



Appendix A

RF Test Data for 2.4G (Conducted Measurement)

Product Name: Remote Control

Test Model: DK200B

Environmental Conditions

Temperature:	23.9°C
Relative Humidity:	52.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Can Kun
Supervised by:	Paddi Chen



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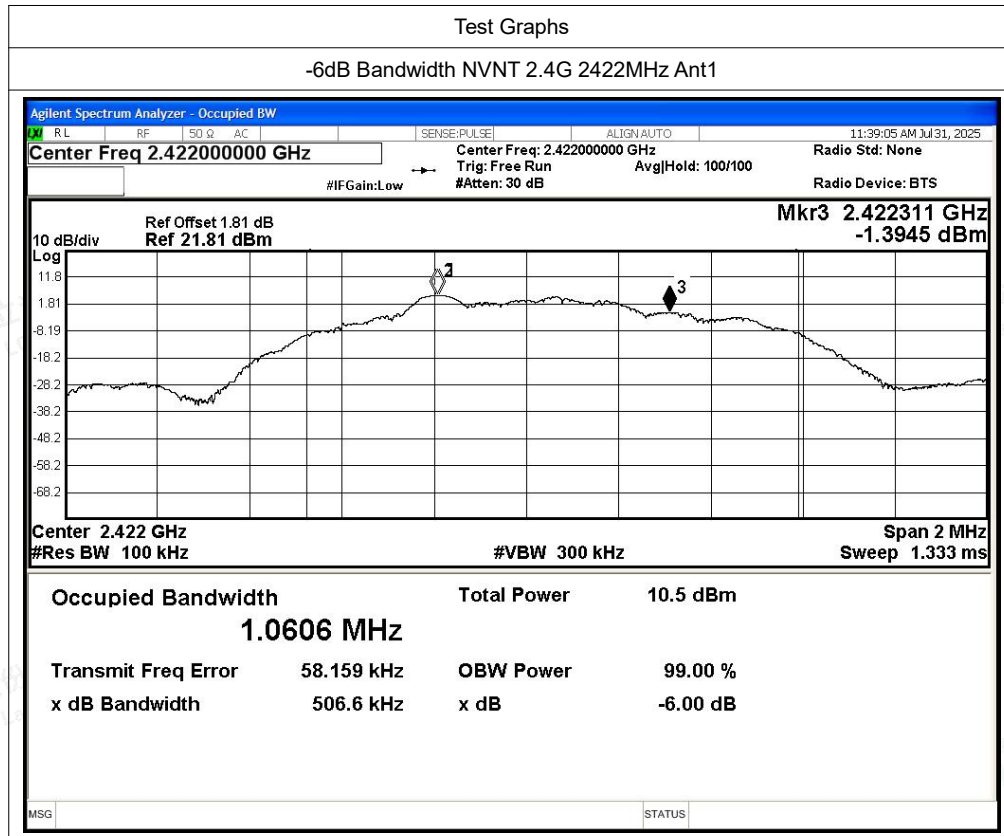
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A.1 -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	2.4G	2422	Ant1	0.507	>=0.5	Pass



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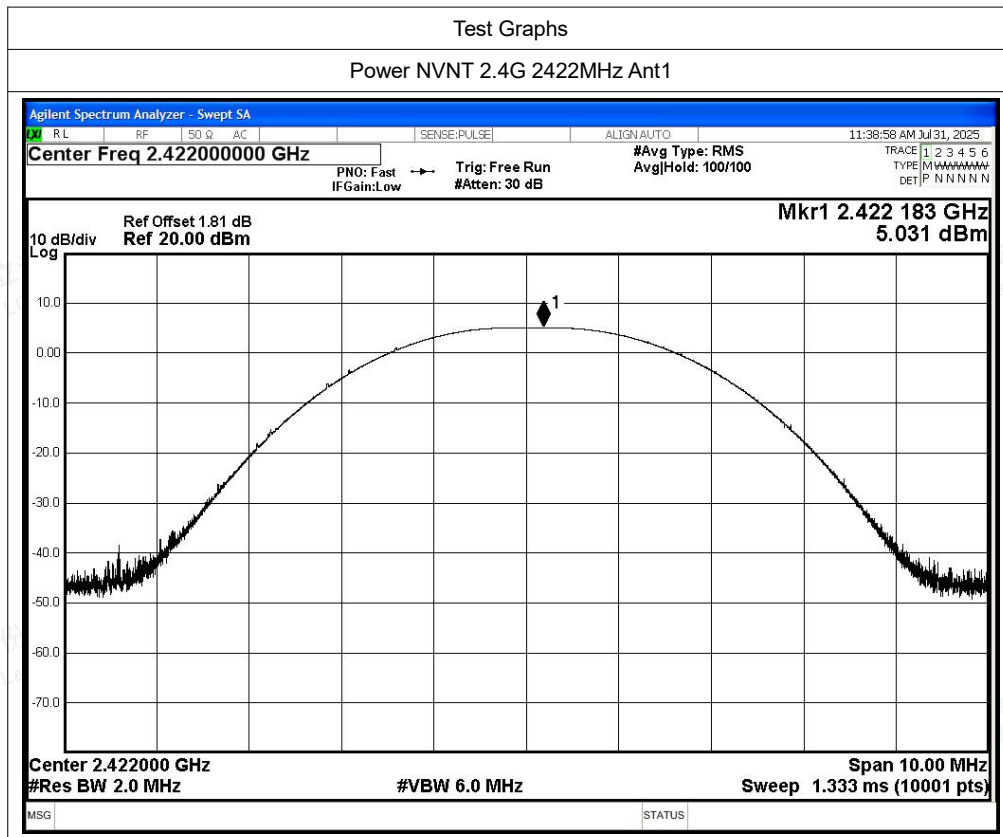
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A.2 Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	2.4G	2422	Ant1	5.03	30	Pass



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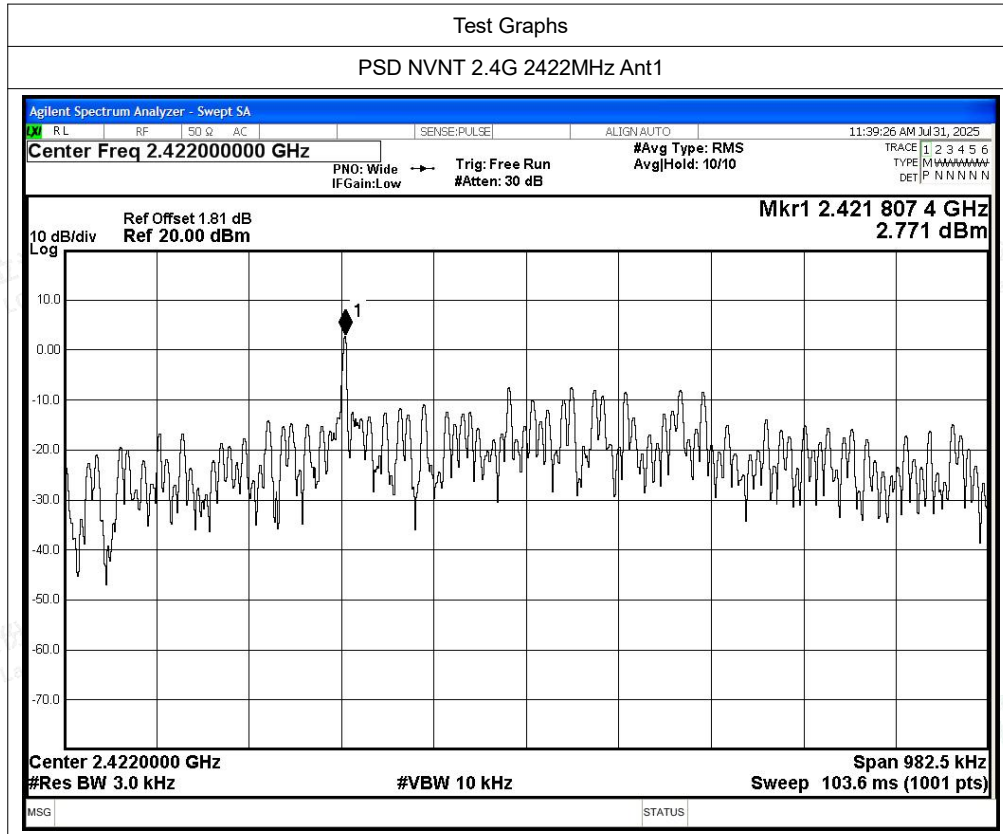
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A.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	2.4G	2422	Ant1	2.77	8	Pass



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A.4 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	2.4G	2422	Ant1	-61.71	-20	Pass
NVNT	2.4G	2422	Ant1	-62.7	-20	Pass



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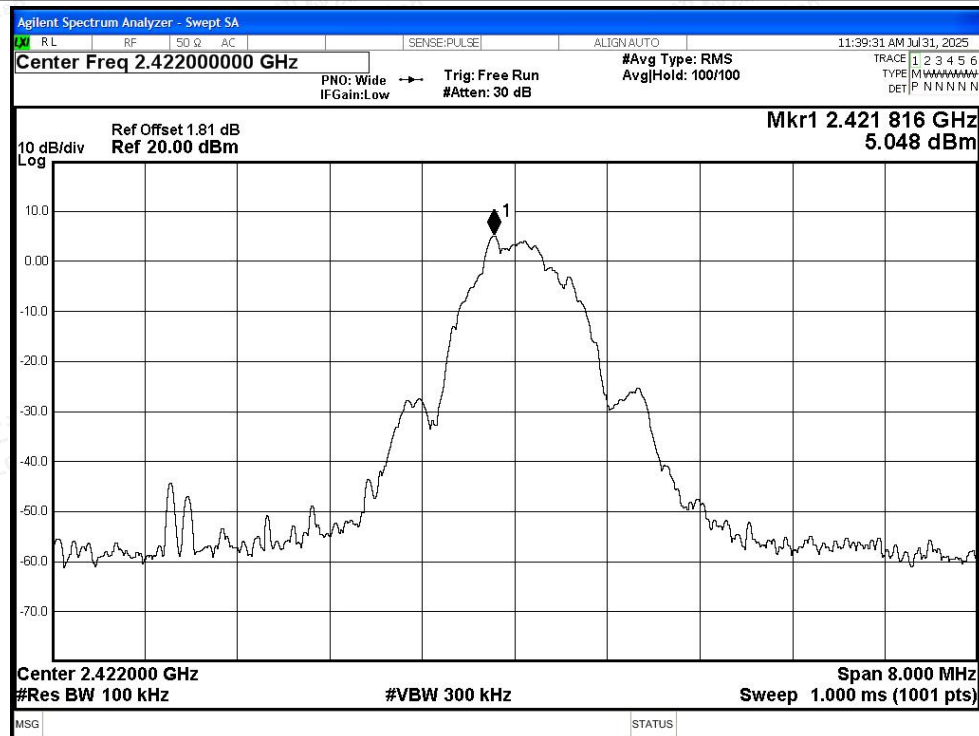
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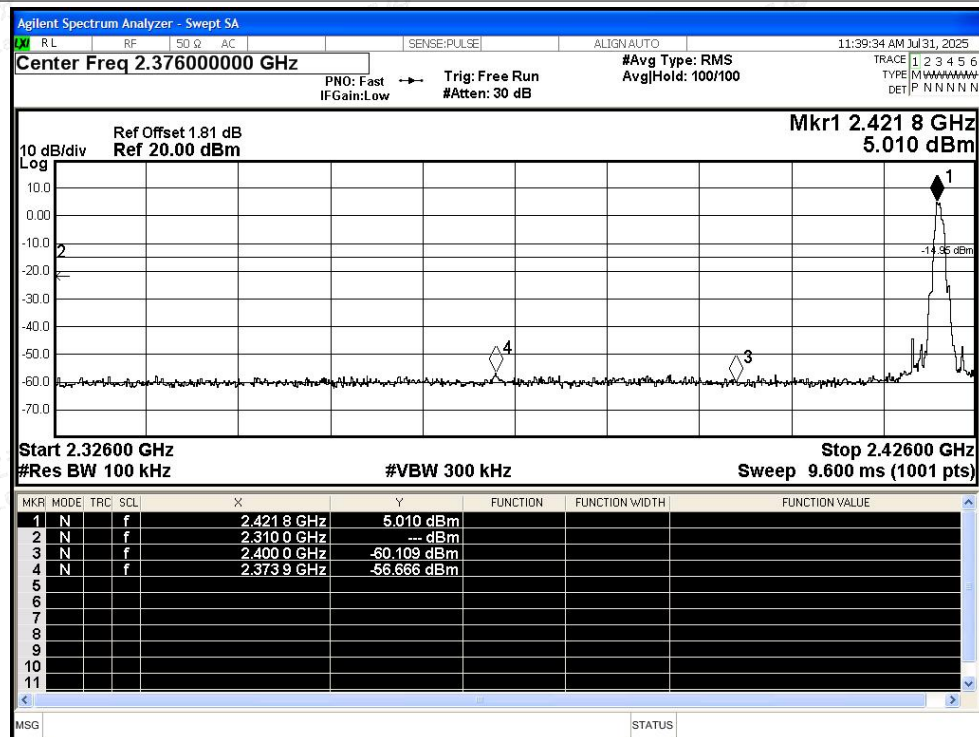


Test Graphs

Band Edge NVNT 2.4G 2422MHz Ant1 Ref



Band Edge NVNT 2.4G 2422MHz Ant1 Emission



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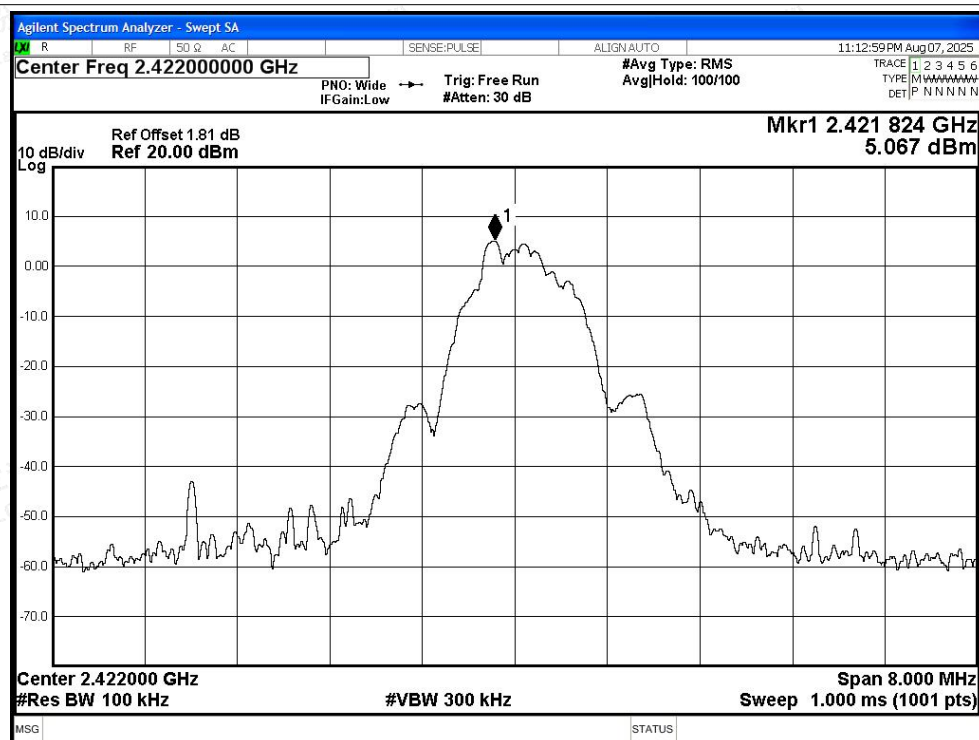
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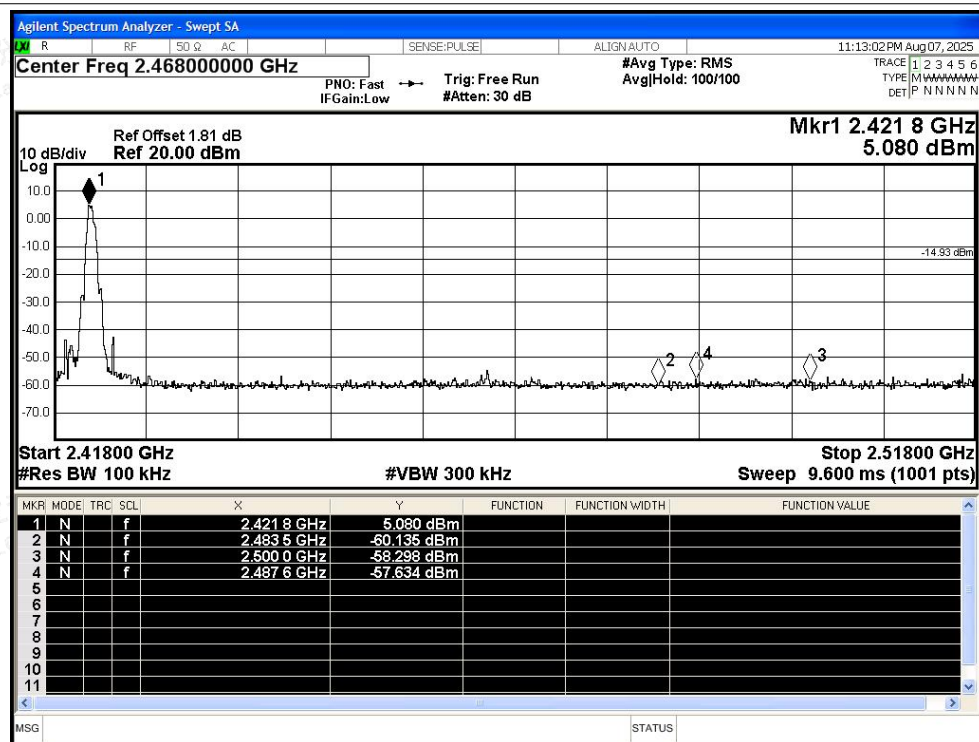
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Band Edge NVNT 2.4G 2422MHz Ant1 Ref



Band Edge NVNT 2.4G 2422MHz Ant1 Emission



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A.5 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	2.4G	2422	Ant1	-49.35	-20	Pass



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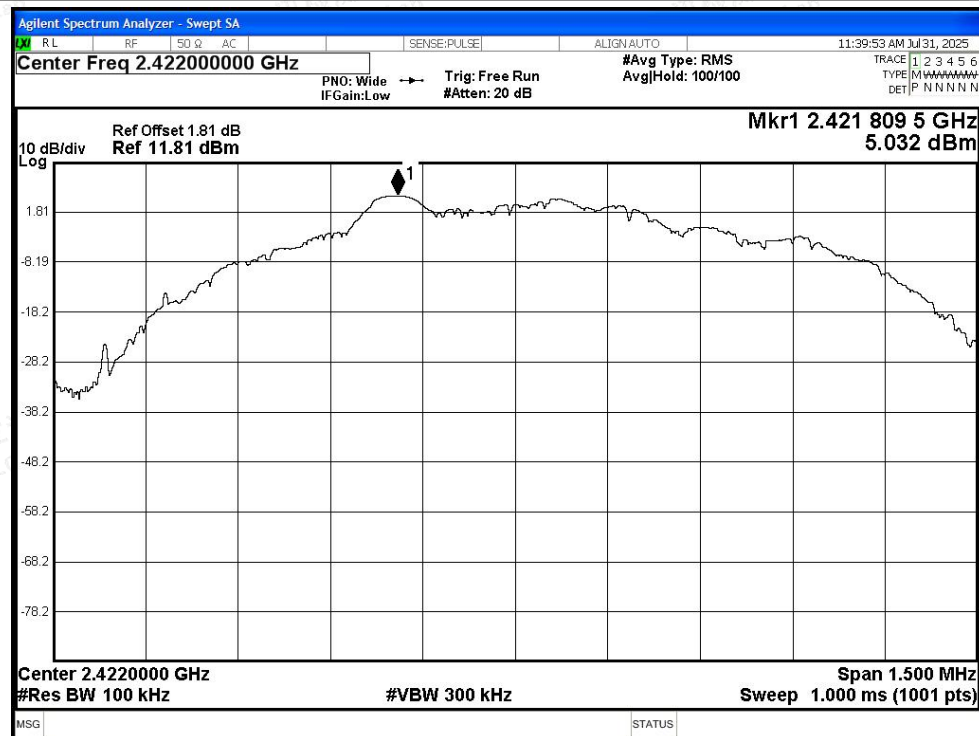
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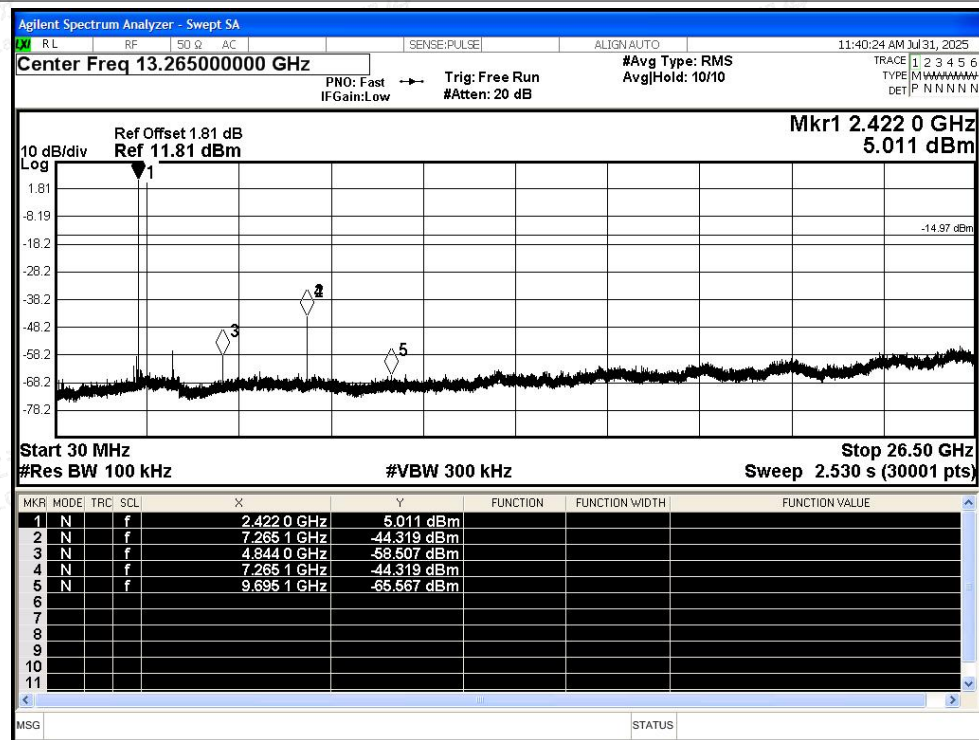


Test Graphs

Tx. Spurious NVNT 2.4G 2422MHz Ant1 Ref



Tx. Spurious NVNT 2.4G 2422MHz Ant1 Emission



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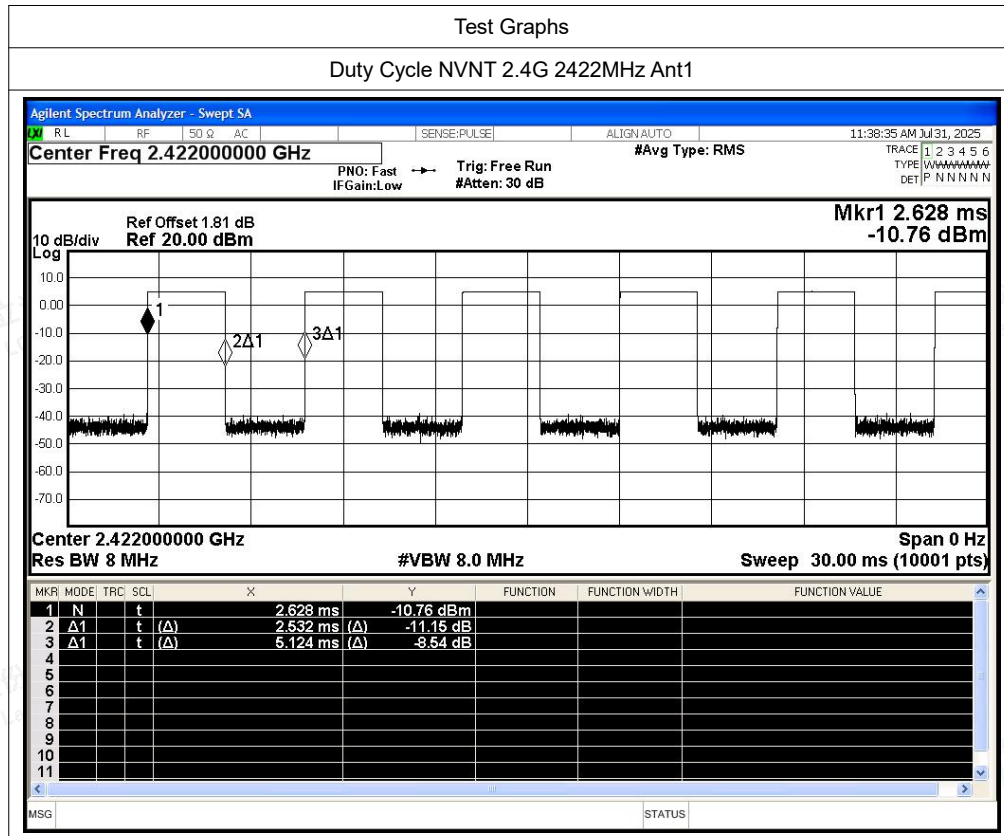
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A.6 Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	2.4G	2422	Ant1	49.41	3.06	0.39



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A.7 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	2.4G	2422	Ant1	2310	-51.27	2	-	45.99	Peak	74	Pass
NVNT	2.4G	2422	Ant1	2310	-58.63	2	3.06	41.69	Average	54	Pass
NVNT	2.4G	2422	Ant1	2374.496	-47.25	2	-	50.01	Peak	74	Pass
NVNT	2.4G	2422	Ant1	2374.264	-57.62	2	3.06	42.7	Average	54	Pass
NVNT	2.4G	2422	Ant1	2390	-50.49	2	-	46.77	Peak	74	Pass
NVNT	2.4G	2422	Ant1	2390	-57.89	2	3.06	42.43	Average	54	Pass
NVNT	2.4G	2422	Ant1	2483.5	-49.07	2	-	48.19	Peak	74	Pass
NVNT	2.4G	2422	Ant1	2483.5	-58.42	2	3.06	41.9	Average	54	Pass
NVNT	2.4G	2422	Ant1	2489.422	-47.26	2	-	50	Peak	74	Pass
NVNT	2.4G	2422	Ant1	2498.196	-57.92	2	3.06	42.4	Average	54	Pass
NVNT	2.4G	2422	Ant1	2500	-50.41	2	-	46.85	Peak	74	Pass
NVNT	2.4G	2422	Ant1	2500	-58.23	2	3.06	42.09	Average	54	Pass



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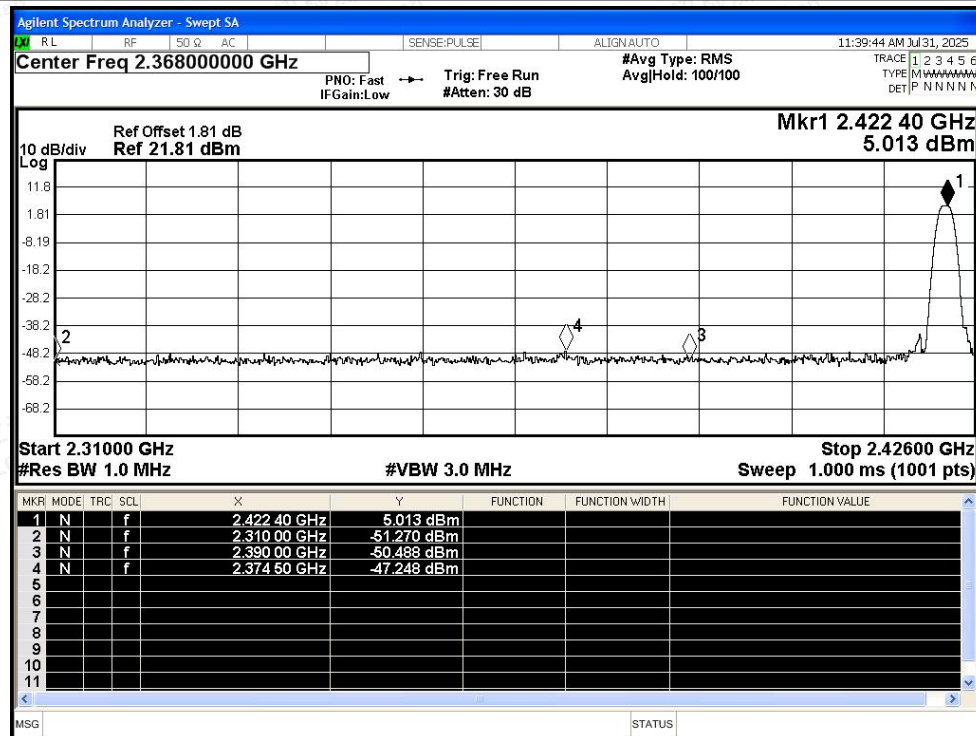
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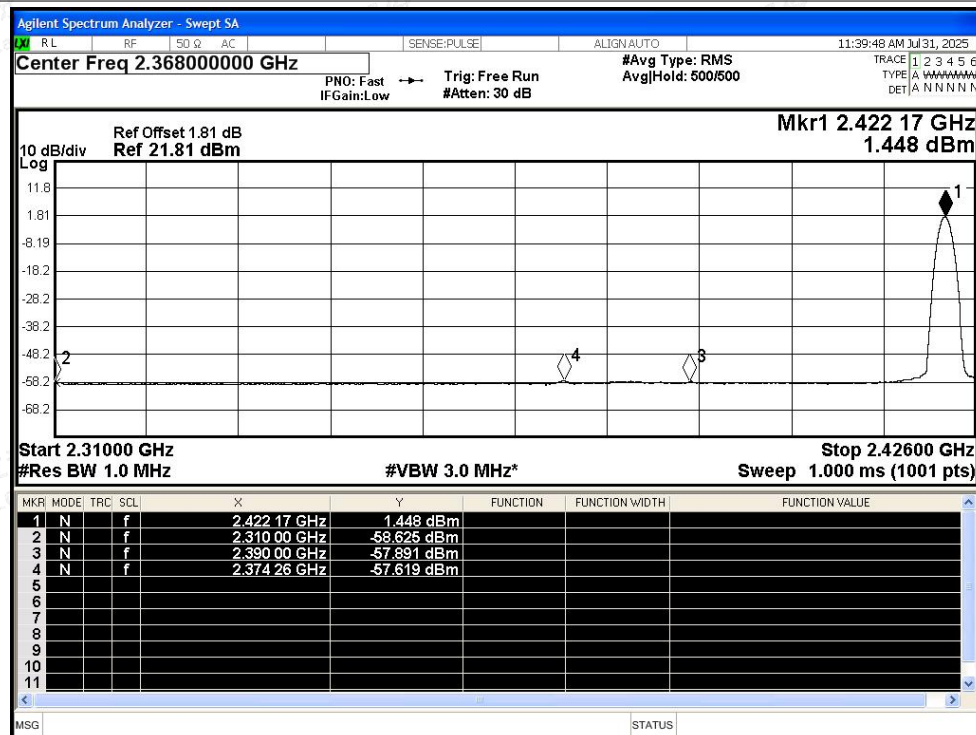


Test Graphs

Restrict Band NVNT 2.4G 2422MHz Ant1 Peak



Restrict Band NVNT 2.4G 2422MHz Ant1 Average



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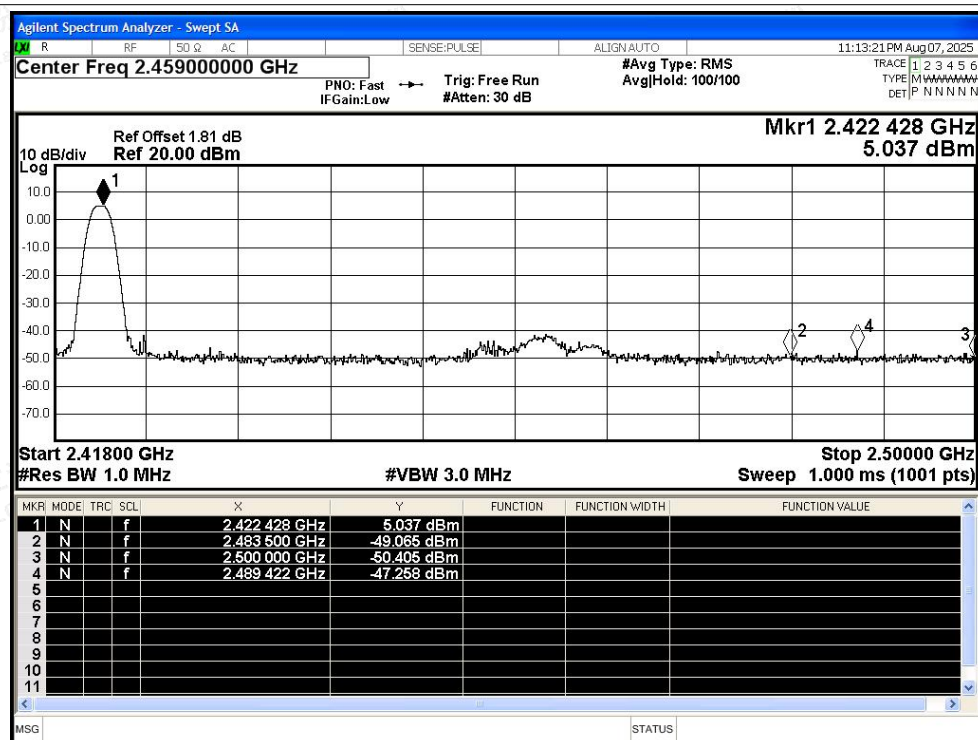
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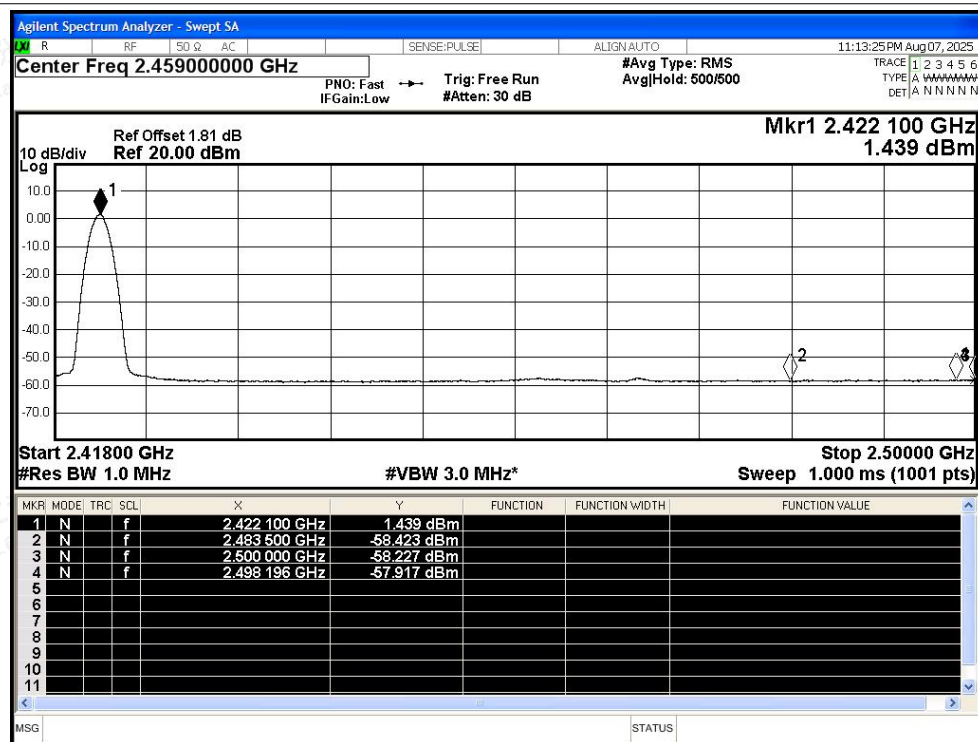
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Restrict Band NVNT 2.4G 2422MHz Ant1 Peak



Restrict Band NVNT 2.4G 2422MHz Ant1 Average



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