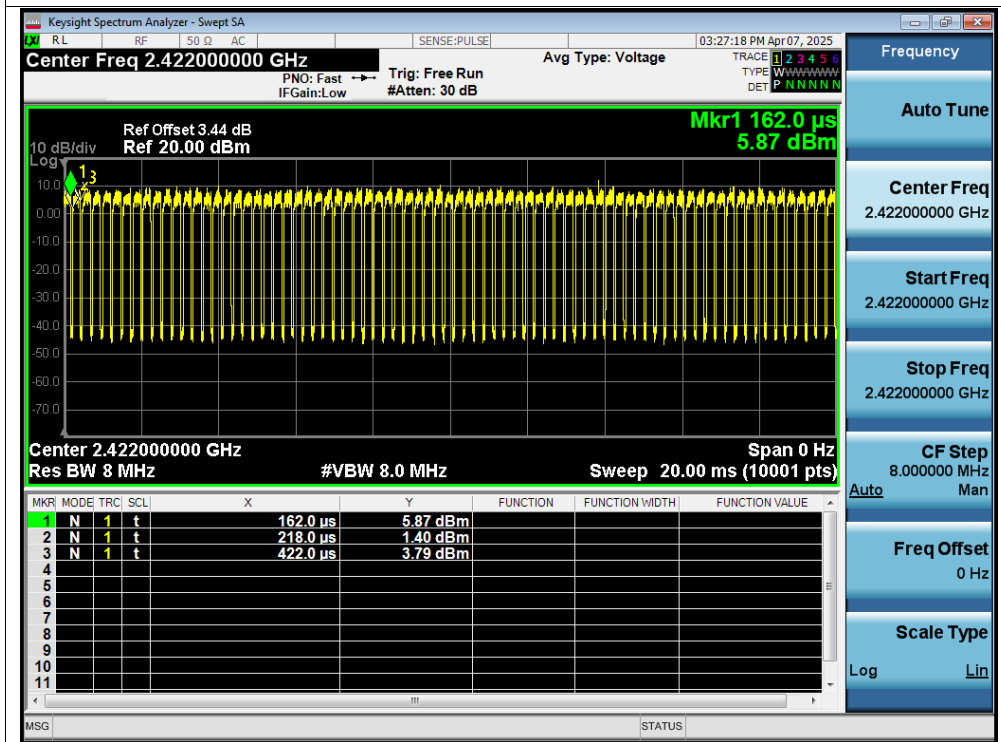
Duty Cycle NVNT ax20 2412MHz Ant2



Duty Cycle NVNT ax40 2422MHz Ant1



Duty Cycle NVNT ax40 2422MHz Ant2



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	17.88	29.14	Pass
NVNT	b	2412	Ant2	17.51	29.14	Pass
NVNT	b	2437	Ant1	17.66	29.14	Pass
NVNT	b	2437	Ant2	17.67	29.14	Pass
NVNT	b	2462	Ant1	17.66	29.14	Pass
NVNT	b	2462	Ant2	17.96	29.14	Pass
NVNT	g	2412	Ant1	16.79	29.14	Pass
NVNT	g	2412	Ant2	17.11	29.14	Pass
NVNT	g	2437	Ant1	17.15	29.14	Pass
NVNT	g	2437	Ant2	17.42	29.14	Pass
NVNT	g	2462	Ant1	17.62	29.14	Pass
NVNT	g	2462	Ant2	17.86	29.14	Pass
NVNT	n20	2412	Ant1	14.05	29.14	Pass
NVNT	n20	2412	Ant2	13.85	29.14	Pass
NVNT	n20	2412	Sum	16.96	29.14	Pass
NVNT	n20	2437	Ant1	13.94	29.14	Pass
NVNT	n20	2437	Ant2	13.55	29.14	Pass
NVNT	n20	2437	Sum	16.76	29.14	Pass
NVNT	n20	2462	Ant1	12.91	29.14	Pass
NVNT	n20	2462	Ant2	14.11	29.14	Pass
NVNT	n20	2462	Sum	16.56	29.14	Pass
NVNT	n40	2422	Ant1	14.13	29.14	Pass
NVNT	n40	2422	Ant2	14.46	29.14	Pass
NVNT	n40	2422	Sum	17.31	29.14	Pass
NVNT	n40	2437	Ant1	13.92	29.14	Pass
NVNT	n40	2437	Ant2	13.97	29.14	Pass
NVNT	n40	2437	Sum	16.96	29.14	Pass
NVNT	n40	2452	Ant1	13.07	29.14	Pass
NVNT	n40	2452	Ant2	15.38	29.14	Pass
NVNT	n40	2452	Sum	17.39	29.14	Pass
NVNT	ac20	2412	Ant1	14.05	29.14	Pass
NVNT	ac20	2412	Ant2	13.96	29.14	Pass
NVNT	ac20	2412	Sum	17.02	29.14	Pass
NVNT	ac20	2437	Ant1	13.86	29.14	Pass
NVNT	ac20	2437	Ant2	14.02	29.14	Pass
NVNT	ac20	2437	Sum	16.95	29.14	Pass
NVNT	ac20	2462	Ant1	13.21	29.14	Pass
NVNT	ac20	2462	Ant2	14.27	29.14	Pass
NVNT	ac20	2462	Sum	16.78	29.14	Pass

NVNT	ac40	2422	Ant1	13.44	29.14	Pass
NVNT	ac40	2422	Ant2	13.79	29.14	Pass
NVNT	ac40	2422	Sum	16.63	29.14	Pass
NVNT	ac40	2437	Ant1	13.97	29.14	Pass
NVNT	ac40	2437	Ant2	14.02	29.14	Pass
NVNT	ac40	2437	Sum	17.01	29.14	Pass
NVNT	ac40	2452	Ant1	13.1	29.14	Pass
NVNT	ac40	2452	Ant2	15.31	29.14	Pass
NVNT	ac40	2452	Sum	17.35	29.14	Pass
NVNT	ax20	2412	Ant1	14.08	29.14	Pass
NVNT	ax20	2412	Ant2	13.94	29.14	Pass
NVNT	ax20	2412	Sum	17.02	29.14	Pass
NVNT	ax20	2437	Ant1	14.73	29.14	Pass
NVNT	ax20	2437	Ant2	14.01	29.14	Pass
NVNT	ax20	2437	Sum	17.4	29.14	Pass
NVNT	ax20	2462	Ant1	12.41	29.14	Pass
NVNT	ax20	2462	Ant2	14.44	29.14	Pass
NVNT	ax20	2462	Sum	16.55	29.14	Pass
NVNT	ax40	2422	Ant1	13.64	29.14	Pass
NVNT	ax40	2422	Ant2	13.54	29.14	Pass
NVNT	ax40	2422	Sum	16.6	29.14	Pass
NVNT	ax40	2437	Ant1	13.35	29.14	Pass
NVNT	ax40	2437	Ant2	13.92	29.14	Pass
NVNT	ax40	2437	Sum	16.65	29.14	Pass
NVNT	ax40	2452	Ant1	11.62	29.14	Pass
NVNT	ax40	2452	Ant2	13.83	29.14	Pass
NVNT	ax40	2452	Sum	15.87	29.14	Pass

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	8.06	0.5	Pass
NVNT	b	2412	Ant2	7.57	0.5	Pass
NVNT	b	2437	Ant1	7.53	0.5	Pass
NVNT	b	2437	Ant2	7.52	0.5	Pass
NVNT	b	2462	Ant1	7.99	0.5	Pass
NVNT	b	2462	Ant2	8.01	0.5	Pass
NVNT	g	2412	Ant1	15.76	0.5	Pass
NVNT	g	2412	Ant2	16.3	0.5	Pass
NVNT	g	2437	Ant1	15.15	0.5	Pass
NVNT	g	2437	Ant2	15.09	0.5	Pass
NVNT	g	2462	Ant1	15.92	0.5	Pass
NVNT	g	2462	Ant2	15.68	0.5	Pass
NVNT	n20	2412	Ant1	16.92	0.5	Pass
NVNT	n20	2412	Ant2	17.16	0.5	Pass
NVNT	n20	2437	Ant1	15.96	0.5	Pass
NVNT	n20	2437	Ant2	16.93	0.5	Pass
NVNT	n20	2462	Ant1	14.71	0.5	Pass
NVNT	n20	2462	Ant2	17.54	0.5	Pass
NVNT	n40	2422	Ant1	35.13	0.5	Pass
NVNT	n40	2422	Ant2	35.05	0.5	Pass
NVNT	n40	2437	Ant1	35.12	0.5	Pass
NVNT	n40	2437	Ant2	35.1	0.5	Pass
NVNT	n40	2452	Ant1	35.09	0.5	Pass
NVNT	n40	2452	Ant2	31.33	0.5	Pass
NVNT	ac20	2412	Ant1	16.37	0.5	Pass
NVNT	ac20	2412	Ant2	17.56	0.5	Pass
NVNT	ac20	2437	Ant1	14.83	0.5	Pass
NVNT	ac20	2437	Ant2	16.5	0.5	Pass
NVNT	ac20	2462	Ant1	16.3	0.5	Pass
NVNT	ac20	2462	Ant2	16.02	0.5	Pass
NVNT	ac40	2422	Ant1	35.71	0.5	Pass
NVNT	ac40	2422	Ant2	35.06	0.5	Pass
NVNT	ac40	2437	Ant1	35.13	0.5	Pass
NVNT	ac40	2437	Ant2	35.1	0.5	Pass
NVNT	ac40	2452	Ant1	35.36	0.5	Pass
NVNT	ac40	2452	Ant2	26.36	0.5	Pass
NVNT	ax20	2412	Ant1	17.05	0.5	Pass
NVNT	ax20	2412	Ant2	17.44	0.5	Pass
NVNT	ax20	2437	Ant1	17.12	0.5	Pass

NVNT	ax20	2437	Ant2	17.48	0.5	Pass
NVNT	ax20	2462	Ant1	17.81	0.5	Pass
NVNT	ax20	2462	Ant2	16.96	0.5	Pass
NVNT	ax40	2422	Ant1	37.11	0.5	Pass
NVNT	ax40	2422	Ant2	35.04	0.5	Pass
NVNT	ax40	2437	Ant1	35.07	0.5	Pass
NVNT	ax40	2437	Ant2	35.01	0.5	Pass
NVNT	ax40	2452	Ant1	37.48	0.5	Pass
NVNT	ax40	2452	Ant2	30.74	0.5	Pass

Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1



-6dB Bandwidth NVNT b 2412MHz Ant2



-6dB Bandwidth NVNT b 2437MHz Ant1



-6dB Bandwidth NVNT b 2437MHz Ant2



-6dB Bandwidth NVNT b 2462MHz Ant1



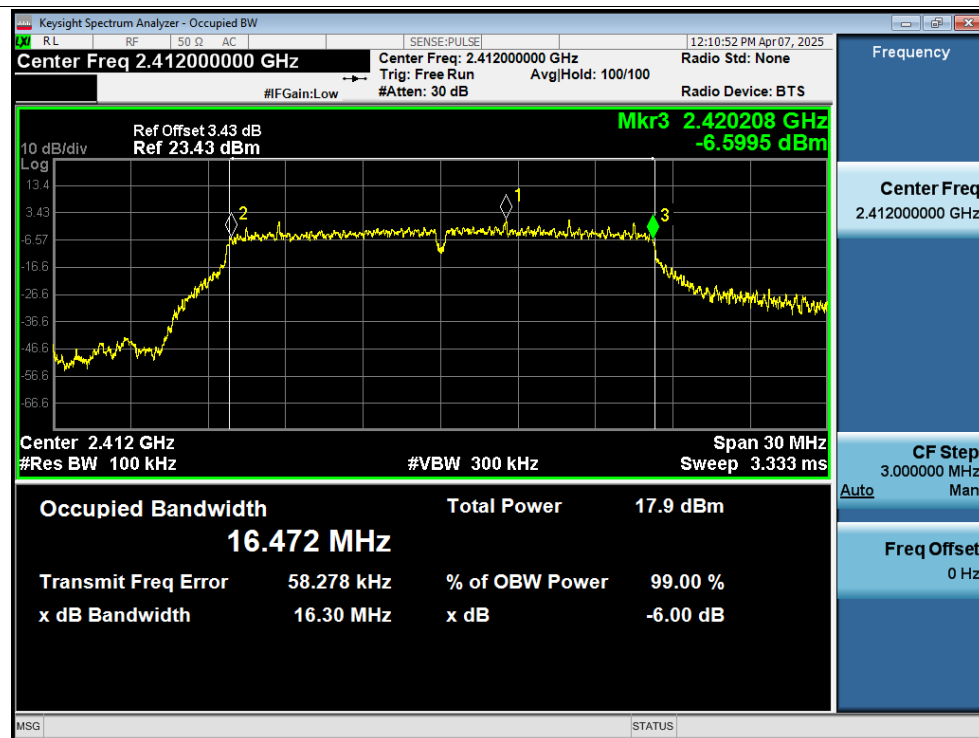
-6dB Bandwidth NVNT b 2462MHz Ant2



-6dB Bandwidth NVNT g 2412MHz Ant1



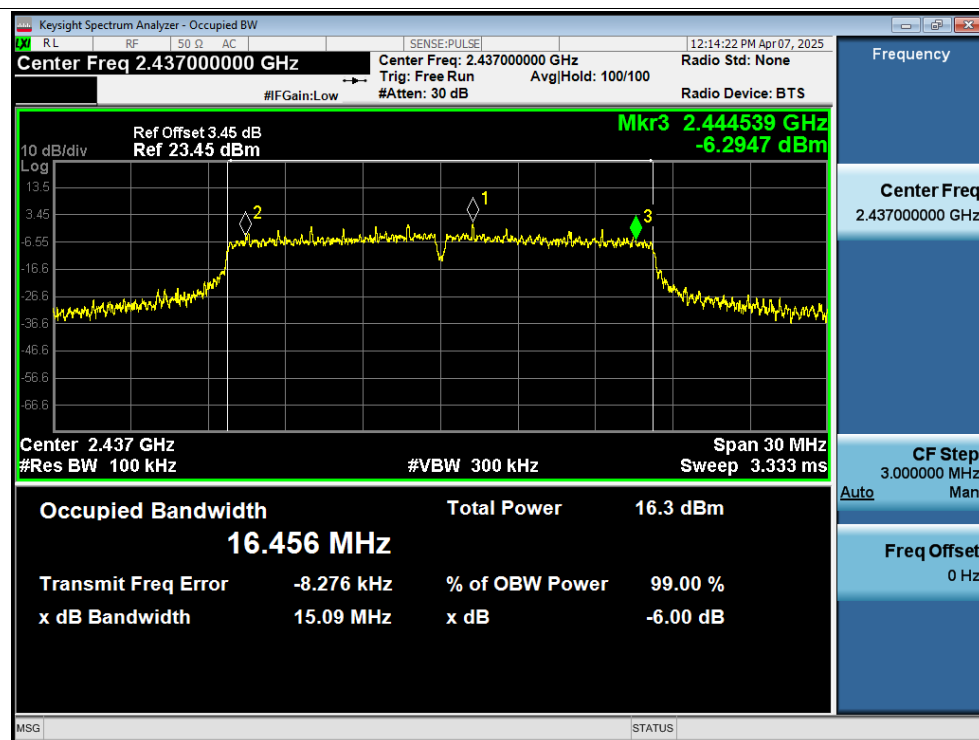
-6dB Bandwidth NVNT g 2412MHz Ant2



-6dB Bandwidth NVNT g 2437MHz Ant1



-6dB Bandwidth NVNT g 2437MHz Ant2



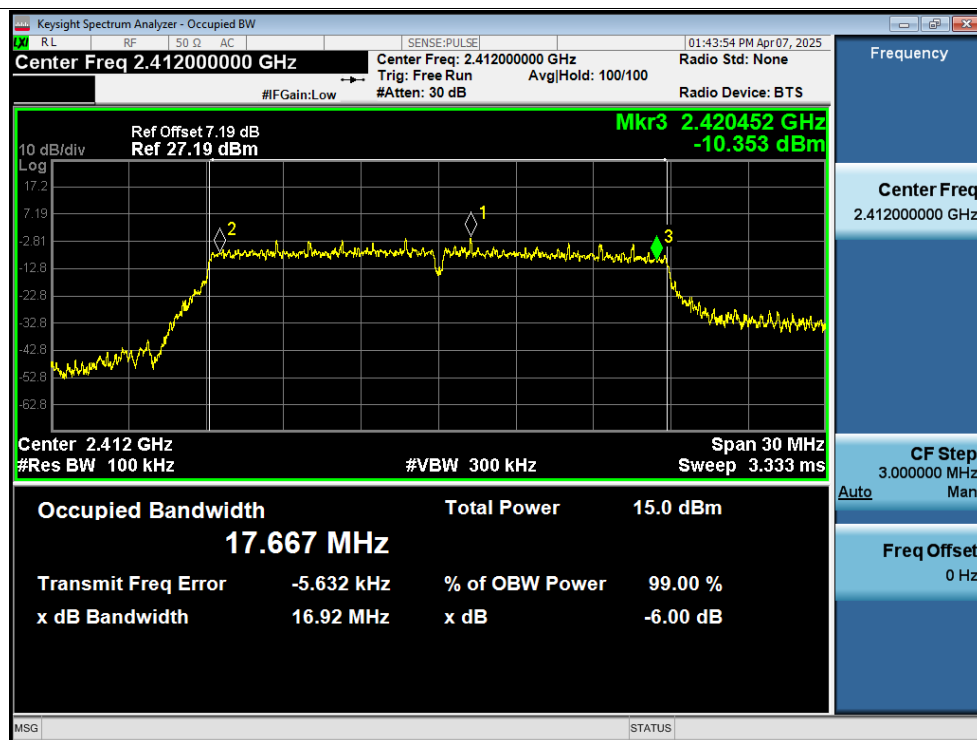
-6dB Bandwidth NVNT g 2462MHz Ant1



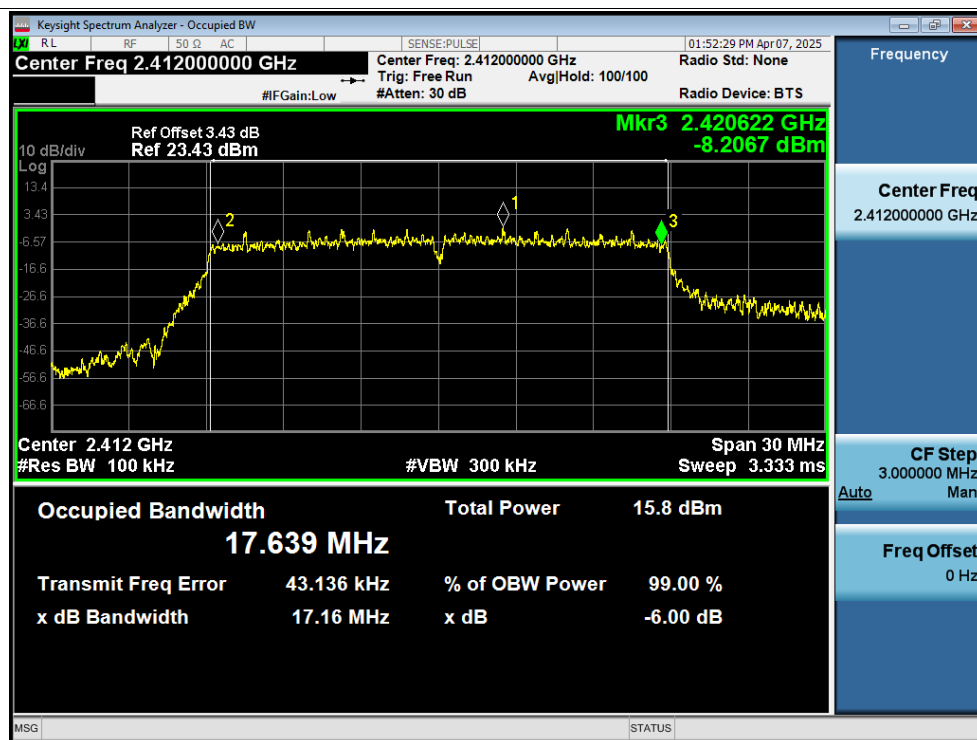
-6dB Bandwidth NVNT g 2462MHz Ant2



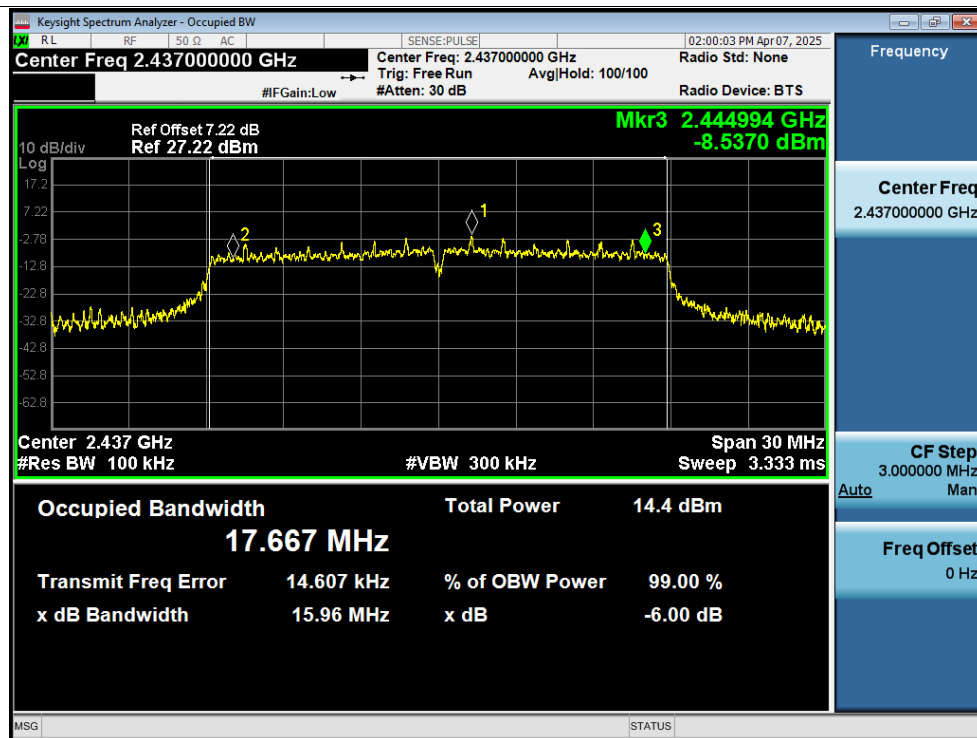
-6dB Bandwidth NVNT n20 2412MHz Ant1



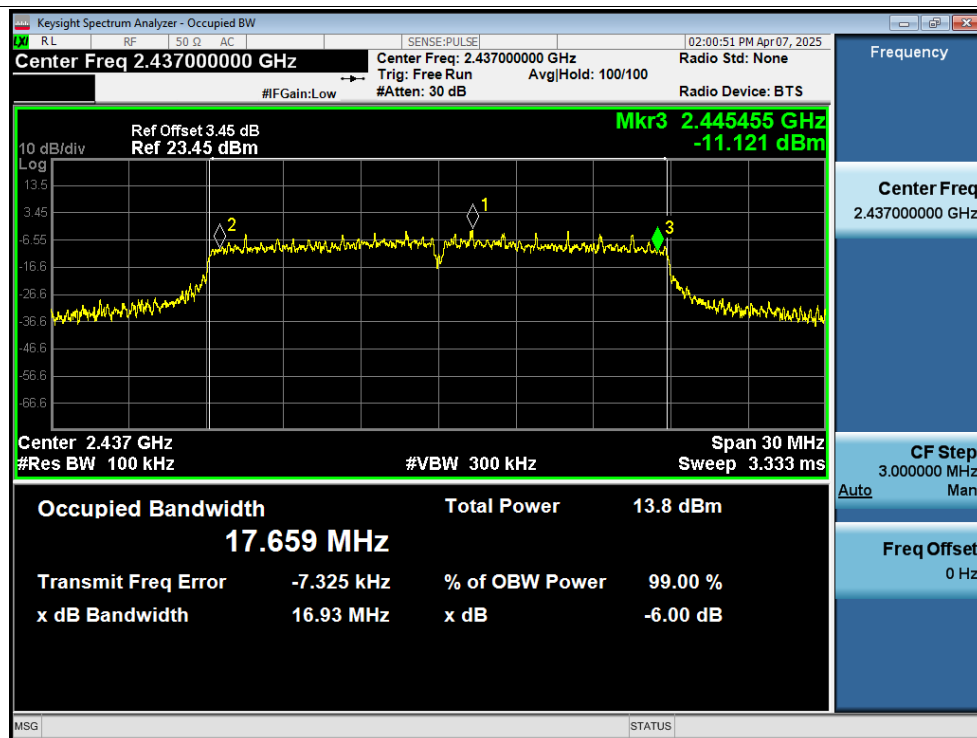
-6dB Bandwidth NVNT n20 2412MHz Ant2



-6dB Bandwidth NVNT n20 2437MHz Ant1



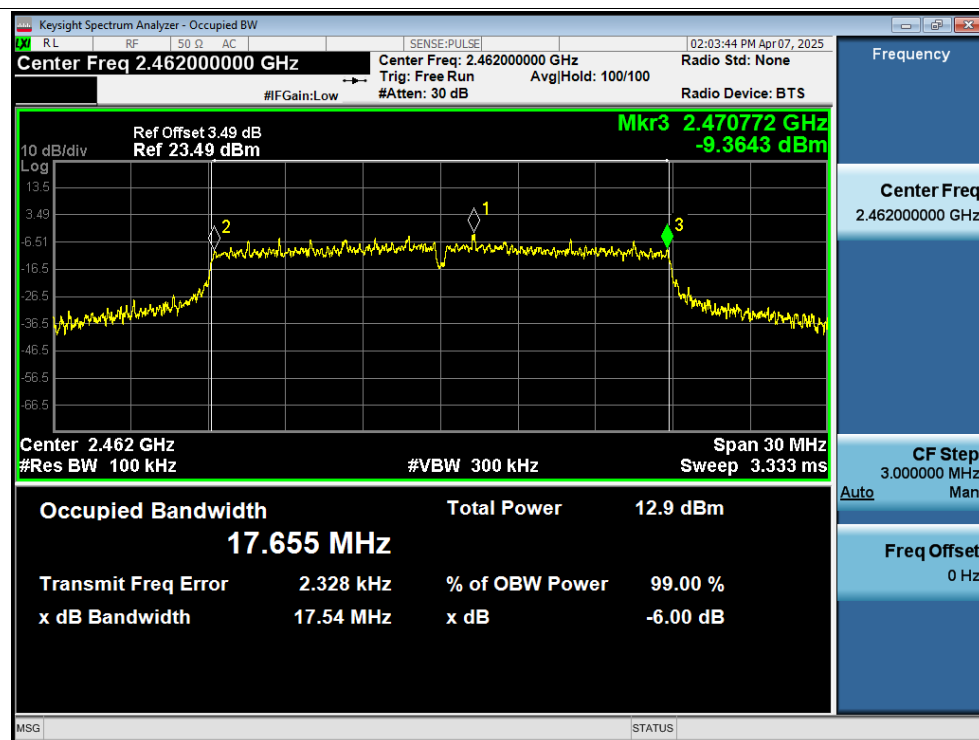
-6dB Bandwidth NVNT n20 2437MHz Ant2



-6dB Bandwidth NVNT n20 2462MHz Ant1



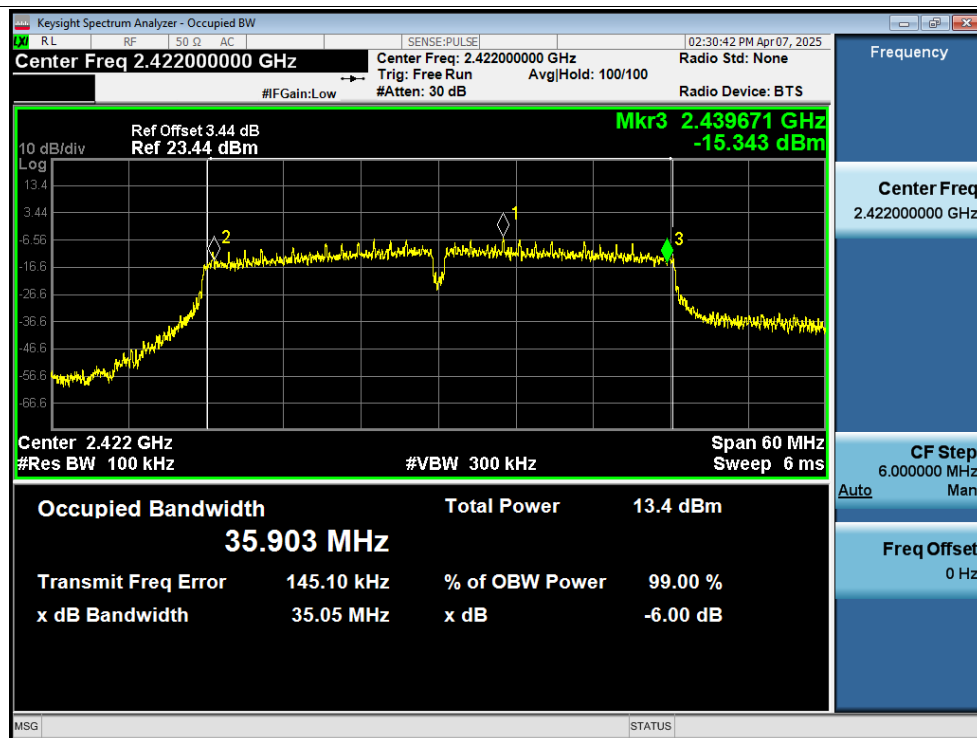
-6dB Bandwidth NVNT n20 2462MHz Ant2



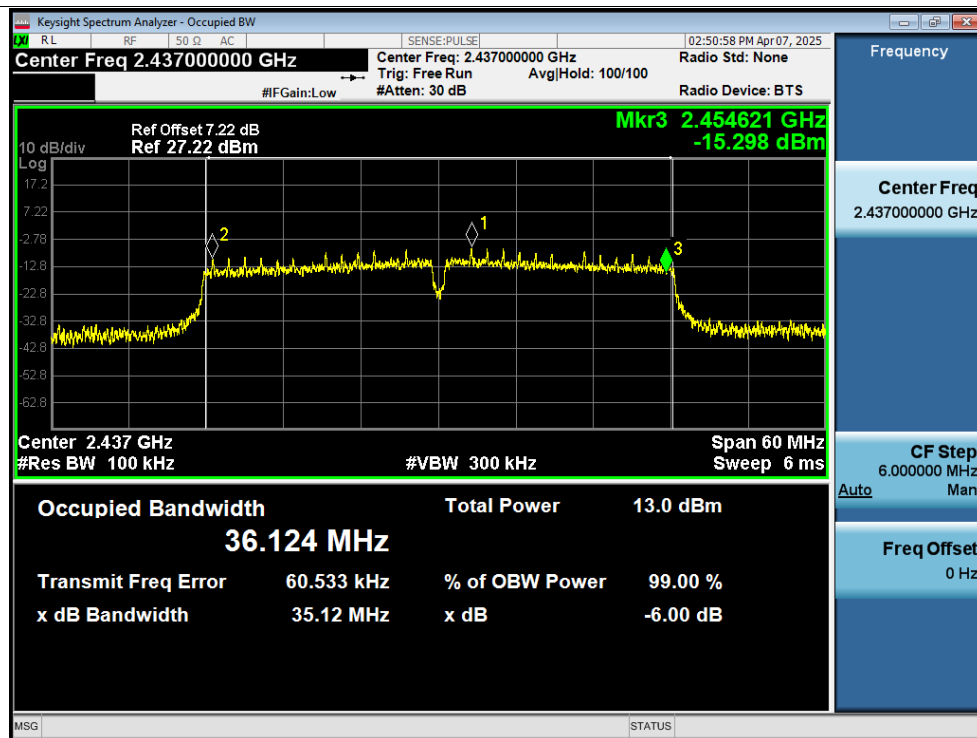
-6dB Bandwidth NVNT n40 2422MHz Ant1



-6dB Bandwidth NVNT n40 2422MHz Ant2



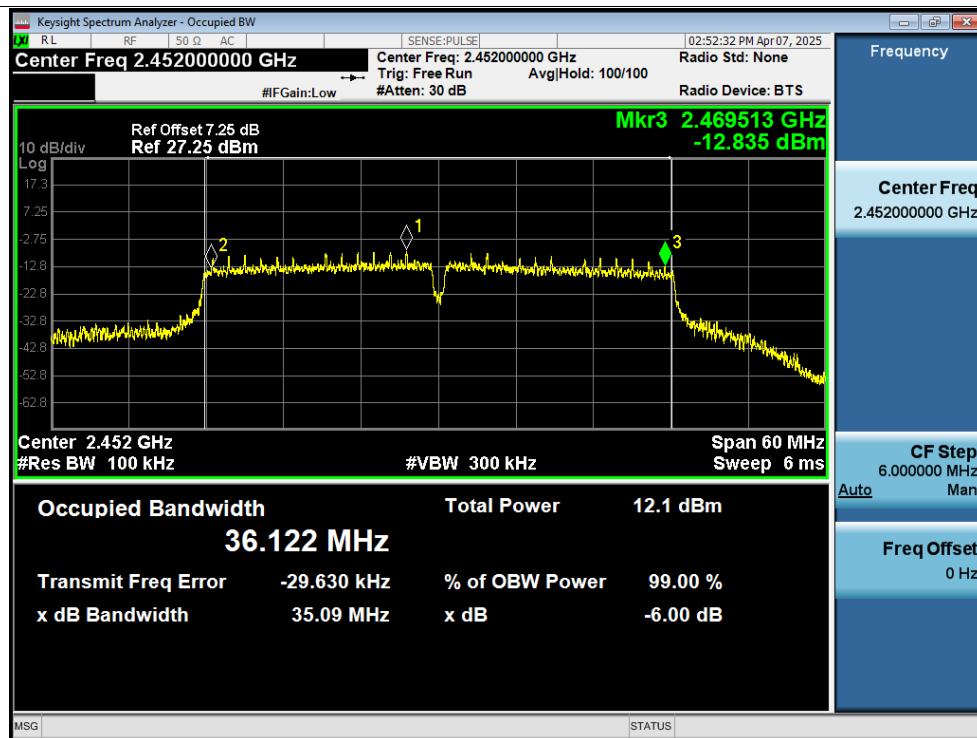
-6dB Bandwidth NVNT n40 2437MHz Ant1



-6dB Bandwidth NVNT n40 2437MHz Ant2



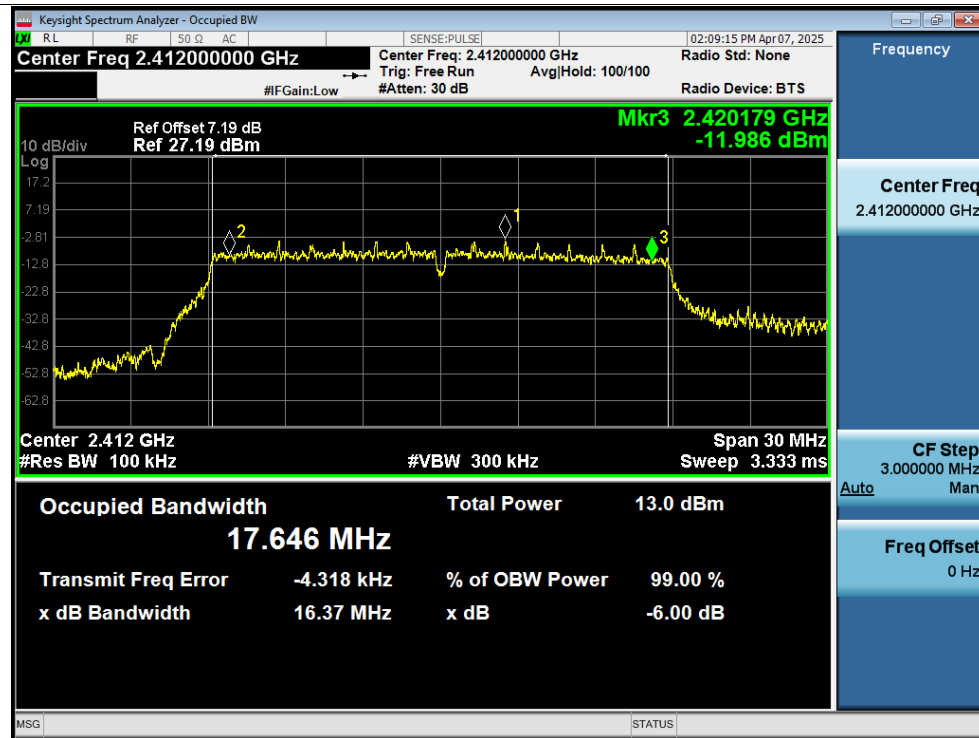
-6dB Bandwidth NVNT n40 2452MHz Ant1



-6dB Bandwidth NVNT n40 2452MHz Ant2



-6dB Bandwidth NVNT ac20 2412MHz Ant1



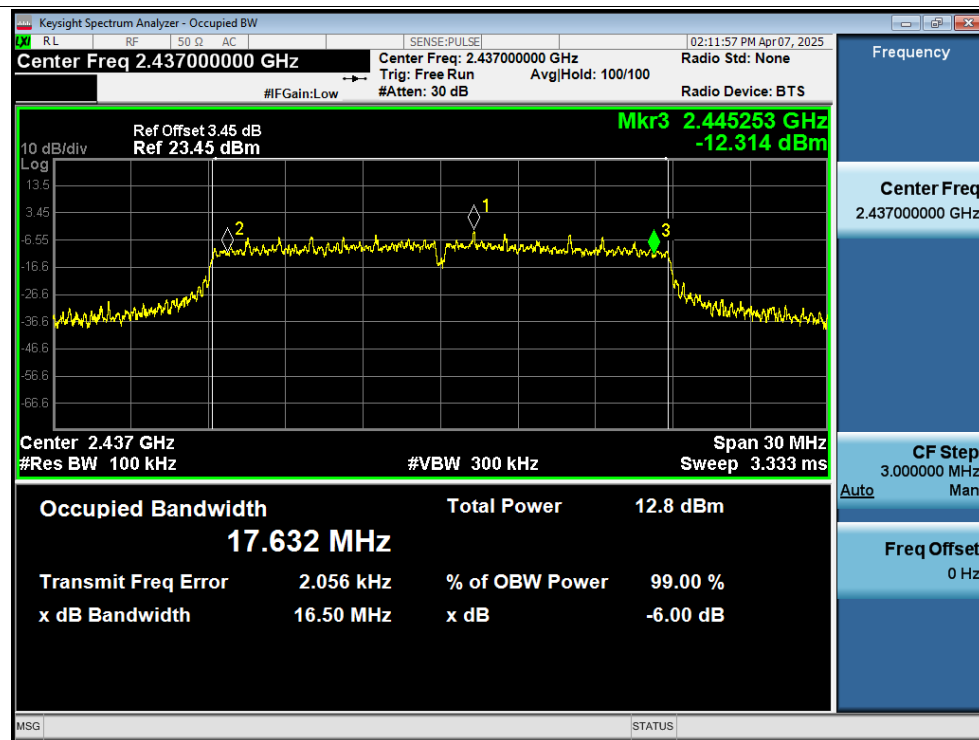
-6dB Bandwidth NVNT ac20 2412MHz Ant2



-6dB Bandwidth NVNT ac20 2437MHz Ant1



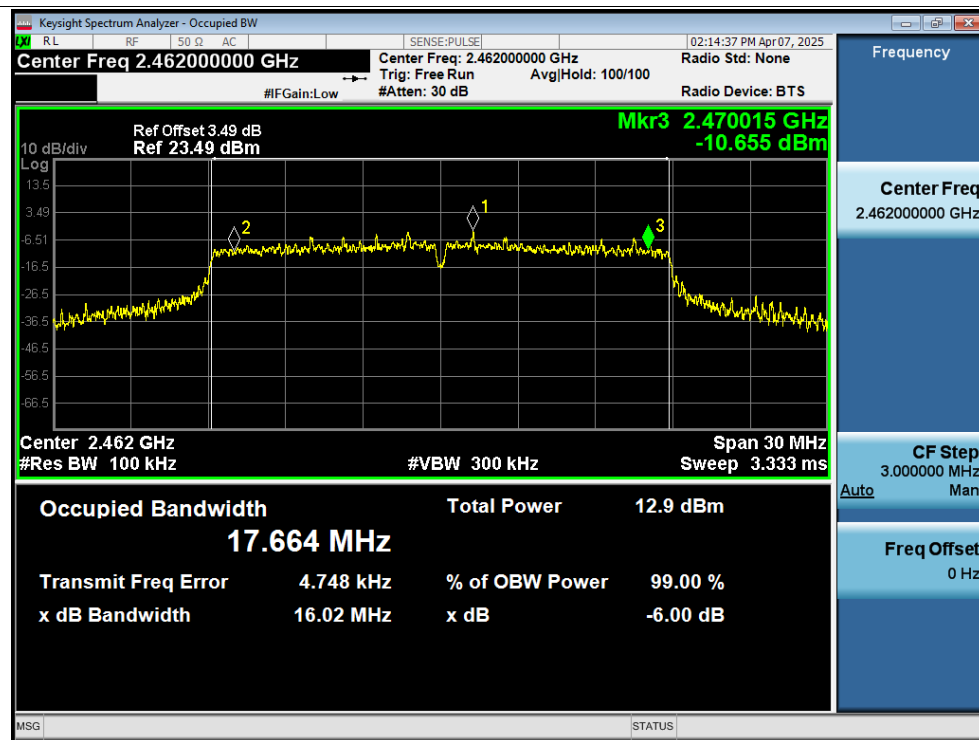
-6dB Bandwidth NVNT ac20 2437MHz Ant2



-6dB Bandwidth NVNT ac20 2462MHz Ant1



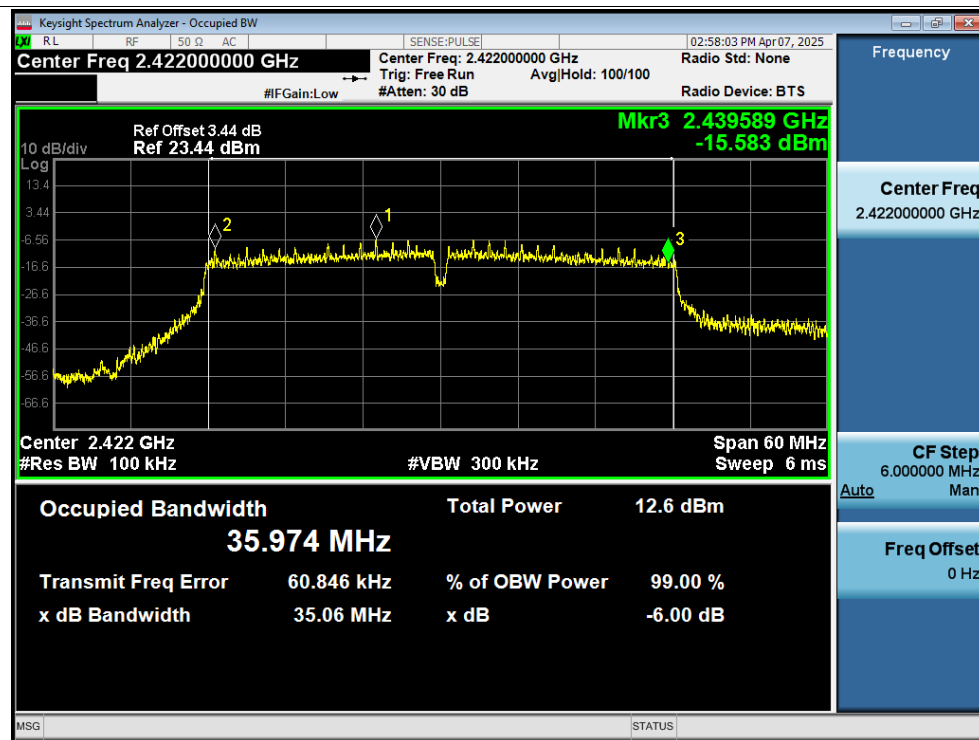
-6dB Bandwidth NVNT ac20 2462MHz Ant2



-6dB Bandwidth NVNT ac40 2422MHz Ant1



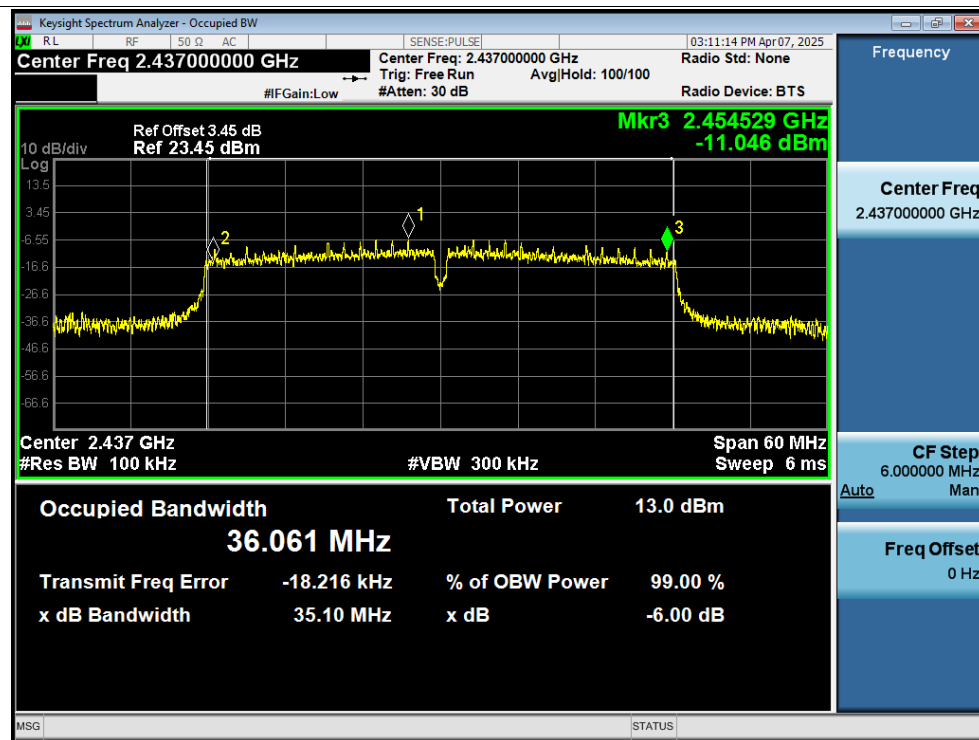
-6dB Bandwidth NVNT ac40 2422MHz Ant2



-6dB Bandwidth NVNT ac40 2437MHz Ant1



-6dB Bandwidth NVNT ac40 2437MHz Ant2



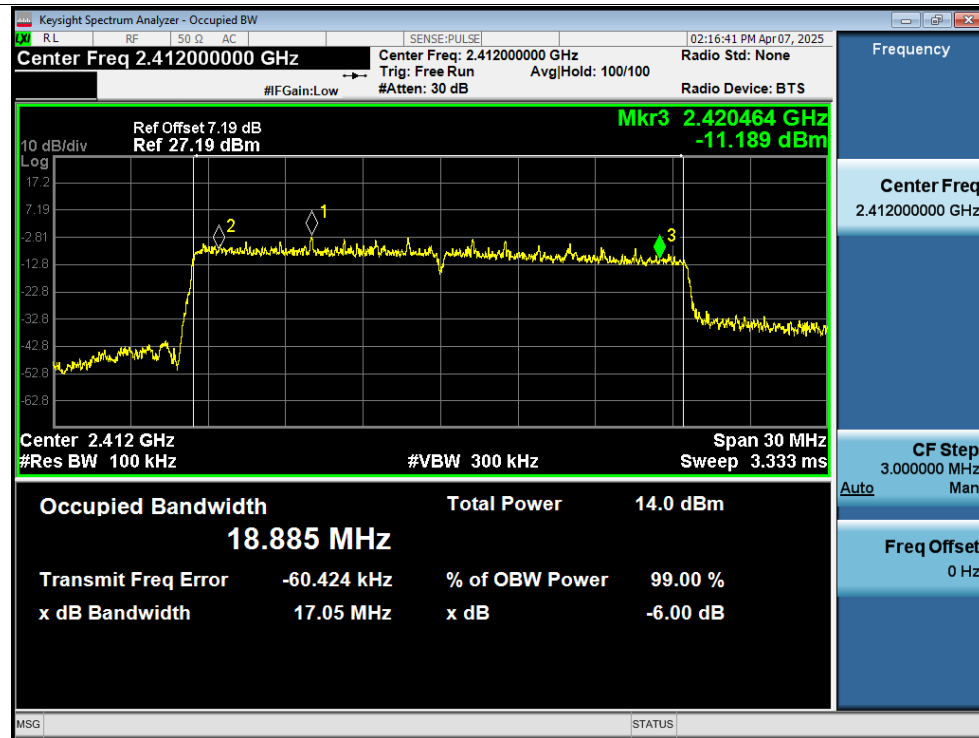
-6dB Bandwidth NVNT ac40 2452MHz Ant1



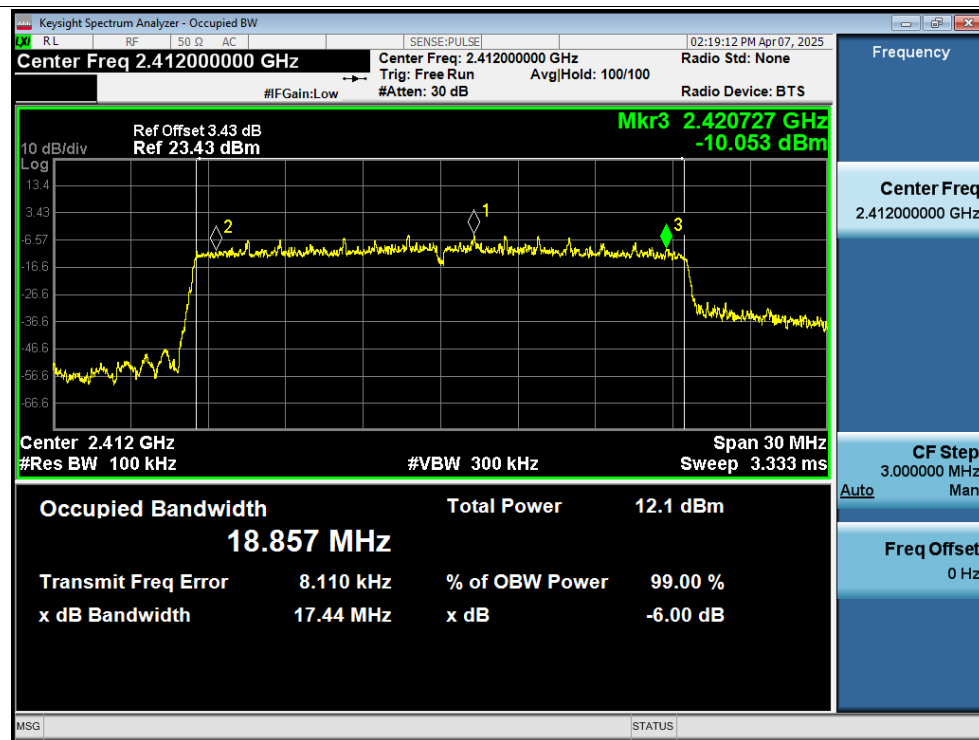
-6dB Bandwidth NVNT ac40 2452MHz Ant2



-6dB Bandwidth NVNT ax20 2412MHz Ant1



-6dB Bandwidth NVNT ax20 2412MHz Ant2



-6dB Bandwidth NVNT ax20 2437MHz Ant1



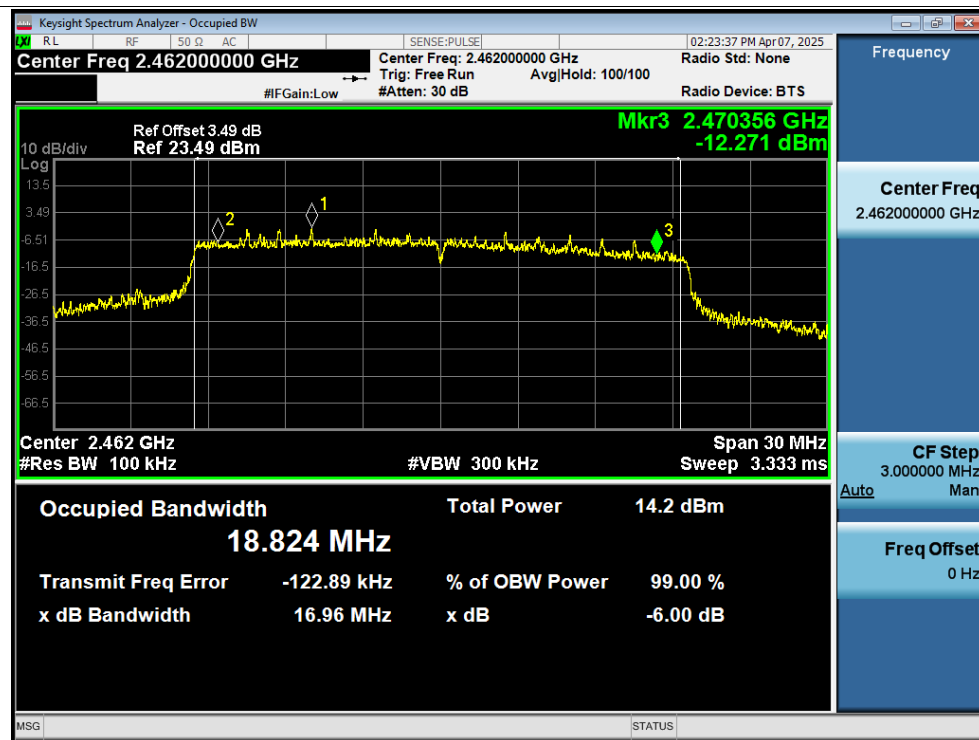
-6dB Bandwidth NVNT ax20 2437MHz Ant2



-6dB Bandwidth NVNT ax20 2462MHz Ant1



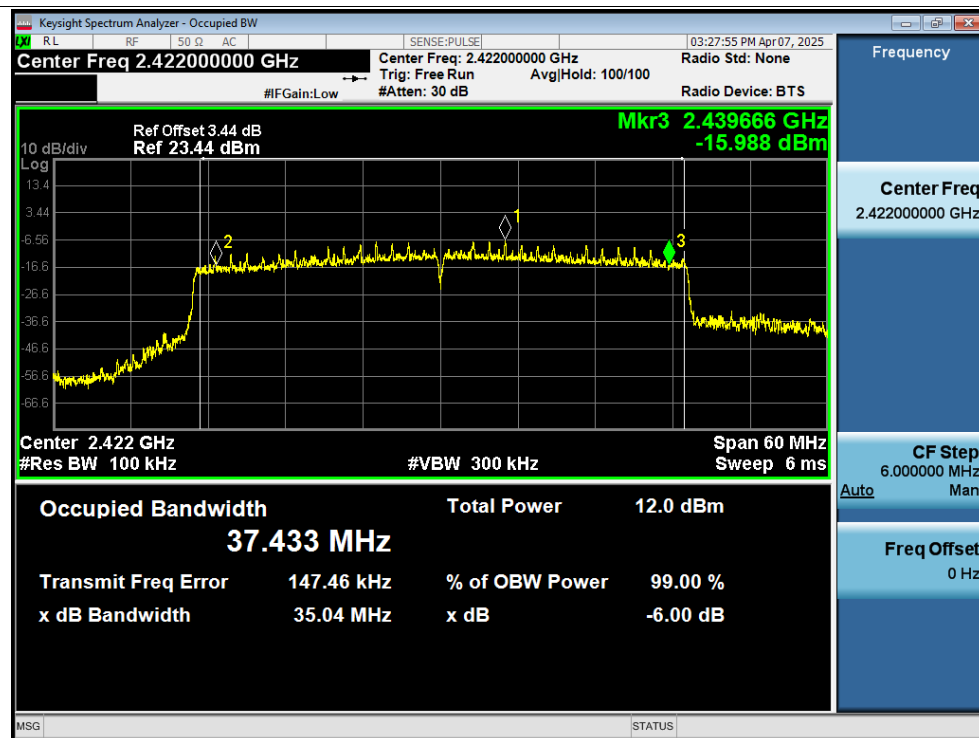
-6dB Bandwidth NVNT ax20 2462MHz Ant2



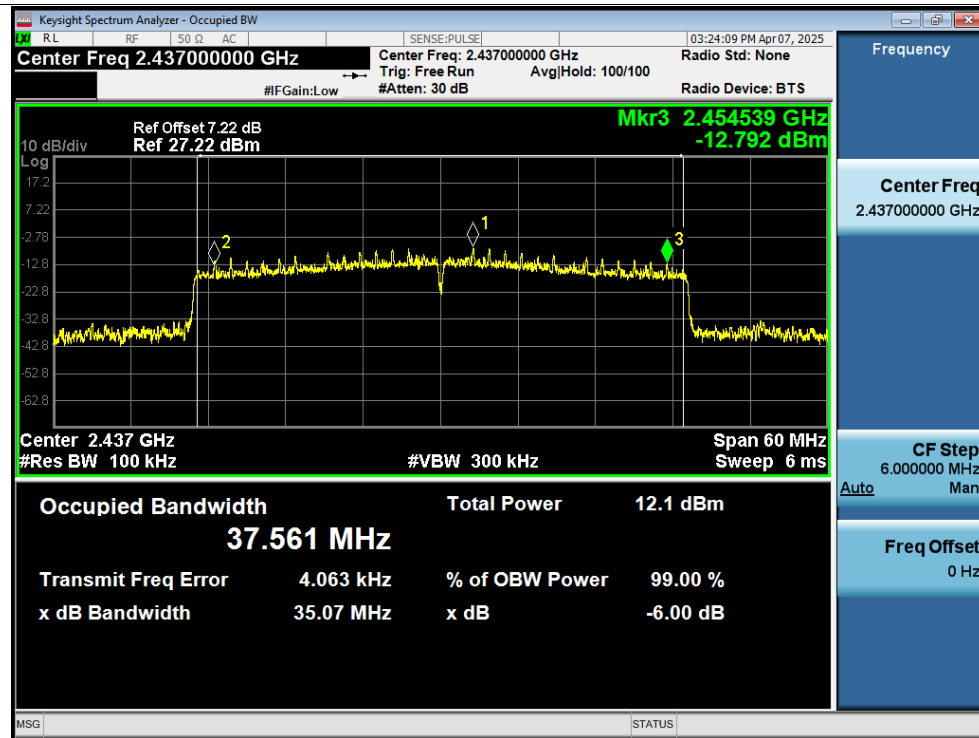
-6dB Bandwidth NVNT ax40 2422MHz Ant1



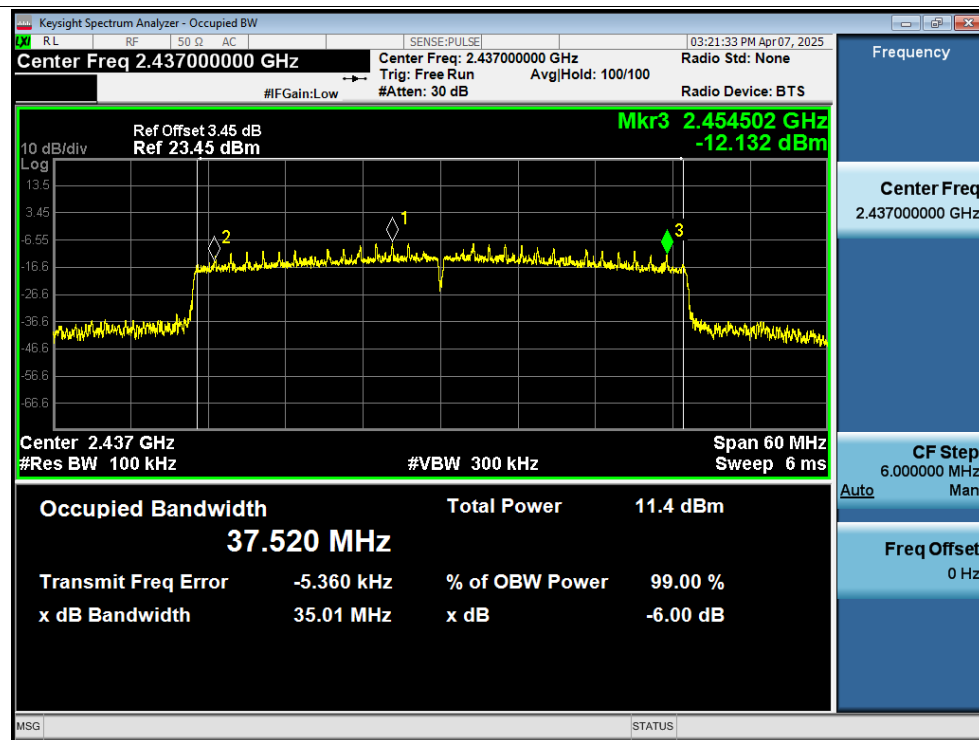
-6dB Bandwidth NVNT ax40 2422MHz Ant2



-6dB Bandwidth NVNT ax40 2437MHz Ant1



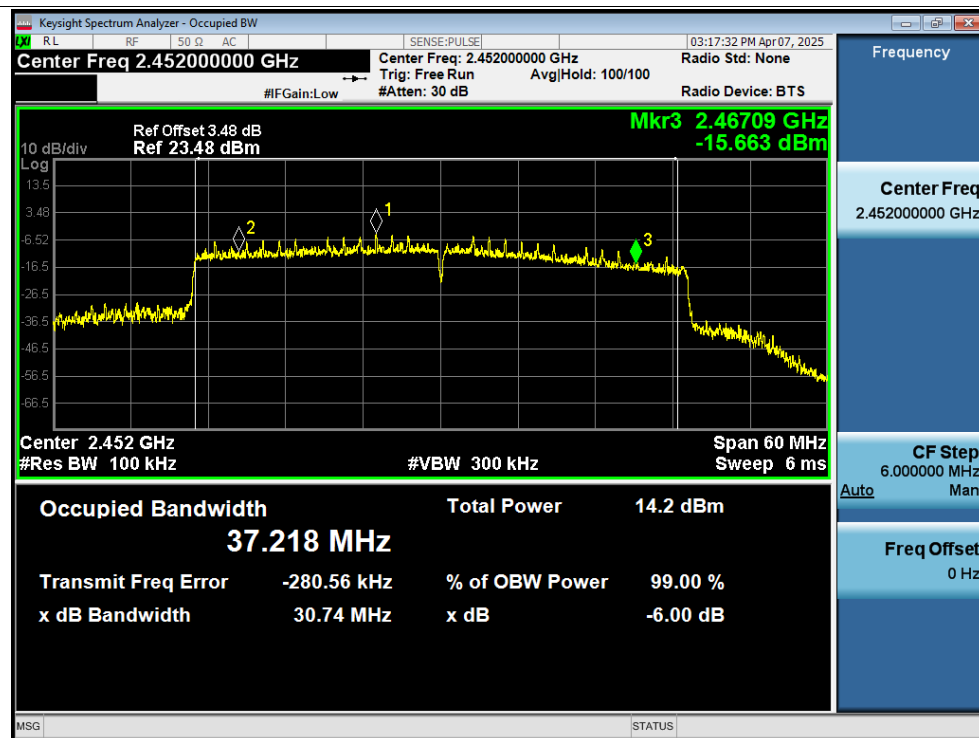
-6dB Bandwidth NVNT ax40 2437MHz Ant2



-6dB Bandwidth NVNT ax40 2452MHz Ant1



-6dB Bandwidth NVNT ax40 2452MHz Ant2



Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	12.827
NVNT	b	2412	Ant2	12.677
NVNT	b	2437	Ant1	12.488
NVNT	b	2437	Ant2	12.671
NVNT	b	2462	Ant1	12.76
NVNT	b	2462	Ant2	12.702
NVNT	g	2412	Ant1	16.648
NVNT	g	2412	Ant2	16.611
NVNT	g	2437	Ant1	16.542
NVNT	g	2437	Ant2	16.574
NVNT	g	2462	Ant1	16.618
NVNT	g	2462	Ant2	16.575
NVNT	n20	2412	Ant1	17.748
NVNT	n20	2412	Ant2	17.733
NVNT	n20	2437	Ant1	17.722
NVNT	n20	2437	Ant2	17.754
NVNT	n20	2462	Ant1	17.821
NVNT	n20	2462	Ant2	17.747
NVNT	n40	2422	Ant1	36.184
NVNT	n40	2422	Ant2	36.085
NVNT	n40	2437	Ant1	36.269
NVNT	n40	2437	Ant2	36.196
NVNT	n40	2452	Ant1	36.273
NVNT	n40	2452	Ant2	35.791
NVNT	ac20	2412	Ant1	17.724
NVNT	ac20	2412	Ant2	17.708
NVNT	ac20	2437	Ant1	17.676
NVNT	ac20	2437	Ant2	17.702
NVNT	ac20	2462	Ant1	17.779
NVNT	ac20	2462	Ant2	17.701
NVNT	ac40	2422	Ant1	36.349
NVNT	ac40	2422	Ant2	36.145
NVNT	ac40	2437	Ant1	36.345
NVNT	ac40	2437	Ant2	36.193
NVNT	ac40	2452	Ant1	36.277
NVNT	ac40	2452	Ant2	35.842
NVNT	ax20	2412	Ant1	18.862
NVNT	ax20	2412	Ant2	18.882
NVNT	ax20	2437	Ant1	18.982

NVNT	ax20	2437	Ant2	18.947
NVNT	ax20	2462	Ant1	18.957
NVNT	ax20	2462	Ant2	18.92
NVNT	ax40	2422	Ant1	37.682
NVNT	ax40	2422	Ant2	37.479
NVNT	ax40	2437	Ant1	37.644
NVNT	ax40	2437	Ant2	37.529
NVNT	ax40	2452	Ant1	37.718
NVNT	ax40	2452	Ant2	37.301

Test Graphs

OBW NVNT b 2412MHz Ant1



OBW NVNT b 2412MHz Ant2



OBW NVNT b 2437MHz Ant1



OBW NVNT b 2437MHz Ant2



OBW NVNT b 2462MHz Ant1



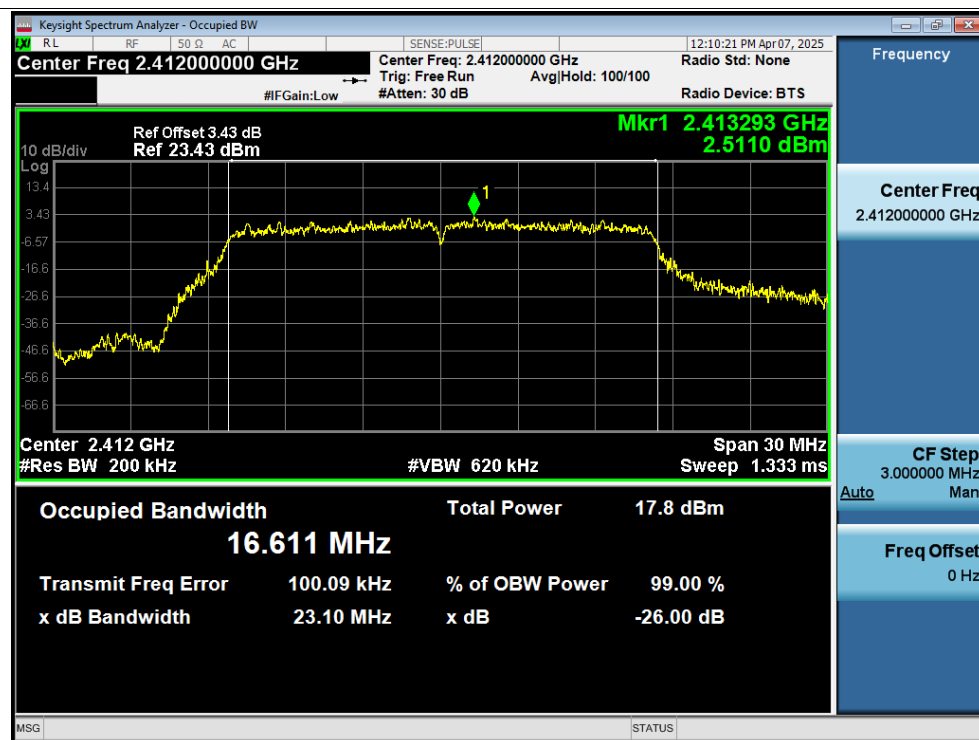
OBW NVNT b 2462MHz Ant2



OBW NVNT g 2412MHz Ant1



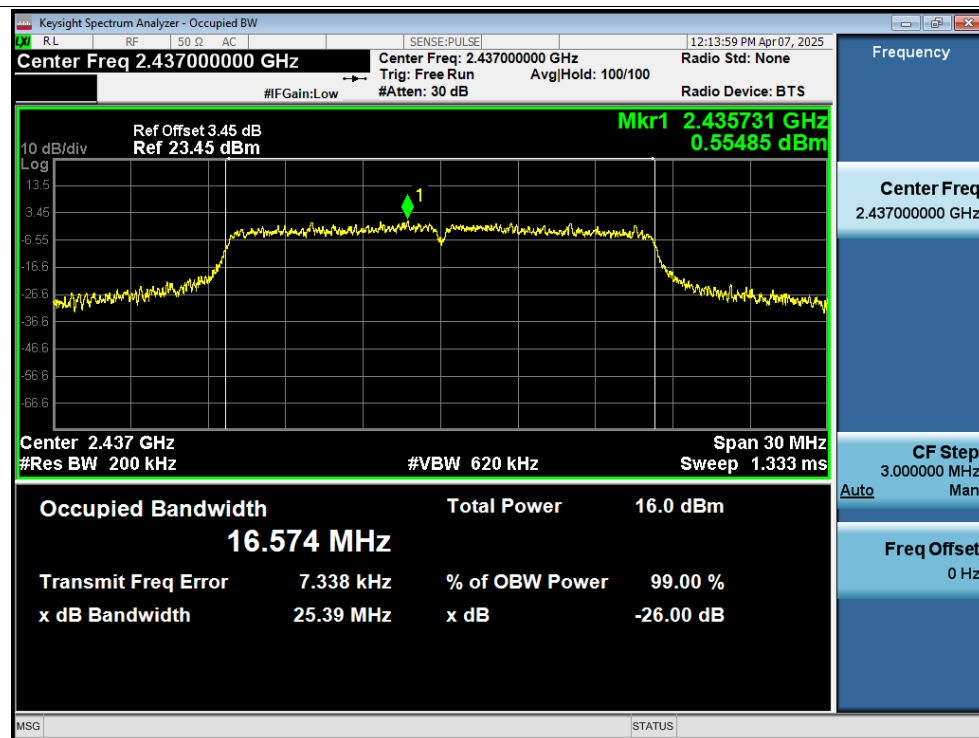
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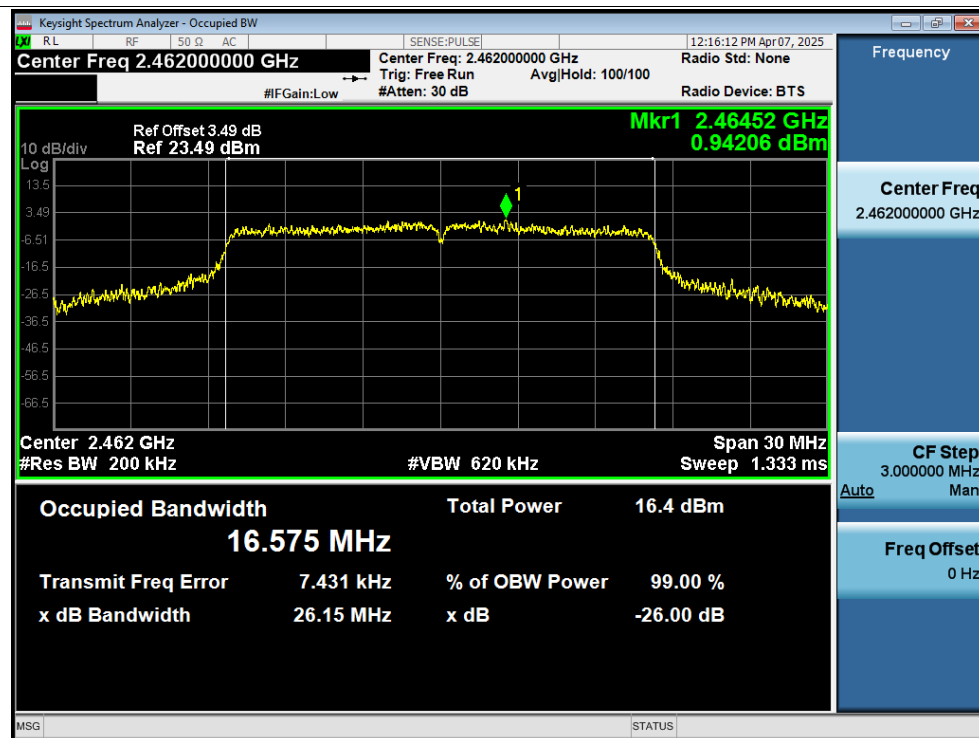
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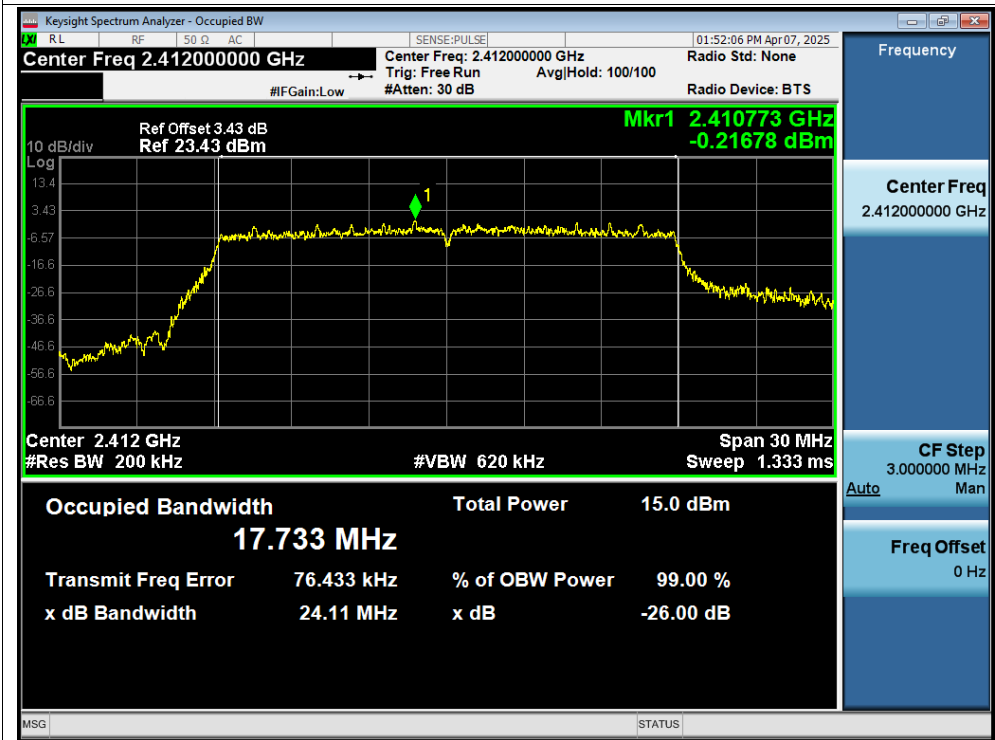
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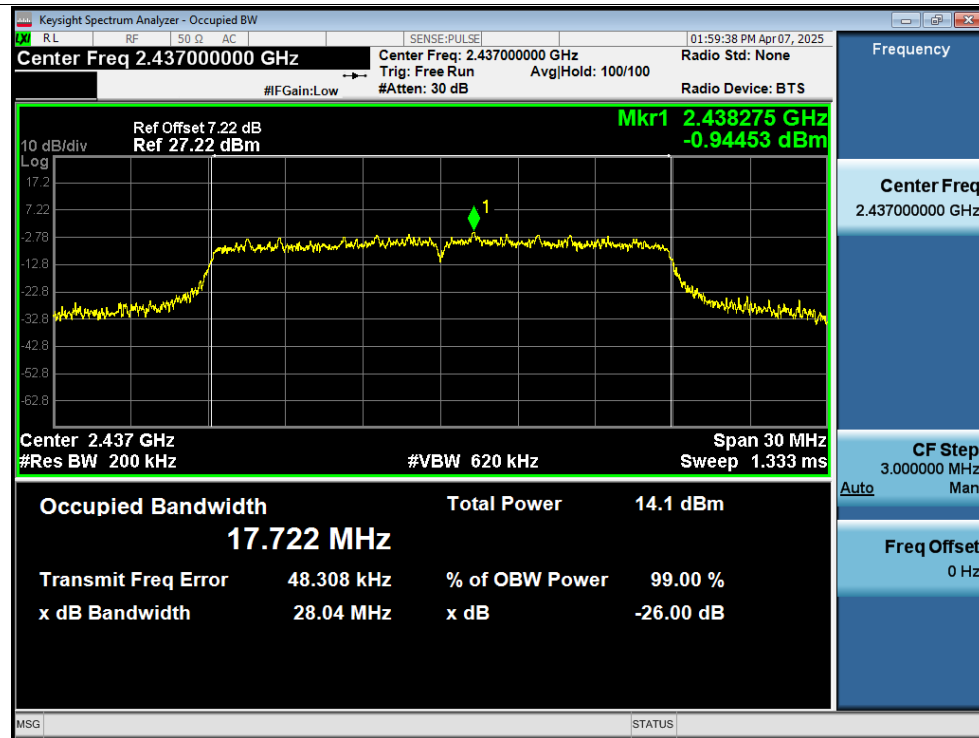
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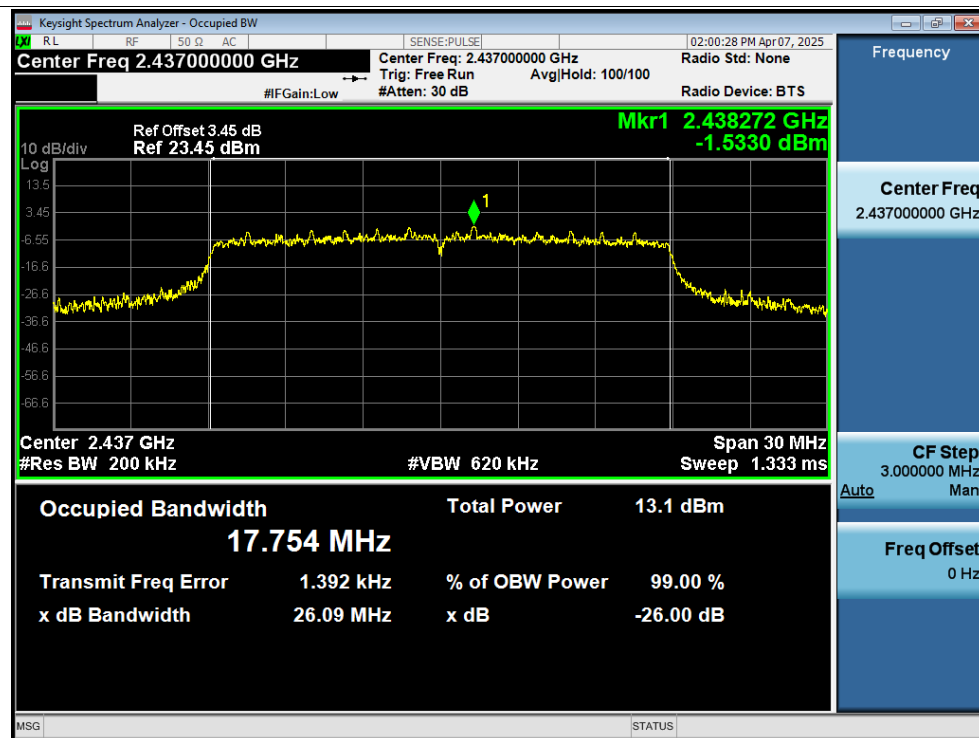
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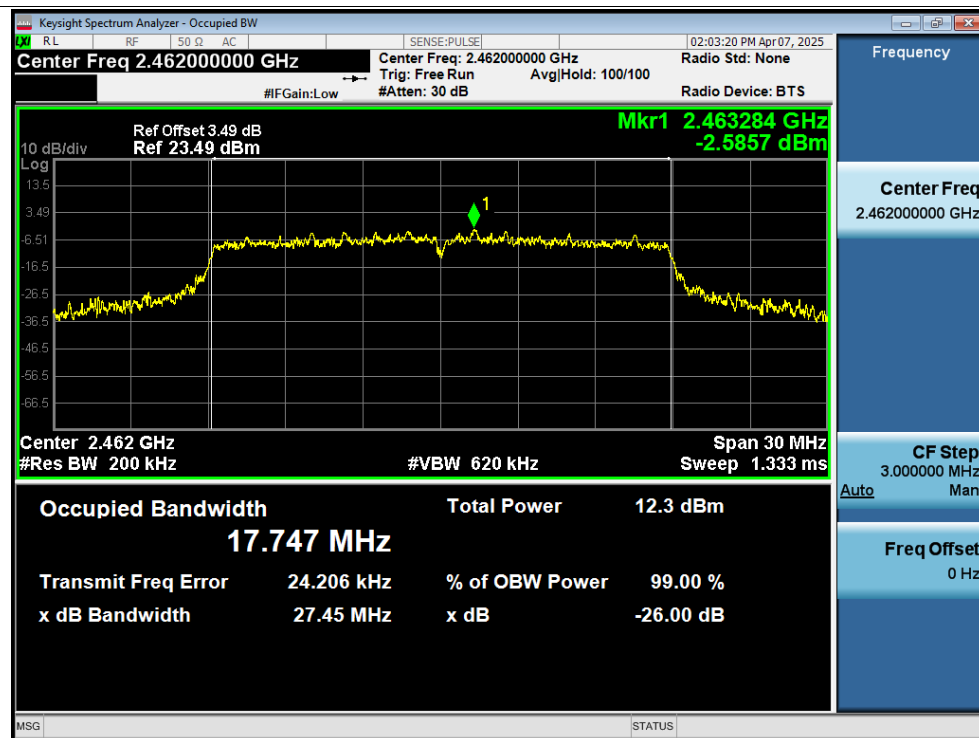
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OBW NVNT n20 2462MHz Ant1



OBW NVNT n20 2462MHz Ant2



OBW NVNT n40 2422MHz Ant1



OBW NVNT n40 2422MHz Ant2



OBW NVNT n40 2437MHz Ant1



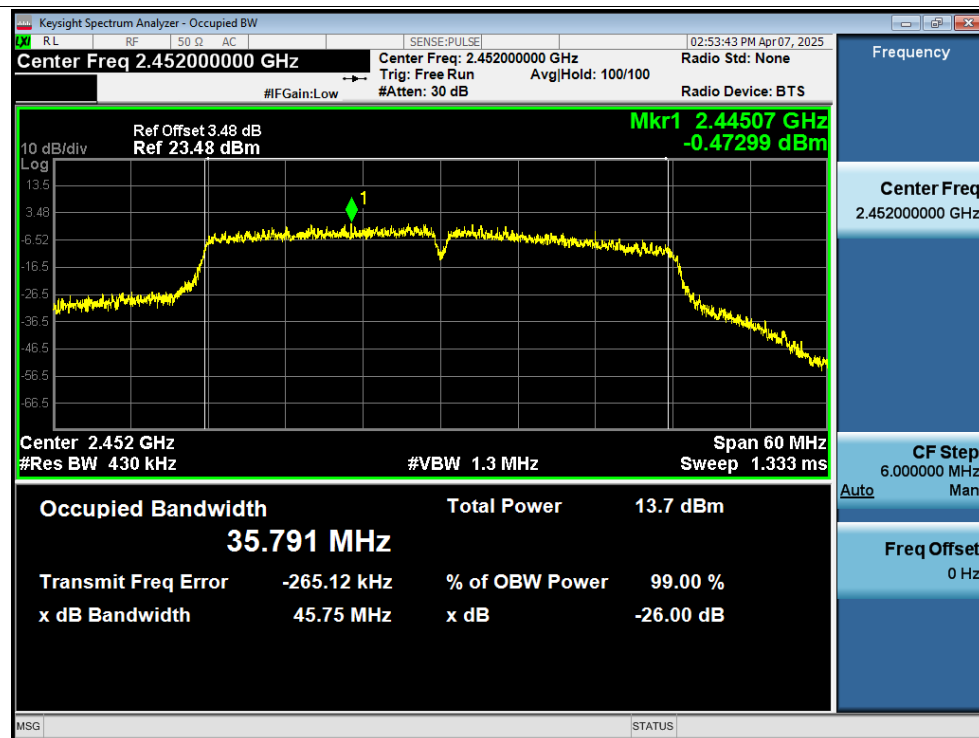
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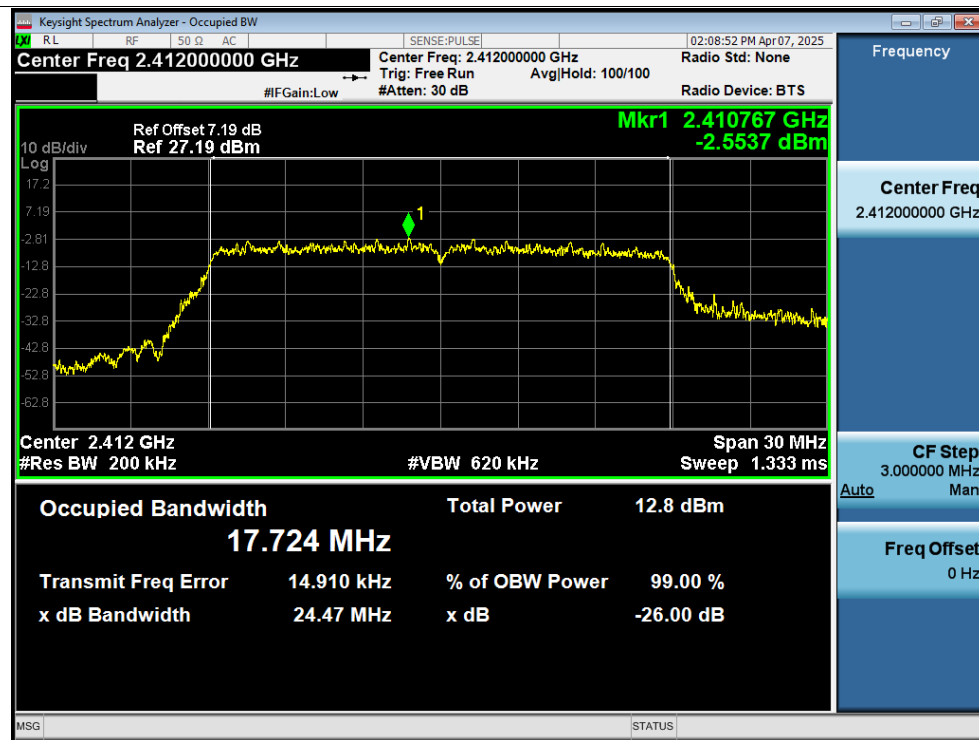
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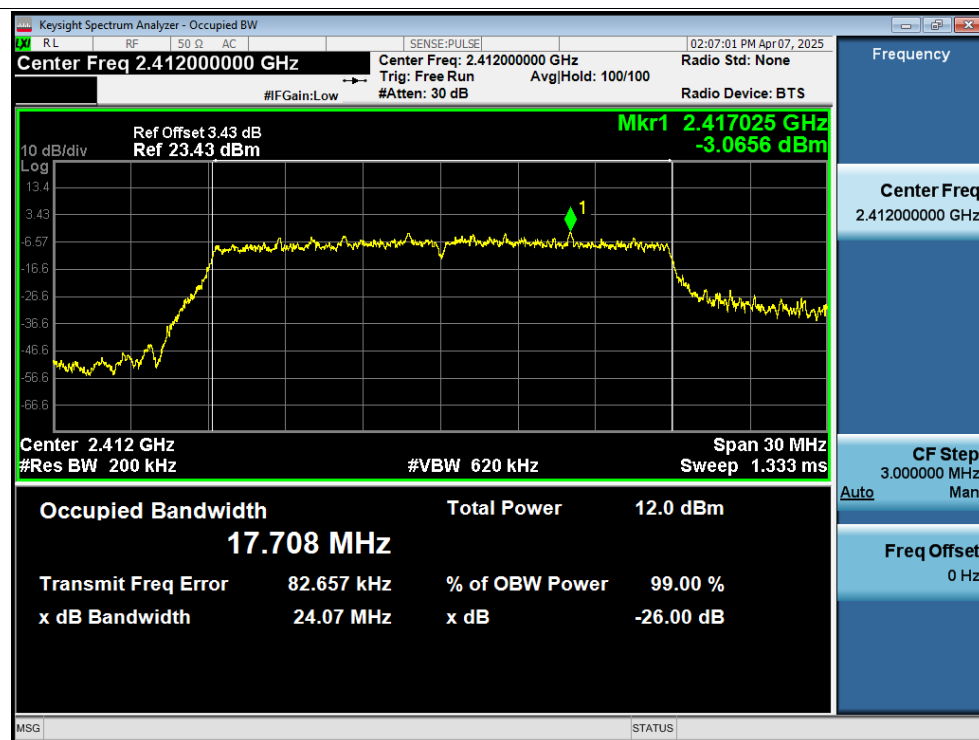
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OBW NVNT ac20 2412MHz Ant1



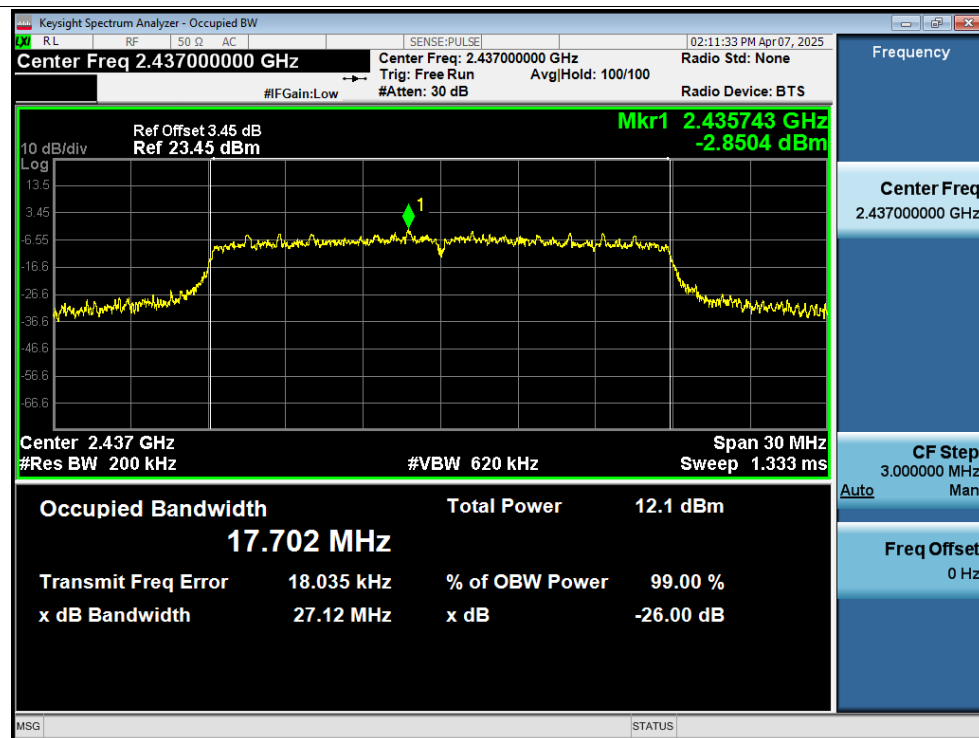
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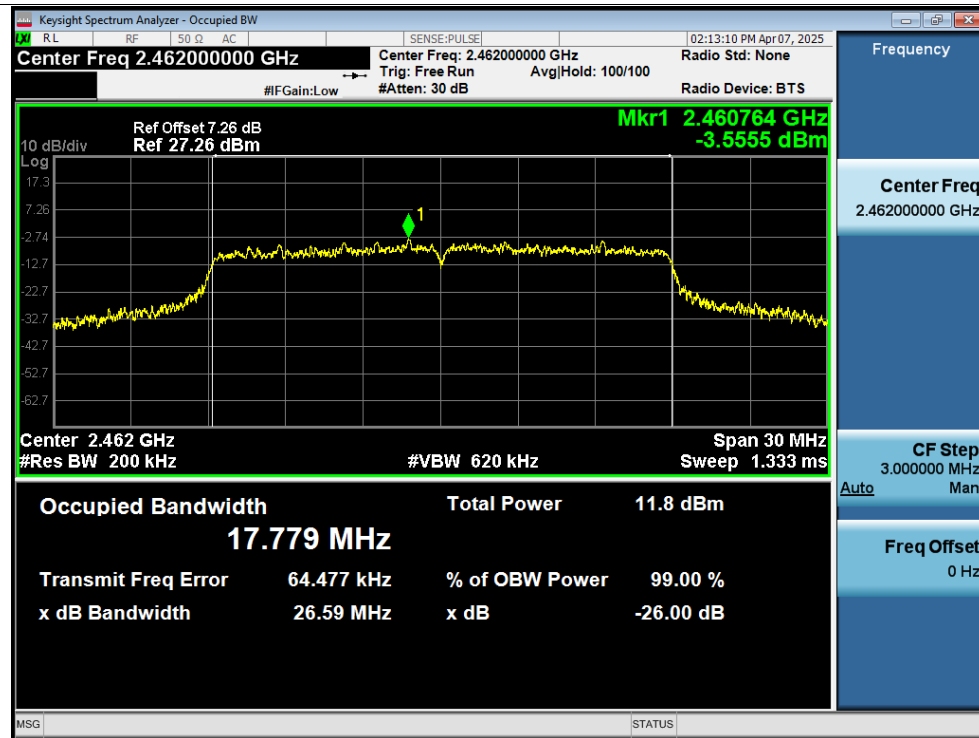
OBW NVNT ac20 2437MHz Ant1



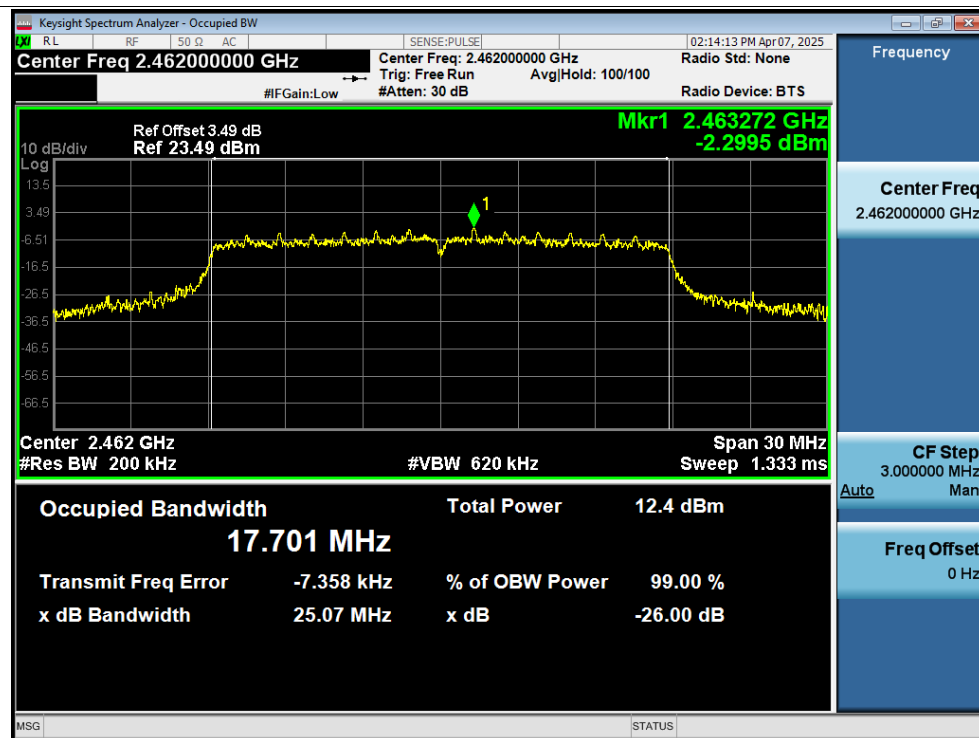
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OBW NVNT ac20 2462MHz Ant1



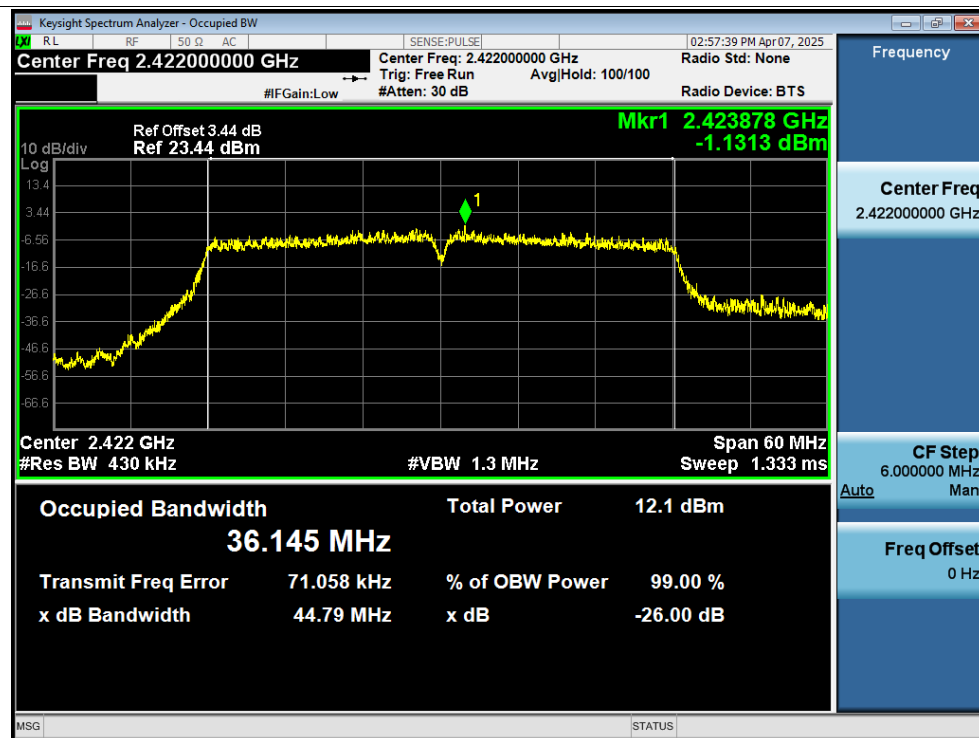
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OBW NVNT ac40 2422MHz Ant1



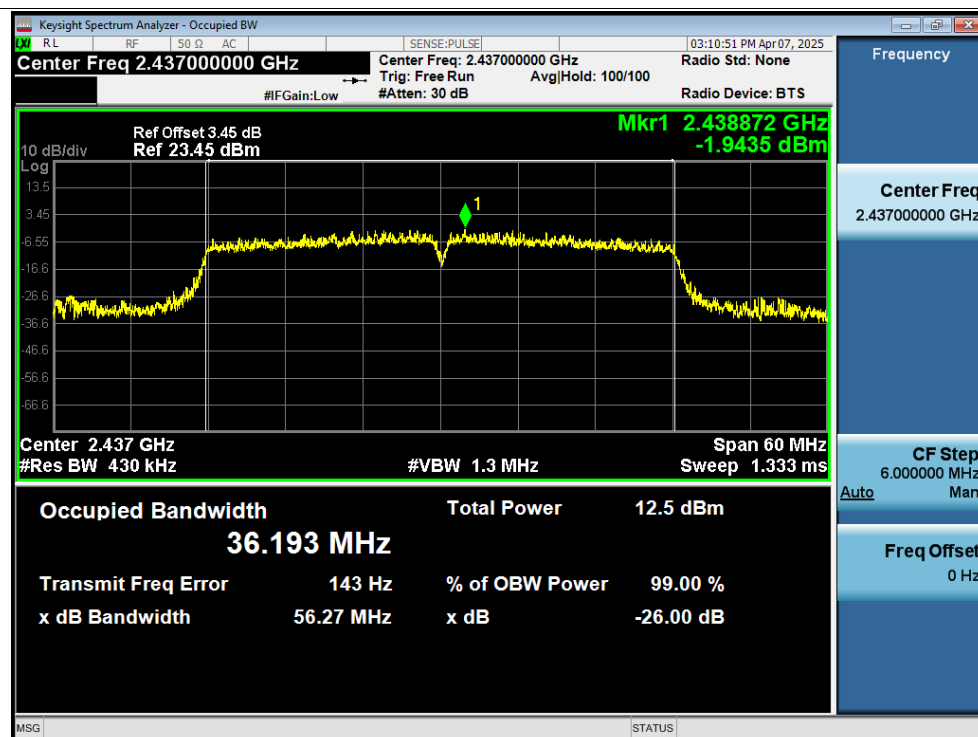
OBW NVNT ac40 2422MHz Ant2



OBW NVNT ac40 2437MHz Ant1



OBW NVNT ac40 2437MHz Ant2



OBW NVNT ac40 2452MHz Ant1



OBW NVNT ac40 2452MHz Ant2

