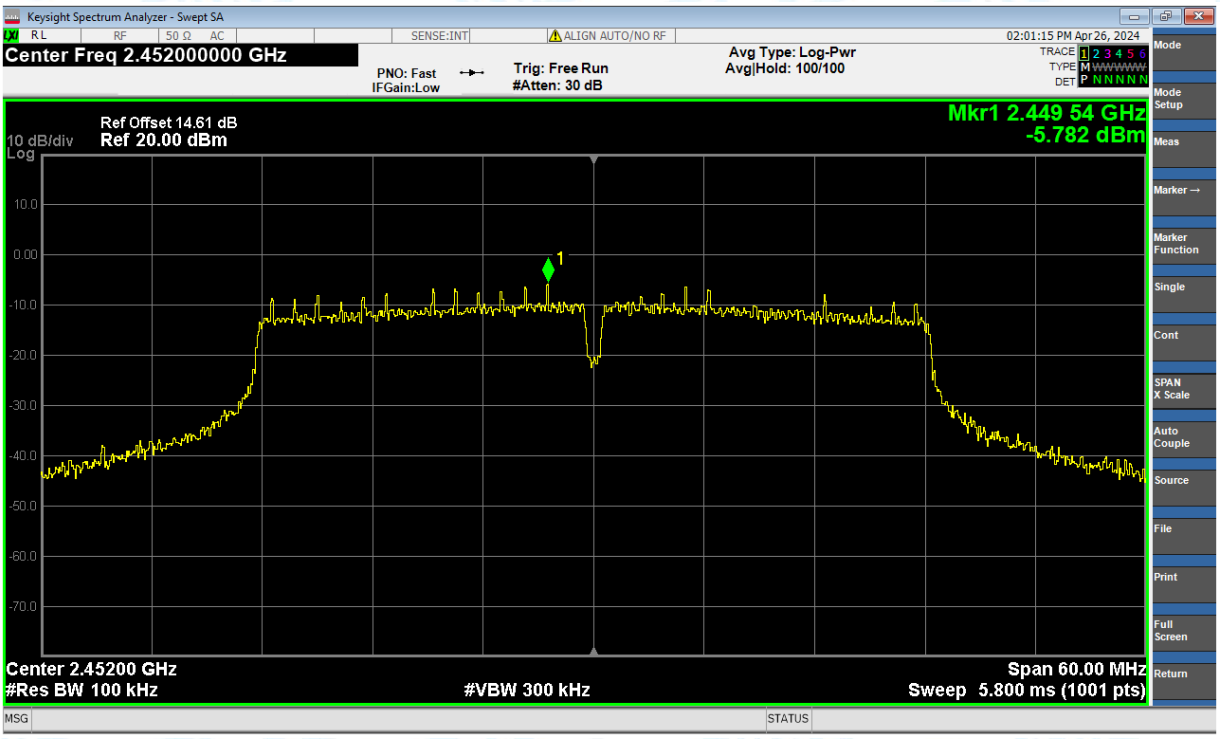
Band Edge NVNT n(HT40) 2452MHz Ant1 Ref



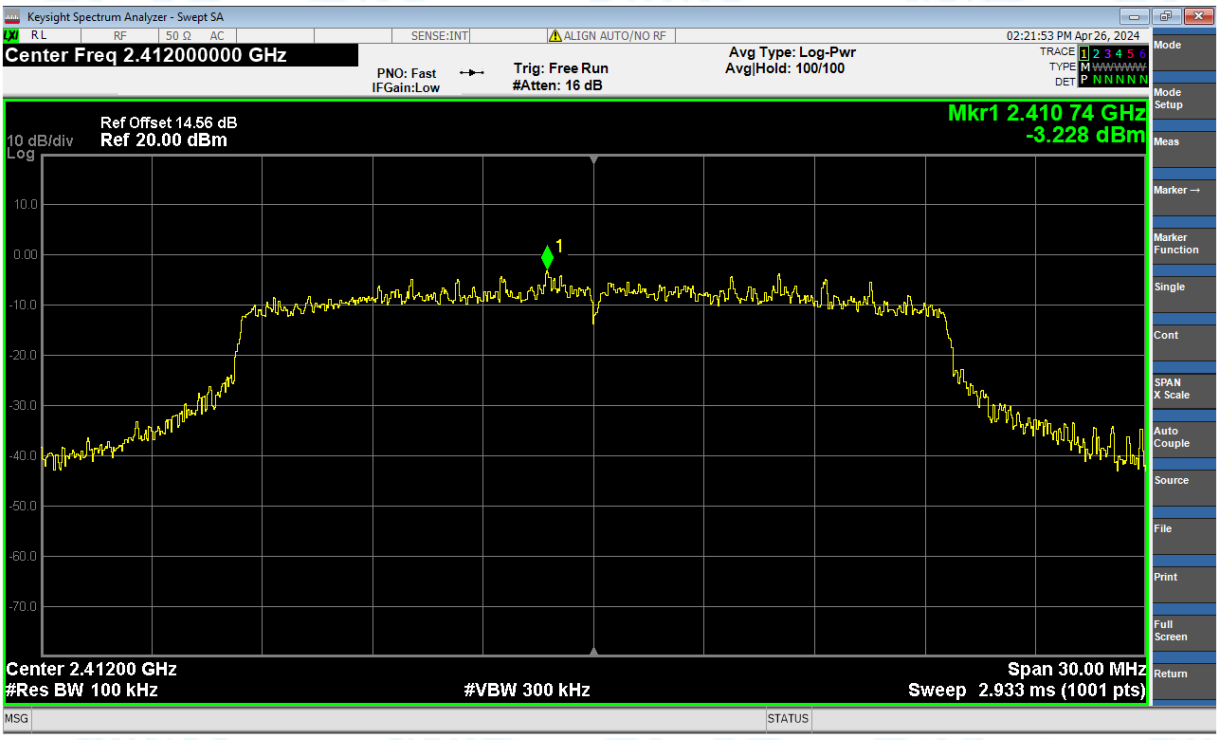
Band Edge NVNT n(HT40) 2452MHz Ant1 Emission

7. Conducted RF Spurious Emission

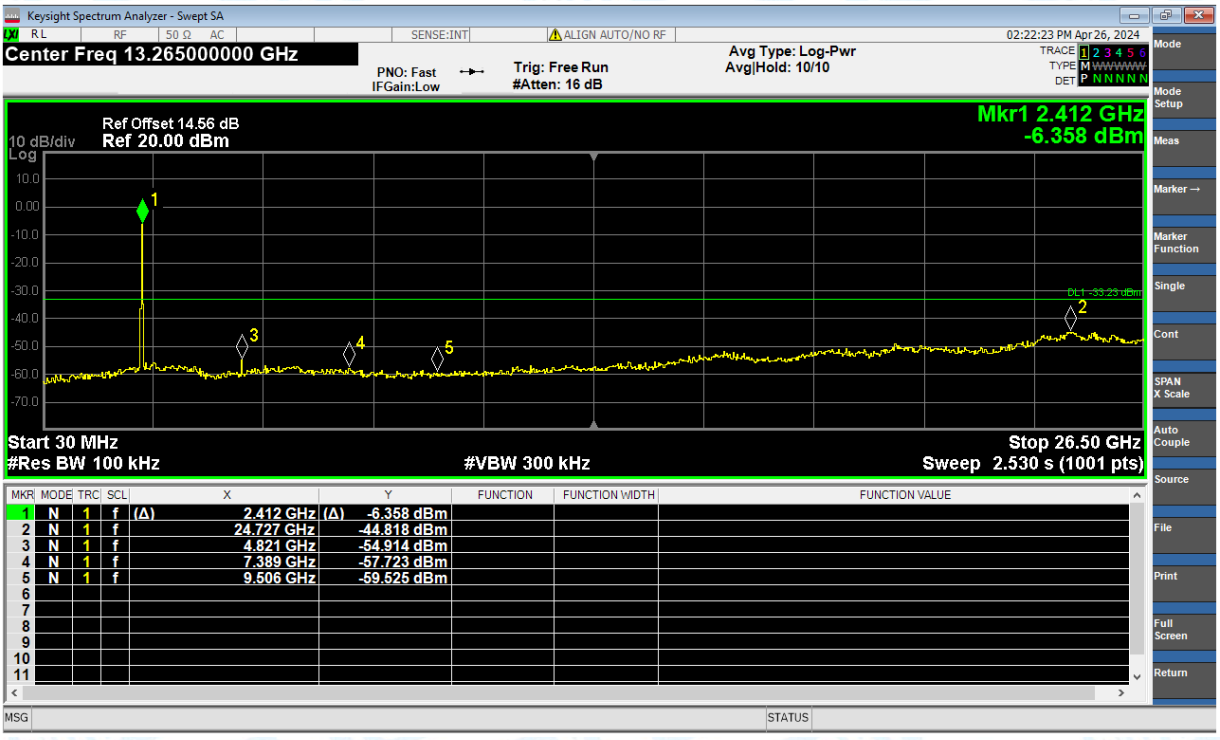
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ax(VHT20)	2412	Ant1	-41.59	-30	Pass
NVNT	ax(VHT20)	2437	Ant1	-40.02	-30	Pass
NVNT	ax(VHT20)	2462	Ant1	-40.6	-30	Pass
NVNT	ax(VHT40)	2422	Ant1	-37.72	-30	Pass
NVNT	ax(VHT40)	2437	Ant1	-37.88	-30	Pass
NVNT	ax(VHT40)	2452	Ant1	-38.32	-30	Pass
NVNT	b	2412	Ant1	-43.02	-30	Pass
NVNT	b	2437	Ant1	-42.56	-30	Pass
NVNT	b	2462	Ant1	-43.72	-30	Pass
NVNT	g	2412	Ant1	-40.46	-30	Pass
NVNT	g	2437	Ant1	-41.09	-30	Pass
NVNT	g	2462	Ant1	-40.68	-30	Pass
NVNT	n(HT20)	2412	Ant1	-41.12	-30	Pass
NVNT	n(HT20)	2437	Ant1	-40.96	-30	Pass
NVNT	n(HT20)	2462	Ant1	-40.02	-30	Pass
NVNT	n(HT40)	2422	Ant1	-37.74	-30	Pass
NVNT	n(HT40)	2437	Ant1	-38.11	-30	Pass
NVNT	n(HT40)	2452	Ant1	-36.81	-30	Pass

Test Graphs

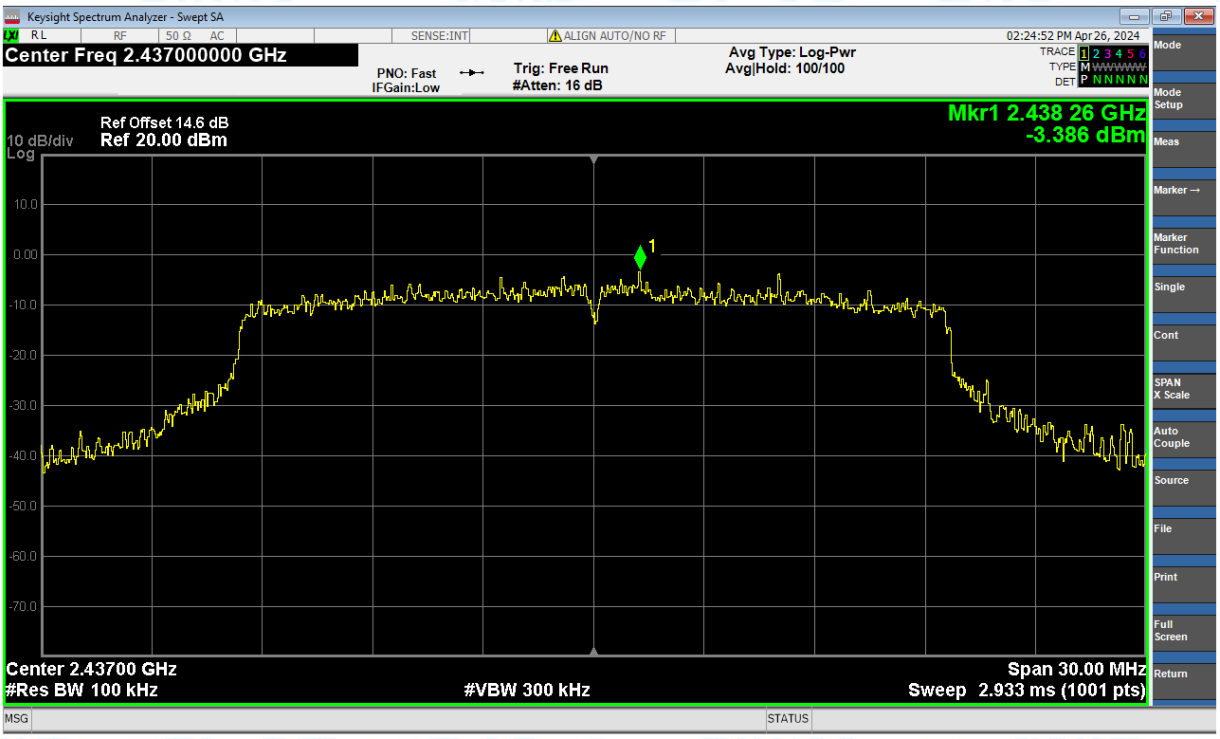
Tx. Spurious NVNT ax(VHT20) 2412MHz Ant1 Ref



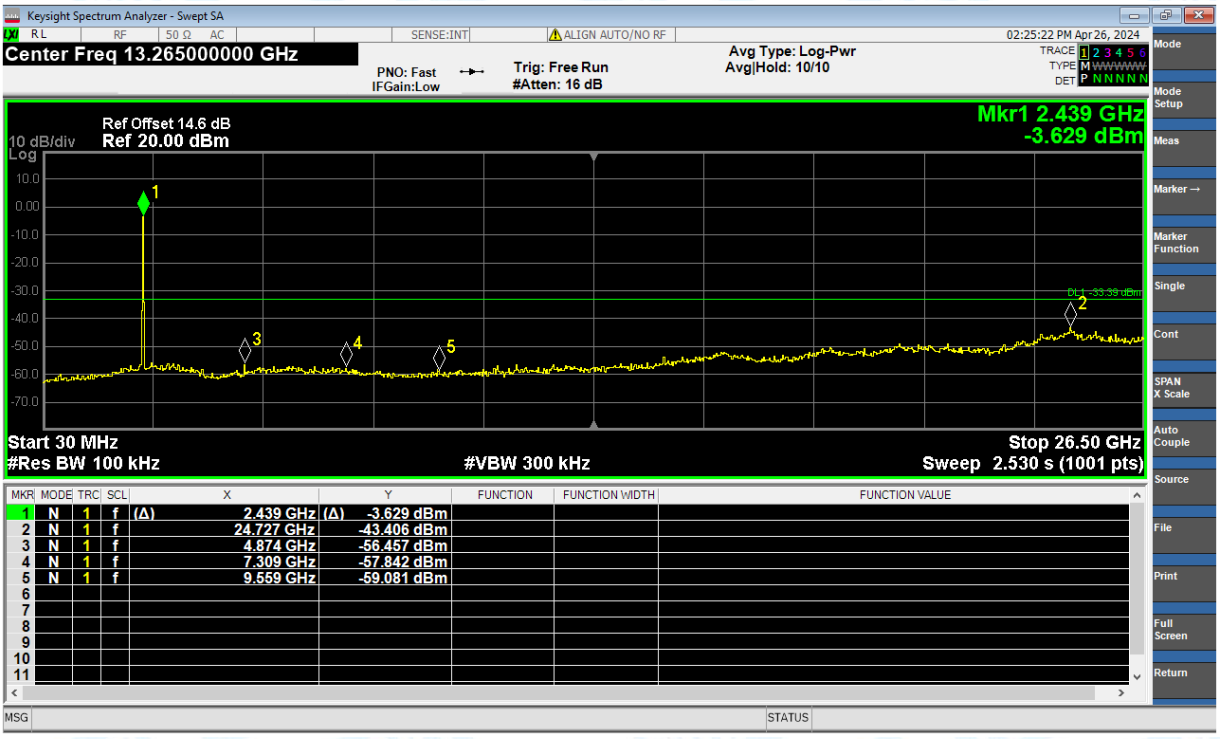
Tx. Spurious NVNT ax(VHT20) 2412MHz Ant1 Emission



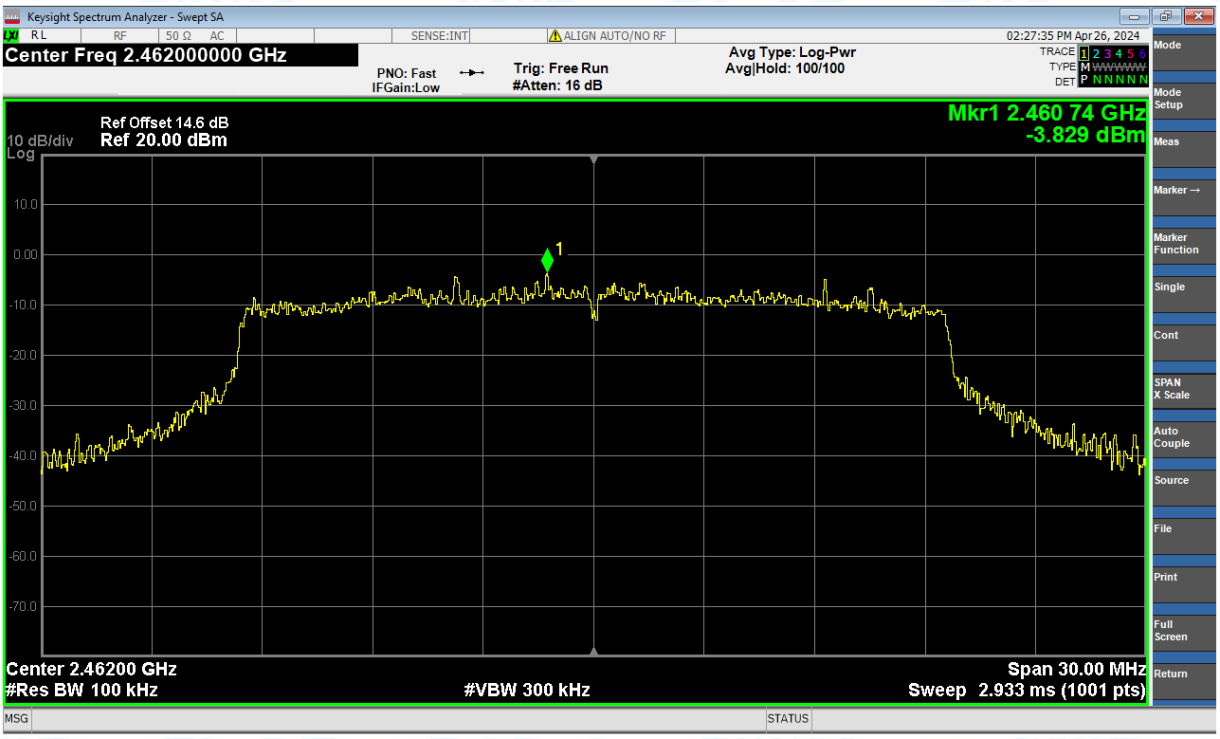
Tx. Spurious NVNT ax(VHT20) 2437MHz Ant1 Ref



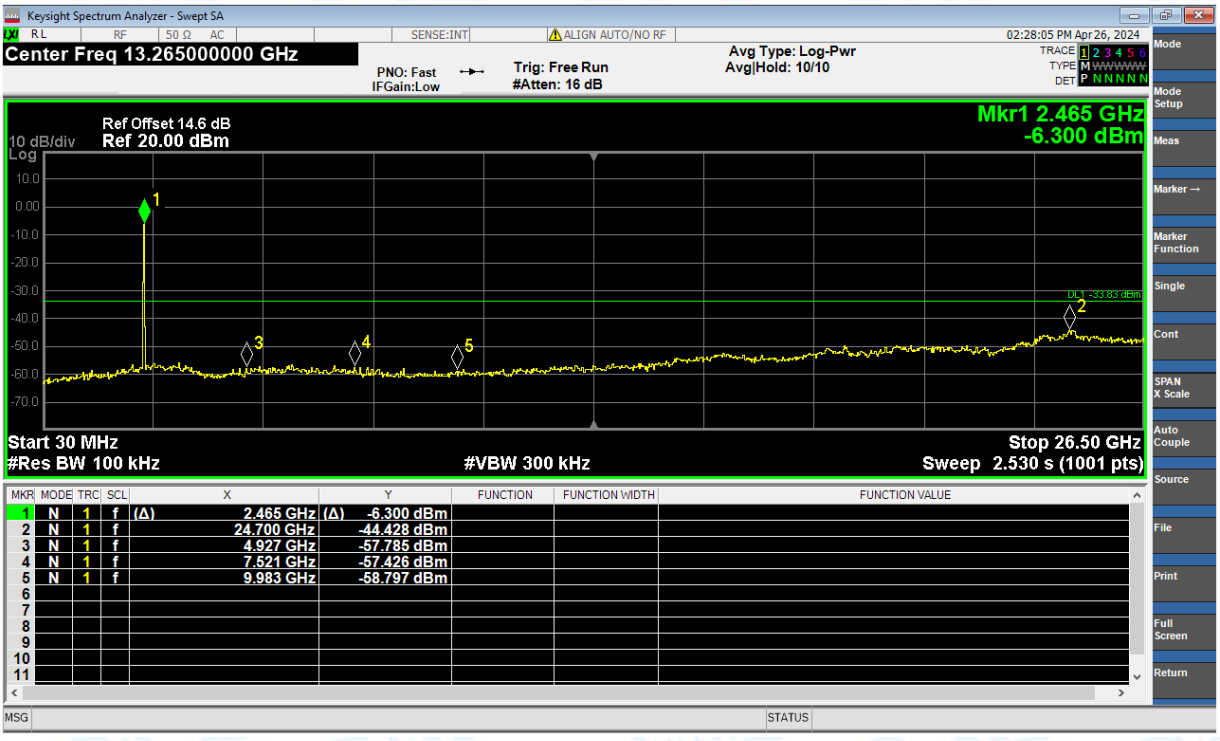
Tx. Spurious NVNT ax(VHT20) 2437MHz Ant1 Emission



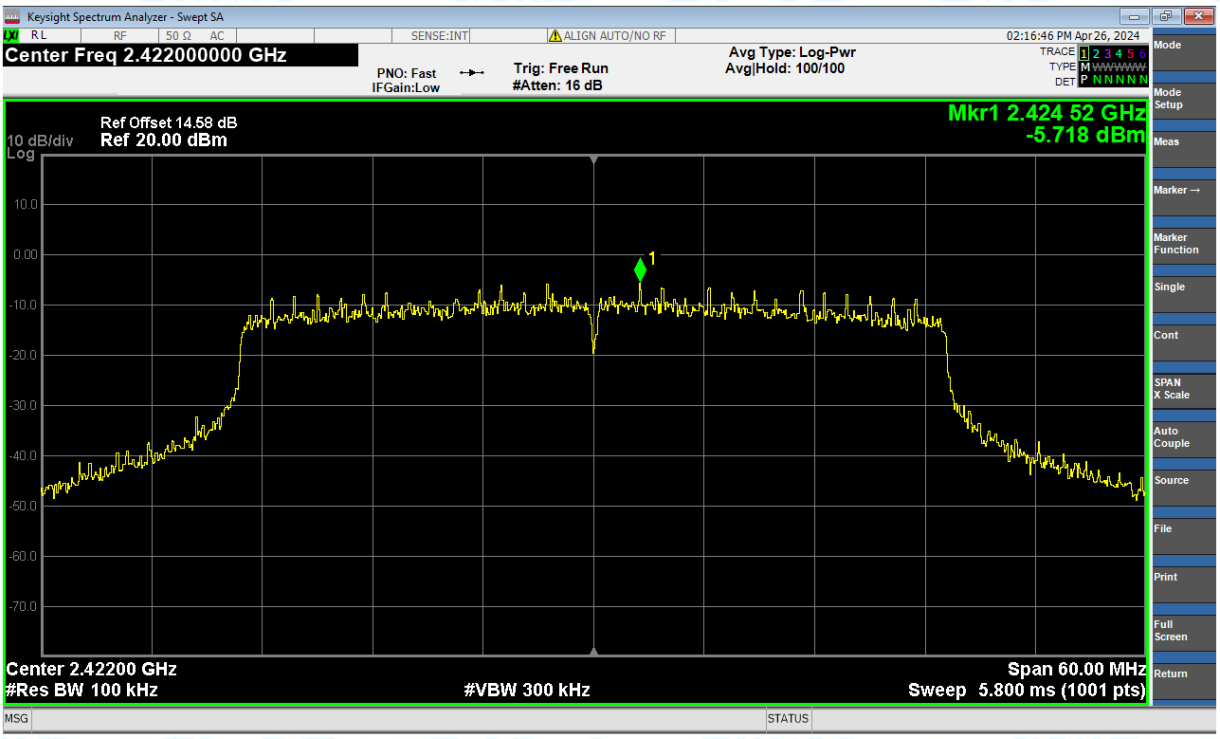
Tx. Spurious NVNT ax(VHT20) 2462MHz Ant1 Ref



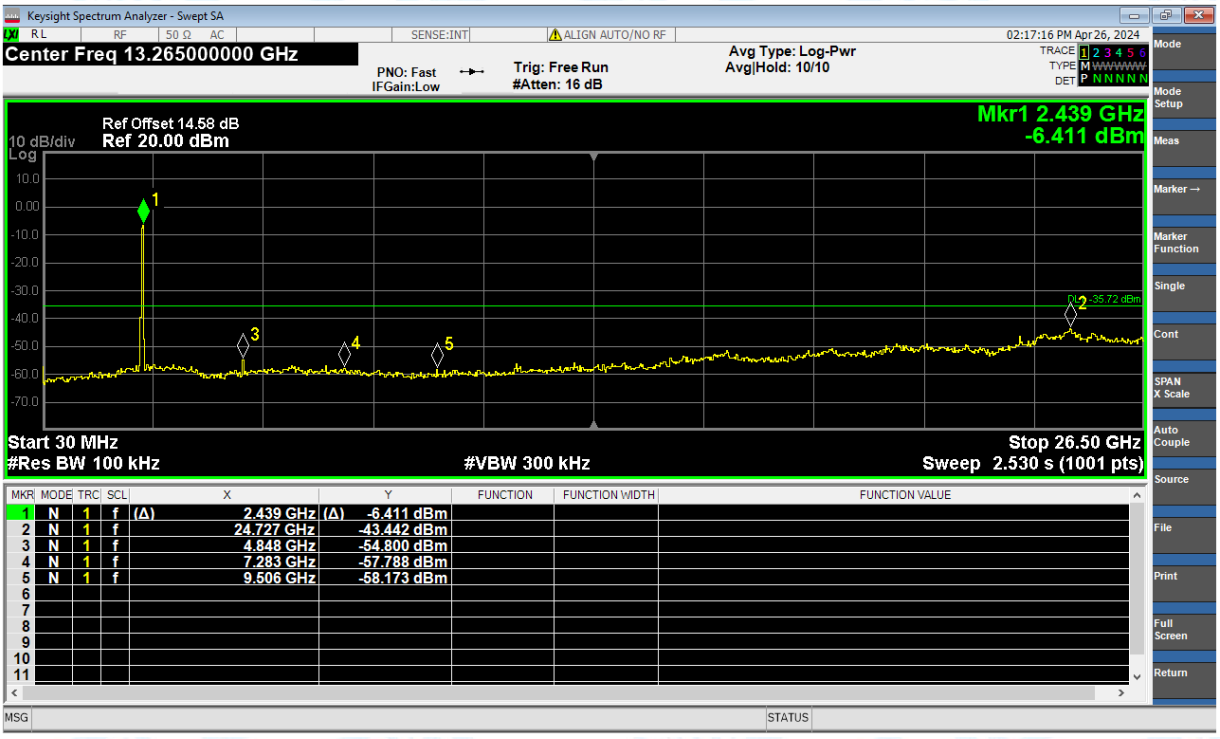
Tx. Spurious NVNT ax(VHT20) 2462MHz Ant1 Emission



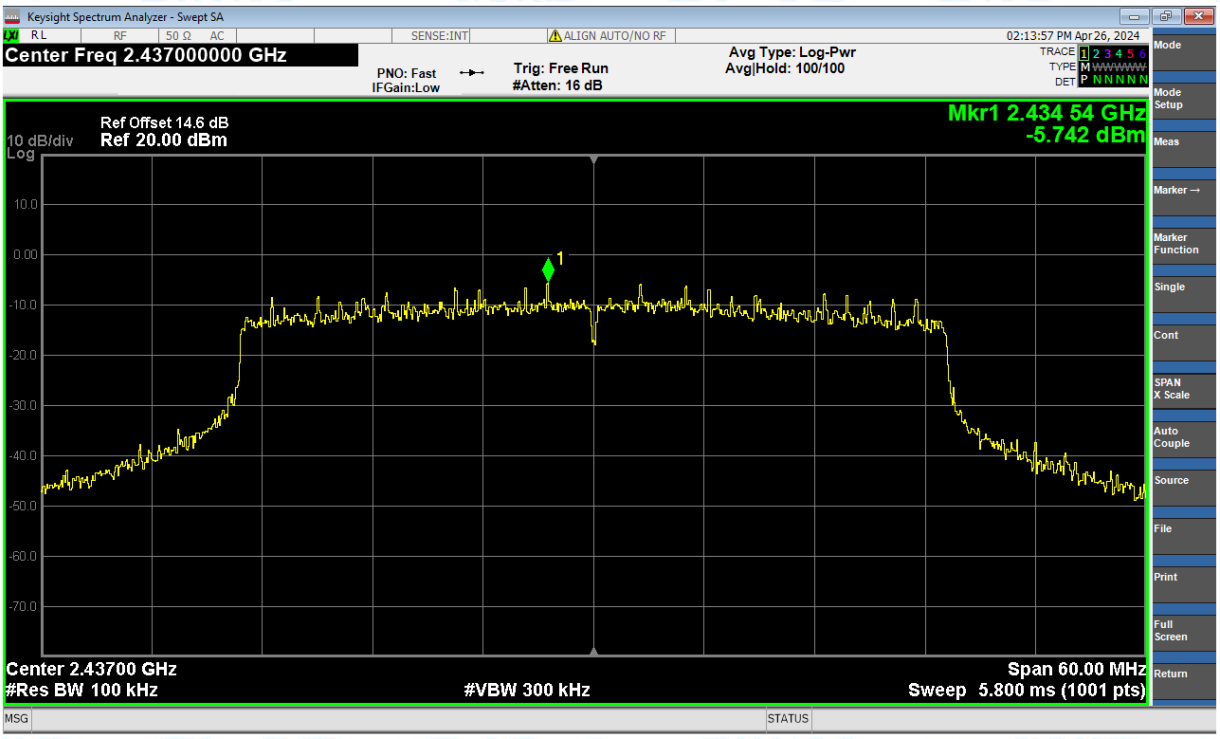
Tx. Spurious NVNT ax(VHT40) 2422MHz Ant1 Ref



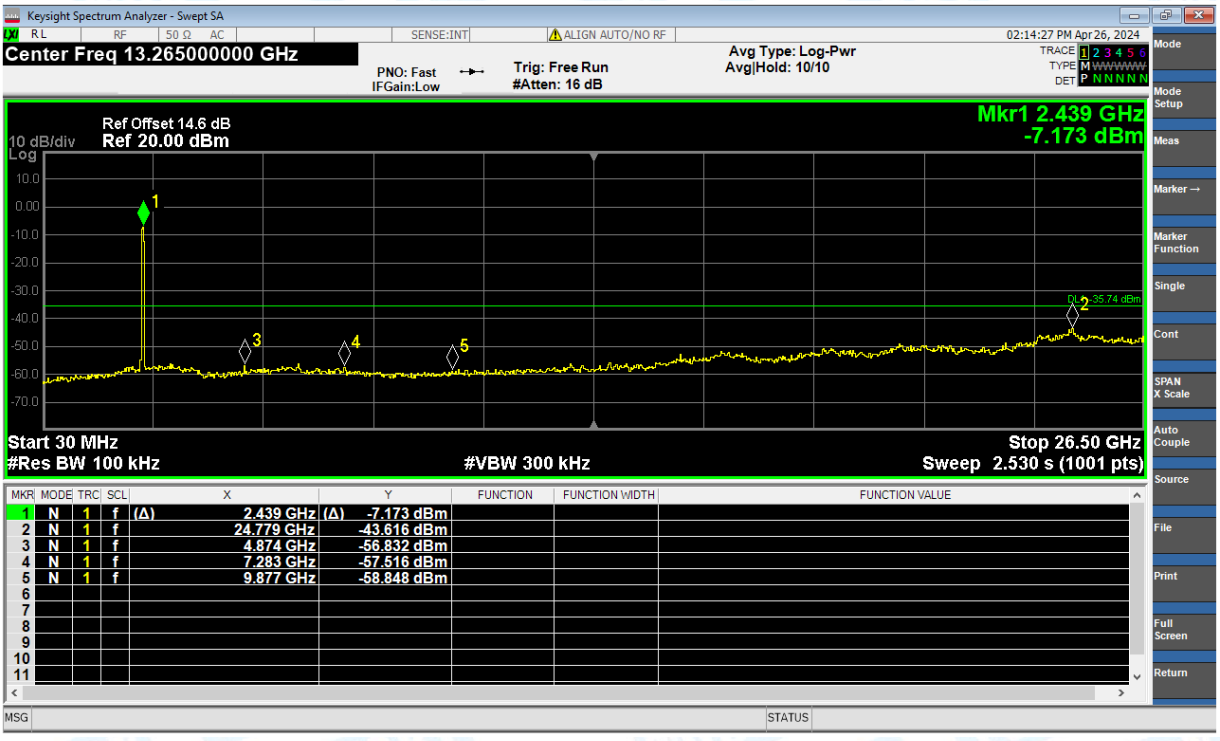
Tx. Spurious NVNT ax(VHT40) 2422MHz Ant1 Emission



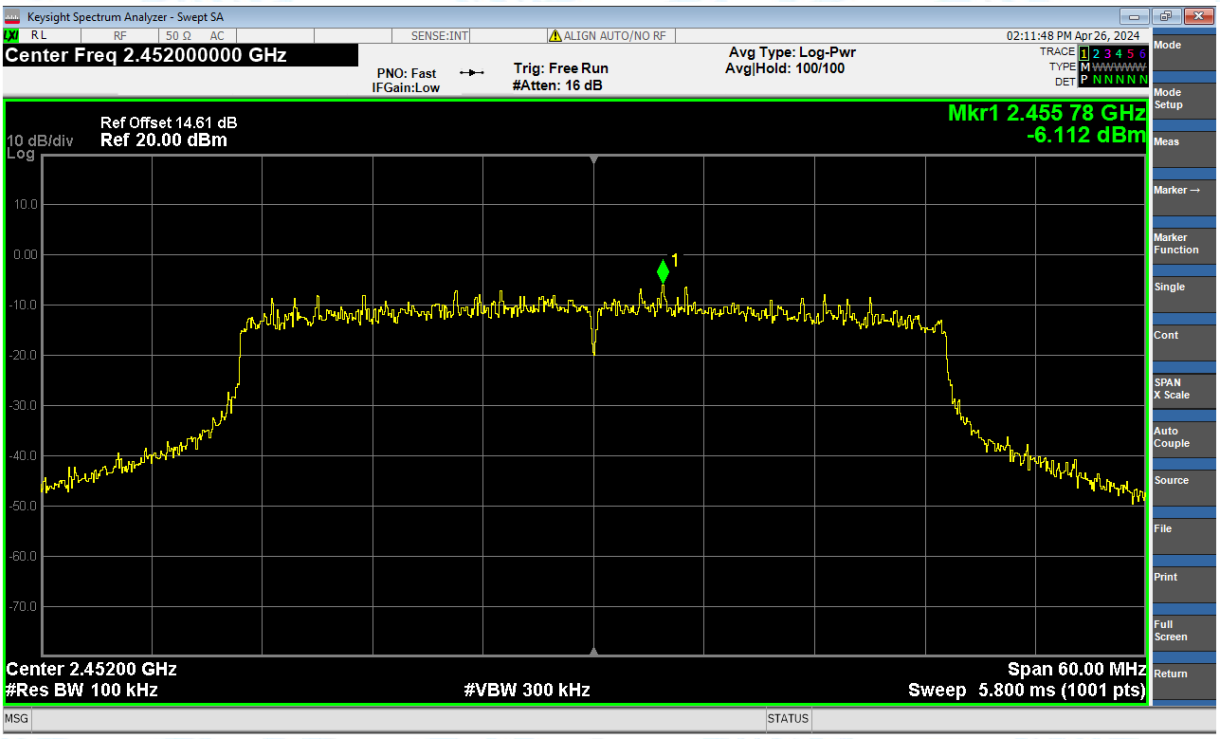
Tx. Spurious NVNT ax(VHT40) 2437MHz Ant1 Ref



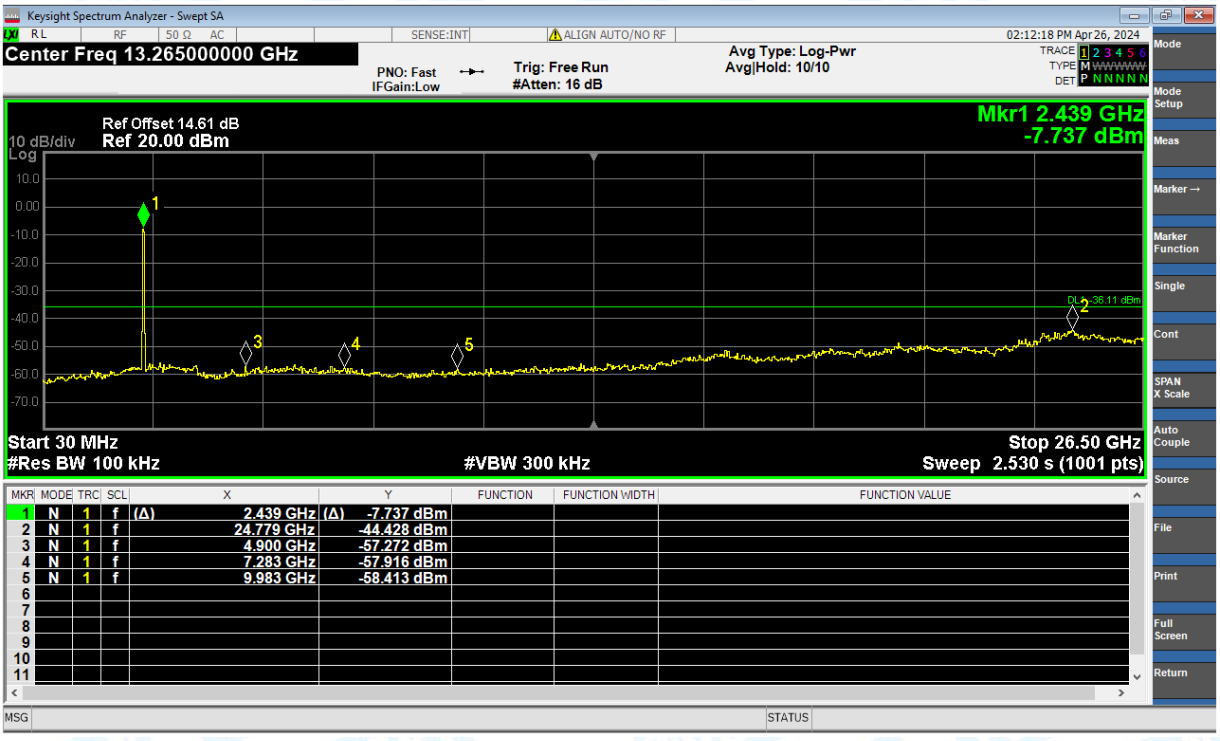
Tx. Spurious NVNT ax(VHT40) 2437MHz Ant1 Emission



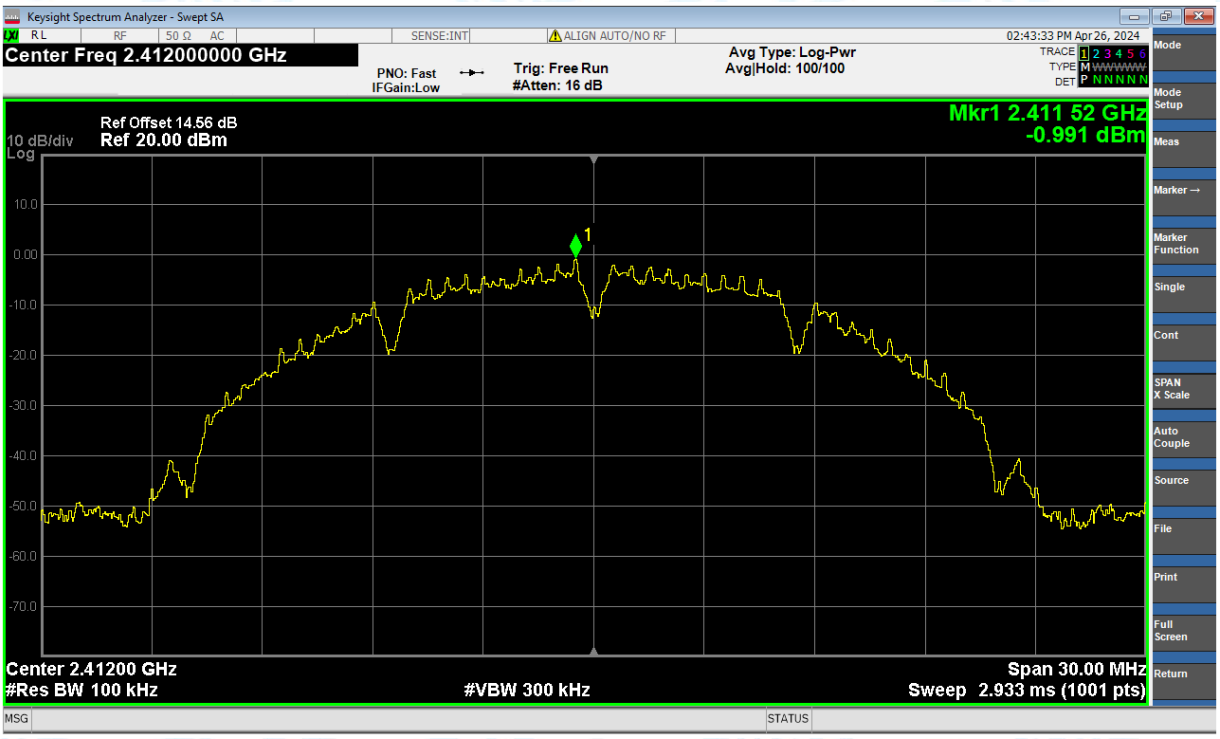
Tx. Spurious NVNT ax(VHT40) 2452MHz Ant1 Ref



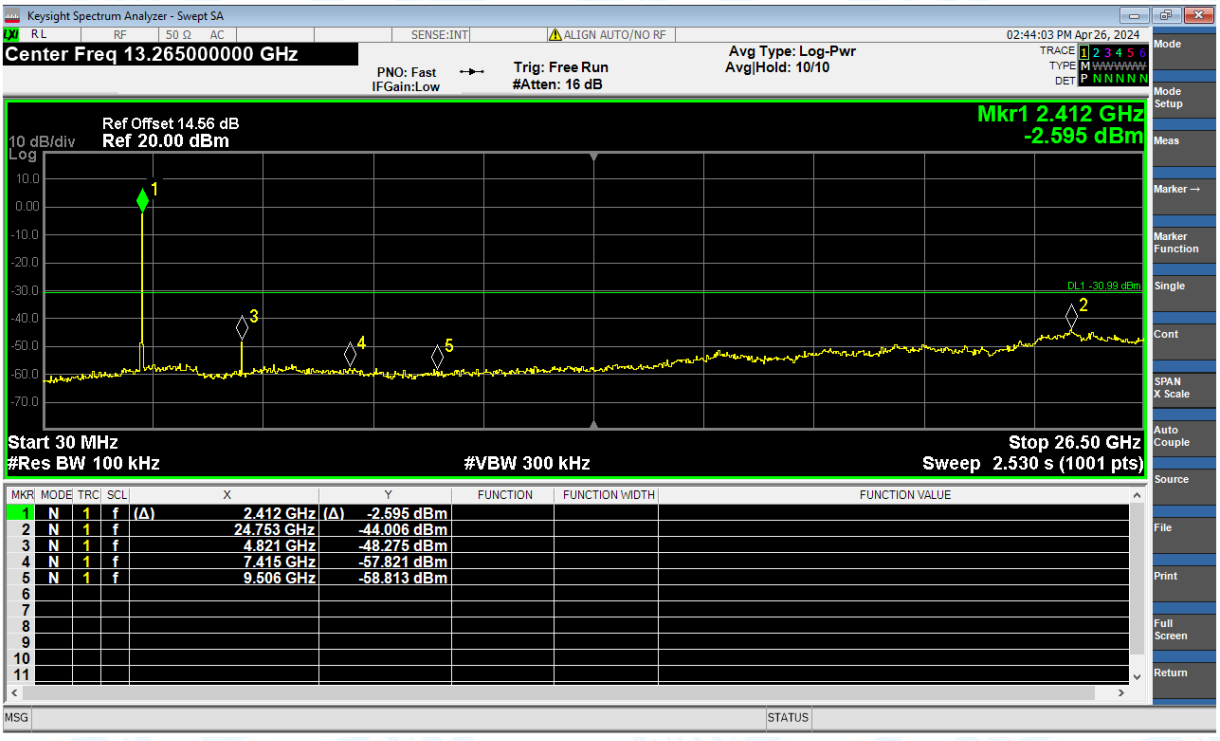
Tx. Spurious NVNT ax(VHT40) 2452MHz Ant1 Emission



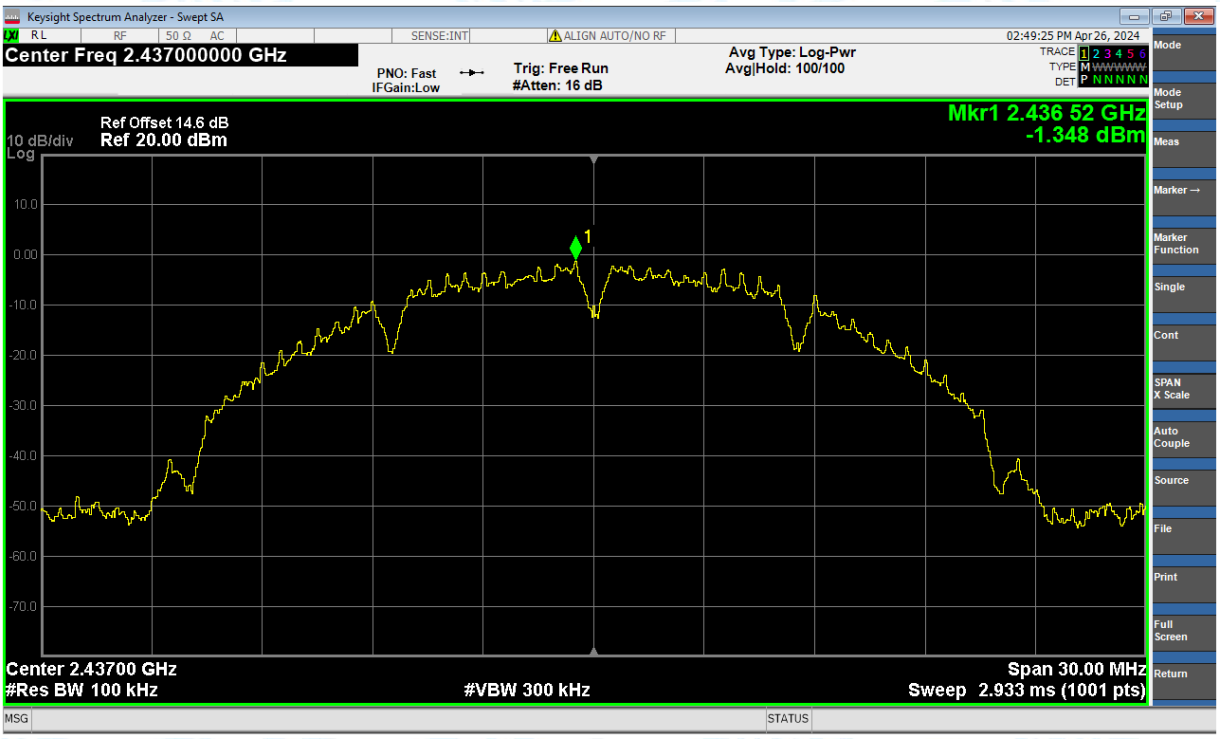
Tx. Spurious NVNT b 2412MHz Ant1 Ref



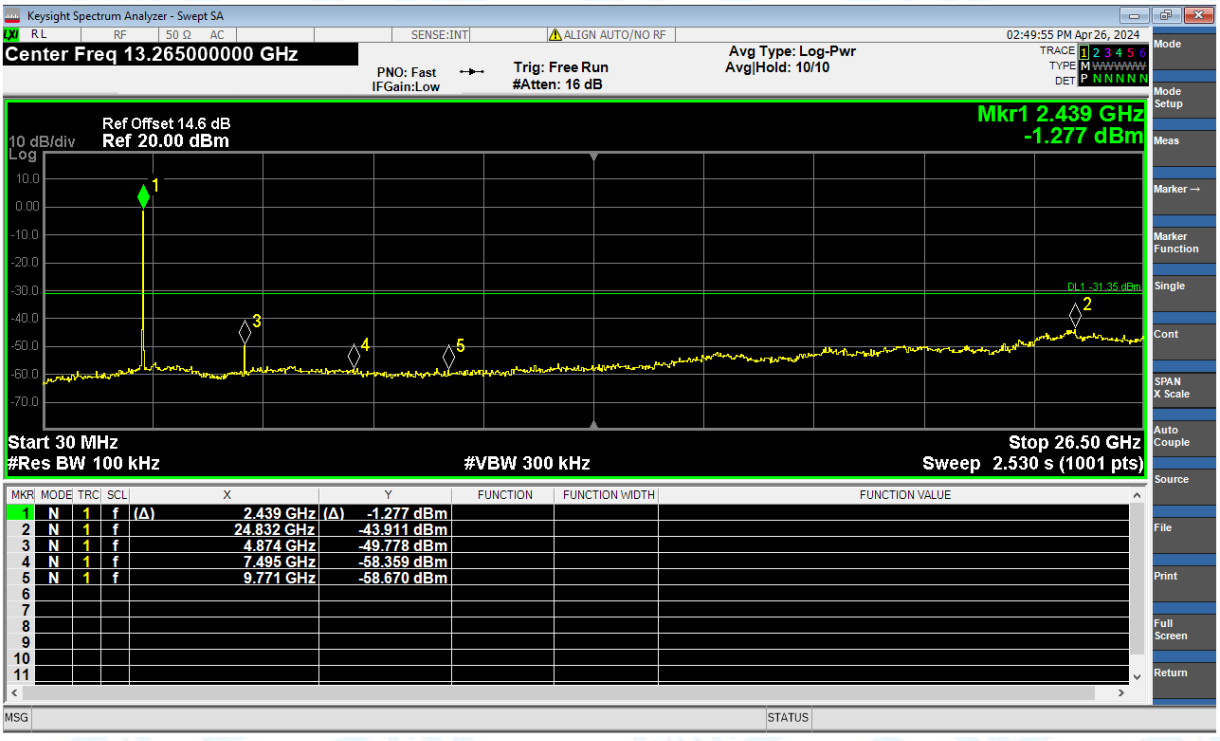
Tx. Spurious NVNT b 2412MHz Ant1 Emission



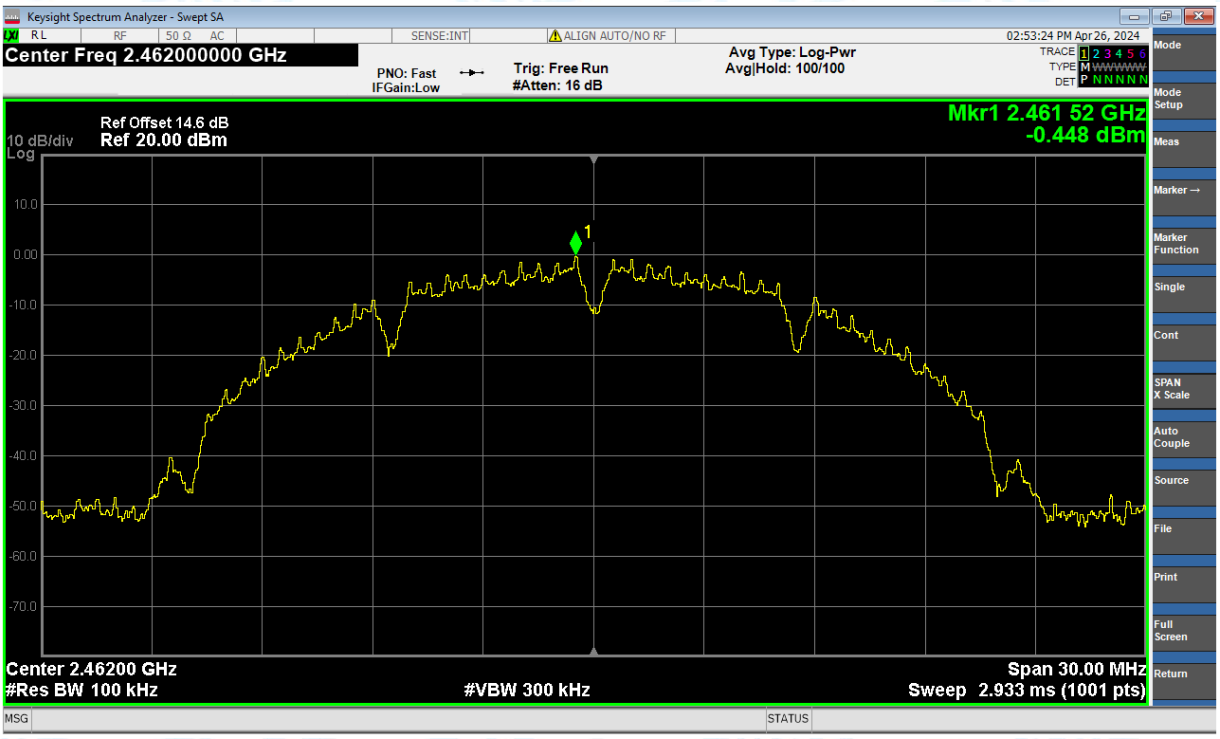
Tx. Spurious NVNT b 2437MHz Ant1 Ref



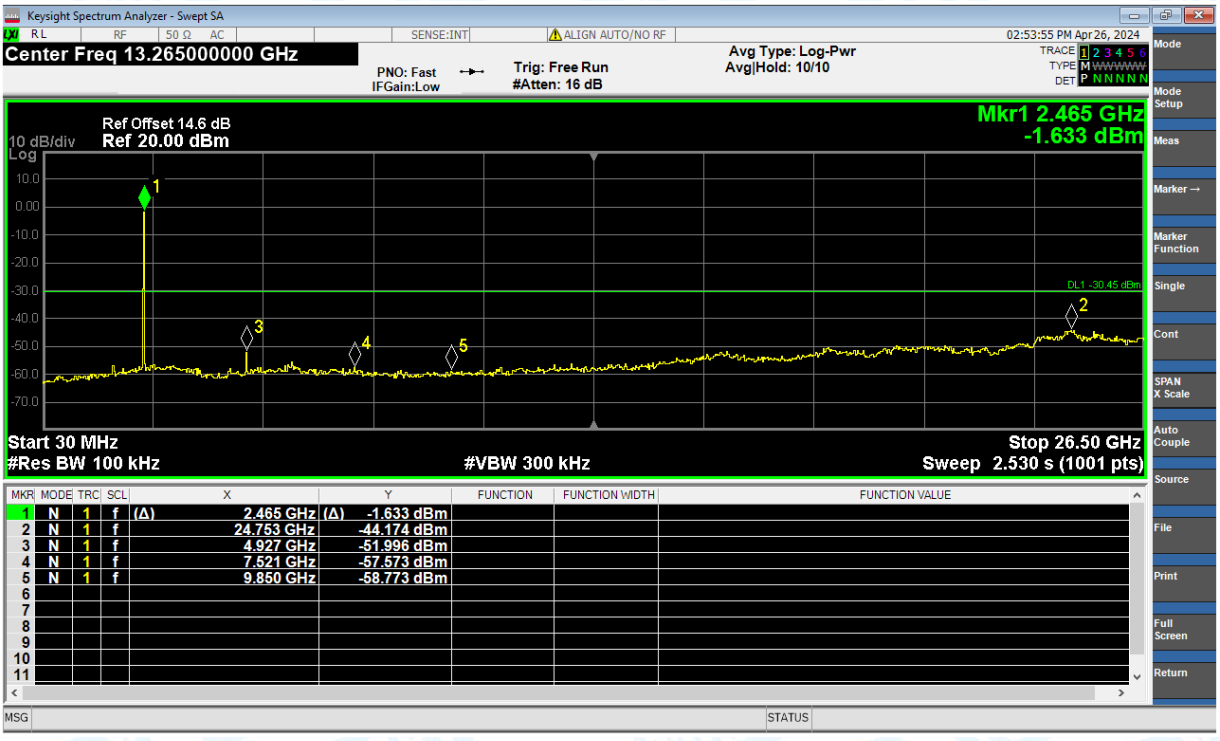
Tx. Spurious NVNT b 2437MHz Ant1 Emission



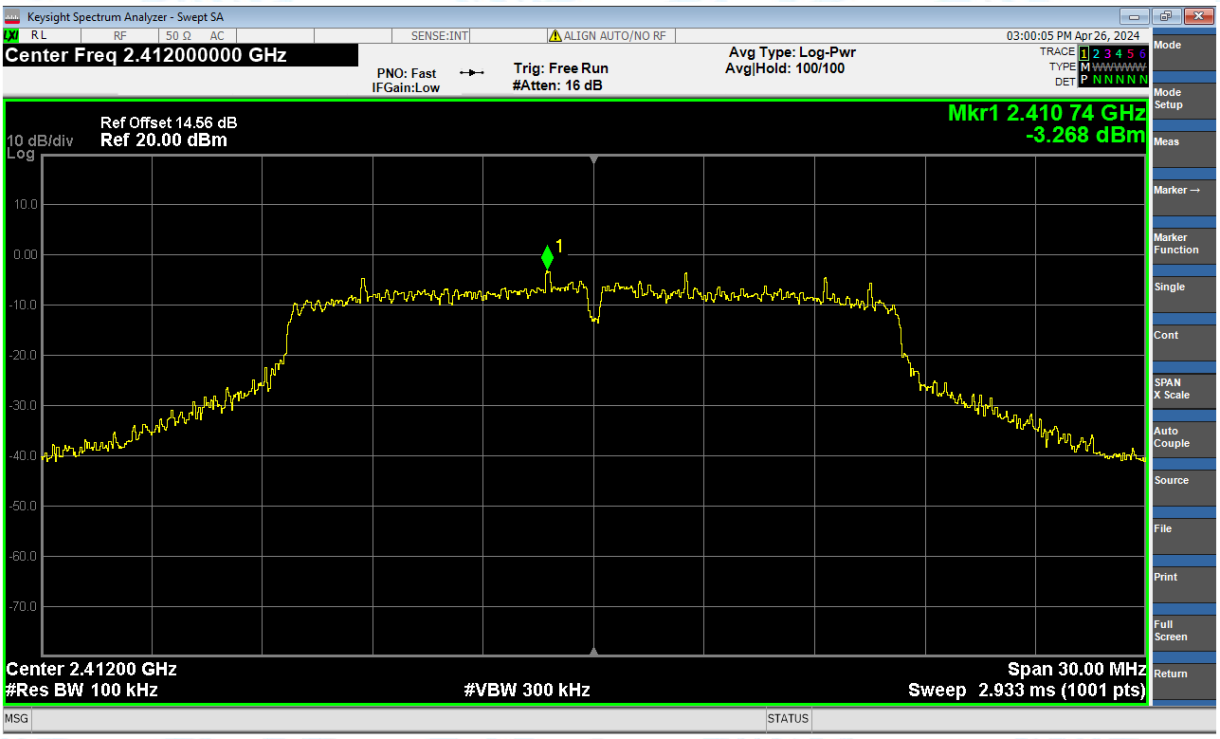
Tx. Spurious NVNT b 2462MHz Ant1 Ref



Tx. Spurious NVNT b 2462MHz Ant1 Emission



Tx. Spurious NVNT g 2412MHz Ant1 Ref



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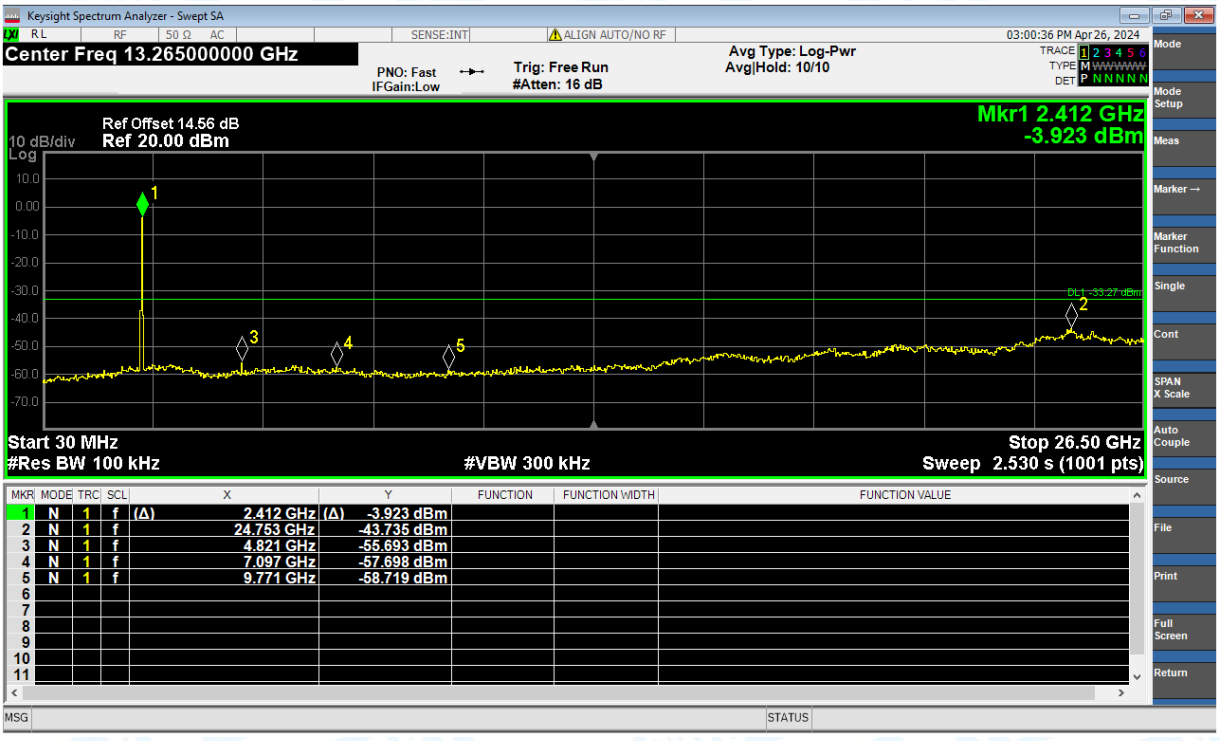

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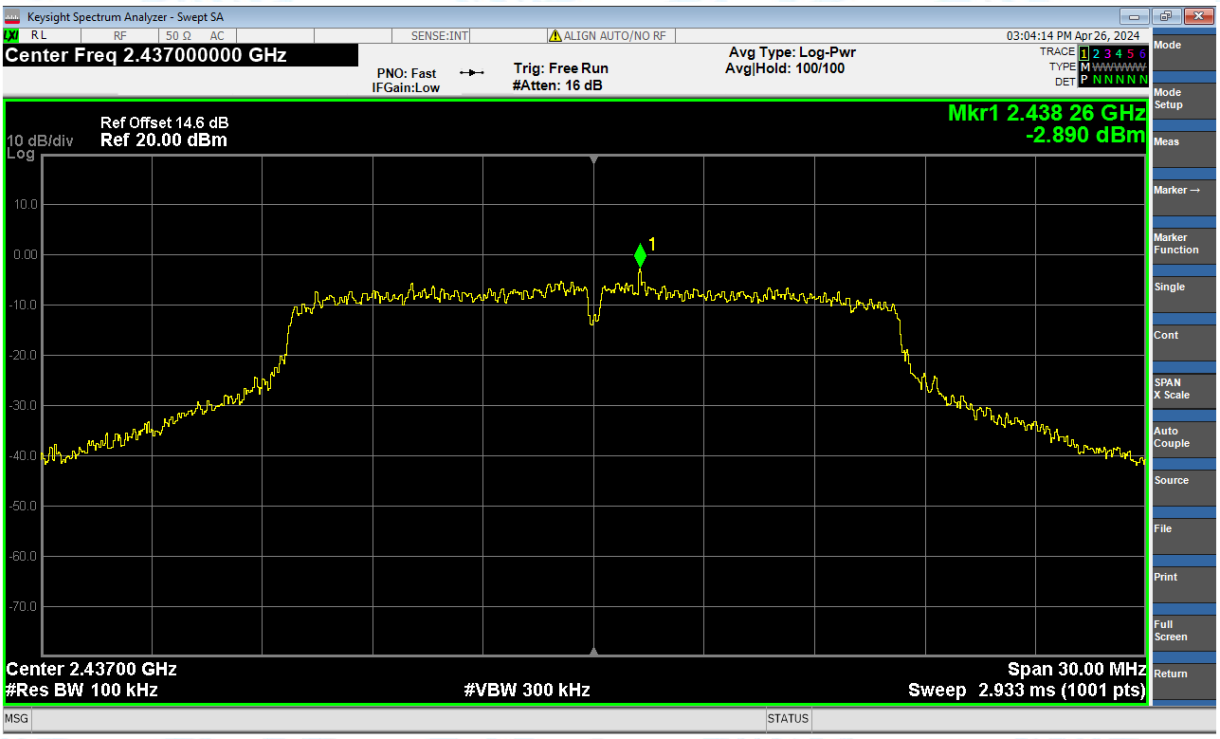

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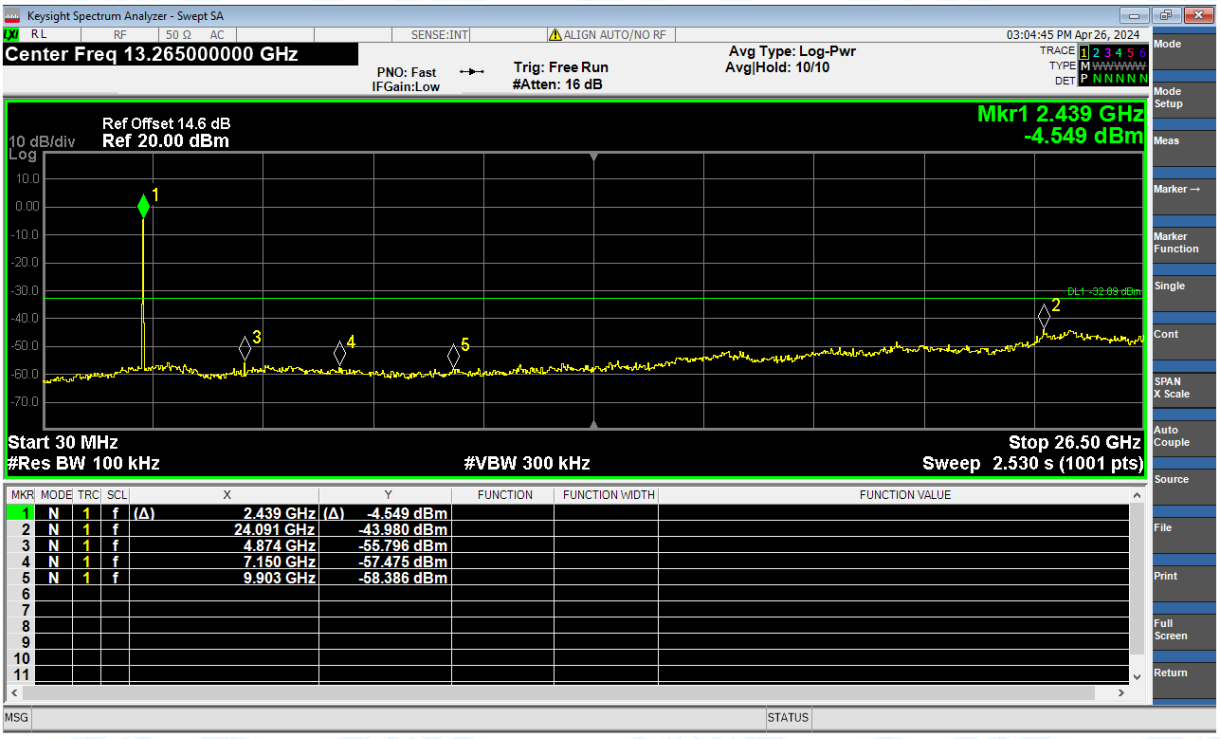

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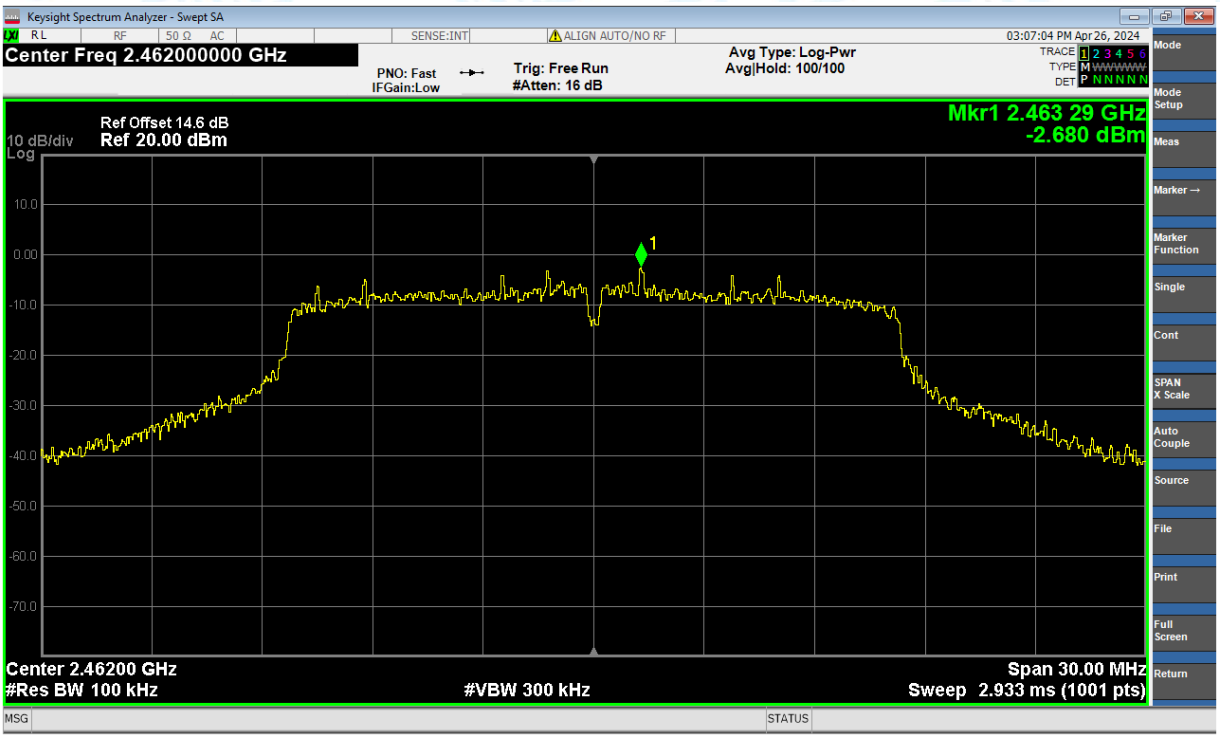

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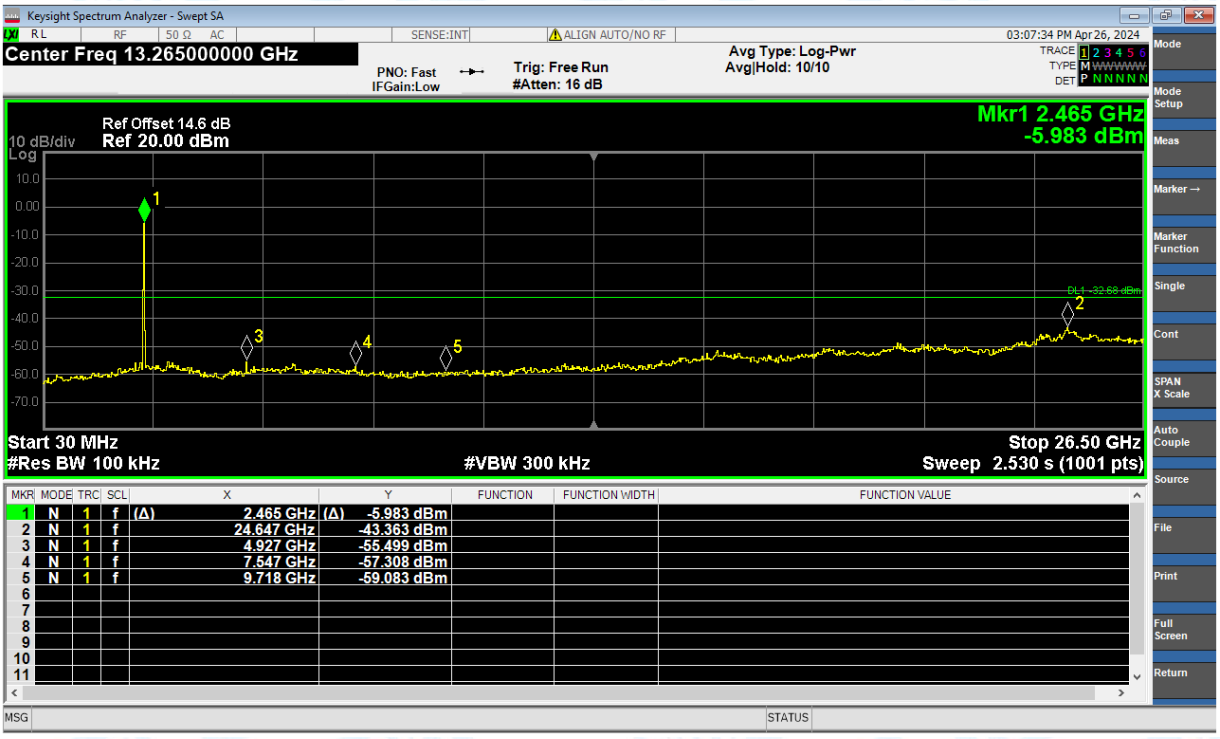
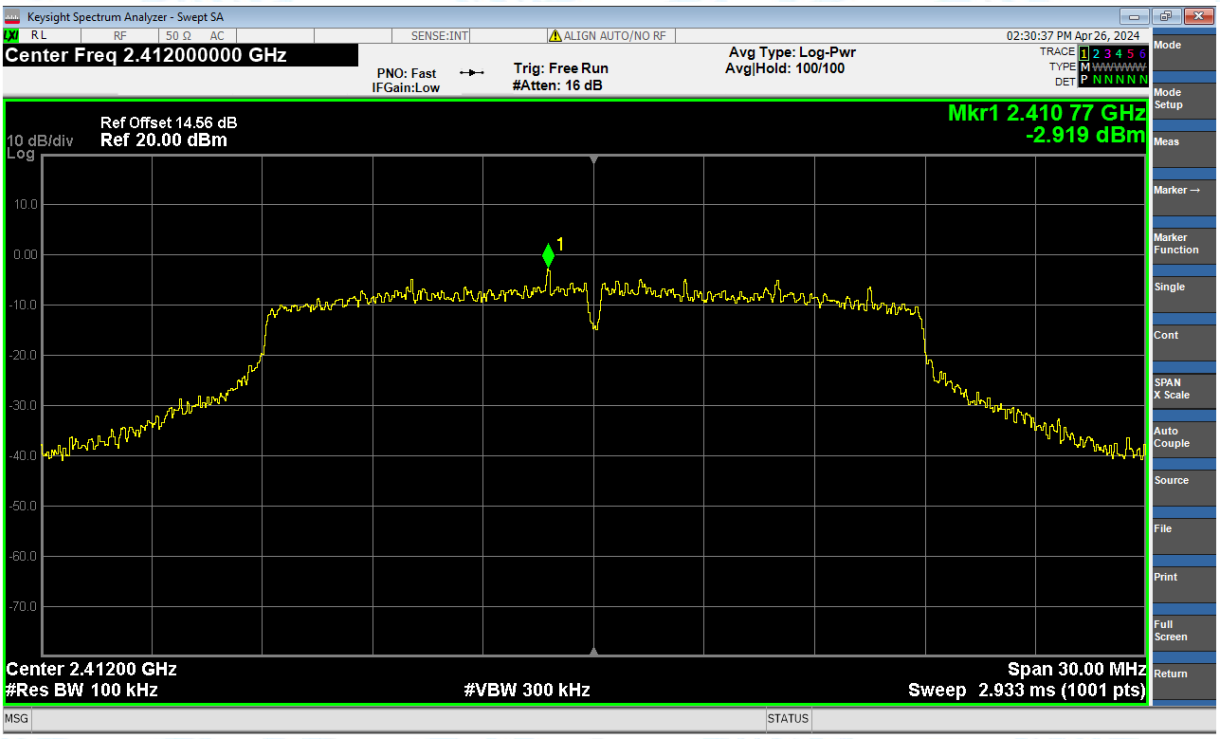
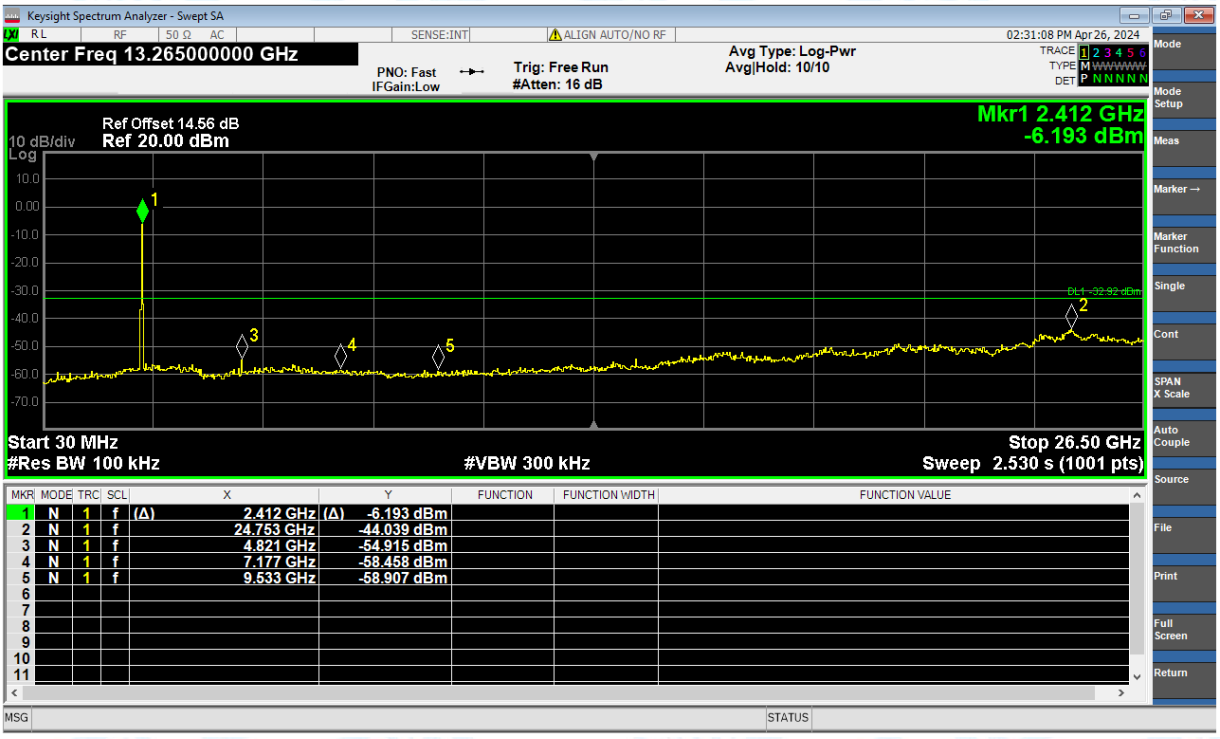


Tx. Spurious NVNT n(HT20) 2412MHz Ant1 Ref



Tx. Spurious NVNT n(HT20) 2412MHz Ant1 Emission



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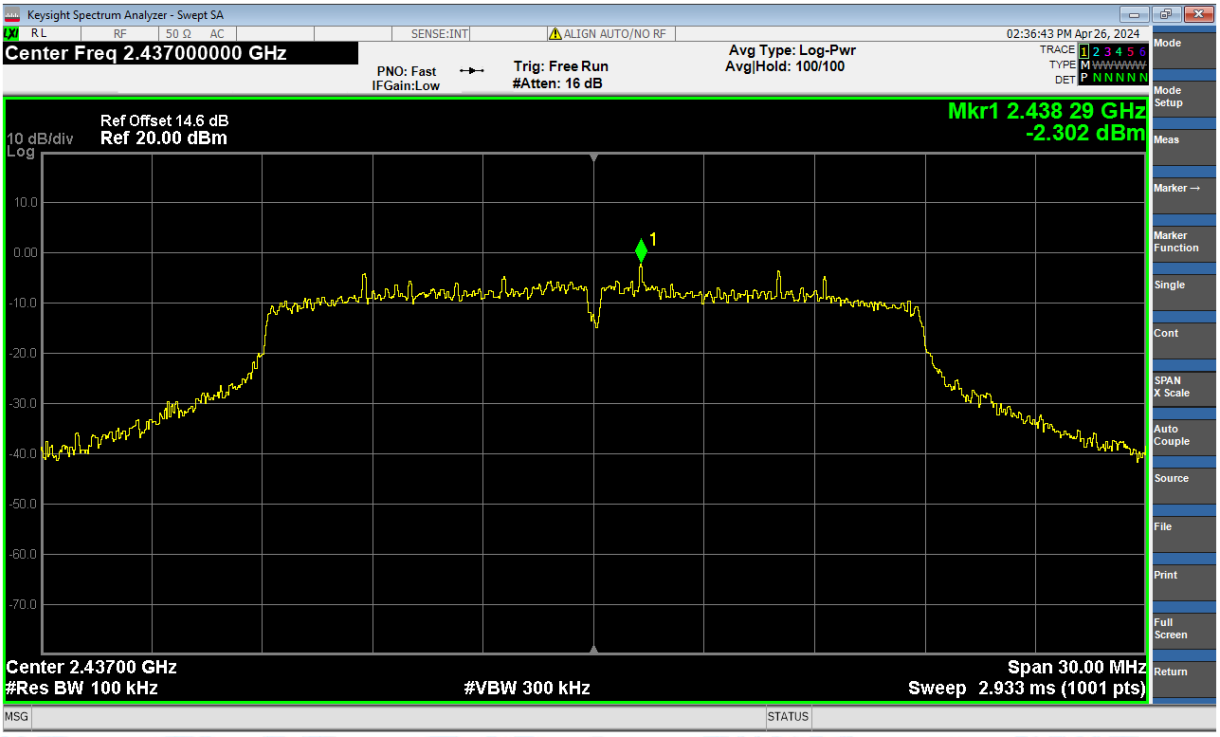
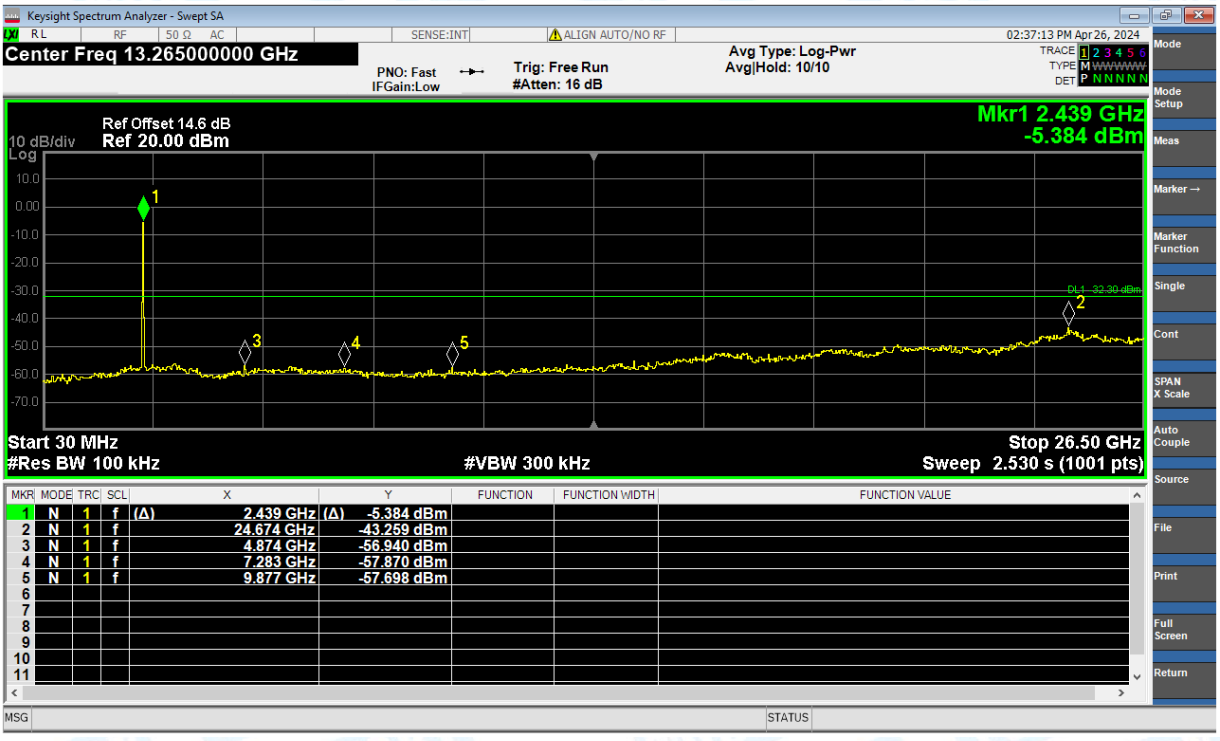
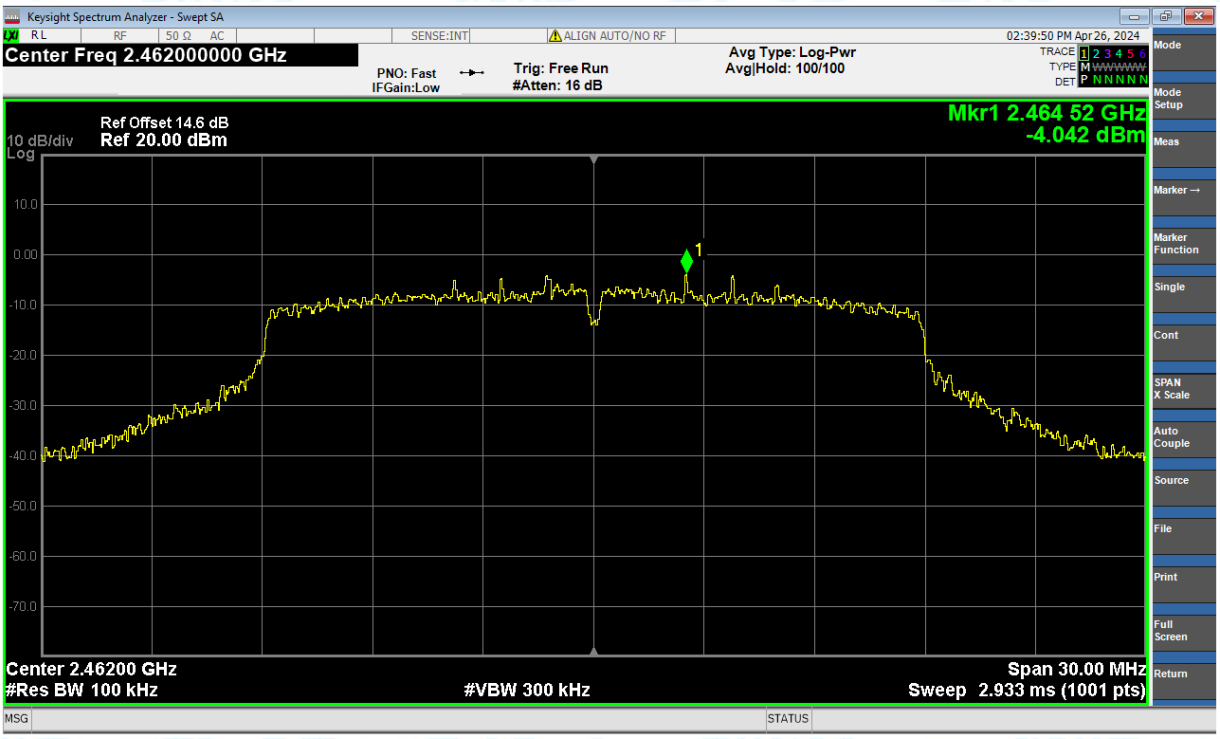


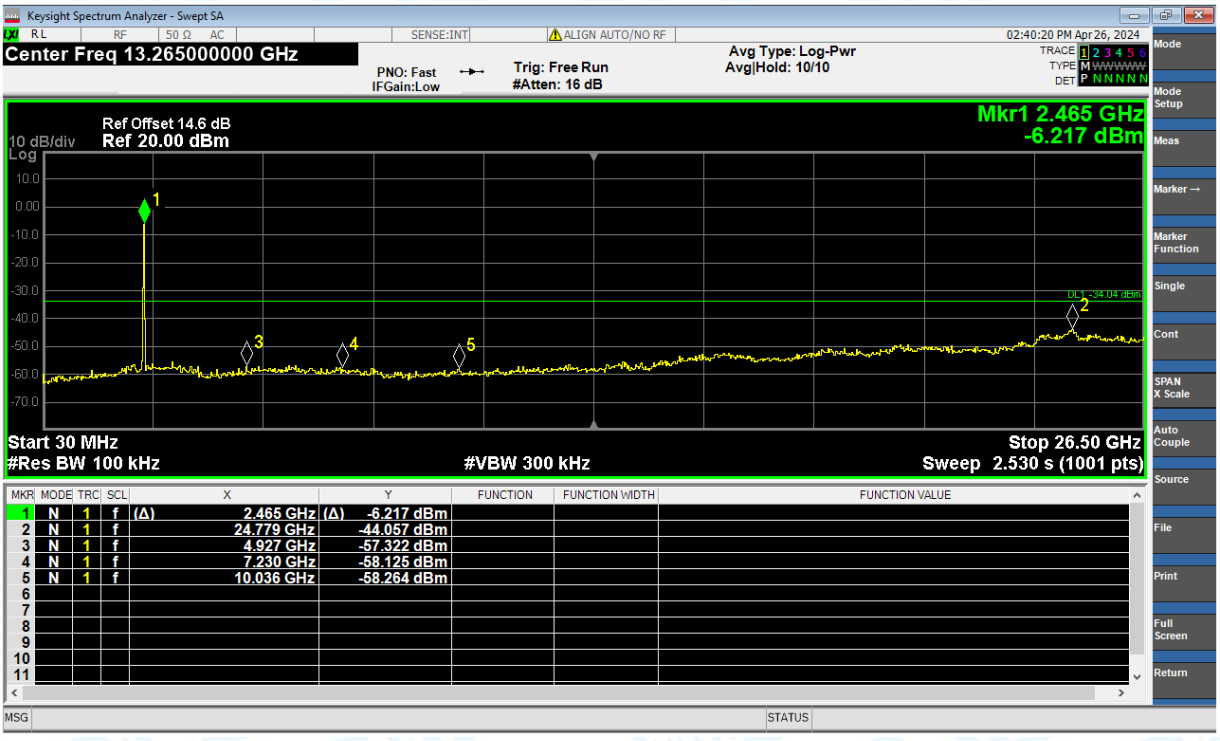
Tx. Spurious NVNT n(HT20) 2437MHz Ant1 Emission



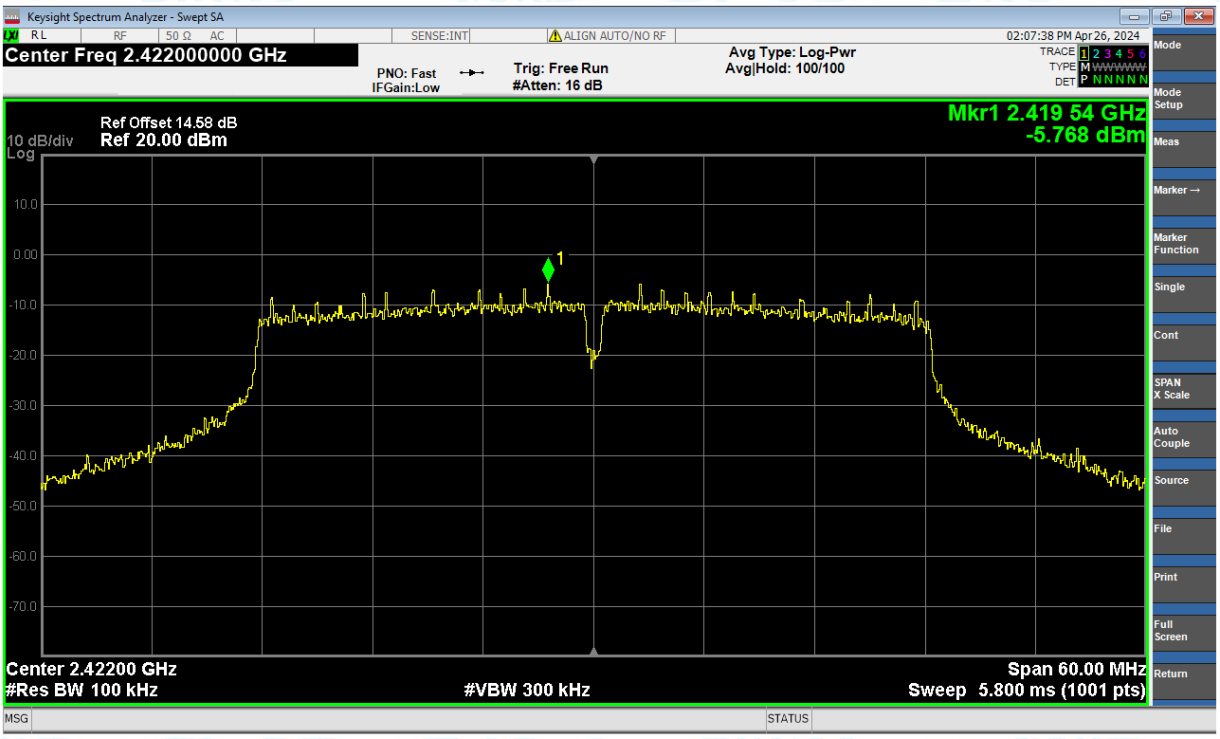
Tx. Spurious NVNT n(HT20) 2462MHz Ant1 Ref



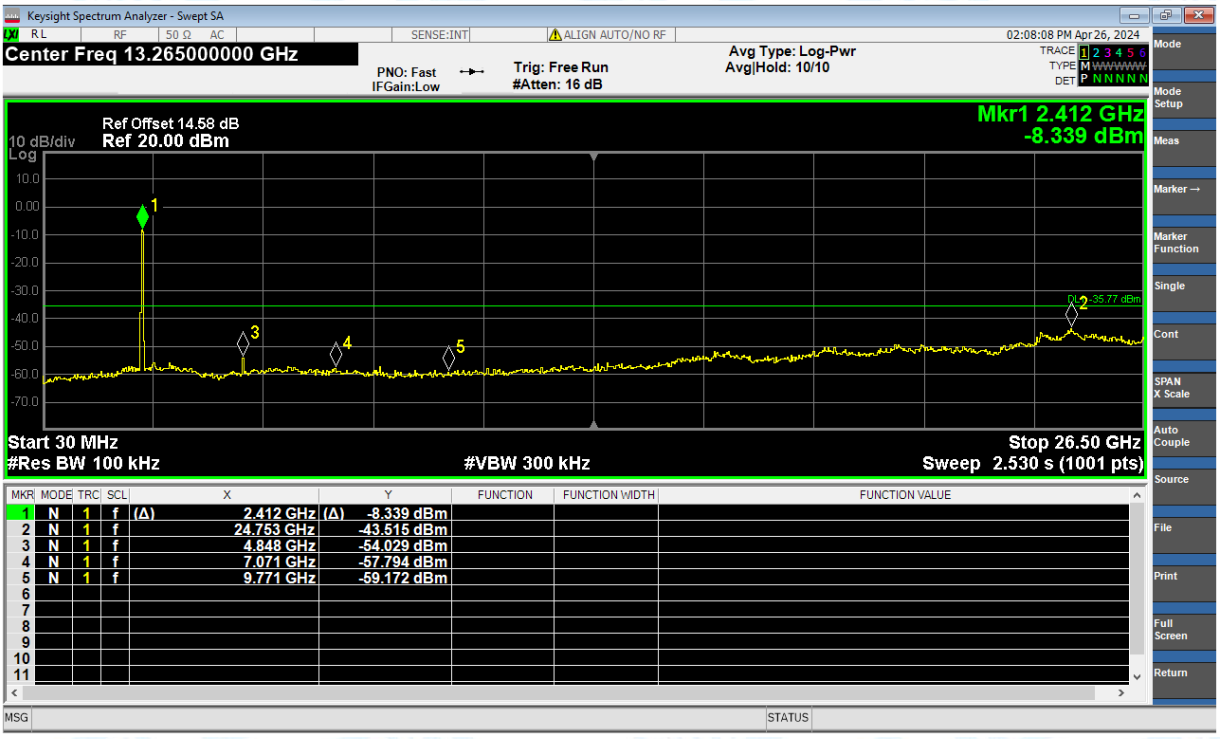
Tx. Spurious NVNT n(HT20) 2462MHz Ant1 Emission



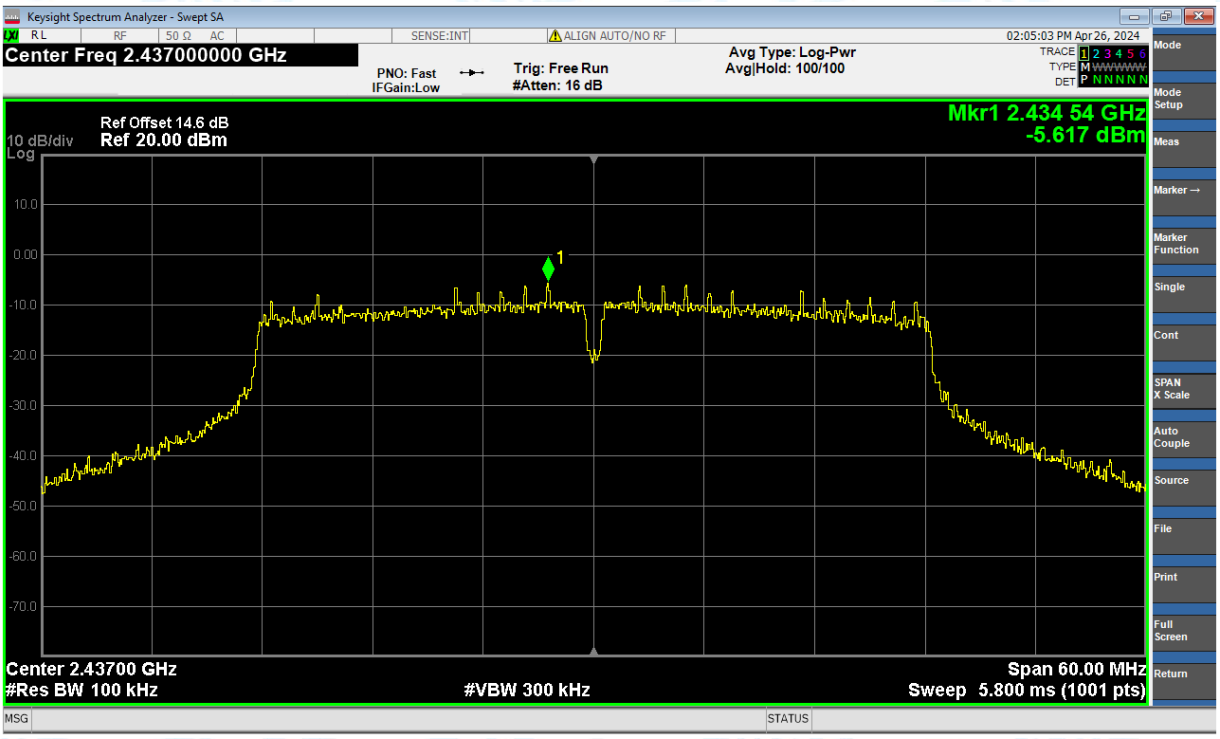
Tx. Spurious NVNT n(HT40) 2422MHz Ant1 Ref



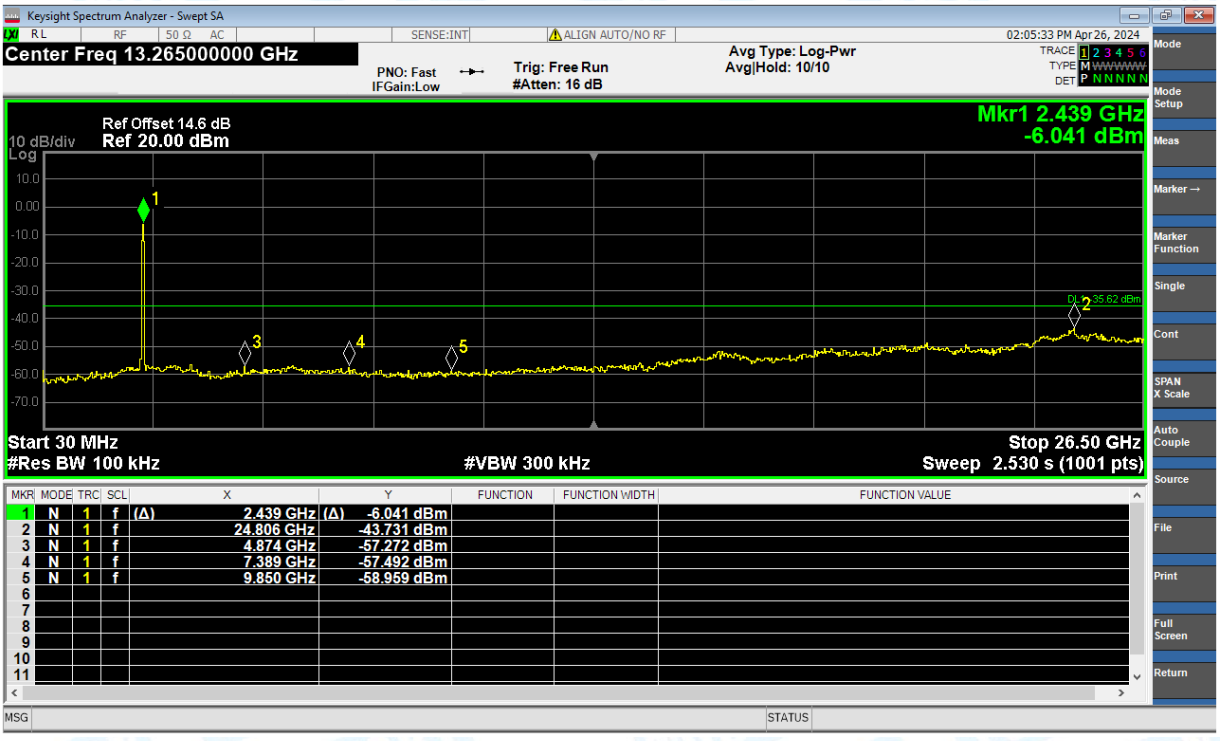
Tx. Spurious NVNT n(HT40) 2422MHz Ant1 Emission



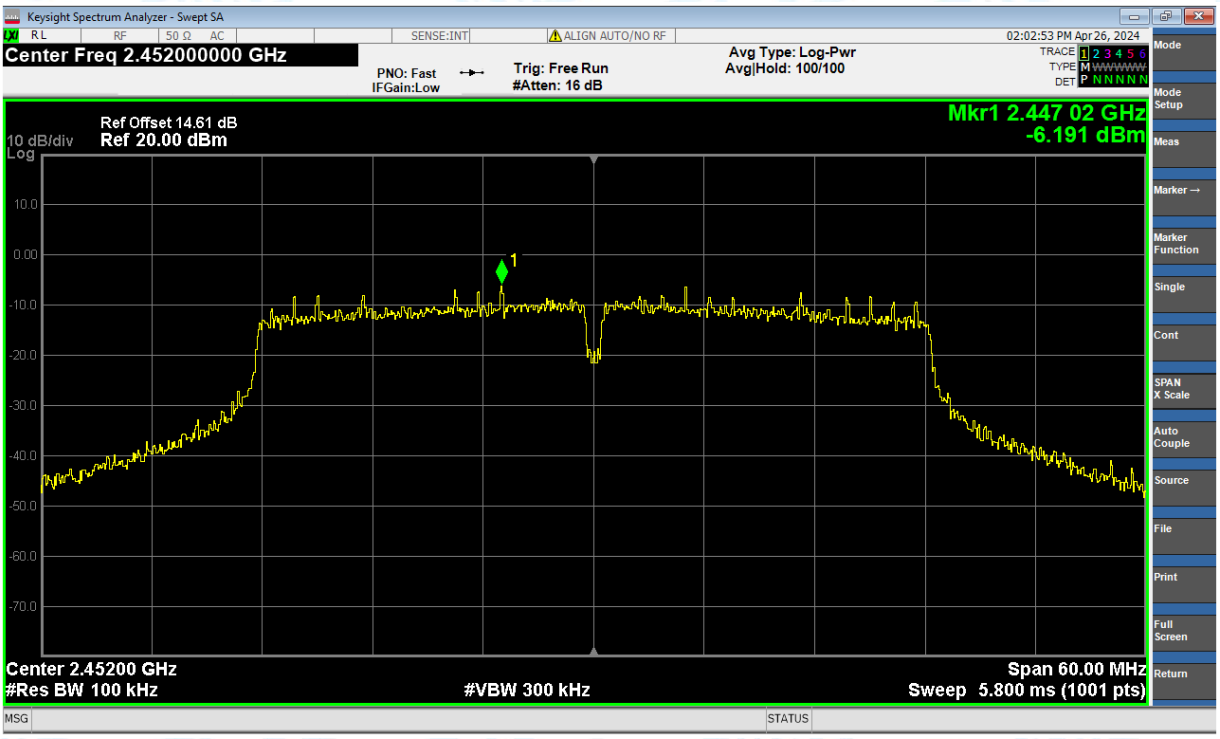
Tx. Spurious NVNT n(HT40) 2437MHz Ant1 Ref



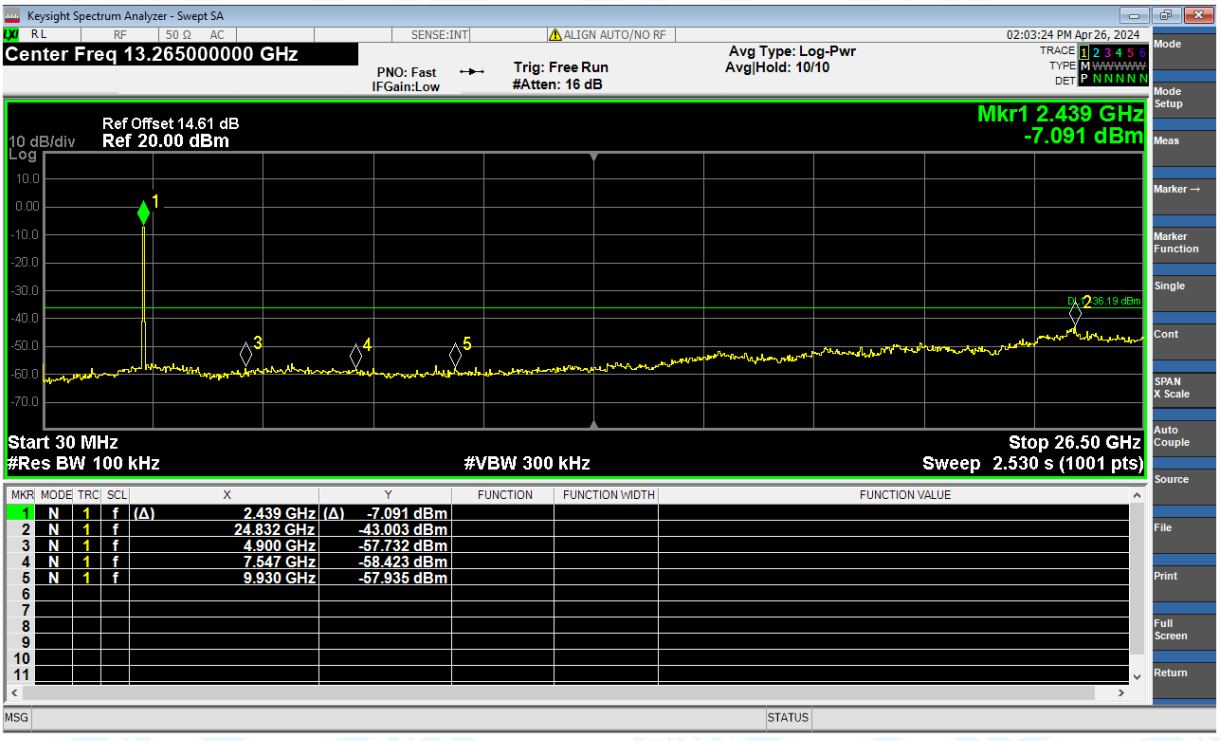
Tx. Spurious NVNT n(HT40) 2437MHz Ant1 Emission



Tx. Spurious NVNT n(HT40) 2452MHz Ant1 Ref



Tx. Spurious NVNT n(HT40) 2452MHz Ant1 Emission



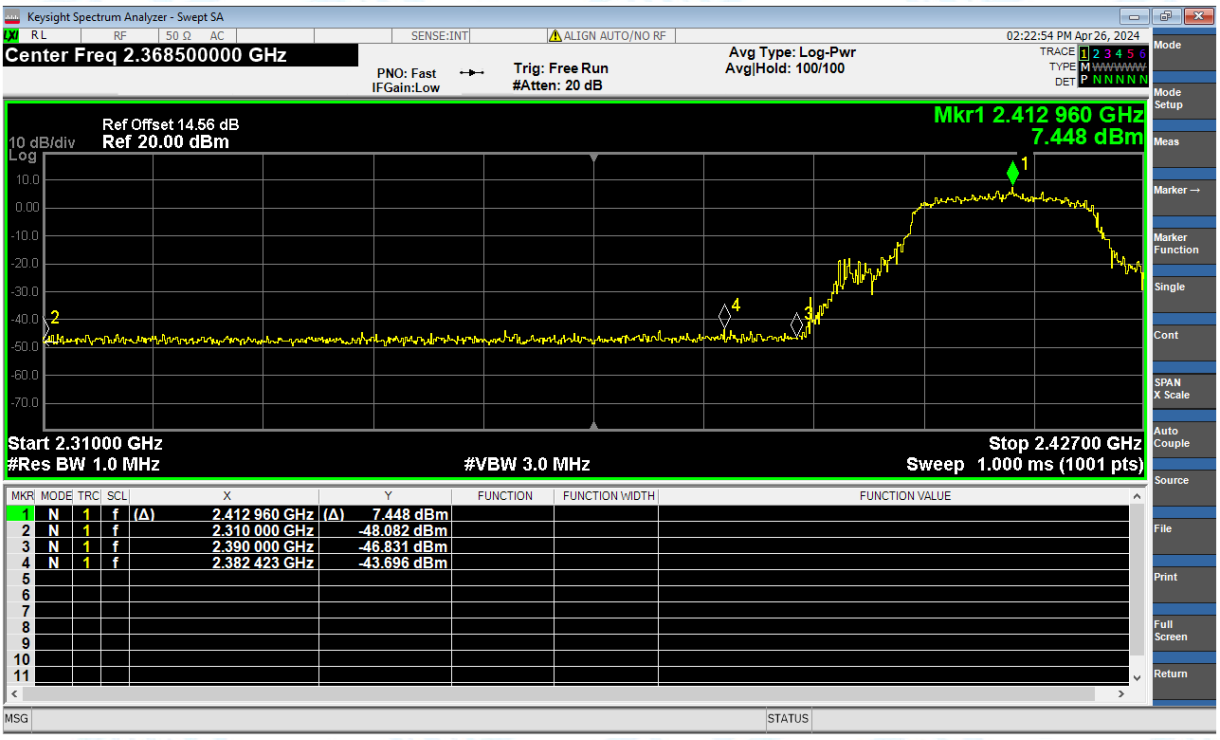
8. Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	ax(VHT20)	2412	Ant1	2310	-48.08	2	-	49.18	Peak	74	Pass
NVNT	ax(VHT20)	2412	Ant1	2310	-55.4	2	0.51	42.37	Average	54	Pass
NVNT	ax(VHT20)	2412	Ant1	2382.423	-43.7	2	-	53.56	Peak	74	Pass
NVNT	ax(VHT20)	2412	Ant1	2387.103	-53.8	2	0.51	43.97	Average	54	Pass
NVNT	ax(VHT20)	2412	Ant1	2390	-46.83	2	-	50.43	Peak	74	Pass
NVNT	ax(VHT20)	2412	Ant1	2390	-54.61	2	0.51	43.16	Average	54	Pass
NVNT	ax(VHT20)	2462	Ant1	2483.5	-45.81	2	-	51.45	Peak	74	Pass
NVNT	ax(VHT20)	2462	Ant1	2483.5	-54.31	2	0.32	43.27	Average	54	Pass
NVNT	ax(VHT20)	2462	Ant1	2490.99	-44.1	2	-	53.16	Peak	74	Pass
NVNT	ax(VHT20)	2462	Ant1	2484.1	-53.74	2	0.32	43.84	Average	54	Pass
NVNT	ax(VHT20)	2462	Ant1	2500	-45.71	2	-	51.55	Peak	74	Pass
NVNT	ax(VHT20)	2462	Ant1	2500	-54.5	2	0.32	43.08	Average	54	Pass
NVNT	ax(VHT40)	2422	Ant1	2310	-48.35	2	-	48.91	Peak	74	Pass
NVNT	ax(VHT40)	2422	Ant1	2310	-55.24	2	0.59	42.61	Average	54	Pass
NVNT	ax(VHT40)	2422	Ant1	2389.52	-29.22	2	-	68.04	Peak	74	Pass
NVNT	ax(VHT40)	2422	Ant1	2389.236	-46.63	2	0.59	51.22	Average	54	Pass
NVNT	ax(VHT40)	2422	Ant1	2390	-33.1	2	-	64.16	Peak	74	Pass
NVNT	ax(VHT40)	2422	Ant1	2390	-51.83	2	0.59	46.02	Average	54	Pass
NVNT	ax(VHT40)	2452	Ant1	2483.5	-31.7	2	-	65.56	Peak	74	Pass
NVNT	ax(VHT40)	2452	Ant1	2483.5	-49.41	2	0.64	48.49	Average	54	Pass
NVNT	ax(VHT40)	2452	Ant1	2483.854	-31.12	2	-	66.14	Peak	74	Pass
NVNT	ax(VHT40)	2452	Ant1	2484.4	-48.9	2	0.64	49	Average	54	Pass
NVNT	ax(VHT40)	2452	Ant1	2500	-46.31	2	-	50.95	Peak	74	Pass
NVNT	ax(VHT40)	2452	Ant1	2500	-54.57	2	0.64	43.33	Average	54	Pass
NVNT	b	2412	Ant1	2310	-48.78	2	-	48.48	Peak	74	Pass
NVNT	b	2412	Ant1	2310	-55.37	2	0.04	41.93	Average	54	Pass
NVNT	b	2412	Ant1	2321.934	-44.78	2	-	52.48	Peak	74	Pass
NVNT	b	2412	Ant1	2373.999	-54.14	2	0.04	43.16	Average	54	Pass
NVNT	b	2412	Ant1	2390	-47.01	2	-	50.25	Peak	74	Pass
NVNT	b	2412	Ant1	2390	-54.8	2	0.04	42.5	Average	54	Pass
NVNT	b	2462	Ant1	2483.5	-46.84	2	-	50.42	Peak	74	Pass
NVNT	b	2462	Ant1	2483.5	-54.97	2	0.04	42.33	Average	54	Pass
NVNT	b	2462	Ant1	2499.735	-44.07	2	-	53.19	Peak	74	Pass
NVNT	b	2462	Ant1	2499.735	-54.19	2	0.04	43.11	Average	54	Pass
NVNT	b	2462	Ant1	2500	-46.46	2	-	50.8	Peak	74	Pass
NVNT	b	2462	Ant1	2500	-55.01	2	0.04	42.29	Average	54	Pass
NVNT	g	2412	Ant1	2310	-46.62	2	-	50.64	Peak	74	Pass
NVNT	g	2412	Ant1	2310	-55.99	2	0.33	41.6	Average	54	Pass
NVNT	g	2412	Ant1	2379.732	-43.27	2	-	53.99	Peak	74	Pass
NVNT	g	2412	Ant1	2388.507	-54.08	2	0.33	43.51	Average	54	Pass
NVNT	g	2412	Ant1	2390	-45.84	2	-	51.42	Peak	74	Pass

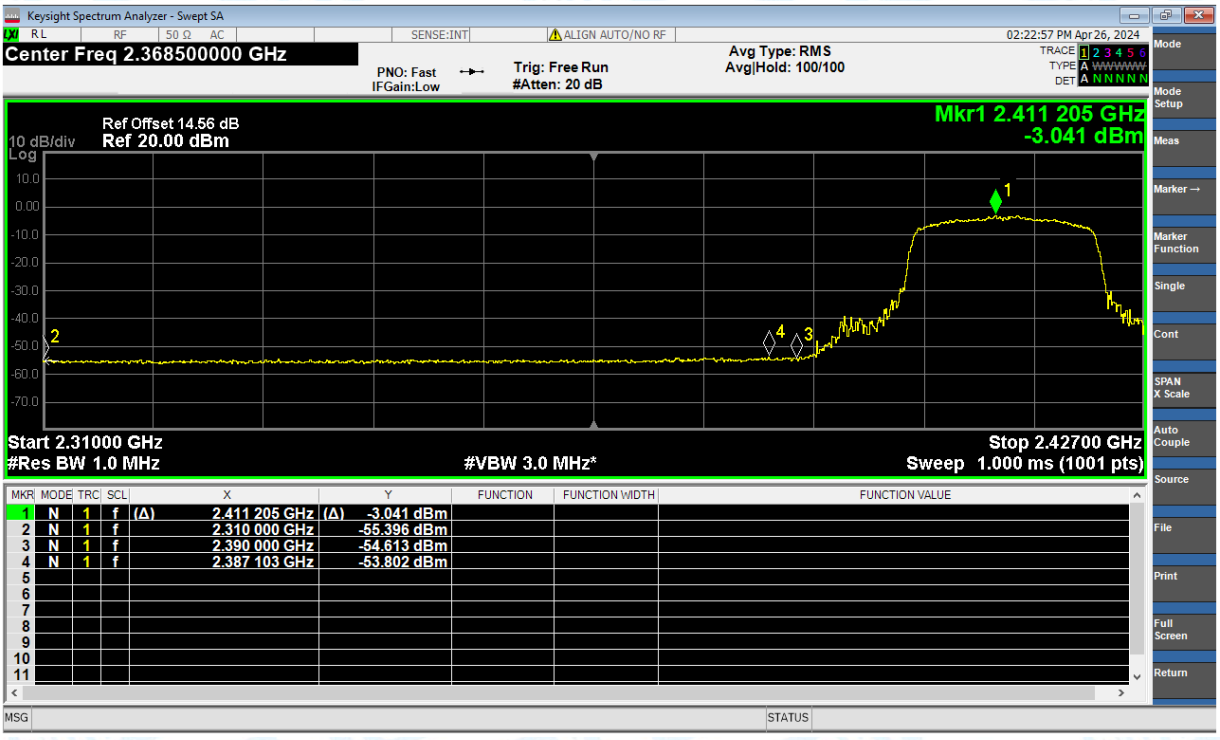
NVNT	g	2412	Ant1	2390	-54.27	2	0.33	43.32	Average	54	Pass
NVNT	g	2462	Ant1	2483.5	-46.22	2	-	51.04	Peak	74	Pass
NVNT	g	2462	Ant1	2483.5	-53.99	2	0.25	43.52	Average	54	Pass
NVNT	g	2462	Ant1	2484.63	-44	2	-	53.26	Peak	74	Pass
NVNT	g	2462	Ant1	2484.63	-53.73	2	0.25	43.78	Average	54	Pass
NVNT	g	2462	Ant1	2500	-47.79	2	-	49.47	Peak	74	Pass
NVNT	g	2462	Ant1	2500	-55.05	2	0.25	42.46	Average	54	Pass
NVNT	n(HT20)	2412	Ant1	2310	-47.56	2	-	49.7	Peak	74	Pass
NVNT	n(HT20)	2412	Ant1	2310	-55.51	2	0.31	42.06	Average	54	Pass
NVNT	n(HT20)	2412	Ant1	2388.39	-44.57	2	-	52.69	Peak	74	Pass
NVNT	n(HT20)	2412	Ant1	2379.849	-53.73	2	0.31	43.84	Average	54	Pass
NVNT	n(HT20)	2412	Ant1	2390	-47.64	2	-	49.62	Peak	74	Pass
NVNT	n(HT20)	2412	Ant1	2390	-54.87	2	0.31	42.7	Average	54	Pass
NVNT	n(HT20)	2462	Ant1	2483.5	-46.68	2	-	50.58	Peak	74	Pass
NVNT	n(HT20)	2462	Ant1	2483.5	-54.3	2	0.33	43.29	Average	54	Pass
NVNT	n(HT20)	2462	Ant1	2487.28	-44.21	2	-	53.05	Peak	74	Pass
NVNT	n(HT20)	2462	Ant1	2493.534	-53.83	2	0.33	43.76	Average	54	Pass
NVNT	n(HT20)	2462	Ant1	2500	-46.51	2	-	50.75	Peak	74	Pass
NVNT	n(HT20)	2462	Ant1	2500	-55.04	2	0.33	42.55	Average	54	Pass
NVNT	n(HT40)	2422	Ant1	2310	-47.08	2	-	50.18	Peak	74	Pass
NVNT	n(HT40)	2422	Ant1	2310	-55.12	2	0.53	42.67	Average	54	Pass
NVNT	n(HT40)	2422	Ant1	2388.668	-32.6	2	-	64.66	Peak	74	Pass
NVNT	n(HT40)	2422	Ant1	2388.81	-46.71	2	0.53	51.08	Average	54	Pass
NVNT	n(HT40)	2422	Ant1	2390	-33.57	2	-	63.69	Peak	74	Pass
NVNT	n(HT40)	2422	Ant1	2390	-47.65	2	0.53	50.14	Average	54	Pass
NVNT	n(HT40)	2452	Ant1	2483.5	-31.05	2	-	66.21	Peak	74	Pass
NVNT	n(HT40)	2452	Ant1	2483.5	-46.29	2	0.6	51.57	Average	54	Pass
NVNT	n(HT40)	2452	Ant1	2483.62	-28.52	2	-	68.74	Peak	74	Pass
NVNT	n(HT40)	2452	Ant1	2483.698	-46.25	2	0.6	51.61	Average	54	Pass
NVNT	n(HT40)	2452	Ant1	2500	-46.74	2	-	50.52	Peak	74	Pass
NVNT	n(HT40)	2452	Ant1	2500	-54.1	2	0.6	43.76	Average	54	Pass

Test Graphs

Restrict Band NVNT ax(VHT20) 2412MHz Ant1 Peak



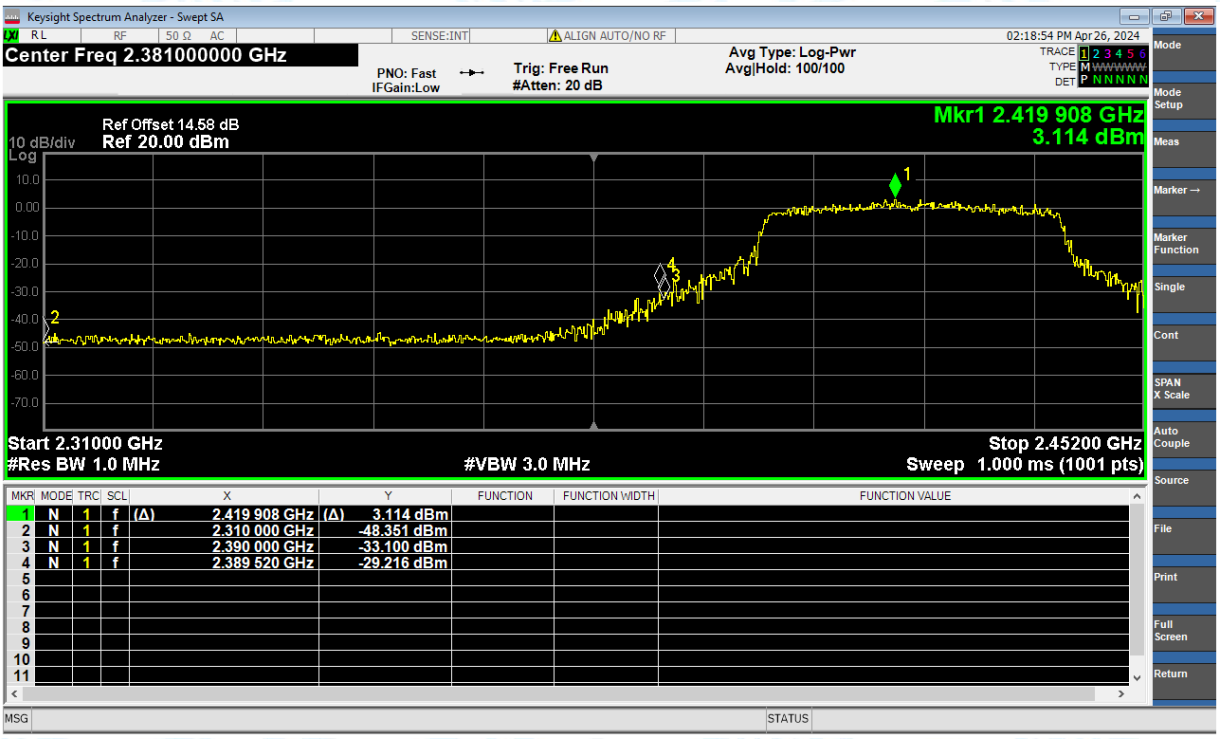
Restrict Band NVNT ax(VHT20) 2412MHz Ant1 Average



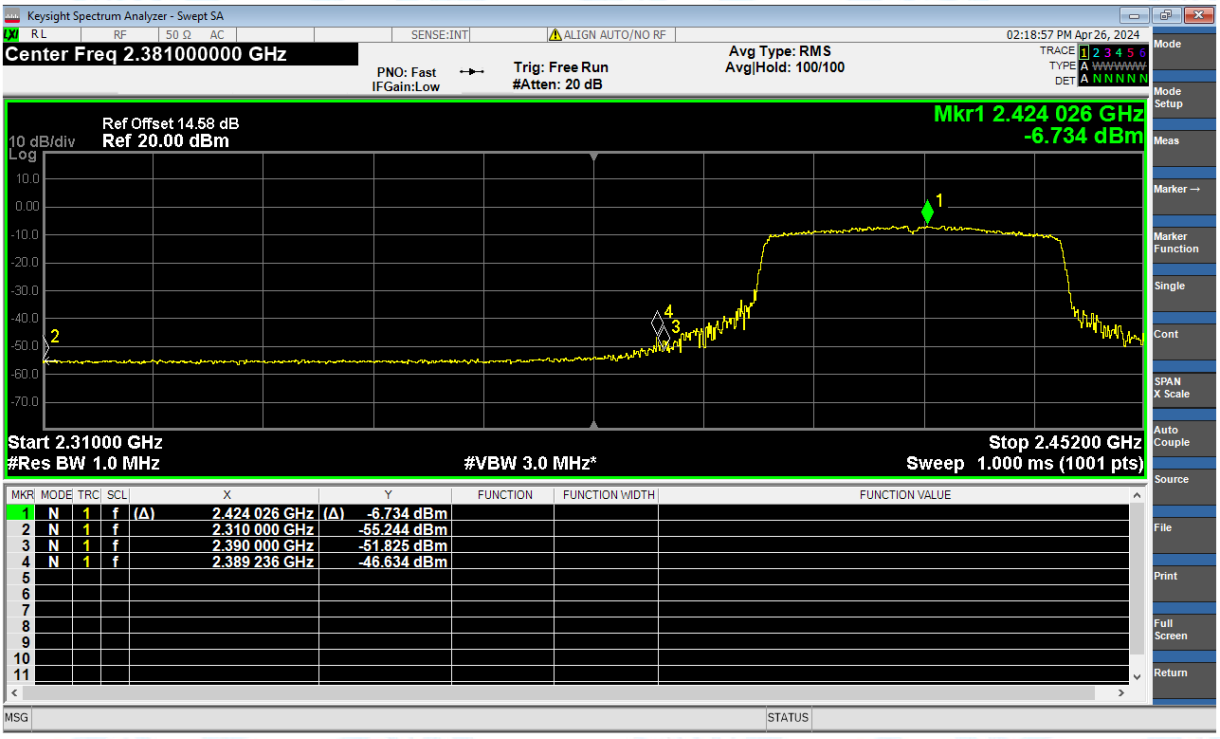
Restrict Band NVNT ax(VHT20) 2462MHz Ant1 Peak

Restrict Band NVNT ax(VHT20) 2462MHz Ant1 Average

Restrict Band NVNT ax(VHT40) 2422MHz Ant1 Peak



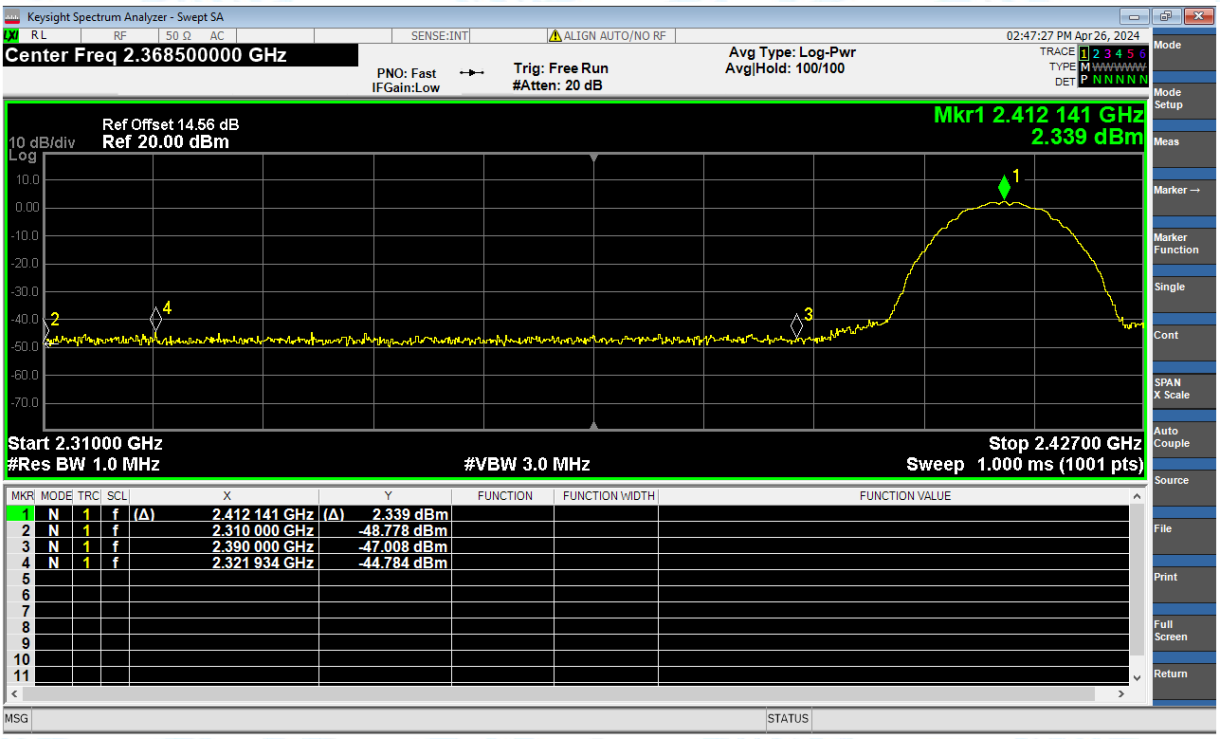
Restrict Band NVNT ax(VHT40) 2422MHz Ant1 Average



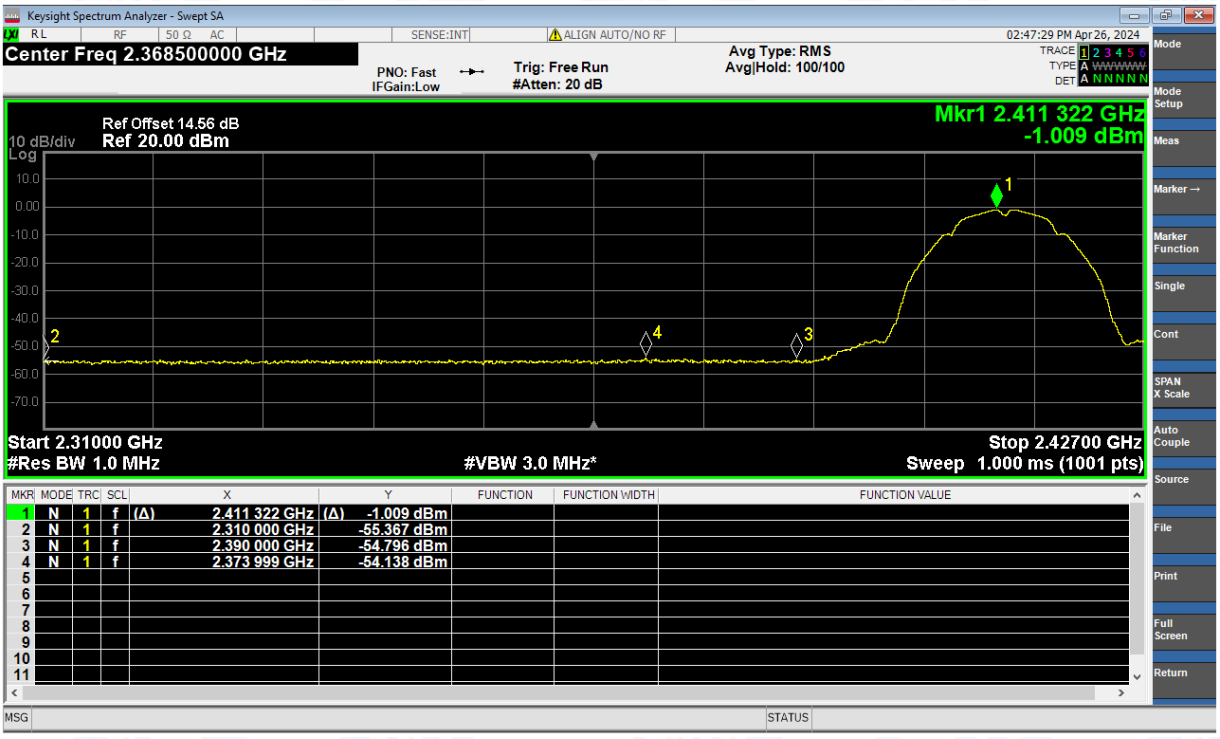
Restrict Band NVNT ax(VHT40) 2452MHz Ant1 Peak

Restrict Band NVNT ax(VHT40) 2452MHz Ant1 Average

Restrict Band NVNT b 2412MHz Ant1 Peak



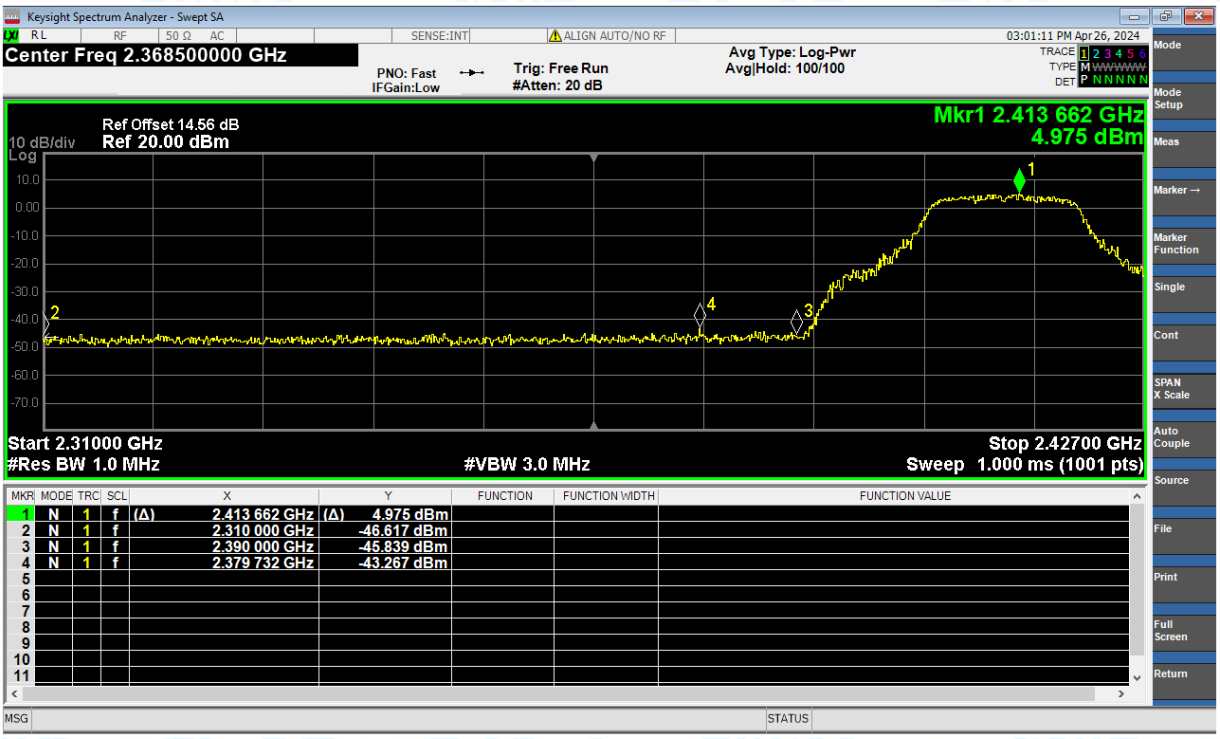
Restrict Band NVNT b 2412MHz Ant1 Average



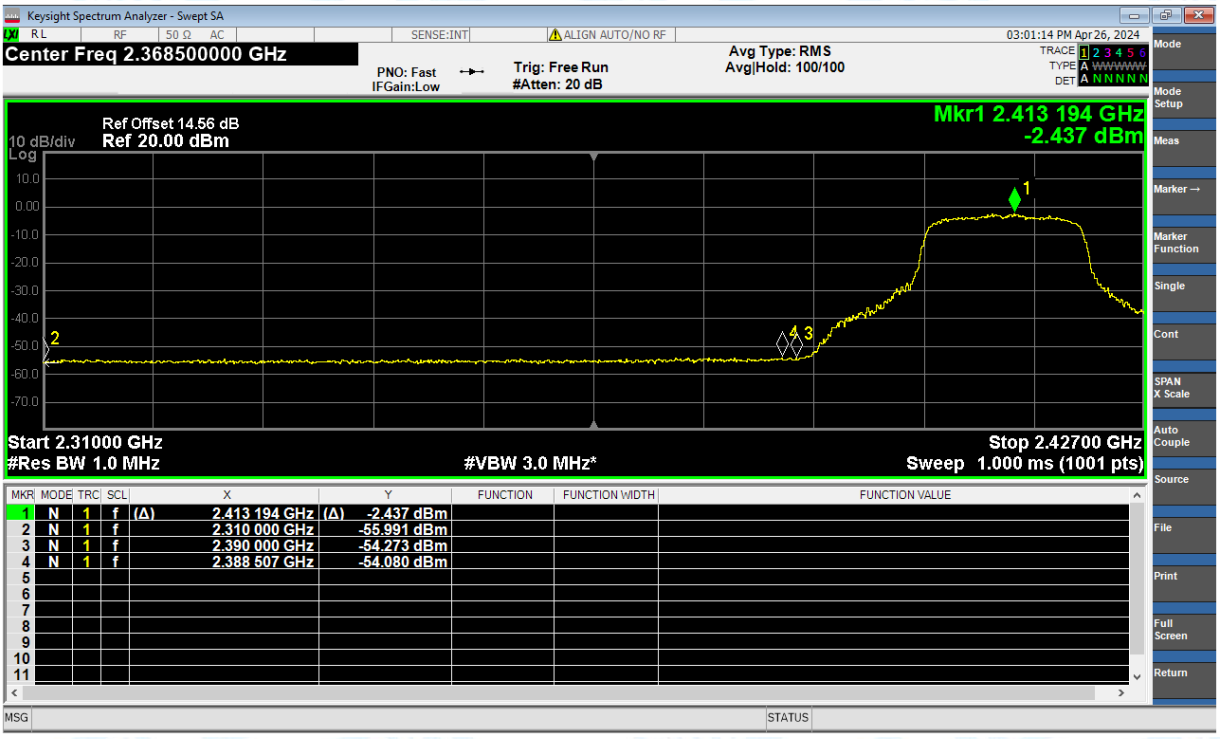
Restrict Band NVNT b 2462MHz Ant1 Peak

Restrict Band NVNT b 2462MHz Ant1 Average

Restrict Band NVNT g 2412MHz Ant1 Peak



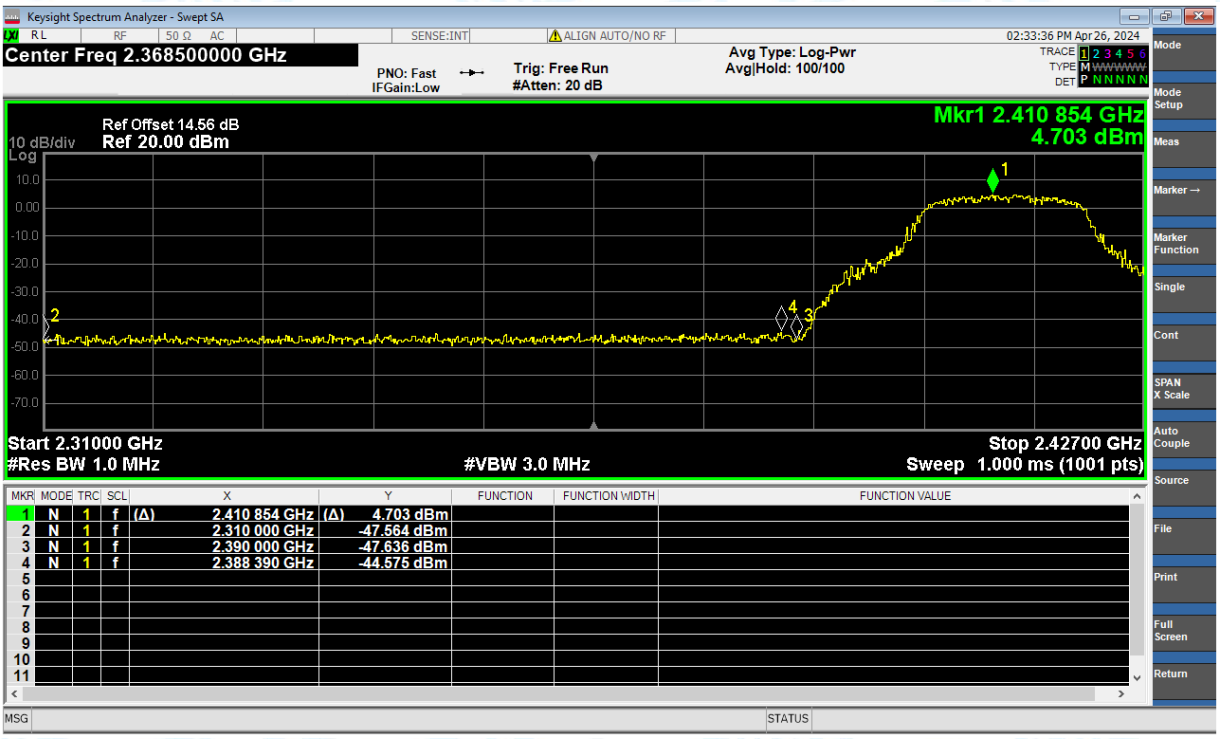
Restrict Band NVNT g 2412MHz Ant1 Average



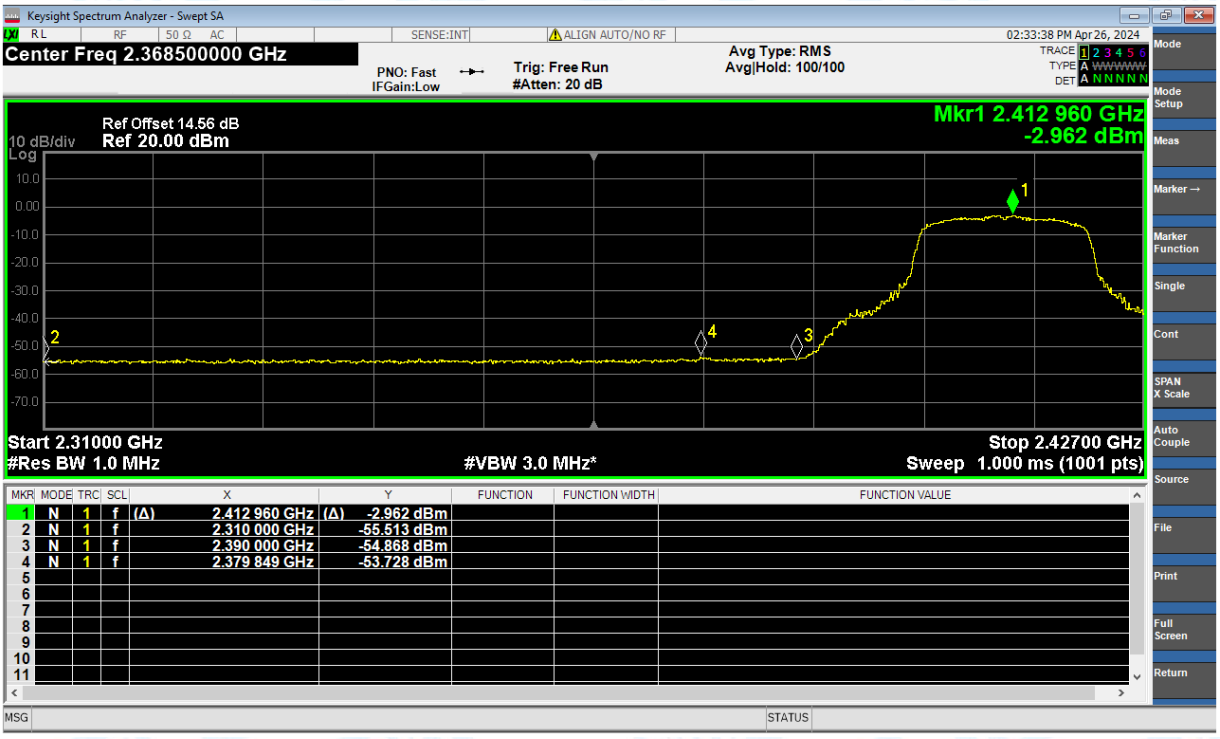
Restrict Band NVNT g 2462MHz Ant1 Peak

Restrict Band NVNT g 2462MHz Ant1 Average

Restrict Band NVNT n(HT20) 2412MHz Ant1 Peak



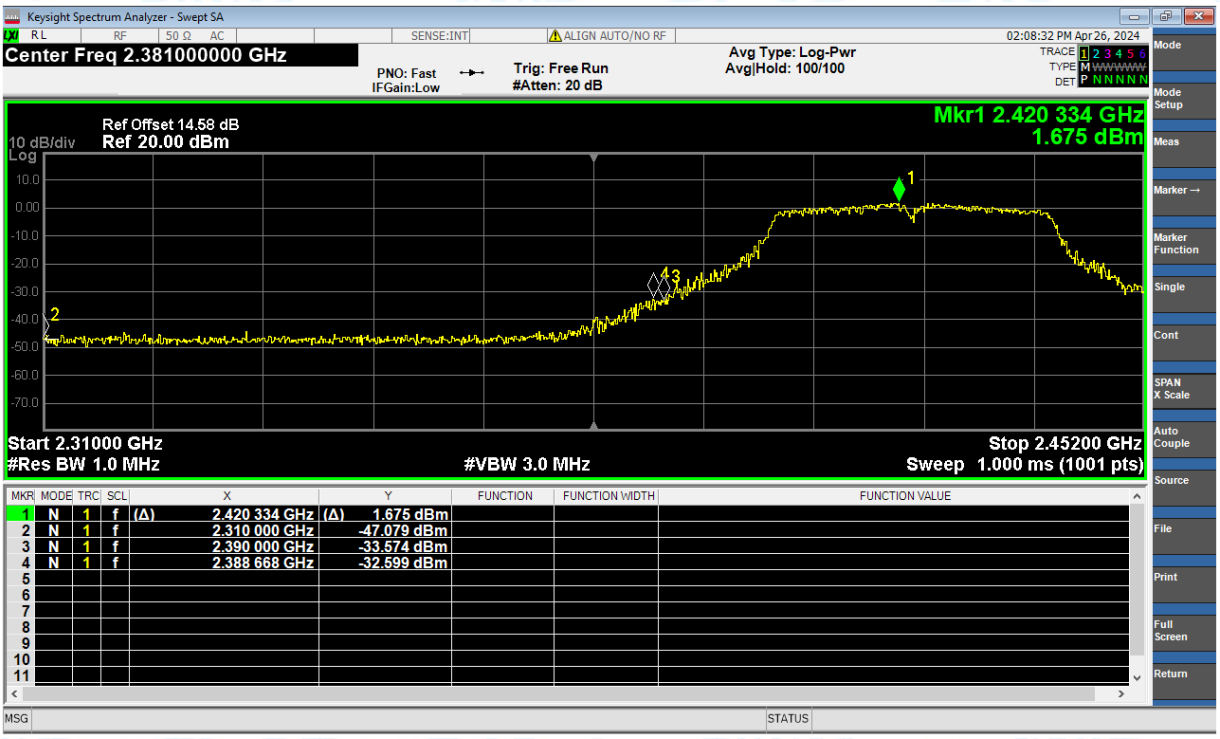
Restrict Band NVNT n(HT20) 2412MHz Ant1 Average



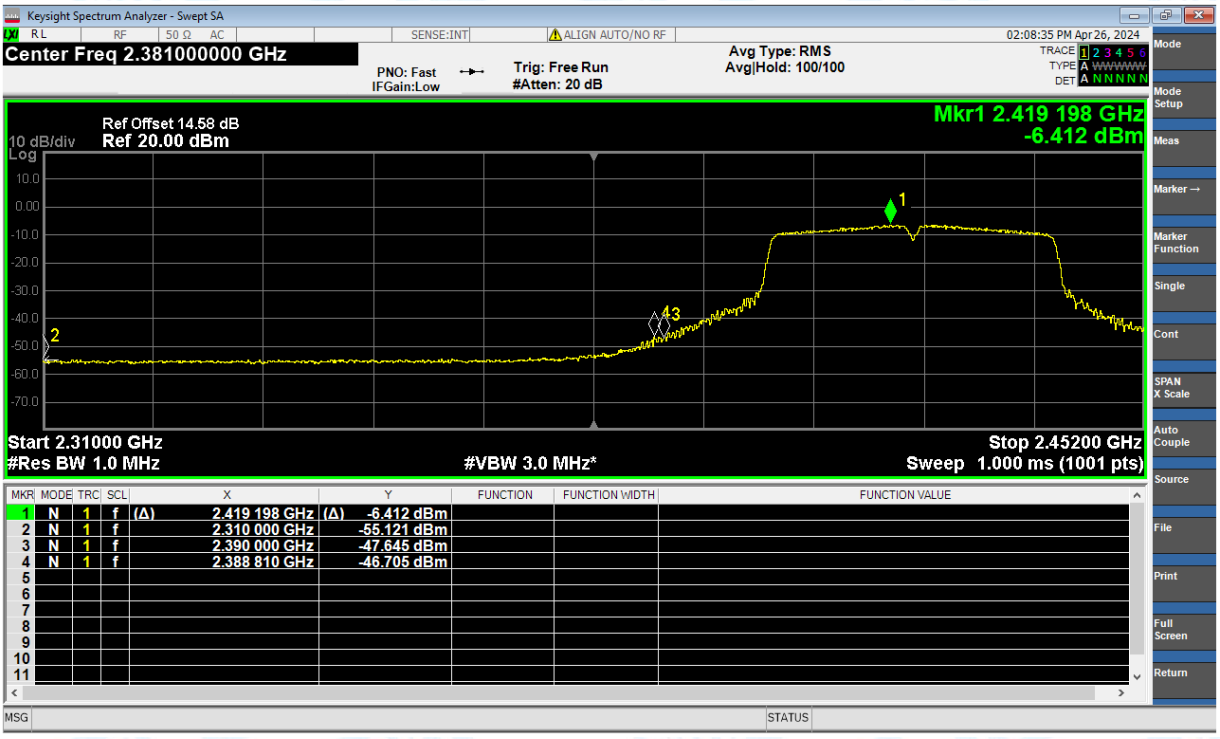
Restrict Band NVNT n(HT20) 2462MHz Ant1 Peak

Restrict Band NVNT n(HT20) 2462MHz Ant1 Average

Restrict Band NVNT n(HT40) 2422MHz Ant1 Peak



Restrict Band NVNT n(HT40) 2422MHz Ant1 Average



Restrict Band NVNT n(HT40) 2452MHz Ant1 Peak

Restrict Band NVNT n(HT40) 2452MHz Ant1 Average

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