



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Edge Computer Box

Test Model: APC3576V2

Environmental Conditions

Temperature:	23.2°C
Relative Humidity:	54.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Jerry Chu
Supervised by:	Can Kun



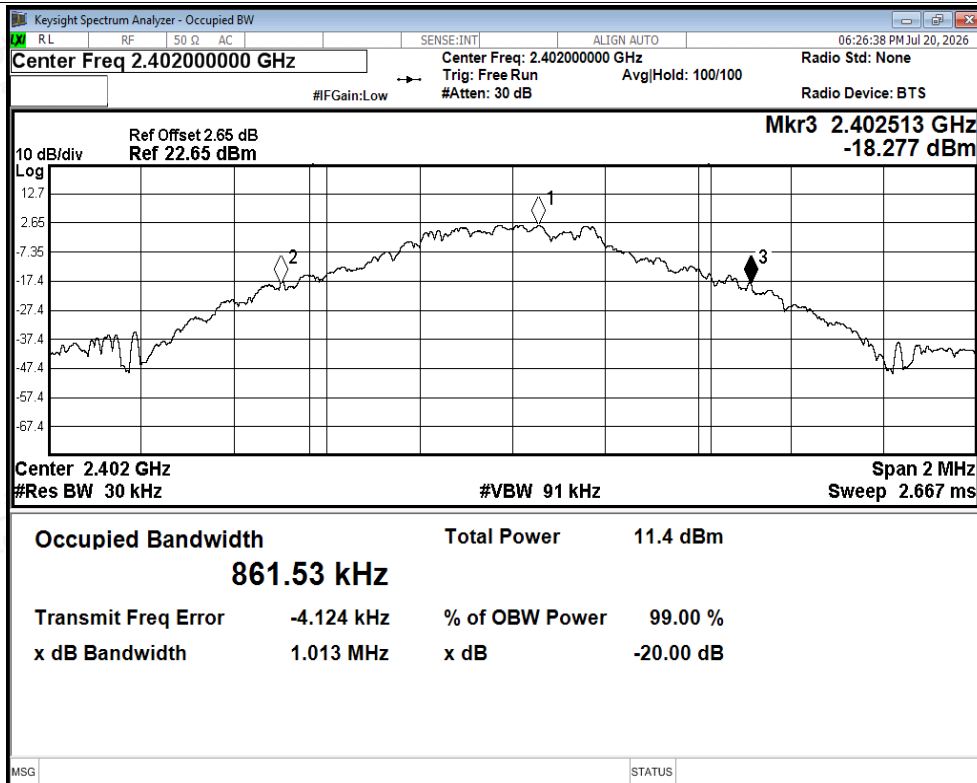
A.1 -20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	1.013	--	Pass
NVNT	1-DH5	2441	Ant1	0.9647	--	Pass
NVNT	1-DH5	2480	Ant1	1.001	--	Pass
NVNT	2-DH5	2402	Ant1	1.325	--	Pass
NVNT	2-DH5	2441	Ant1	1.283	--	Pass
NVNT	2-DH5	2480	Ant1	1.321	--	Pass
NVNT	3-DH5	2402	Ant1	1.3	--	Pass
NVNT	3-DH5	2441	Ant1	1.302	--	Pass
NVNT	3-DH5	2480	Ant1	1.289	--	Pass

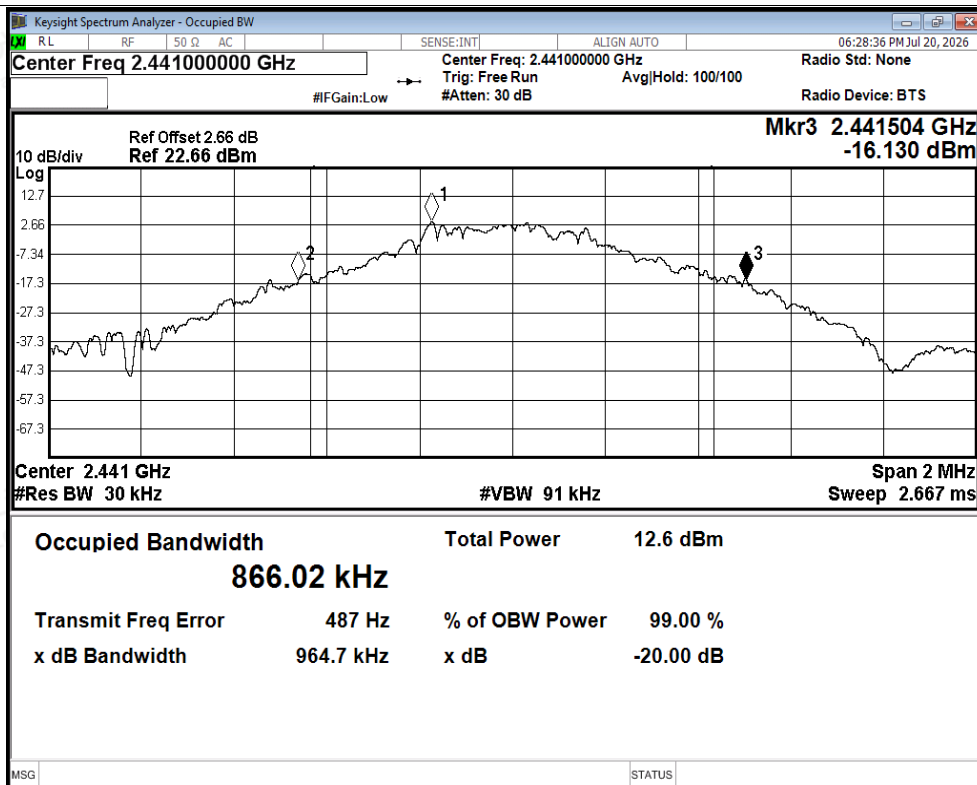
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-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1

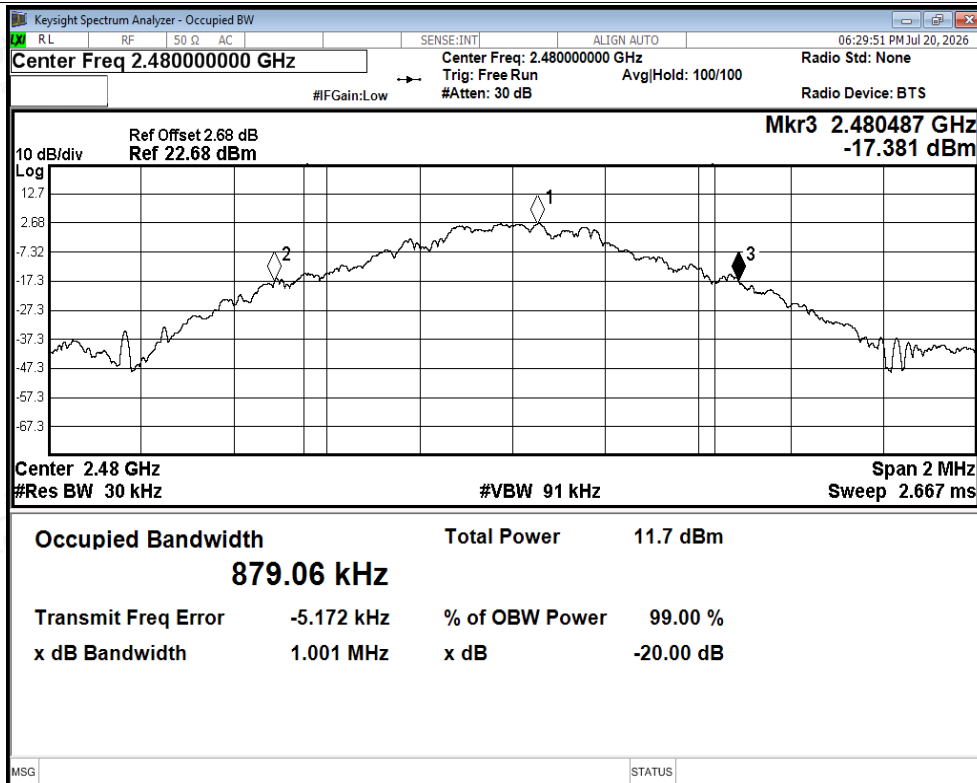


-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1

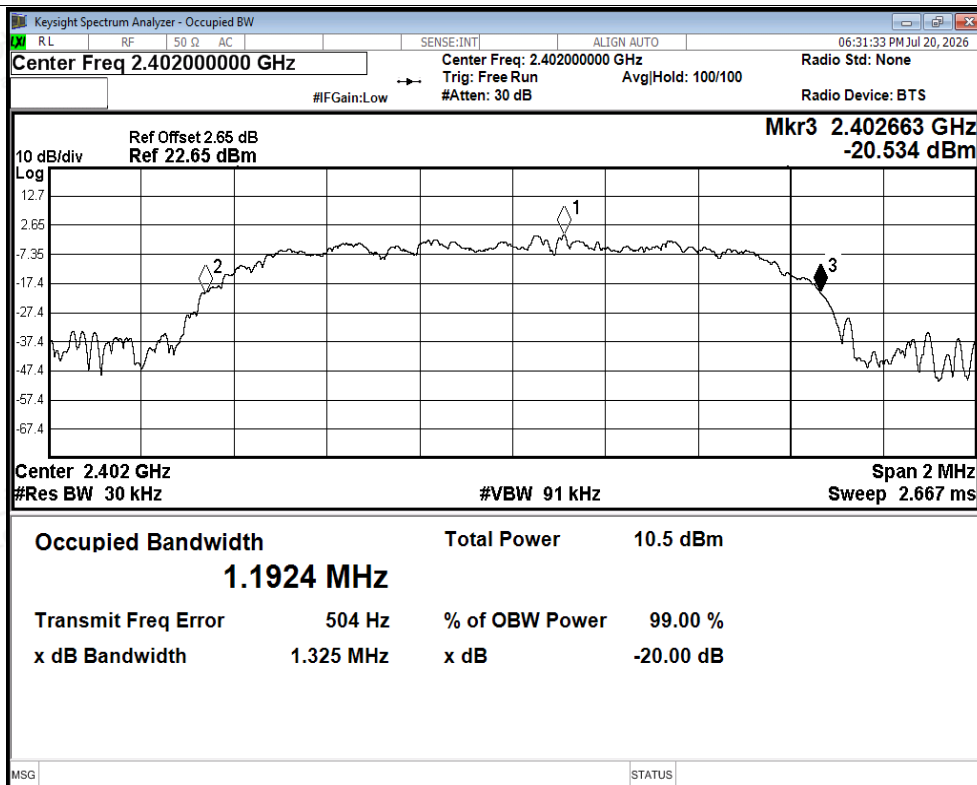
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-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1

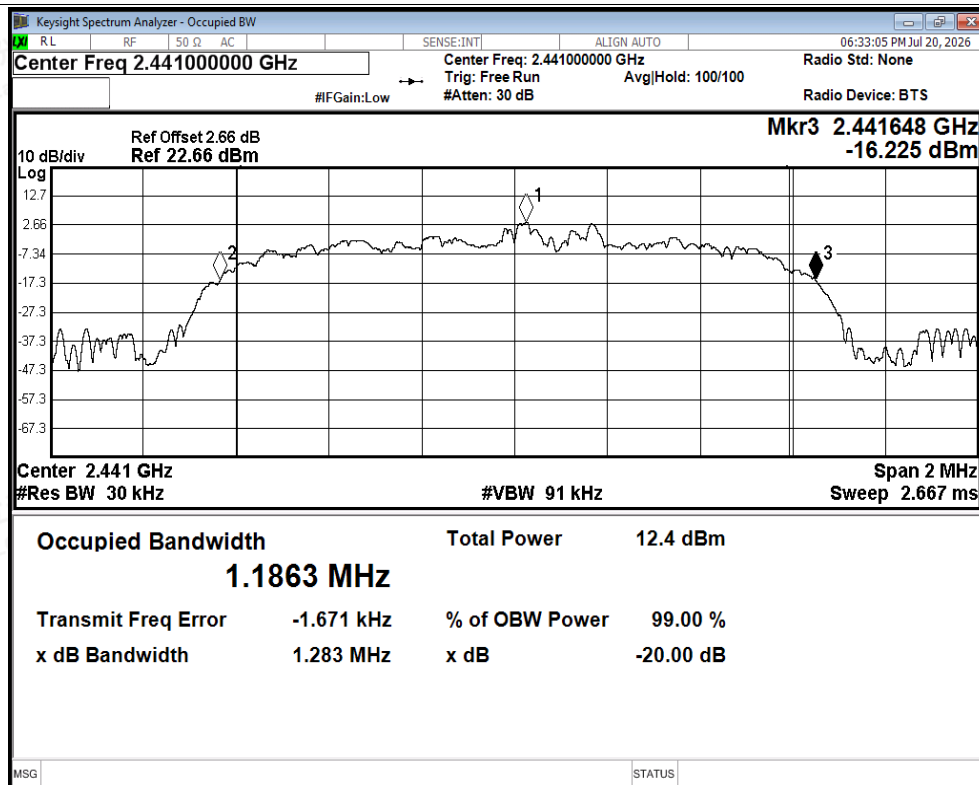


-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1

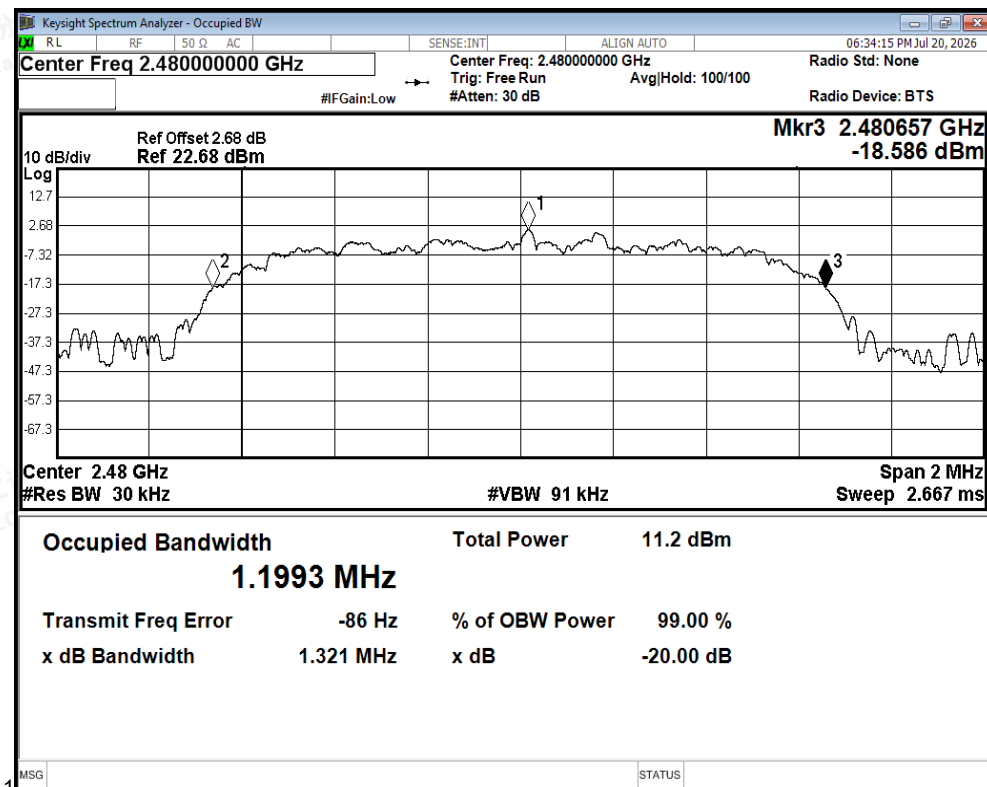
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-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1

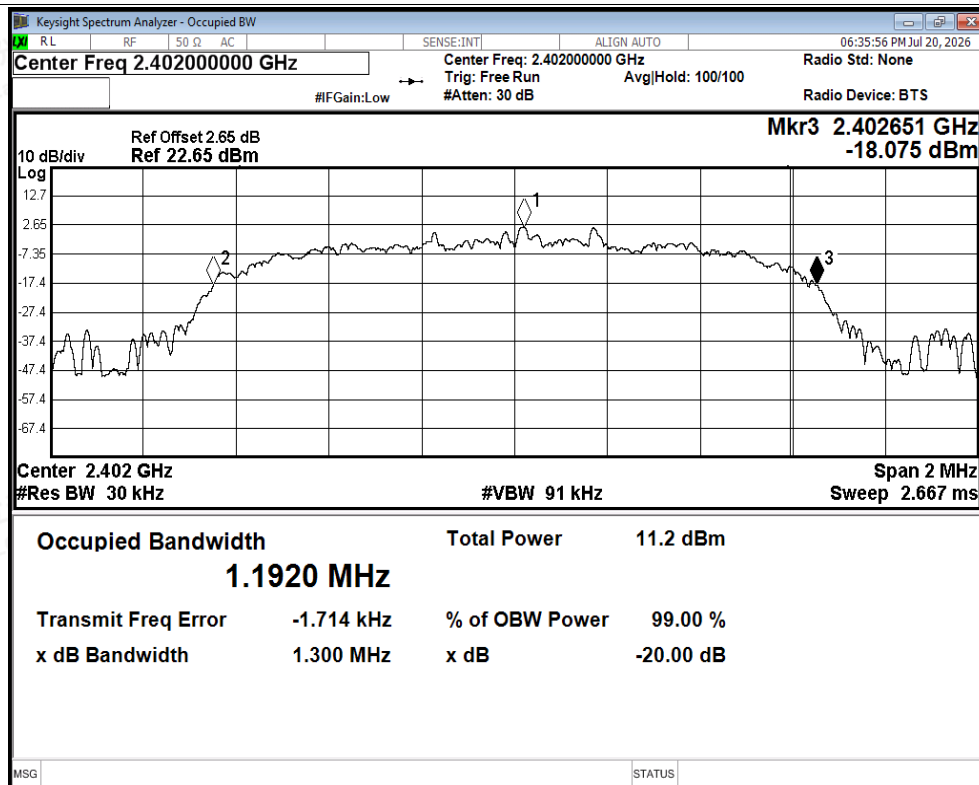


-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1

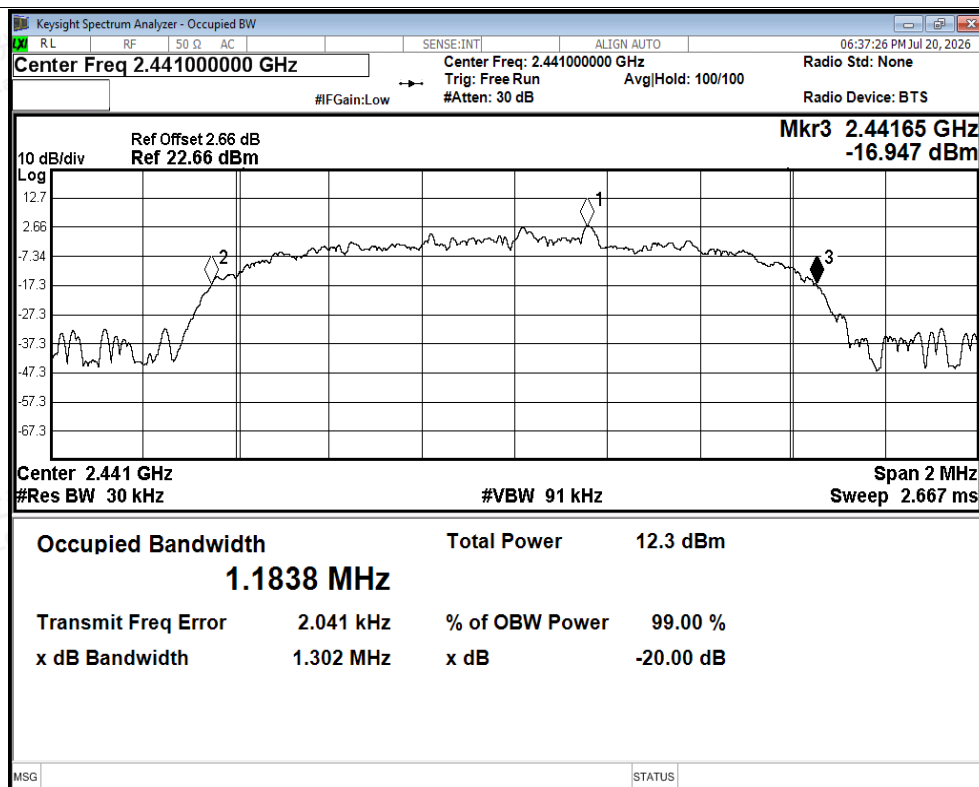
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-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1

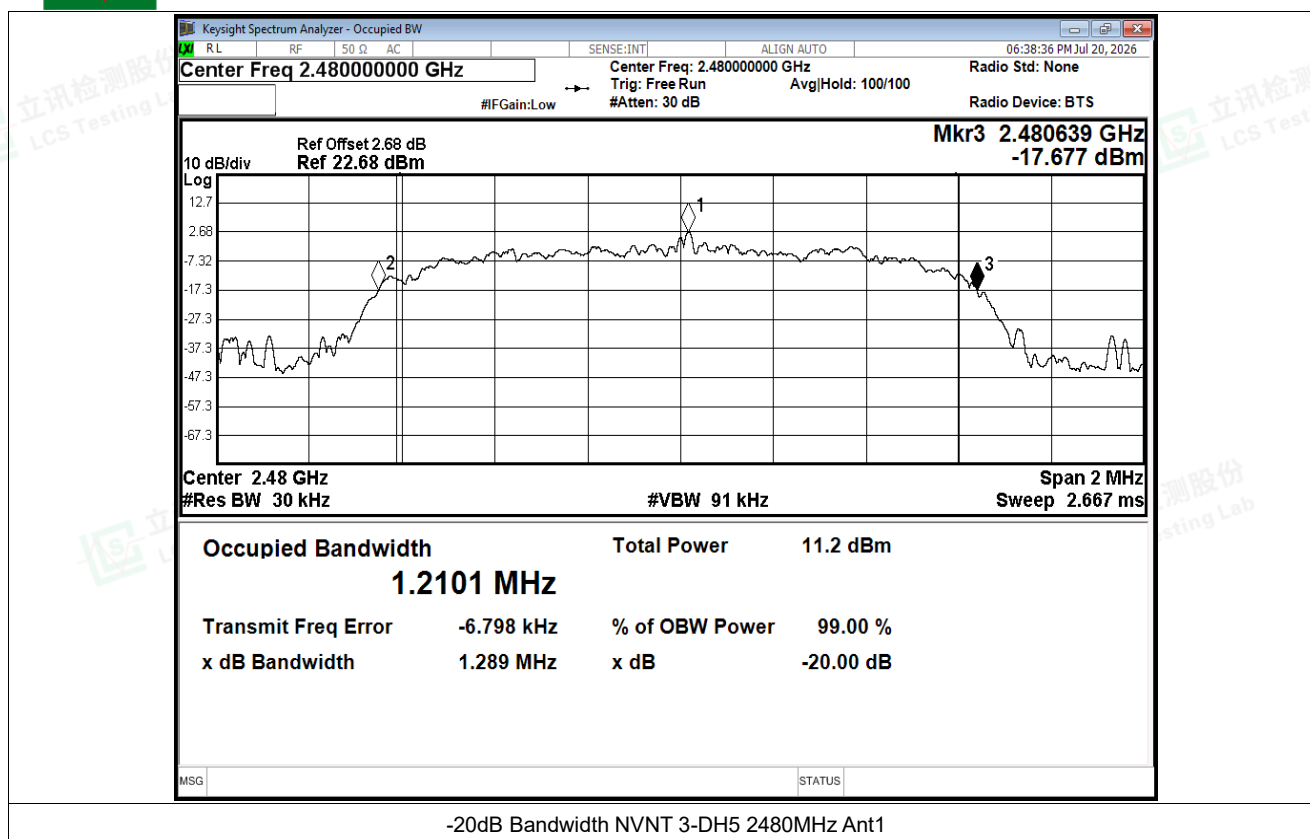


-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1

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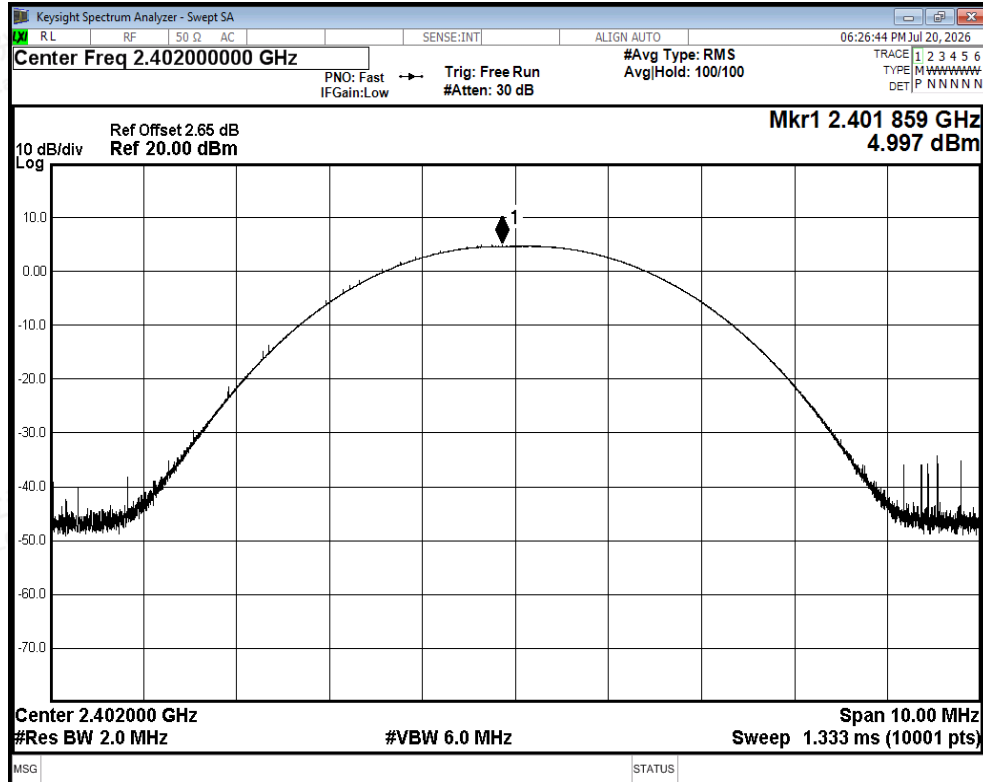
A.2 Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit Conducted(dBm)	Verdict
NVNT	1-DH5	2402	Ant1	5	30	Pass
NVNT	1-DH5	2441	Ant1	6.08	30	Pass
NVNT	1-DH5	2480	Ant1	5.47	30	Pass
NVNT	2-DH5	2402	Ant1	6.44	30	Pass
NVNT	2-DH5	2441	Ant1	7.59	30	Pass
NVNT	2-DH5	2480	Ant1	6.87	30	Pass
NVNT	3-DH5	2402	Ant1	6.74	30	Pass
NVNT	3-DH5	2441	Ant1	7.84	30	Pass
NVNT	3-DH5	2480	Ant1	7.04	30	Pass

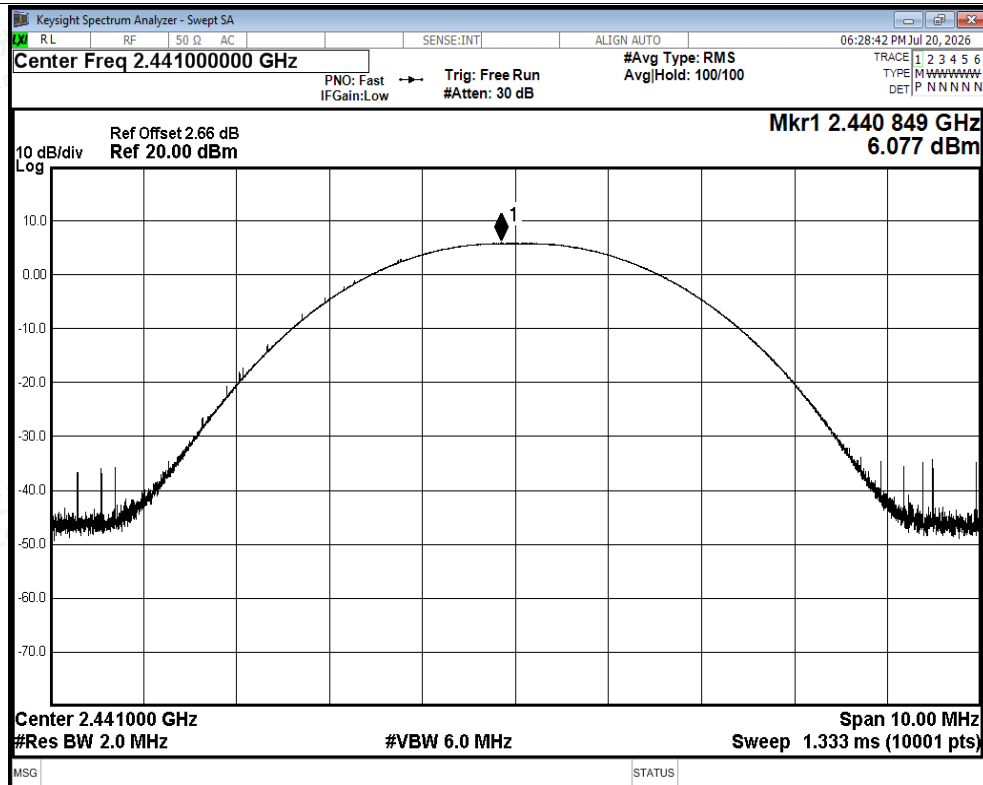
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Peak Power NVNT 1-DH5 2402MHz Ant1

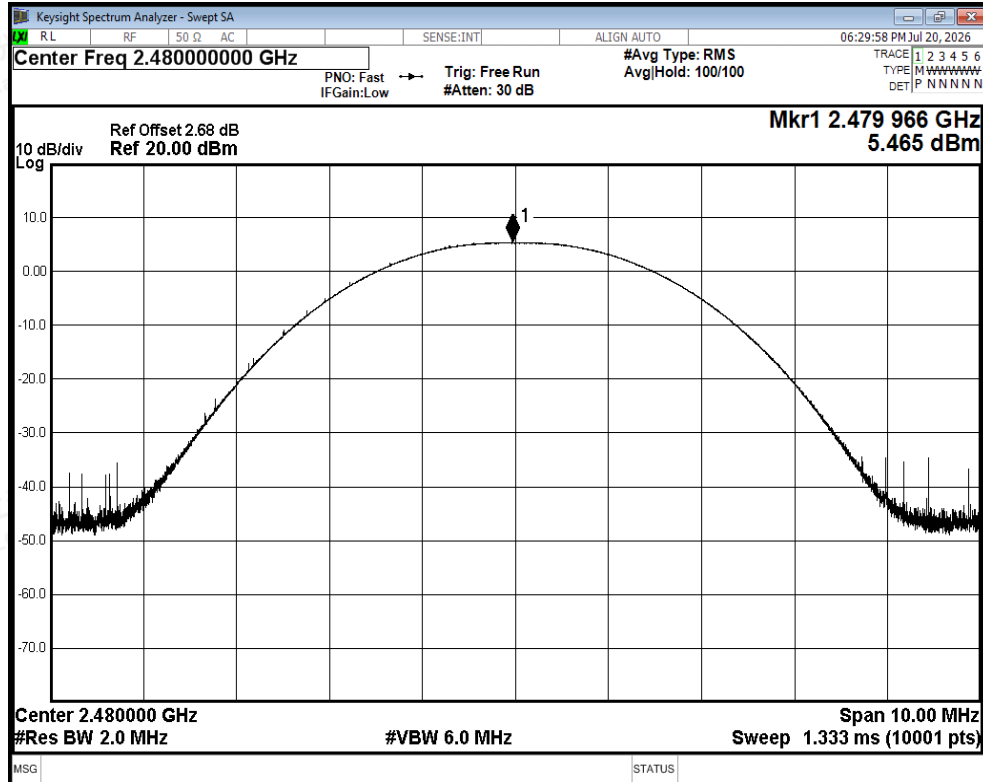


Peak Power NVNT 1-DH5 2441MHz Ant1

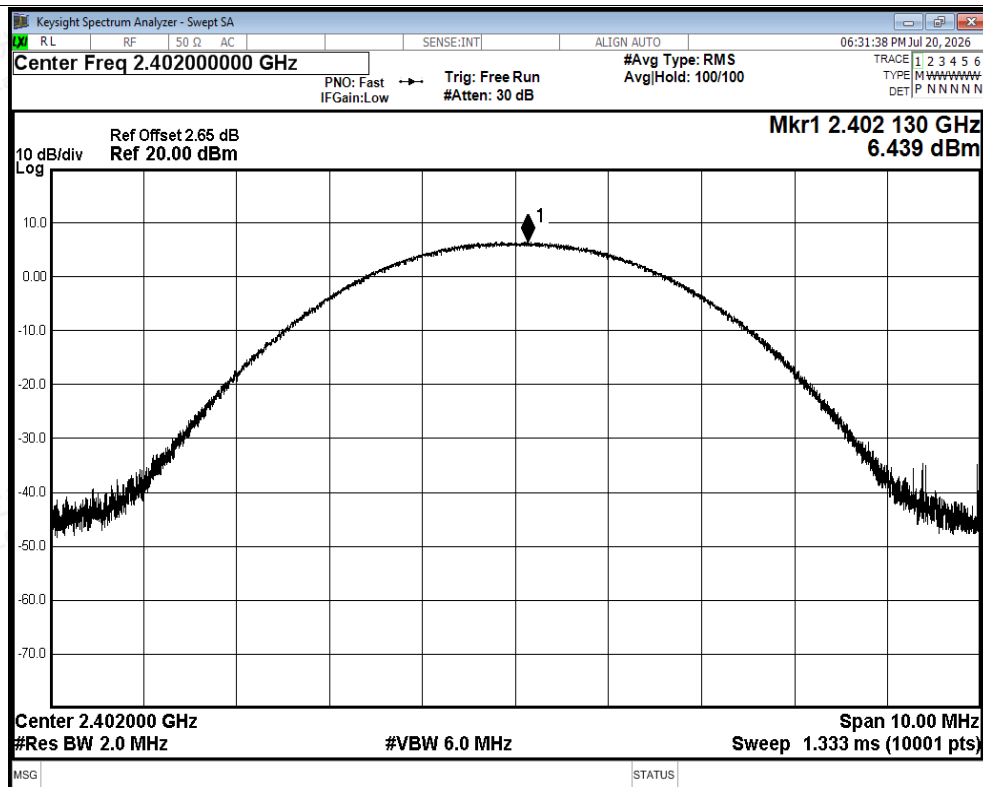
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Peak Power NVNT 1-DH5 2480MHz Ant1

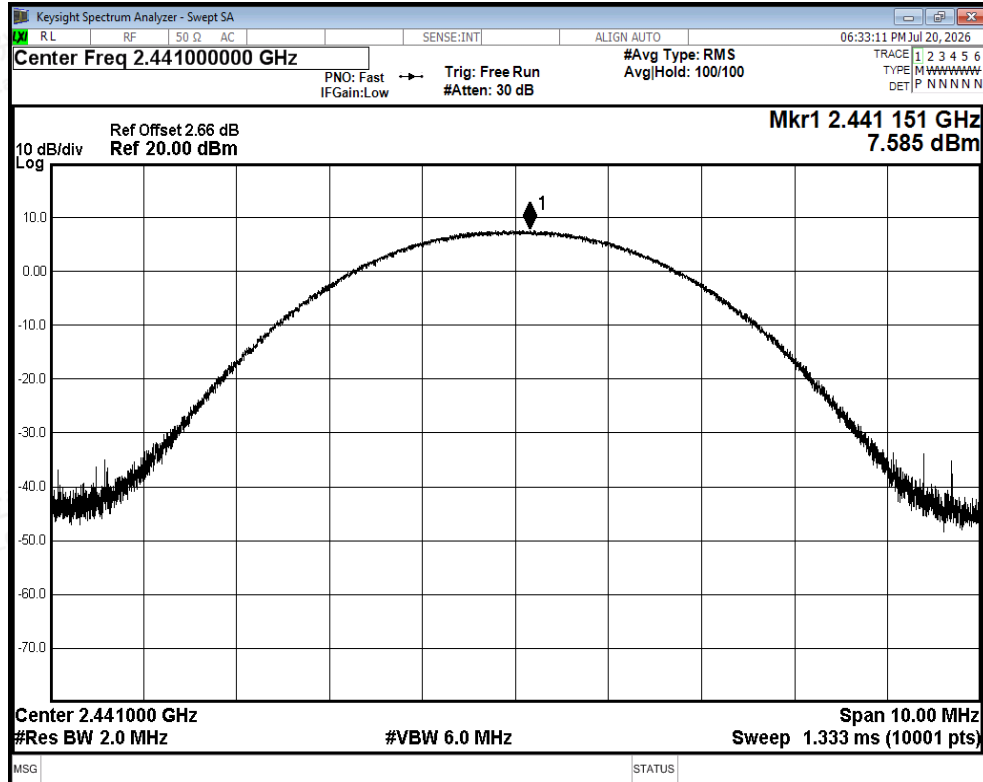


Peak Power NVNT 2-DH5 2402MHz Ant1

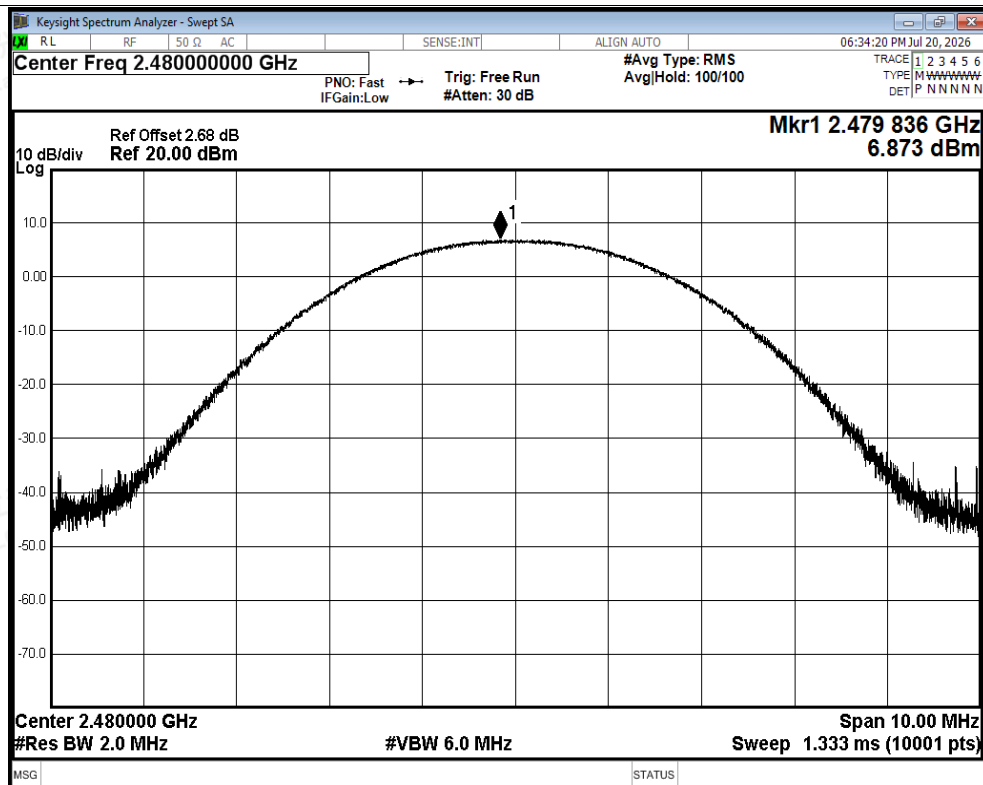
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Peak Power NVNT 2-DH5 2441MHz Ant1

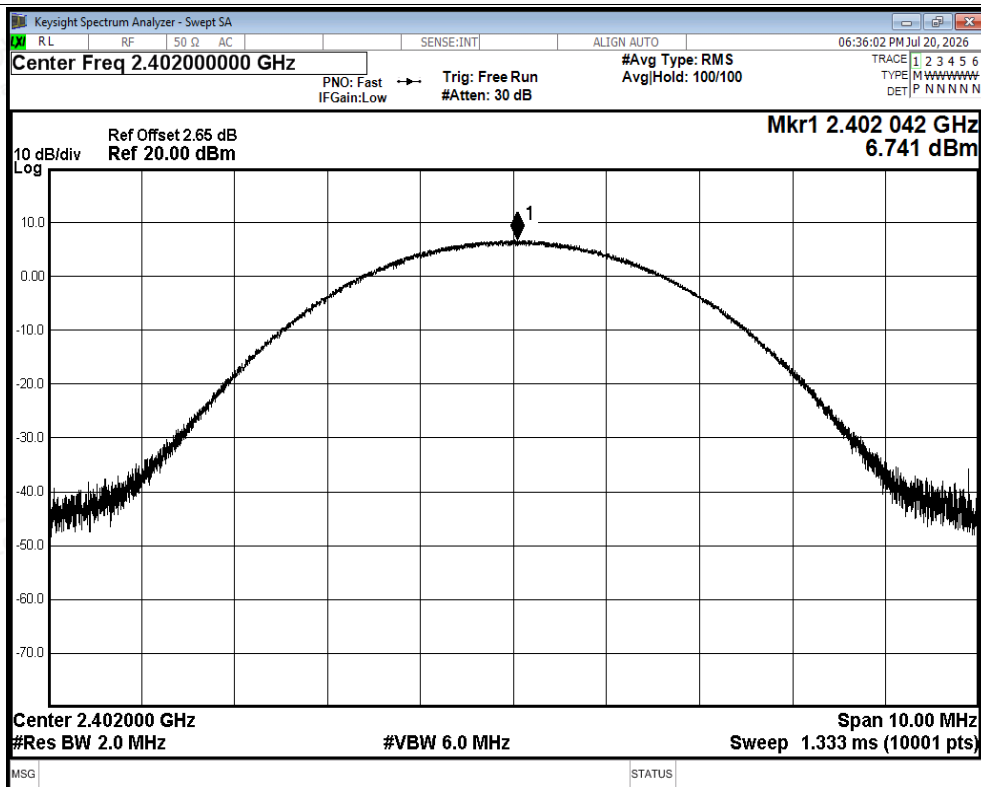


Peak Power NVNT 2-DH5 2480MHz Ant1

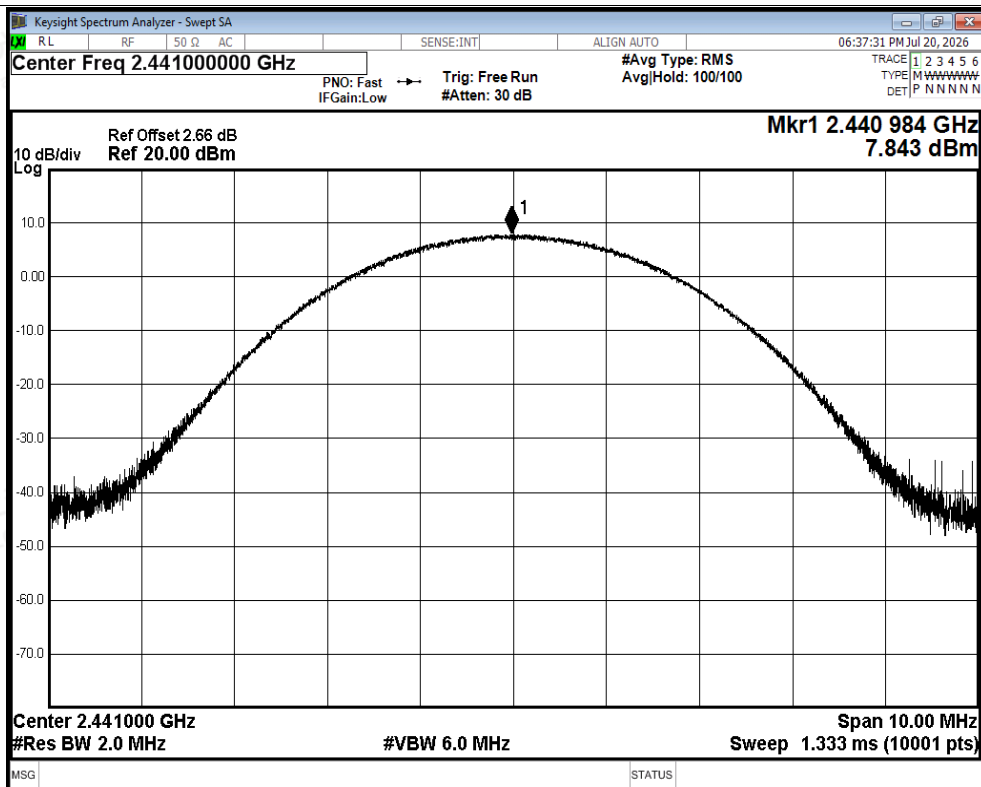
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Peak Power NVNT 3-DH5 2402MHz Ant1

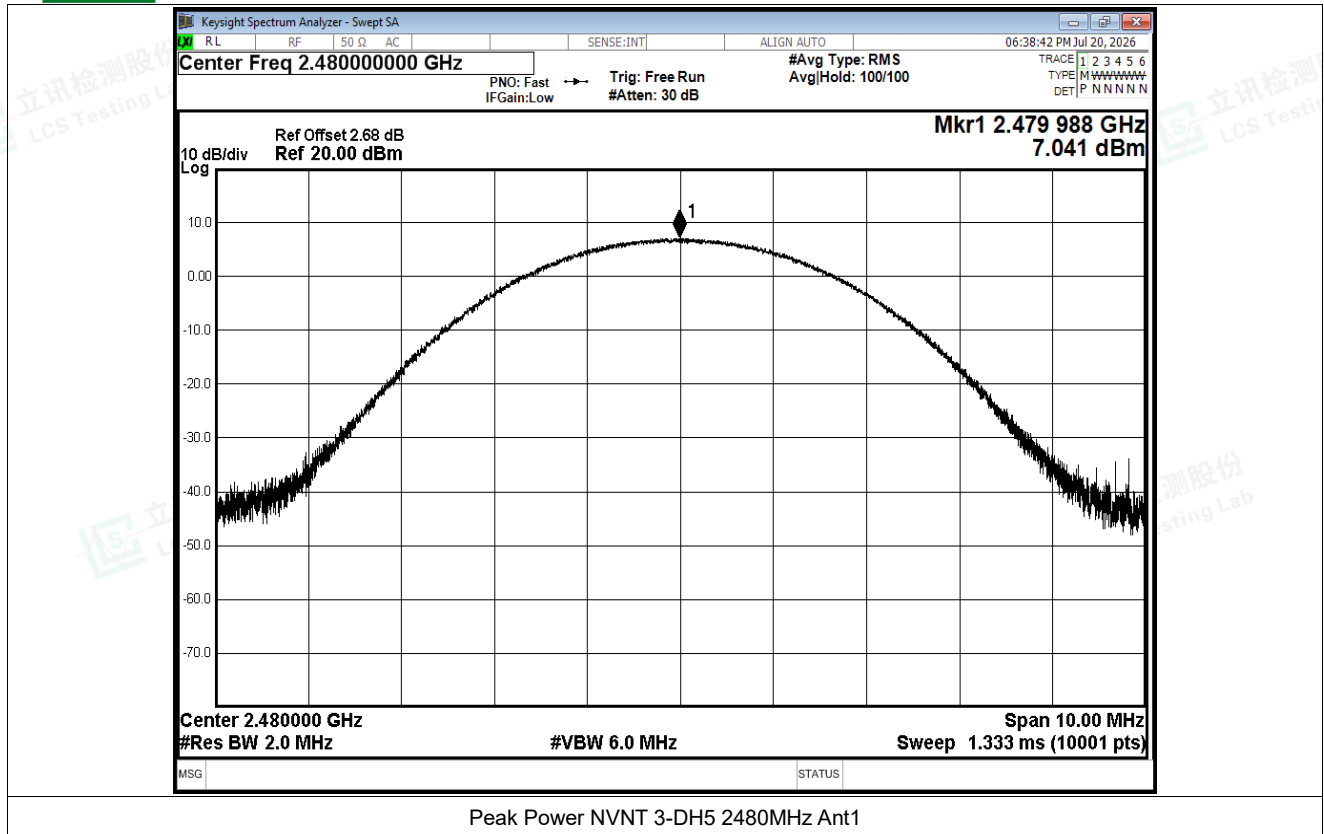


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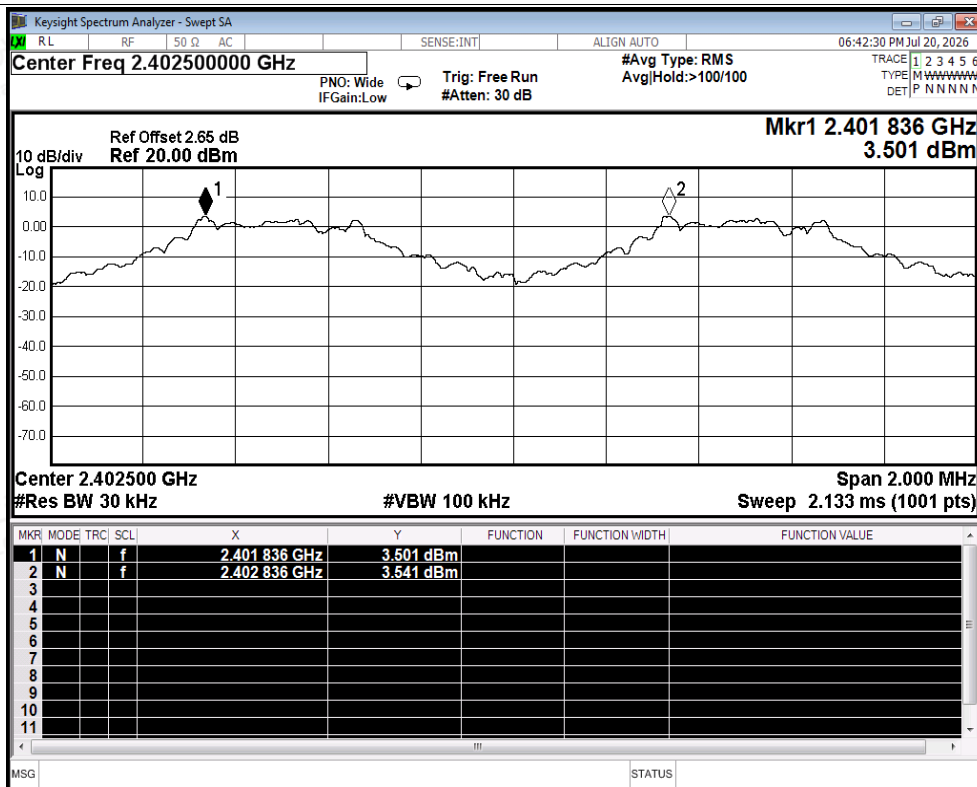
A.3 Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.836	2402.836	1	0.675	Pass
NVNT	2-DH5	Ant1	2402.01	2403.034	1.024	0.883	Pass
NVNT	3-DH5	Ant1	2402.026	2403.004	0.978	0.868	Pass

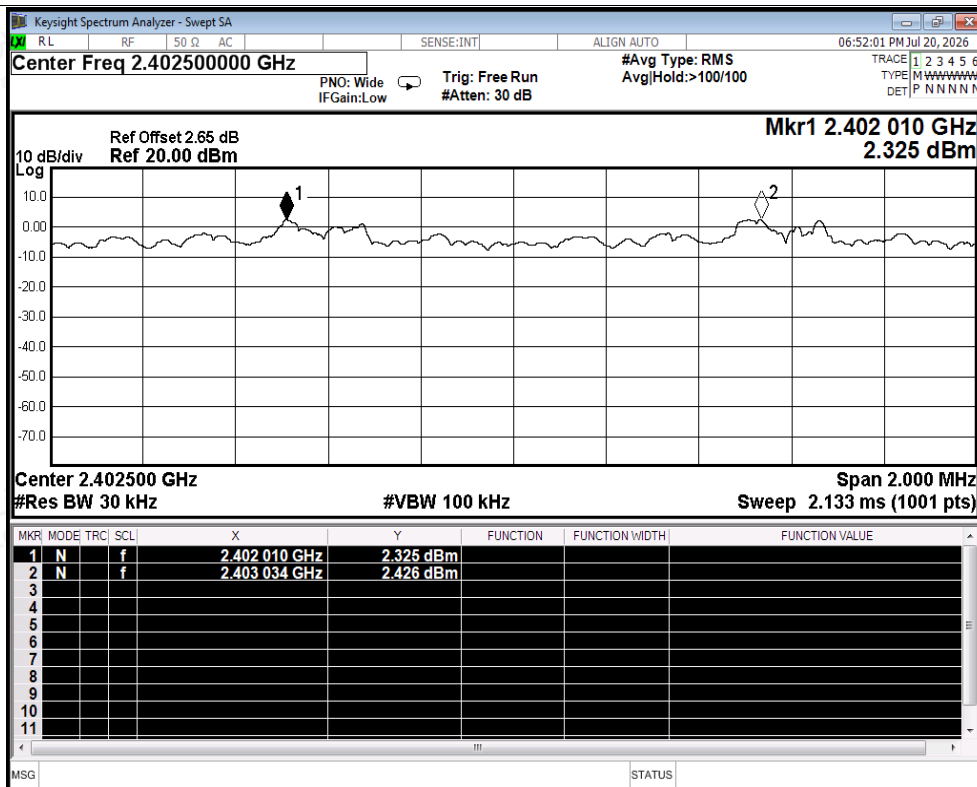
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CFS NVNT 1-DH5 2402MHz Ant1

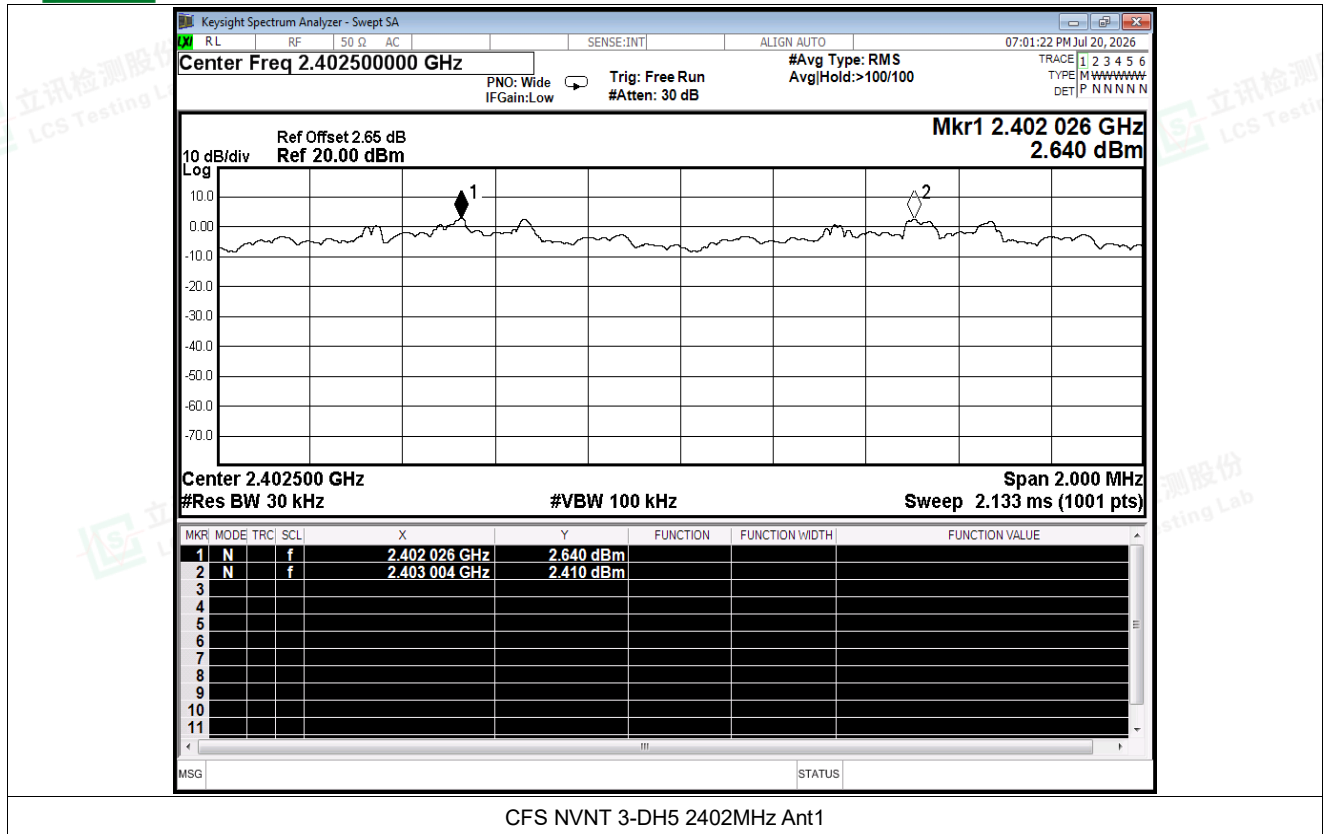


CFS NVNT 2-DH5 2402MHz Ant1

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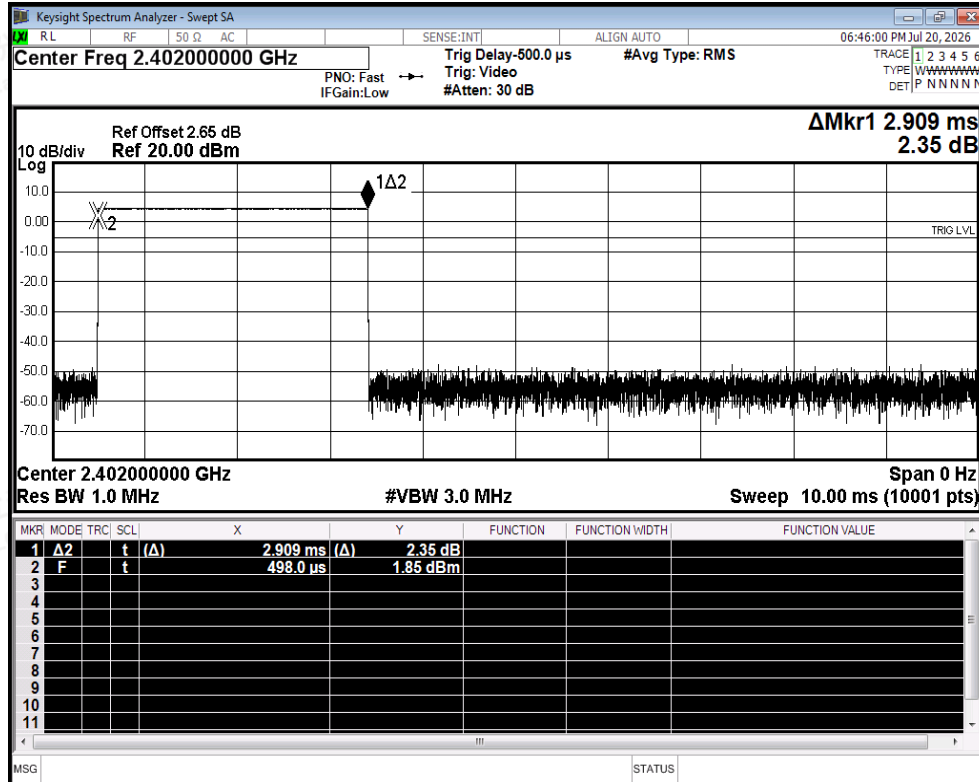
Add: Room 101/201, Building A, and Room 101/301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Subdistrict, Bao'an District, Shenzhen, Guangdong, China

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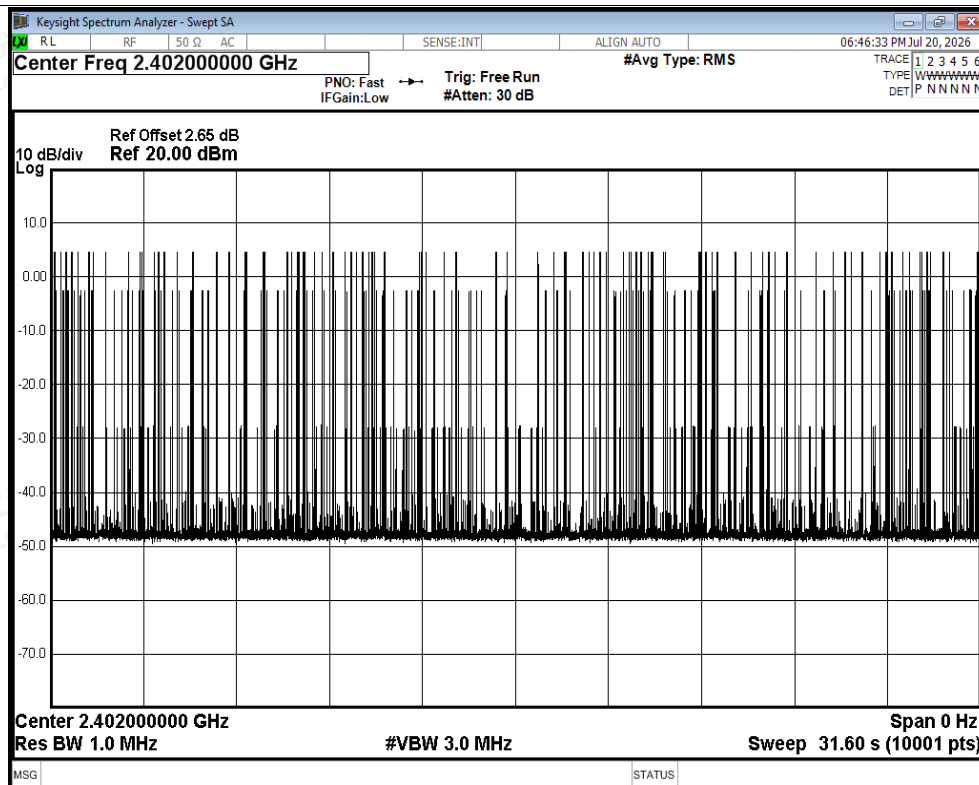


A.4 Dwell Time

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	2.909	325.808	112	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.897	281.009	97	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.897	324.464	112	31600	400	Pass



Dwell NVNT 1-DH5 2402MHz Ant1 One Burst

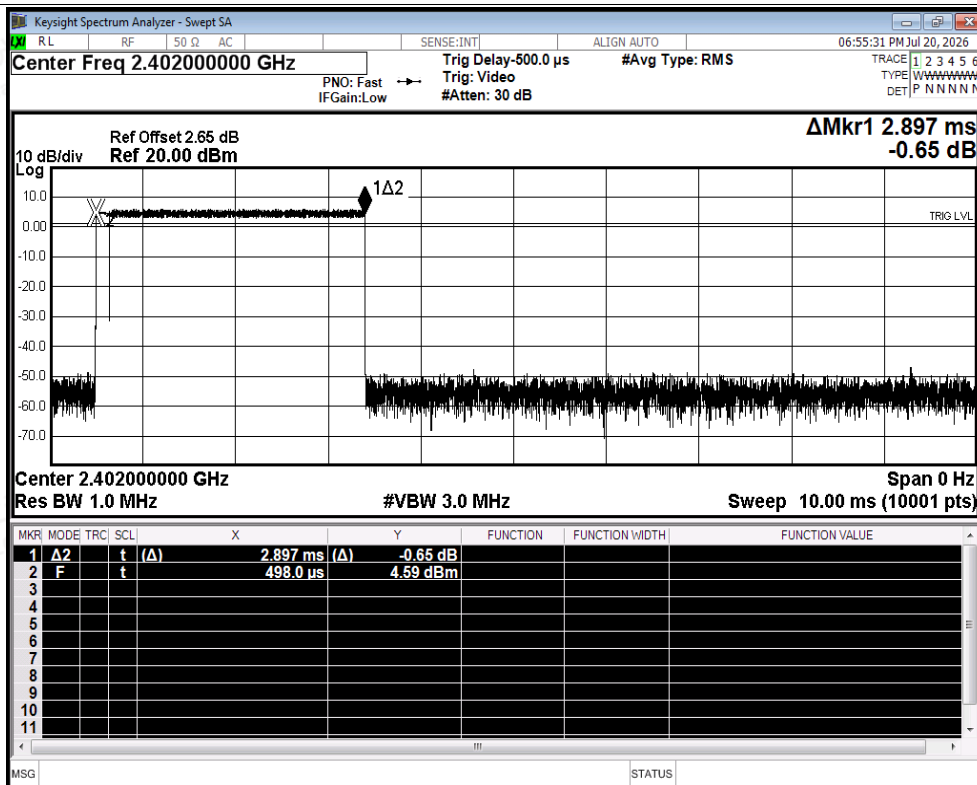


Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated

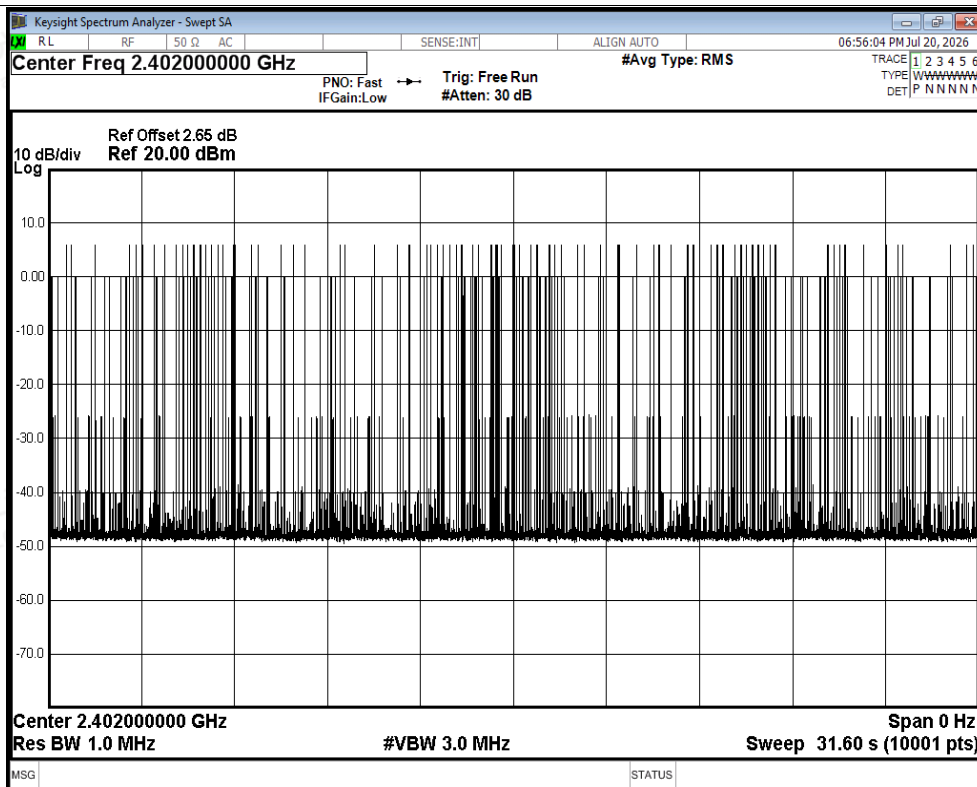
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Dwell NVNT 2-DH5 2402MHz Ant1 One Burst

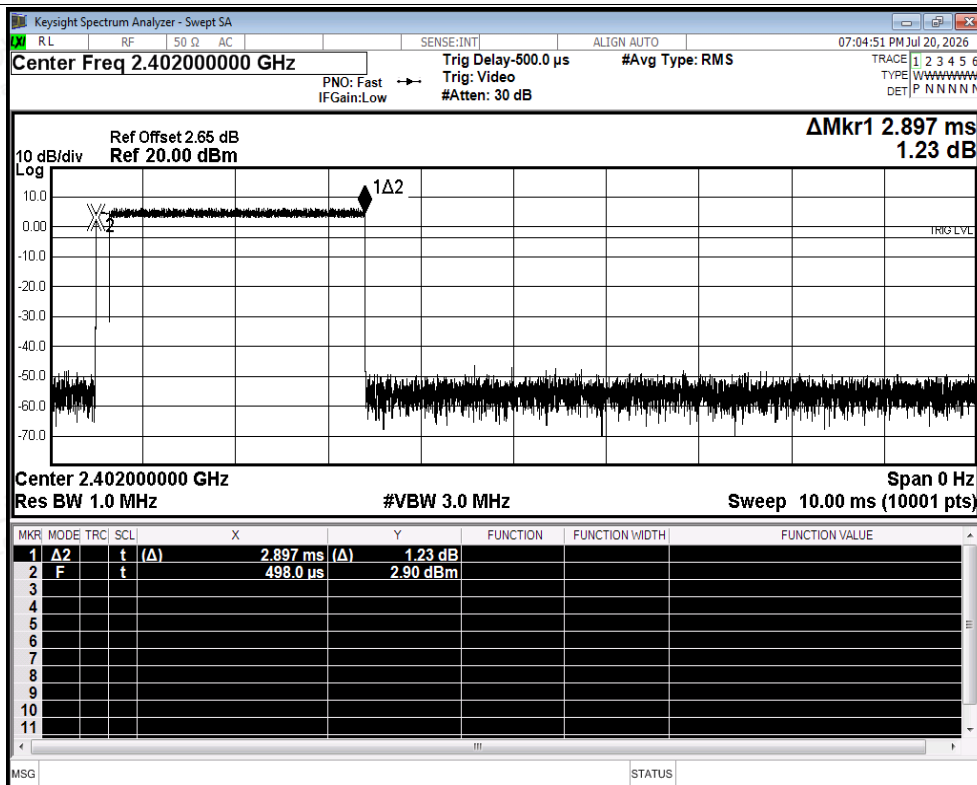


Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated

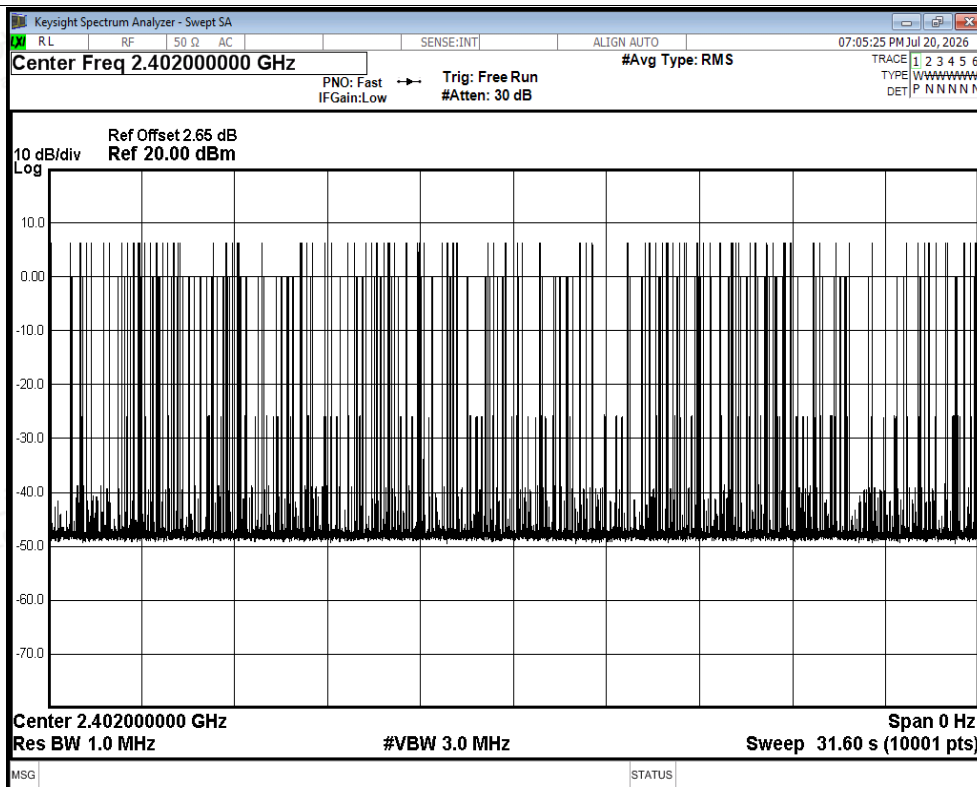
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Dwell NVNT 3-DH5 2402MHz Ant1 One Burst



Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated

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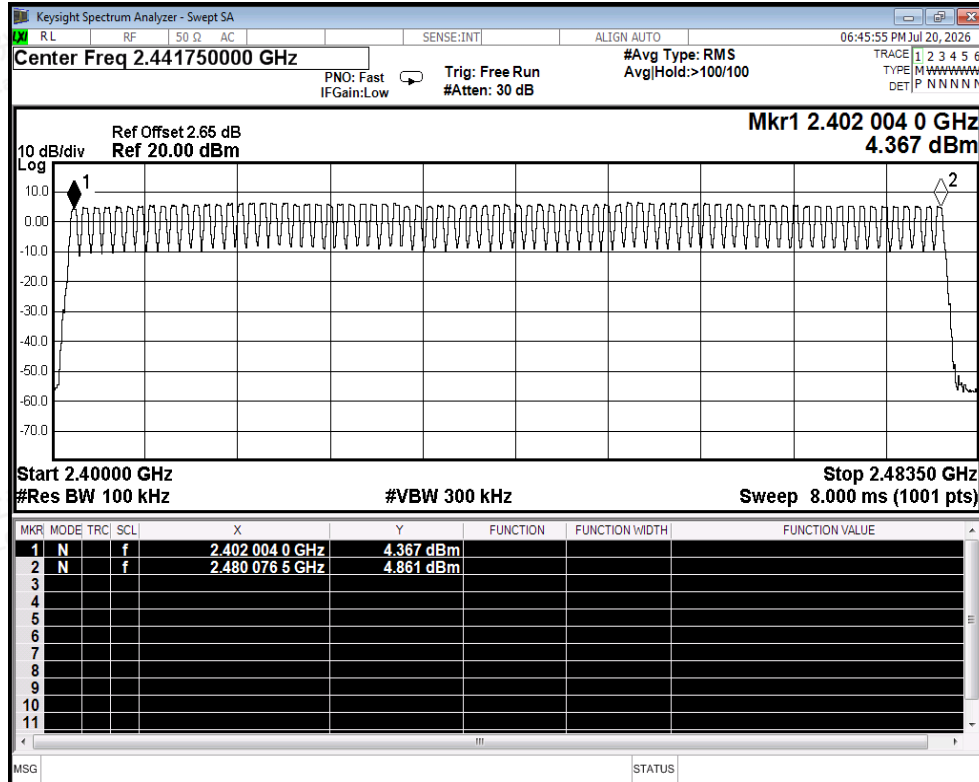
A.5 Number of Hopping Channel

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

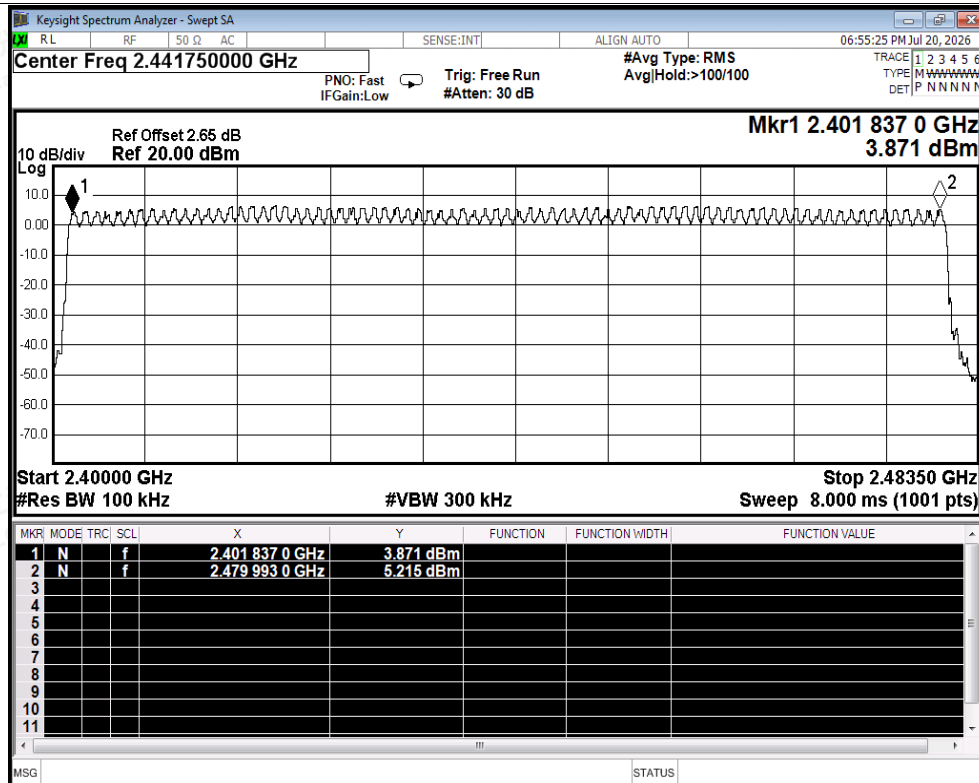
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Hopping No. NVNT 1-DH5 2402MHz Ant1

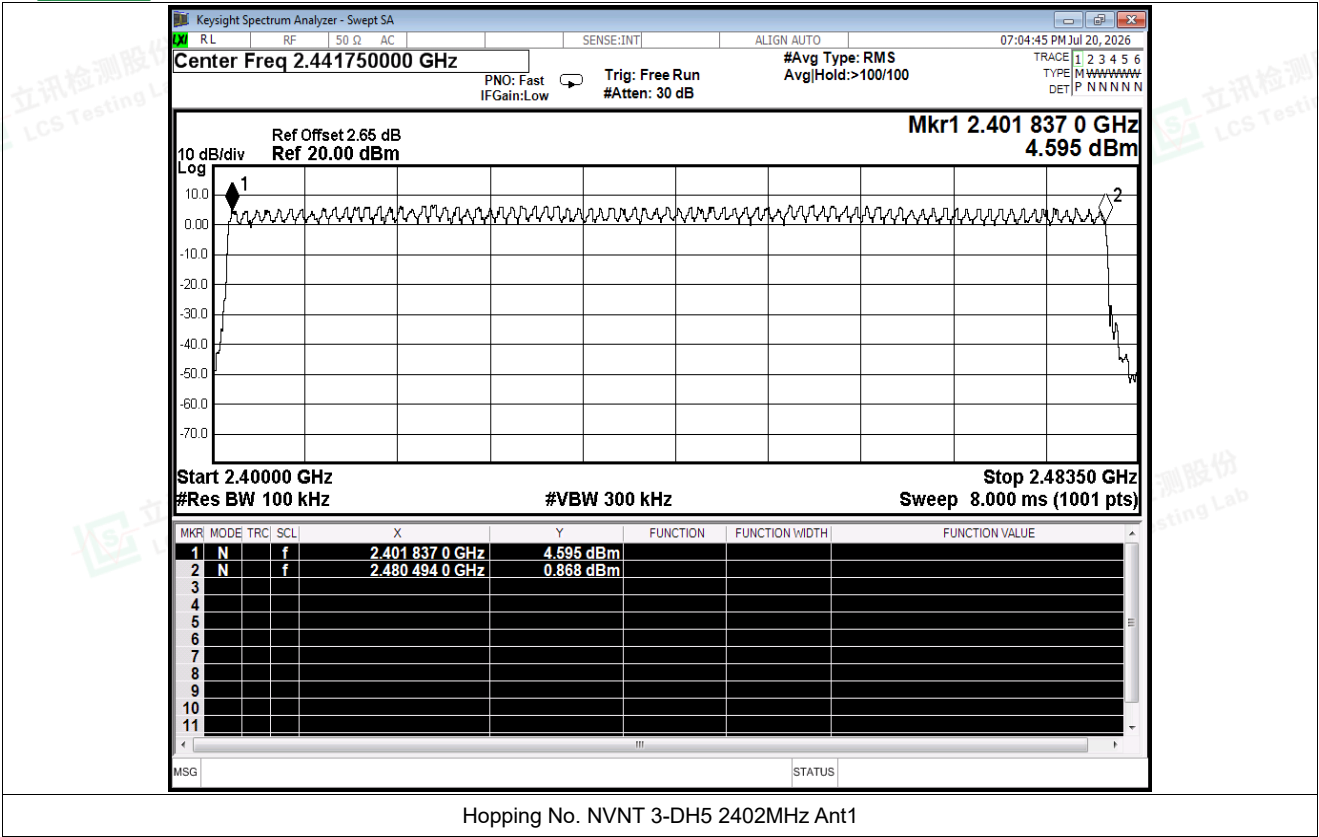


Hopping No. NVNT 2-DH5 2402MHz Ant1

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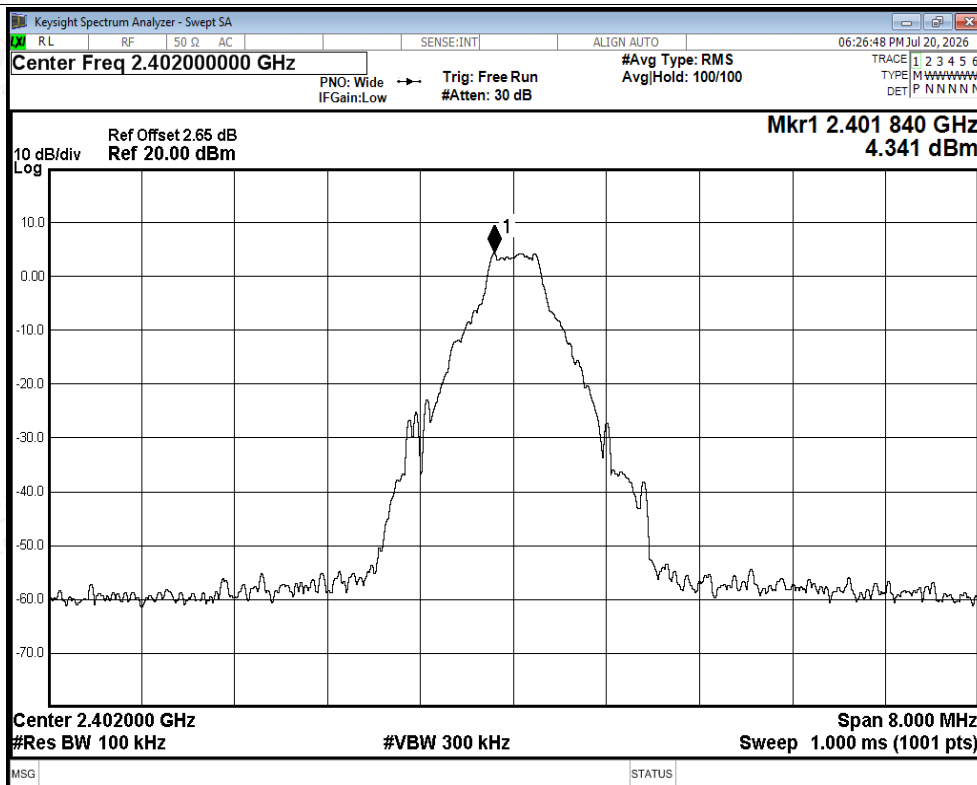
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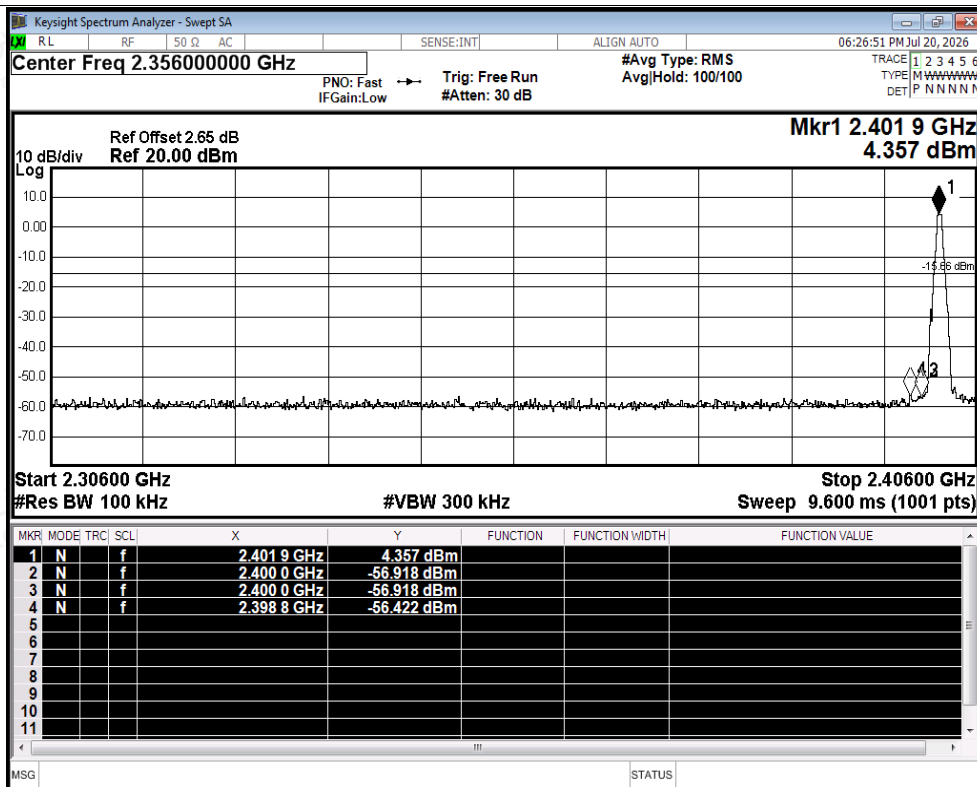


A.6 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-60.76	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-62.01	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-54.75	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-58.07	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-51.77	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-54.74	-20	Pass



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

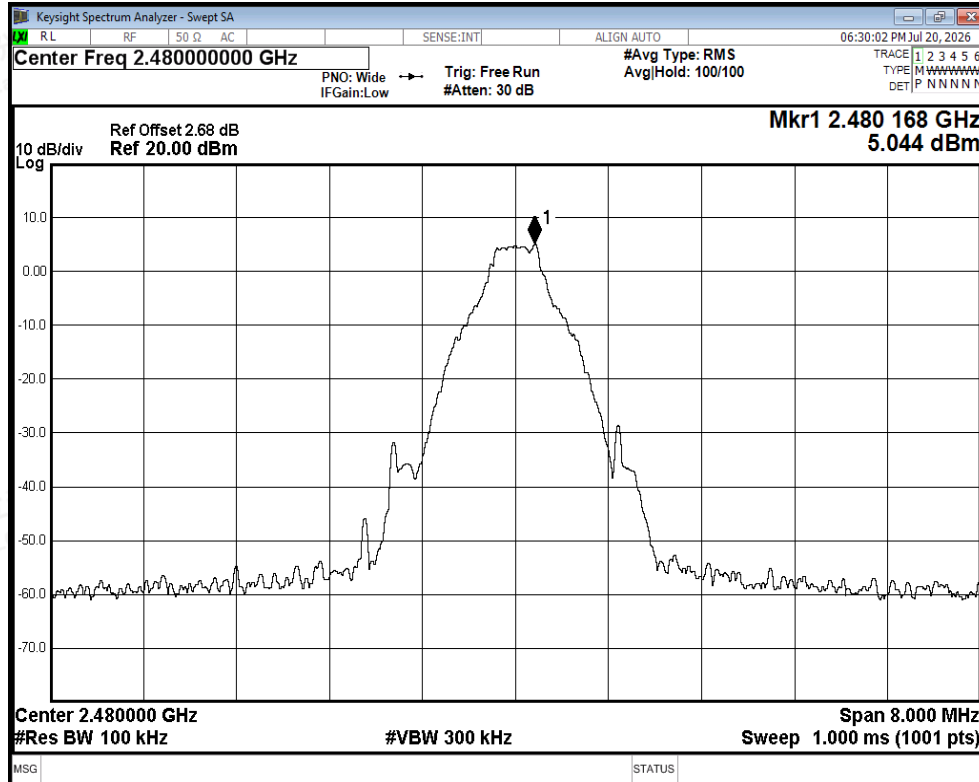


Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission

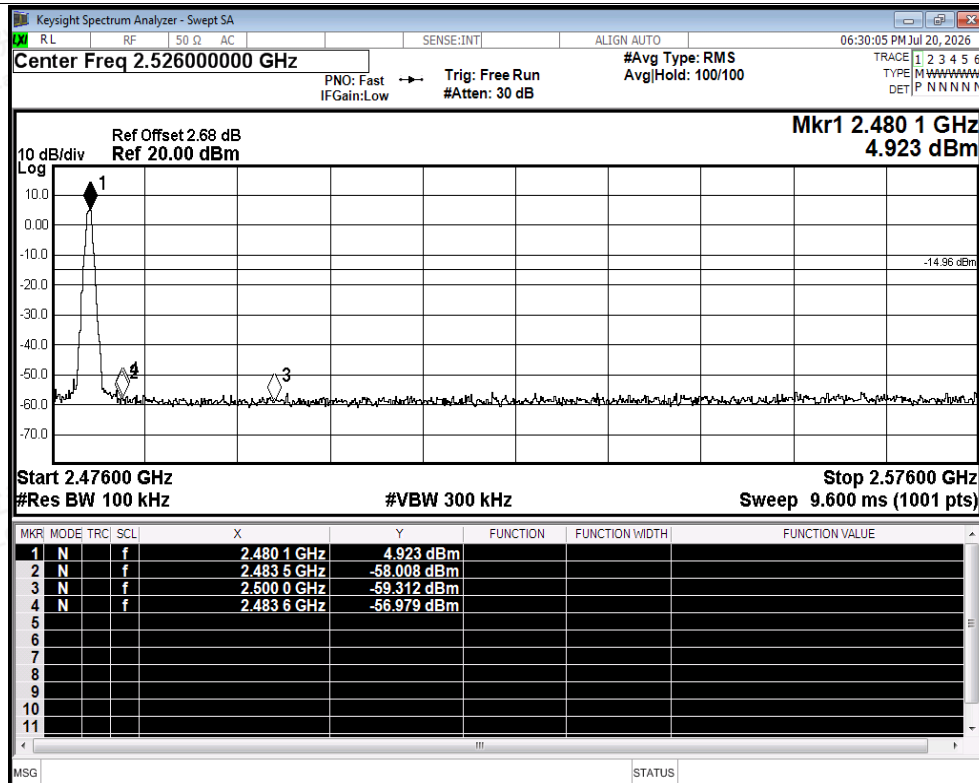
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Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref

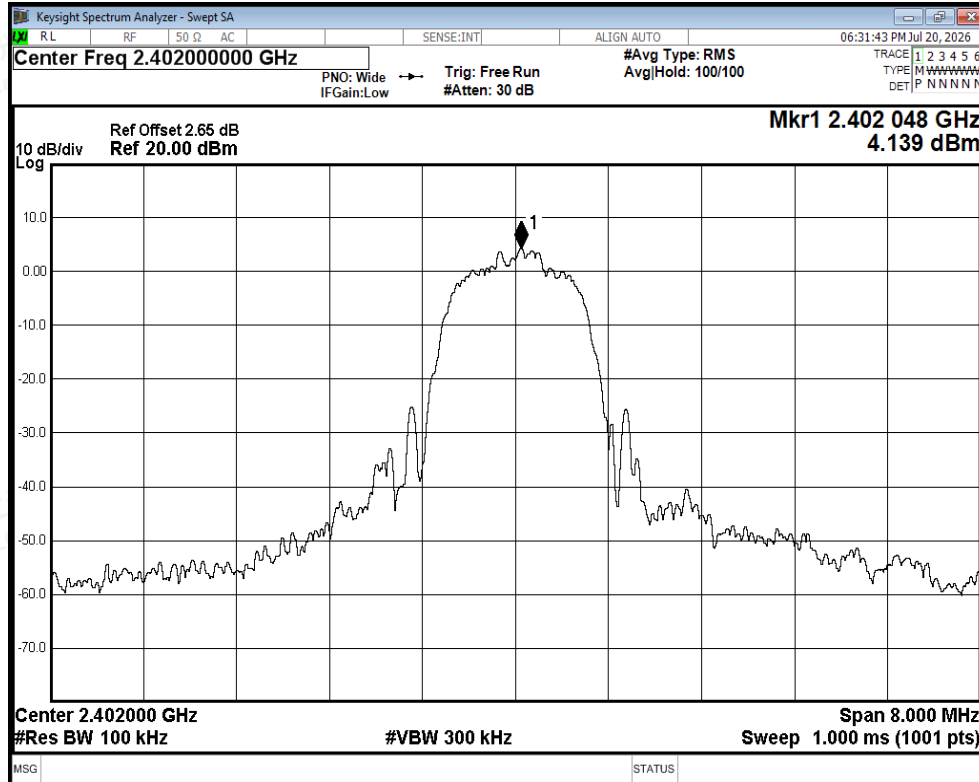


Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission

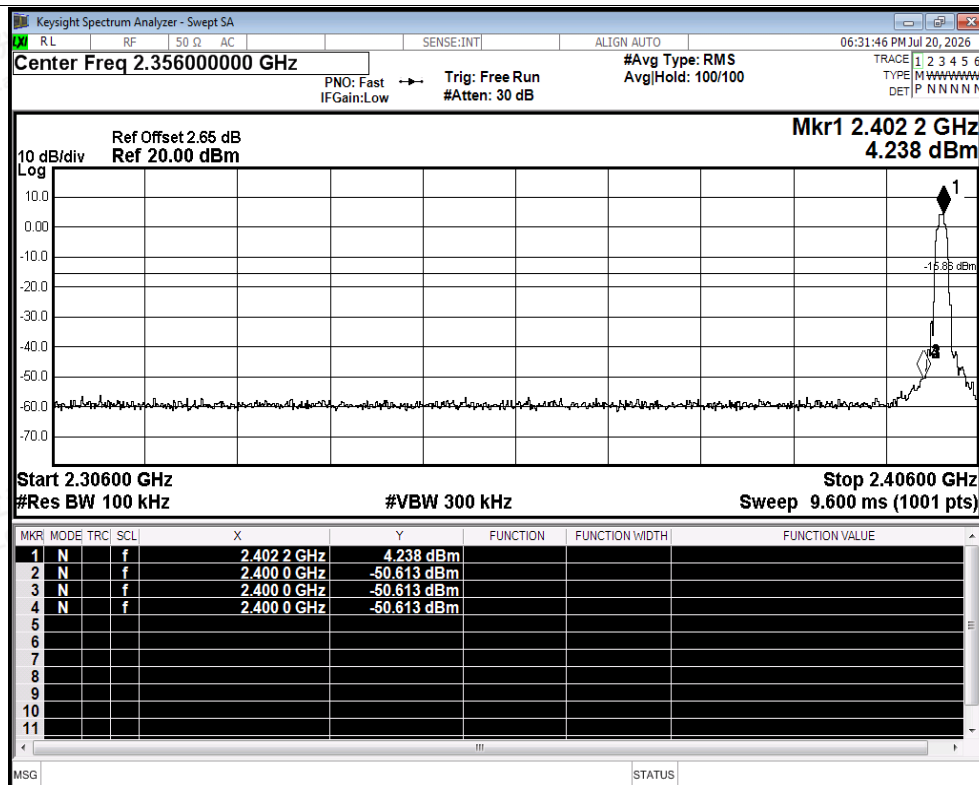
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Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref

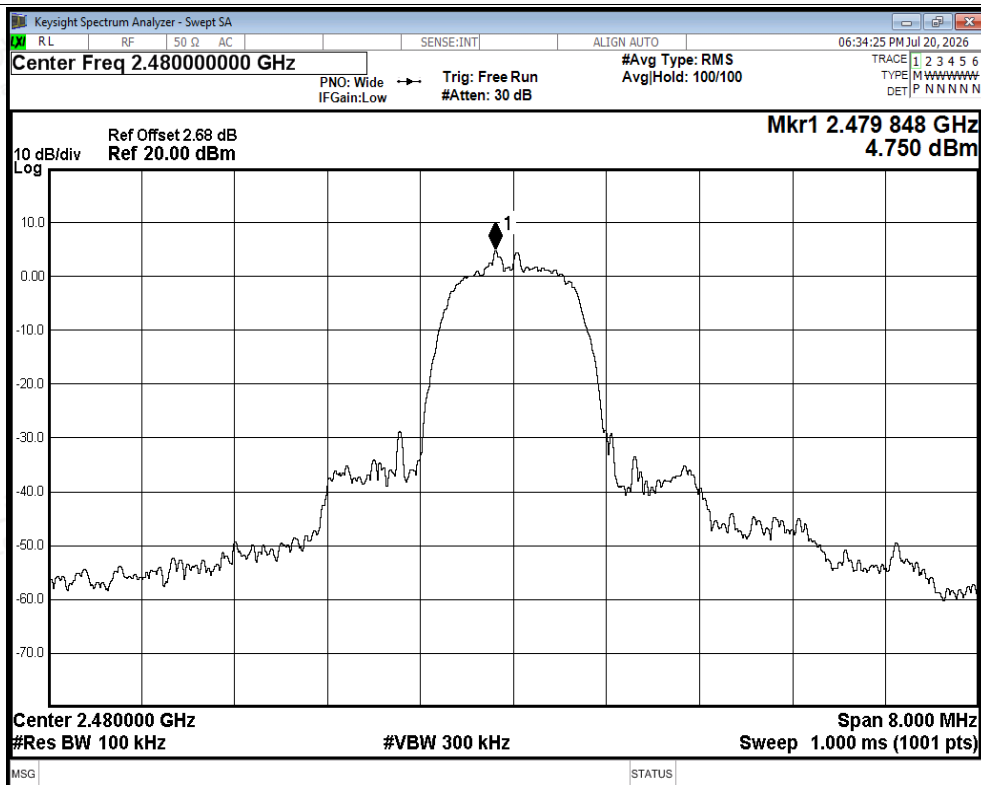


Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission

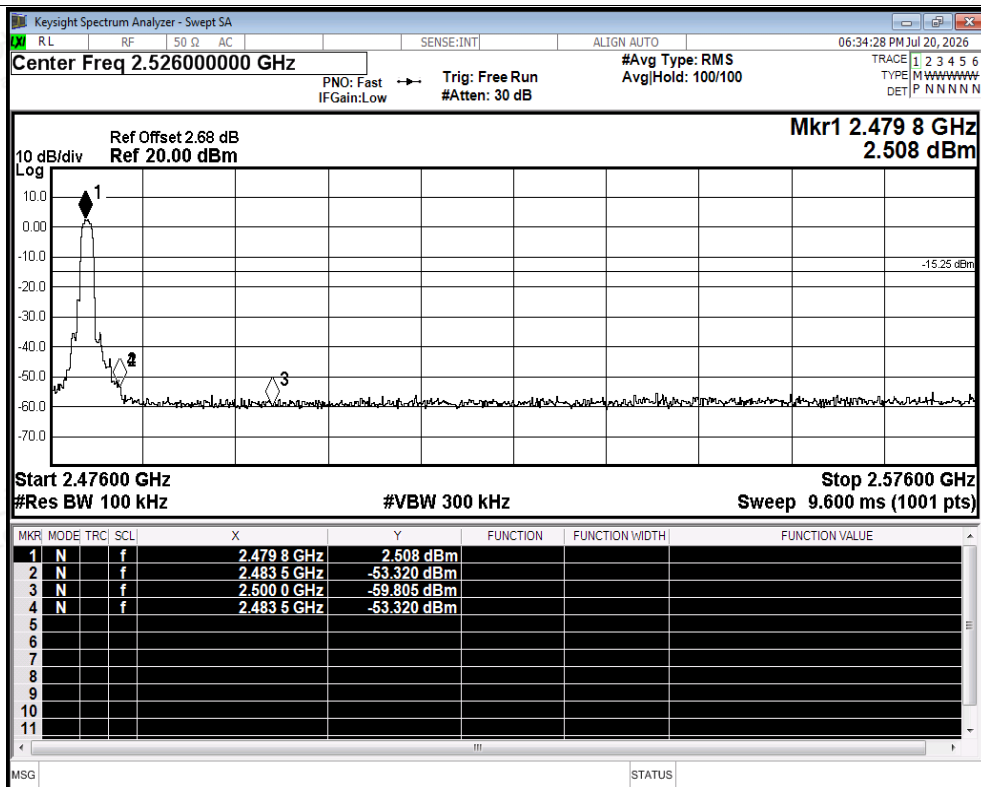
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Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref

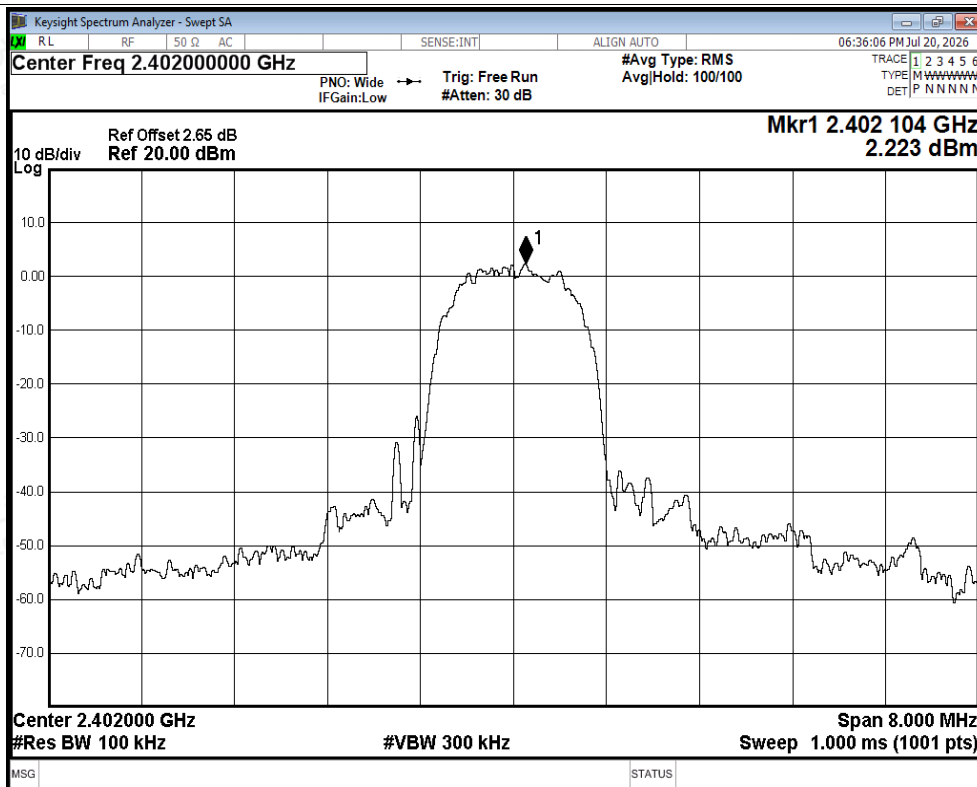


Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission

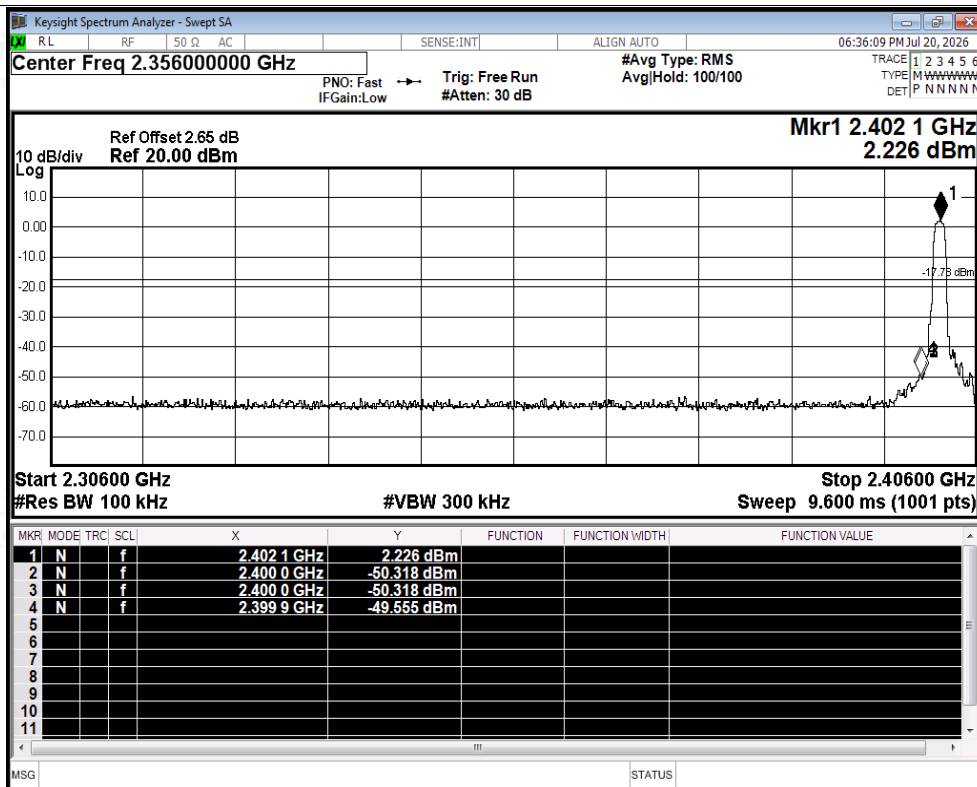
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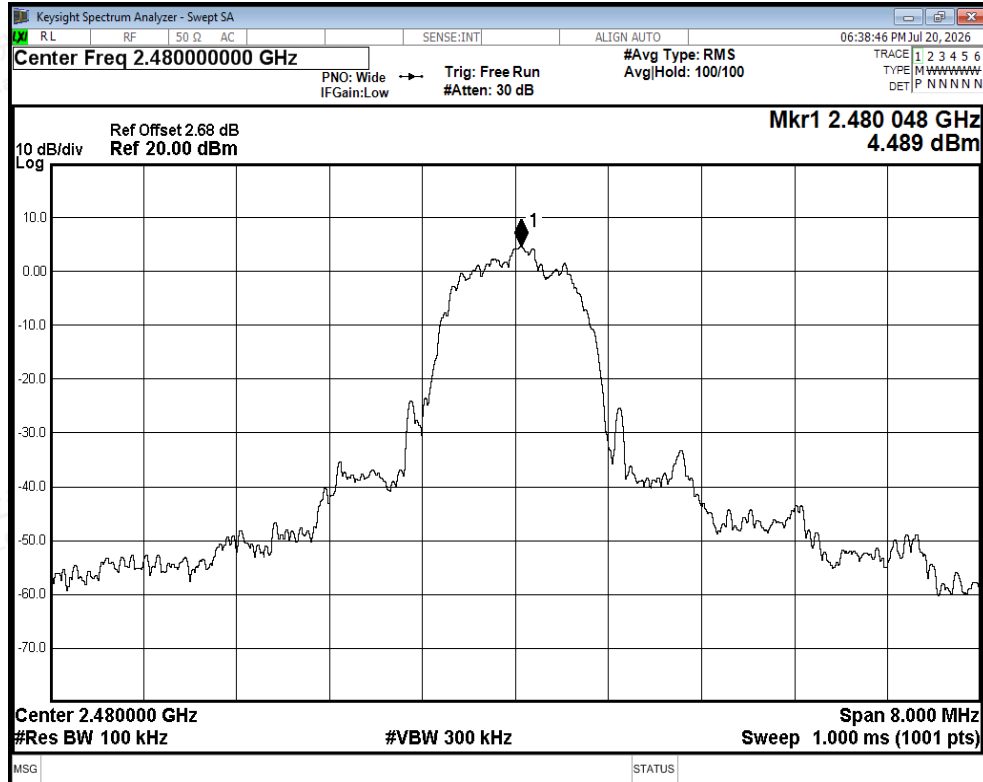


Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission

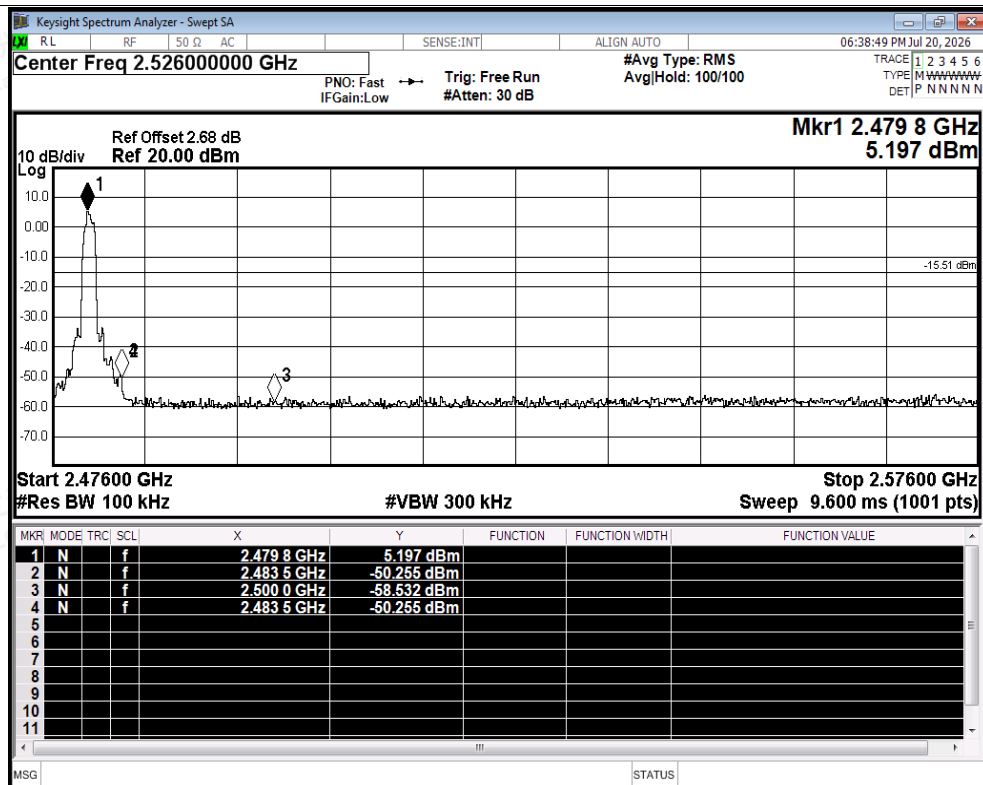
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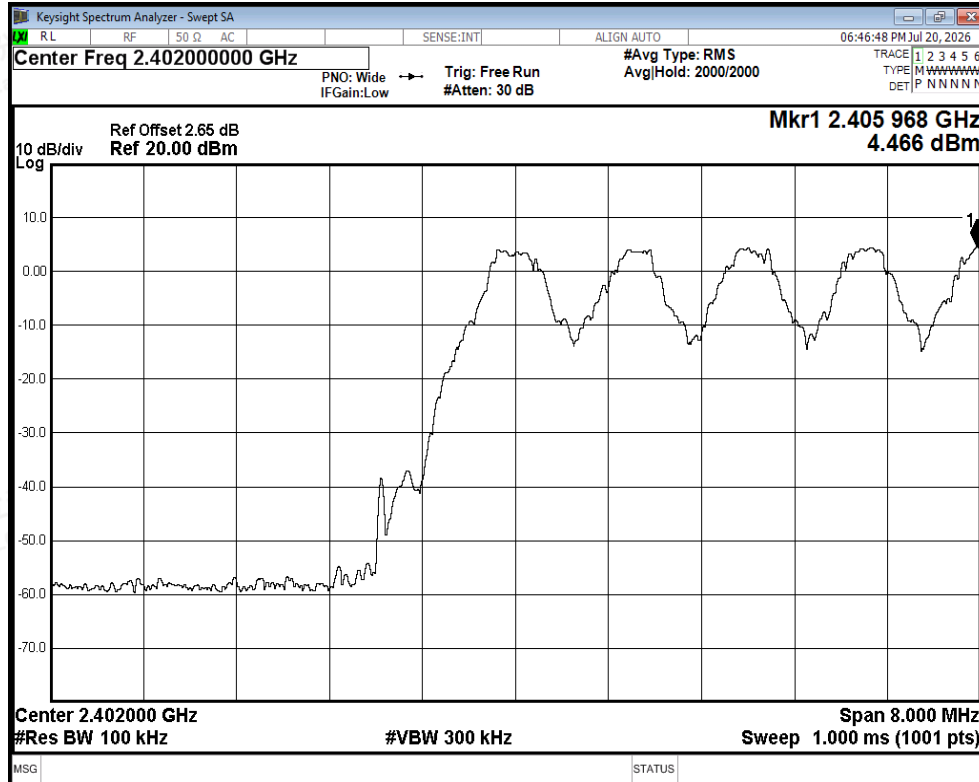
(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-59.75	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-60.59	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-59.25	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-56.52	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-60.12	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-56.91	-20	Pass

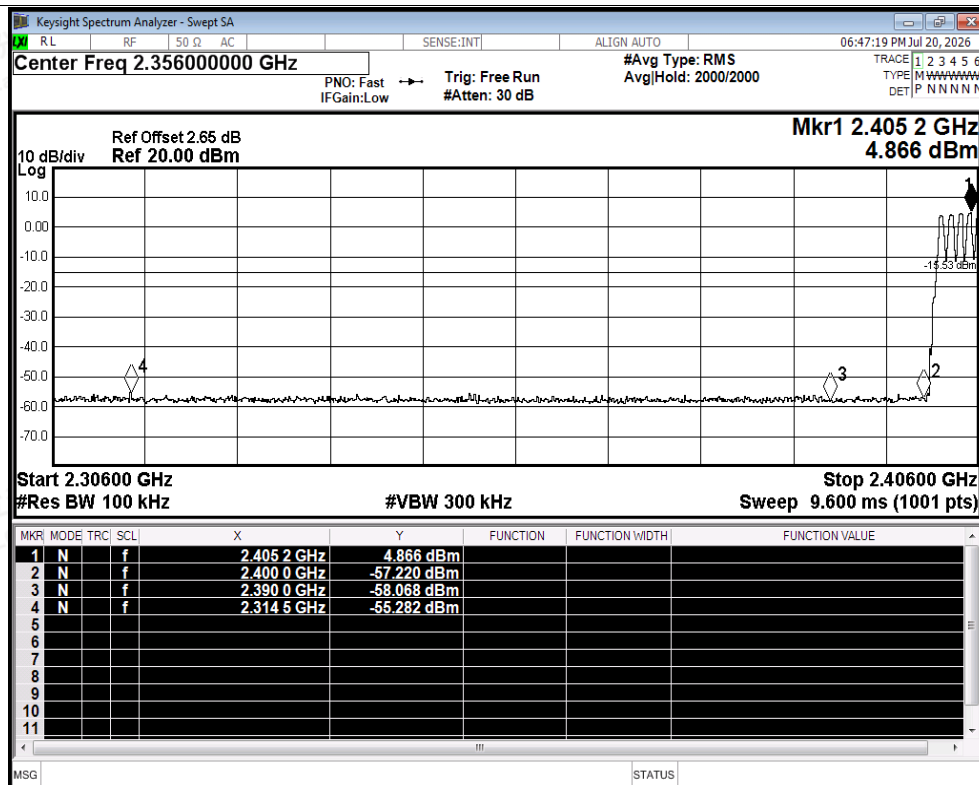
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

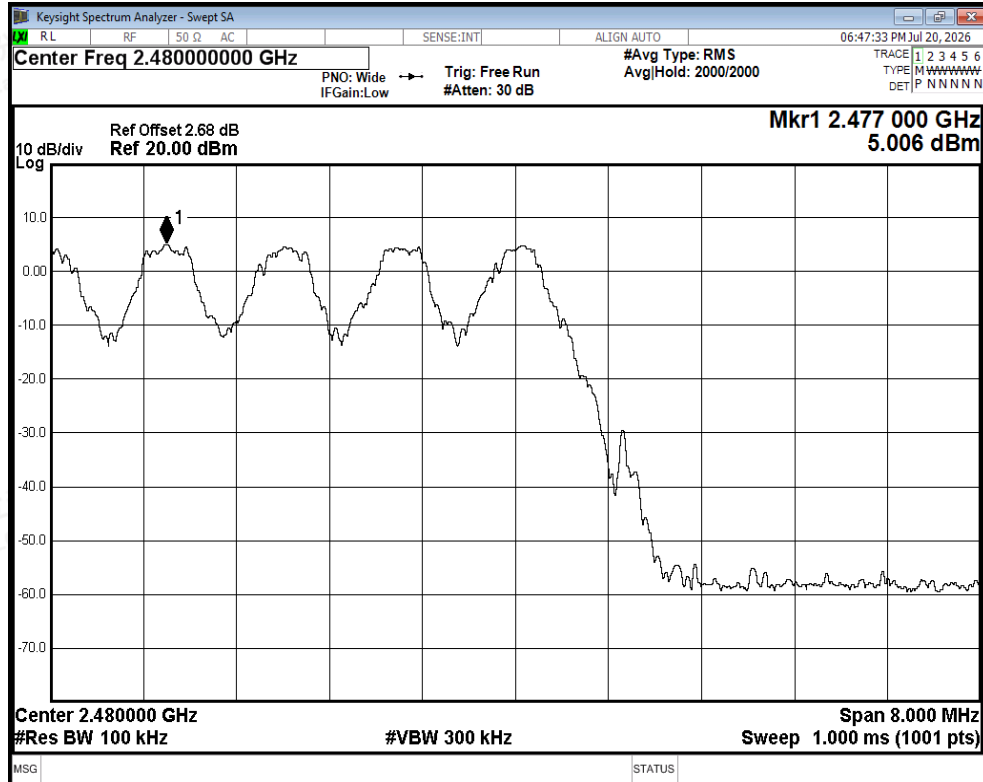


Band Edge (Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission

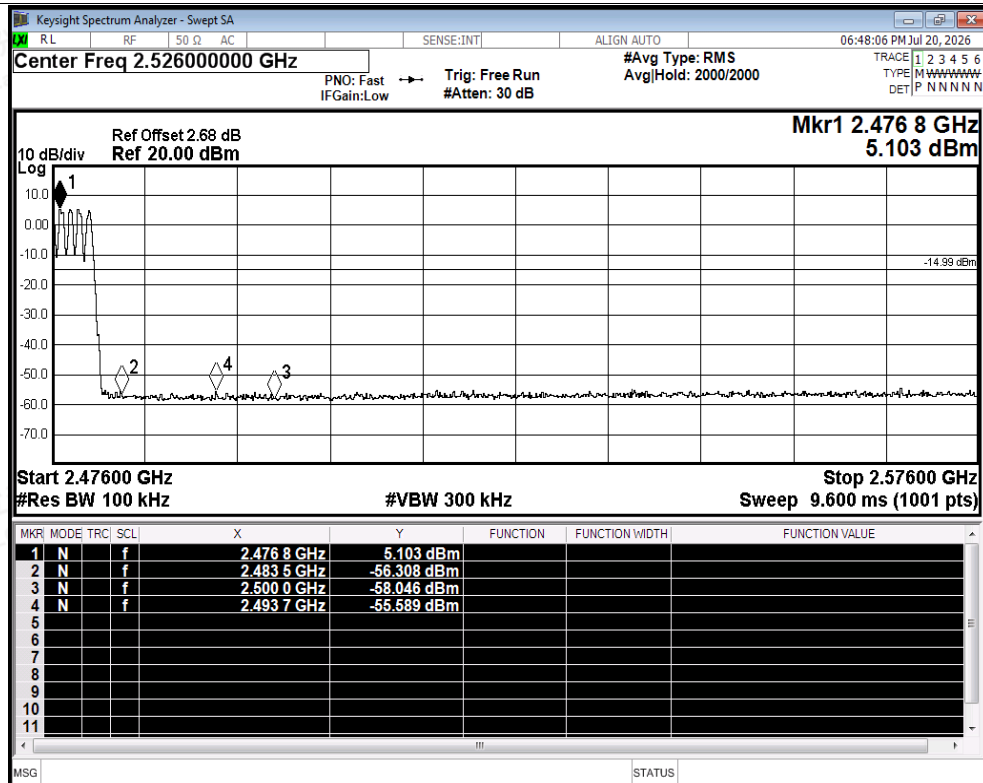
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

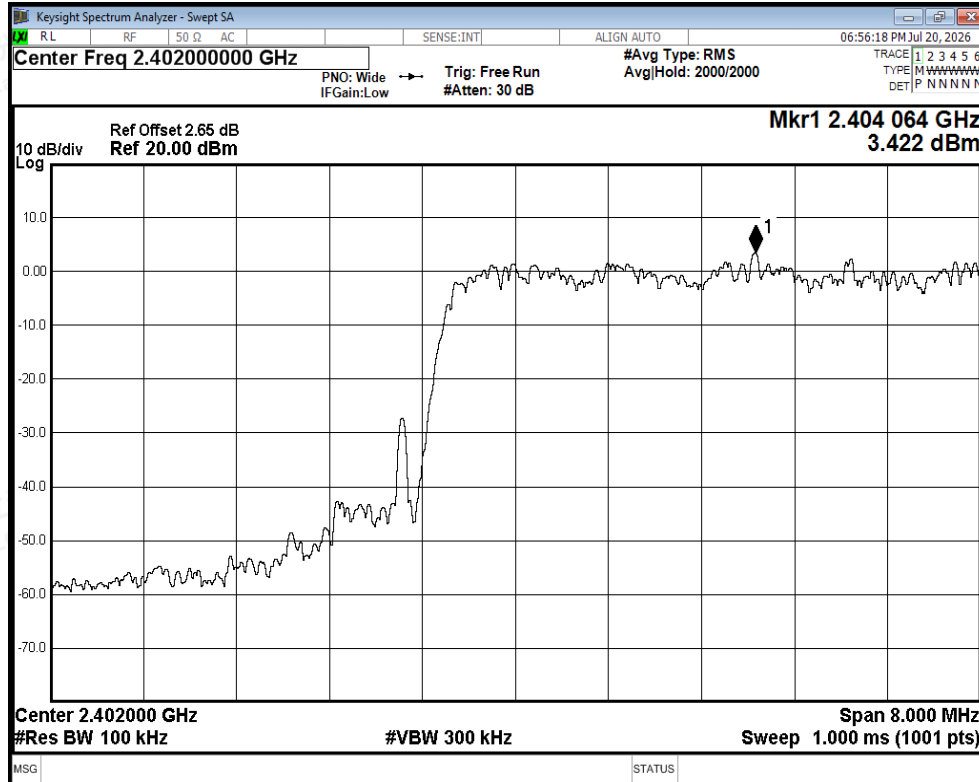


Band Edge (Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission

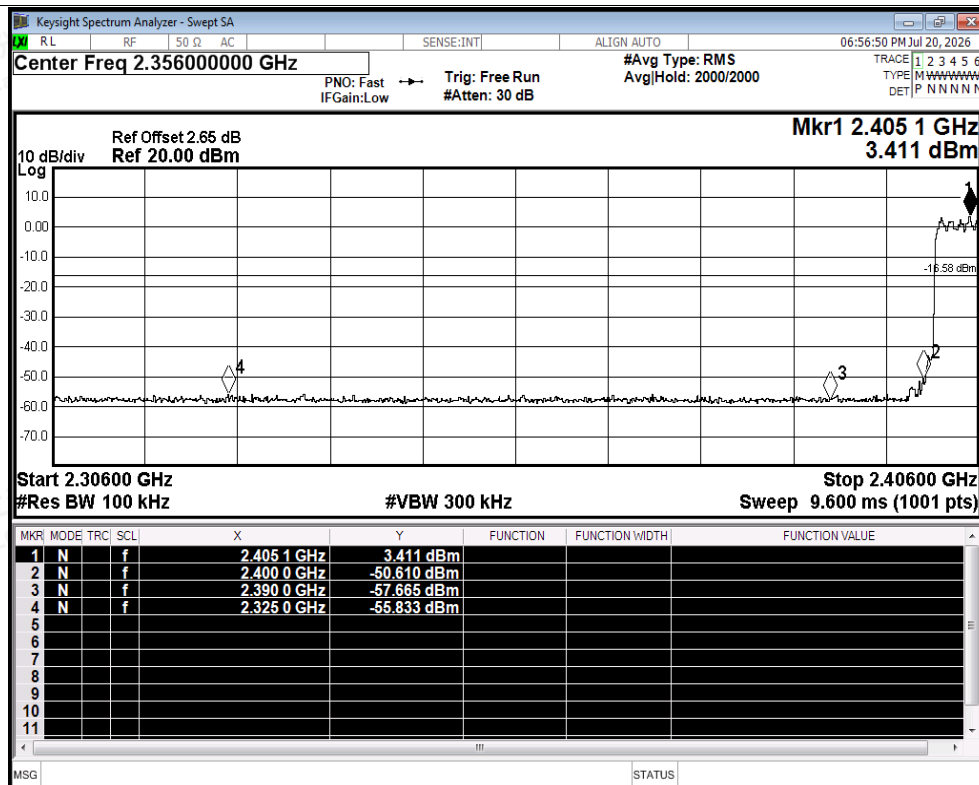
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

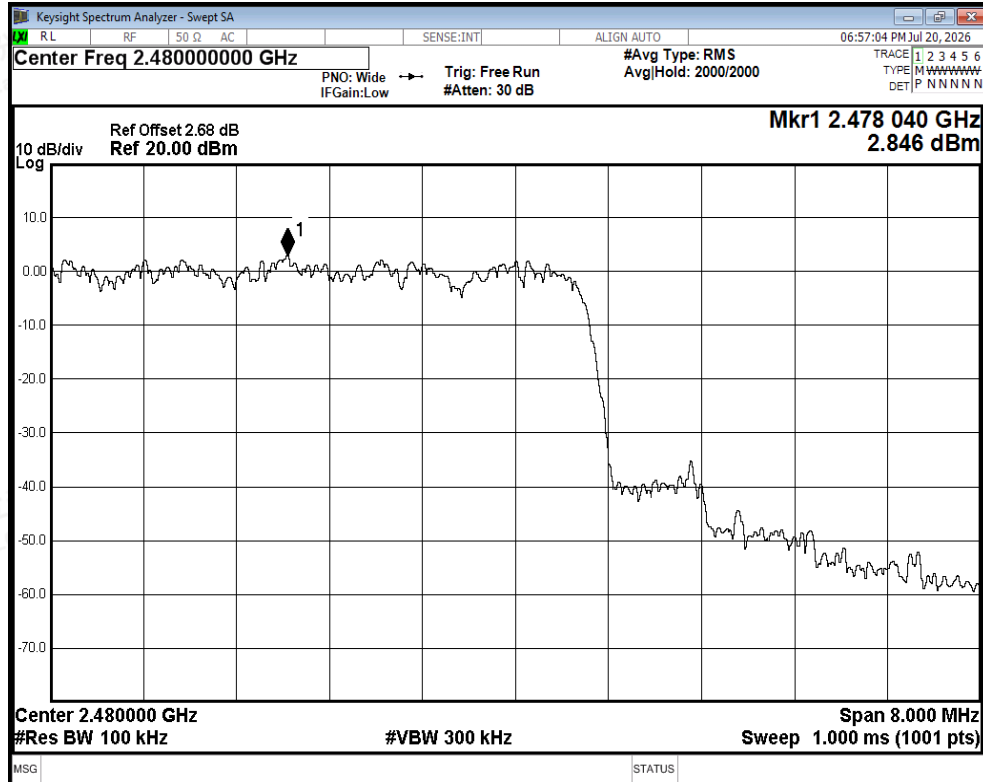


Band Edge (Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission

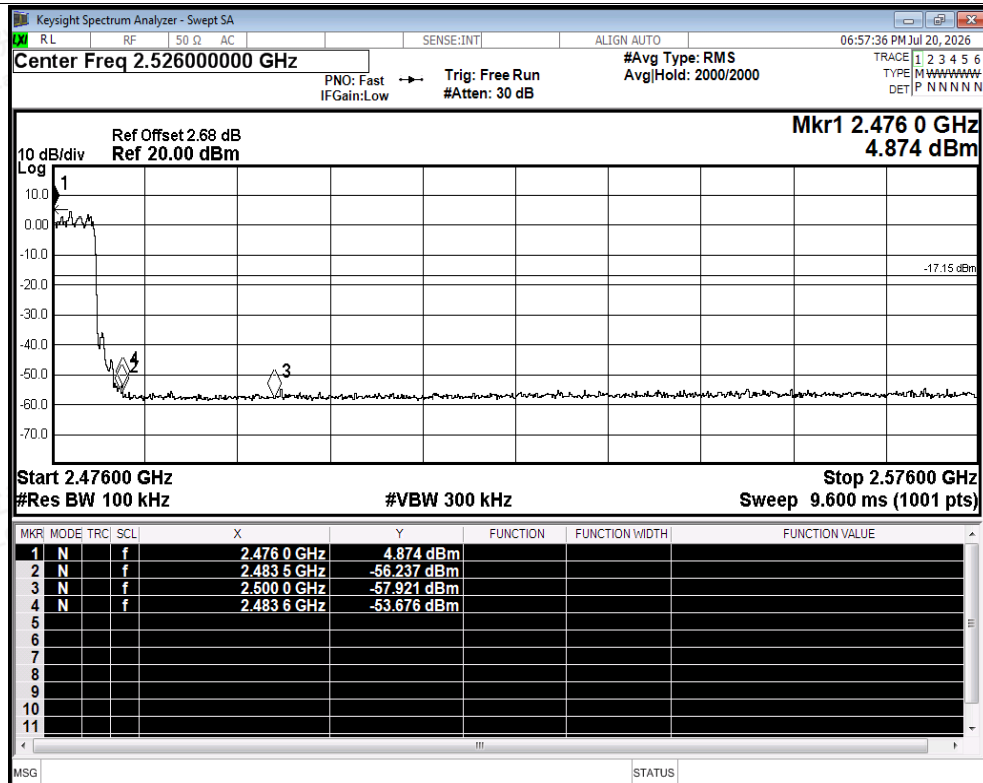
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

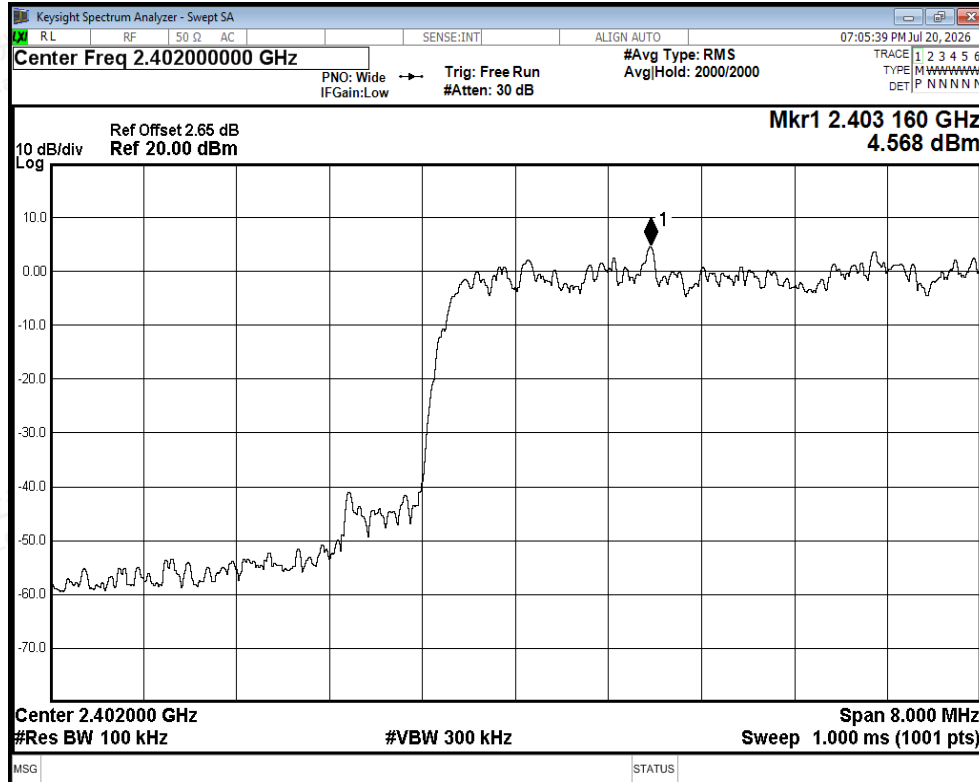


Band Edge (Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission

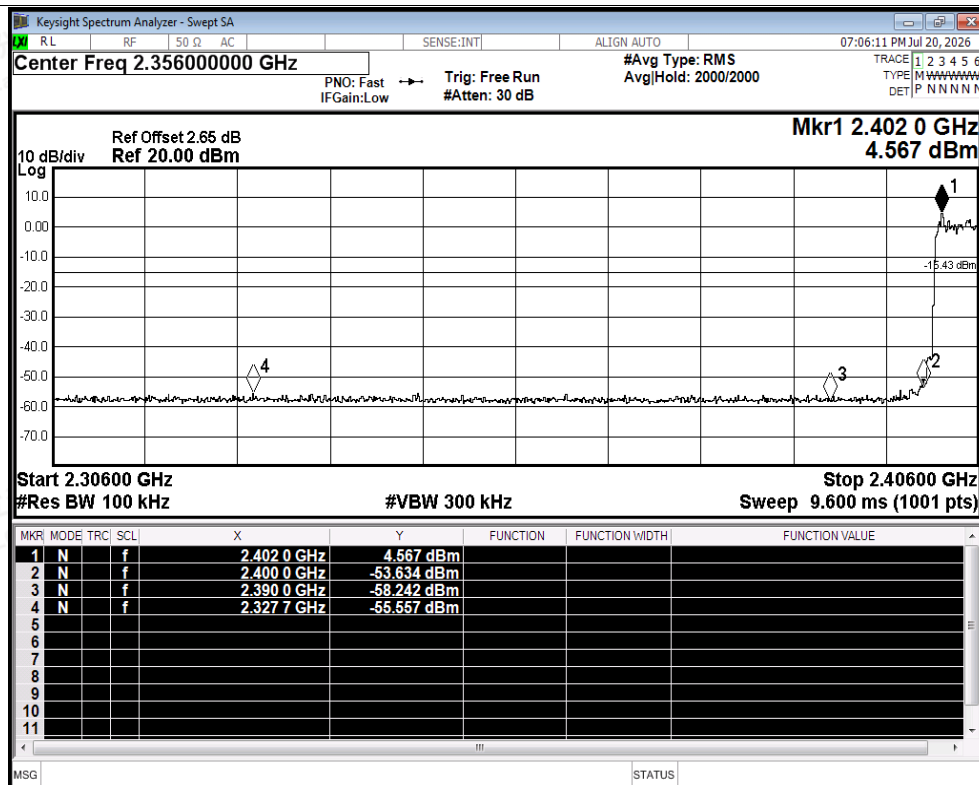
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Band Edge (Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref

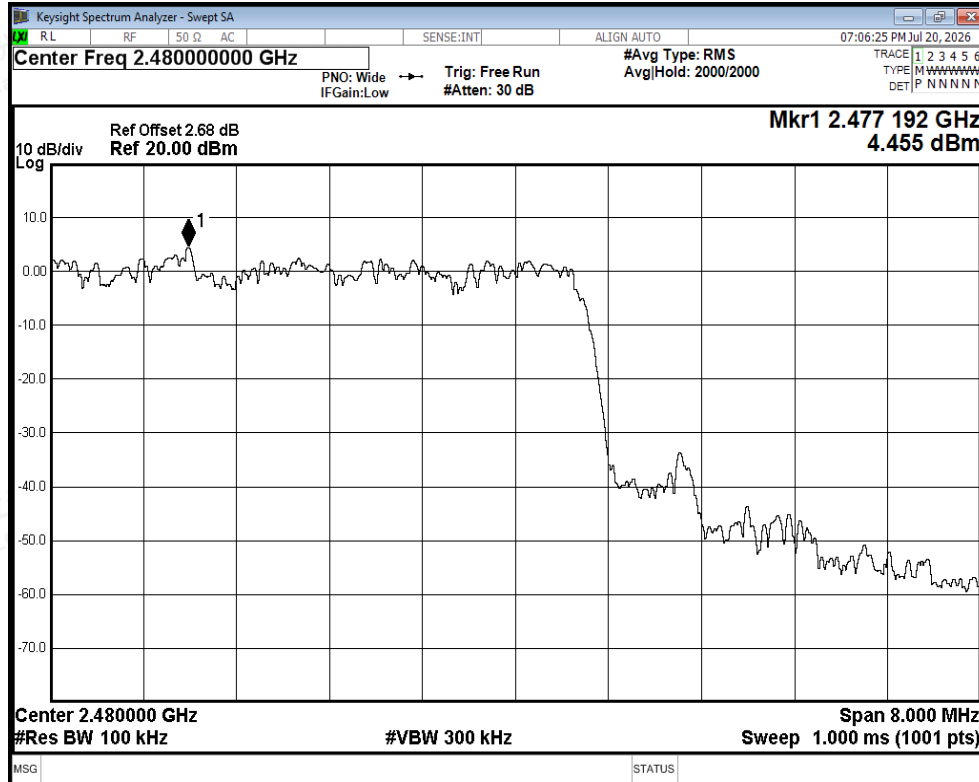


Band Edge (Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission

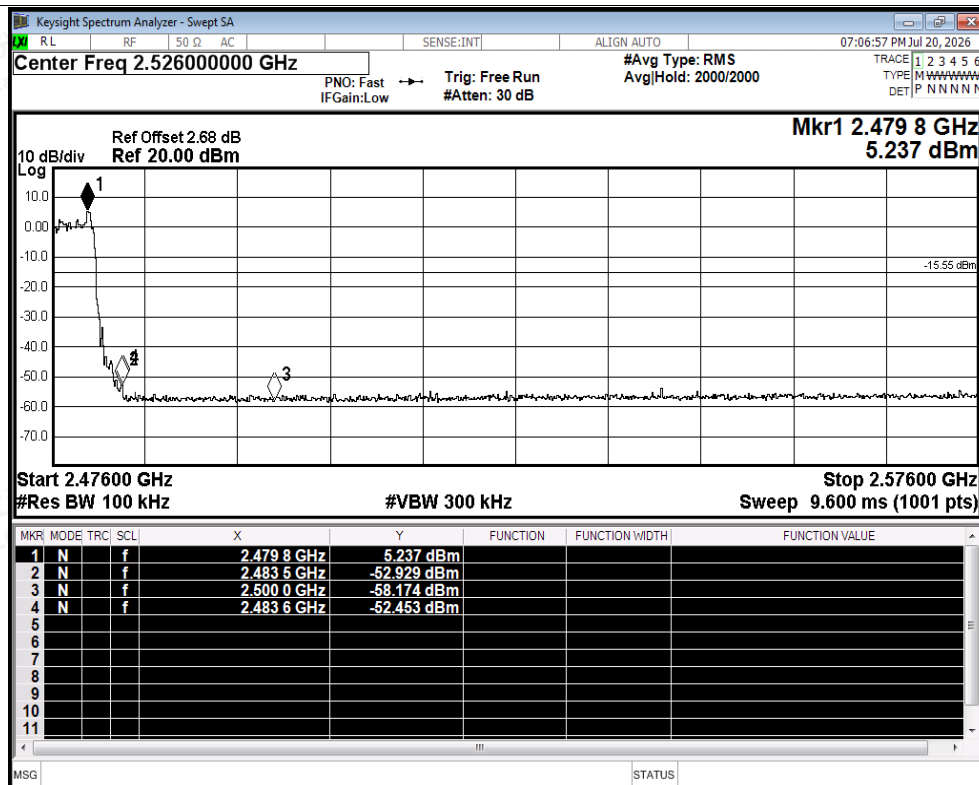
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Band Edge (Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref



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

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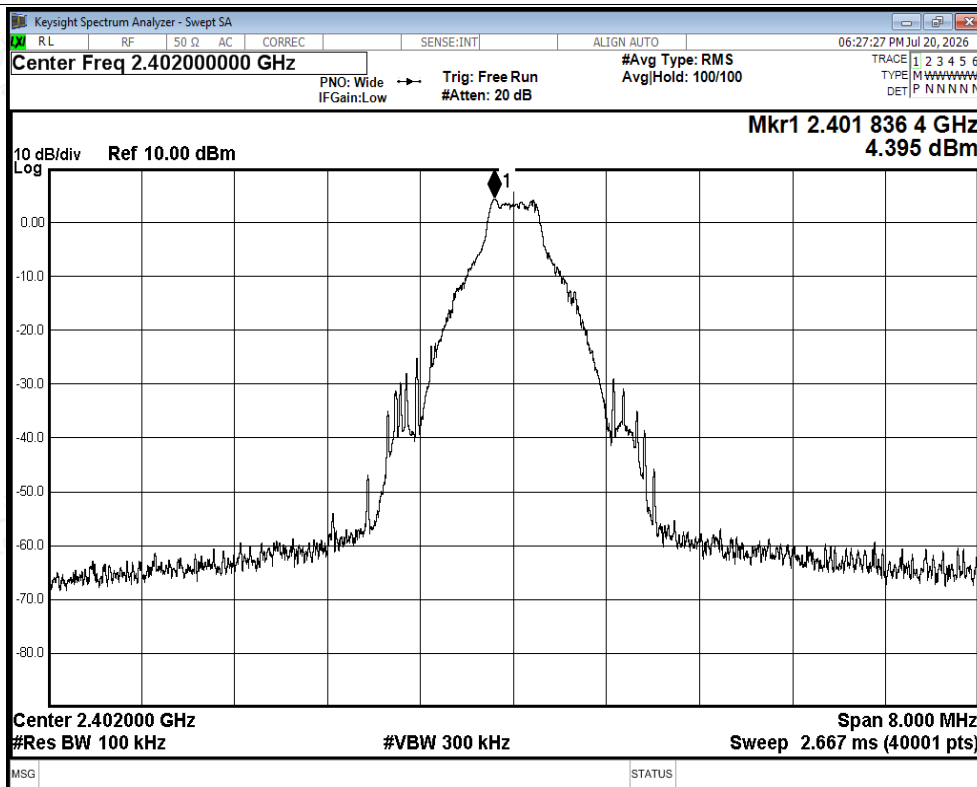
A.7 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-49.88	-20	Pass
NVNT	1-DH5	2441	Ant1	-51.1	-20	Pass
NVNT	1-DH5	2480	Ant1	-50.92	-20	Pass
NVNT	2-DH5	2402	Ant1	-51.22	-20	Pass
NVNT	2-DH5	2441	Ant1	-50.93	-20	Pass
NVNT	2-DH5	2480	Ant1	-50.89	-20	Pass
NVNT	3-DH5	2402	Ant1	-50	-20	Pass
NVNT	3-DH5	2441	Ant1	-49.61	-20	Pass
NVNT	3-DH5	2480	Ant1	-50.94	-20	Pass

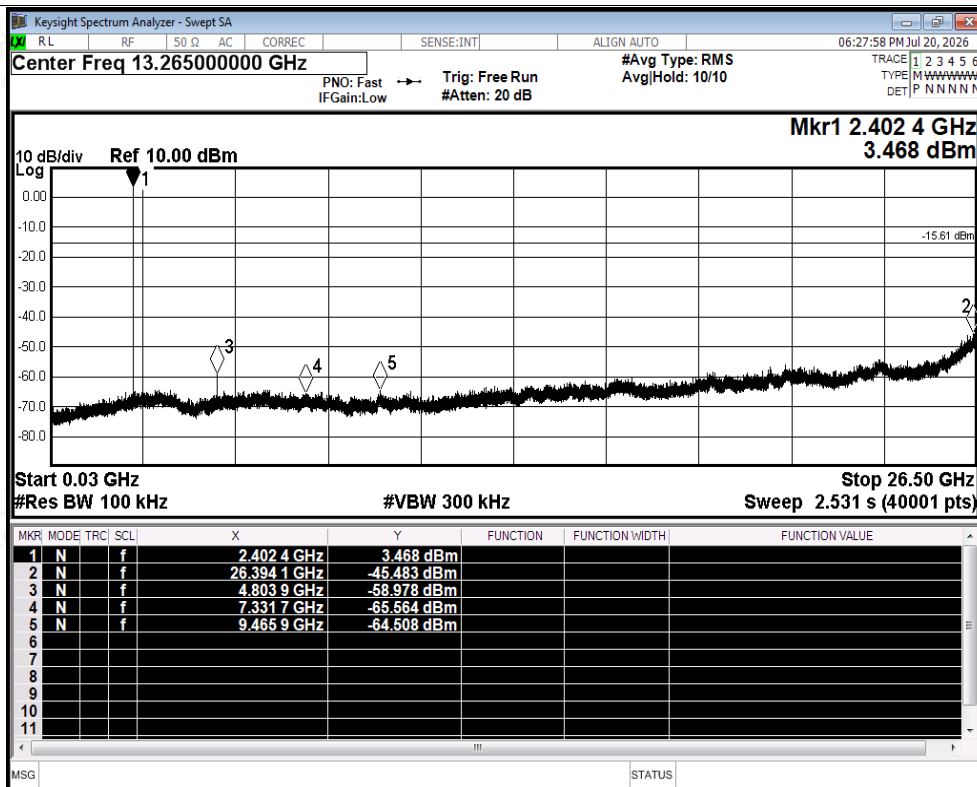
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Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref

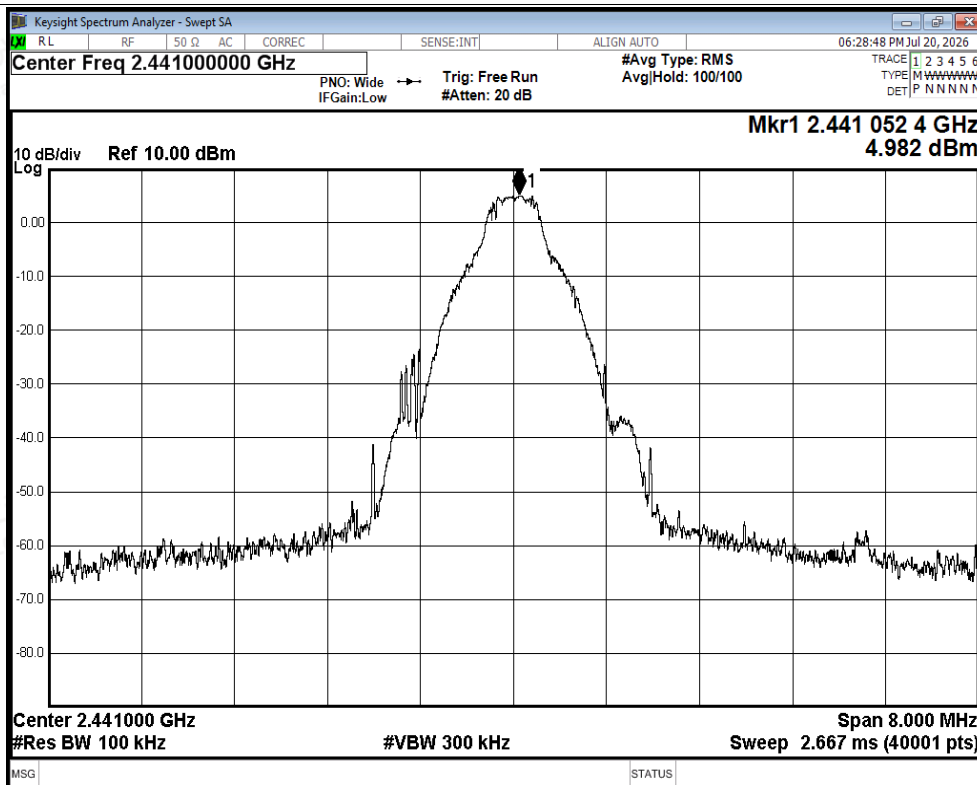


Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission

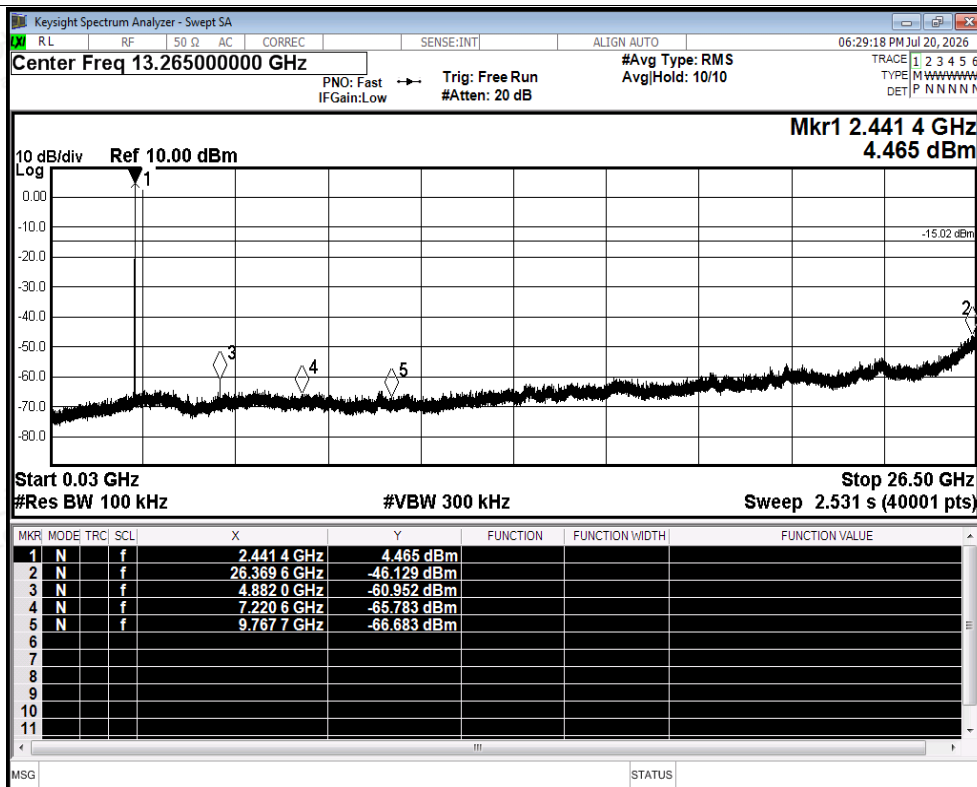
Shenzhen LCS Compliance Testing Laboratory Ltd.

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Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref

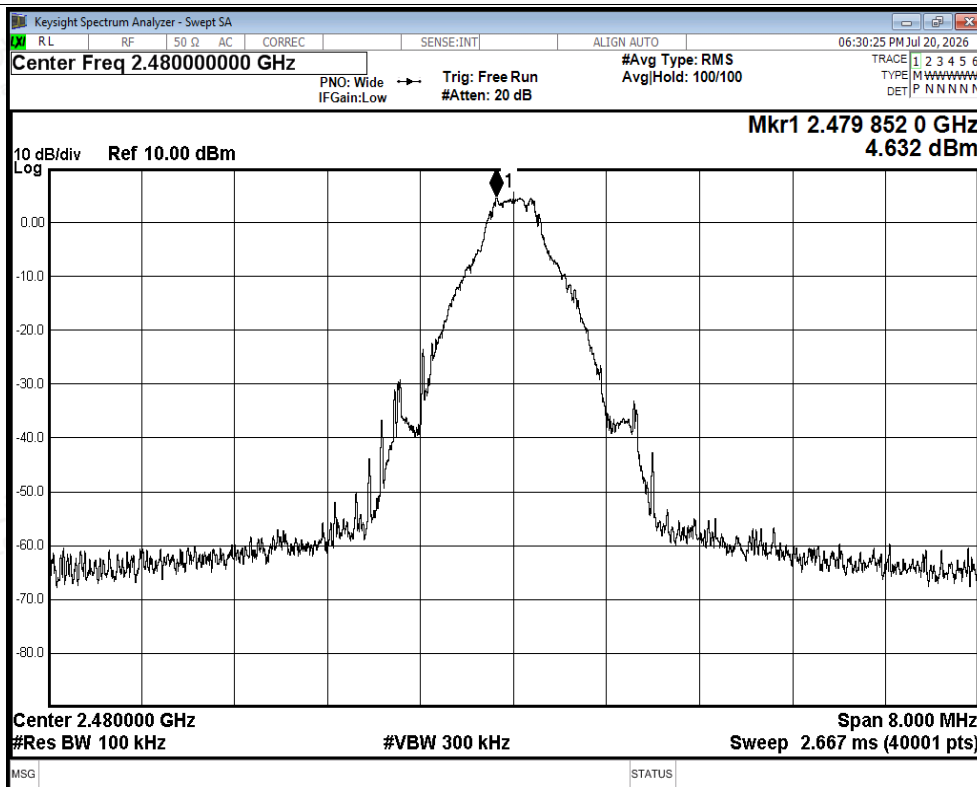


Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission

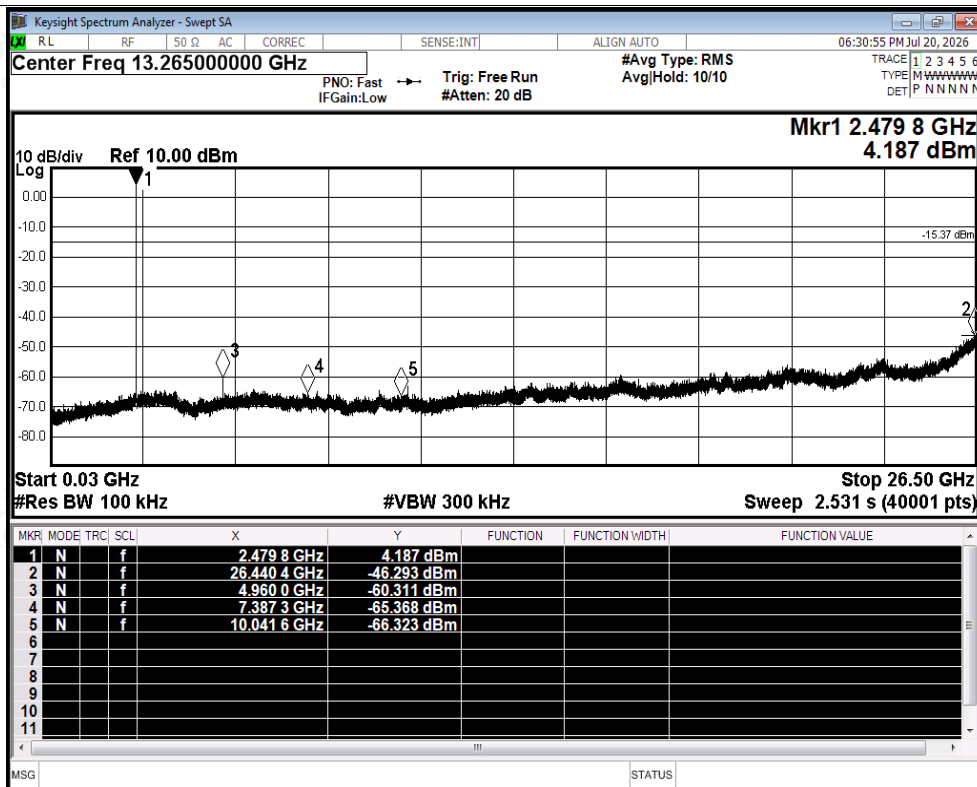
Shenzhen LCS Compliance Testing Laboratory Ltd.

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Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref

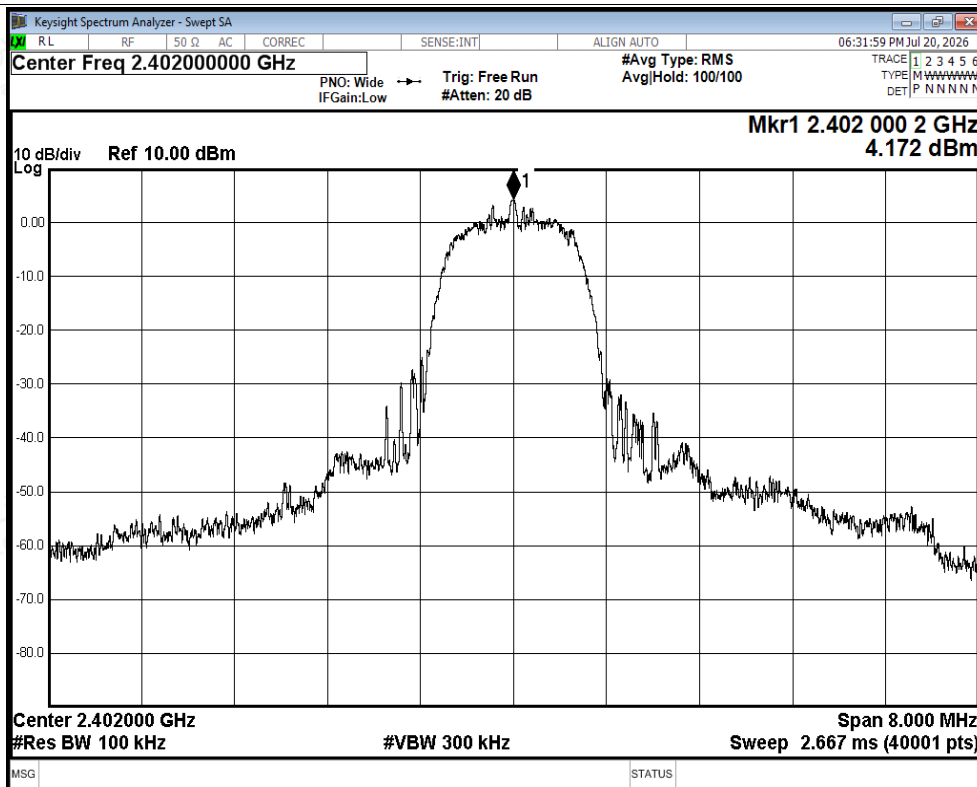


Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission

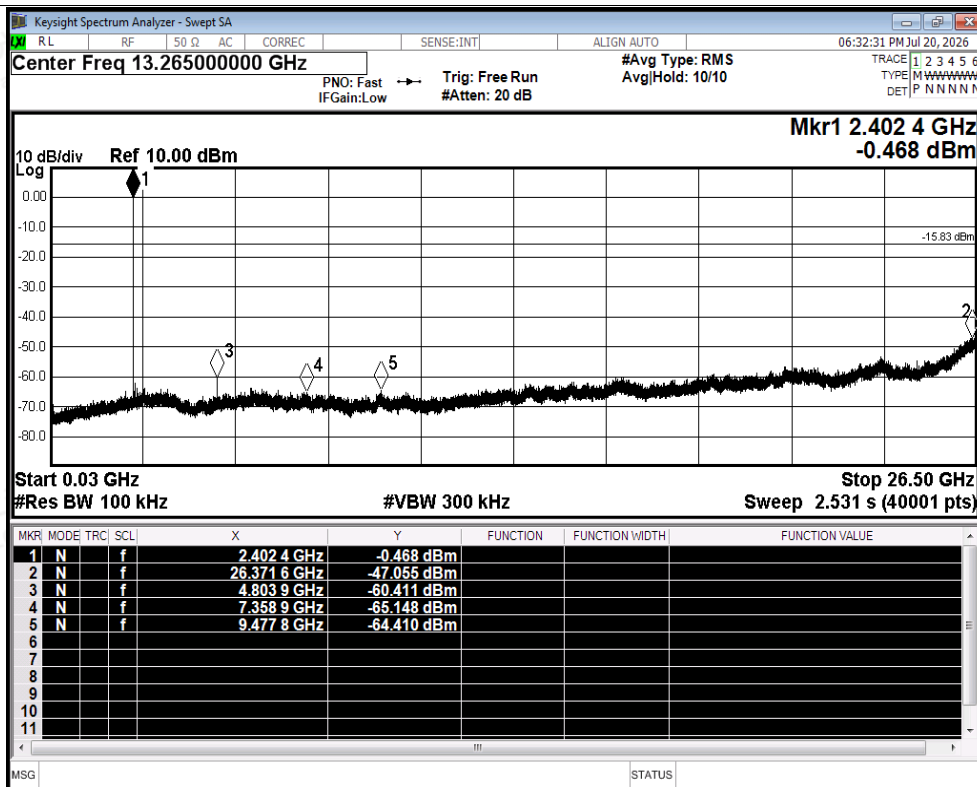
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Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref

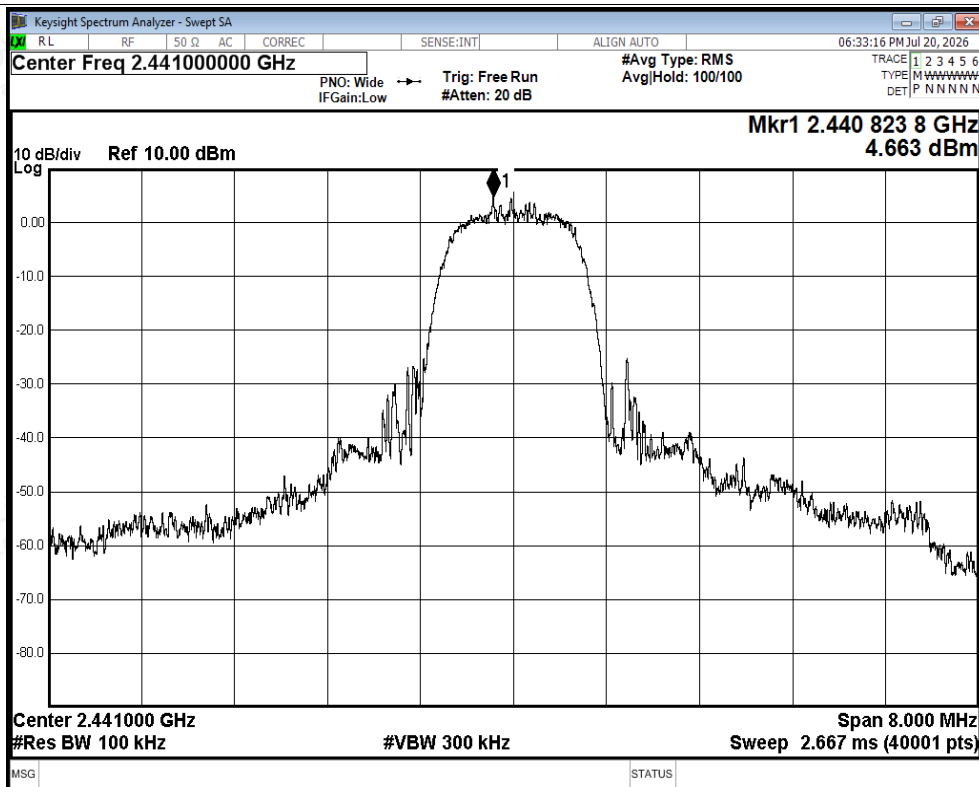


Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission

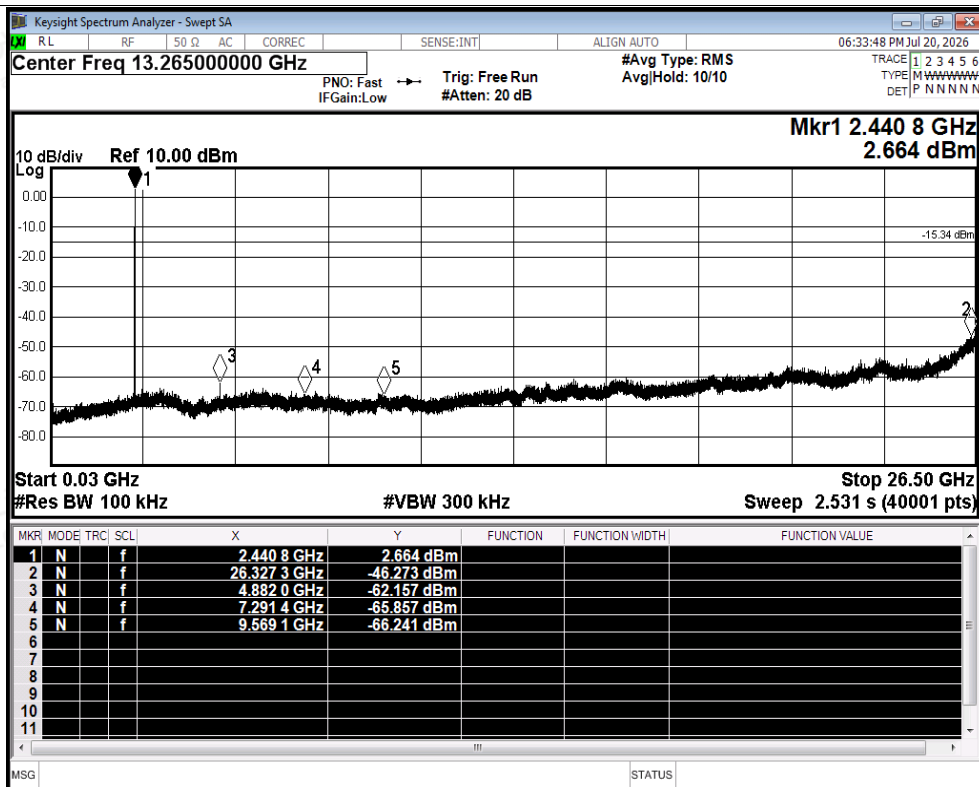
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Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref

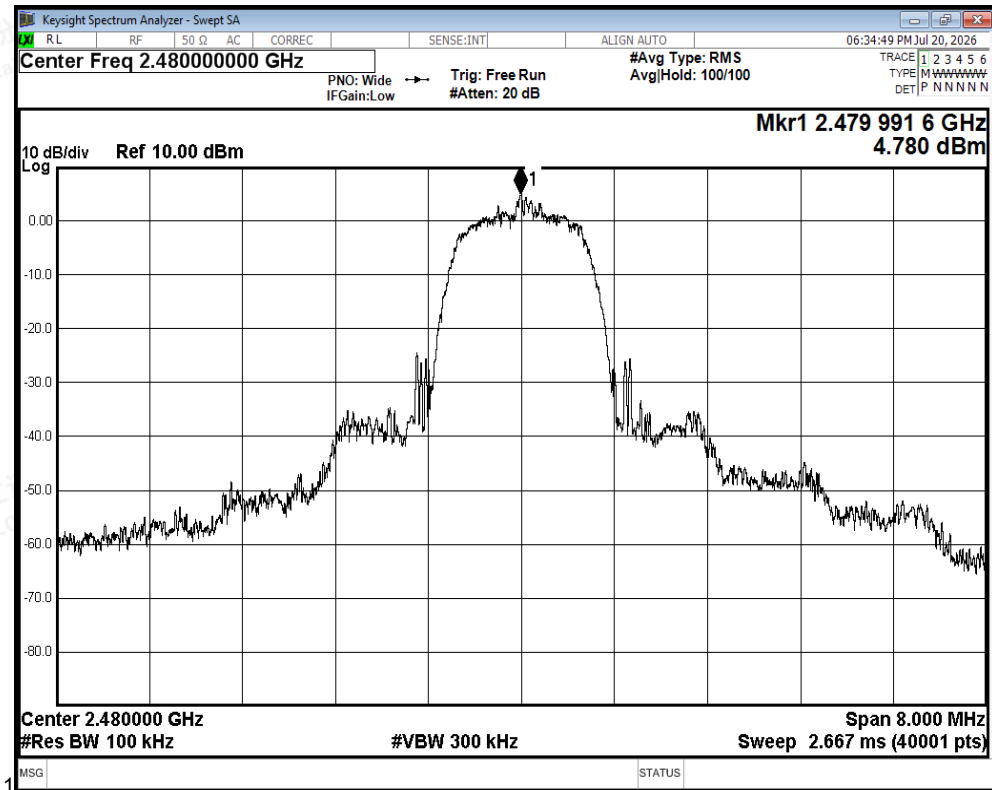


Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission

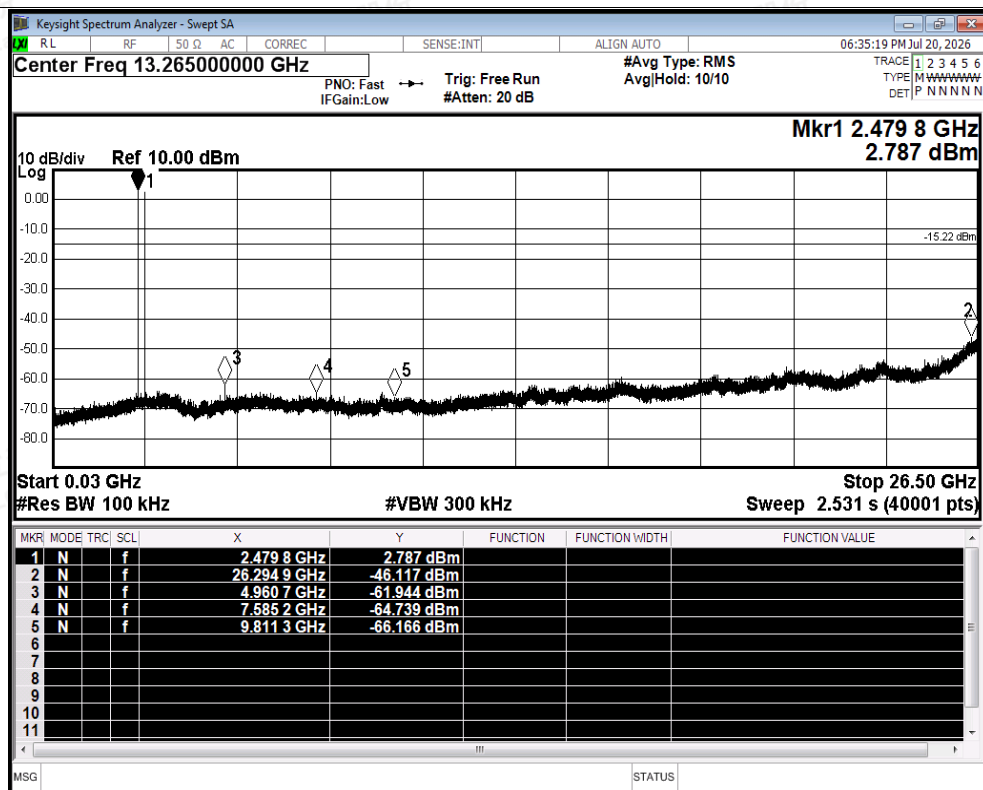
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Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref

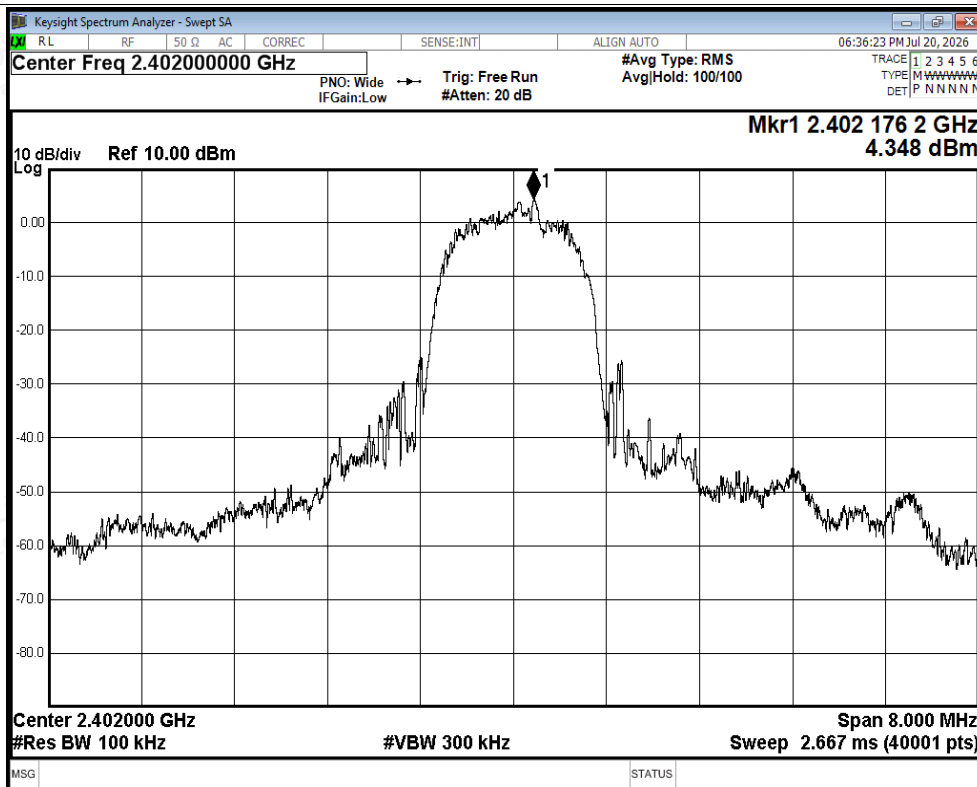


Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission

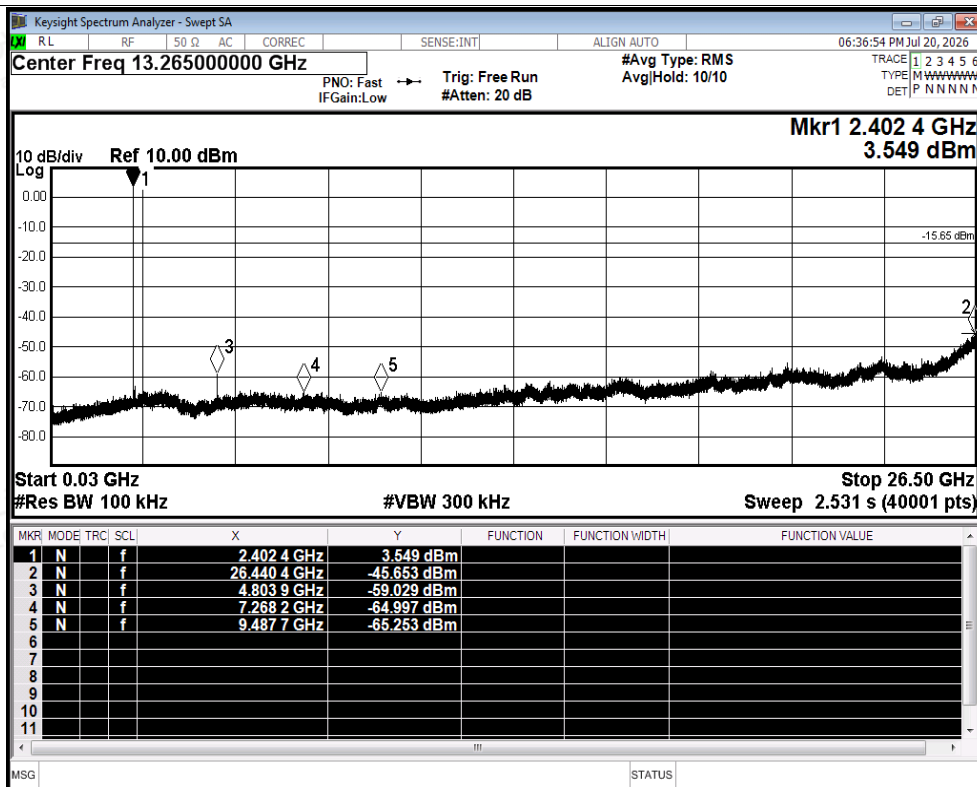
Shenzhen LCS Compliance Testing Laboratory Ltd.

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Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref

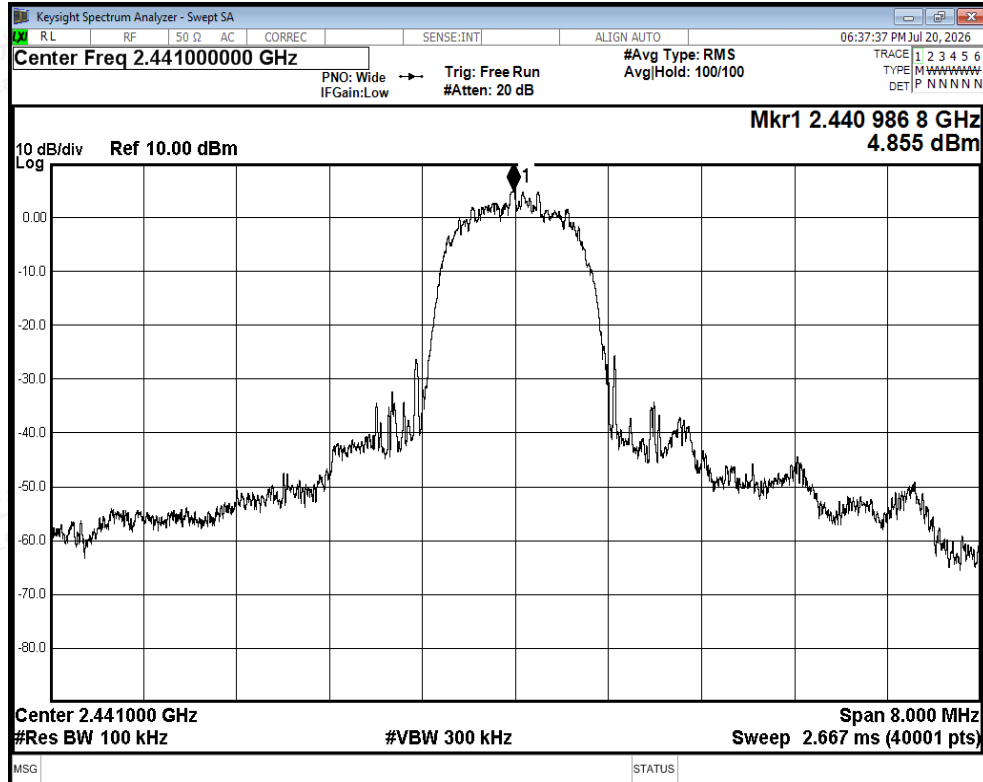


Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission

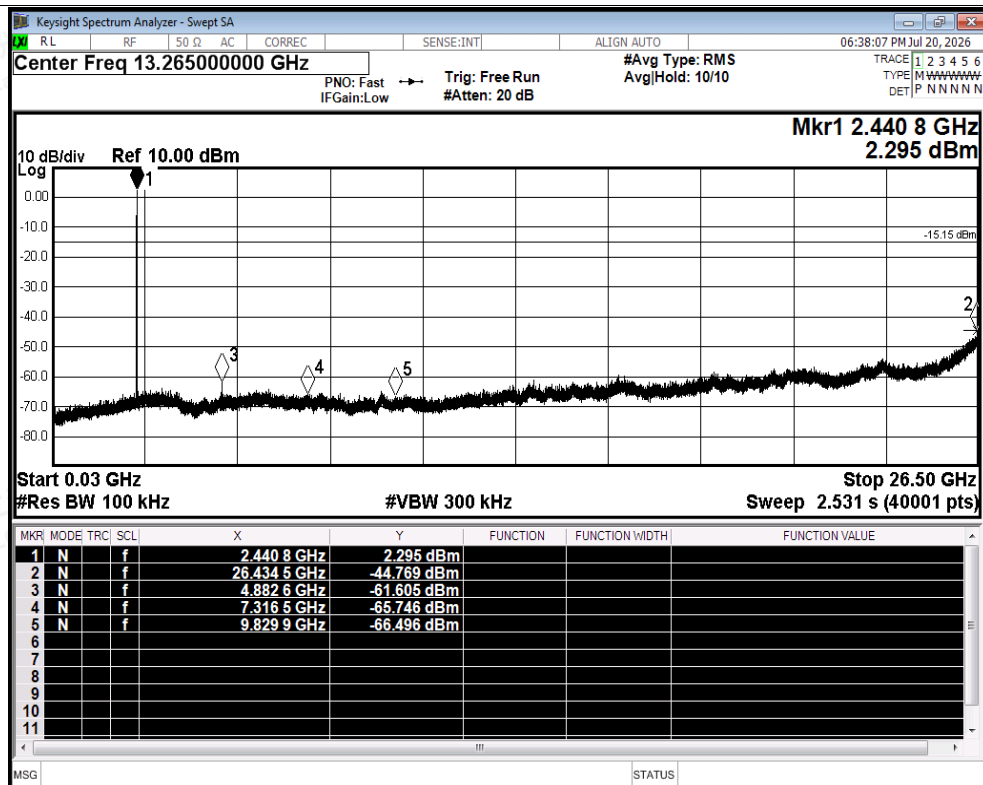
Shenzhen LCS Compliance Testing Laboratory Ltd.

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Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref

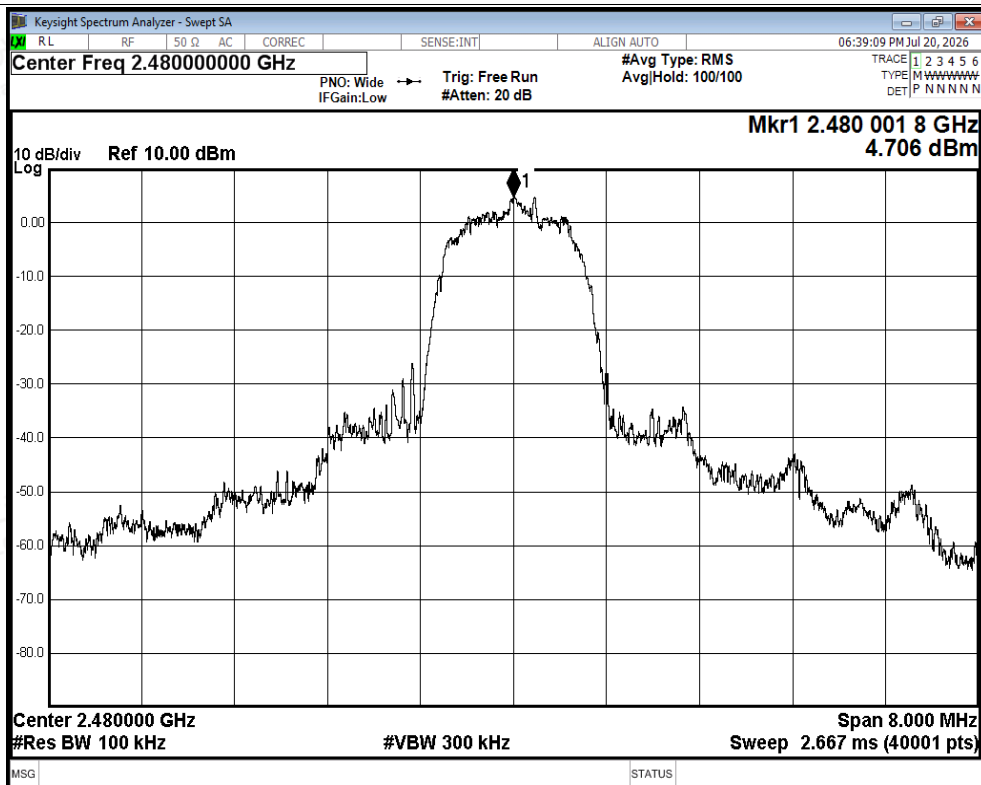


Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission

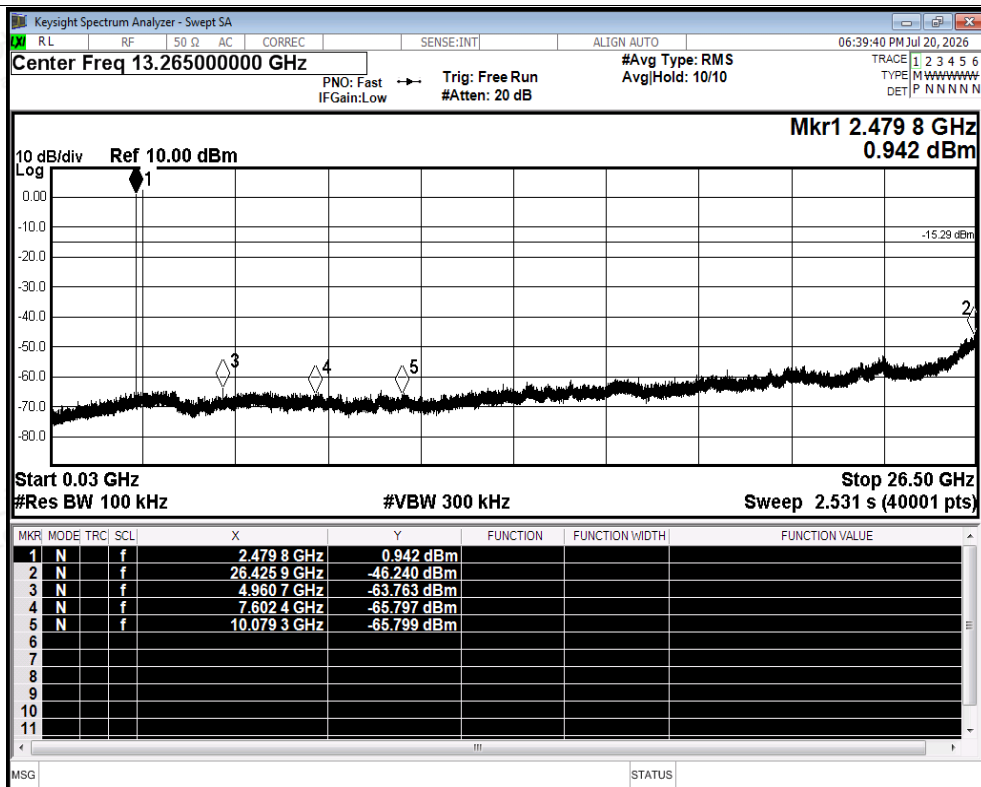
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Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

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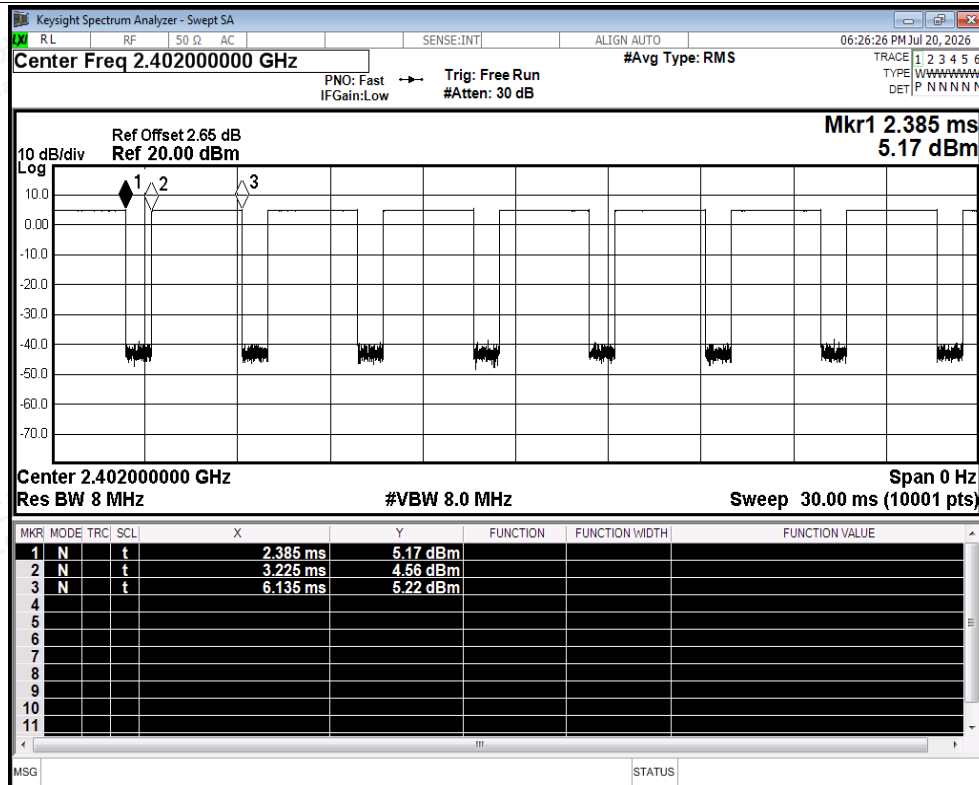
A.8 Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH5	2402	Ant1	77.6	1.1	0.34
NVNT	1-DH5	2441	Ant1	77.6	1.1	0.34
NVNT	1-DH5	2480	Ant1	77.6	1.1	0.34
NVNT	2-DH5	2402	Ant1	77.28	1.12	0.35
NVNT	2-DH5	2441	Ant1	77.28	1.12	0.35
NVNT	2-DH5	2480	Ant1	77.28	1.12	0.35
NVNT	3-DH5	2402	Ant1	77.28	1.12	0.35
NVNT	3-DH5	2441	Ant1	77.28	1.12	0.35
NVNT	3-DH5	2480	Ant1	77.28	1.12	0.35

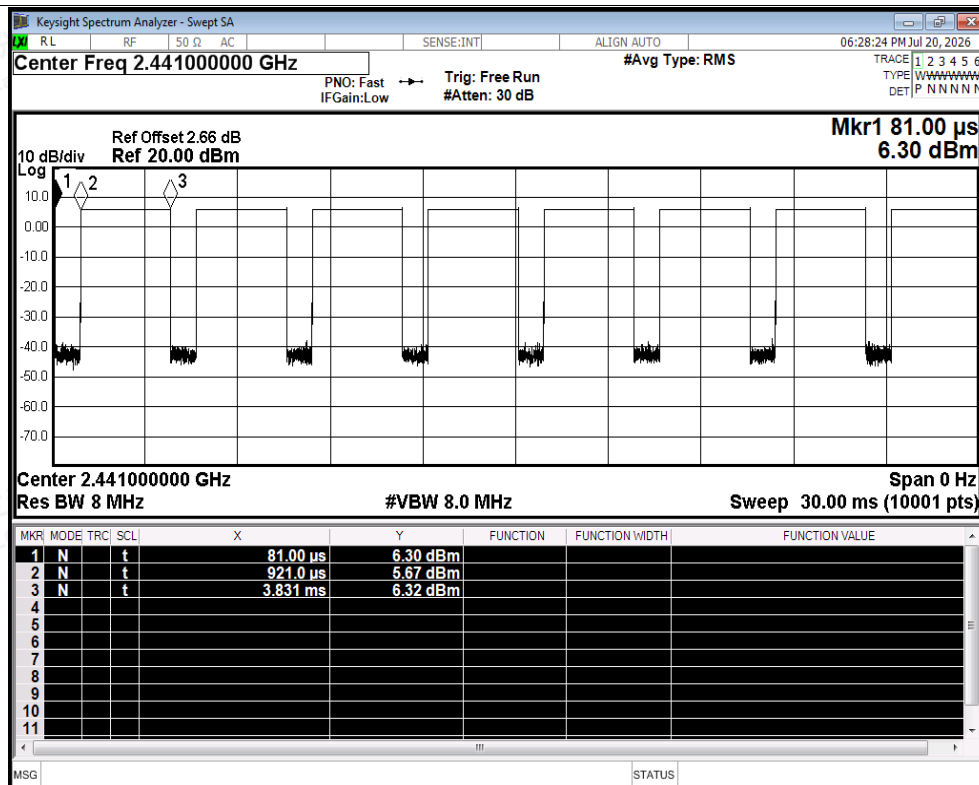
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Duty Cycle NVNT 1-DH5 2402MHz Ant1

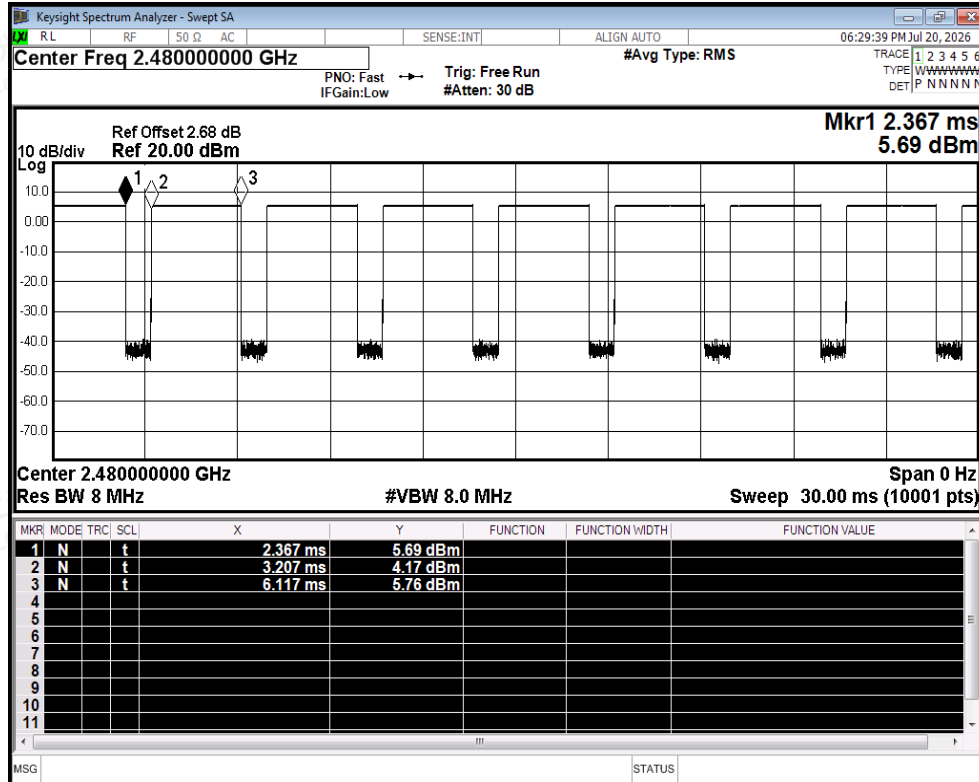


Duty Cycle NVNT 1-DH5 2441MHz Ant1

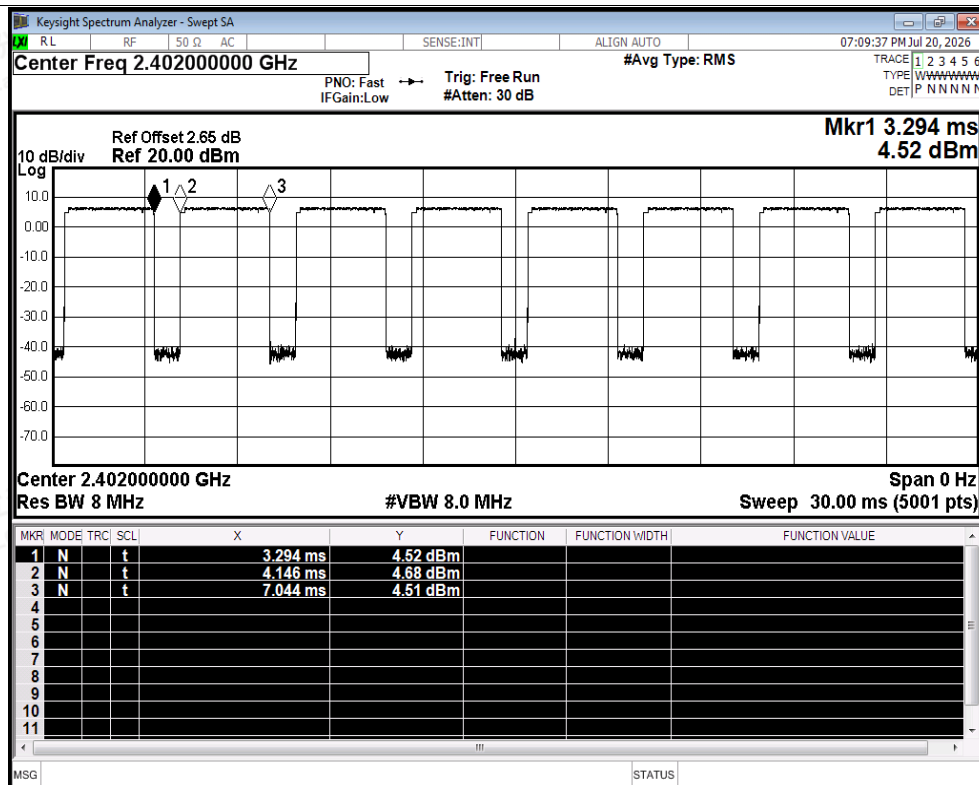
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Duty Cycle NVNT 1-DH5 2480MHz Ant1

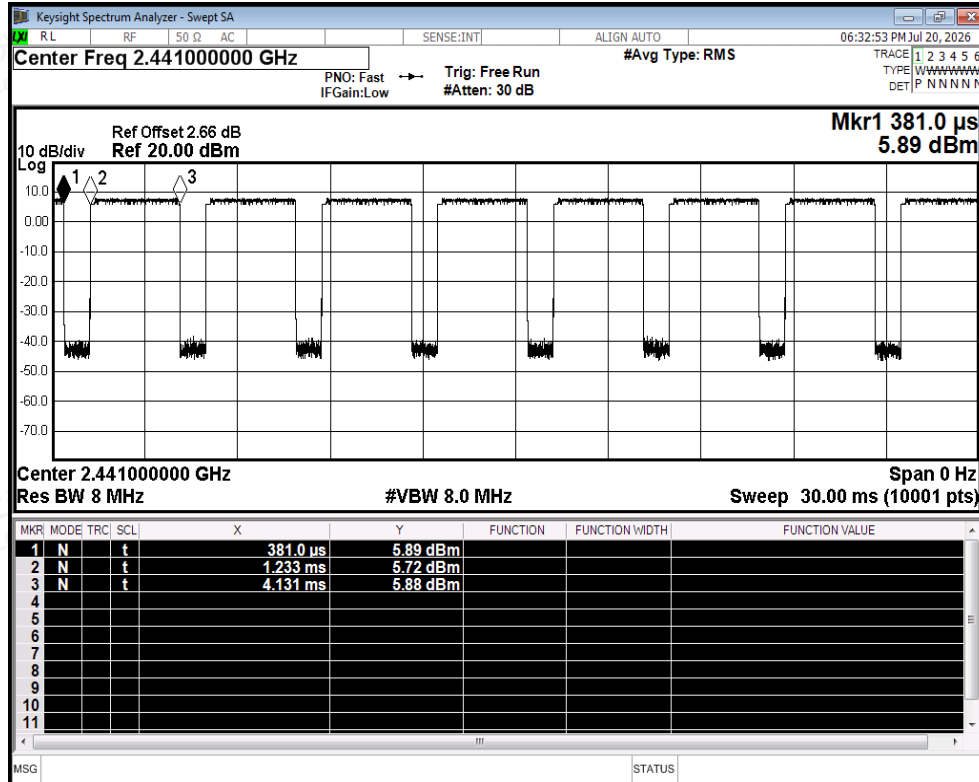


Duty Cycle NVNT 2-DH5 2402MHz Ant1

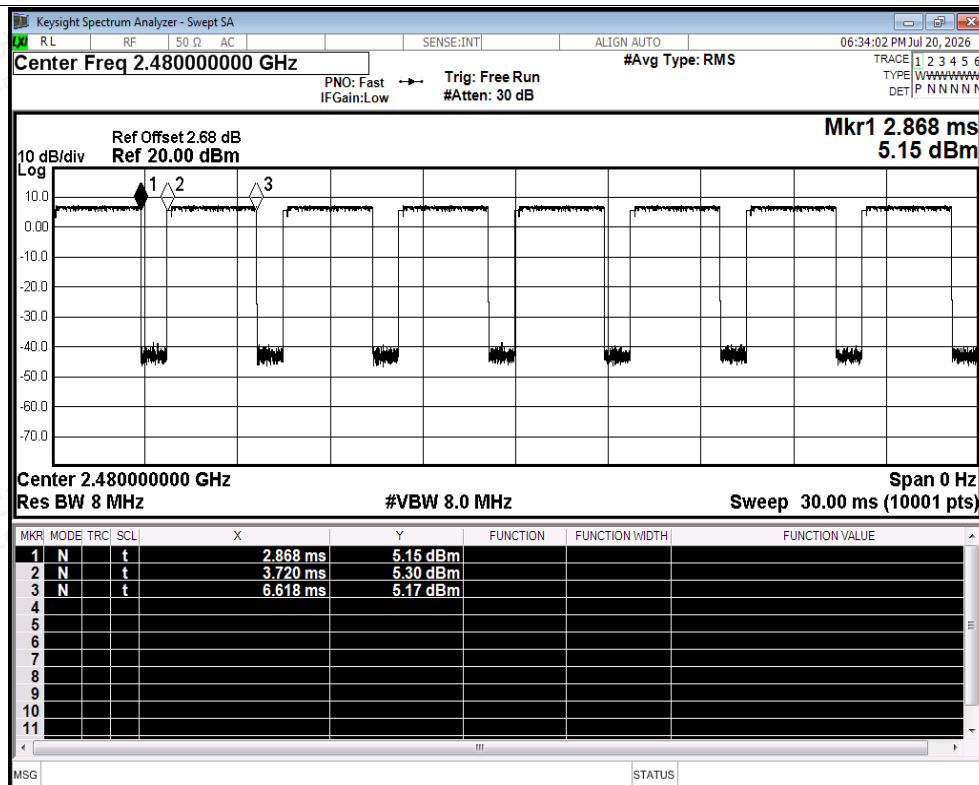
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Duty Cycle NVNT 2-DH5 2441MHz Ant1

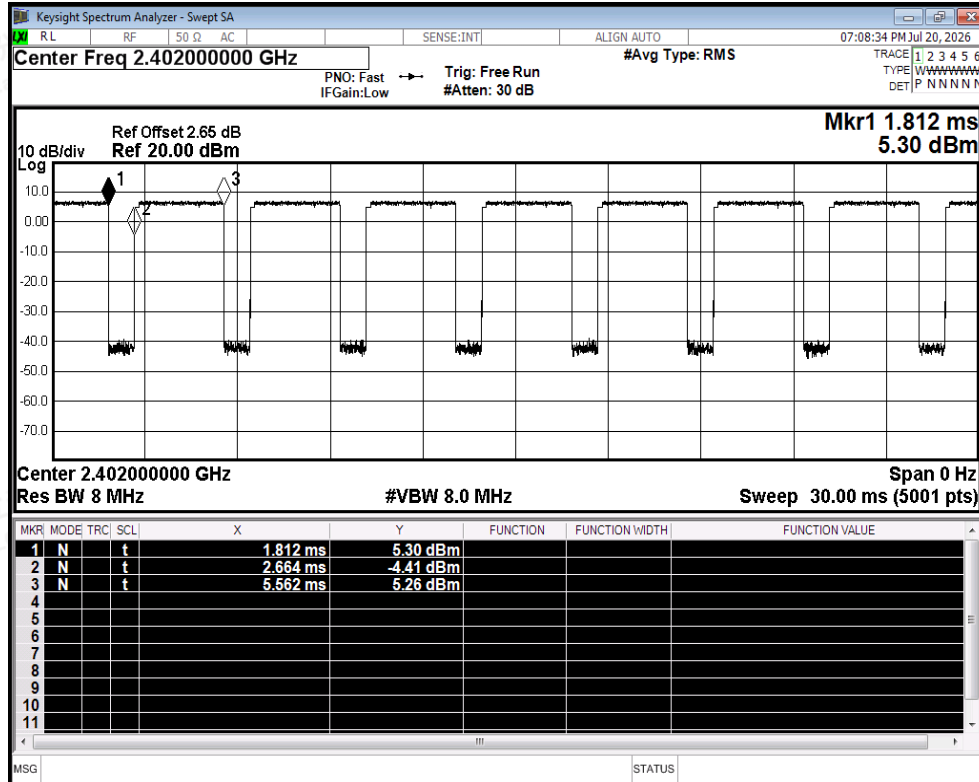


Duty Cycle NVNT 2-DH5 2480MHz Ant1

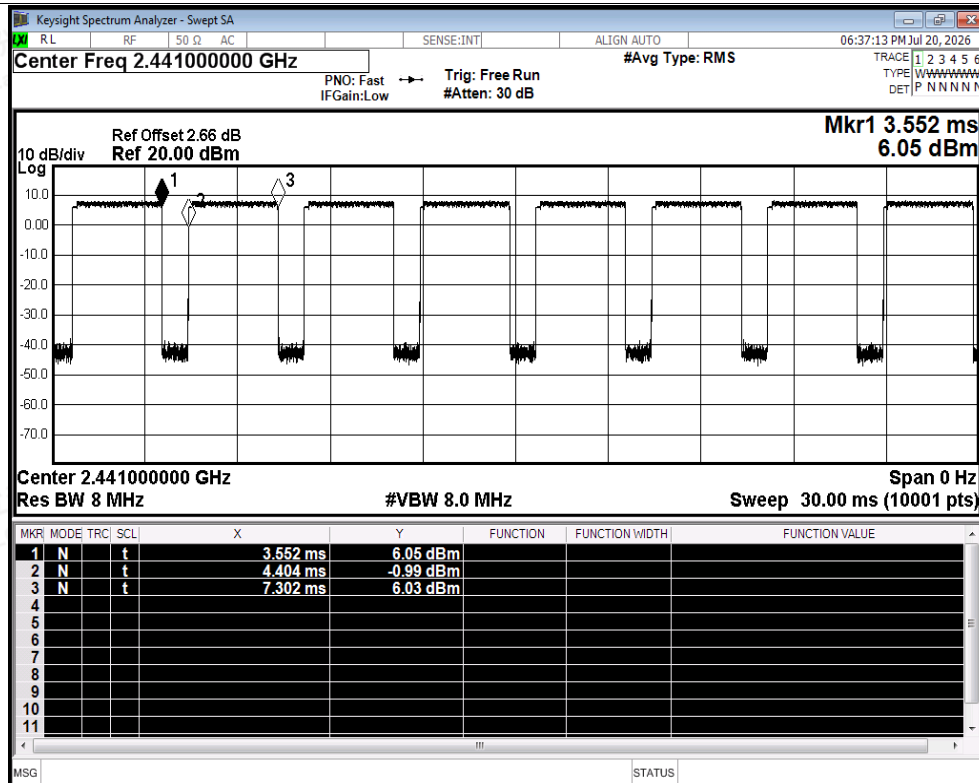
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Duty Cycle NVNT 3-DH5 2402MHz Ant1

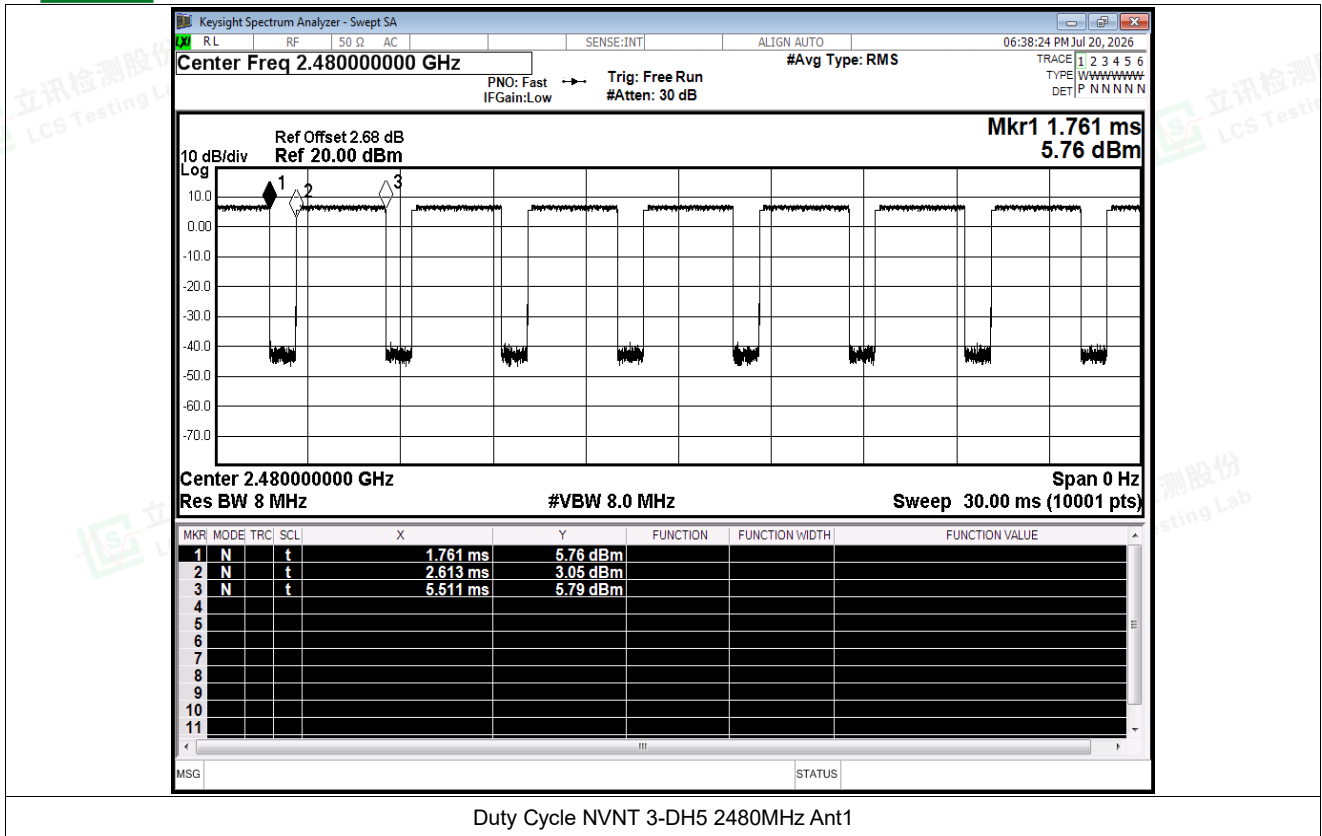


Duty Cycle NVNT 3-DH5 2441MHz Ant1

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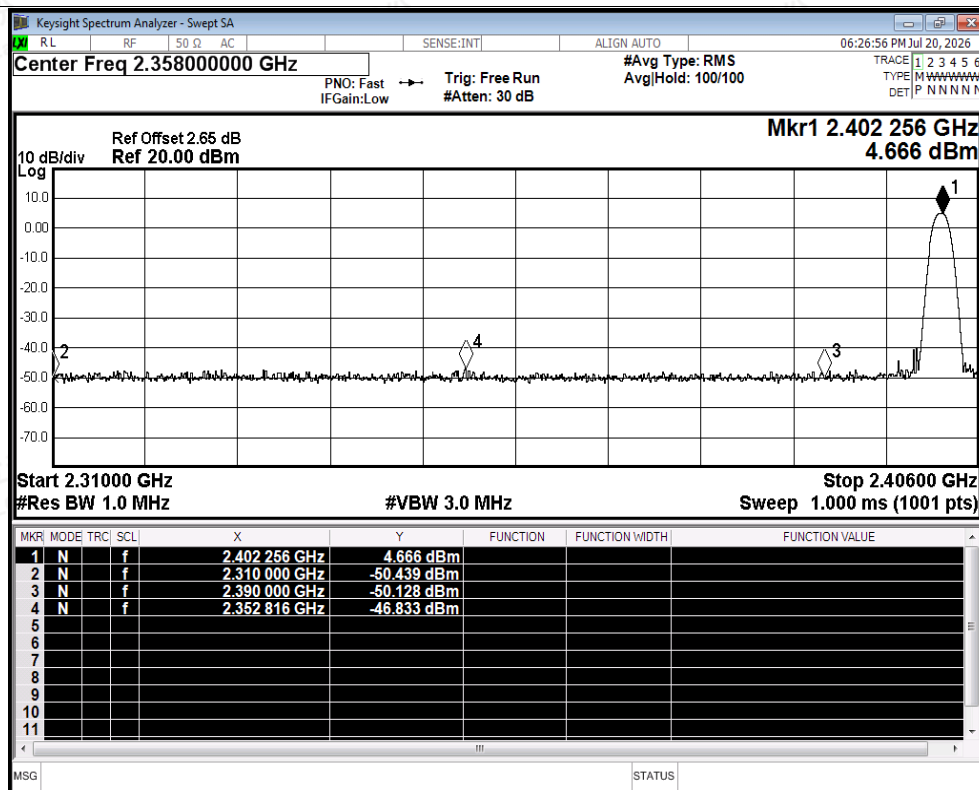
A.9 Restrict Band

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	-50.43	2.87	47.70	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-57.06	2.87	41.07	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2352.816	-46.83	2.87	51.30	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2313.936	-56.93	2.87	41.20	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-50.58	2.87	47.55	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-57.06	2.87	41.07	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-46.81	2.87	51.32	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-53.28	2.87	44.85	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2485.24	-41.21	2.87	56.92	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.512	-53.28	2.87	44.85	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-49.18	2.87	48.95	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-56.9	2.87	41.23	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-49.44	2.87	48.69	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-57.07	2.87	41.06	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2337.744	-46.95	2.87	51.18	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2311.152	-56.88	2.87	41.25	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-50.57	2.87	47.56	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-57.11	2.87	41.02	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-41.16	2.87	56.97	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-49.66	2.87	48.47	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.536	-40.78	2.87	57.35	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.512	-49.66	2.87	48.47	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-50.77	2.87	47.36	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-56.94	2.87	41.19	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-48.1	2.87	50.03	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-56.98	2.87	41.15	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2373.456	-45.81	2.87	52.32	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2319.792	-56.84	2.87	41.29	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-49.45	2.87	48.68	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-57.18	2.87	40.95	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-39.91	2.87	58.22	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-49.21	2.87	48.92	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.584	-38.81	2.87	59.32	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.512	-49.21	2.87	48.92	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-48.75	2.87	49.38	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-56.82	2.87	41.31	Average	54	Pass

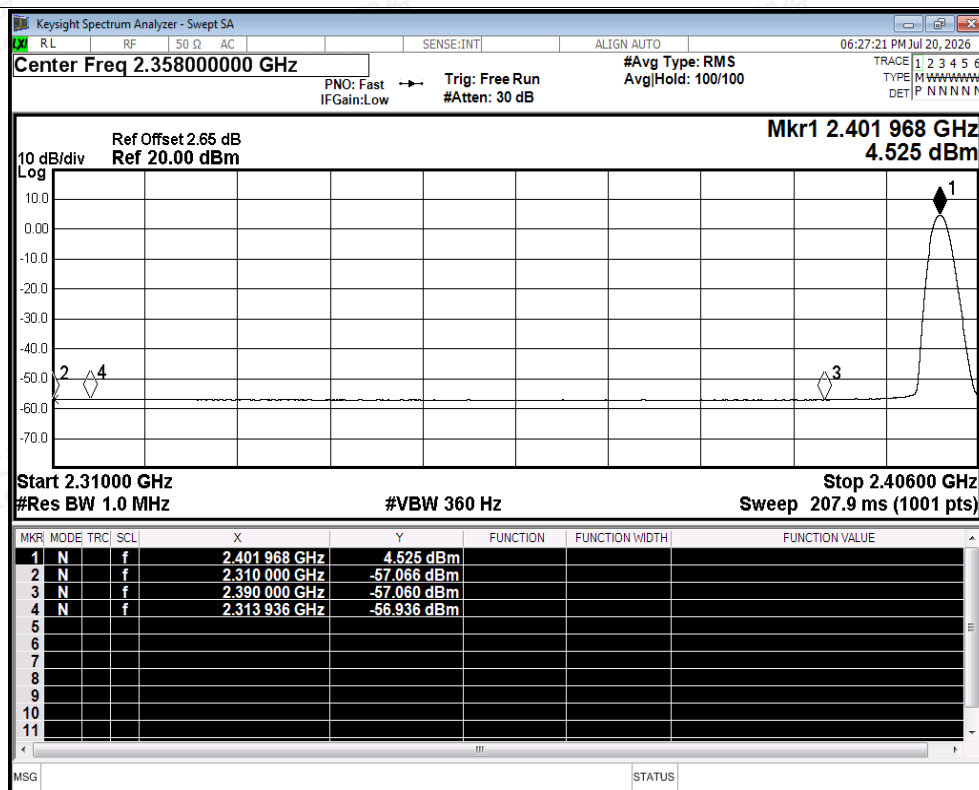
Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: Room 101/201, Building A, and Room 101/301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Subdistrict, Bao'an District, Shenzhen, Guangdong, China

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

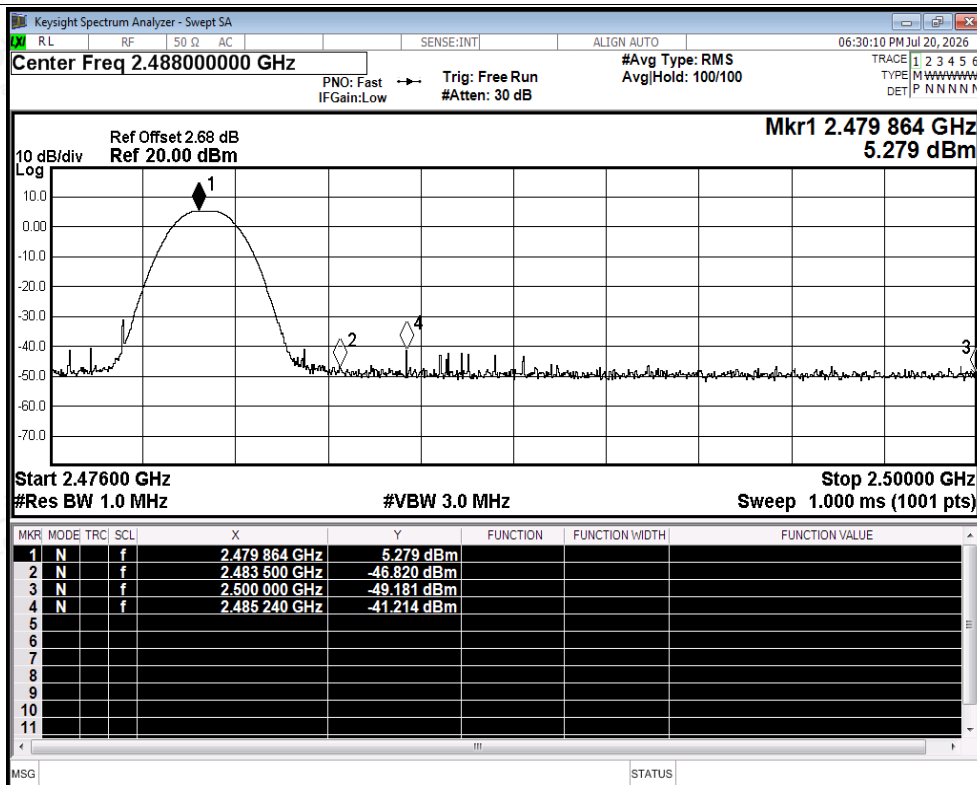


Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Average

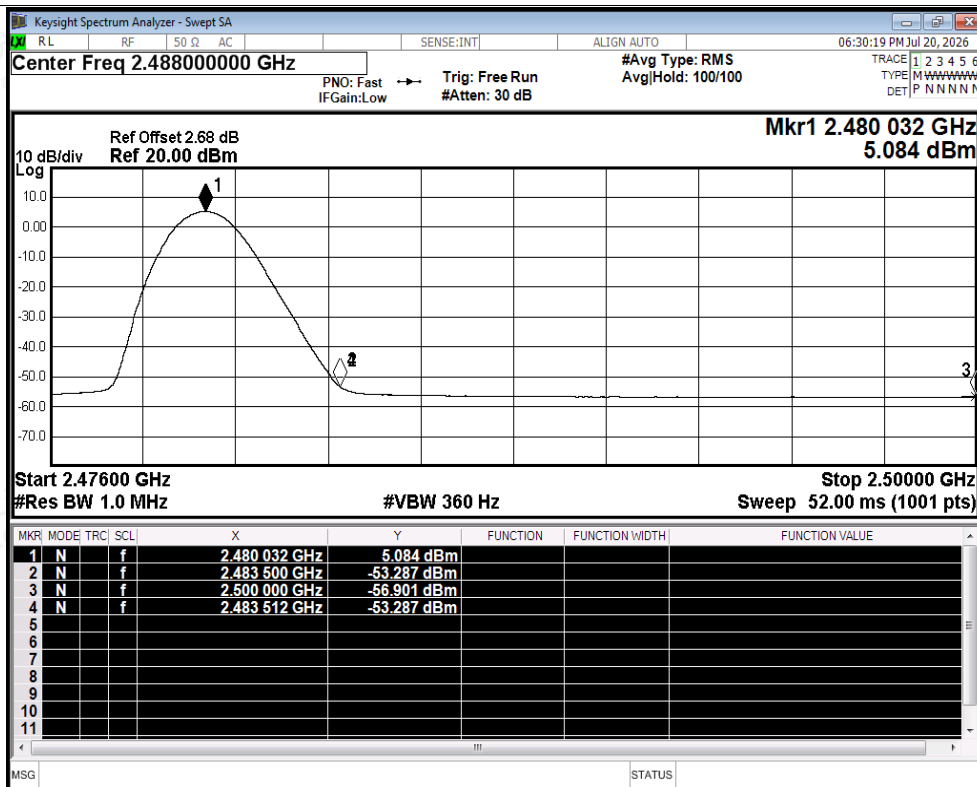
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

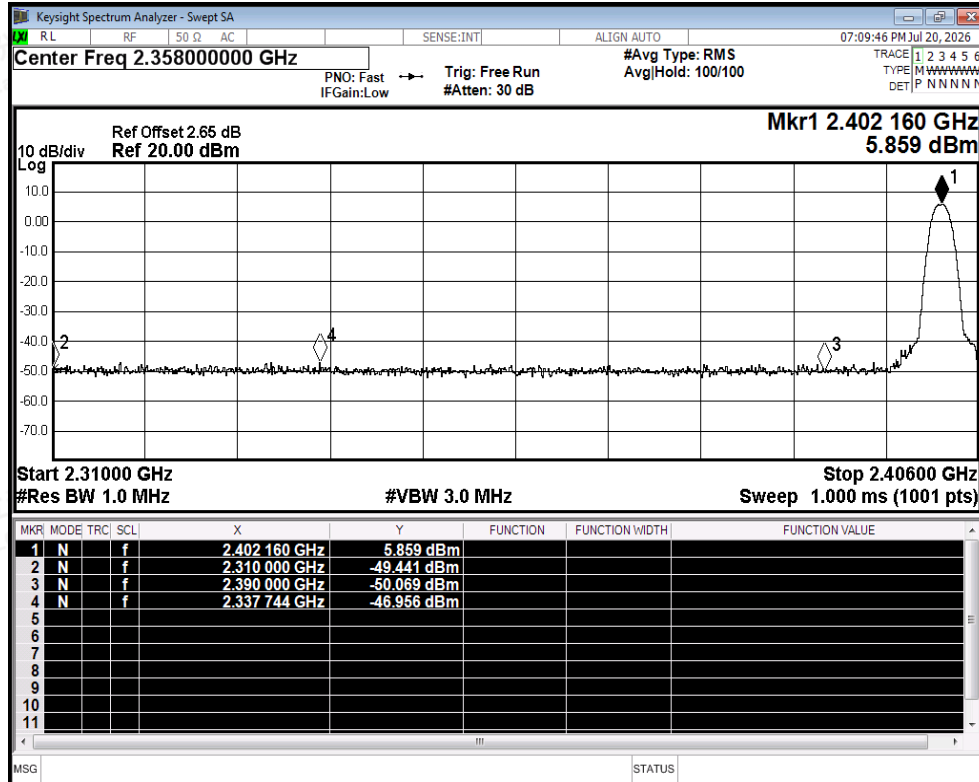


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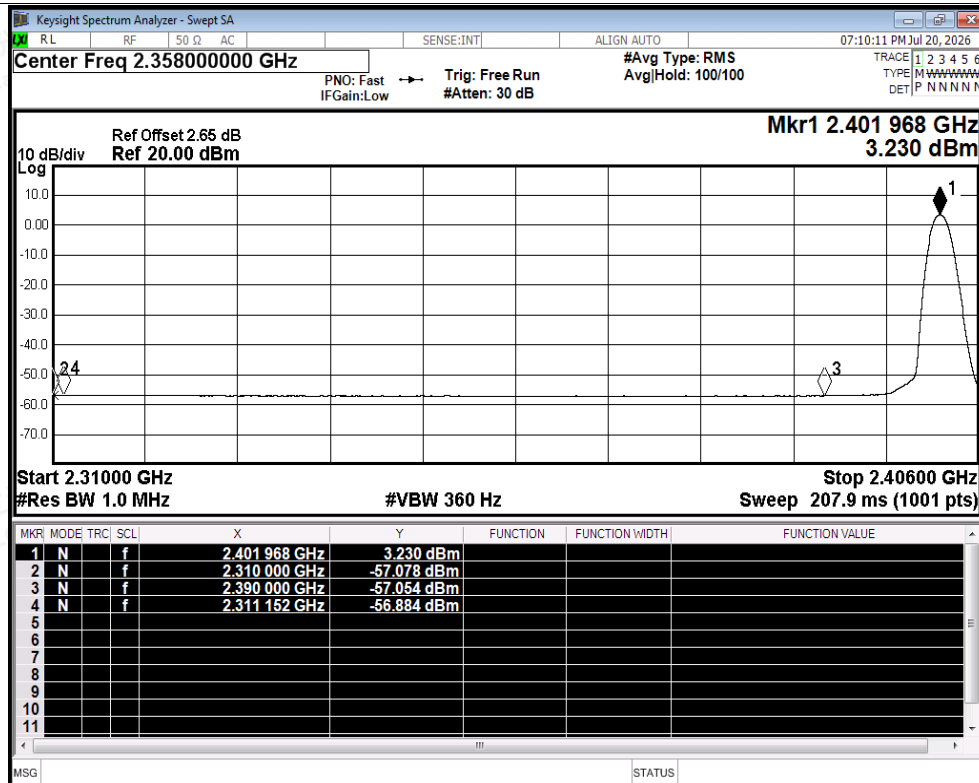
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

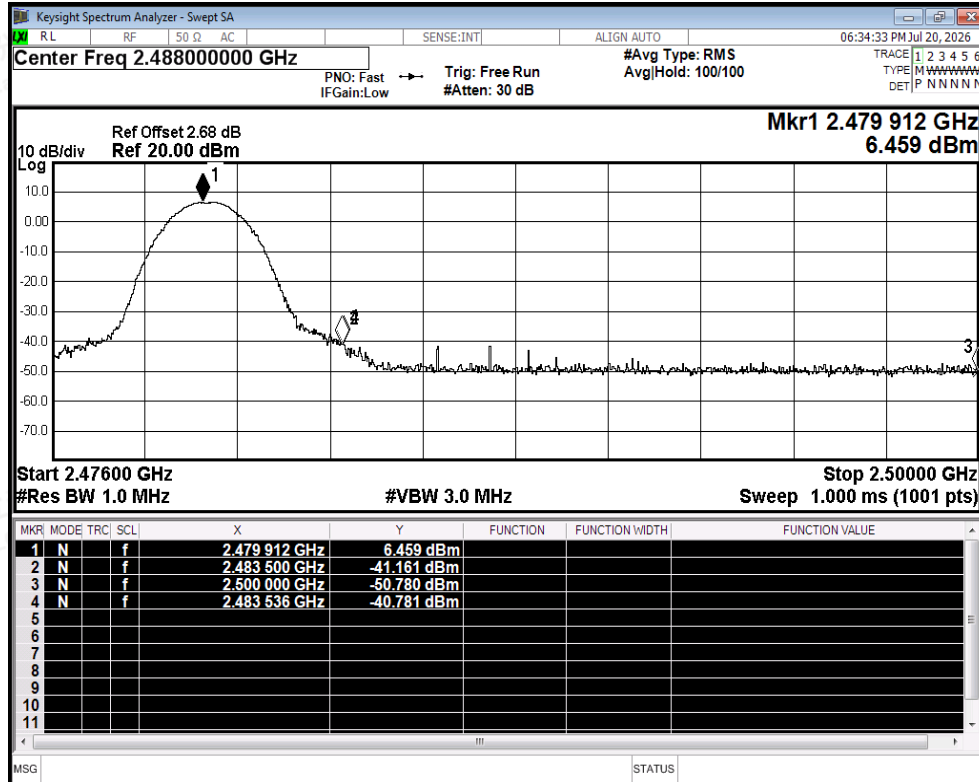


Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Average

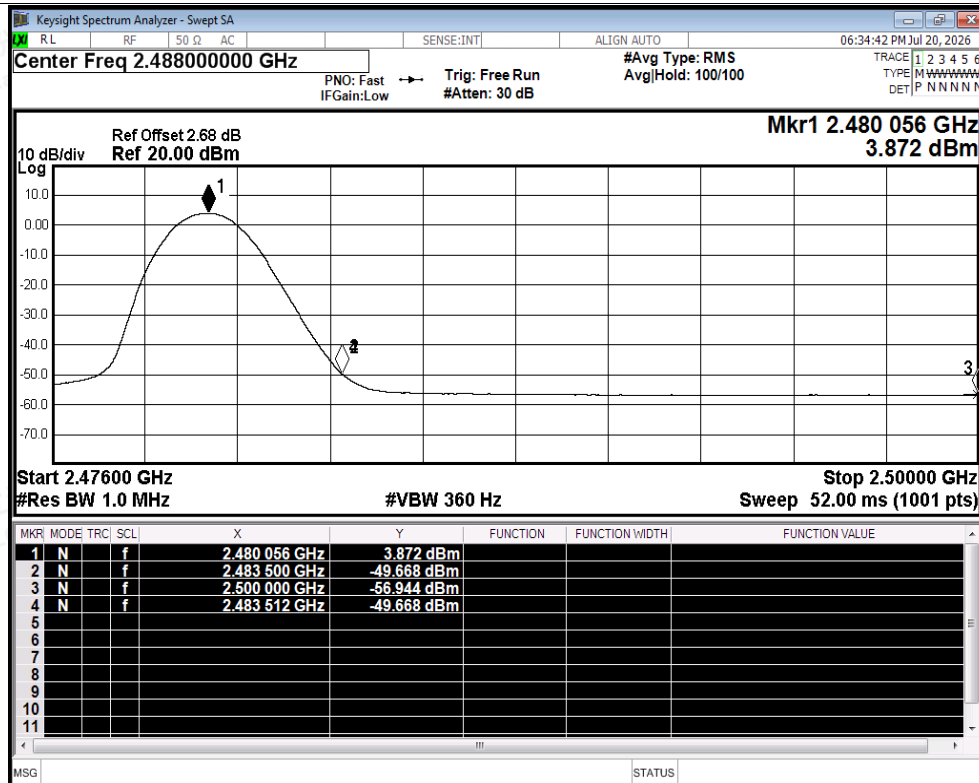
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

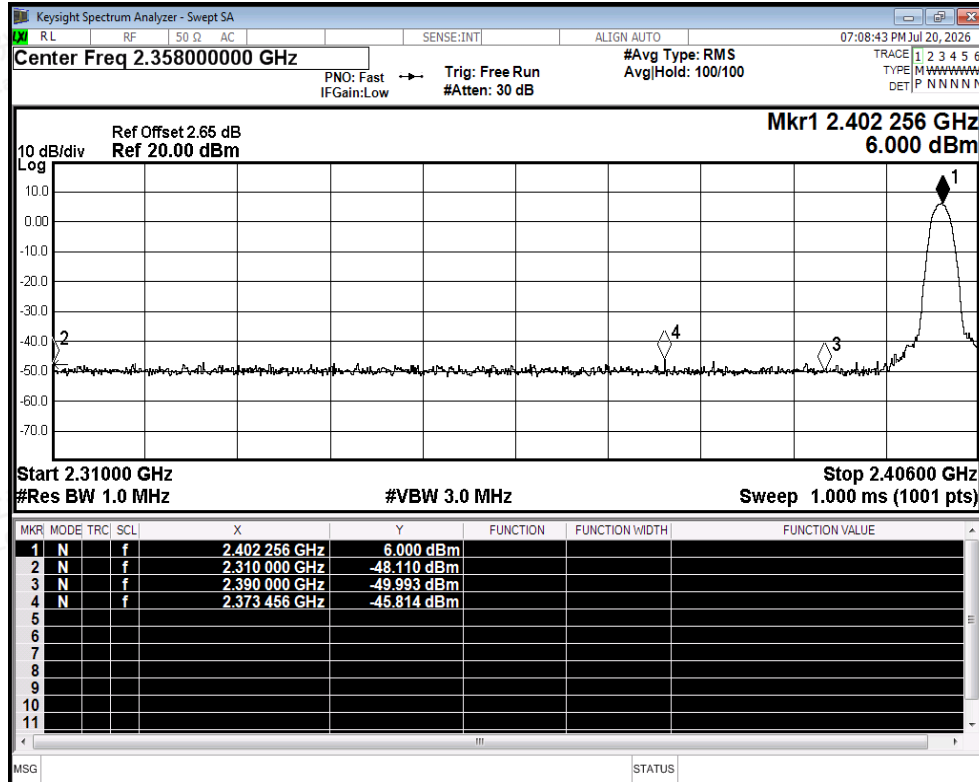


Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Average

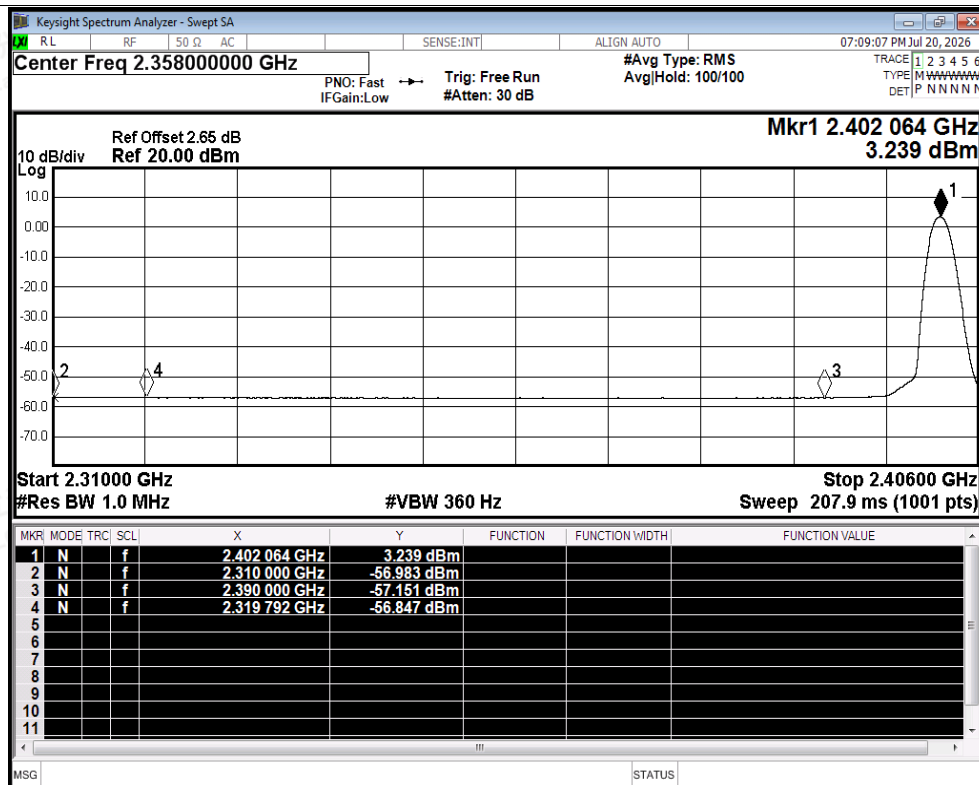
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Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Peak

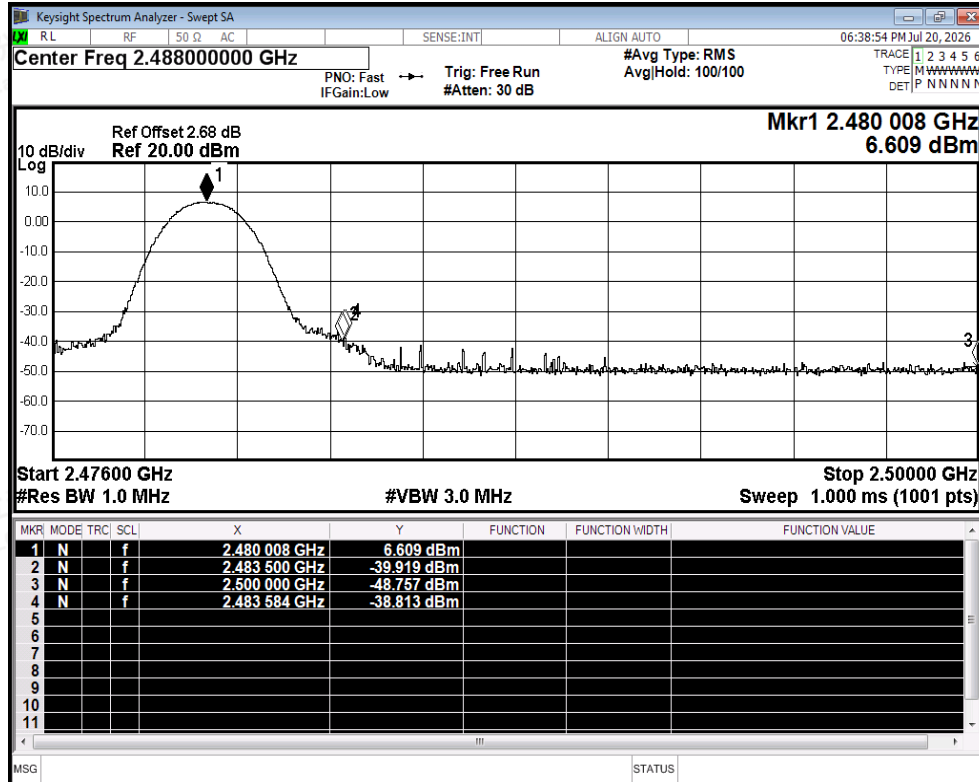


Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Average

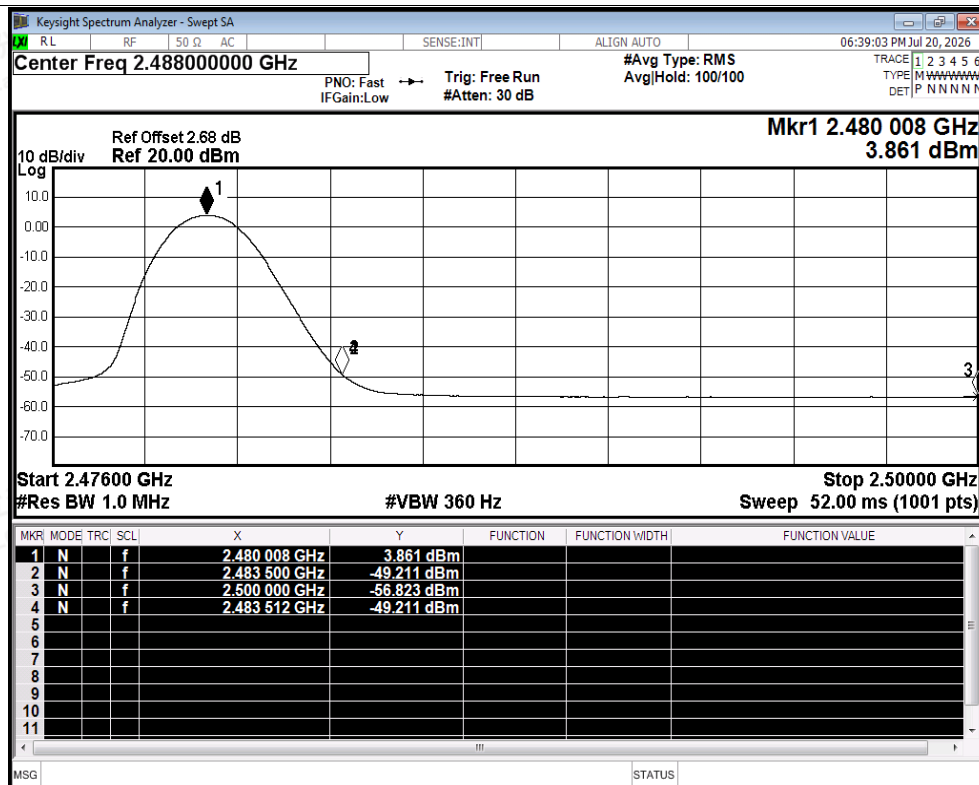
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