



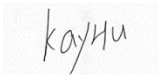
Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Tablet PC

Test Model: M30

Environmental Conditions

Temperature:	23.5 ° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	 Kay Hu
Supervised by:	 Li Huan





A.1 -20dB Bandwidth

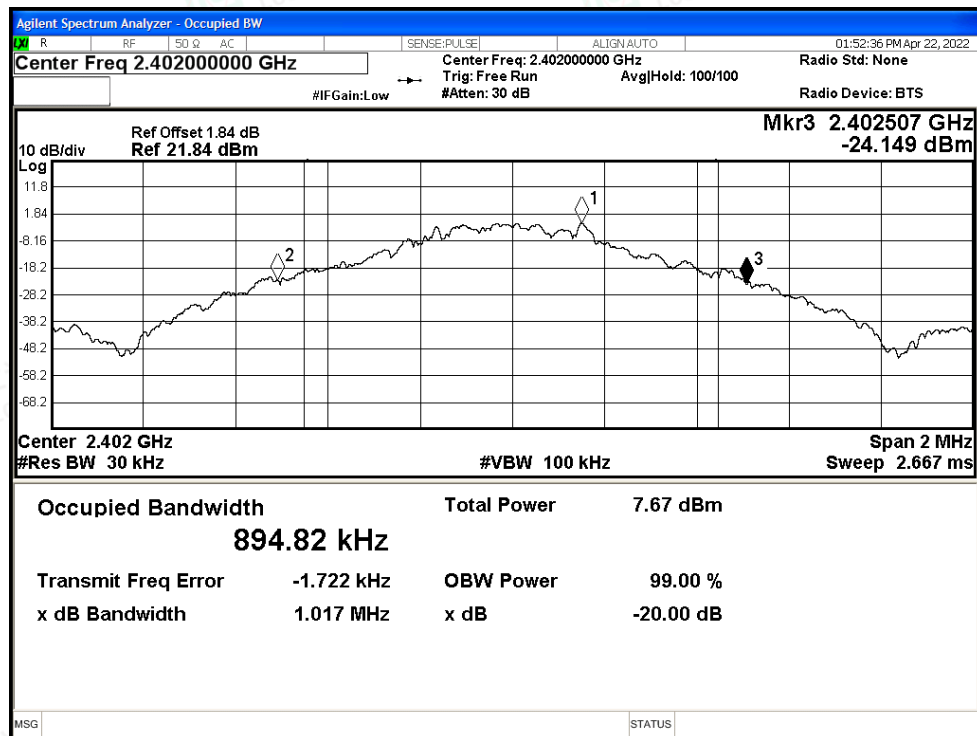
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	1.017	Pass
NVNT	1-DH5	2441	Ant1	1.038	Pass
NVNT	1-DH5	2480	Ant1	0.967	Pass
NVNT	2-DH5	2402	Ant1	1.28	Pass
NVNT	2-DH5	2441	Ant1	1.324	Pass
NVNT	2-DH5	2480	Ant1	1.279	Pass
NVNT	3-DH5	2402	Ant1	1.278	Pass
NVNT	3-DH5	2441	Ant1	1.294	Pass
NVNT	3-DH5	2480	Ant1	1.281	Pass



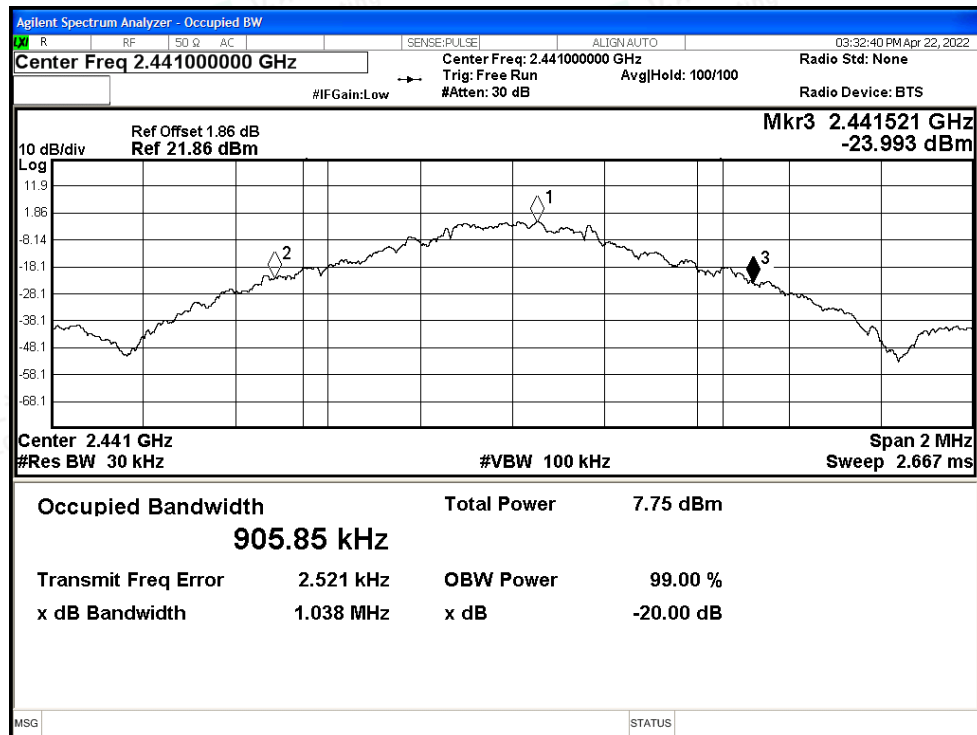


Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1

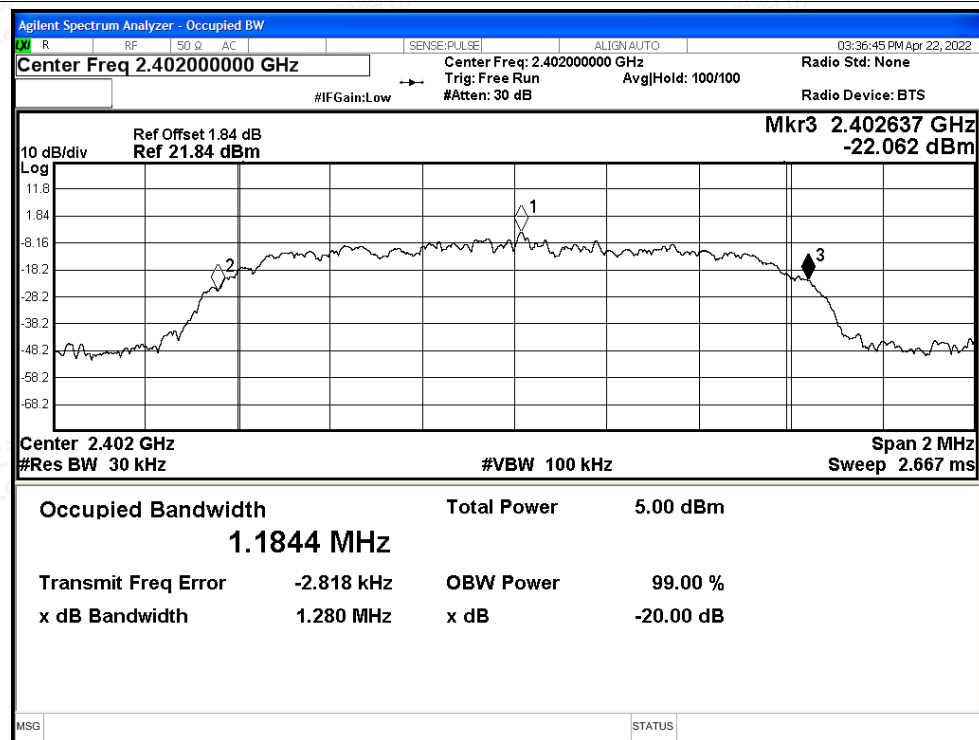




-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1

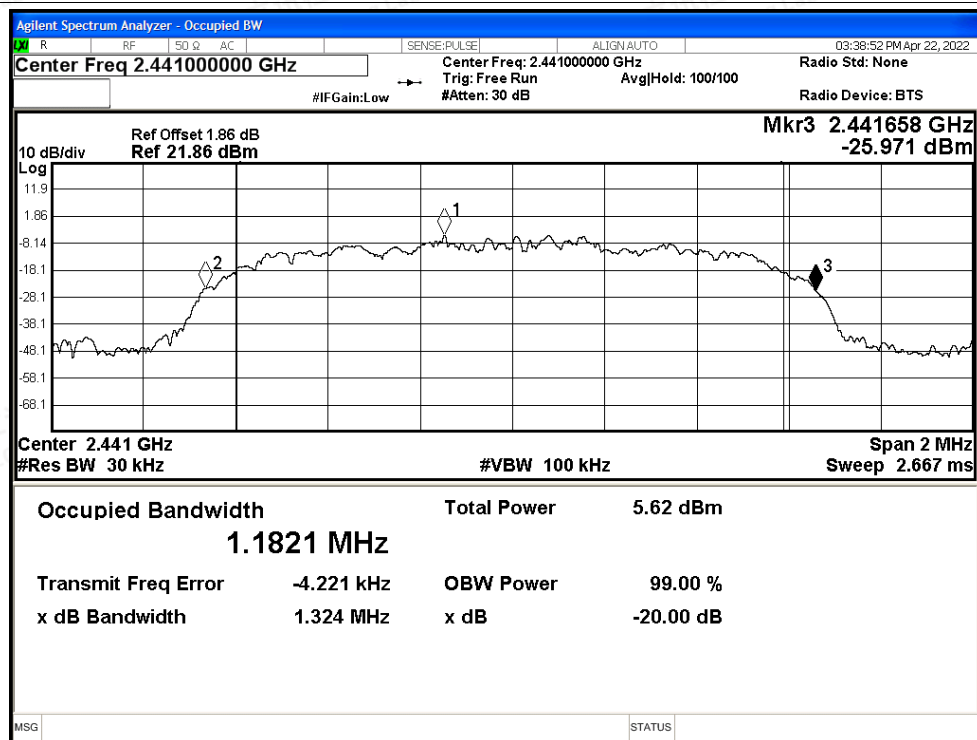


-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1

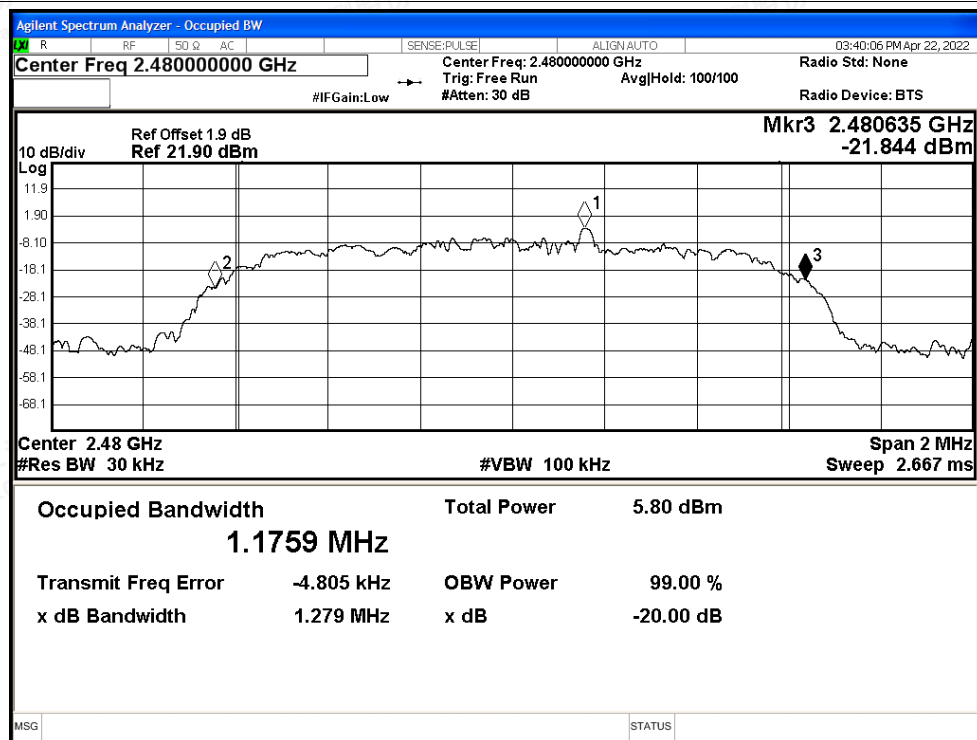




-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1

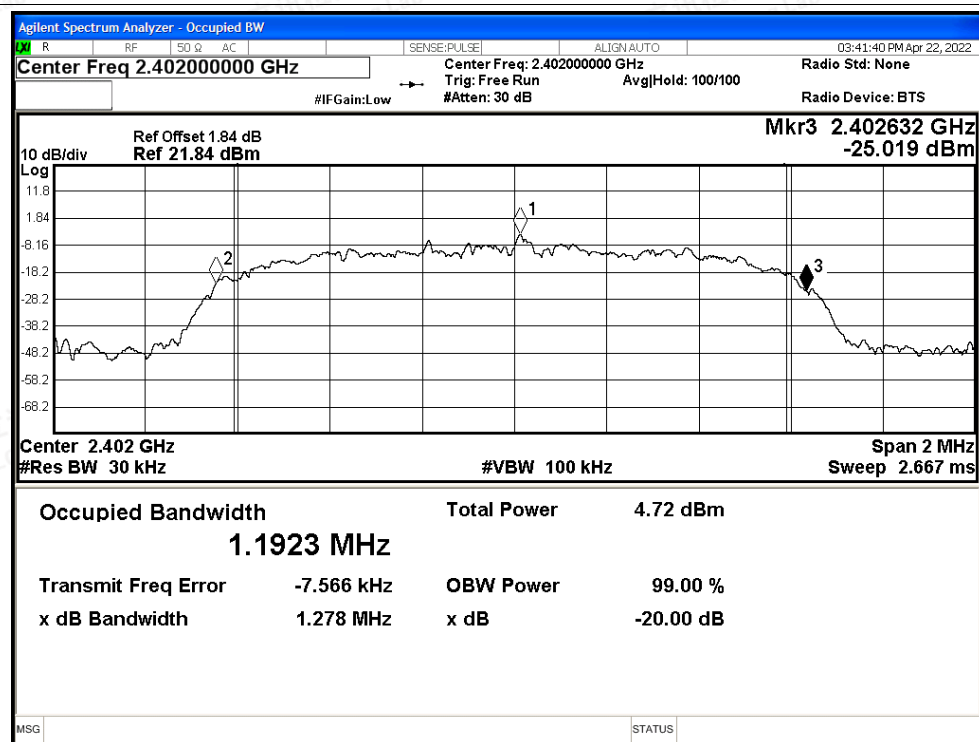


-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1

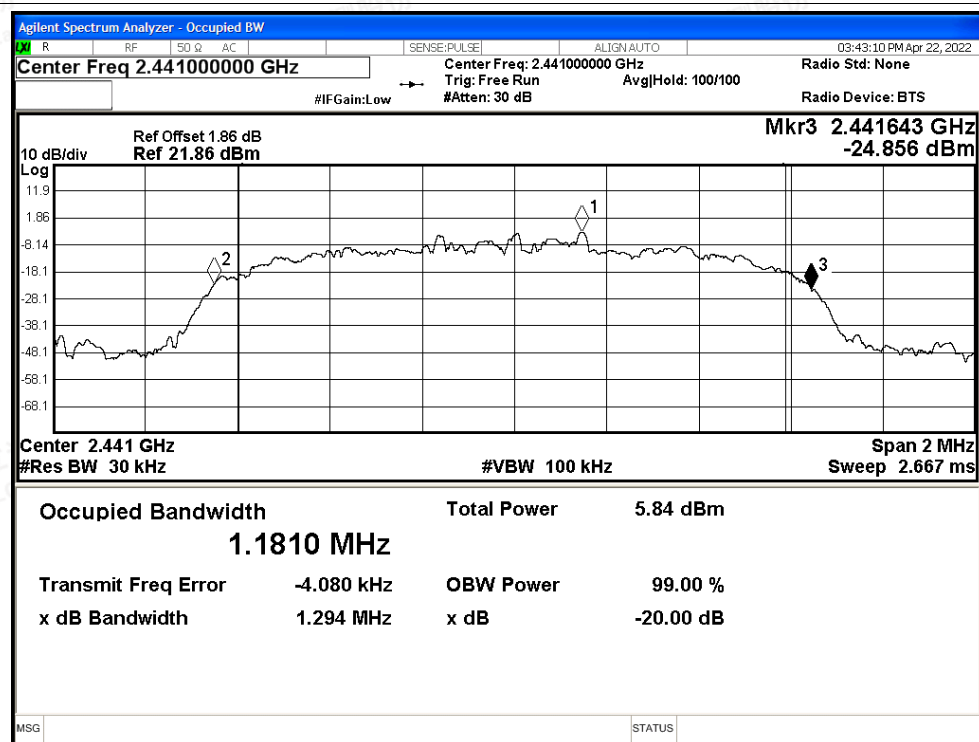


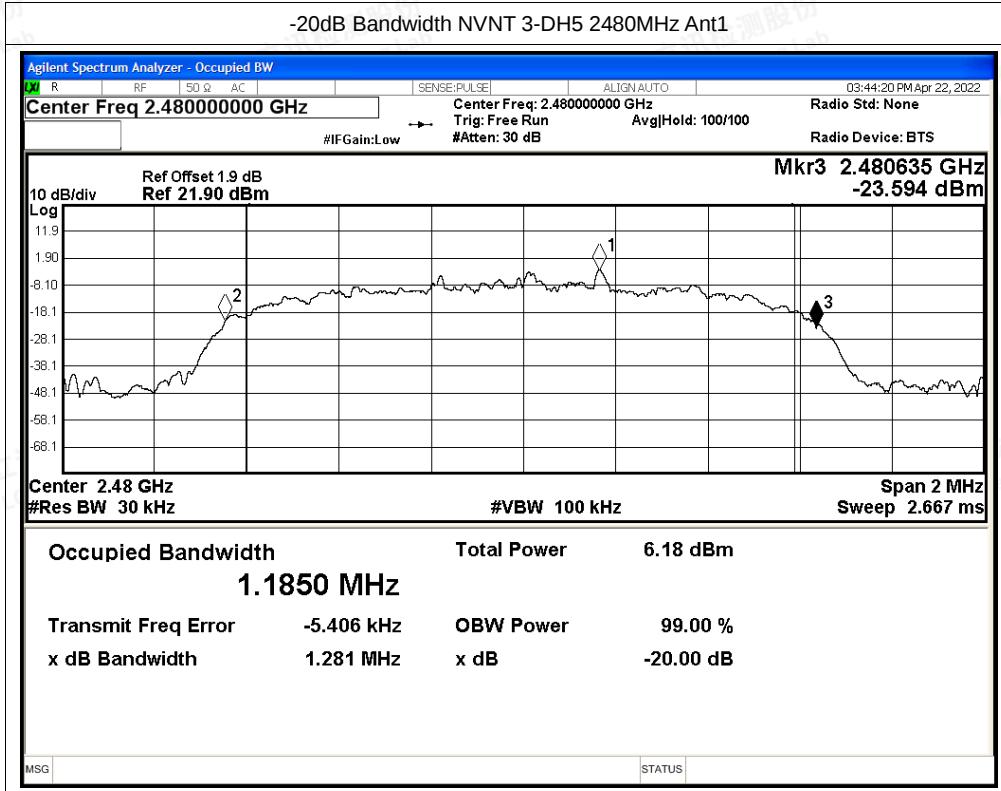


-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1







A.2 Maximum Peak Conducted Output Power

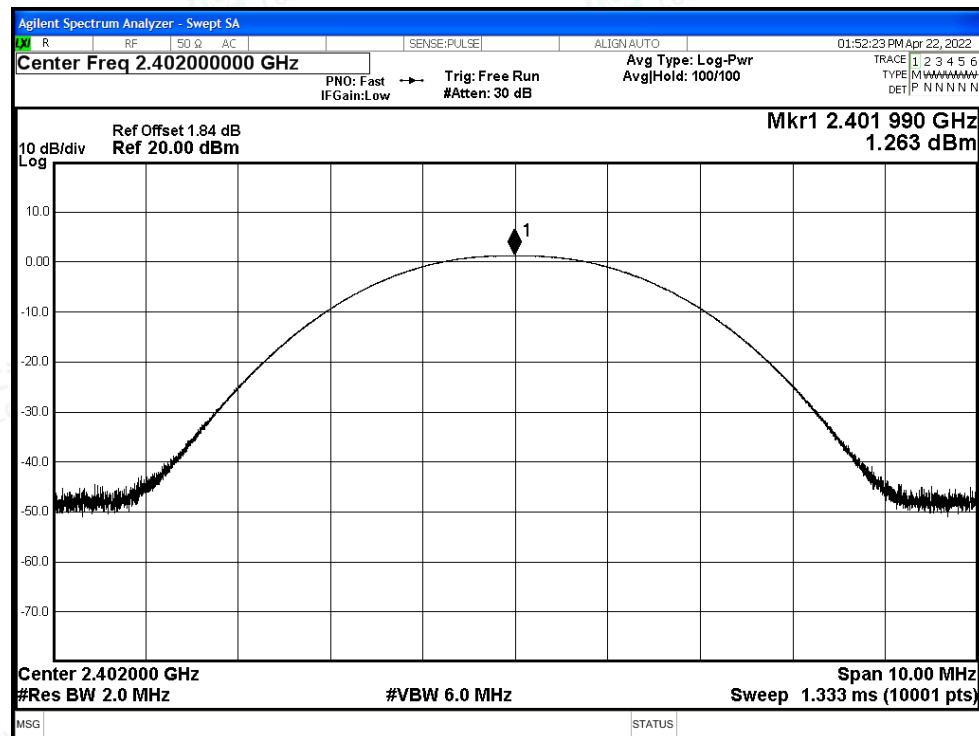
Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	1.26	21	Pass
NVNT	1-DH5	2441	Ant1	1.54	21	Pass
NVNT	1-DH5	2480	Ant1	1.52	21	Pass
NVNT	2-DH5	2402	Ant1	0.7	21	Pass
NVNT	2-DH5	2441	Ant1	1.22	21	Pass
NVNT	2-DH5	2480	Ant1	1.19	21	Pass
NVNT	3-DH5	2402	Ant1	1.13	21	Pass
NVNT	3-DH5	2441	Ant1	1.32	21	Pass
NVNT	3-DH5	2480	Ant1	1.65	21	Pass



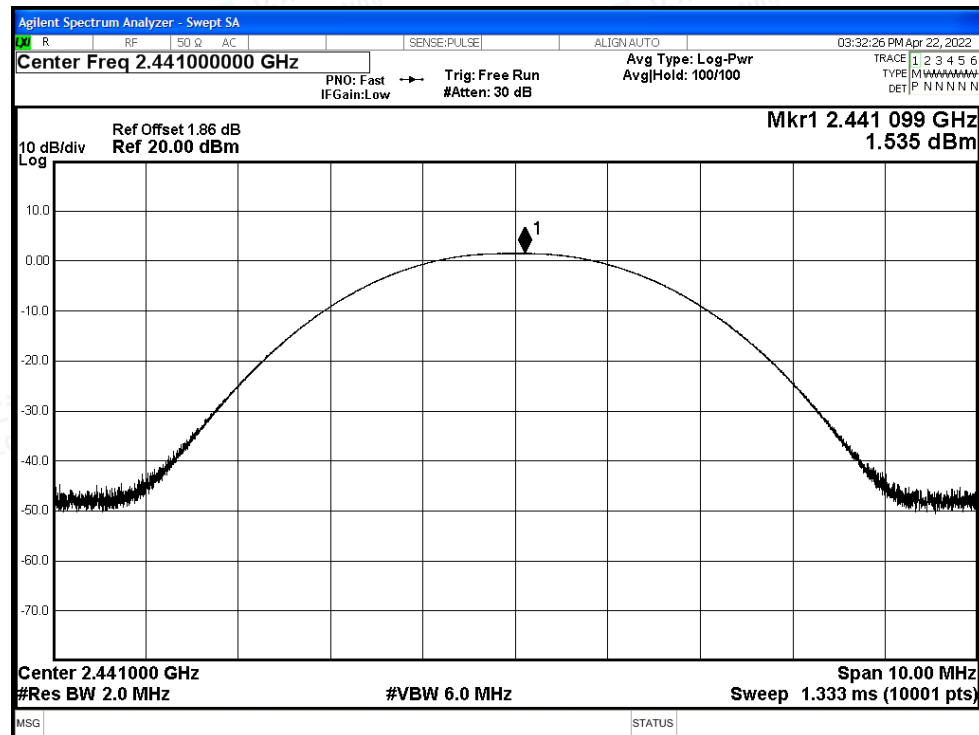


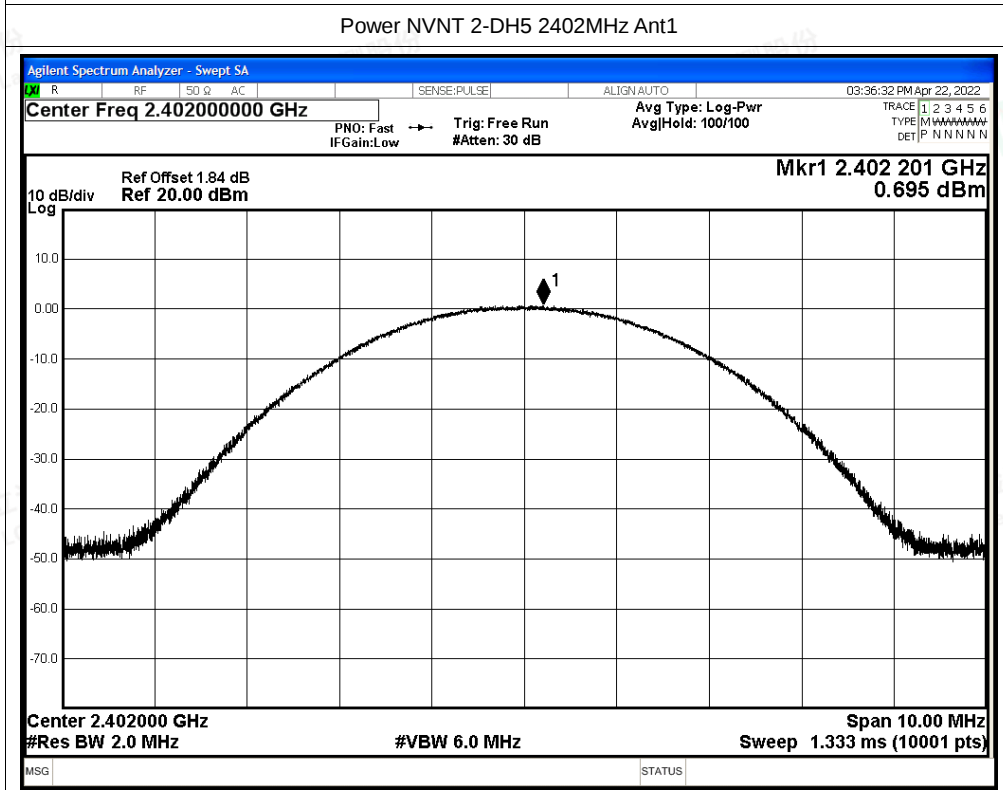
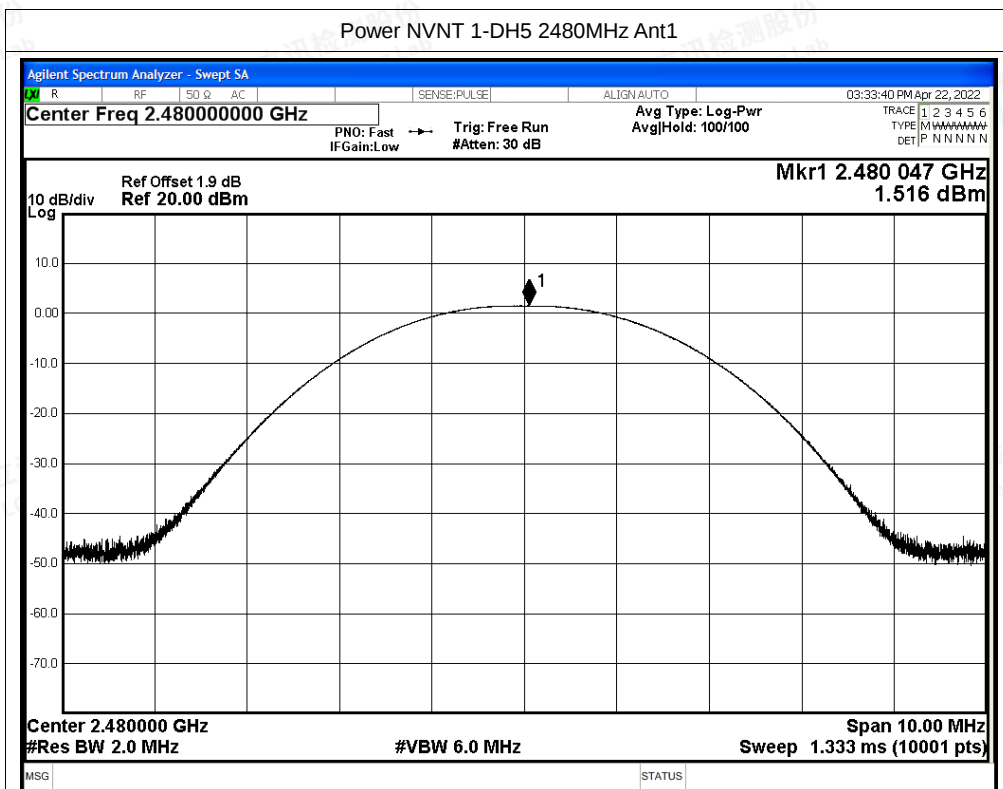
Test Graphs

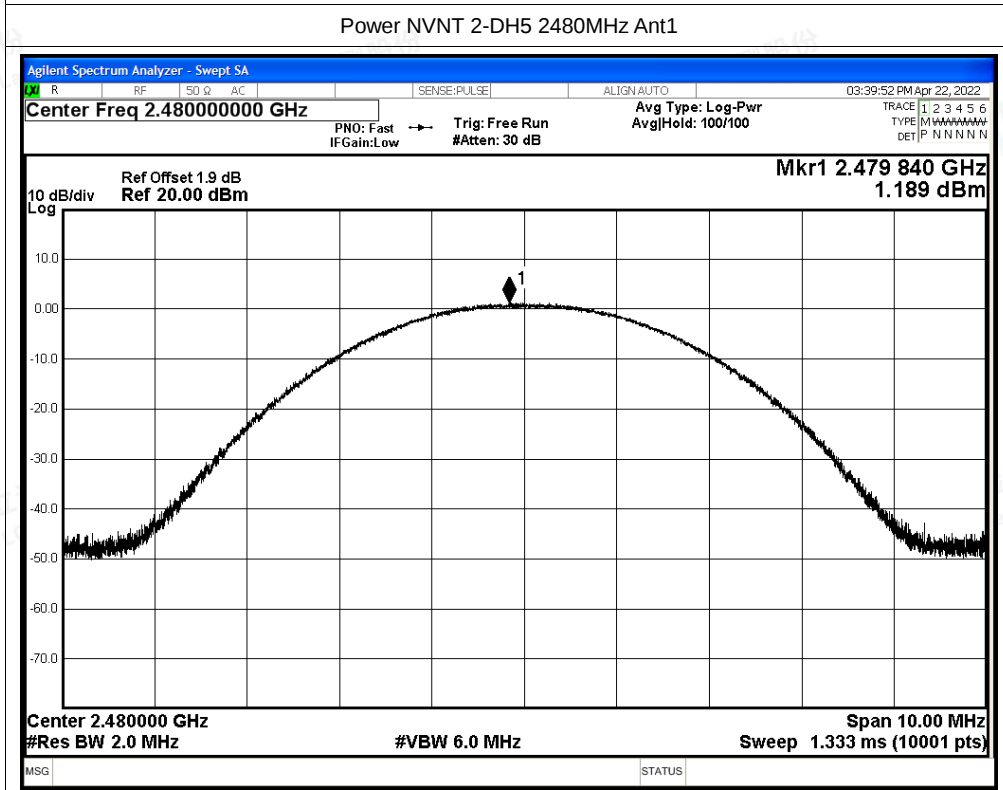
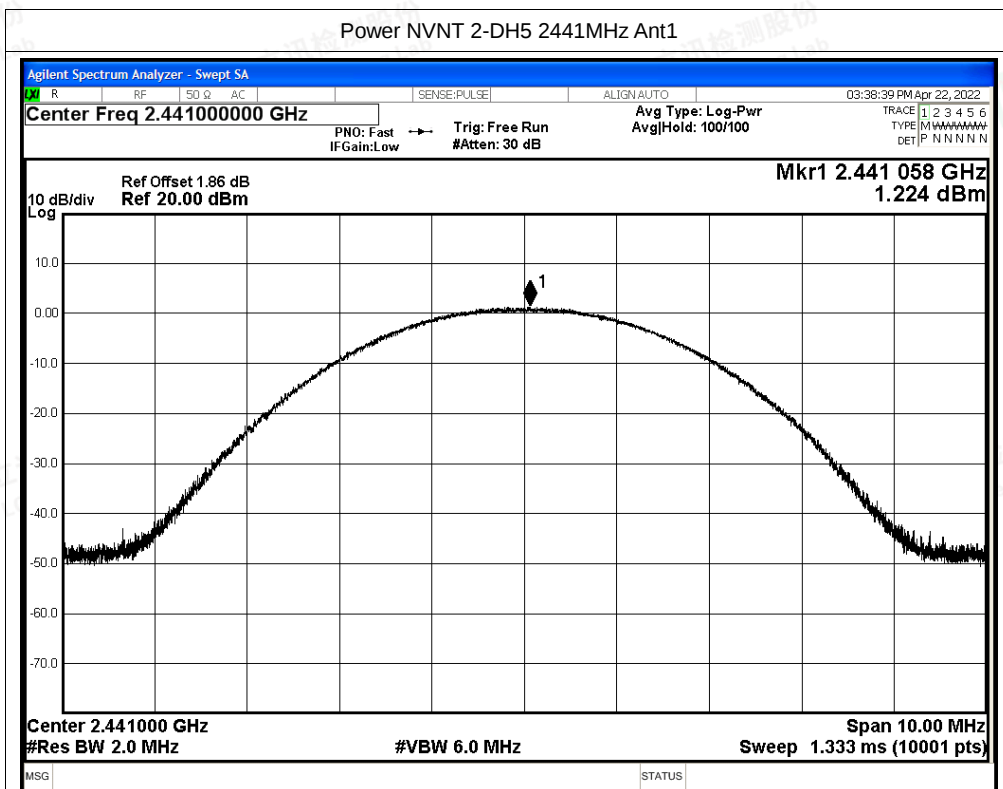
Power NVNT 1-DH5 2402MHz Ant1

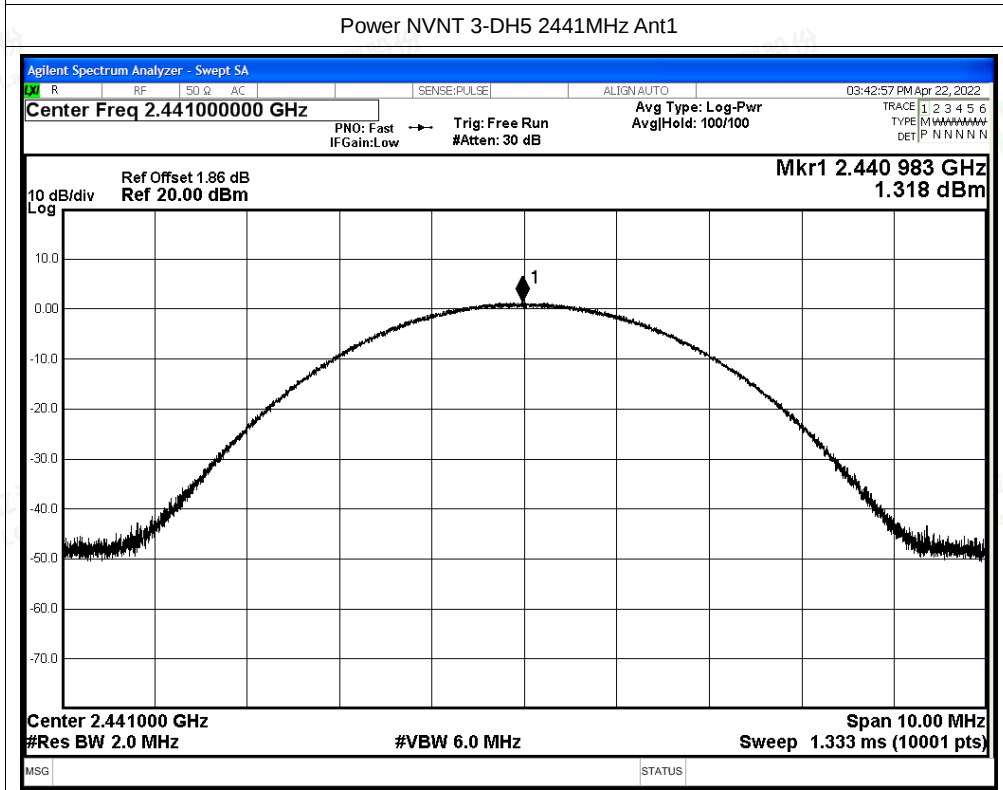
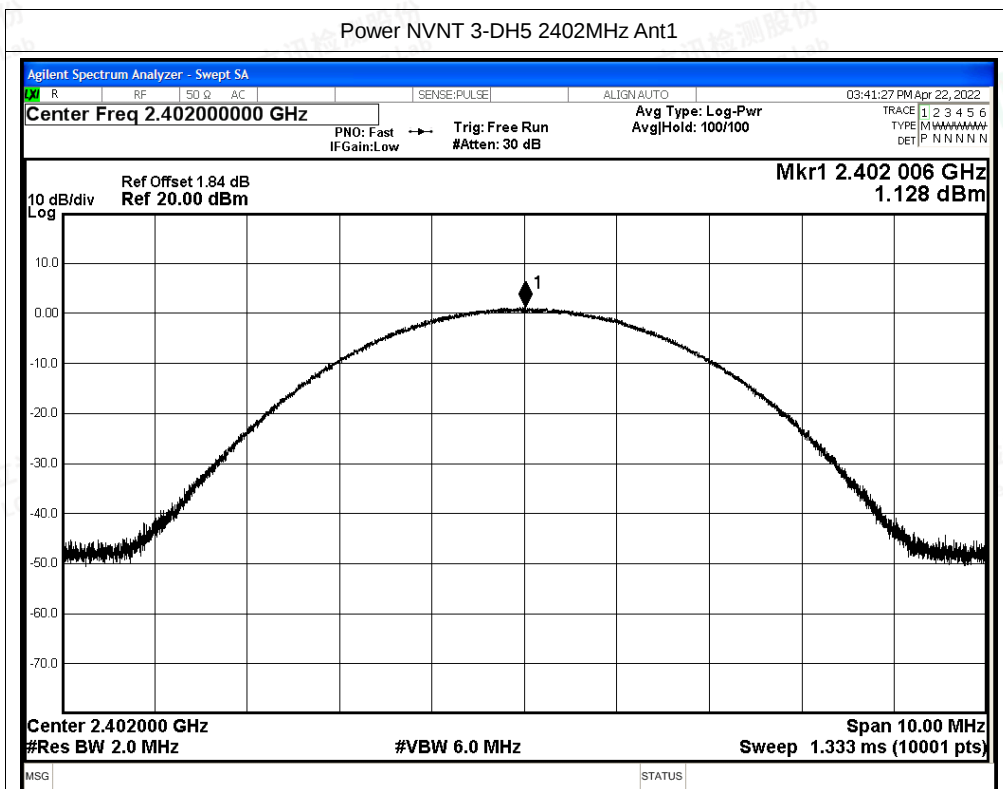


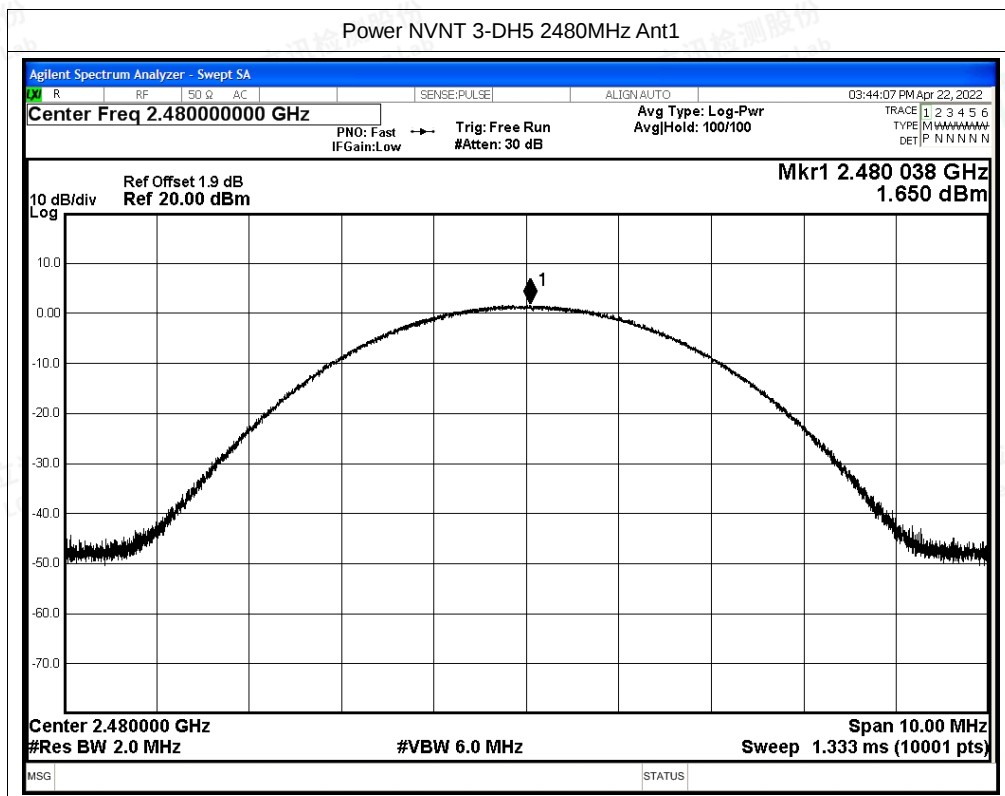
Power NVNT 1-DH5 2441MHz Ant1













A.3 Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.968	2403.156	1.188	0.678	Pass
NVNT	2-DH5	Ant1	2402.156	2403.162	1.006	0.853	Pass
NVNT	3-DH5	Ant1	2402.154	2403.156	1.002	0.852	Pass

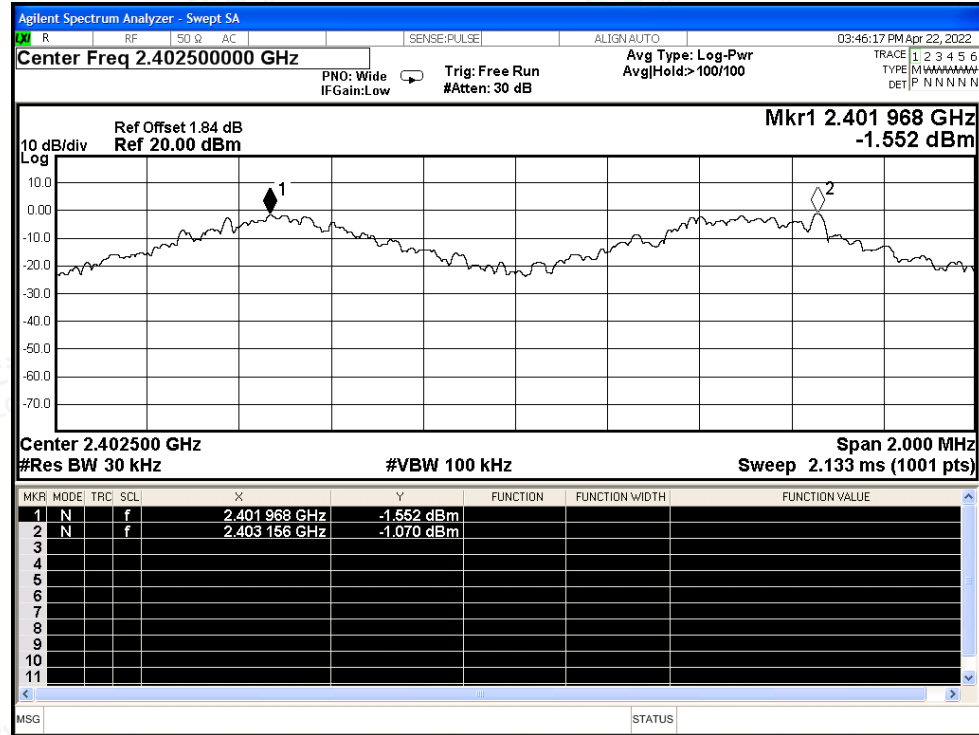


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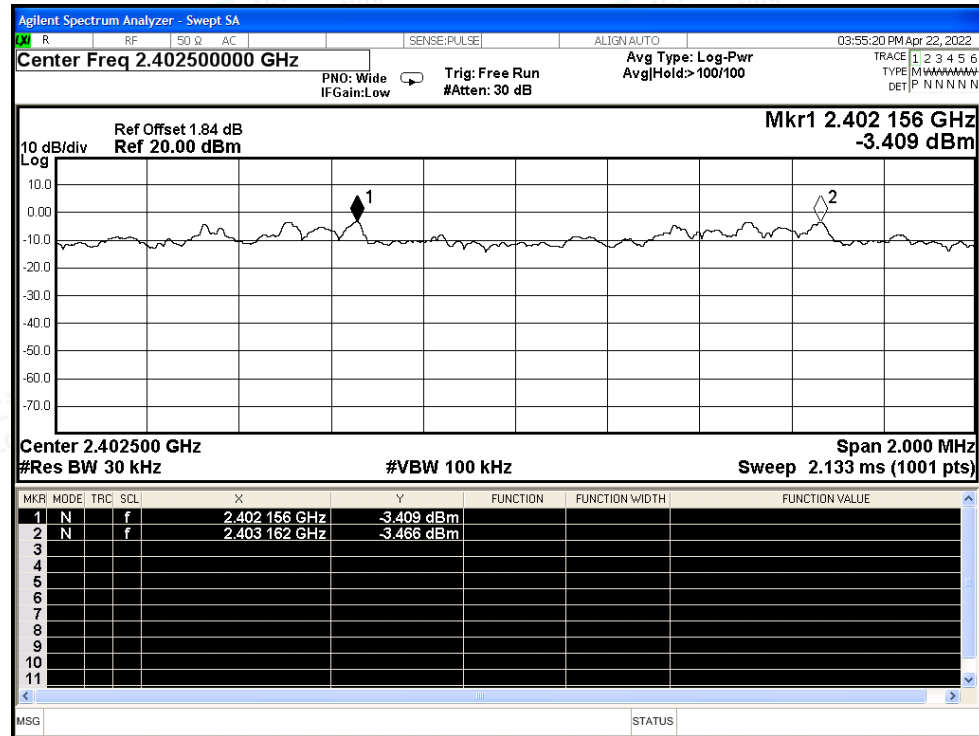


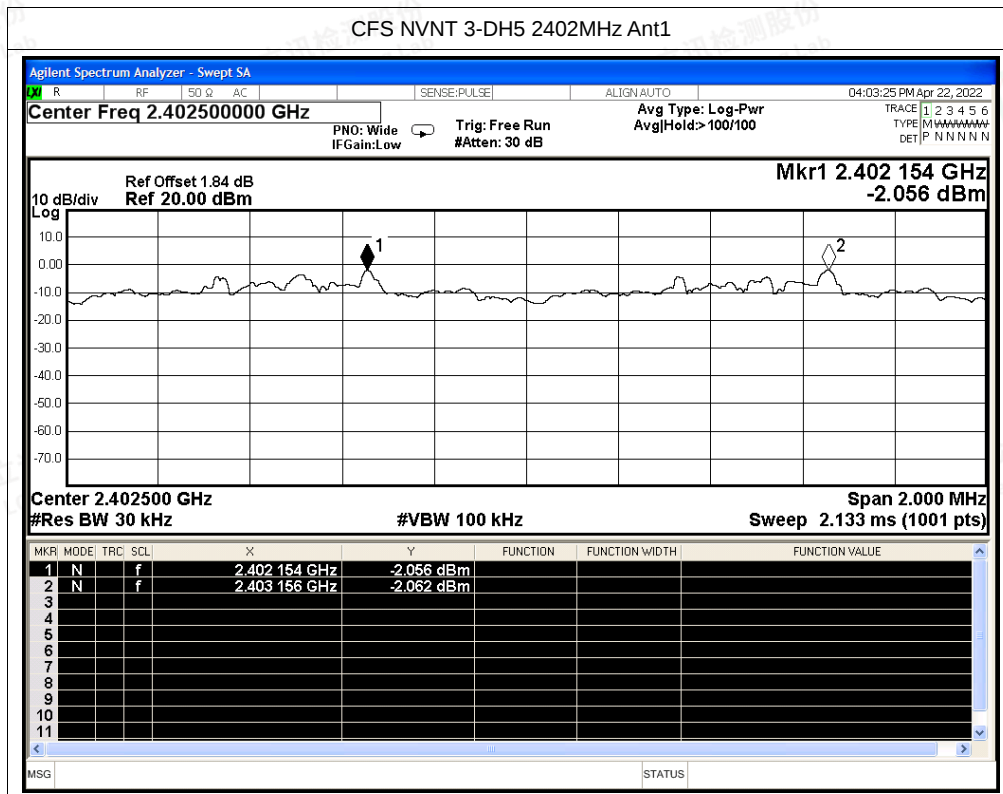
Test Graphs

CFS NVNT 1-DH5 2402MHz Ant1



CFS NVNT 2-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	2.881	296.743	103	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.882	285.318	99	31600	400	Pass
NVNT	1-DH5	2480	Ant1	2.882	317.02	110	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.88	311.04	108	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.88	296.64	103	31600	400	Pass
NVNT	2-DH5	2480	Ant1	2.885	250.995	87	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.886	294.372	102	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.886	311.688	108	31600	400	Pass
NVNT	3-DH5	2480	Ant1	2.884	323.008	112	31600	400	Pass

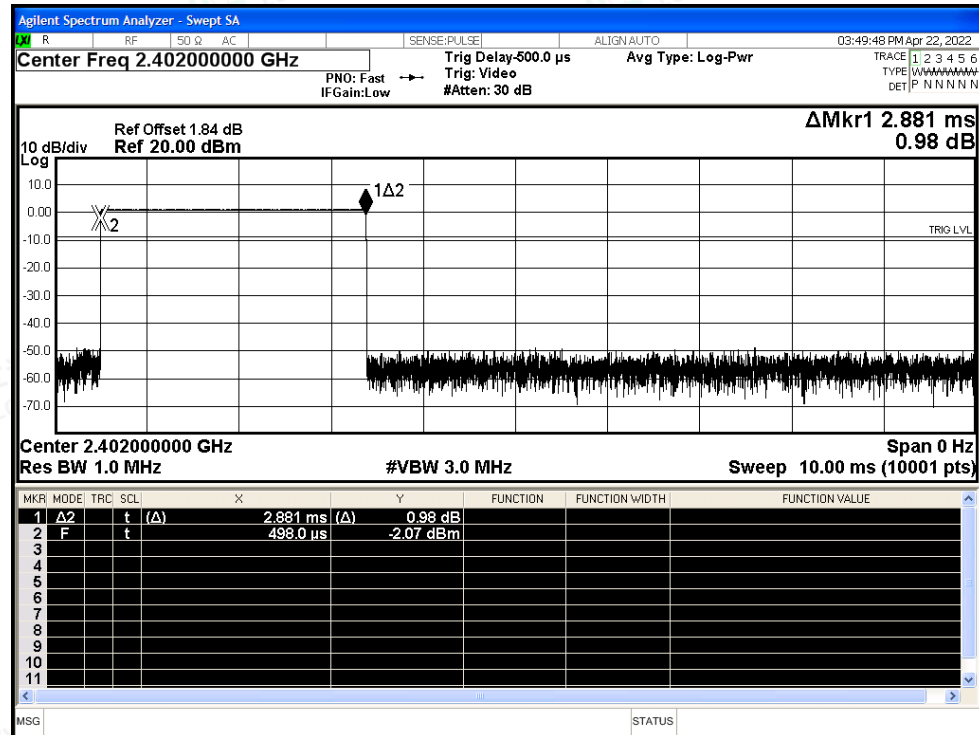


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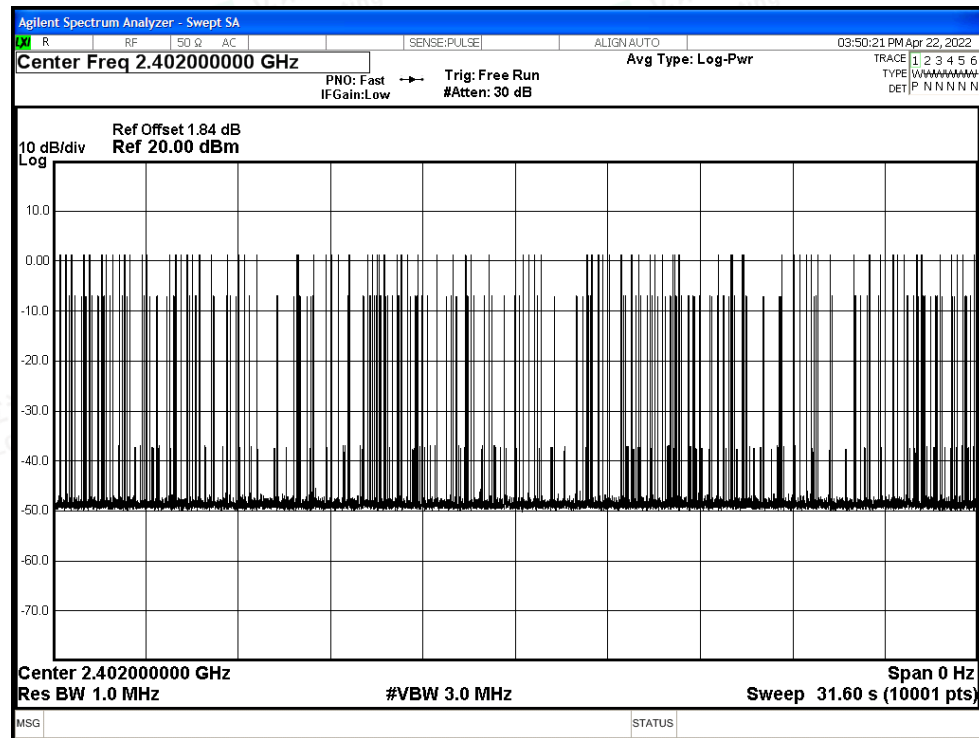


Test Graphs

Dwell NVNT 1-DH5 2402MHz Ant1 One Burst

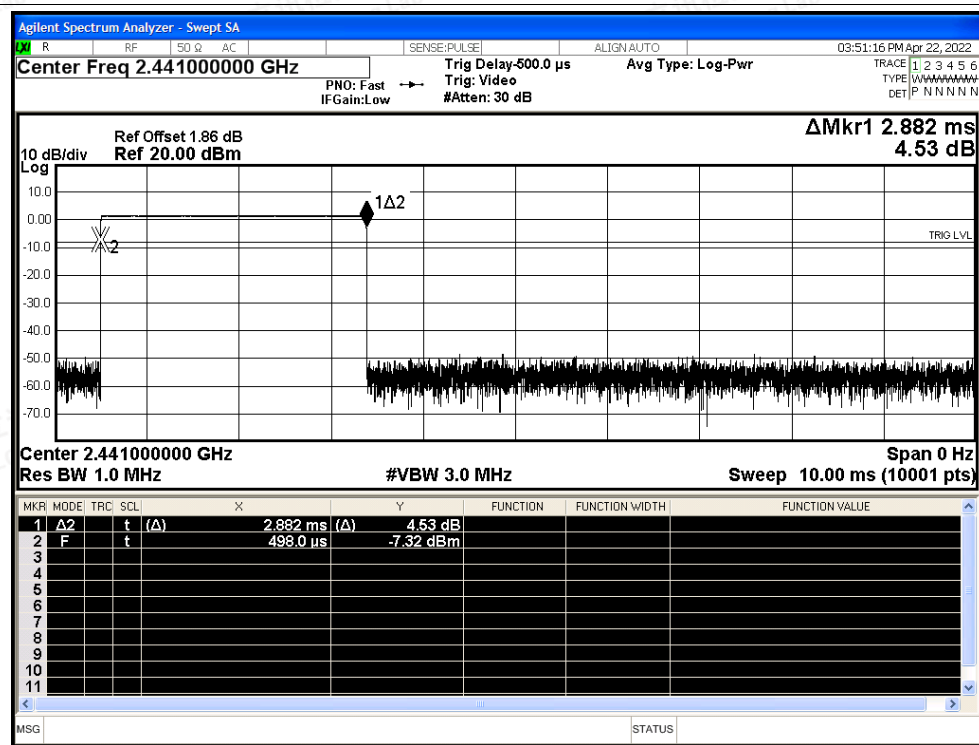


Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated

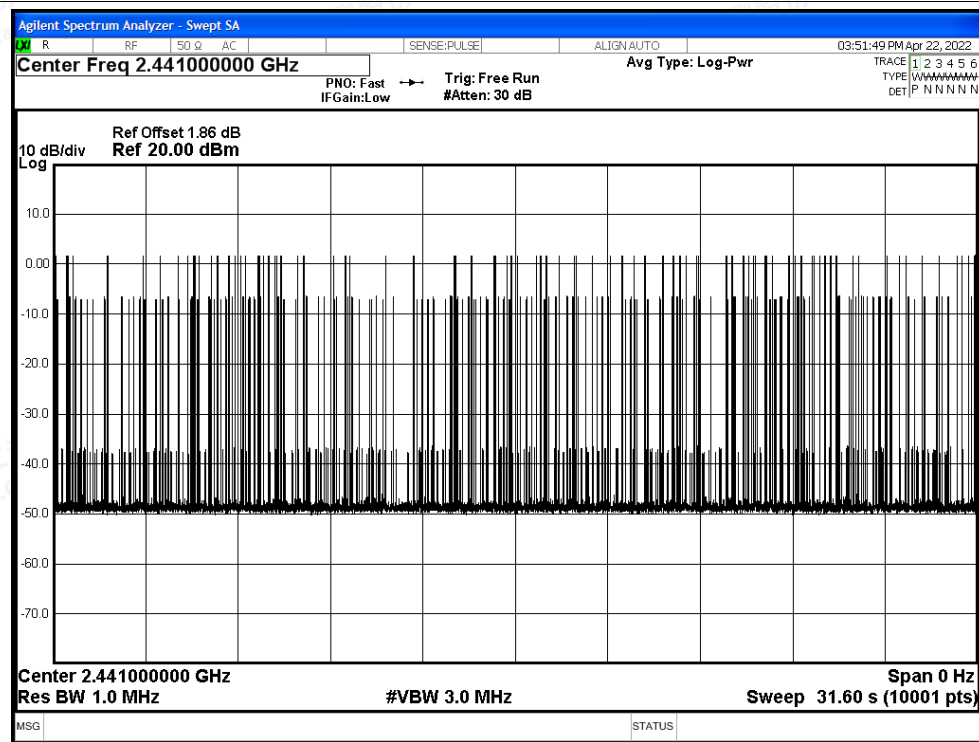




Dwell NVNT 1-DH5 2441MHz Ant1 One Burst

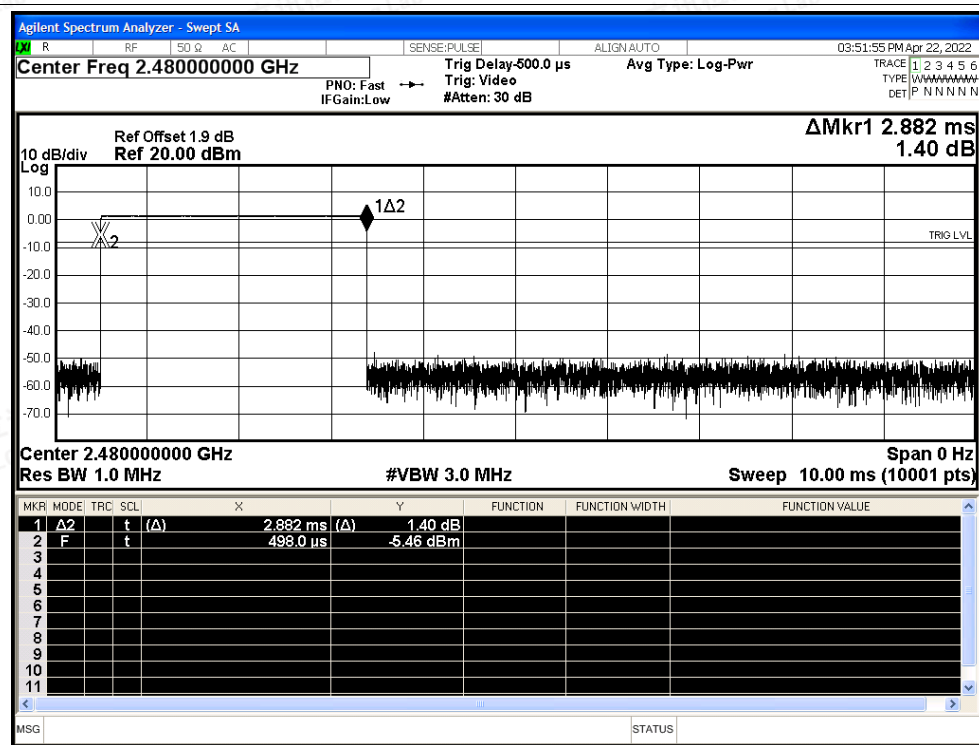


Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated

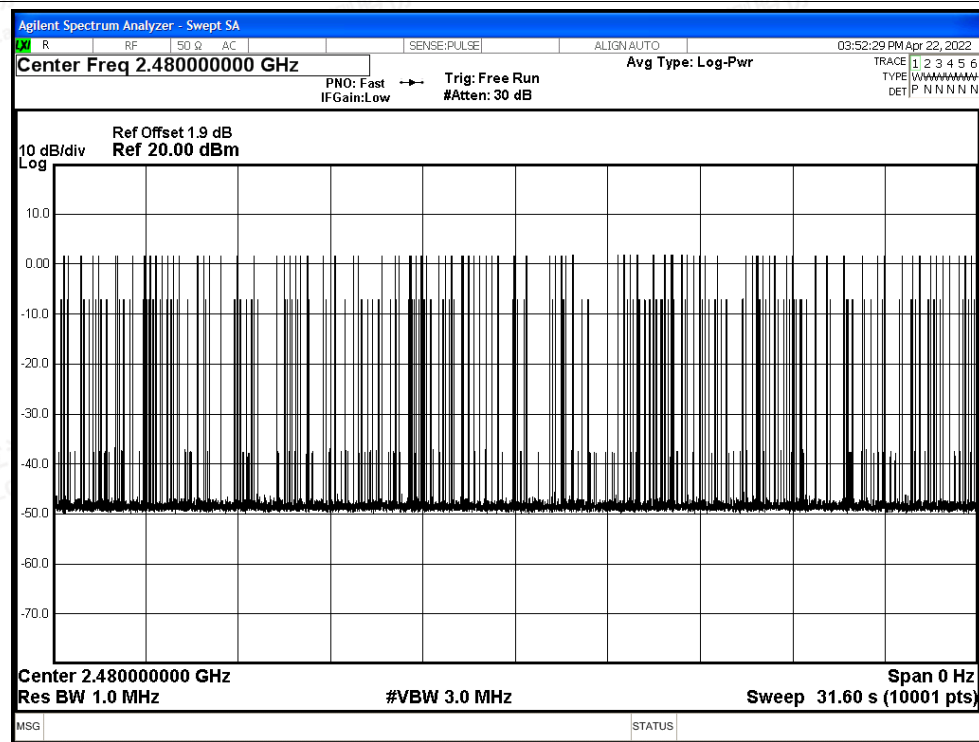




Dwell NVNT 1-DH5 2480MHz Ant1 One Burst

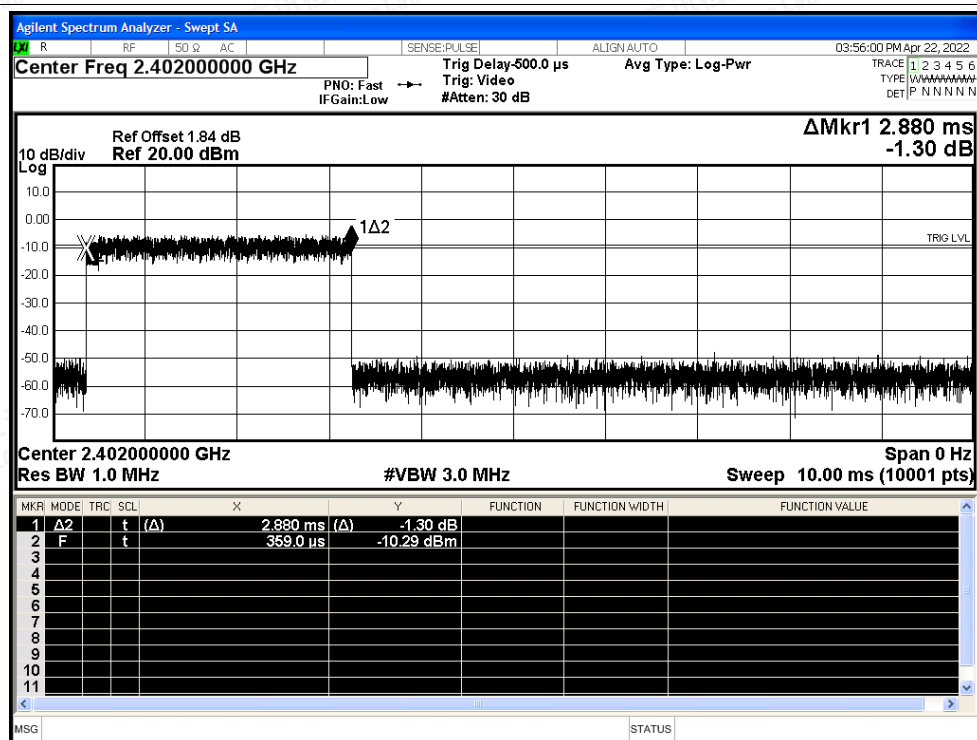


Dwell NVNT 1-DH5 2480MHz Ant1 Accumulated

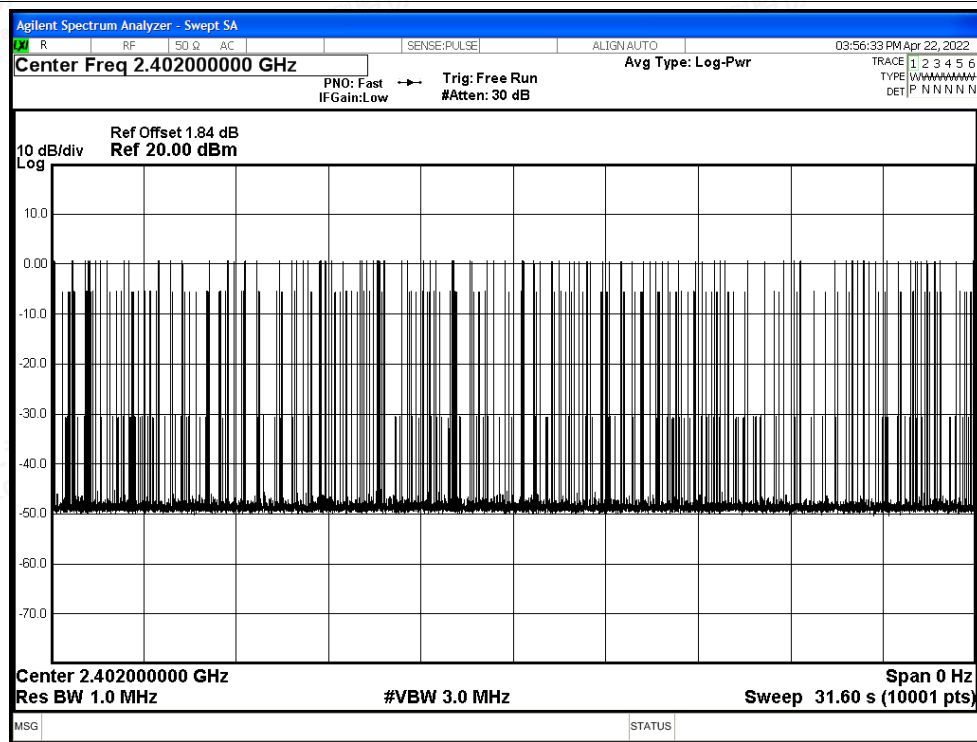




Dwell NVNT 2-DH5 2402MHz Ant1 One Burst

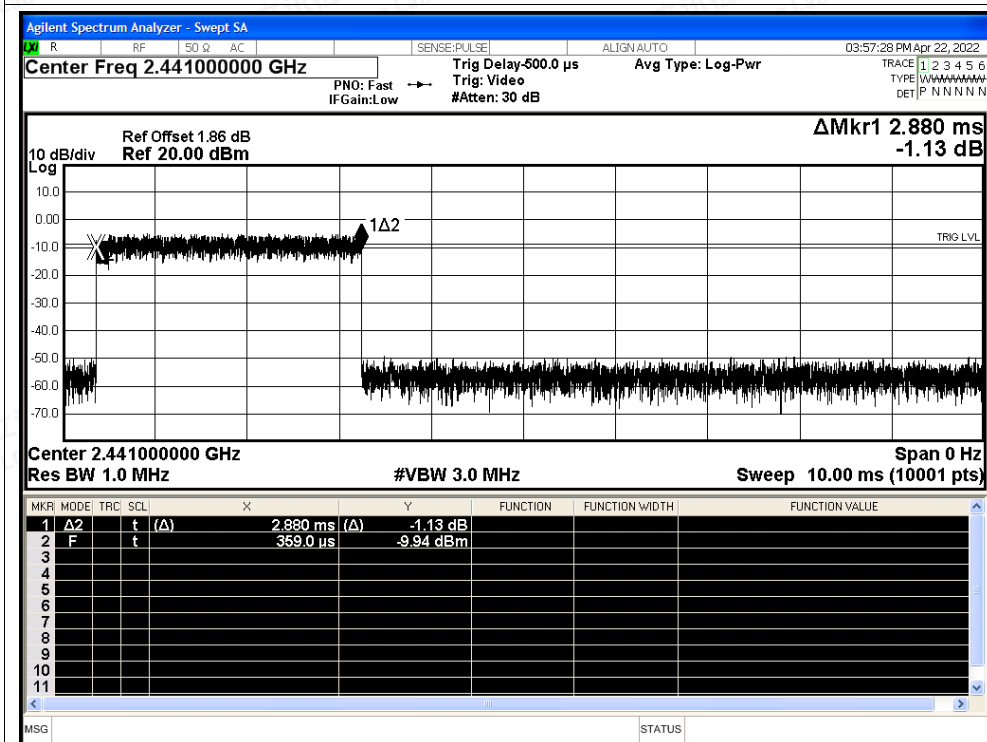


Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated

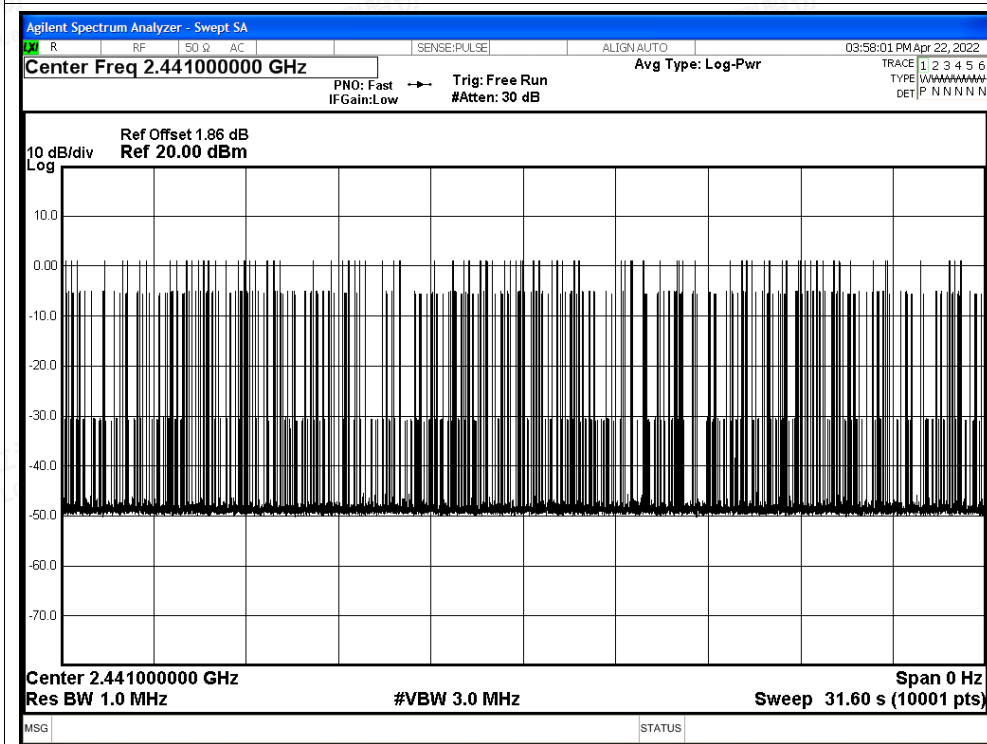




Dwell NVNT 2-DH5 2441MHz Ant1 One Burst

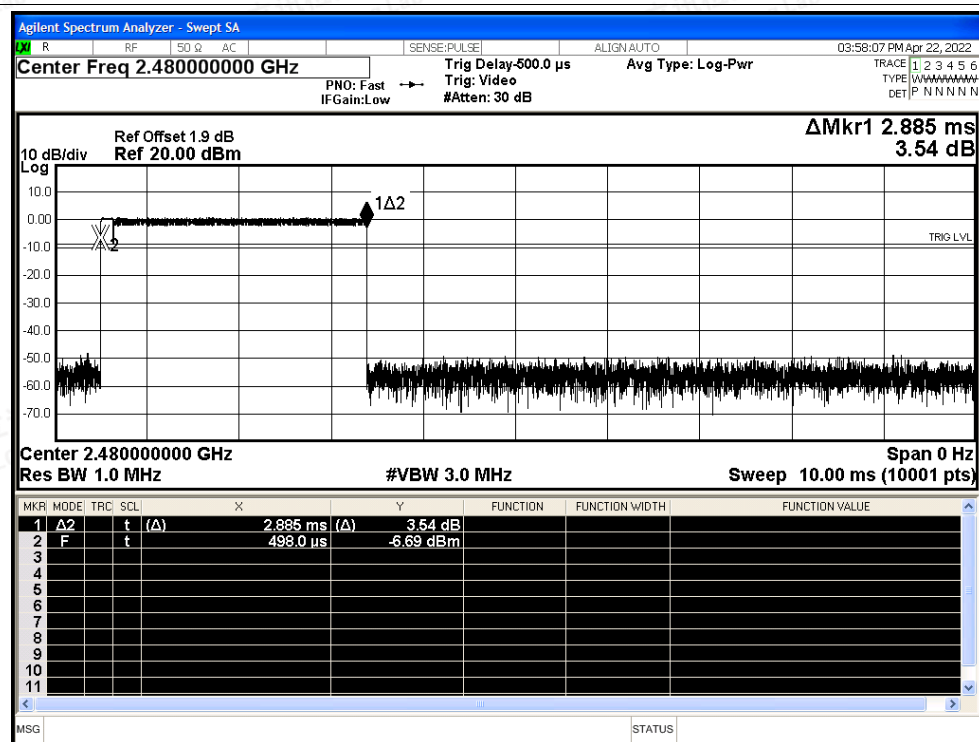


Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated

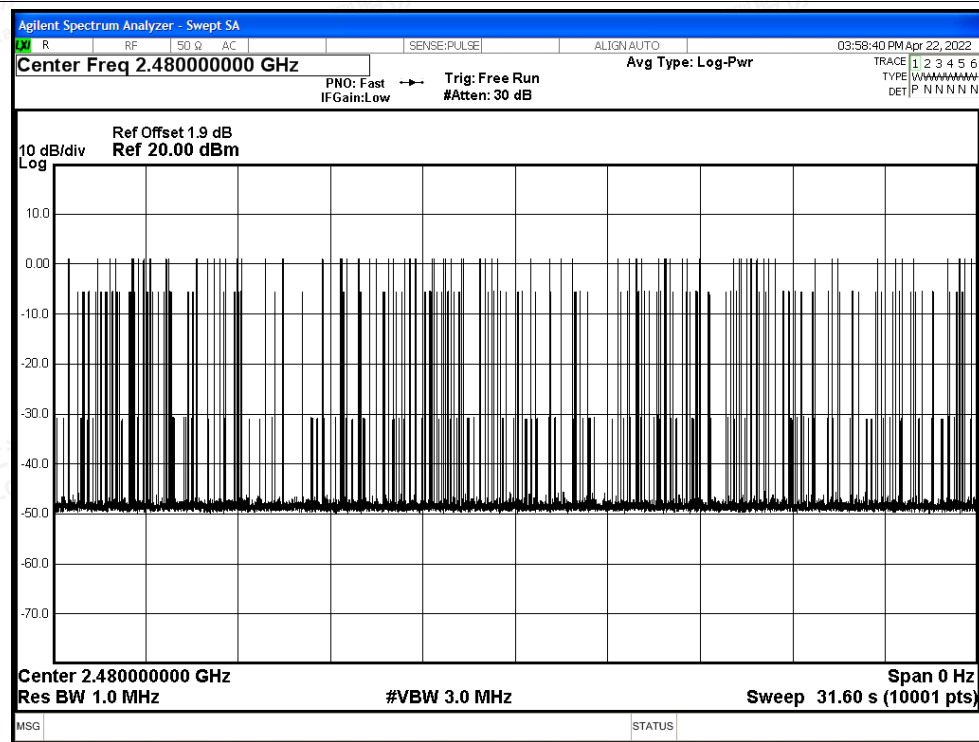




Dwell NVNT 2-DH5 2480MHz Ant1 One Burst

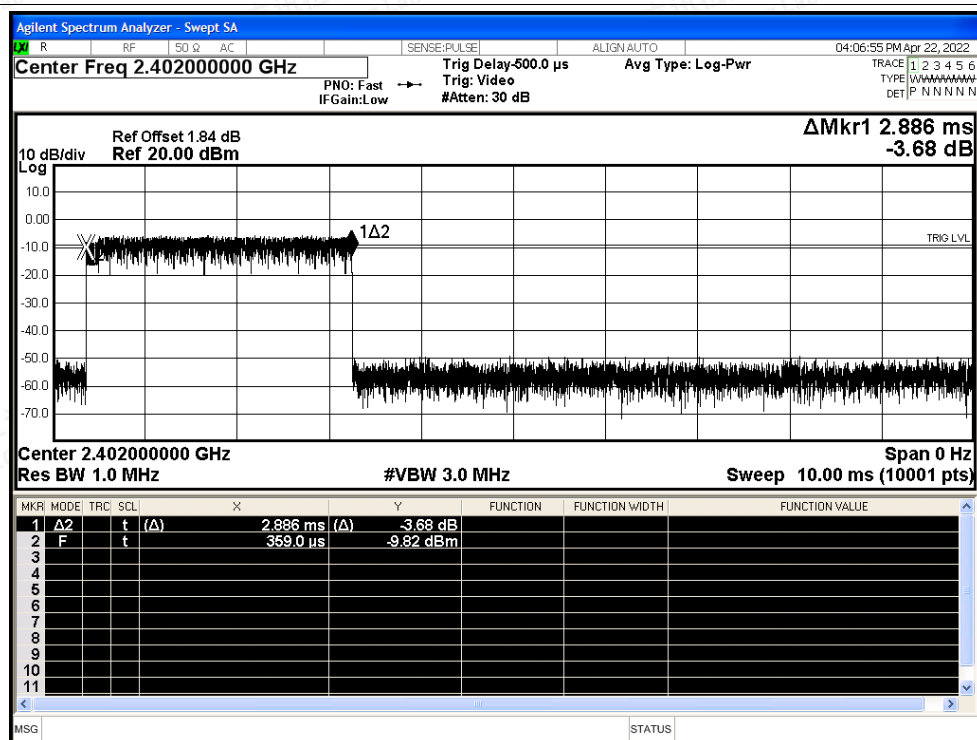


Dwell NVNT 2-DH5 2480MHz Ant1 Accumulated

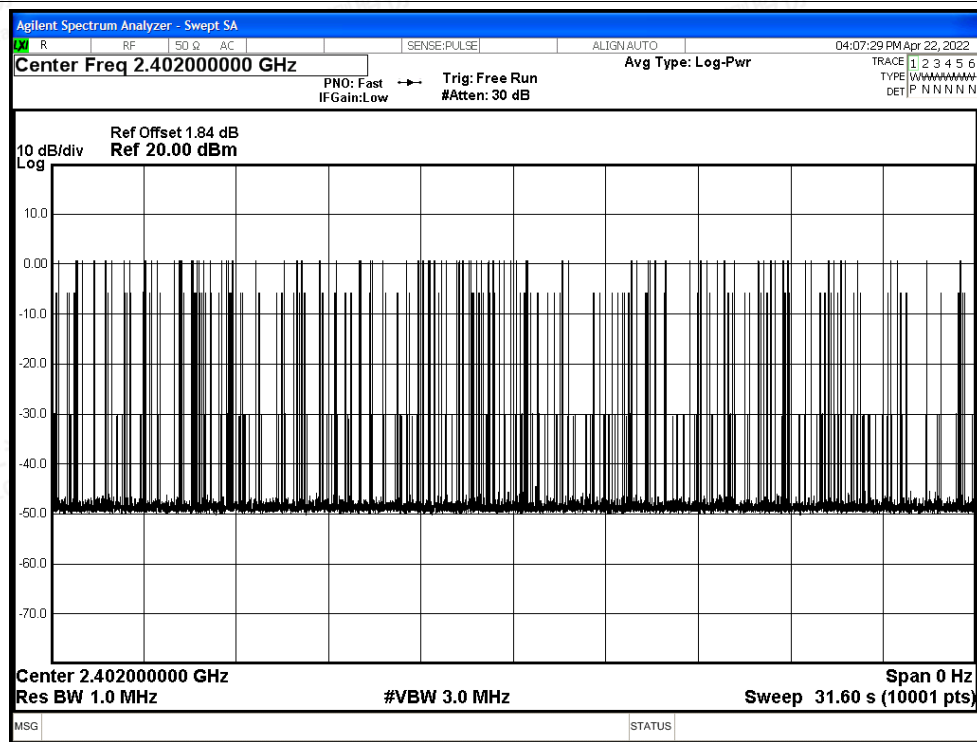




Dwell NVNT 3-DH5 2402MHz Ant1 One Burst

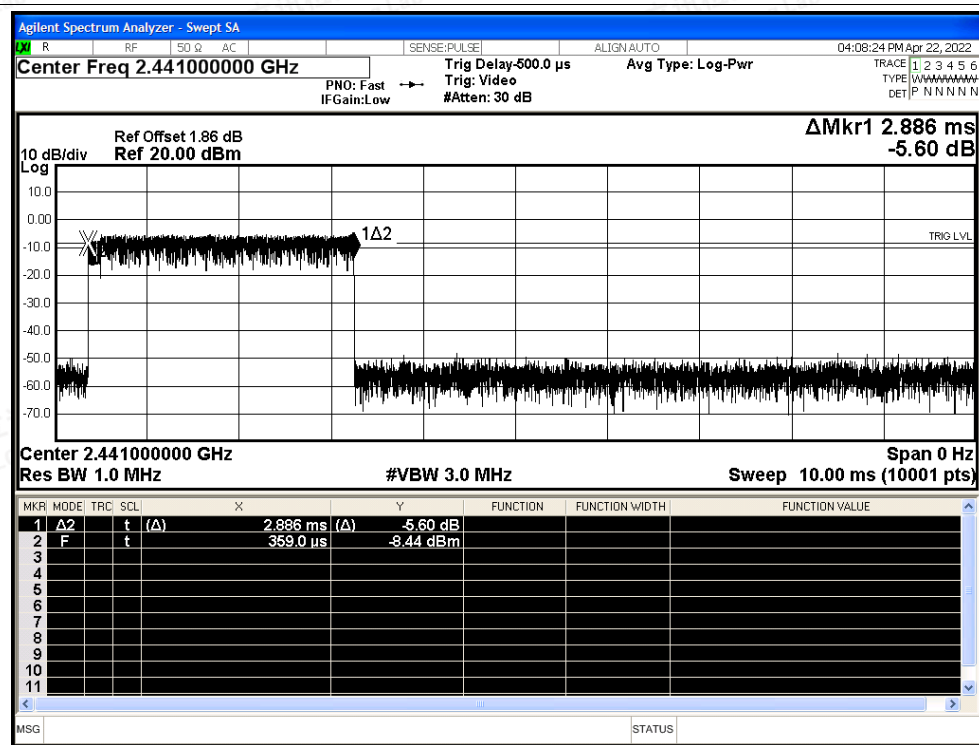


Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated

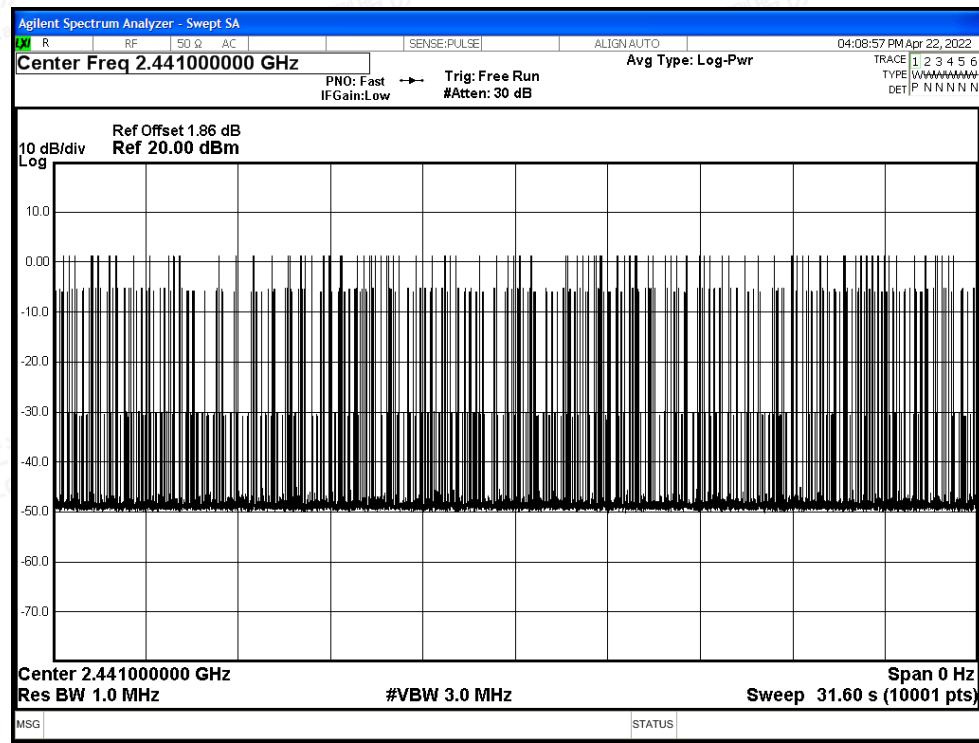




Dwell NVNT 3-DH5 2441MHz Ant1 One Burst

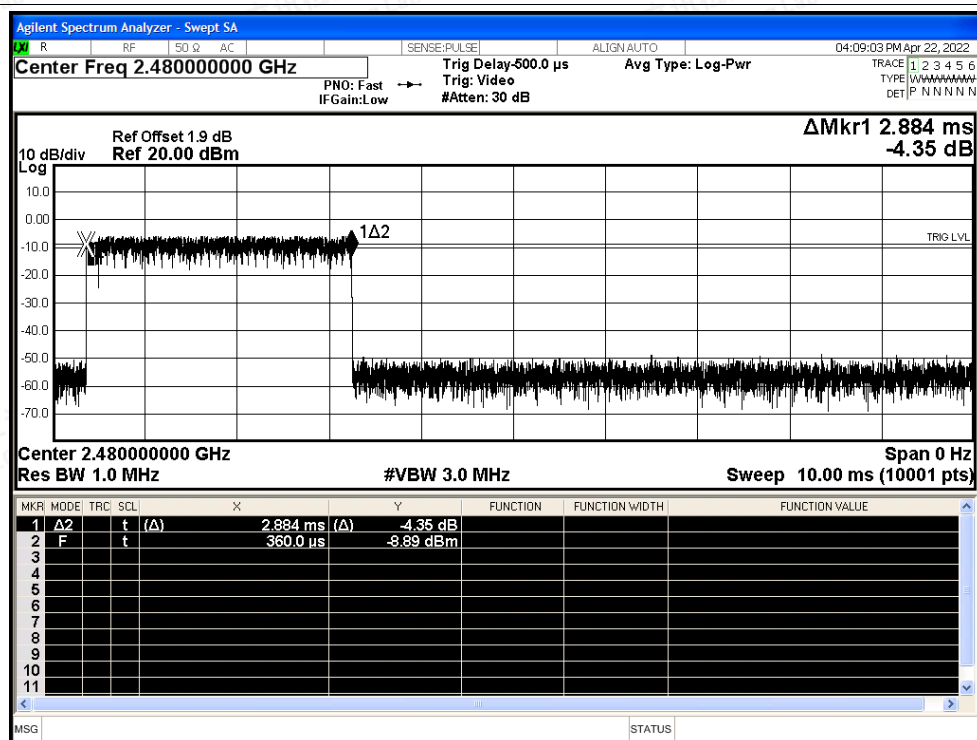


Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated

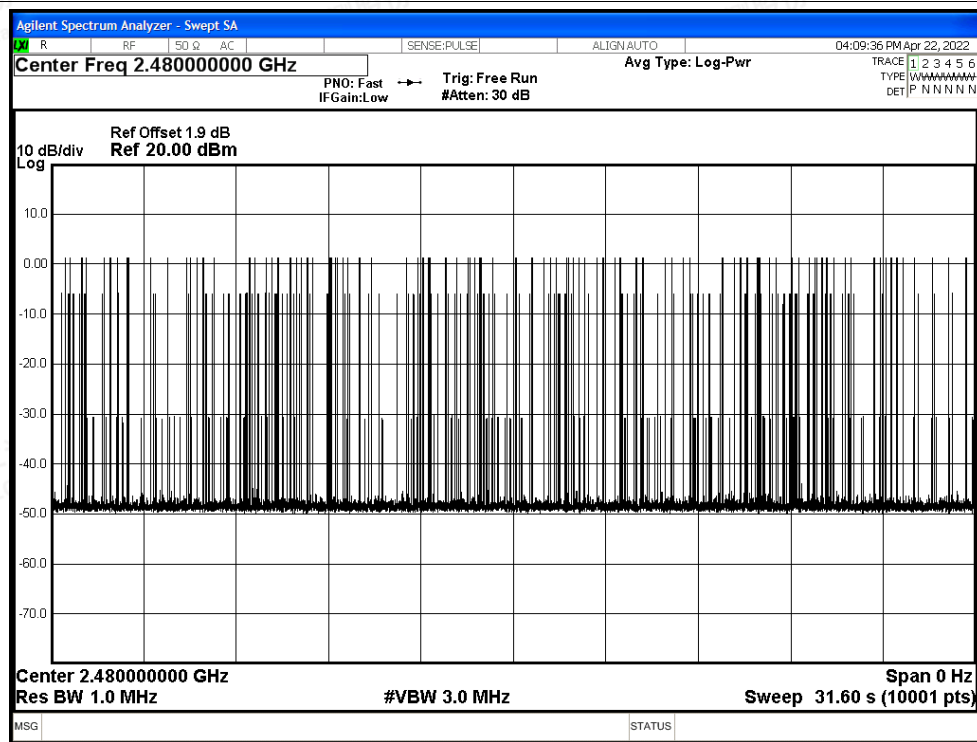




Dwell NVNT 3-DH5 2480MHz Ant1 One Burst



Dwell NVNT 3-DH5 2480MHz 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

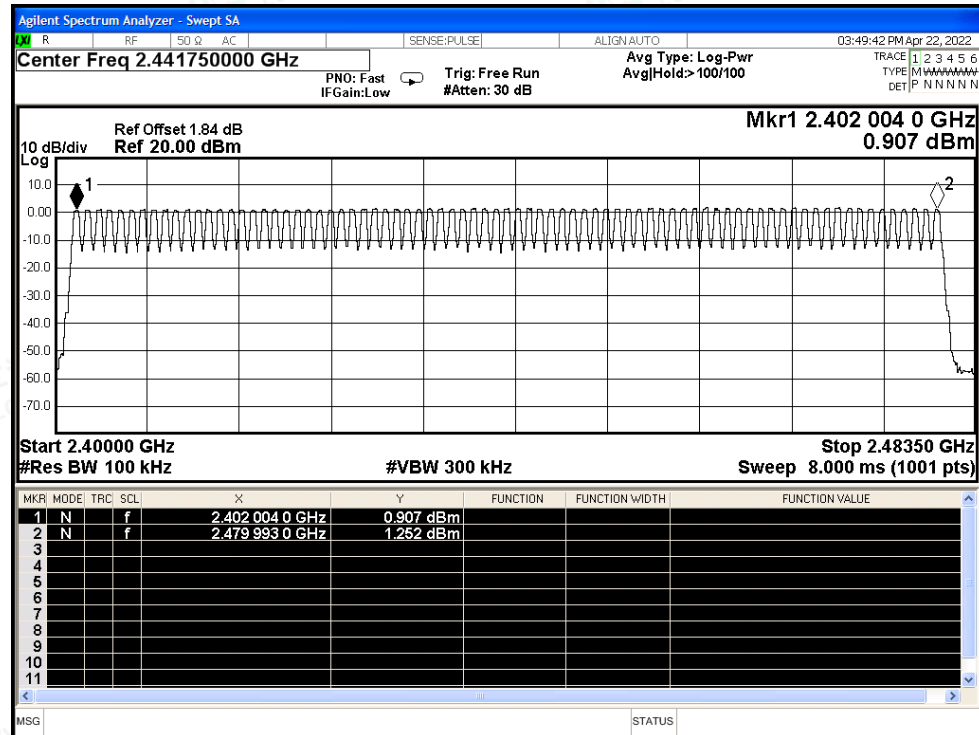


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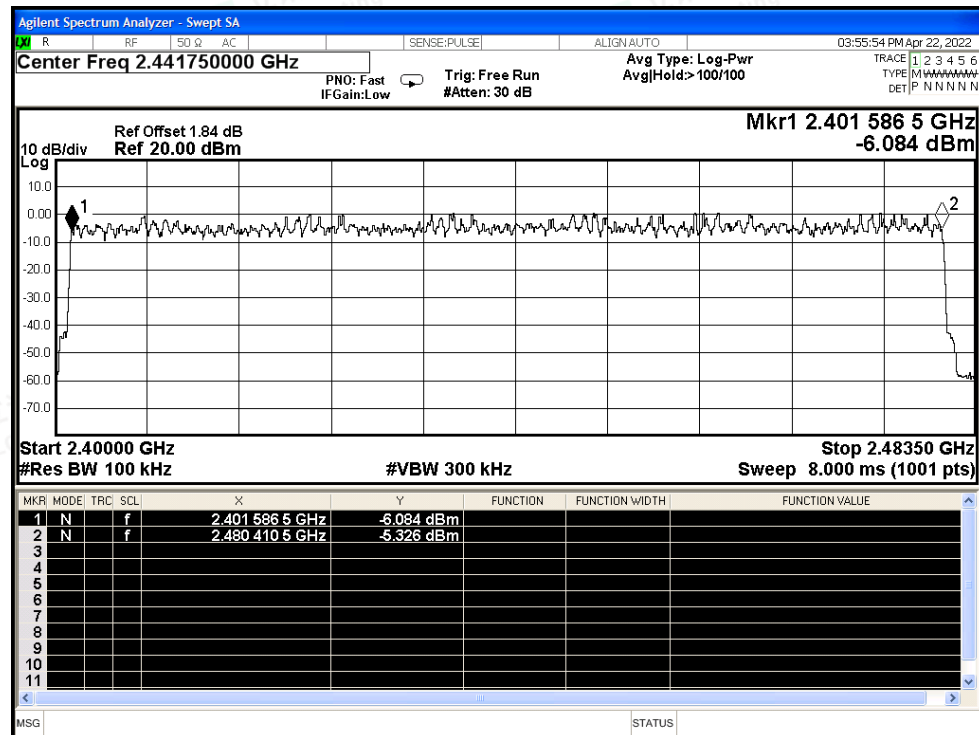


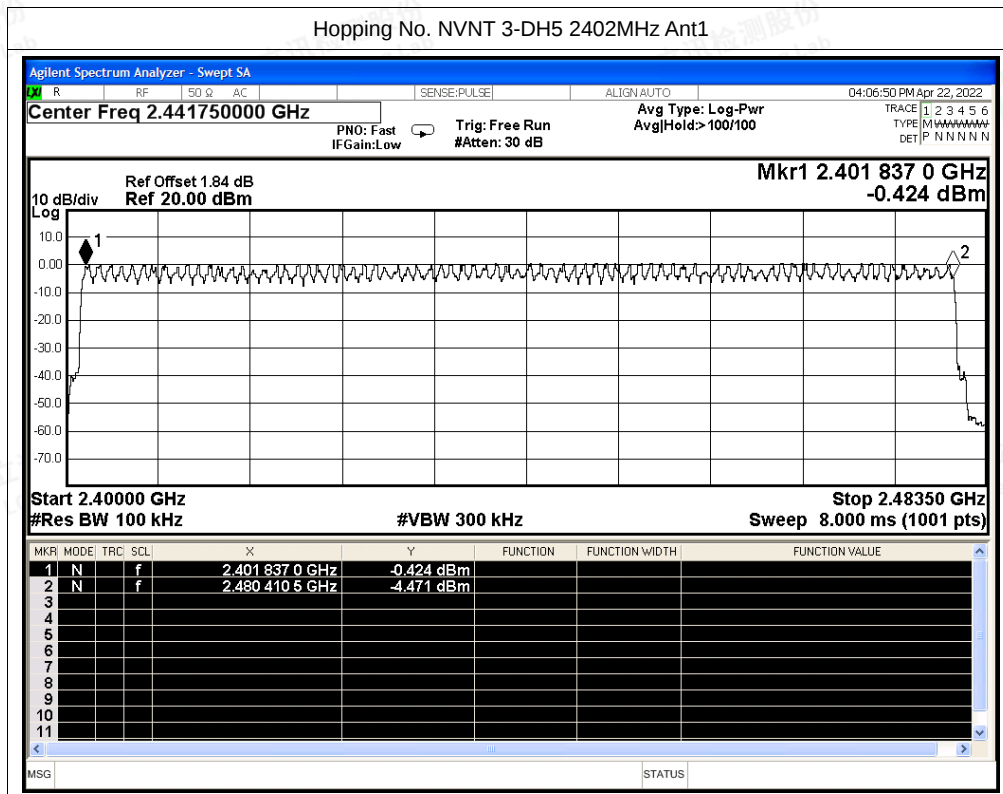
Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1







A.6 Band Edge

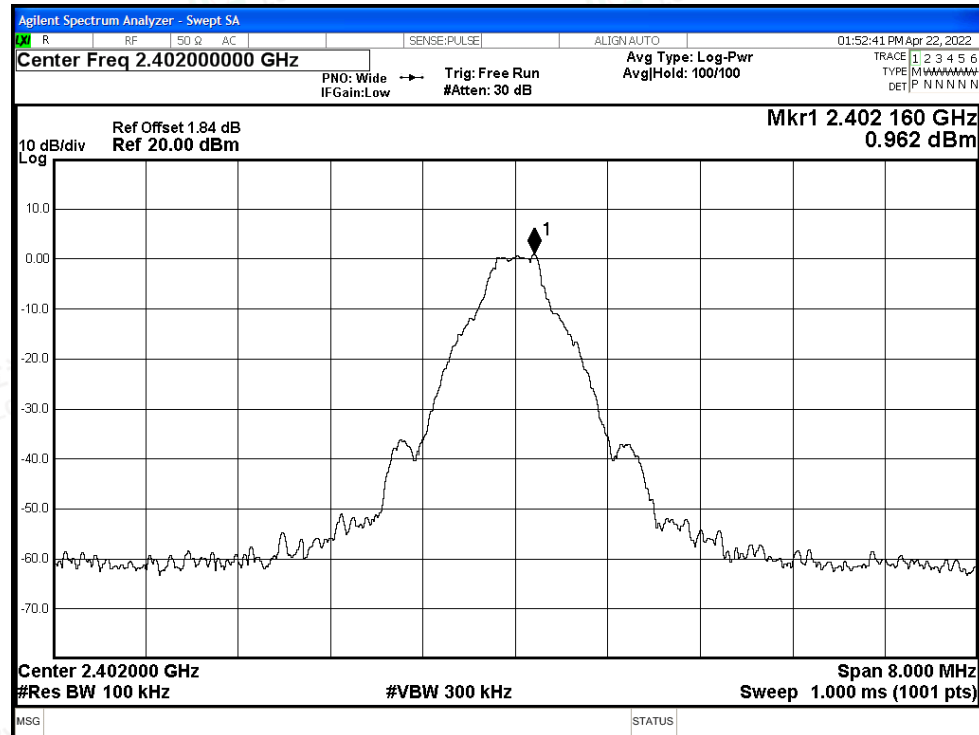
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-57.21	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-58.56	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-56.08	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-57.08	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-54.05	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-55.98	-20	Pass



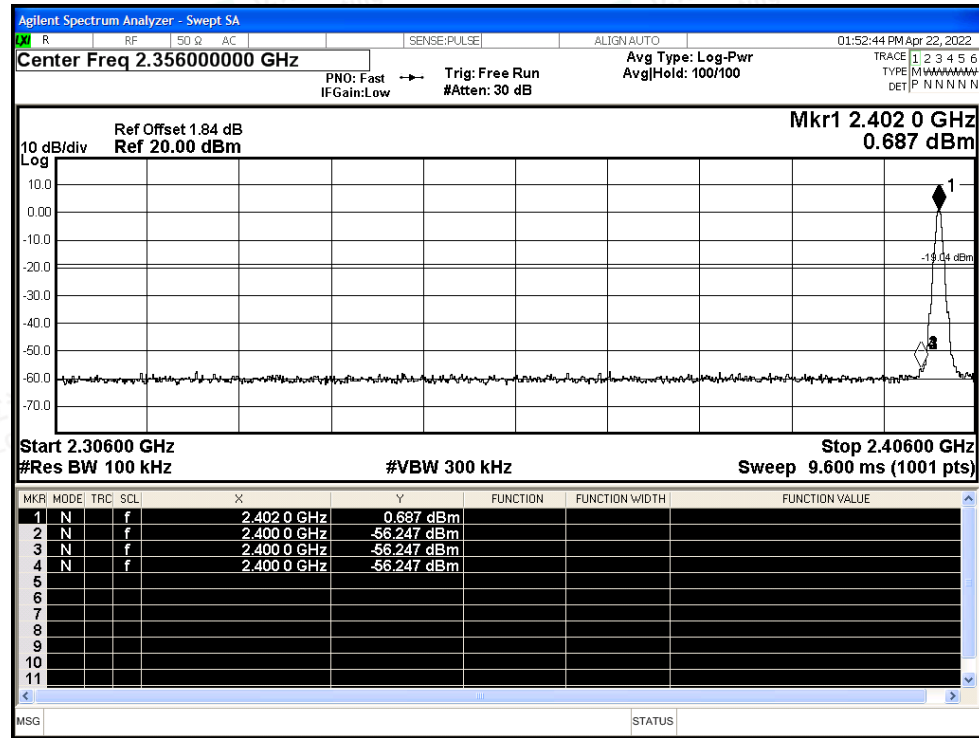


Test Graphs

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

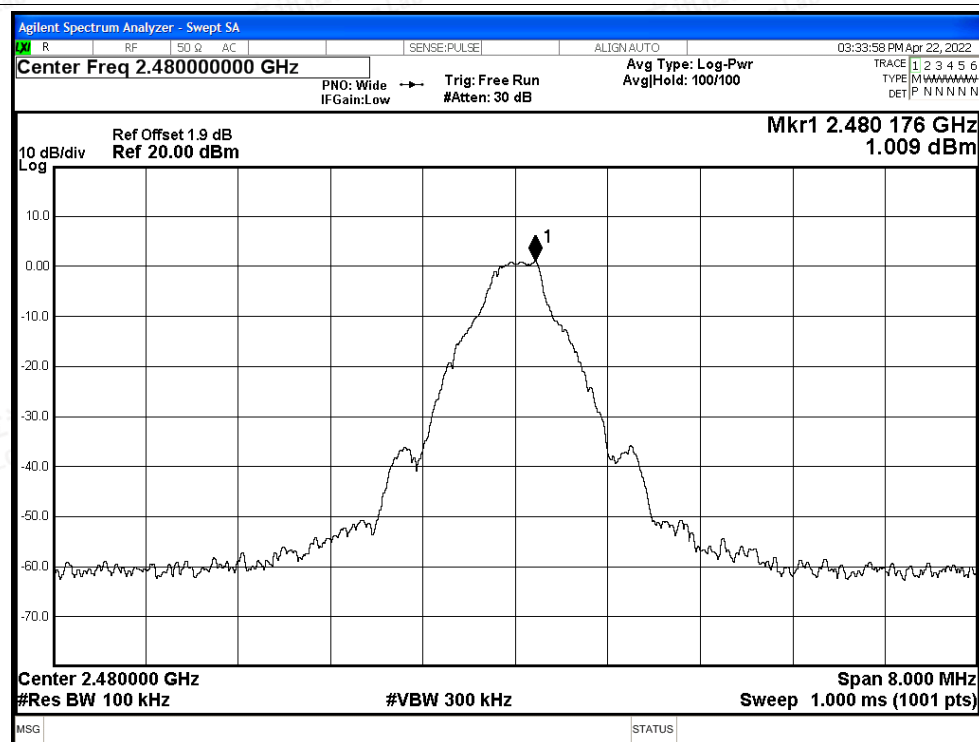


Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission

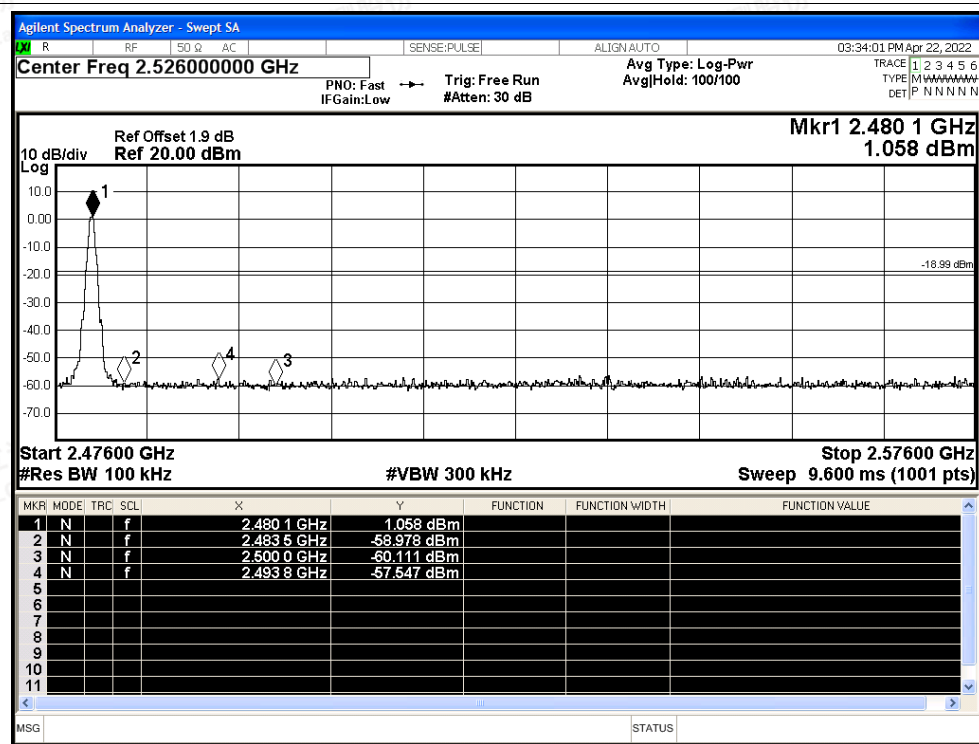




Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref

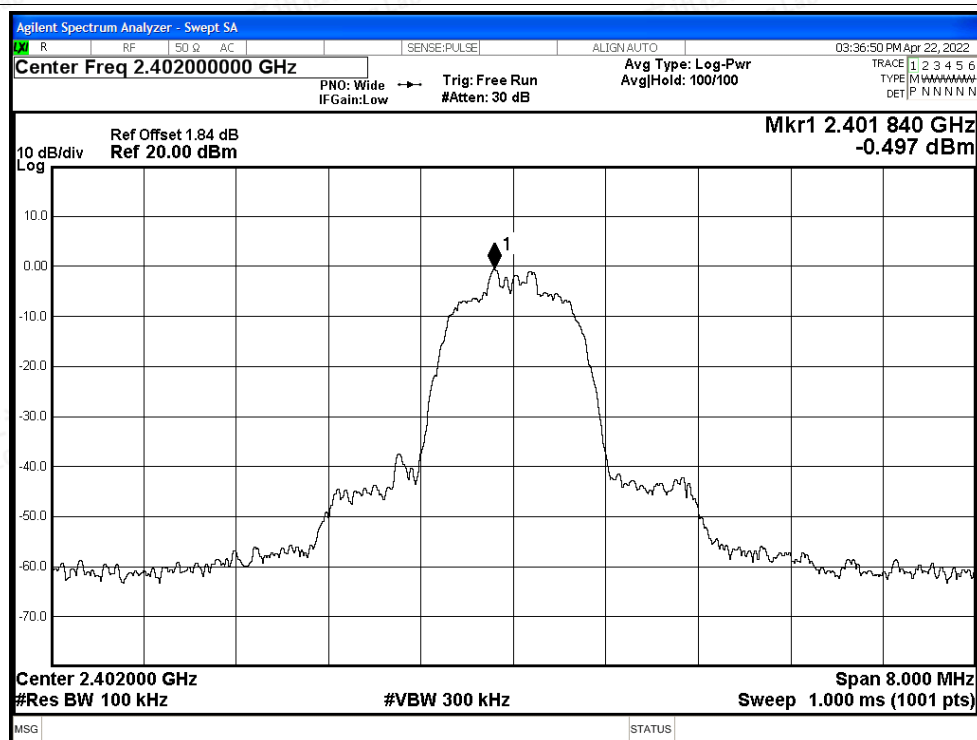


Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission

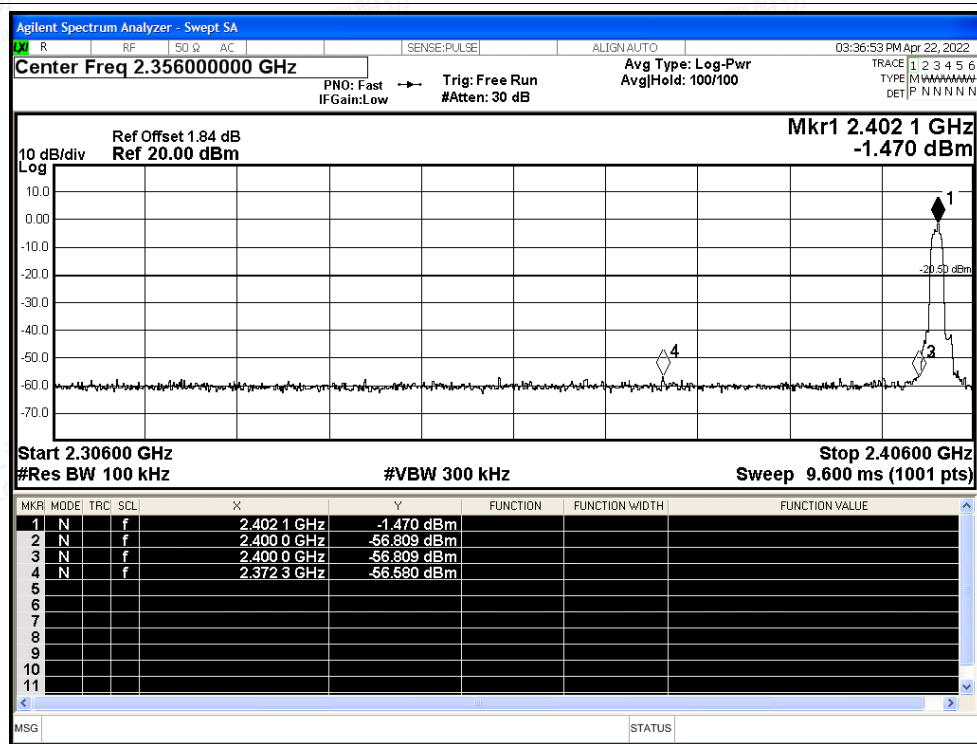




Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref

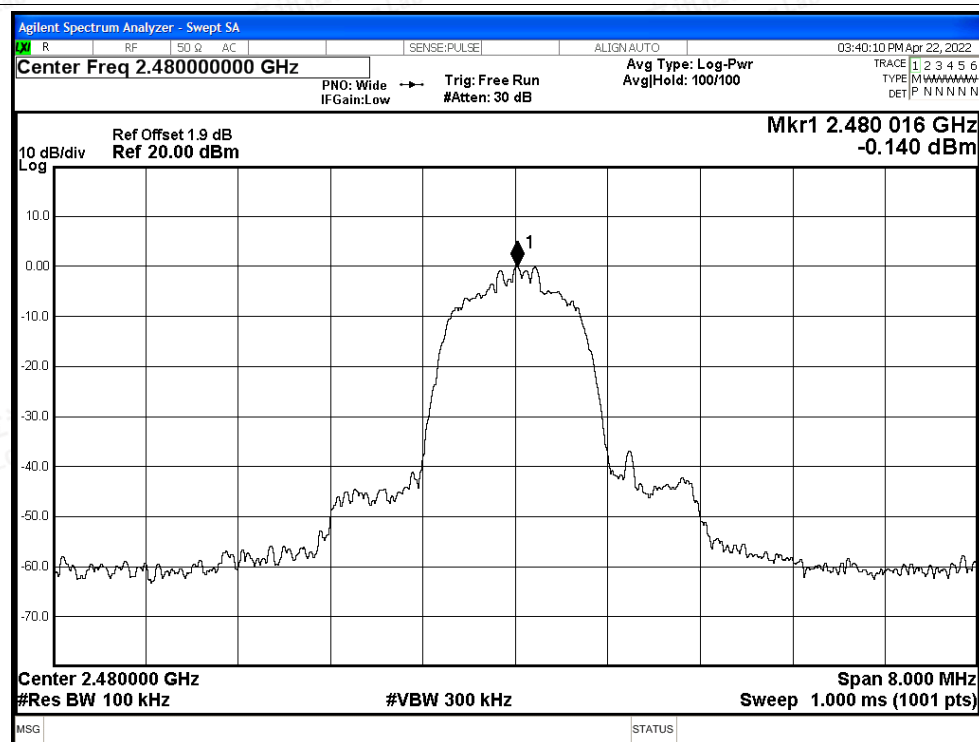


Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission

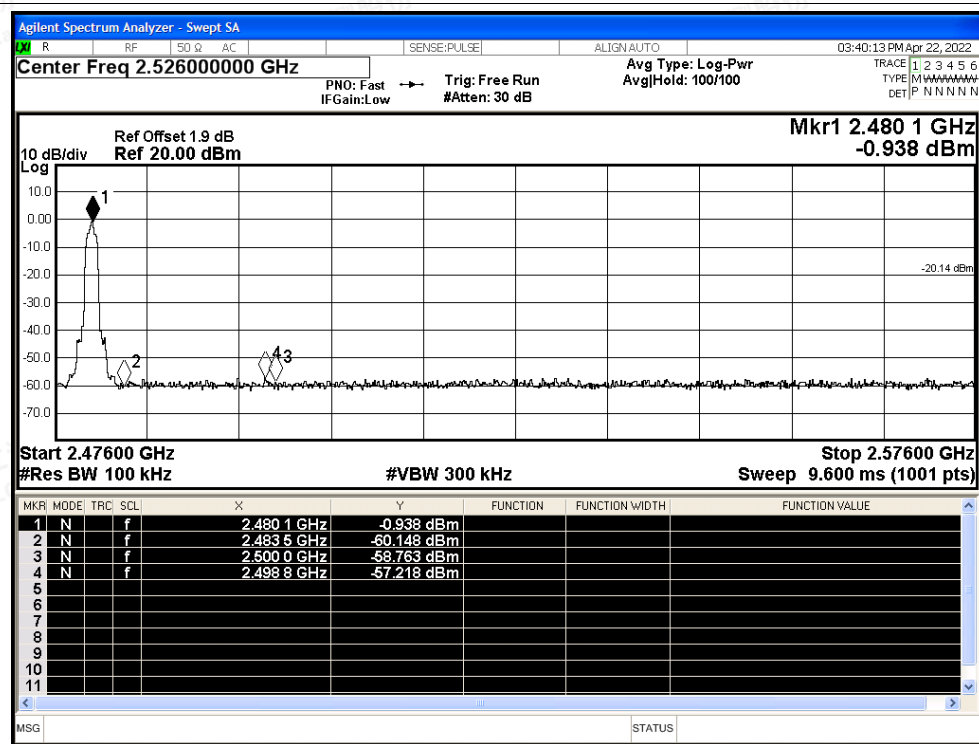




Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref

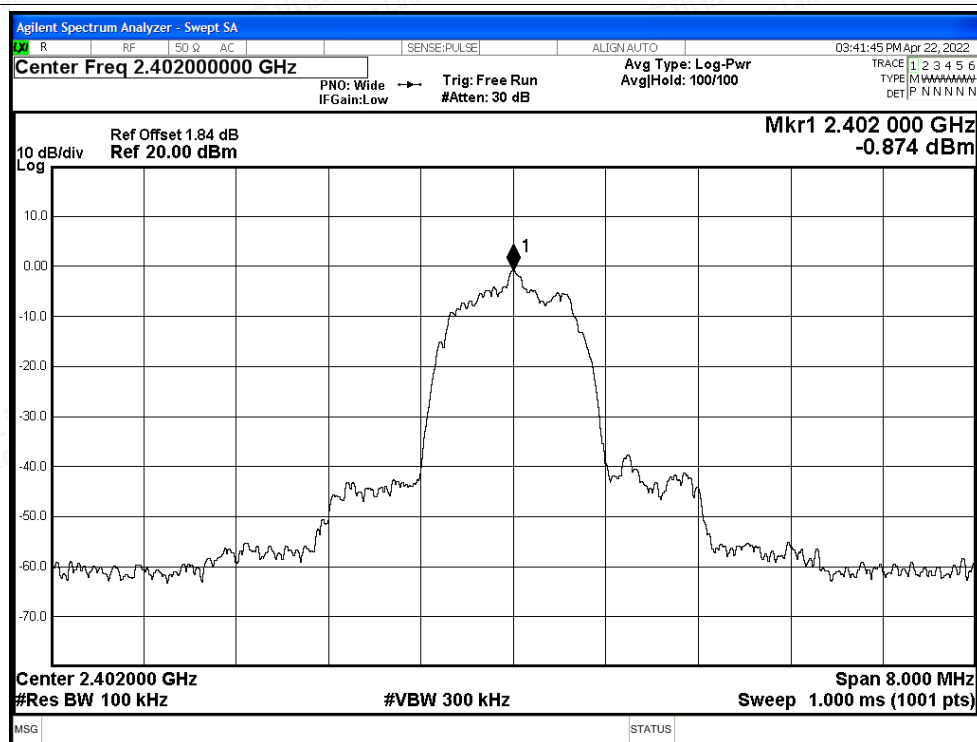


Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission

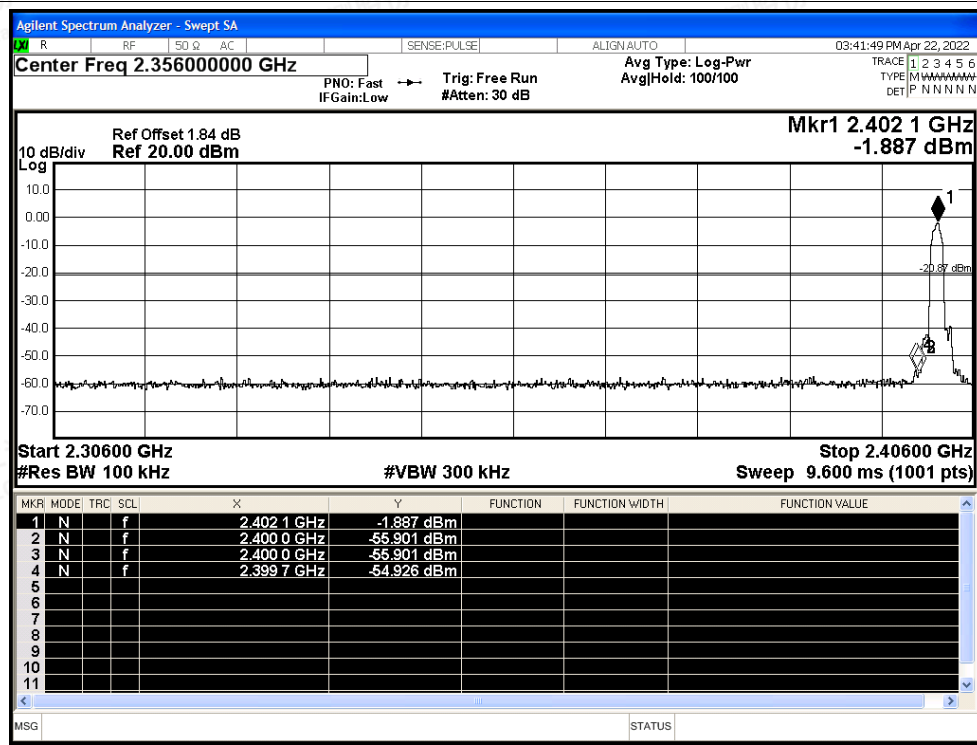




Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref

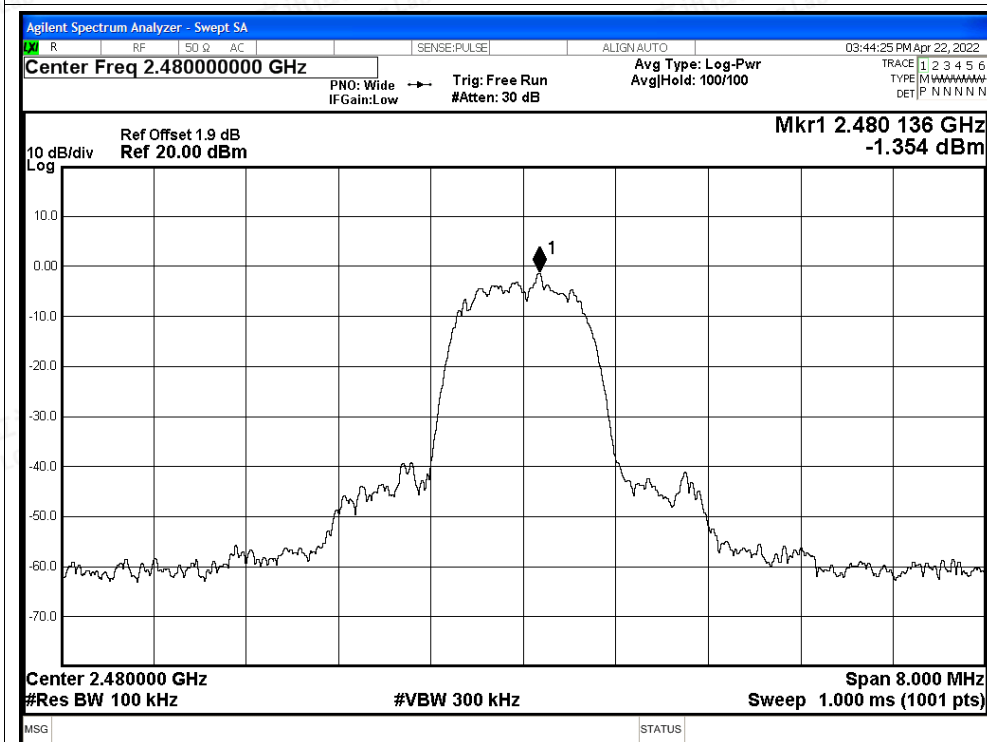


Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission

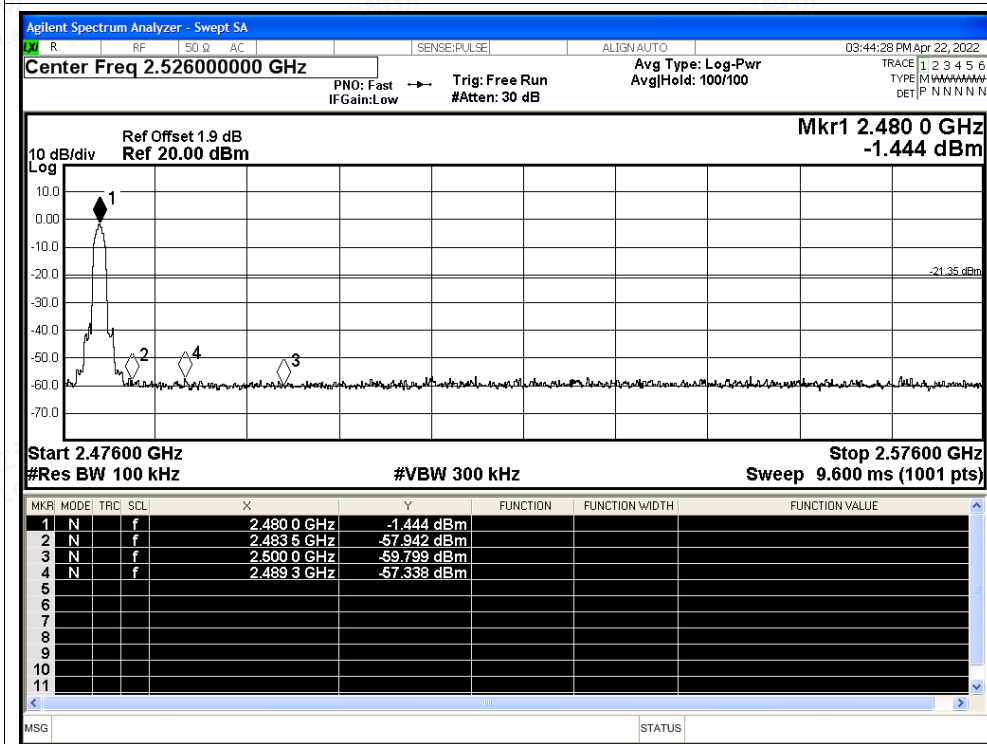




Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref



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





(Hopping)

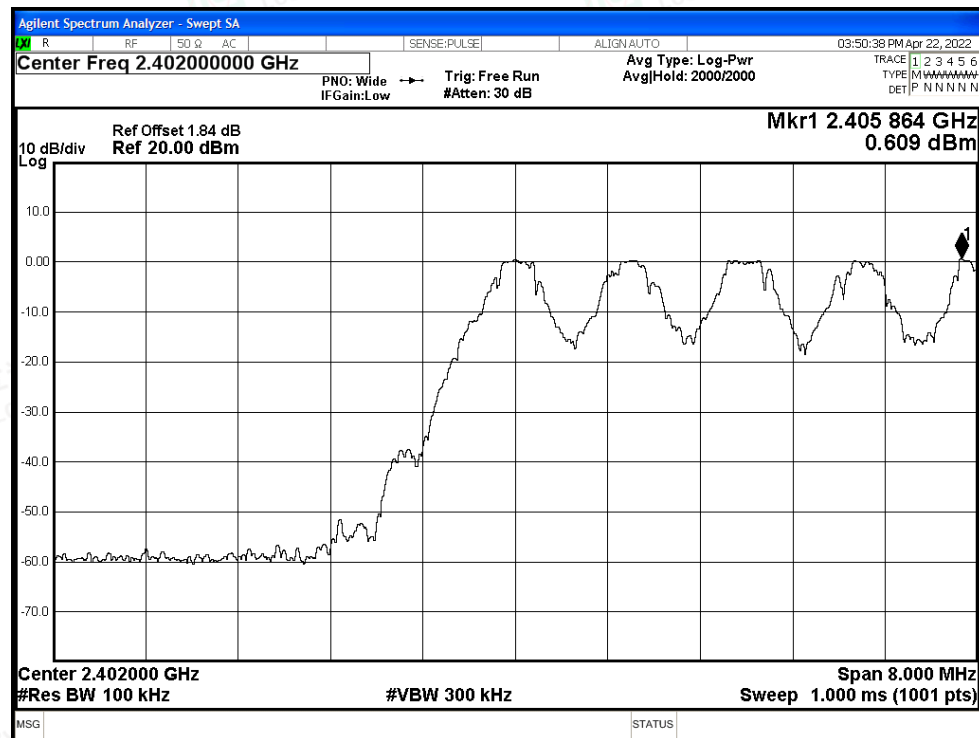
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-56.99	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-57.52	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-55.22	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-56.09	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-53.51	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-56.51	-20	Pass



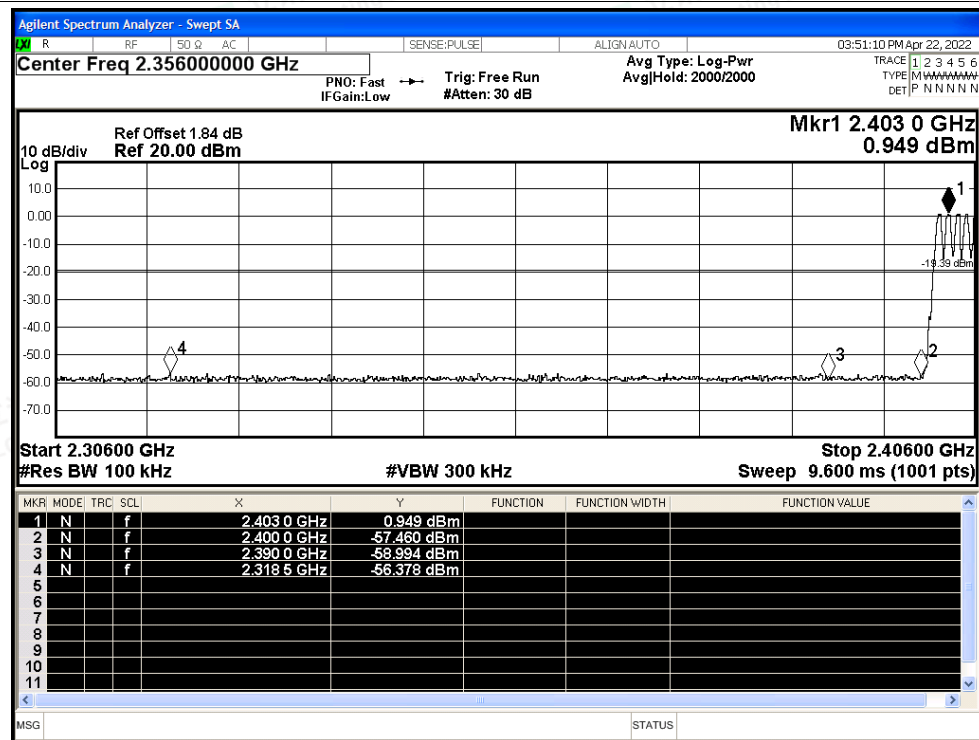


Test Graphs

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



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



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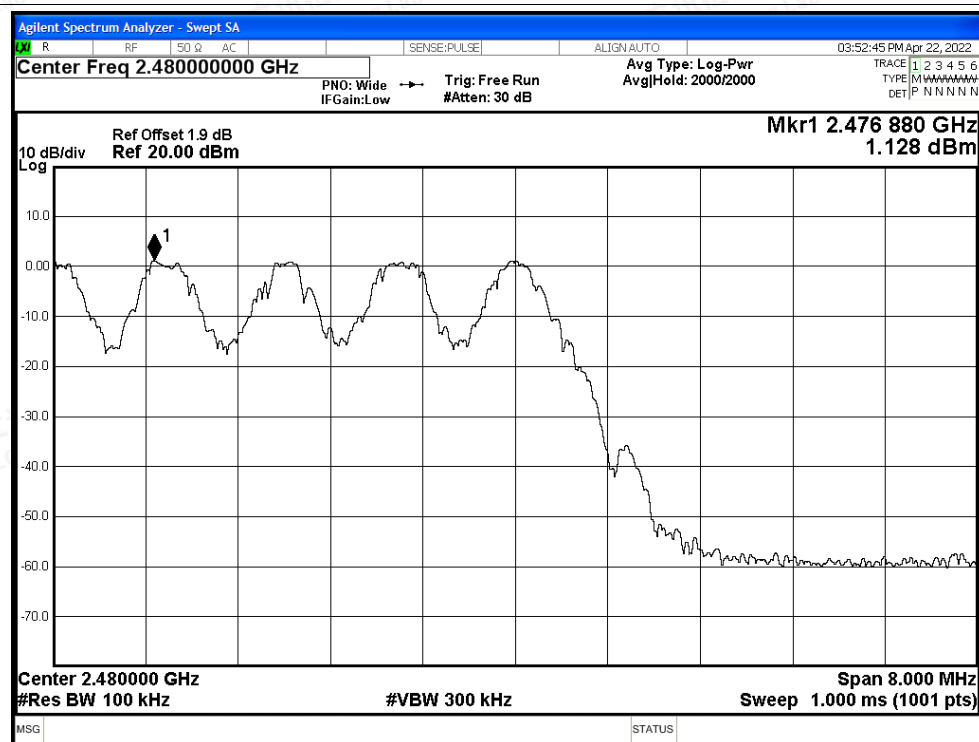
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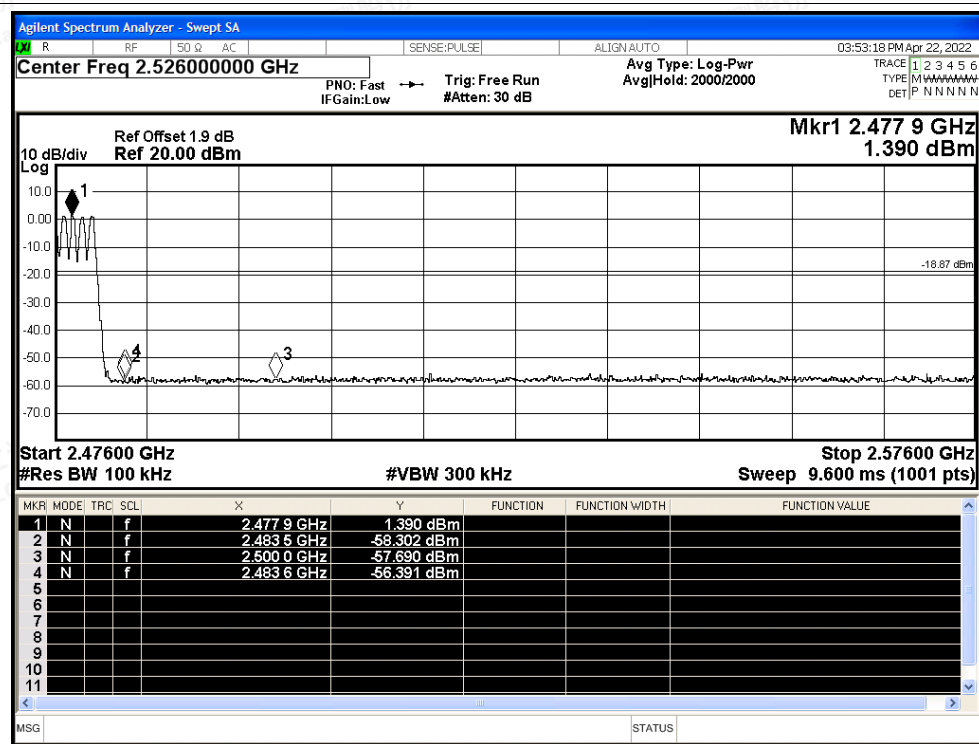
Scan code to check authenticity



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



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

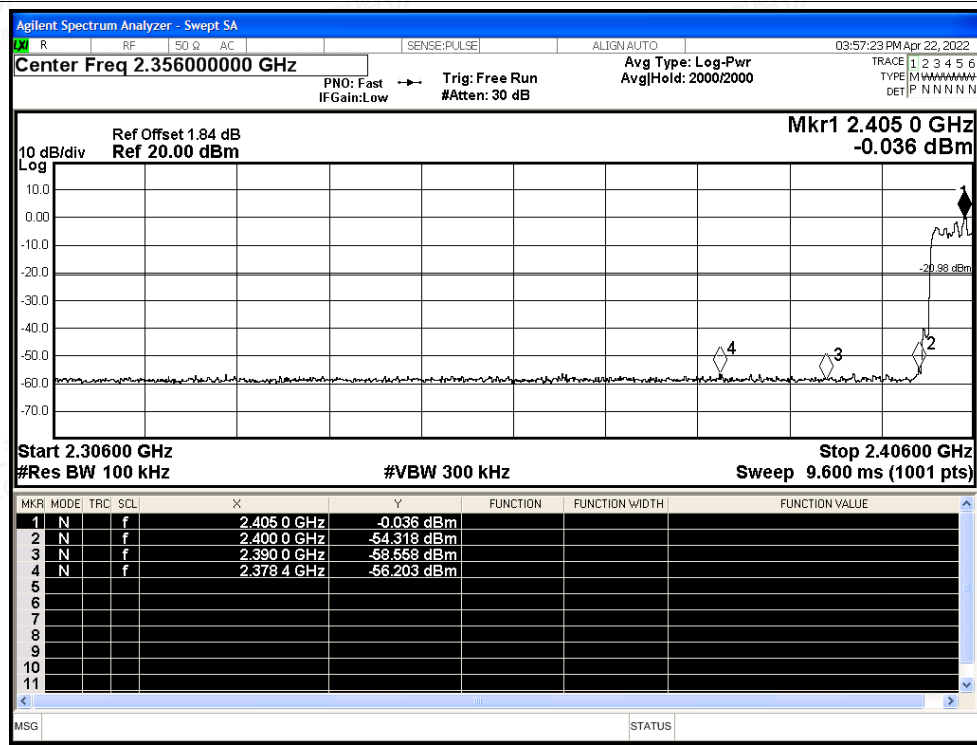




Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



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



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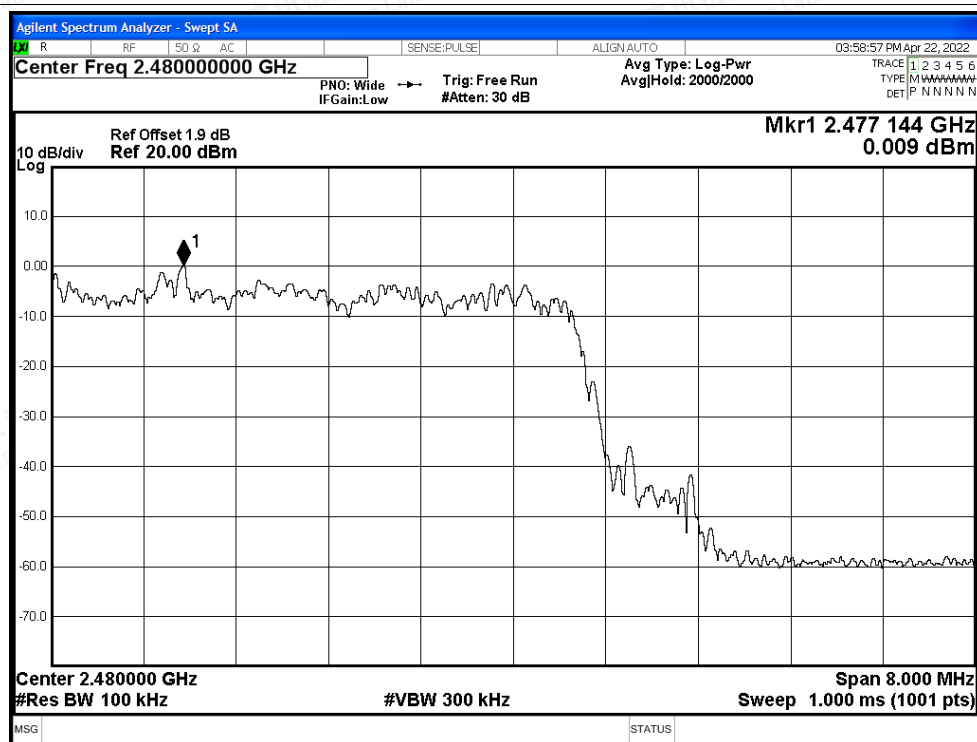
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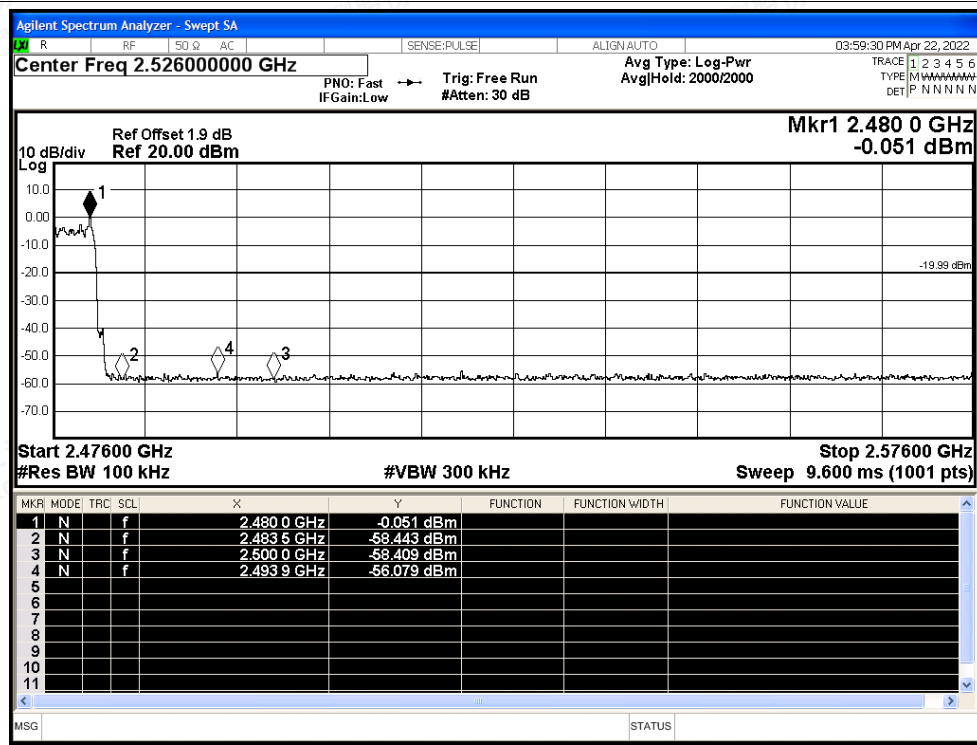
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Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref

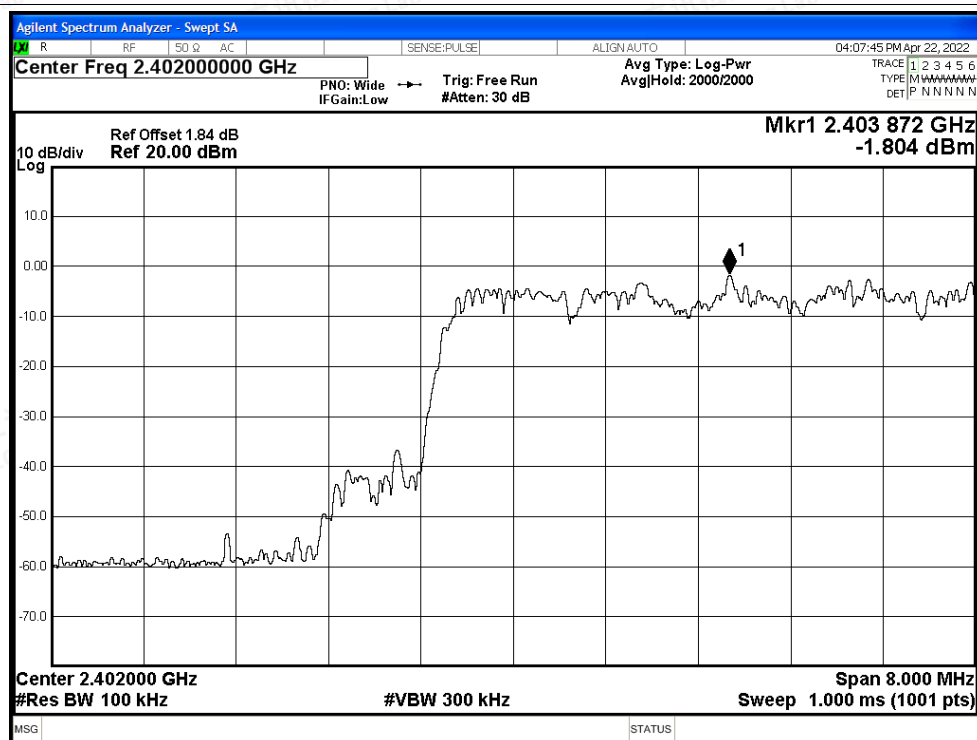


Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission

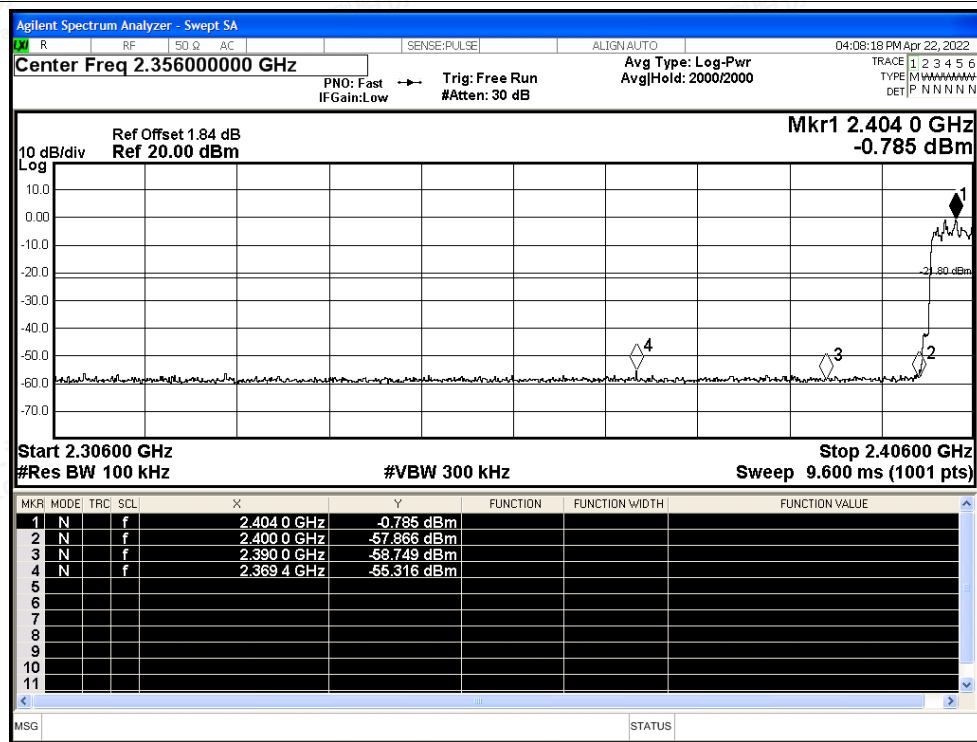




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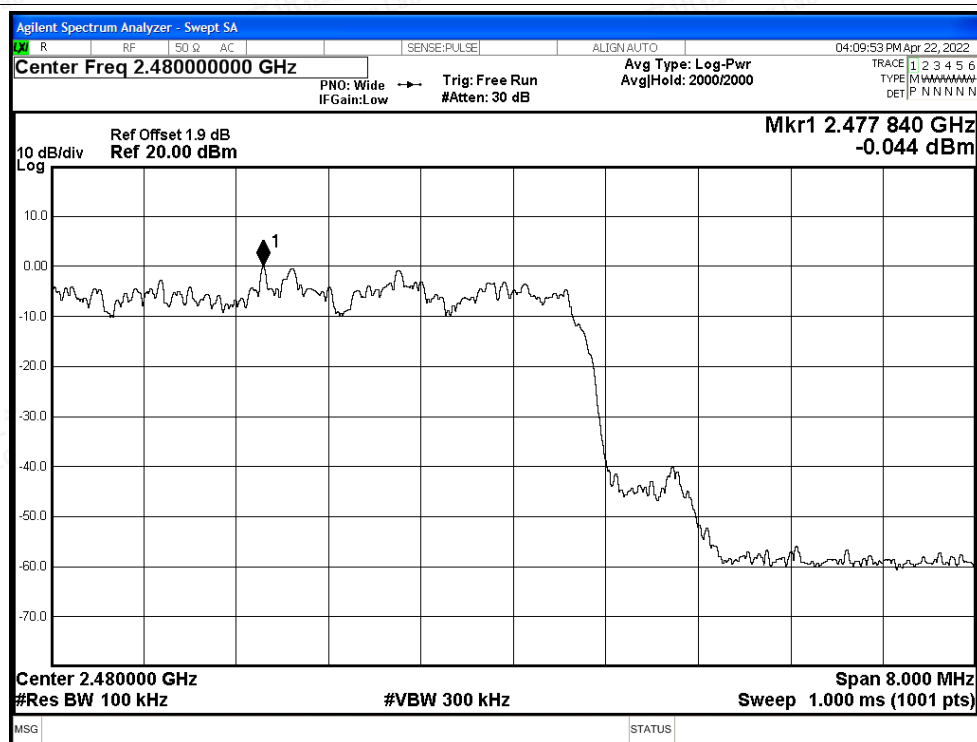


Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission

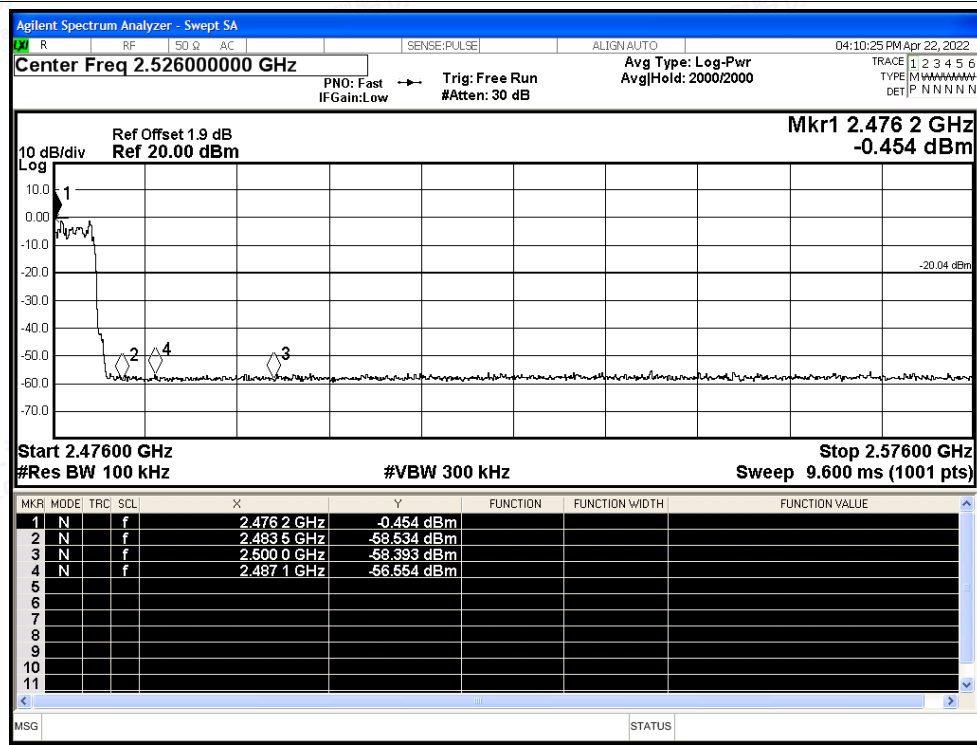




Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref



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	-57.01	-20	Pass
NVNT	1-DH5	2441	Ant1	-56.43	-20	Pass
NVNT	1-DH5	2480	Ant1	-52.36	-20	Pass
NVNT	2-DH5	2402	Ant1	-55.25	-20	Pass
NVNT	2-DH5	2441	Ant1	-55.59	-20	Pass
NVNT	2-DH5	2480	Ant1	-44.95	-20	Pass
NVNT	3-DH5	2402	Ant1	-55.35	-20	Pass
NVNT	3-DH5	2441	Ant1	-56.12	-20	Pass
NVNT	3-DH5	2480	Ant1	-56.22	-20	Pass

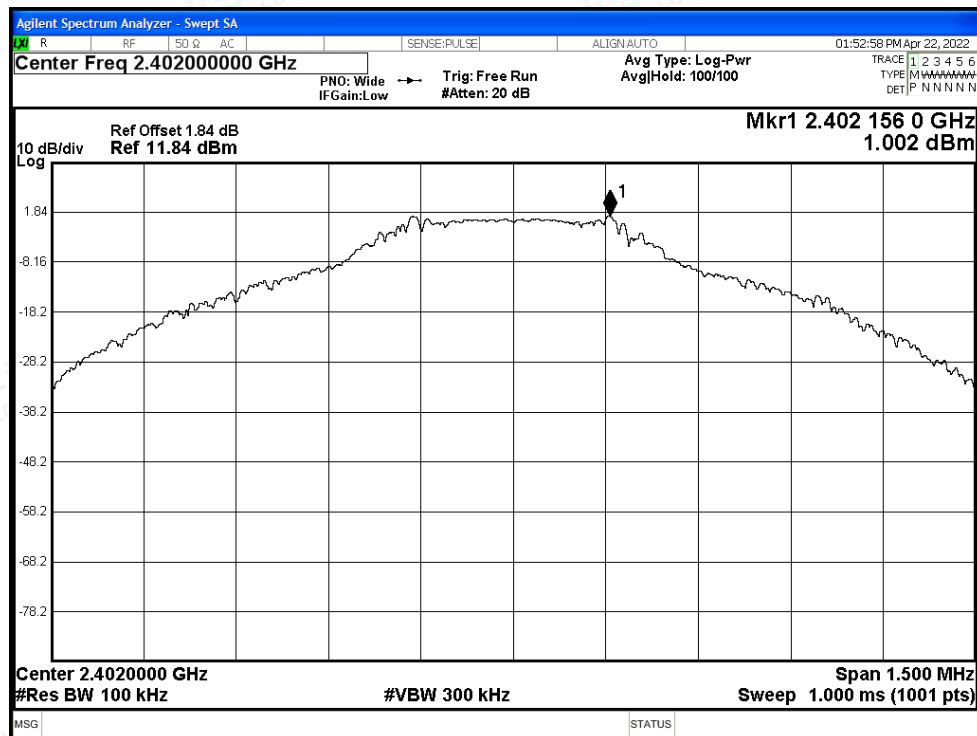


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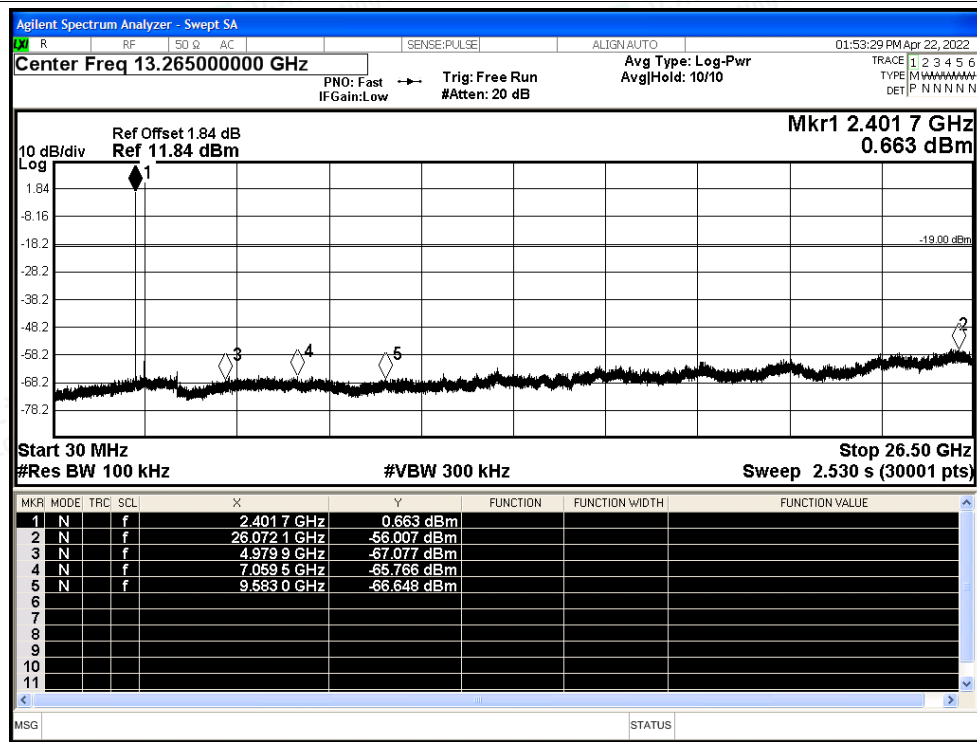


Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref

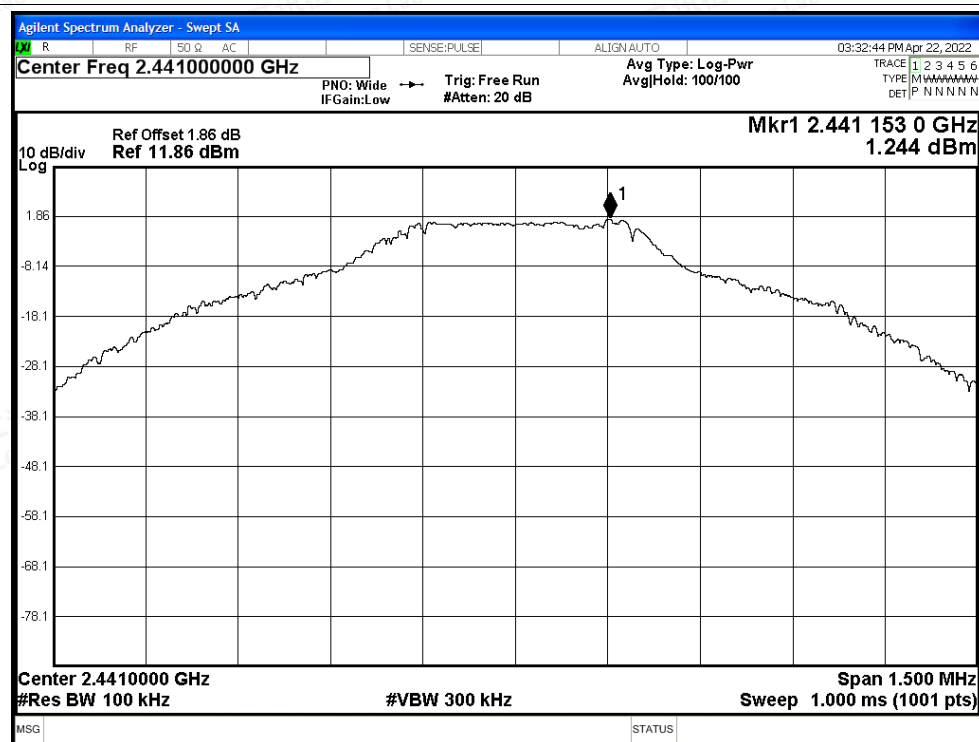


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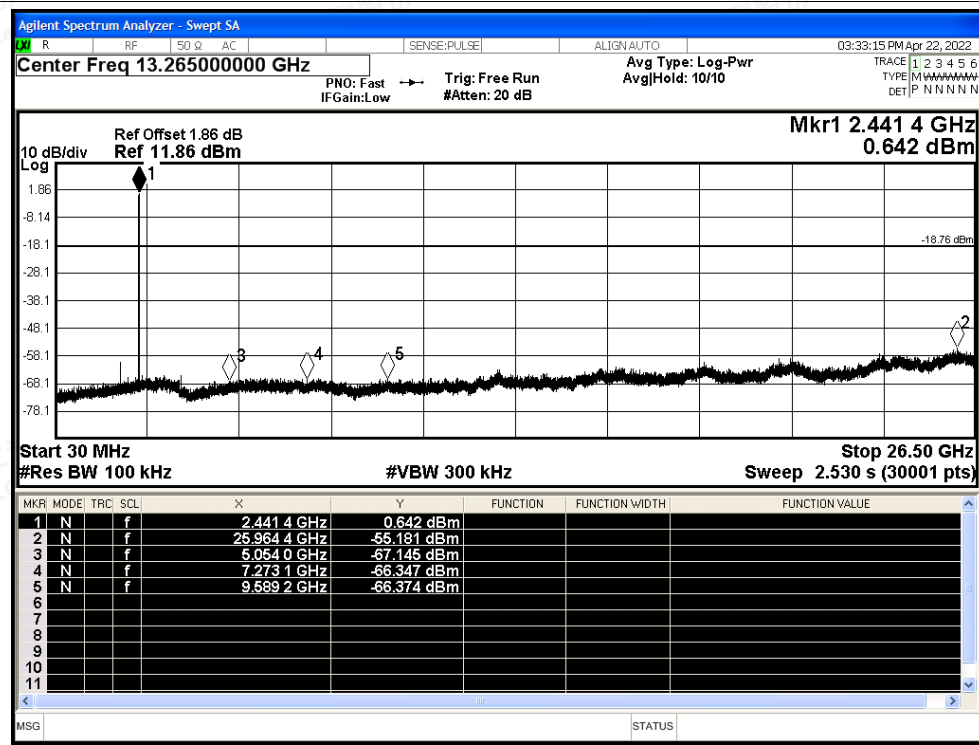




Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref

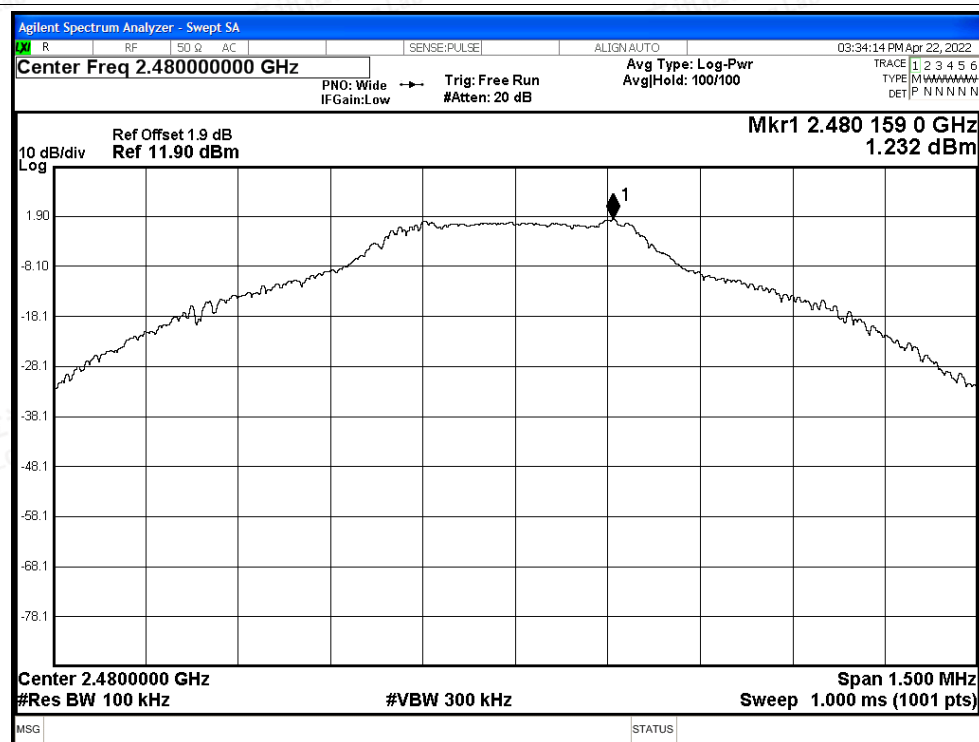


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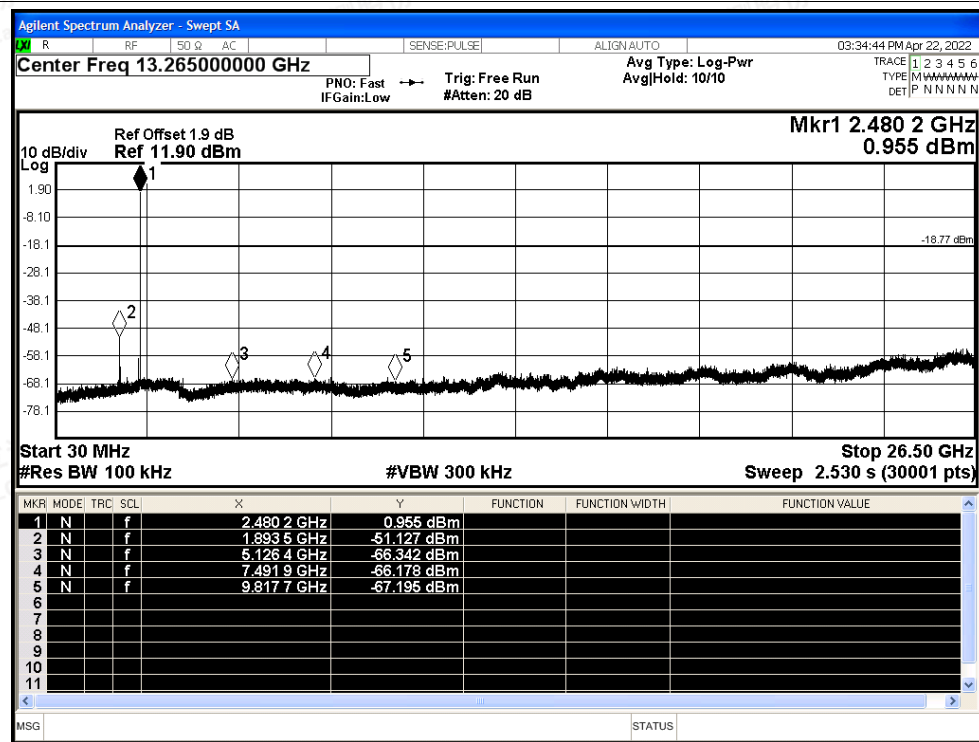




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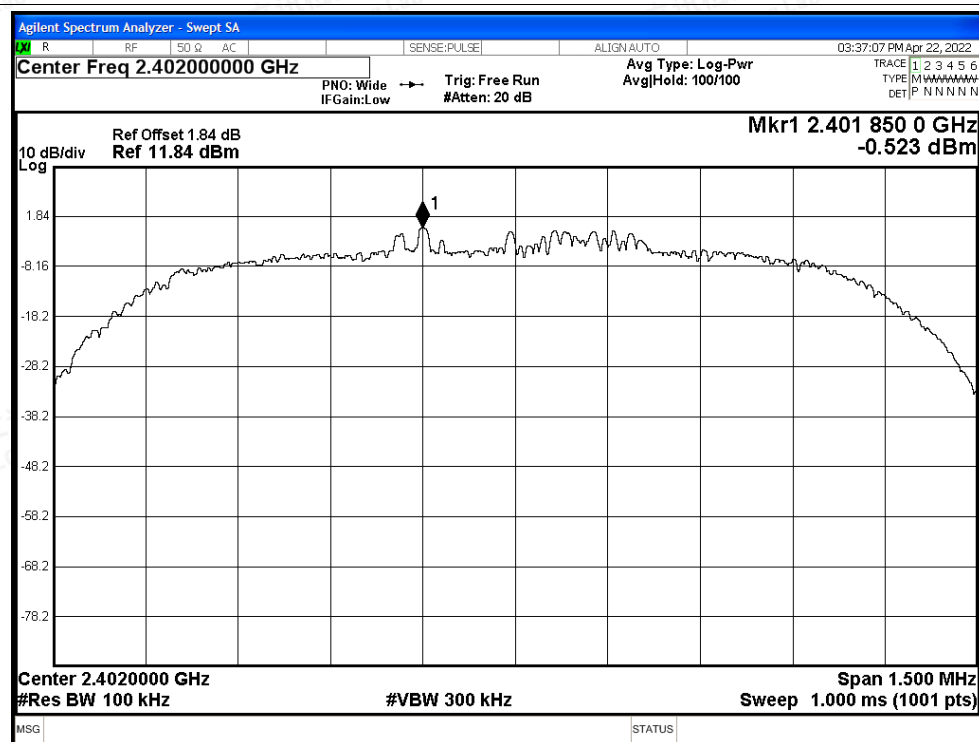


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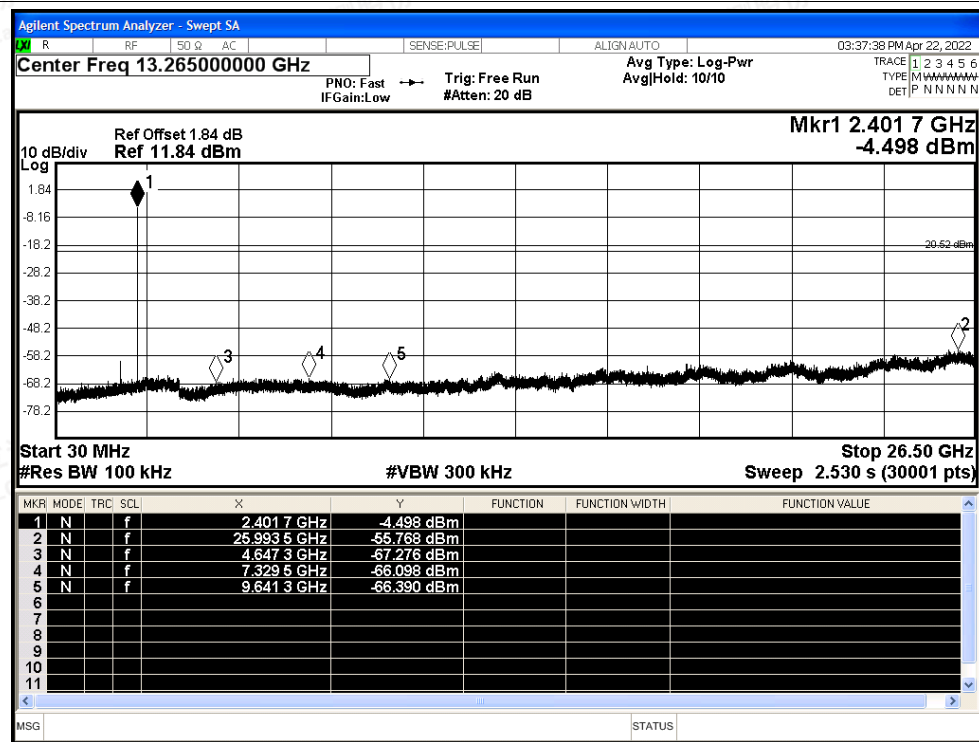




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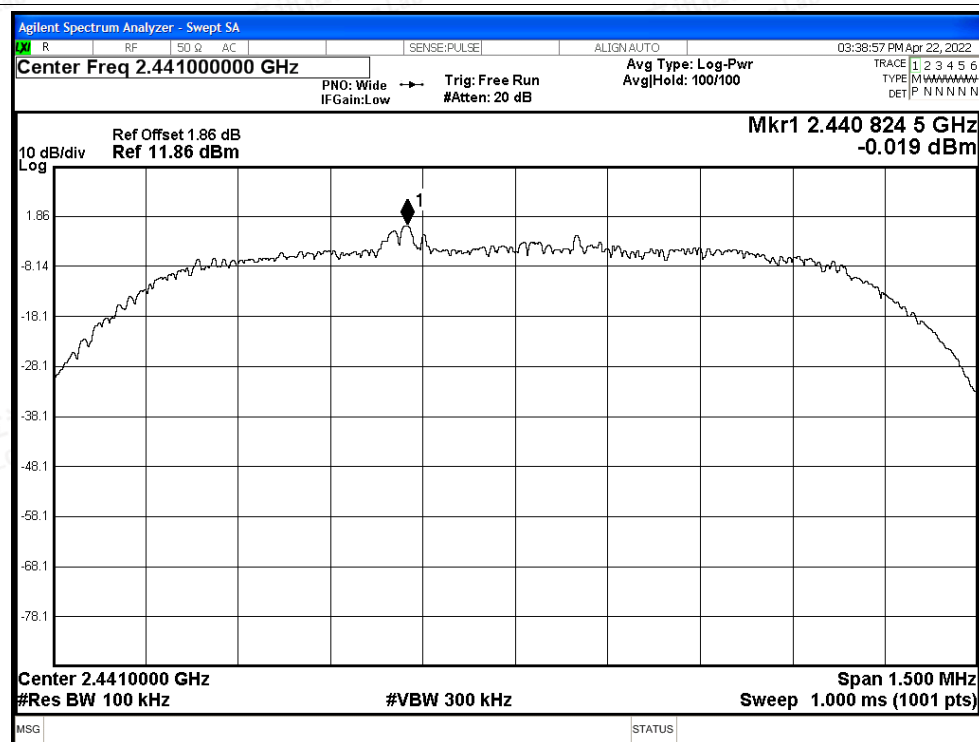


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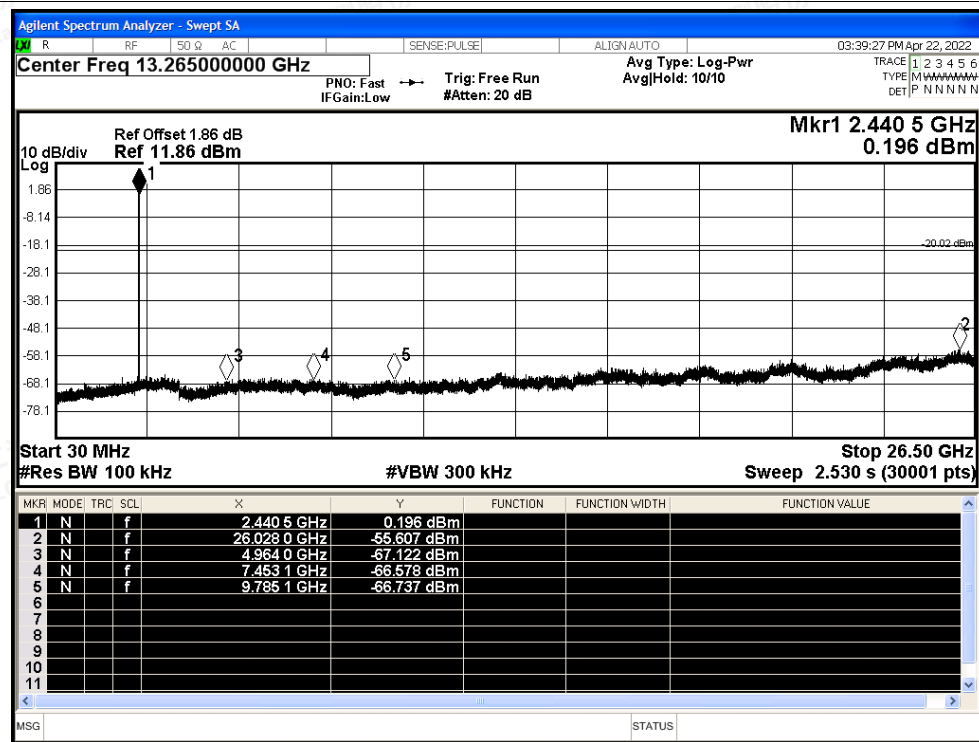




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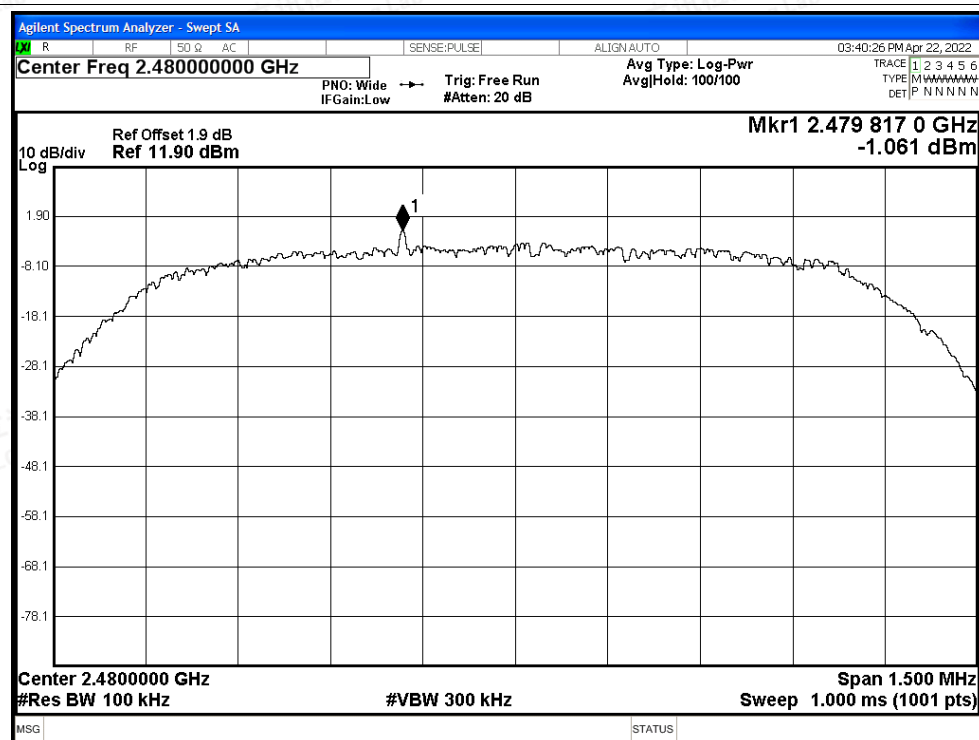


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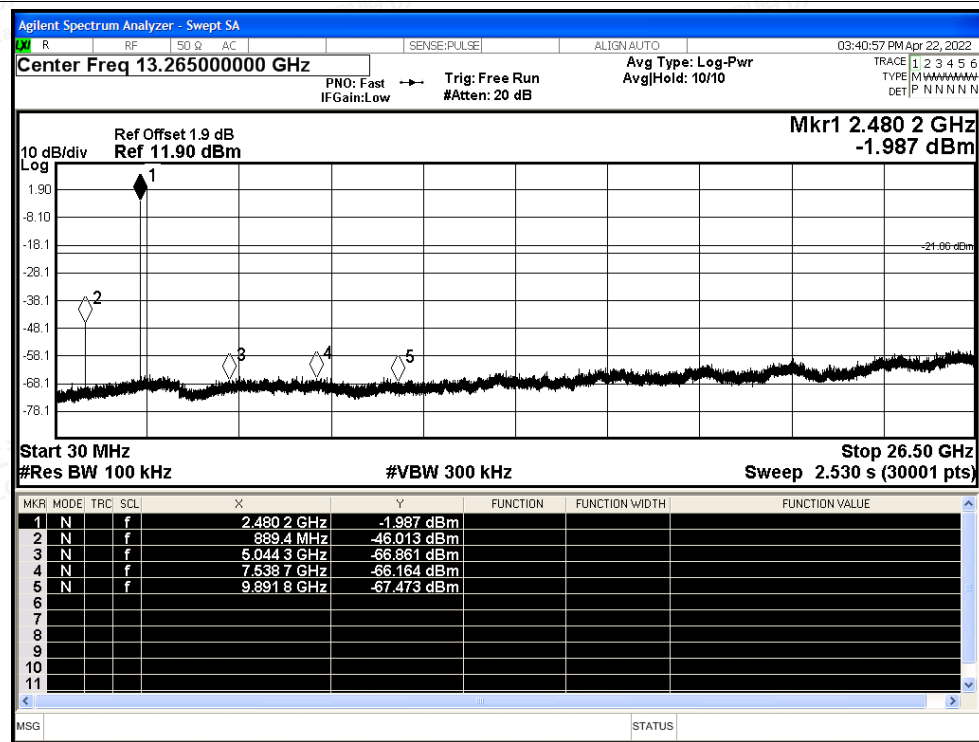




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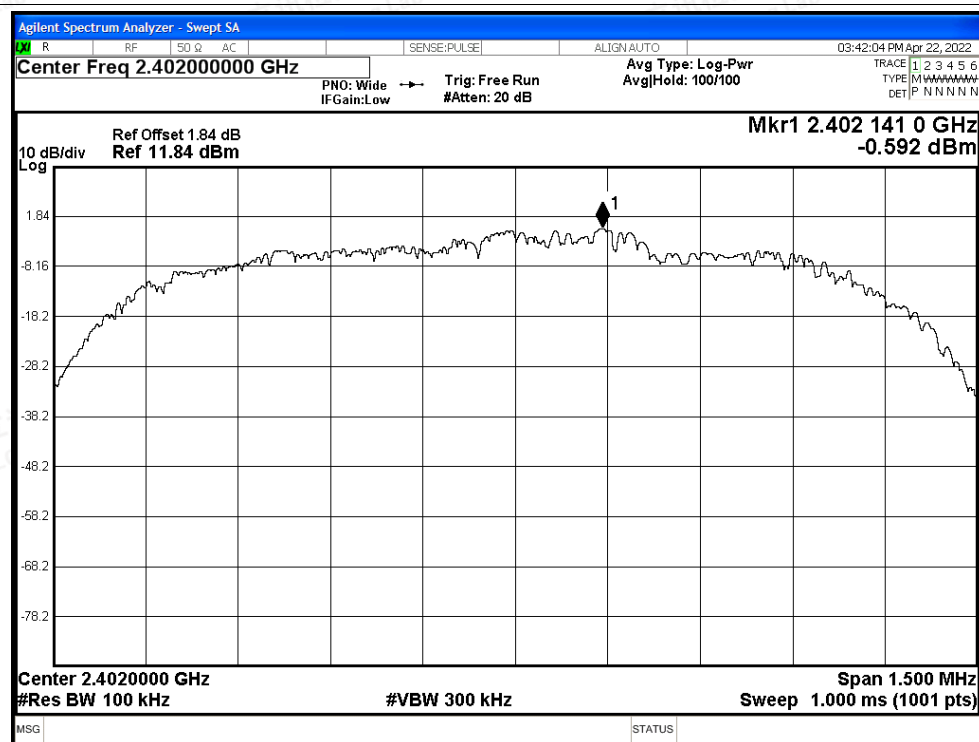


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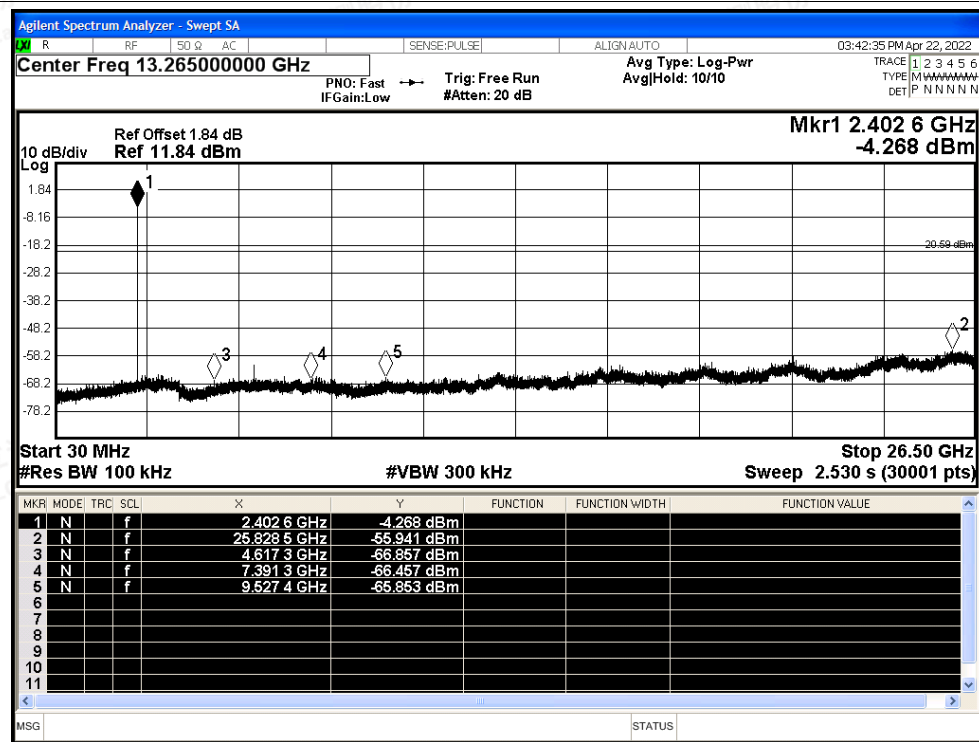




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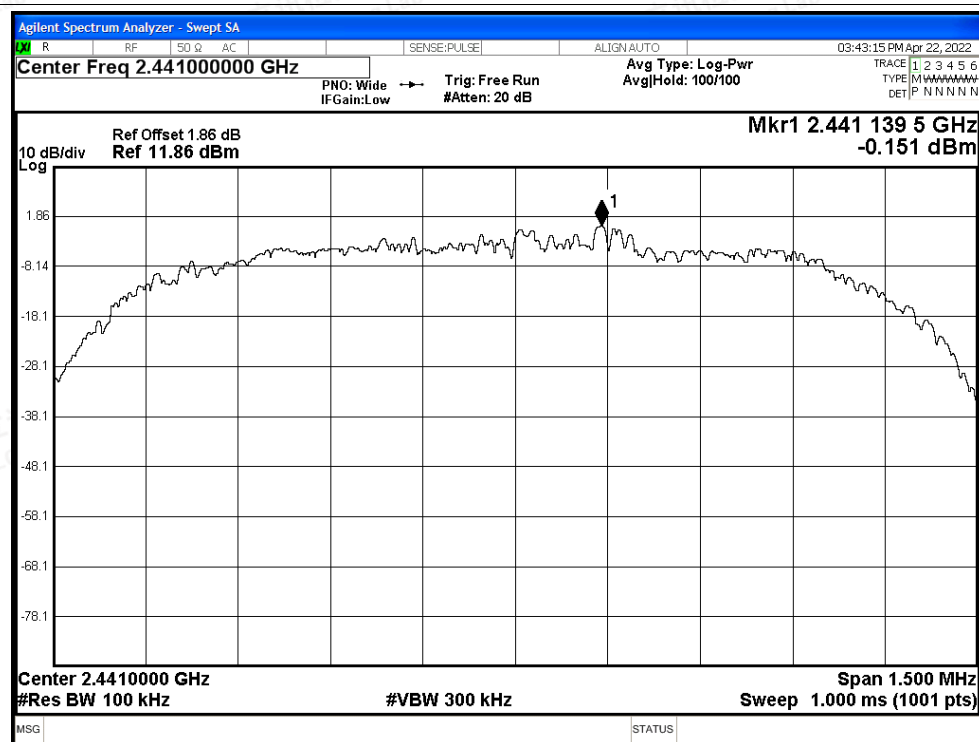


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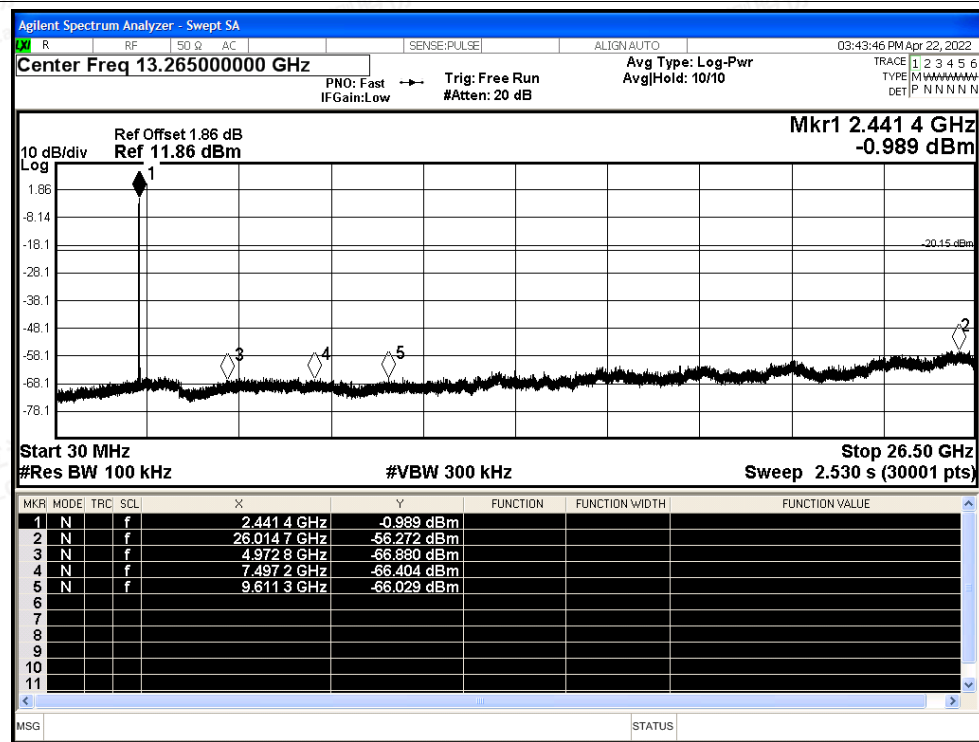




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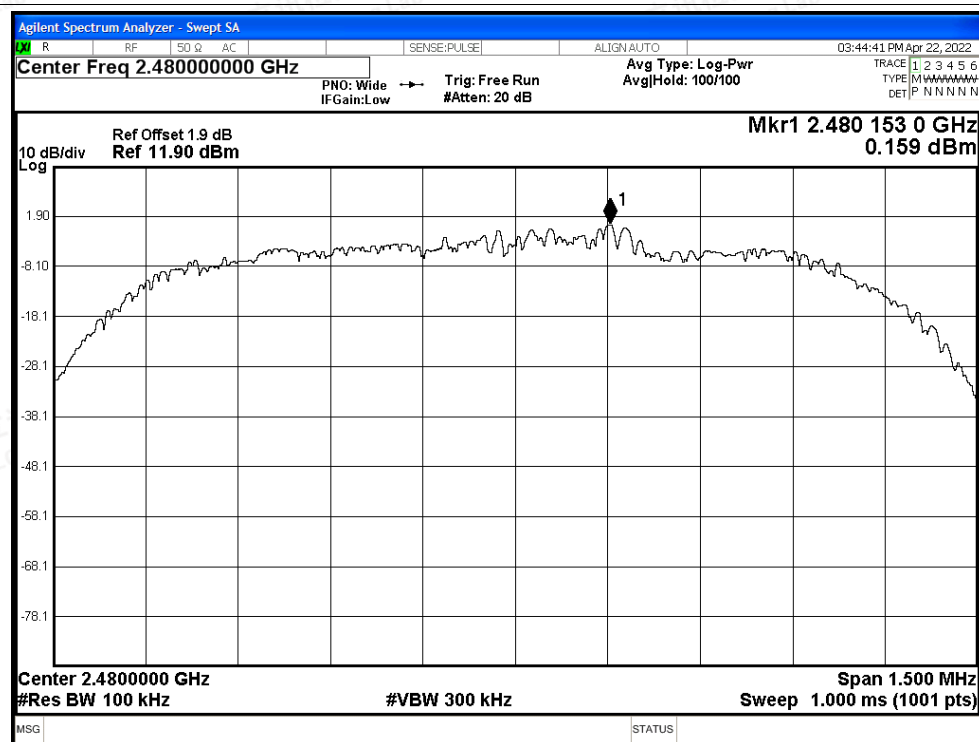


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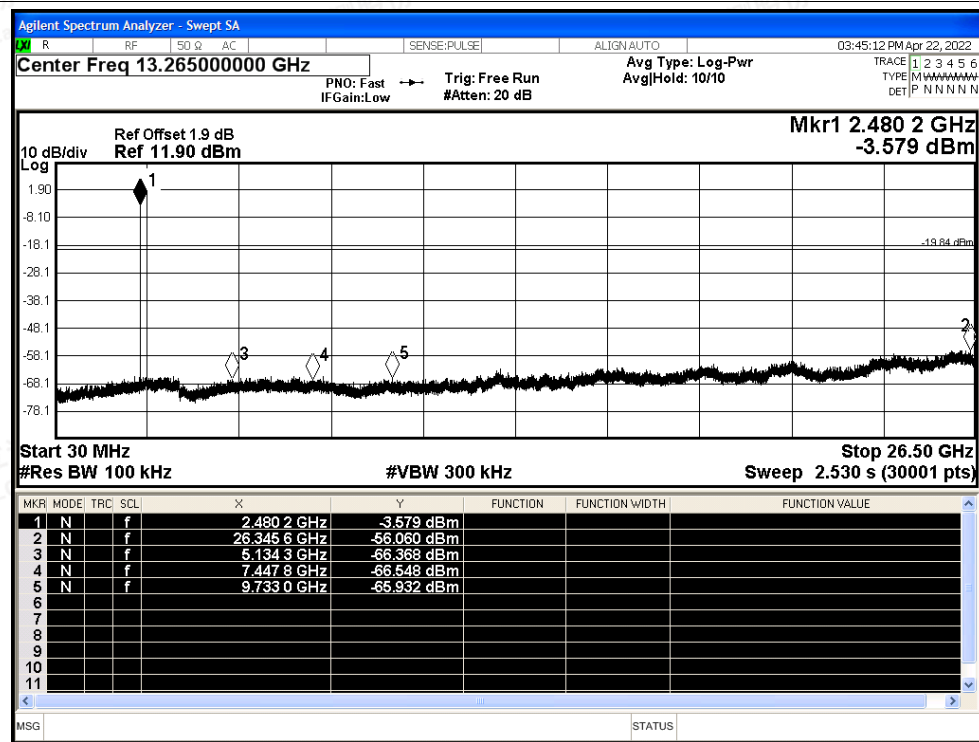




Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



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	-50.49	2	46.77	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-60.69	2	36.57	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2339.76	-47.73	2	49.53	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2389.296	-60.17	2	37.09	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-51.18	2	46.08	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-60.21	2	37.05	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-50	2	47.26	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-59.88	2	37.38	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2496.4	-47.17	2	50.09	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.632	-59.71	2	37.55	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-49.26	2	48	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-59.99	2	37.27	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-49.12	2	48.14	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-60.66	2	36.6	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2348.88	-48.11	2	49.15	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2372.784	-60.24	2	37.02	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-49.56	2	47.7	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-60.33	2	36.93	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-50.69	2	46.57	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-59.61	2	37.65	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2496.928	-47.04	2	50.22	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.512	-59.61	2	37.65	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-49.77	2	47.49	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-60.07	2	37.19	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-49.38	2	47.88	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-60.8	2	36.46	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2313.936	-47.66	2	49.6	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2388.432	-60.18	2	37.08	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-51.67	2	45.59	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-60.43	2	36.83	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-49.56	2	47.7	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-59.73	2	37.53	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.824	-46.71	2	50.55	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.608	-59.55	2	37.71	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-52.07	2	45.19	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-60.15	2	37.11	Average	54	Pass

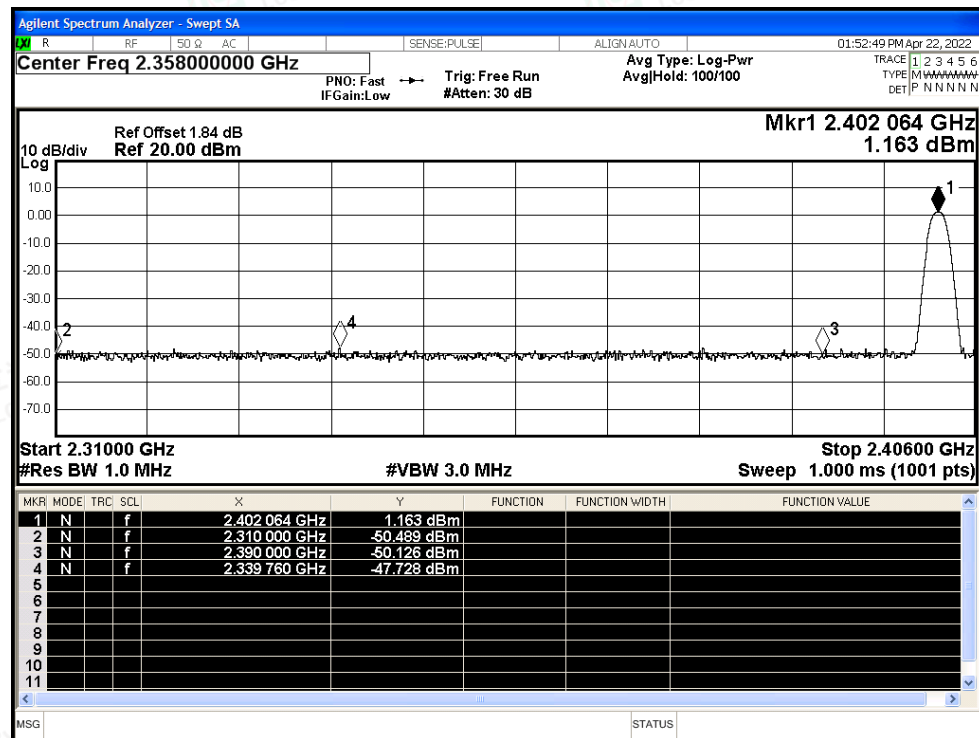


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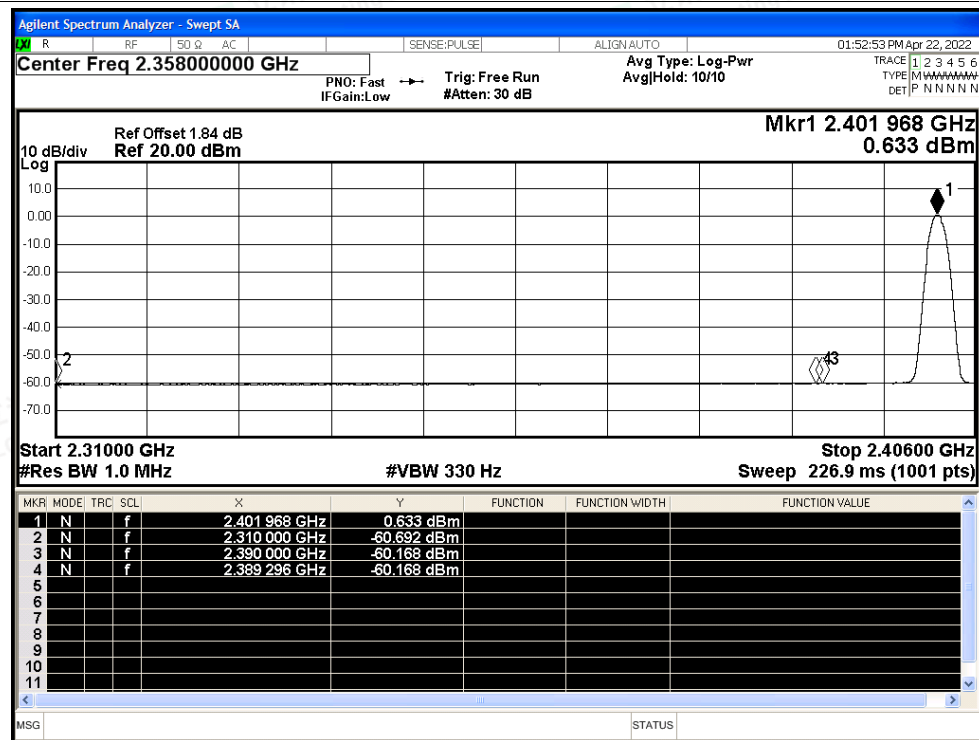


Test Graphs

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

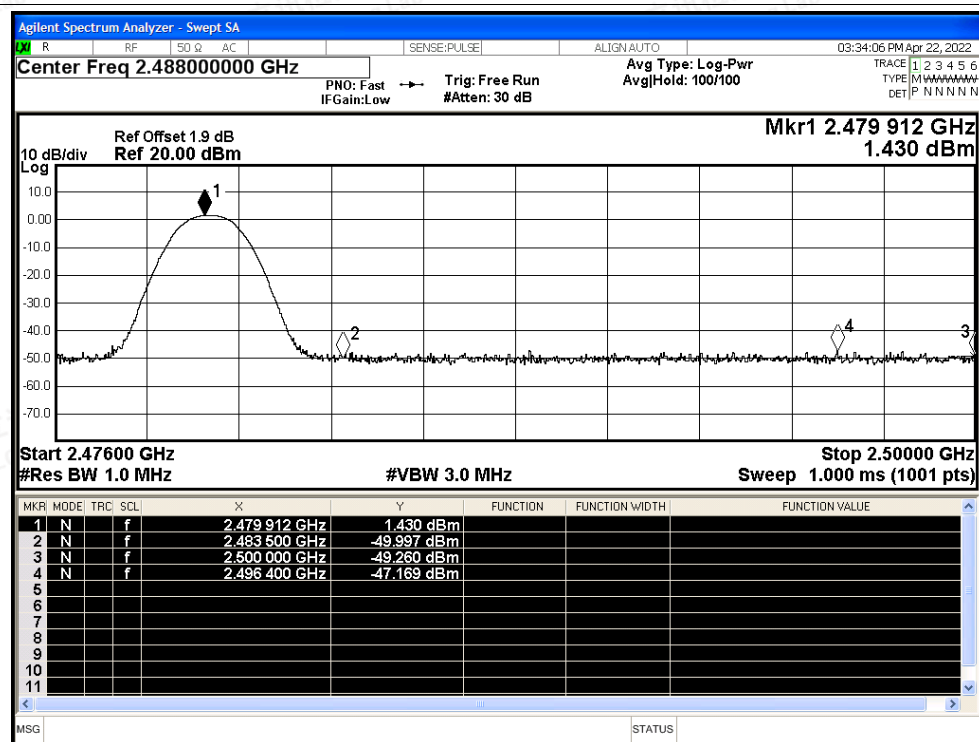


Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Average

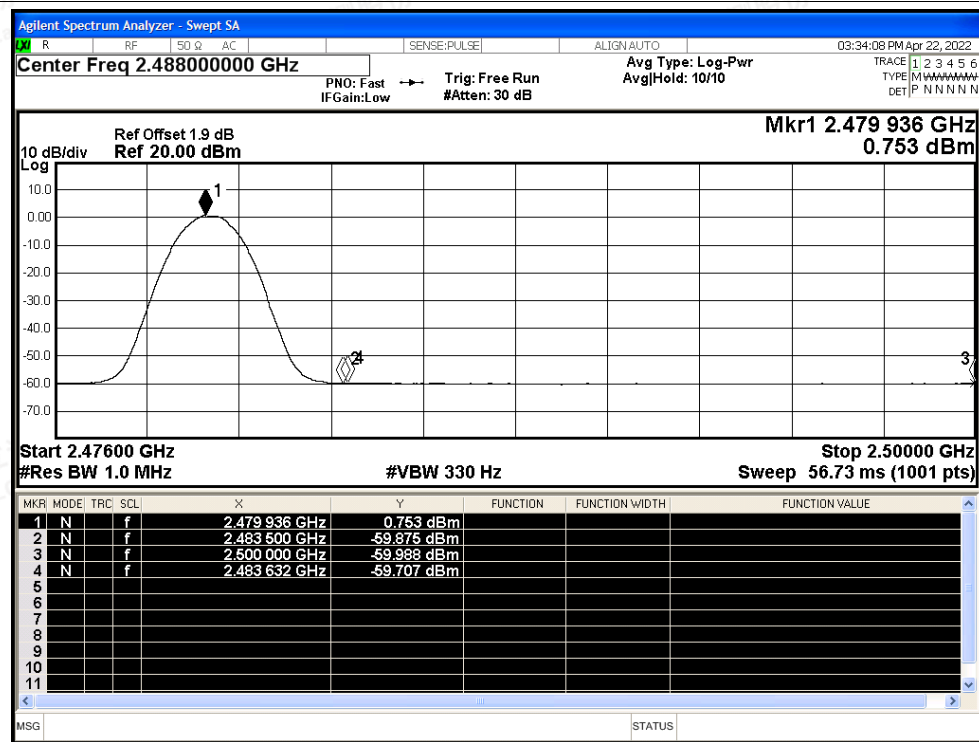




Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak

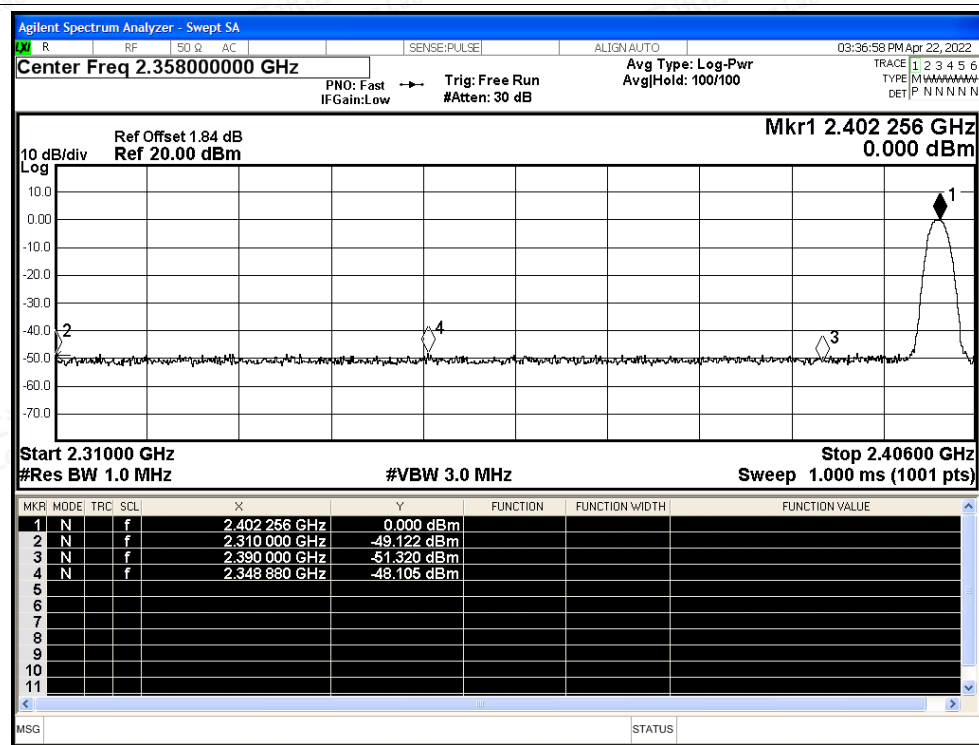


Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average

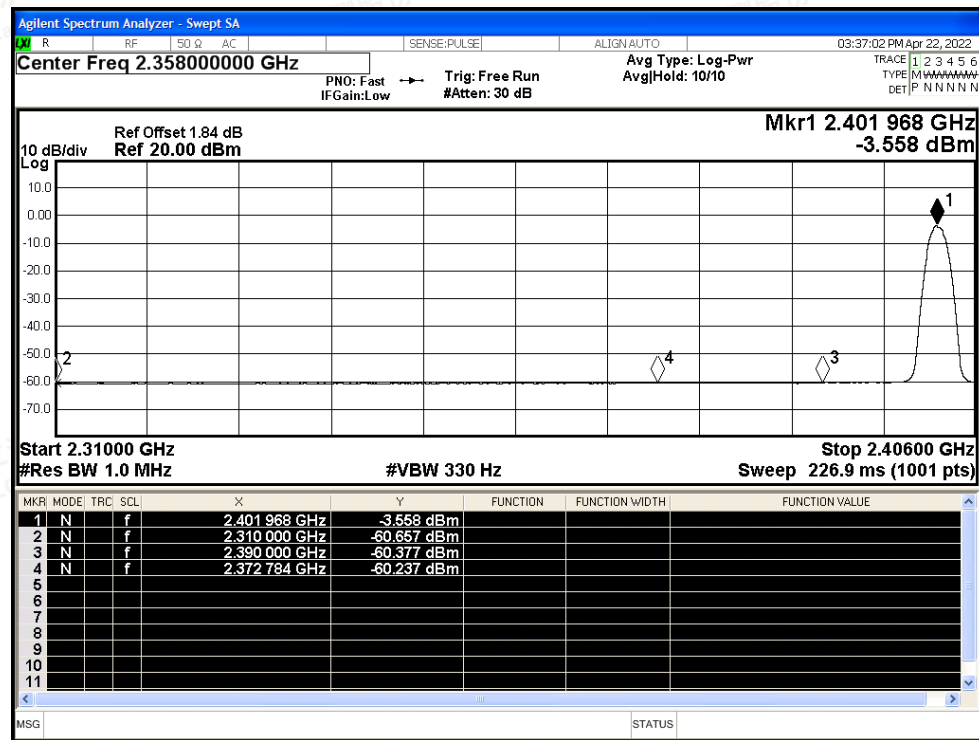




Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Peak

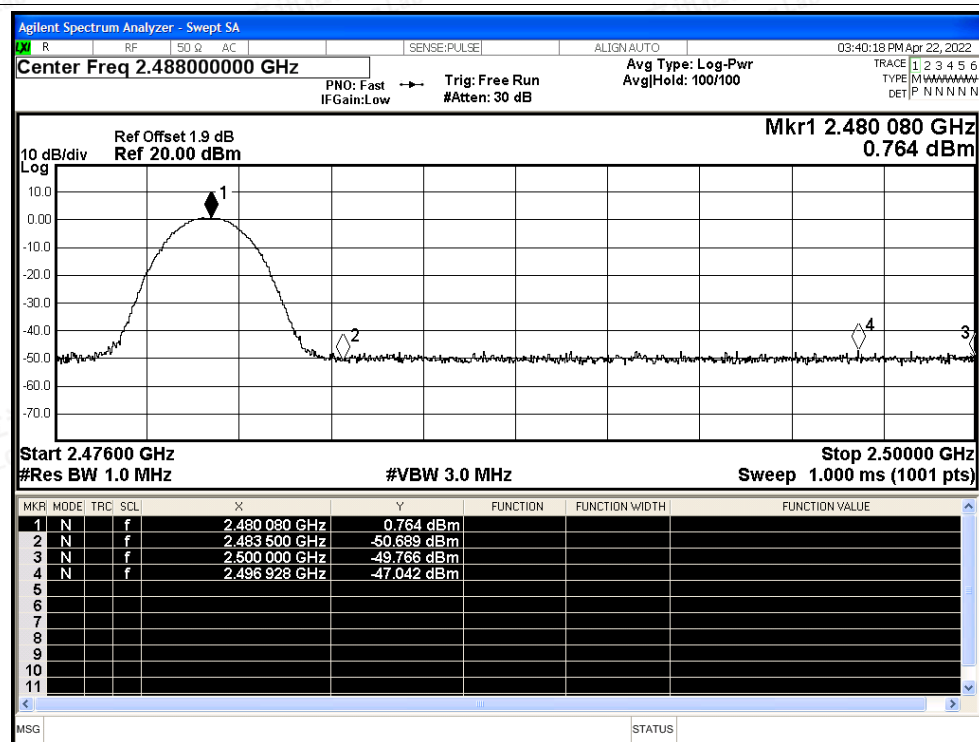


Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Average

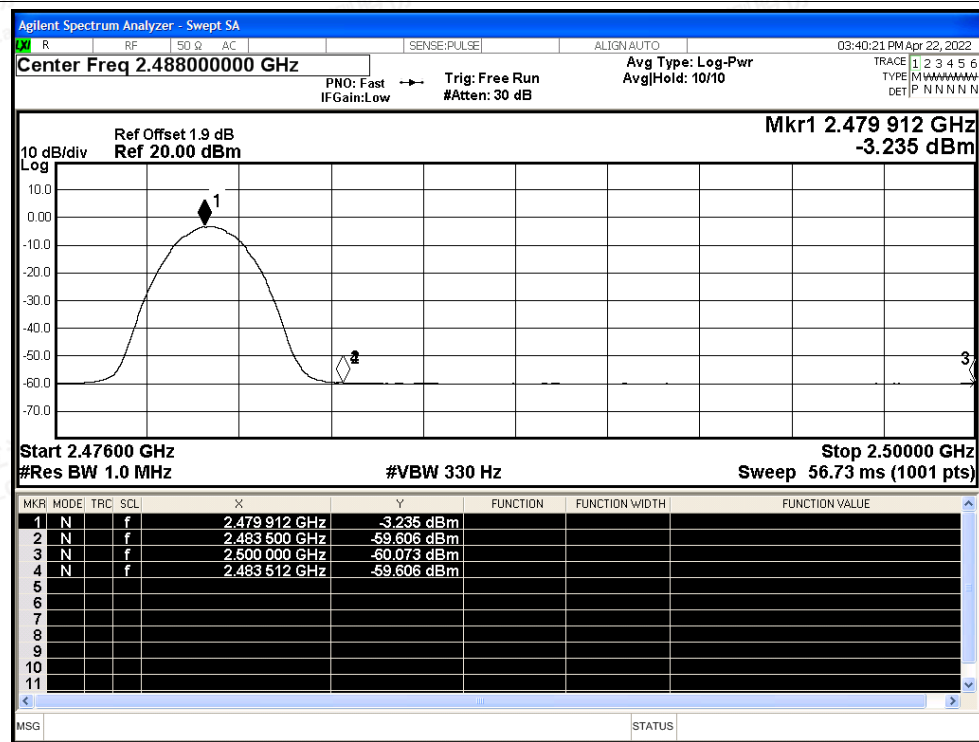




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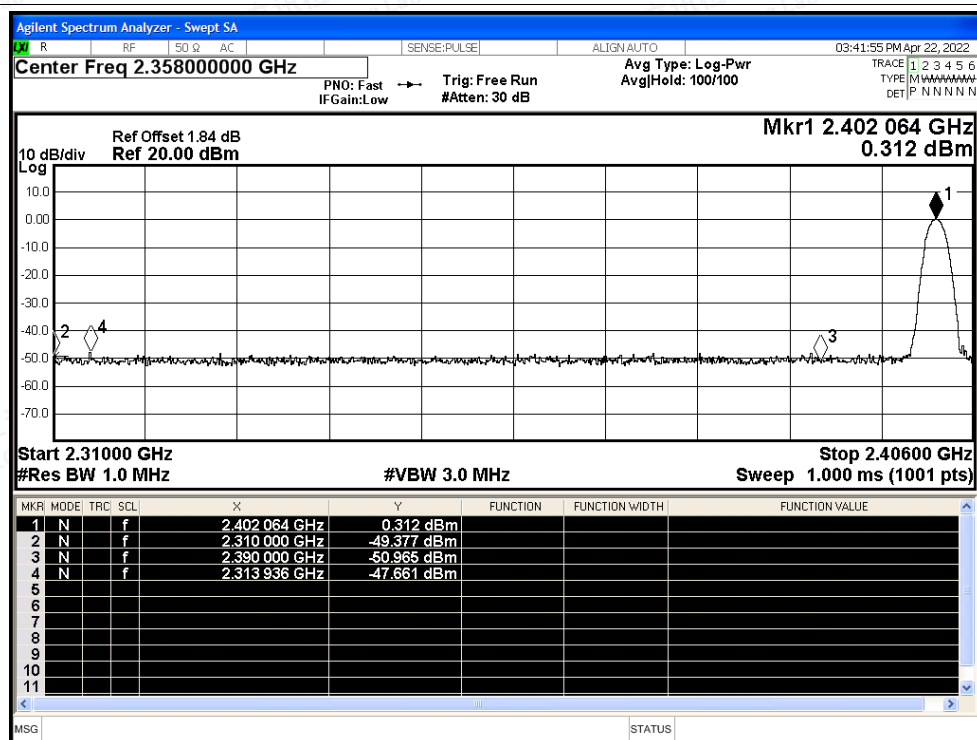


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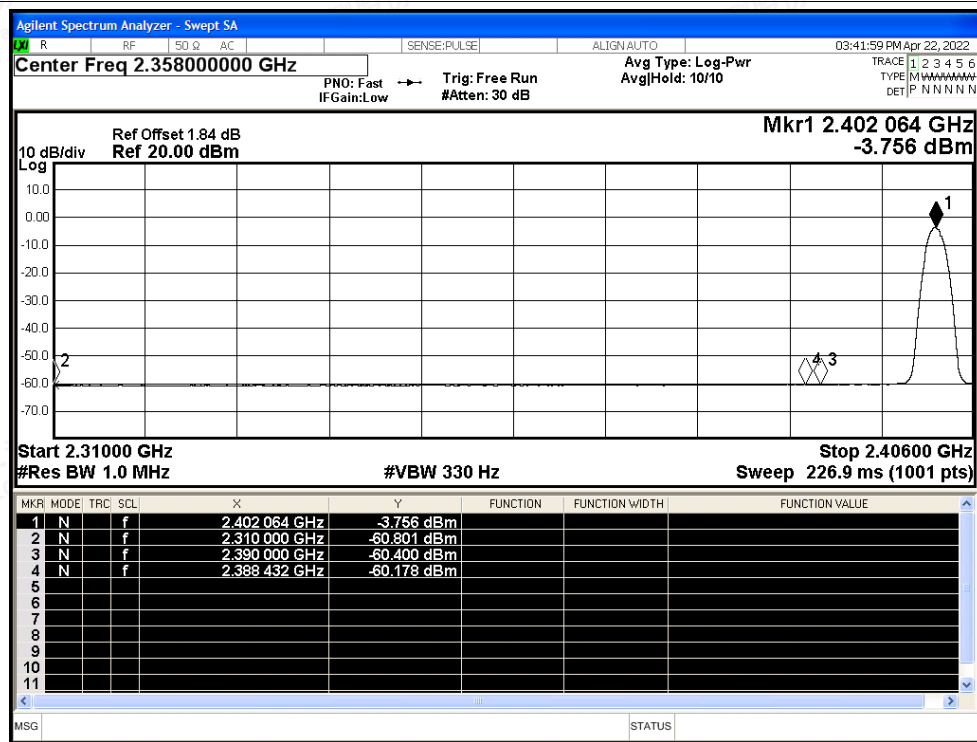




Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Peak



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



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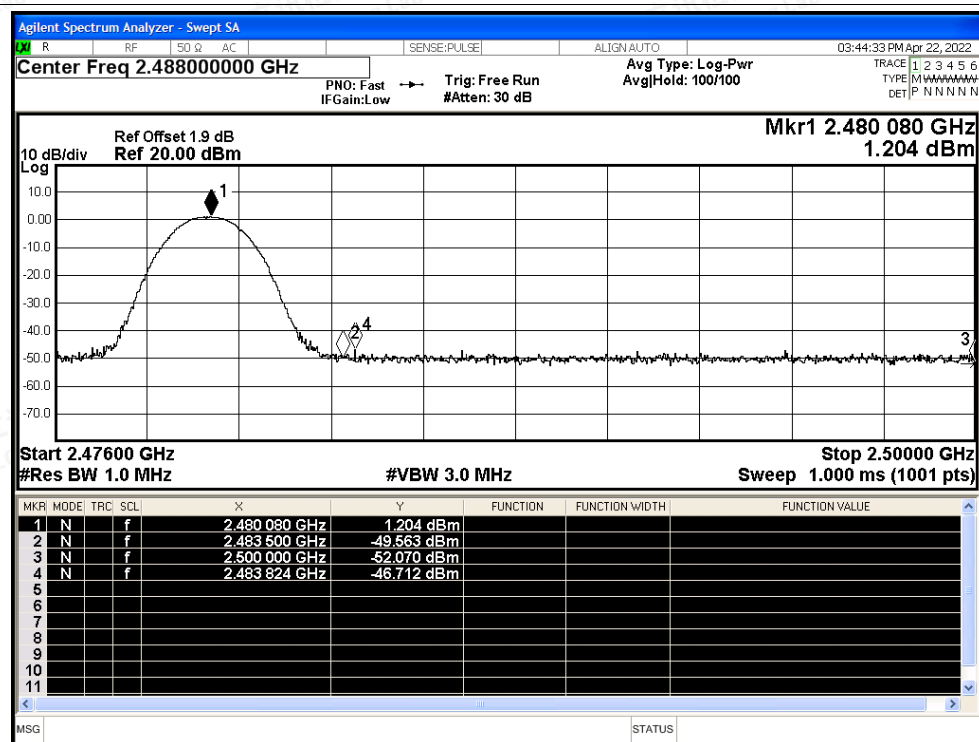
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Restrict Band NVNT 3-DH5 2480MHz Ant1 No-Hopping Average

