



Appendix A

RF Test Data for BT(Conducted Measurement)

Product Name: 06 Bay Smart Locker

Test Model: TSHL-06BA

Environmental Conditions

Temperature:	24.5° C
Relative Humidity:	53.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Jerry Chu
Supervised by:	Can Kun



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A.1 -20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.9556	No Limited	Pass
NVNT	1-DH5	2441	Ant1	0.9434	No Limited	Pass
NVNT	1-DH5	2480	Ant1	0.9564	No Limited	Pass
NVNT	2-DH5	2402	Ant1	1.28	No Limited	Pass
NVNT	2-DH5	2441	Ant1	1.312	No Limited	Pass
NVNT	2-DH5	2480	Ant1	1.314	No Limited	Pass
NVNT	3-DH5	2402	Ant1	1.295	No Limited	Pass
NVNT	3-DH5	2441	Ant1	1.292	No Limited	Pass
NVNT	3-DH5	2480	Ant1	1.295	No Limited	Pass

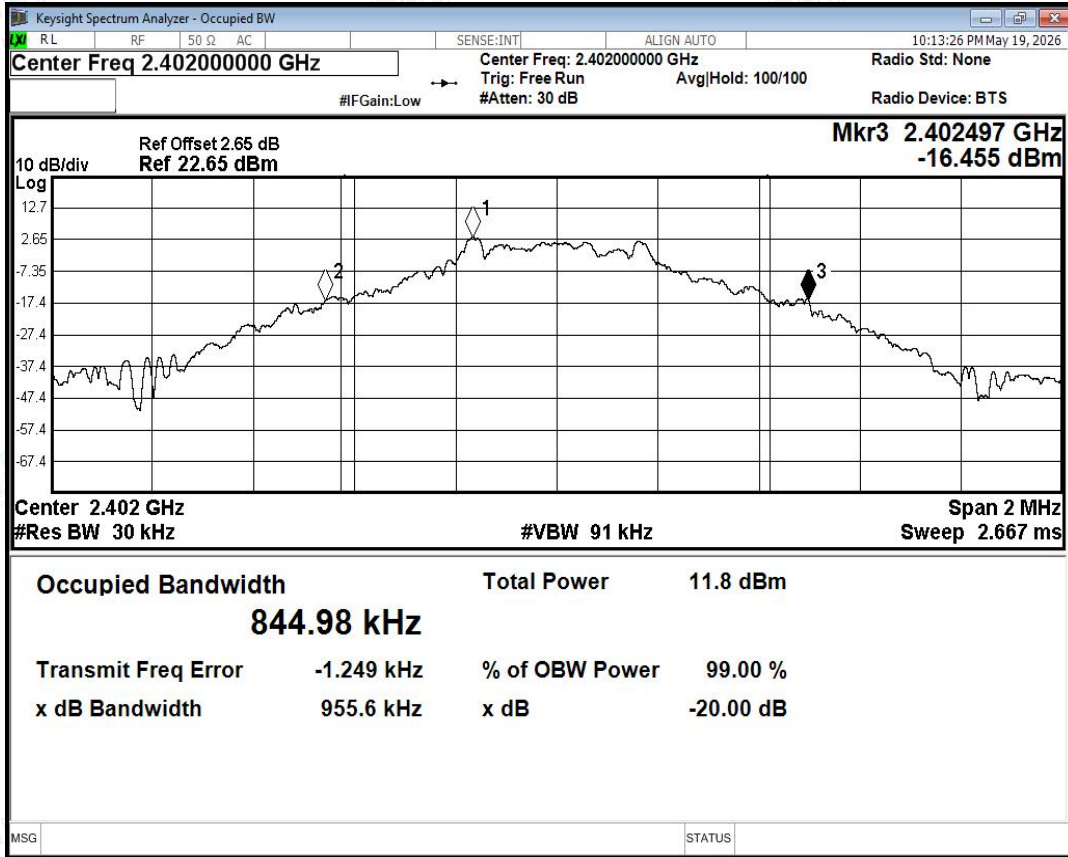


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-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1

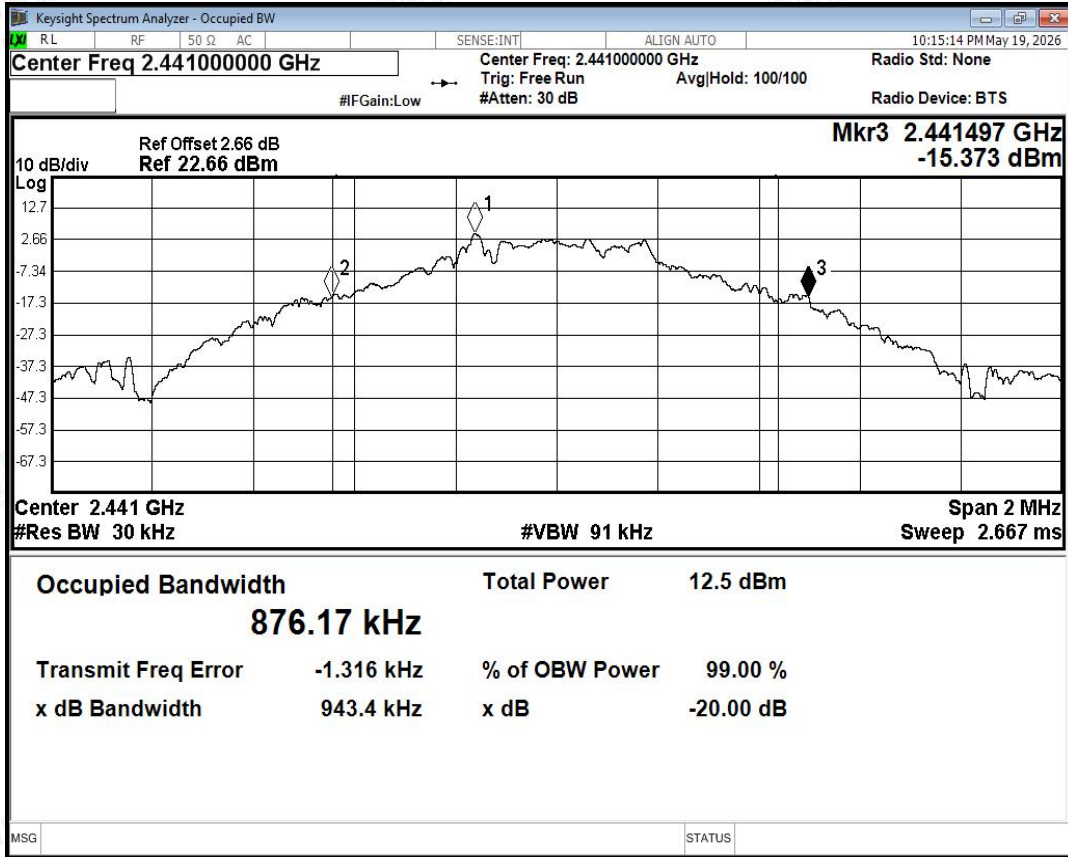


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-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1

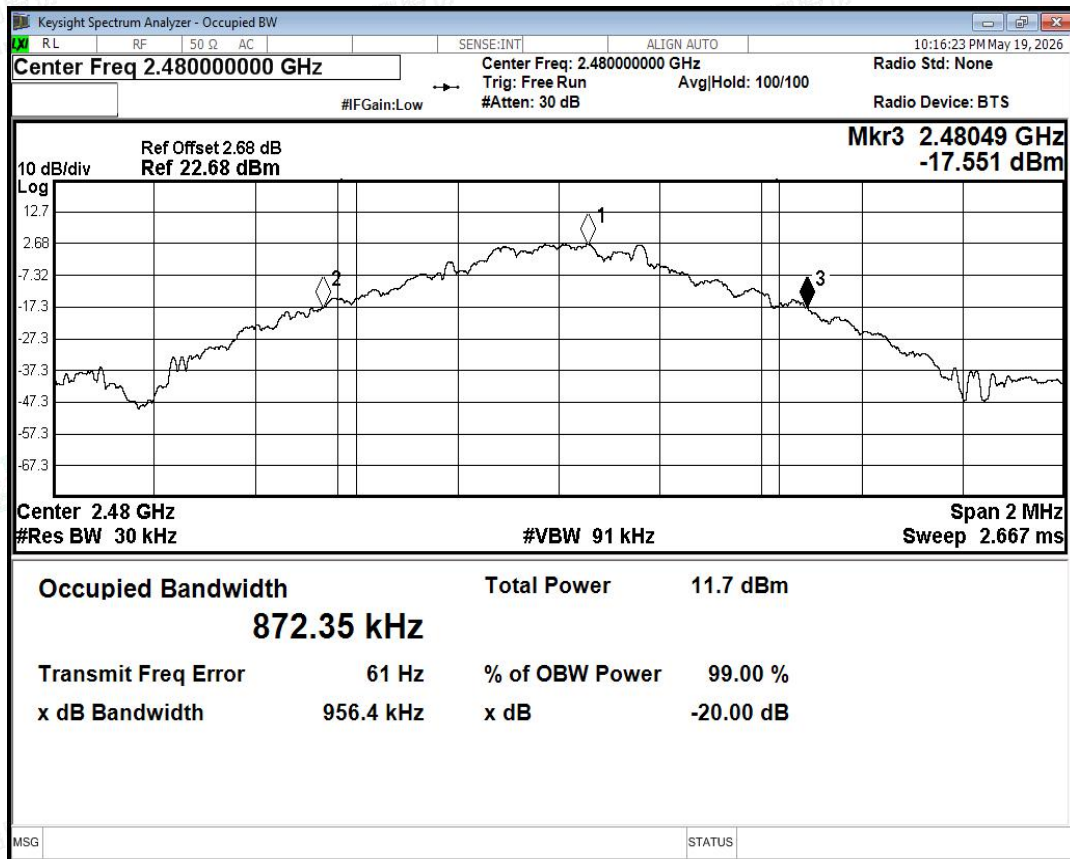


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-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1

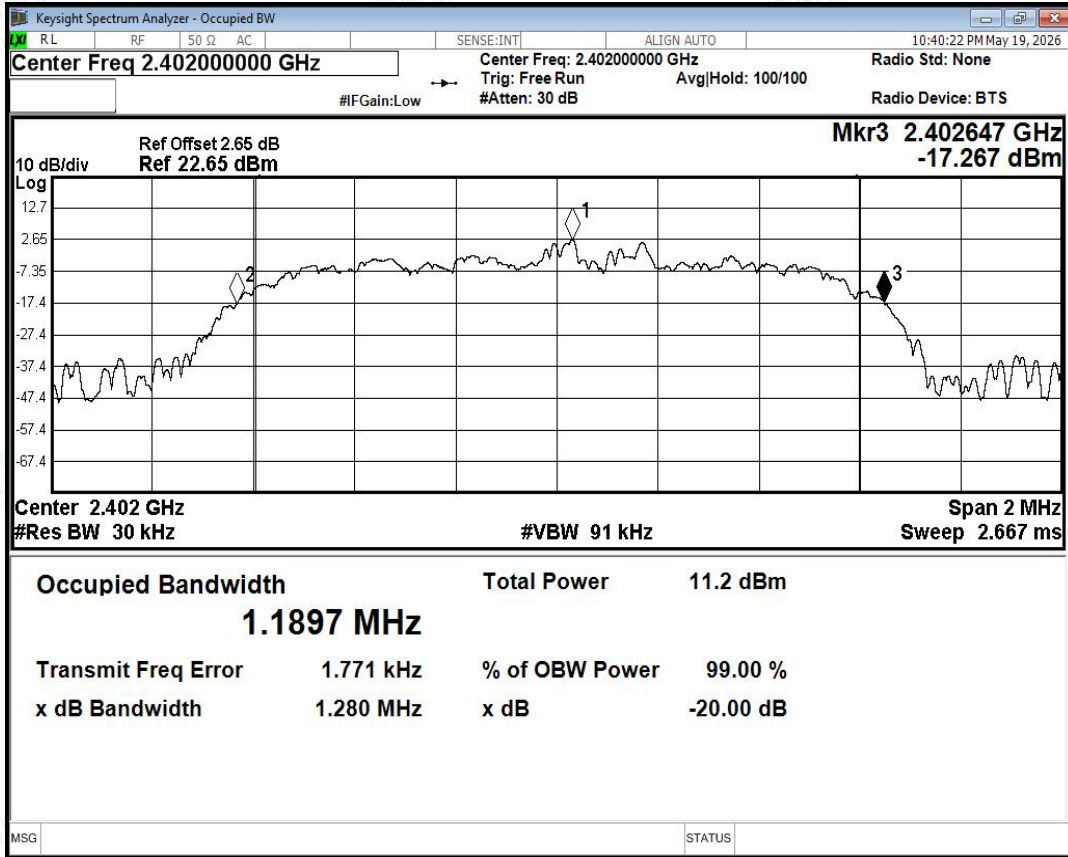


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-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1

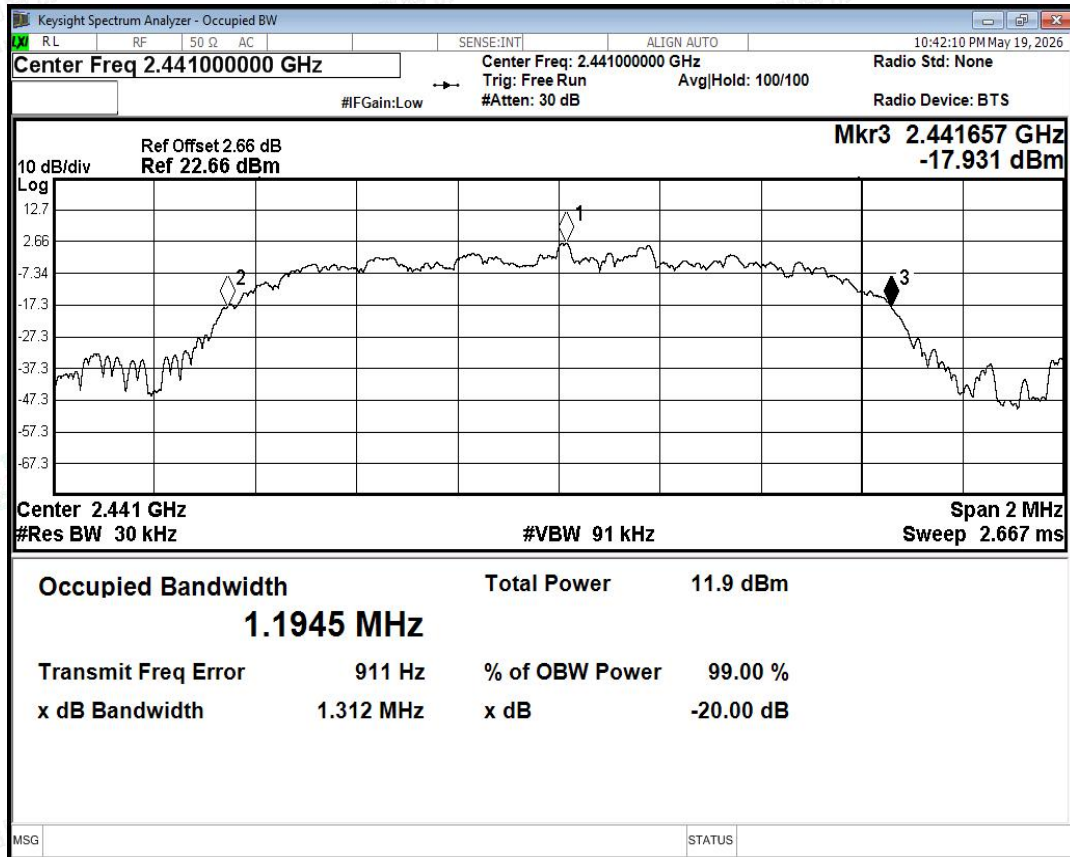


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-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1

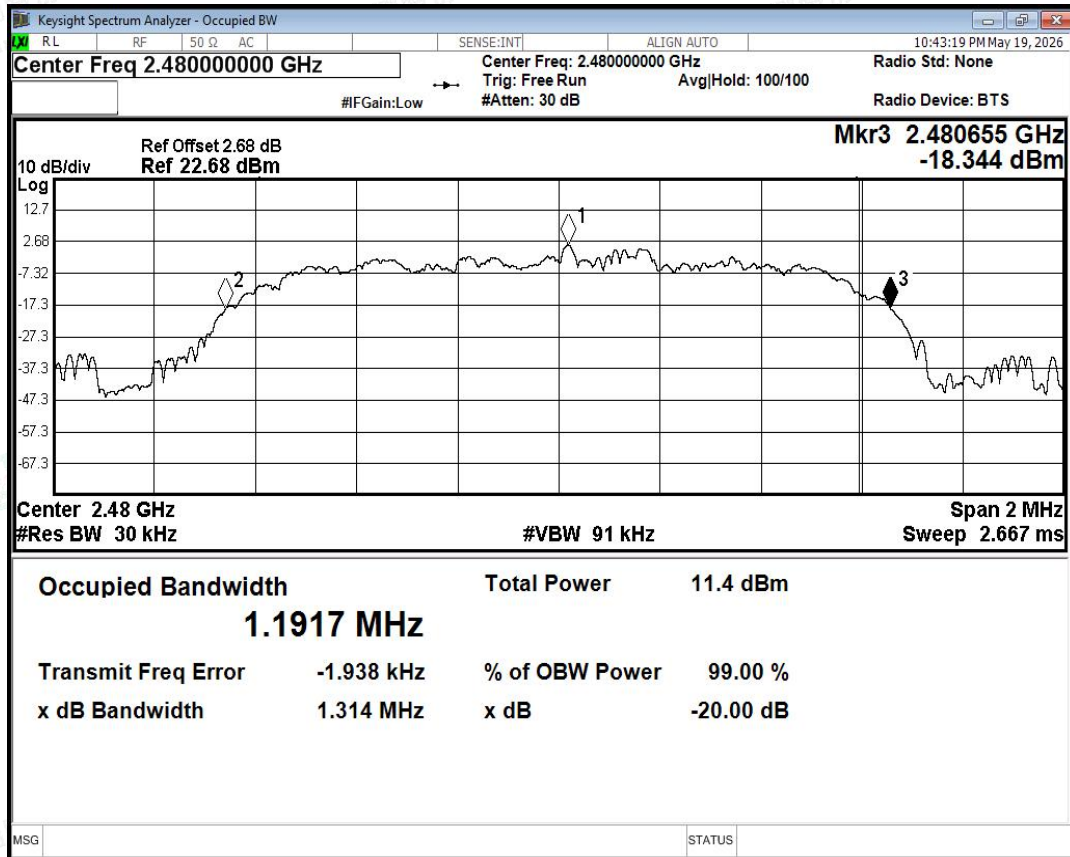


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-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1

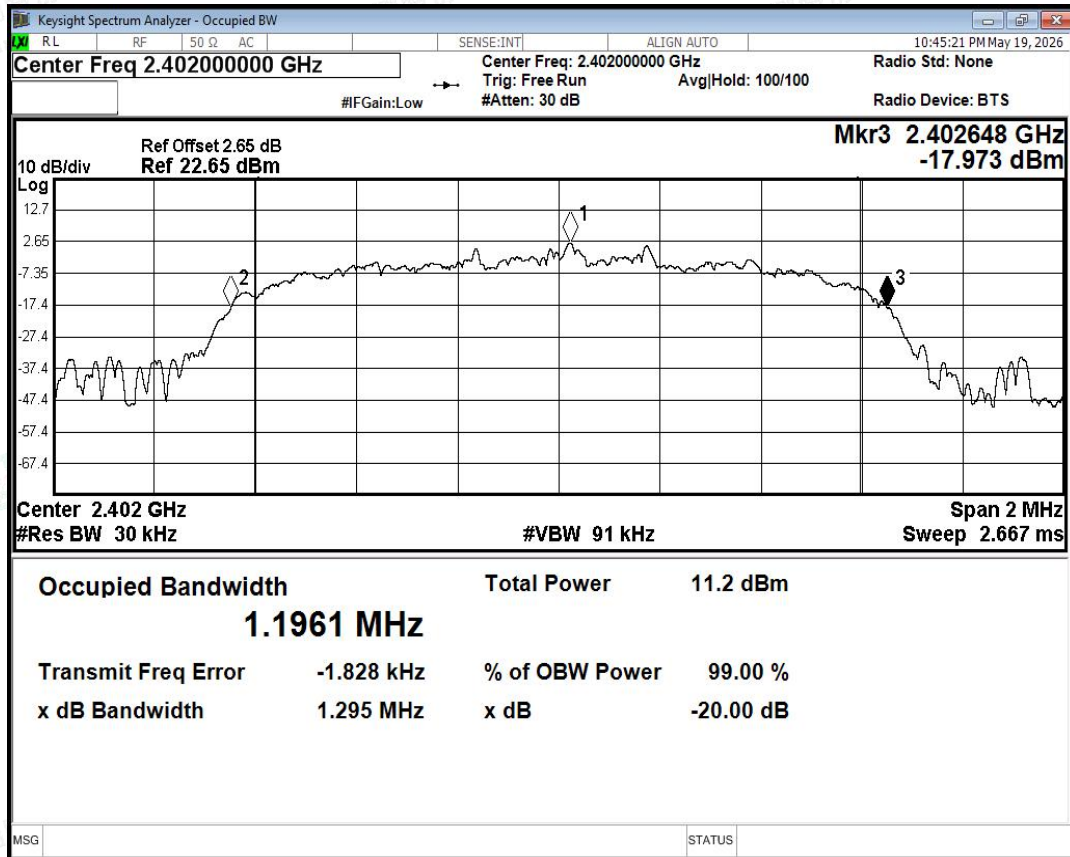


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-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1

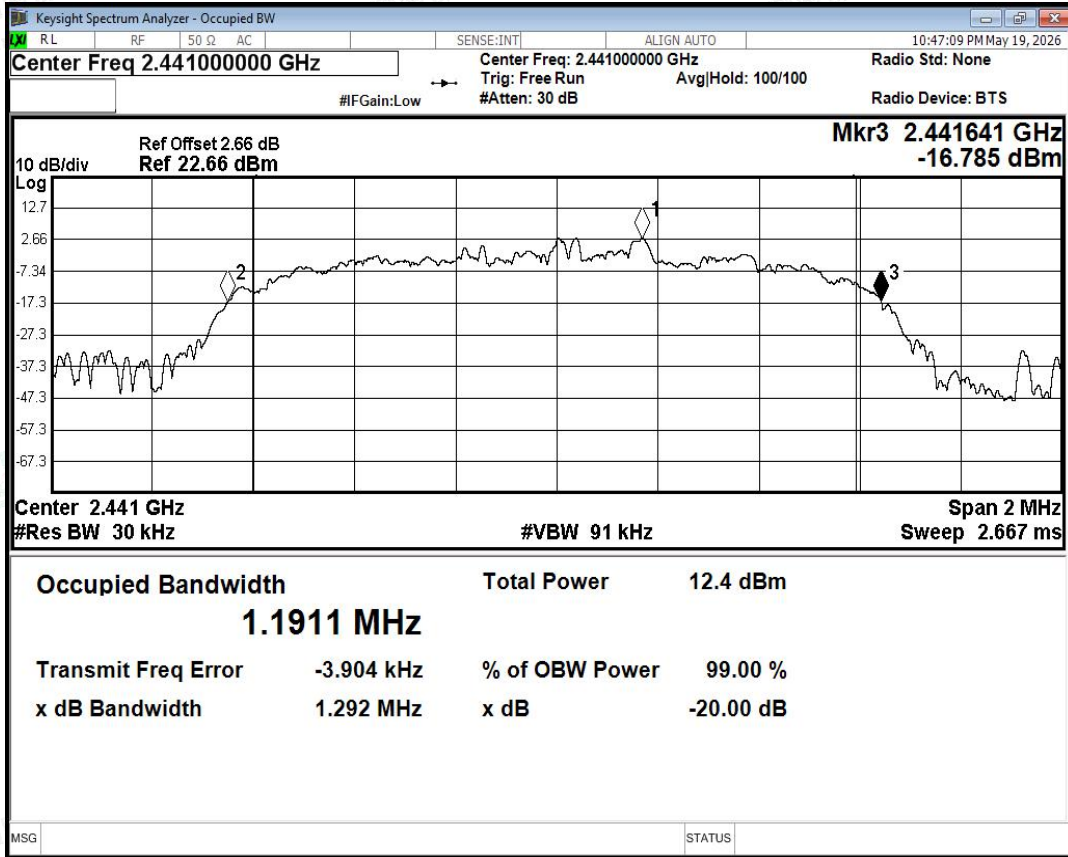


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-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1

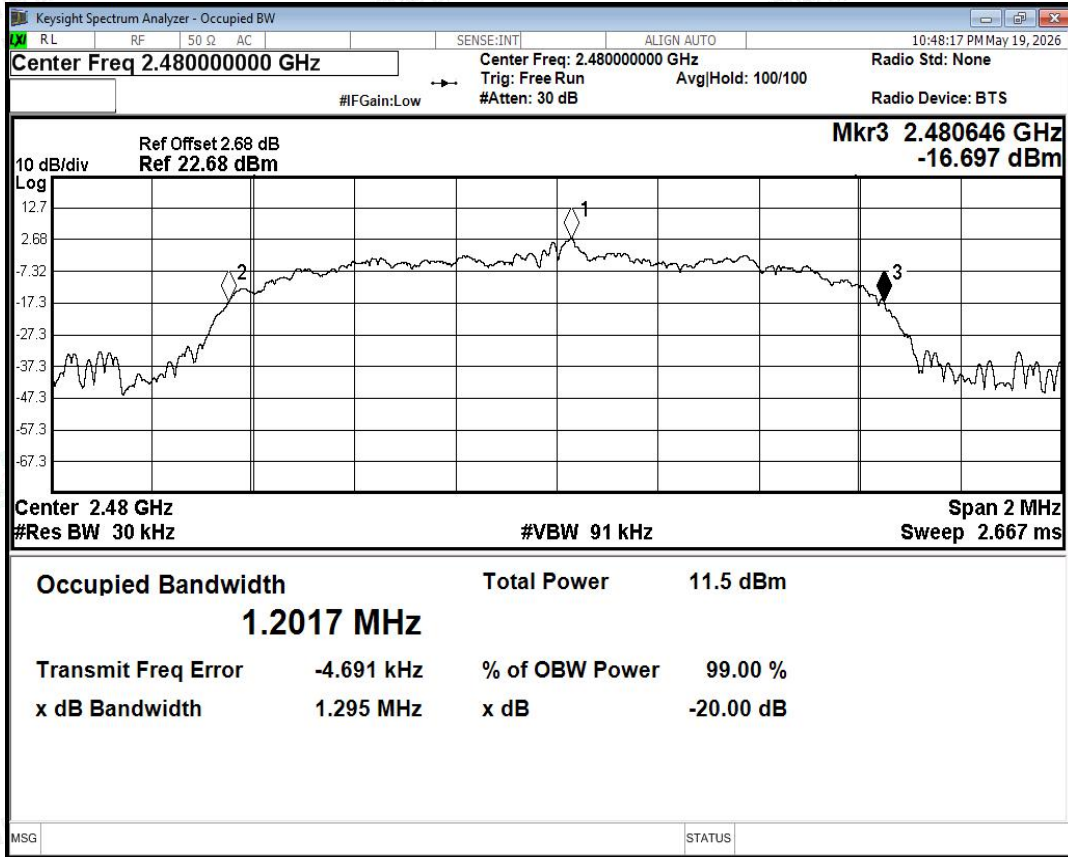


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-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1



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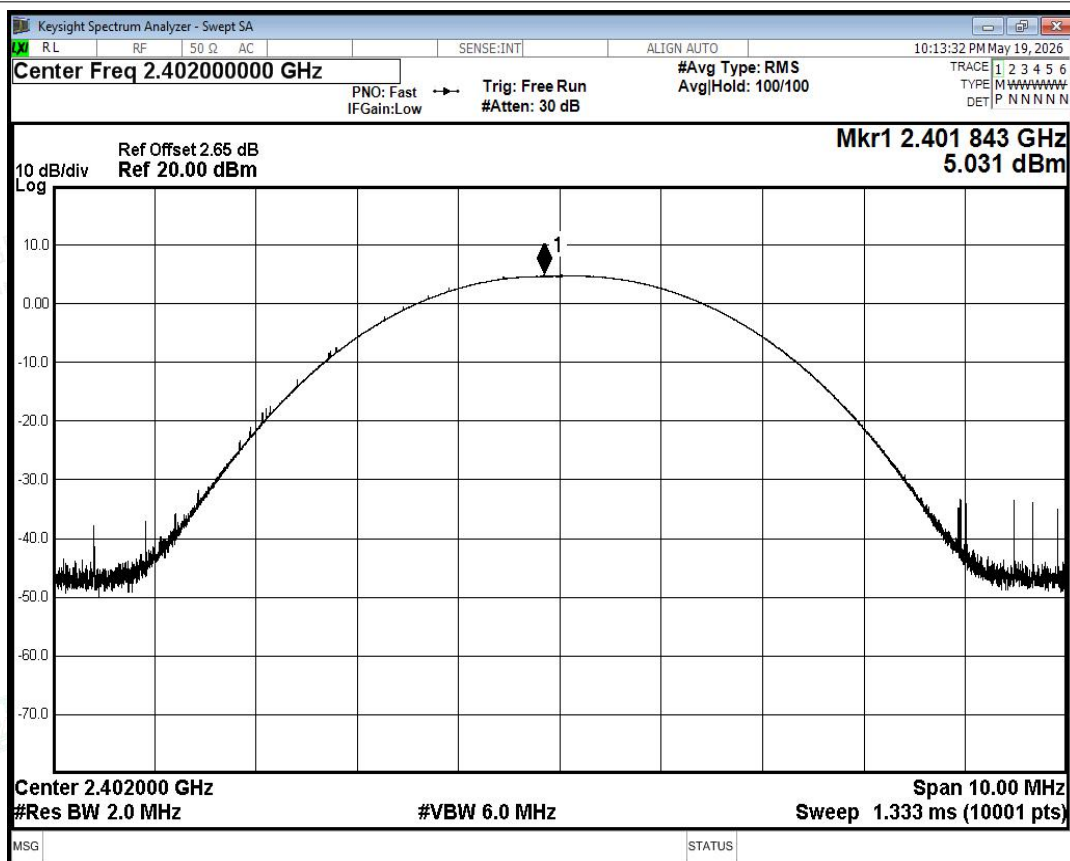
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A.2 Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit Conducted(dBm)	Verdict
NVNT	1-DH5	2402	Ant1	5.03	30	Pass
NVNT	1-DH5	2441	Ant1	6.09	30	Pass
NVNT	1-DH5	2480	Ant1	5.5	30	Pass
NVNT	2-DH5	2402	Ant1	6.51	30	Pass
NVNT	2-DH5	2441	Ant1	7.56	30	Pass
NVNT	2-DH5	2480	Ant1	6.81	30	Pass
NVNT	3-DH5	2402	Ant1	6.8	30	Pass
NVNT	3-DH5	2441	Ant1	7.85	30	Pass
NVNT	3-DH5	2480	Ant1	7.01	30	Pass



Peak Power NVNT 1-DH5 2402MHz Ant1

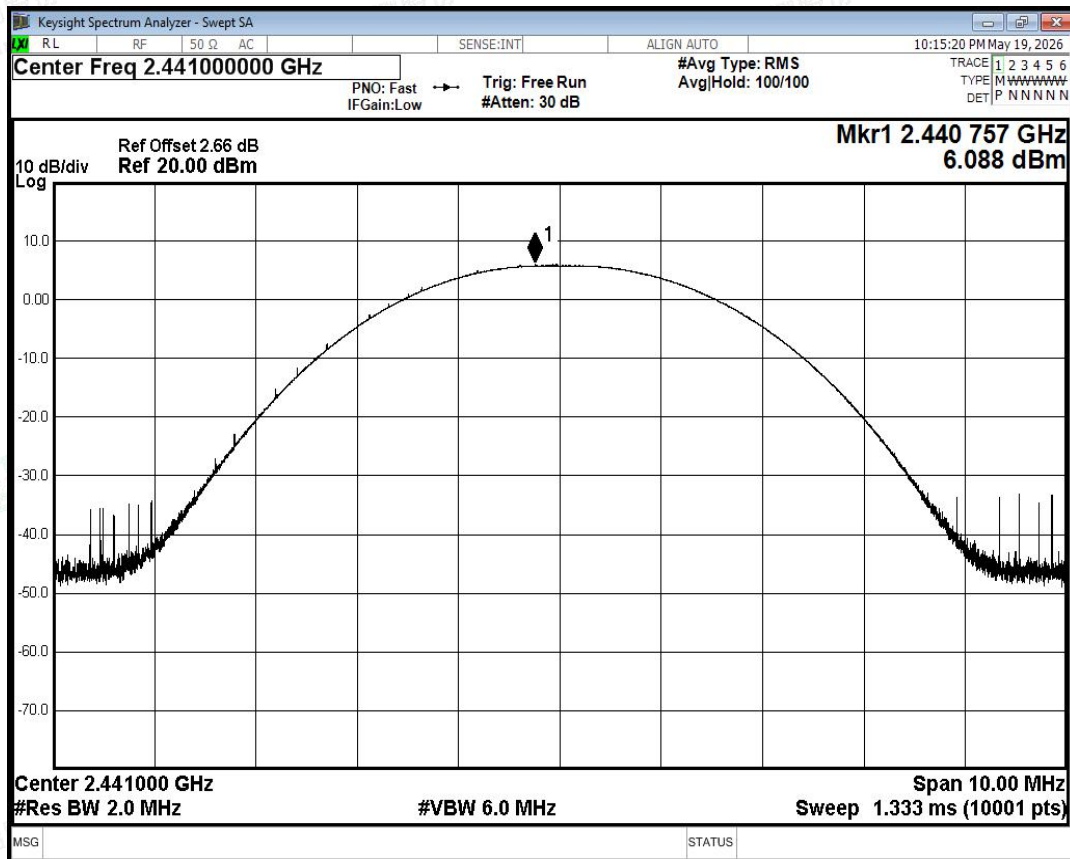


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Peak Power NVNT 1-DH5 2441MHz Ant1

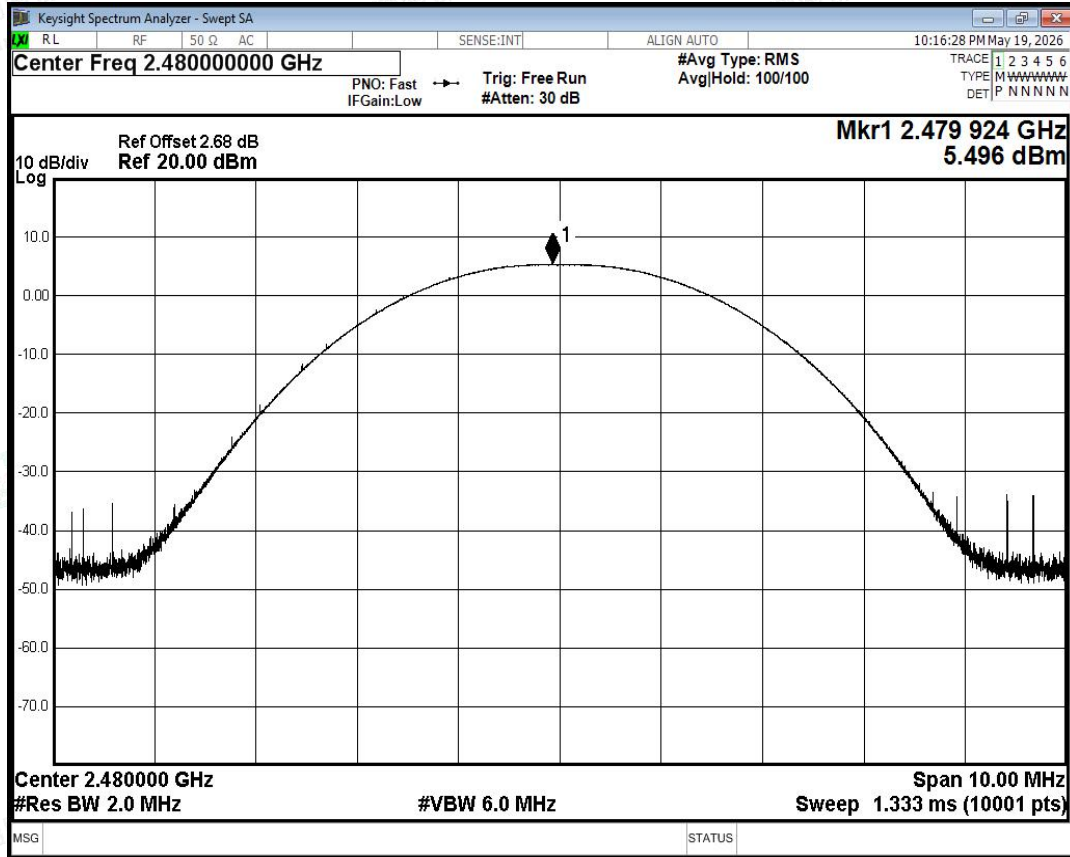


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Peak Power NVNT 1-DH5 2480MHz Ant1

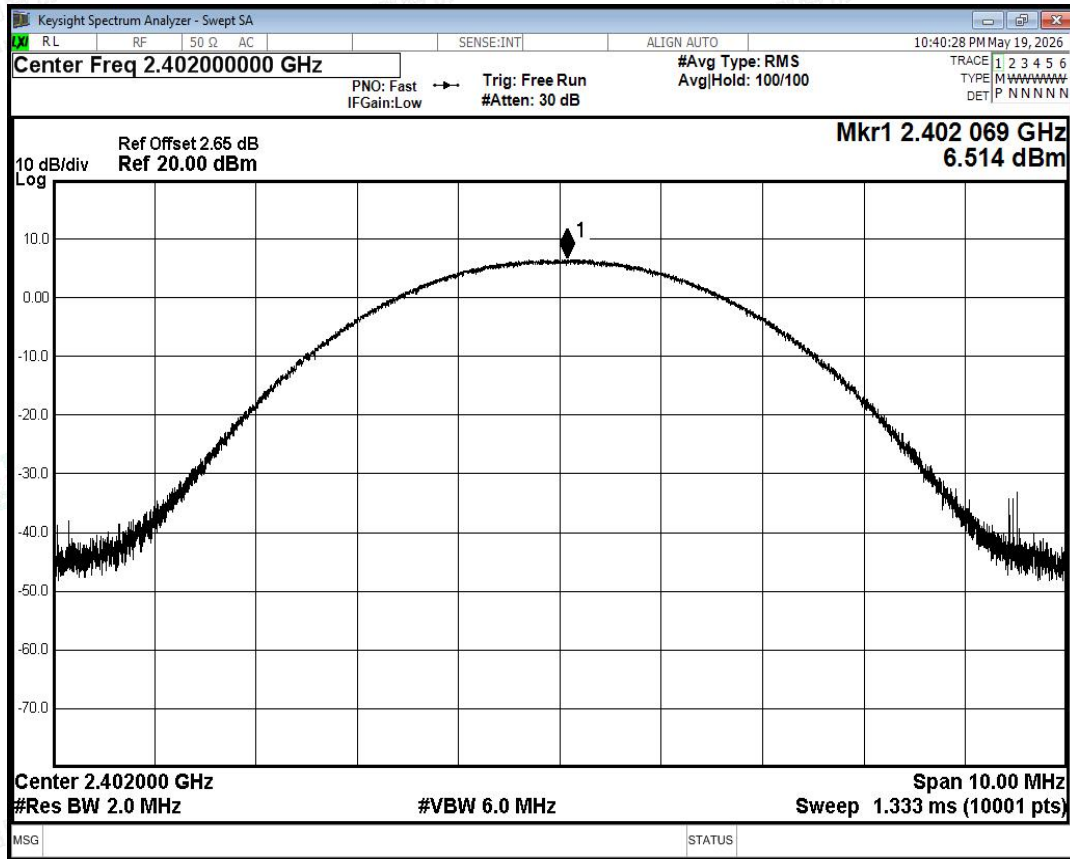


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Peak Power NVNT 2-DH5 2402MHz Ant1

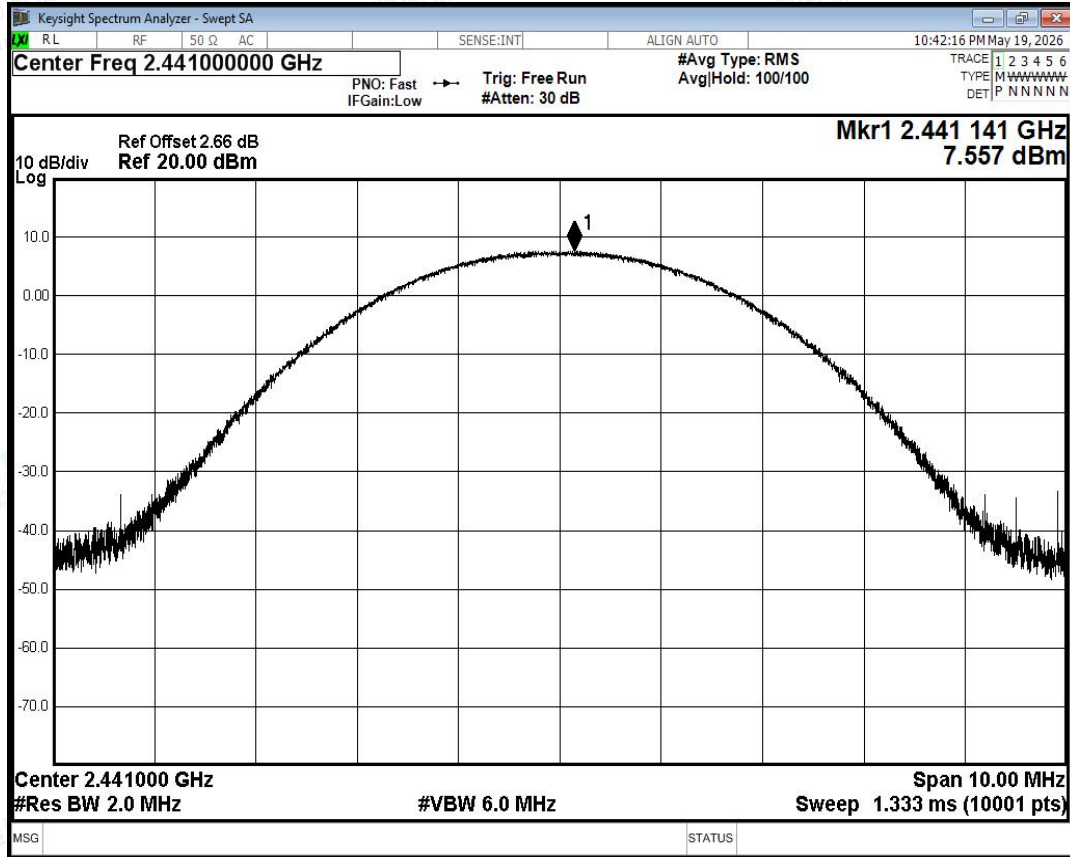


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Peak Power NVNT 2-DH5 2441MHz Ant1

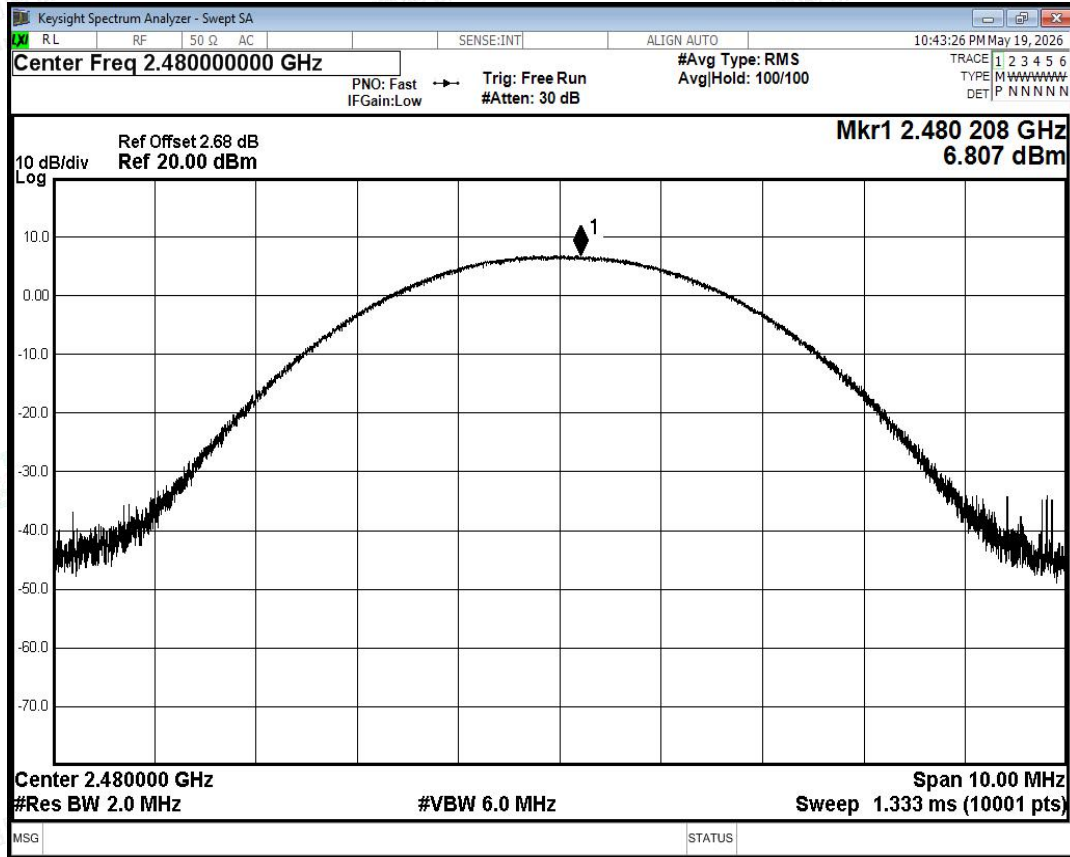


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Peak Power NVNT 2-DH5 2480MHz Ant1

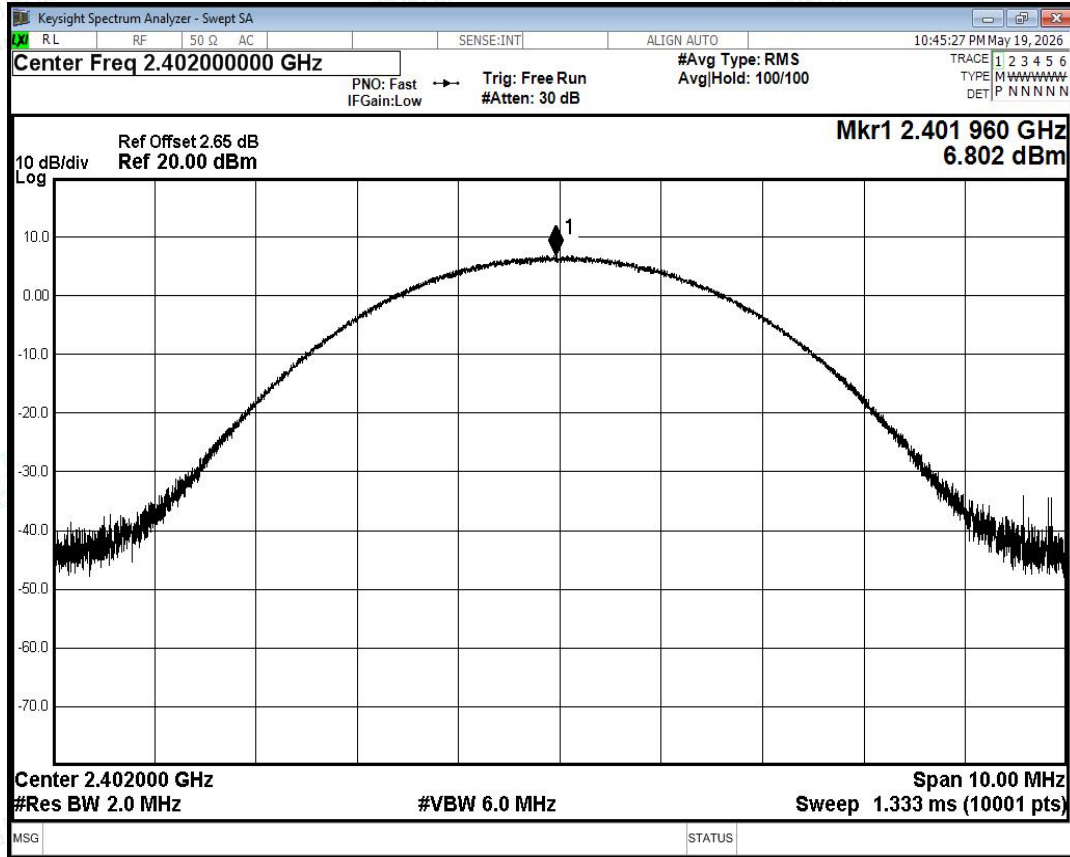


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Peak Power NVNT 3-DH5 2402MHz Ant1

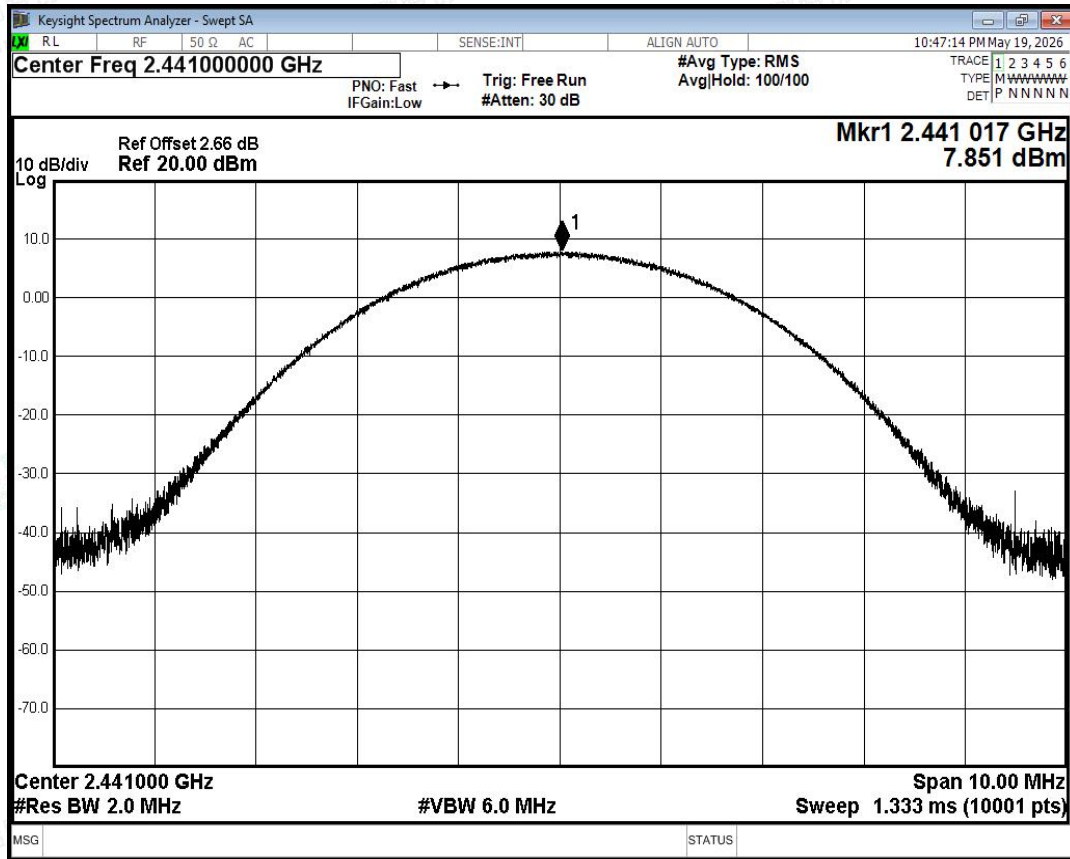


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Peak Power NVNT 3-DH5 2441MHz Ant1

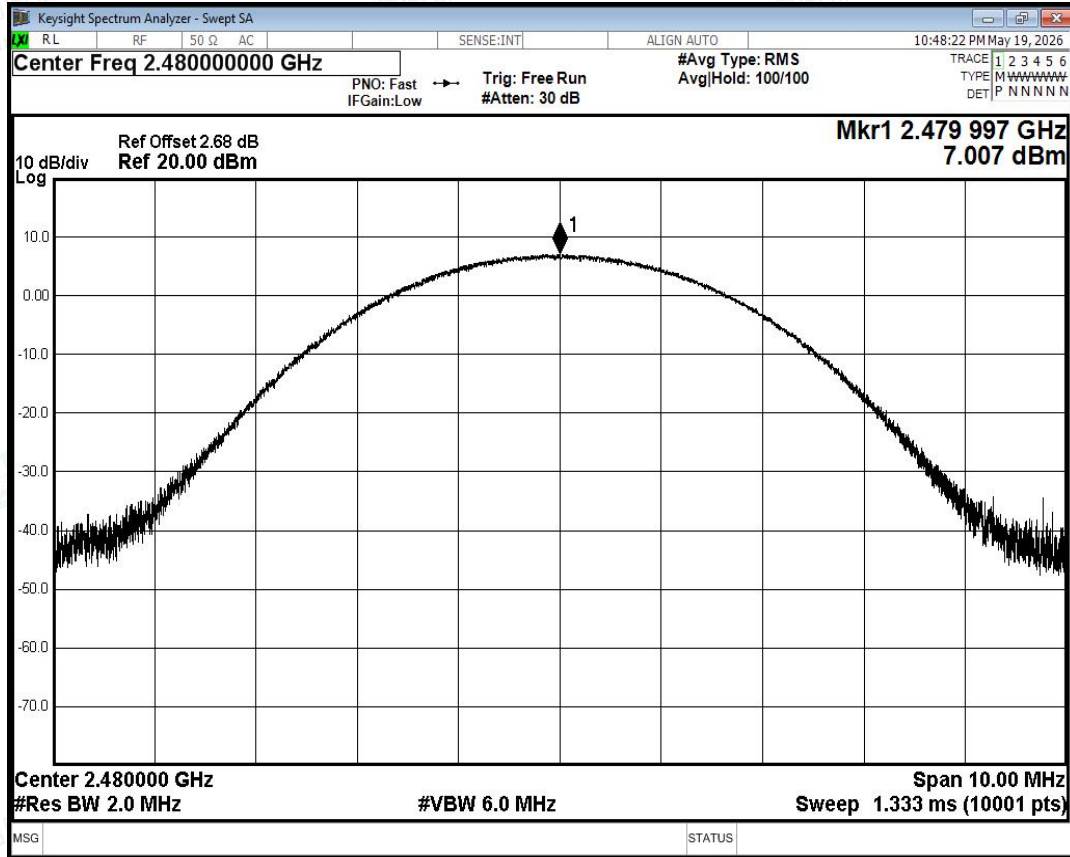


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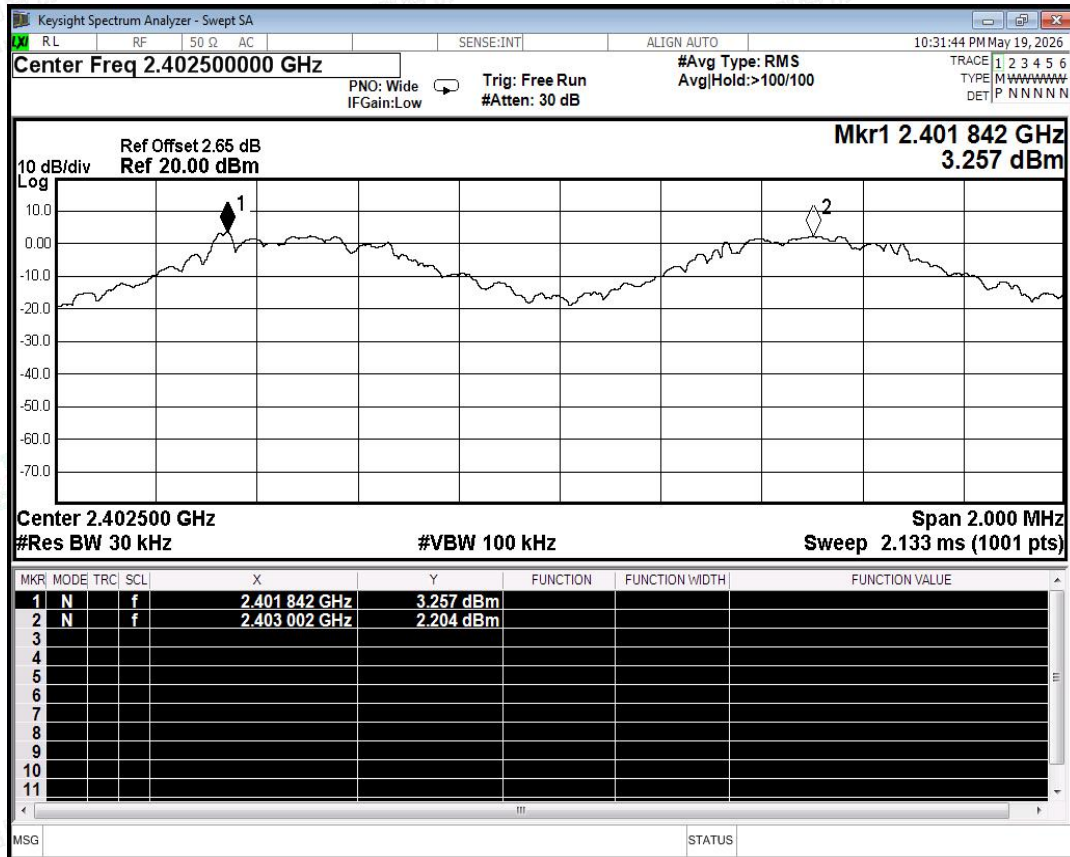
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A.3 Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.842	2403.002	1.16	0.637	Pass
NVNT	2-DH5	Ant1	2402.022	2403.028	1.006	0.849	Pass
NVNT	3-DH5	Ant1	2402.026	2403.032	1.006	0.863	Pass





CFS NVNT 1-DH5 2402MHz Ant1

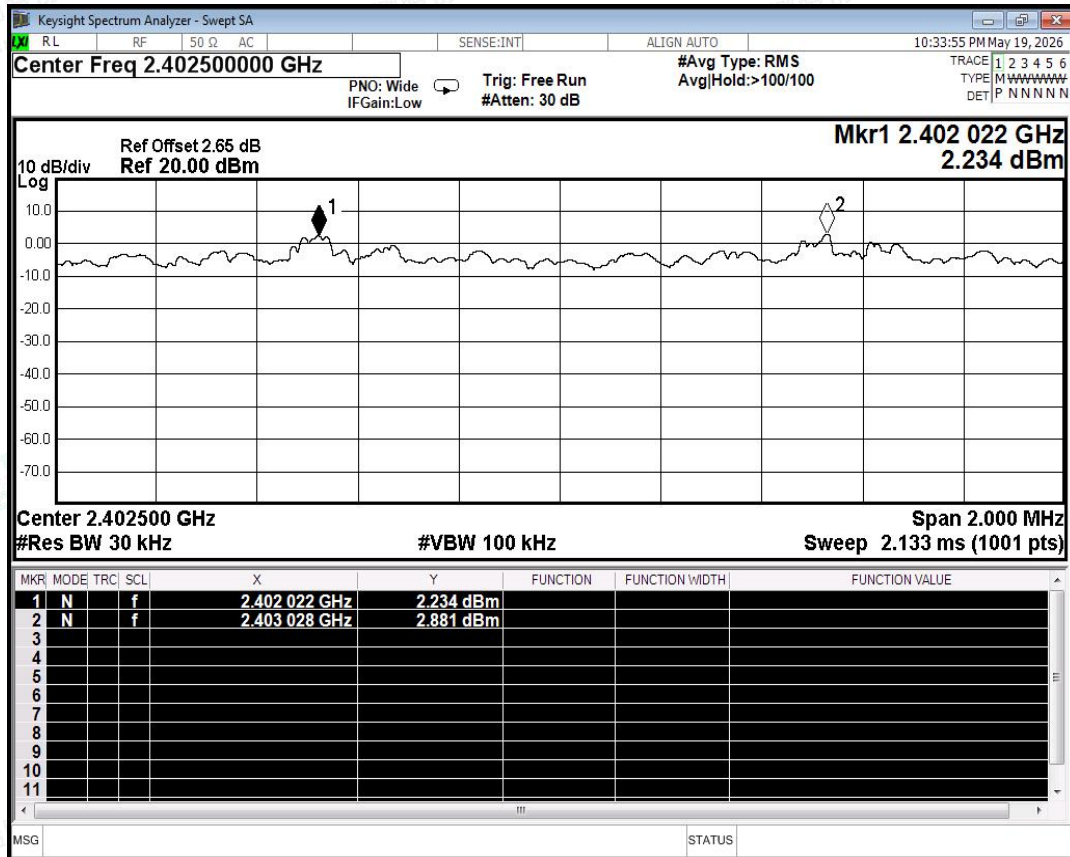


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CFS NVNT 2-DH5 2402MHz Ant1

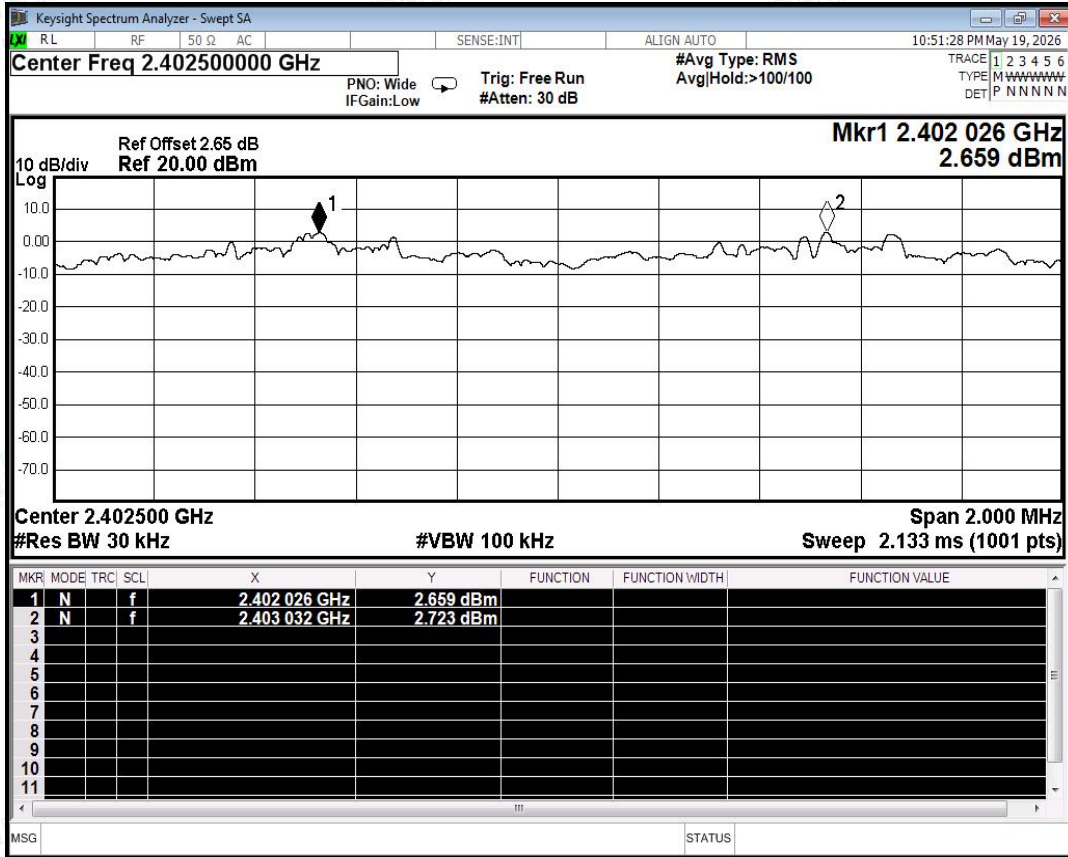


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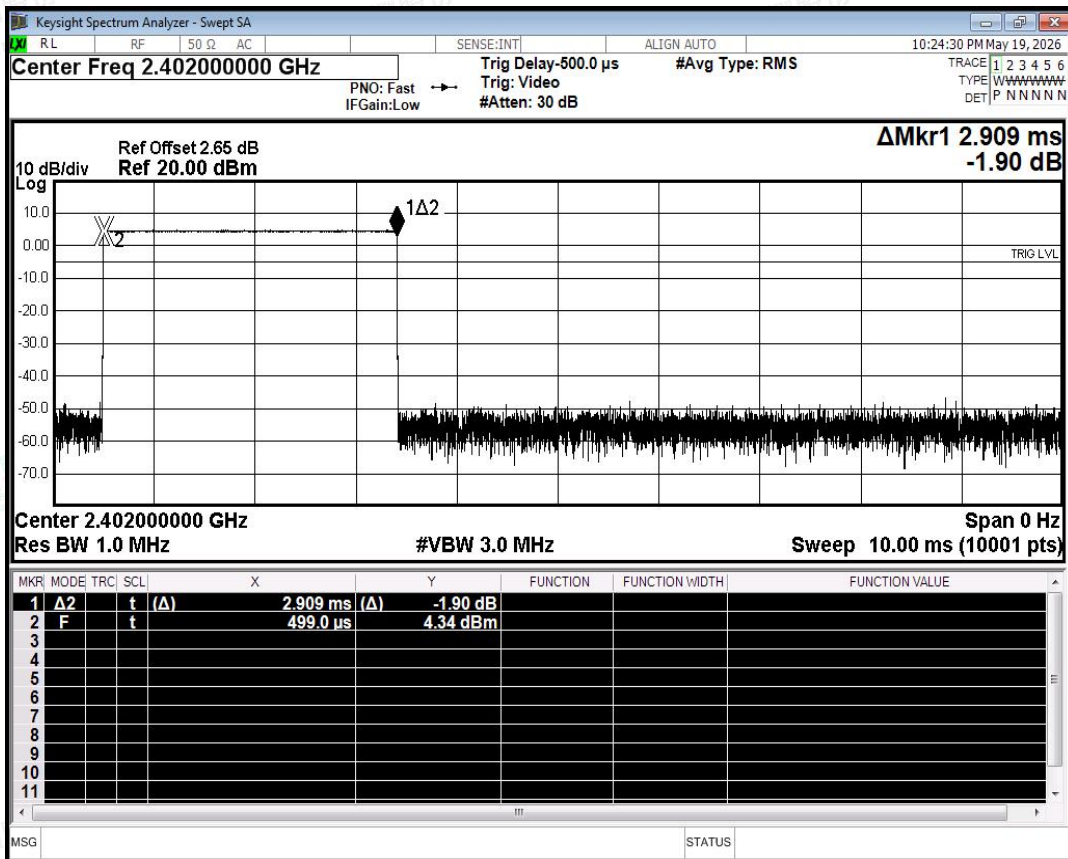


A.4 Dwell Time

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	349.08	120	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.898	307.188	106	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.891	329.574	114	31600	400	Pass



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Dwell NVNT 1-DH5 2402MHz Ant1 One Burst

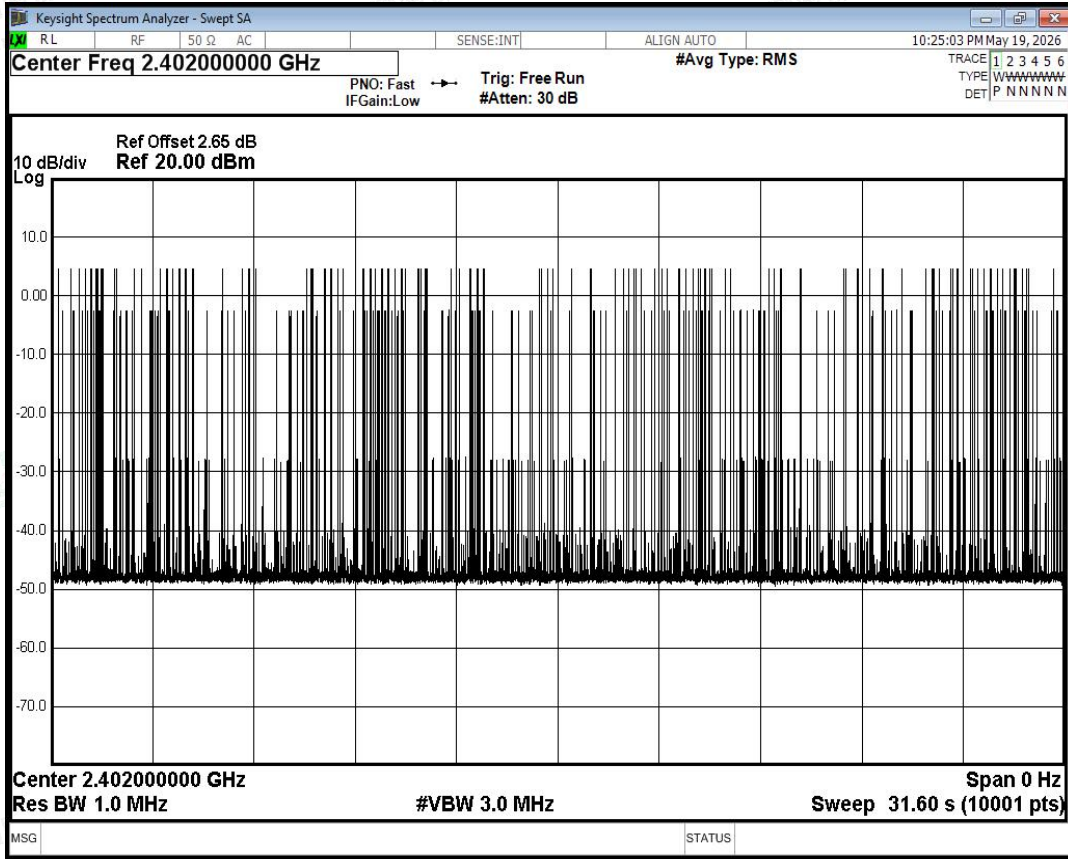


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Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated

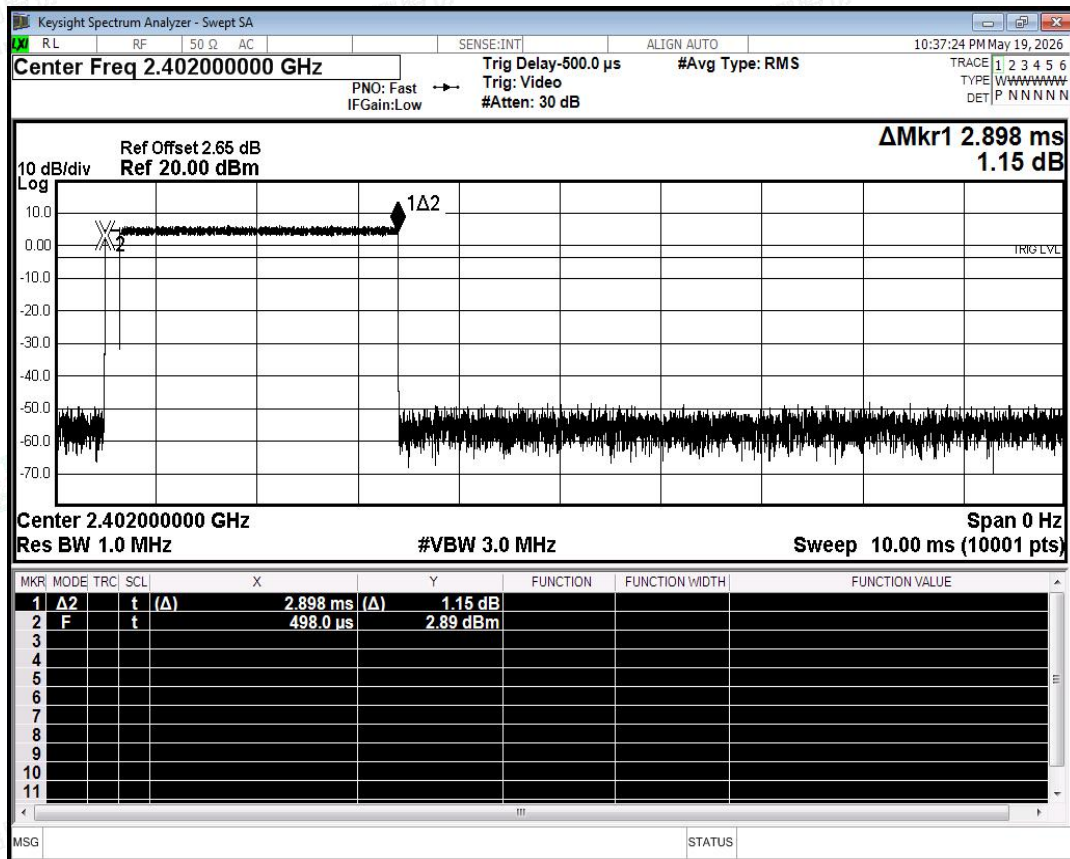


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Dwell NVNT 2-DH5 2402MHz Ant1 One Burst

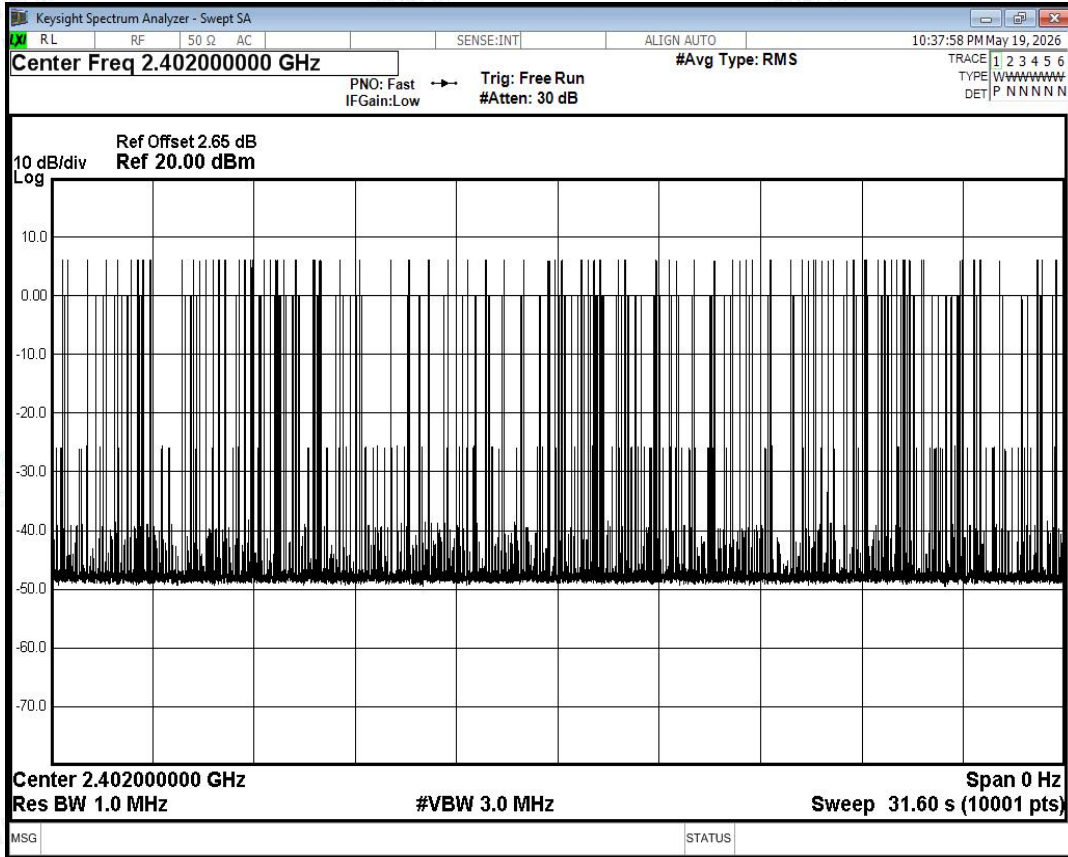


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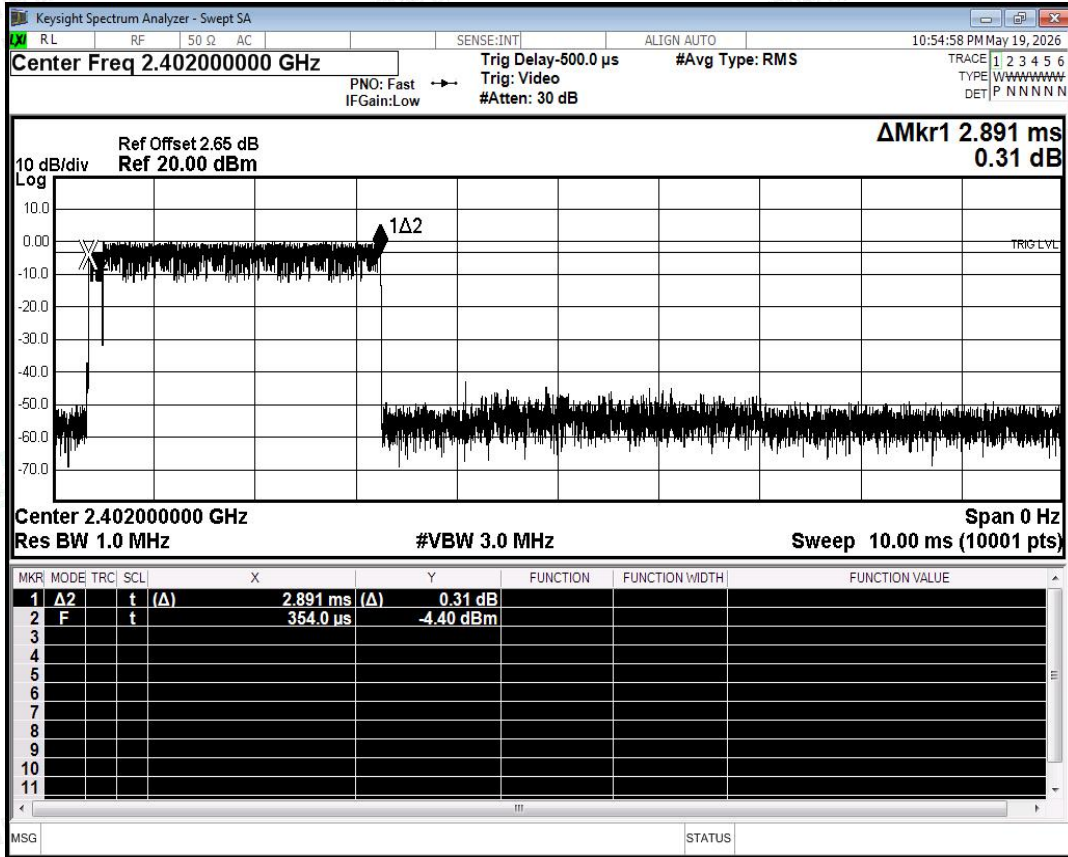


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