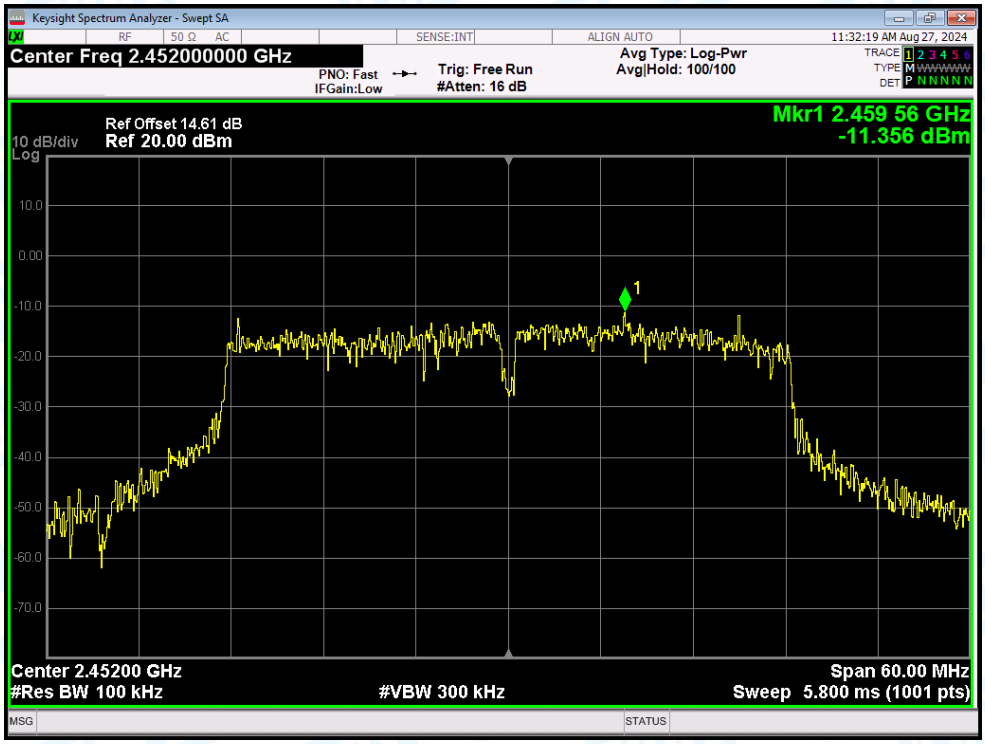
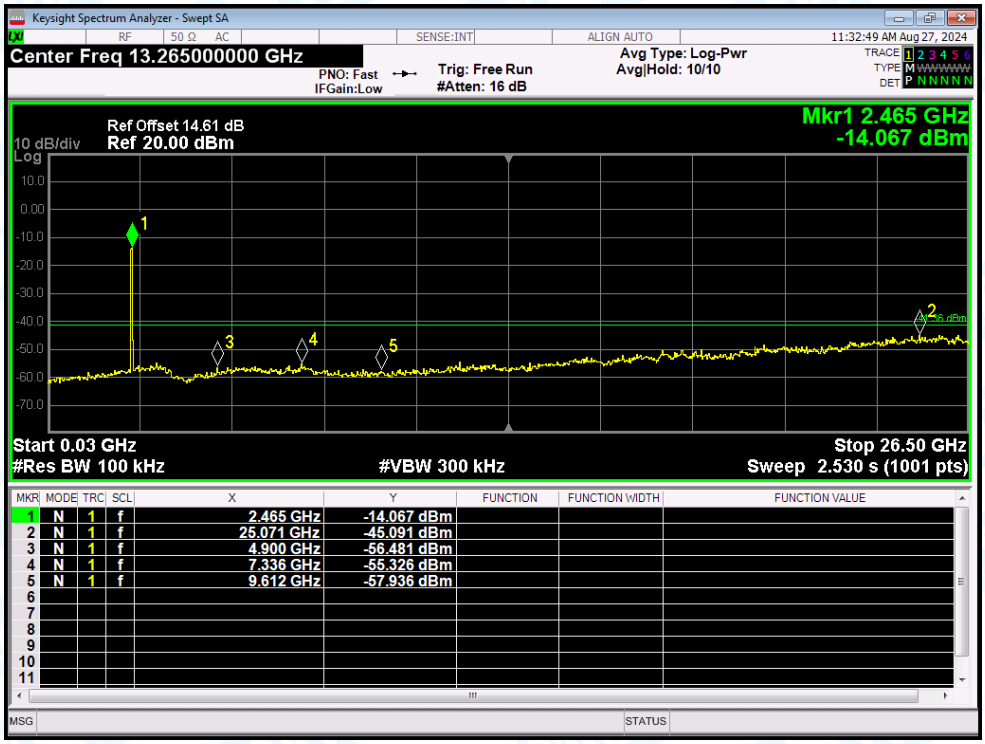
Tx. Spurious NVNT ax(HE40) 2452MHz Ant1 Ref



Tx. Spurious NVNT ax(HE40) 2452MHz Ant1 Emission



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.465 GHz	-14.067 dBm			
2	N	1	f	25.071 GHz	-45.091 dBm			
3	N	1	f	4.900 GHz	-56.481 dBm			
4	N	1	f	7.336 GHz	-55.326 dBm			
5	N	1	f	9.612 GHz	-57.936 dBm			
6								
7								
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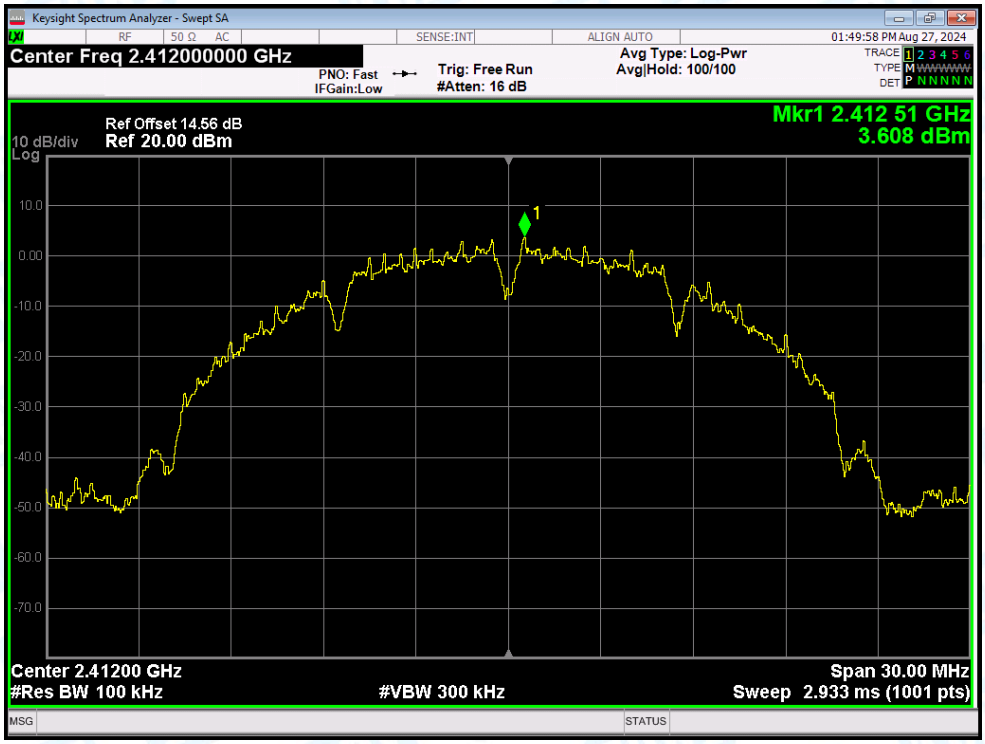
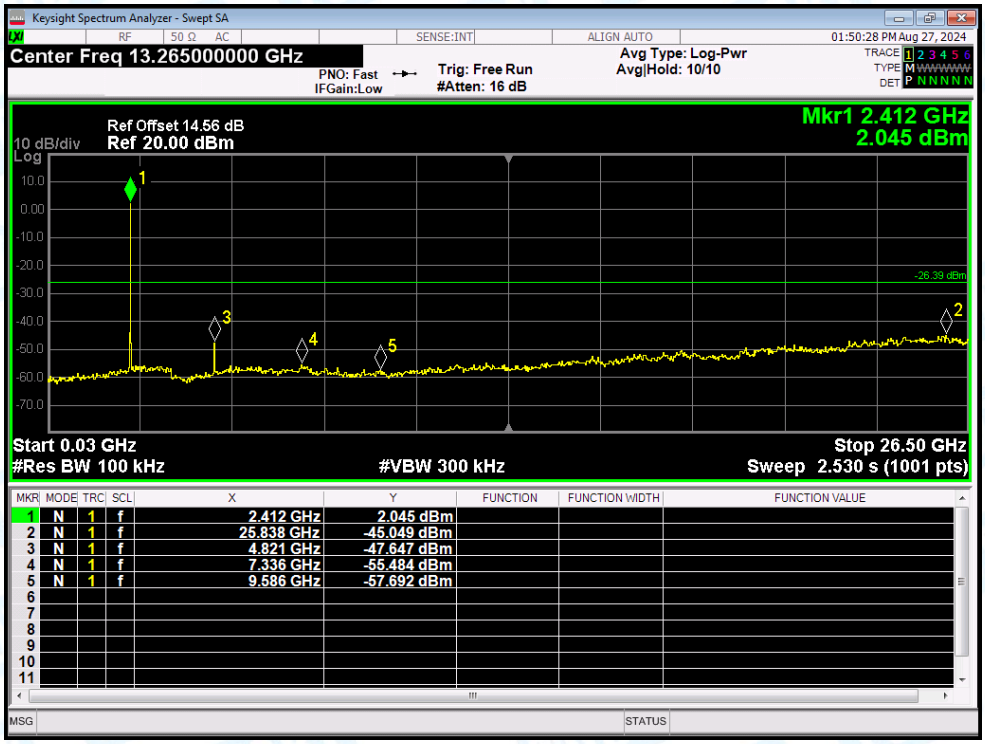
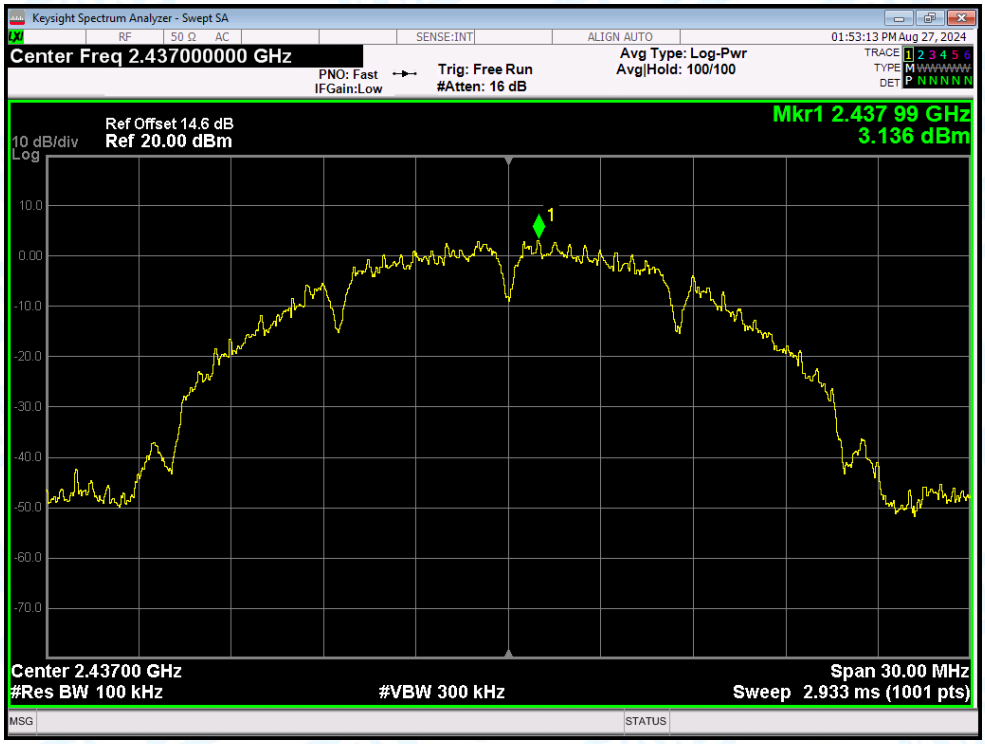
Tx. Spurious NVNT b 2412MHz Ant1 Ref



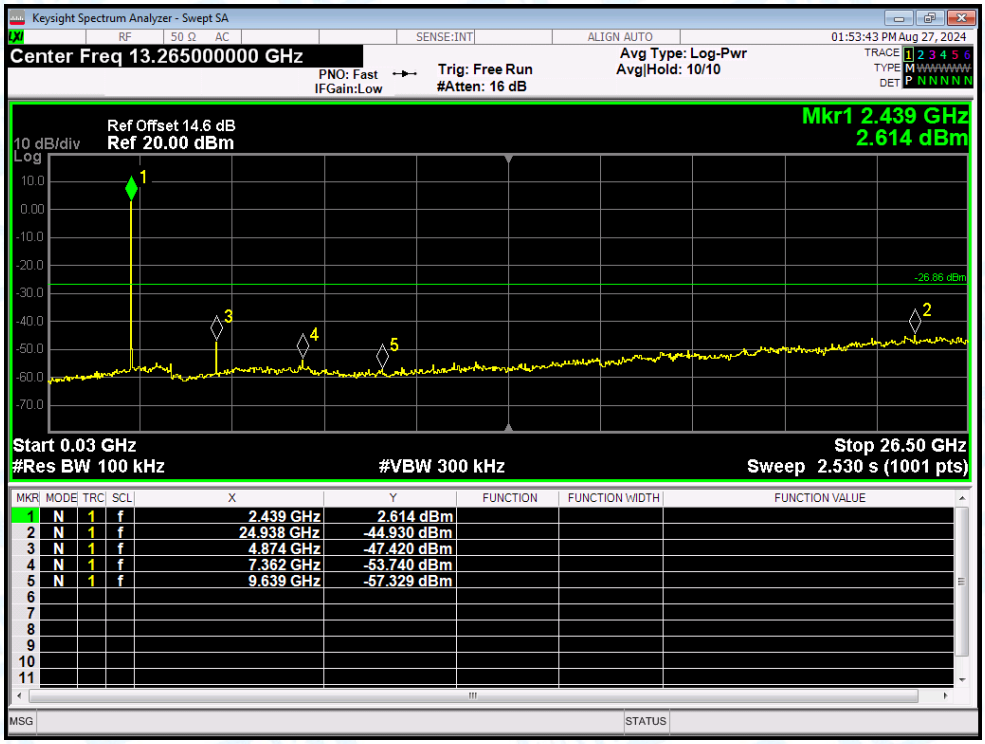
Tx. Spurious NVNT b 2412MHz Ant1 Emission



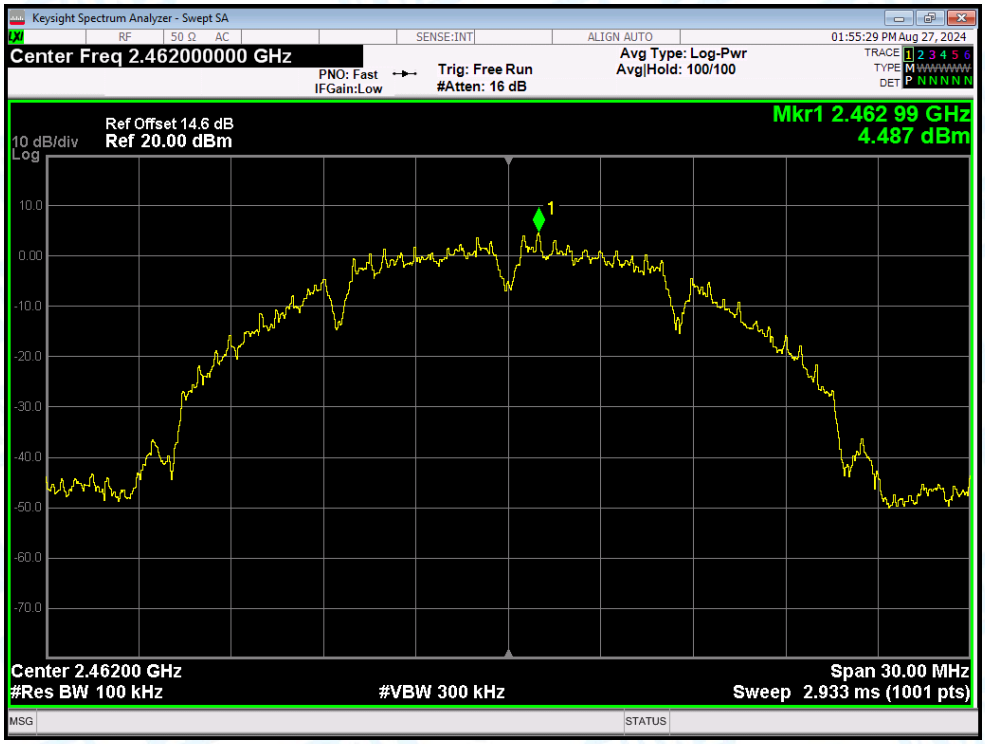
Tx. Spurious NVNT b 2437MHz Ant1 Ref



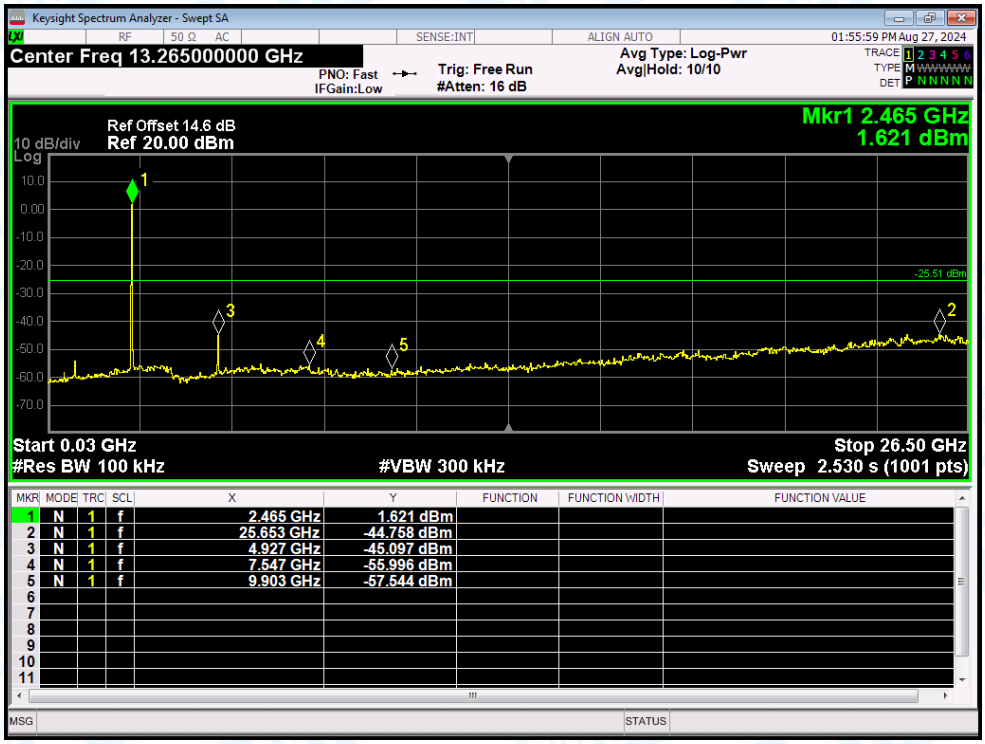
Tx. Spurious NVNT b 2437MHz Ant1 Emission



Tx. Spurious NVNT b 2462MHz Ant1 Ref

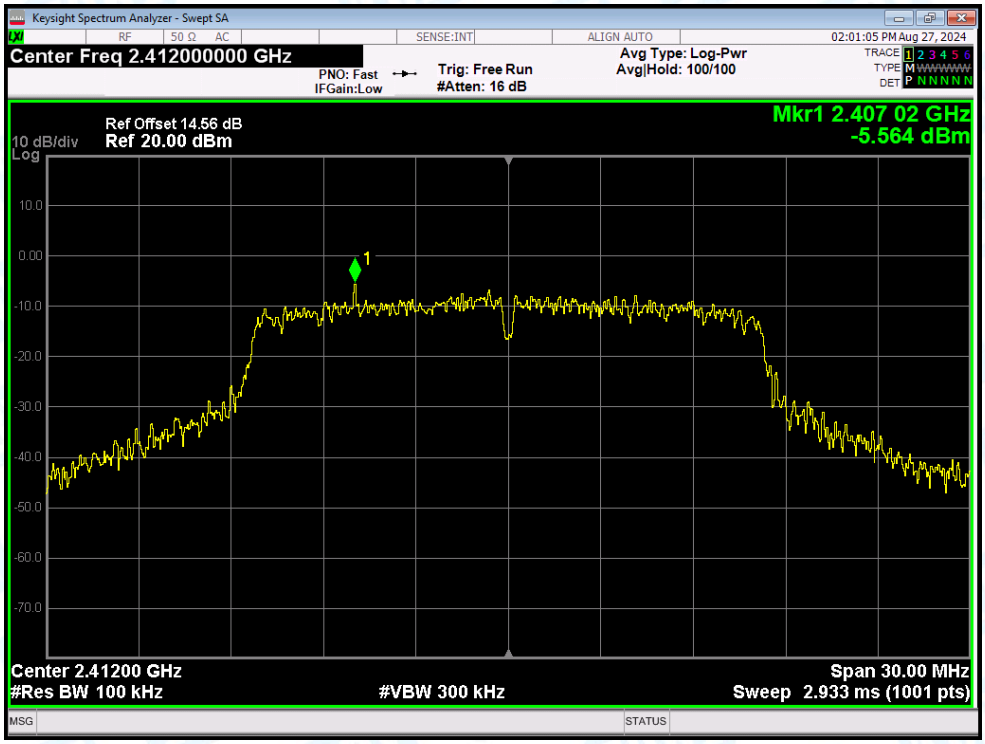


Tx. Spurious NVNT b 2462MHz Ant1 Emission

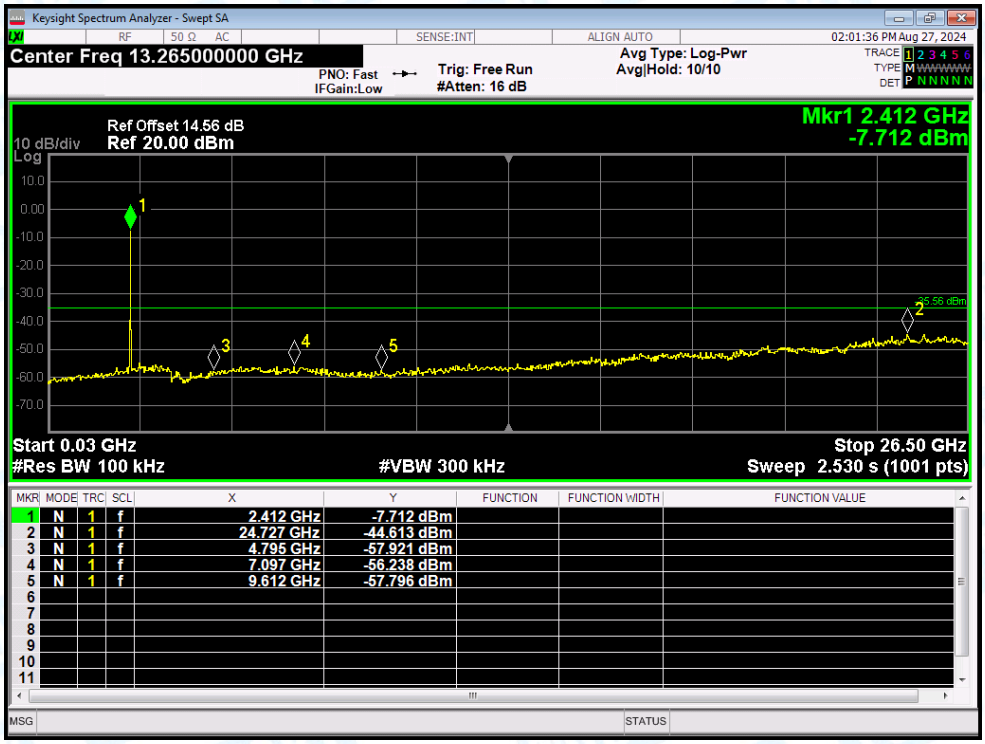


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.465 GHz	1.621 dBm			
2	N	1	f	25.653 GHz	-44.758 dBm			
3	N	1	f	4.927 GHz	-45.097 dBm			
4	N	1	f	7.547 GHz	-55.996 dBm			
5	N	1	f	9.903 GHz	-57.544 dBm			
6								
7								
8								
9								
10								
11								

Tx. Spurious NVNT g 2412MHz Ant1 Ref



Tx. Spurious NVNT g 2412MHz Ant1 Emission



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.412 GHz	-7.712 dBm			
2	N	1	f	24.727 GHz	-44.613 dBm			
3	N	1	f	4.795 GHz	-57.921 dBm			
4	N	1	f	7.097 GHz	-56.238 dBm			
5	N	1	f	9.612 GHz	-57.796 dBm			
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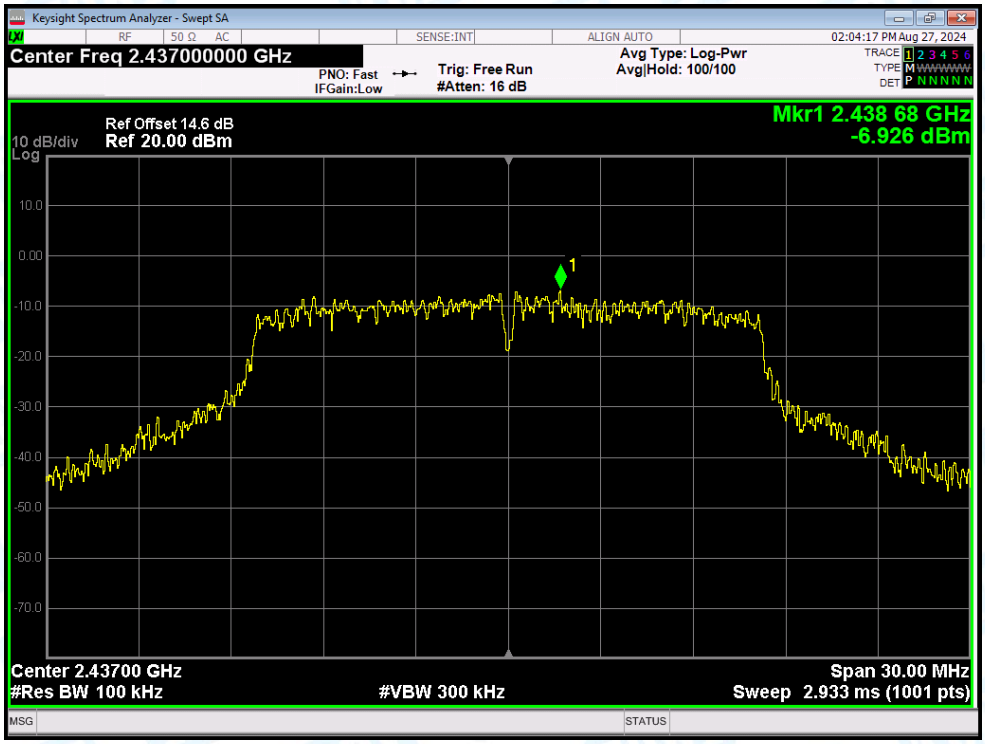
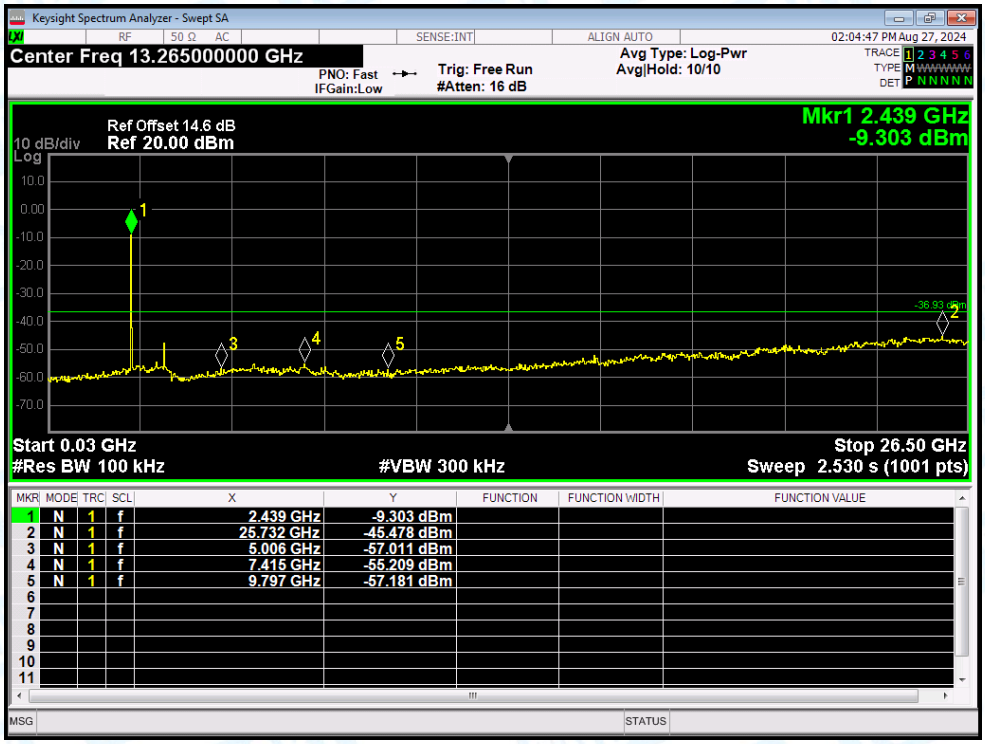
7								
8								
9								
10								
11								

Tx. Spurious NVNT g 2437MHz Ant1 Ref

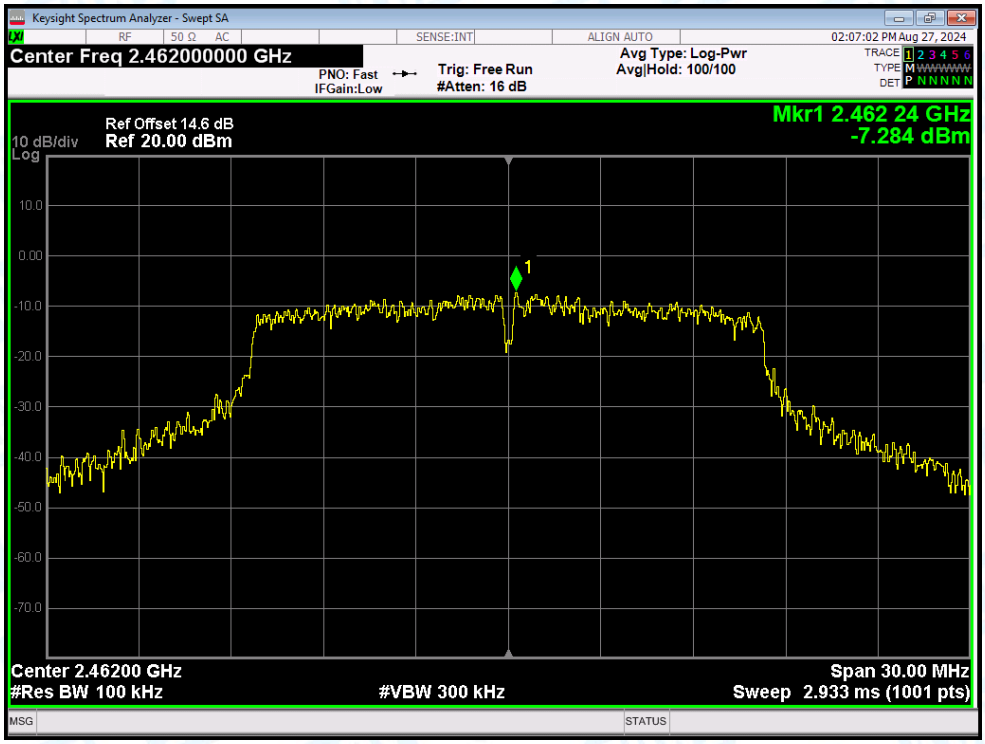


Tx. Spurious NVNT g 2437MHz Ant1 Emission

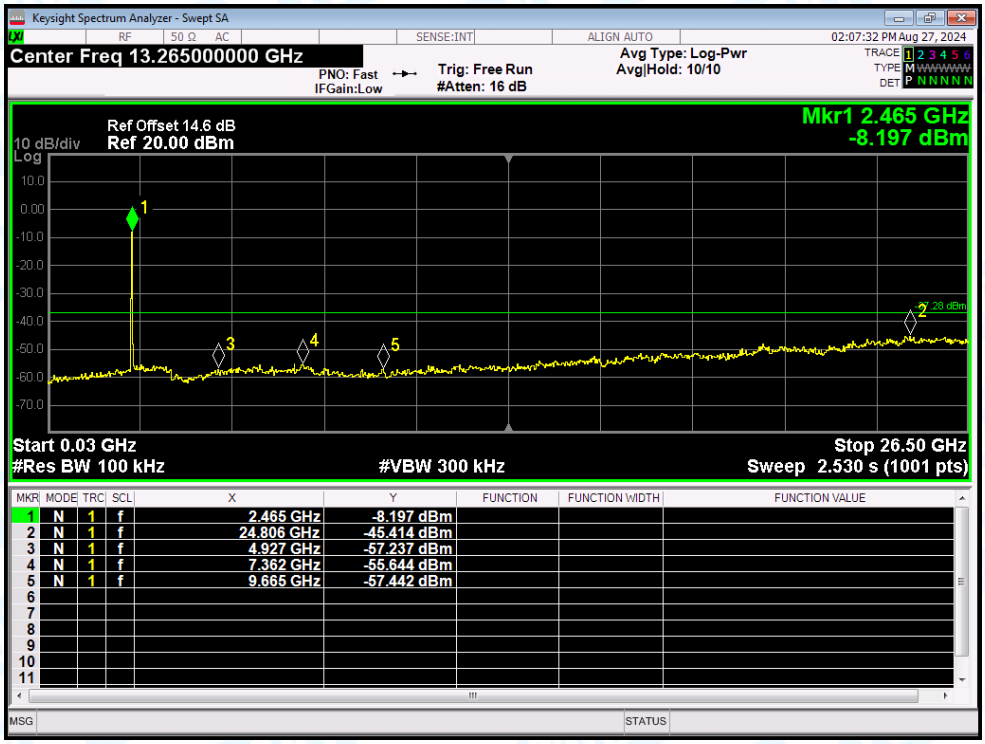


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.439 GHz	-9.303 dBm			
2	N	1	f	25.732 GHz	-45.478 dBm			
3	N	1	f	5.006 GHz	-57.011 dBm			
4	N	1	f	7.415 GHz	-55.209 dBm			
5	N	1	f	9.797 GHz	-57.181 dBm			
6								
7								
8								
9								
10								
11								

Tx. Spurious NVNT g 2462MHz Ant1 Ref

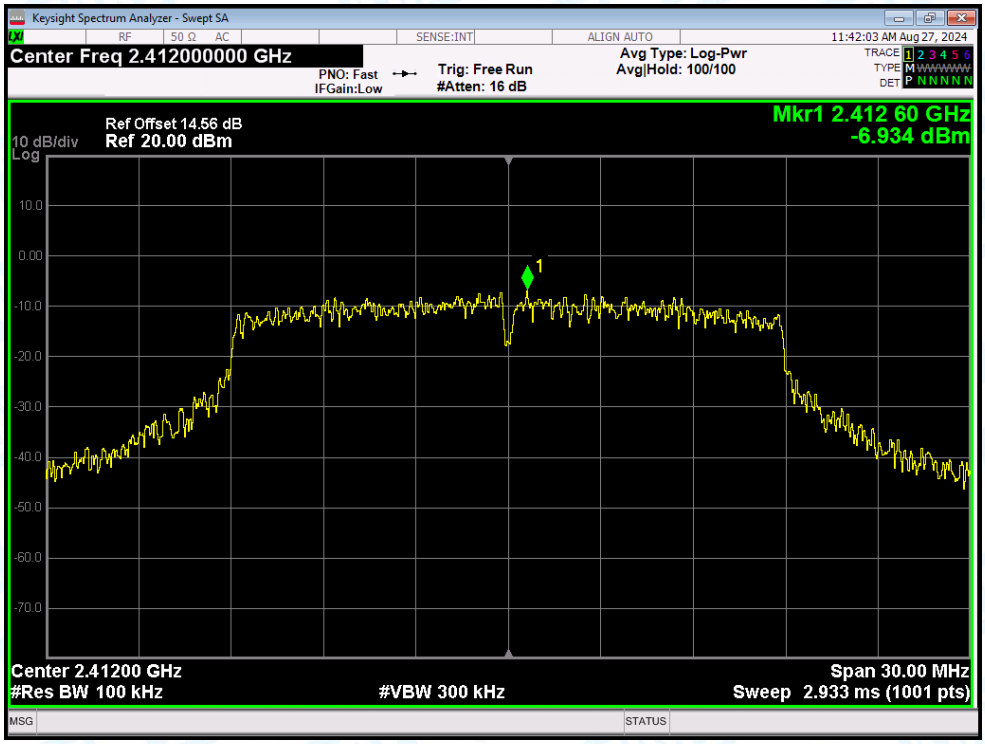


Tx. Spurious NVNT g 2462MHz Ant1 Emission

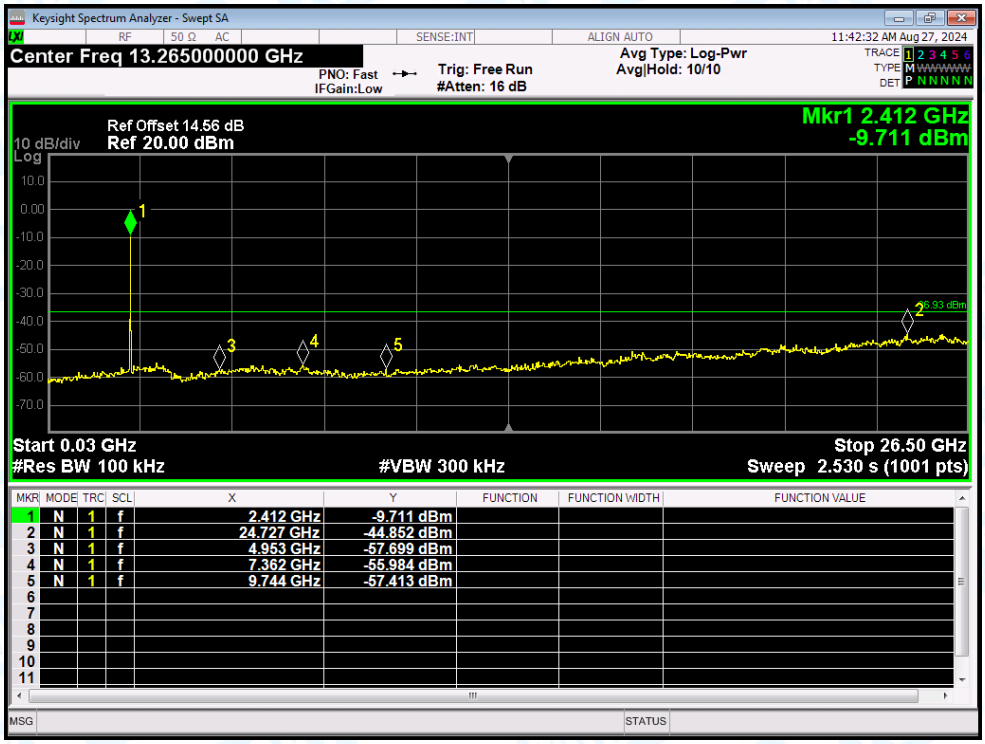


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.465 GHz	-8.197 dBm			
2	N	1	f	24.806 GHz	-45.414 dBm			
3	N	1	f	4.927 GHz	-57.237 dBm			
4	N	1	f	7.362 GHz	-55.644 dBm			
5	N	1	f	9.665 GHz	-57.442 dBm			
6								
7								
8								
9								
10								
11								

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

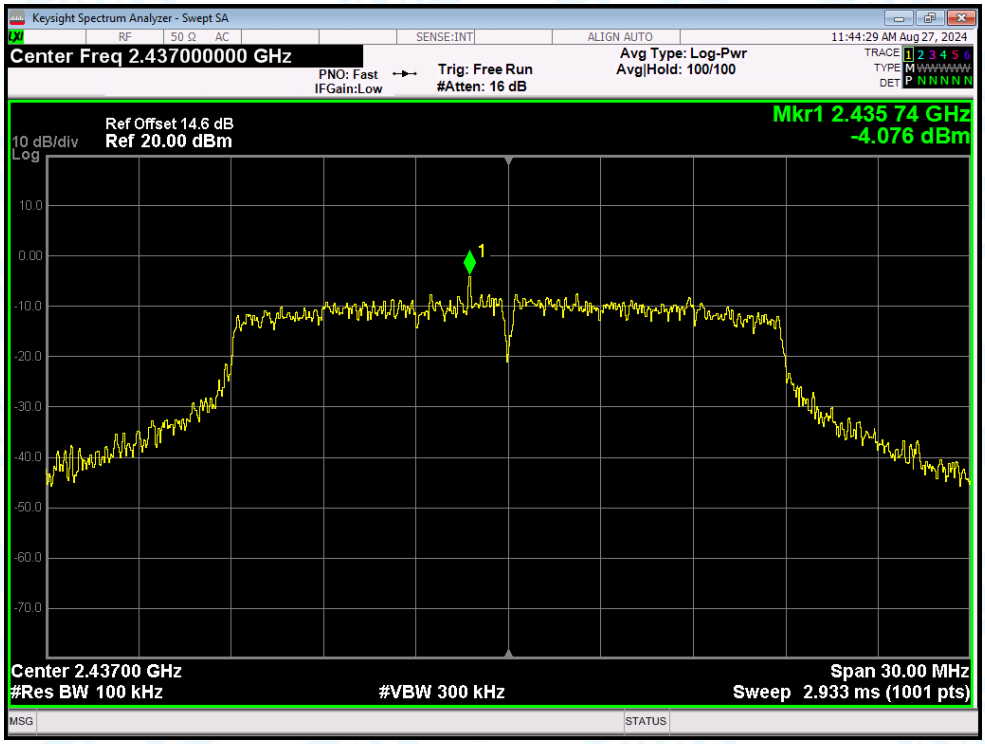


Tx. Spurious NVNT n(HT20) 2412MHz Ant1 Emission

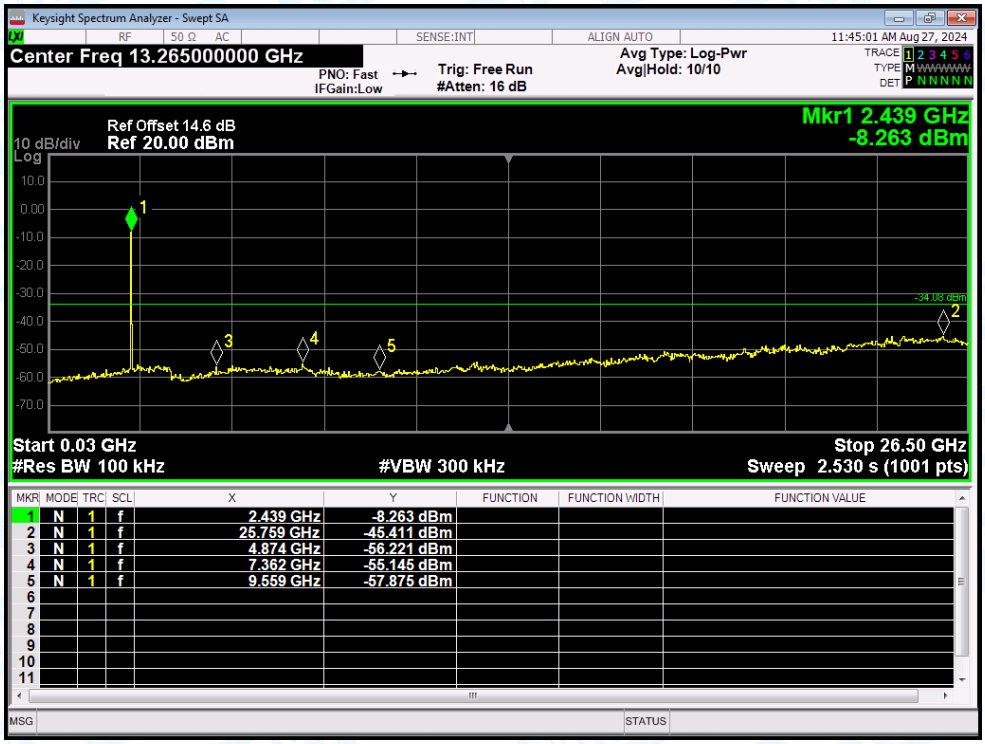


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.412 GHz	-9.711 dBm			
2	N	1	f	24.727 GHz	-44.852 dBm			
3	N	1	f	4.953 GHz	-57.699 dBm			
4	N	1	f	7.362 GHz	-55.984 dBm			
5	N	1	f	9.744 GHz	-57.413 dBm			
6								
7								
8								
9								
10								
11								

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

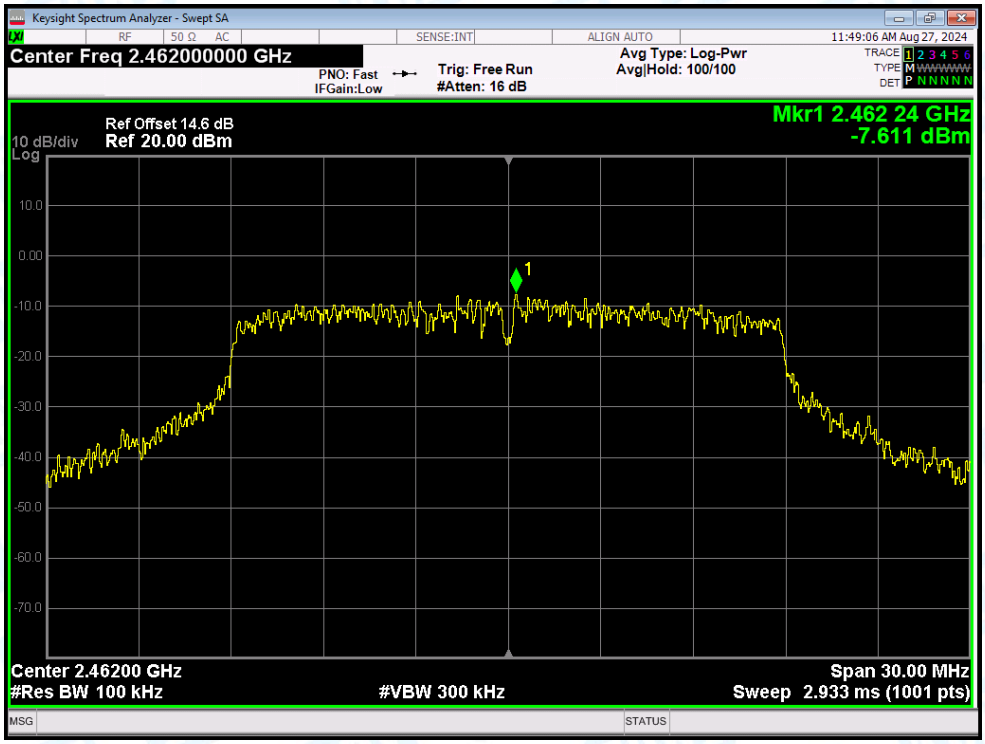


Tx. Spurious NVNT n(HT20) 2437MHz Ant1 Emission

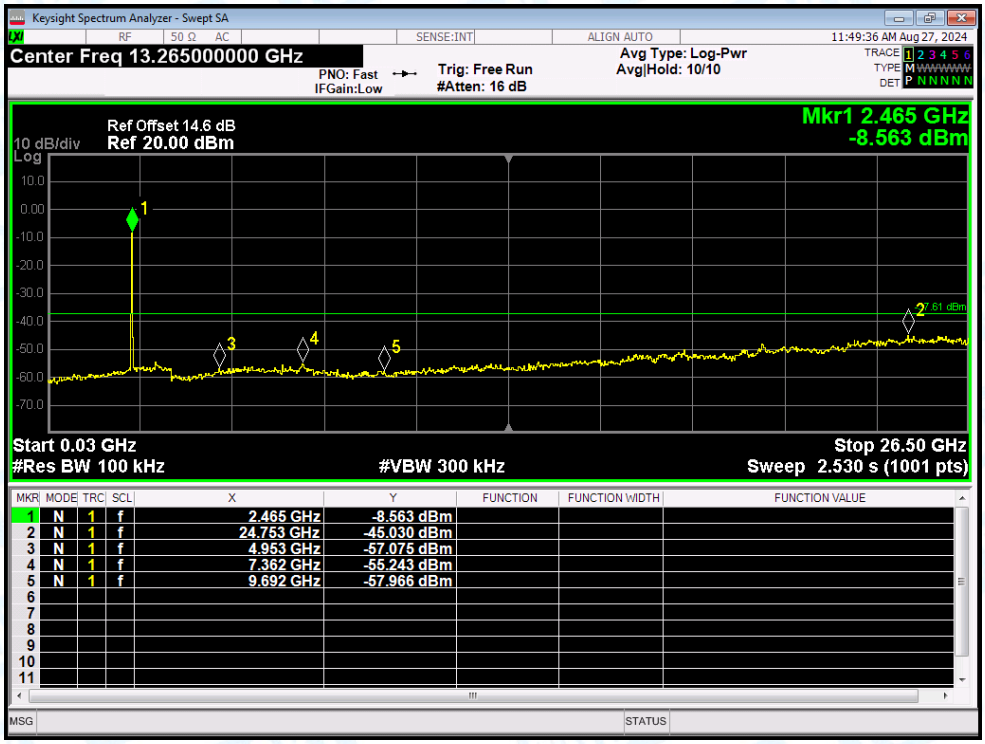


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.439 GHz	-8.263 dBm			
2	N	1	f	25.759 GHz	-45.411 dBm			
3	N	1	f	4.874 GHz	-56.221 dBm			
4	N	1	f	7.362 GHz	-55.145 dBm			
5	N	1	f	9.559 GHz	-57.875 dBm			
6								
7								
8								
9								
10								
11								

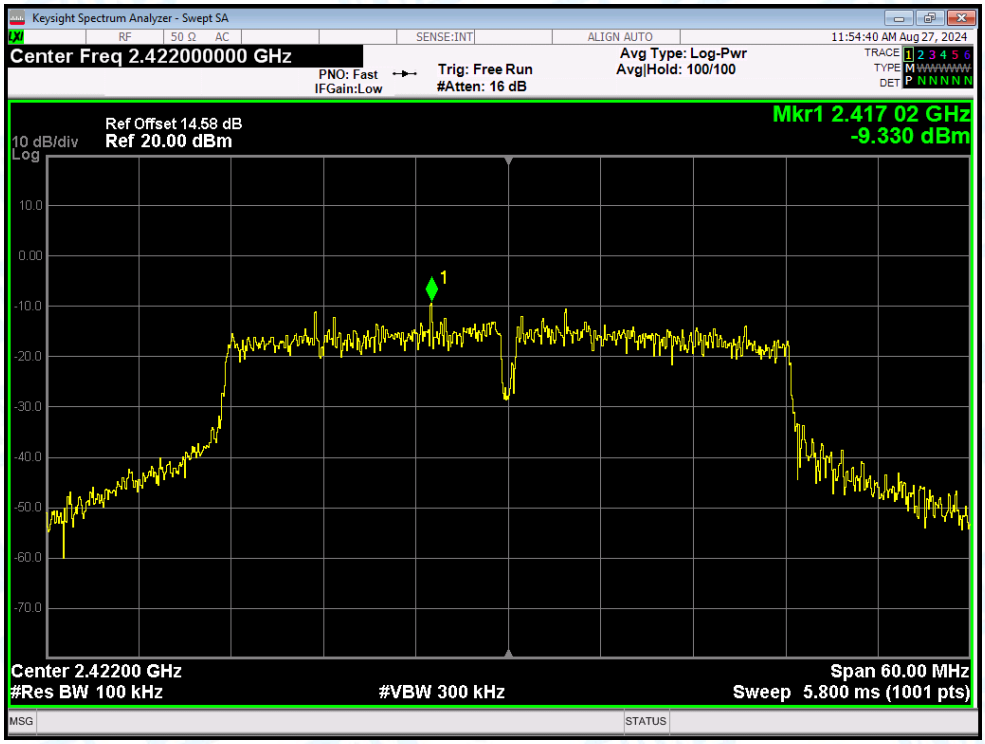
Tx. Spurious NVNT n(HT20) 2462MHz Ant1 Ref



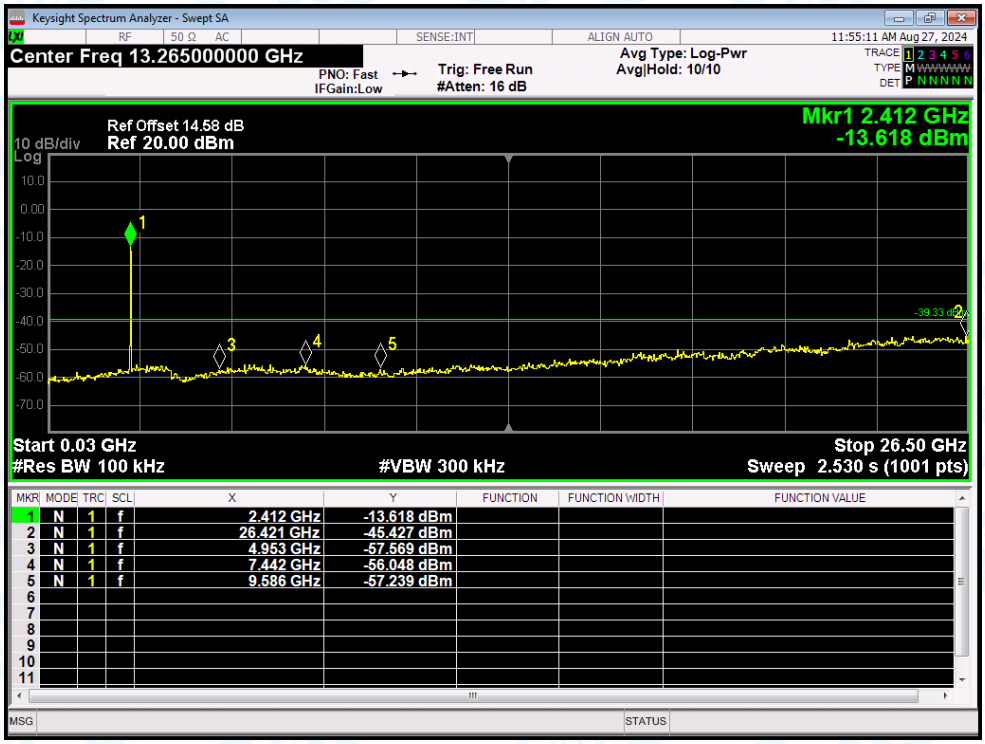
Tx. Spurious NVNT n(HT20) 2462MHz Ant1 Emission



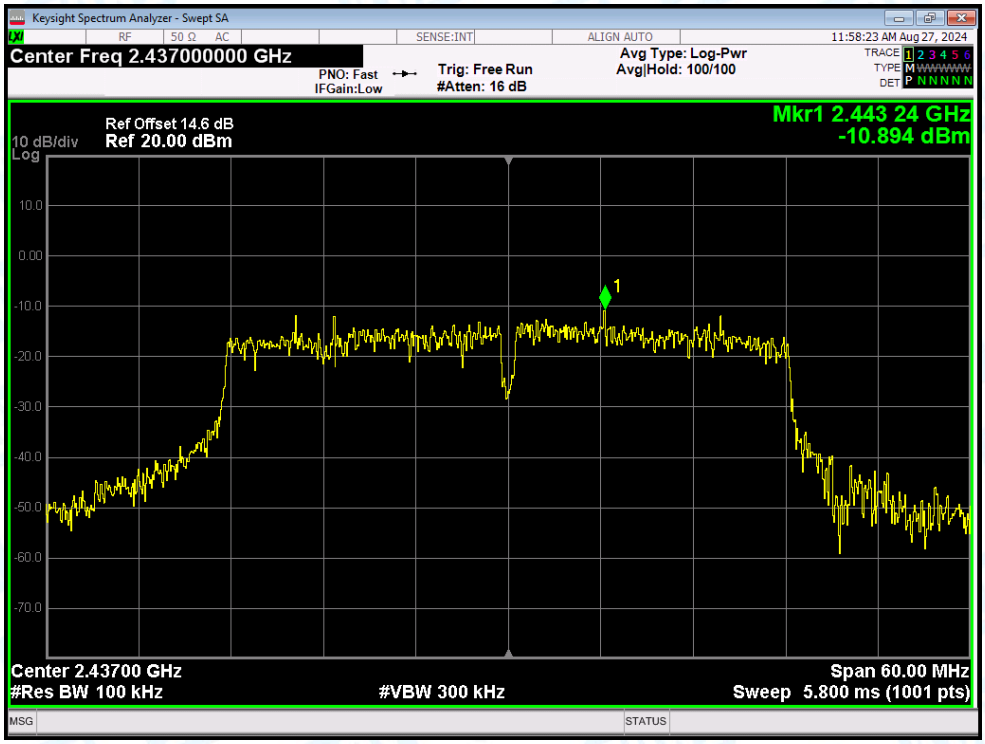
Tx. Spurious NVNT n(HT40) 2422MHz Ant1 Ref



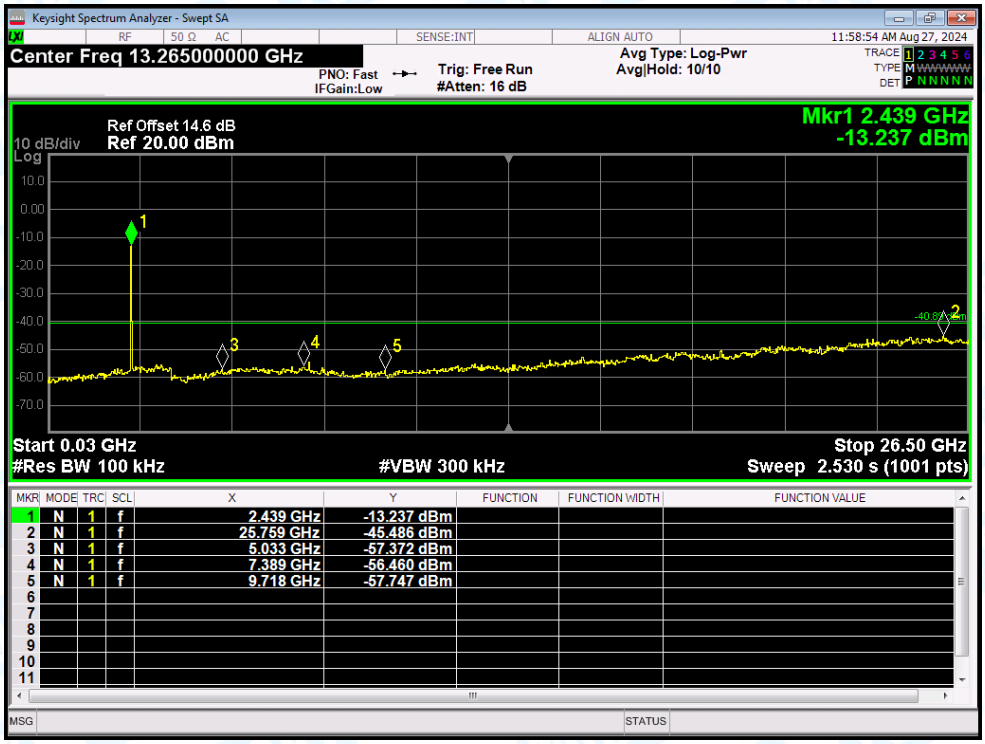
Tx. Spurious NVNT n(HT40) 2422MHz Ant1 Emission



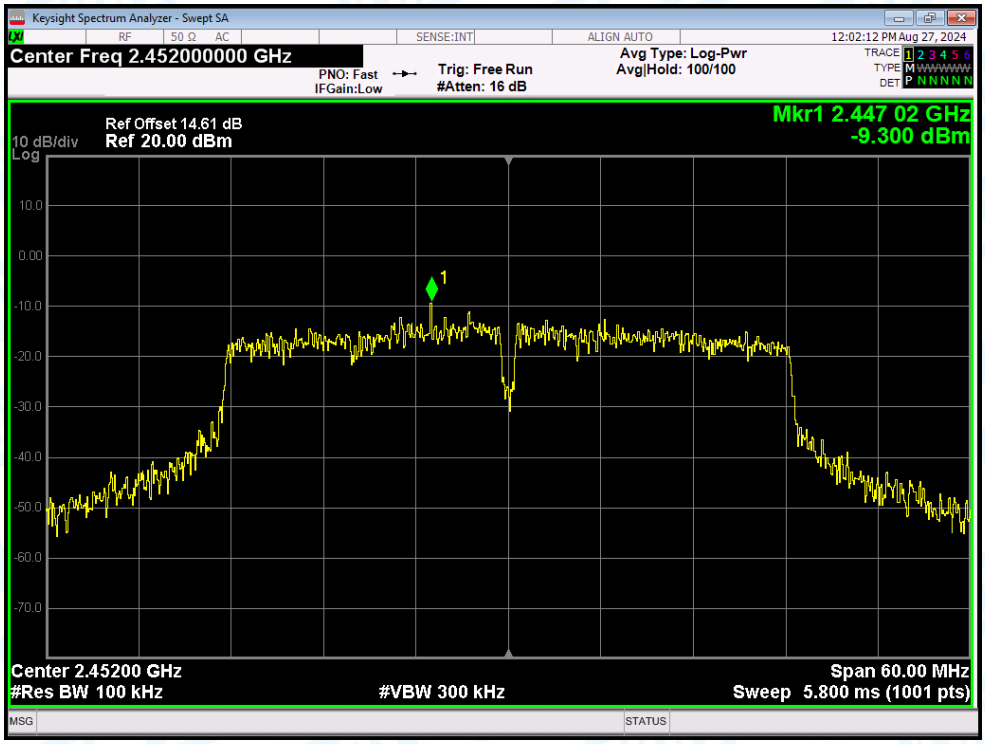
Tx. Spurious NVNT n(HT40) 2437MHz Ant1 Ref



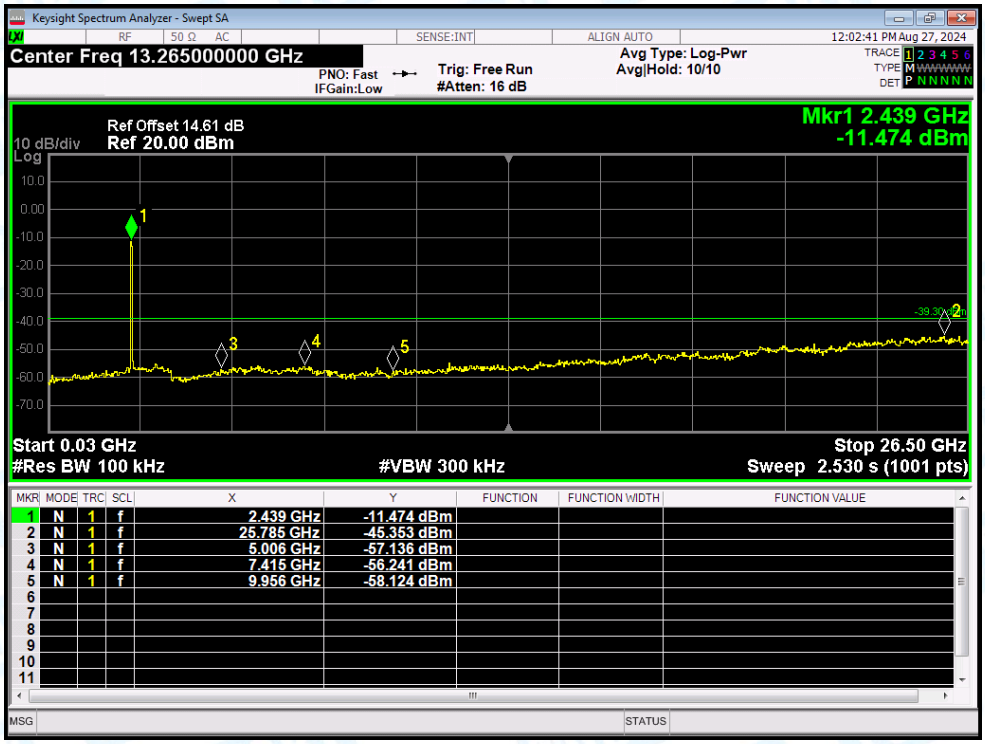
Tx. Spurious NVNT n(HT40) 2437MHz Ant1 Emission



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



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



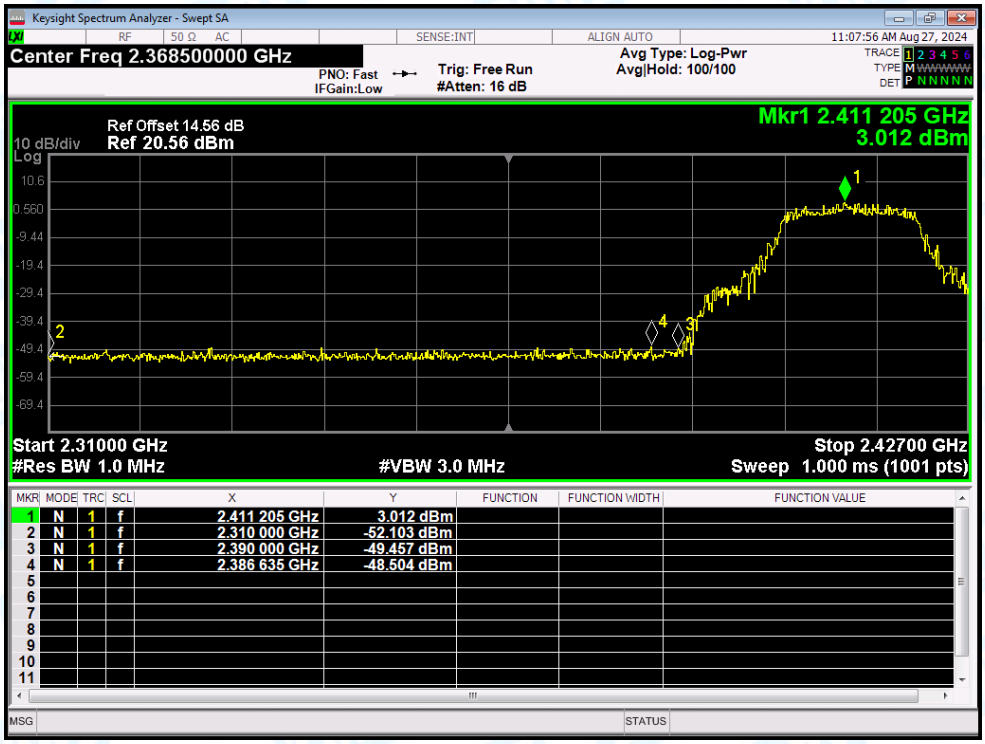
8. Restrict Band

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(HE20)	2412	Ant1	2310	-52.1	3.5	-	46.66	Peak	74	Pass
NVNT	ax(HE20)	2412	Ant1	2310	-60.35	3.5	9.52	47.93	Average	54	Pass
NVNT	ax(HE20)	2412	Ant1	2386.635	-48.5	3.5	-	50.26	Peak	74	Pass
NVNT	ax(HE20)	2412	Ant1	2381.019	-59.12	3.5	9.52	49.16	Average	54	Pass
NVNT	ax(HE20)	2412	Ant1	2390	-49.46	3.5	-	49.3	Peak	74	Pass
NVNT	ax(HE20)	2412	Ant1	2390	-59.88	3.5	9.52	48.4	Average	54	Pass
NVNT	ax(HE20)	2462	Ant1	2483.5	-51.19	3.5	-	47.57	Peak	74	Pass
NVNT	ax(HE20)	2462	Ant1	2483.5	-59.48	3.5	9.52	48.8	Average	54	Pass
NVNT	ax(HE20)	2462	Ant1	2484.206	-48.27	3.5	-	50.49	Peak	74	Pass
NVNT	ax(HE20)	2462	Ant1	2494.965	-58.79	3.5	9.52	49.49	Average	54	Pass
NVNT	ax(HE20)	2462	Ant1	2500	-49.36	3.5	-	49.4	Peak	74	Pass
NVNT	ax(HE20)	2462	Ant1	2500	-59.84	3.5	9.52	48.44	Average	54	Pass
NVNT	ax(HE40)	2422	Ant1	2310	-51.94	3.5	-	46.82	Peak	74	Pass
NVNT	ax(HE40)	2422	Ant1	2310	-60.53	3.5	12.31	50.54	Average	54	Pass
NVNT	ax(HE40)	2422	Ant1	2389.662	-38.44	3.5	-	60.32	Peak	74	Pass
NVNT	ax(HE40)	2422	Ant1	2389.236	-57.25	3.5	12.31	53.82	Average	54	Pass
NVNT	ax(HE40)	2422	Ant1	2390	-39.76	3.5	-	59	Peak	74	Pass
NVNT	ax(HE40)	2422	Ant1	2390	-60.06	3.5	12.31	51.01	Average	54	Pass
NVNT	ax(HE40)	2452	Ant1	2483.5	-42.85	3.5	-	55.91	Peak	74	Pass
NVNT	ax(HE40)	2452	Ant1	2483.5	-57.85	3.5	12.31	53.22	Average	54	Pass
NVNT	ax(HE40)	2452	Ant1	2484.4	-36.97	3.5	-	61.79	Peak	74	Pass
NVNT	ax(HE40)	2452	Ant1	2485.804	-57.1	3.5	12.31	53.97	Average	54	Pass
NVNT	ax(HE40)	2452	Ant1	2500	-52.37	3.5	-	46.39	Peak	74	Pass
NVNT	ax(HE40)	2452	Ant1	2500	-59.68	3.5	12.31	51.39	Average	54	Pass
NVNT	b	2412	Ant1	2310	-51.87	3.5	-	46.89	Peak	74	Pass
NVNT	b	2412	Ant1	2310	-59.83	3.5	3.47	42.4	Average	54	Pass
NVNT	b	2412	Ant1	2375.052	-46.53	3.5	-	52.23	Peak	74	Pass
NVNT	b	2412	Ant1	2386.284	-56.65	3.5	3.47	45.58	Average	54	Pass
NVNT	b	2412	Ant1	2390	-49.56	3.5	-	49.2	Peak	74	Pass
NVNT	b	2412	Ant1	2390	-58.99	3.5	3.47	43.24	Average	54	Pass
NVNT	b	2462	Ant1	2483.5	-51.52	3.5	-	47.24	Peak	74	Pass
NVNT	b	2462	Ant1	2483.5	-58.67	3.5	3.48	43.57	Average	54	Pass
NVNT	b	2462	Ant1	2488.446	-46.86	3.5	-	51.9	Peak	74	Pass
NVNT	b	2462	Ant1	2488.287	-56.73	3.5	3.48	45.51	Average	54	Pass
NVNT	b	2462	Ant1	2500	-50.47	3.5	-	48.29	Peak	74	Pass
NVNT	b	2462	Ant1	2500	-58.06	3.5	3.48	44.18	Average	54	Pass
NVNT	g	2412	Ant1	2310	-52.84	3.5	-	45.92	Peak	74	Pass
NVNT	g	2412	Ant1	2310	-60.4	3.5	9.23	47.59	Average	54	Pass
NVNT	g	2412	Ant1	2376.105	-47.72	3.5	-	51.04	Peak	74	Pass
NVNT	g	2412	Ant1	2389.677	-59.07	3.5	9.23	48.92	Average	54	Pass
NVNT	g	2412	Ant1	2390	-50.75	3.5	-	48.01	Peak	74	Pass

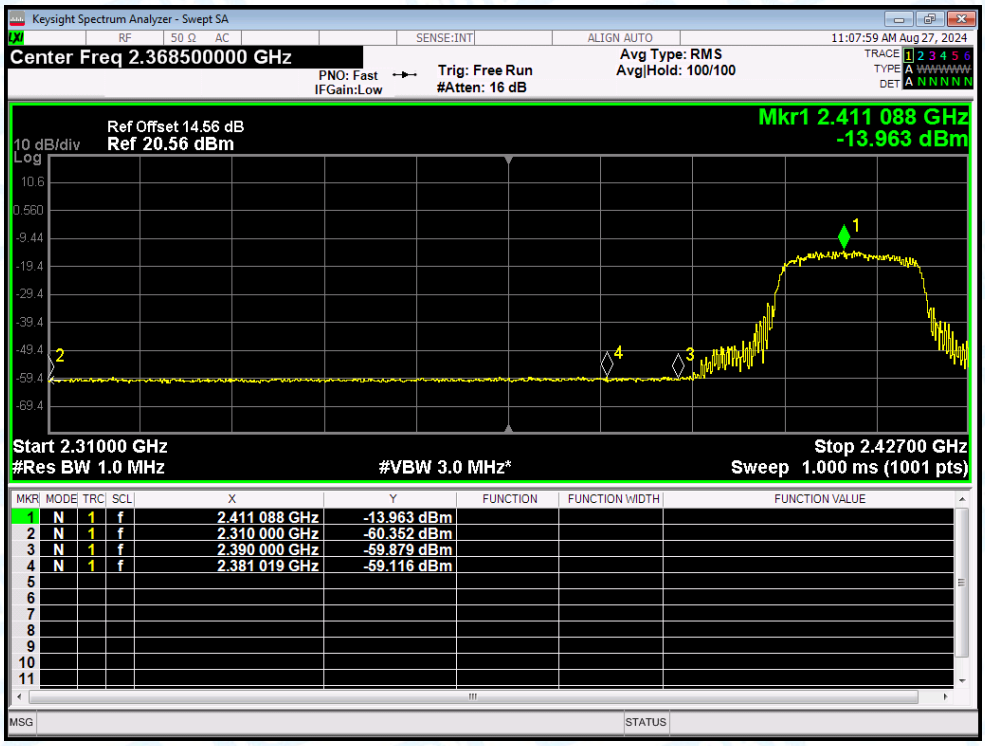
NVNT	g	2412	Ant1	2390	-59.92	3.5	9.23	48.07	Average	54	Pass
NVNT	g	2462	Ant1	2483.5	-50.93	3.5	-	47.83	Peak	74	Pass
NVNT	g	2462	Ant1	2483.5	-59.58	3.5	9.26	48.44	Average	54	Pass
NVNT	g	2462	Ant1	2489.877	-47.18	3.5	-	51.58	Peak	74	Pass
NVNT	g	2462	Ant1	2485.213	-58.43	3.5	9.26	49.59	Average	54	Pass
NVNT	g	2462	Ant1	2500	-51.88	3.5	-	46.88	Peak	74	Pass
NVNT	g	2462	Ant1	2500	-59.56	3.5	9.26	48.46	Average	54	Pass
NVNT	n(HT20)	2412	Ant1	2310	-52.6	3.5	-	46.16	Peak	74	Pass
NVNT	n(HT20)	2412	Ant1	2310	-60.71	3.5	9.52	47.57	Average	54	Pass
NVNT	n(HT20)	2412	Ant1	2389.677	-48.49	3.5	-	50.27	Peak	74	Pass
NVNT	n(HT20)	2412	Ant1	2383.008	-59.1	3.5	9.52	49.18	Average	54	Pass
NVNT	n(HT20)	2412	Ant1	2390	-50.38	3.5	-	48.38	Peak	74	Pass
NVNT	n(HT20)	2412	Ant1	2390	-59.69	3.5	9.52	48.59	Average	54	Pass
NVNT	n(HT20)	2462	Ant1	2483.5	-51.31	3.5	-	47.45	Peak	74	Pass
NVNT	n(HT20)	2462	Ant1	2483.5	-59.53	3.5	9.48	48.71	Average	54	Pass
NVNT	n(HT20)	2462	Ant1	2495.071	-48.72	3.5	-	50.04	Peak	74	Pass
NVNT	n(HT20)	2462	Ant1	2497.88	-58.44	3.5	9.48	49.8	Average	54	Pass
NVNT	n(HT20)	2462	Ant1	2500	-51.43	3.5	-	47.33	Peak	74	Pass
NVNT	n(HT20)	2462	Ant1	2500	-59.63	3.5	9.48	48.61	Average	54	Pass
NVNT	n(HT40)	2422	Ant1	2310	-52.18	3.5	-	46.58	Peak	74	Pass
NVNT	n(HT40)	2422	Ant1	2310	-60.57	3.5	12.25	50.44	Average	54	Pass
NVNT	n(HT40)	2422	Ant1	2388.668	-36.09	3.5	-	62.67	Peak	74	Pass
NVNT	n(HT40)	2422	Ant1	2388.668	-57.23	3.5	12.25	53.78	Average	54	Pass
NVNT	n(HT40)	2422	Ant1	2390	-45.26	3.5	-	53.5	Peak	74	Pass
NVNT	n(HT40)	2422	Ant1	2390	-57.47	3.5	12.25	53.54	Average	54	Pass
NVNT	n(HT40)	2452	Ant1	2483.5	-49.9	3.5	-	48.86	Peak	74	Pass
NVNT	n(HT40)	2452	Ant1	2483.5	-58.85	3.5	12.31	52.22	Average	54	Pass
NVNT	n(HT40)	2452	Ant1	2484.088	-38.76	3.5	-	60	Peak	74	Pass
NVNT	n(HT40)	2452	Ant1	2483.62	-57.56	3.5	12.31	53.51	Average	54	Pass
NVNT	n(HT40)	2452	Ant1	2500	-52.3	3.5	-	46.46	Peak	74	Pass
NVNT	n(HT40)	2452	Ant1	2500	-59.47	3.5	12.31	51.6	Average	54	Pass

Test Graphs

Restrict Band NVNT ax(HE20) 2412MHz Ant1 Peak

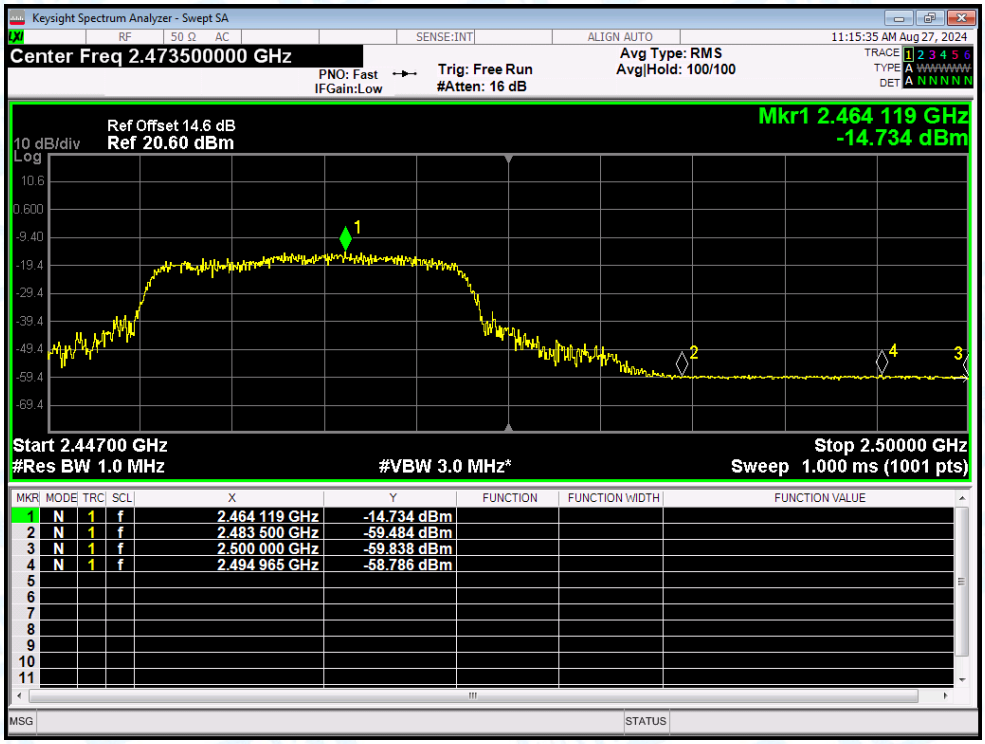


Restrict Band NVNT ax(HE20) 2412MHz Ant1 Average

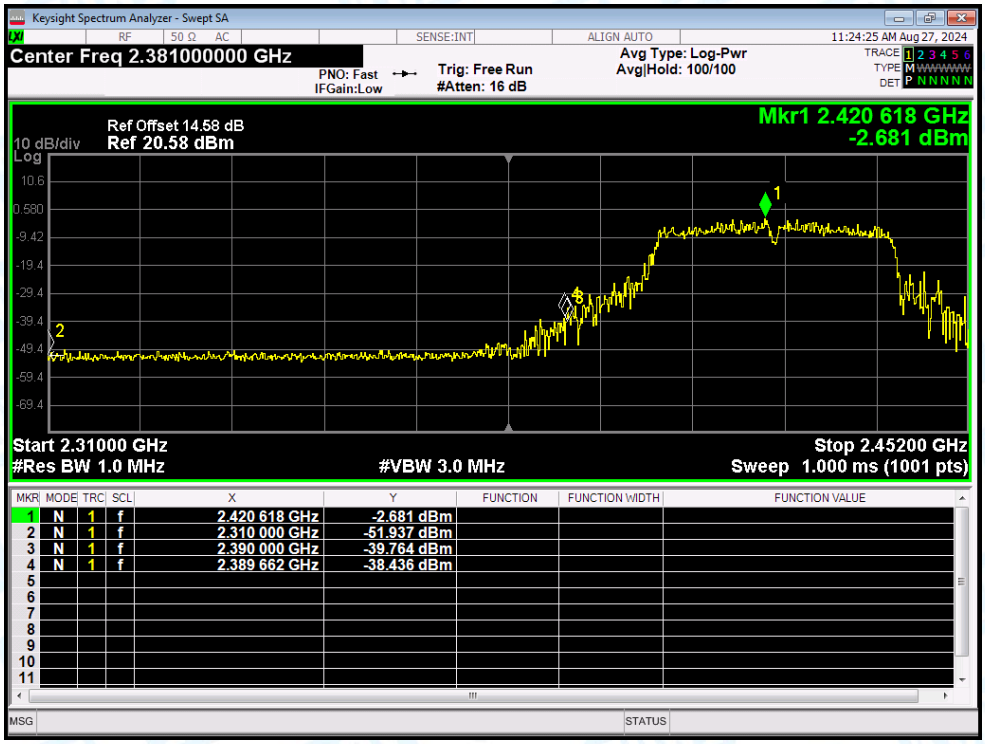


Restrict Band NVNT ax(HE20) 2462MHz Ant1 Peak

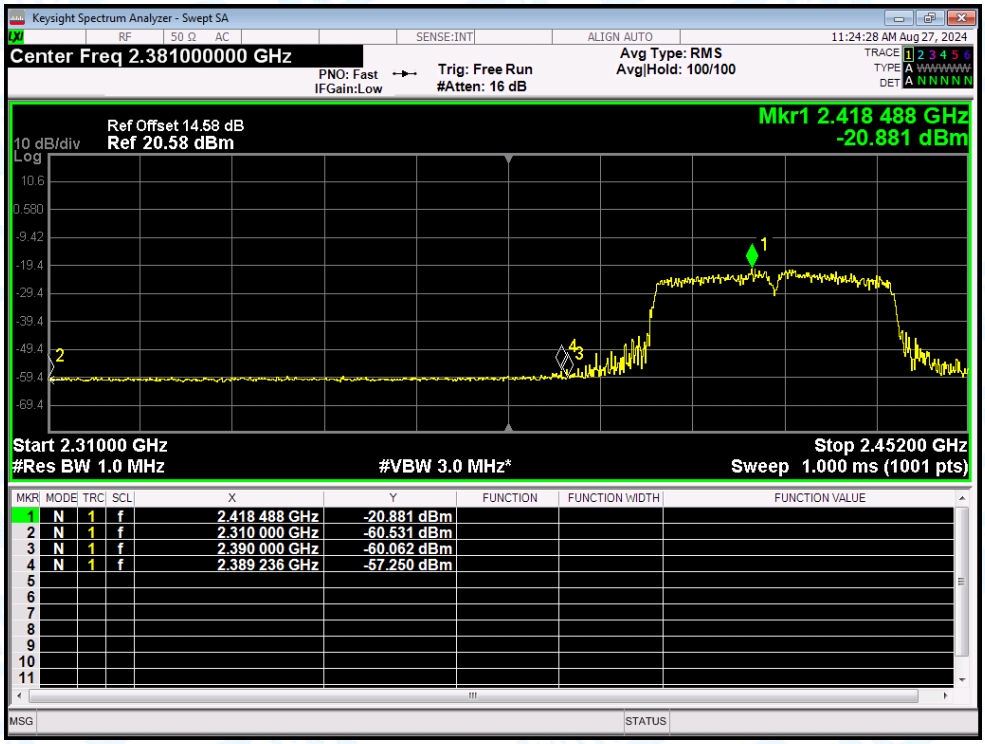
Restrict Band NVNT ax(HE20) 2462MHz Ant1 Average



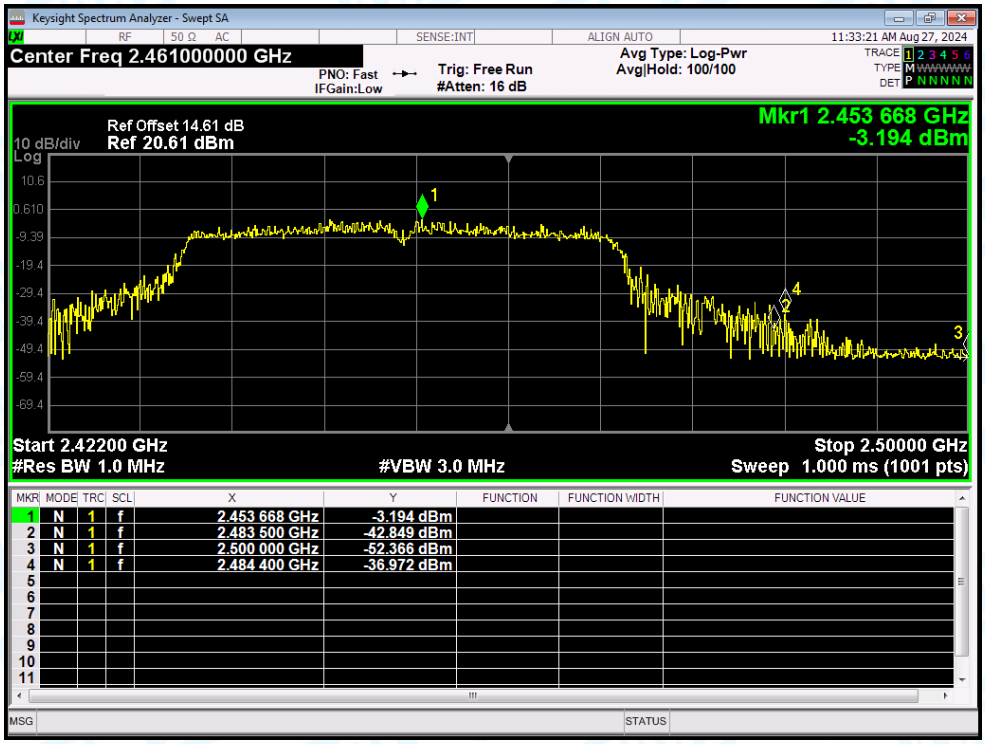
Restrict Band NVNT ax(HE40) 2422MHz Ant1 Peak



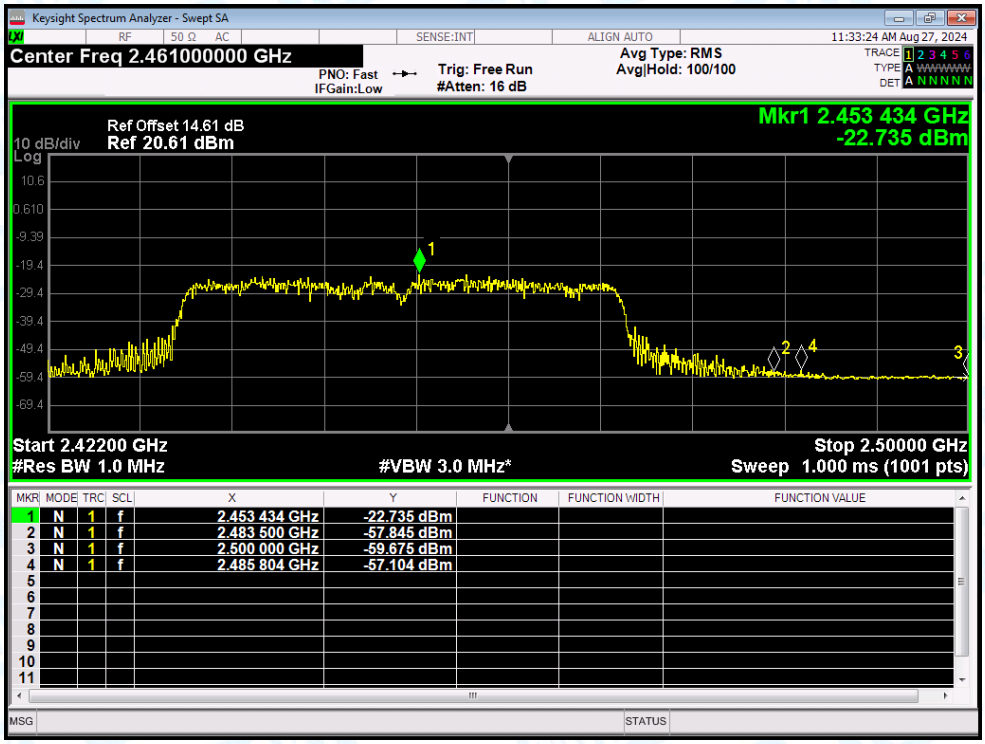
Restrict Band NVNT ax(HE40) 2422MHz Ant1 Average



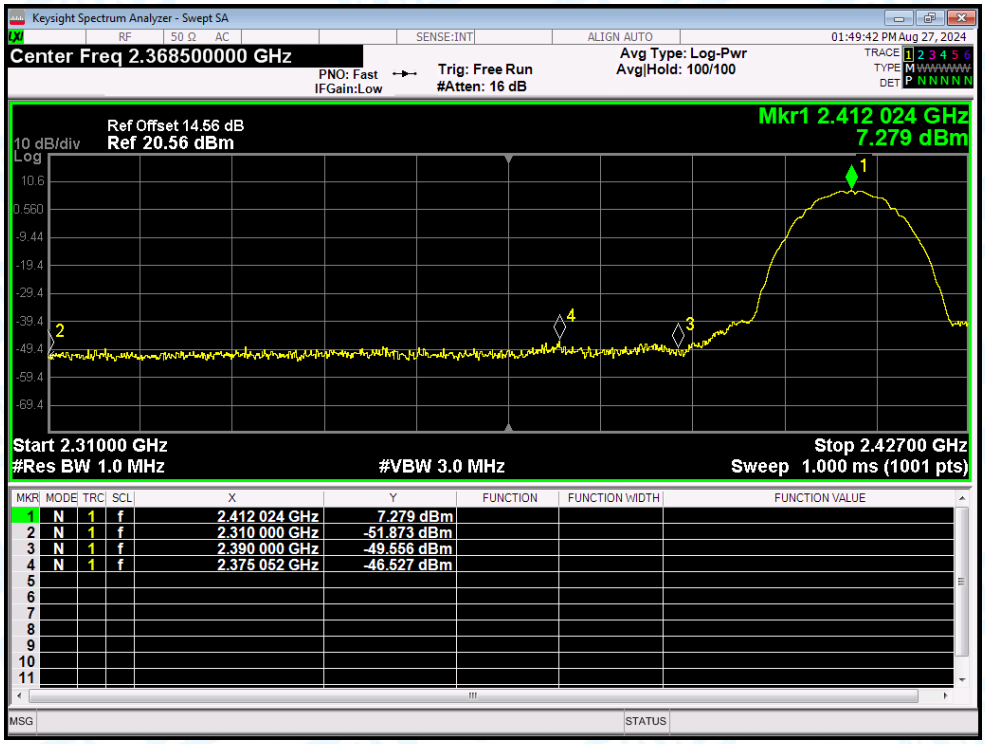
Restrict Band NVNT ax(HE40) 2452MHz Ant1 Peak



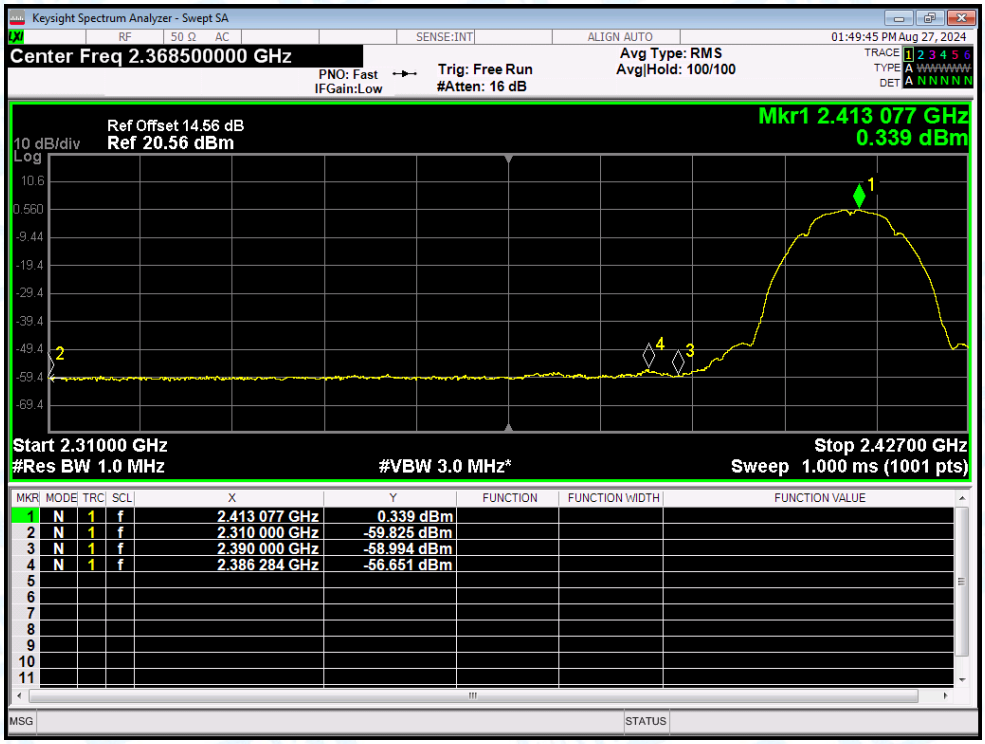
Restrict Band NVNT ax(HE40) 2452MHz Ant1 Average



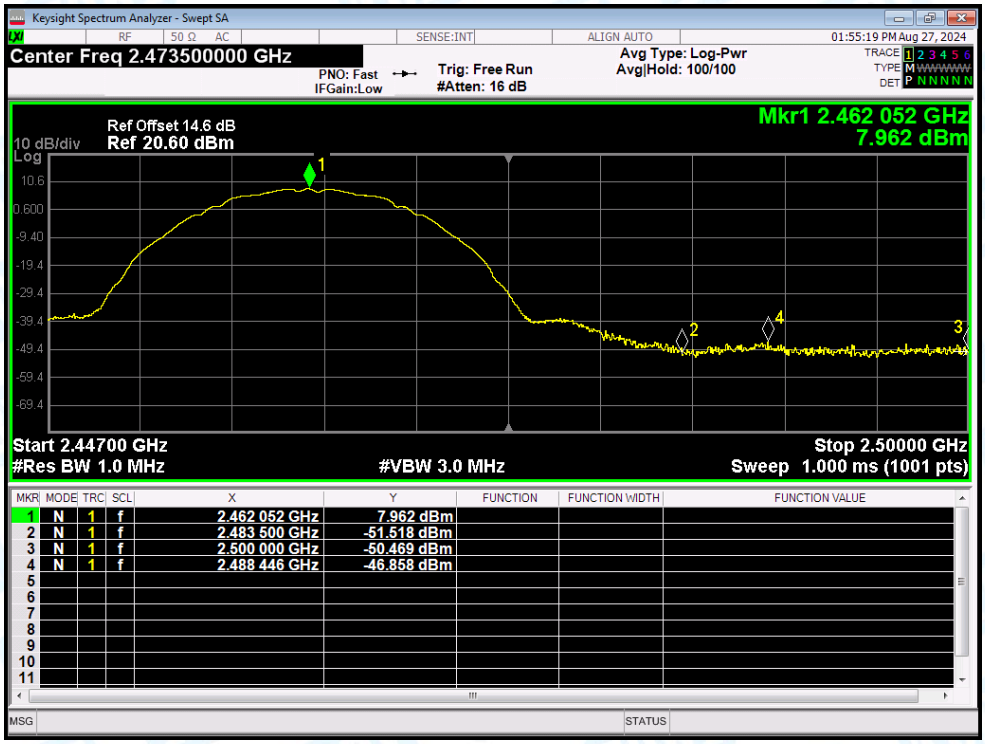
Restrict Band NVNT b 2412MHz Ant1 Peak



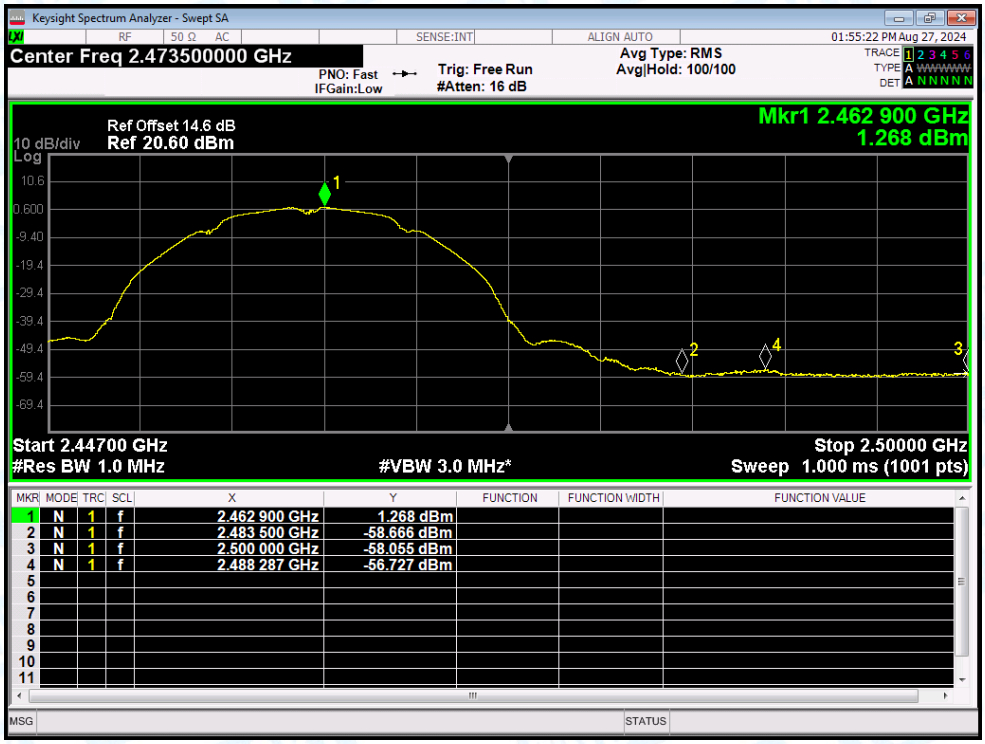
Restrict Band NVNT b 2412MHz Ant1 Average



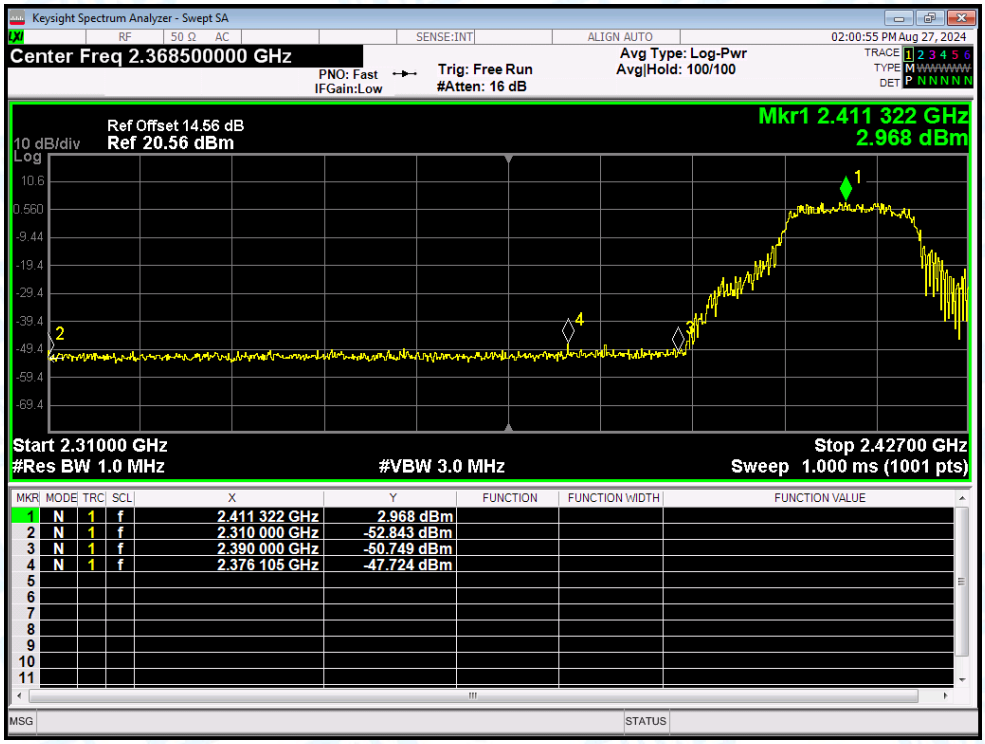
Restrict Band NVNT b 2462MHz Ant1 Peak



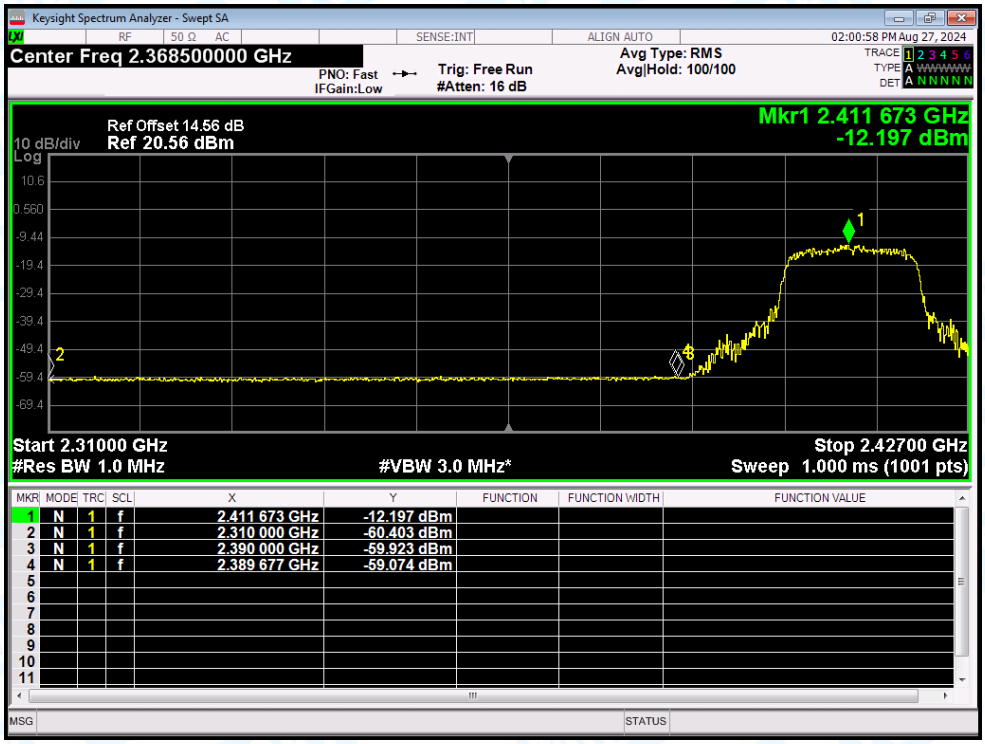
Restrict Band NVNT b 2462MHz Ant1 Average



Restrict Band NVNT g 2412MHz Ant1 Peak

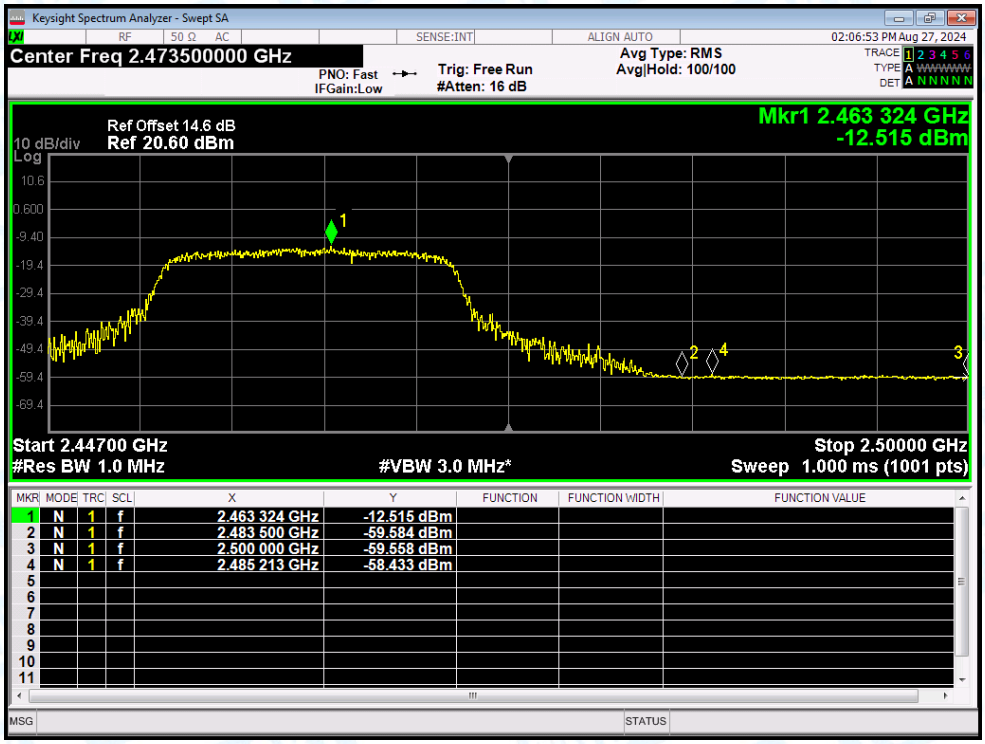


Restrict Band NVNT g 2412MHz Ant1 Average

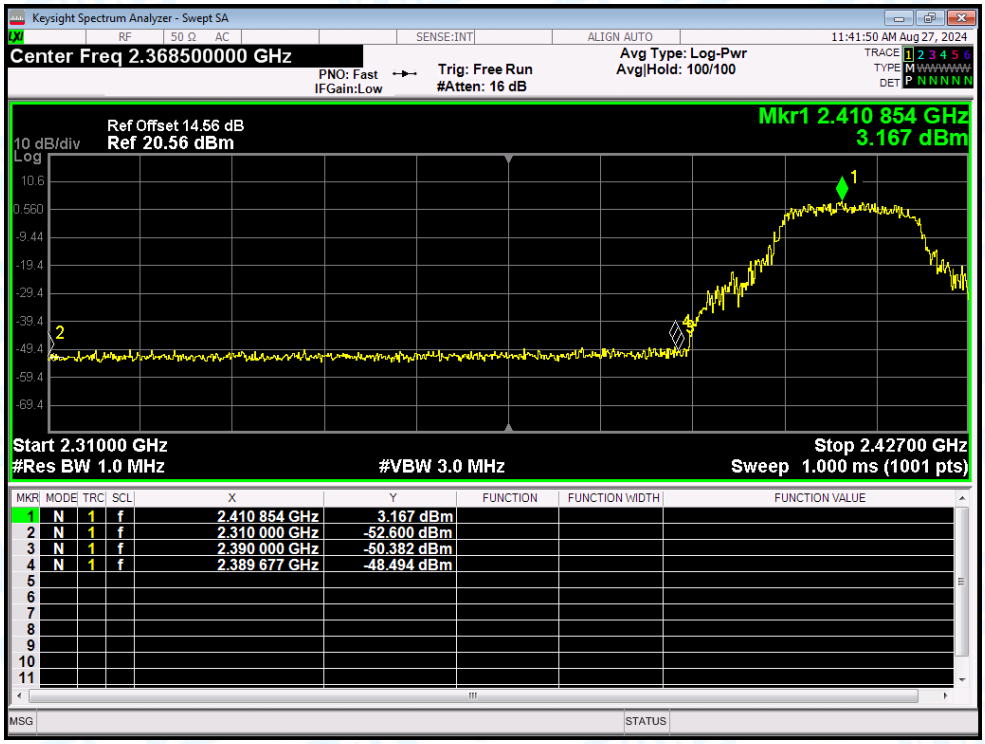


Restrict Band NVNT g 2462MHz Ant1 Peak

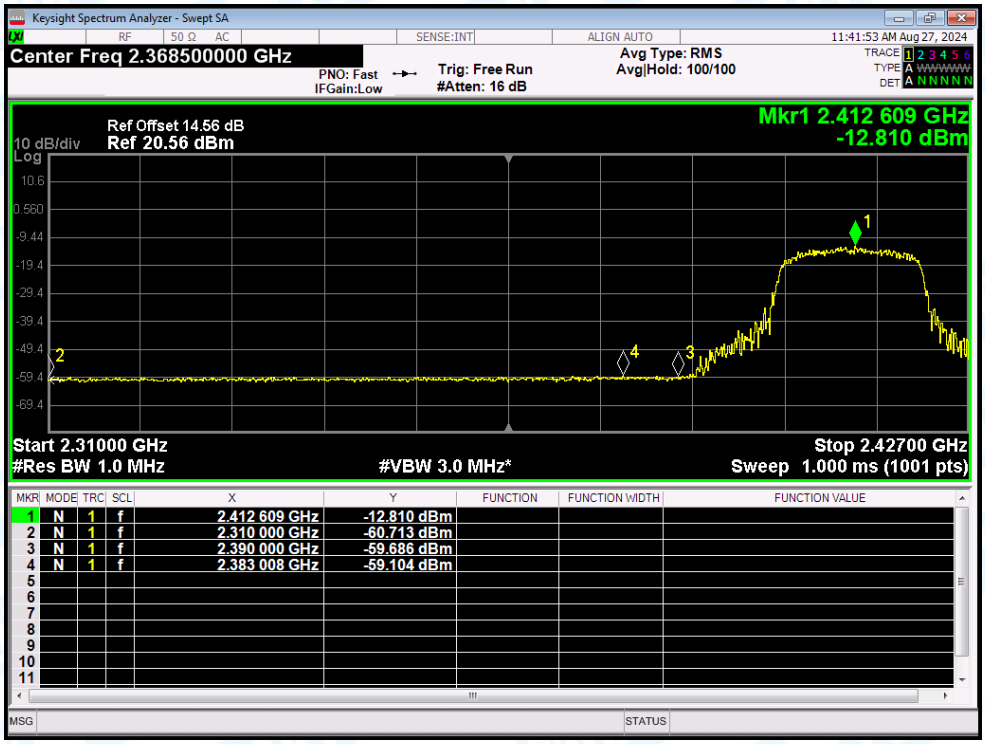
Restrict Band NVNT g 2462MHz Ant1 Average



Restrict Band NVNT n(HT20) 2412MHz Ant1 Peak

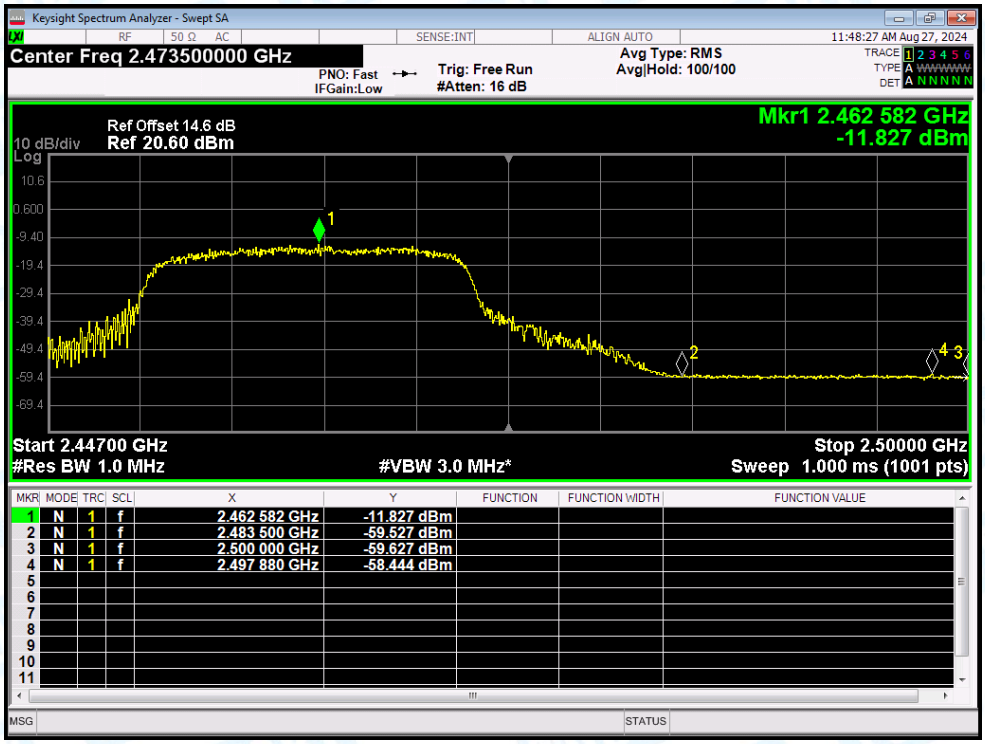


Restrict Band NVNT n(HT20) 2412MHz Ant1 Average

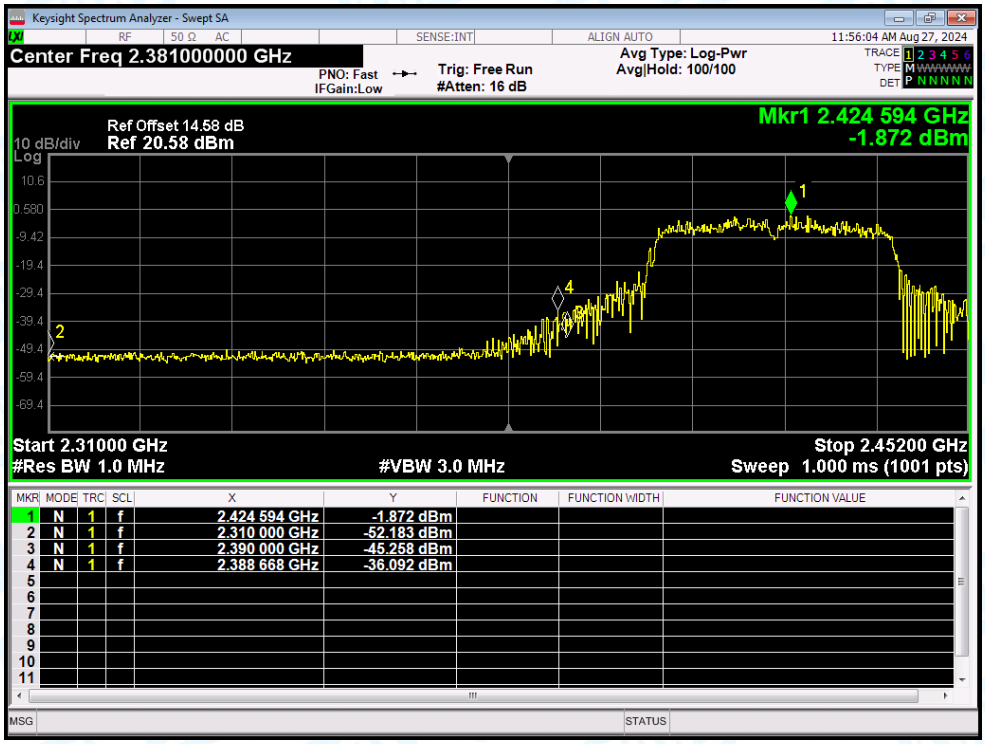


Restrict Band NVNT n(HT20) 2462MHz Ant1 Peak

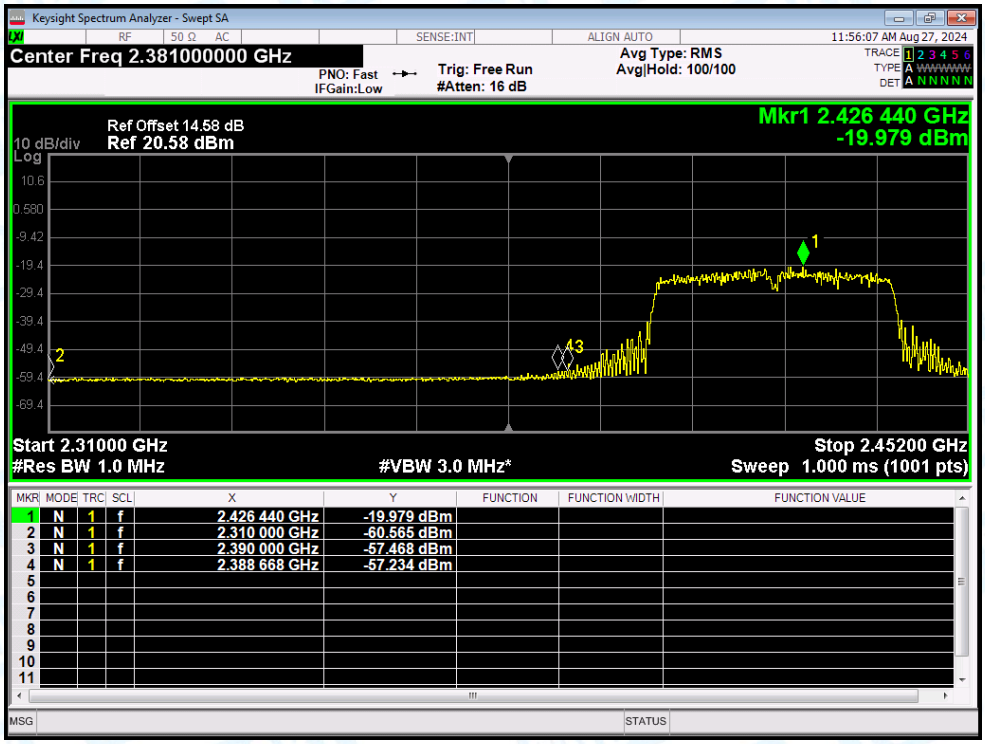
Restrict Band NVNT n(HT20) 2462MHz Ant1 Average



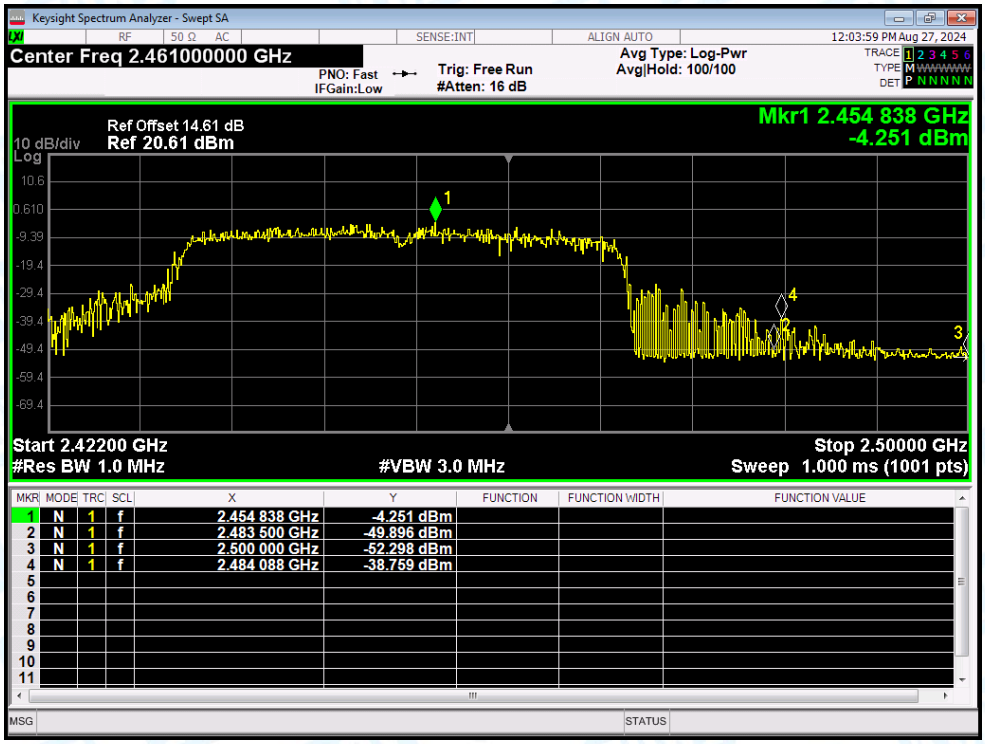
Restrict Band NVNT n(HT40) 2422MHz Ant1 Peak



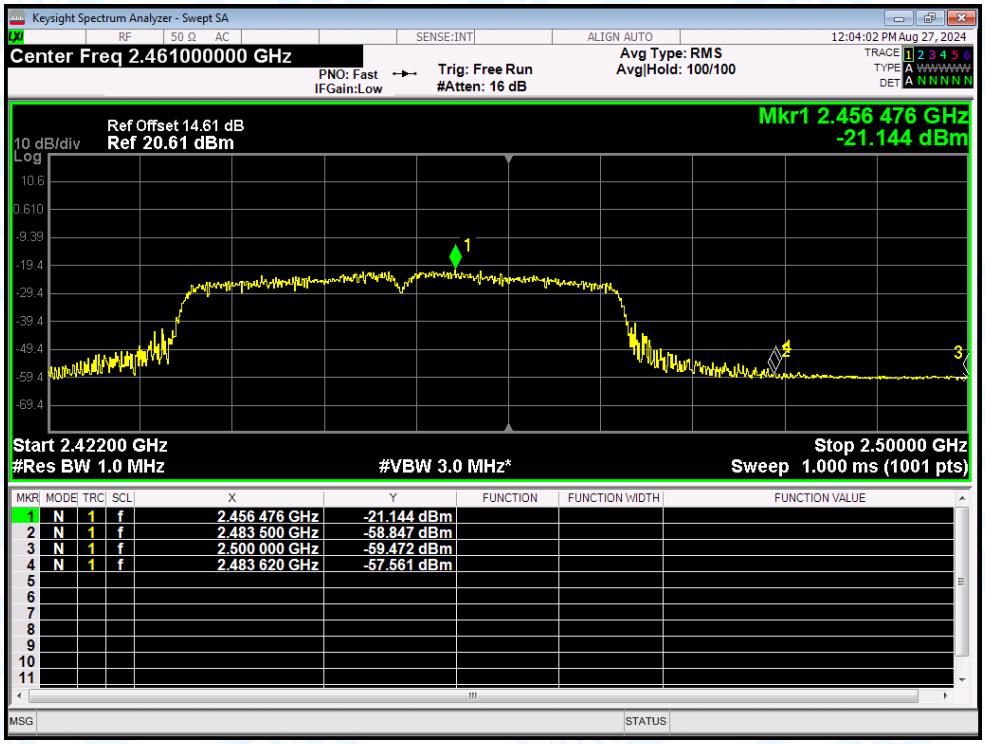
Restrict Band NVNT n(HT40) 2422MHz Ant1 Average



Restrict Band NVNT n(HT40) 2452MHz Ant1 Peak



Restrict Band NVNT n(HT40) 2452MHz Ant1 Average



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