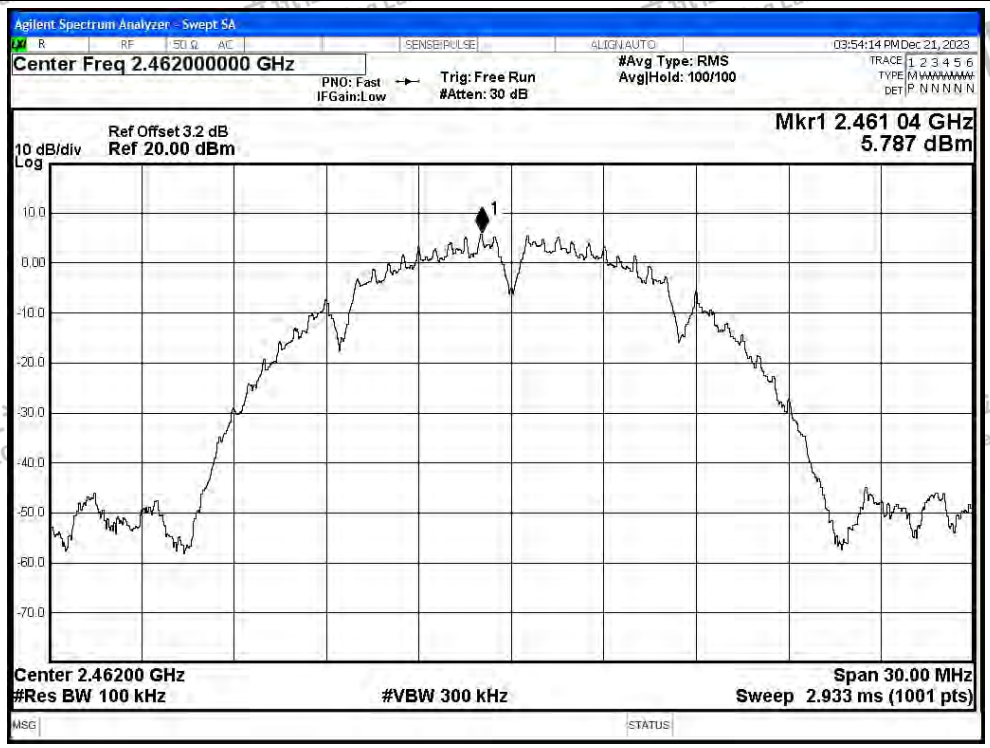
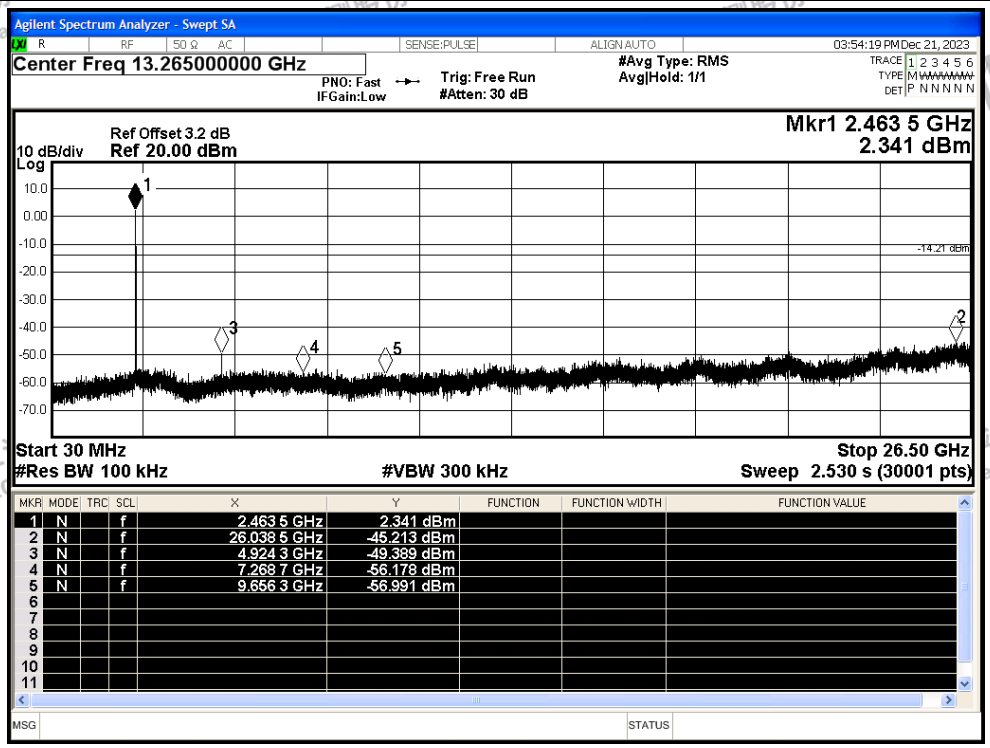
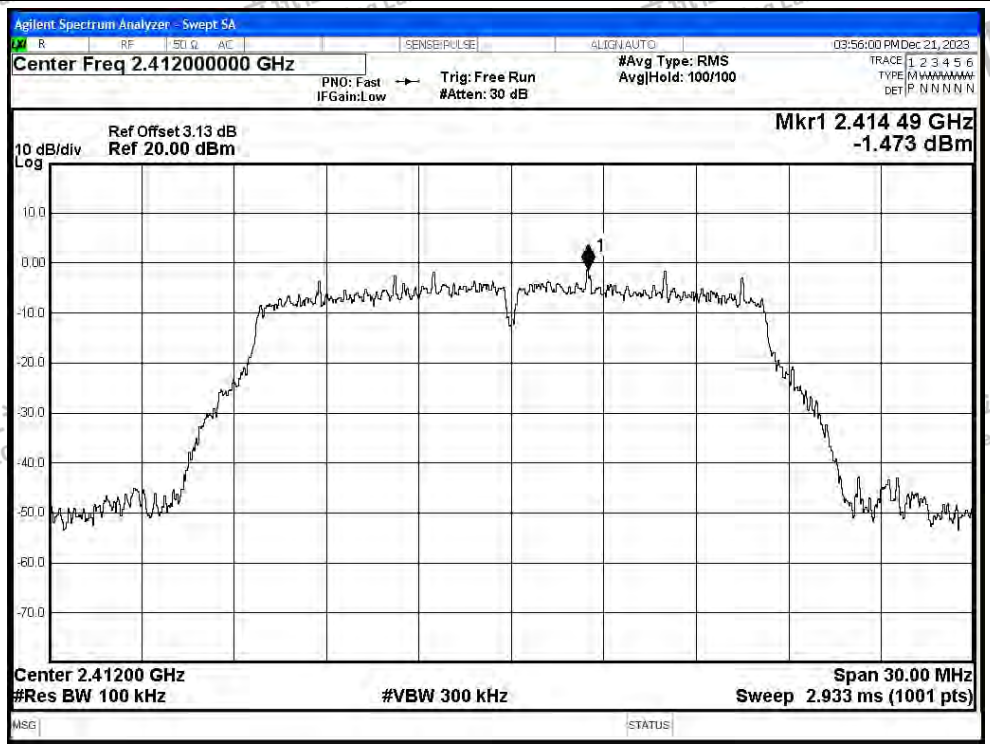
Tx. Spurious NVNT b 2462MHz Ant0 Ref



Tx. Spurious NVNT b 2462MHz Ant0 Emission



Tx. Spurious NVNT g 2412MHz Ant0 Ref



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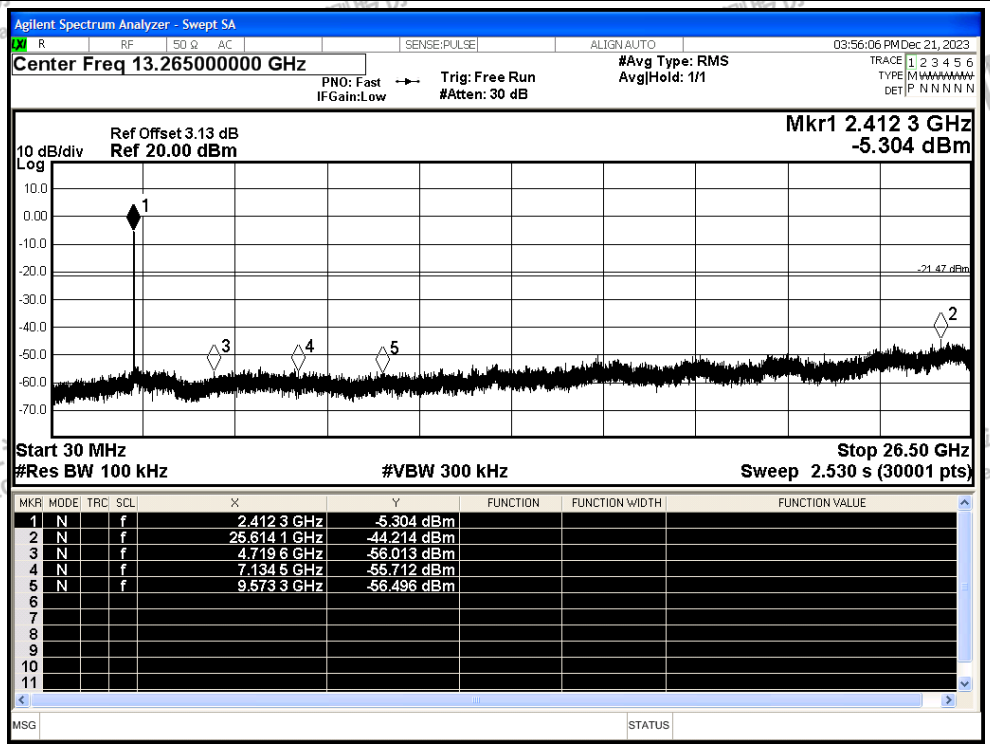

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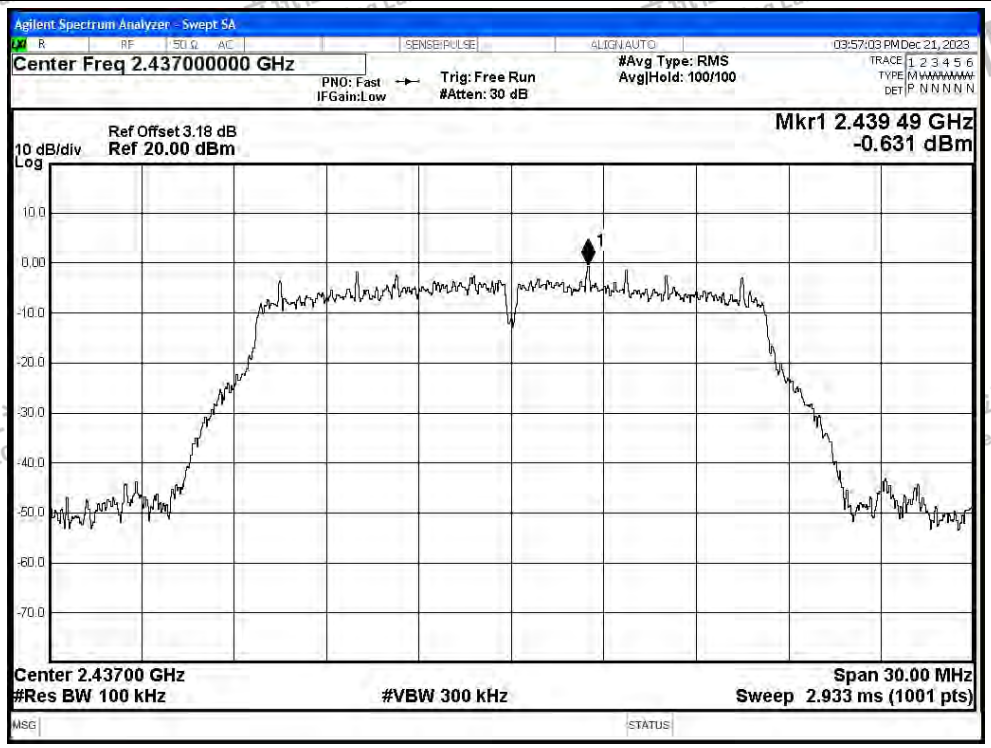

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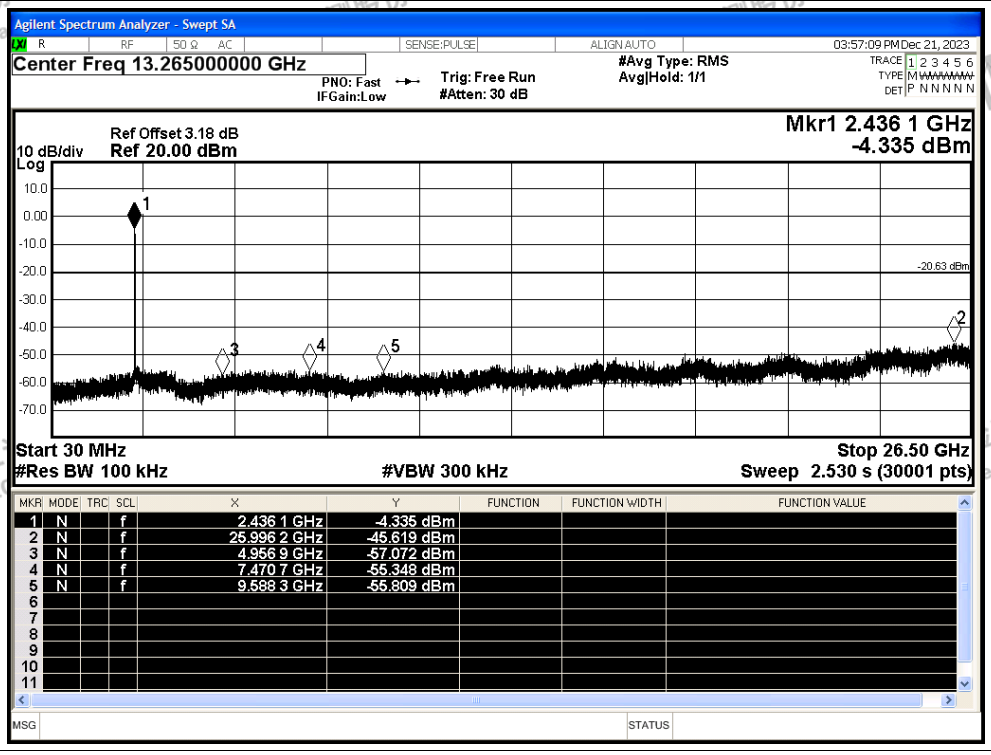

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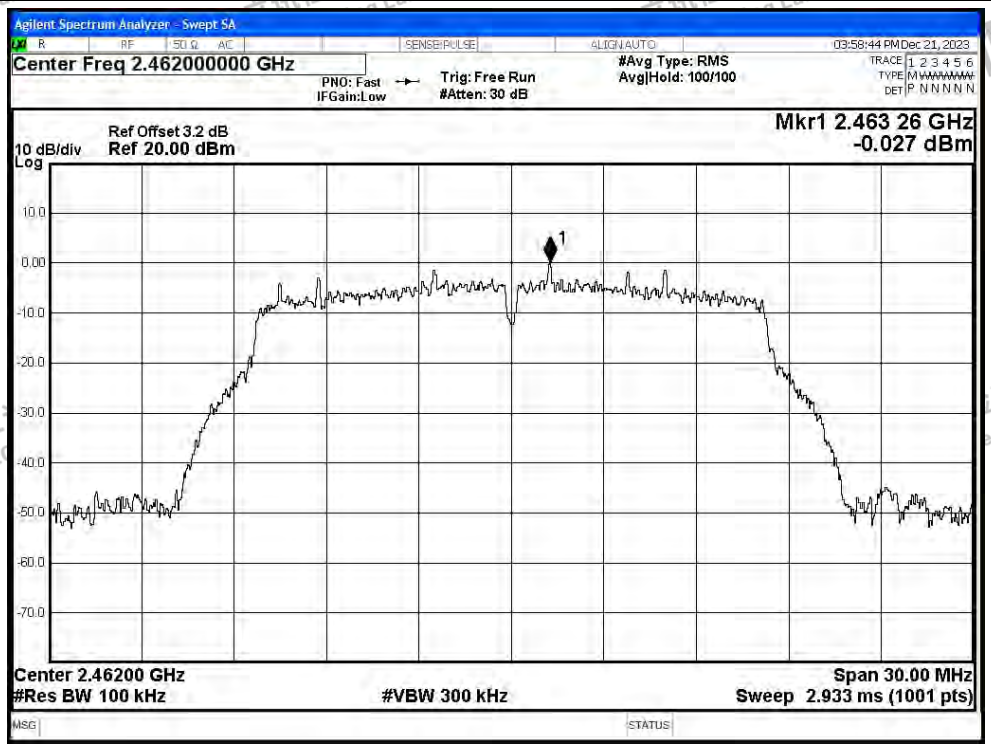

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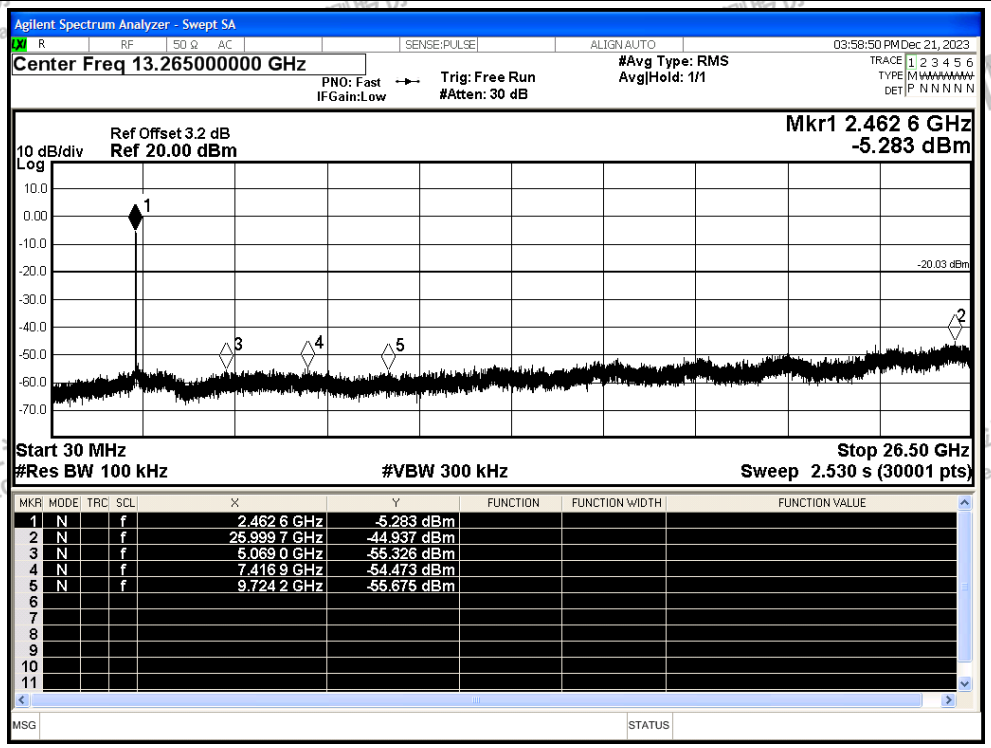

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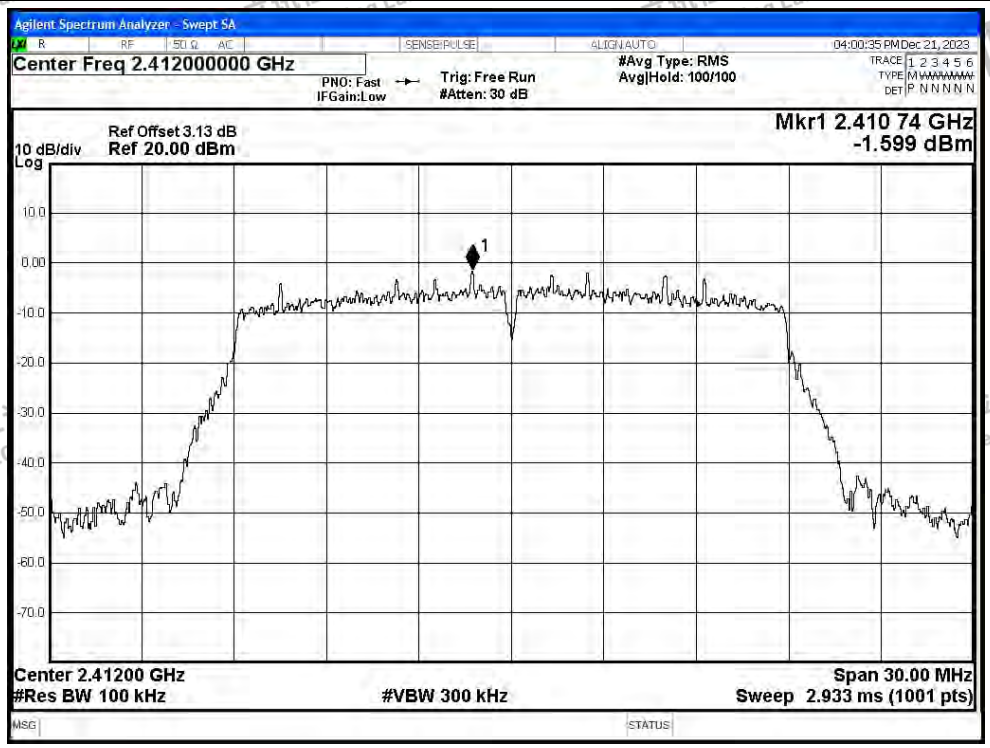

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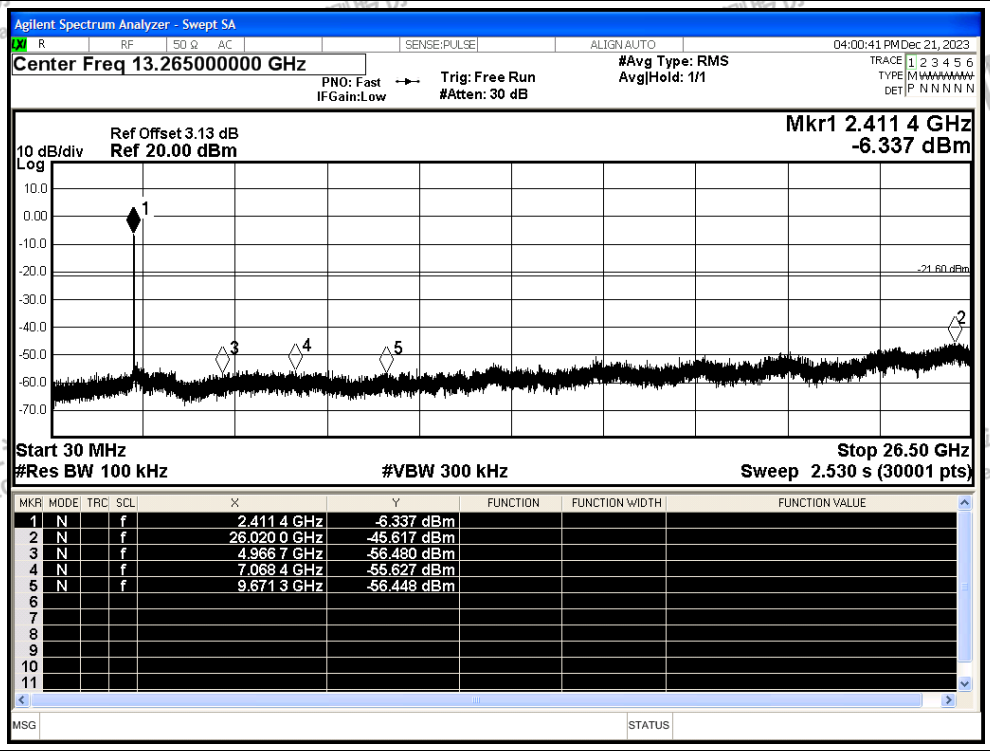

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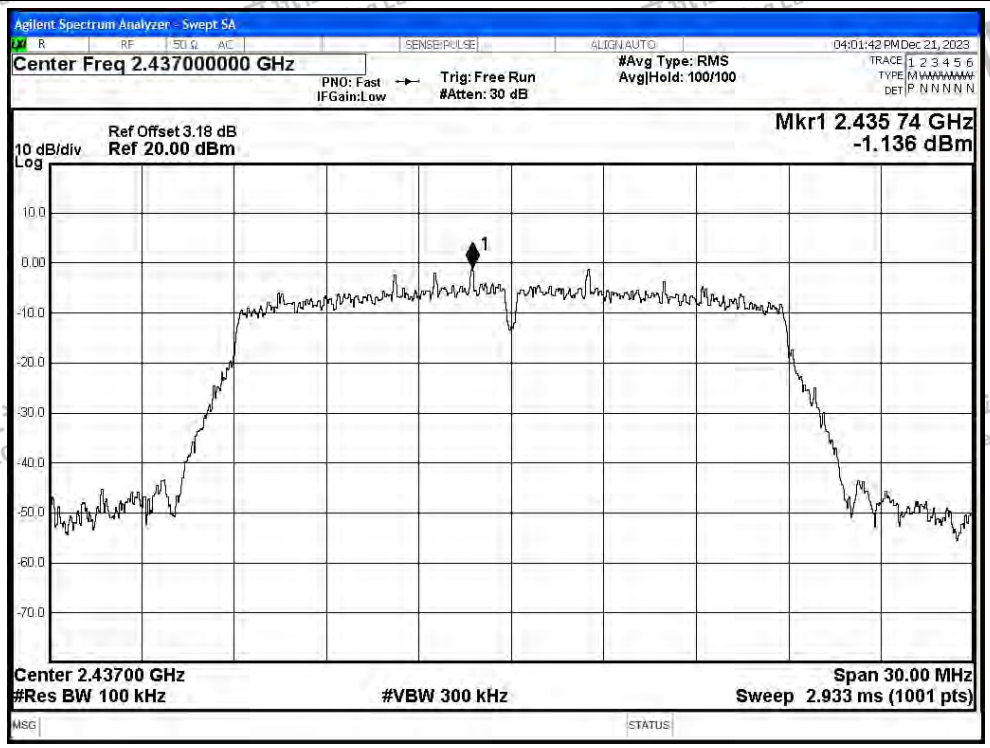

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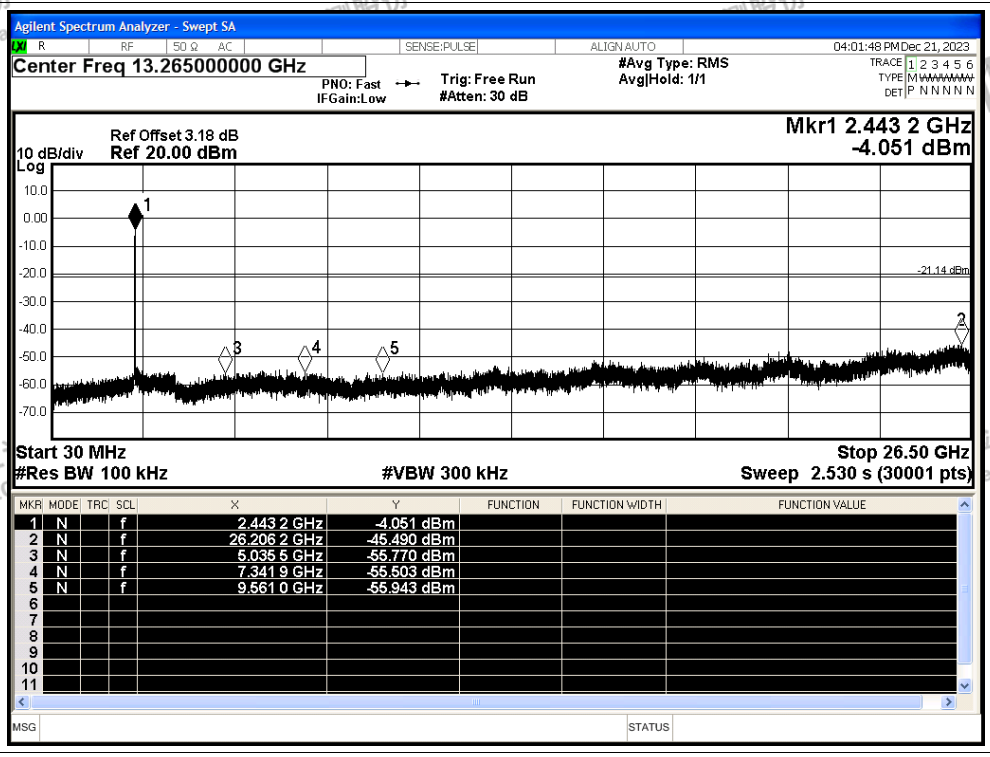
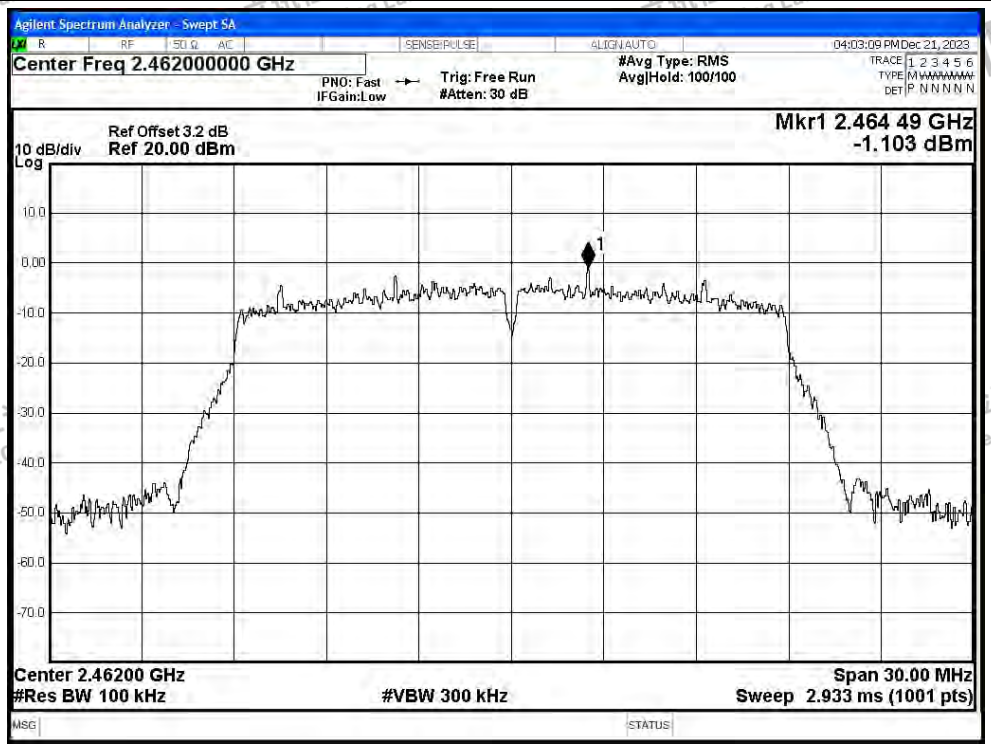
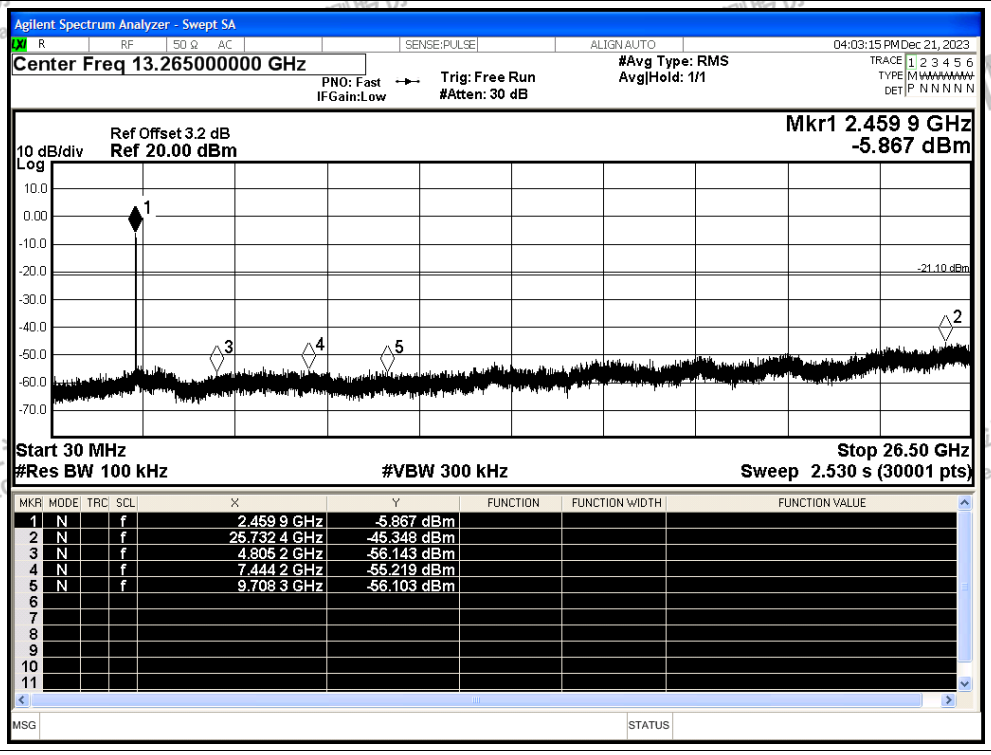


Tx. Spurious NVNT n20 2462MHz Ant0 Ref

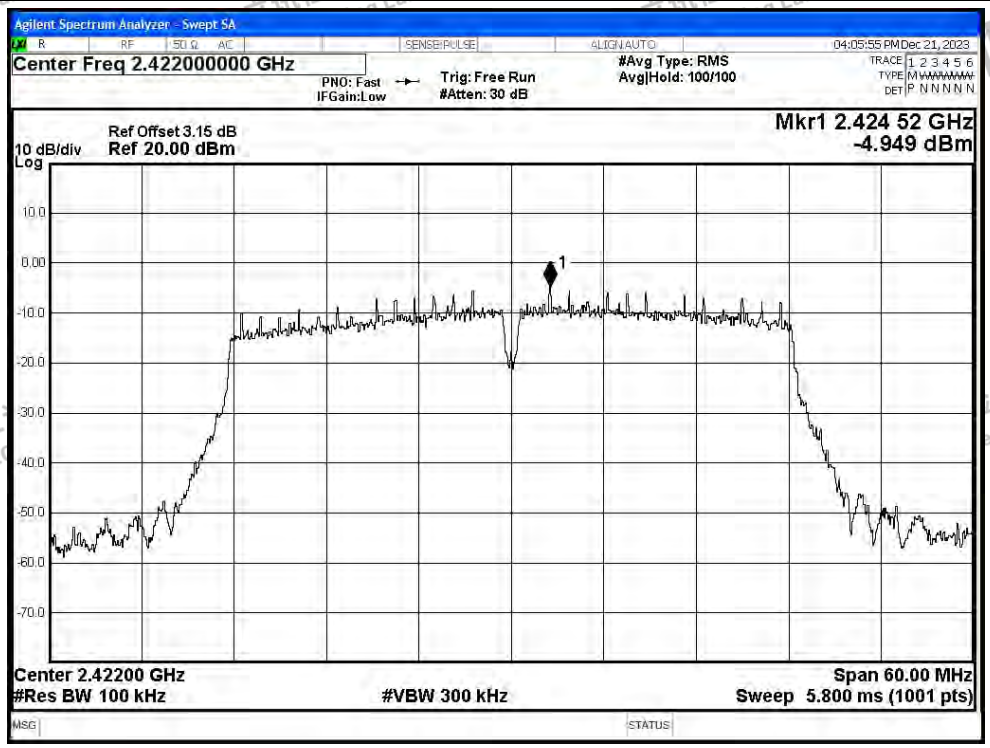


Tx. Spurious NVNT n20 2462MHz Ant0 Emission

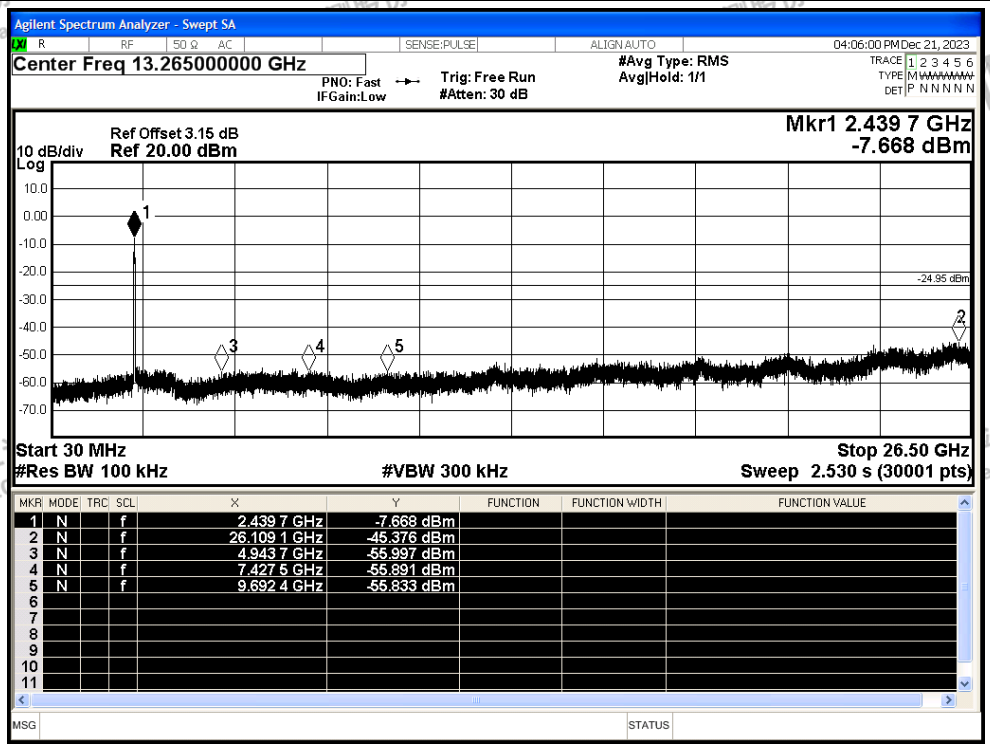


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.459 9 GHz	-5.867 dBm			
2	N		f	25.732 4 GHz	-45.348 dBm			
3	N		f	4.805 2 GHz	-56.143 dBm			
4	N		f	7.444 2 GHz	-55.219 dBm			
5	N		f	9.708 3 GHz	-56.103 dBm			
6								
7								
8								
9								
10								
11								

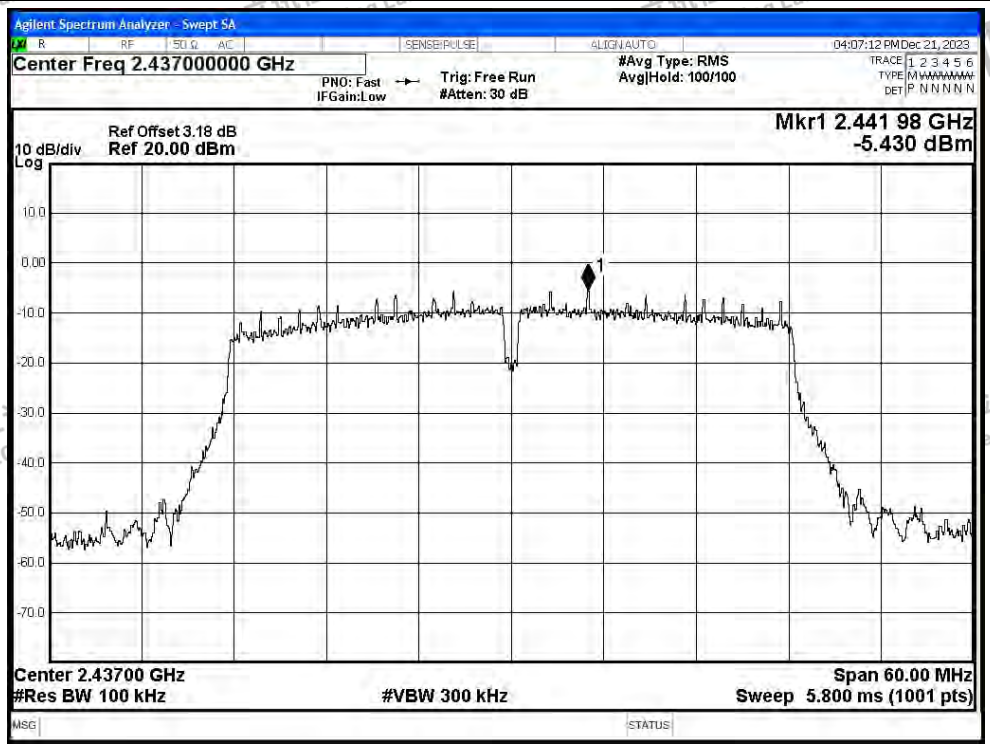
Tx. Spurious NVNT n40 2422MHz Ant0 Ref



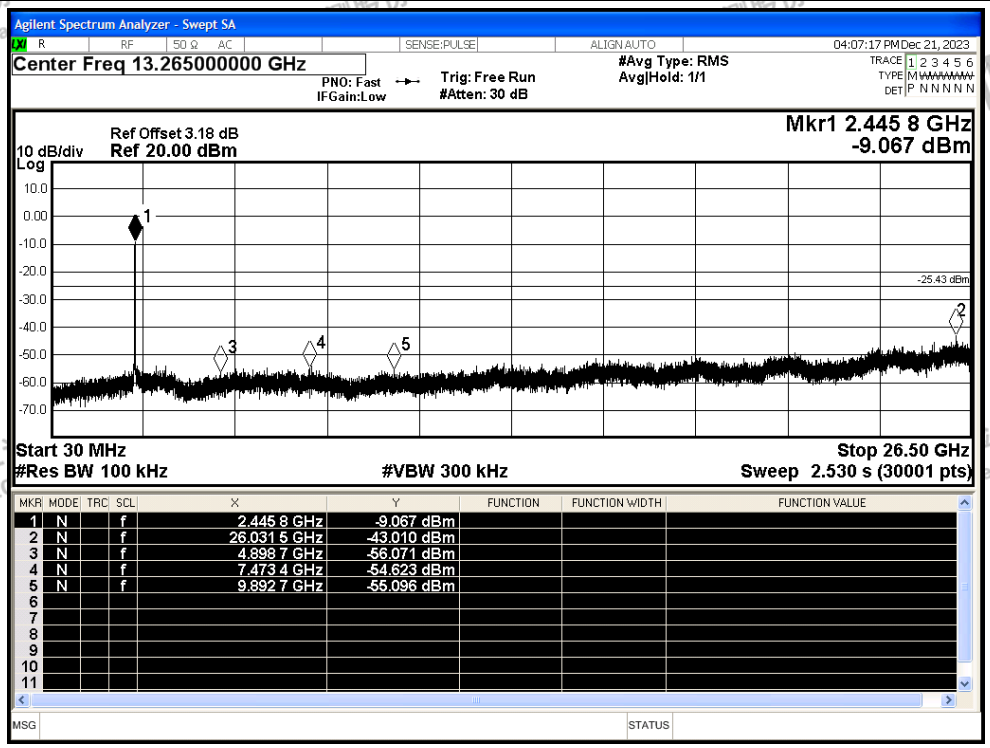
Tx. Spurious NVNT n40 2422MHz Ant0 Emission



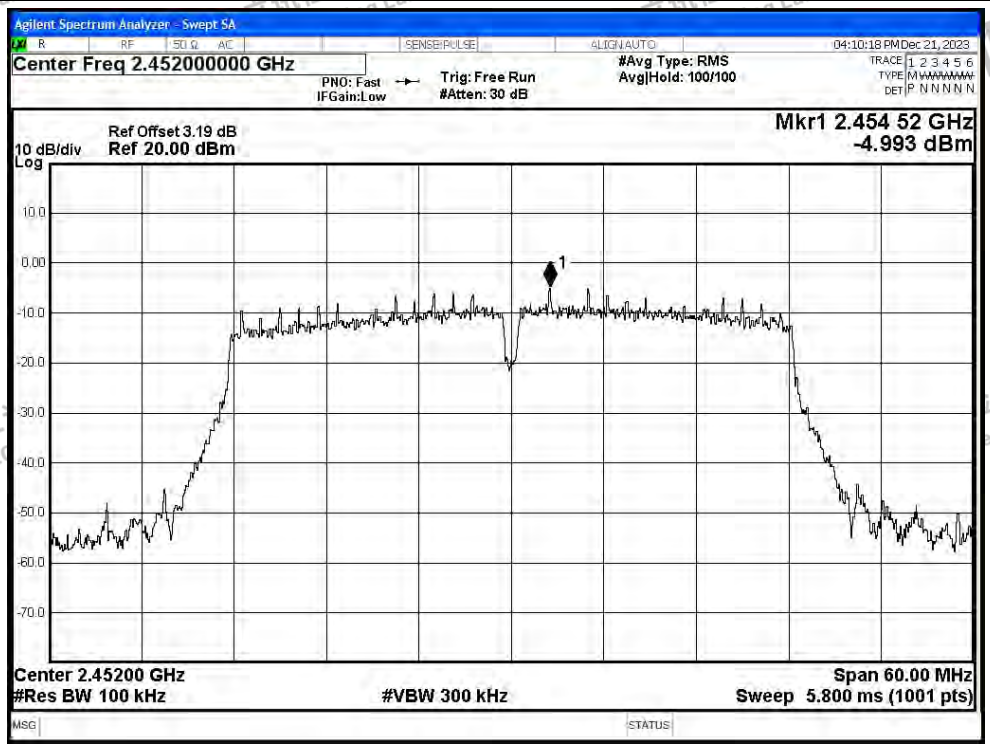
Tx. Spurious NVNT n40 2437MHz Ant0 Ref



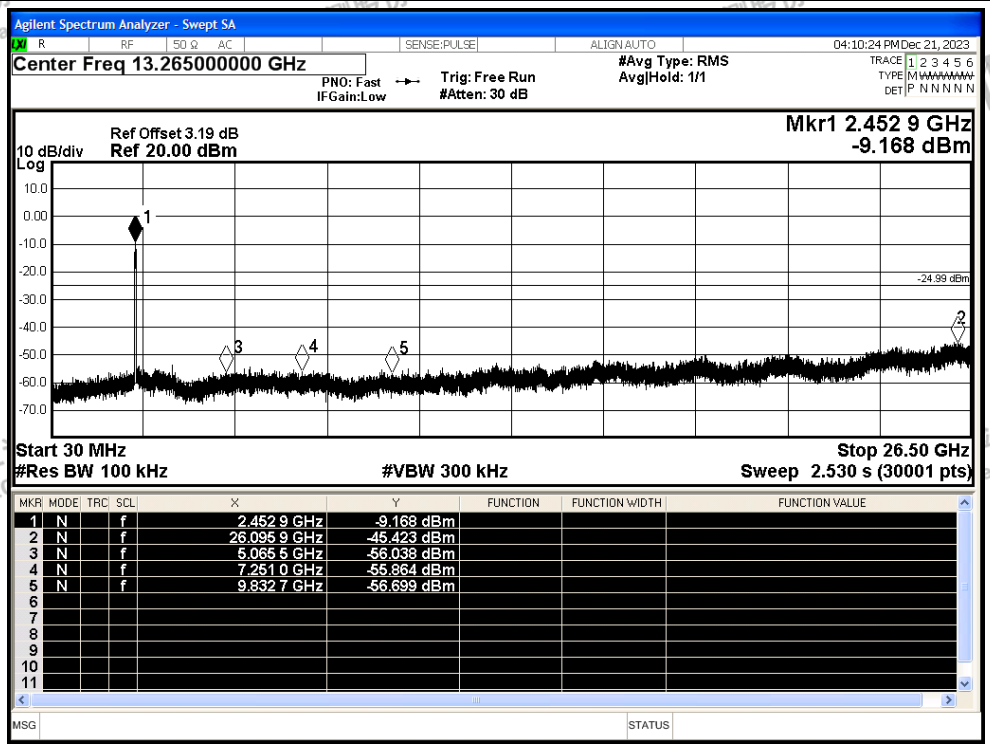
Tx. Spurious NVNT n40 2437MHz Ant0 Emission



Tx. Spurious NVNT n40 2452MHz Ant0 Ref



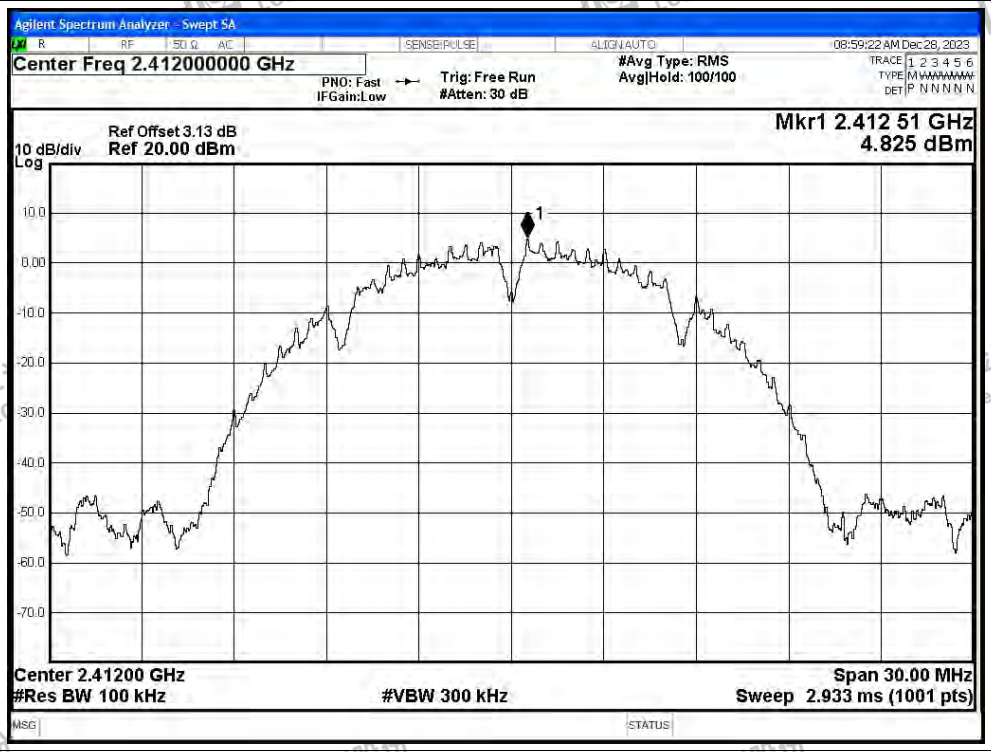
Tx. Spurious NVNT n40 2452MHz Ant0 Emission



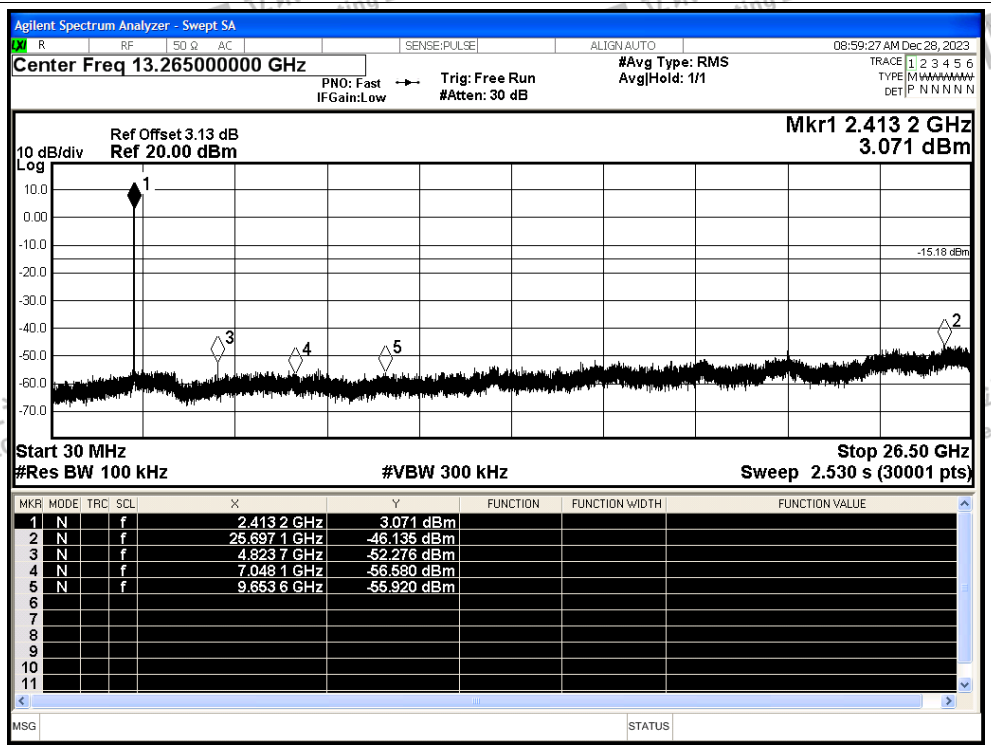
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-50.96	-20	Pass
NVNT	b	2437	Ant1	-48.82	-20	Pass
NVNT	b	2462	Ant1	-50.97	-20	Pass
NVNT	g	2412	Ant1	-45.85	-20	Pass
NVNT	g	2437	Ant1	-47.11	-20	Pass
NVNT	g	2462	Ant1	-45.62	-20	Pass
NVNT	n20	2412	Ant1	-44.54	-20	Pass
NVNT	n20	2437	Ant1	-42.81	-20	Pass
NVNT	n20	2462	Ant1	-44.94	-20	Pass
NVNT	n40	2422	Ant1	-41.61	-20	Pass
NVNT	n40	2437	Ant1	-41.33	-20	Pass
NVNT	n40	2452	Ant1	-41.49	-20	Pass

Test Graphs

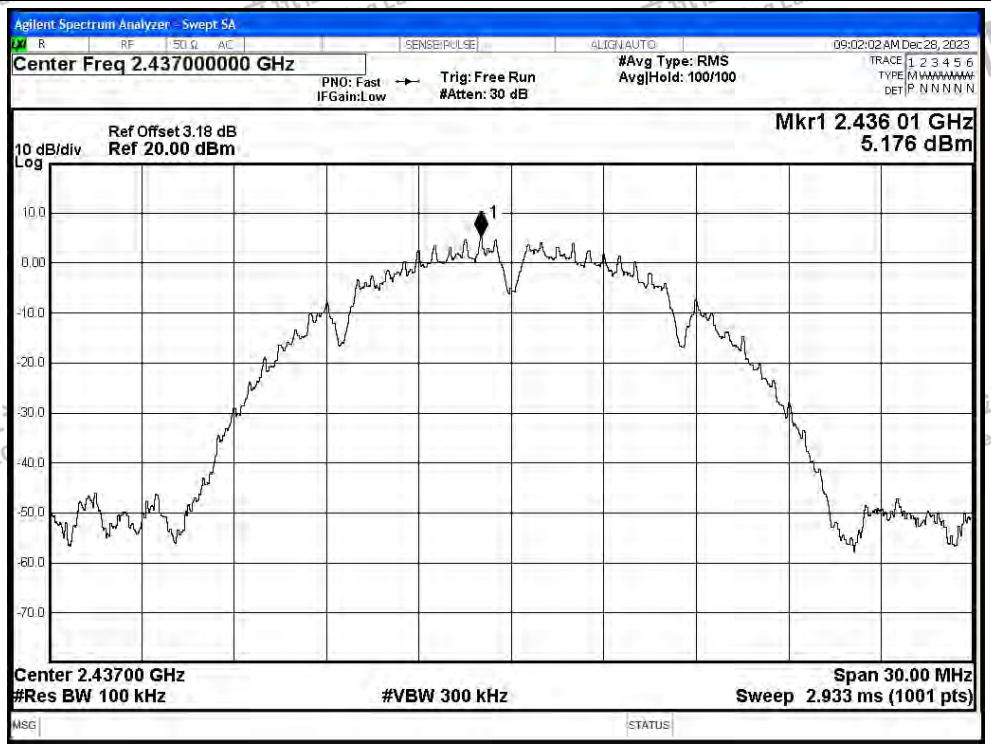
Tx. Spurious NVNT b 2412MHz Ant1 Ref



Tx. Spurious NVNT b 2412MHz Ant1 Emission



Tx. Spurious NVNT b 2437MHz Ant1 Ref



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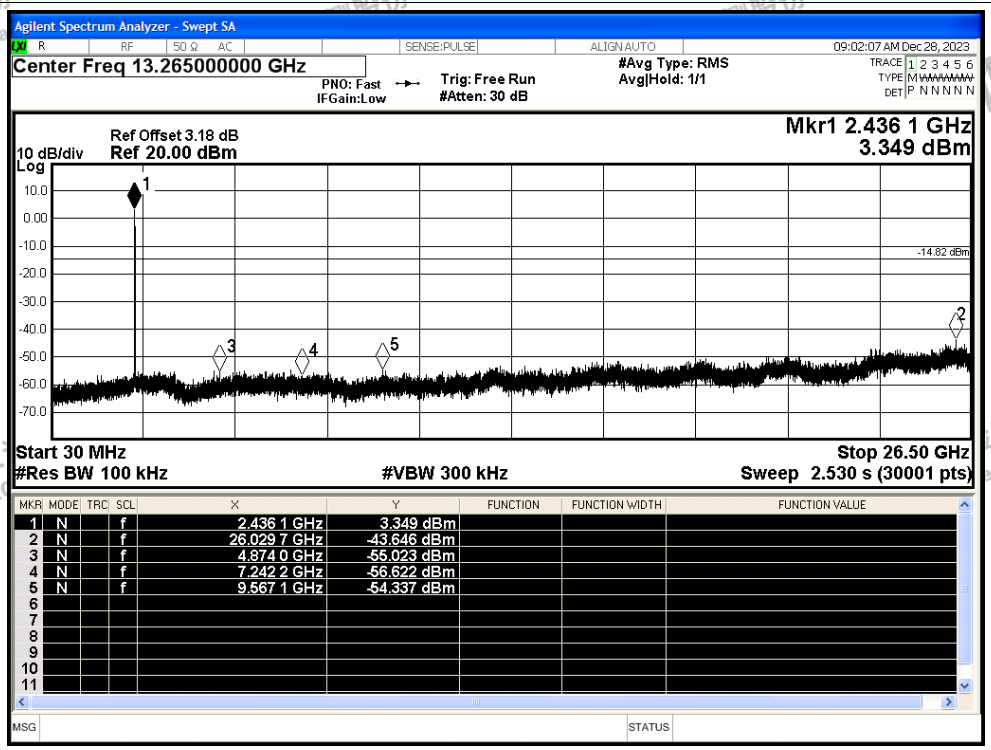
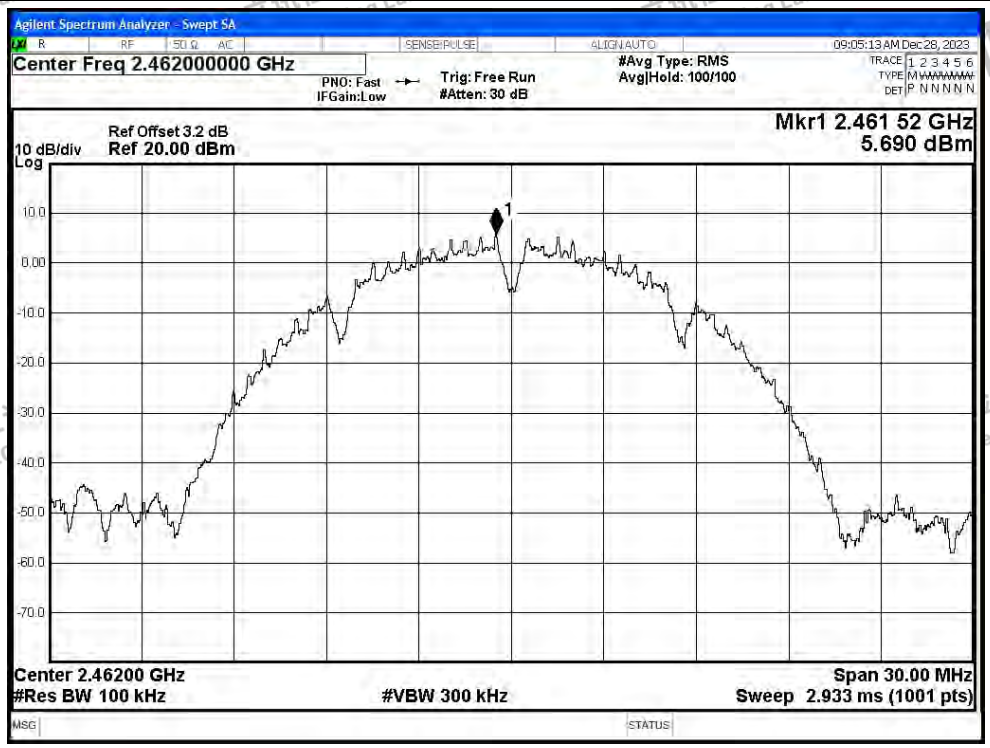
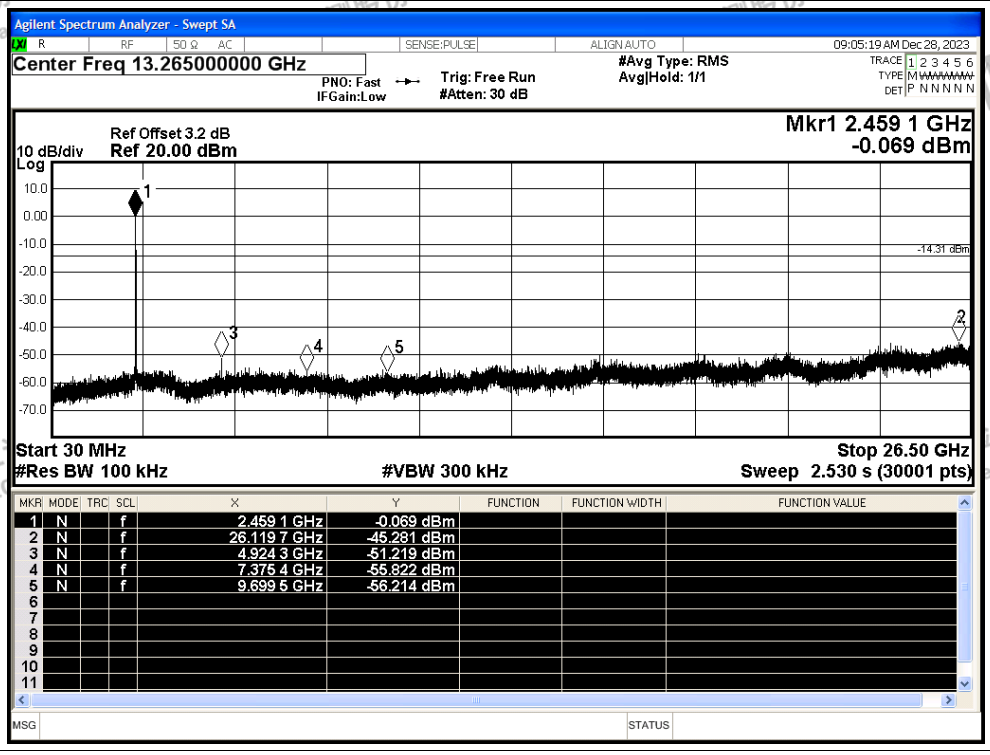


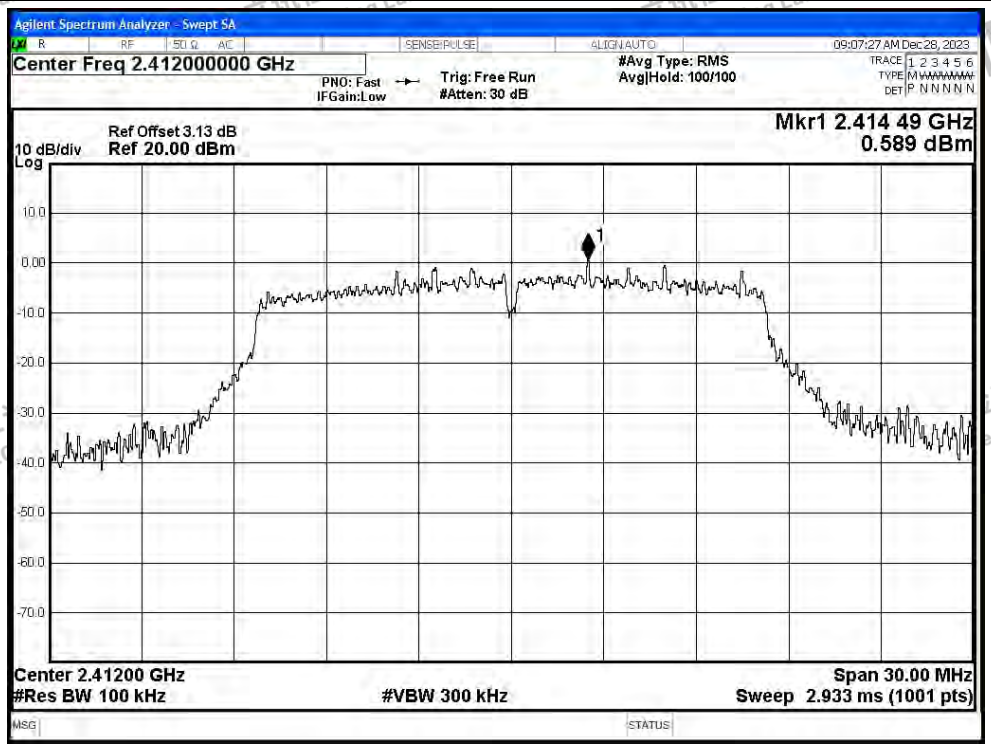
Tx. Spurious NVNT b 2462MHz Ant1 Ref



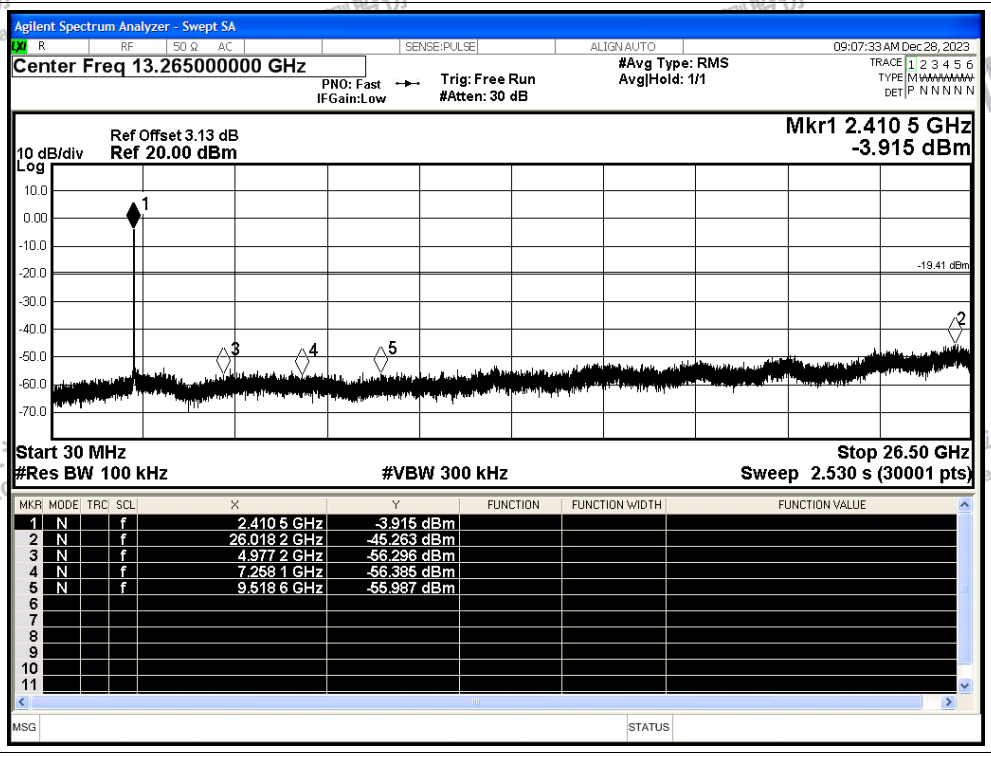
Tx. Spurious NVNT b 2462MHz Ant1 Emission



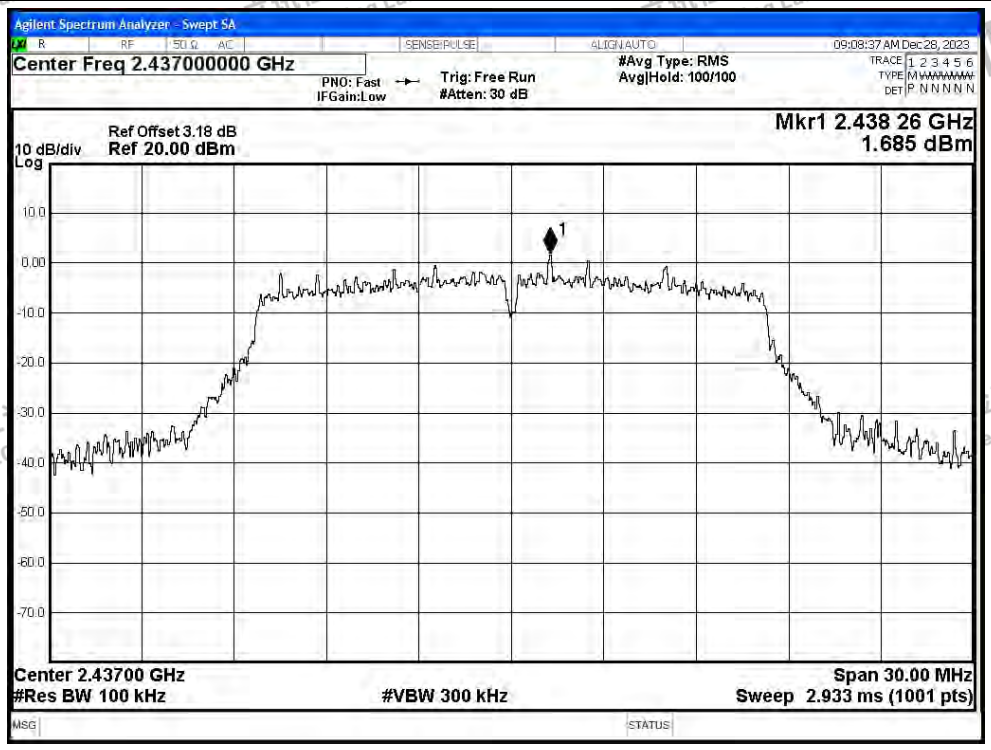
Tx. Spurious NVNT g 2412MHz Ant1 Ref



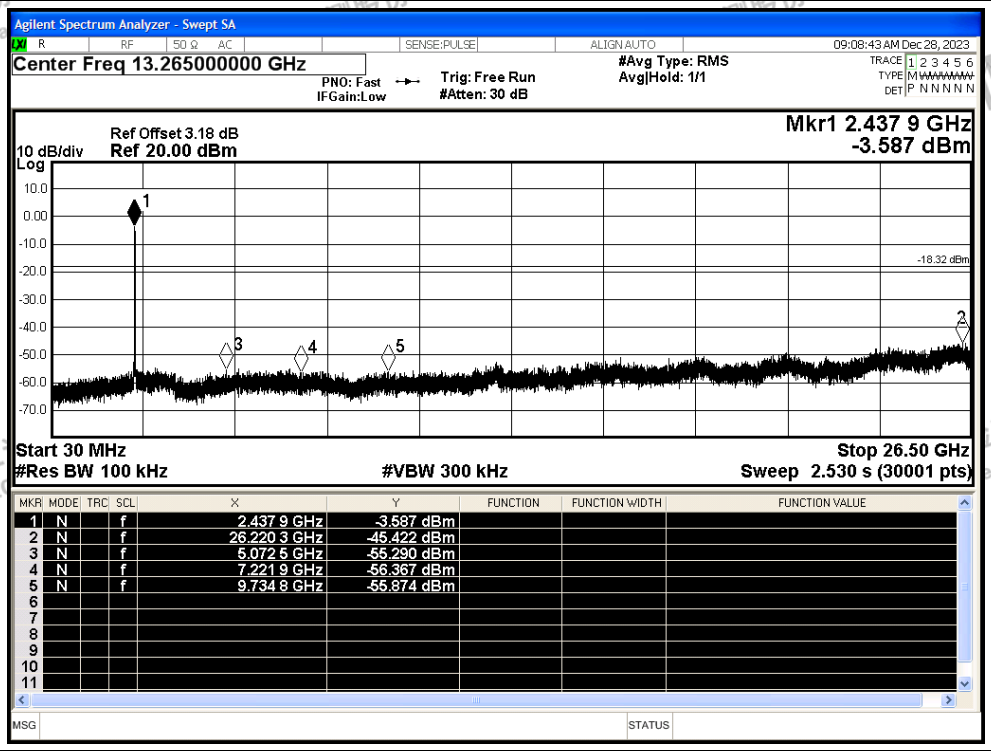
Tx. Spurious NVNT g 2412MHz Ant1 Emission



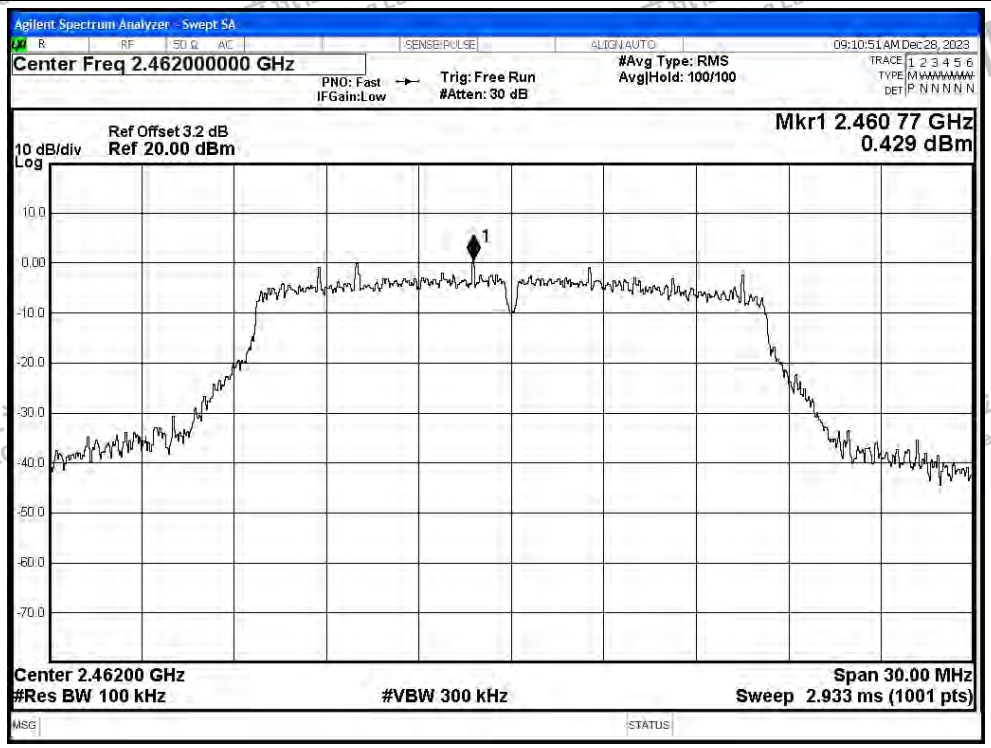
Tx. Spurious NVNT g 2437MHz Ant1 Ref



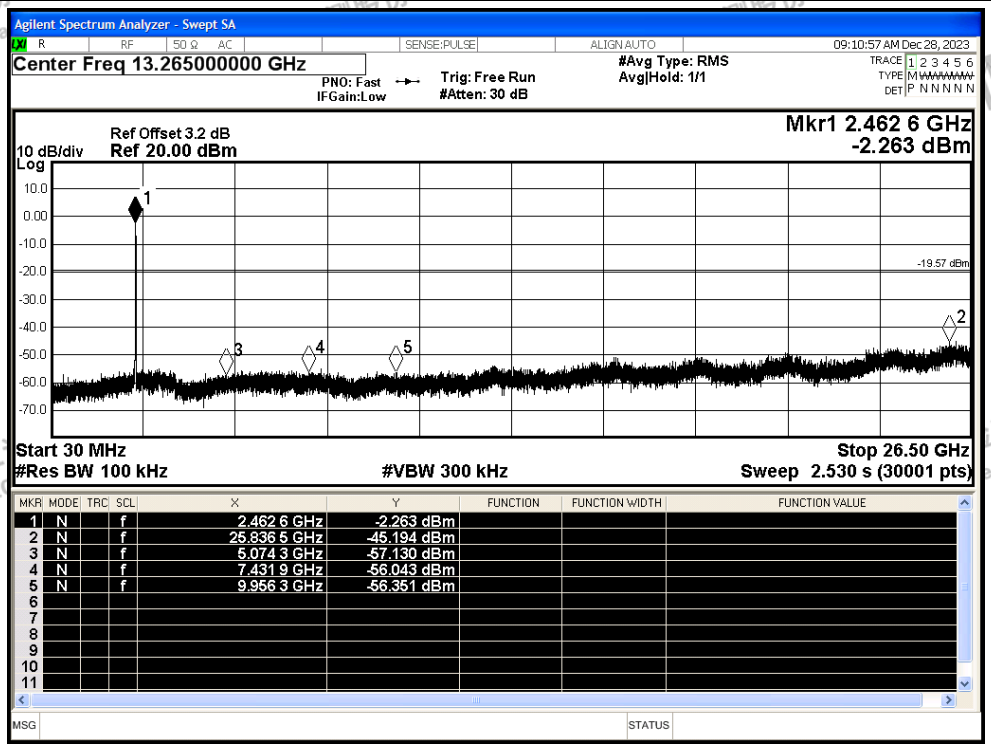
Tx. Spurious NVNT g 2437MHz Ant1 Emission



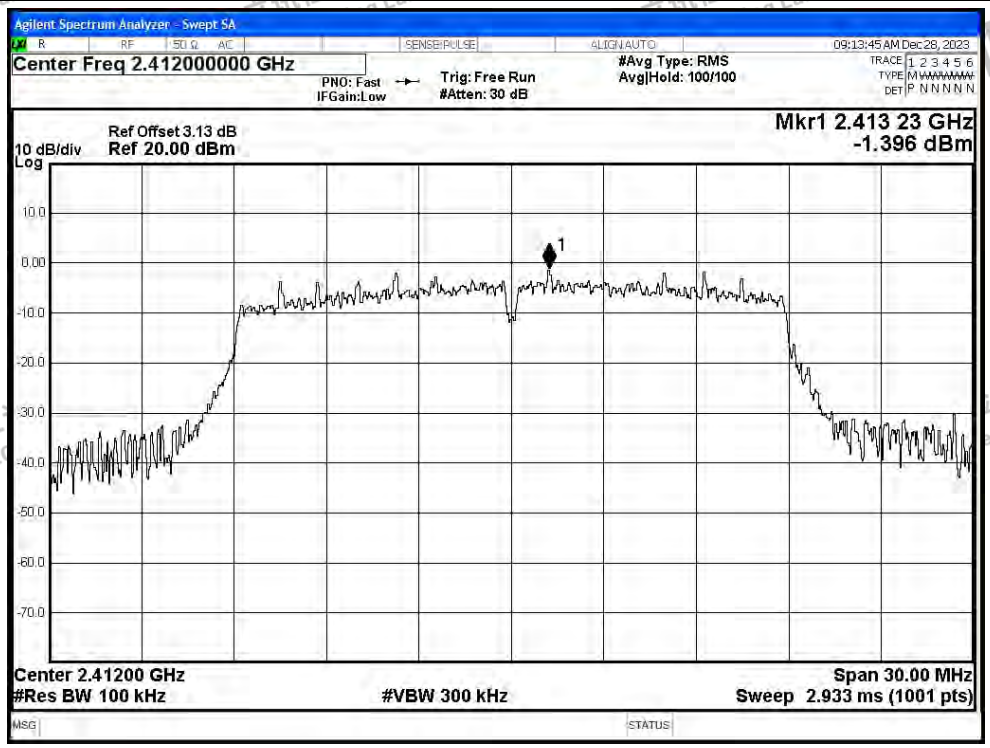
Tx. Spurious NVNT g 2462MHz Ant1 Ref



Tx. Spurious NVNT g 2462MHz Ant1 Emission



Tx. Spurious NVNT n20 2412MHz Ant1 Ref



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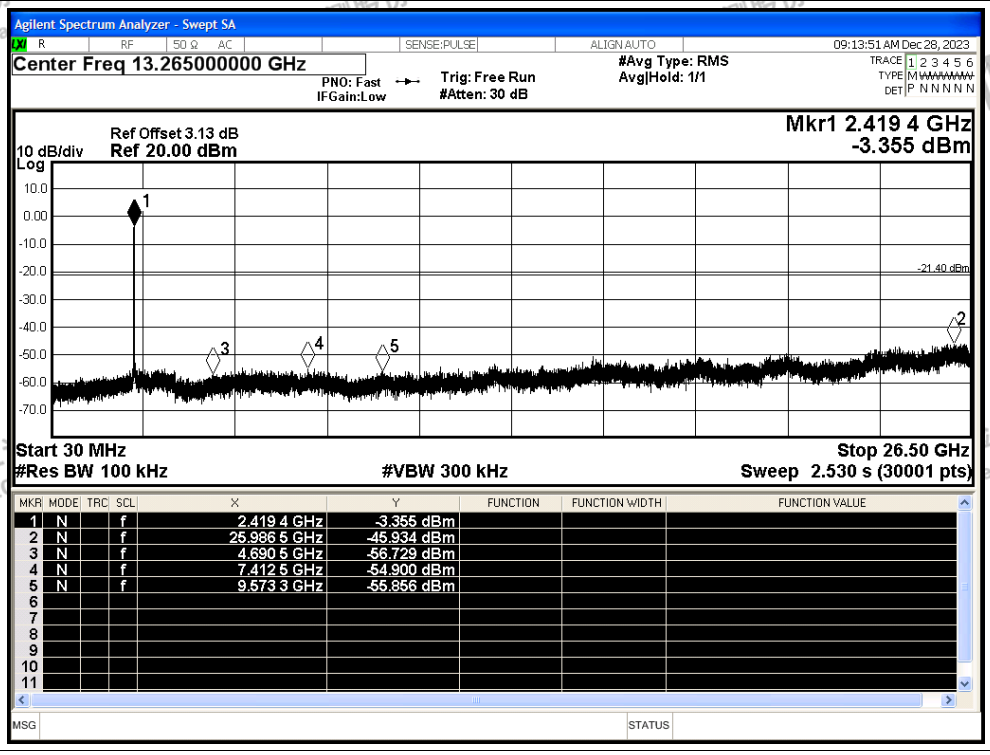

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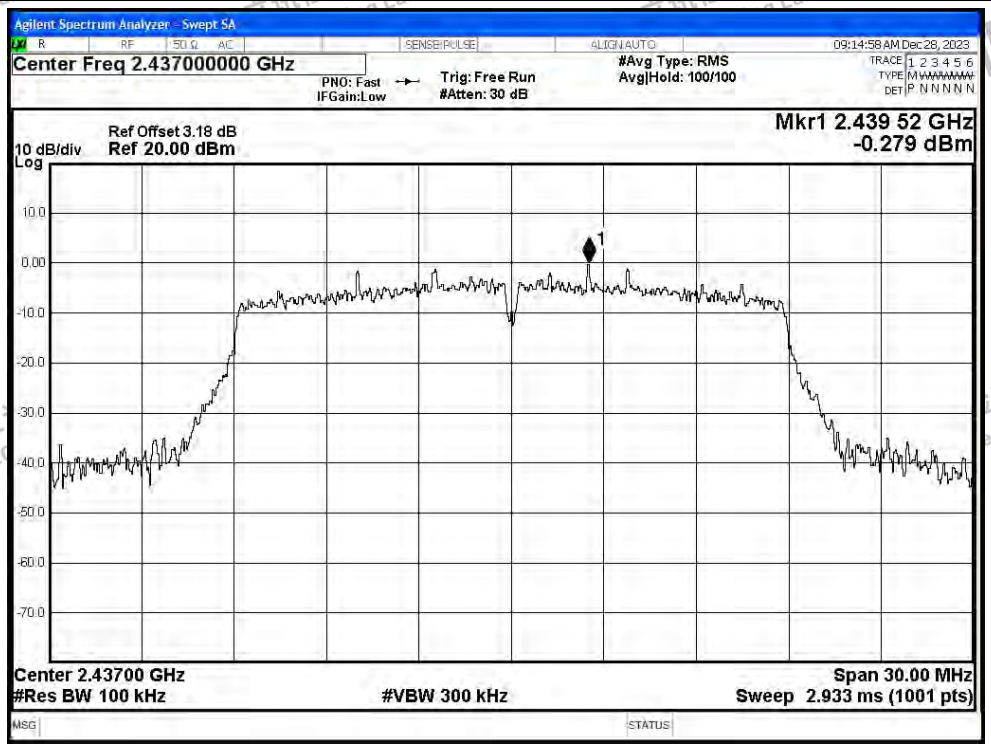

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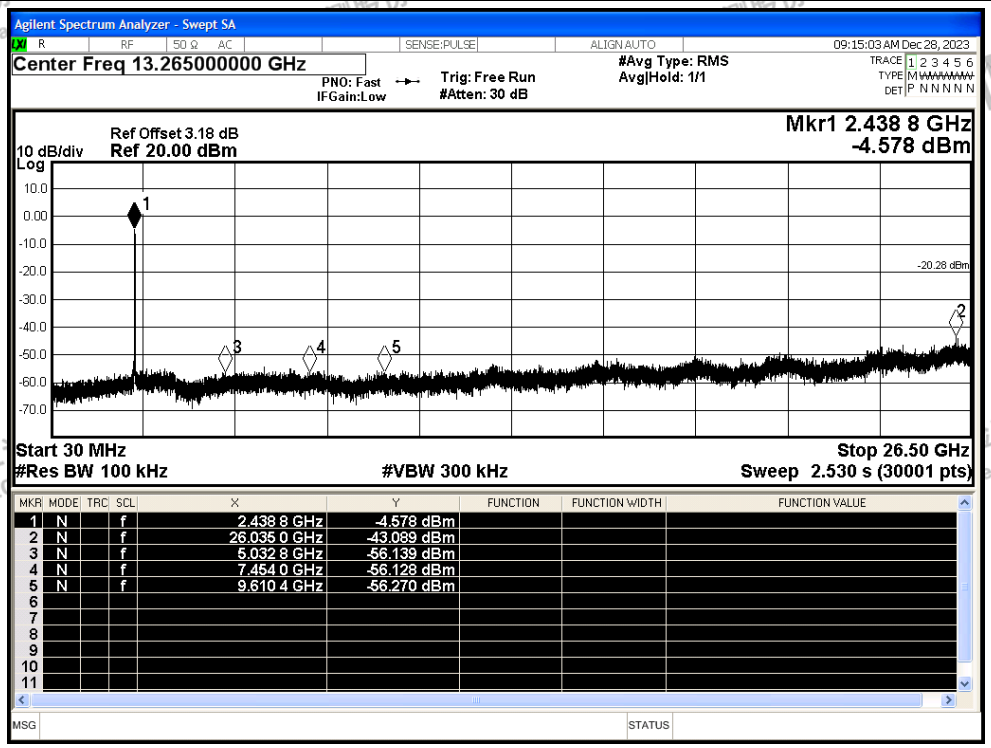

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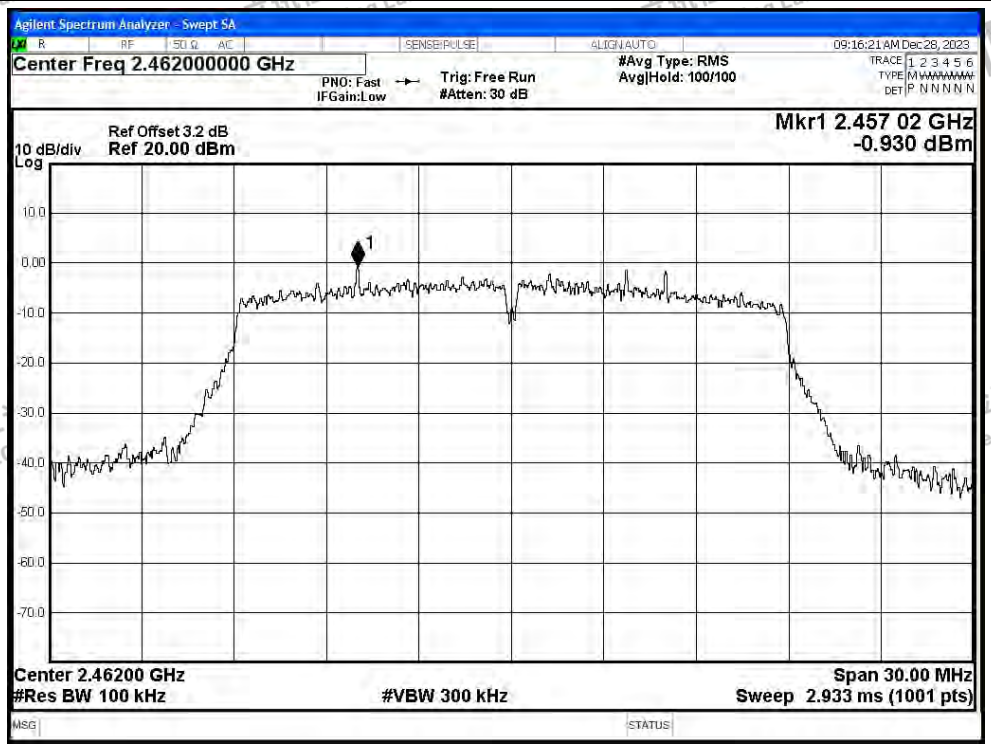

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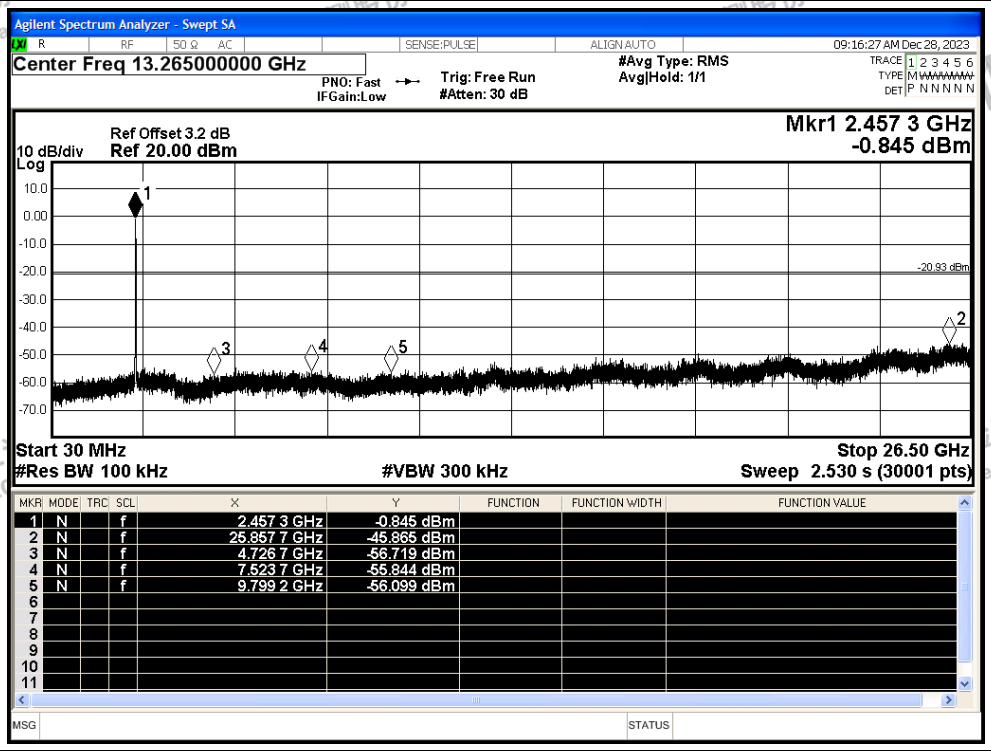
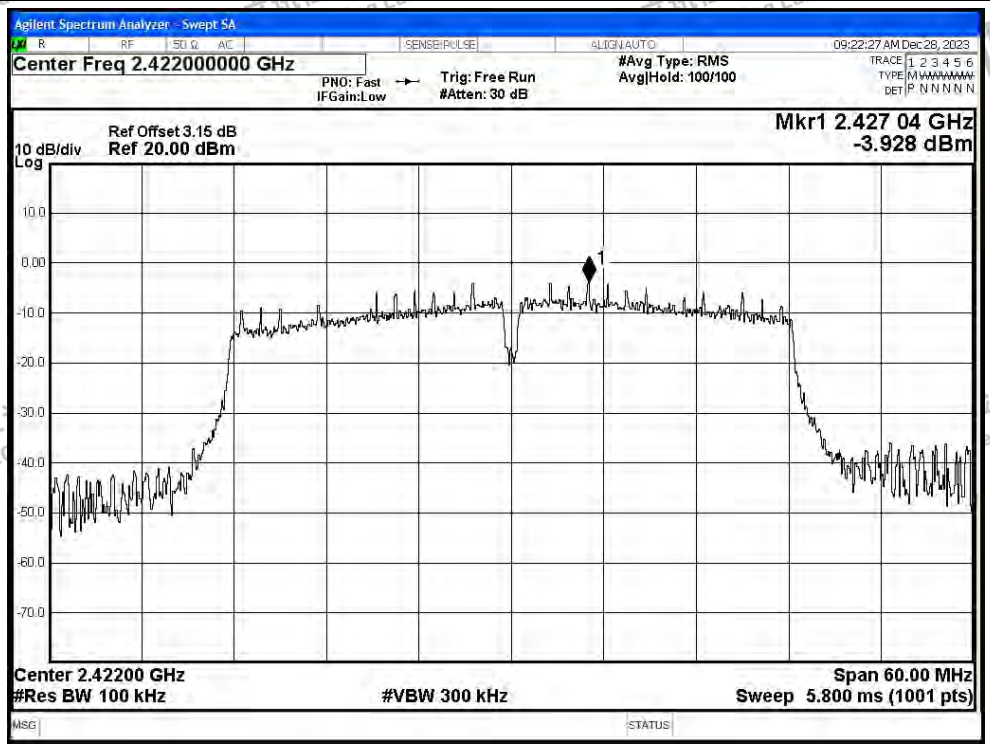
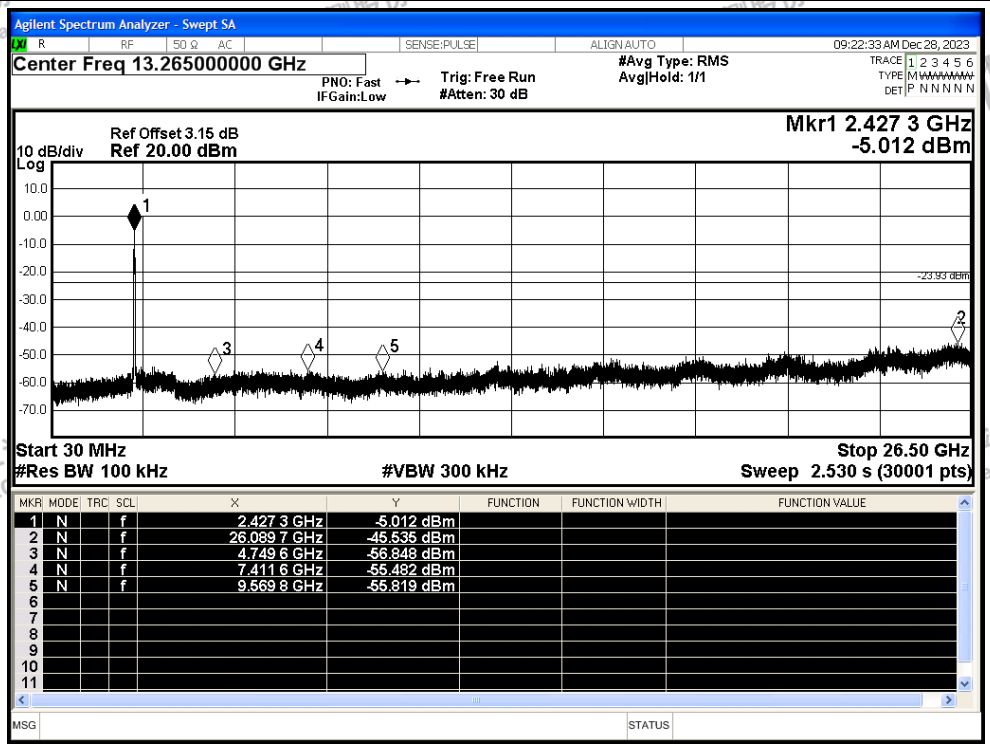


Tx. Spurious NVNT n40 2422MHz Ant1 Ref



Tx. Spurious NVNT n40 2422MHz Ant1 Emission



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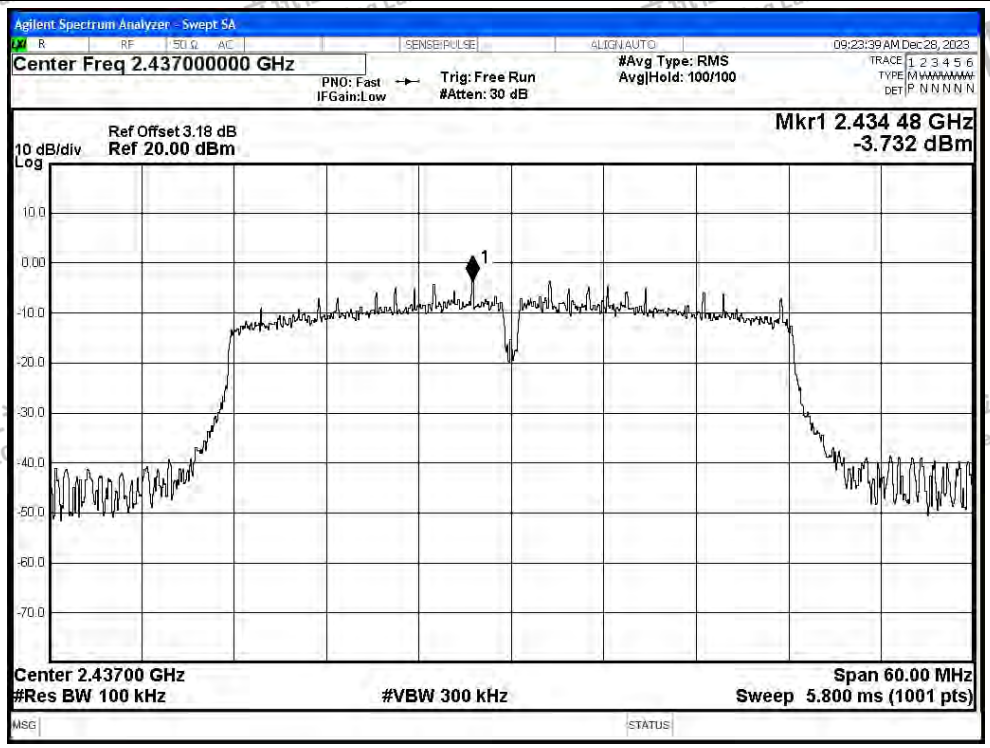

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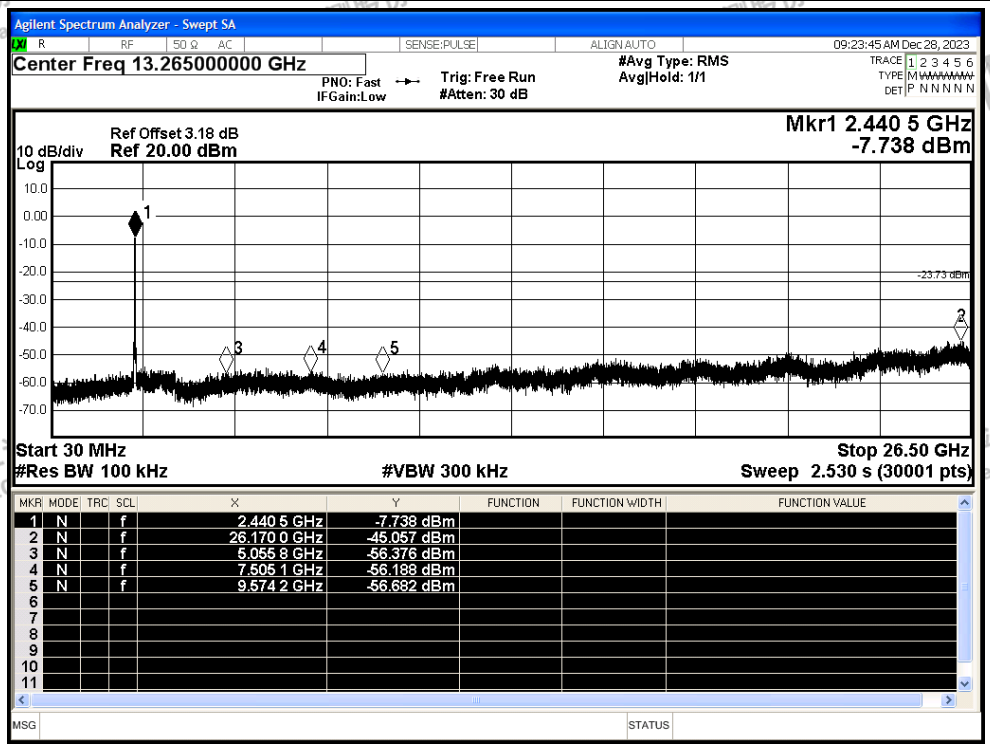
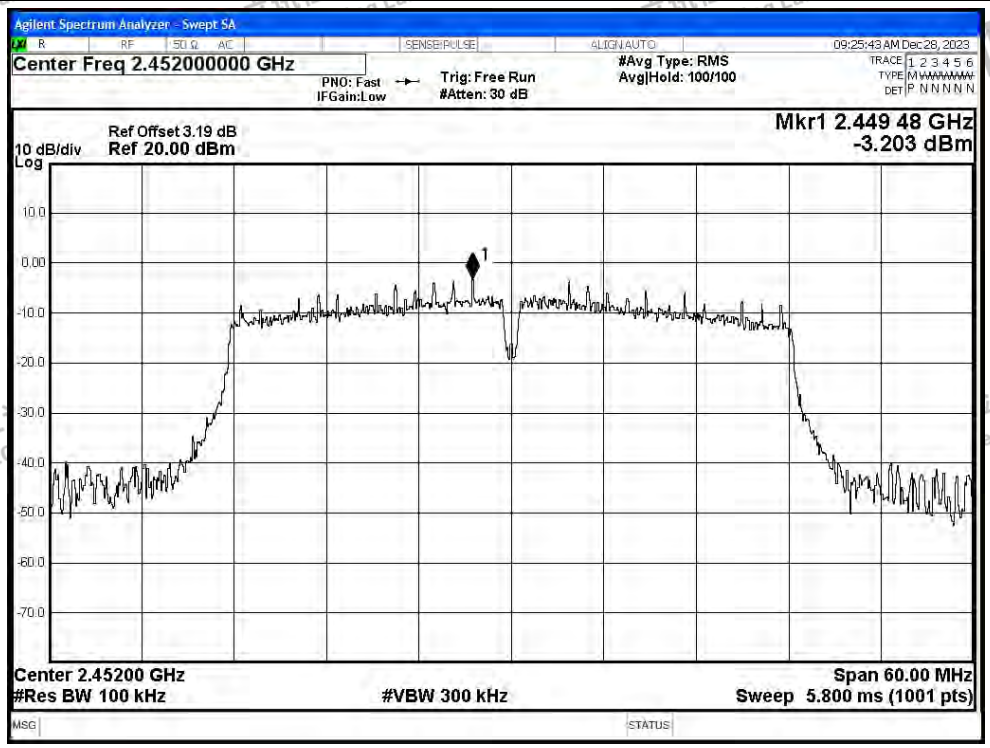


Tx. Spurious NVNT n40 2452MHz Ant1 Ref



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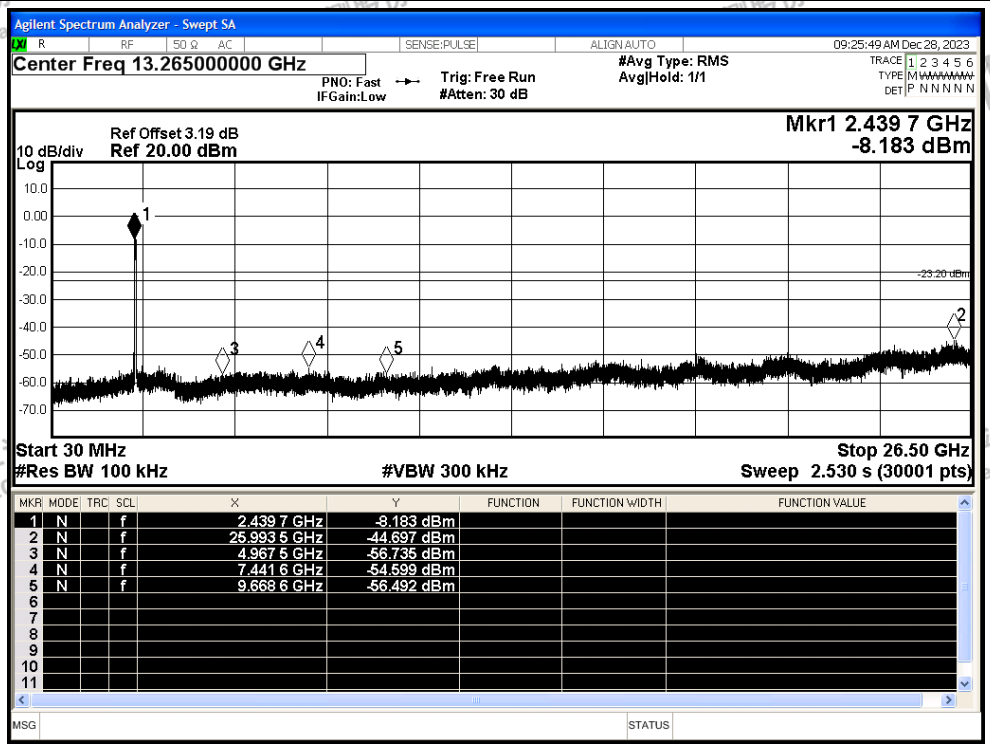
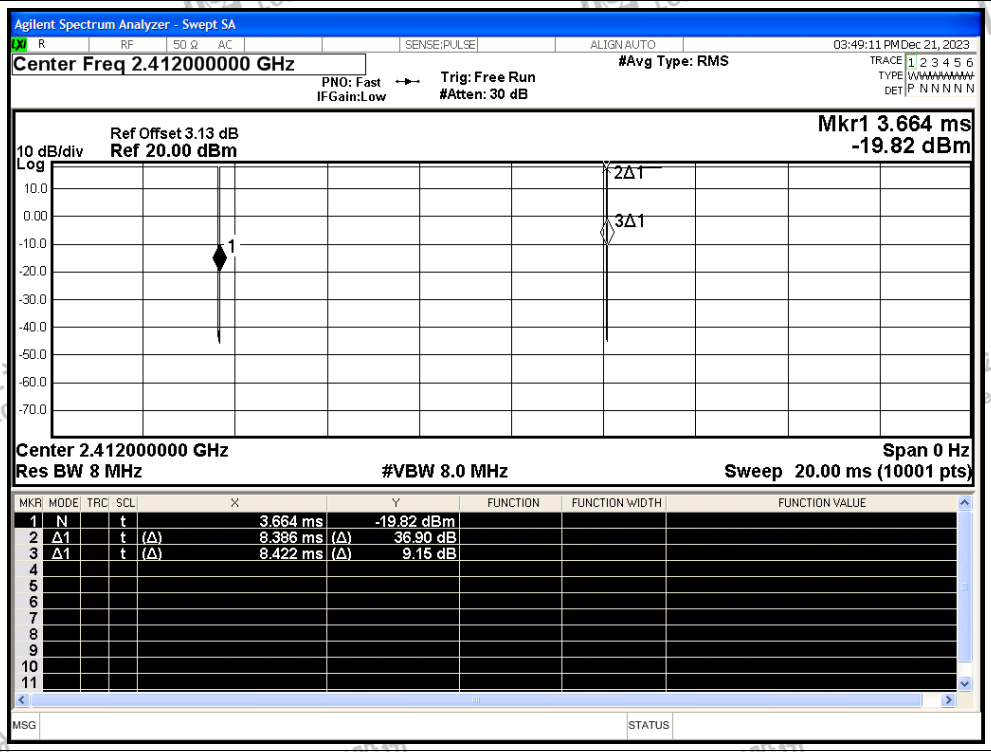


C.6 Duty Cycle

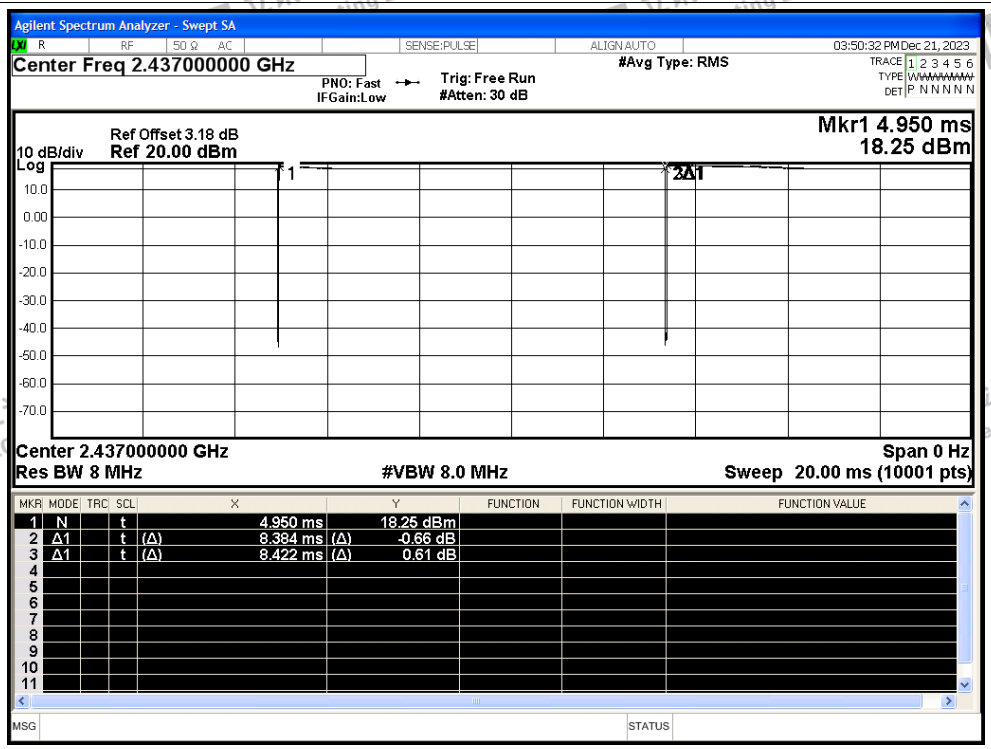
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant0	99.57	0	0.01
NVNT	b	2437	Ant0	99.55	0	0.01
NVNT	b	2462	Ant0	99.55	0	0.01
NVNT	g	2412	Ant0	96.94	0.13	0.72
NVNT	g	2437	Ant0	96.94	0.13	0.72
NVNT	g	2462	Ant0	96.94	0.13	0.72
NVNT	n20	2412	Ant0	96.73	0.14	0.77
NVNT	n20	2437	Ant0	96.73	0.14	0.77
NVNT	n20	2462	Ant0	96.73	0.14	0.77
NVNT	n40	2422	Ant0	93.64	0.29	1.54
NVNT	n40	2437	Ant0	93.64	0.29	1.54
NVNT	n40	2452	Ant0	93.79	0.28	1.54

Test Graphs

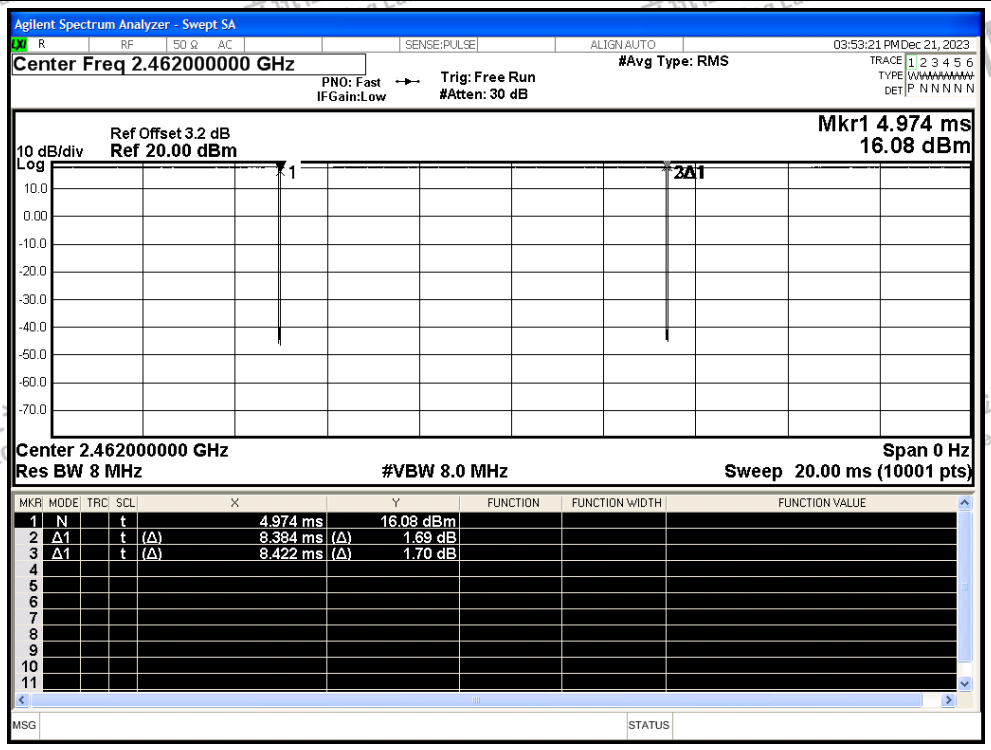
Duty Cycle NVNT b 2412MHz Ant0



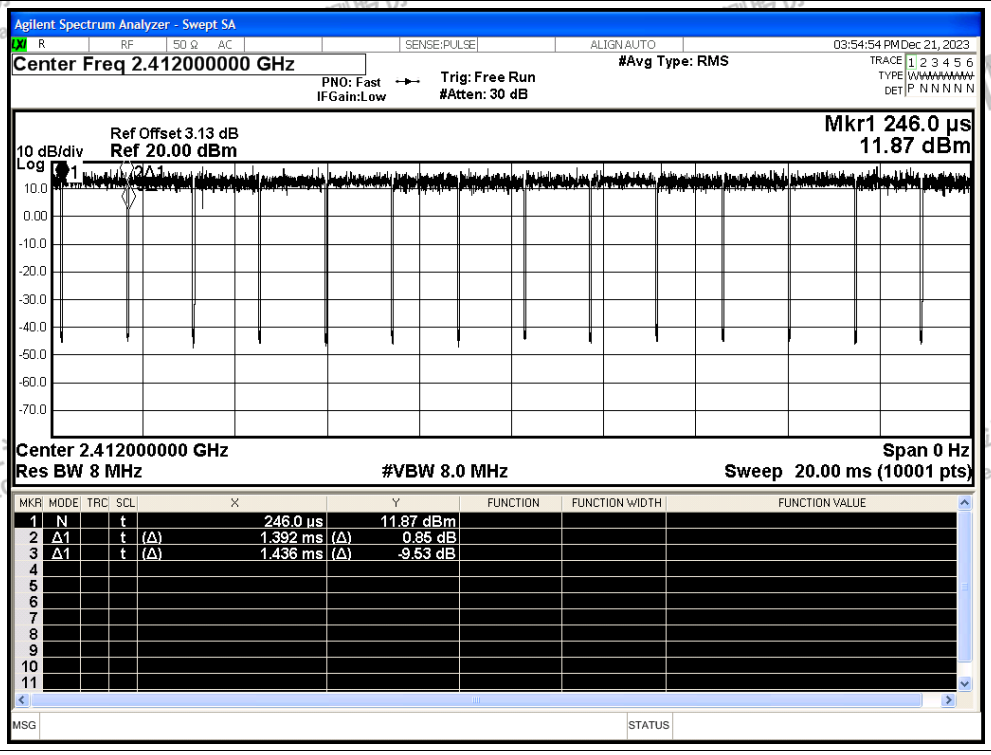
Duty Cycle NVNT b 2437MHz Ant0



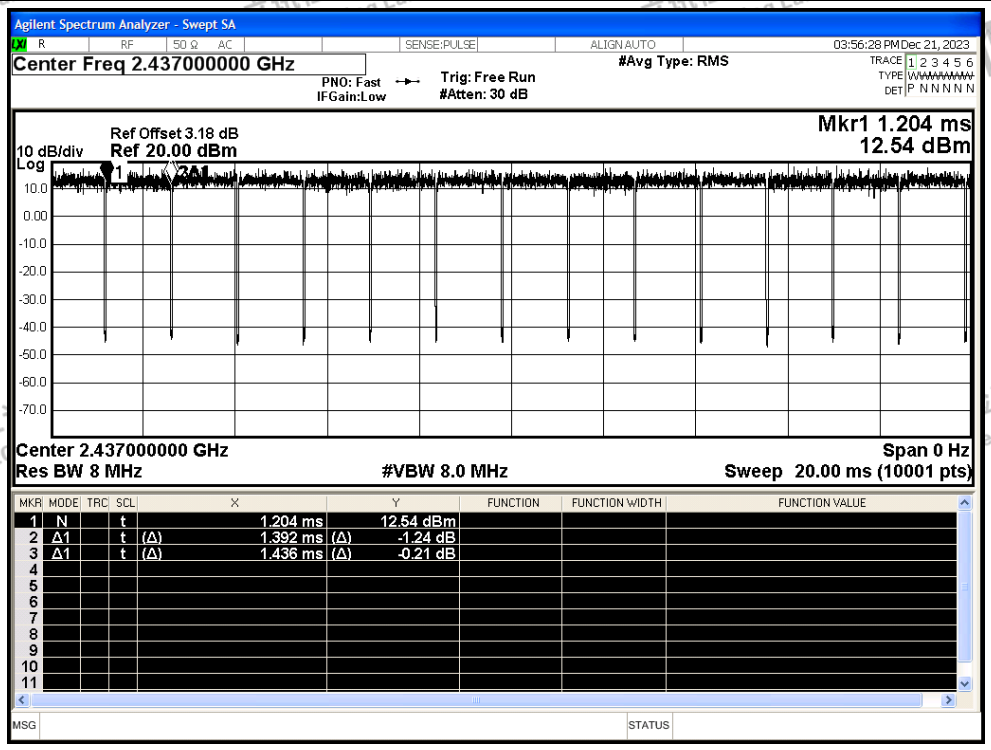
Duty Cycle NVNT b 2462MHz Ant0



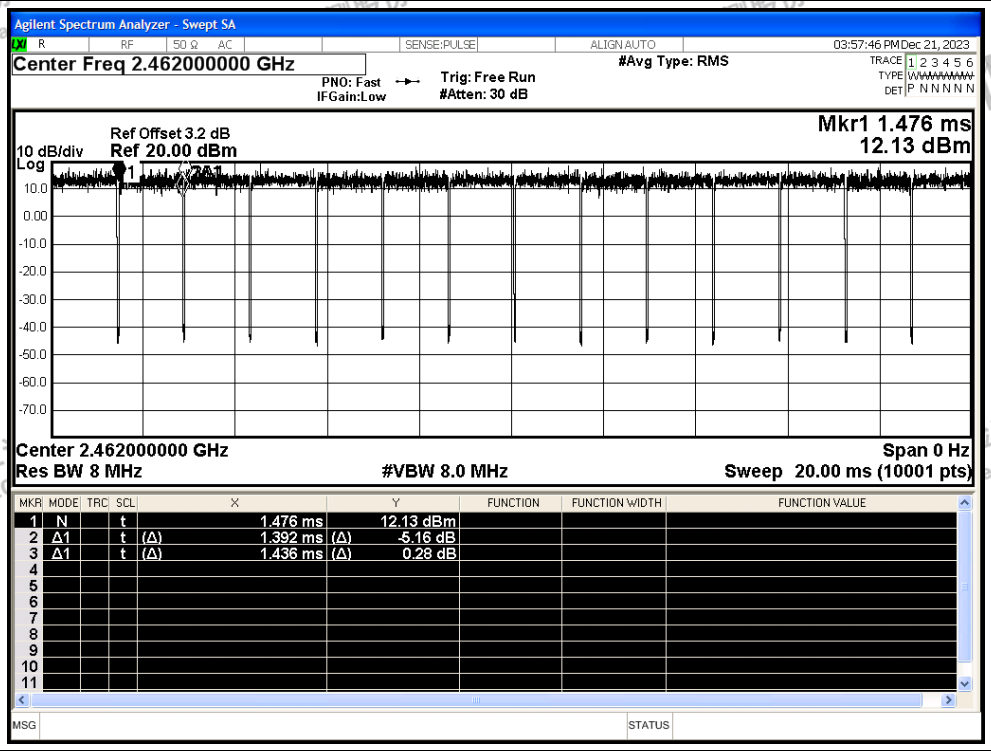
Duty Cycle NVNT g 2412MHz Ant0



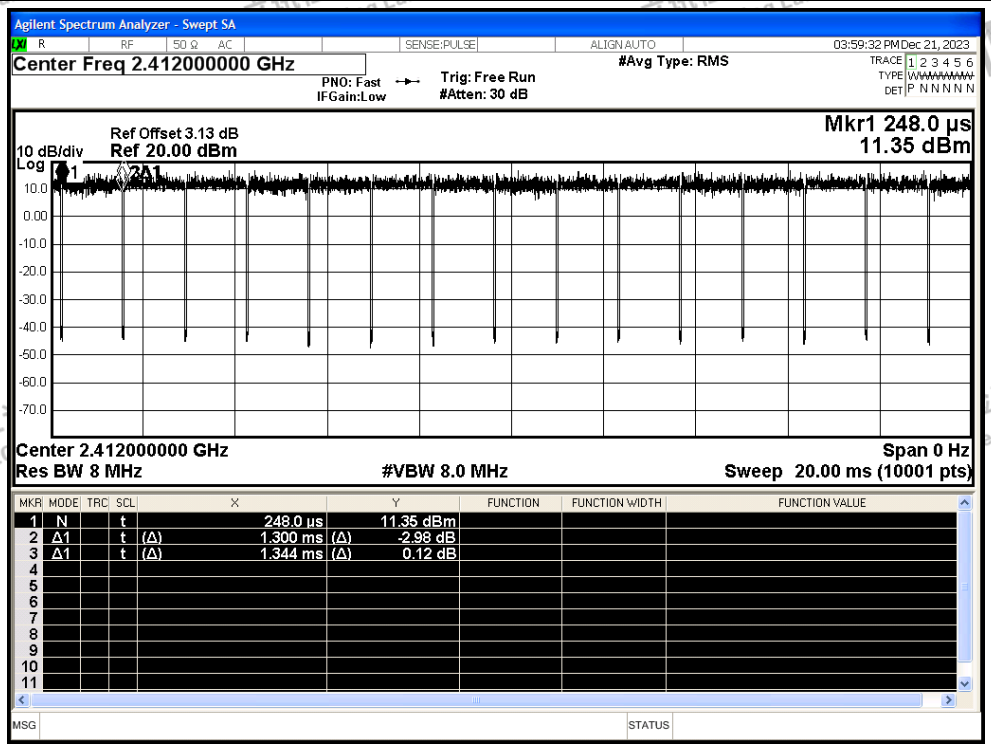
Duty Cycle NVNT g 2437MHz Ant0



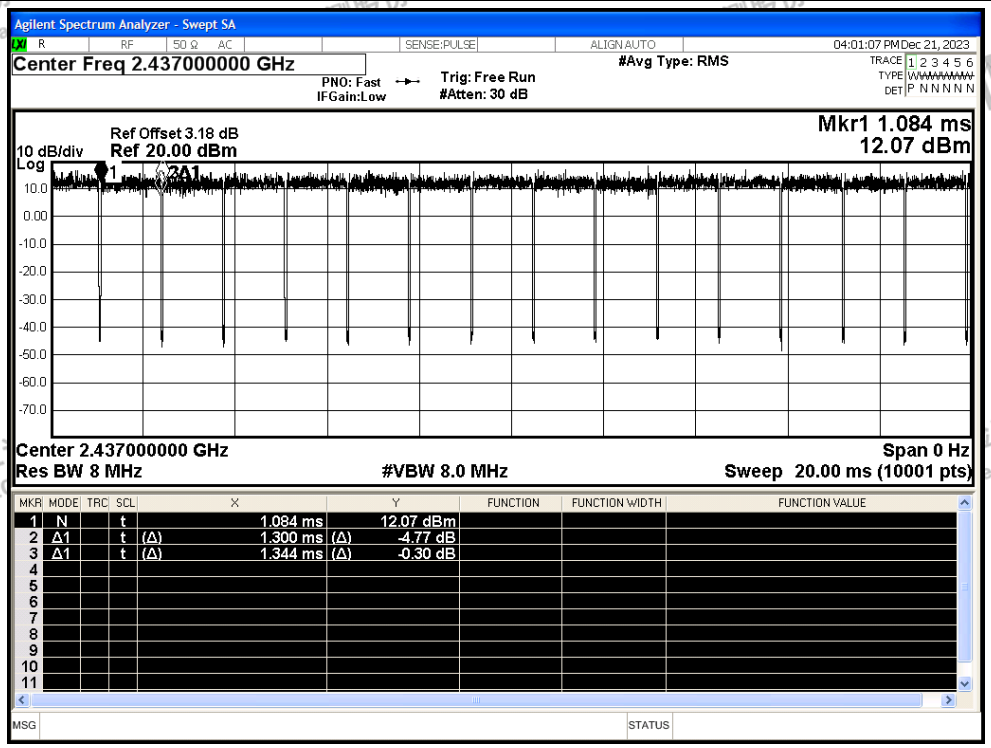
Duty Cycle NVNT g 2462MHz Ant0



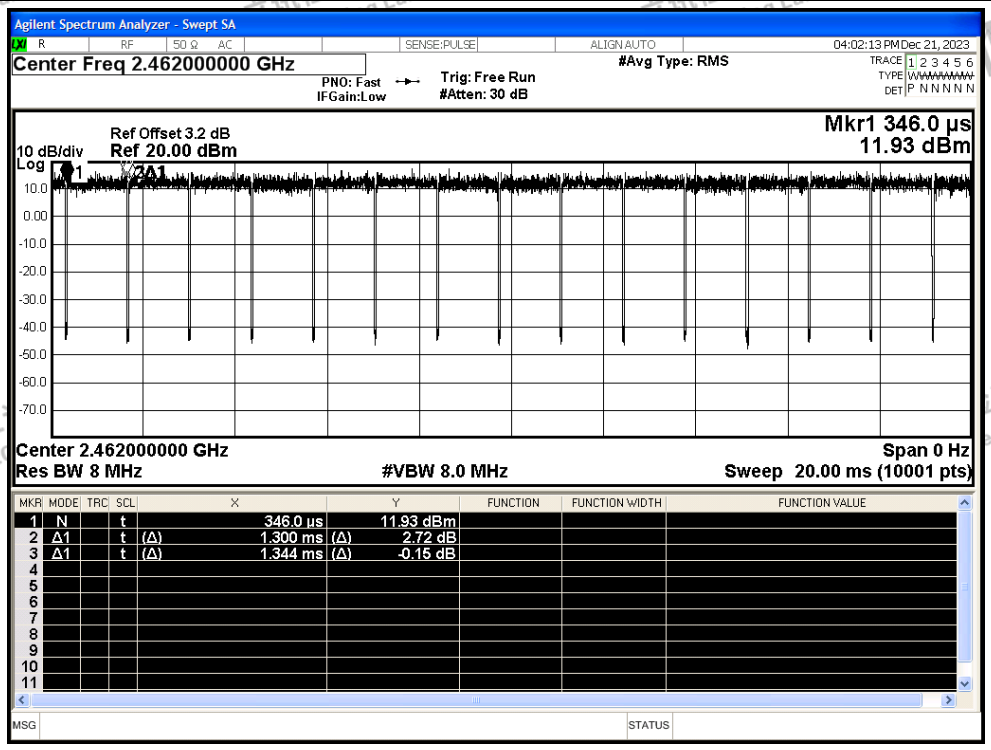
Duty Cycle NVNT n20 2412MHz Ant0



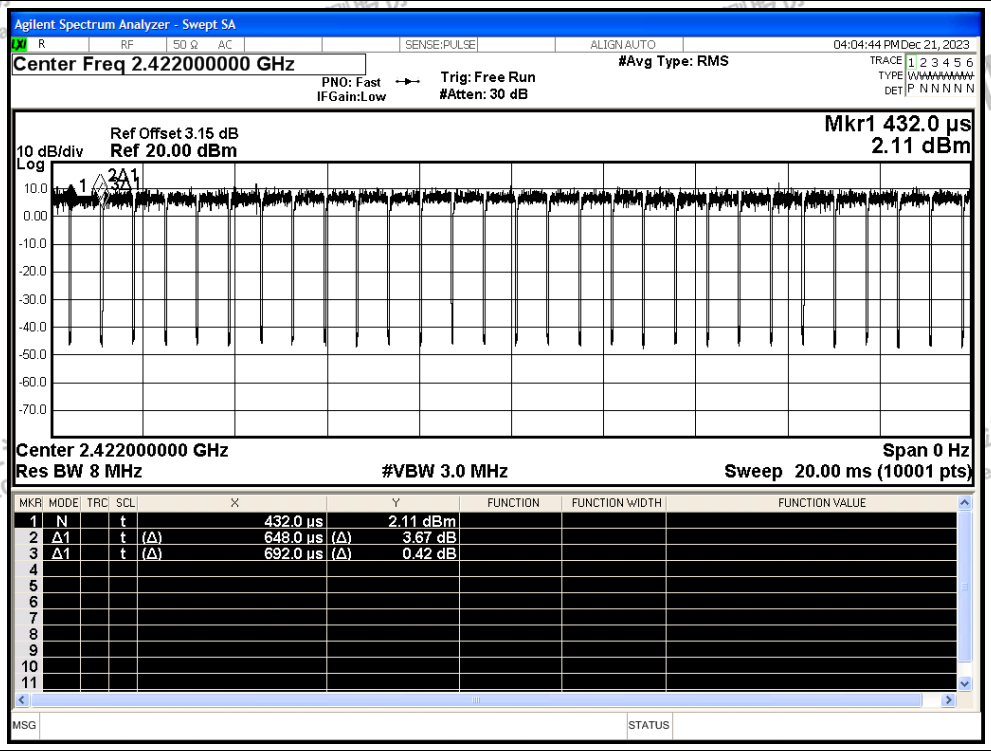
Duty Cycle NVNT n20 2437MHz Ant0



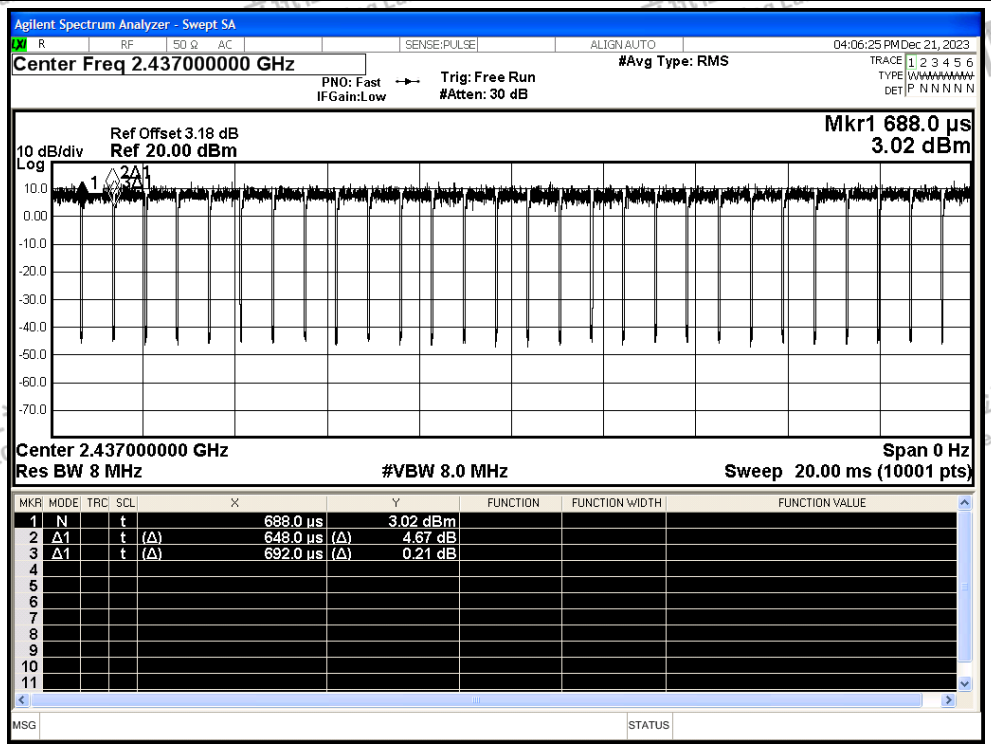
Duty Cycle NVNT n20 2462MHz Ant0



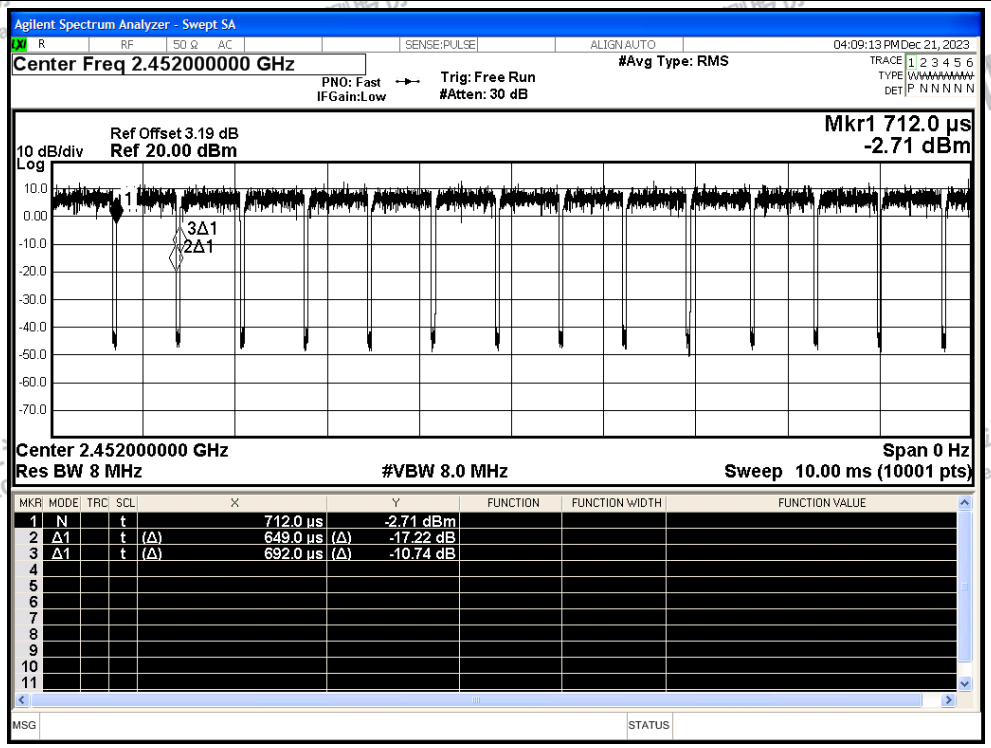
Duty Cycle NVNT n40 2422MHz Ant0



Duty Cycle NVNT n40 2437MHz Ant0



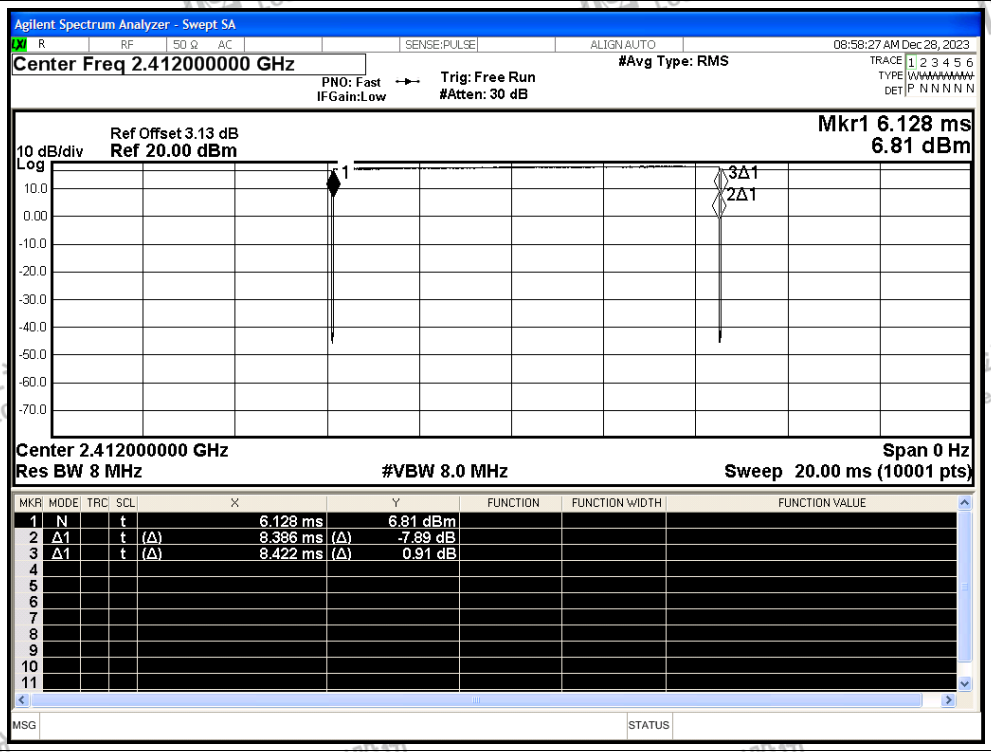
Duty Cycle NVNT n40 2452MHz Ant0



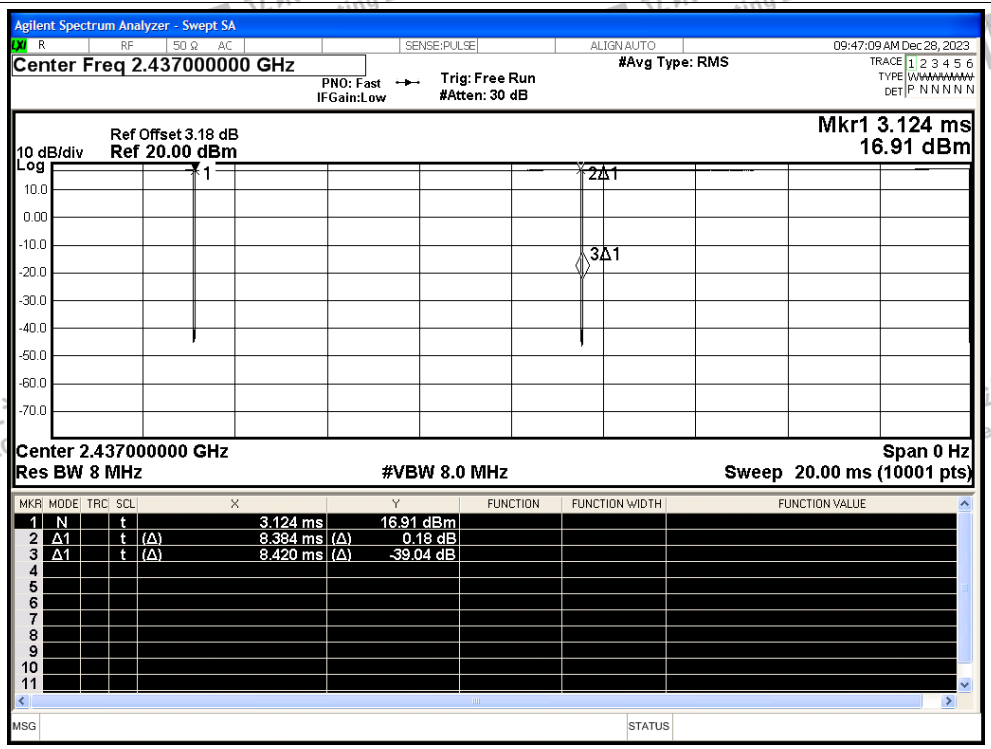
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	99.57	0	0.01
NVNT	b	2437	Ant1	99.57	0	0.01
NVNT	b	2462	Ant1	99.57	0	0.01
NVNT	g	2412	Ant1	97.08	0.13	0.72
NVNT	g	2437	Ant1	97.08	0.13	0.72
NVNT	g	2462	Ant1	97.08	0.13	0.72
NVNT	n20	2412	Ant1	96.73	0.14	0.77
NVNT	n20	2437	Ant1	96.87	0.14	0.77
NVNT	n20	2462	Ant1	96.88	0.14	0.77
NVNT	n40	2422	Ant1	93.93	0.27	1.54
NVNT	n40	2437	Ant1	93.93	0.27	1.54
NVNT	n40	2452	Ant1	93.79	0.28	1.54

Test Graphs

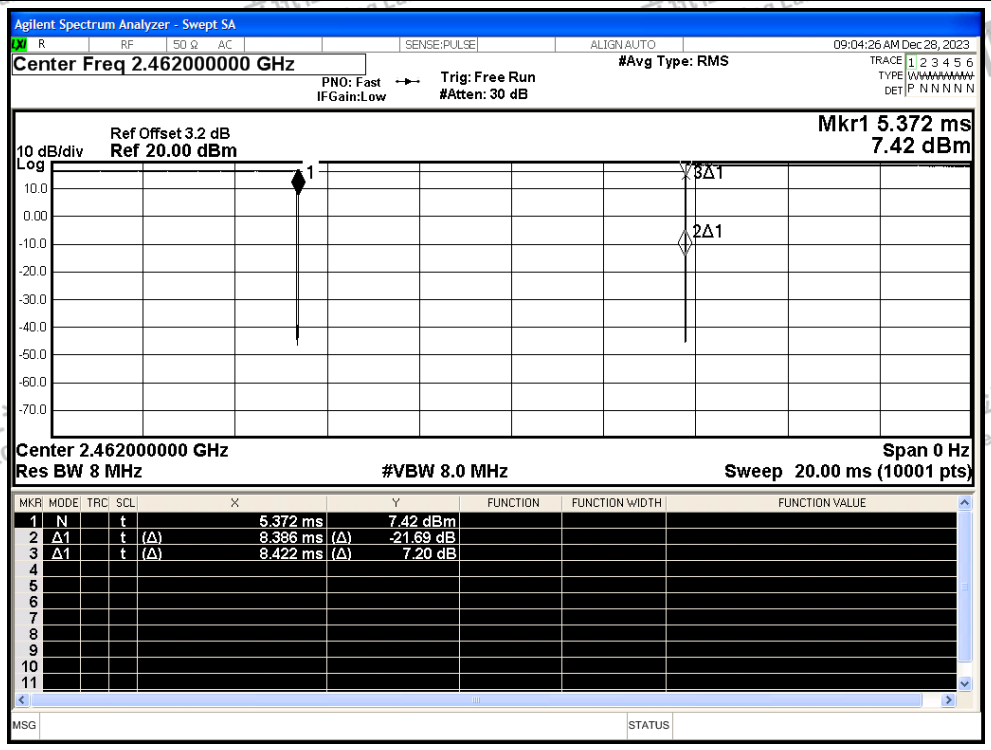
Duty Cycle NVNT b 2412MHz Ant1



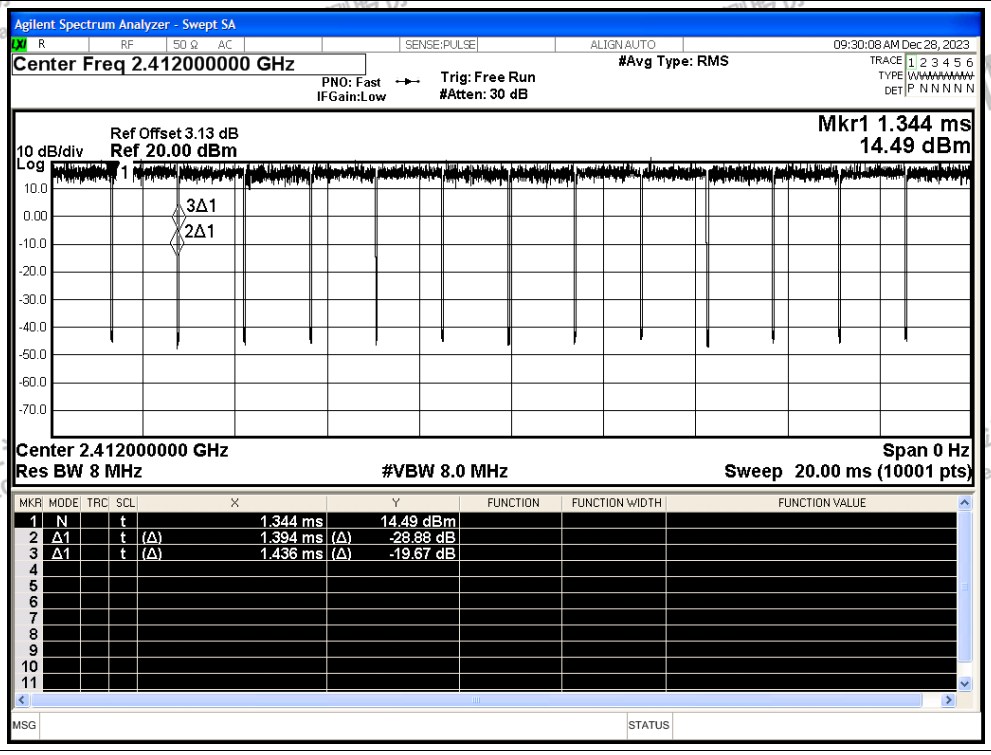
Duty Cycle NVNT b 2437MHz Ant1



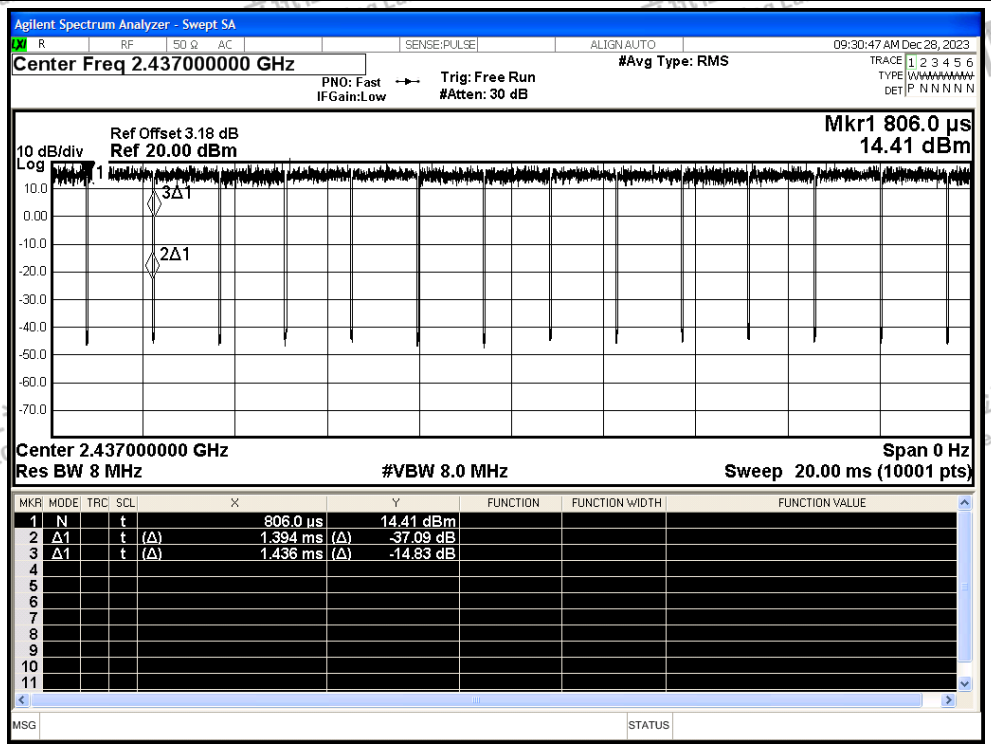
Duty Cycle NVNT b 2462MHz Ant1



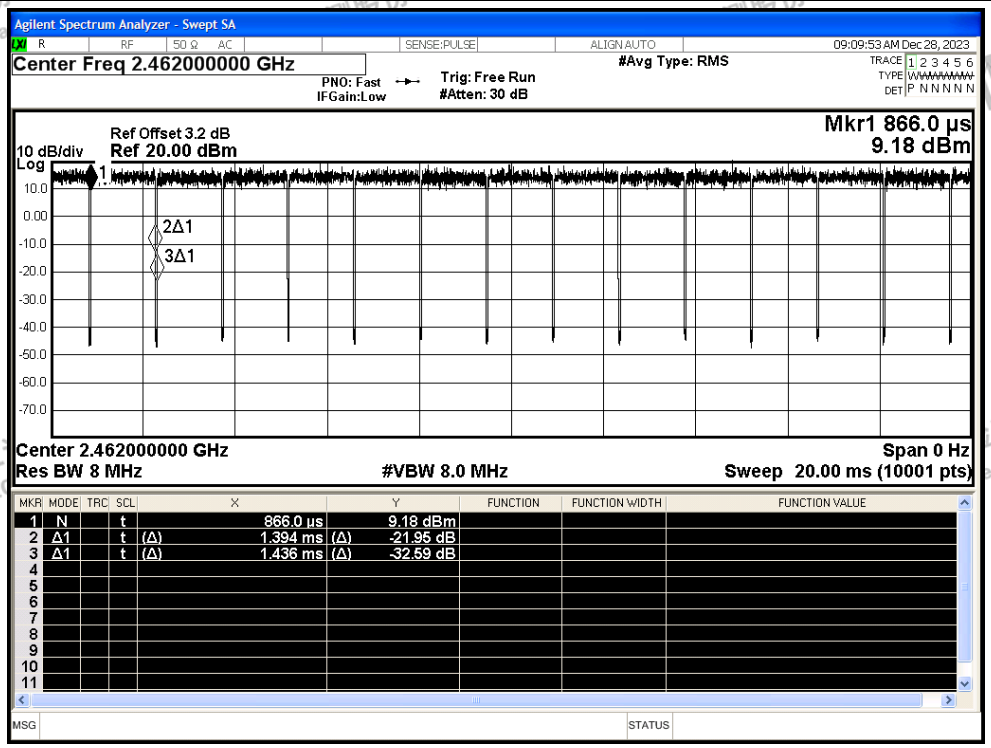
Duty Cycle NVNT g 2412MHz Ant1



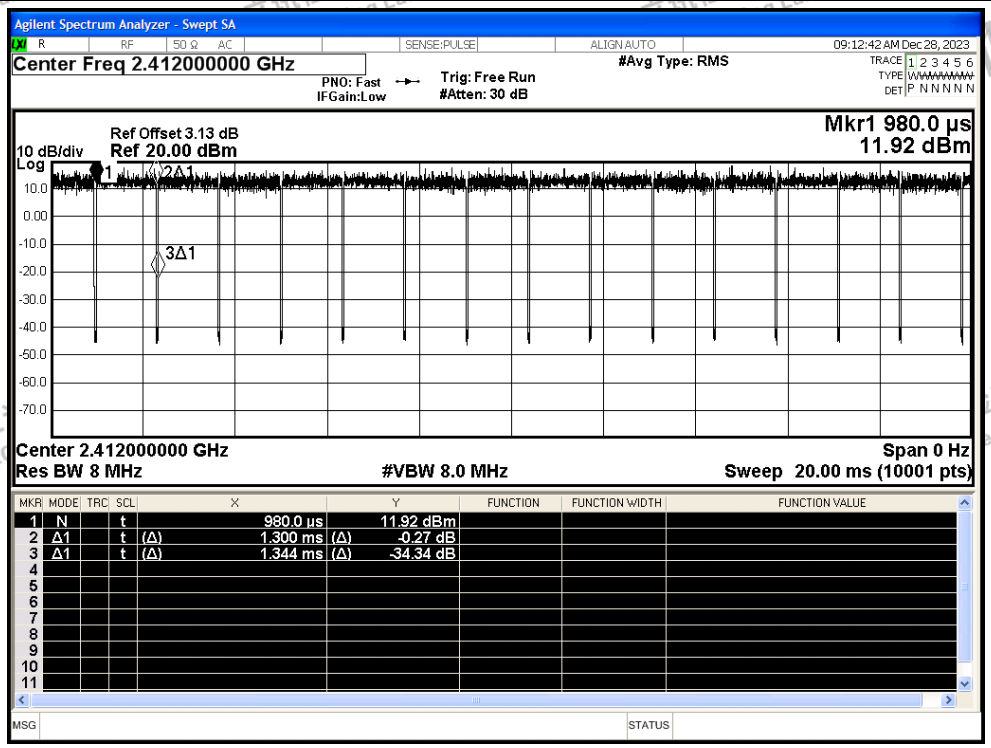
Duty Cycle NVNT g 2437MHz Ant1



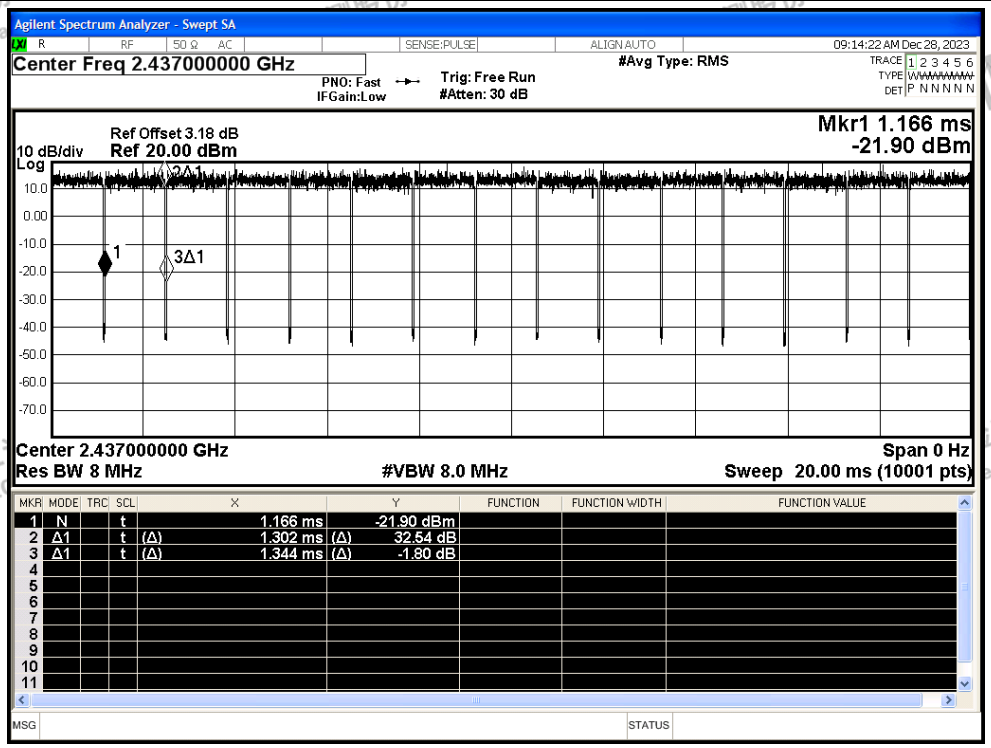
Duty Cycle NVNT g 2462MHz Ant1



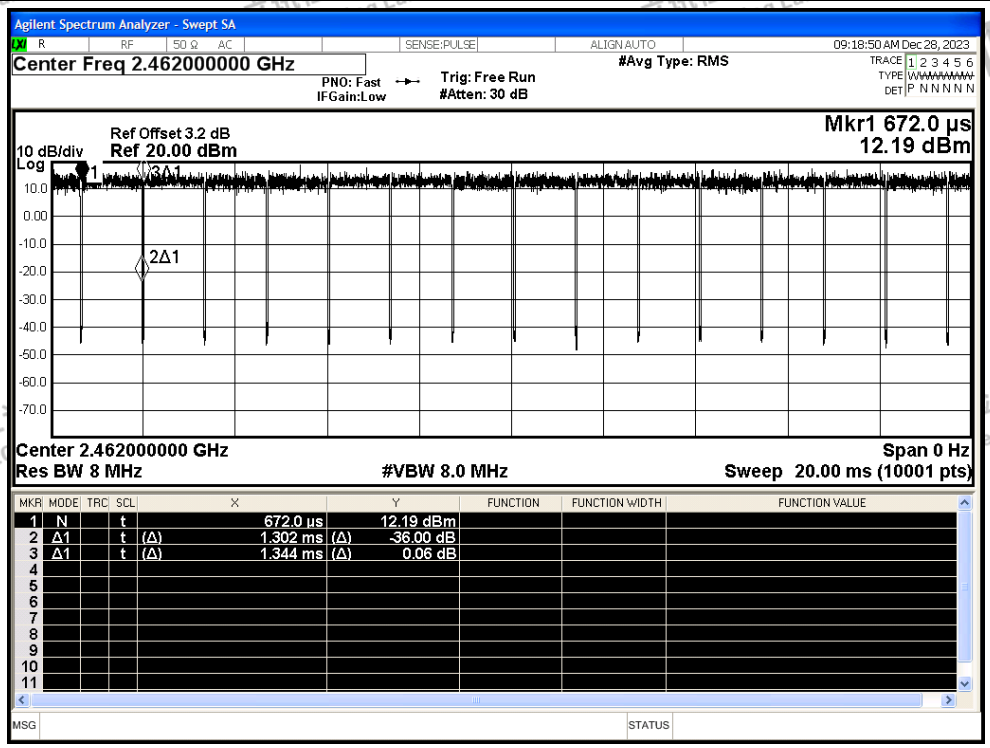
Duty Cycle NVNT n20 2412MHz Ant1



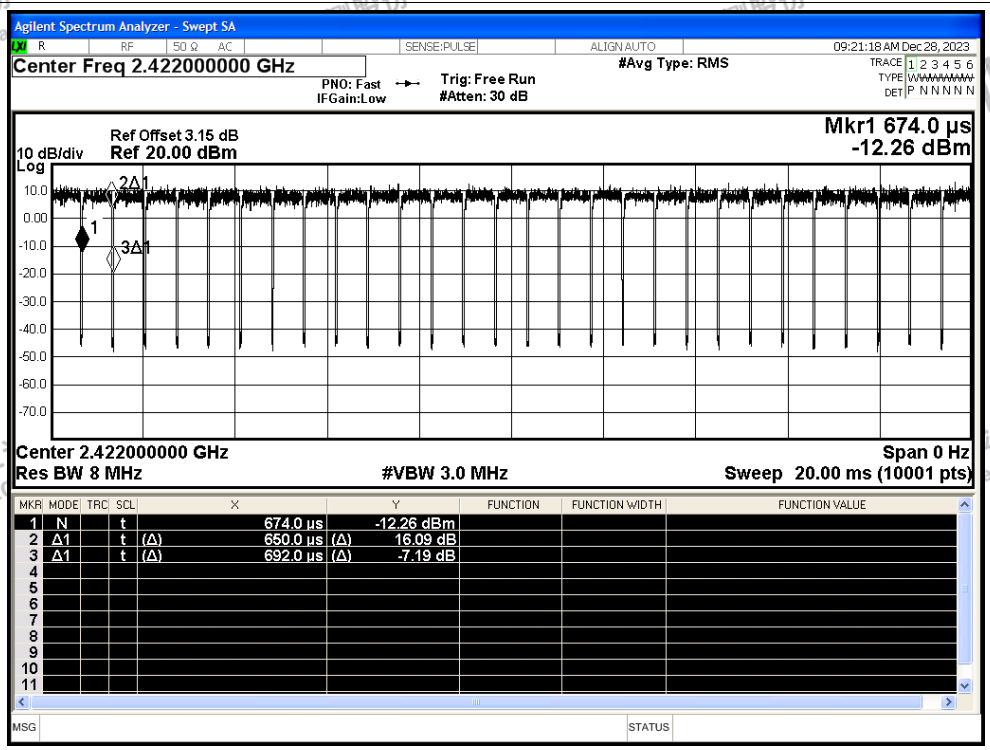
Duty Cycle NVNT n20 2437MHz Ant1



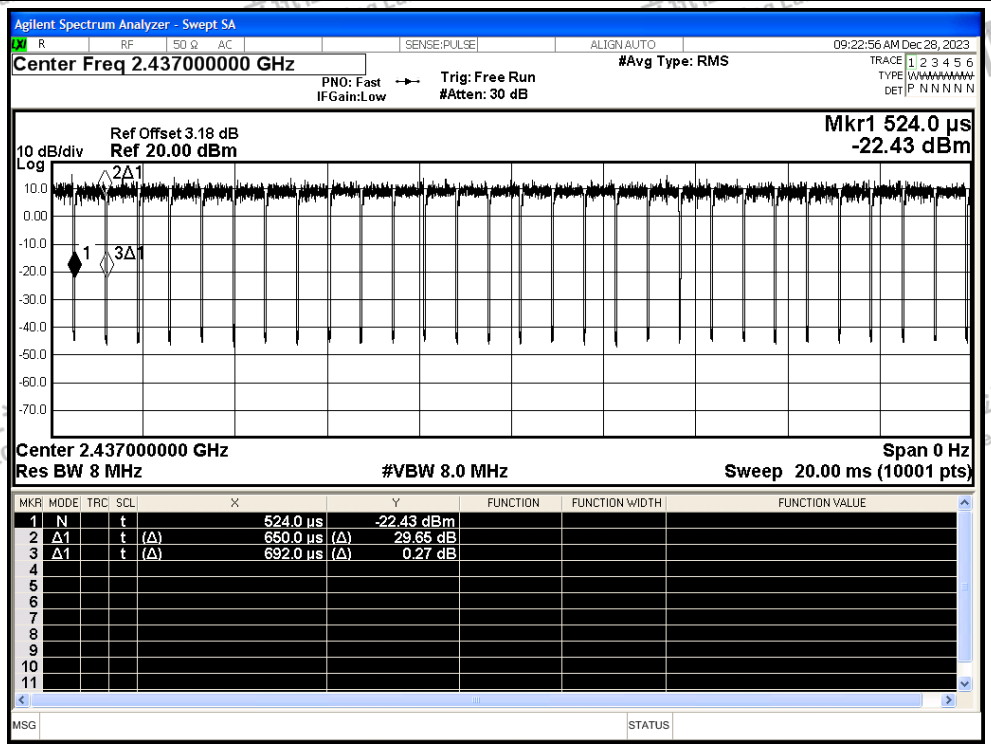
Duty Cycle NVNT n20 2462MHz Ant1



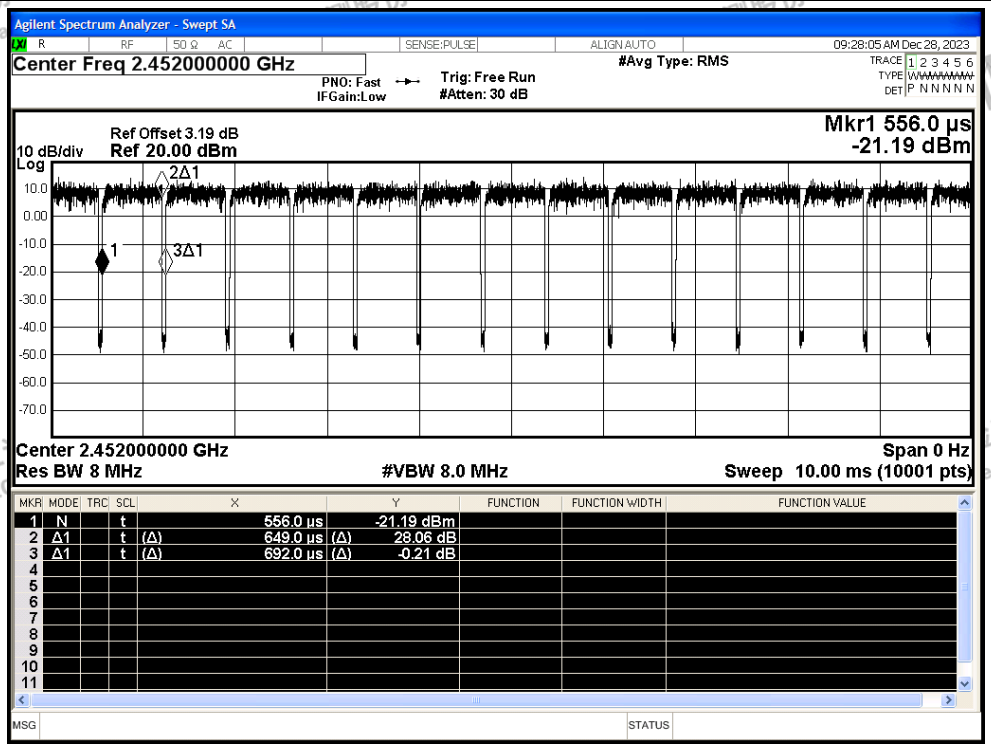
Duty Cycle NVNT n40 2422MHz Ant1



Duty Cycle NVNT n40 2437MHz Ant1



Duty Cycle NVNT n40 2452MHz Ant1



C.7 Restrict Band

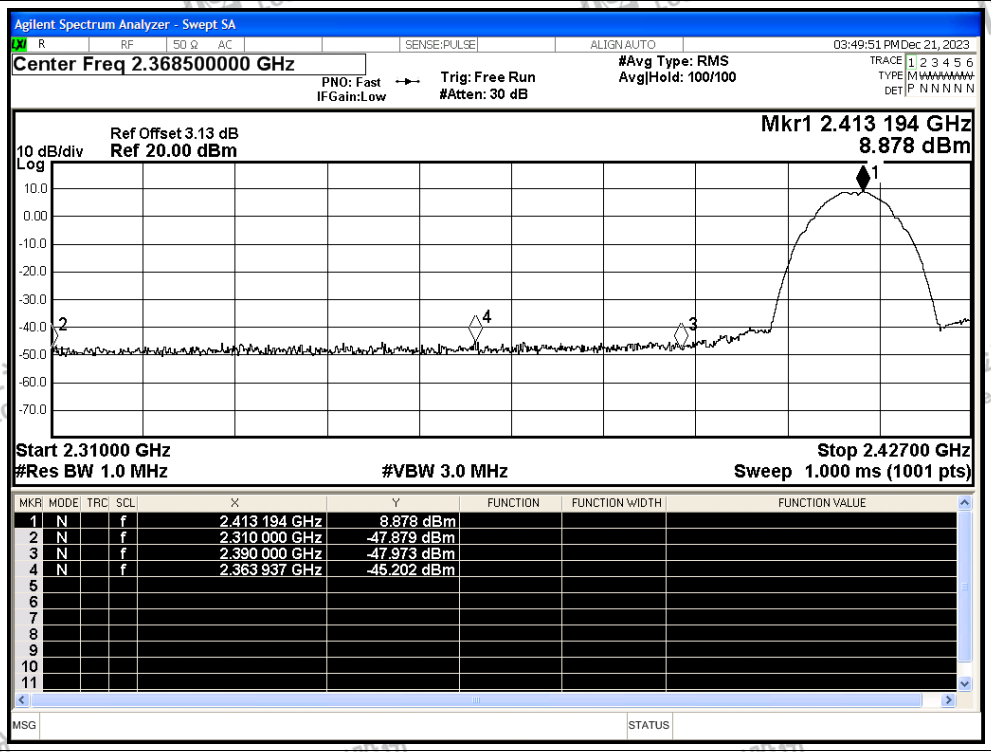
Condition	Mode	Frequency (MHz)	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	b Ant1	2412	2310	-47.88	1.45	48.80	Peak	74	Pass
NVNT	b Ant1	2412	2310	-56.39	1.45	40.29	Average	54	Pass
NVNT	b Ant1	2412	2363.937	-45.2	1.45	51.48	Peak	74	Pass
NVNT	b Ant1	2412	2386.167	-53.62	1.45	43.06	Average	54	Pass
NVNT	b Ant1	2412	2390	-47.97	1.45	48.71	Peak	74	Pass
NVNT	b Ant1	2412	2390	-54.56	1.45	42.12	Average	54	Pass
NVNT	b Ant1	2462	2483.5	-47.01	1.45	49.67	Peak	74	Pass
NVNT	b Ant1	2462	2483.5	-53.69	1.45	42.99	Average	54	Pass
NVNT	b Ant1	2462	2494.647	-42.87	1.45	53.81	Peak	74	Pass
NVNT	b Ant1	2462	2496.82	-53.36	1.45	43.32	Average	54	Pass
NVNT	b Ant1	2462	2500	-45.26	1.45	51.42	Peak	74	Pass
NVNT	b Ant1	2462	2500	-53.41	1.45	43.27	Average	54	Pass
NVNT	g Ant1	2412	2310	-48.39	1.45	48.29	Peak	74	Pass
NVNT	g Ant1	2412	2310	-55.97	1.45	40.71	Average	54	Pass
NVNT	g Ant1	2412	2386.518	-45.02	1.45	51.66	Peak	74	Pass
NVNT	g Ant1	2412	2389.56	-53.39	1.45	43.29	Average	54	Pass
NVNT	g Ant1	2412	2390	-44.88	1.45	51.80	Peak	74	Pass
NVNT	g Ant1	2412	2390	-53.44	1.45	43.24	Average	54	Pass
NVNT	g Ant1	2462	2483.5	-44.7	1.45	51.98	Peak	74	Pass
NVNT	g Ant1	2462	2483.5	-51.57	1.45	45.11	Average	54	Pass
NVNT	g Ant1	2462	2483.676	-41.79	1.45	54.89	Peak	74	Pass
NVNT	g Ant1	2462	2484.047	-51.44	1.45	45.24	Average	54	Pass
NVNT	g Ant1	2462	2500	-44.84	1.45	51.84	Peak	74	Pass
NVNT	g Ant1	2462	2500	-52.06	1.45	44.62	Average	54	Pass
NVNT	n20 MIMO	2412	2310	-49.02	4.46	50.67	Peak	74	Pass
NVNT	n20 MIMO	2412	2310	-56.01	4.46	43.68	Average	54	Pass
NVNT	n20 MIMO	2412	2389.56	-44.77	4.46	54.92	Peak	74	Pass
NVNT	n20 MIMO	2412	2389.794	-53.54	4.46	46.15	Average	54	Pass
NVNT	n20 MIMO	2412	2390	-47.52	4.46	52.17	Peak	74	Pass
NVNT	n20 MIMO	2412	2390	-53.57	4.46	46.12	Average	54	Pass
NVNT	n20 MIMO	2462	2483.5	-46.91	4.46	52.78	Peak	74	Pass
NVNT	n20 MIMO	2462	2483.5	-52.63	4.46	47.06	Average	54	Pass
NVNT	n20 MIMO	2462	2483.941	-40.03	4.46	59.66	Peak	74	Pass
NVNT	n20 MIMO	2462	2483.676	-52.62	4.46	47.07	Average	54	Pass
NVNT	n20 MIMO	2462	2500	-46.57	4.46	53.12	Peak	74	Pass
NVNT	n20 MIMO	2462	2500	-53.35	4.46	46.34	Average	54	Pass
NVNT	n40 MIMO	2422	2310	-48.08	4.46	51.61	Peak	74	Pass

NVNT	n40 MIMO	2422	2310	-56.12	4.46	43.57	Average	54	Pass
NVNT	n40 MIMO	2422	2386.254	-43.26	4.46	56.43	Peak	74	Pass
NVNT	n40 MIMO	2422	2389.662	-53.44	4.46	46.25	Average	54	Pass
NVNT	n40 MIMO	2422	2390	-46.22	4.46	53.47	Peak	74	Pass
NVNT	n40 MIMO	2422	2390	-53.6	4.46	46.09	Average	54	Pass
NVNT	n40 MIMO	2452	2483.5	-44.3	4.46	55.39	Peak	74	Pass
NVNT	n40 MIMO	2452	2483.5	-52.33	4.46	47.36	Average	54	Pass
NVNT	n40 MIMO	2452	2483.932	-38.84	4.46	60.85	Peak	74	Pass
NVNT	n40 MIMO	2452	2484.478	-51.78	4.46	47.91	Average	54	Pass
NVNT	n40 MIMO	2452	2500	-46.45	4.46	53.24	Peak	74	Pass
NVNT	n40 MIMO	2452	2500	-53.09	4.46	46.60	Average	54	Pass

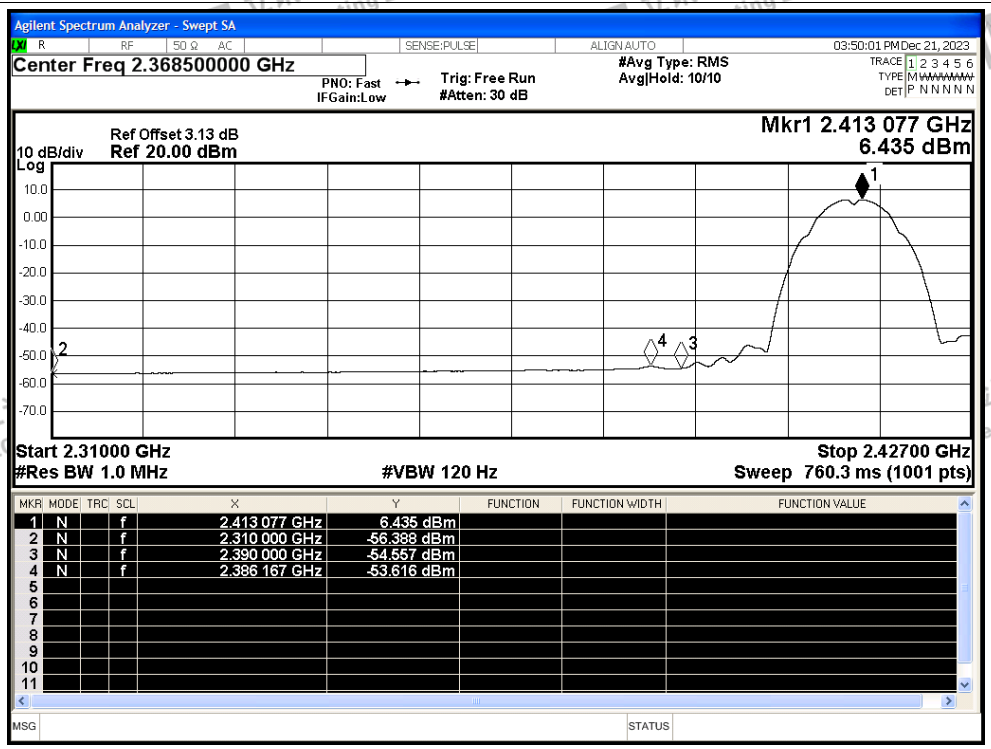
Note: 802.11b/g mode, only show the worst set of antenna data.

Test Graphs

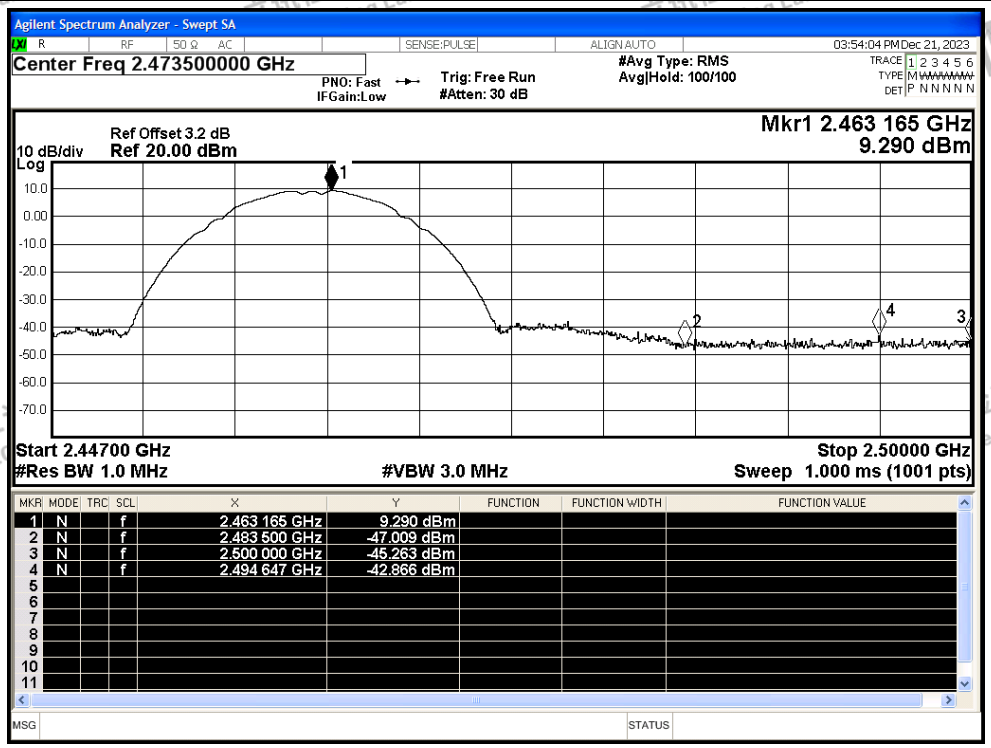
Restrict Band NVNT b 2412MHz Ant1 Peak



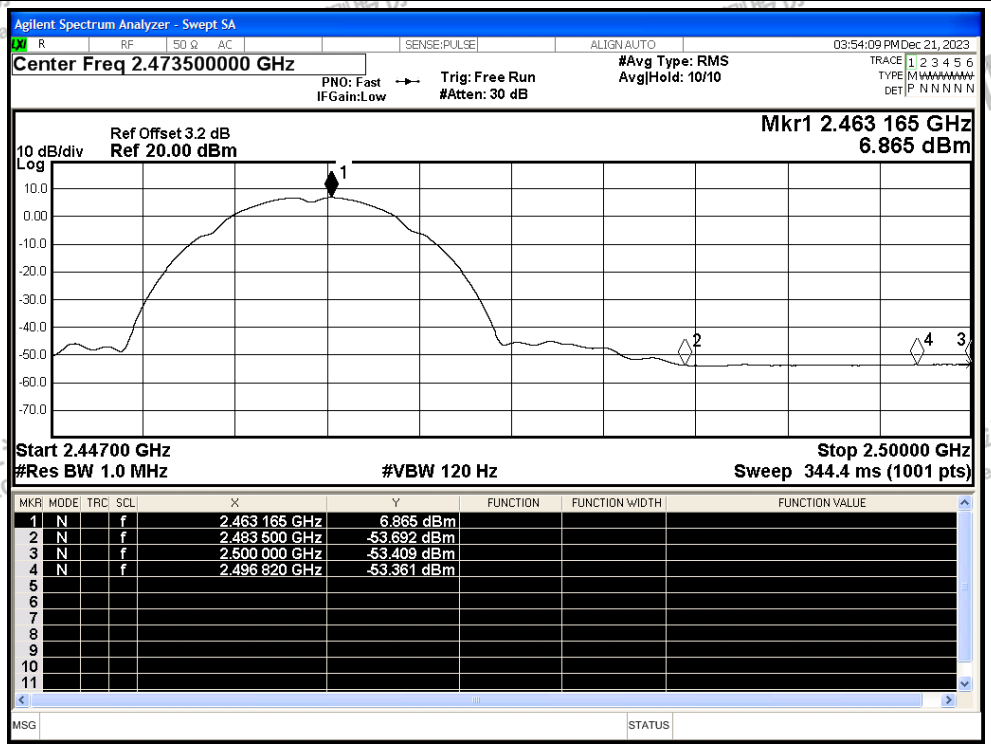
Restrict Band NVNT b 2412MHz Ant1 Average



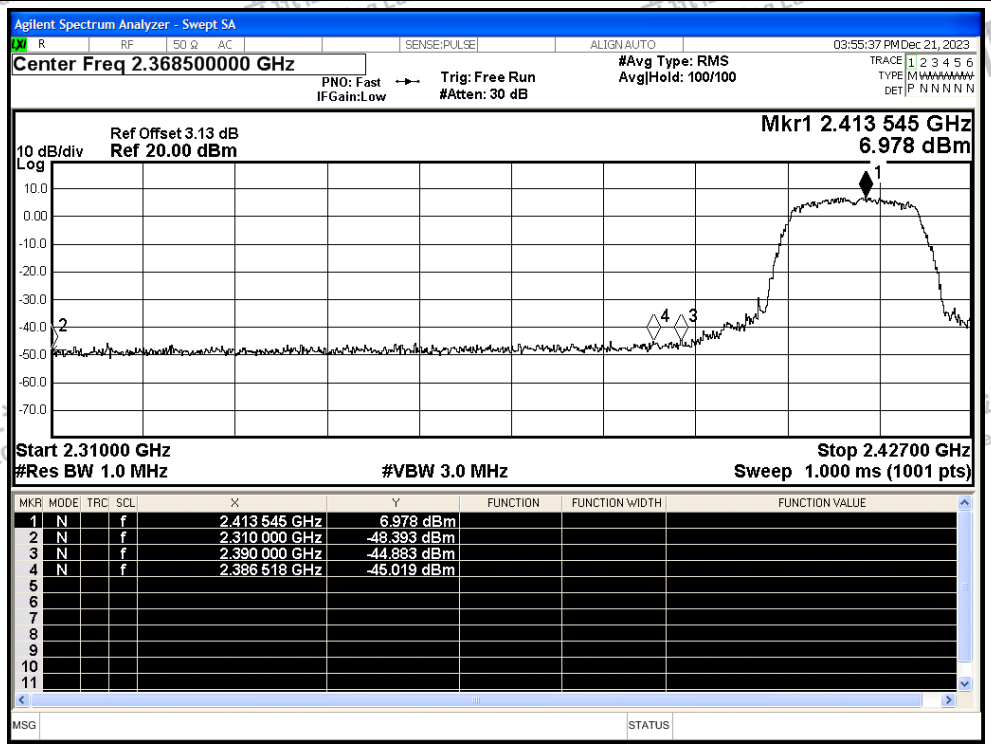
Restrict Band NVNT b 2462MHz Ant1 Peak



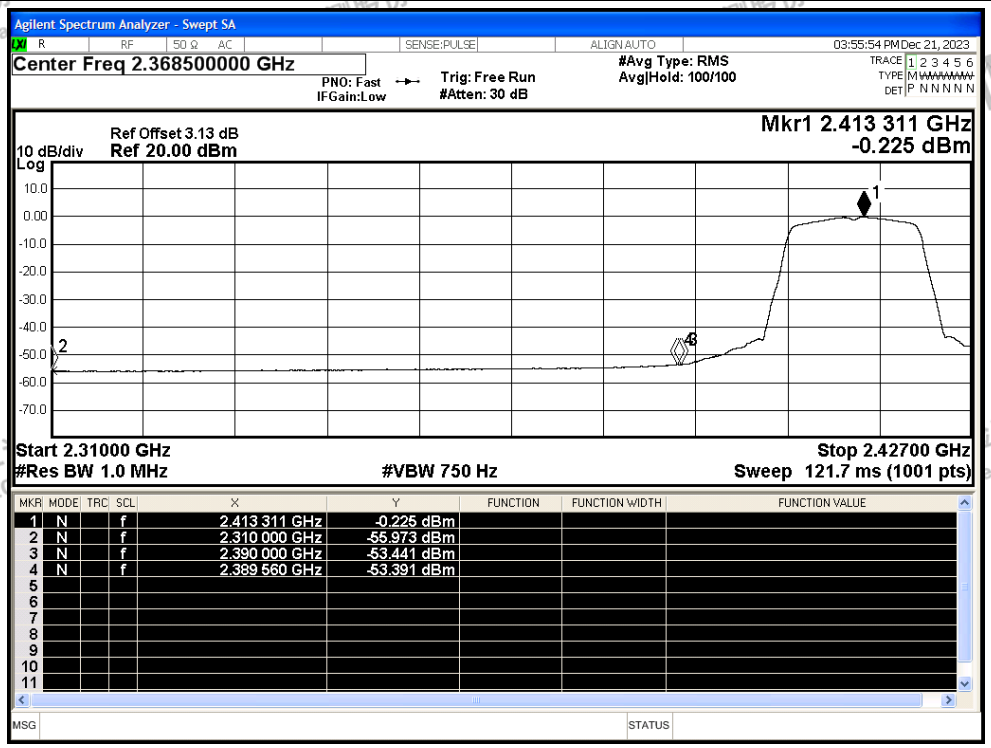
Restrict Band NVNT b 2462MHz Ant1 Average



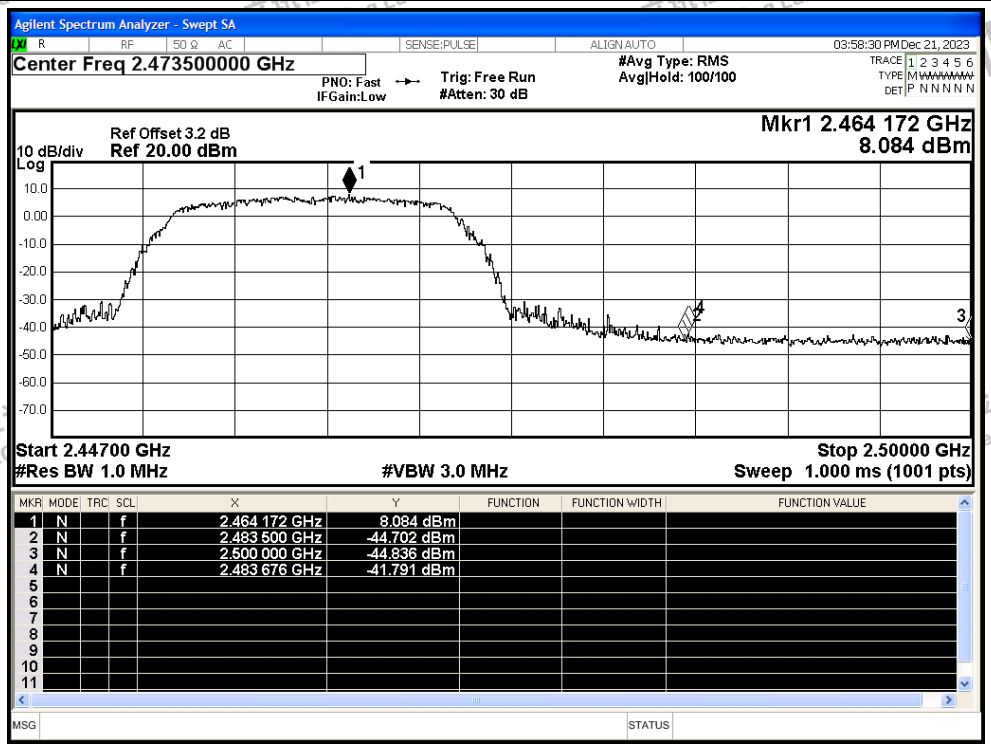
Restrict Band NVNT g 2412MHz Ant1 Peak



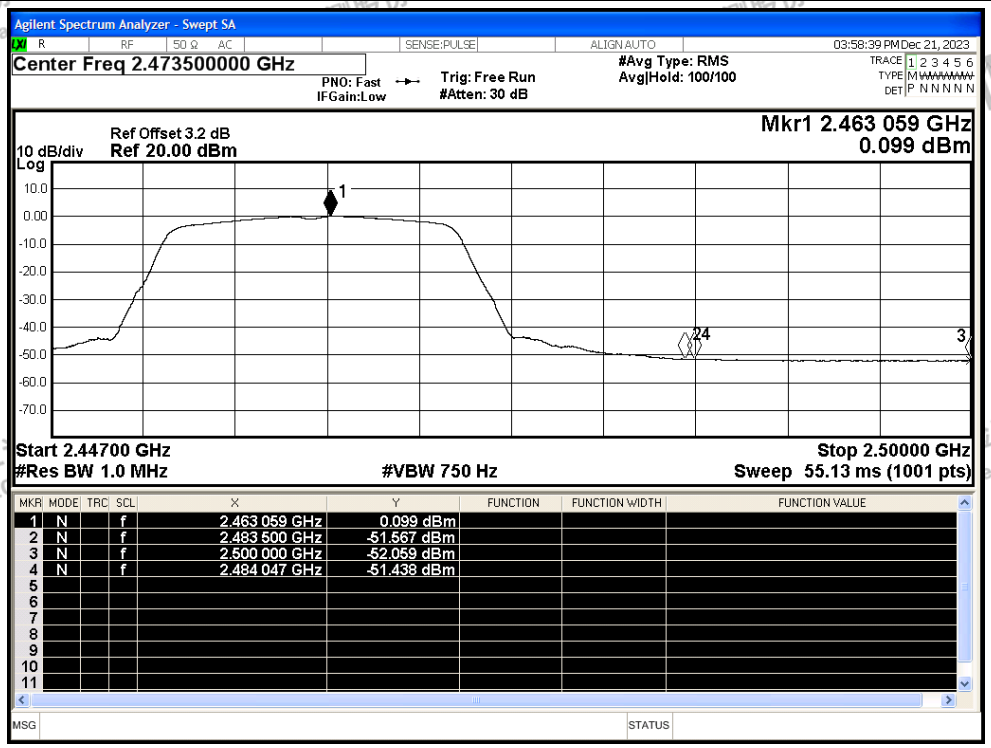
Restrict Band NVNT g 2412MHz Ant1 Average



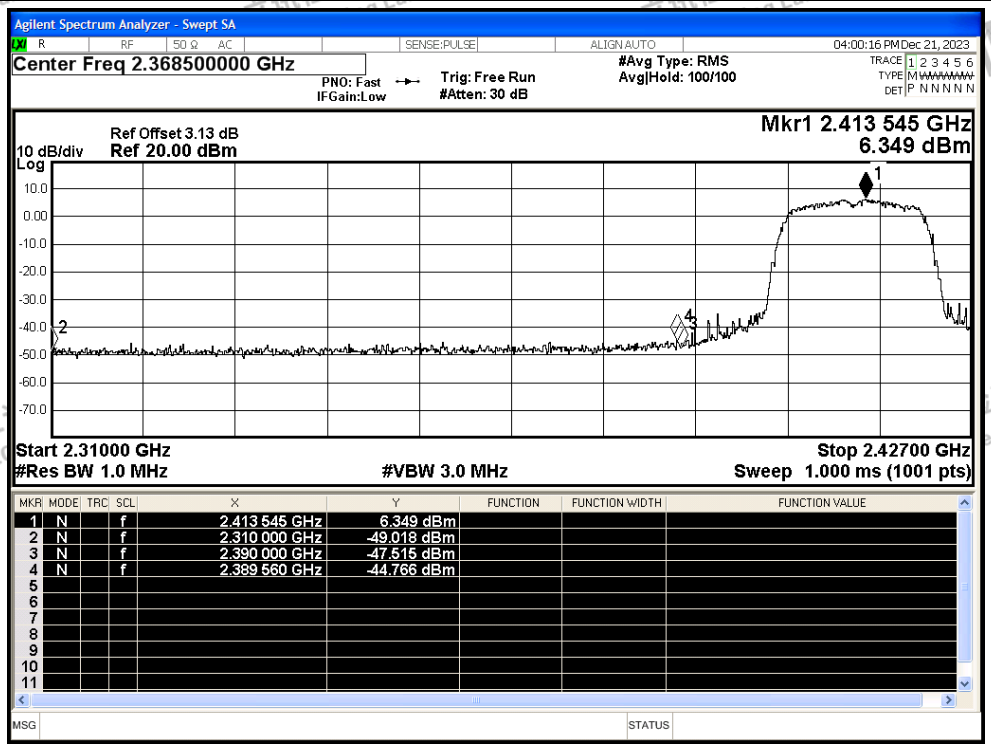
Restrict Band NVNT g 2462MHz Ant1 Peak



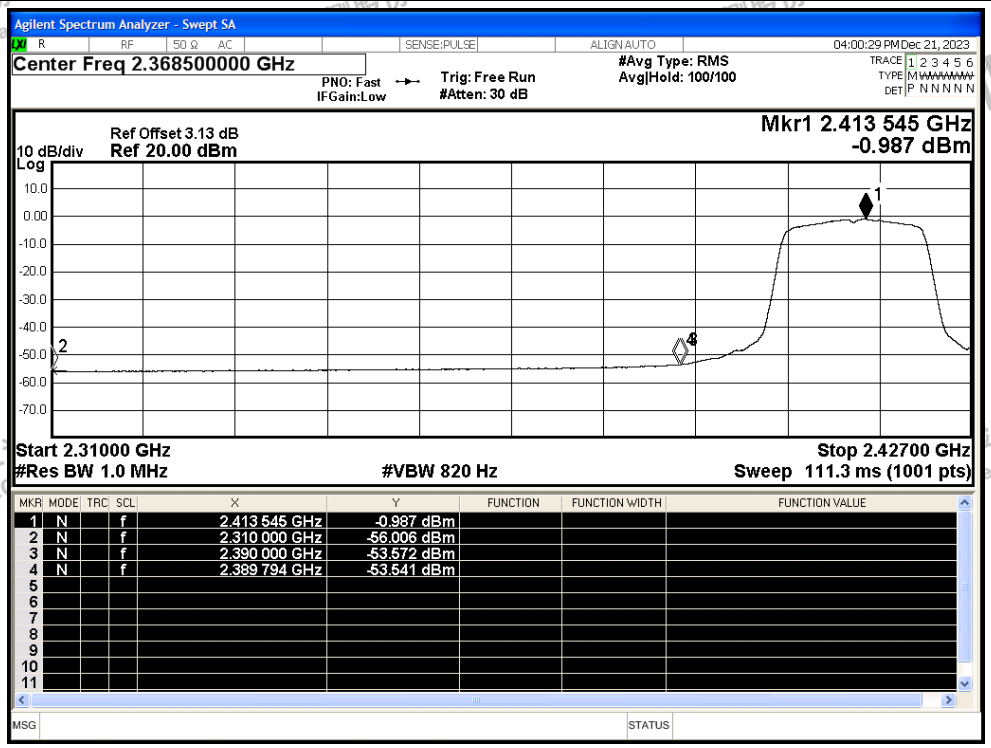
Restrict Band NVNT g 2462MHz Ant1 Average



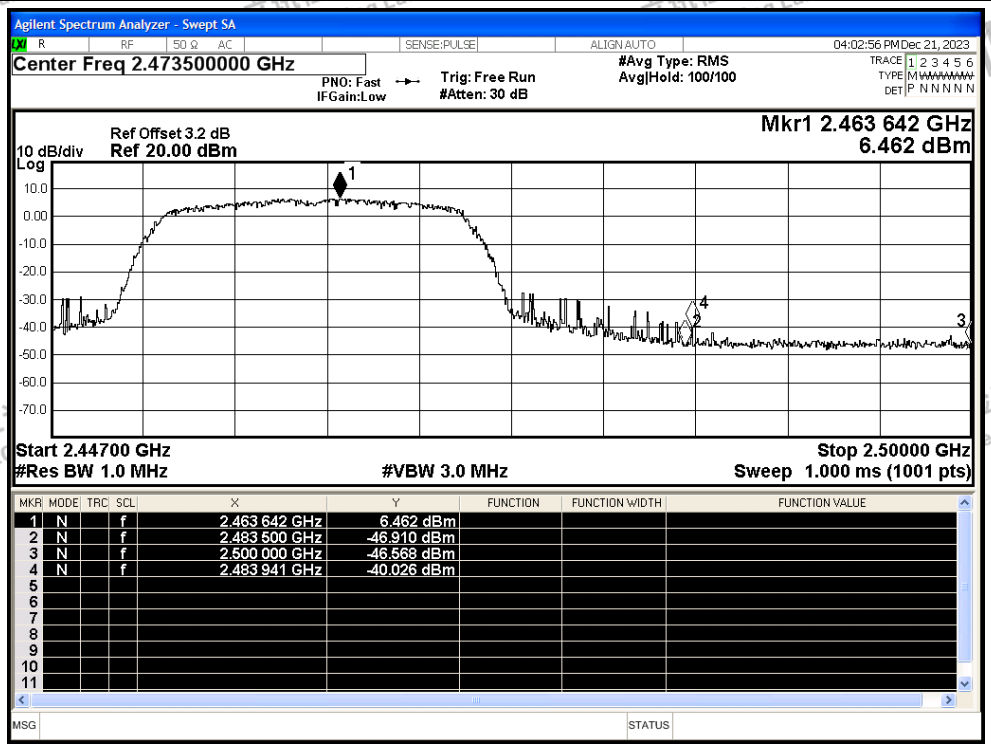
Restrict Band NVNT n20 2412MHz MIMO Peak



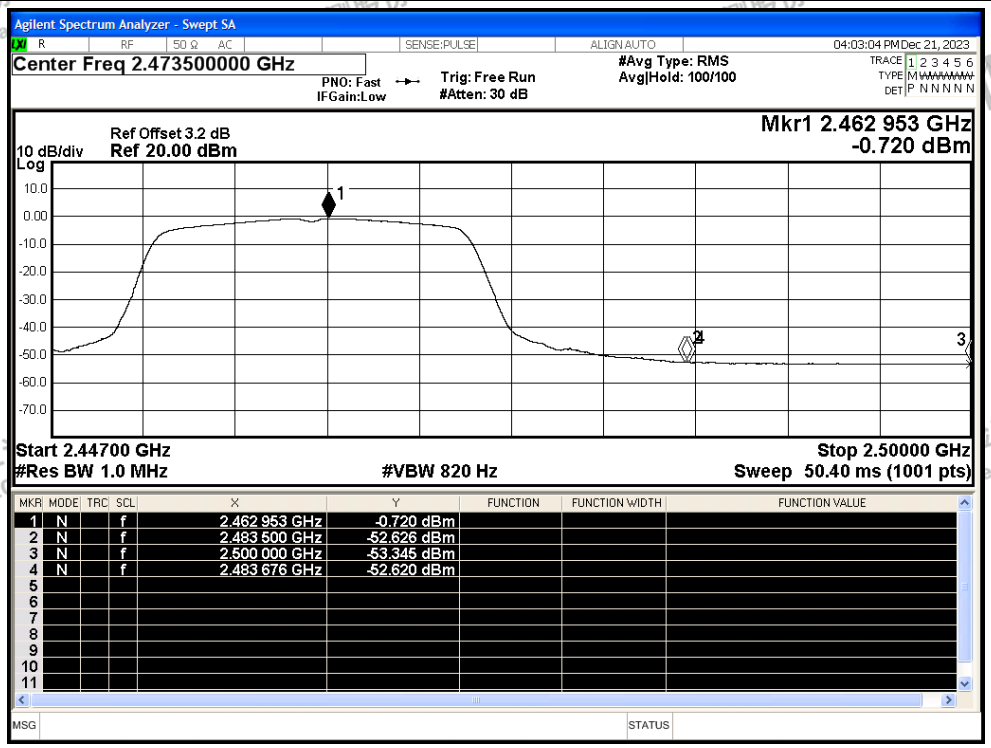
Restrict Band NVNT n20 2412MHz MIMO Average



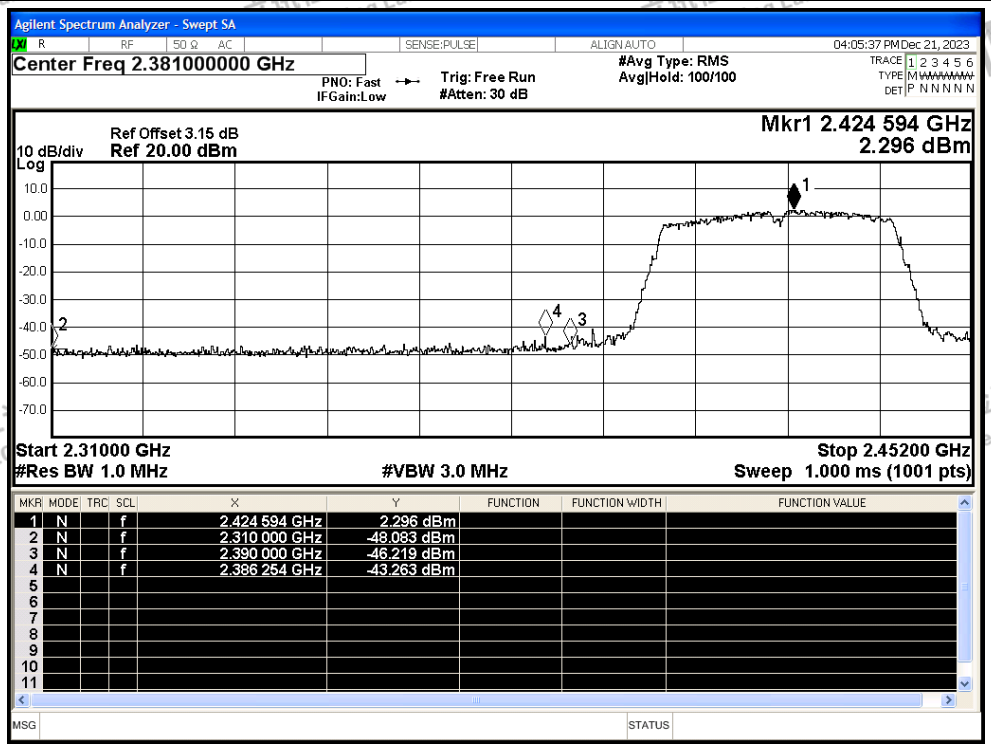
Restrict Band NVNT n20 2462MHz MIMO Peak



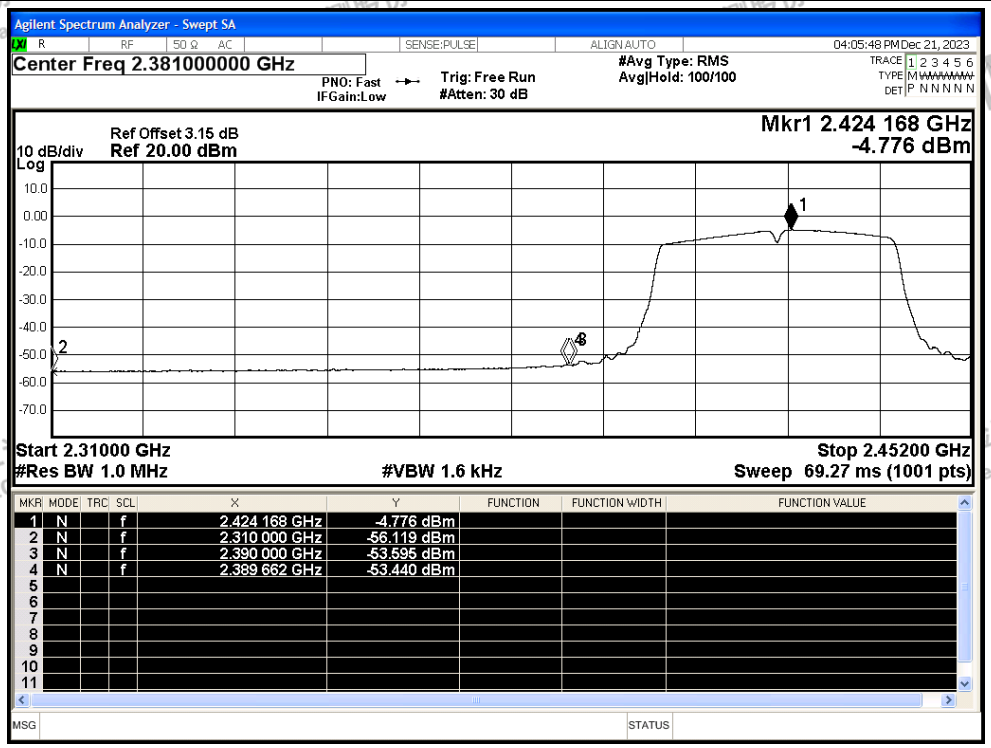
Restrict Band NVNT n20 2462MHz MIMO Average



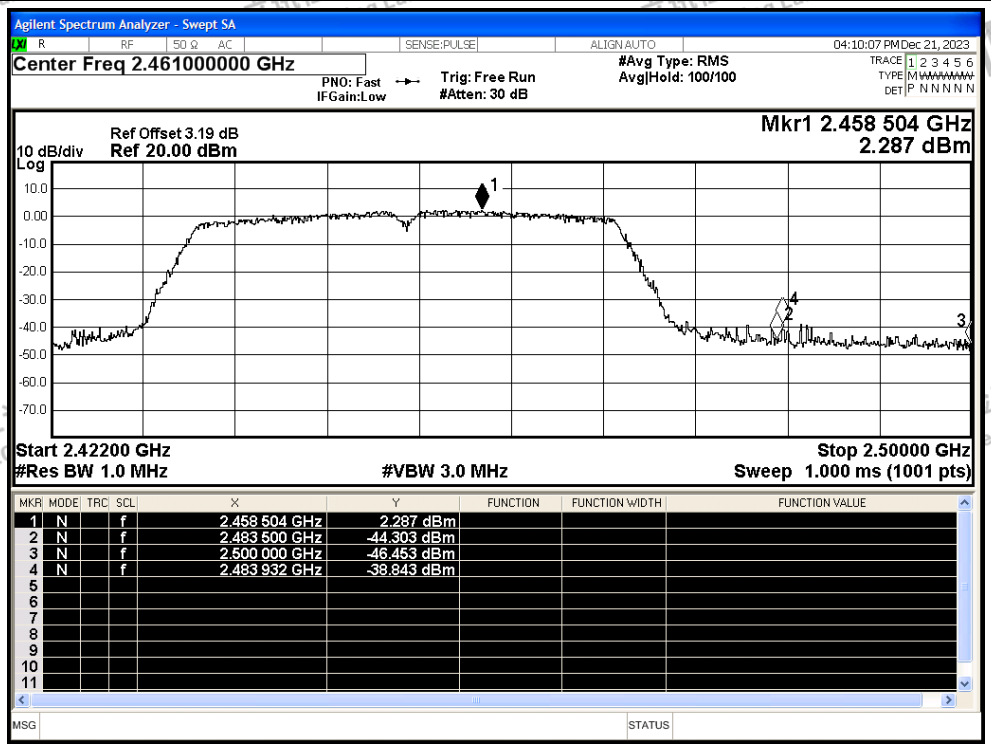
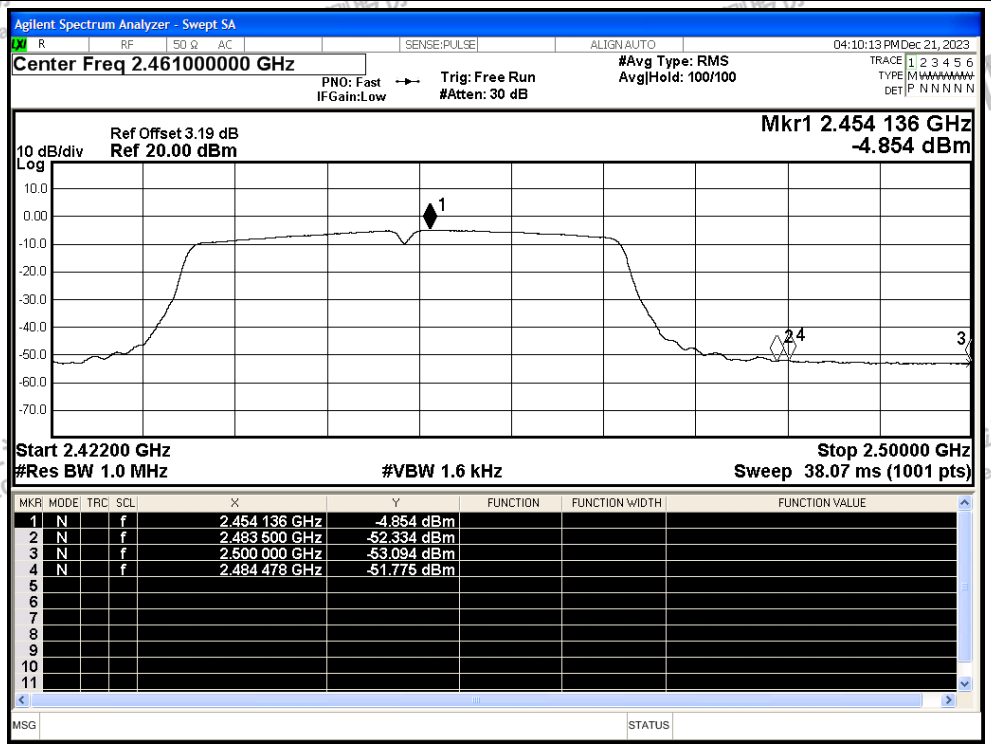
Restrict Band NVNT n40 2422MHz MIMO Peak



Restrict Band NVNT n40 2422MHz MIMO Average



Restrict Band NVNT n40 2452MHz MIMO Peak



Restrict Band NVNT n40 2452MHz MIMO Average