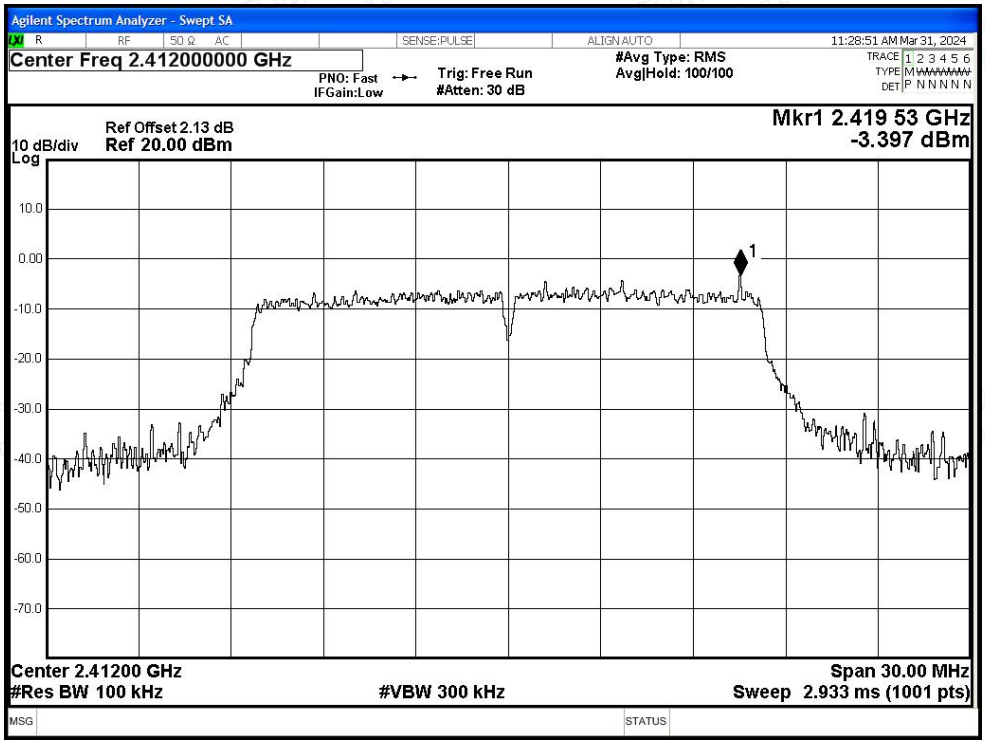
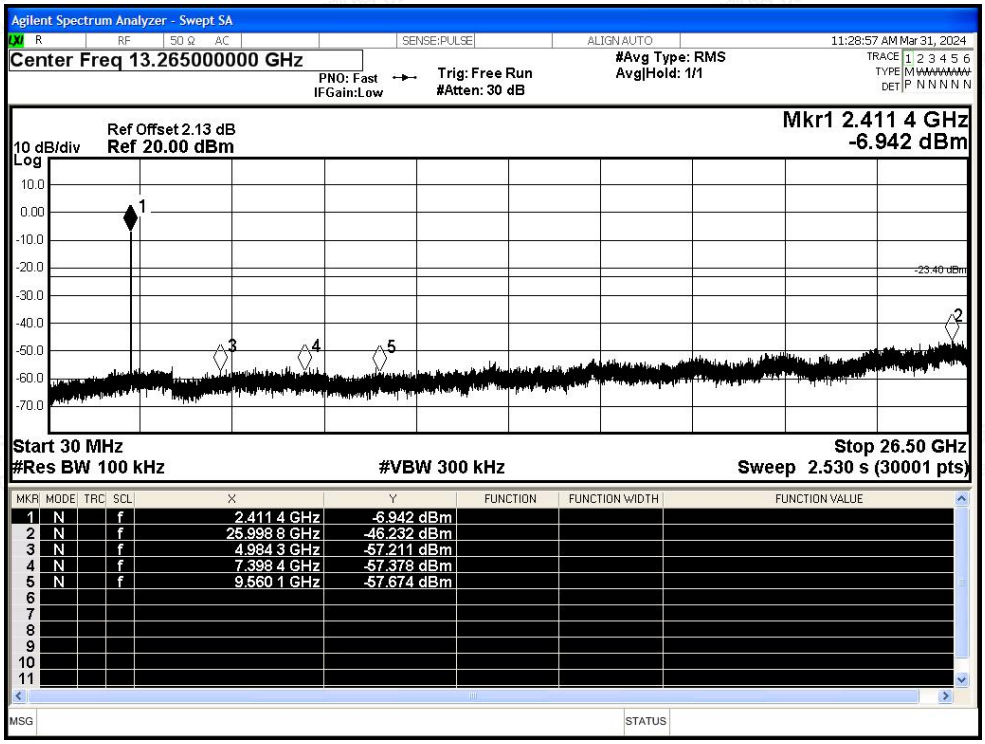
Tx. Spurious NVNT g 2412MHz Ant1 Ref



Tx. Spurious NVNT g 2412MHz Ant1 Emission



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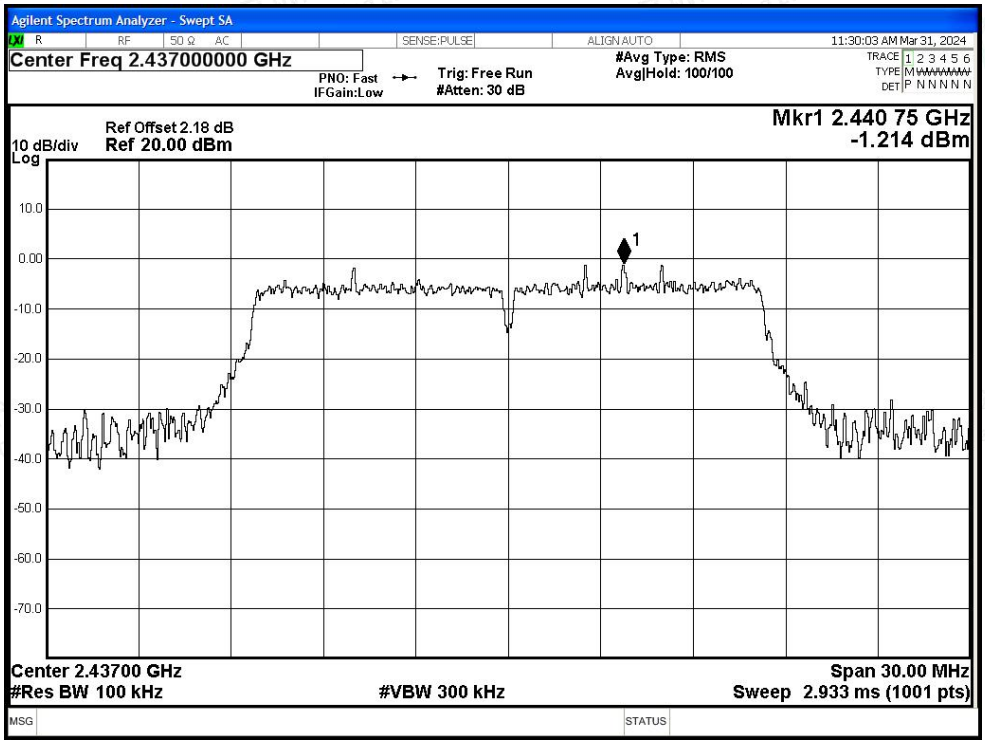

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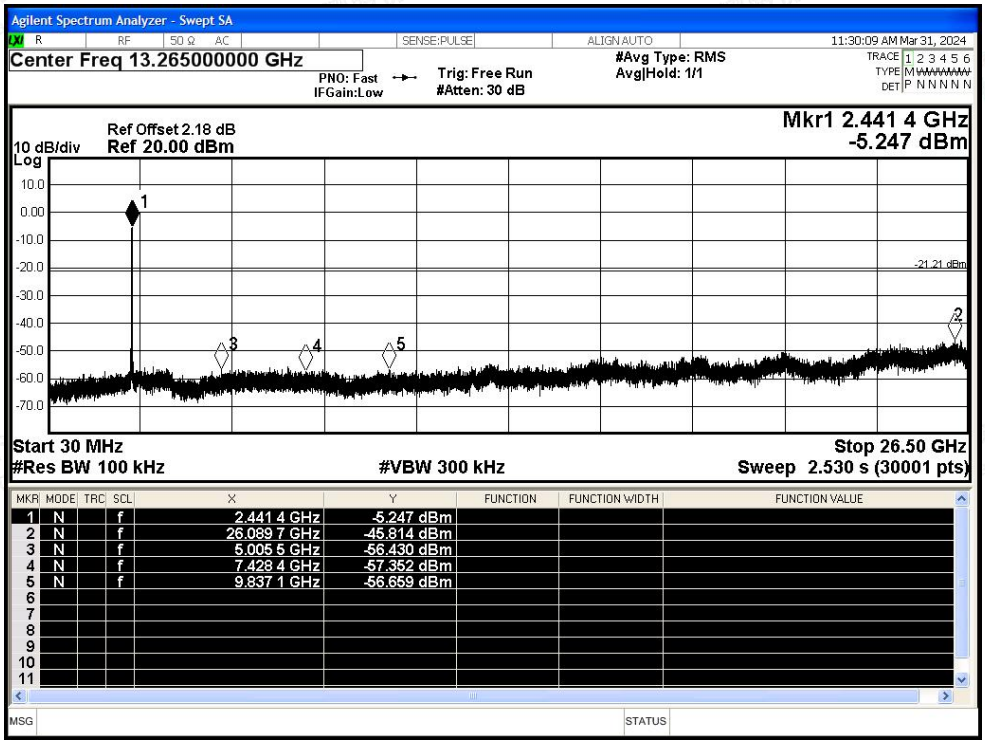

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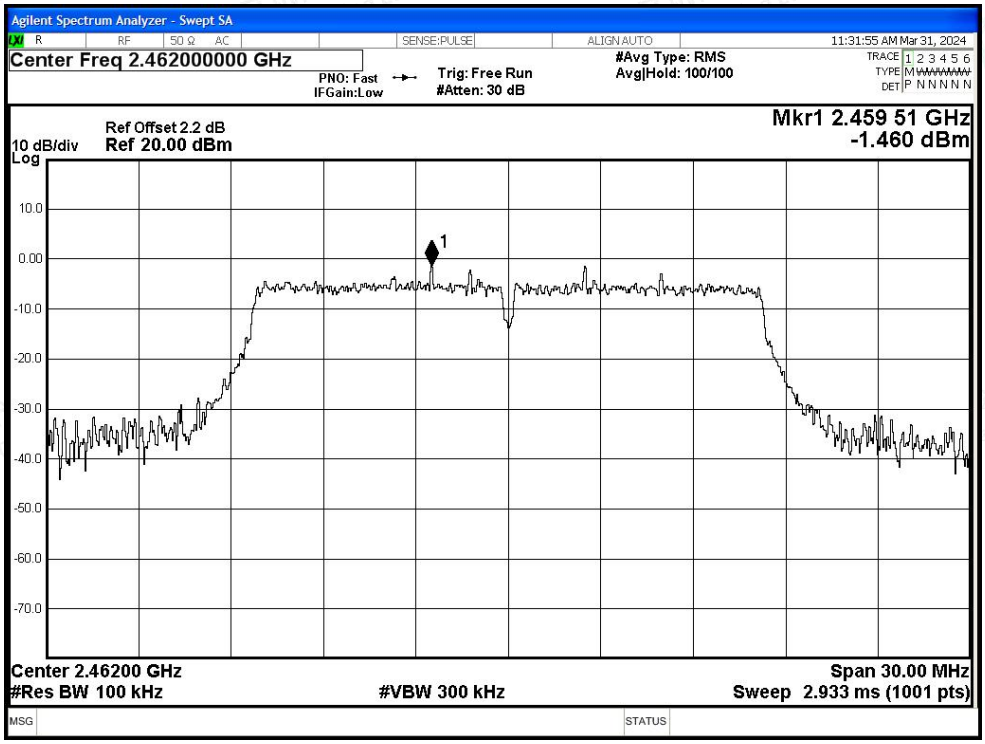
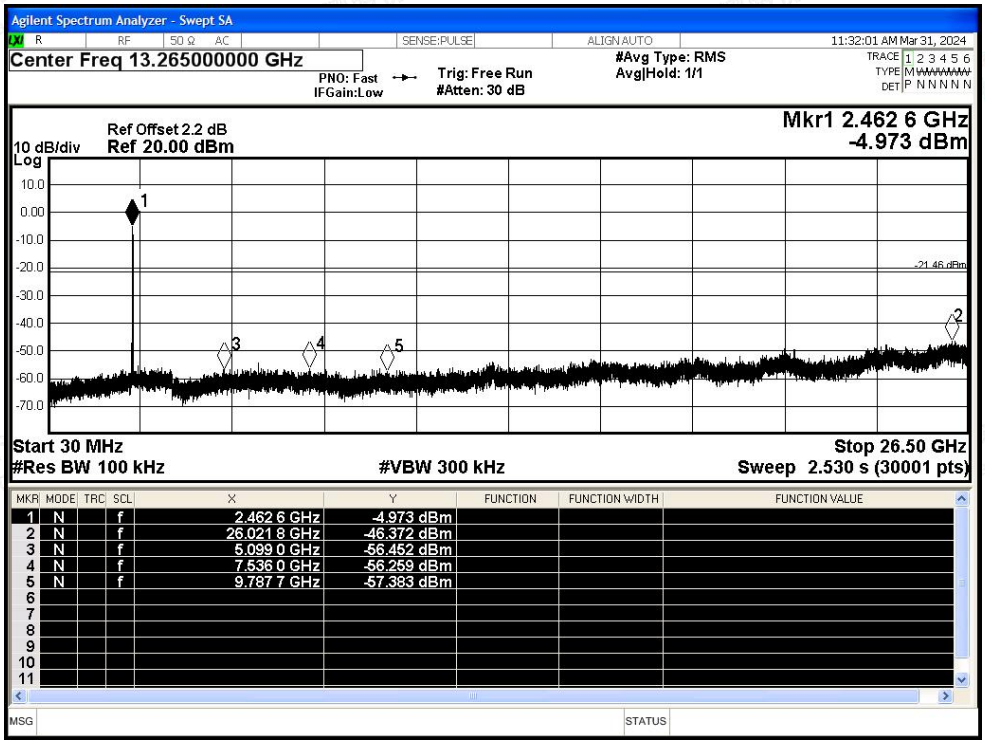


Tx. Spurious NVNT g 2462MHz Ant1 Emission



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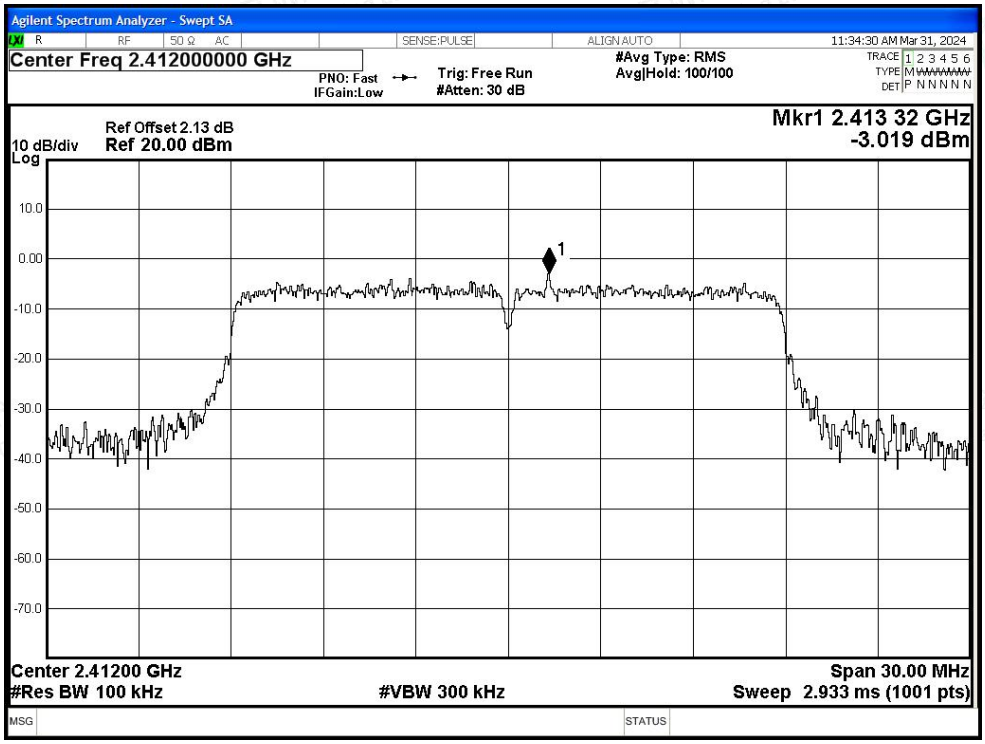

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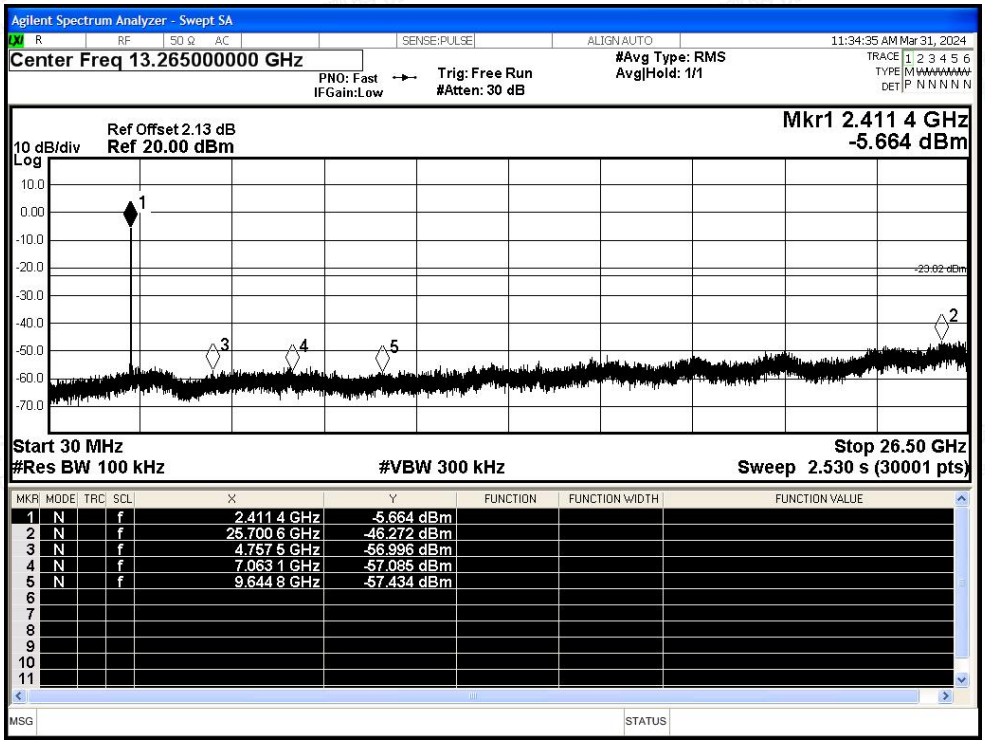

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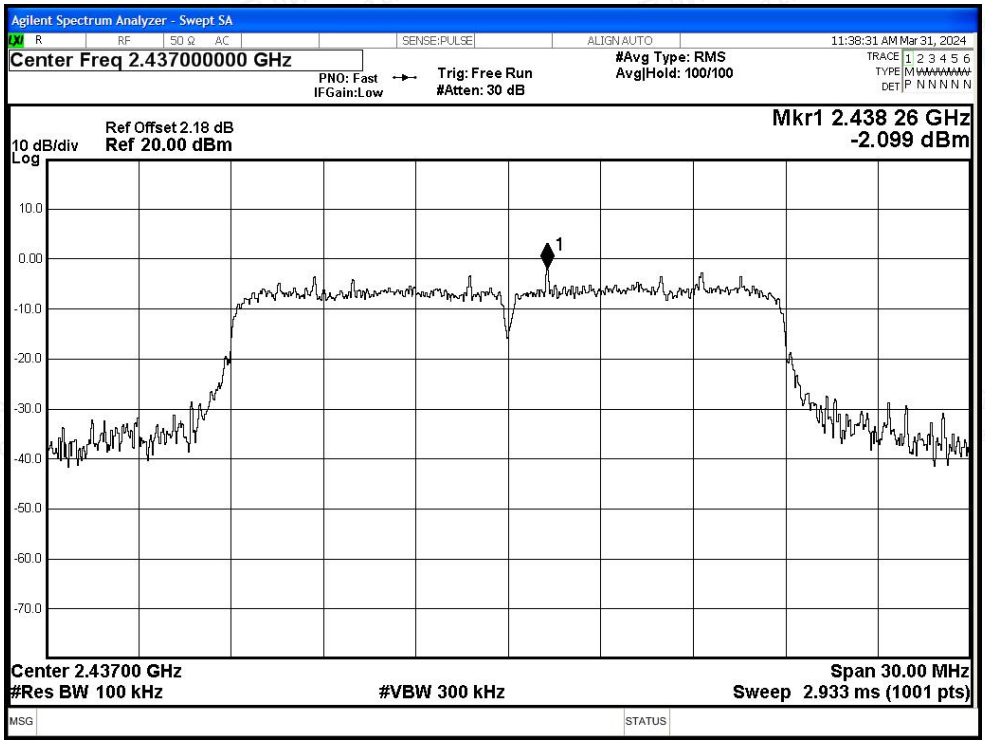

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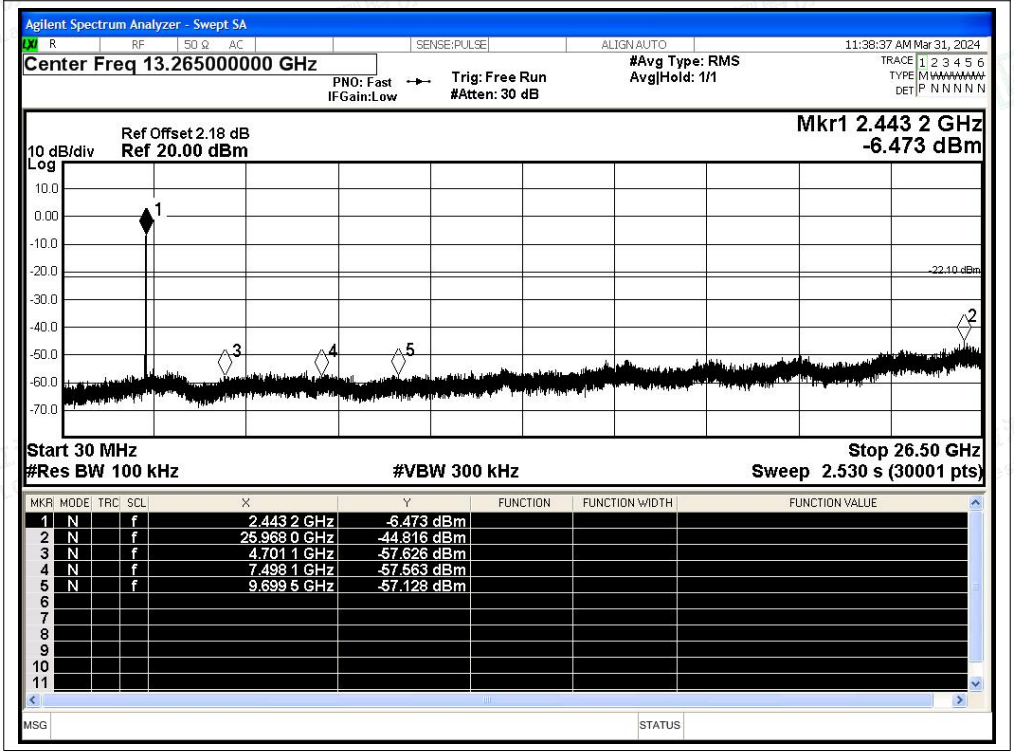

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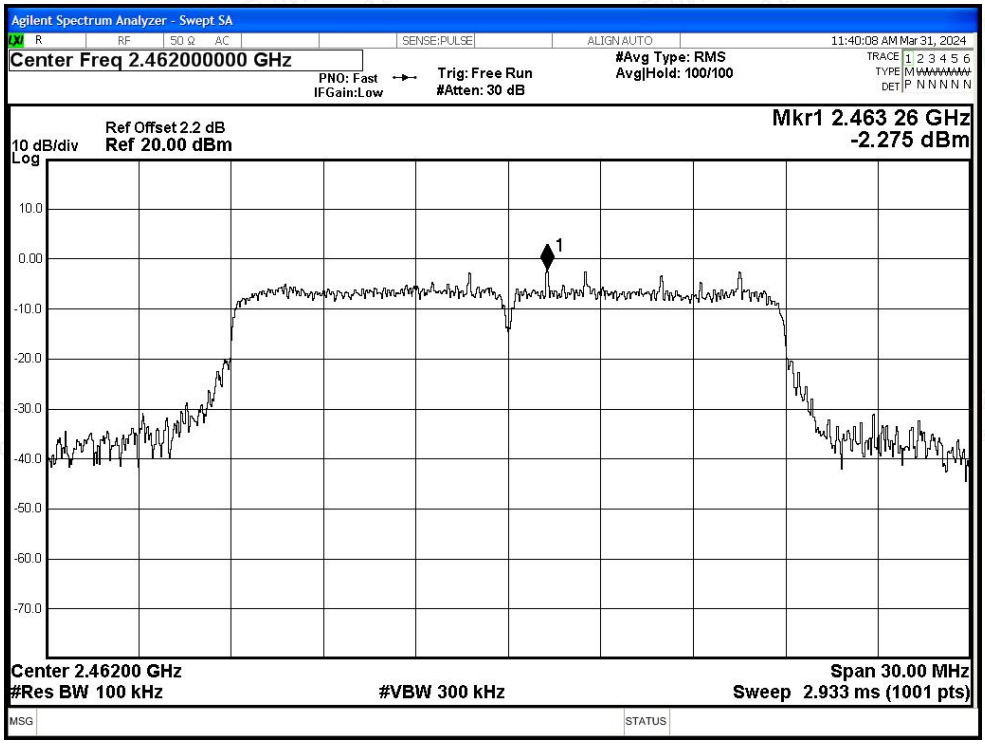
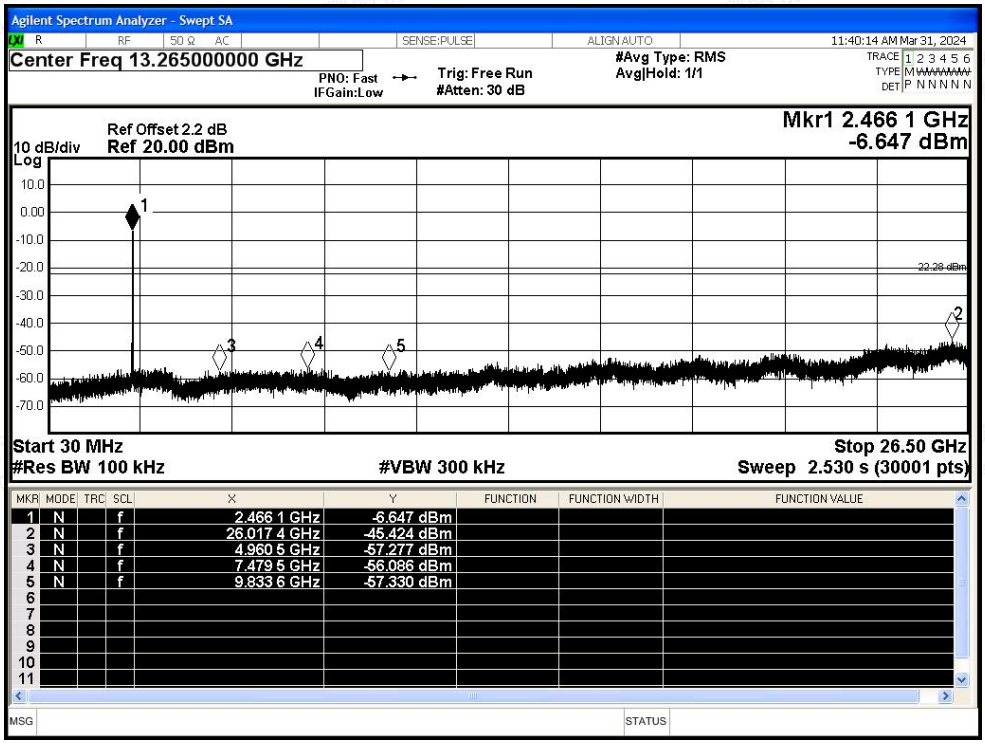


Tx. Spurious NVNT n20 2462MHz Ant1 Emission

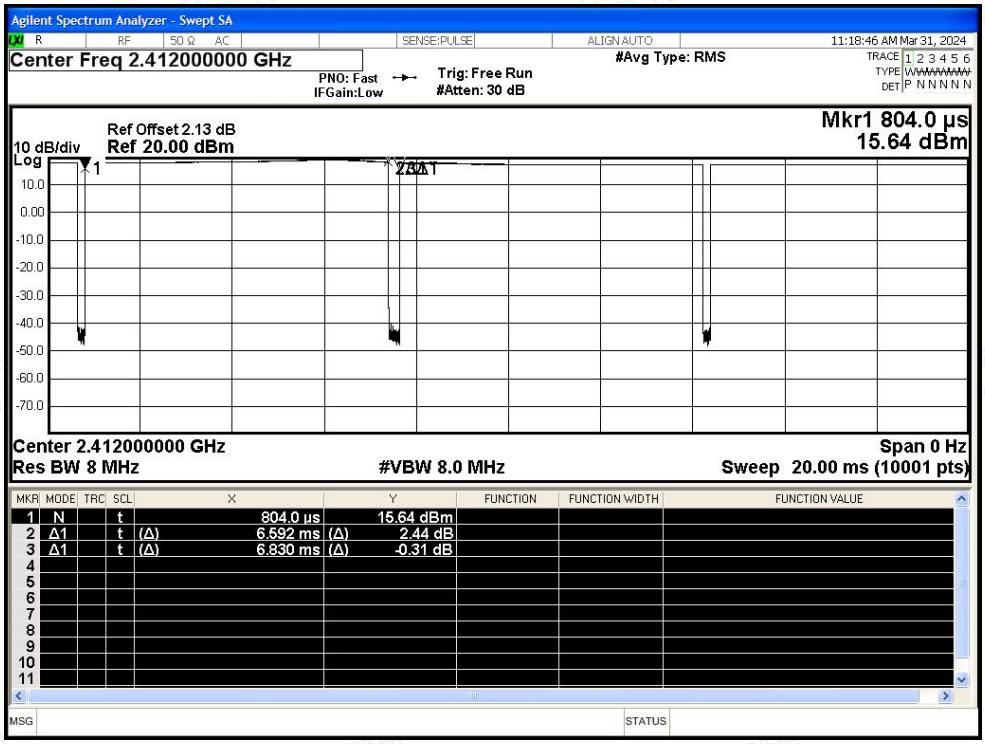


A.6 Duty Cycle

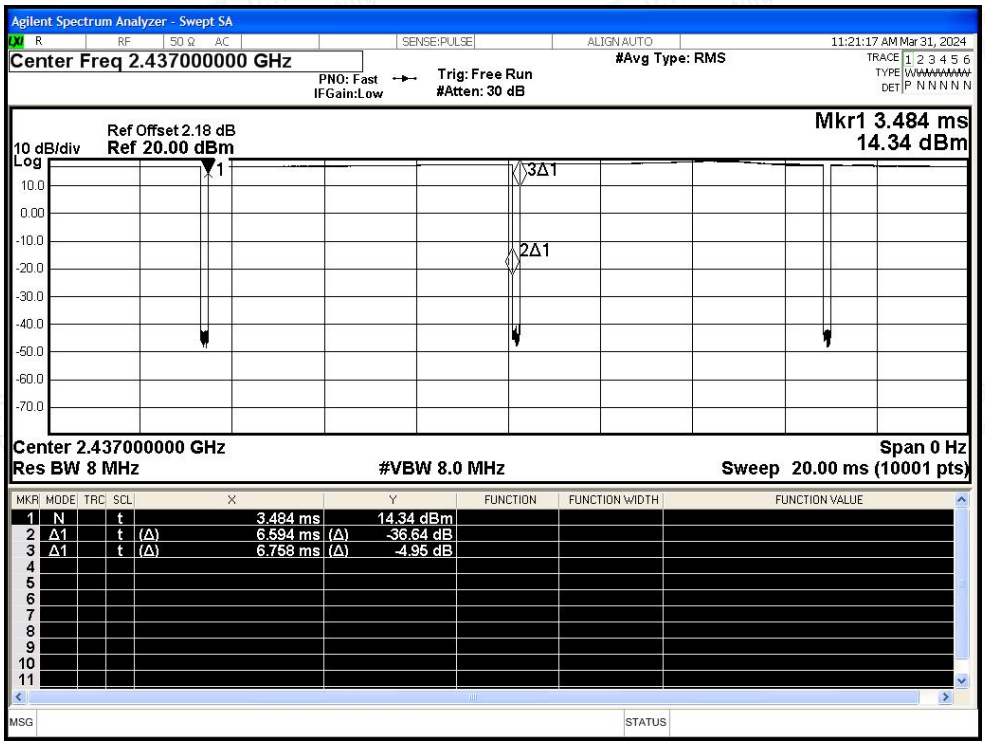
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	96.52	0.15	0.15
NVNT	b	2437	Ant1	97.57	0.11	0.15
NVNT	b	2462	Ant1	96.4	0.16	0.15
NVNT	g	2412	Ant1	91.13	0.4	0.37
NVNT	g	2437	Ant1	91.19	0.4	0.37
NVNT	g	2462	Ant1	91.19	0.4	0.37
NVNT	n20	2412	Ant1	89.32	0.49	0.44
NVNT	n20	2437	Ant1	89.67	0.47	0.44
NVNT	n20	2462	Ant1	89.31	0.49	0.44

Test Graphs

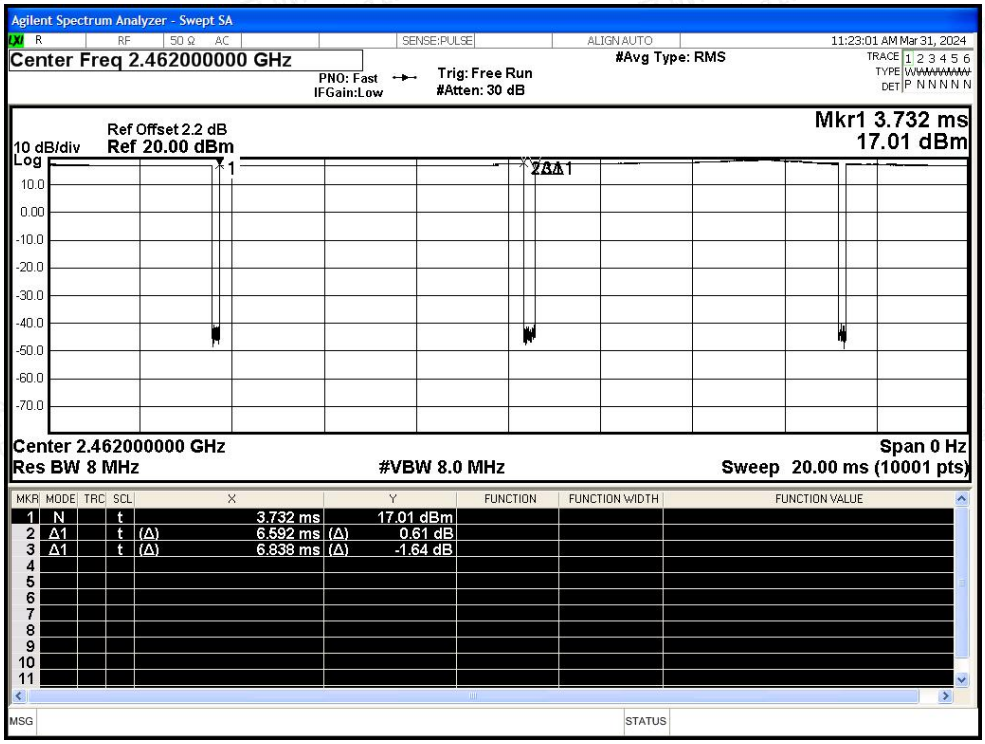
Duty Cycle NVNT b 2412MHz Ant1



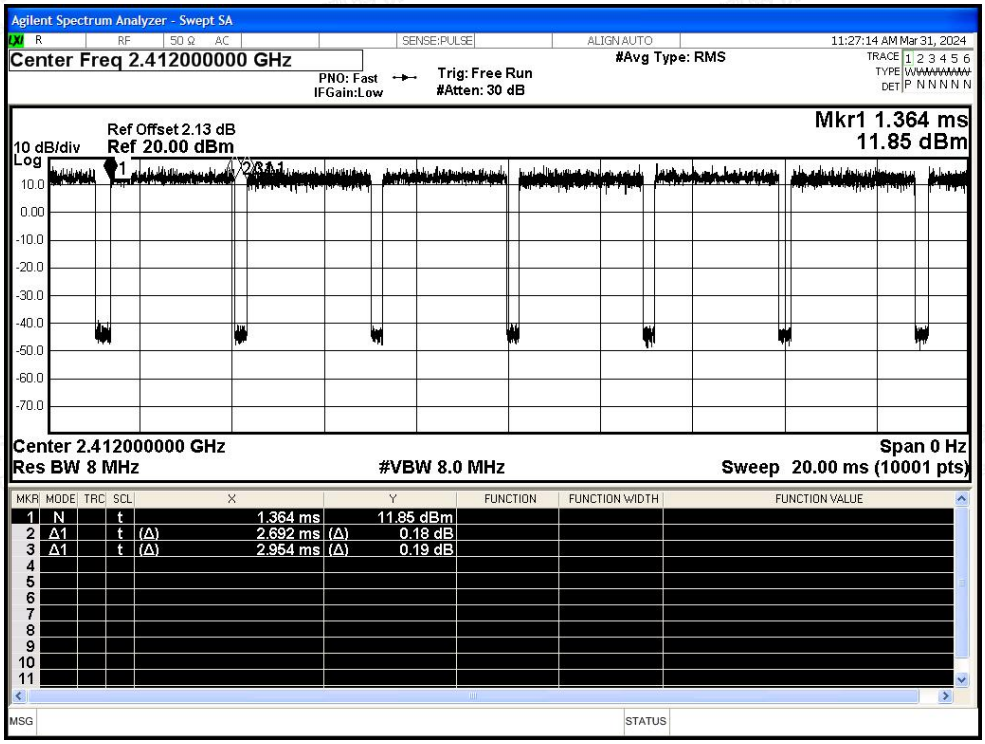
Duty Cycle NVNT b 2437MHz Ant1



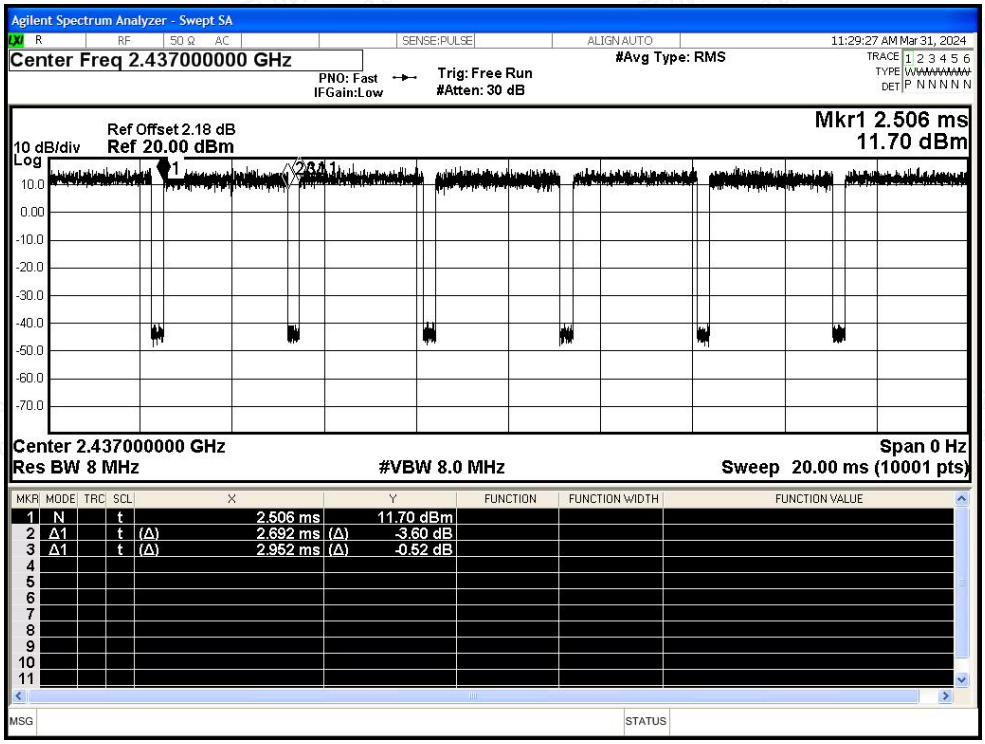
Duty Cycle NVNT b 2462MHz Ant1



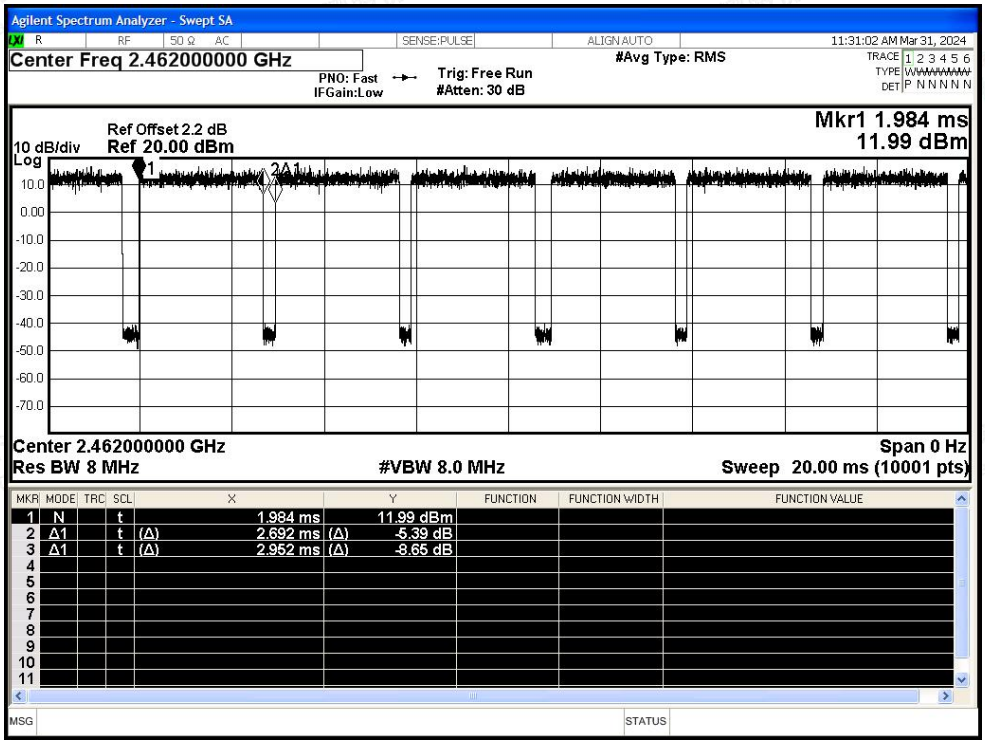
Duty Cycle NVNT g 2412MHz Ant1



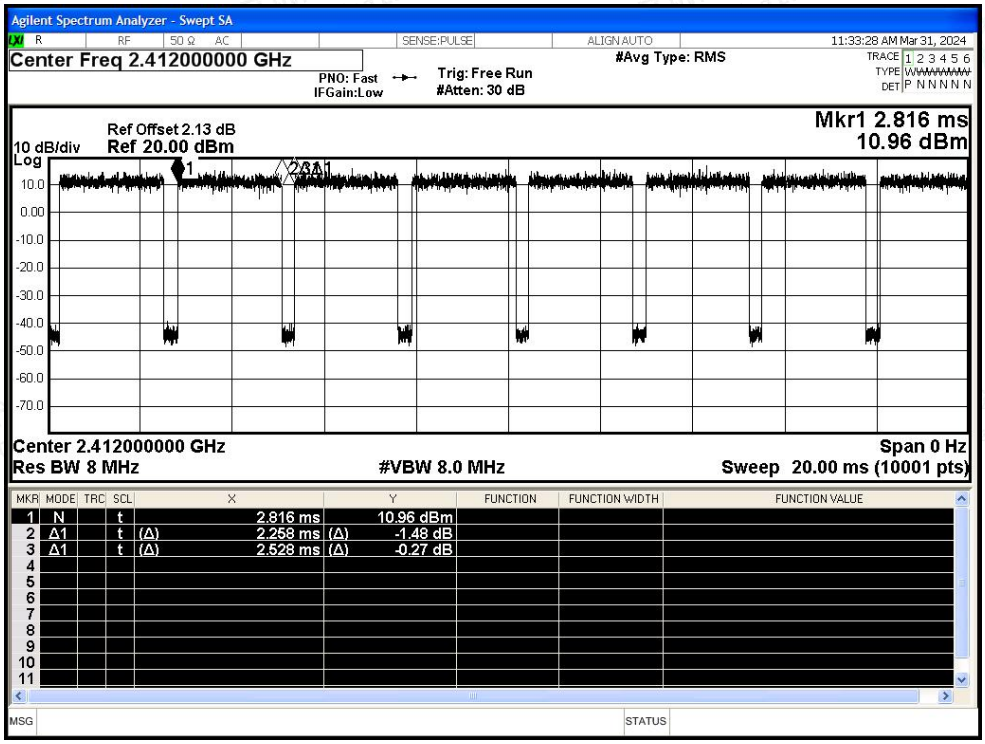
Duty Cycle NVNT g 2437MHz Ant1



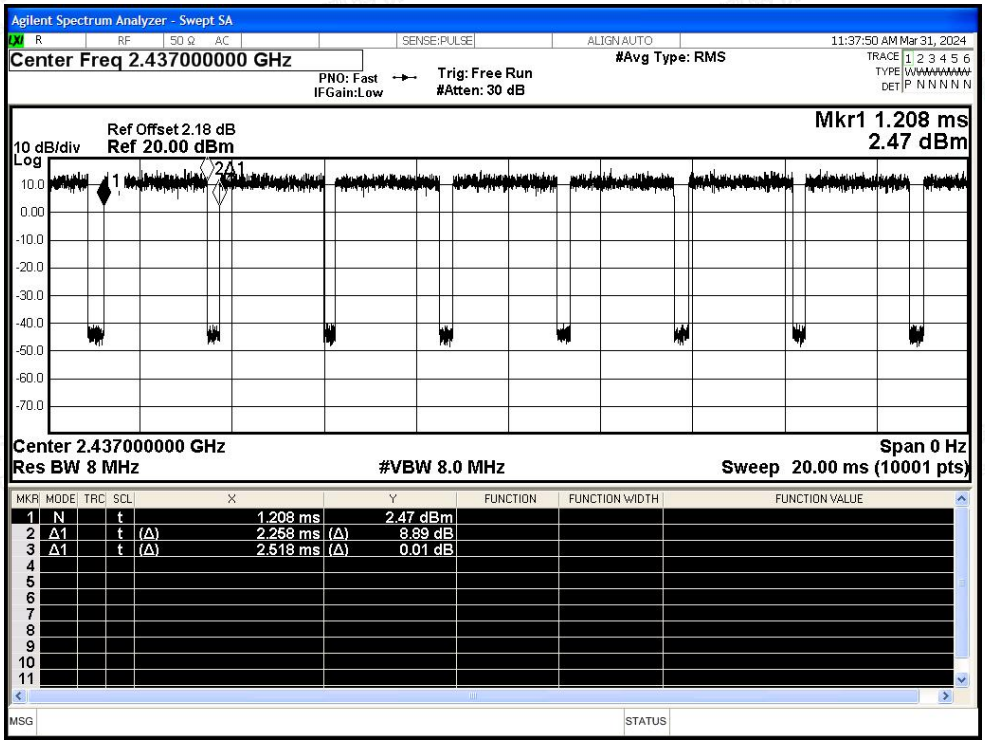
Duty Cycle NVNT g 2462MHz Ant1



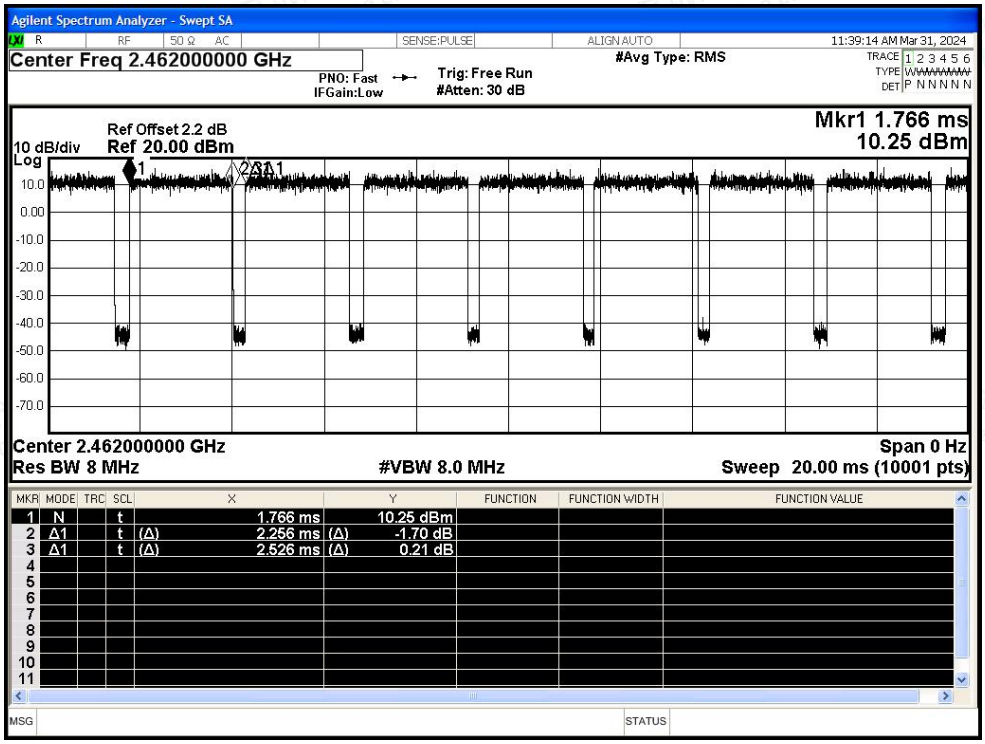
Duty Cycle NVNT n20 2412MHz Ant1



Duty Cycle NVNT n20 2437MHz Ant1



Duty Cycle NVNT n20 2462MHz Ant1

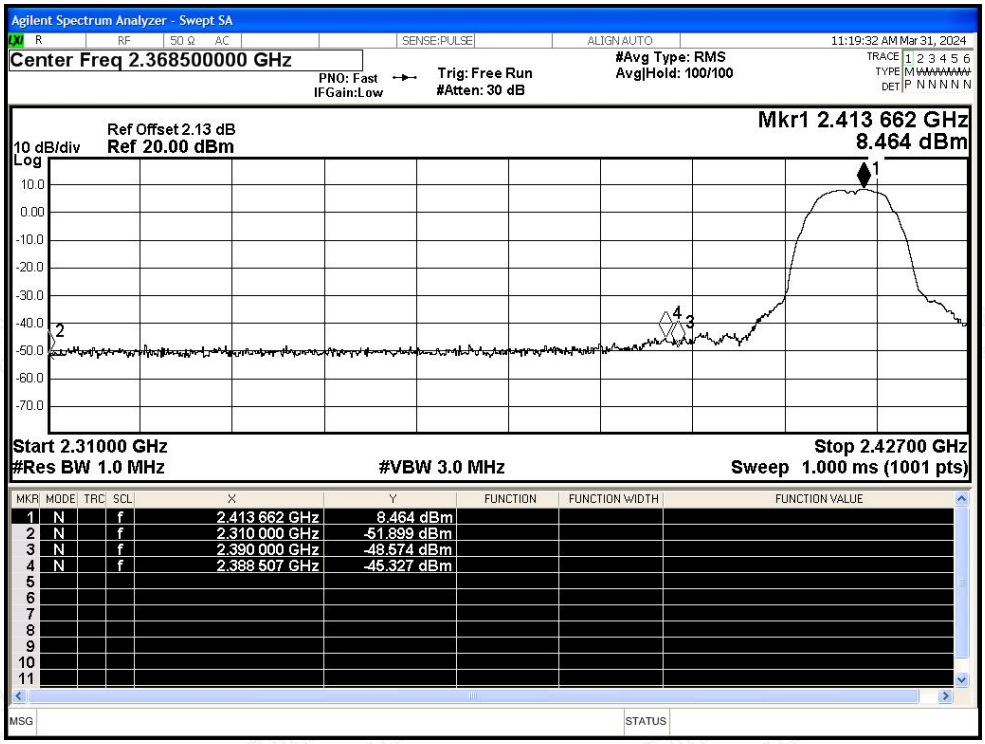


A.7 Restrict Band

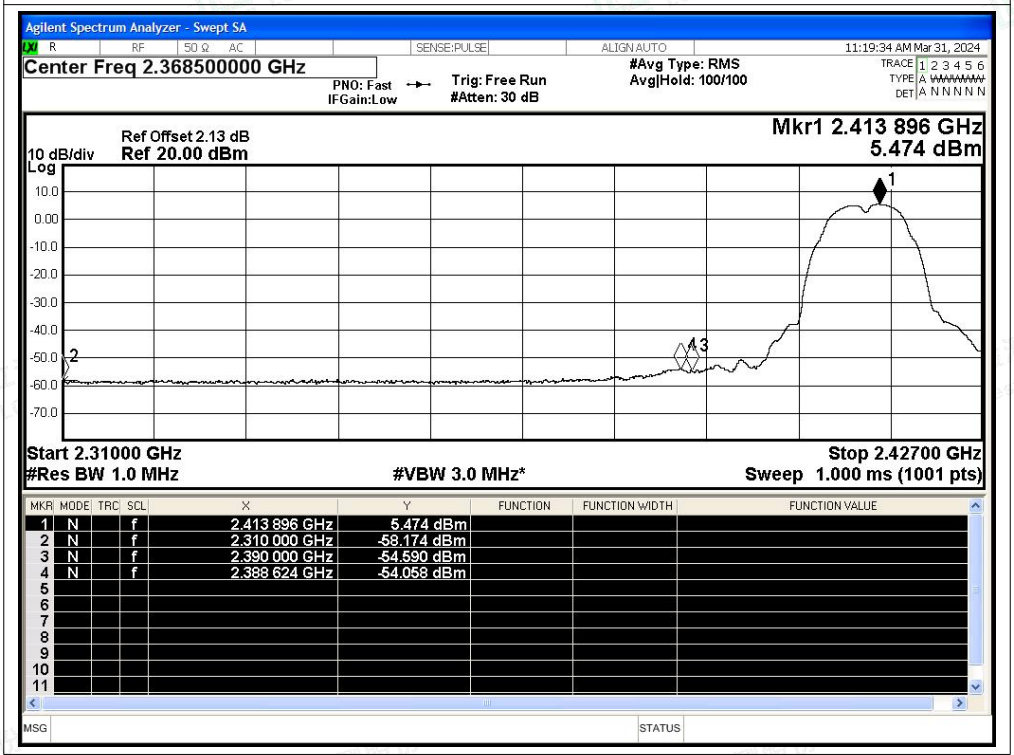
Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	b	2412	Ant1	2310	-51.9	2.16	-	45.52	Peak	74	Pass
NVNT	b	2412	Ant1	2310	-58.17	2.16	0.15	39.40	Average	54	Pass
NVNT	b	2412	Ant1	2388.507	-45.33	2.16	-	52.09	Peak	74	Pass
NVNT	b	2412	Ant1	2388.624	-54.06	2.16	0.15	43.51	Average	54	Pass
NVNT	b	2412	Ant1	2390	-48.57	2.16	-	48.85	Peak	74	Pass
NVNT	b	2412	Ant1	2390	-54.59	2.16	0.15	42.98	Average	54	Pass
NVNT	b	2462	Ant1	2483.5	-46.3	2.16	-	51.12	Peak	74	Pass
NVNT	b	2462	Ant1	2483.5	-52.54	2.16	0.16	45.04	Average	54	Pass
NVNT	b	2462	Ant1	2483.676	-44.68	2.16	-	52.74	Peak	74	Pass
NVNT	b	2462	Ant1	2483.517	-52.54	2.16	0.16	45.04	Average	54	Pass
NVNT	b	2462	Ant1	2500	-47.83	2.16	-	49.59	Peak	74	Pass
NVNT	b	2462	Ant1	2500	-56.46	2.16	0.16	41.12	Average	54	Pass
NVNT	g	2412	Ant1	2310	-51.83	2.16	-	45.59	Peak	74	Pass
NVNT	g	2412	Ant1	2310	-58.92	2.16	0.4	38.90	Average	54	Pass
NVNT	g	2412	Ant1	2389.56	-38.53	2.16	-	58.89	Peak	74	Pass
NVNT	g	2412	Ant1	2389.092	-53.09	2.16	0.4	44.73	Average	54	Pass
NVNT	g	2412	Ant1	2390	-39.99	2.16	-	57.43	Peak	74	Pass
NVNT	g	2412	Ant1	2390	-54.75	2.16	0.4	43.07	Average	54	Pass
NVNT	g	2462	Ant1	2483.5	-39.73	2.16	-	57.69	Peak	74	Pass
NVNT	g	2462	Ant1	2483.5	-52.16	2.16	0.4	45.66	Average	54	Pass
NVNT	g	2462	Ant1	2485.319	-35.08	2.16	-	62.34	Peak	74	Pass
NVNT	g	2462	Ant1	2483.623	-51.1	2.16	0.4	46.72	Average	54	Pass
NVNT	g	2462	Ant1	2500	-50.87	2.16	-	46.55	Peak	74	Pass
NVNT	g	2462	Ant1	2500	-57.49	2.16	0.4	40.33	Average	54	Pass
NVNT	n20	2412	Ant1	2310	-50.47	2.16	-	46.95	Peak	74	Pass
NVNT	n20	2412	Ant1	2310	-58.45	2.16	0.49	39.46	Average	54	Pass
NVNT	n20	2412	Ant1	2389.911	-36.98	2.16	-	60.44	Peak	74	Pass
NVNT	n20	2412	Ant1	2389.794	-54.17	2.16	0.49	43.74	Average	54	Pass
NVNT	n20	2412	Ant1	2390	-35.6	2.16	-	61.82	Peak	74	Pass
NVNT	n20	2412	Ant1	2390	-54.62	2.16	0.49	43.29	Average	54	Pass
NVNT	n20	2462	Ant1	2483.5	-37.55	2.16	-	59.87	Peak	74	Pass
NVNT	n20	2462	Ant1	2483.5	-49.57	2.16	0.49	48.34	Average	54	Pass
NVNT	n20	2462	Ant1	2485.266	-34.5	2.16	-	62.92	Peak	74	Pass
NVNT	n20	2462	Ant1	2483.517	-49.57	2.16	0.49	48.34	Average	54	Pass
NVNT	n20	2462	Ant1	2500	-50.45	2.16	-	46.97	Peak	74	Pass
NVNT	n20	2462	Ant1	2500	-56.86	2.16	0.49	41.05	Average	54	Pass

Test Graphs

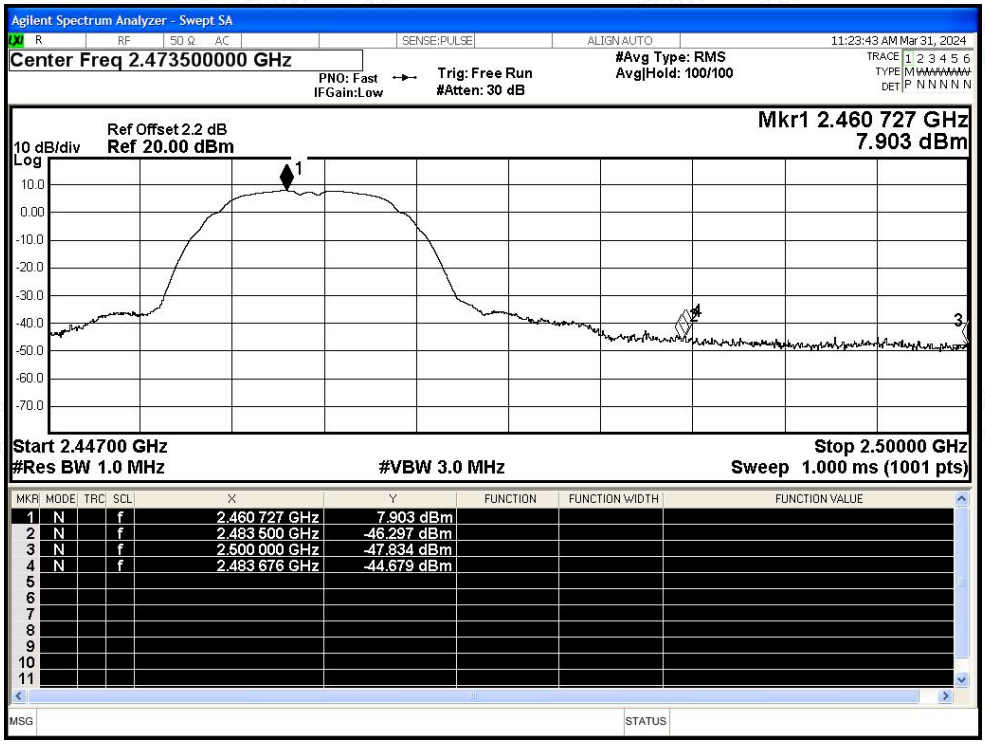
Restrict Band NVNT b 2412MHz Ant1 Peak



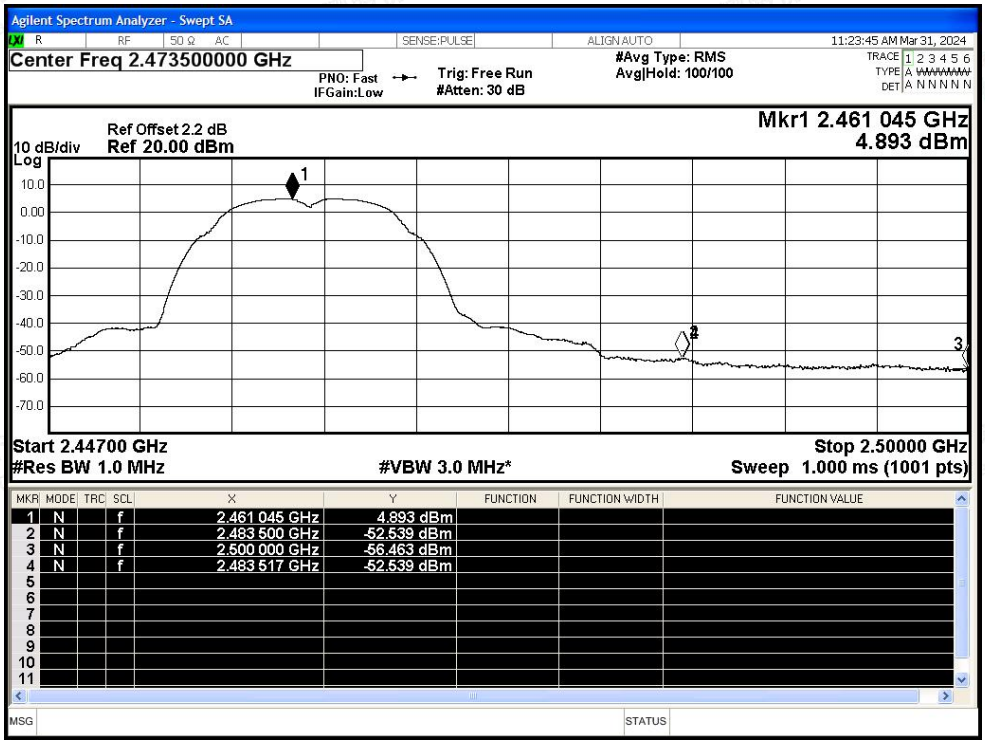
Restrict Band NVNT b 2412MHz Ant1 Average



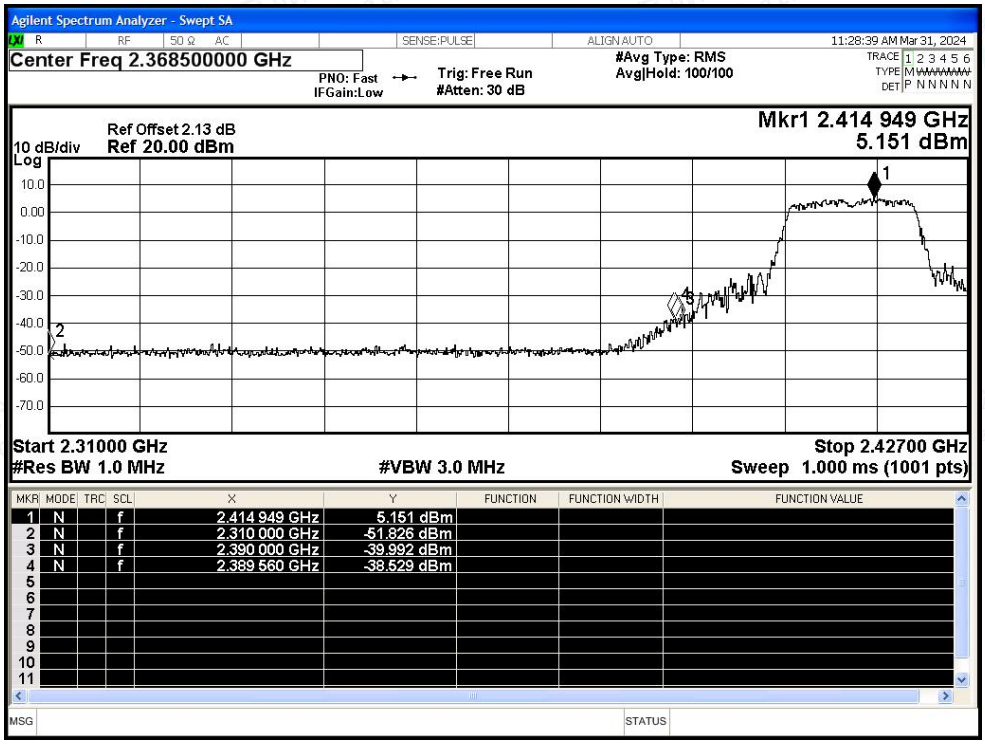
Restrict Band NVNT b 2462MHz Ant1 Peak



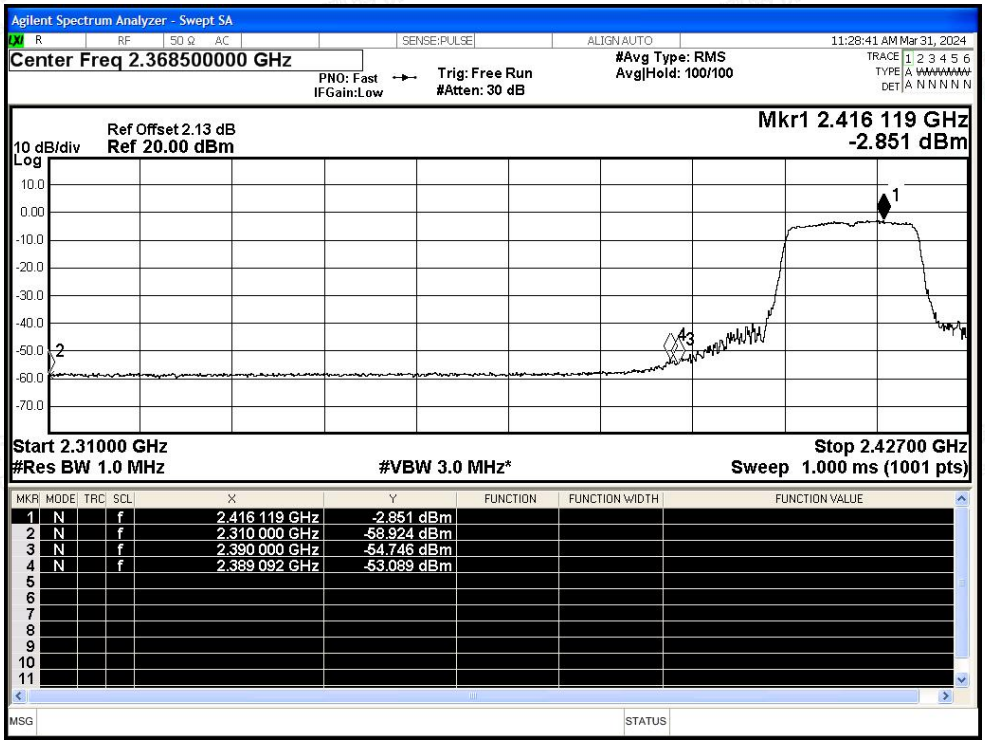
Restrict Band NVNT b 2462MHz Ant1 Average



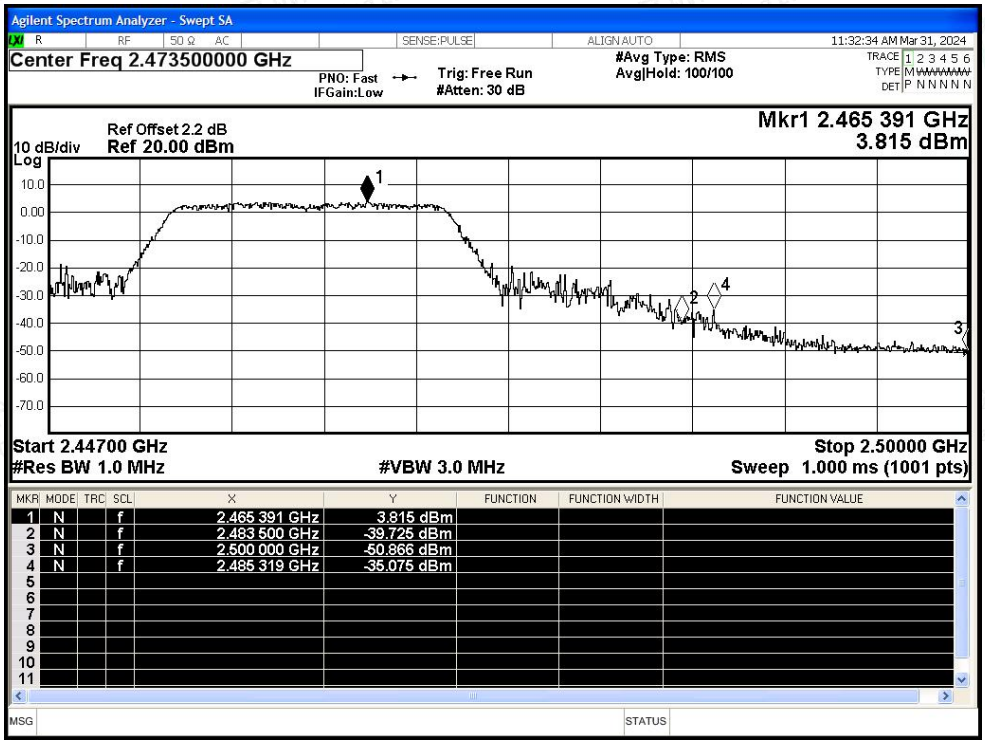
Restrict Band NVNT g 2412MHz Ant1 Peak



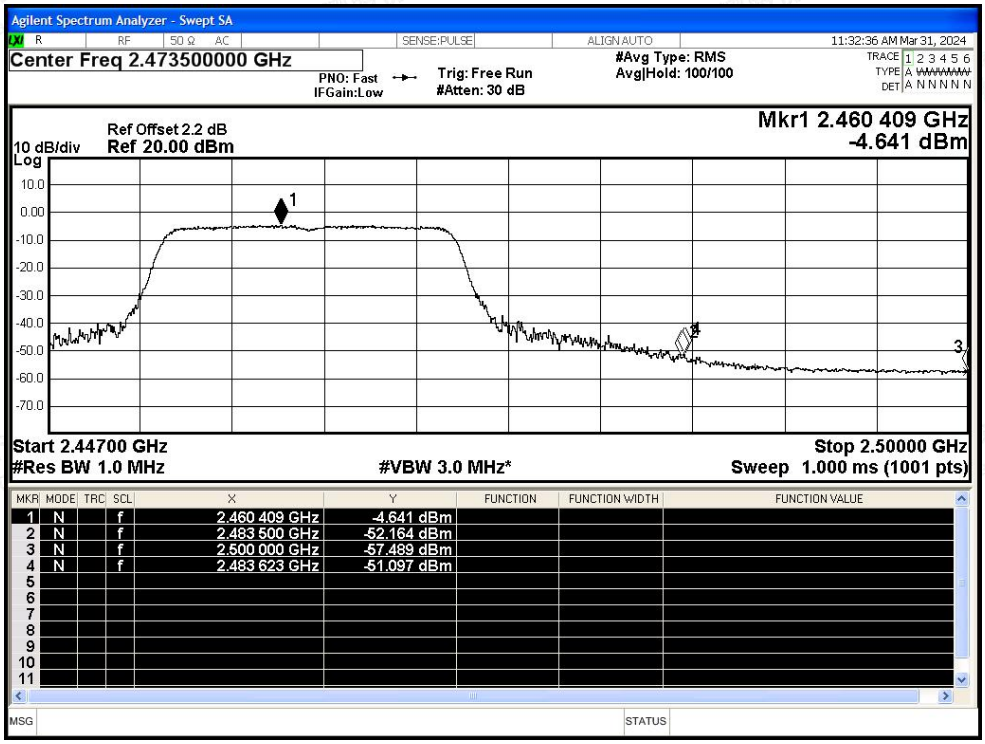
Restrict Band NVNT g 2412MHz Ant1 Average



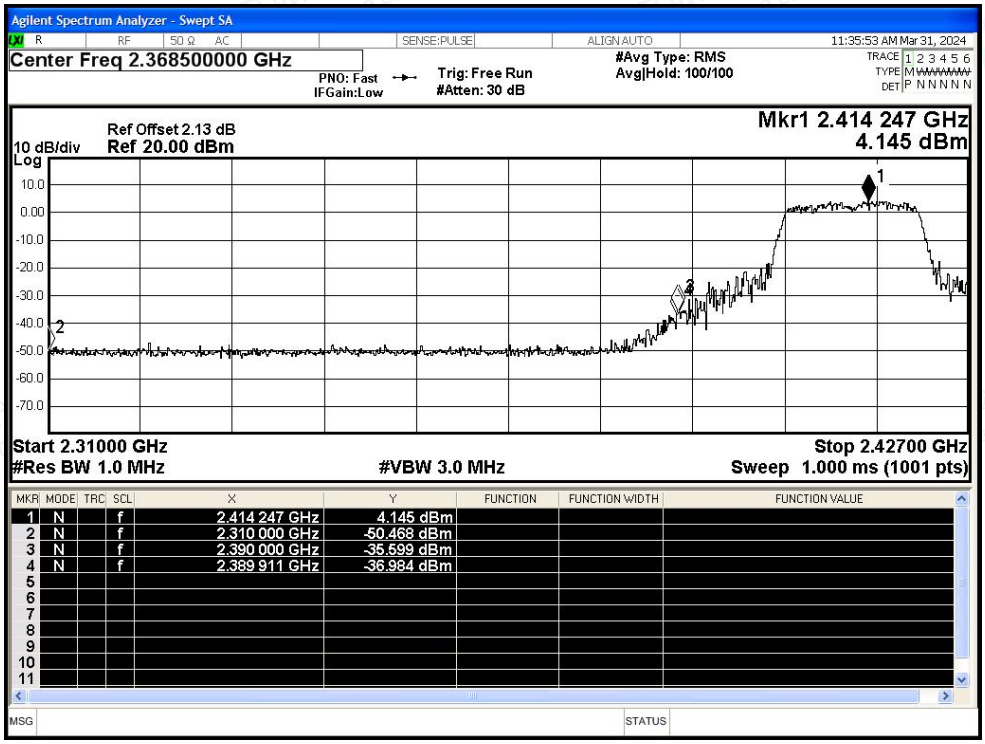
Restrict Band NVNT g 2462MHz Ant1 Peak



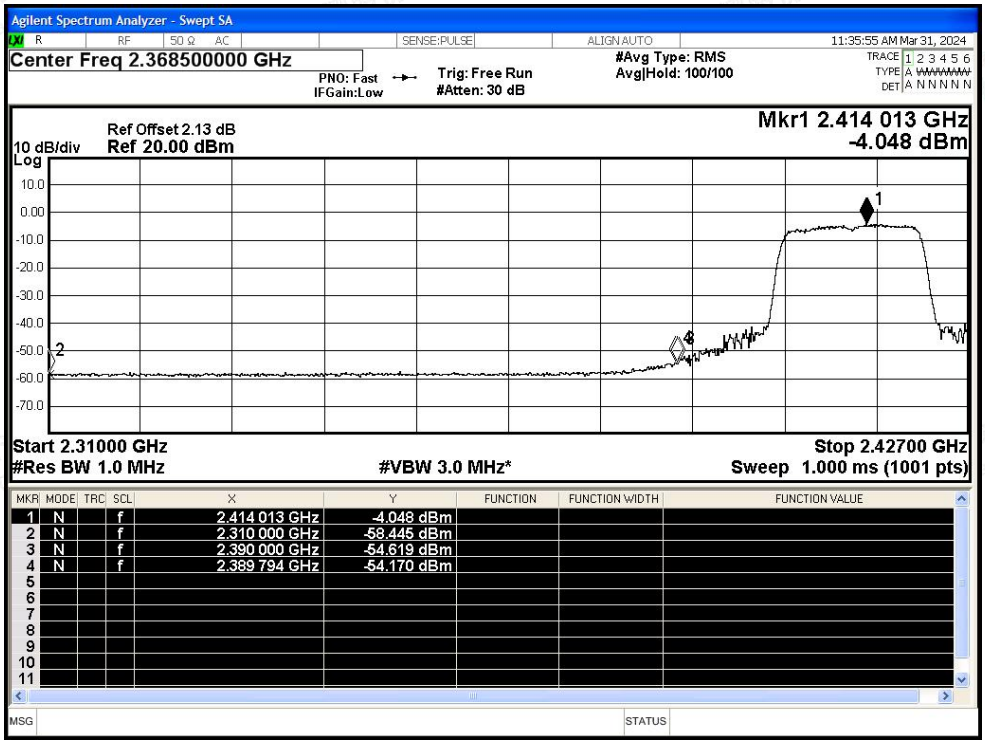
Restrict Band NVNT g 2462MHz Ant1 Average



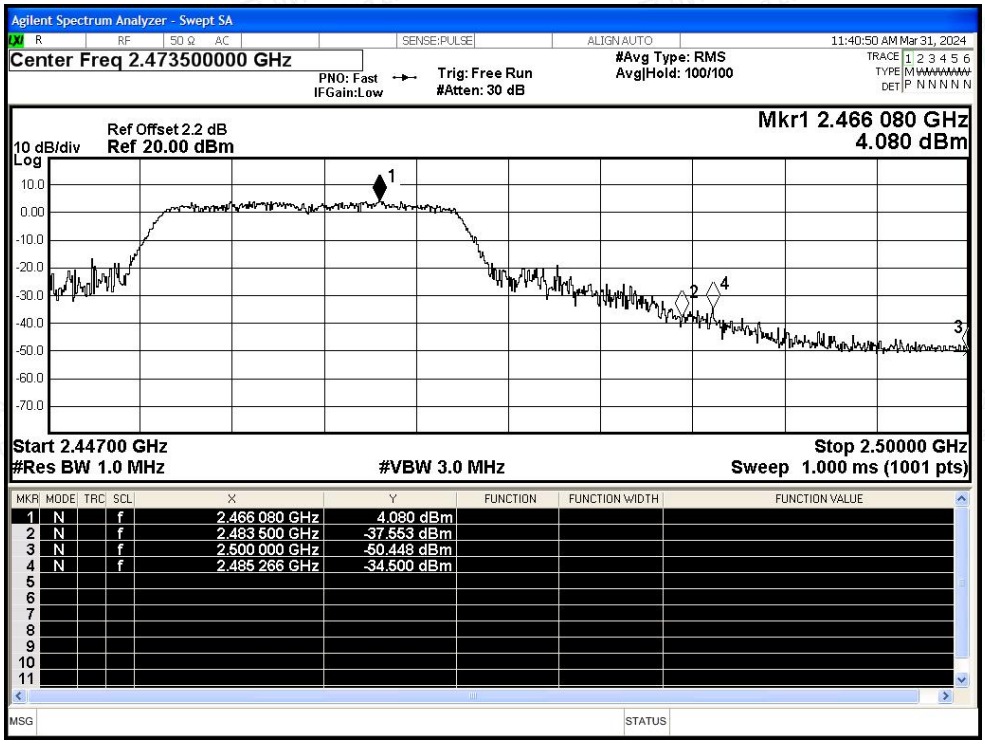
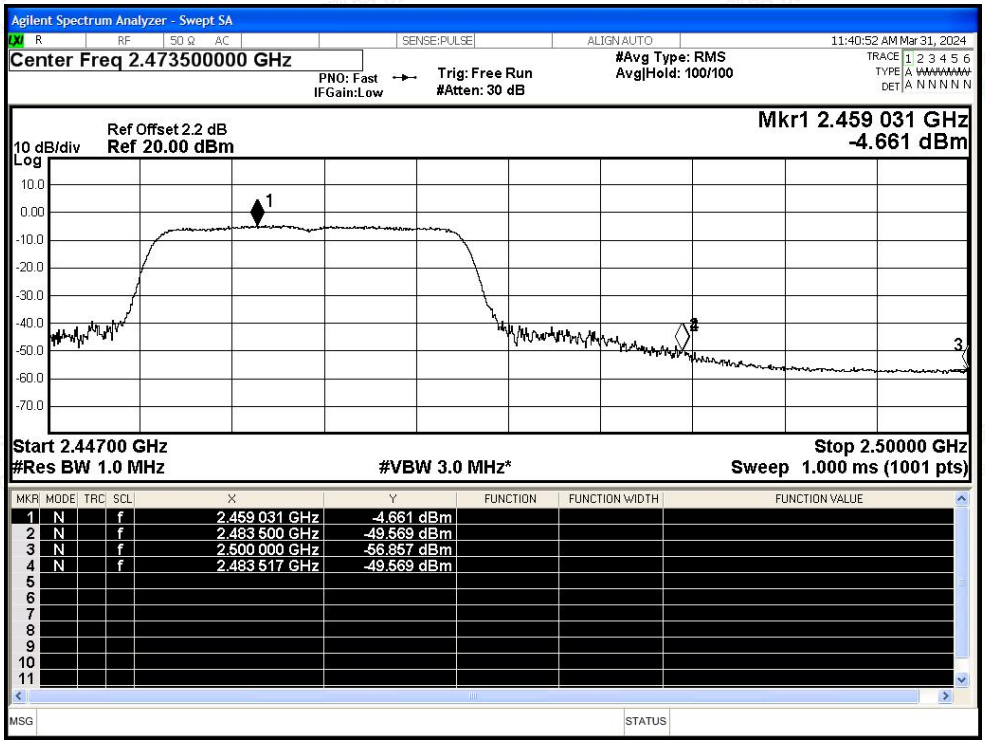
Restrict Band NVNT n20 2412MHz Ant1 Peak



Restrict Band NVNT n20 2412MHz Ant1 Average



Restrict Band NVNT n20 2462MHz Ant1 Peak



Restrict Band NVNT n20 2462MHz Ant1 Average