

Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Tablet

Test Model: TAB10

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Nick Peng
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	1.023	N/A	Pass
NVNT	1-DH5	2441	Ant1	1.041	N/A	Pass
NVNT	1-DH5	2480	Ant1	1.045	N/A	Pass
NVNT	2-DH5	2402	Ant1	1.322	N/A	Pass
NVNT	2-DH5	2441	Ant1	1.305	N/A	Pass
NVNT	2-DH5	2480	Ant1	1.285	N/A	Pass
NVNT	3-DH5	2402	Ant1	1.337	N/A	Pass
NVNT	3-DH5	2441	Ant1	1.297	N/A	Pass
NVNT	3-DH5	2480	Ant1	1.325	N/A	Pass



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Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1

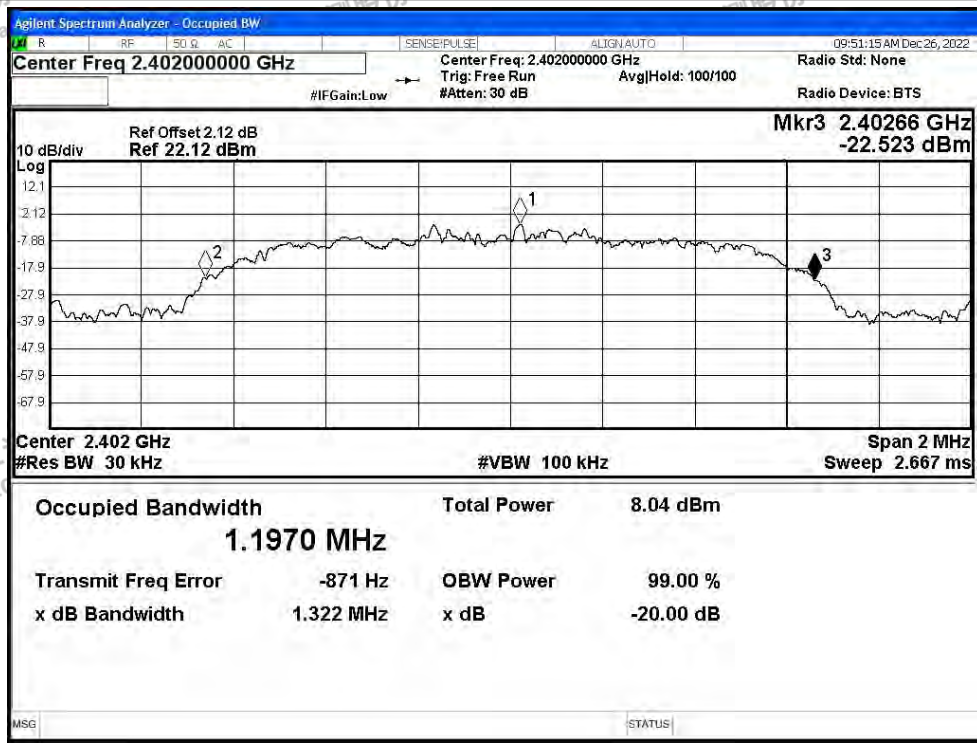




-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1

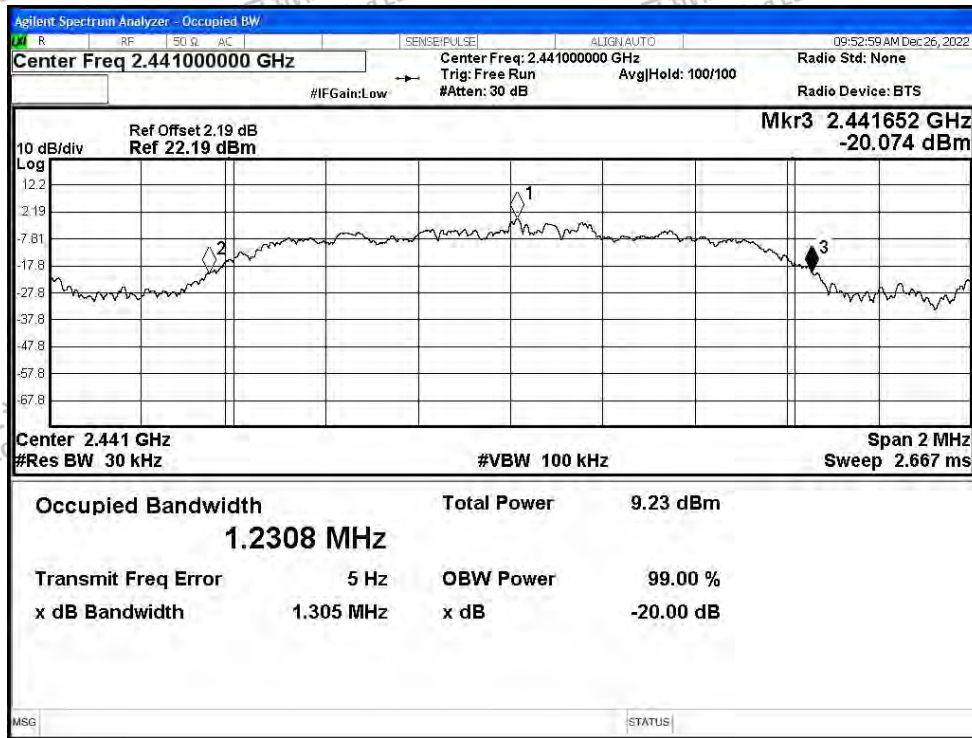


-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1

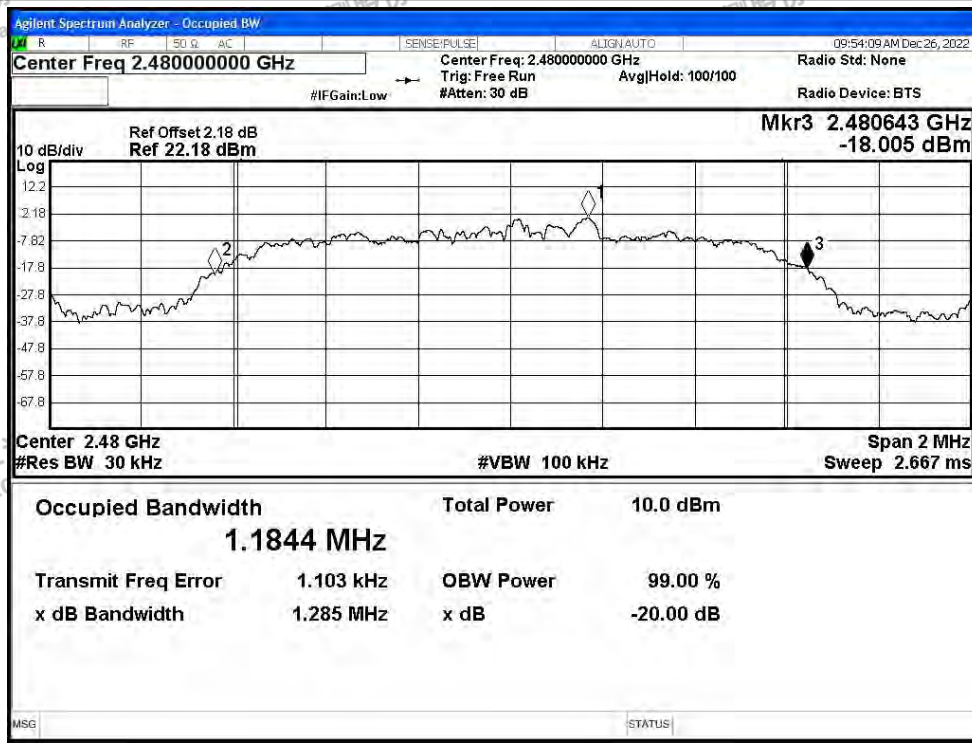




-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1

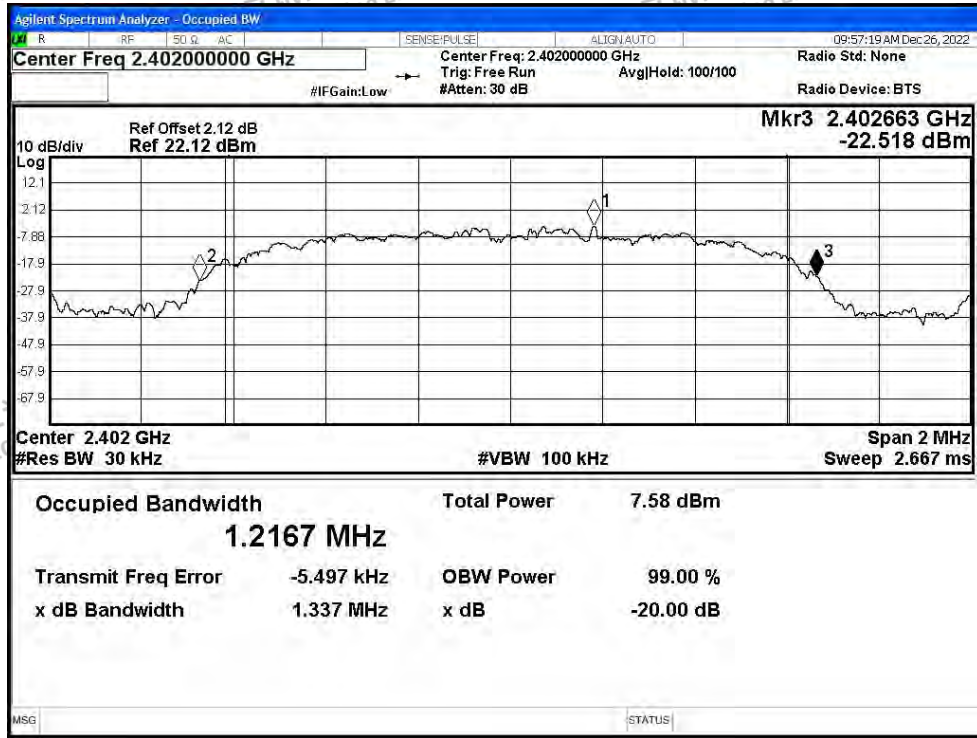


-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1

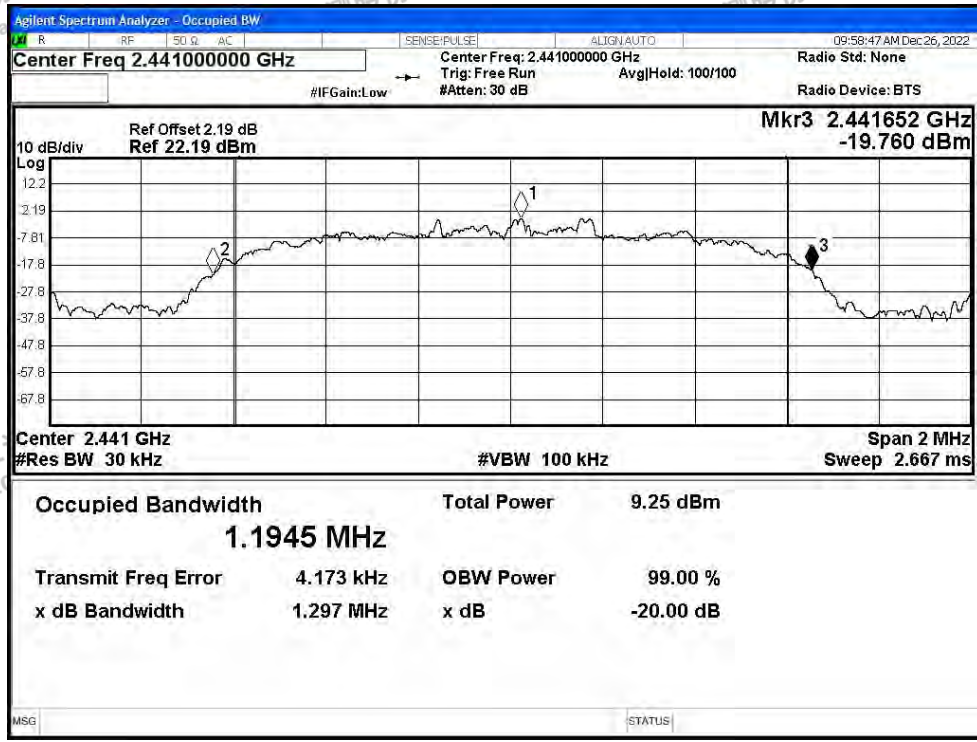




-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1

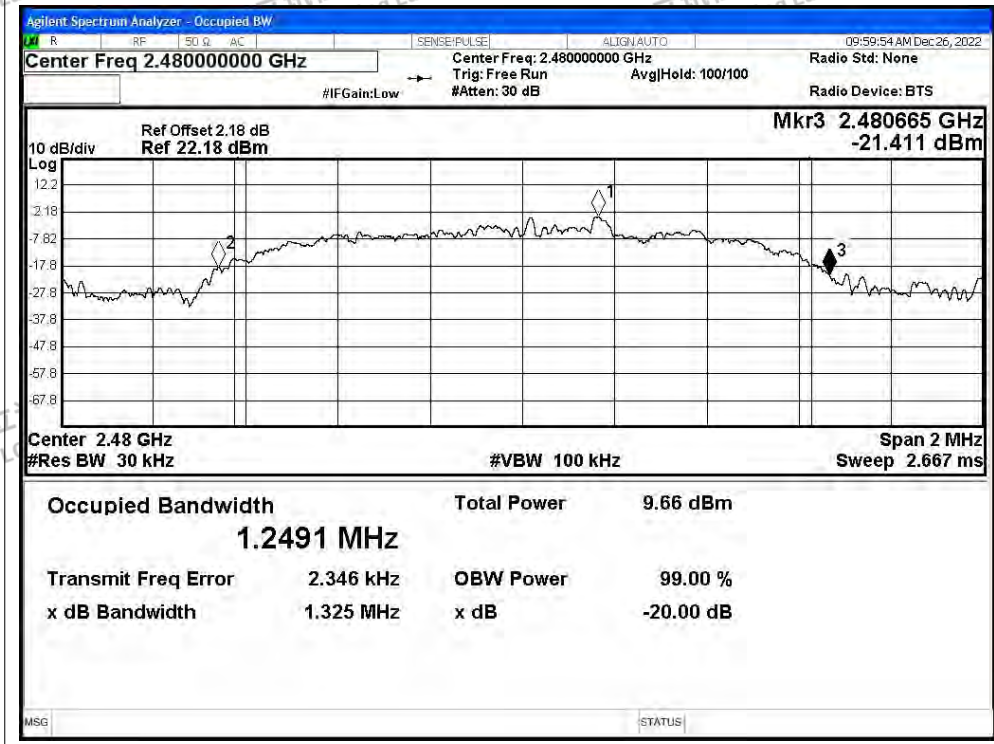


-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1





-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1



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A.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	3.7	21	Pass
NVNT	1-DH5	2441	Ant1	5.06	21	Pass
NVNT	1-DH5	2480	Ant1	5.84	21	Pass
NVNT	2-DH5	2402	Ant1	3.29	21	Pass
NVNT	2-DH5	2441	Ant1	4.27	21	Pass
NVNT	2-DH5	2480	Ant1	5.23	21	Pass
NVNT	3-DH5	2402	Ant1	3.13	21	Pass
NVNT	3-DH5	2441	Ant1	4.37	21	Pass
NVNT	3-DH5	2480	Ant1	5.08	21	Pass

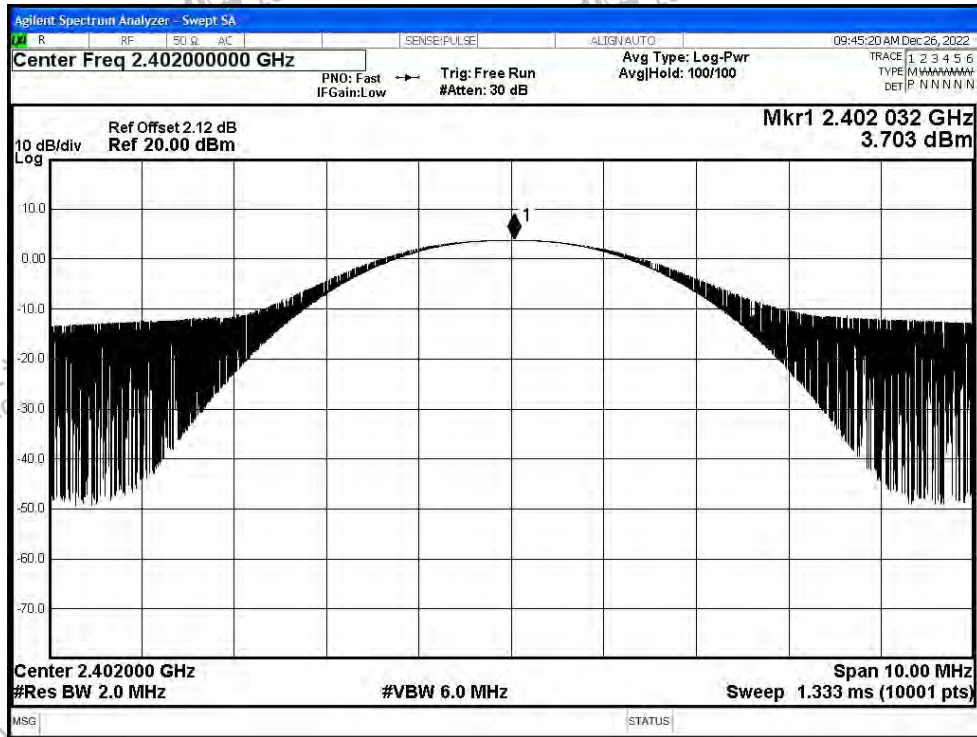


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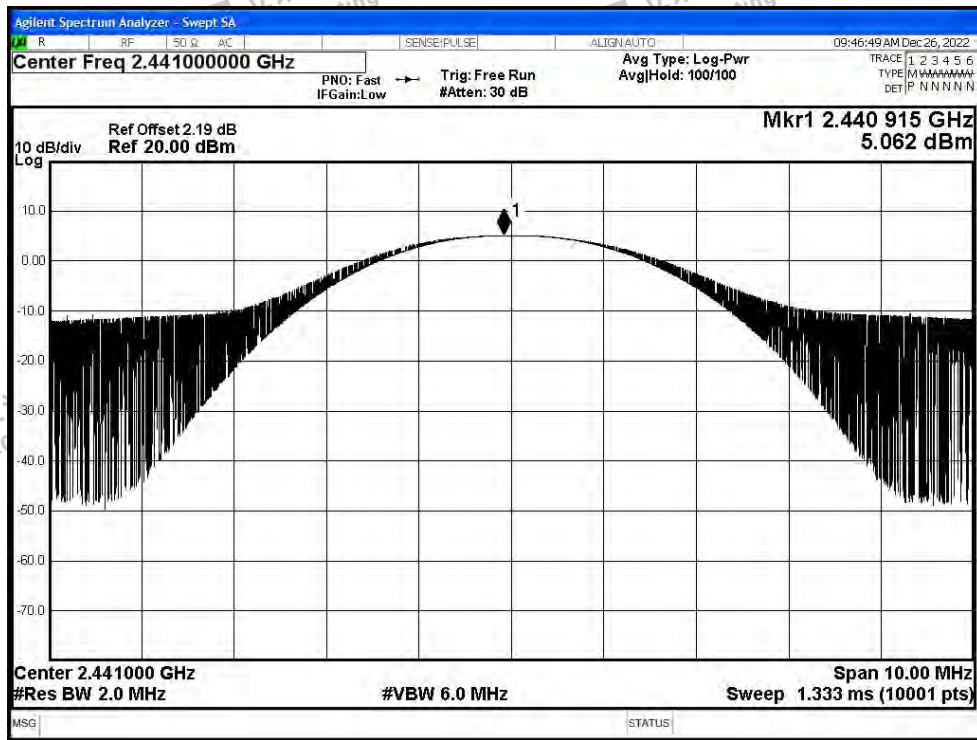


Test Graphs

Power NVNT 1-DH5 2402MHz Ant1

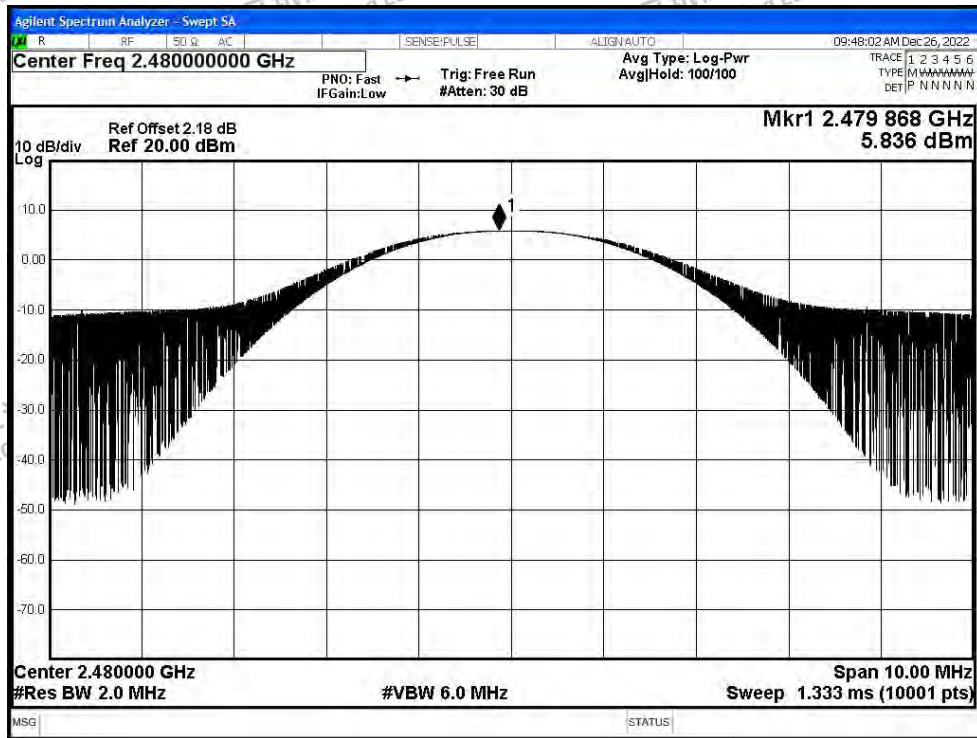


Power NVNT 1-DH5 2441MHz Ant1

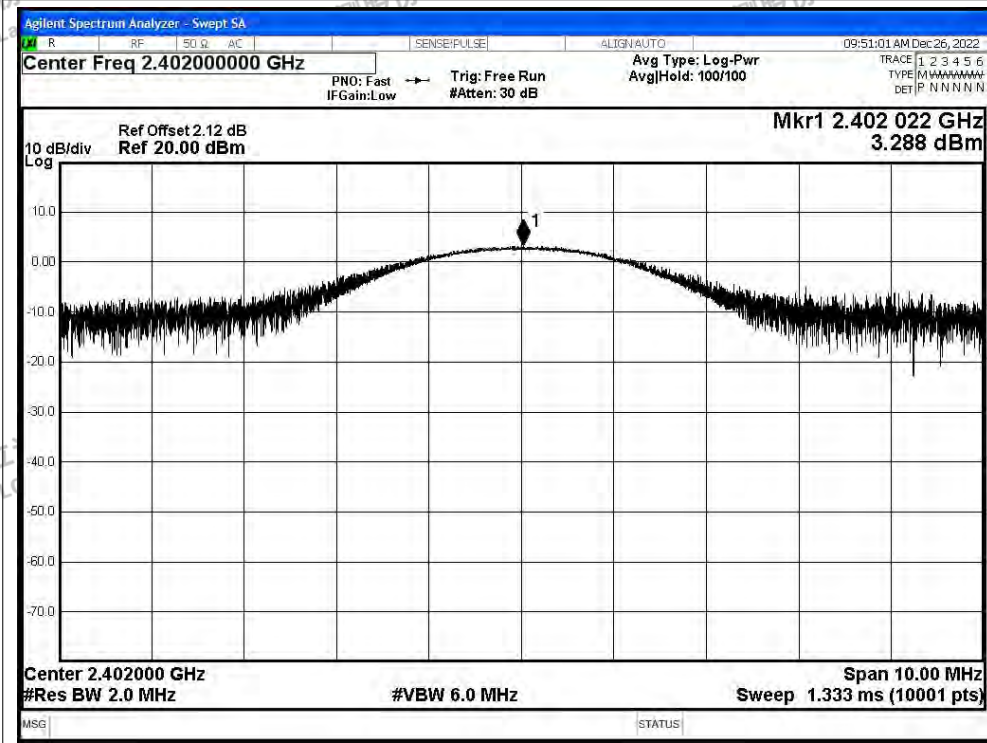




Power NVNT 1-DH5 2480MHz Ant1

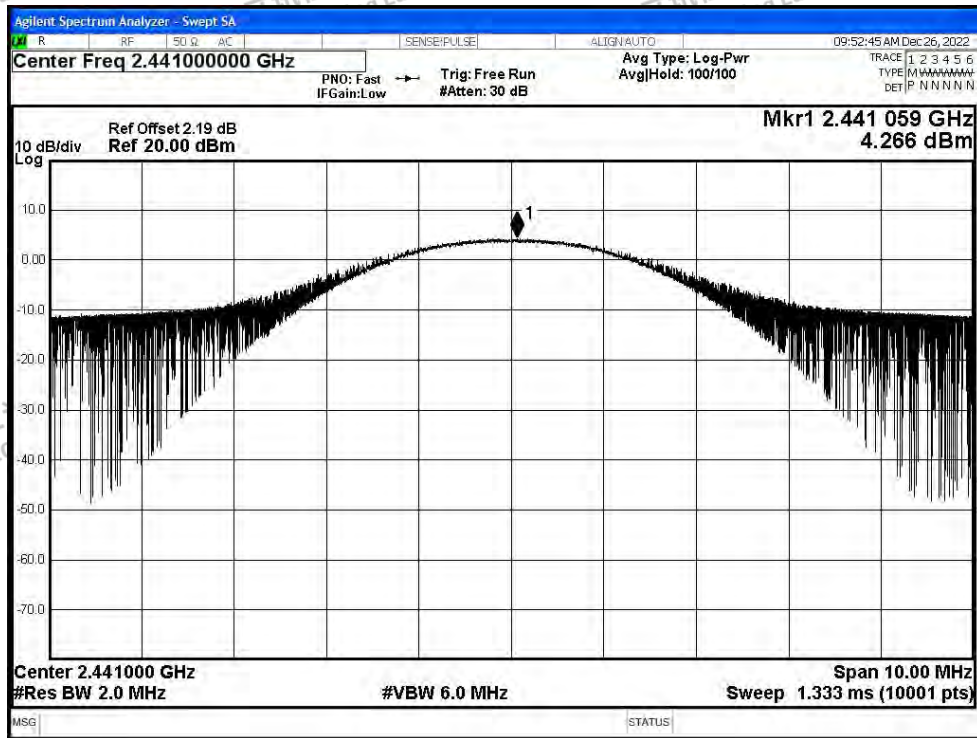


Power NVNT 2-DH5 2402MHz Ant1

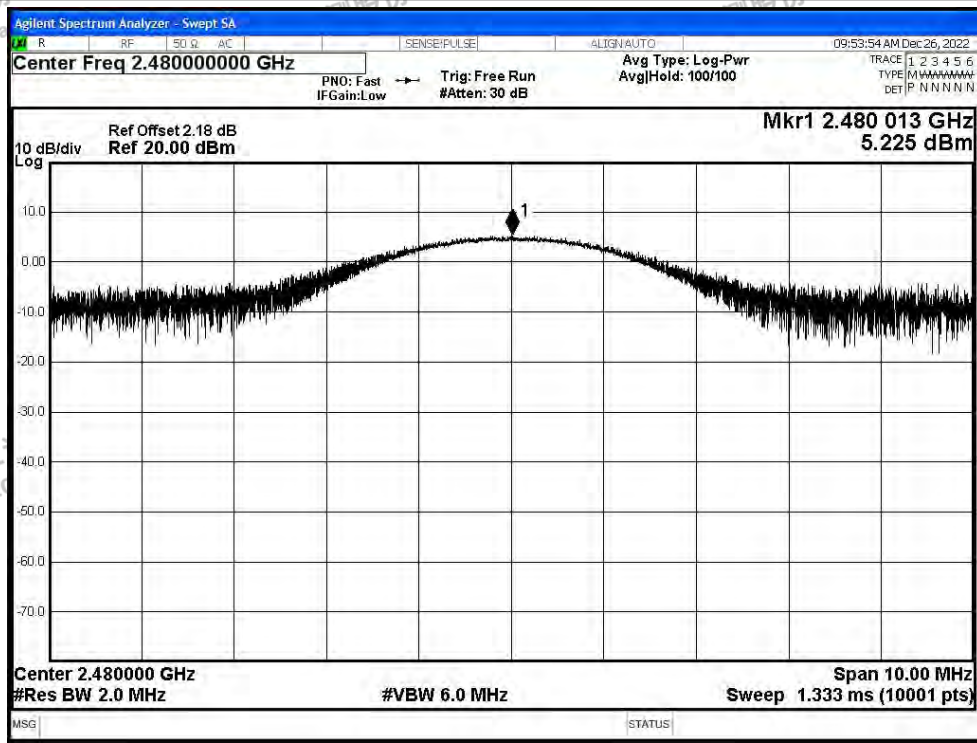




Power NVNT 2-DH5 2441MHz Ant1

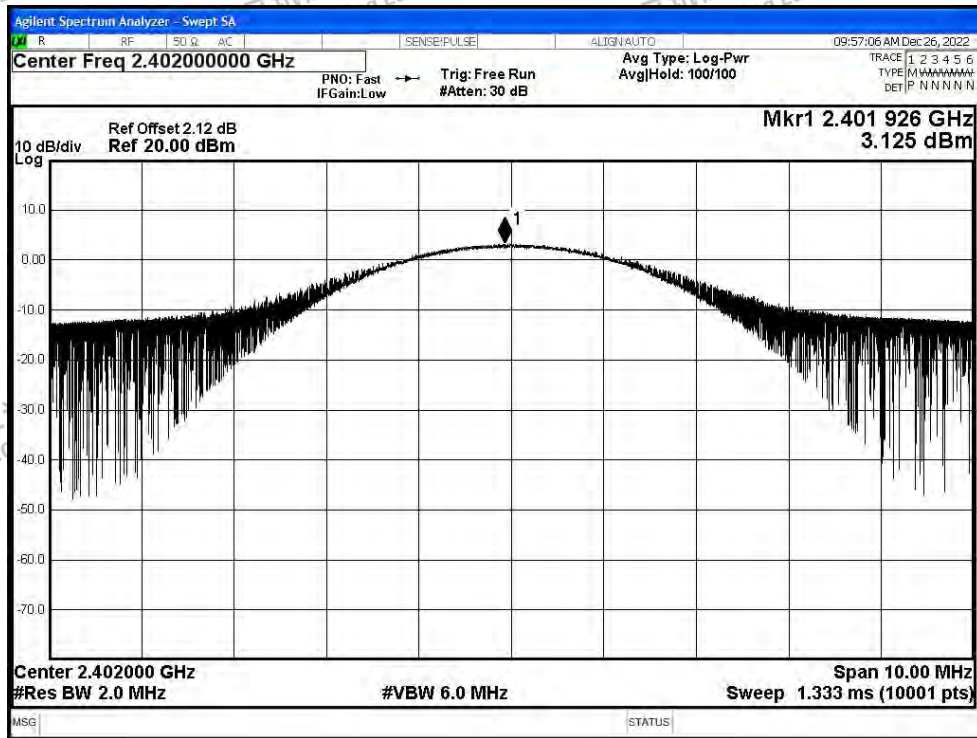


Power NVNT 2-DH5 2480MHz Ant1

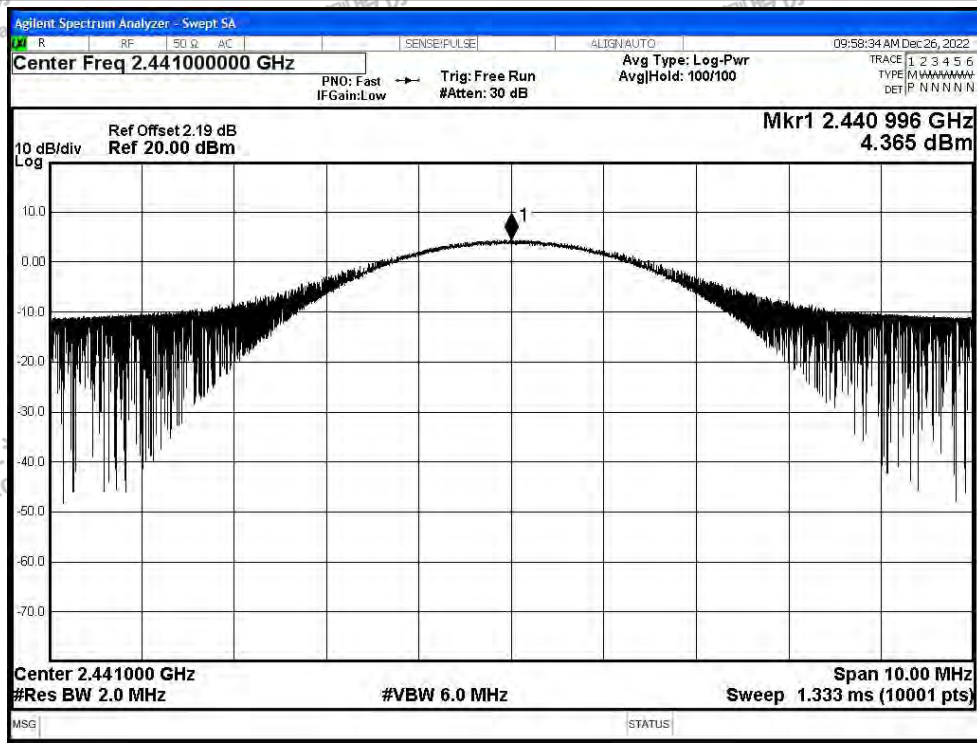




Power NVNT 3-DH5 2402MHz Ant1

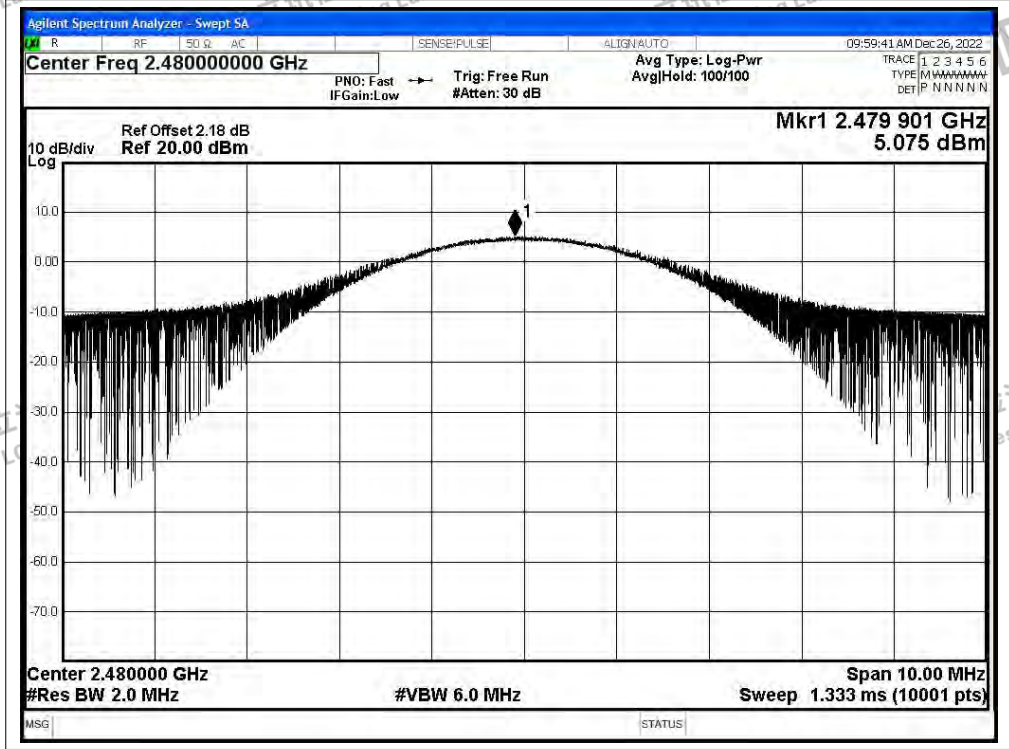


Power NVNT 3-DH5 2441MHz Ant1





Power NVNT 3-DH5 2480MHz Ant1



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A.3 Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2402.012	2403.014	1.002	0.697	Pass
NVNT	2-DH5	Ant1	2402.166	2403.166	1.000	0.882	Pass
NVNT	3-DH5	Ant1	2402.164	2403.164	1.000	0.892	Pass

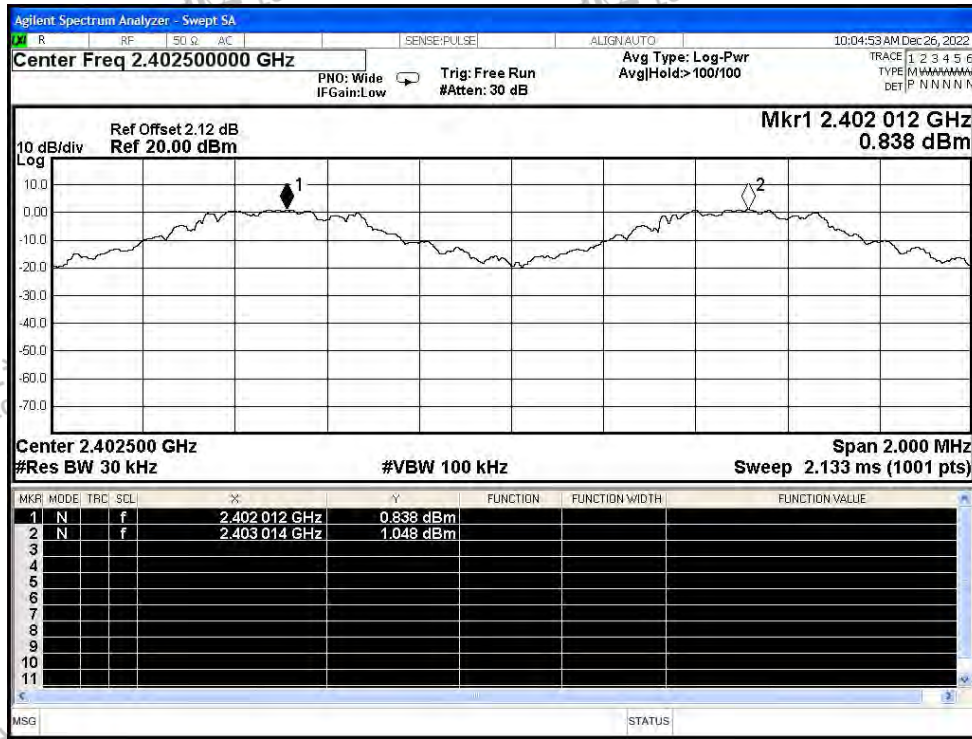


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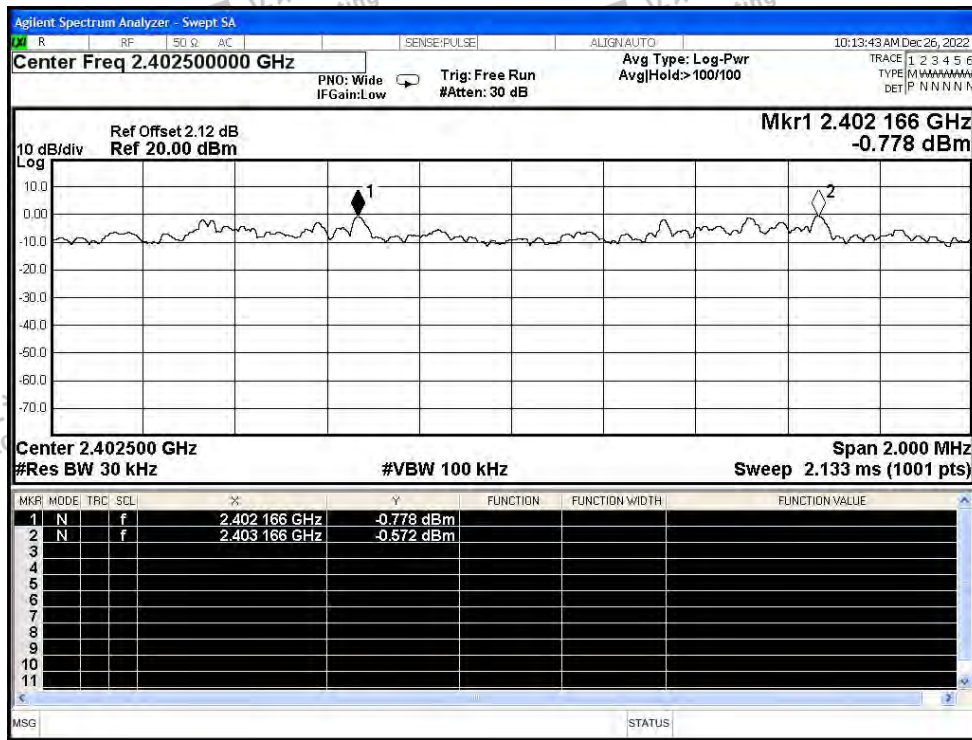


Test Graphs

CFS NVNT 1-DH5 2402MHz Ant1

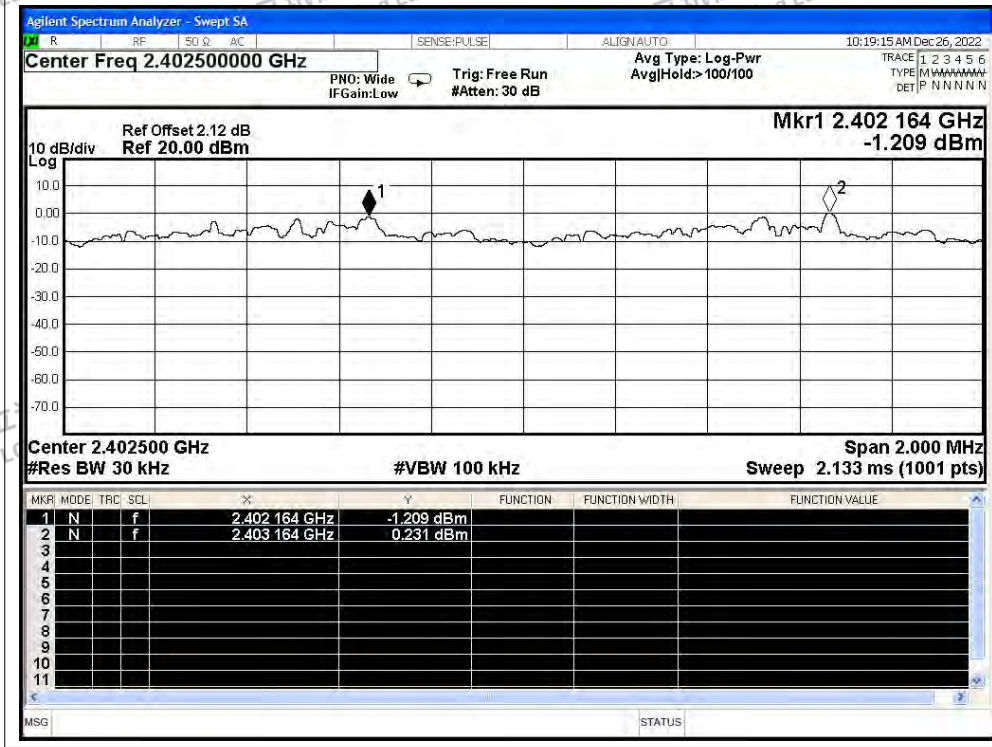


CFS NVNT 2-DH5 2402MHz Ant1





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	302.61	105	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.885	343.315	119	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.887	355.101	123	31600	400	Pass

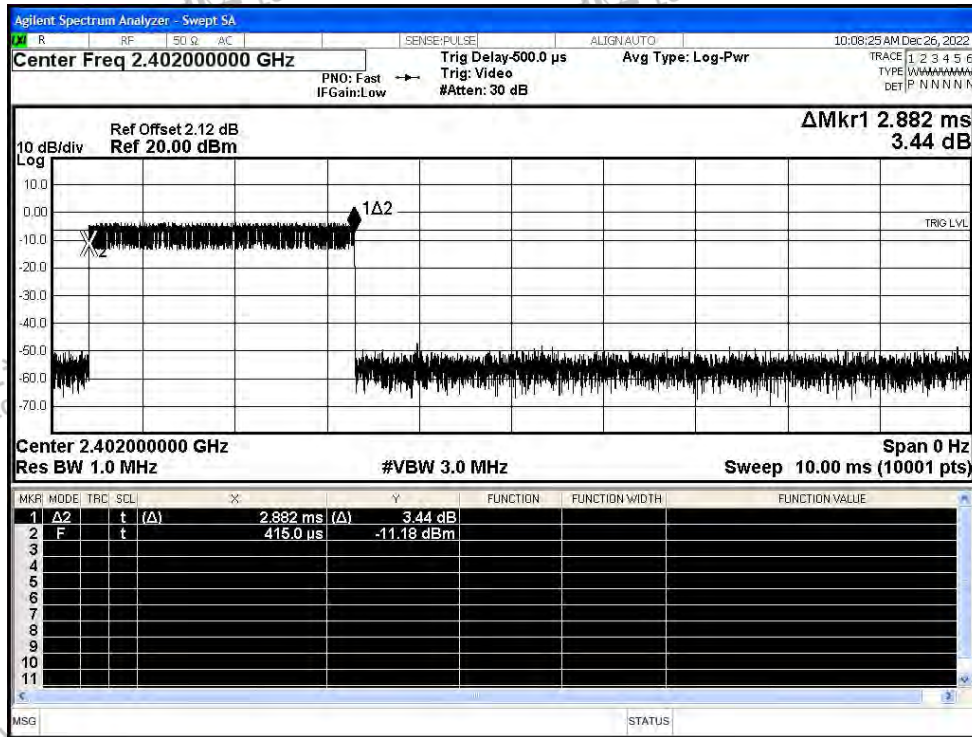


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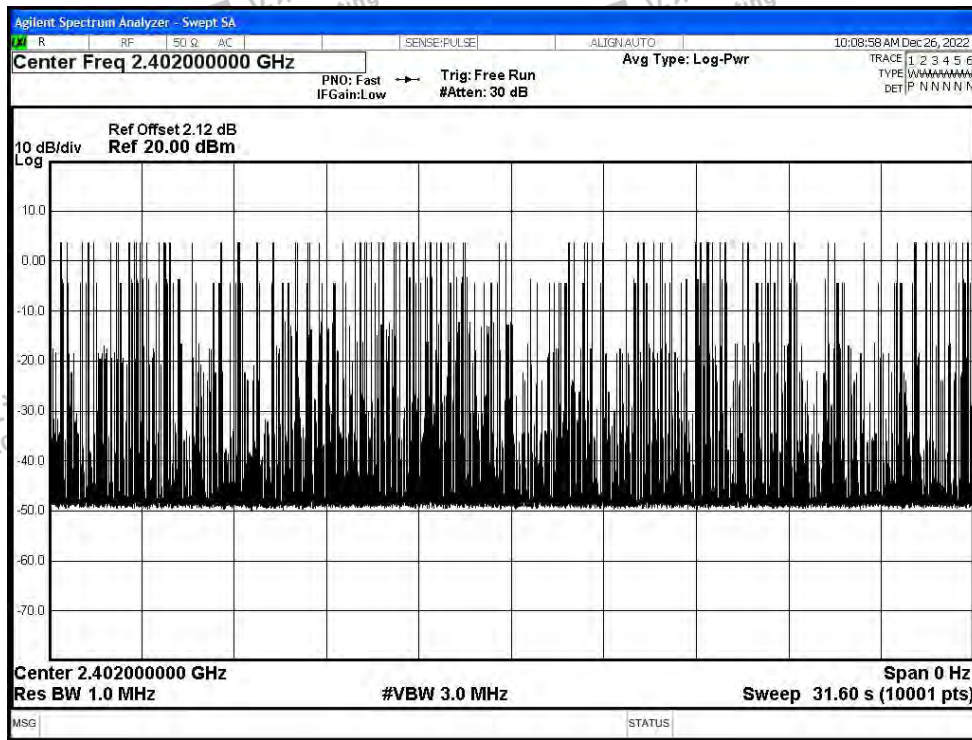


Test Graphs

Dwell-NVNT 1-DH5 2402MHz Ant1 One Burst

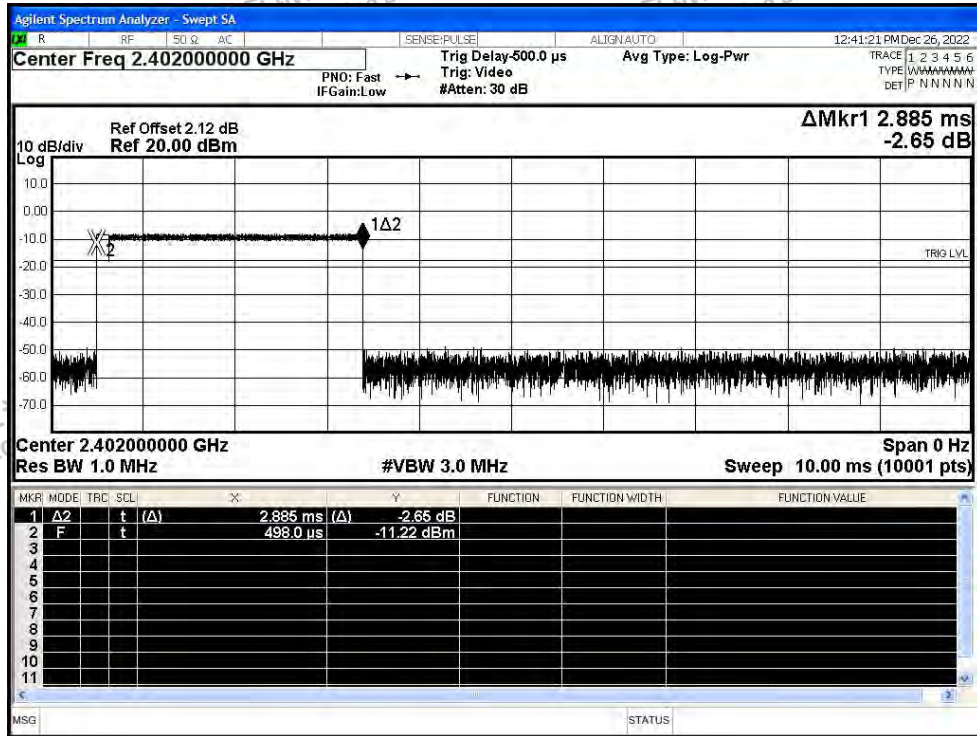


Dwell-NVNT 1-DH5 2402MHz Ant1 Accumulated

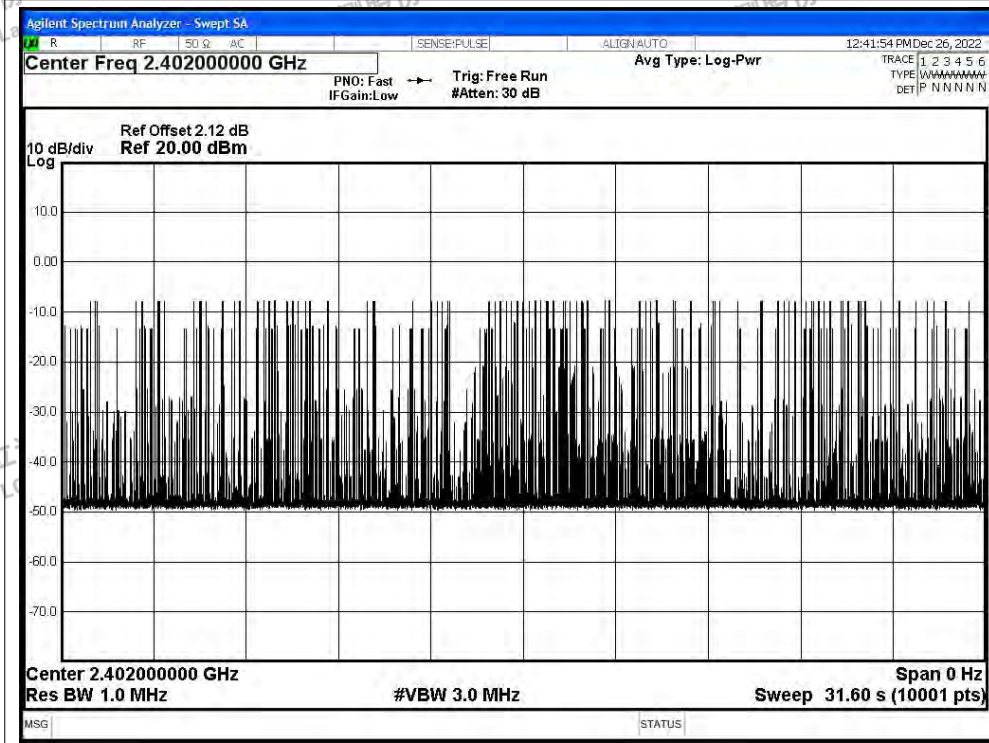




Dwell NVNT 2-DH5 2402MHz Ant1 One Burst

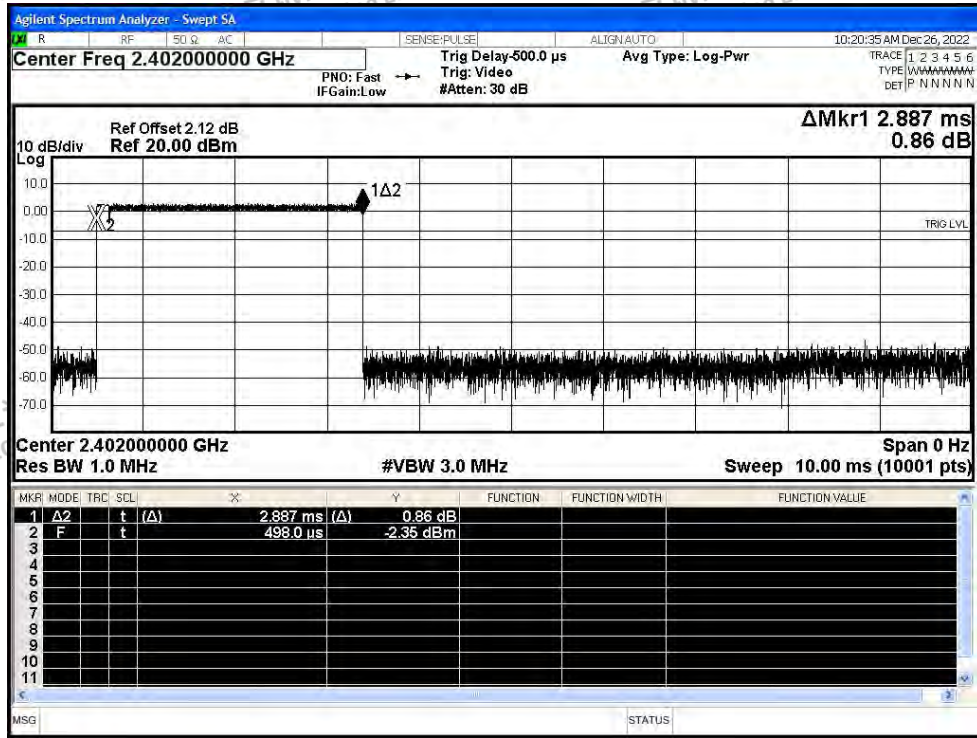


Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated

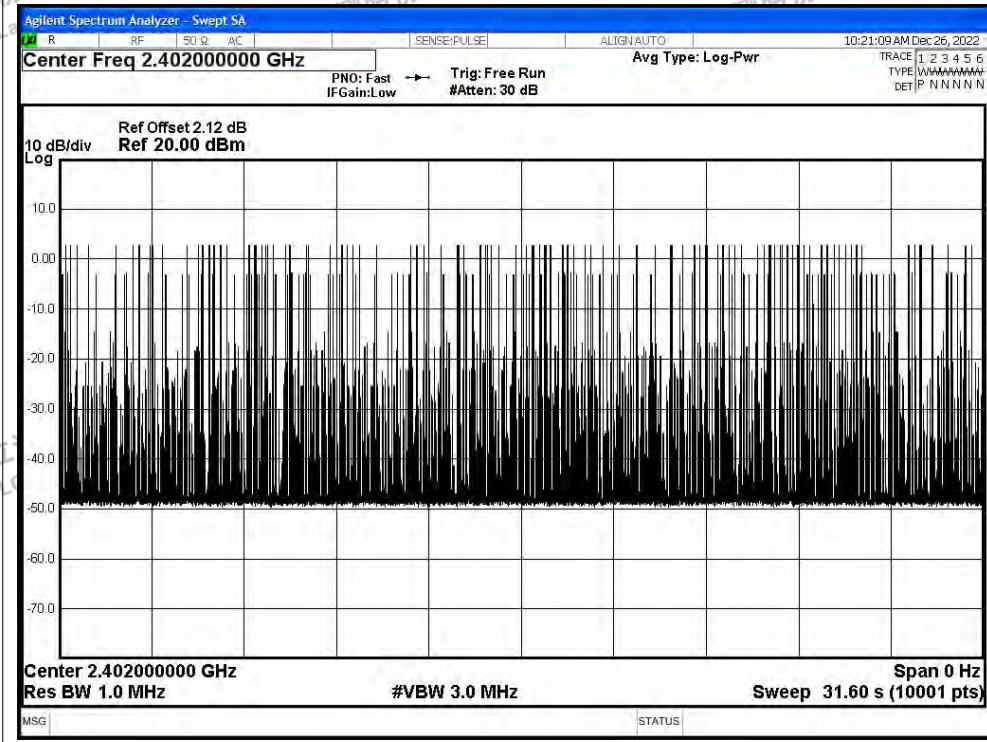




Dwell NVNT 3-DH5 2402MHz Ant1 One Burst



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

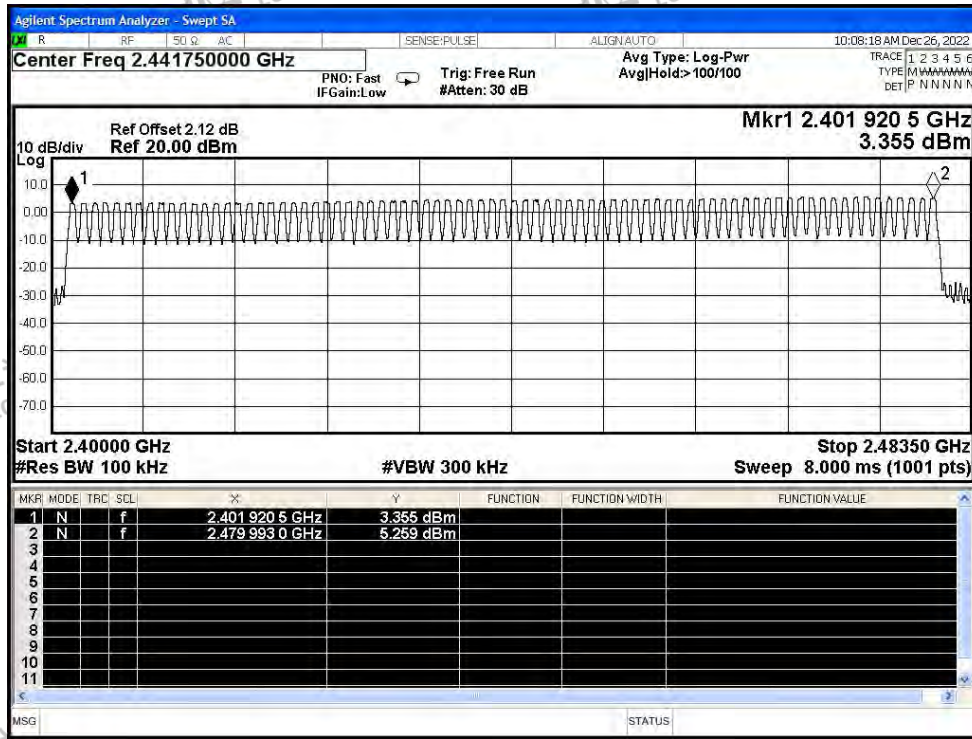


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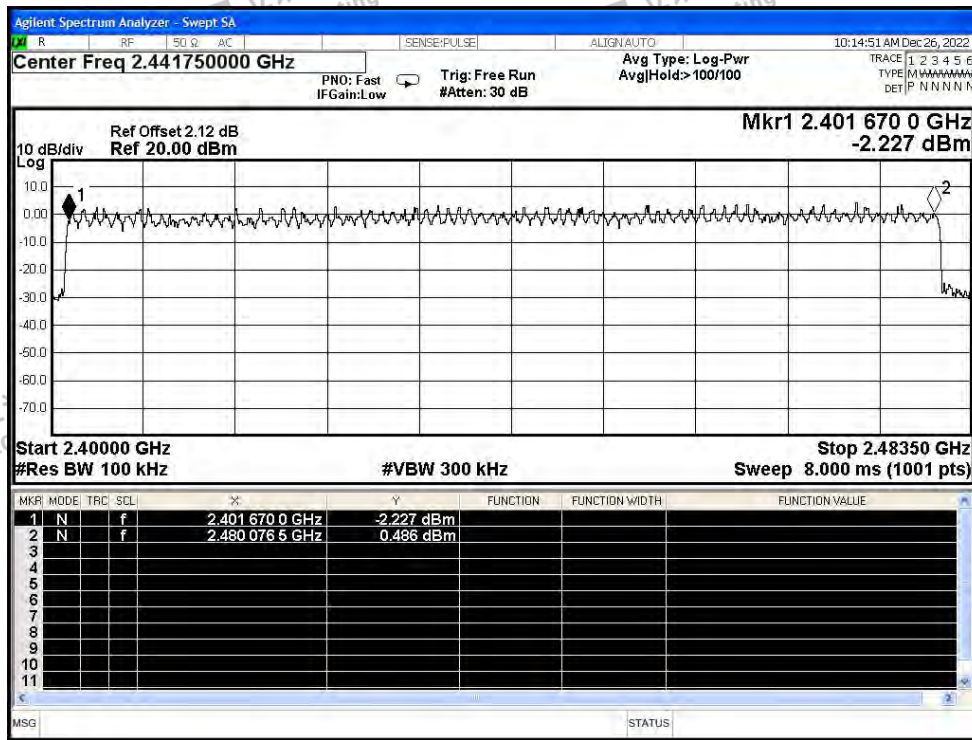


Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant1

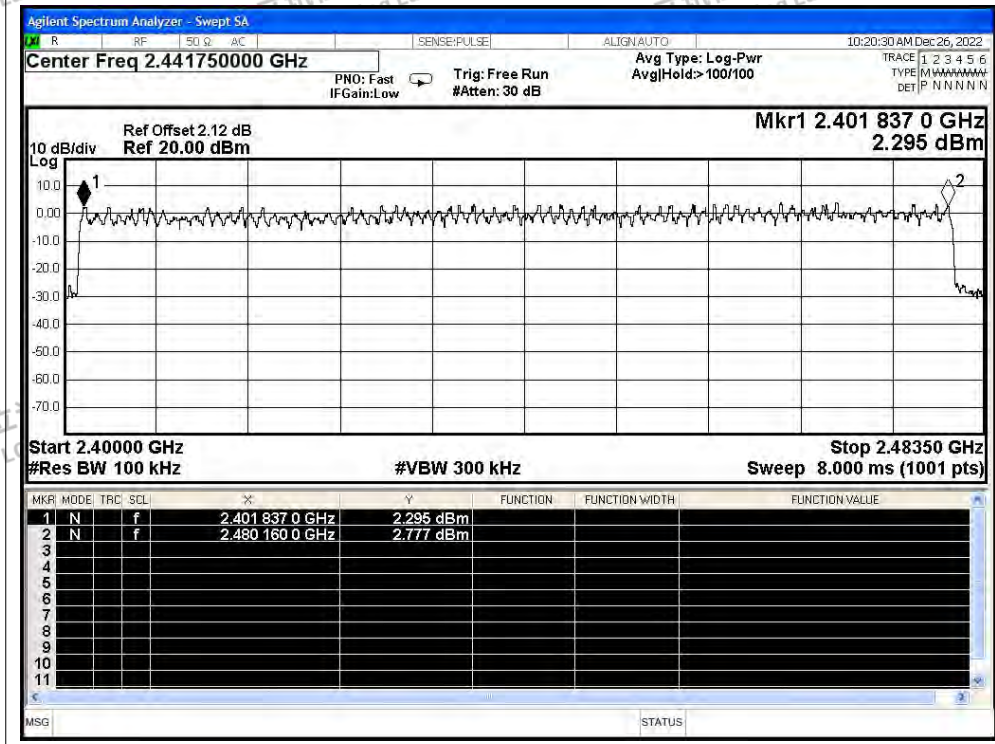


Hopping No. NVNT 2-DH5 2402MHz Ant1





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	-32.98	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-32.8	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-30.68	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-30.18	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-28.72	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-32.3	-20	Pass

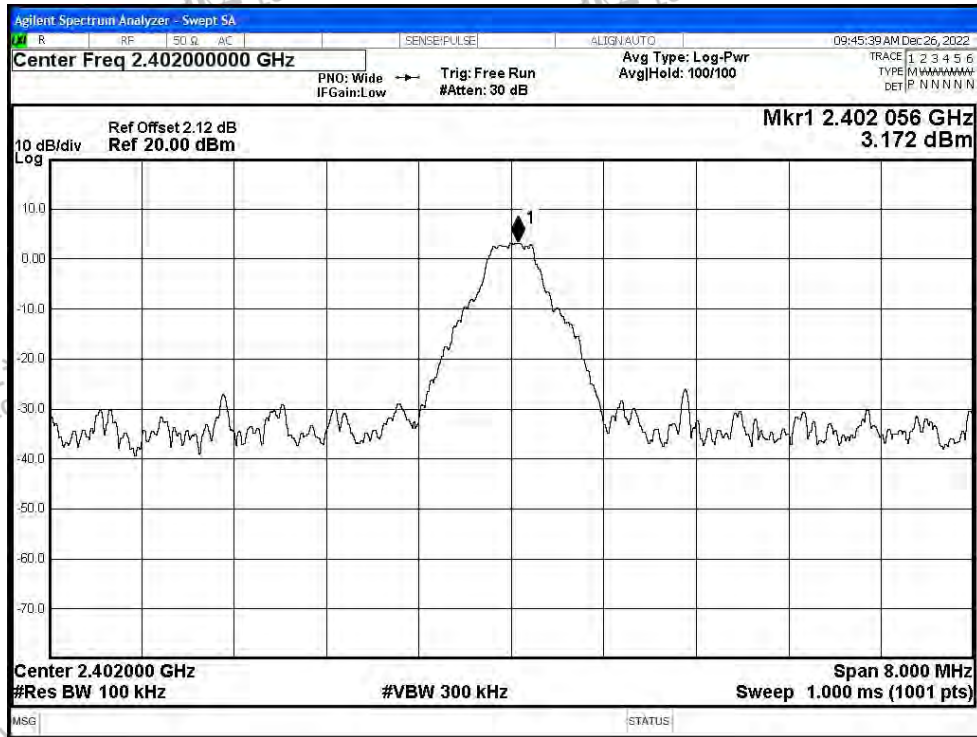


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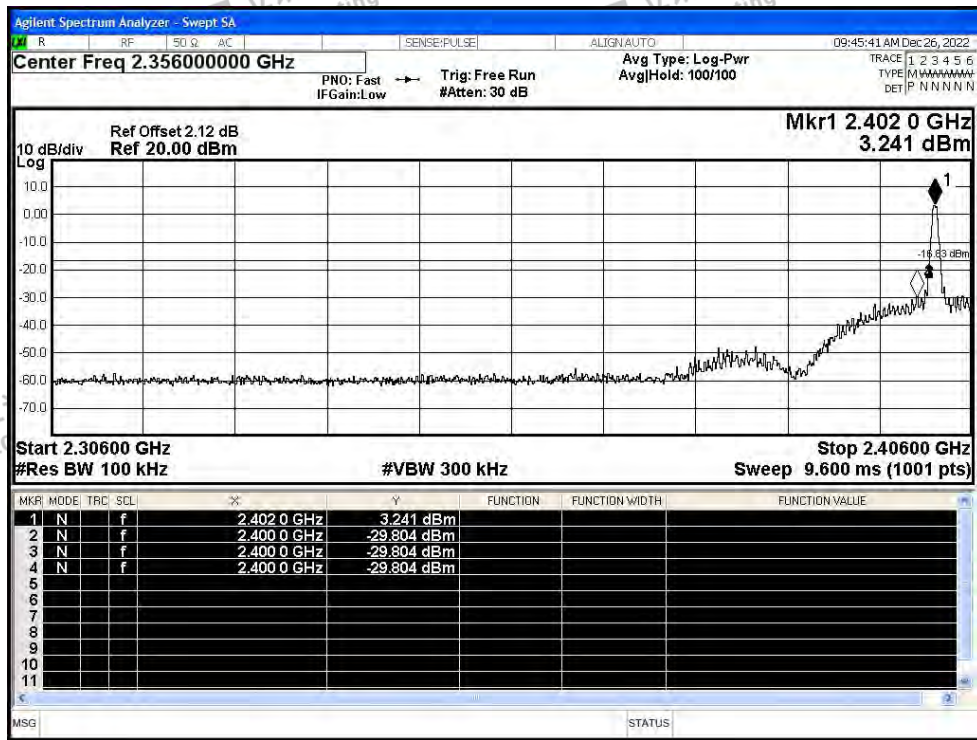


Test Graphs

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

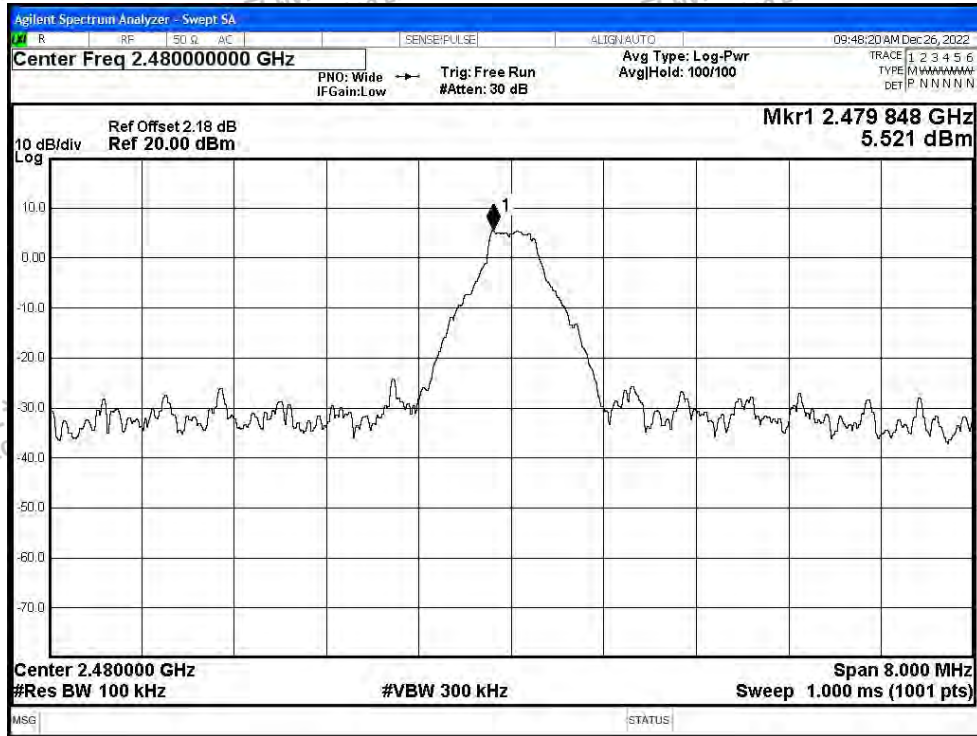


Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission

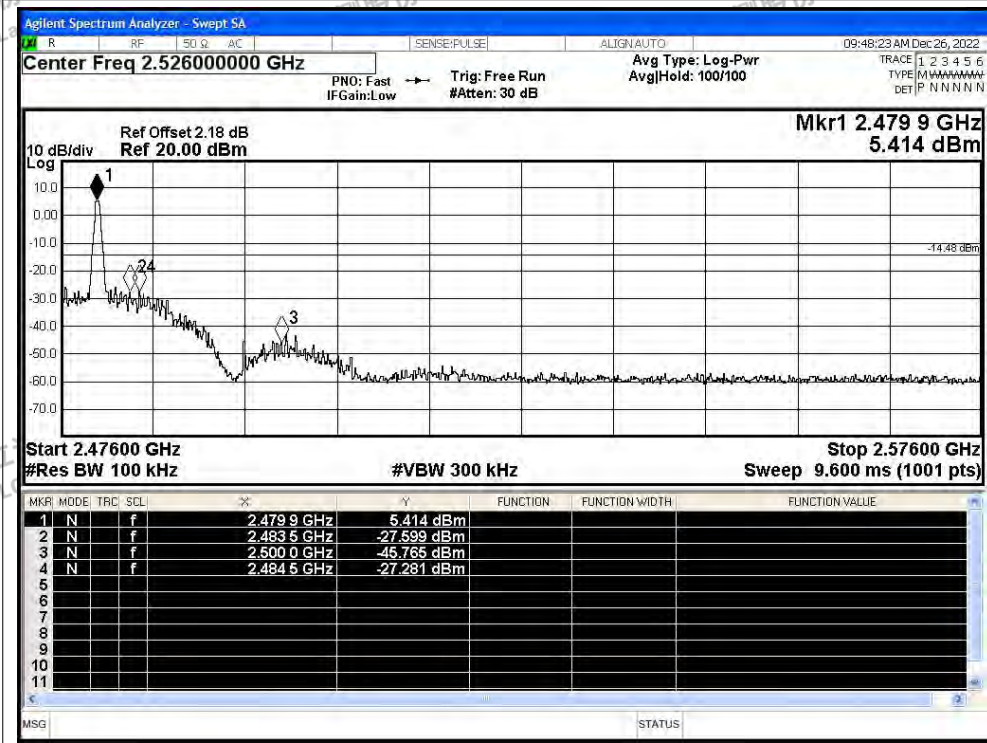




Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref

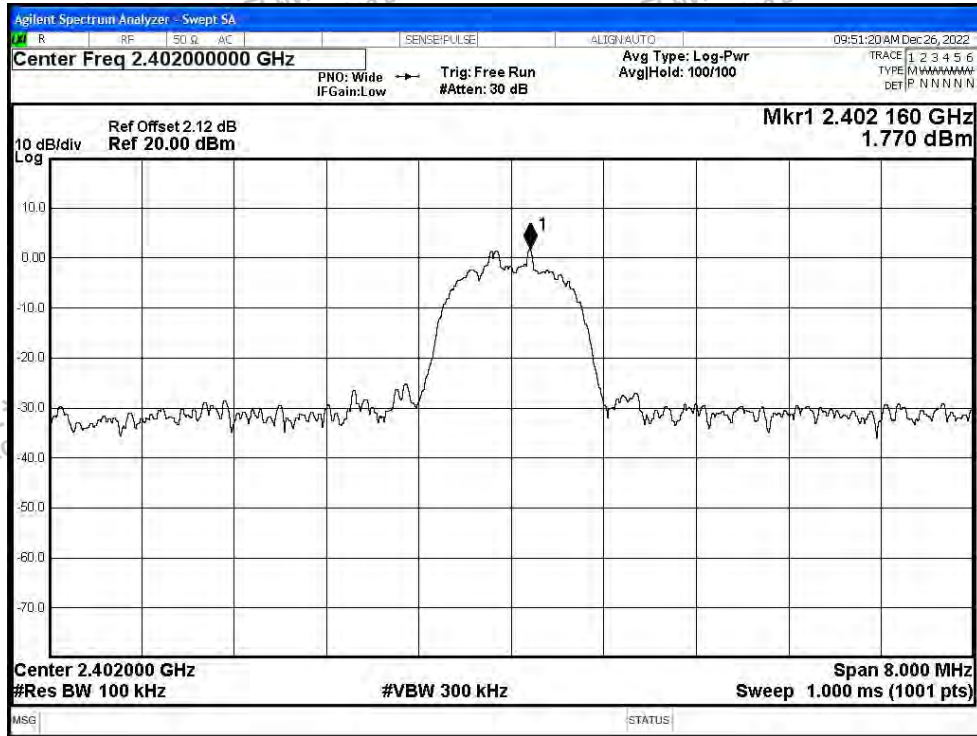


Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission

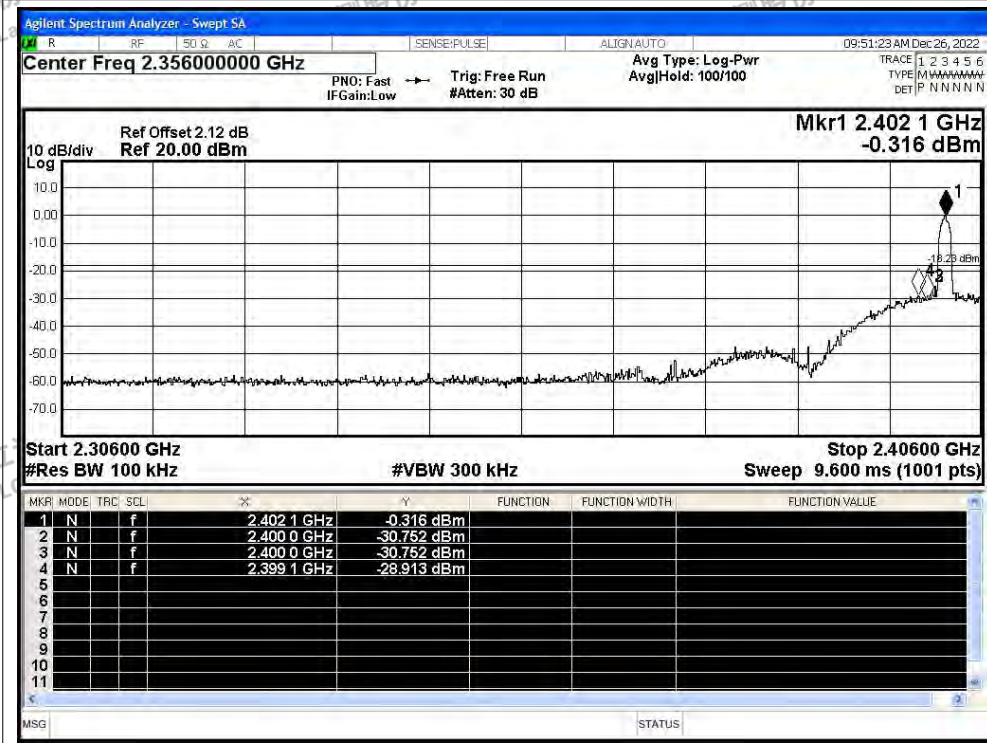




Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref

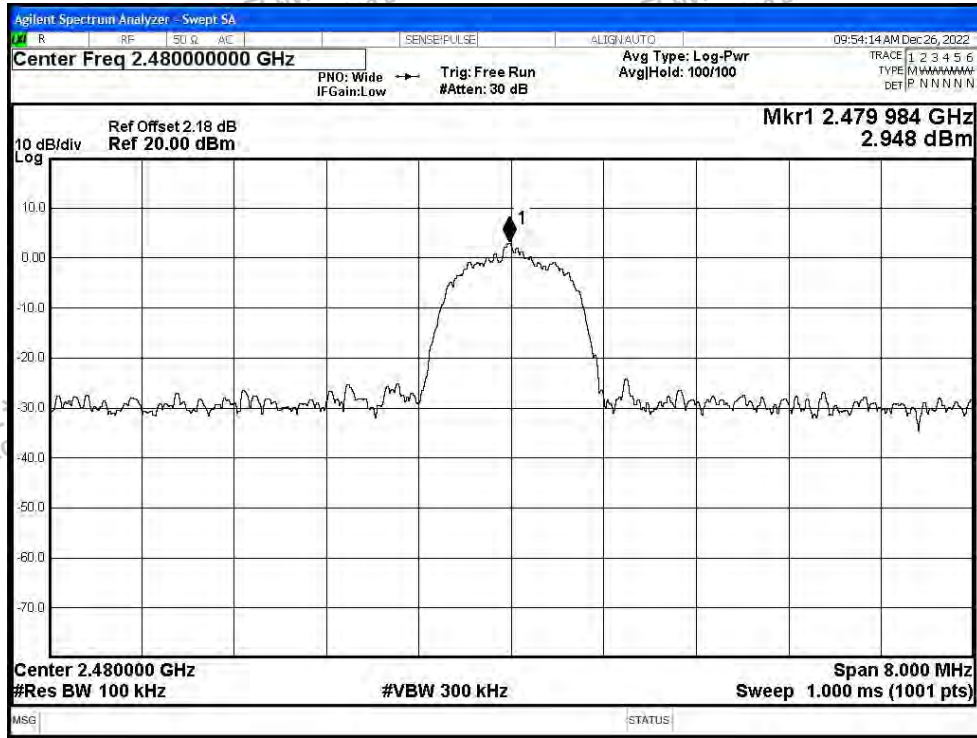


Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission

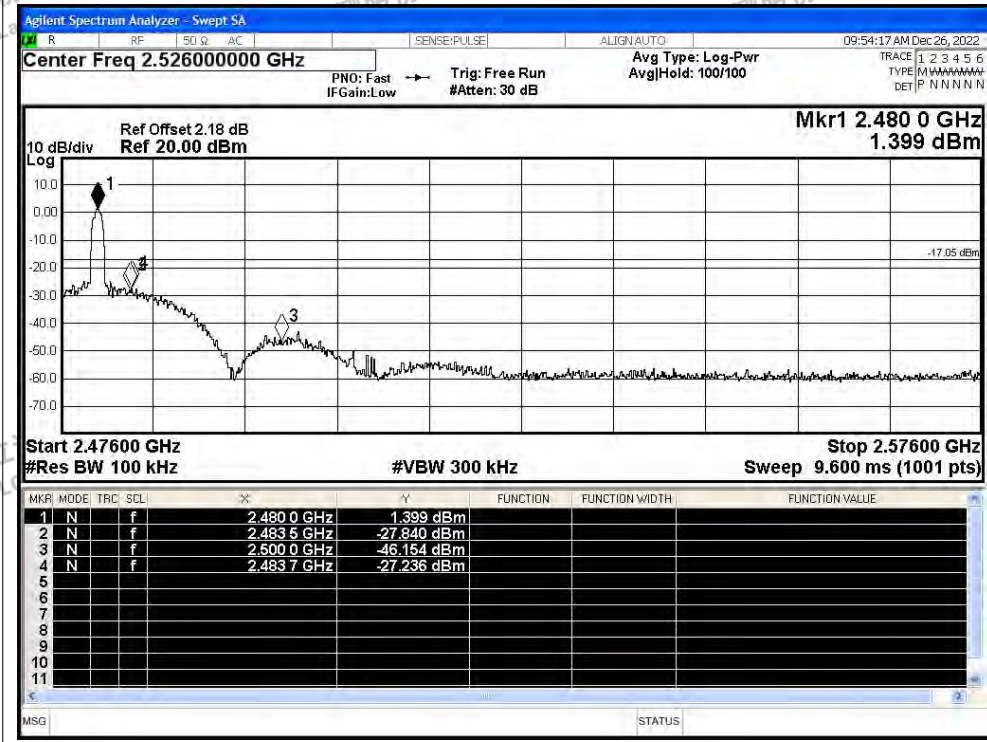




Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref

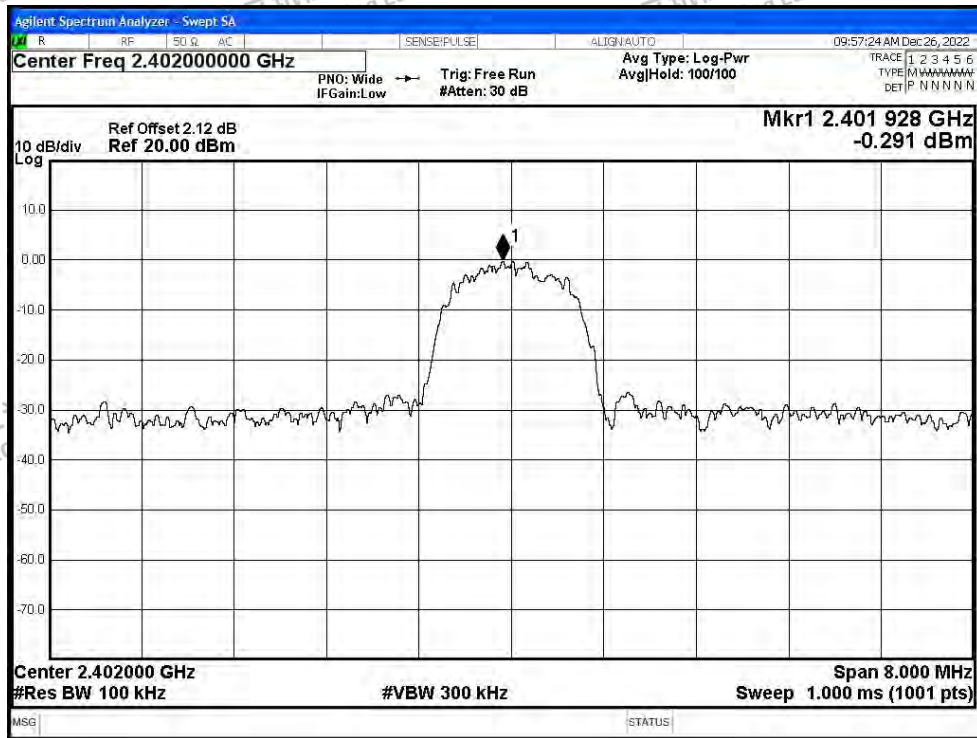


Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission

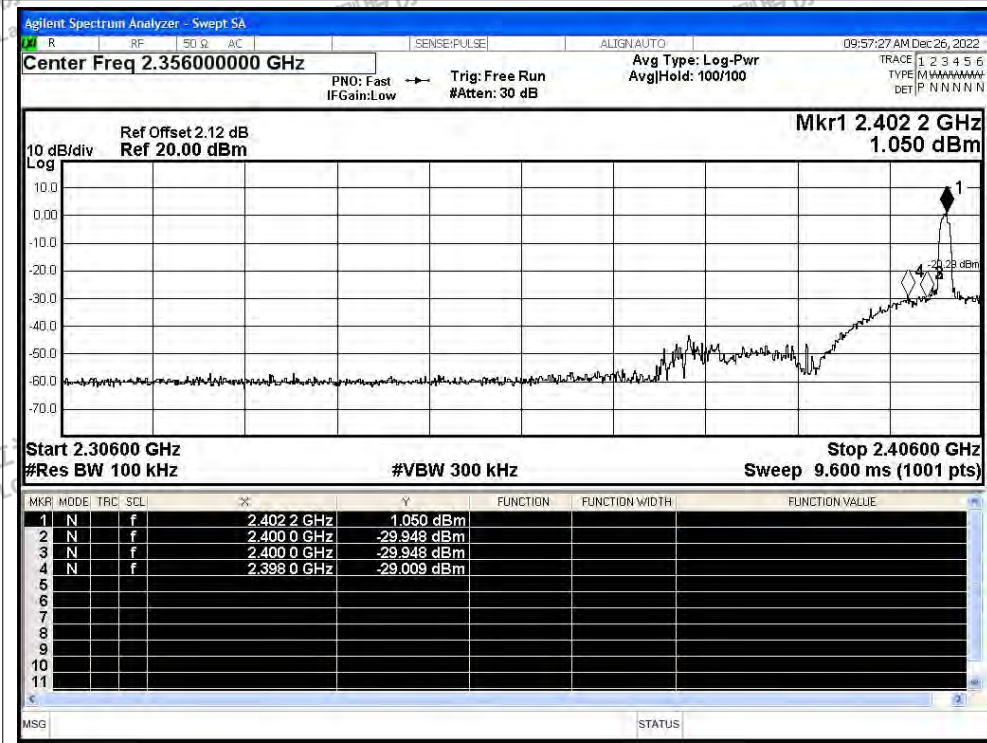




Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref

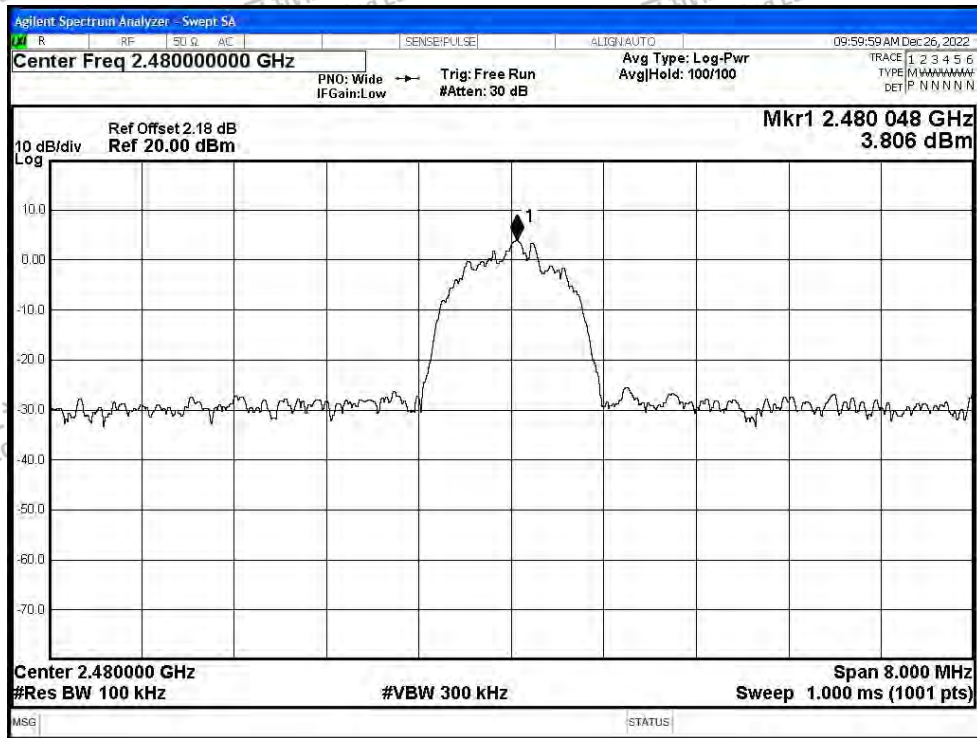


Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission

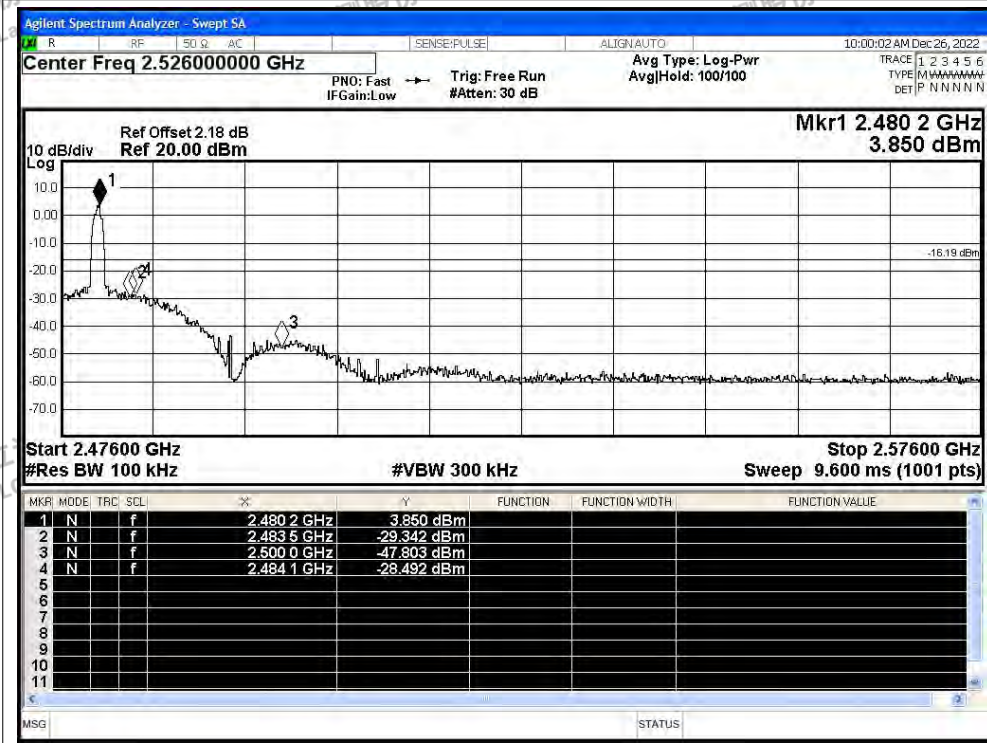




Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref



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	-49.71	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-32.15	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-48.78	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-24.7	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-46.21	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-32.65	-20	Pass

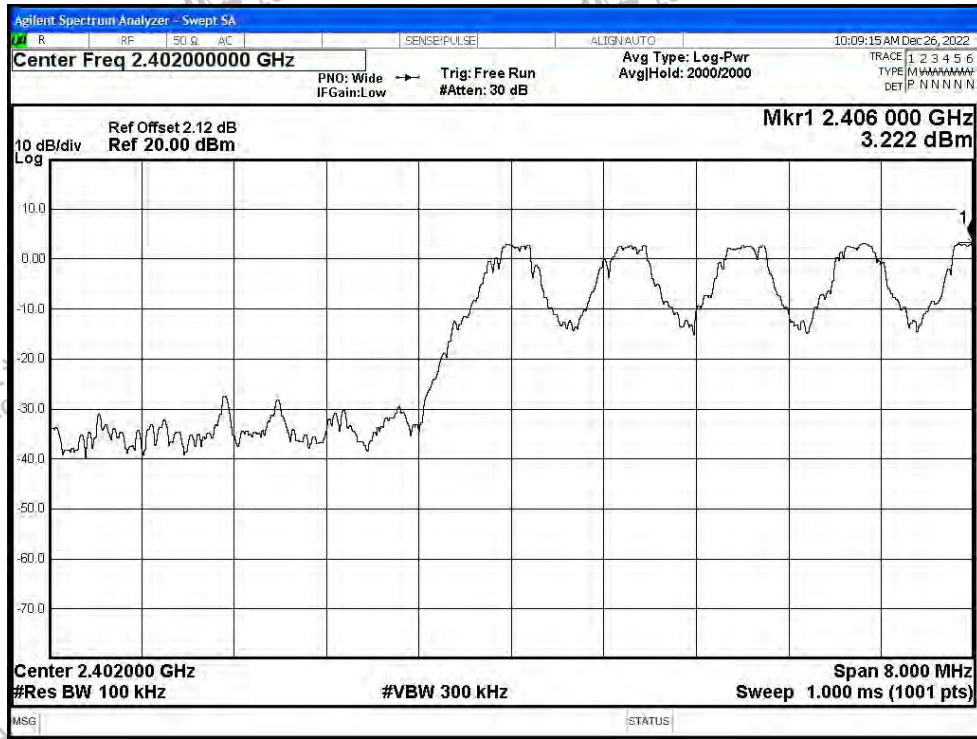


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Test Graphs

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

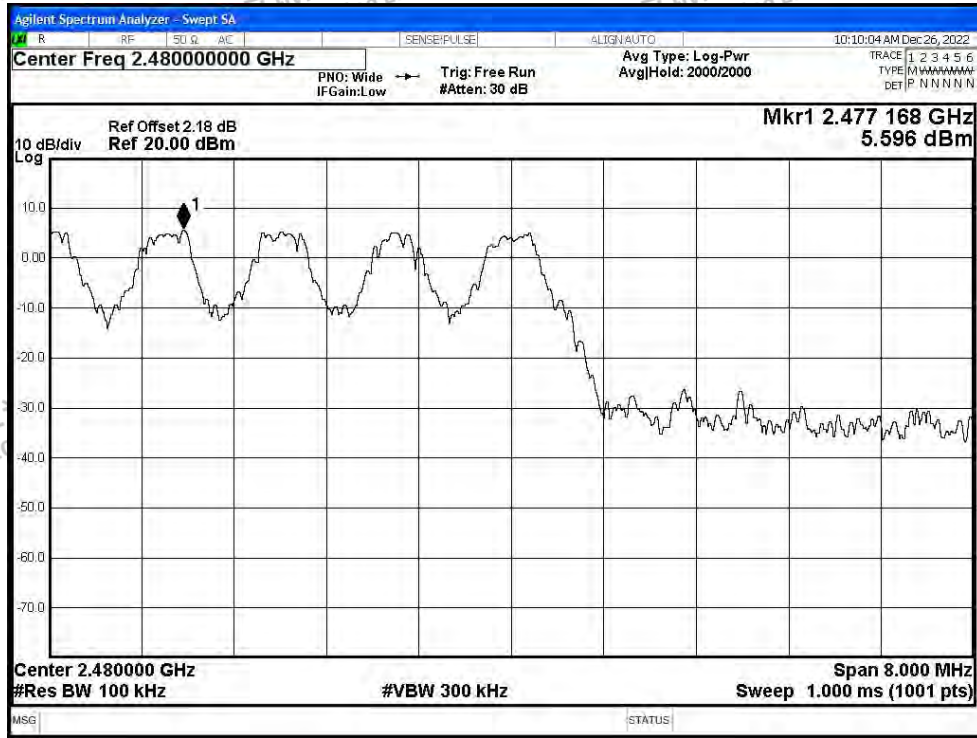


Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission

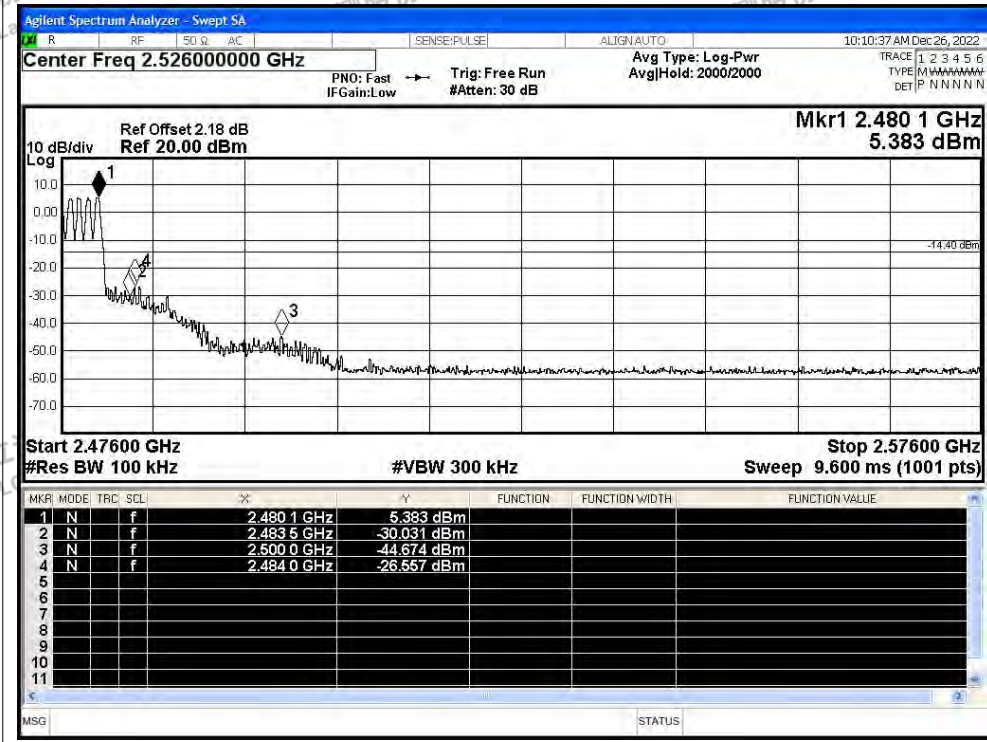




Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



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

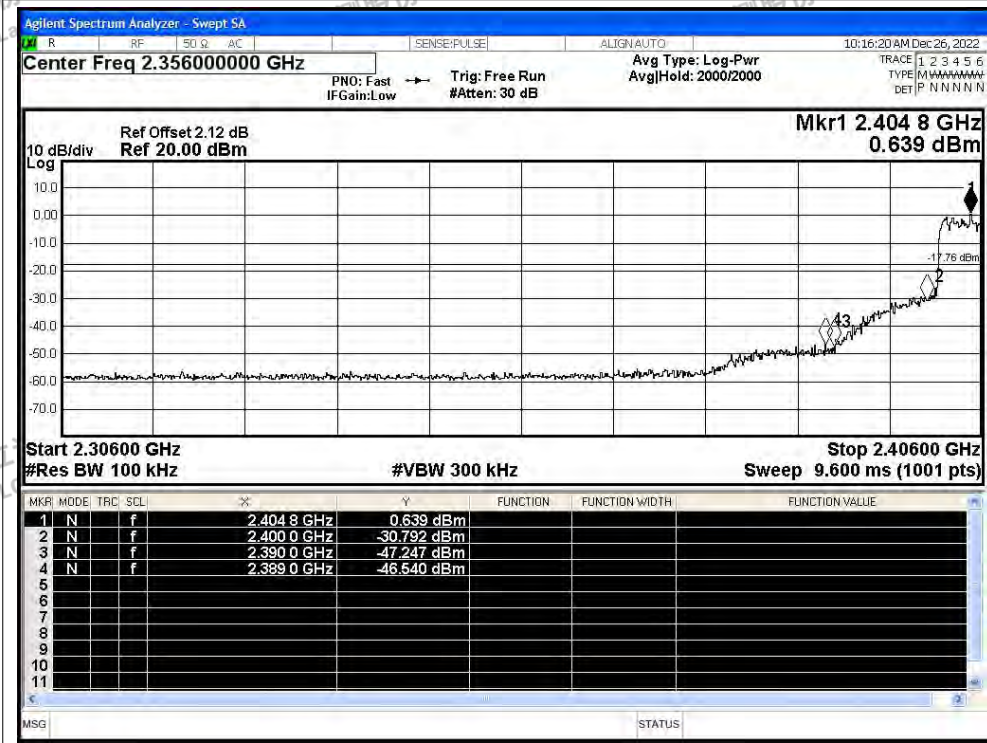




Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref

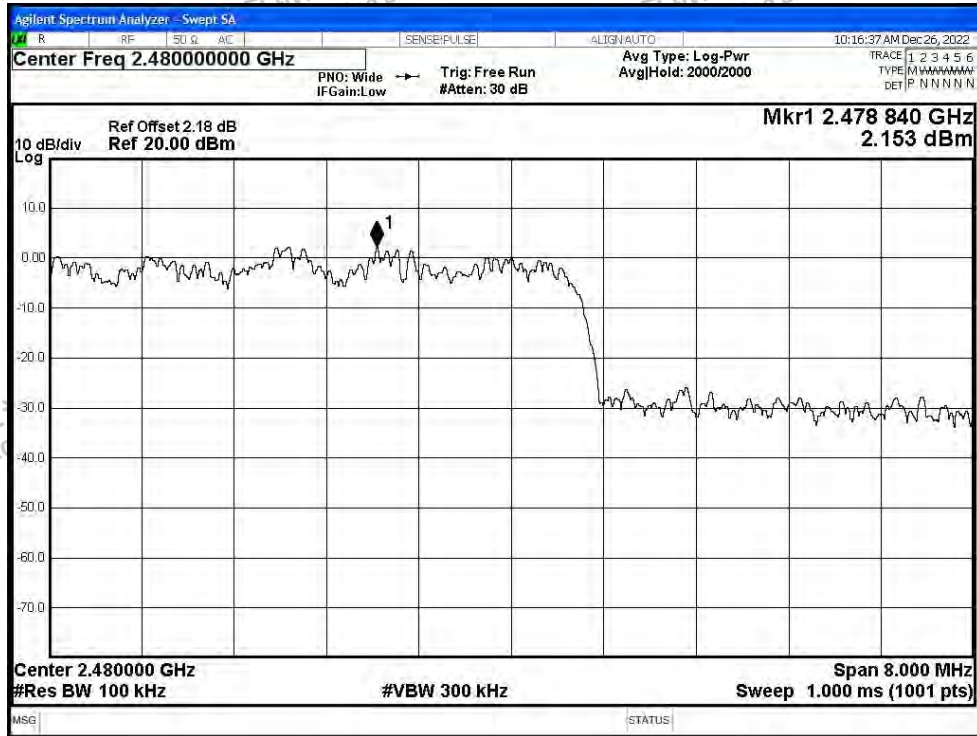


Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission

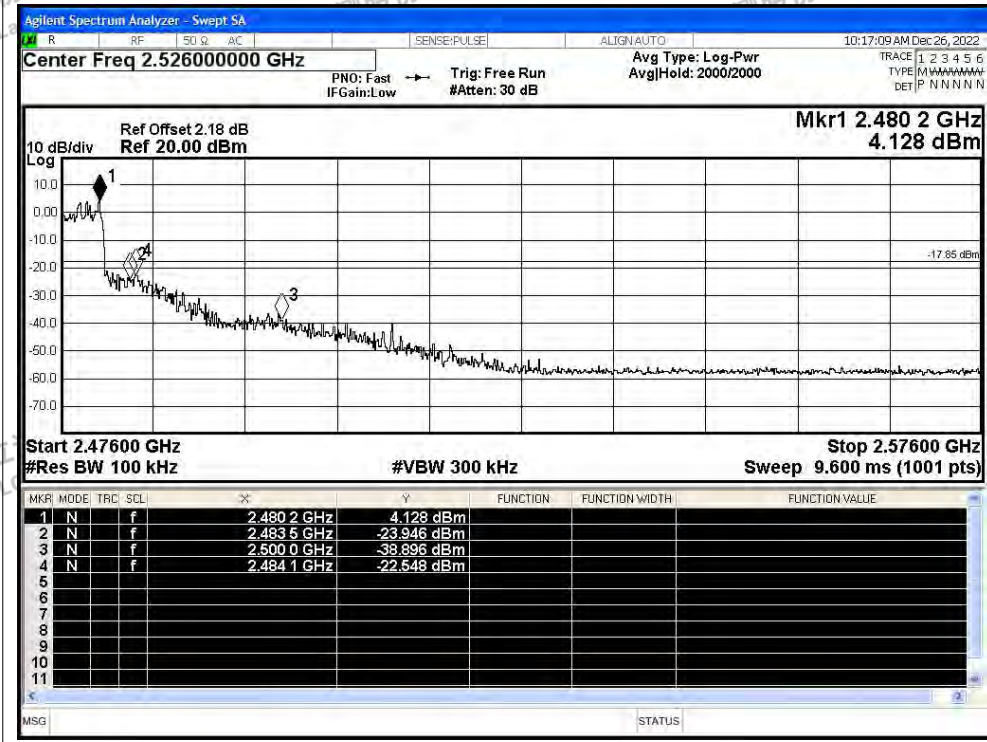




Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



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

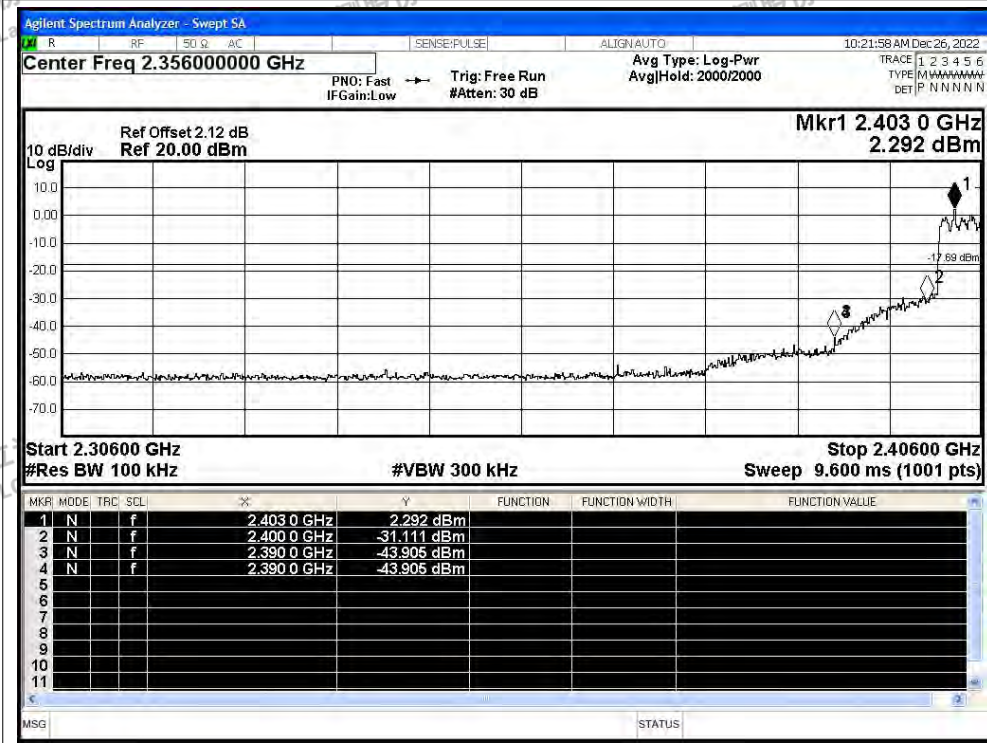




Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



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

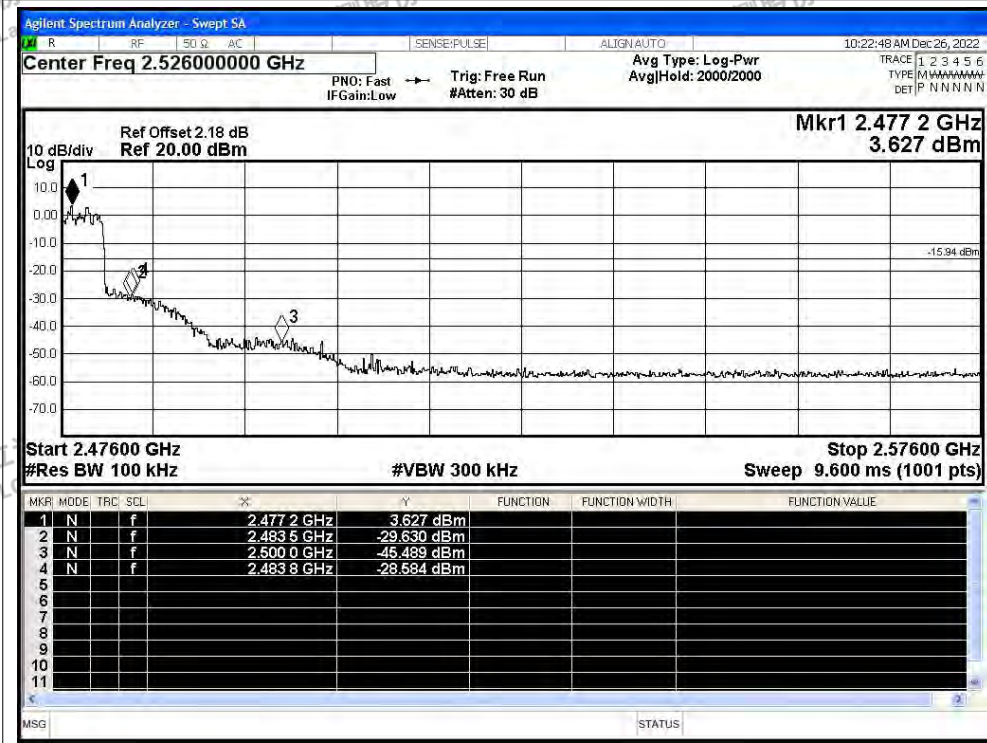




Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref



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	-58.53	-20	Pass
NVNT	1-DH5	2441	Ant1	-60.24	-20	Pass
NVNT	1-DH5	2480	Ant1	-53.74	-20	Pass
NVNT	2-DH5	2402	Ant1	-57.74	-20	Pass
NVNT	2-DH5	2441	Ant1	-58.6	-20	Pass
NVNT	2-DH5	2480	Ant1	-49.76	-20	Pass
NVNT	3-DH5	2402	Ant1	-56.49	-20	Pass
NVNT	3-DH5	2441	Ant1	-58.24	-20	Pass
NVNT	3-DH5	2480	Ant1	-51.27	-20	Pass

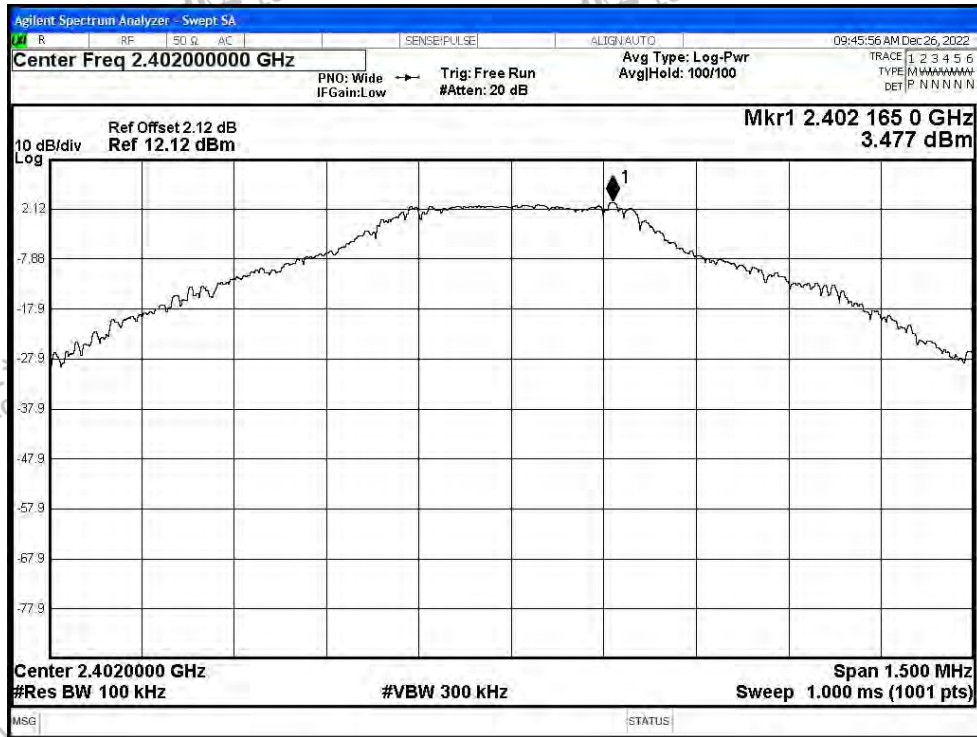


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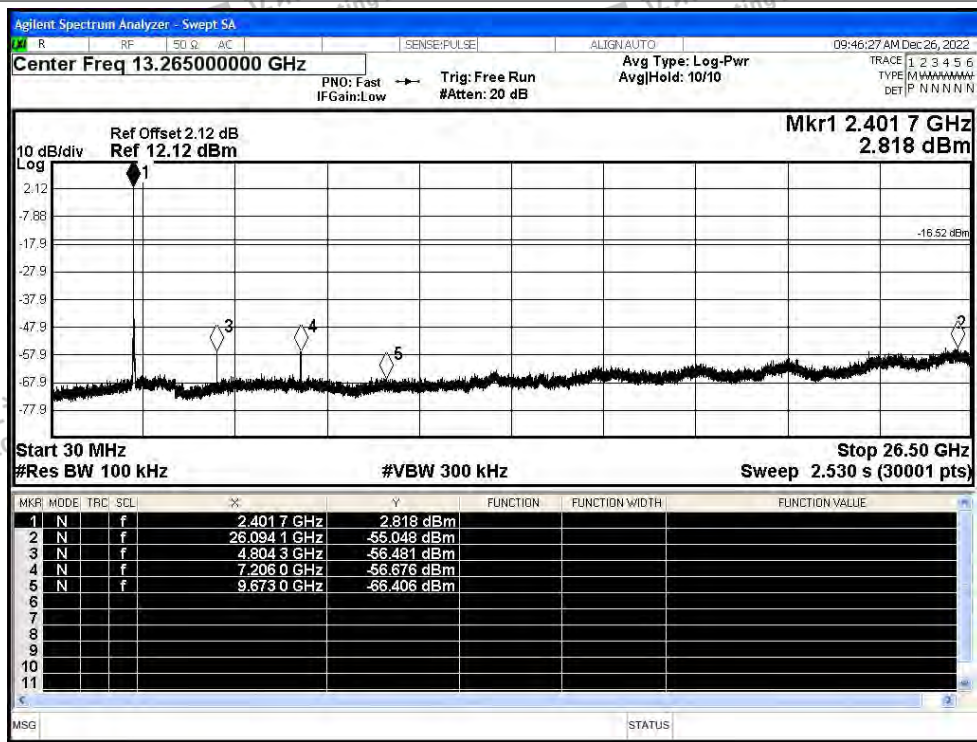


Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref

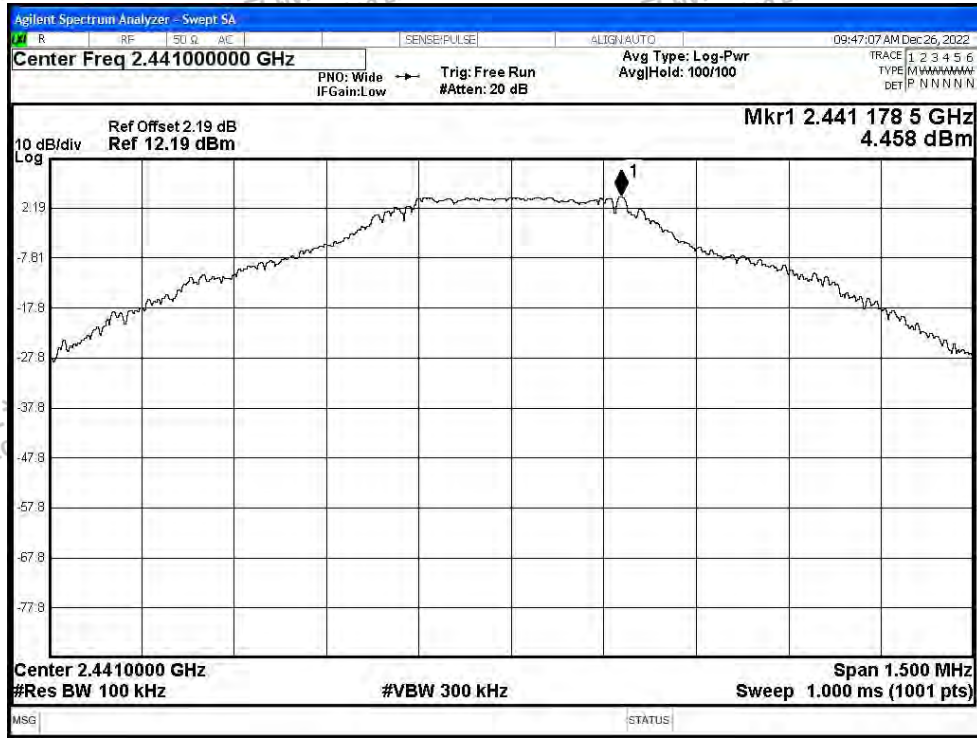


Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission

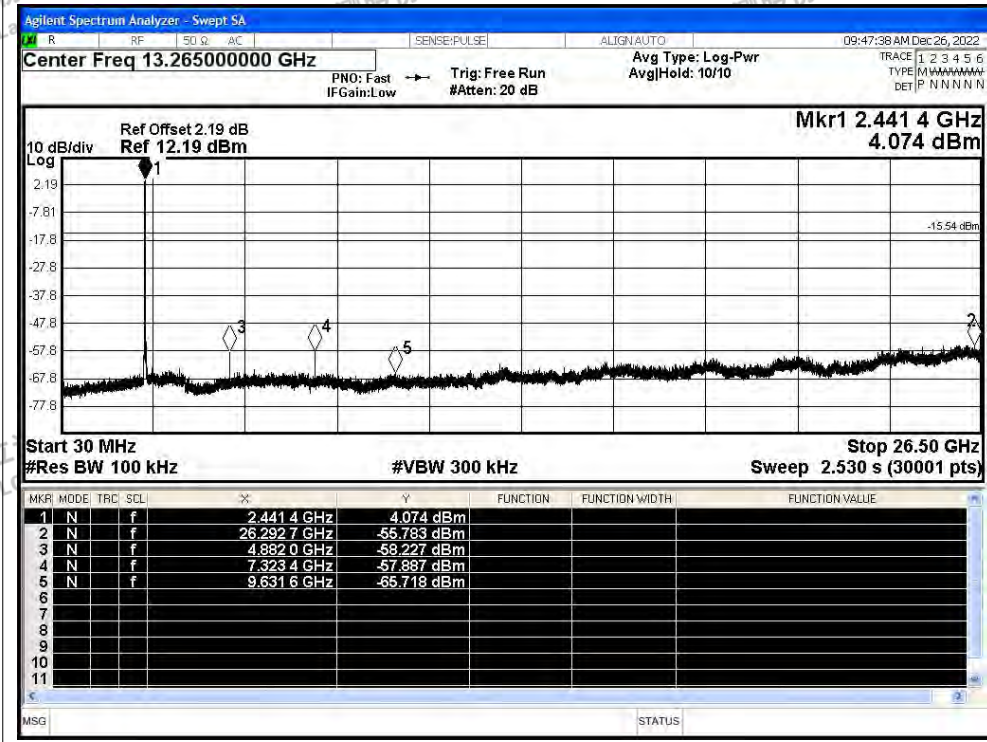




Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref

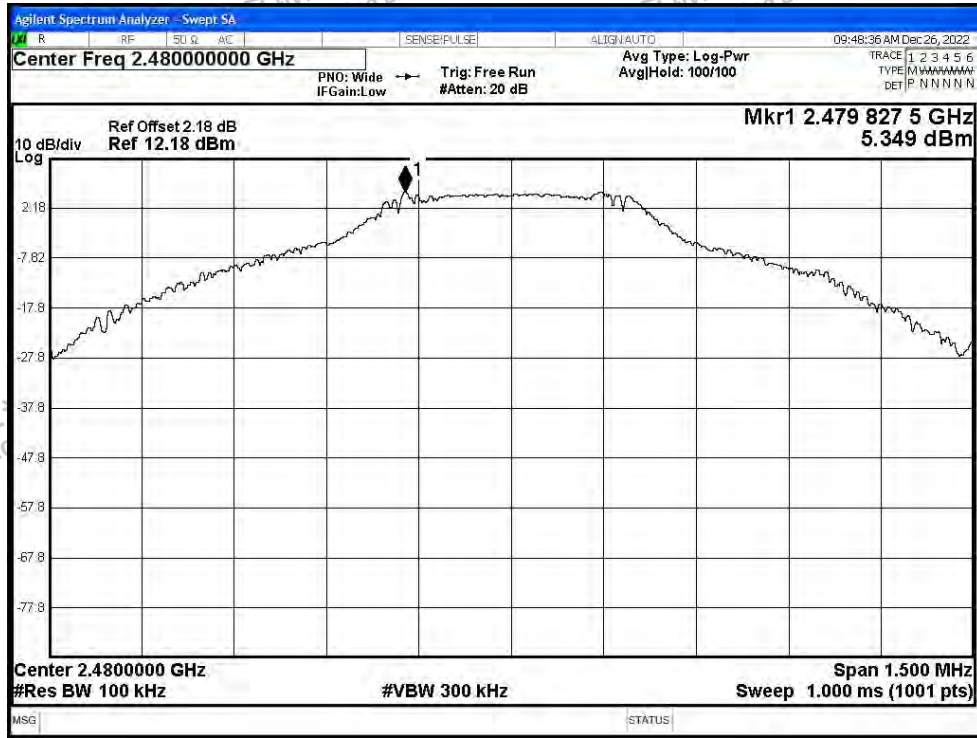


Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission

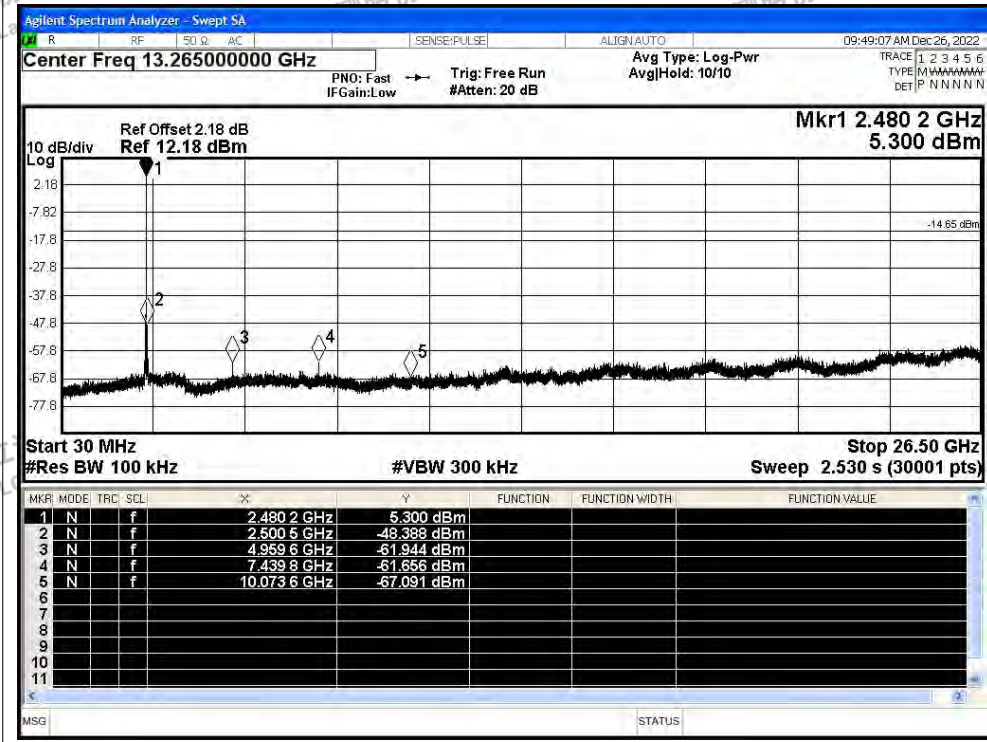




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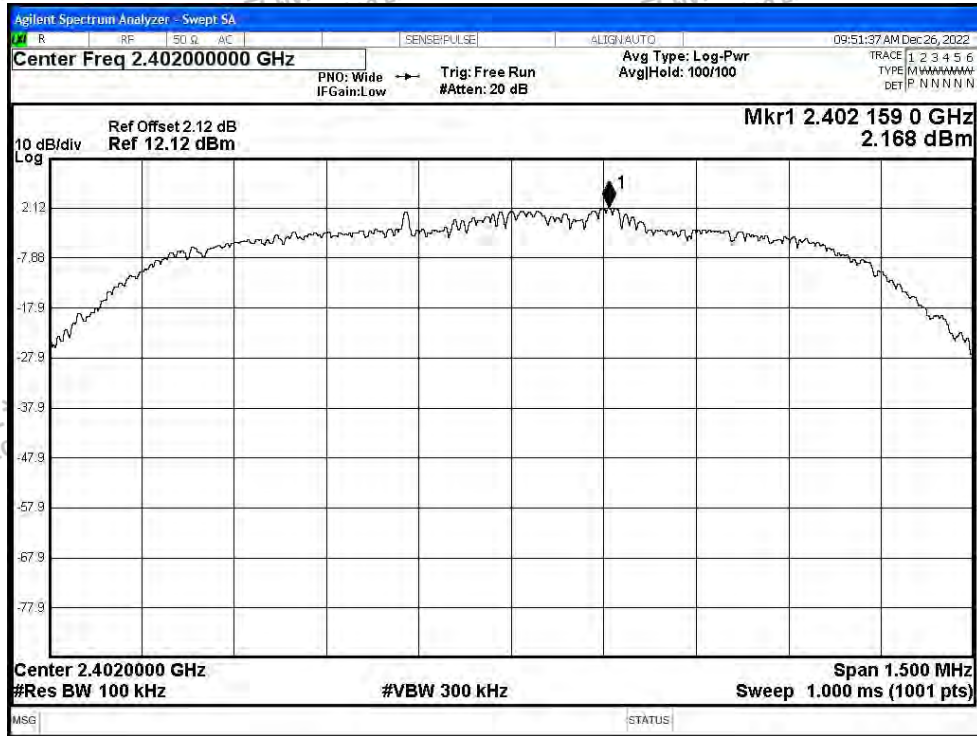


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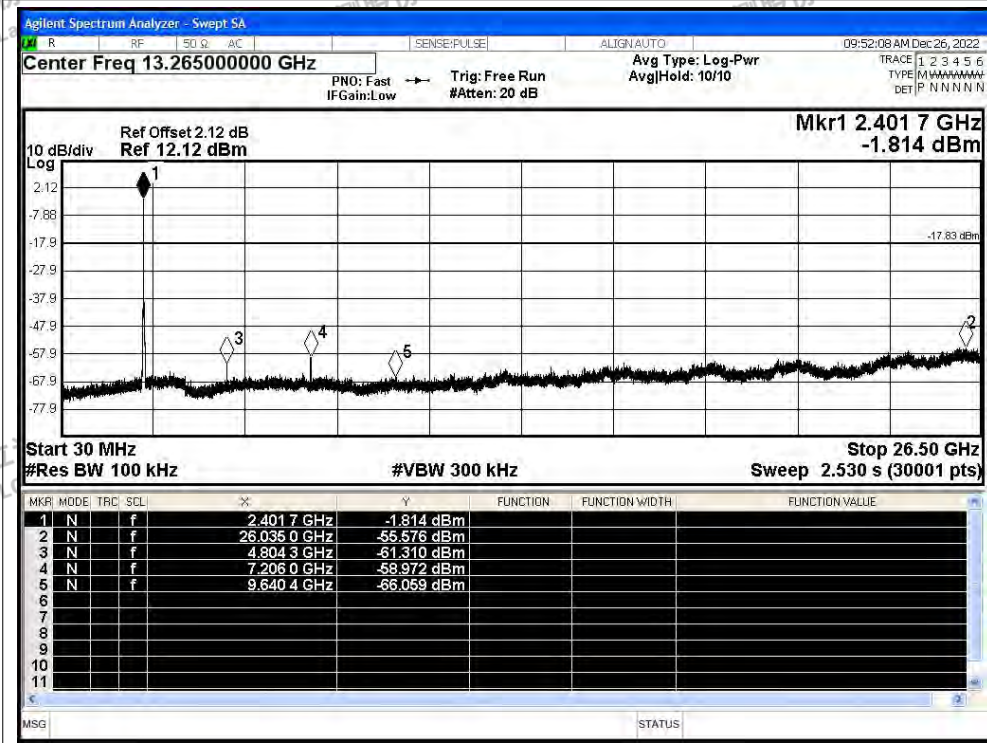




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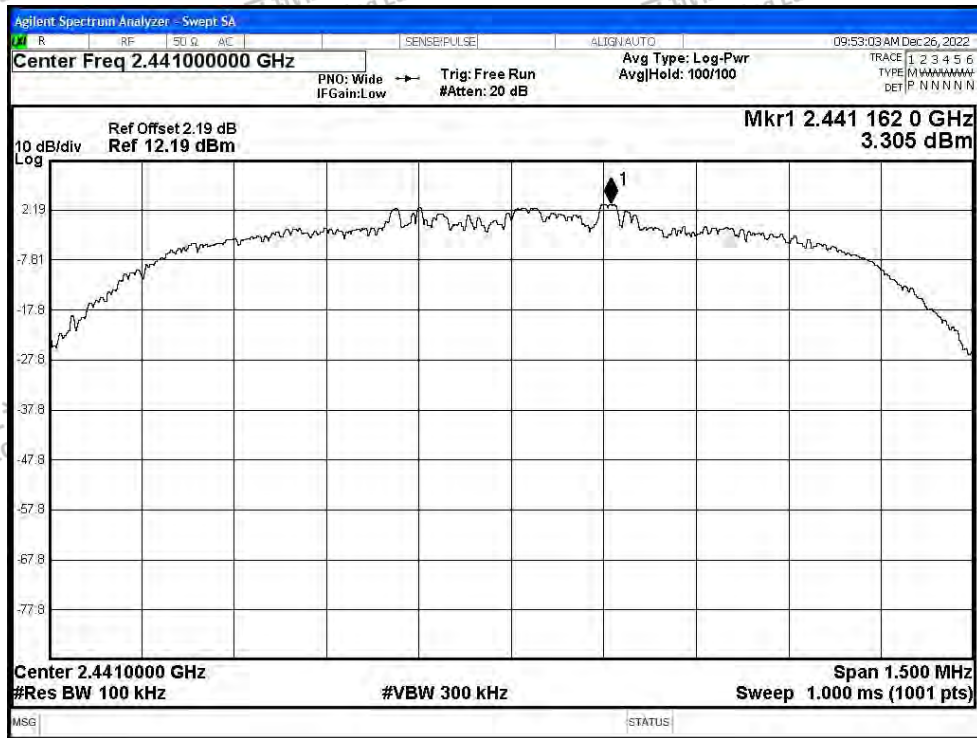


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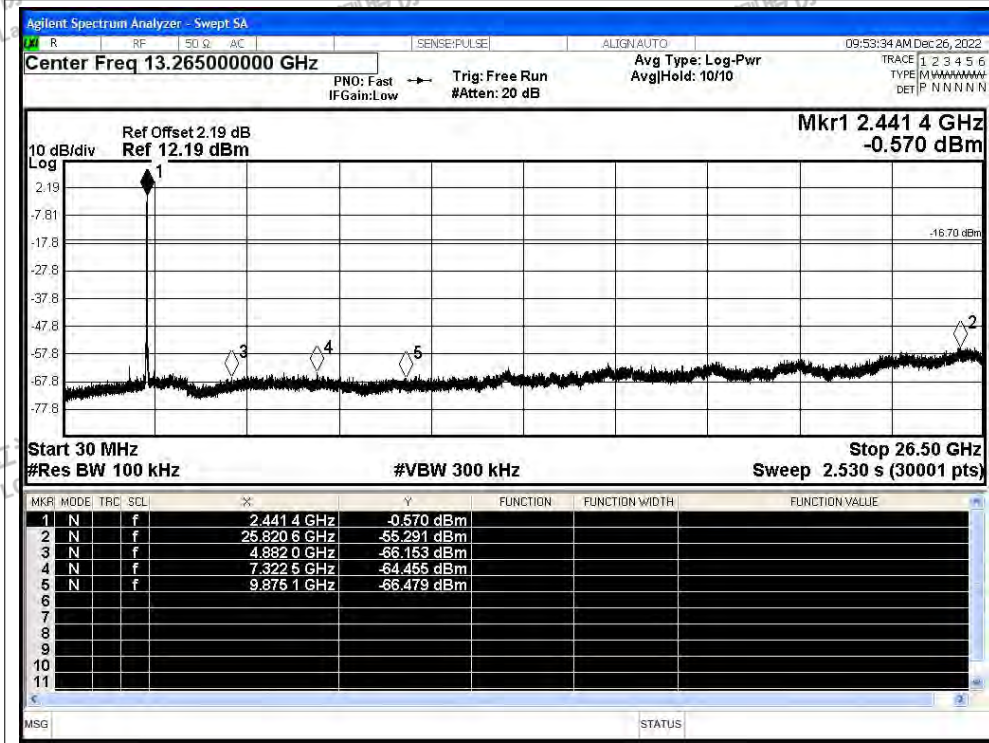




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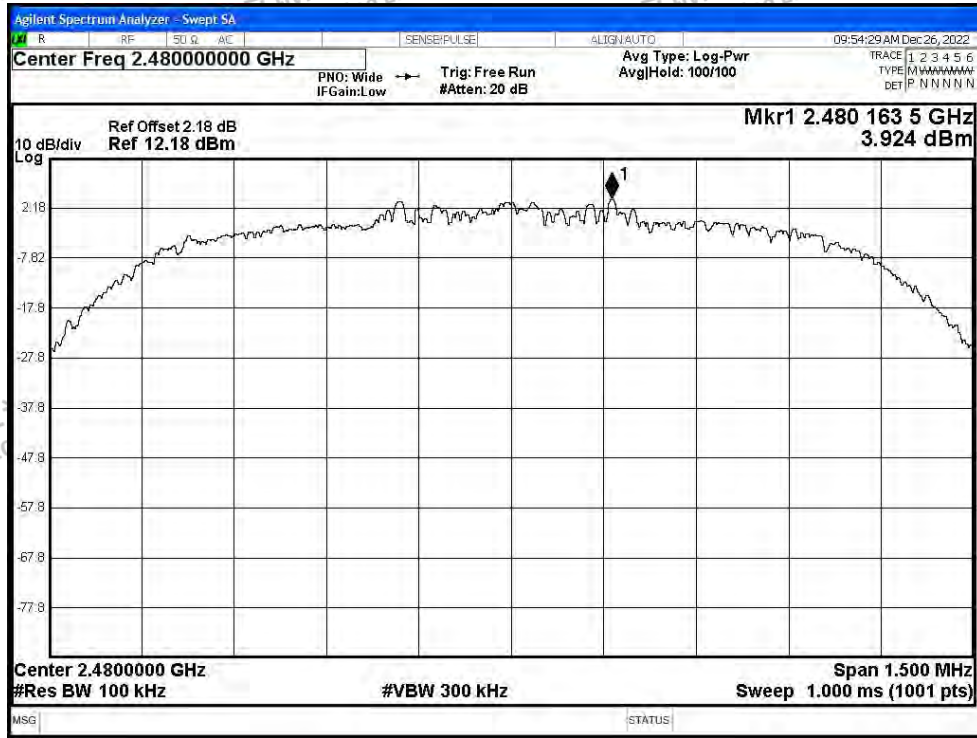


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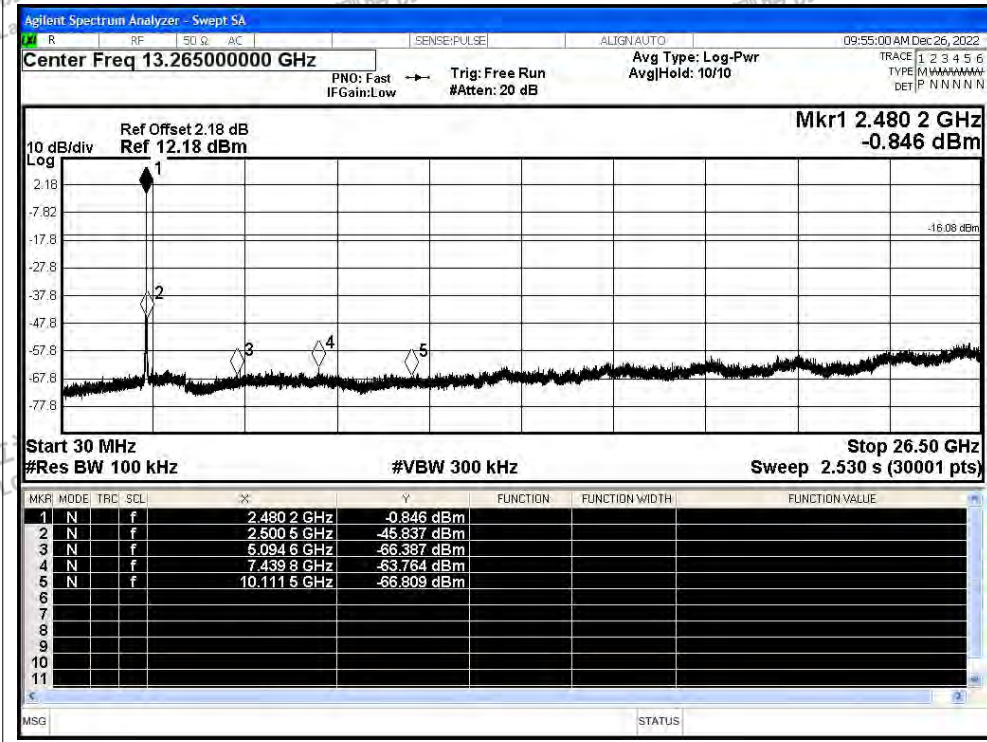




Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission

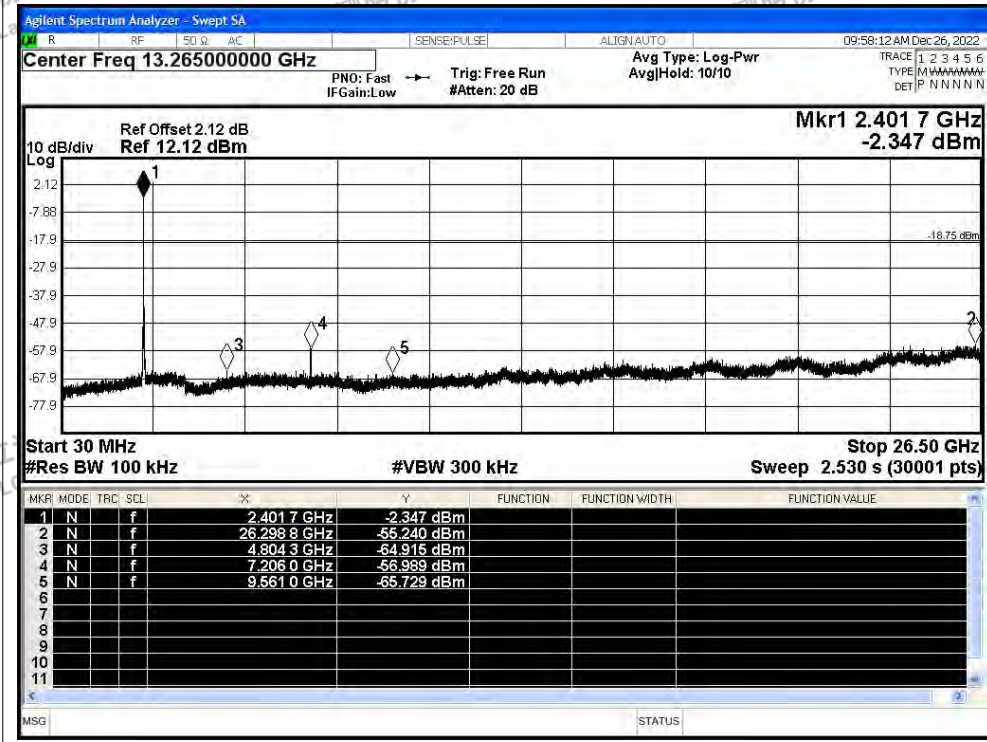




Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission

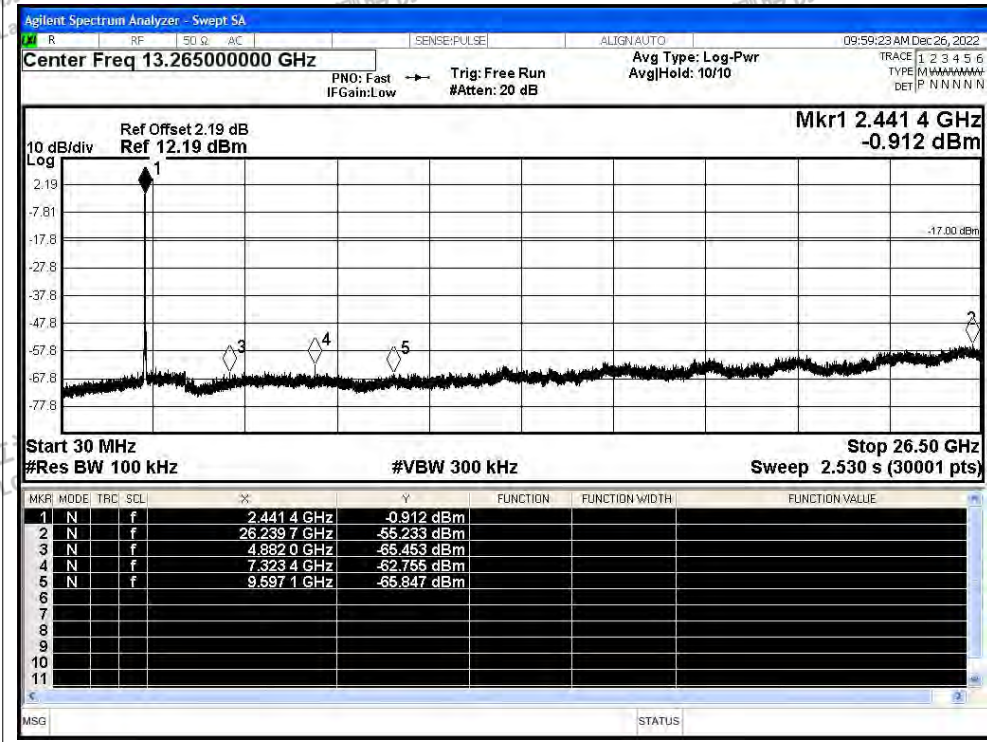




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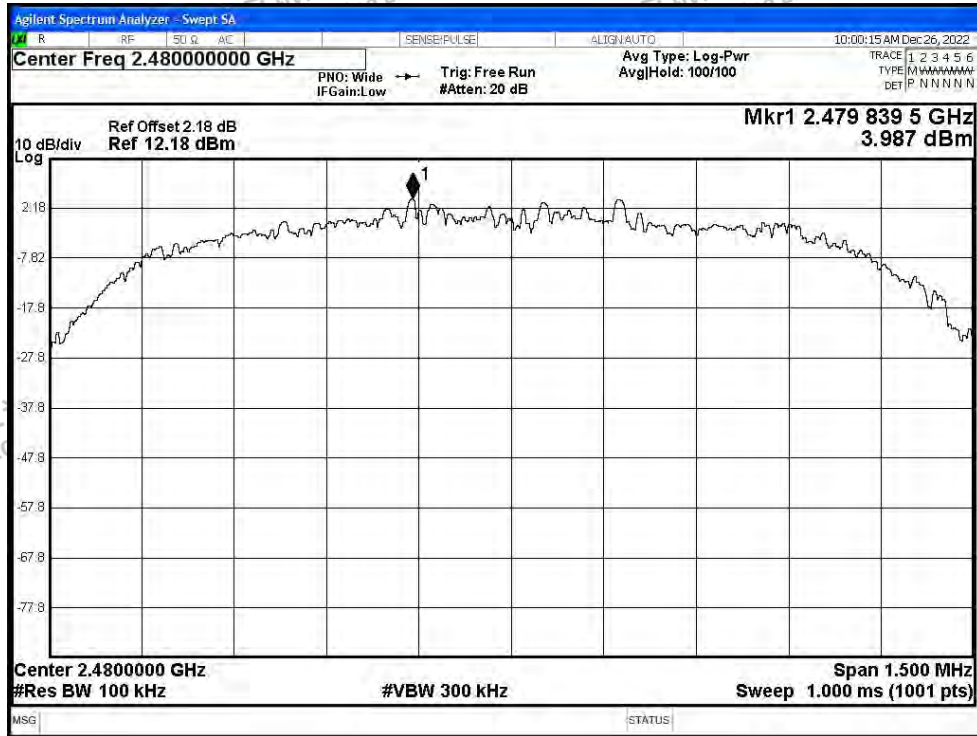


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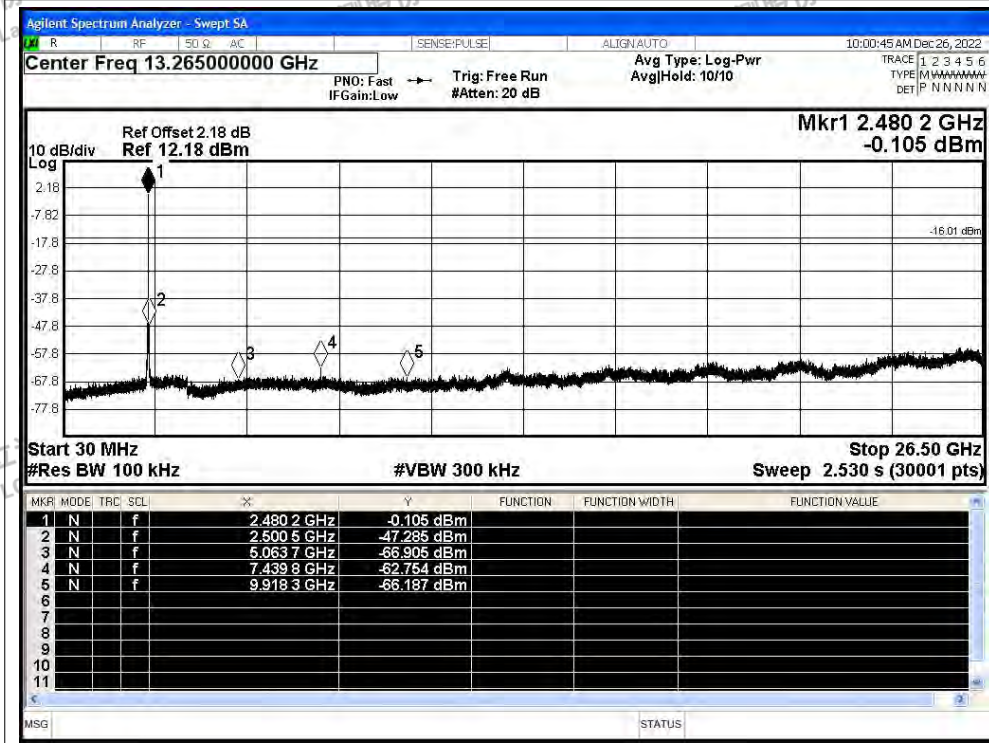




Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



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	-50.23	2	47.03	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-60.39	2	36.87	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2389.968	-33.13	2	64.13	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2389.68	-56.79	2	40.47	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-33.13	2	64.13	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-58.83	2	38.43	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-30.38	2	66.88	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-55.19	2	42.07	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.632	-26.17	2	71.09	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.536	-55.15	2	42.11	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-46.41	2	50.85	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-58.43	2	38.83	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-50.14	2	47.12	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-60.24	2	37.02	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2381.712	-29.44	2	67.82	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2389.968	-54.5	2	42.76	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-33.54	2	63.72	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-54.5	2	42.76	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-25.74	2	71.52	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-52.01	2	45.25	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.704	-25.71	2	71.55	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.848	-51.15	2	46.11	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-42.91	2	54.35	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-56.87	2	40.39	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-50.11	2	47.15	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-60.38	2	36.88	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2389.776	-41.29	2	55.97	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2389.968	-57.25	2	40.01	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-42.91	2	54.35	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-57.25	2	40.01	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-25.76	2	71.5	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-51.04	2	46.22	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.512	-25.76	2	71.5	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.536	-51.03	2	46.23	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-42.66	2	54.6	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-57.02	2	40.24	Average	54	Pass

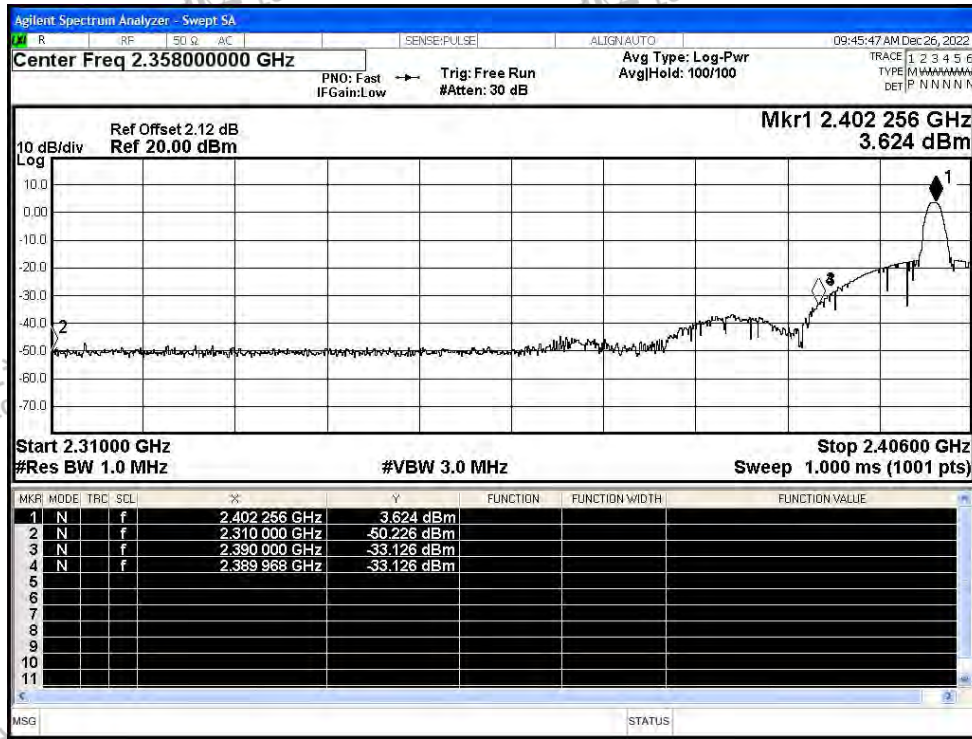


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 Scan code to check authenticity

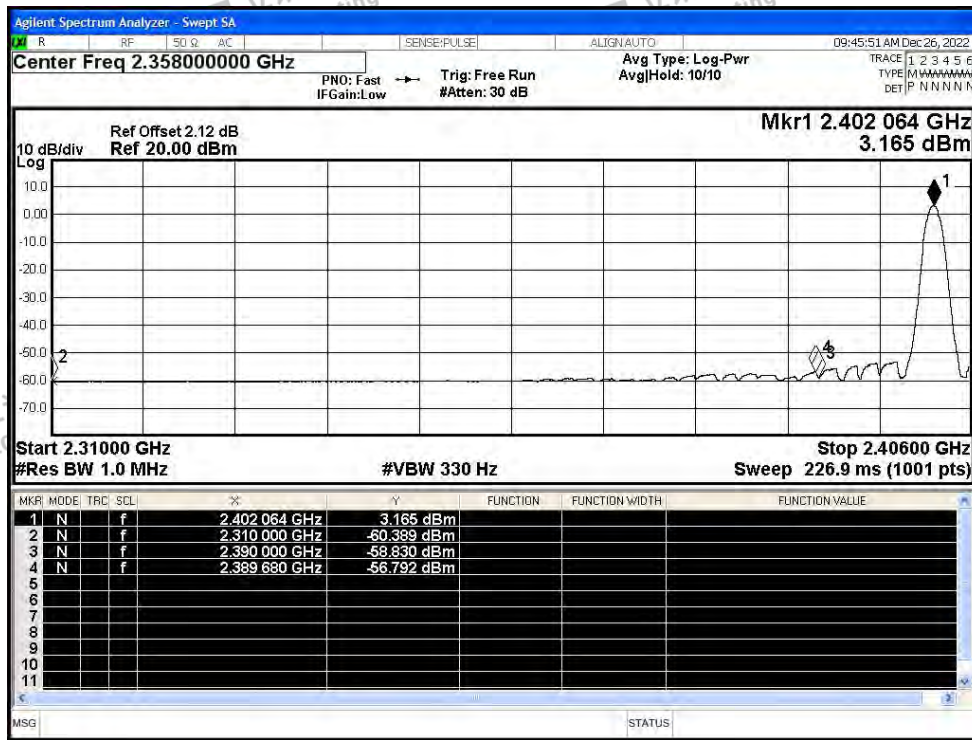


Test Graphs

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



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

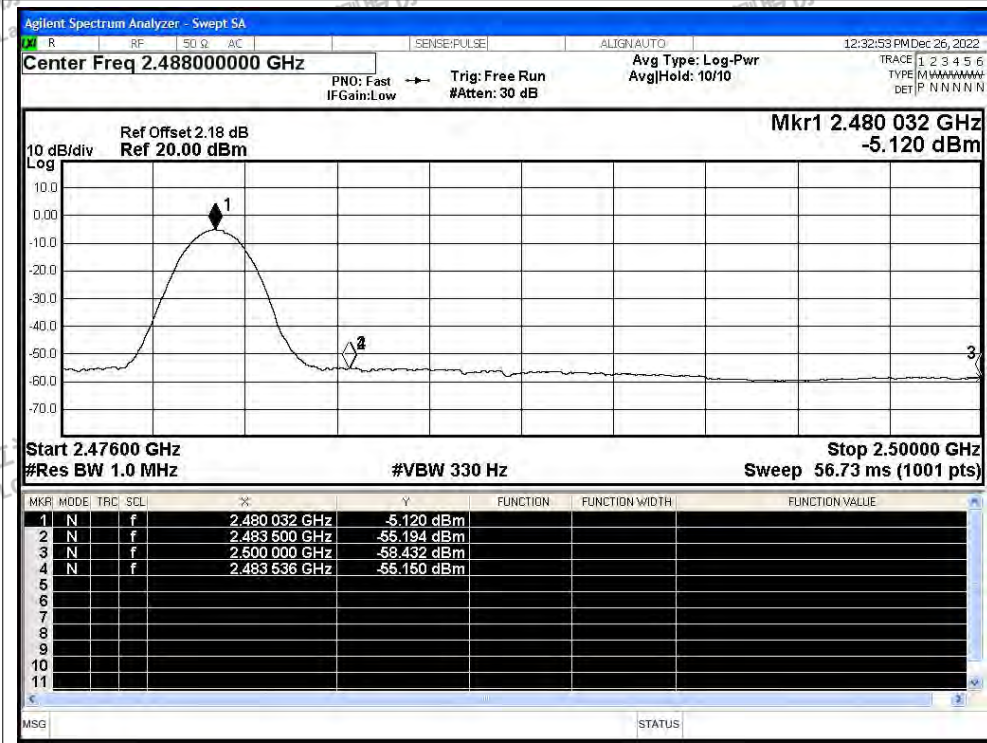




Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak

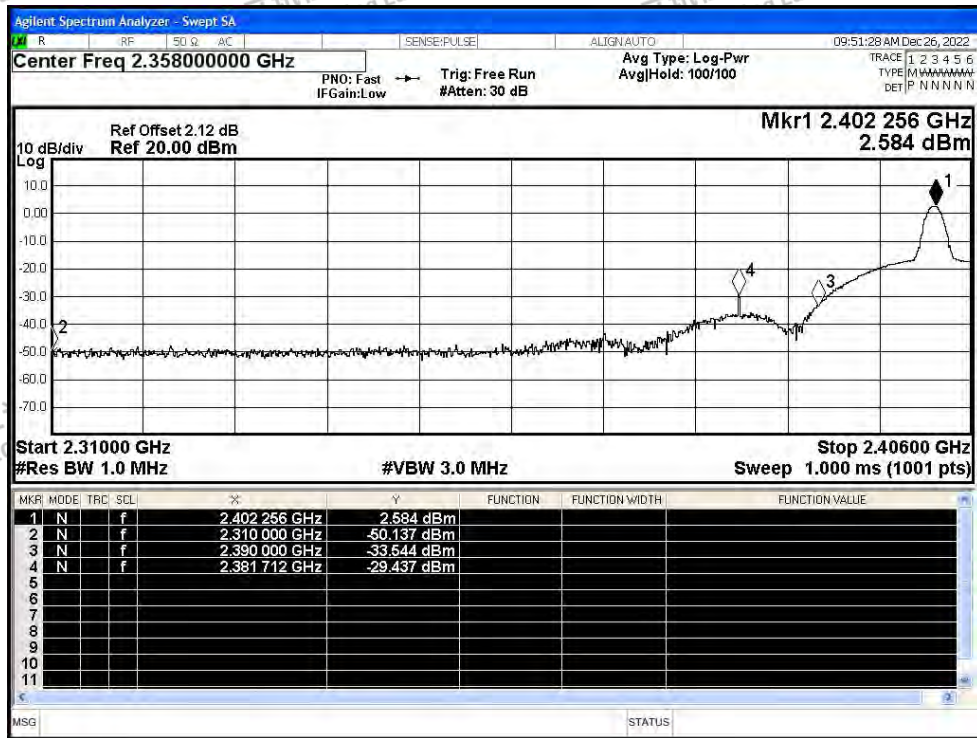


Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average

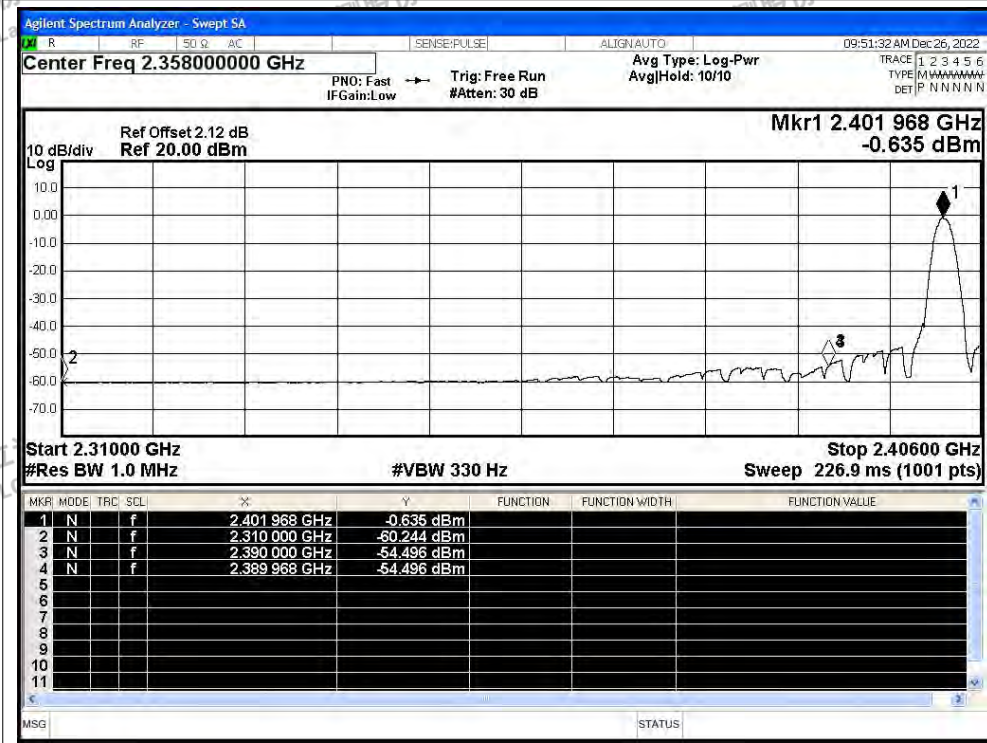




Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Peak

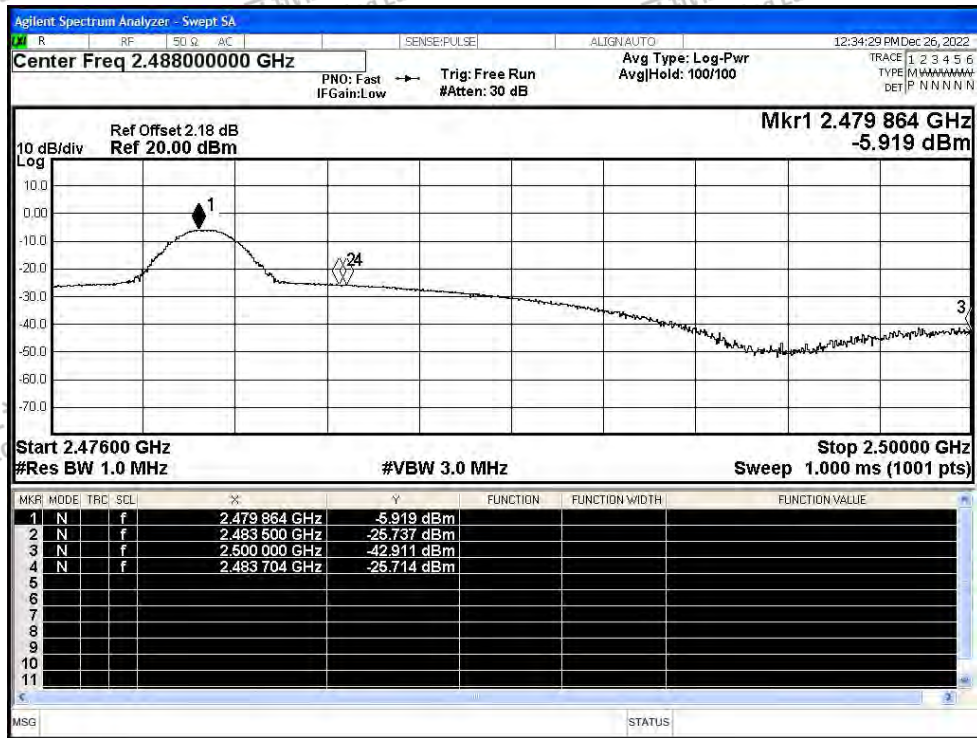


Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Average

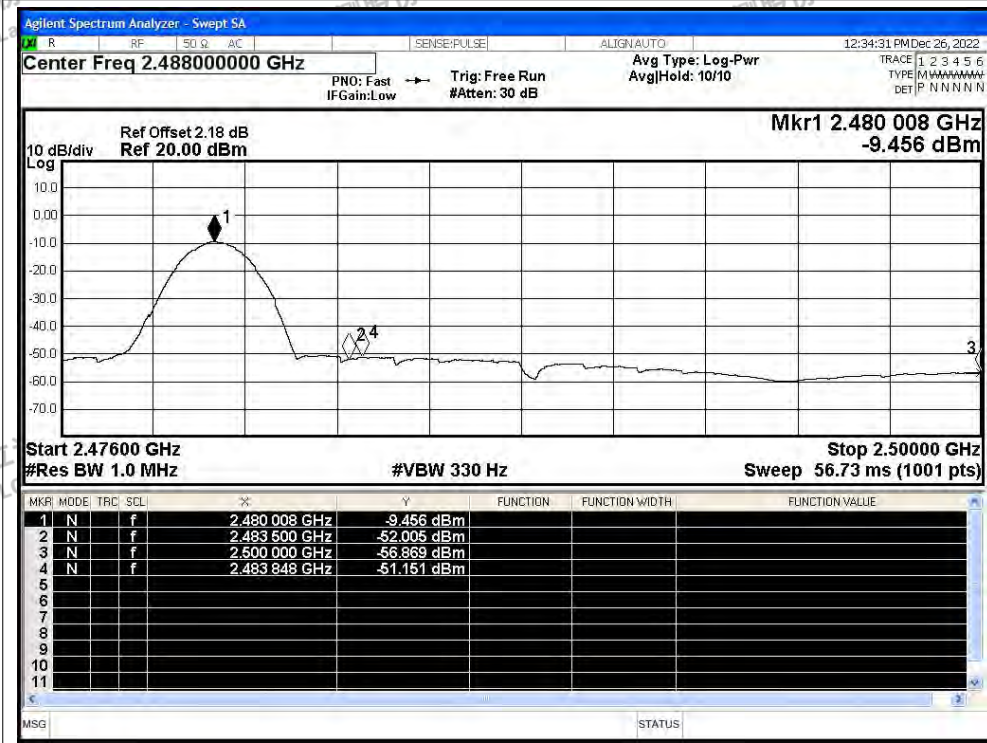




Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Peak

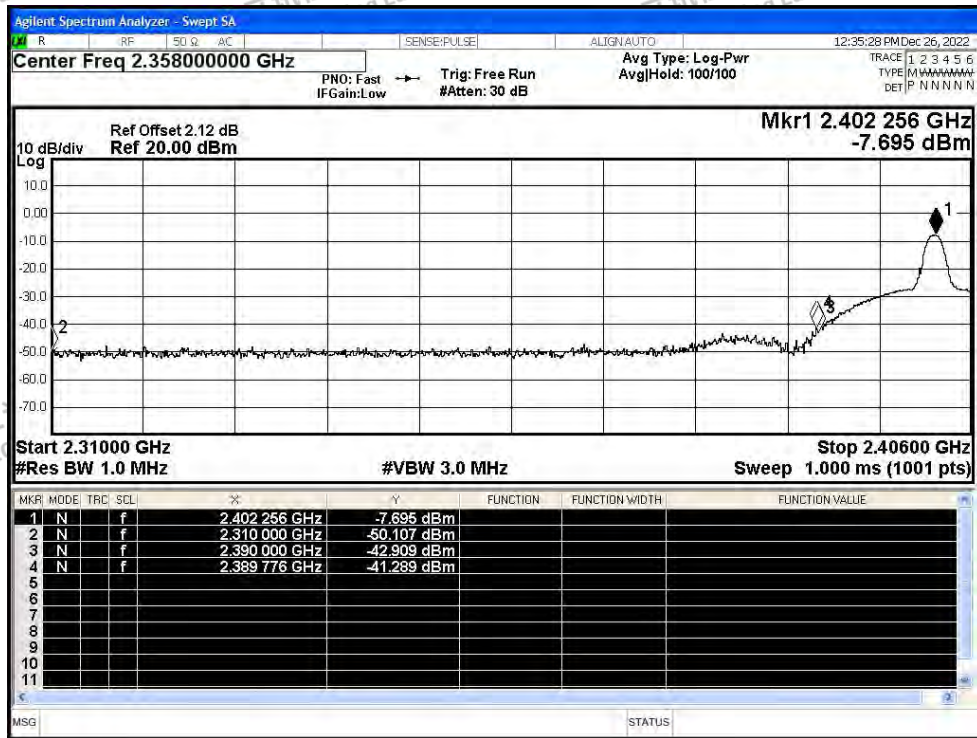


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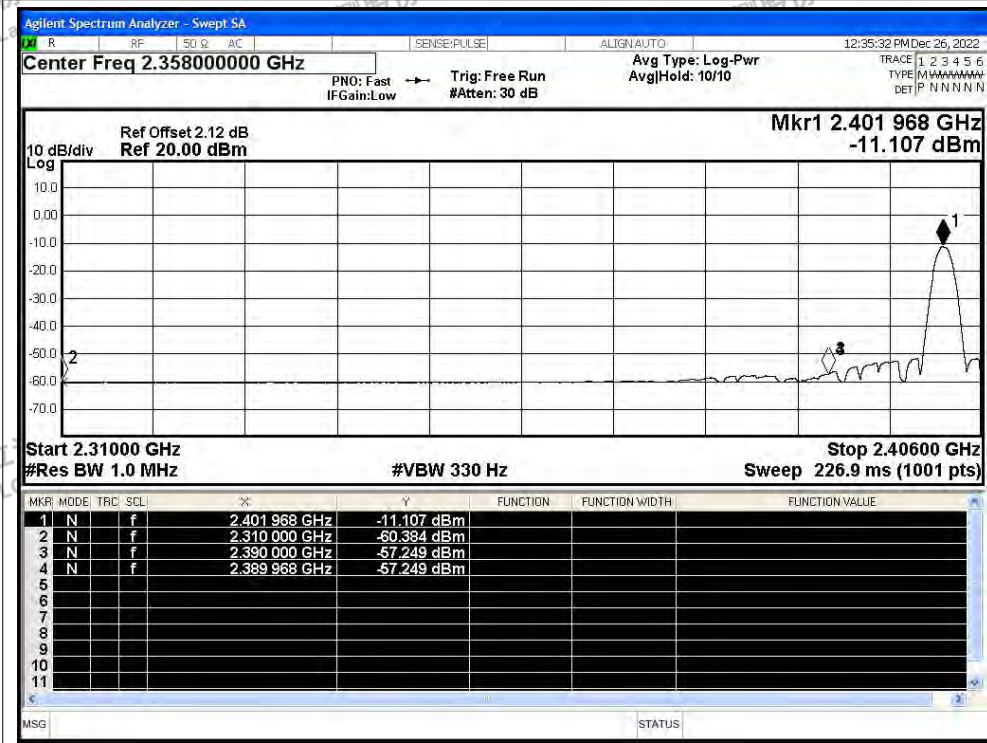




Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Peak

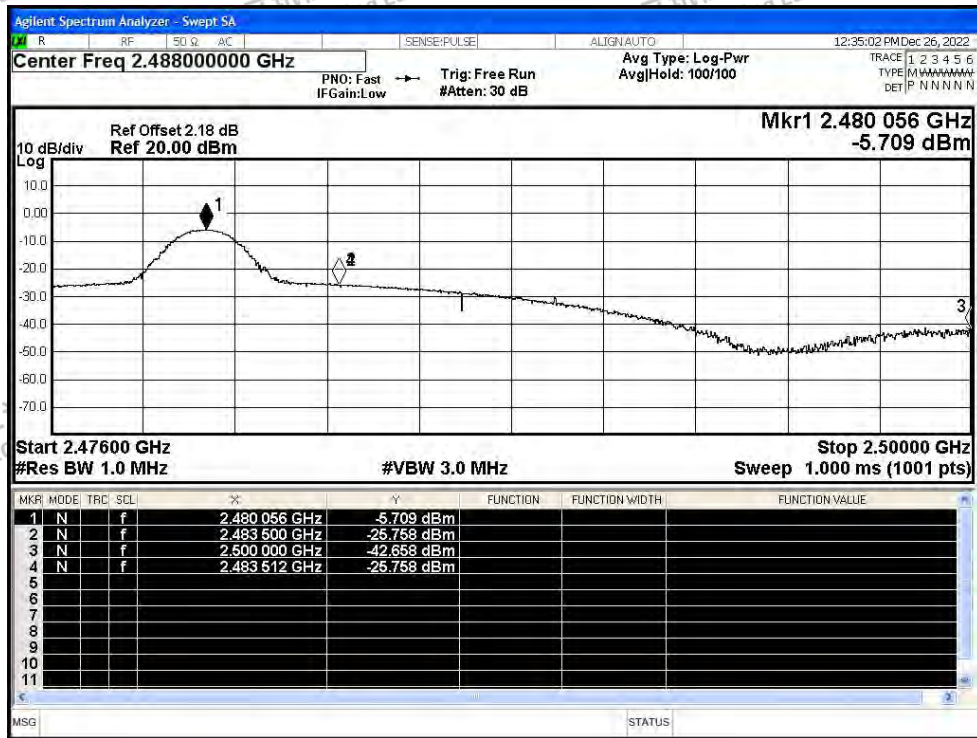


Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Average





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



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

