



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: tablet pc

Test Model: G103

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Taylor Hu
Supervised by:	Ling Zhu





A.1 -20dB Bandwidth

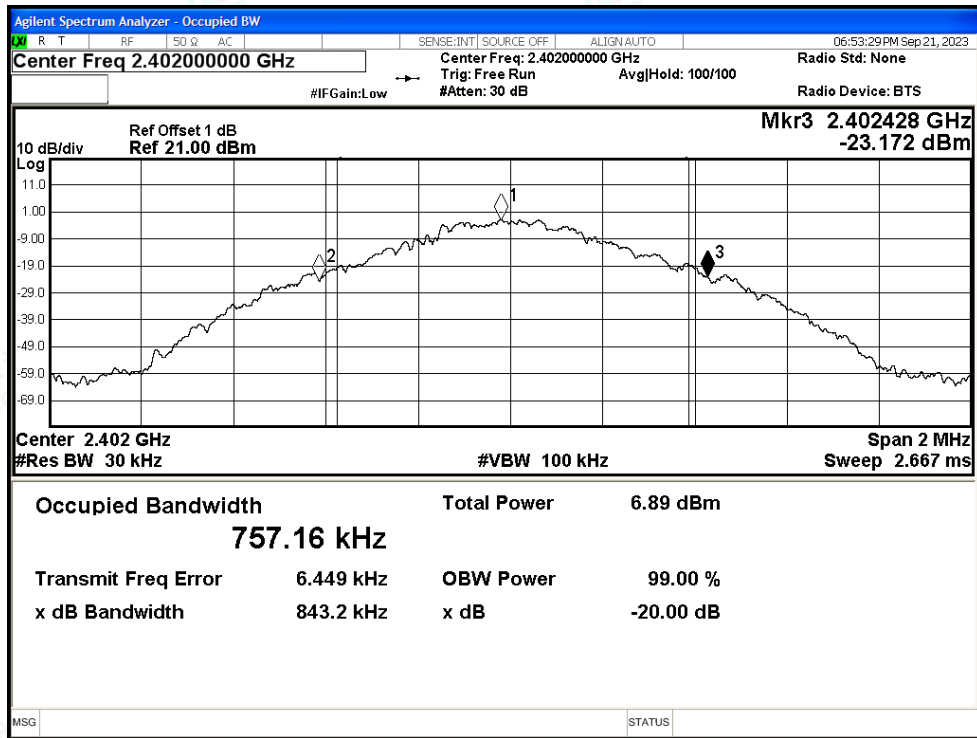
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.843	0	Pass
NVNT	1-DH5	2441	Ant1	0.841	0	Pass
NVNT	1-DH5	2480	Ant1	0.844	0	Pass
NVNT	2-DH5	2402	Ant1	1.284	0	Pass
NVNT	2-DH5	2441	Ant1	1.266	0	Pass
NVNT	2-DH5	2480	Ant1	1.27	0	Pass
NVNT	3-DH5	2402	Ant1	1.276	0	Pass
NVNT	3-DH5	2441	Ant1	1.254	0	Pass
NVNT	3-DH5	2480	Ant1	1.258	0	Pass



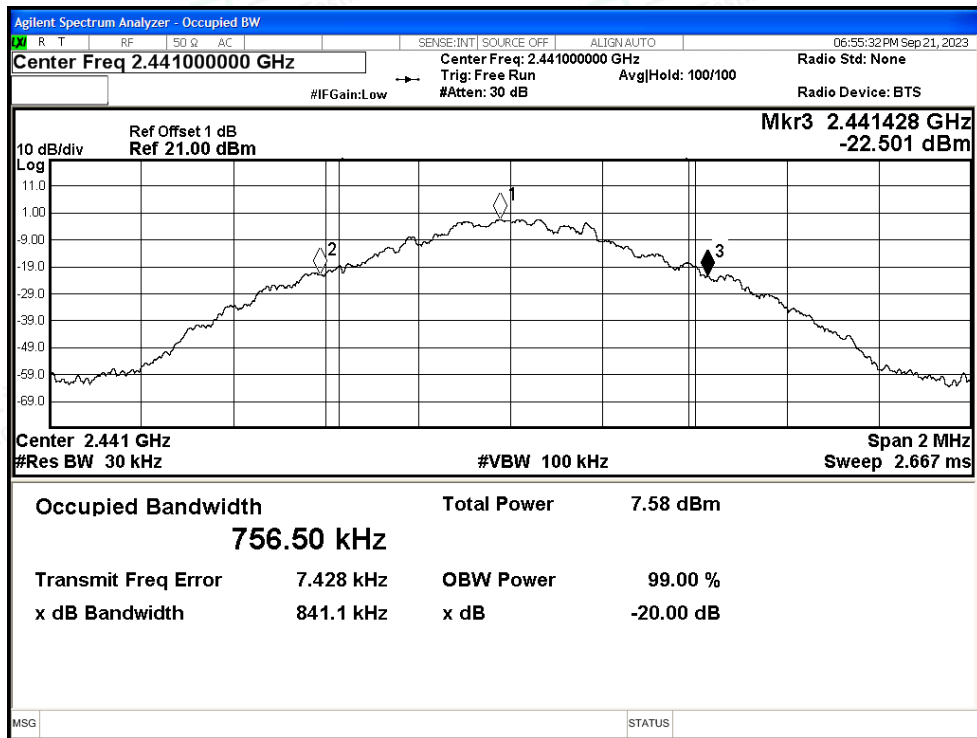


Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1

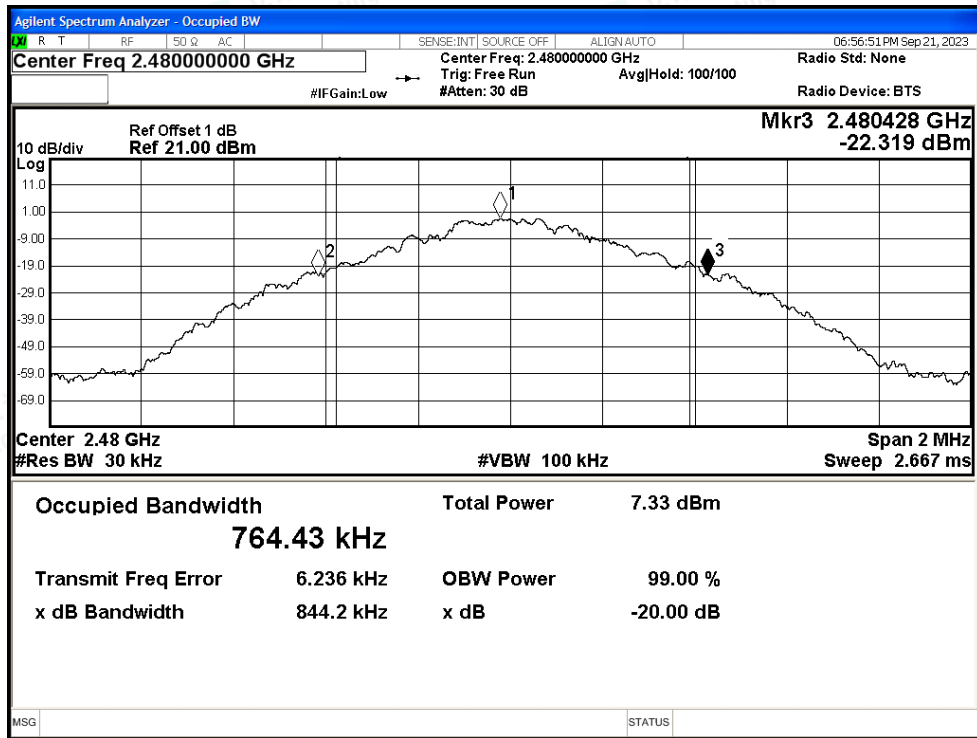


-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1

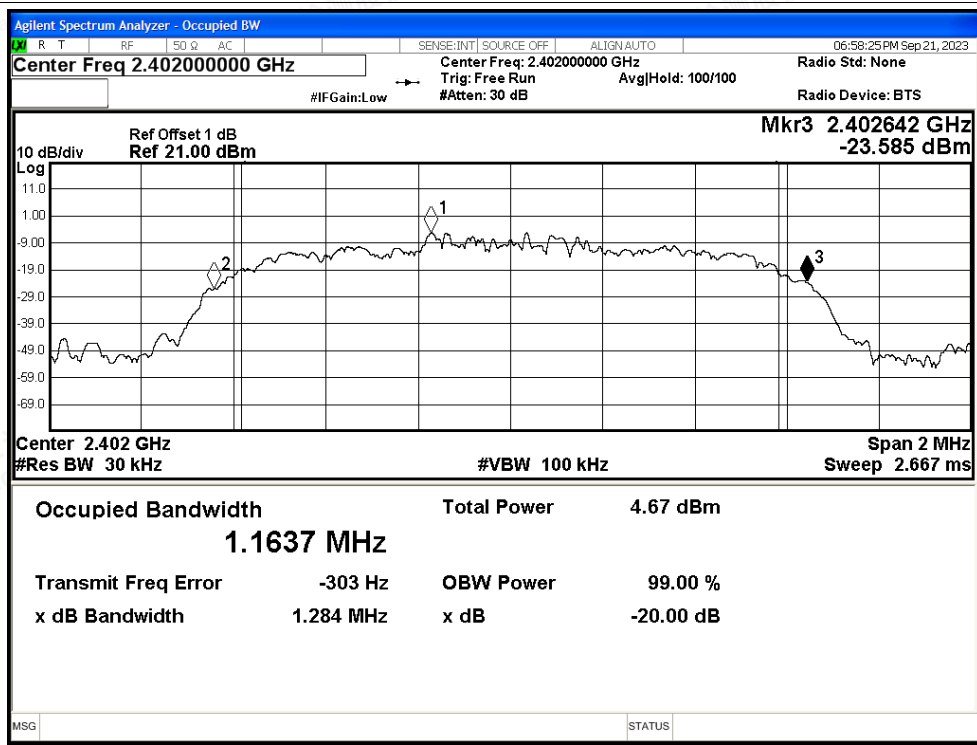




-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1

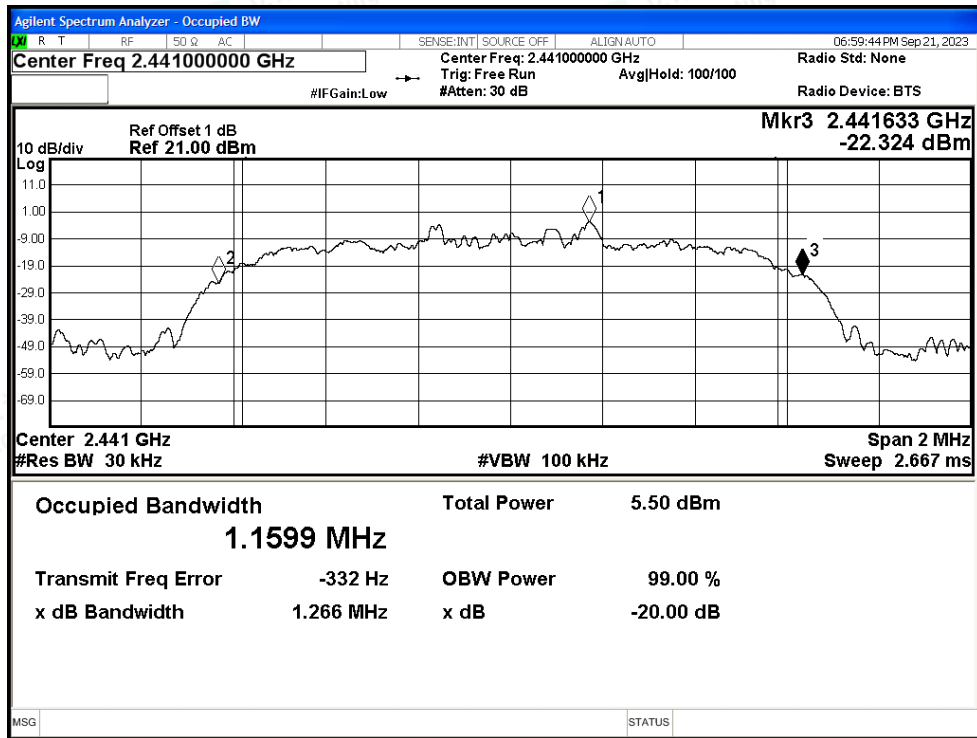


-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1

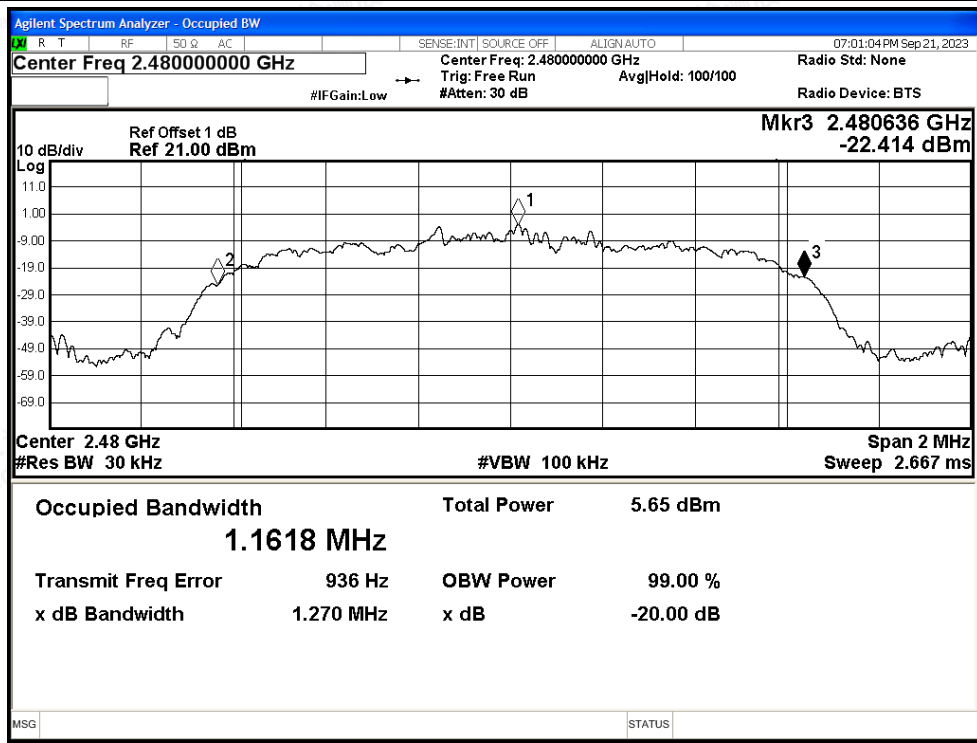




-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1

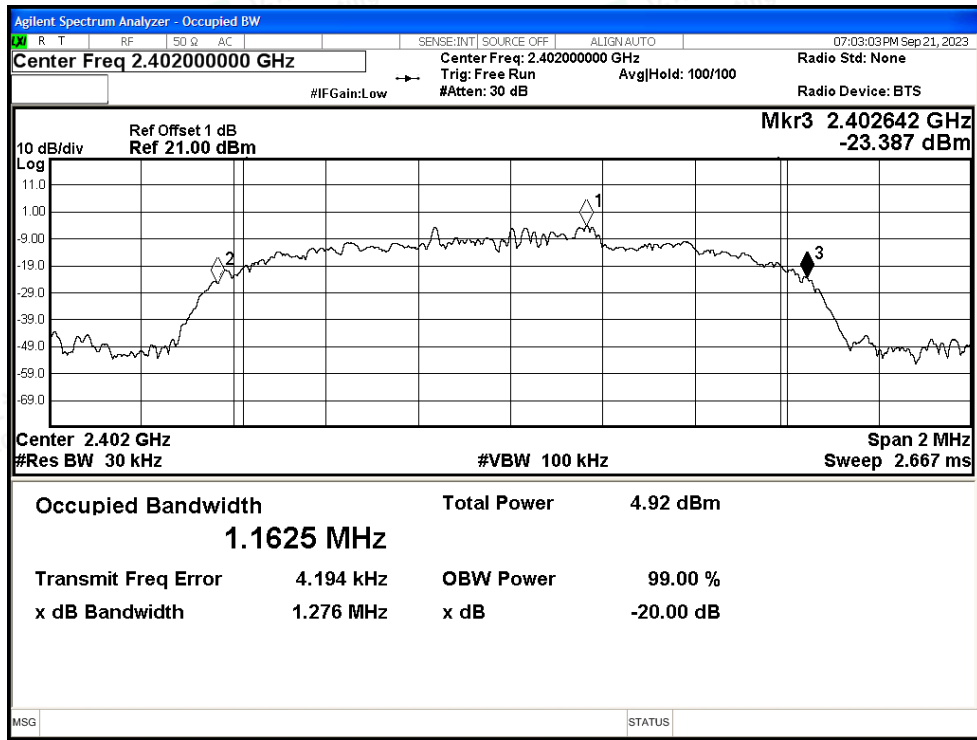


-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1

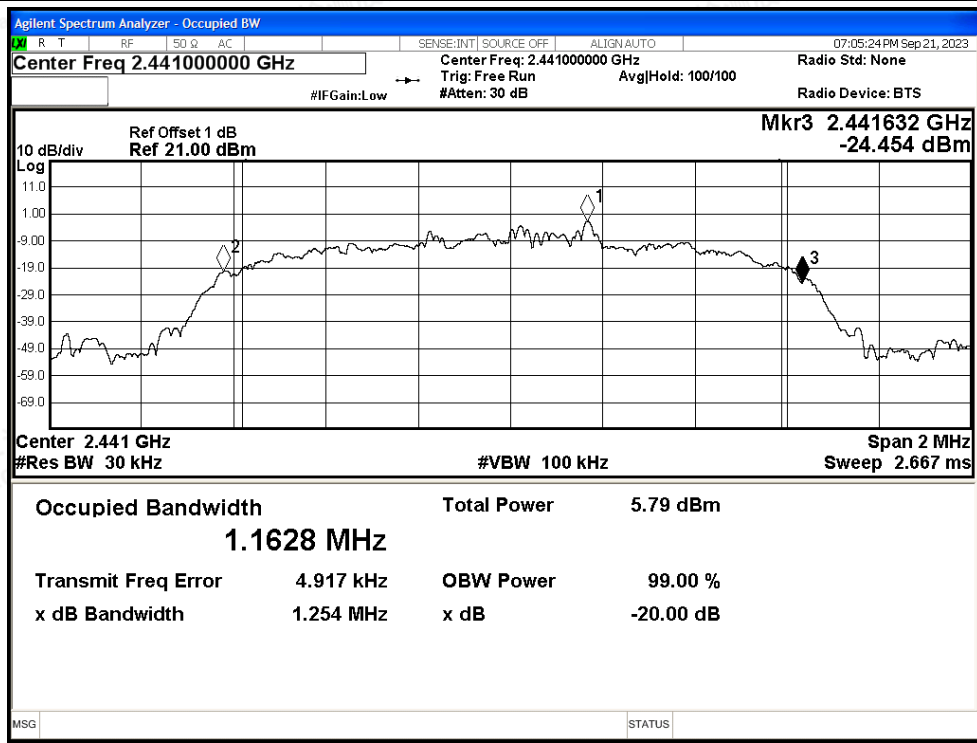




-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1

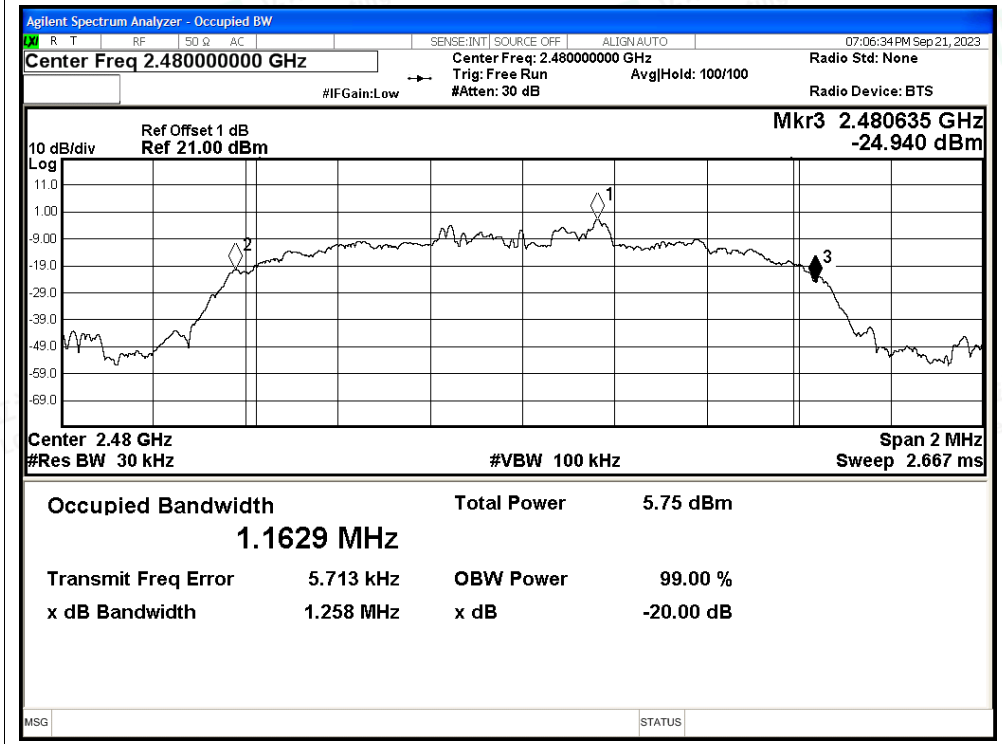


-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1





-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1





A.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	0.92	21	Pass
NVNT	1-DH5	2441	Ant1	1.47	21	Pass
NVNT	1-DH5	2480	Ant1	1.54	21	Pass
NVNT	2-DH5	2402	Ant1	0.18	21	Pass
NVNT	2-DH5	2441	Ant1	0.76	21	Pass
NVNT	2-DH5	2480	Ant1	0.81	21	Pass
NVNT	3-DH5	2402	Ant1	0.22	21	Pass
NVNT	3-DH5	2441	Ant1	0.75	21	Pass
NVNT	3-DH5	2480	Ant1	0.81	21	Pass

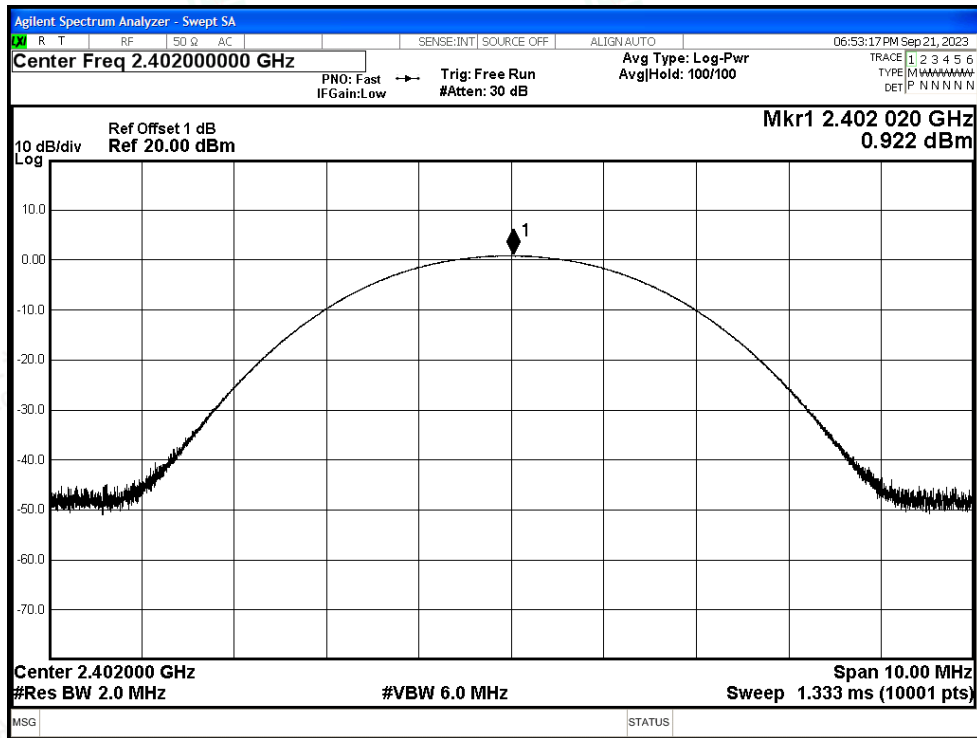


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Scan code to check authenticity

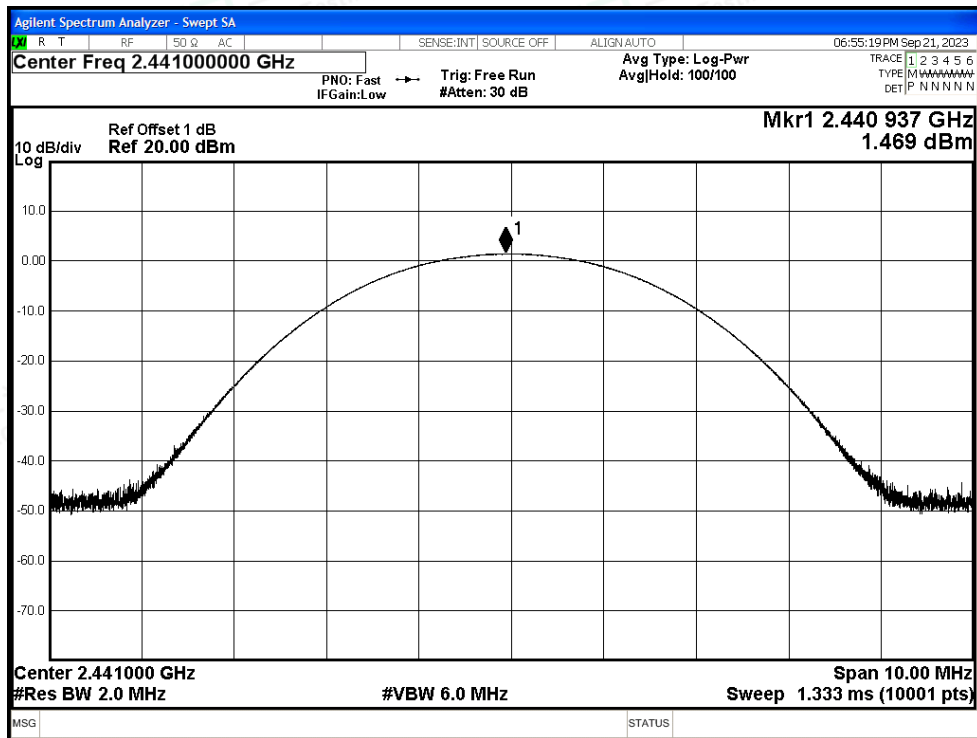


Test Graphs

Power NVNT 1-DH5 2402MHz Ant1

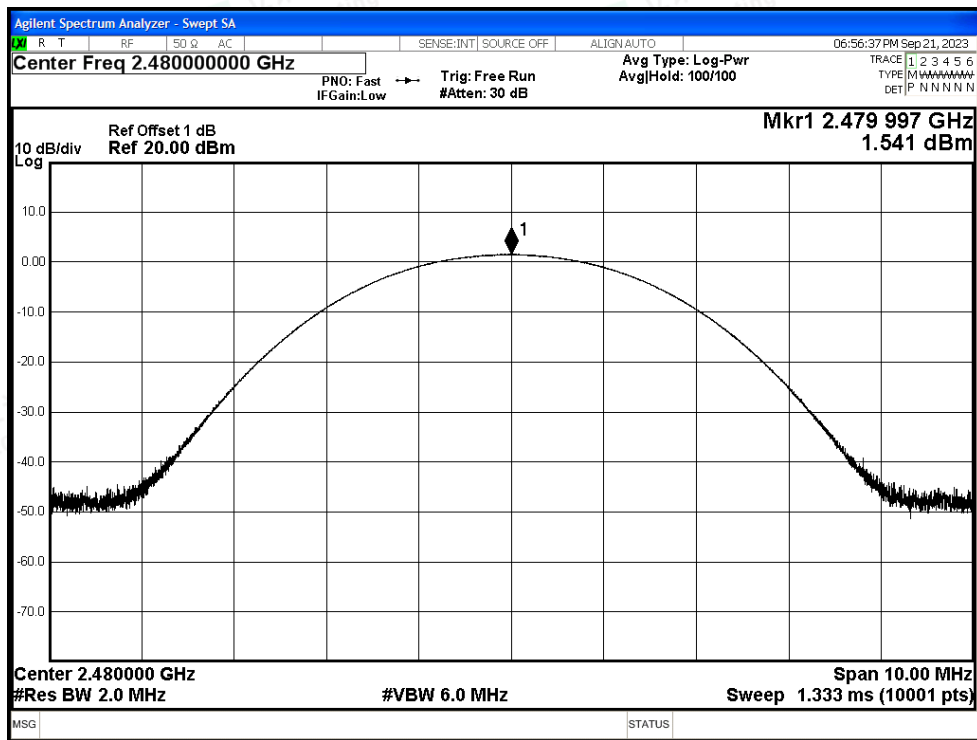


Power NVNT 1-DH5 2441MHz Ant1

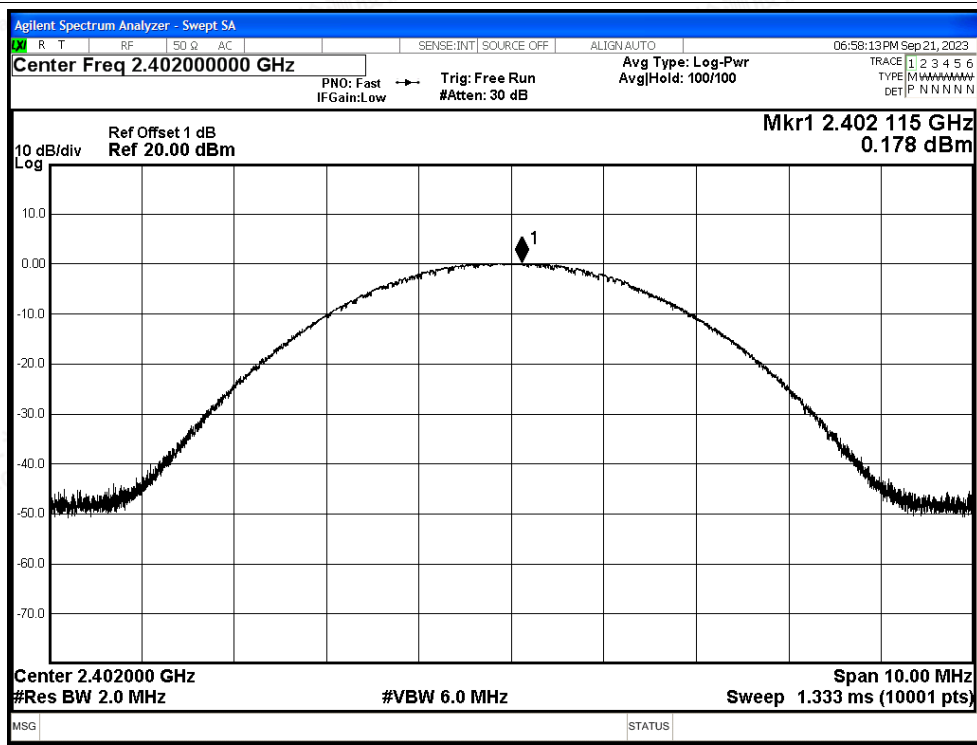




Power NVNT 1-DH5 2480MHz Ant1

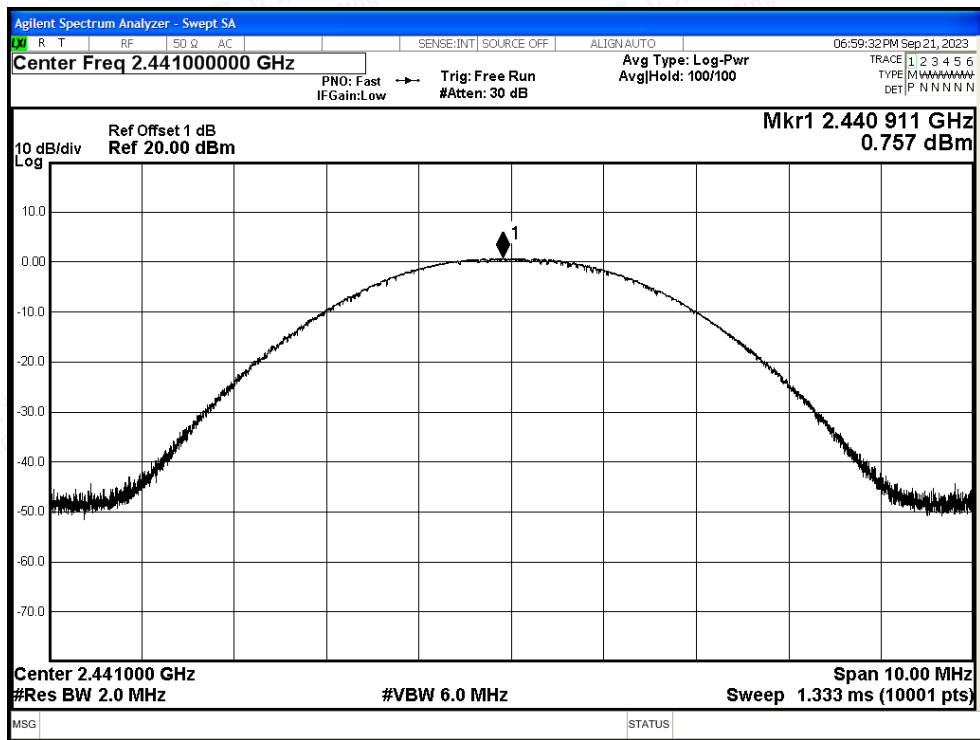


Power NVNT 2-DH5 2402MHz Ant1

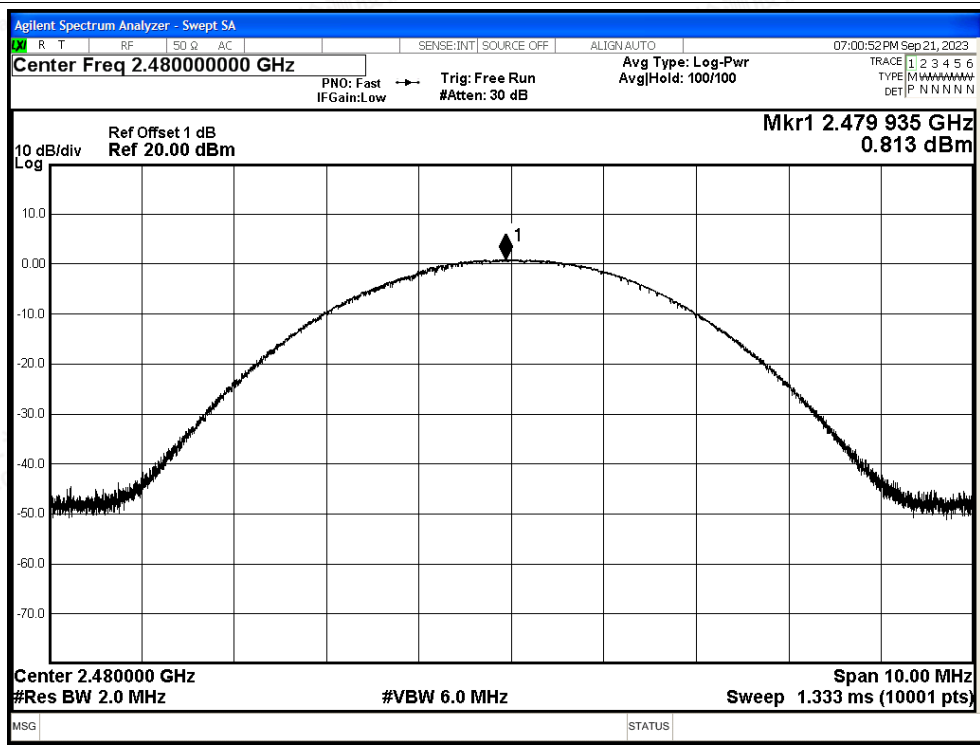




Power NVNT 2-DH5 2441MHz Ant1

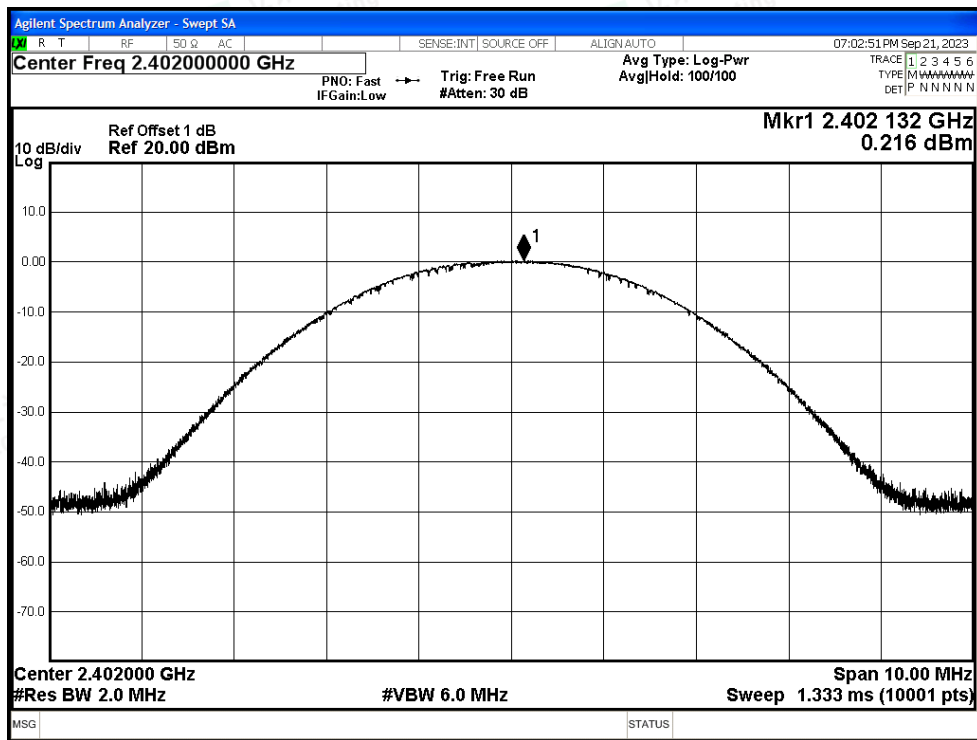


Power NVNT 2-DH5 2480MHz Ant1

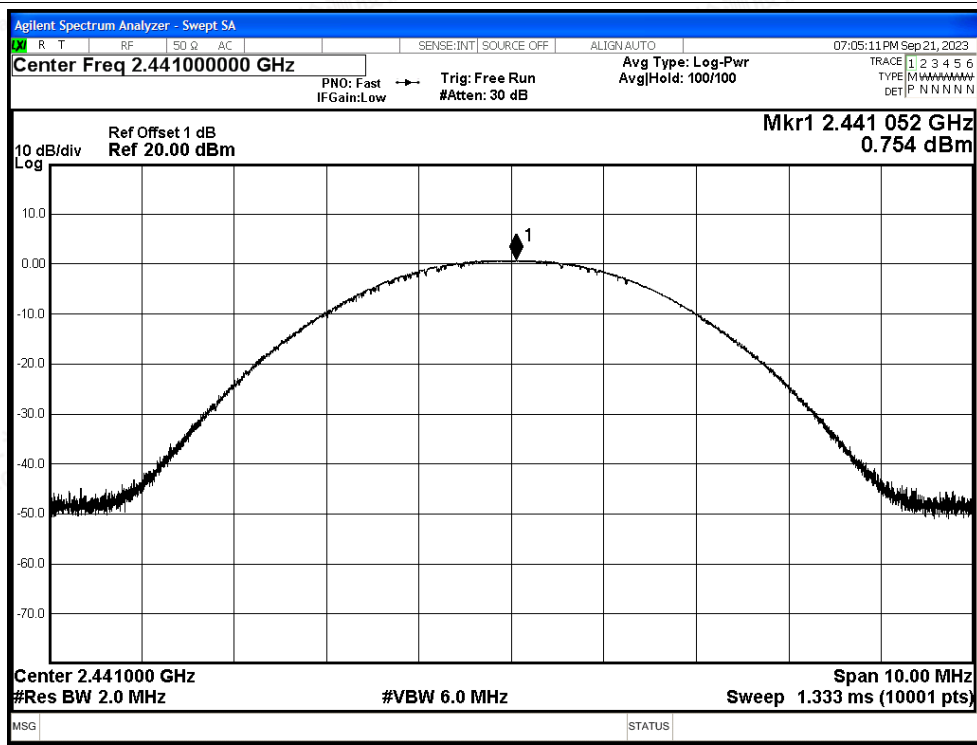




Power NVNT 3-DH5 2402MHz Ant1

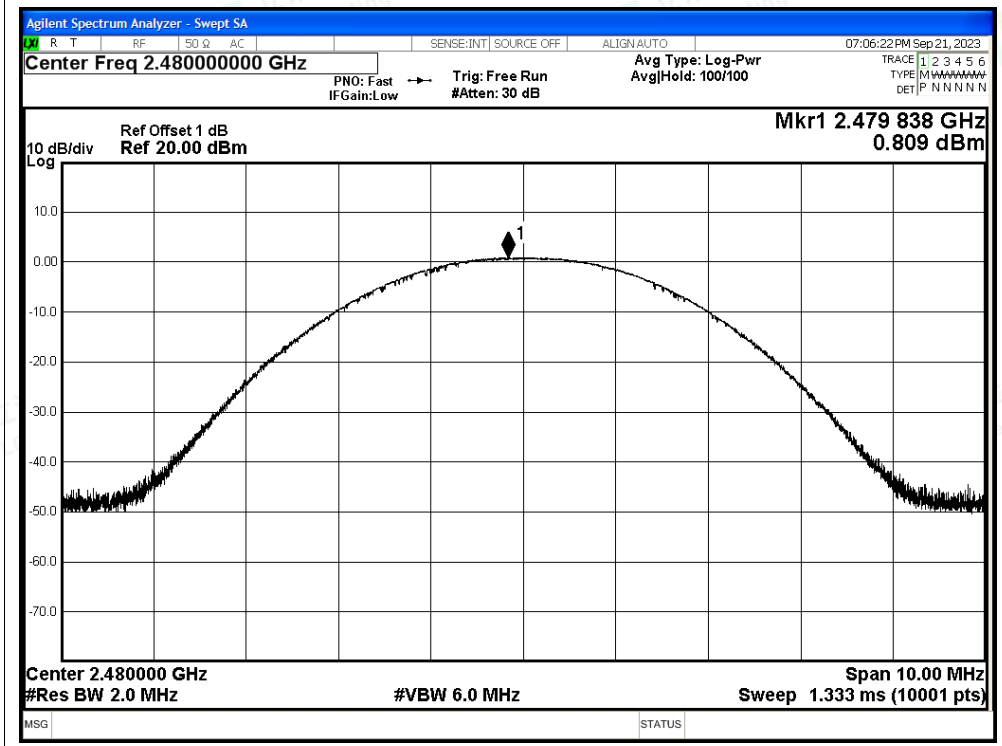


Power NVNT 3-DH5 2441MHz Ant1





Power NVNT 3-DH5 2480MHz Ant1





A.3 Carrier Frequencies Separation

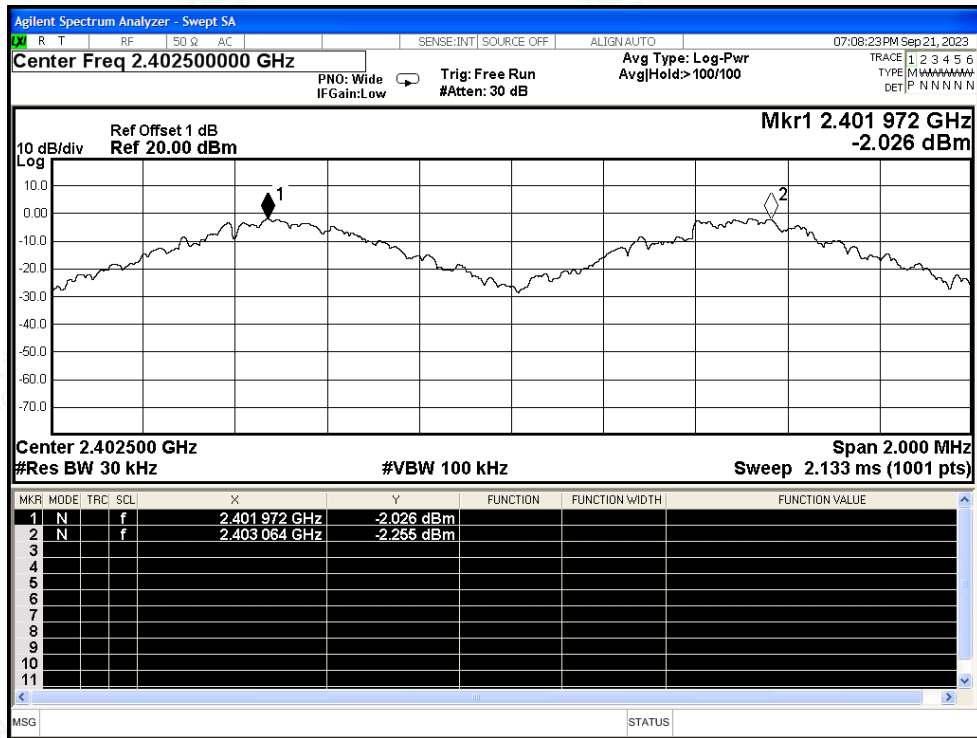
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.972	2403.064	1.092	0.562	Pass
NVNT	2-DH5	Ant1	2402.008	2403.164	1.156	0.856	Pass
NVNT	3-DH5	Ant1	2402.158	2403.178	1.02	0.851	Pass



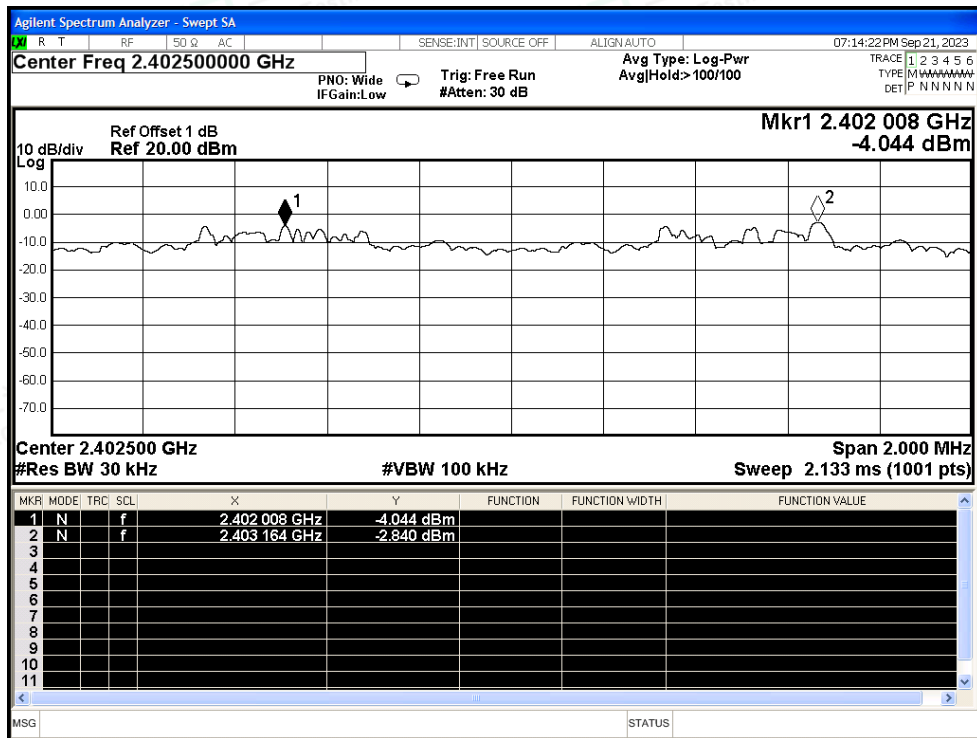


Test Graphs

CFS NVNT 1-DH5 2402MHz Ant1

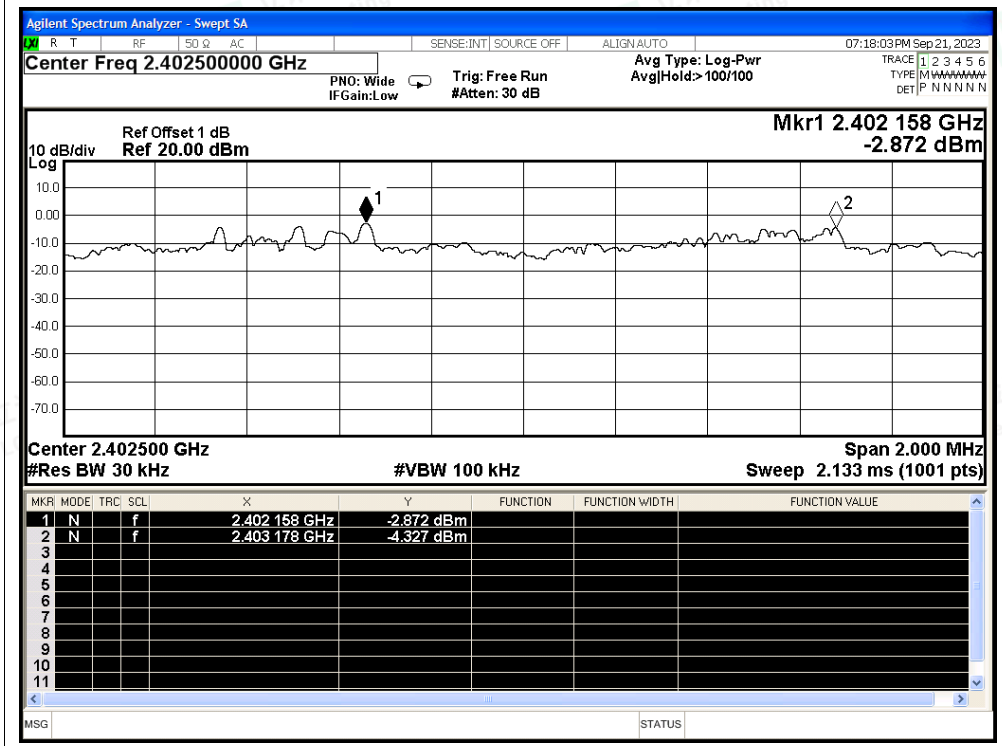


CFS NVNT 2-DH5 2402MHz Ant1





CFS NVNT 3-DH5 2402MHz Ant1





A.4 Dwell Time

Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.882	308.374	107	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.881	316.91	110	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.887	300.248	104	31600	400	Pass

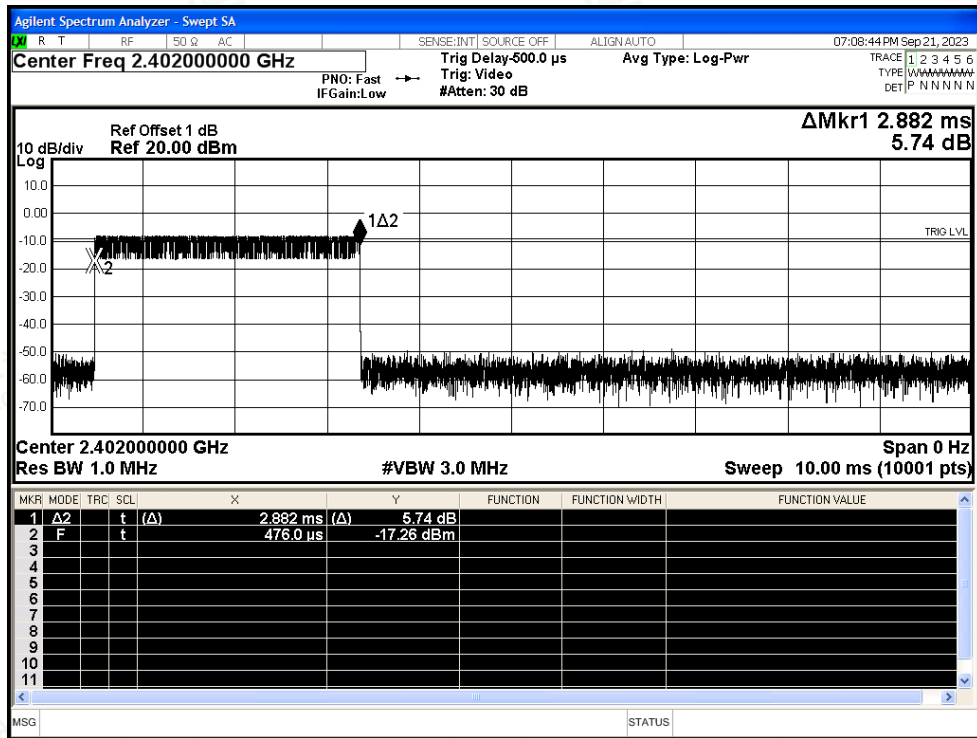


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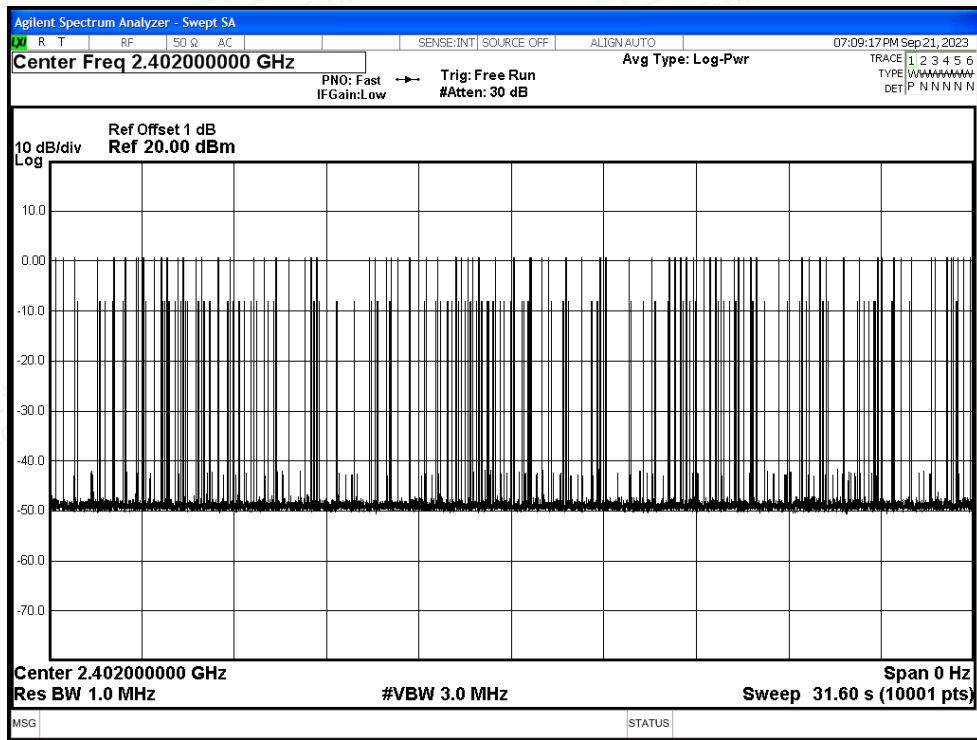


Test Graphs

Dwell NVNT 1-DH5 2402MHz Ant1 One Burst

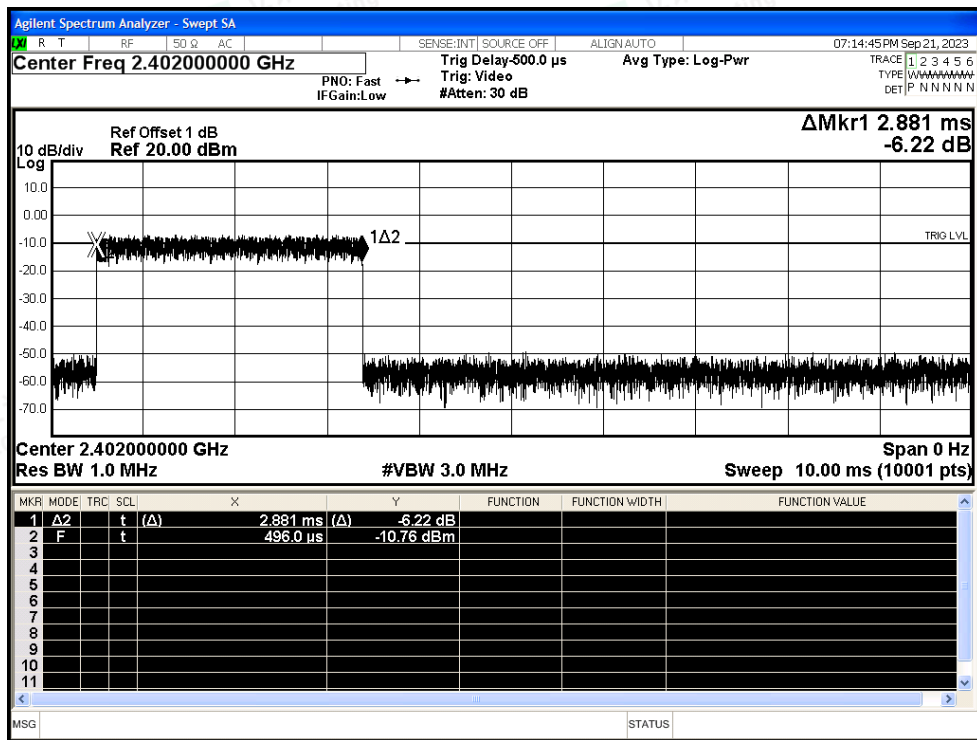


Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated

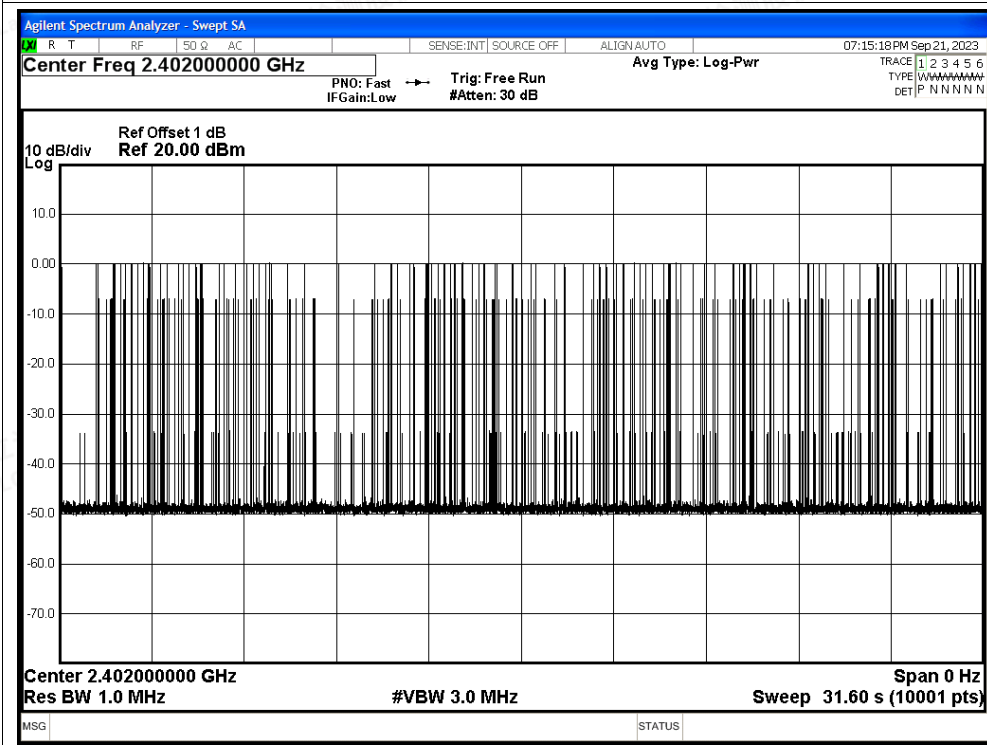




Dwell NVNT 2-DH5 2402MHz Ant1 One Burst

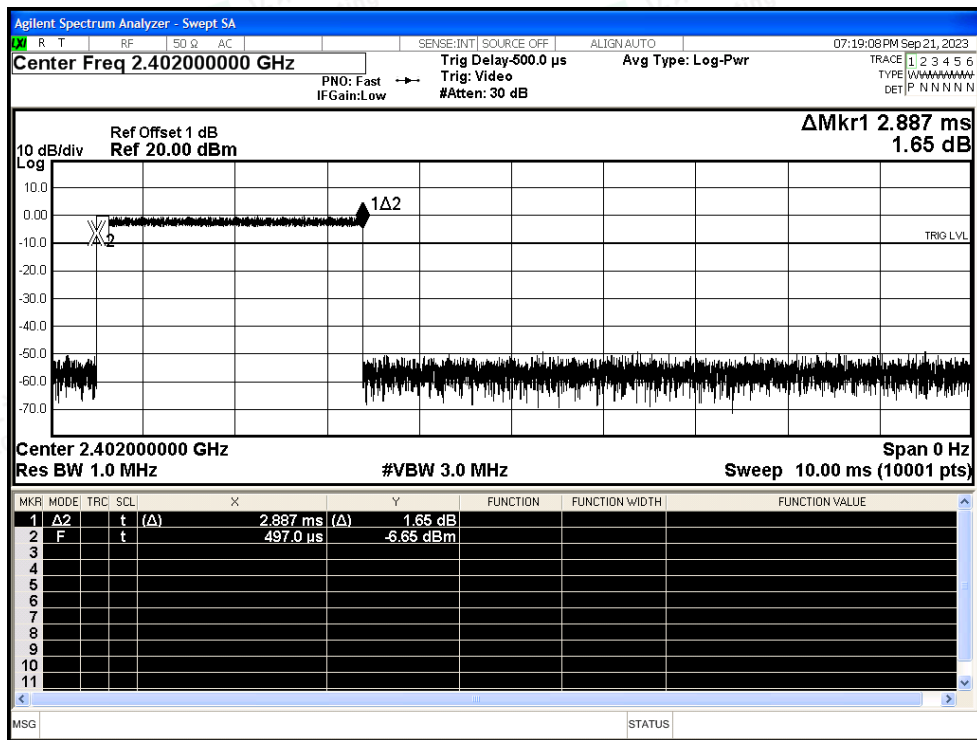


Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated

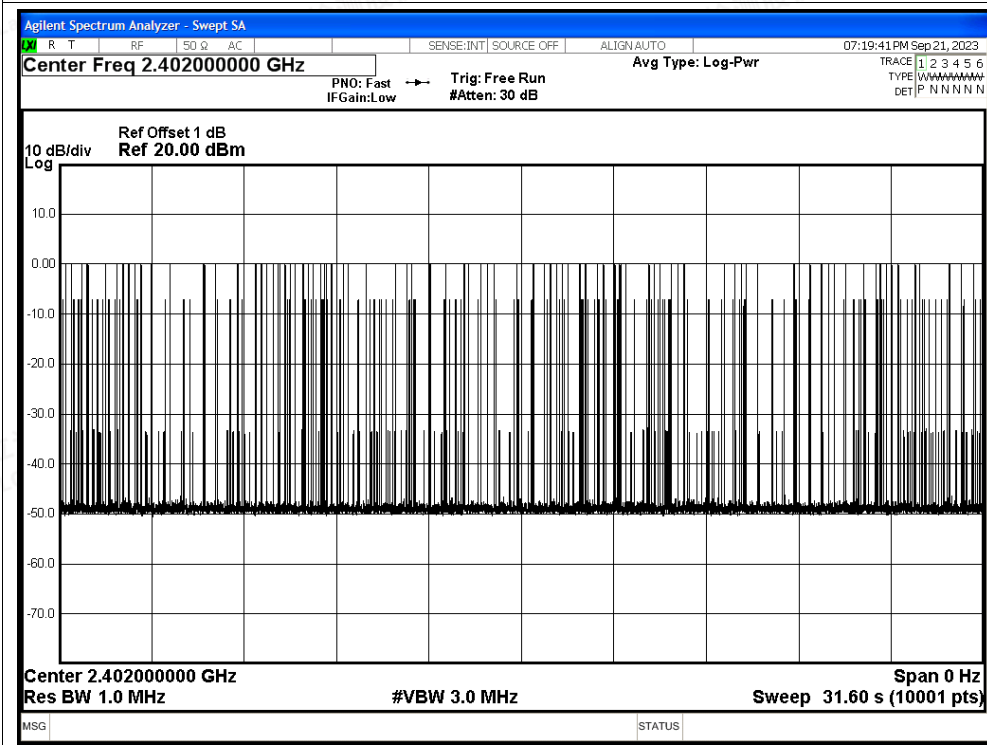




Dwell NVNT 3-DH5 2402MHz Ant1 One Burst



Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated





A.5 Number of Hopping Channel

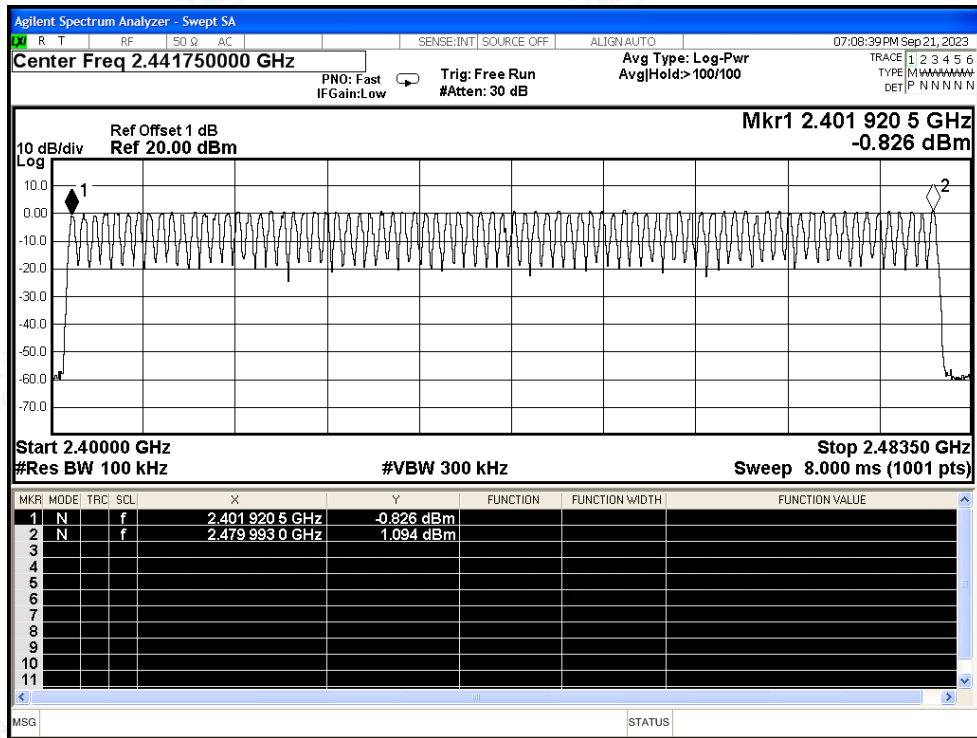
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass



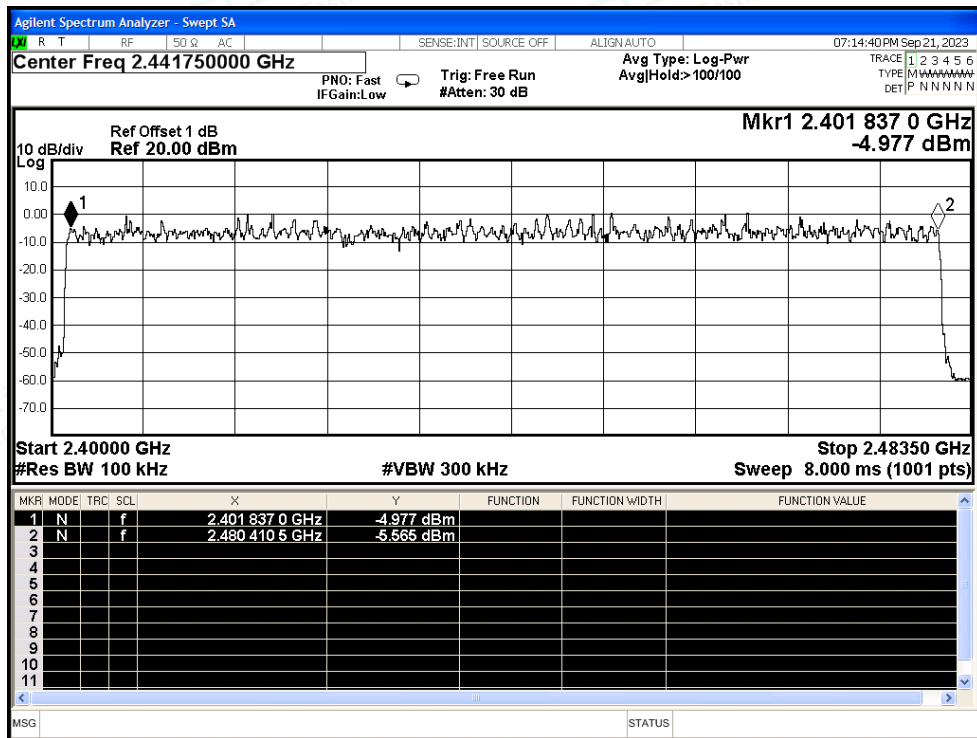


Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant1

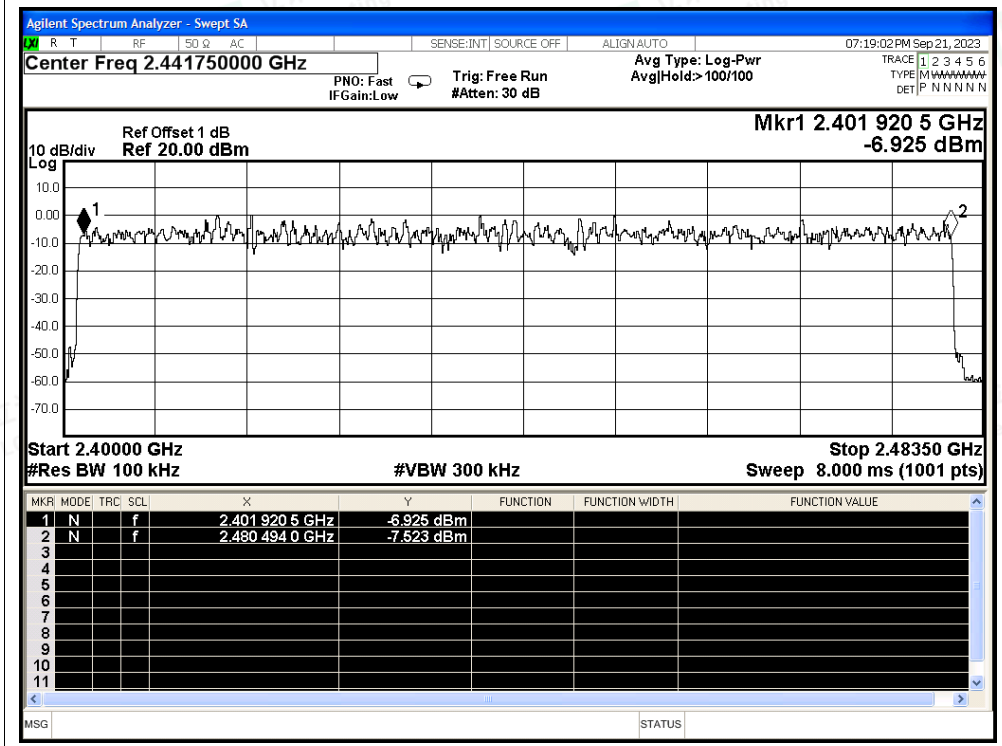


Hopping No. NVNT 2-DH5 2402MHz Ant1





Hopping No. NVNT 3-DH5 2402MHz Ant1





A.6 Band Edge

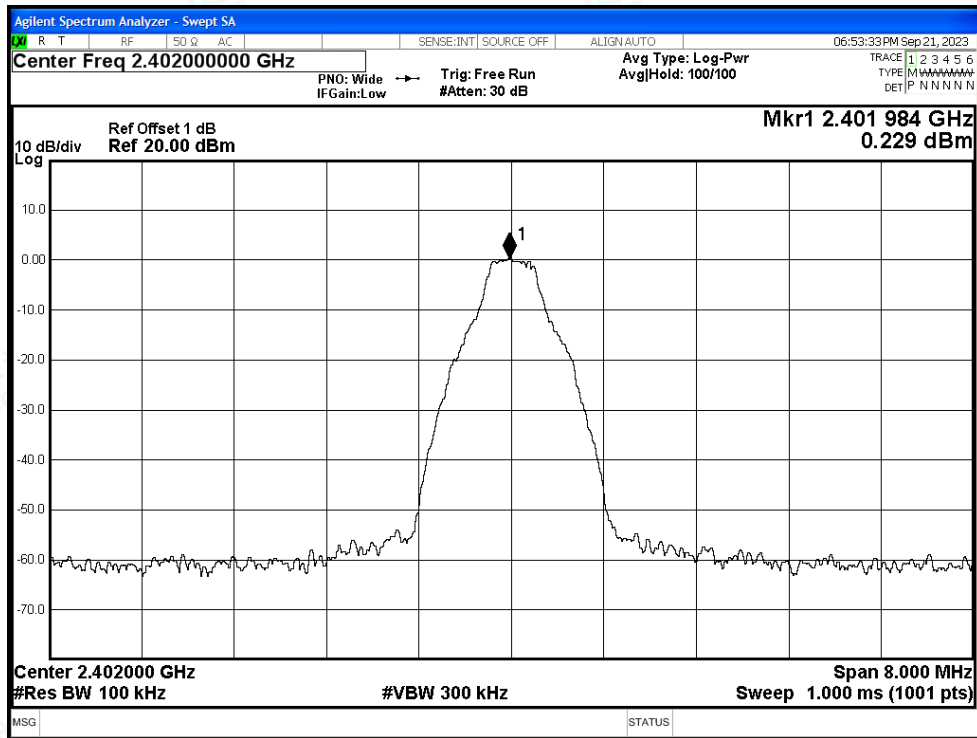
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-57.58	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-57.75	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-55.27	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-57.72	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-56.66	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-57.55	-20	Pass



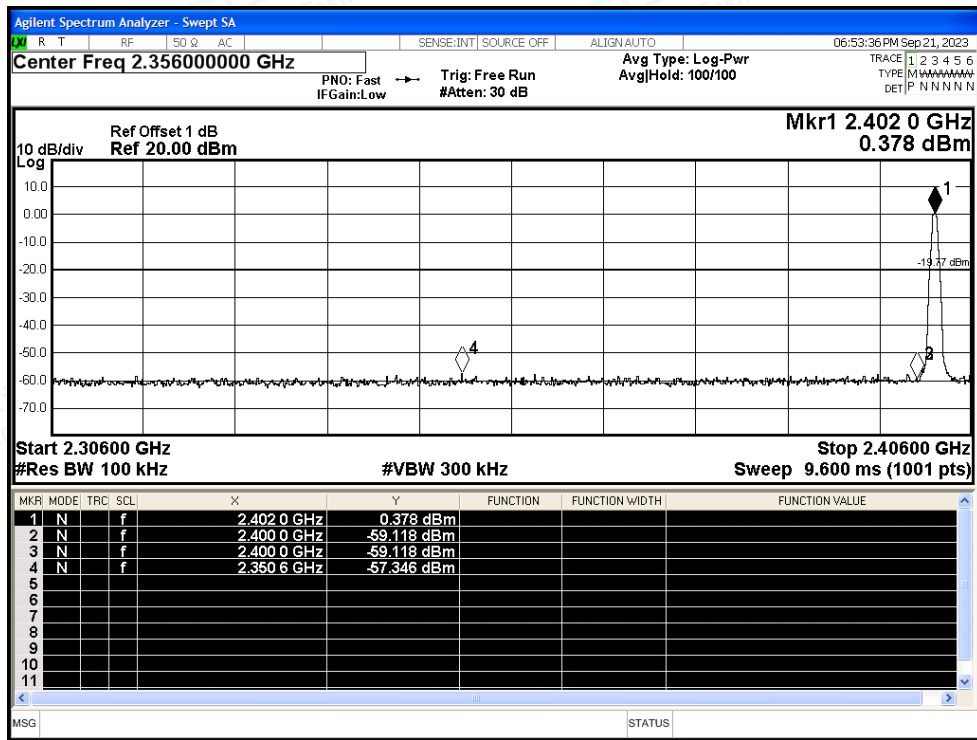


Test Graphs

Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref

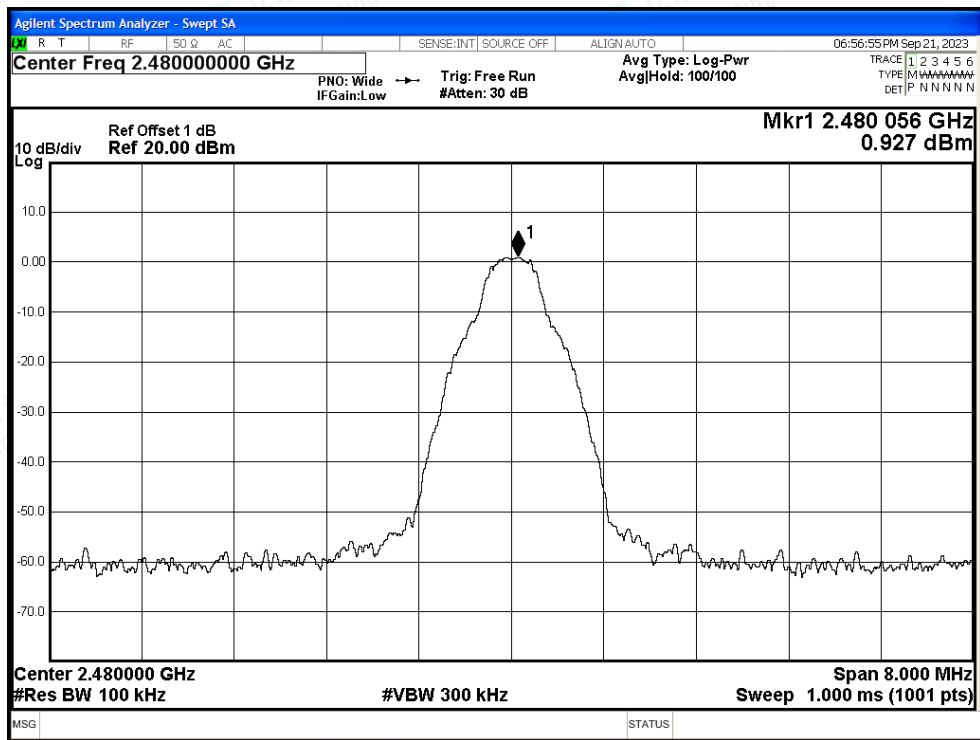


Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission

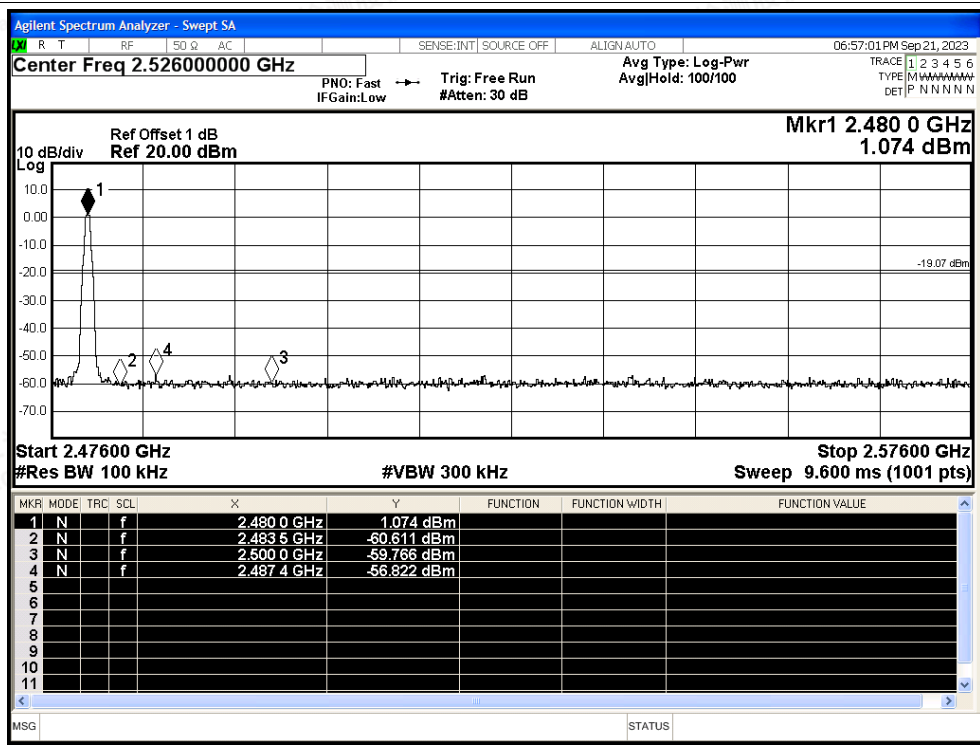




Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref

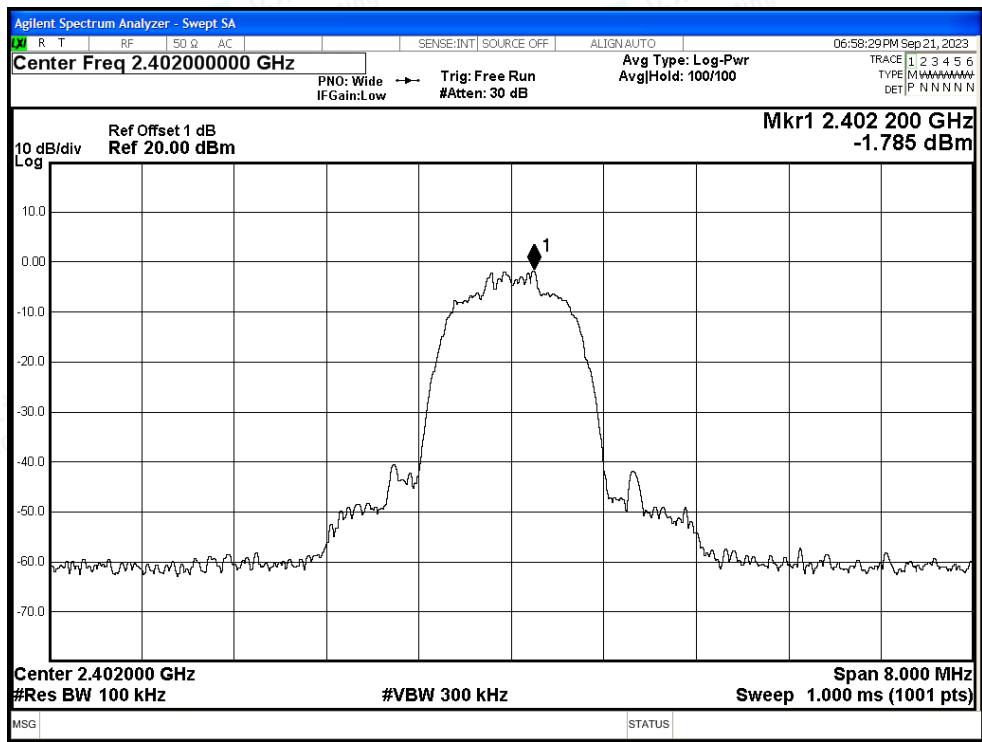


Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission

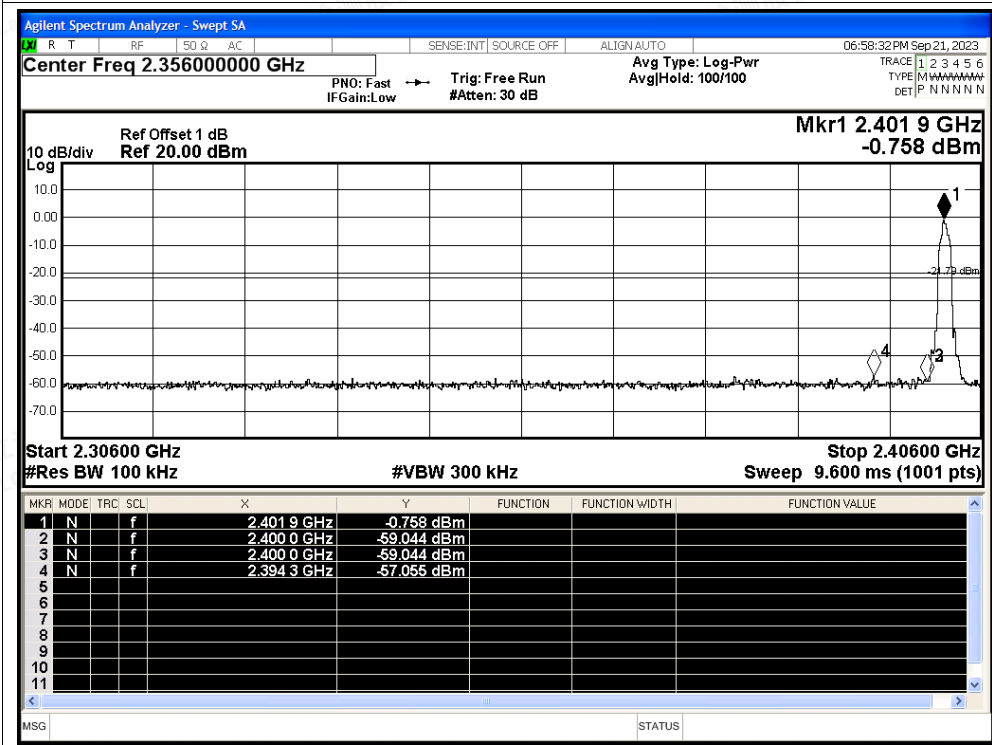




Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref

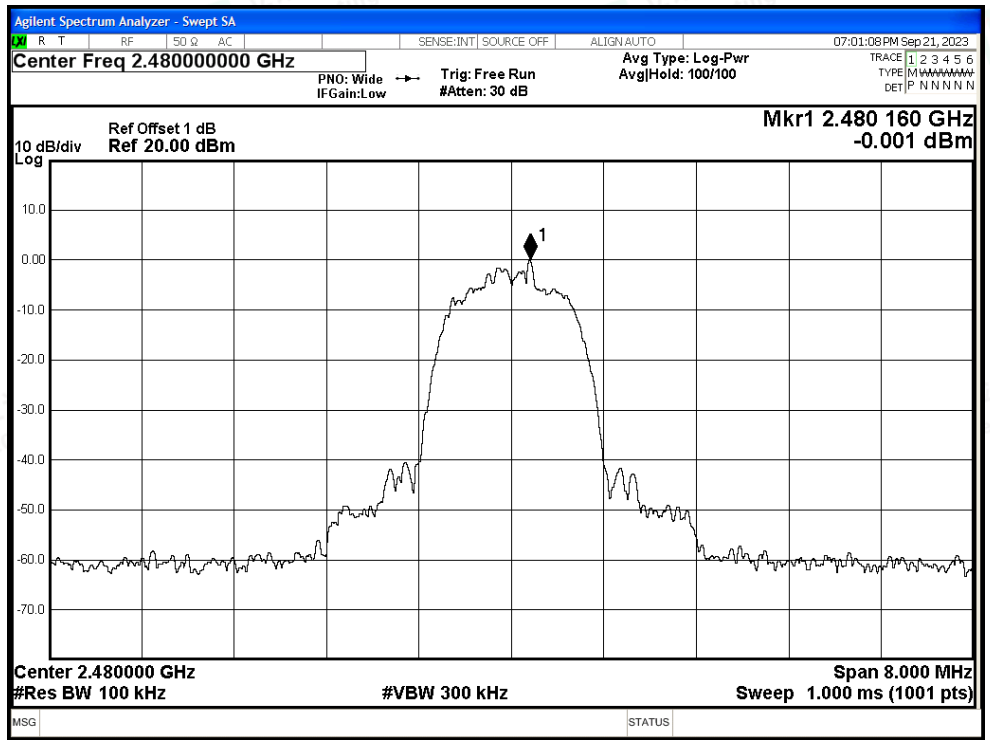


Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission

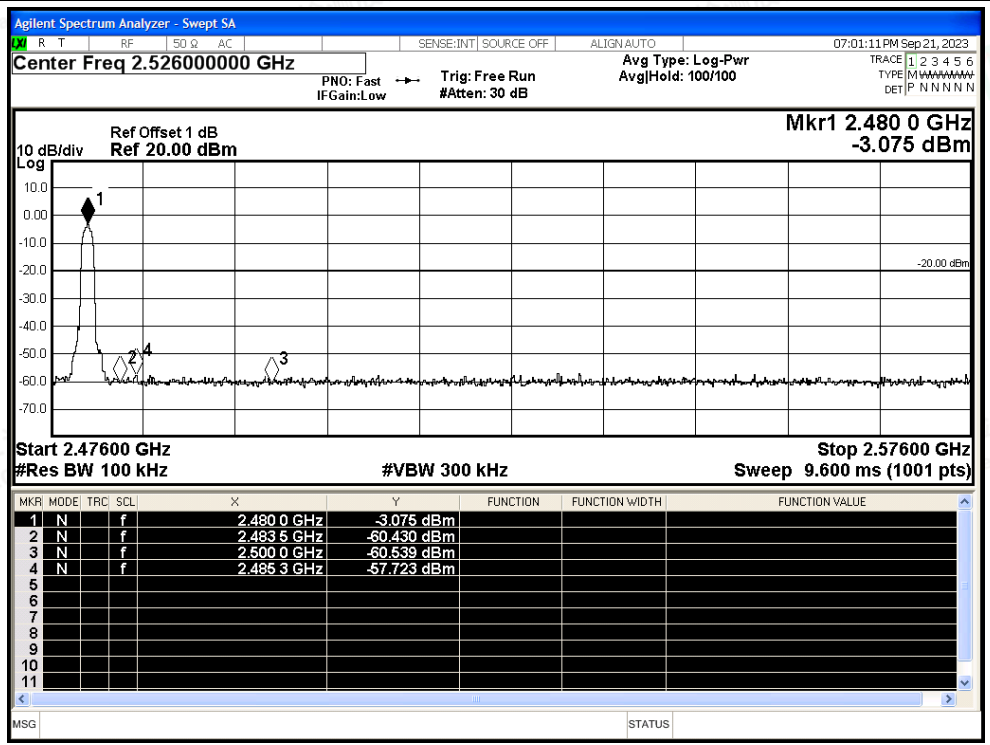




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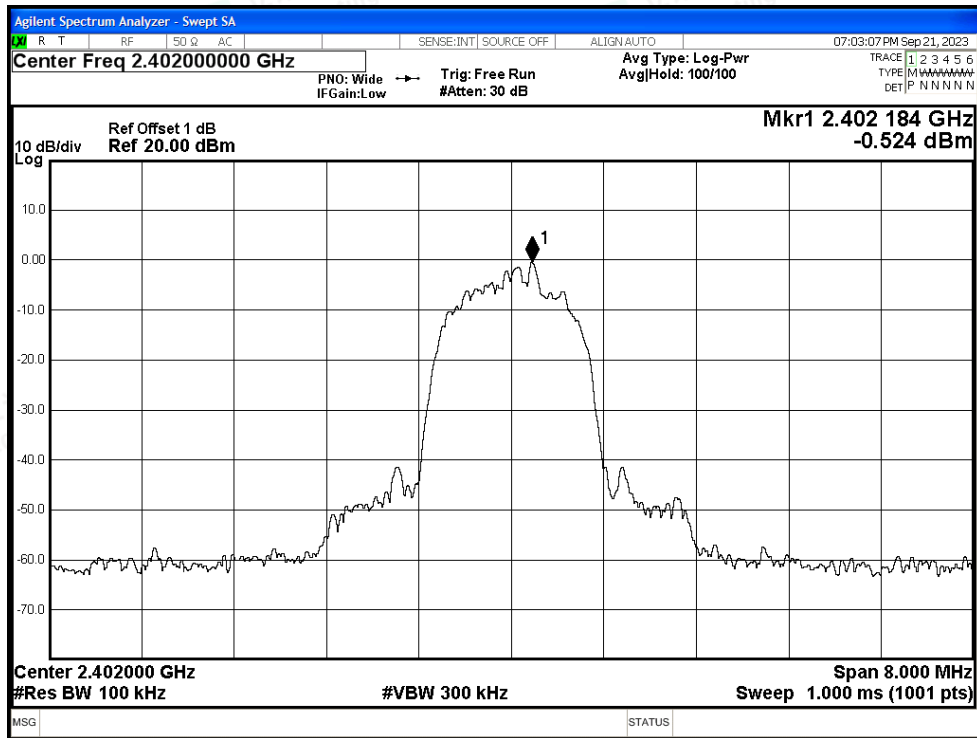


Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission

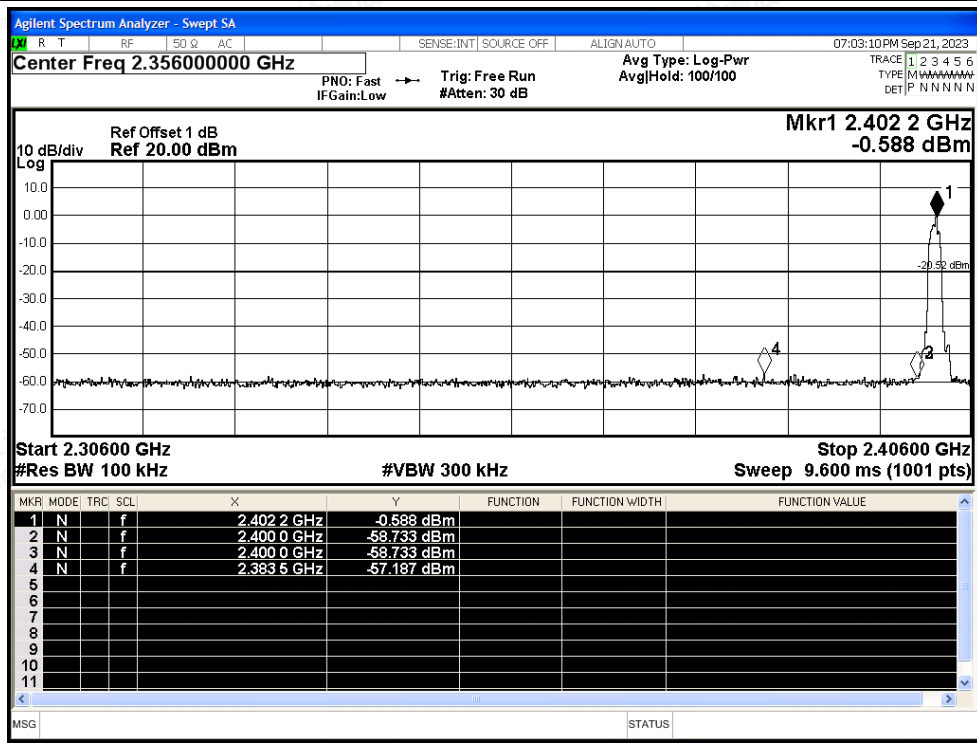




Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref

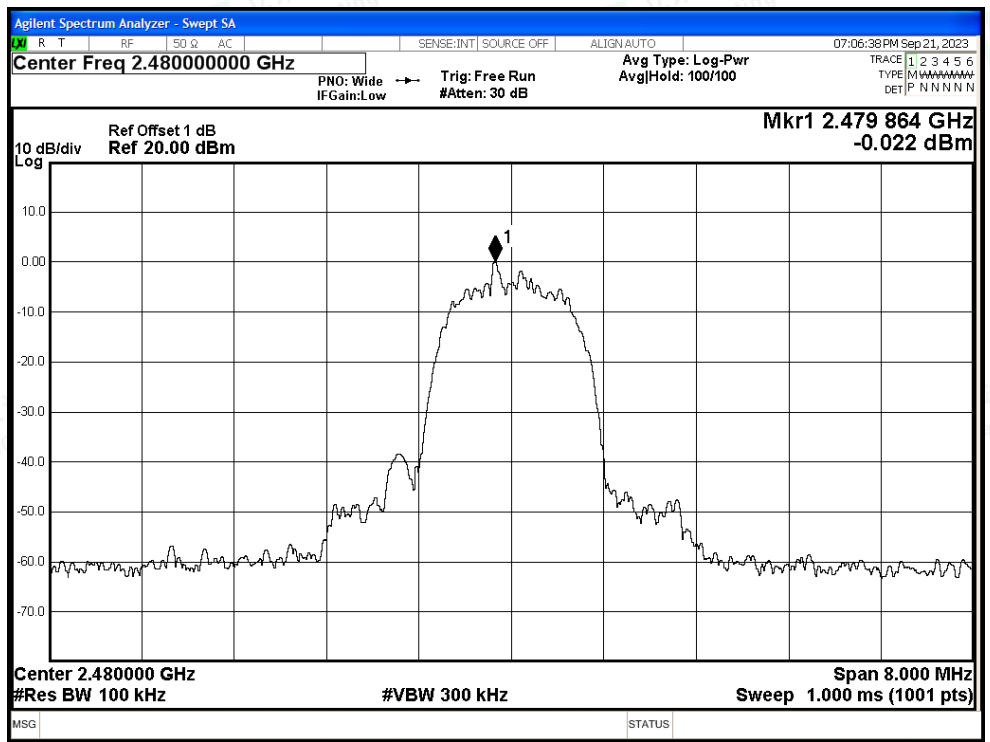


Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission

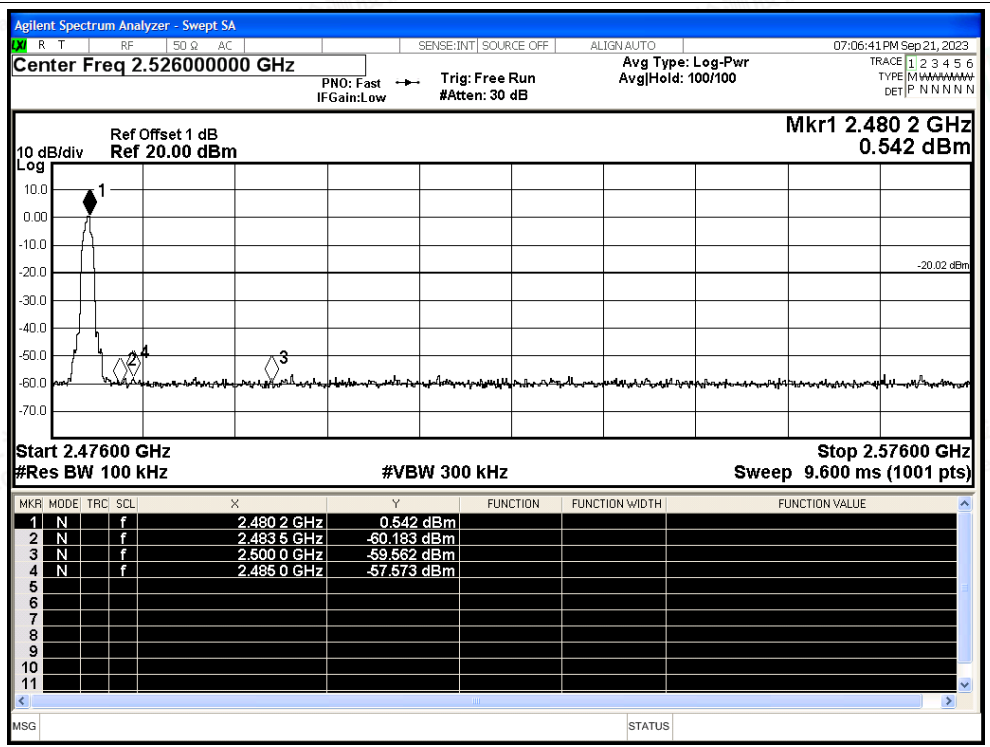




Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref



Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Emission





(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-56.66	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-57.77	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-55.83	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-57.61	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-56.3	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-39.42	-20	Pass

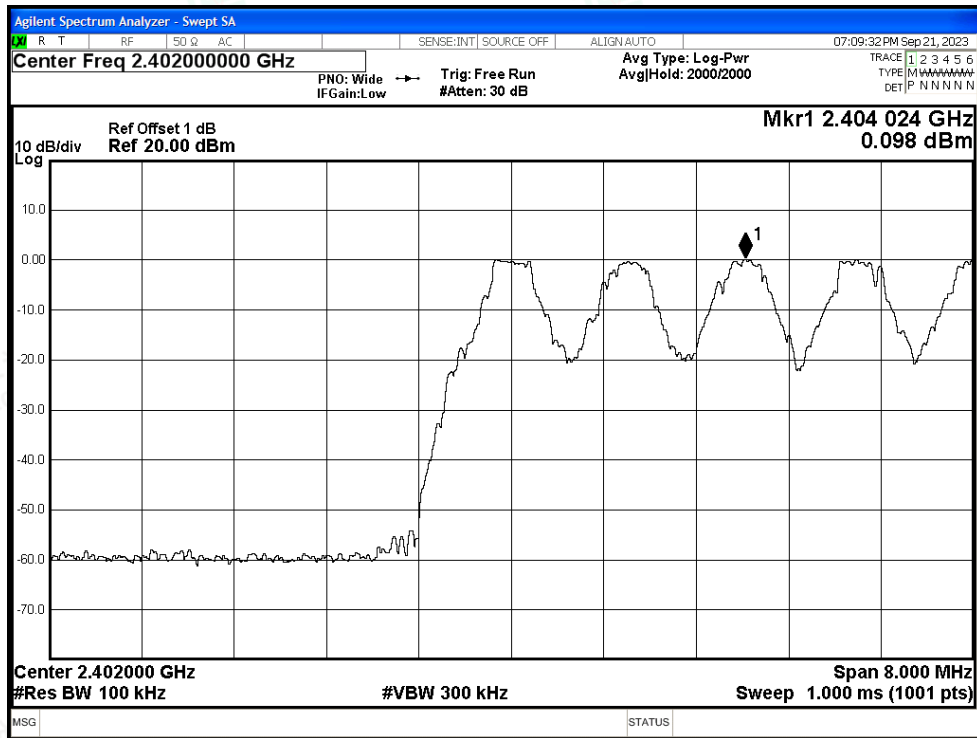


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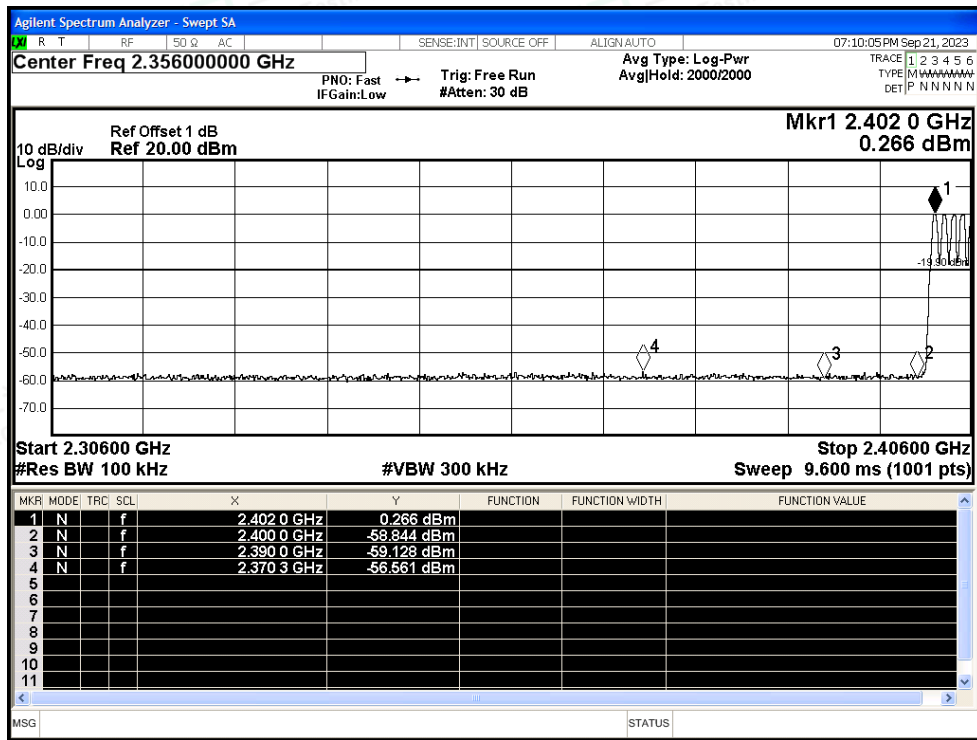


Test Graphs

Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref

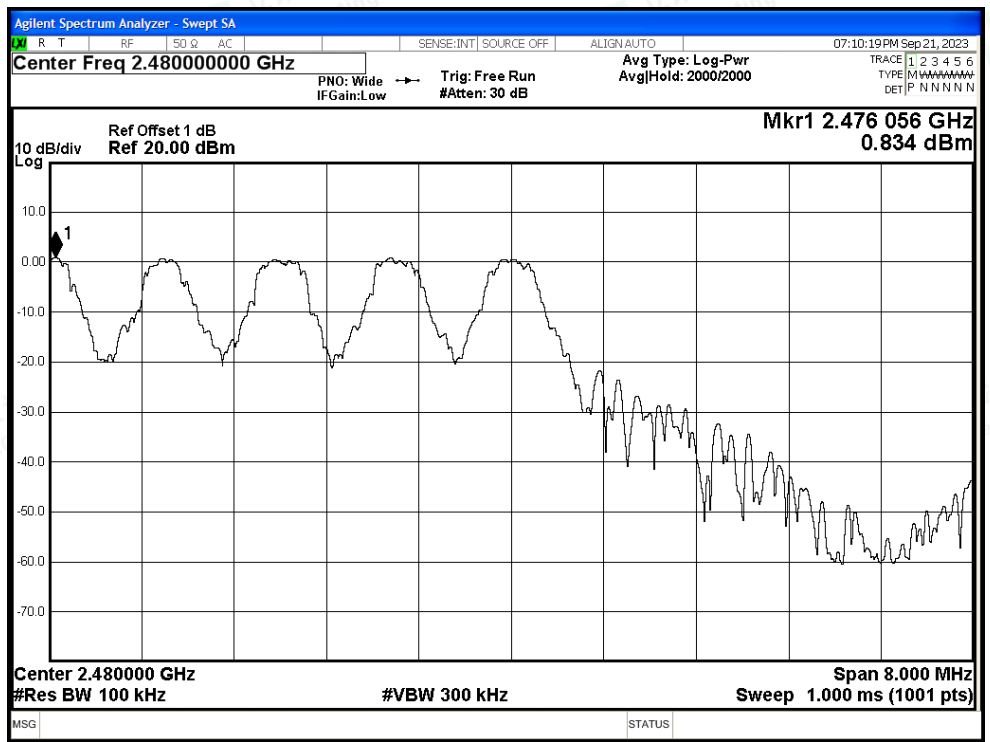


Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission

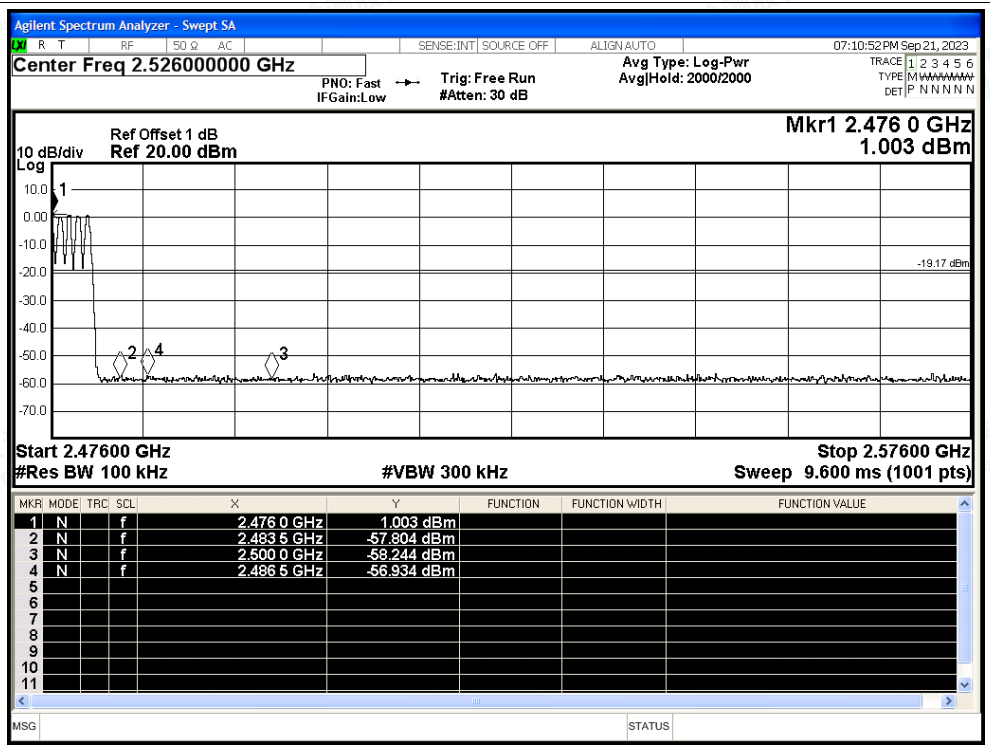




Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission

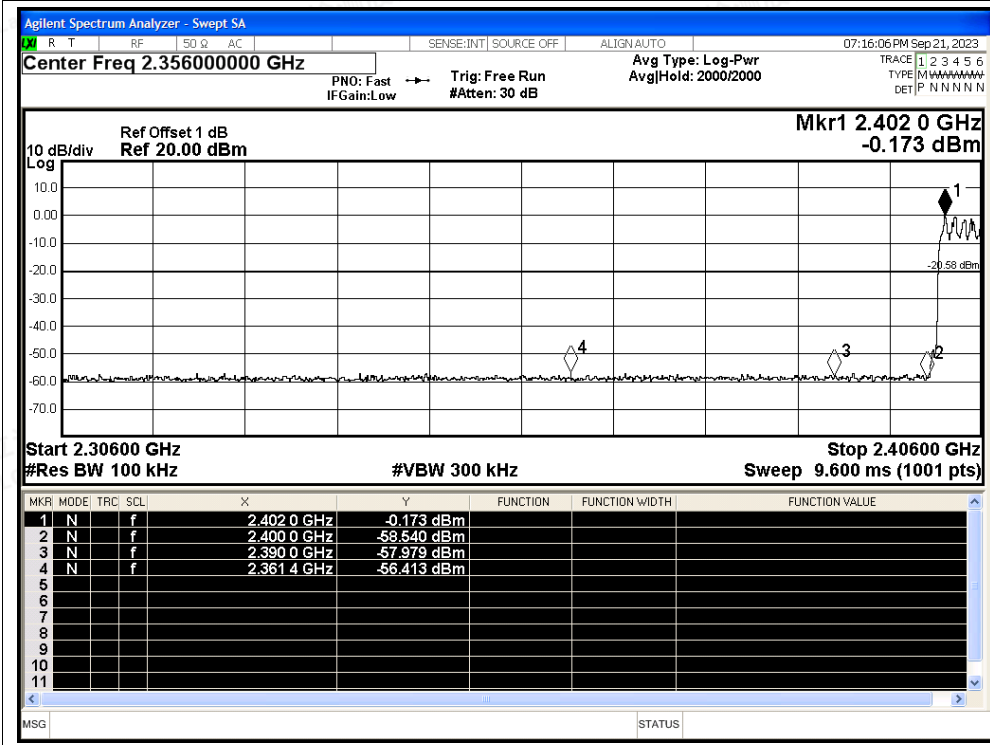




Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref

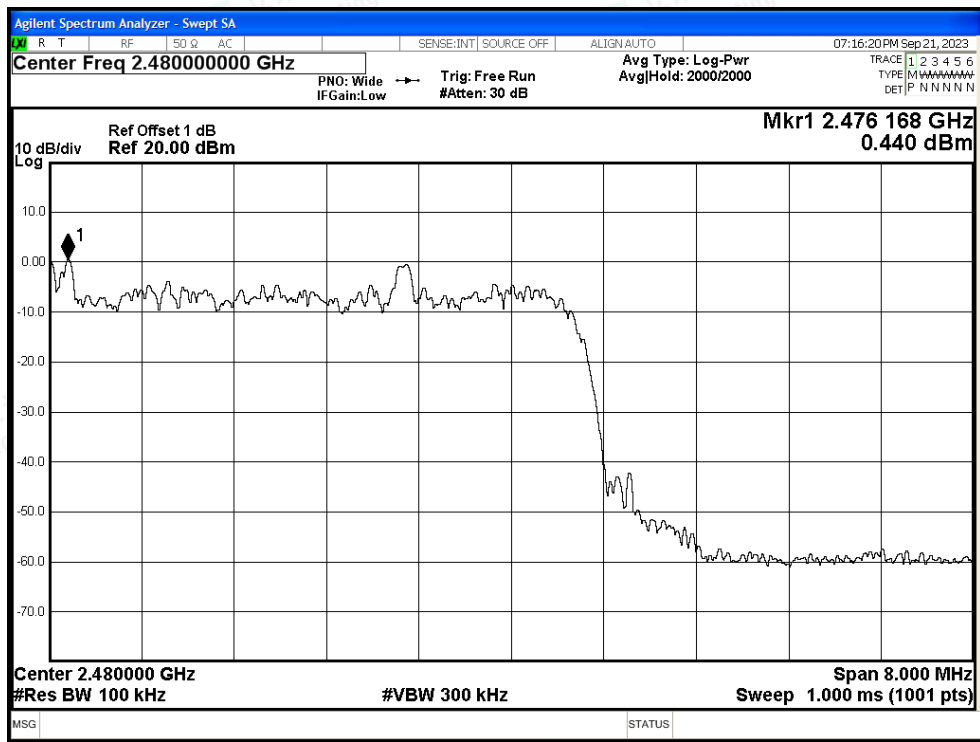


Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission

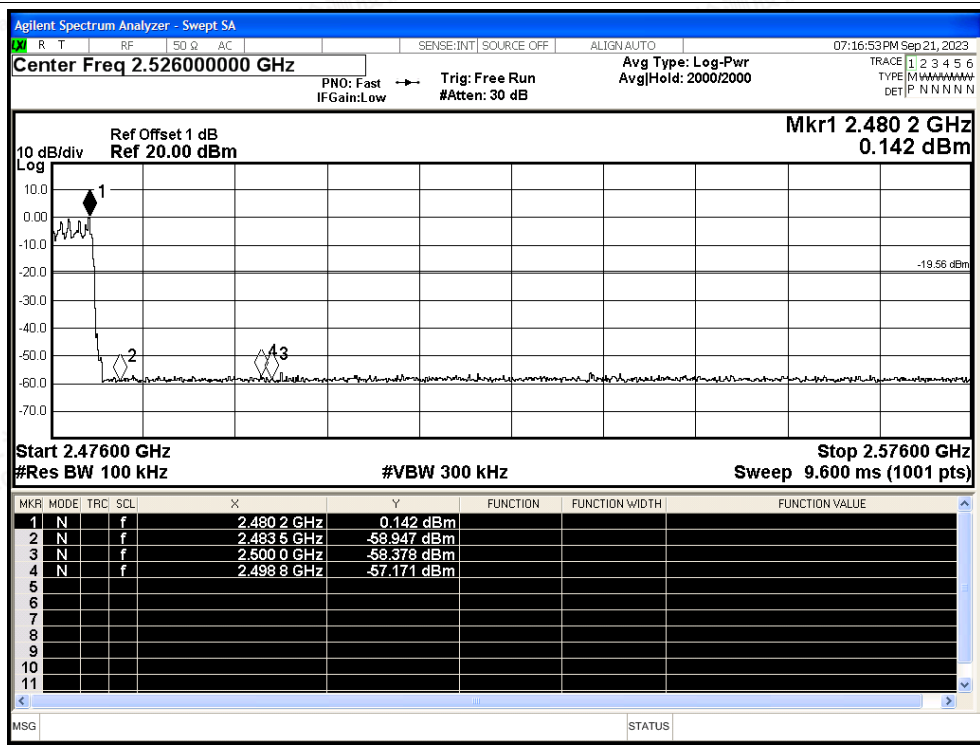




Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref

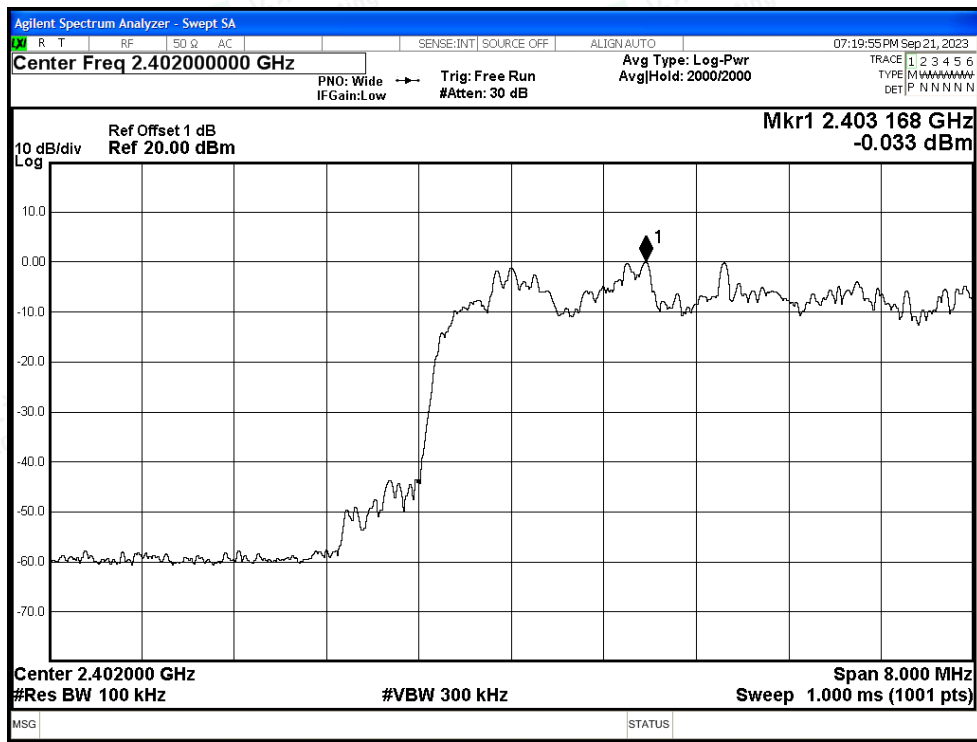


Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission

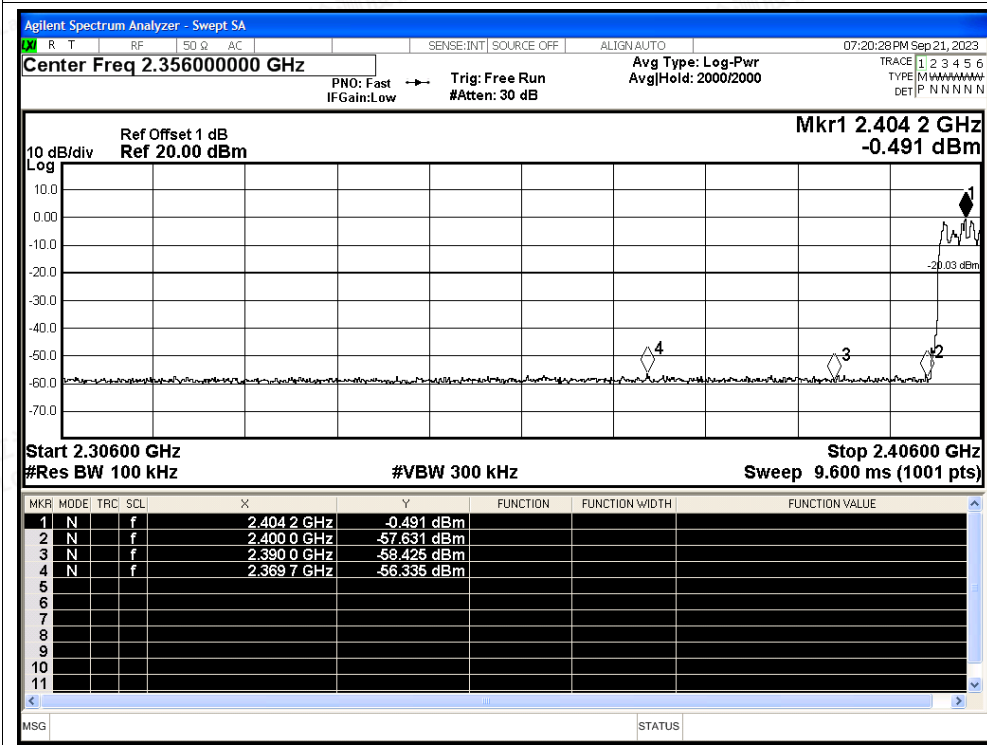




Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref

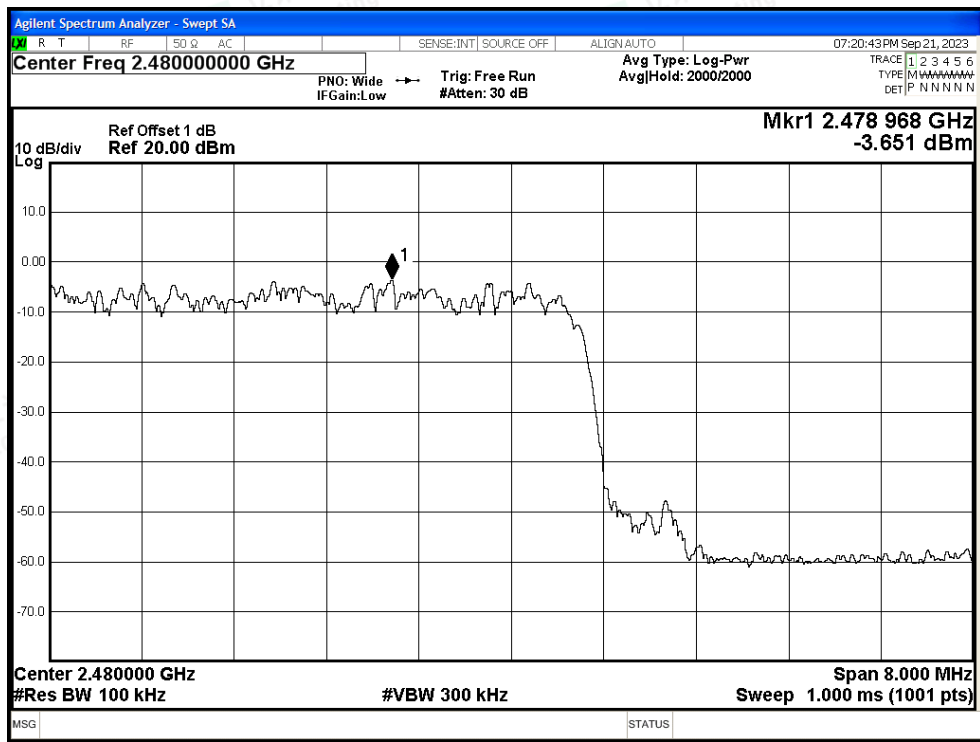


Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission

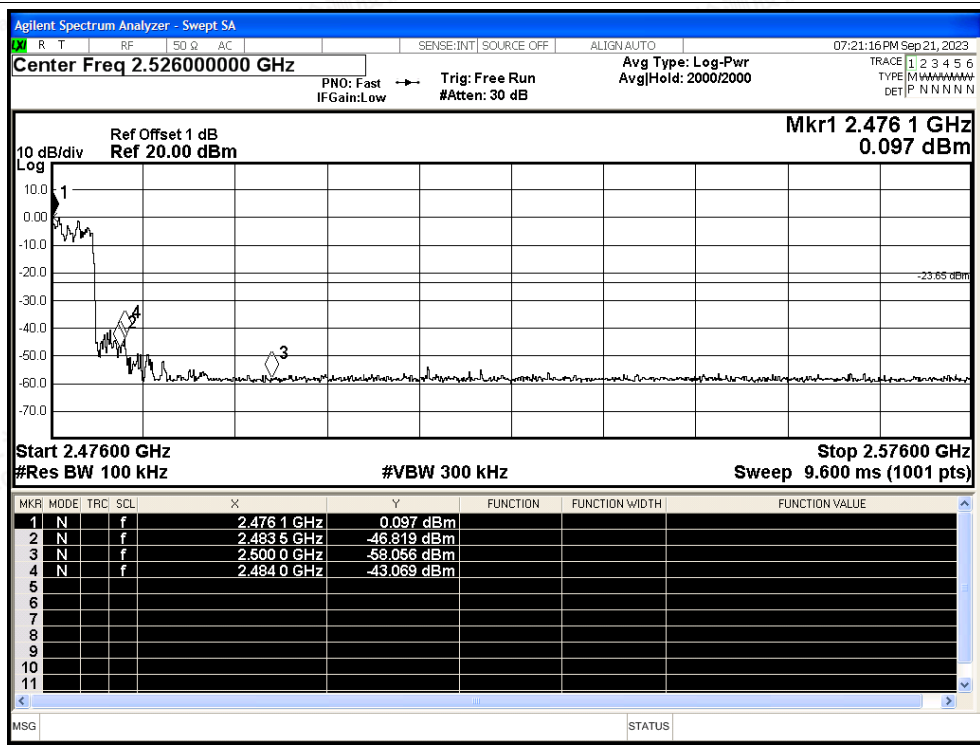




Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission





A.7 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-56.1	-20	Pass
NVNT	1-DH5	2441	Ant1	-57.07	-20	Pass
NVNT	1-DH5	2480	Ant1	-56.41	-20	Pass
NVNT	2-DH5	2402	Ant1	-55.68	-20	Pass
NVNT	2-DH5	2441	Ant1	-56.35	-20	Pass
NVNT	2-DH5	2480	Ant1	-55.82	-20	Pass
NVNT	3-DH5	2402	Ant1	-55.75	-20	Pass
NVNT	3-DH5	2441	Ant1	-55.91	-20	Pass
NVNT	3-DH5	2480	Ant1	-56.49	-20	Pass

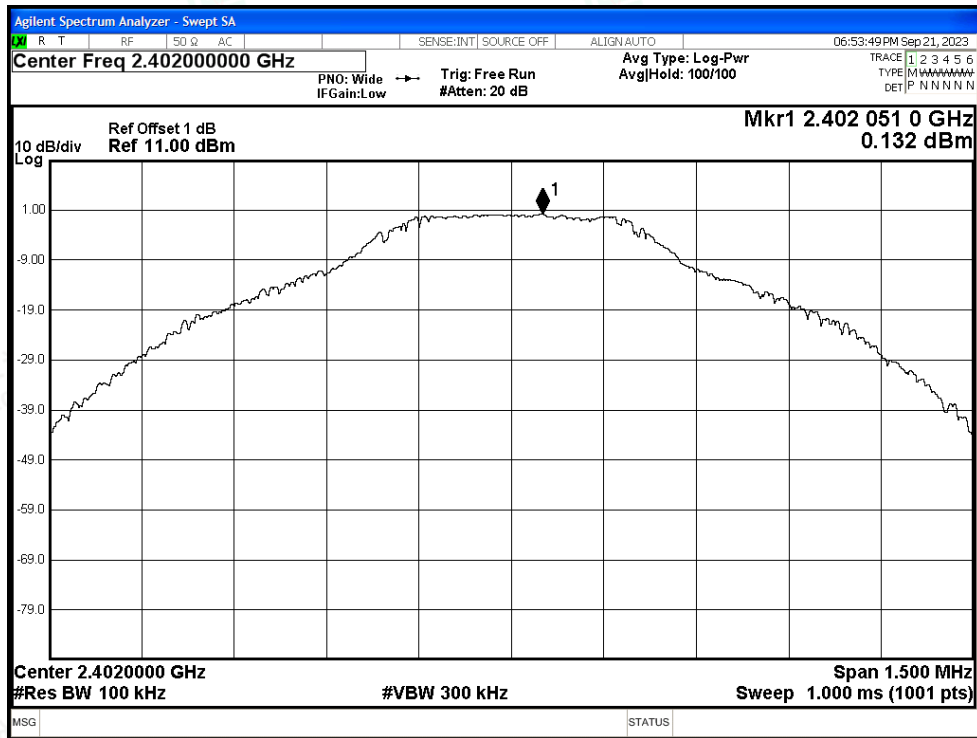


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Scan code to check authenticity

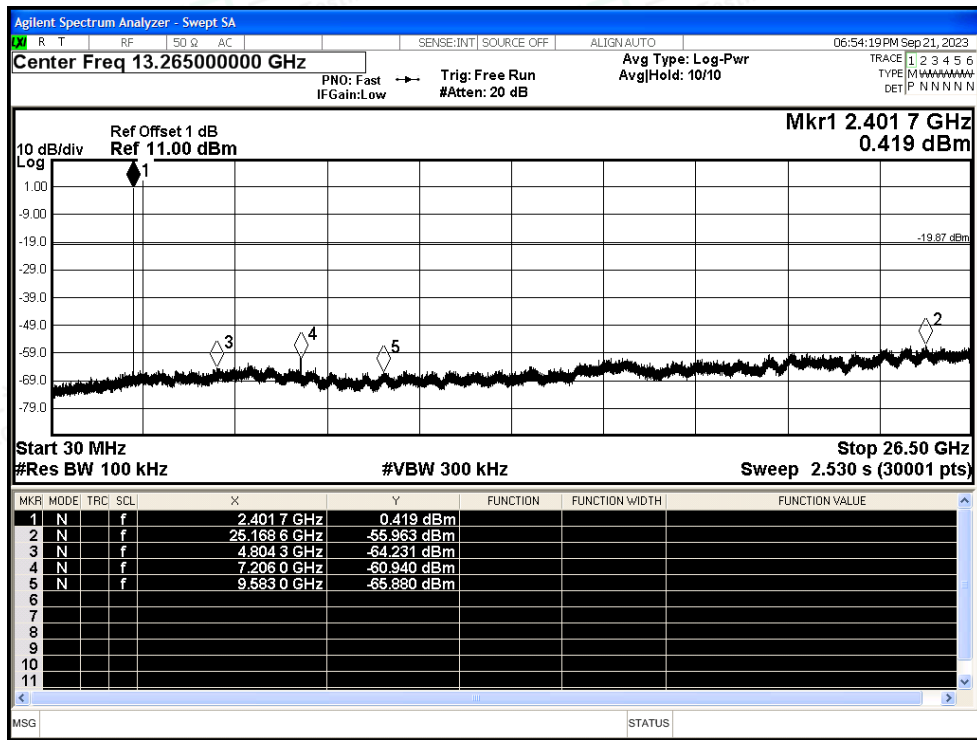


Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref

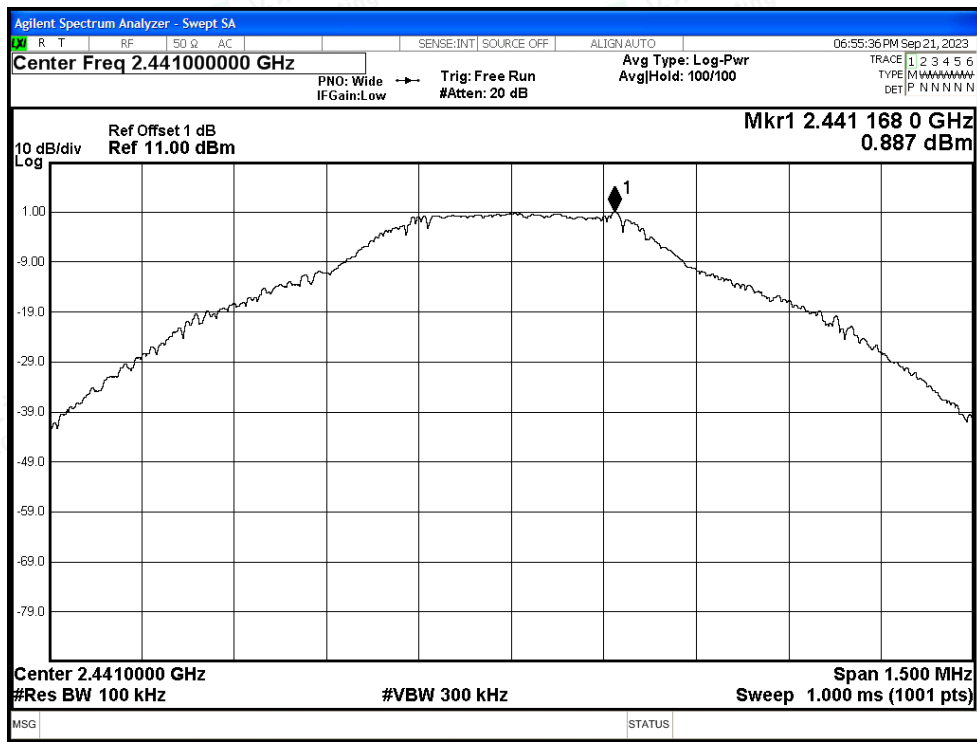


Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission

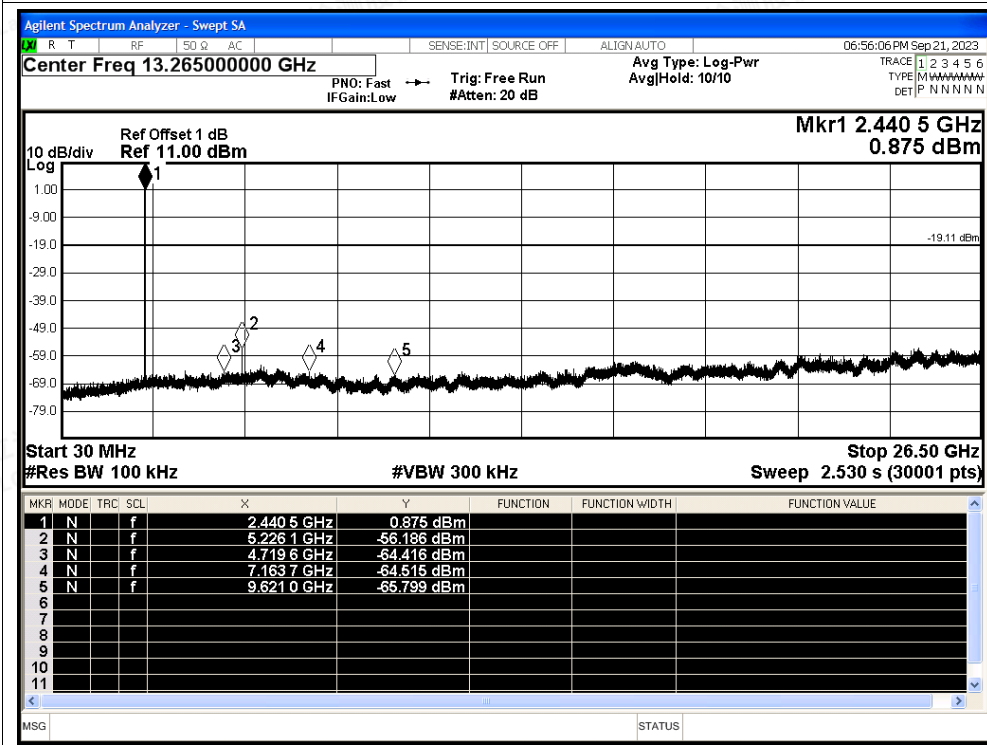




Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref

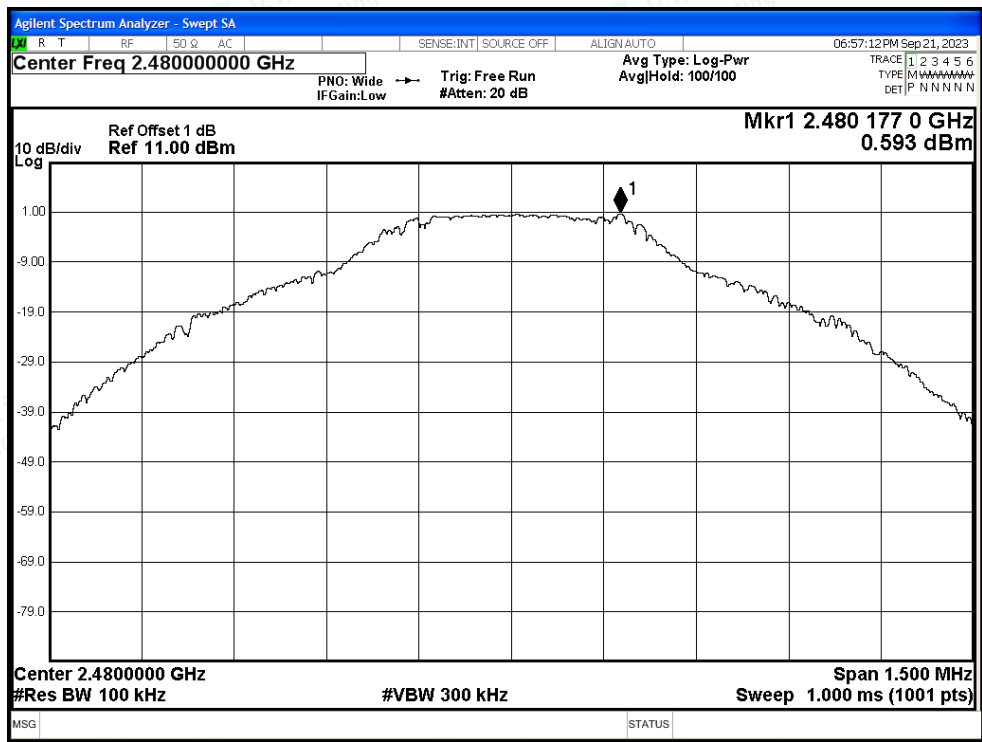


Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission

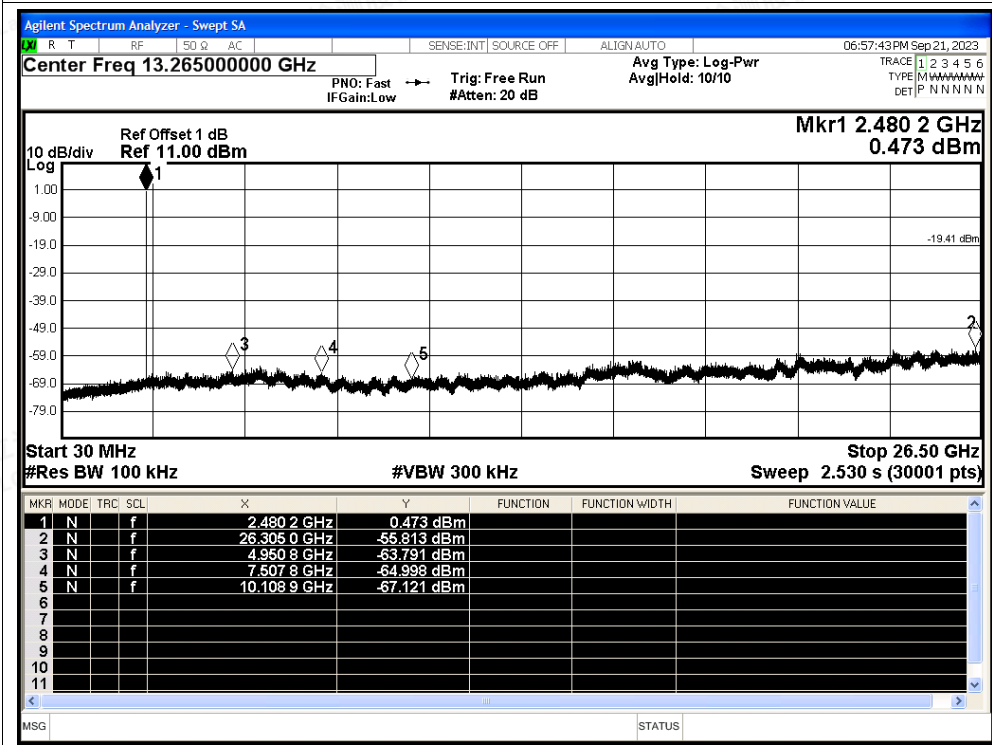




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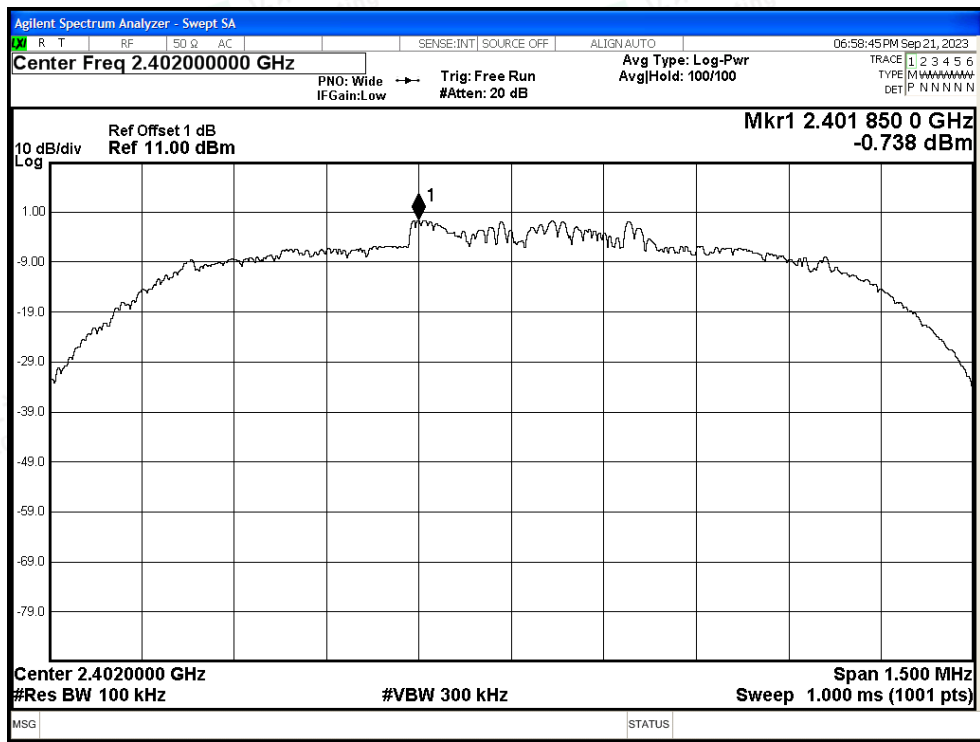


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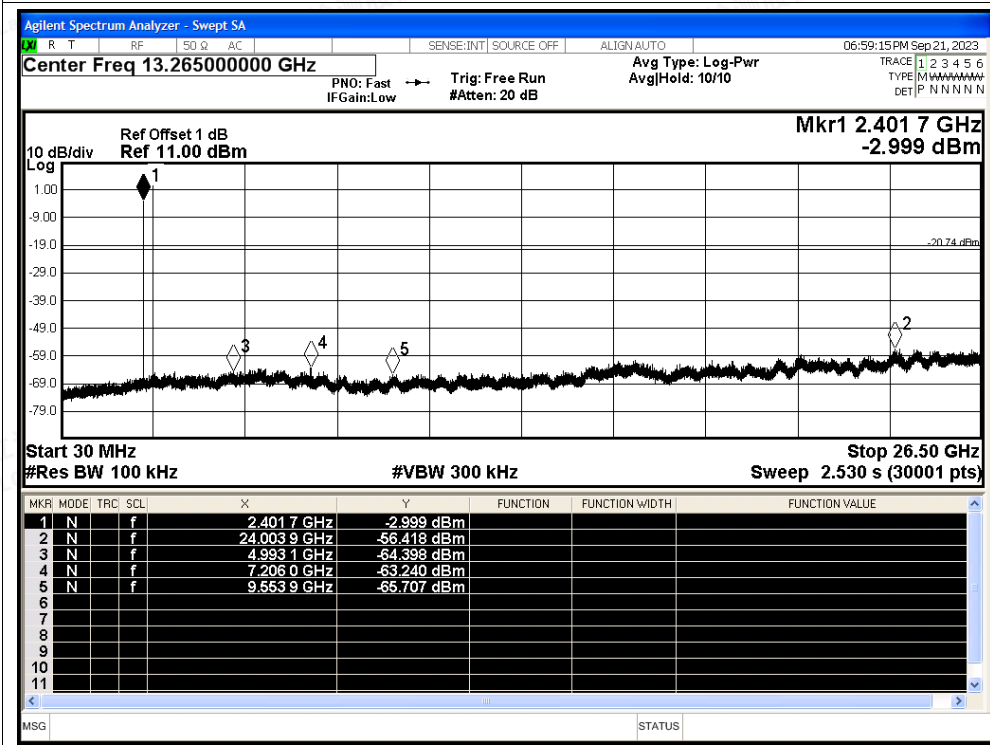




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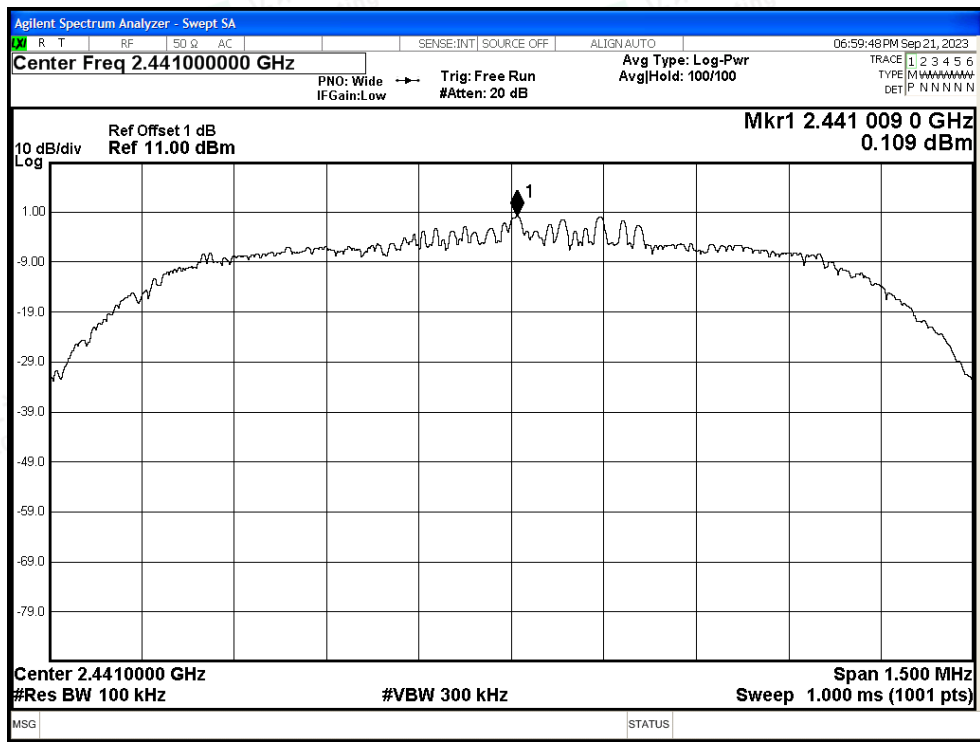


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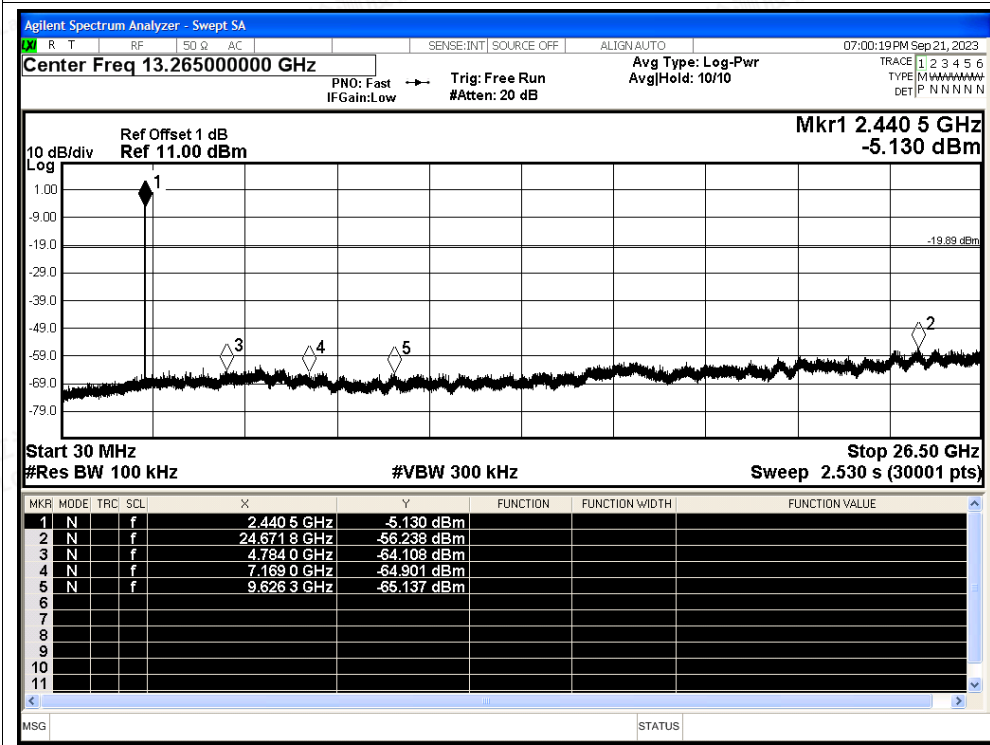




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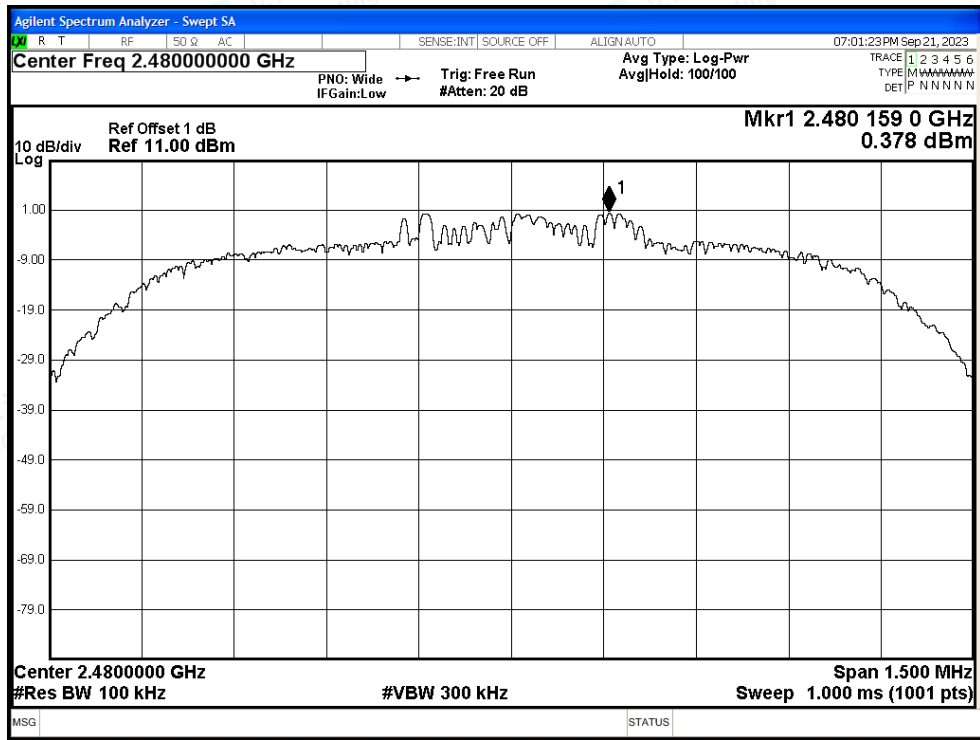


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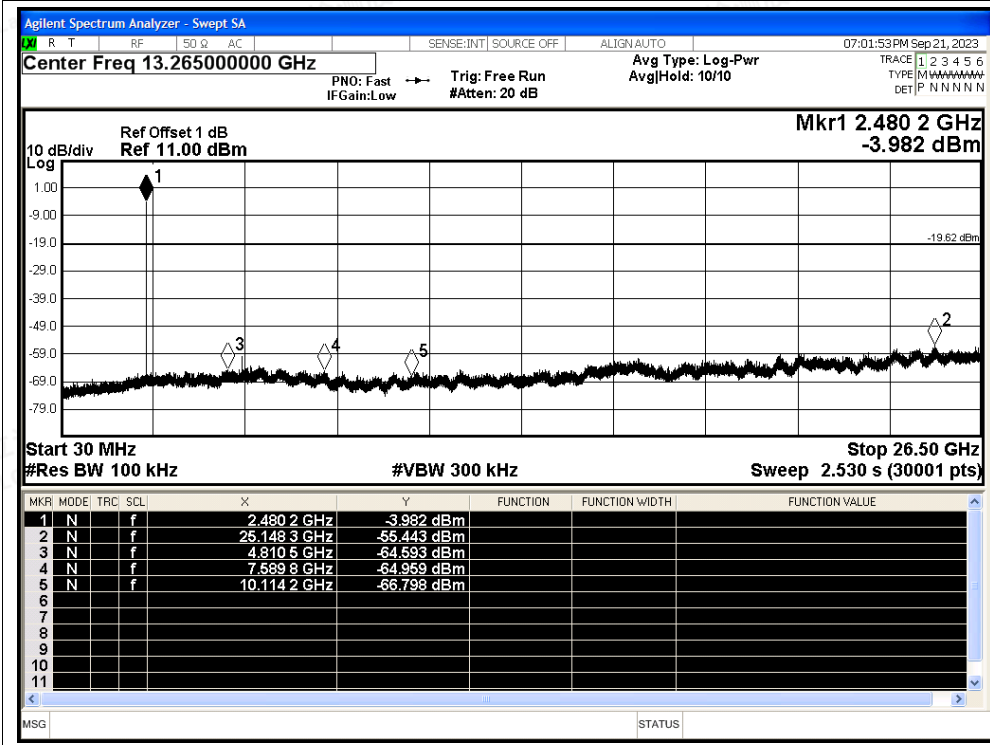




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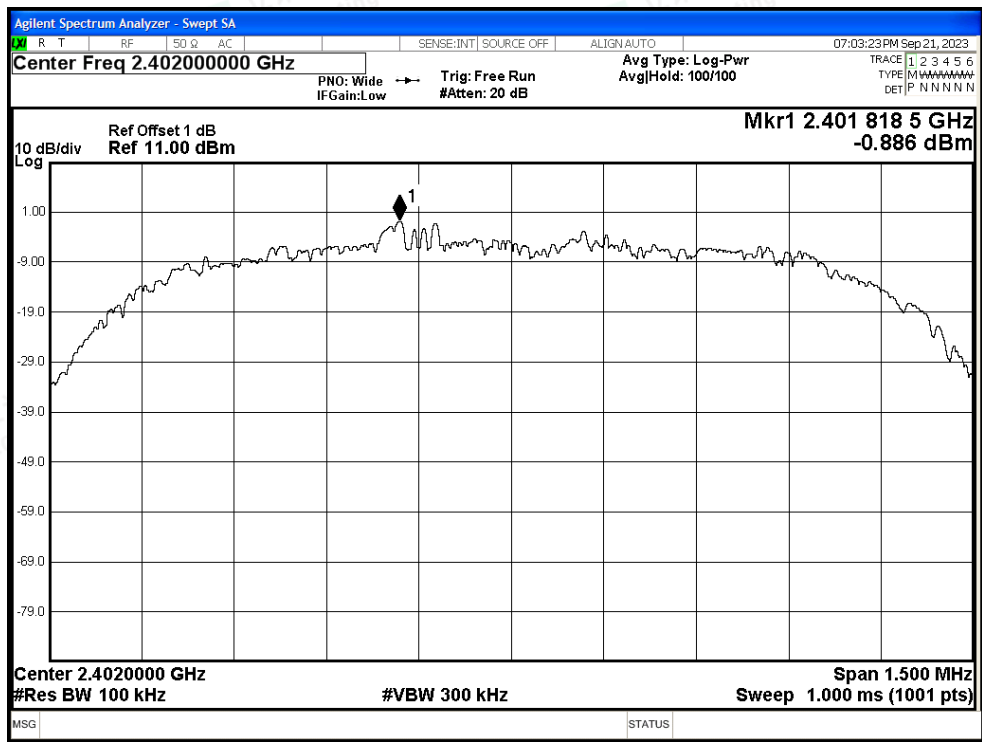


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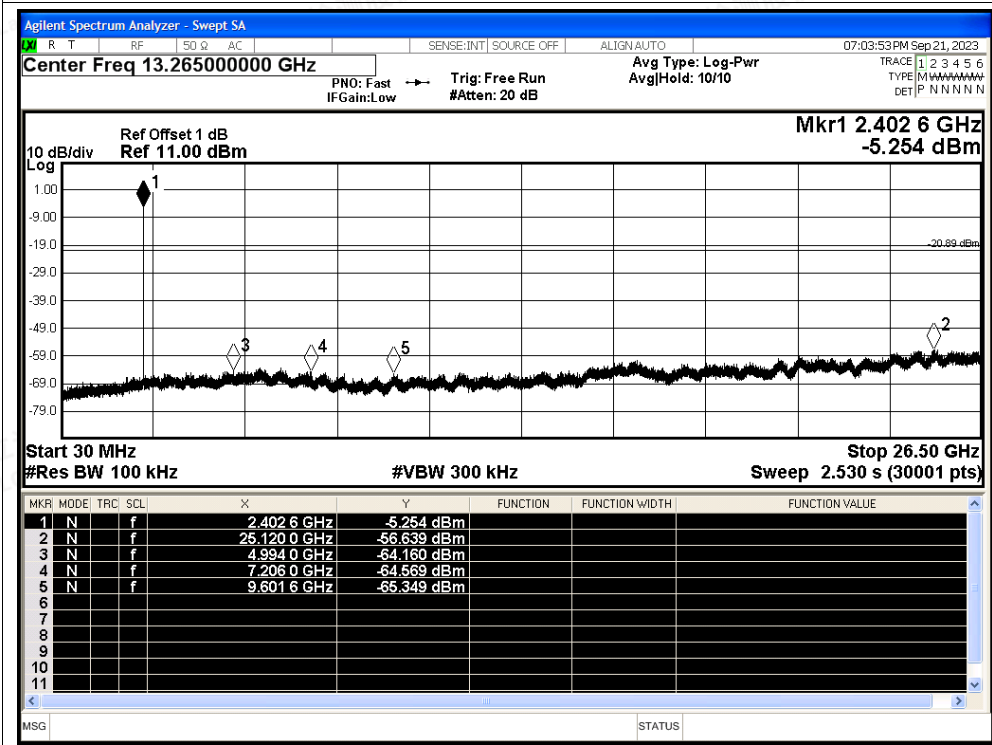




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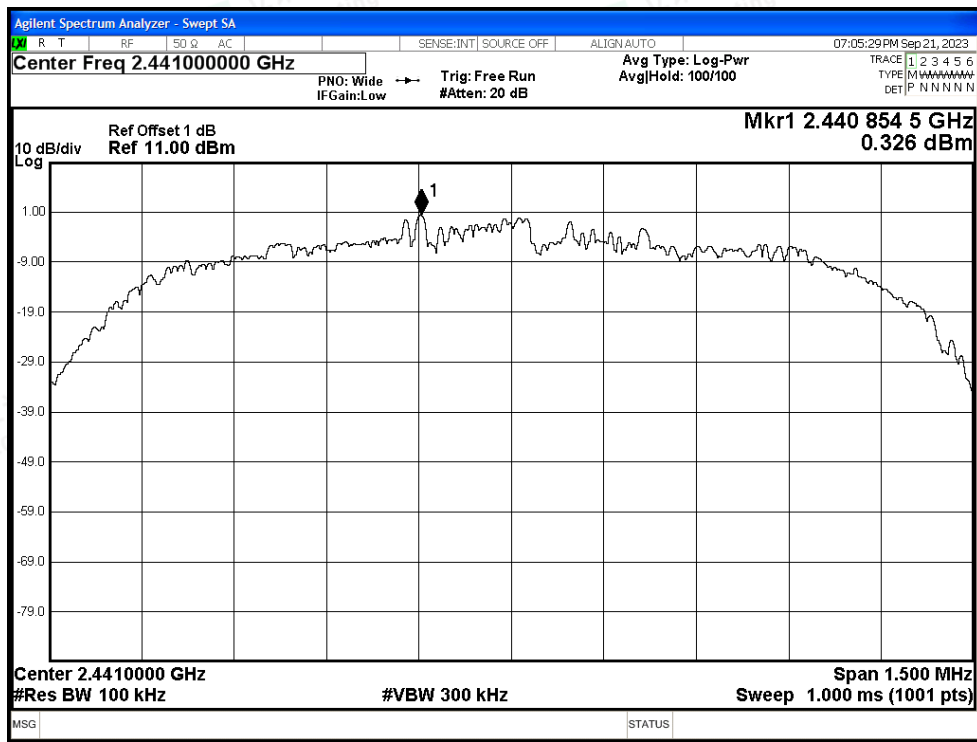


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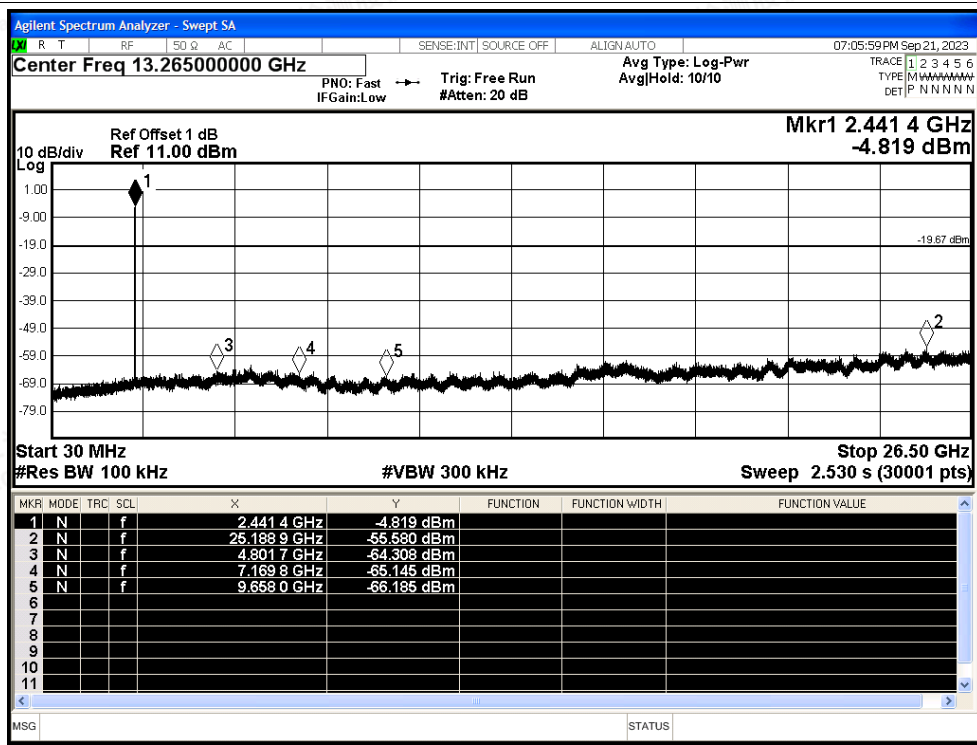




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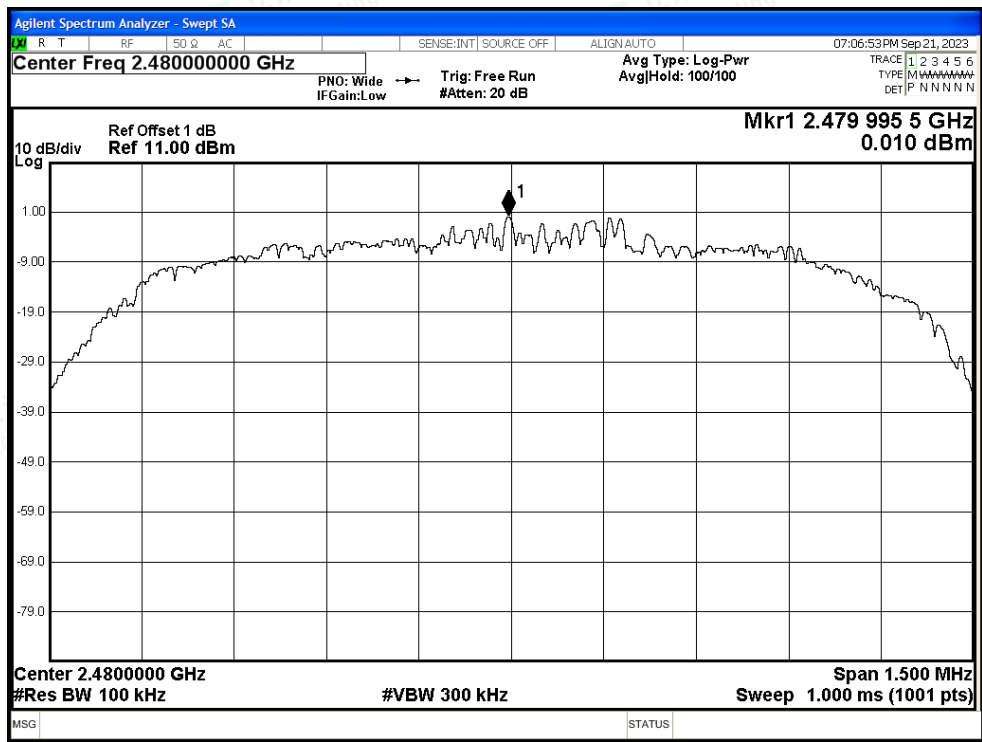


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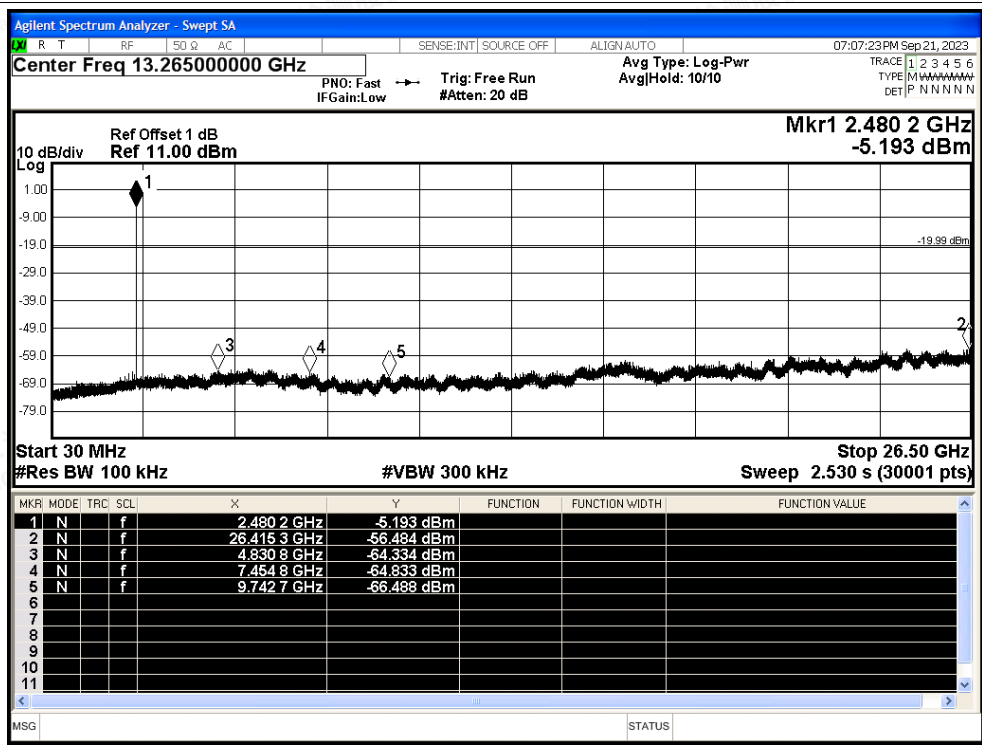




Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission





A.8 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-51.7	2	45.56	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-60.98	2	36.28	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2389.968	-47.28	2	49.98	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2380.272	-60.28	2	36.98	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-47.28	2	49.98	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-60.63	2	36.63	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-50.76	2	46.5	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-60.33	2	36.93	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.584	-47.87	2	49.39	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.656	-60.09	2	37.17	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-51.83	2	45.43	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-60.47	2	36.79	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-51.04	2	46.22	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-60.96	2	36.3	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2356.848	-47.89	2	49.37	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2385.936	-60.4	2	36.86	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-49.84	2	47.42	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-60.47	2	36.79	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-50.67	2	46.59	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-60.32	2	36.94	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2496.616	-47.77	2	49.49	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.68	-60.12	2	37.14	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-50.87	2	46.39	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-60.51	2	36.75	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-51.4	2	45.86	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-61.12	2	36.14	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2387.952	-48.54	2	48.72	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2387.952	-60.42	2	36.84	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-50.19	2	47.07	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-60.65	2	36.61	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-49.26	2	48	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-60.17	2	37.09	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2499.088	-46.88	2	50.38	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.968	-59.94	2	37.32	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-50.21	2	47.05	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-60.6	2	36.66	Average	54	Pass

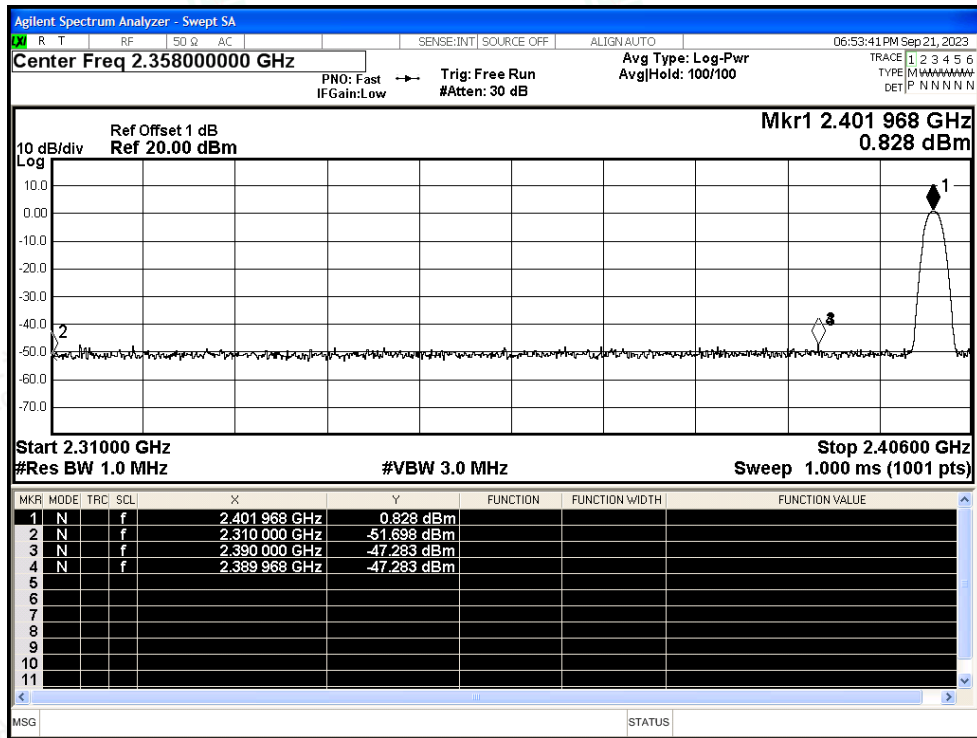


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 Scan code to check authenticity

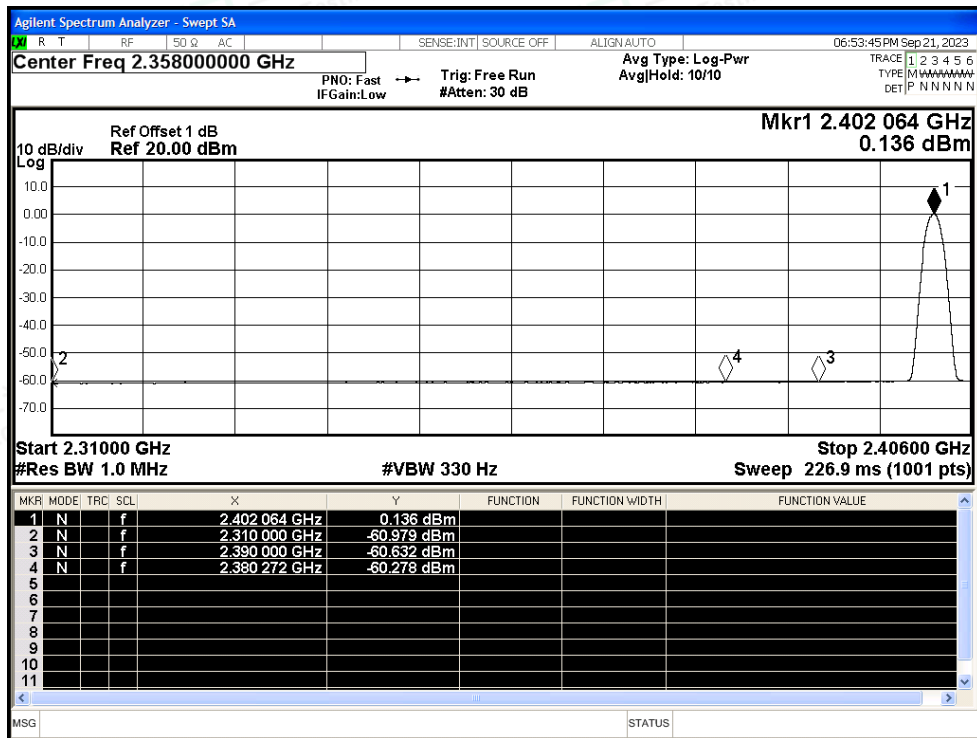


Test Graphs

Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Peak

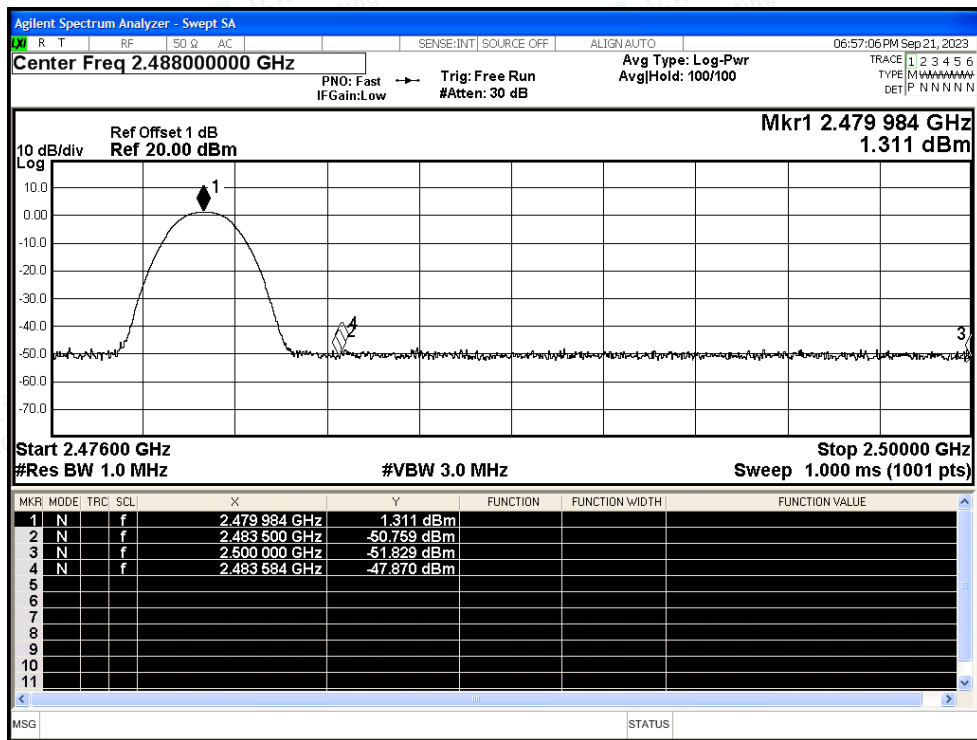


Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Average

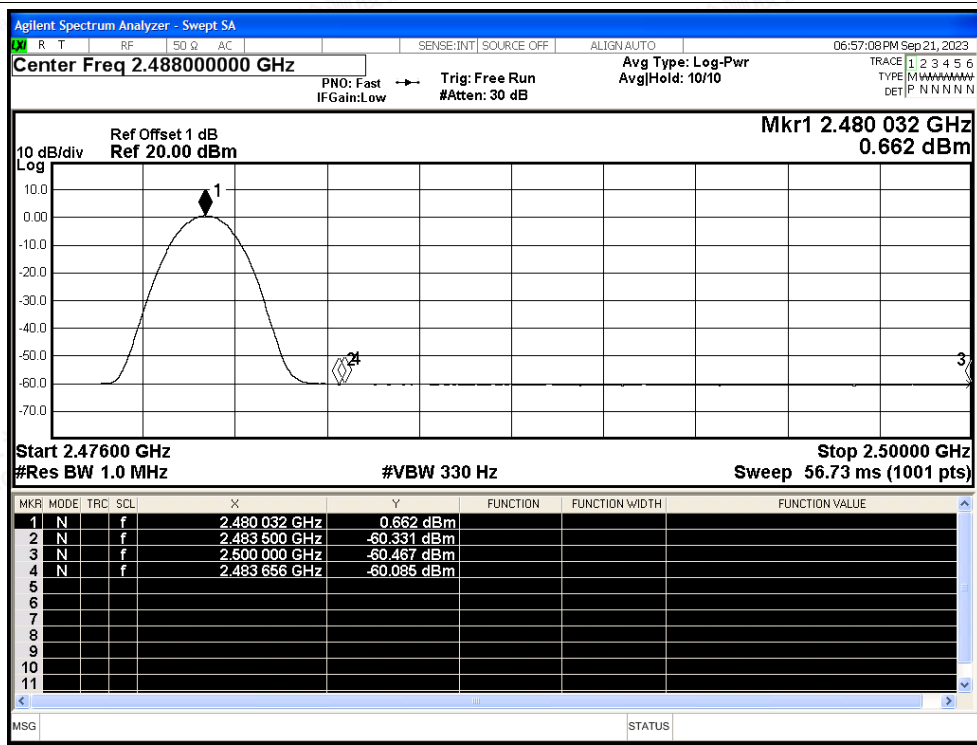




Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak

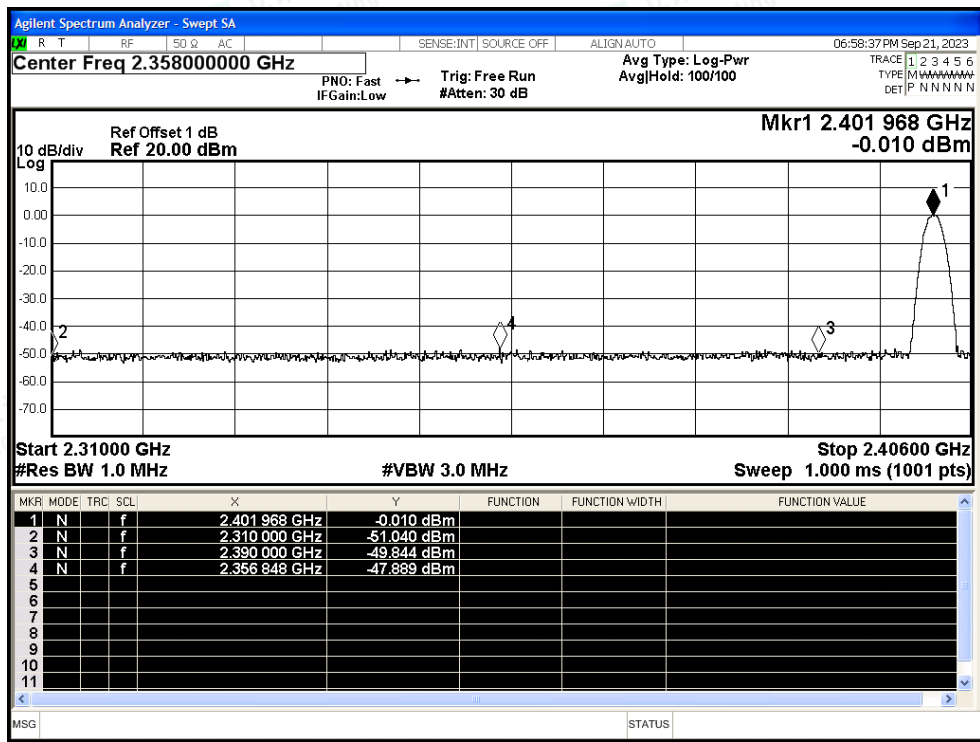


Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average

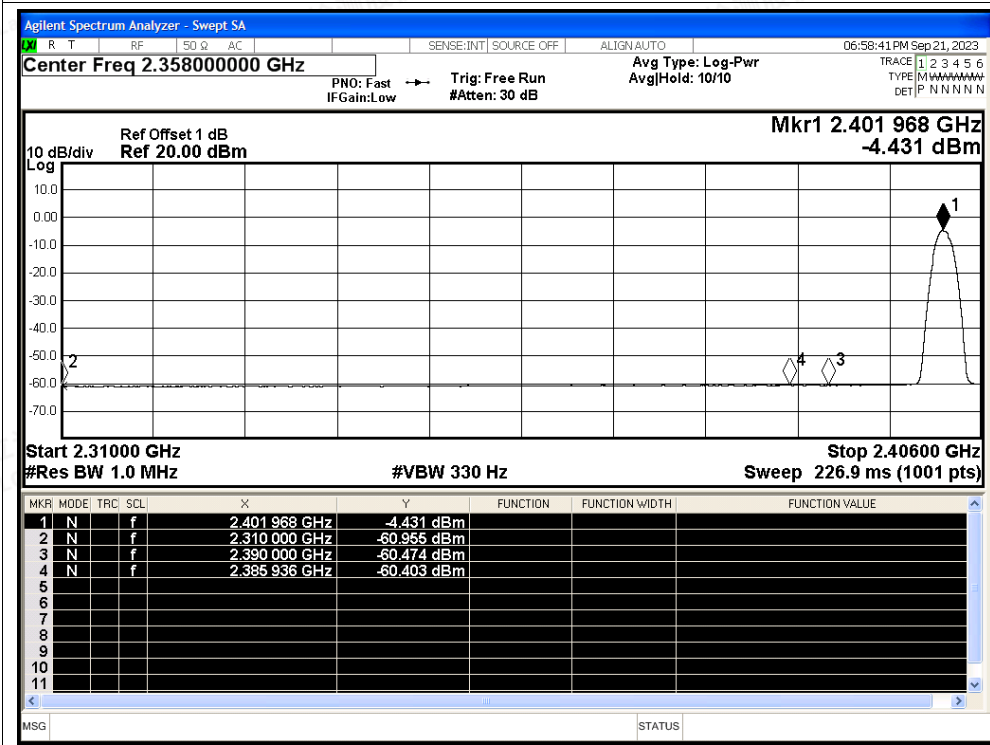




Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Peak

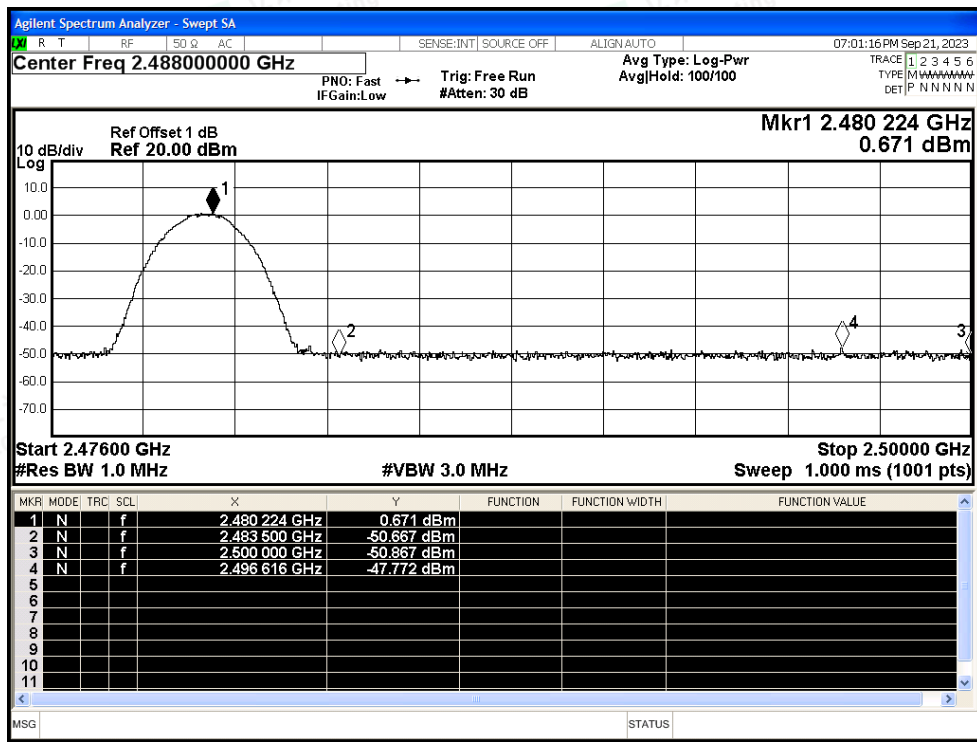


Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Average

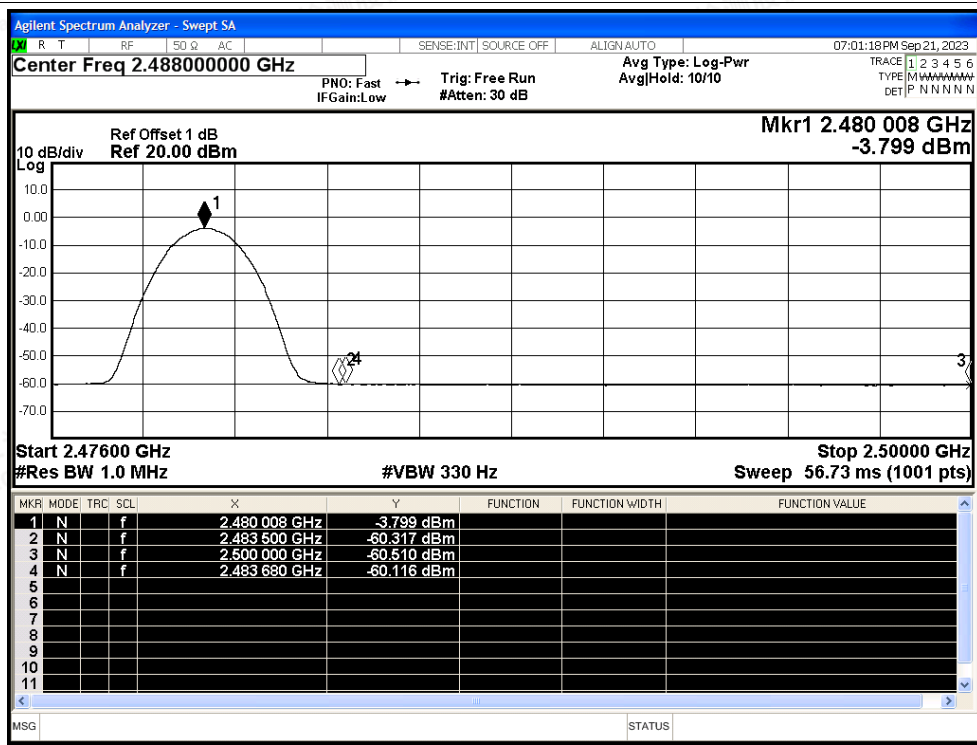




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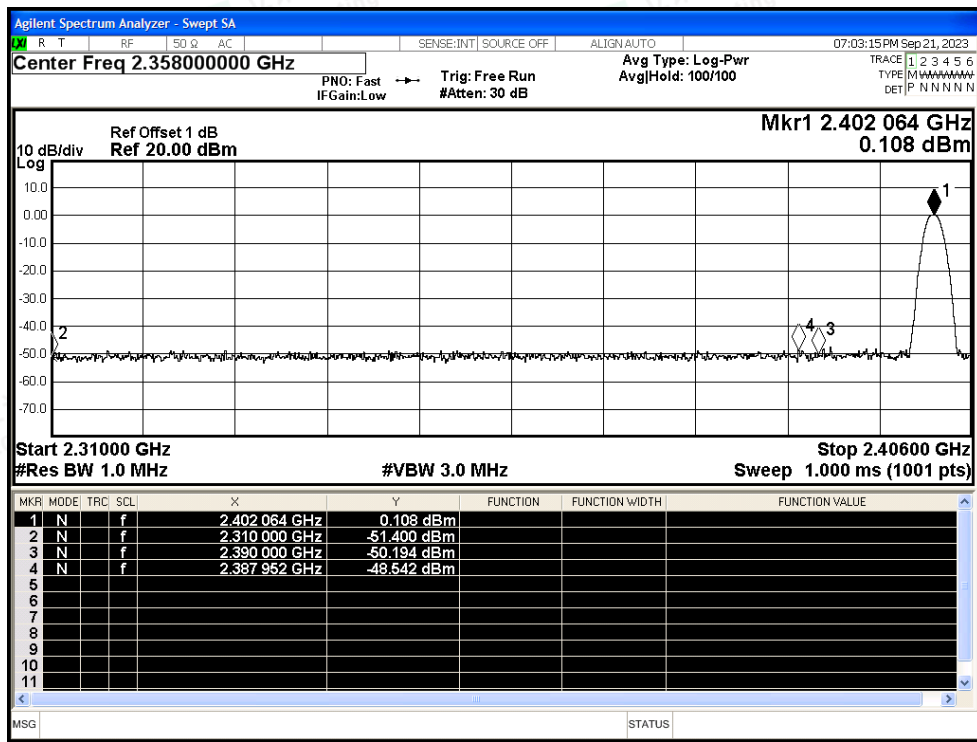


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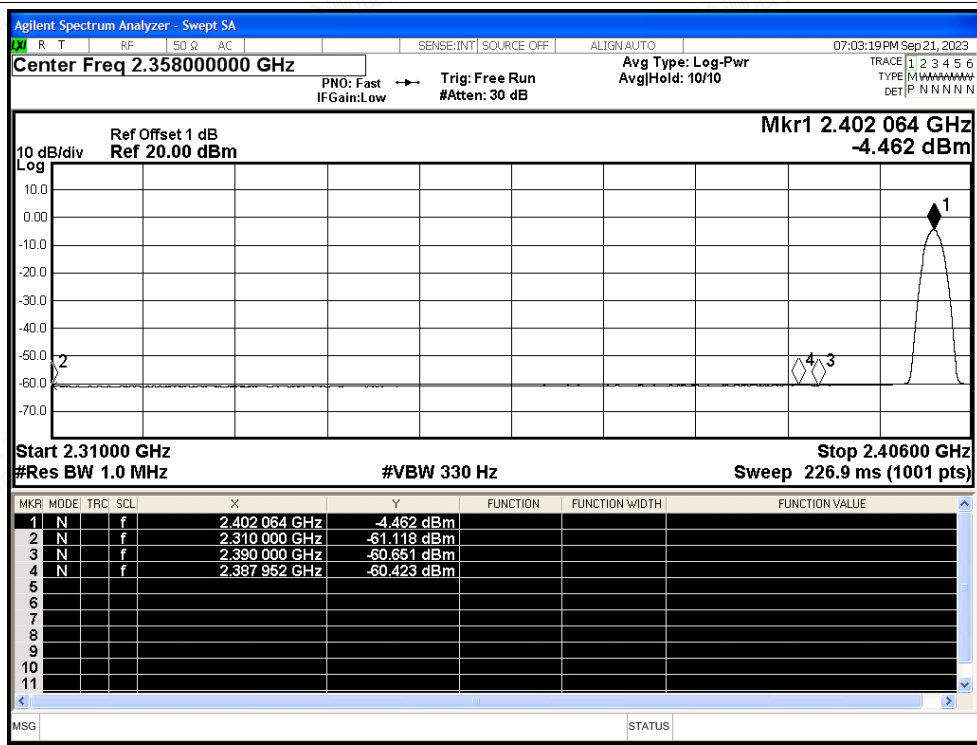




Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Peak

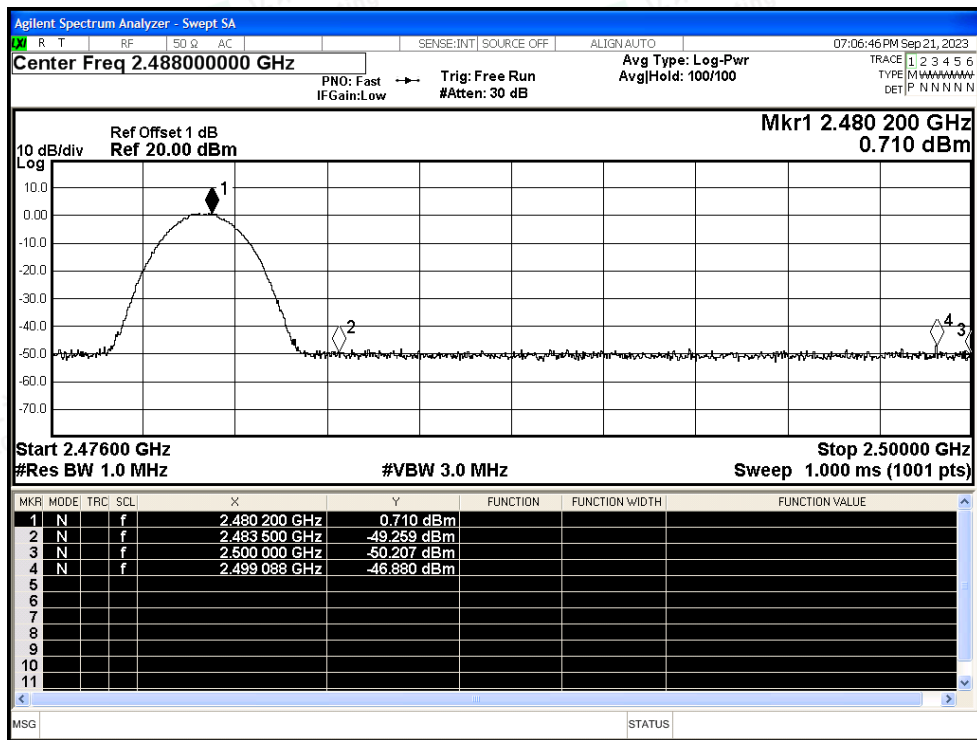


Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Average





Restrict Band NVNT 3-DH5 2480MHz Ant1 No-Hopping Peak



Restrict Band NVNT 3-DH5 2480MHz Ant1 No-Hopping Average

