

Test data attachment B

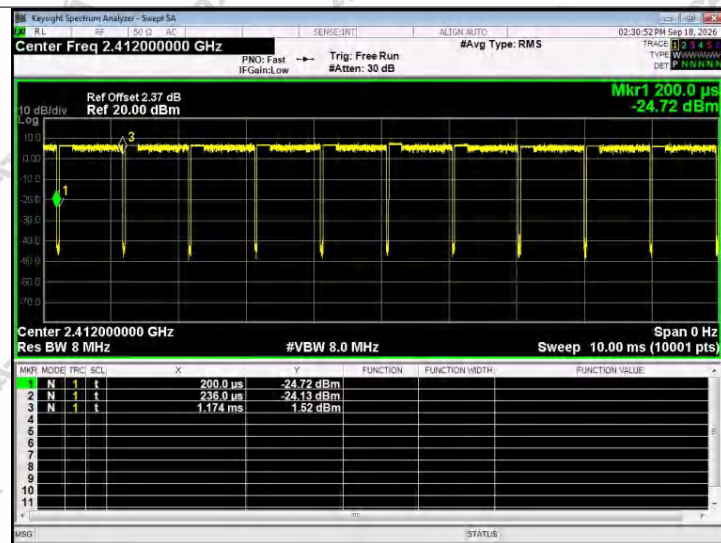
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b SISO	2412	Ant1	96.3	0.16	1.07
NVNT	b SISO	2437	Ant1	96.21	0.17	1.07
NVNT	b SISO	2462	Ant1	96.3	0.16	1.07
NVNT	g SISO	2412	Ant1	79.86	0.98	5.68
NVNT	g SISO	2437	Ant1	79.86	0.98	5.68
NVNT	g SISO	2462	Ant1	79.89	0.98	5.67
NVNT	n20 SISO	2412	Ant1	78.71	1.04	6.09
NVNT	n20 SISO	2437	Ant1	78.74	1.04	6.08
NVNT	n20 SISO	2462	Ant1	78.59	1.05	6.09
NVNT	n40 SISO	2422	Ant1	69.44	1.58	10
NVNT	n40 SISO	2437	Ant1	69.39	1.59	9.98
NVNT	n40 SISO	2452	Ant1	69.58	1.57	9.98

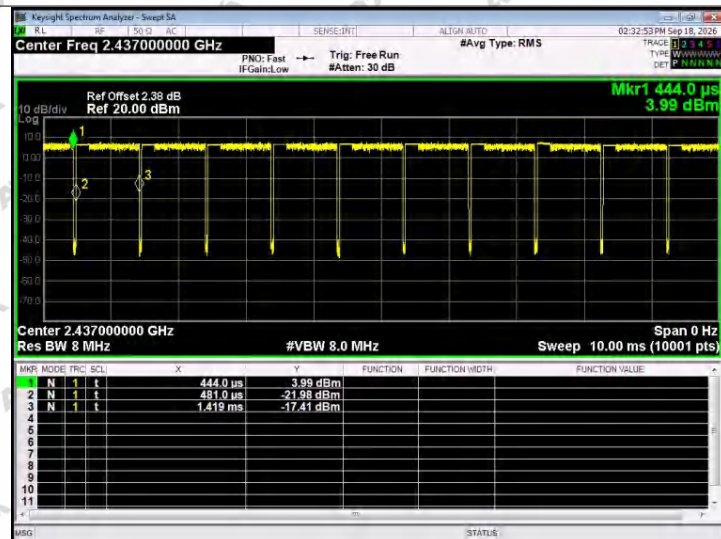


Test Graphs

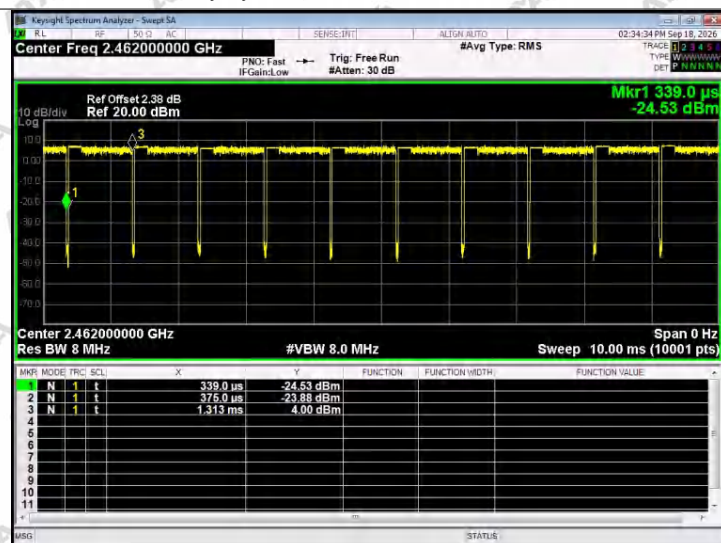
Duty Cycle NVNT b 2412MHz Ant1 SISO



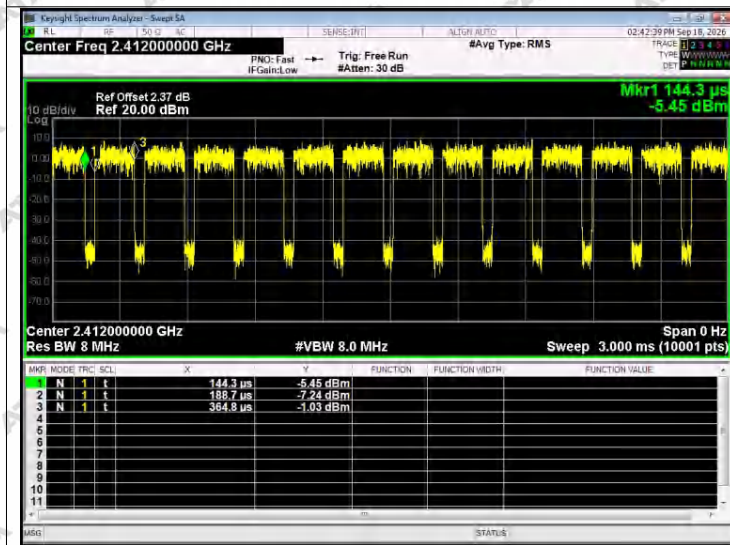
Duty Cycle NVNT b 2437MHz Ant1 SISO



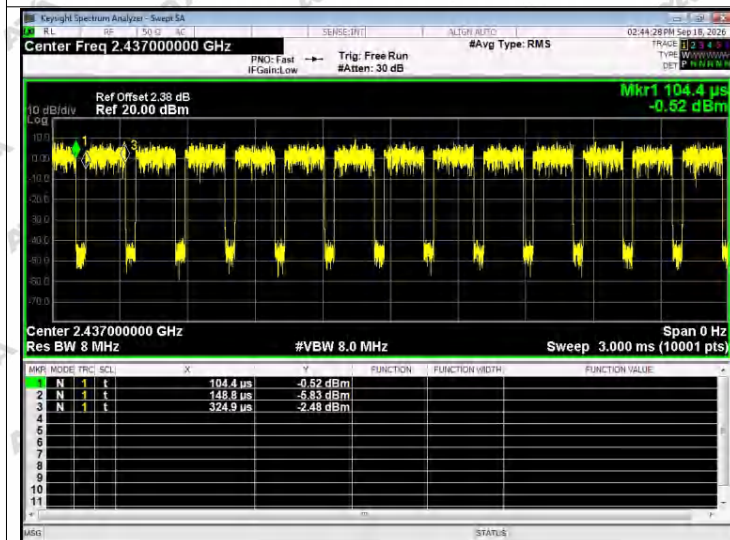
Duty Cycle NVNT b 2462MHz Ant1 SISO



Duty Cycle NVNT g 2412MHz Ant1 SISO



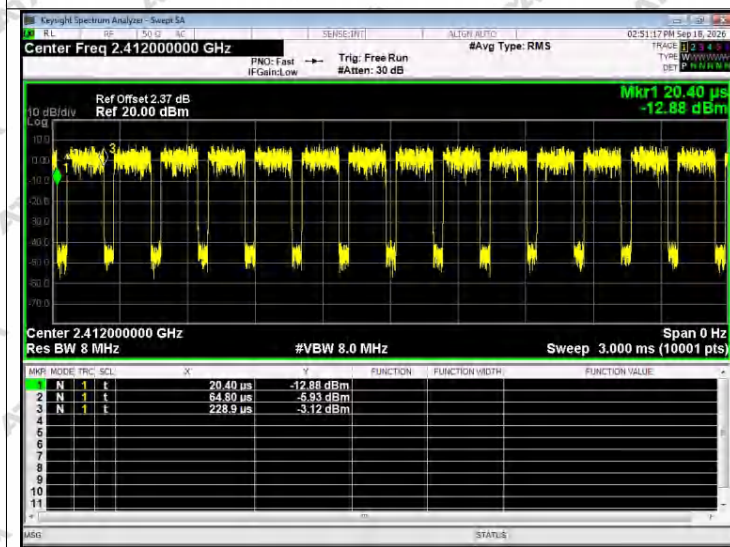
Duty Cycle NVNT g 2437MHz Ant1 SISO



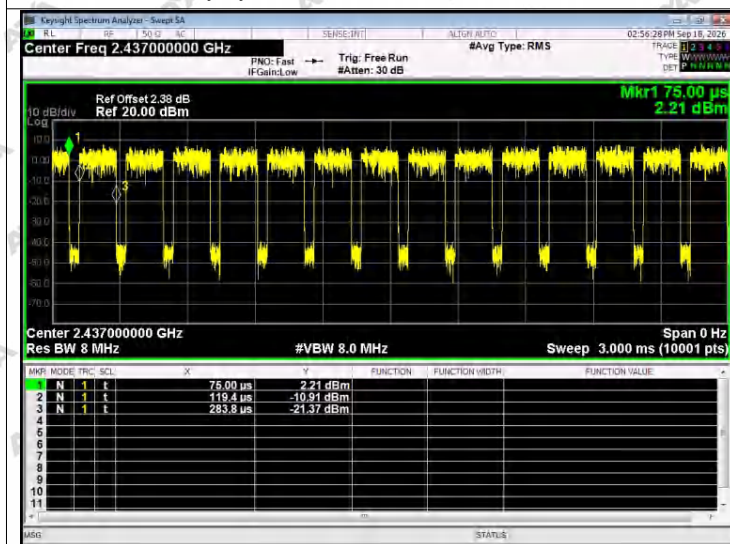
Duty Cycle NVNT g 2462MHz Ant1 SISO



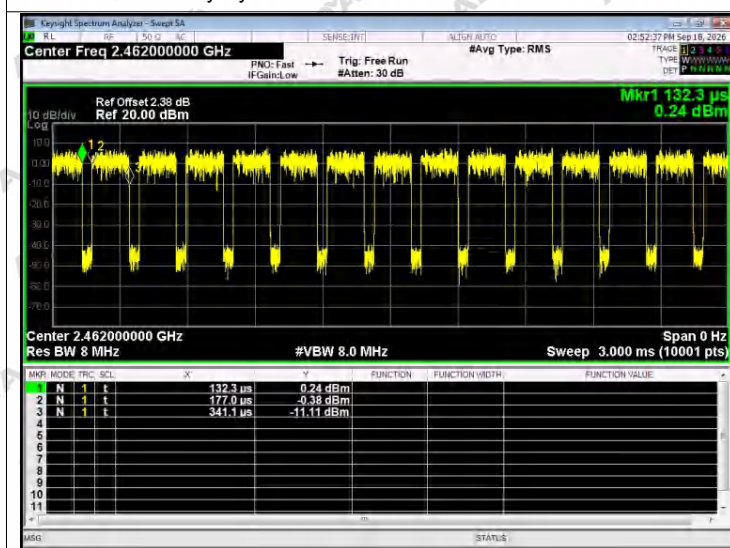
Duty Cycle NVNT n20 2412MHz Ant1 SISO



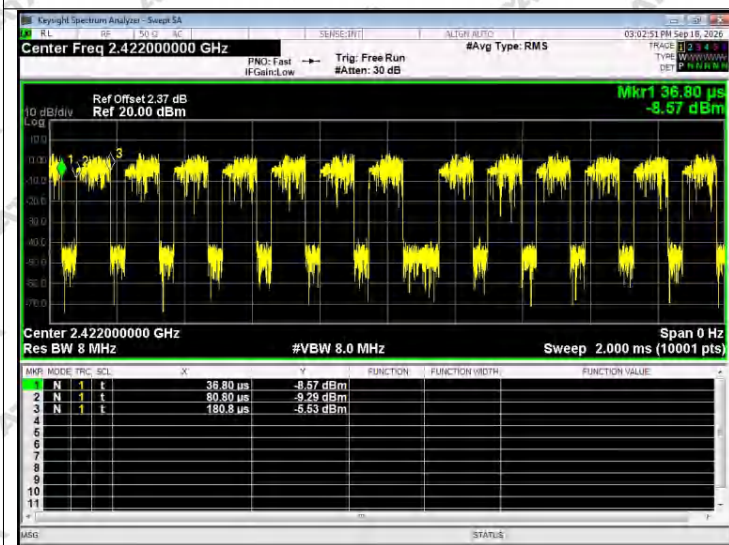
Duty Cycle NVNT n20 2437MHz Ant1 SISO



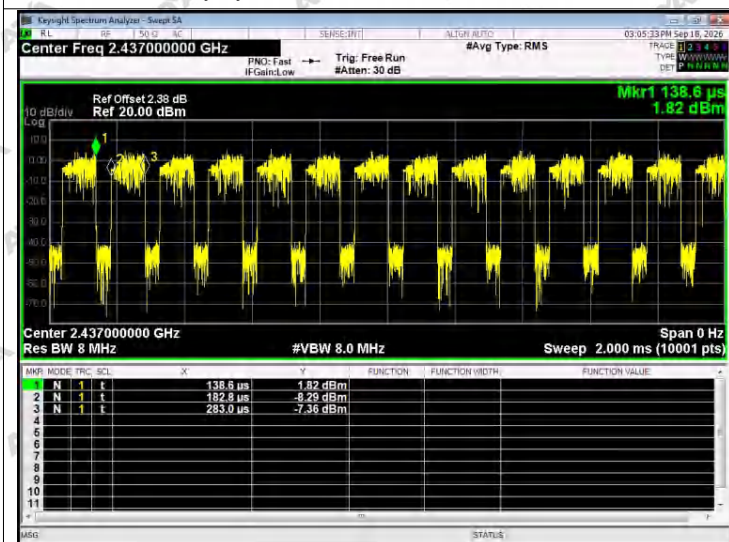
Duty Cycle NVNT n20 2462MHz Ant1 SISO



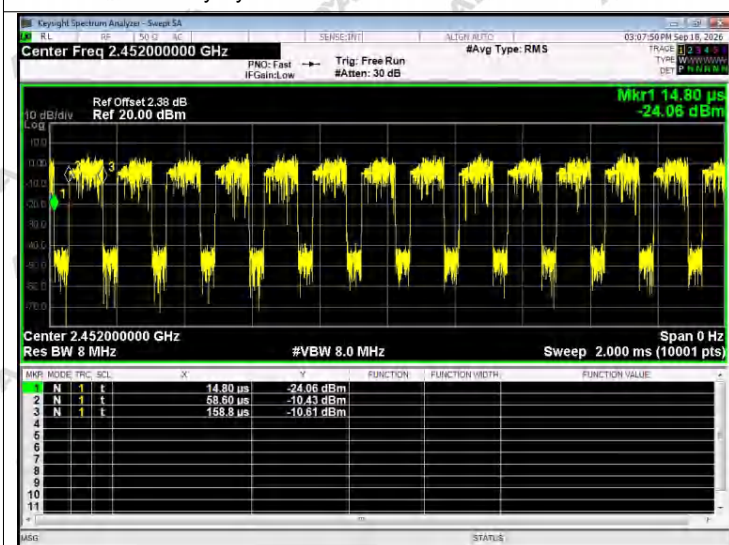
Duty Cycle NVNT n40 2422MHz Ant1 SISO



Duty Cycle NVNT n40 2437MHz Ant1 SISO



Duty Cycle NVNT n40 2452MHz Ant1 SISO

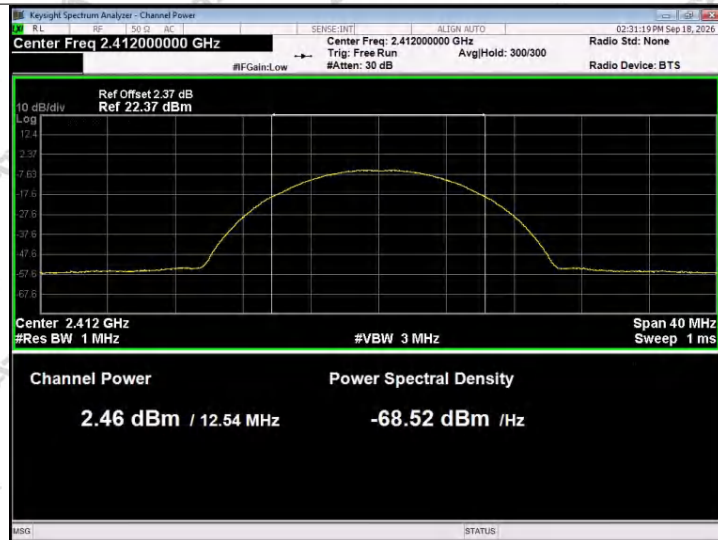


Maximum Average Conducted Output Power

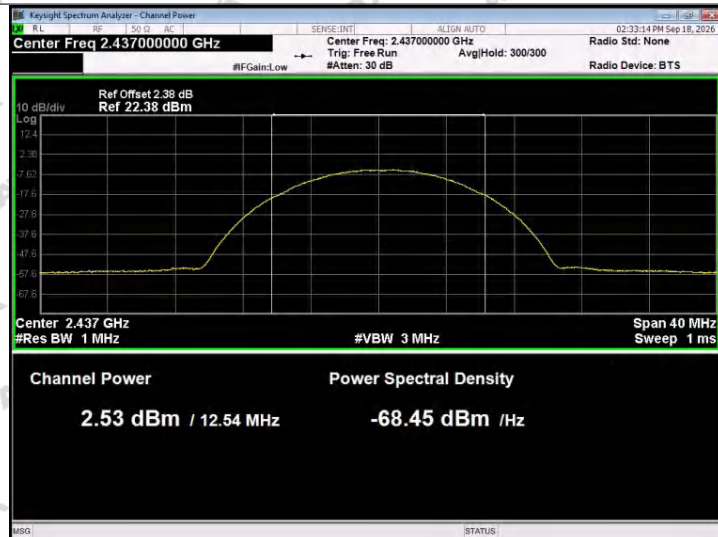
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	b SISO	2412	Ant1	2.46	0.16	2.62	0.00183	30	Pass
NVNT	b SISO	2437	Ant1	2.53	0.17	2.7	0.00186	30	Pass
NVNT	b SISO	2462	Ant1	2.37	0.16	2.53	0.00179	30	Pass
NVNT	g SISO	2412	Ant1	-0.02	0.98	0.96	0.00125	30	Pass
NVNT	g SISO	2437	Ant1	-0.07	0.98	0.91	0.00123	30	Pass
NVNT	g SISO	2462	Ant1	-0.09	0.98	0.89	0.00123	30	Pass
NVNT	n20 SISO	2412	Ant1	-0.12	1.04	0.92	0.00124	30	Pass
NVNT	n20 SISO	2437	Ant1	-0.08	1.04	0.96	0.00125	30	Pass
NVNT	n20 SISO	2462	Ant1	-0.1	1.05	0.95	0.00124	30	Pass
NVNT	n40 SISO	2422	Ant1	-1.15	1.58	0.43	0.0011	30	Pass
NVNT	n40 SISO	2437	Ant1	-0.96	1.59	0.63	0.00116	30	Pass
NVNT	n40 SISO	2452	Ant1	-1.02	1.57	0.55	0.00114	30	Pass

Test Graphs

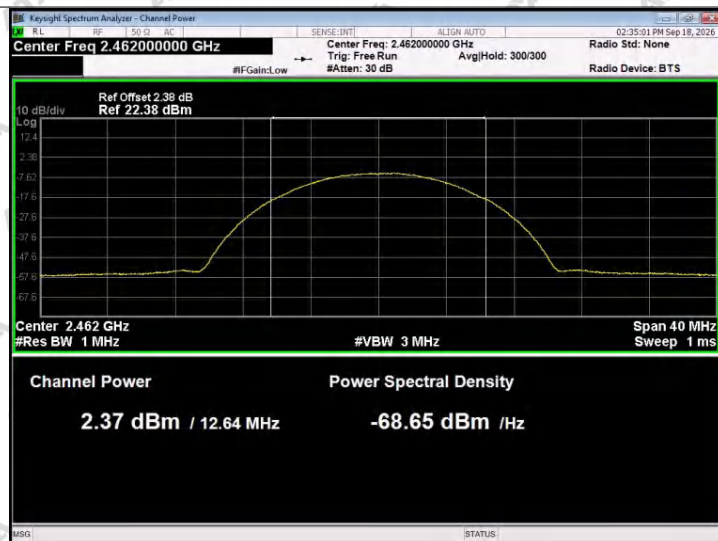
Average Power NVNT b 2412MHz Ant1 SISO



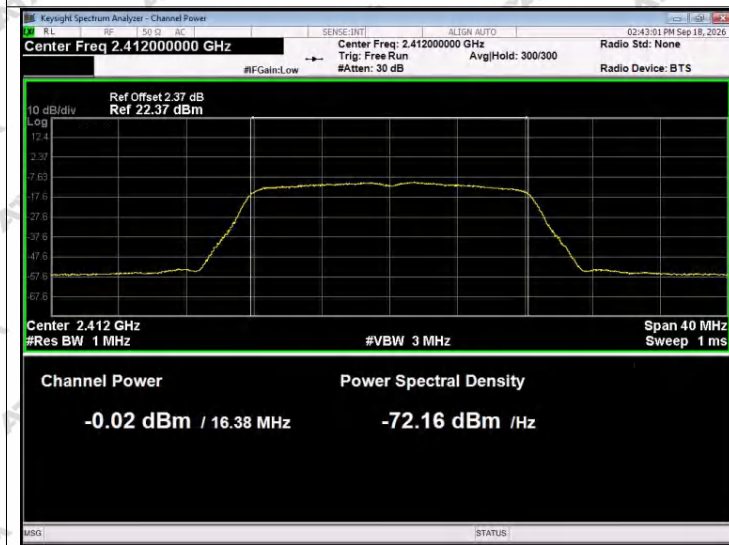
Average Power NVNT b 2437MHz Ant1 SISO



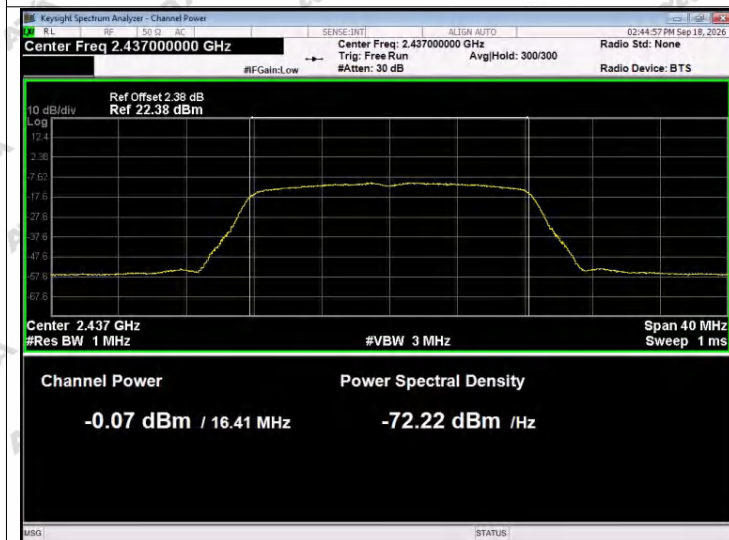
Average Power NVNT b 2462MHz Ant1 SISO



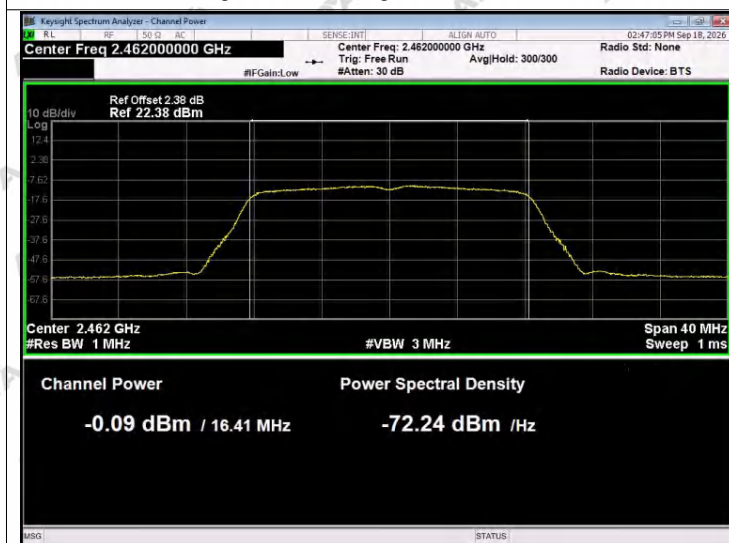
Average Power NVNT g 2412MHz Ant1 SISO



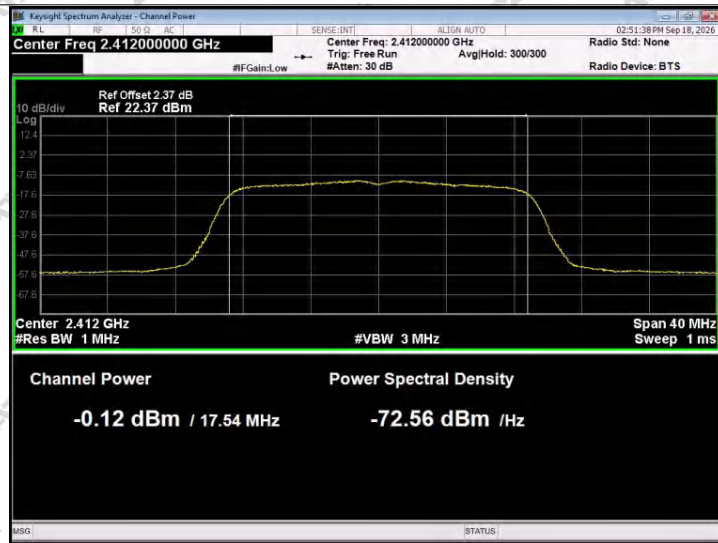
Average Power NVNT g 2437MHz Ant1 SISO



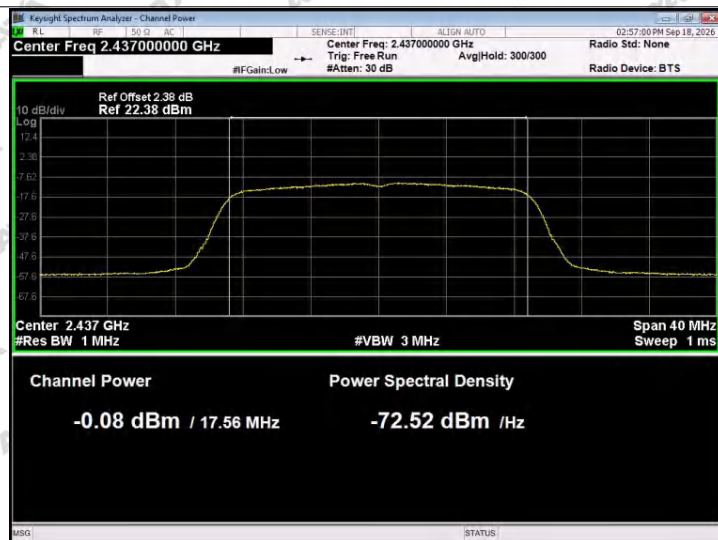
Average Power NVNT g 2462MHz Ant1 SISO



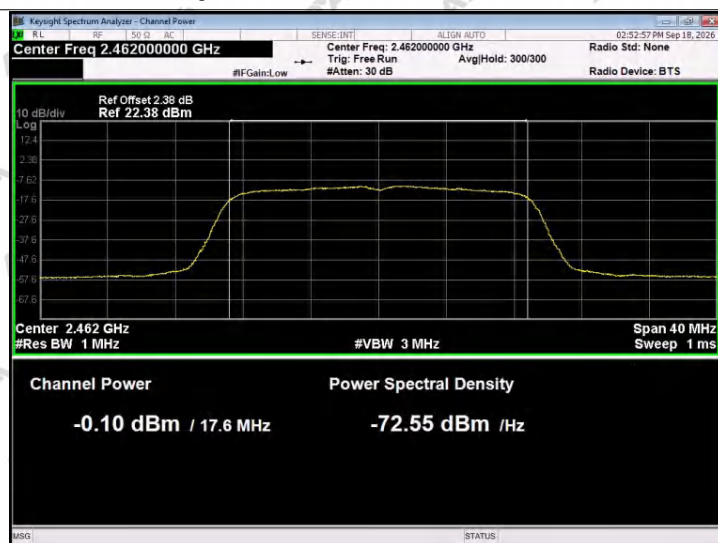
Average Power NVNT n20 2412MHz Ant1 SISO



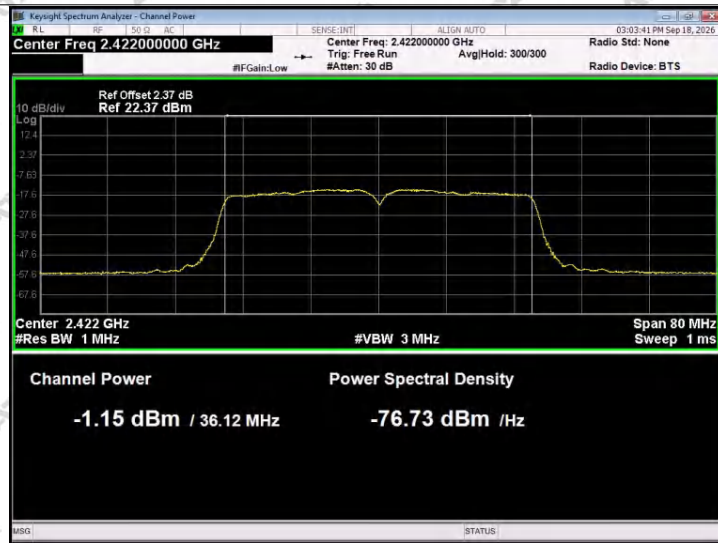
Average Power NVNT n20 2437MHz Ant1 SISO



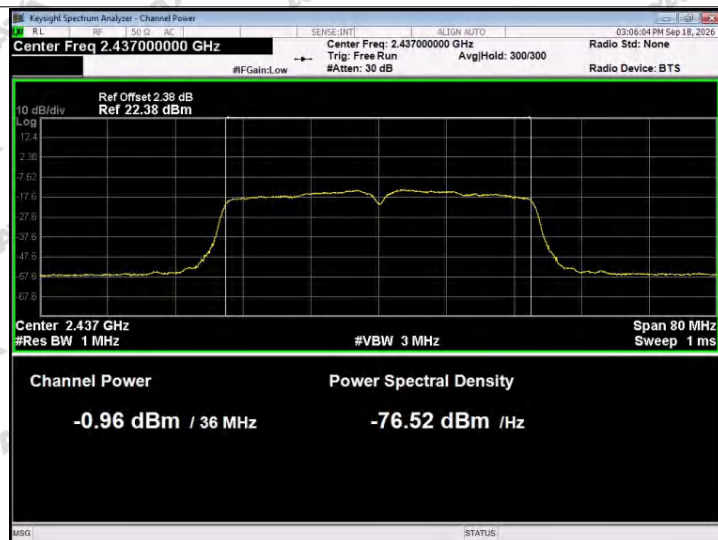
Average Power NVNT n20 2462MHz Ant1 SISO



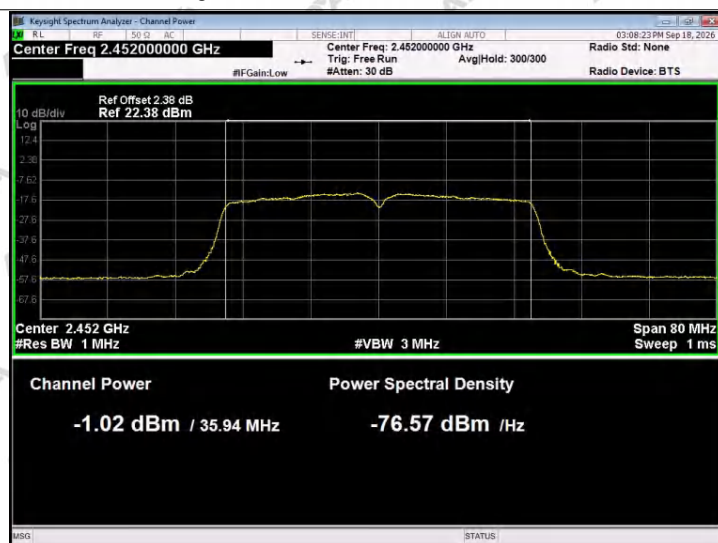
Average Power NVNT n40 2422MHz Ant1 SISO



Average Power NVNT n40 2437MHz Ant1 SISO



Average Power NVNT n40 2452MHz Ant1 SISO

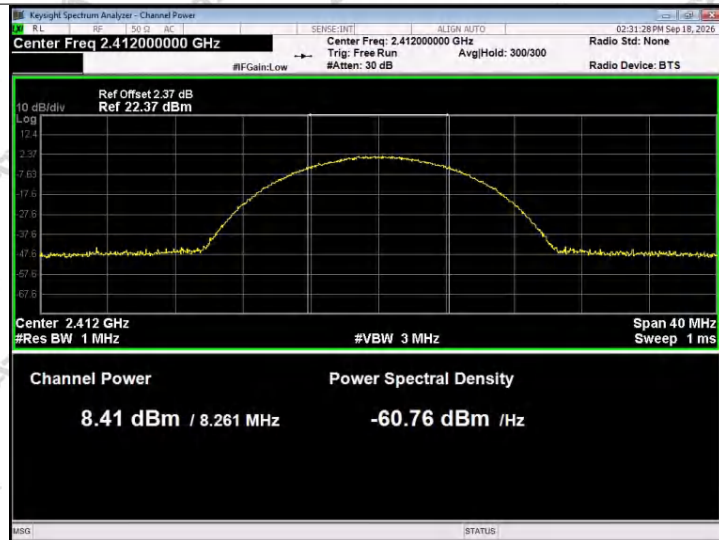


Maximum Peak Conducted Output Power

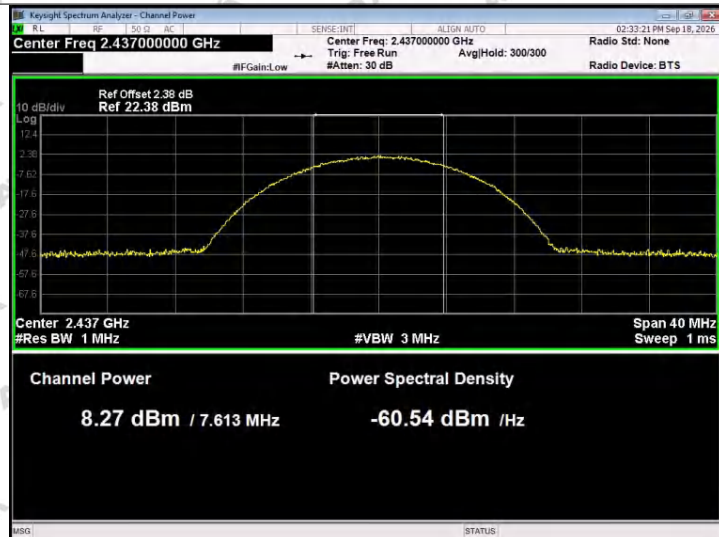
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	b SISO	2412	Ant1	8.41	0	8.41	0.00693	30	Pass
NVNT	b SISO	2437	Ant1	8.27	0	8.27	0.00671	30	Pass
NVNT	b SISO	2462	Ant1	8.3	0	8.3	0.00676	30	Pass
NVNT	g SISO	2412	Ant1	8.91	0	8.91	0.00778	30	Pass
NVNT	g SISO	2437	Ant1	8.6	0	8.6	0.00724	30	Pass
NVNT	g SISO	2462	Ant1	8.63	0	8.63	0.00729	30	Pass
NVNT	n20 SISO	2412	Ant1	8.7	0	8.7	0.00741	30	Pass
NVNT	n20 SISO	2437	Ant1	8.58	0	8.58	0.00721	30	Pass
NVNT	n20 SISO	2462	Ant1	8.72	0	8.72	0.00745	30	Pass
NVNT	n40 SISO	2422	Ant1	8.24	0	8.24	0.00667	30	Pass
NVNT	n40 SISO	2437	Ant1	8.5	0	8.5	0.00708	30	Pass
NVNT	n40 SISO	2452	Ant1	8.54	0	8.54	0.00714	30	Pass

Test Graphs

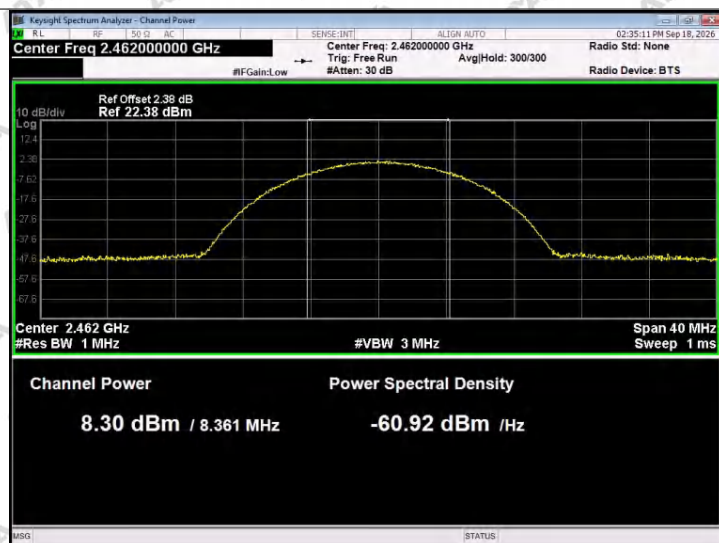
Peak Power NVNT b 2412MHz Ant1 SISO



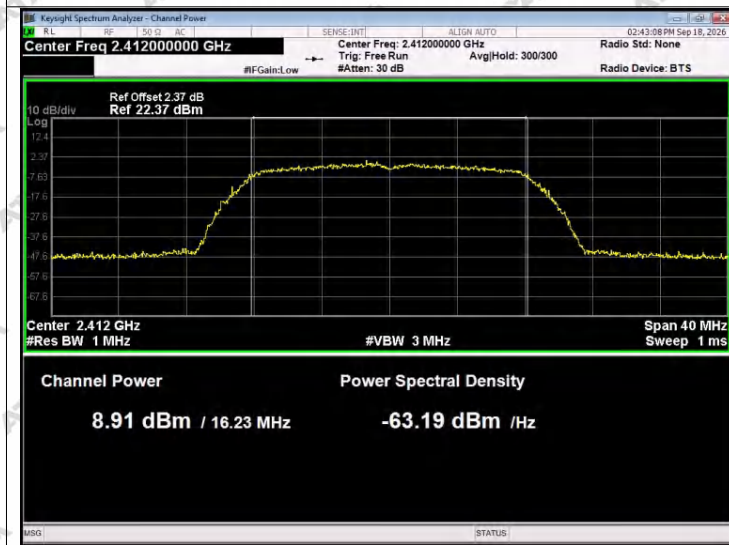
Peak Power NVNT b 2437MHz Ant1 SISO



Peak Power NVNT b 2462MHz Ant1 SISO



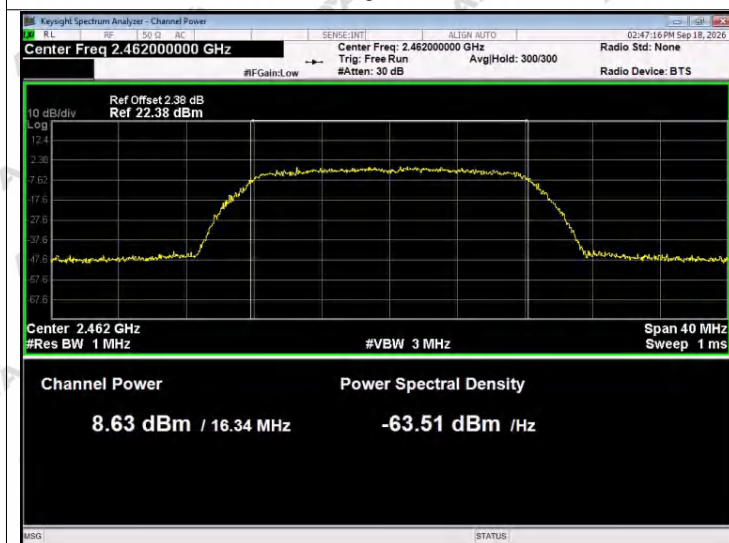
Peak Power NVNT g 2412MHz Ant1 SISO



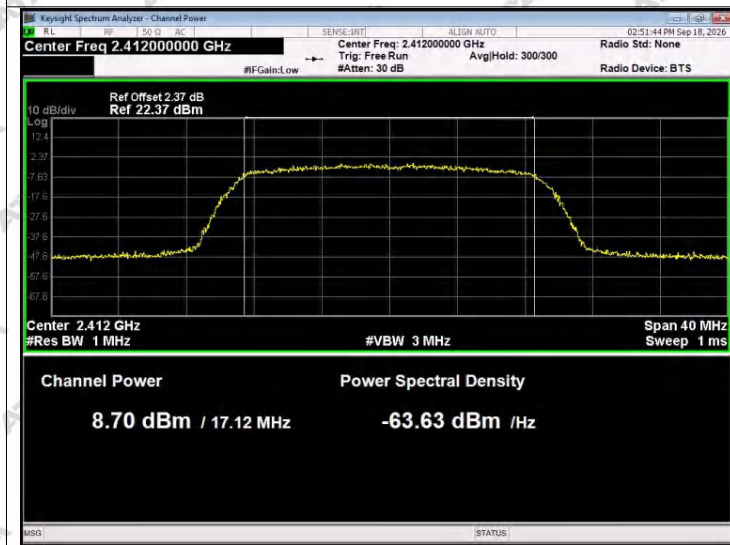
Peak Power NVNT g 2437MHz Ant1 SISO



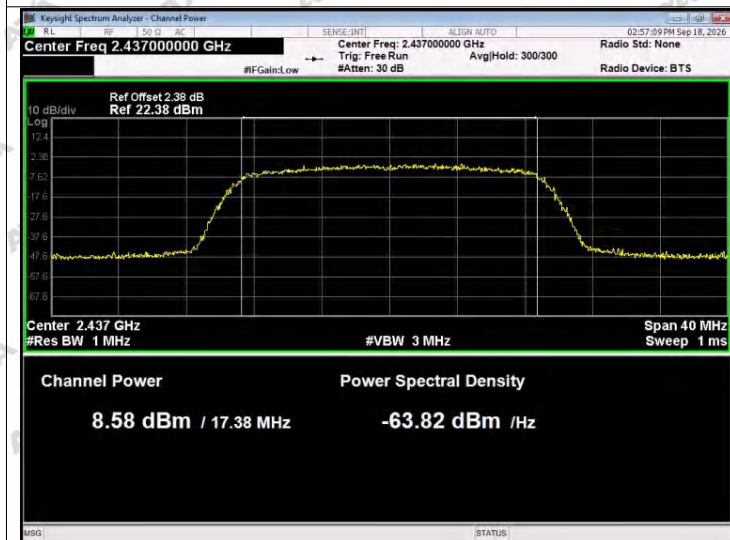
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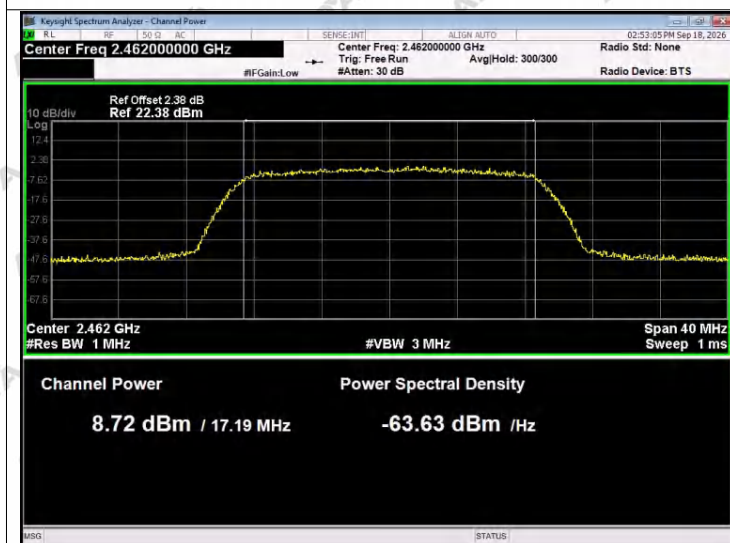
Peak Power NVNT n20 2412MHz Ant1 SISO



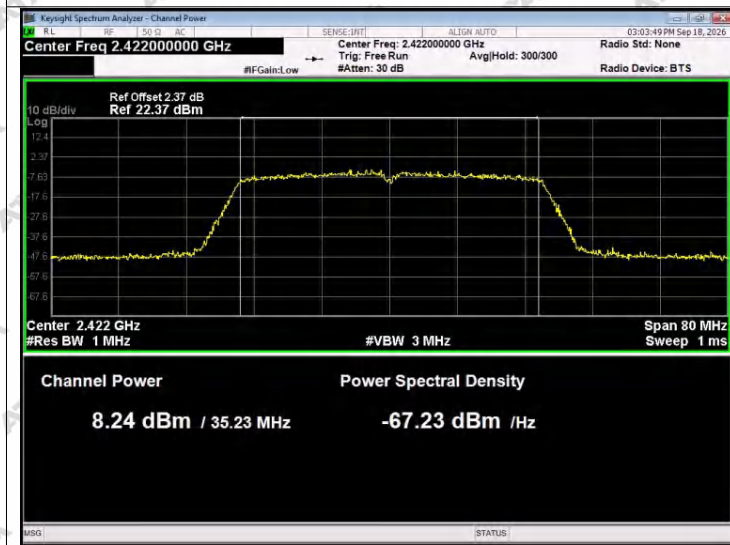
Peak Power NVNT n20 2437MHz Ant1 SISO



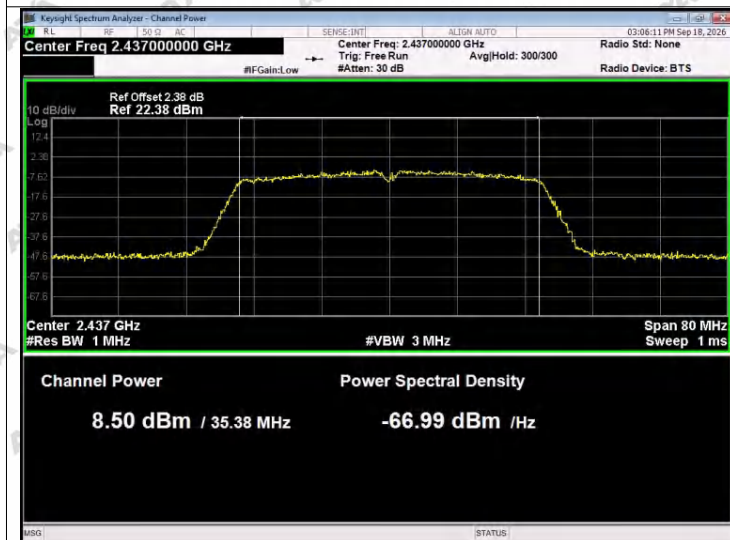
Peak Power NVNT n20 2462MHz Ant1 SISO



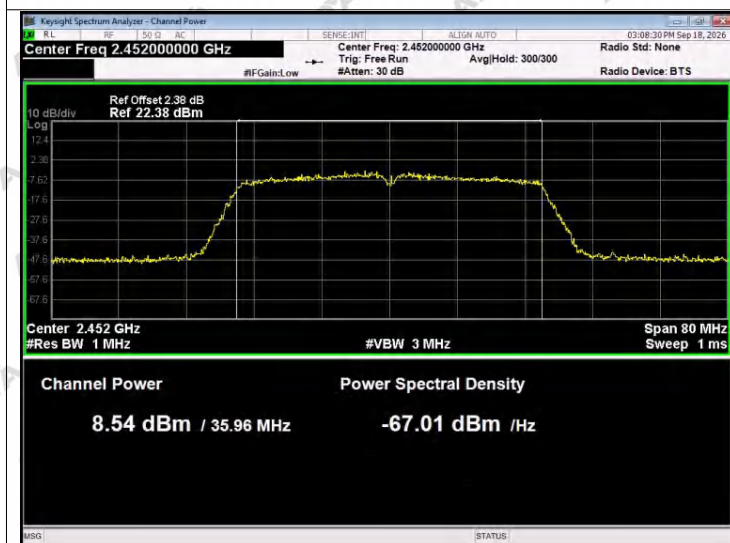
Peak Power NVNT n40 2422MHz Ant1 SISO



Peak Power NVNT n40 2437MHz Ant1 SISO



Peak Power NVNT n40 2452MHz Ant1 SISO



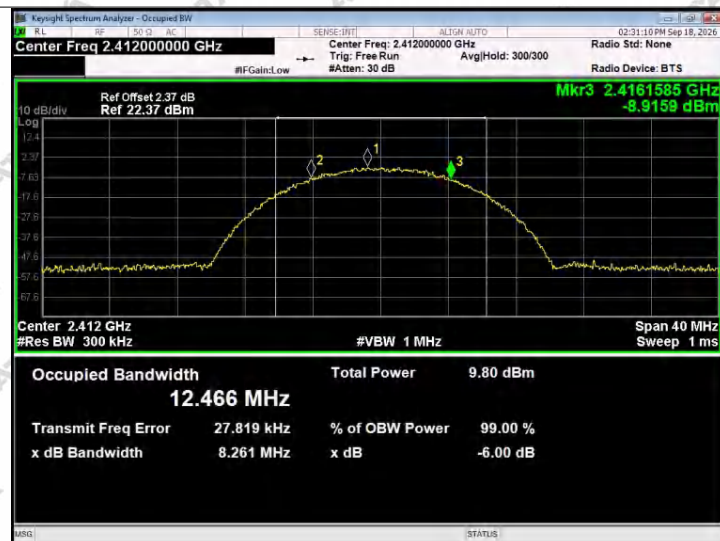
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b SISO	2412	Ant1	8.261	0.5	Pass
NVNT	b SISO	2437	Ant1	7.613	0.5	Pass
NVNT	b SISO	2462	Ant1	8.361	0.5	Pass
NVNT	g SISO	2412	Ant1	16.23	0.5	Pass
NVNT	g SISO	2437	Ant1	15.84	0.5	Pass
NVNT	g SISO	2462	Ant1	16.34	0.5	Pass
NVNT	n20 SISO	2412	Ant1	17.12	0.5	Pass
NVNT	n20 SISO	2437	Ant1	17.38	0.5	Pass
NVNT	n20 SISO	2462	Ant1	17.19	0.5	Pass
NVNT	n40 SISO	2422	Ant1	35.23	0.5	Pass
NVNT	n40 SISO	2437	Ant1	35.38	0.5	Pass
NVNT	n40 SISO	2452	Ant1	35.96	0.5	Pass

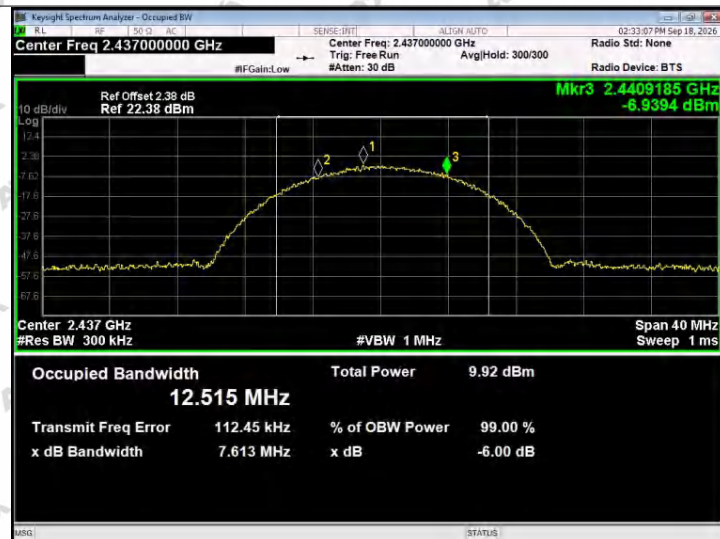


Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1 SISO



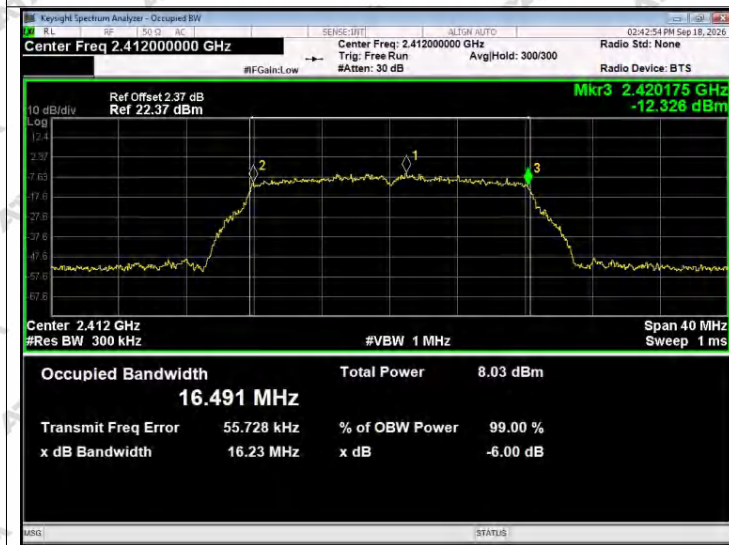
-6dB Bandwidth NVNT b 2437MHz Ant1 SISO



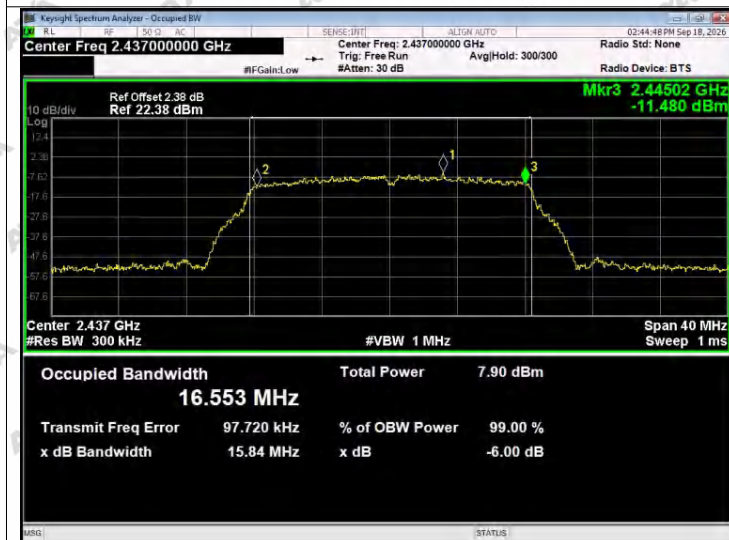
-6dB Bandwidth NVNT b 2462MHz Ant1 SISO



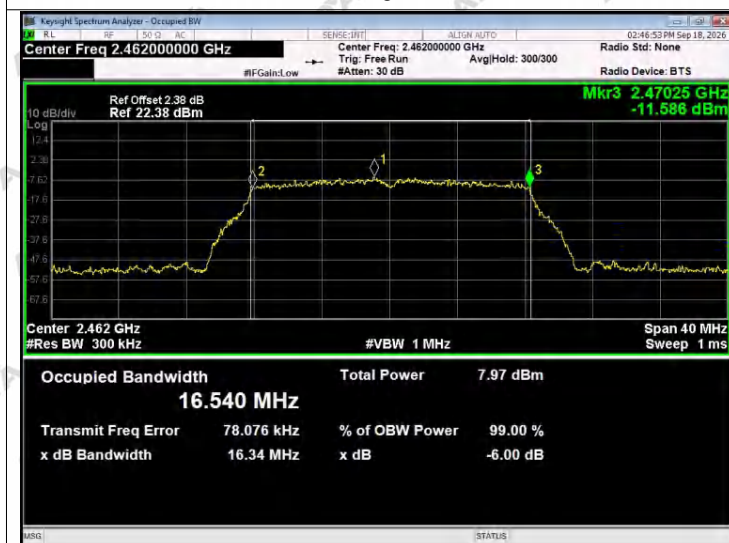
-6dB Bandwidth NVNT g 2412MHz Ant1 SISO



-6dB Bandwidth NVNT g 2437MHz Ant1 SISO



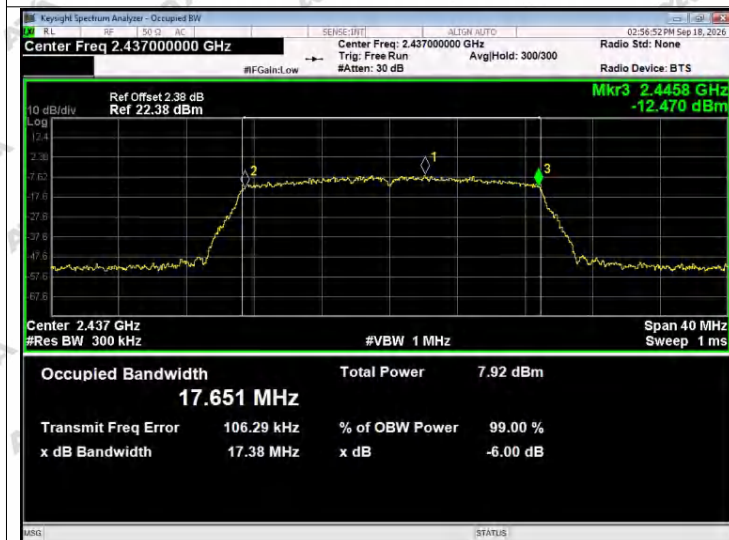
-6dB Bandwidth NVNT g 2462MHz Ant1 SISO



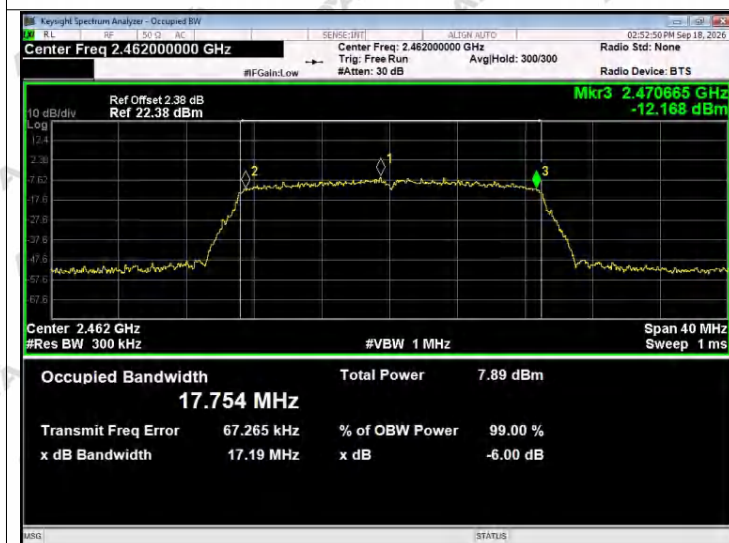
-6dB Bandwidth NVNT n20 2412MHz Ant1 SISO



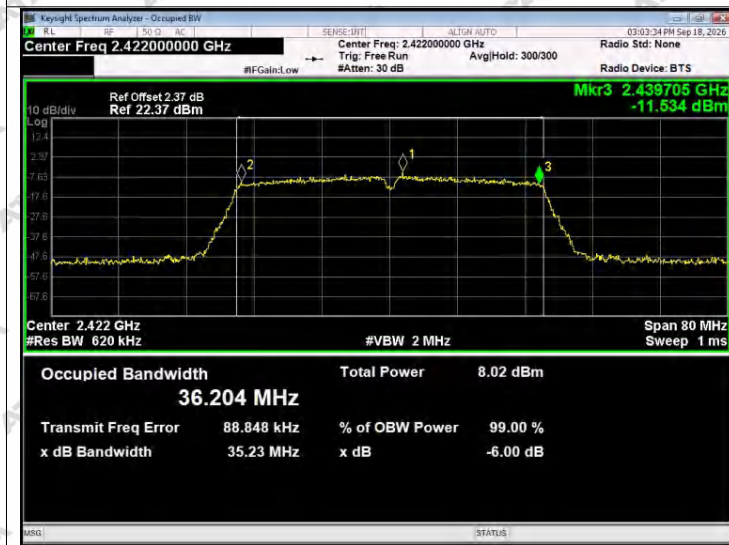
-6dB Bandwidth NVNT n20 2437MHz Ant1 SISO



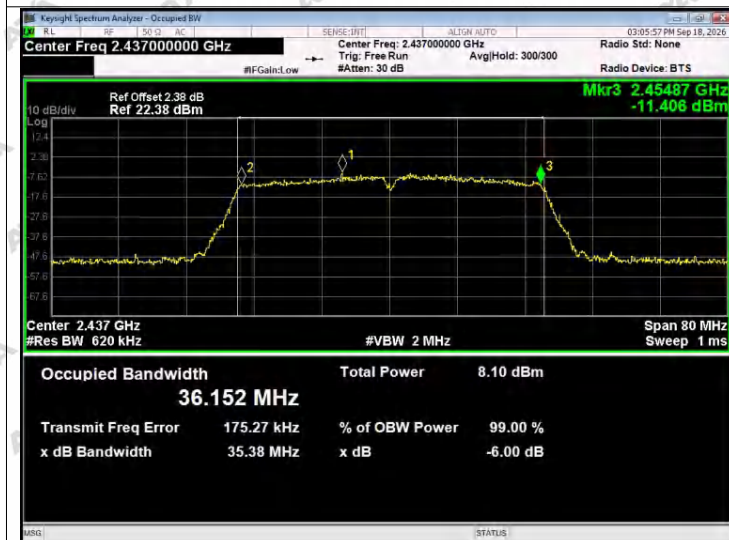
-6dB Bandwidth NVNT n20 2462MHz Ant1 SISO



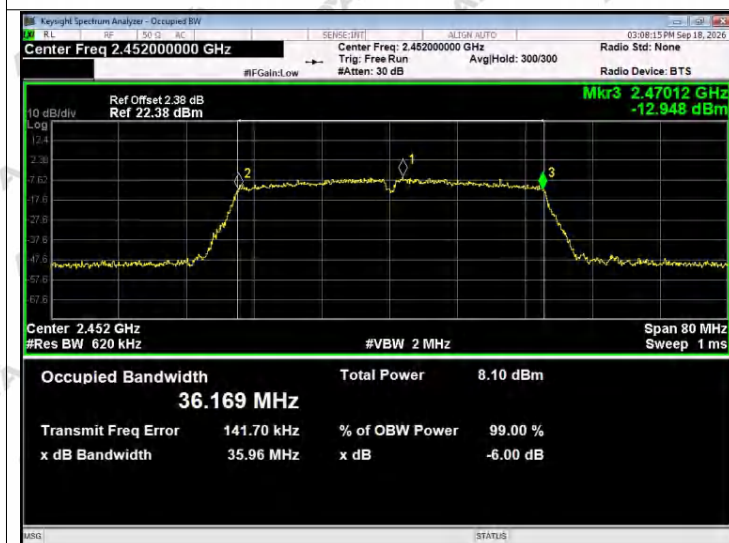
-6dB Bandwidth NVNT n40 2422MHz Ant1 SISO



-6dB Bandwidth NVNT n40 2437MHz Ant1 SISO



-6dB Bandwidth NVNT n40 2452MHz Ant1 SISO



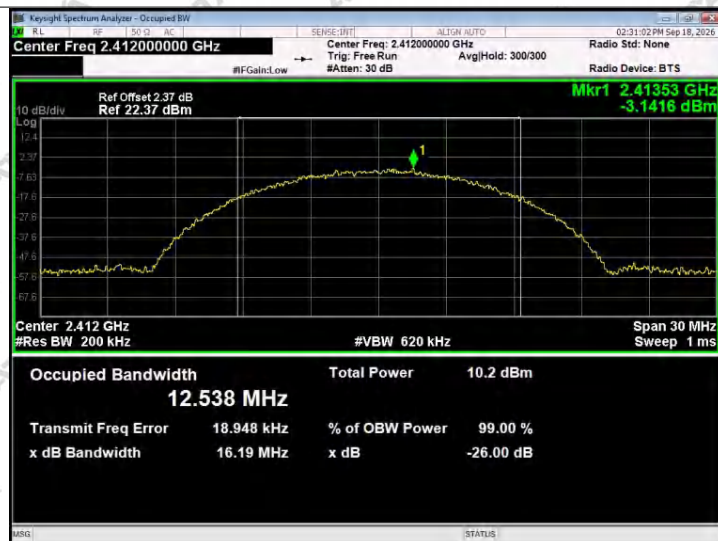
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b SISO	2412	Ant1	12.538
NVNT	b SISO	2437	Ant1	12.535
NVNT	b SISO	2462	Ant1	12.64
NVNT	g SISO	2412	Ant1	16.382
NVNT	g SISO	2437	Ant1	16.414
NVNT	g SISO	2462	Ant1	16.408
NVNT	n20 SISO	2412	Ant1	17.54
NVNT	n20 SISO	2437	Ant1	17.559
NVNT	n20 SISO	2462	Ant1	17.598
NVNT	n40 SISO	2422	Ant1	36.123
NVNT	n40 SISO	2437	Ant1	35.996
NVNT	n40 SISO	2452	Ant1	35.935

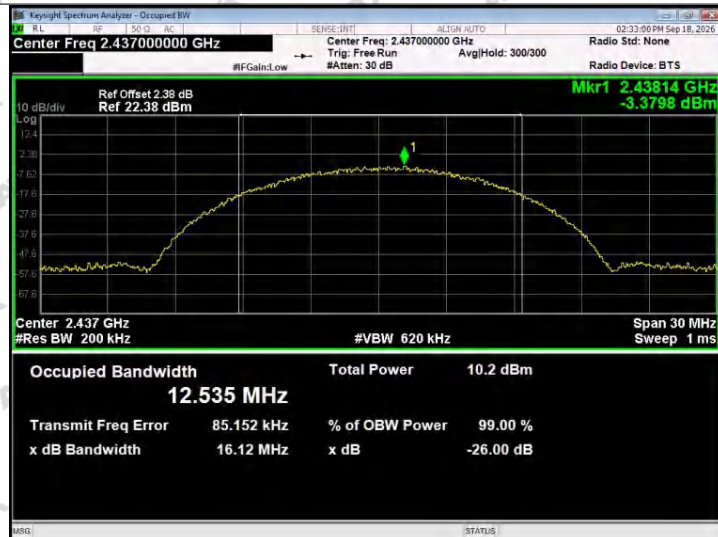


Test Graphs

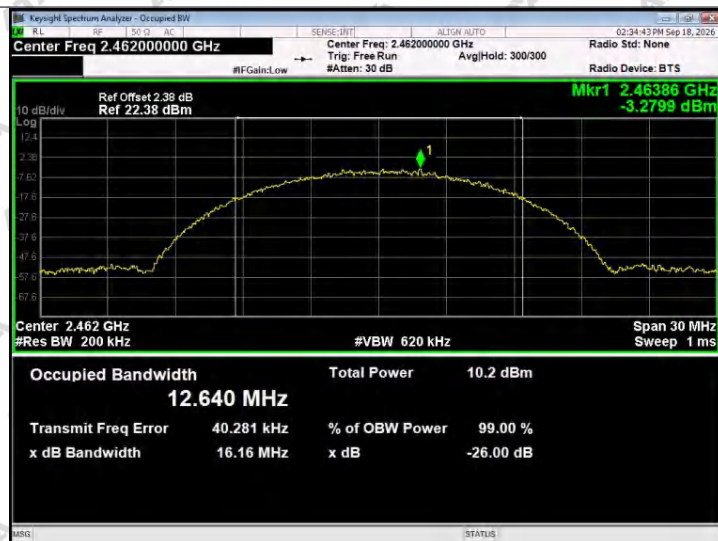
OBW NVNT b 2412MHz Ant1 SISO



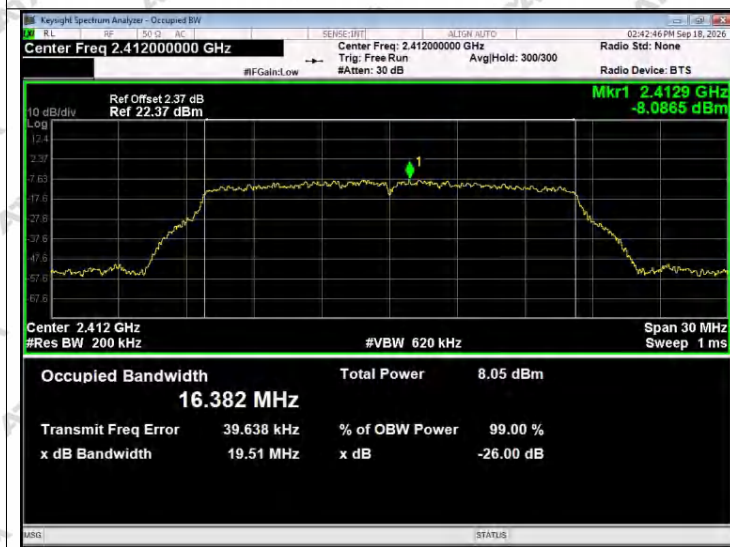
OBW NVNT b 2437MHz Ant1 SISO



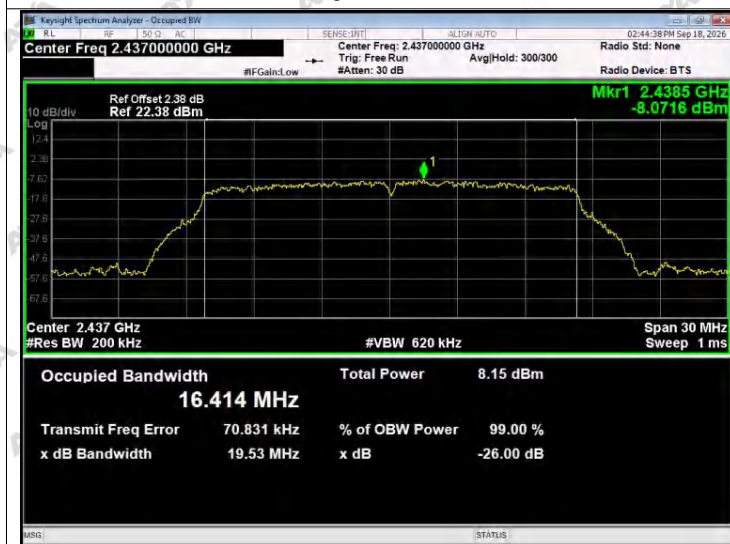
OBW NVNT b 2462MHz Ant1 SISO



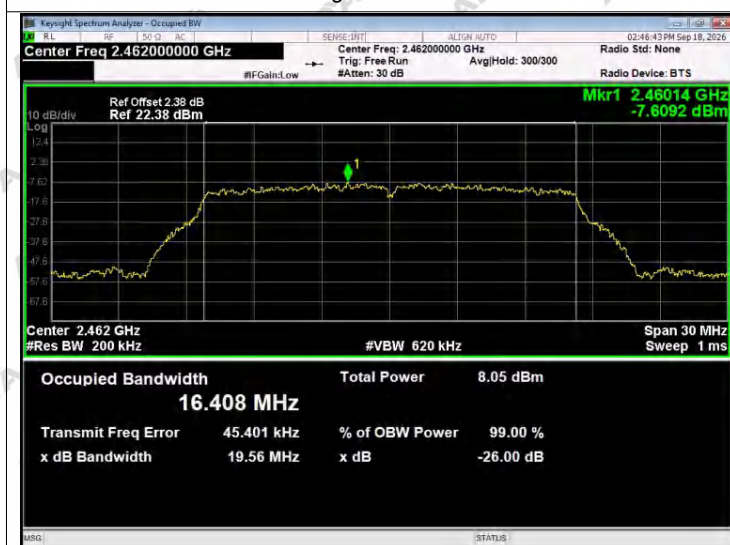
OBW NVNT g 2412MHz Ant1 SISO



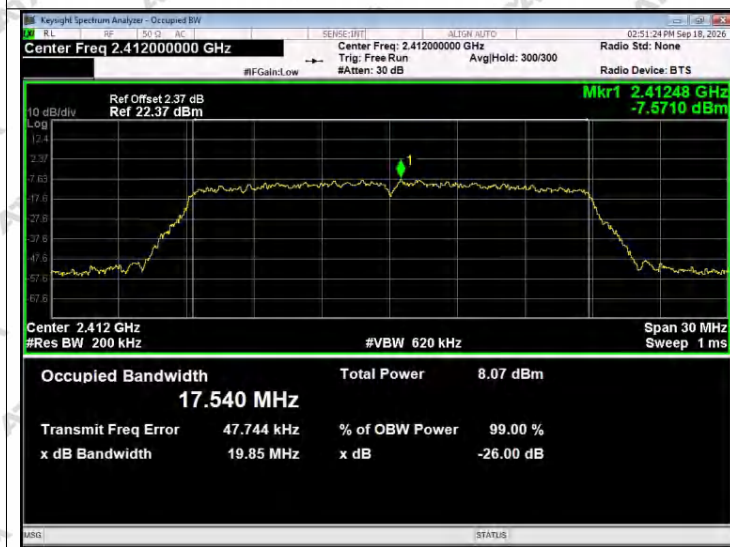
OBW NVNT g 2437MHz Ant1 SISO



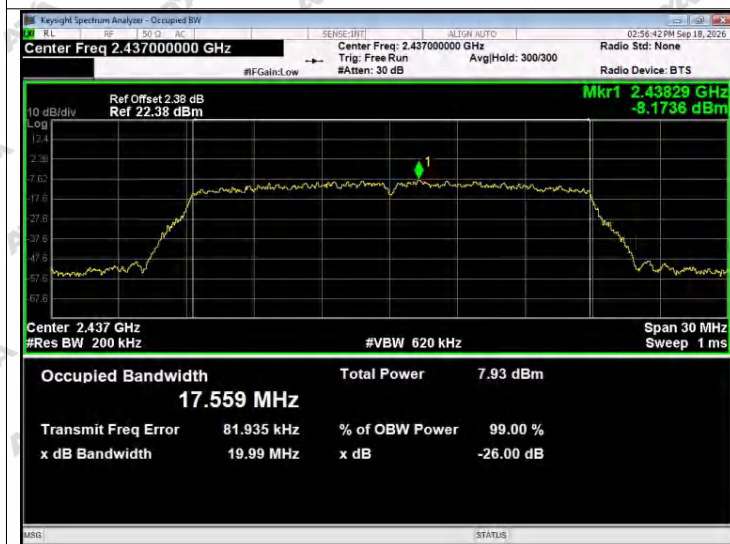
OBW NVNT g 2462MHz Ant1 SISO



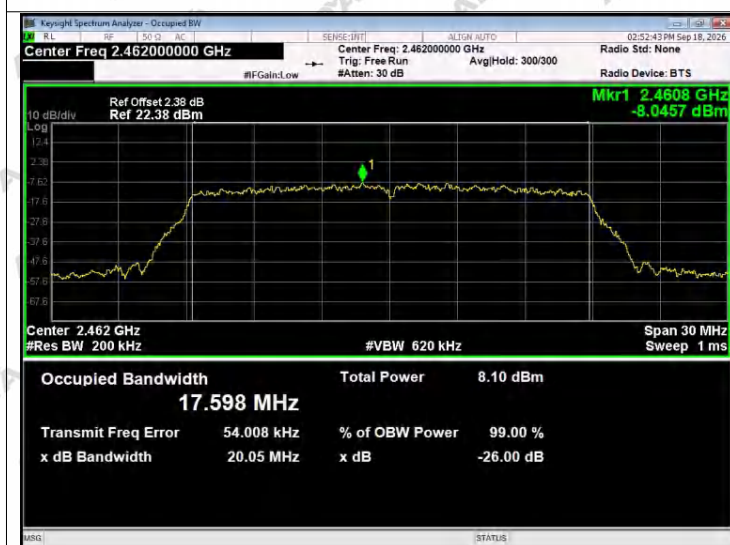
OBW NVNT n20 2412MHz Ant1 SISO



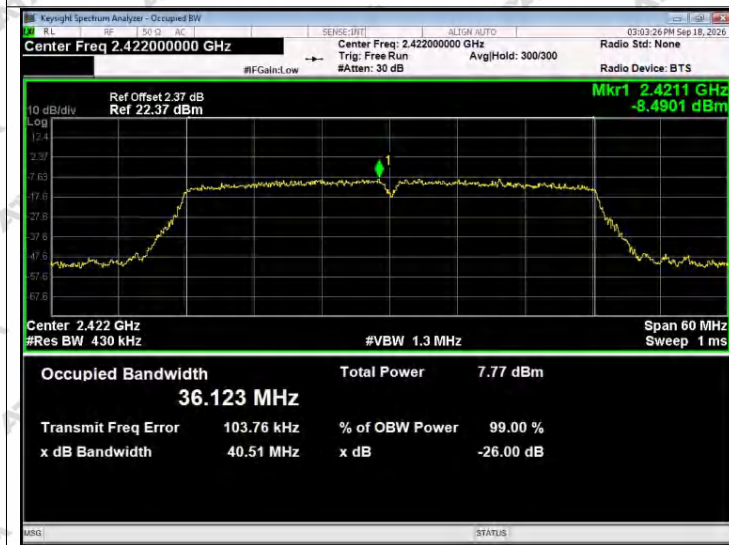
OBW NVNT n20 2437MHz Ant1 SISO



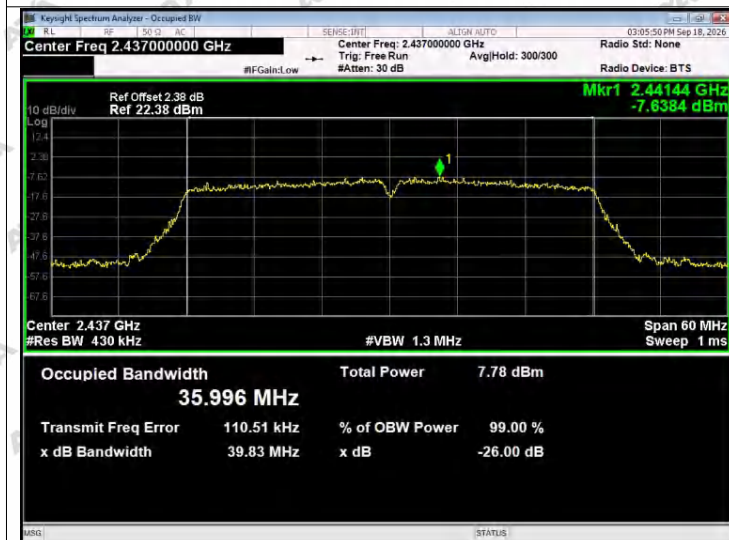
OBW NVNT n20 2462MHz Ant1 SISO



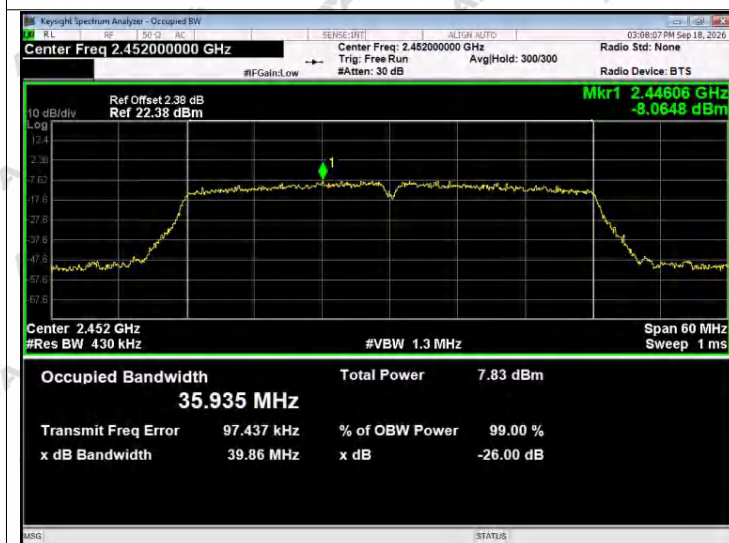
OBW NVNT n40 2422MHz Ant1 SISO



OBW NVNT n40 2437MHz Ant1 SISO



OBW NVNT n40 2452MHz Ant1 SISO

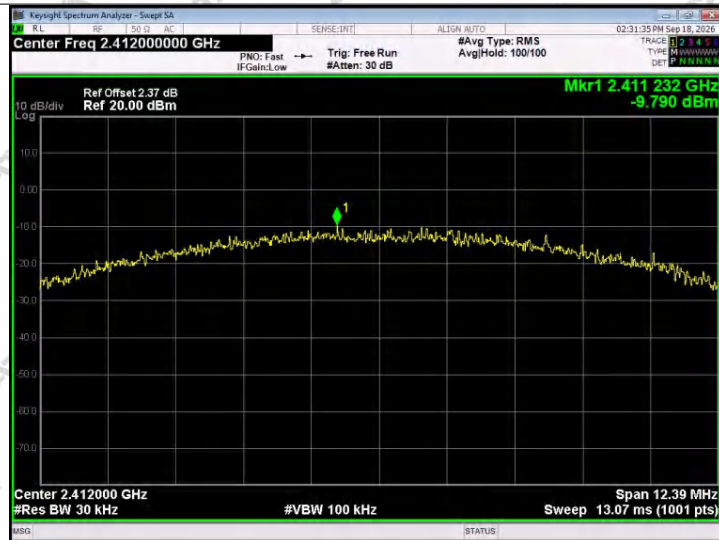


Maximum Power Spectral Density Level

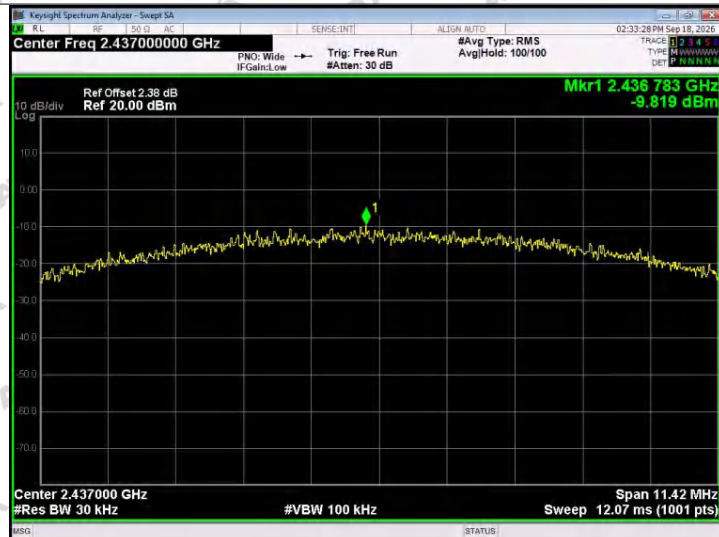
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b SISO	2412	Ant1	-19.79	-19.79	8	Pass
NVNT	b SISO	2437	Ant1	-19.82	-19.82	8	Pass
NVNT	b SISO	2462	Ant1	-20.14	-20.14	8	Pass
NVNT	g SISO	2412	Ant1	-23.96	-23.96	8	Pass
NVNT	g SISO	2437	Ant1	-23.81	-23.81	8	Pass
NVNT	g SISO	2462	Ant1	-23.7	-23.7	8	Pass
NVNT	n20 SISO	2412	Ant1	-23.65	-23.65	8	Pass
NVNT	n20 SISO	2437	Ant1	-23.79	-23.79	8	Pass
NVNT	n20 SISO	2462	Ant1	-23.9	-23.9	8	Pass
NVNT	n40 SISO	2422	Ant1	-27.05	-27.05	8	Pass
NVNT	n40 SISO	2437	Ant1	-27.08	-27.08	8	Pass
NVNT	n40 SISO	2452	Ant1	-26.69	-26.69	8	Pass

Test Graphs

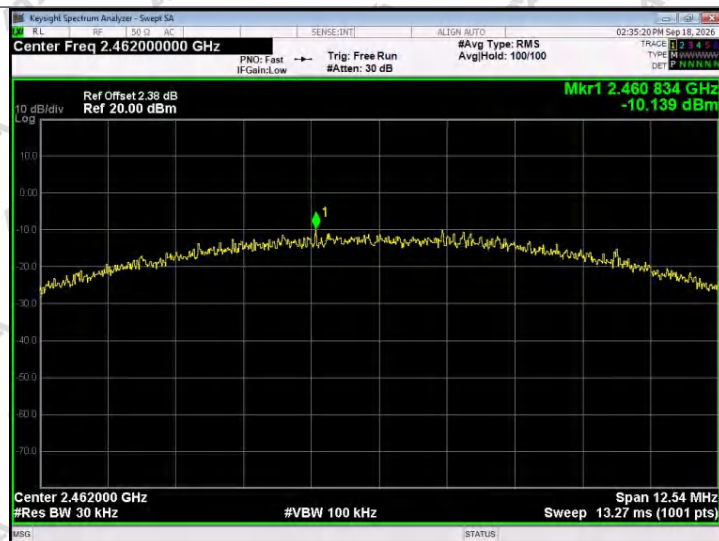
PSD NVNT b 2412MHz Ant1 SISO



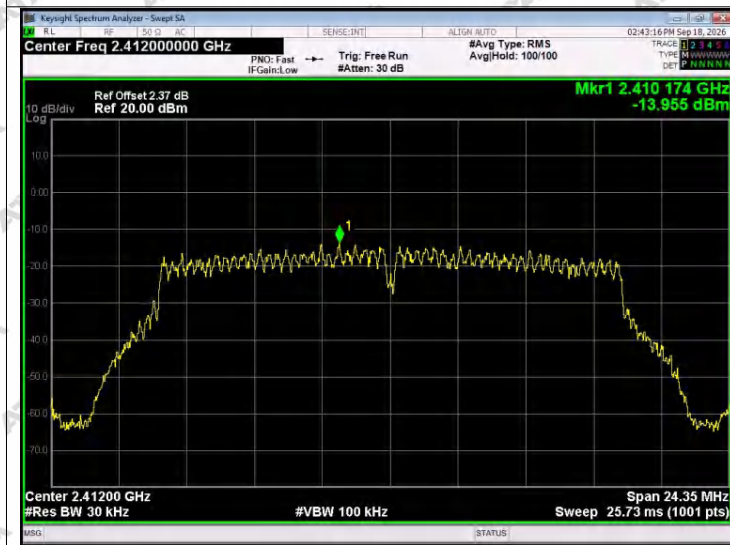
PSD NVNT b 2437MHz Ant1 SISO



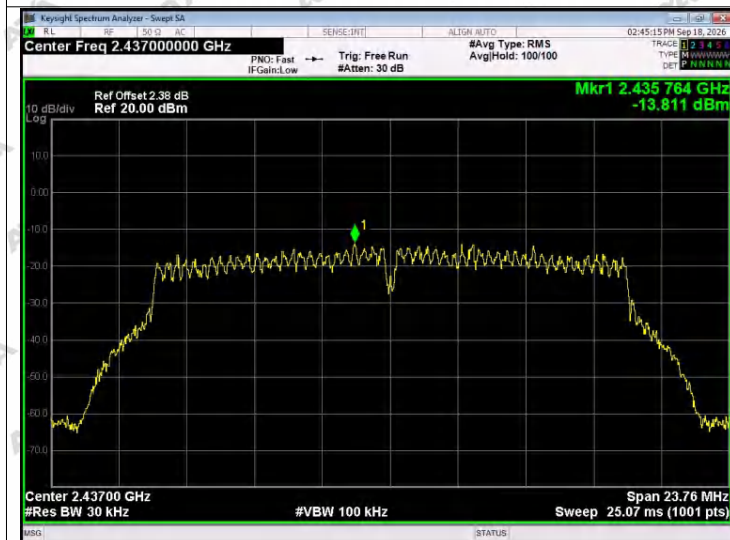
PSD NVNT b 2462MHz Ant1 SISO



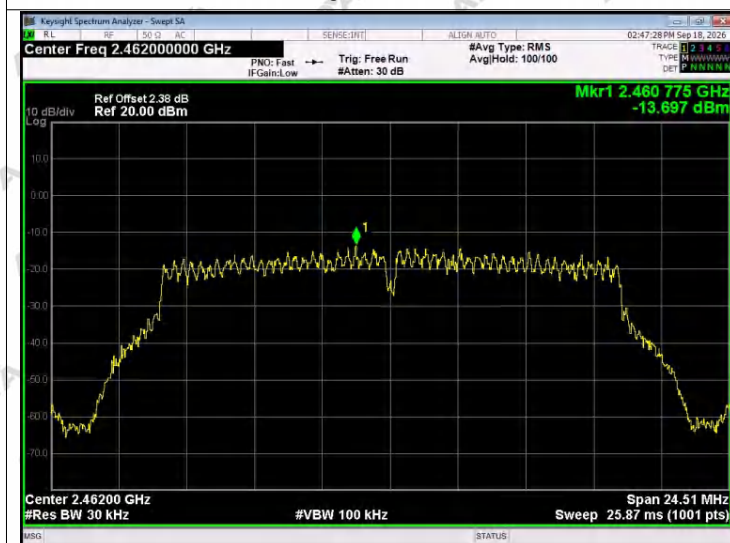
PSD NVNT g 2412MHz Ant1 SISO



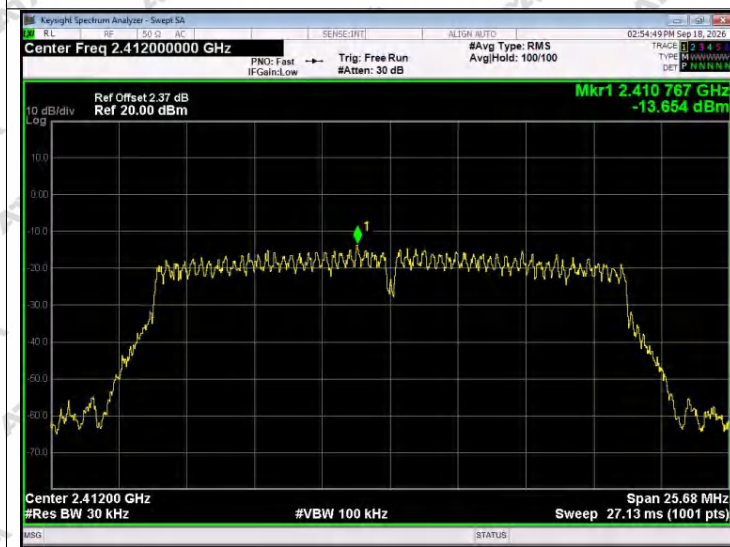
PSD NVNT g 2437MHz Ant1 SISO



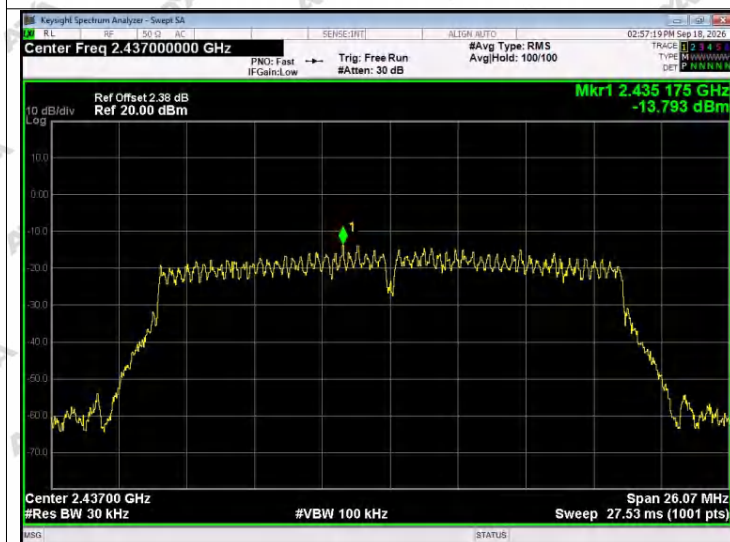
PSD NVNT g 2462MHz Ant1 SISO



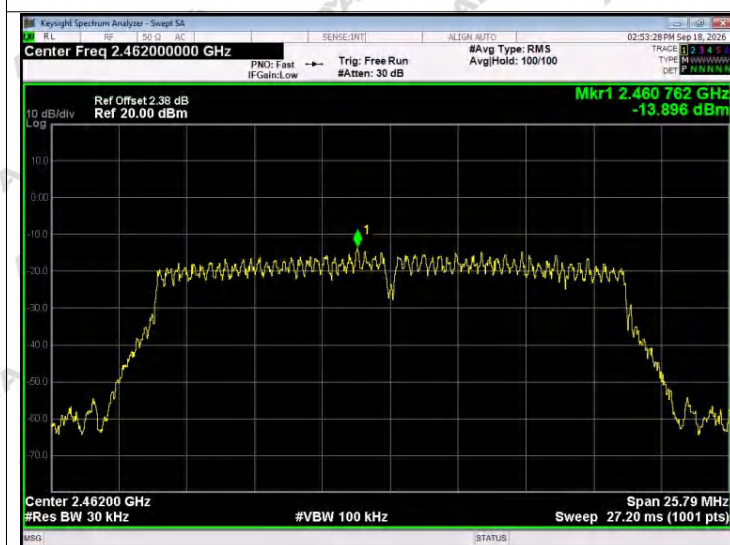
PSD NVNT n20 2412MHz Ant1 SISO



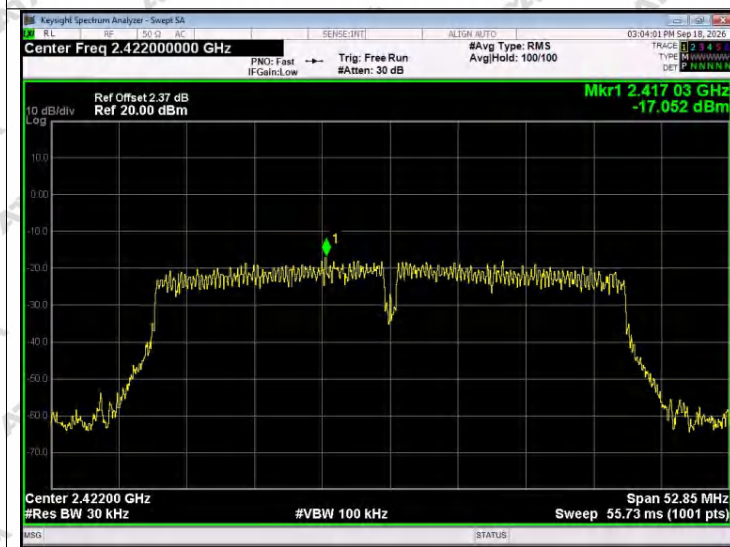
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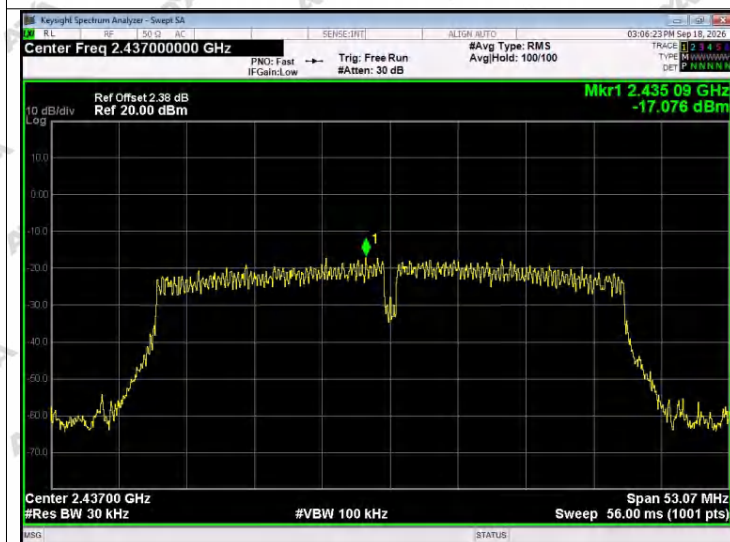
PSD NVNT n20 2462MHz Ant1 SISO



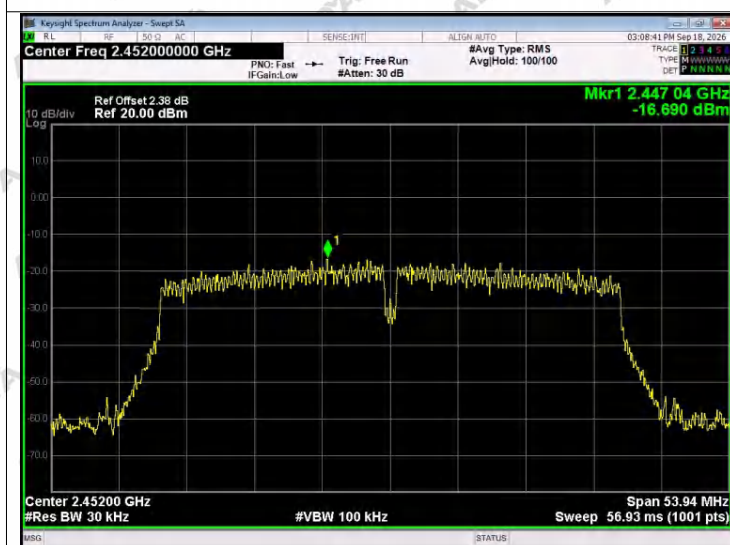
PSD NVNT n40 2422MHz Ant1 SISO



PSD NVNT n40 2437MHz Ant1 SISO



PSD NVNT n40 2452MHz Ant1 SISO



Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b SISO	2412	Ant1	-49.4	-20	Pass
NVNT	b SISO	2462	Ant1	-49.54	-20	Pass
NVNT	g SISO	2412	Ant1	-43.5	-20	Pass
NVNT	g SISO	2462	Ant1	-46.27	-20	Pass
NVNT	n20 SISO	2412	Ant1	-44.5	-20	Pass
NVNT	n20 SISO	2462	Ant1	-45.49	-20	Pass
NVNT	n40 SISO	2422	Ant1	-36.38	-20	Pass
NVNT	n40 SISO	2452	Ant1	-42.98	-20	Pass

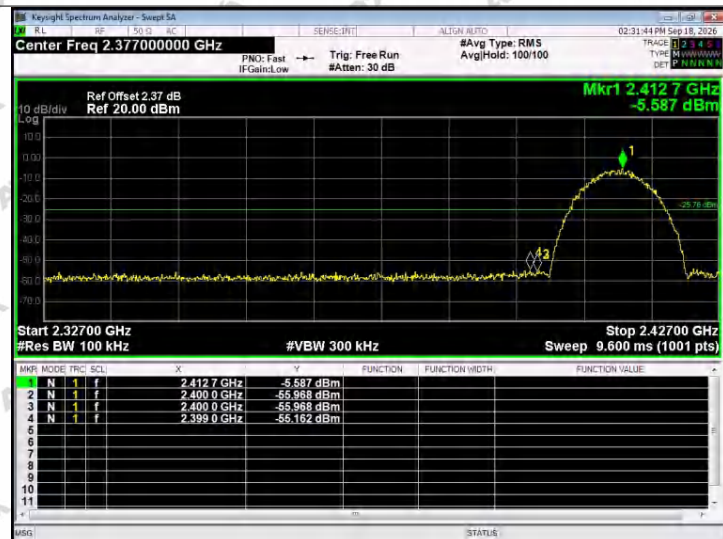


Test Graphs

Band Edge NVNT b 2412MHz Ant1 Ref SISO



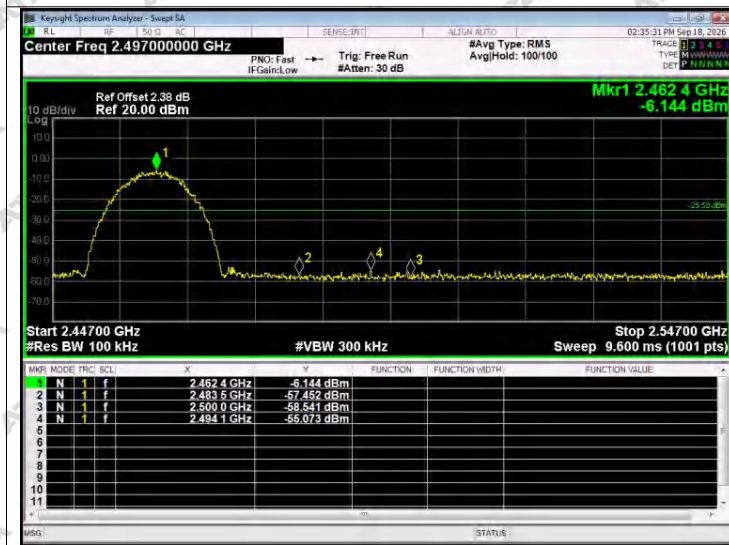
Band Edge NVNT b 2412MHz Ant1 Emission SISO



Band Edge NVNT b 2462MHz Ant1 Ref SISO



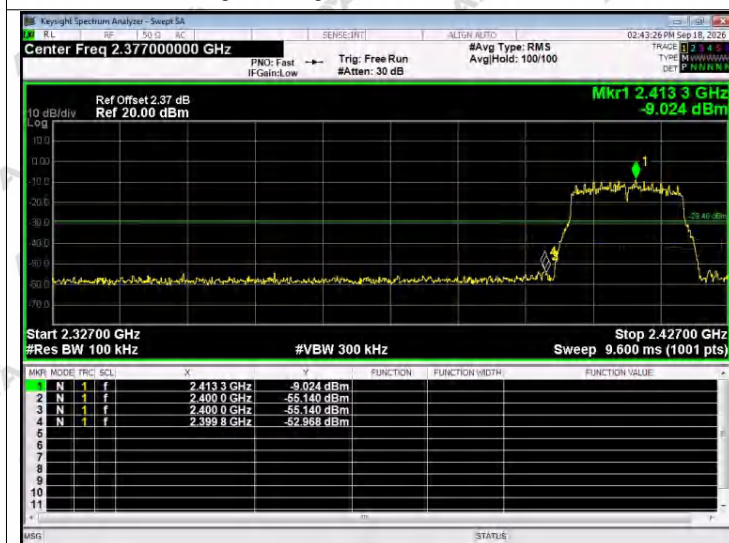
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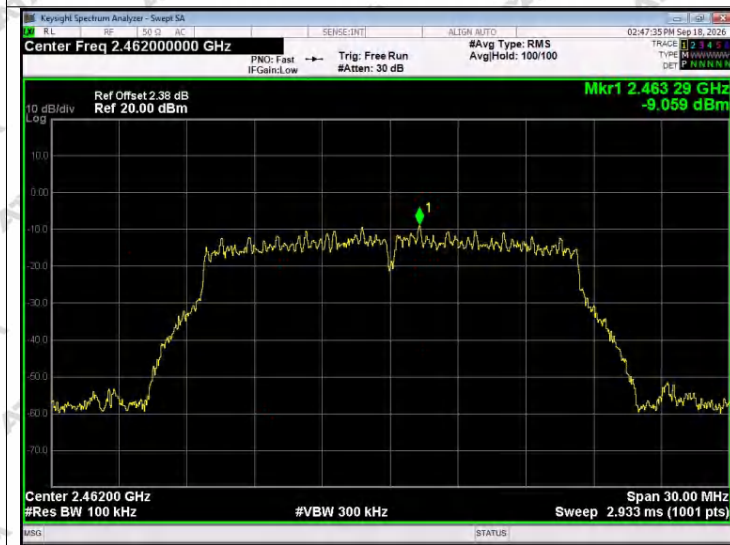
Band Edge NVNT g 2412MHz Ant1 Ref SISO



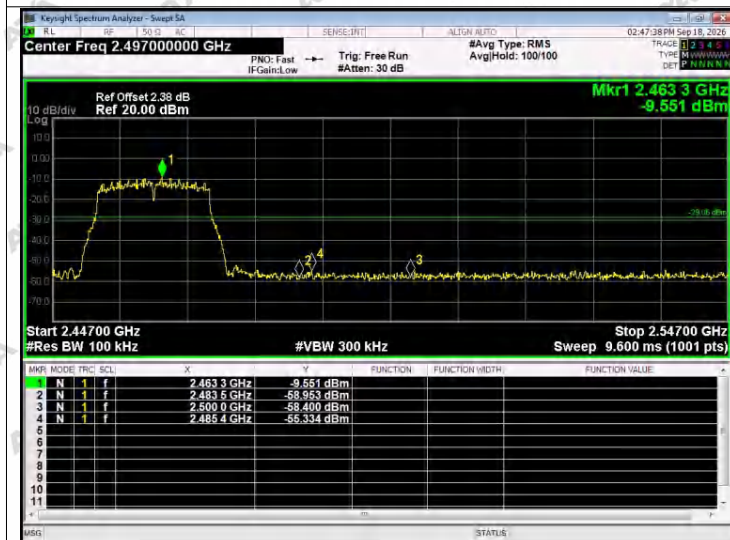
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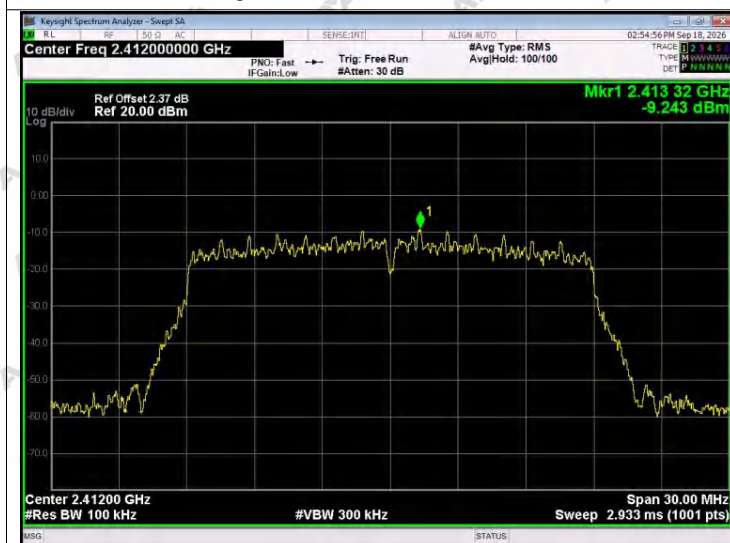
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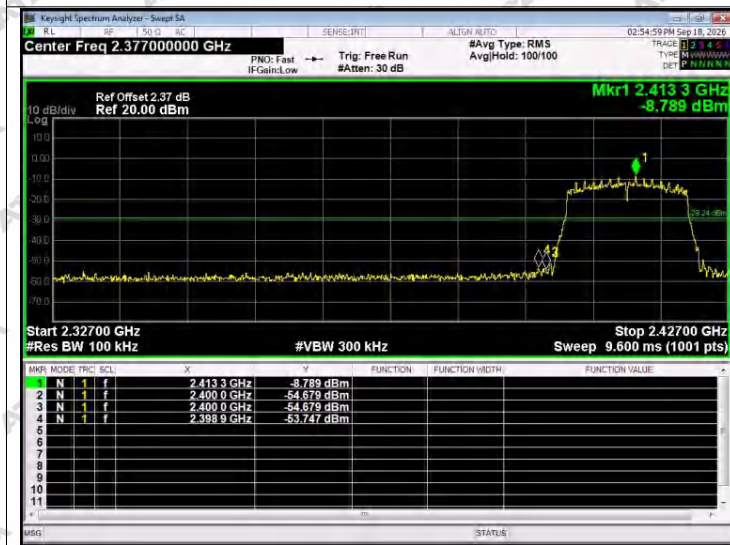
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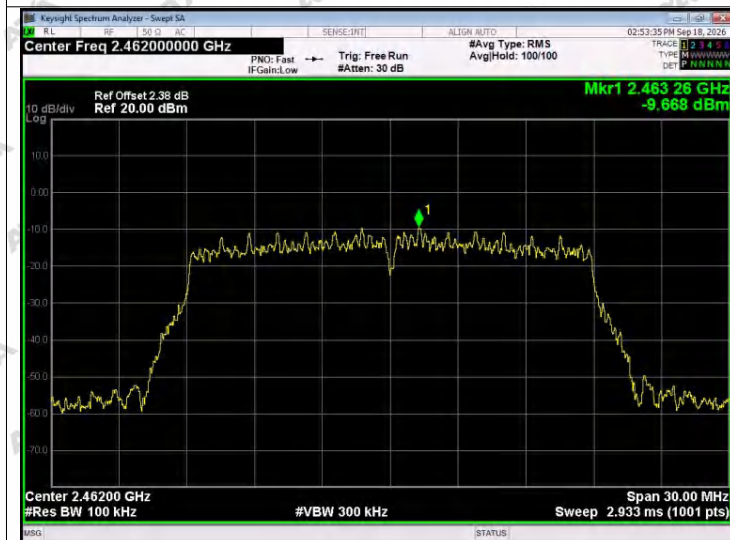
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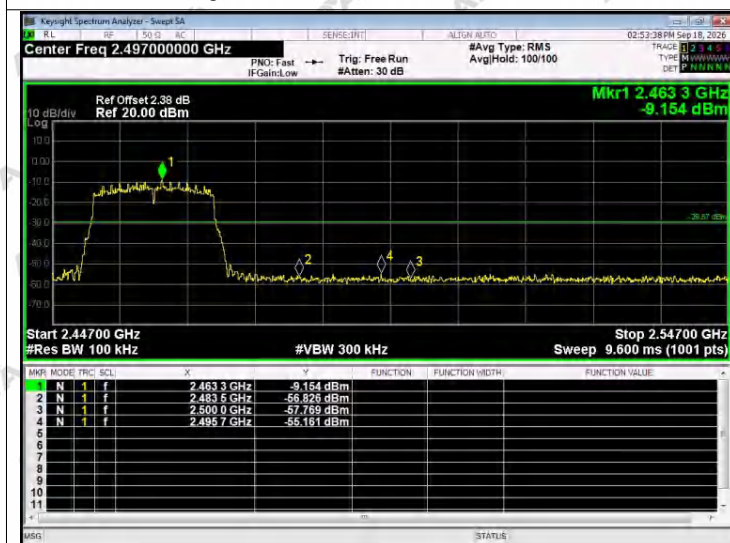
Band Edge NVNT n20 2412MHz Ant1 Emission SISO



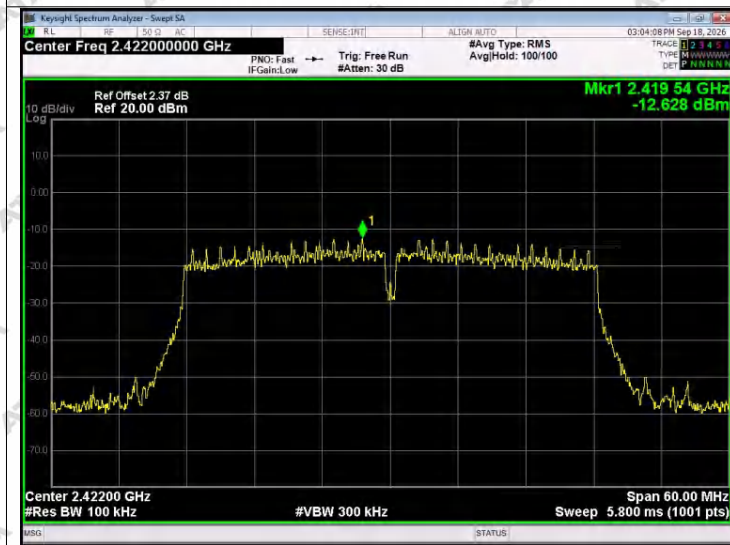
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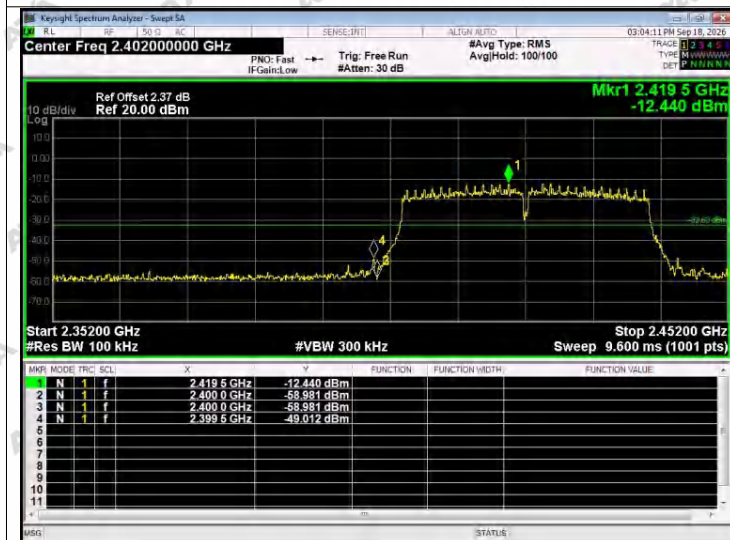
Band Edge NVNT n20 2462MHz Ant1 Emission SISO



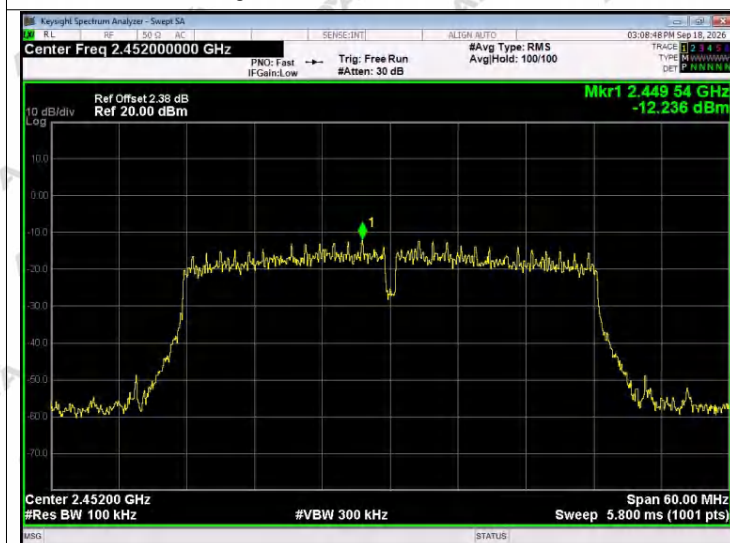
Band Edge NVNT n40 2422MHz Ant1 Ref SISO



Band Edge NVNT n40 2422MHz Ant1 Emission SISO



Band Edge NVNT n40 2452MHz Ant1 Ref SISO



Band Edge NVNT n40 2452MHz Ant1 Emission SISO



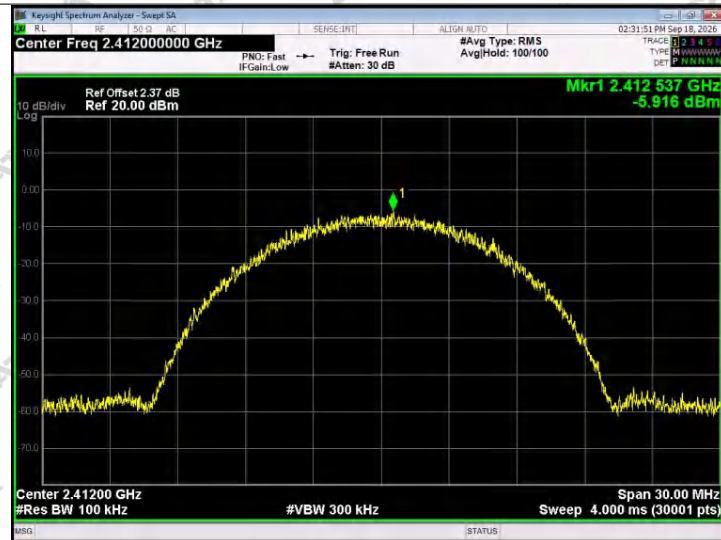
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b SISO	2412	Ant1	-34.65	-20	Pass
NVNT	b SISO	2437	Ant1	-34.56	-20	Pass
NVNT	b SISO	2462	Ant1	-35.25	-20	Pass
NVNT	g SISO	2412	Ant1	-30.98	-20	Pass
NVNT	g SISO	2437	Ant1	-32.16	-20	Pass
NVNT	g SISO	2462	Ant1	-31.54	-20	Pass
NVNT	n20 SISO	2412	Ant1	-31.47	-20	Pass
NVNT	n20 SISO	2437	Ant1	-32.16	-20	Pass
NVNT	n20 SISO	2462	Ant1	-31.31	-20	Pass
NVNT	n40 SISO	2422	Ant1	-28.03	-20	Pass
NVNT	n40 SISO	2437	Ant1	-29.35	-20	Pass
NVNT	n40 SISO	2452	Ant1	-29.19	-20	Pass

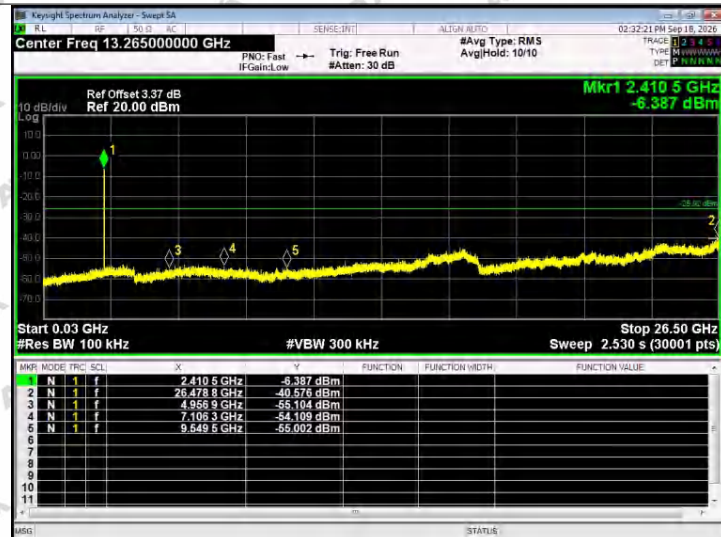


Test Graphs

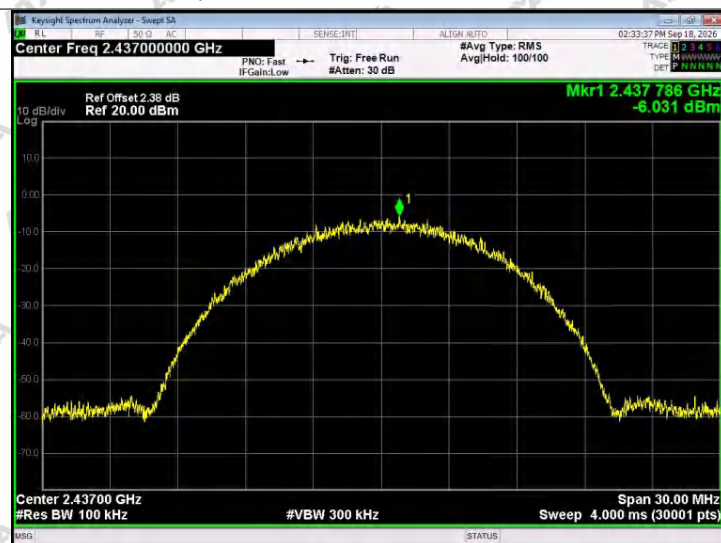
Tx. Spurious NVNT b 2412MHz Ant1 Ref SISO



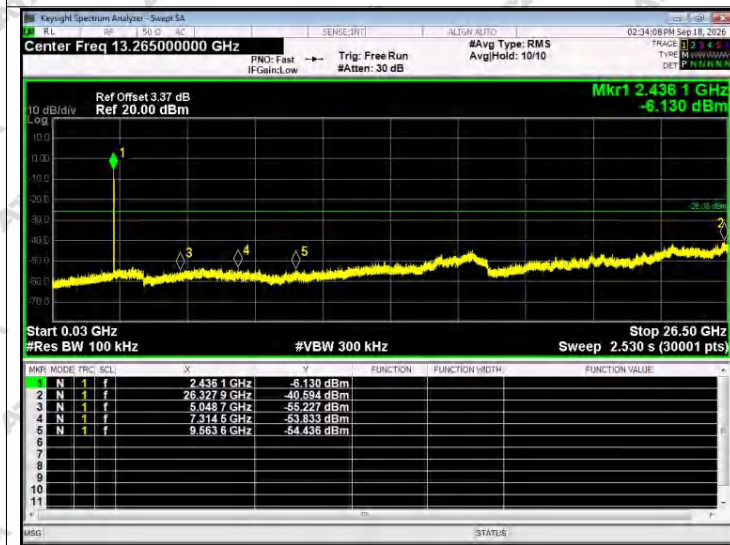
Tx. Spurious NVNT b 2412MHz Ant1 Emission SISO



Tx. Spurious NVNT b 2437MHz Ant1 Ref SISO



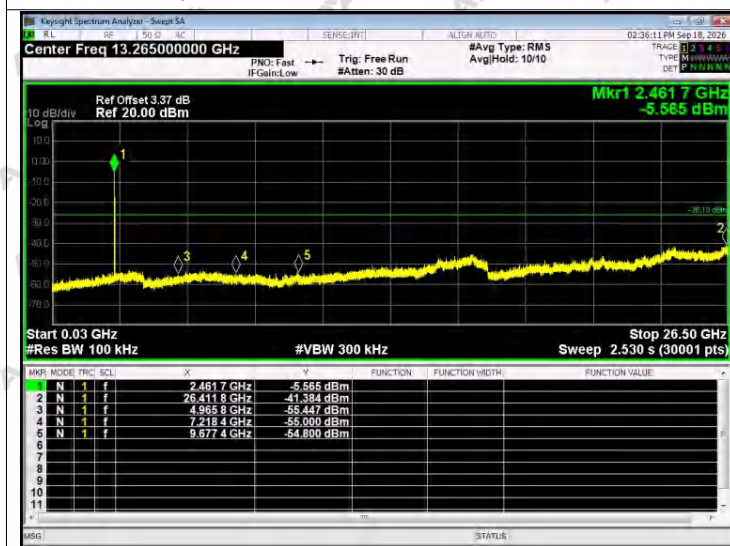
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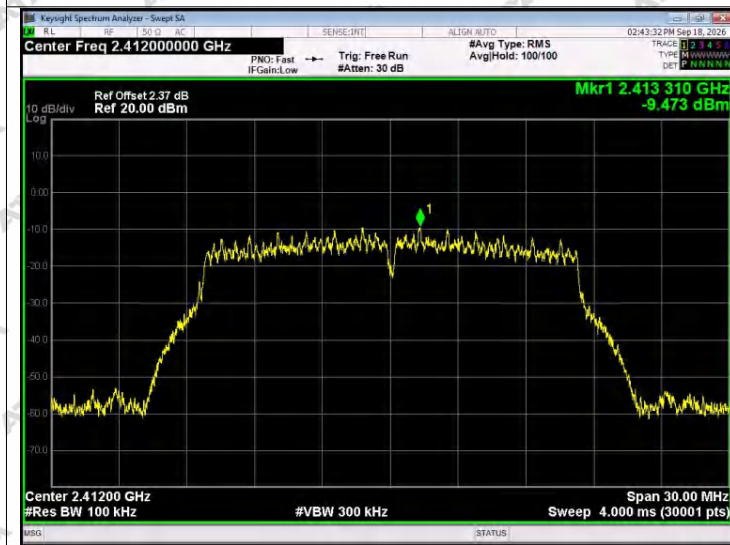
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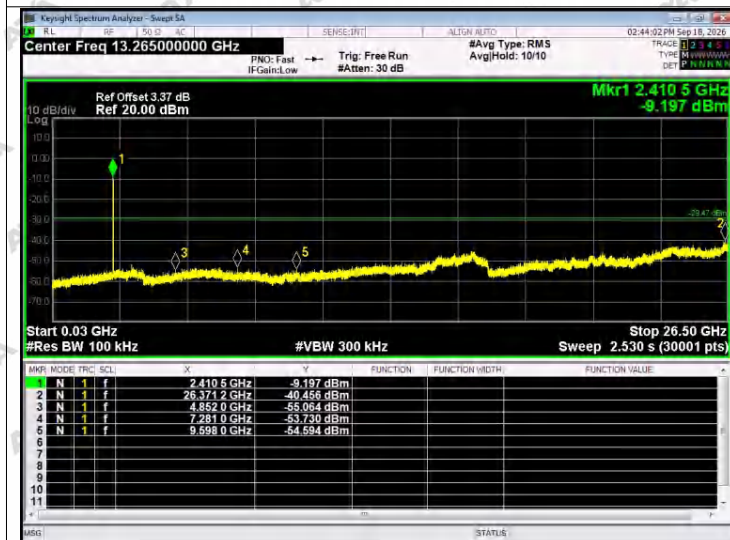
Tx. Spurious NVNT b 2462MHz Ant1 Emission SISO



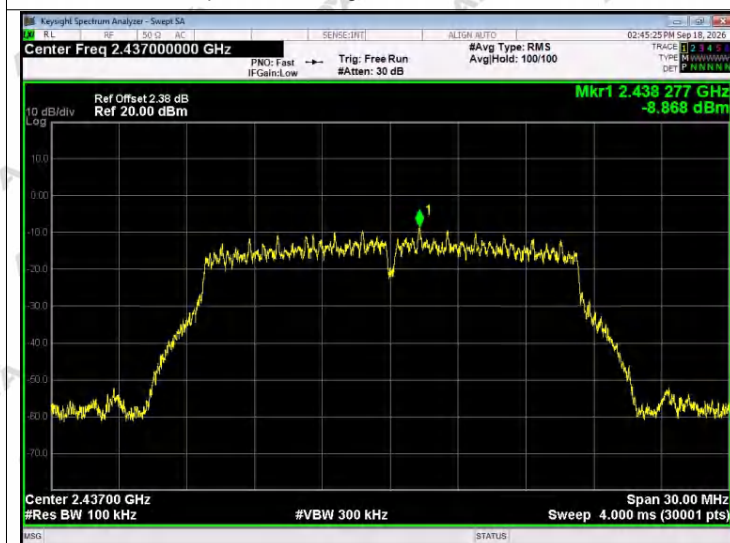
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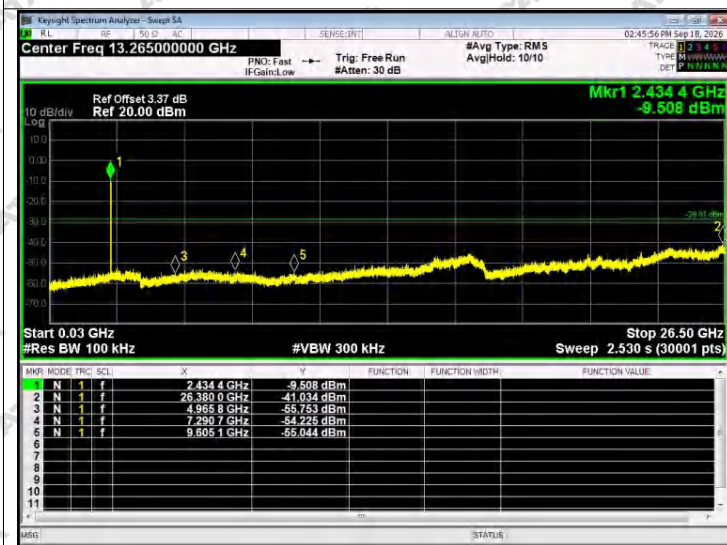
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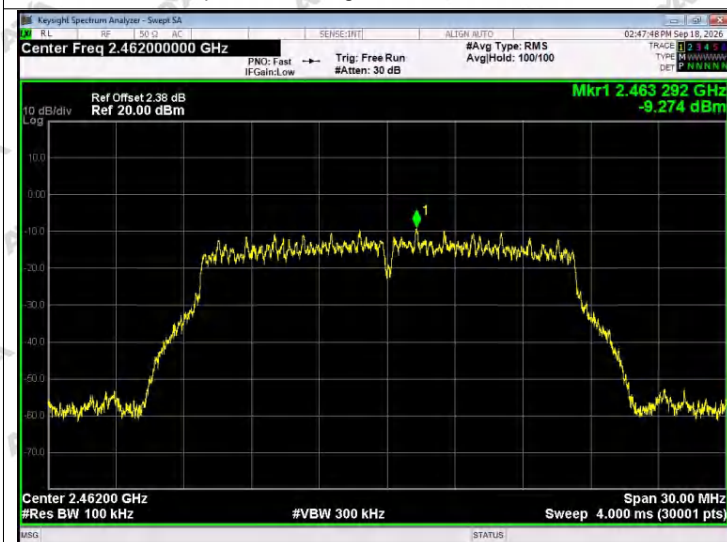
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Tx. Spurious NVNT g 2437MHz Ant1 Emission SISO



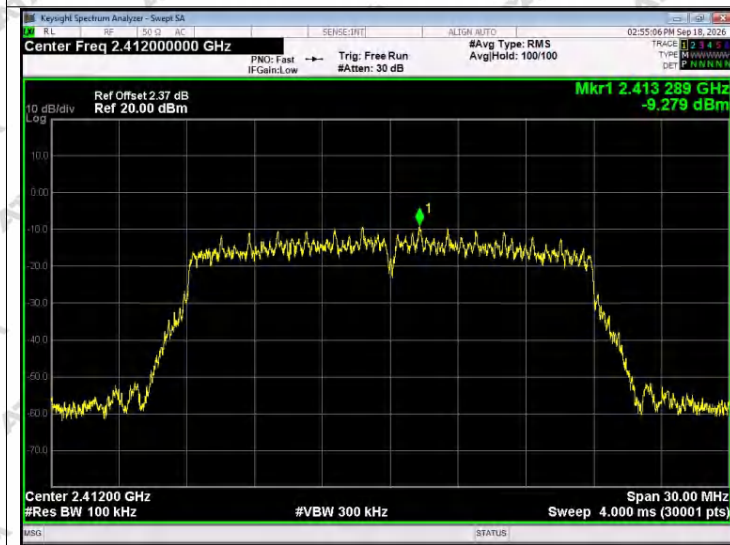
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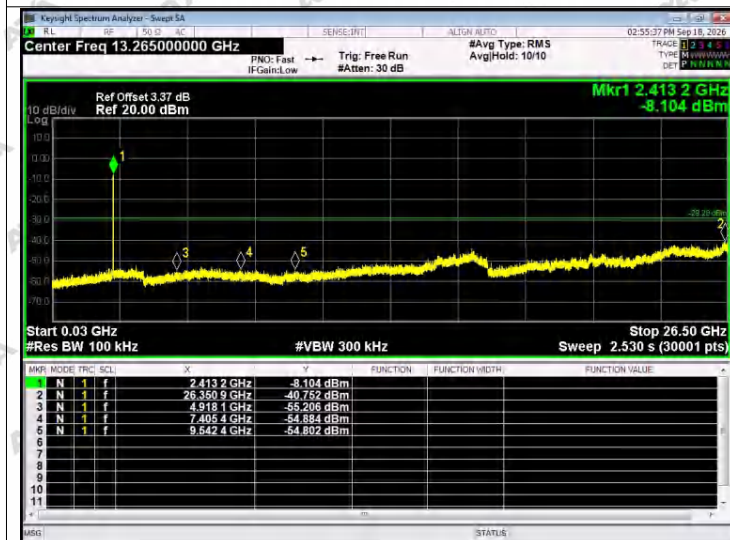
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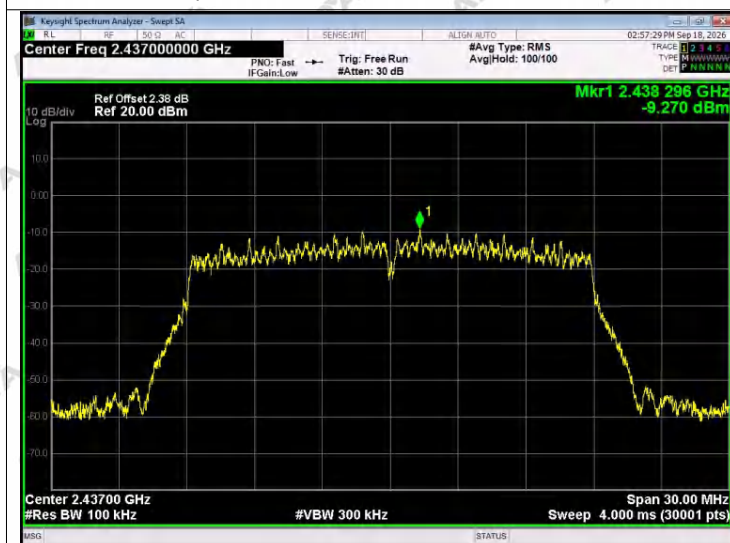
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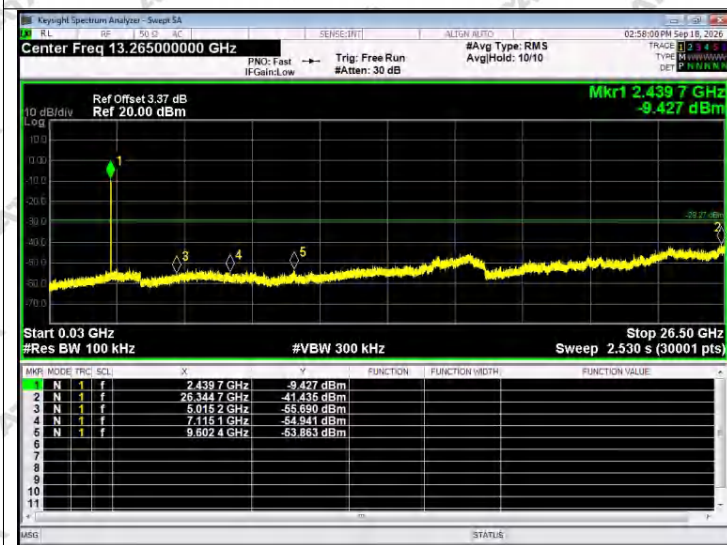
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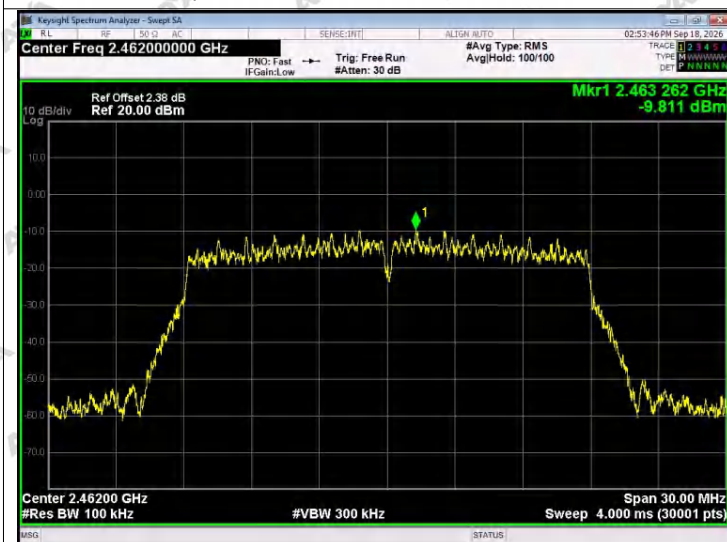
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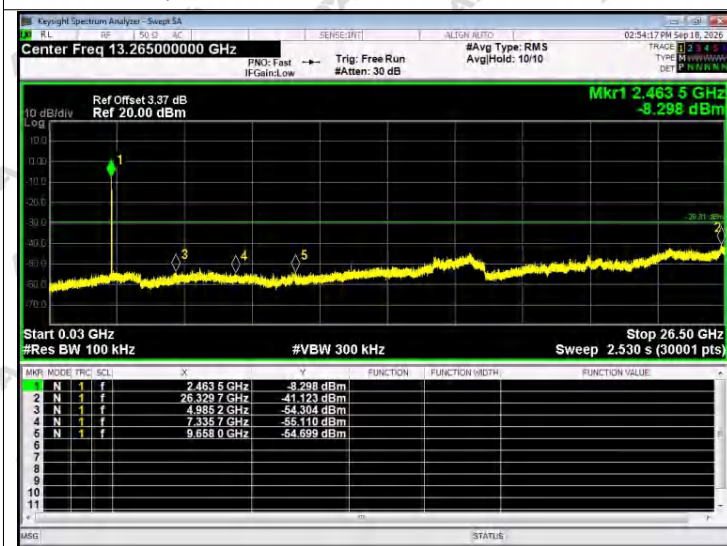
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Tx. Spurious NVNT n20 2462MHz Ant1 Ref SISO



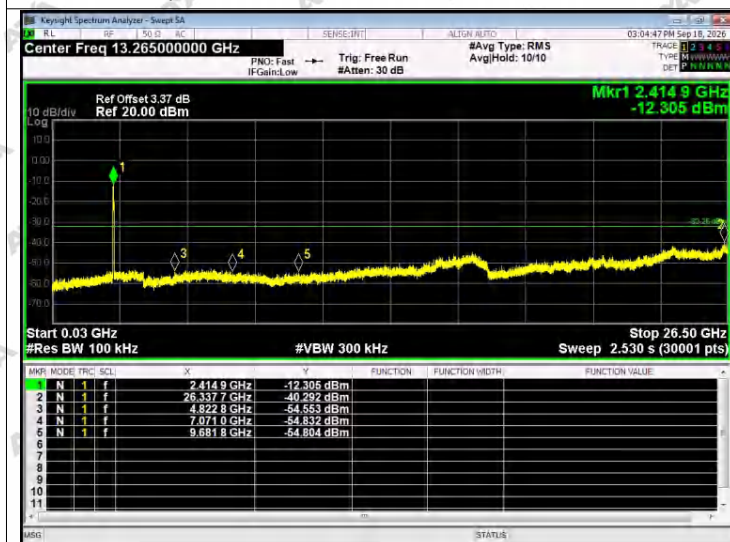
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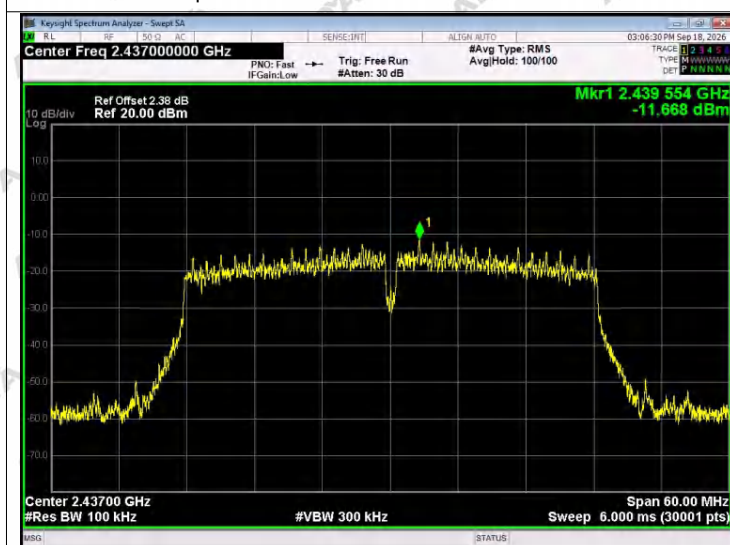
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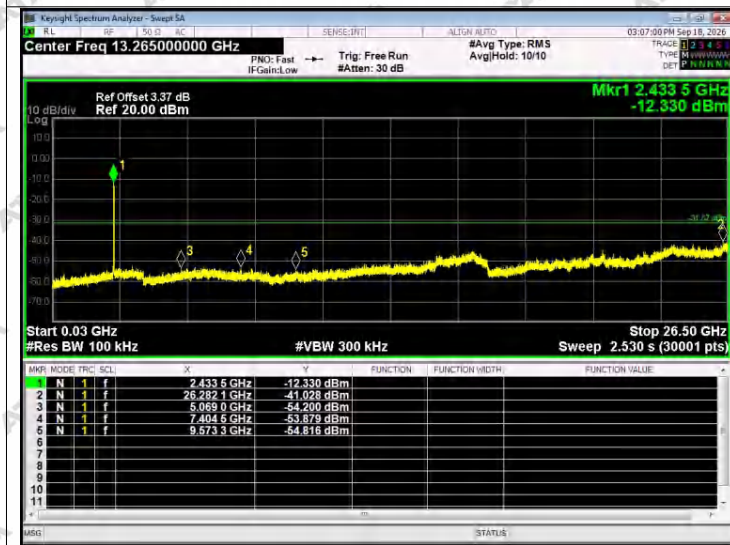
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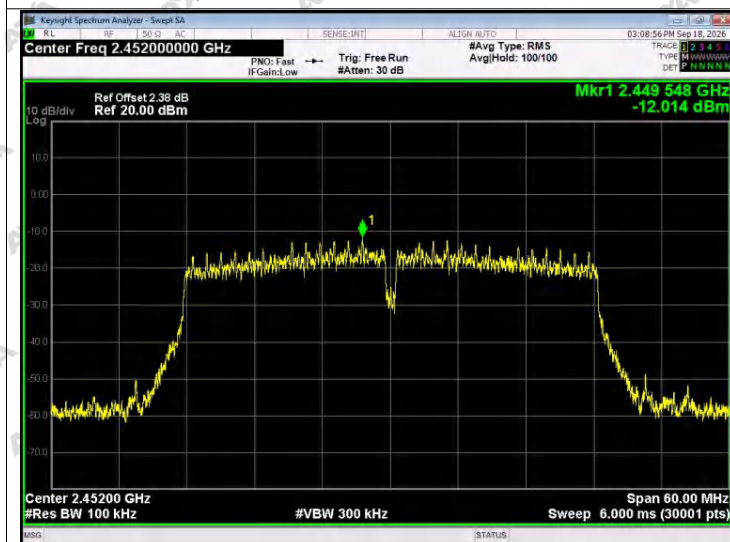
Tx. Spurious NVNT n40 2437MHz Ant1 Ref SISO



Tx. Spurious NVNT n40 2437MHz Ant1 Emission SISO



Tx. Spurious NVNT n40 2452MHz Ant1 Ref SISO



Tx. Spurious NVNT n40 2452MHz Ant1 Emission SISO

