

FCC ID: 2BEQ8-H036

Applicant: Baldr Group LTD

Address: 71-75 Shelton Street, Covent Garden, WC2H 9JQ, London, United Kingdom

Manufacturer: Baldr Group LTD

Address: 71-75 Shelton Street, Covent Garden, WC2H 9JQ, London, United Kingdom

Product Name: Smart Thermostat and Controller

Trade Mark: baldr

Model Number: H036

Date of Receipt: Jul. 27, 2026

Test Date: Jul. 27, 2026 - Aug. 20, 2026

Date of Report: Aug. 20, 2026

Prepared By: Shenzhen DL Testing Technology Co., Ltd.

Address: 101-201, Comprehensive Building, Tongzhou Electronics Longgang Factory Area, No.1 Baolong Fifth Road, Baolong Community, Baolong Street, Longgang District, Shenzhen, China

Applicable Standards: FCC PART 15 C 15.247
ANSI C63.10-2020 + Cor.1-2023+C63.10a-2024 + Errata to C63.10a-2024

Test Result: Pass

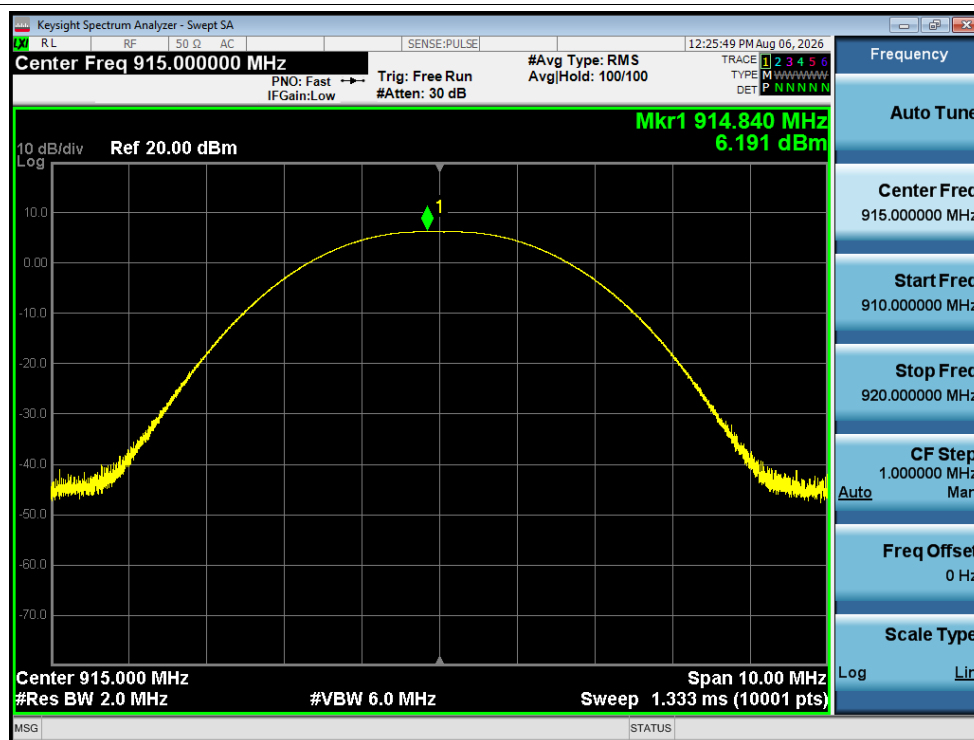
Report Number: DLE-260727035R

Maximum Peak Conducted Output Power

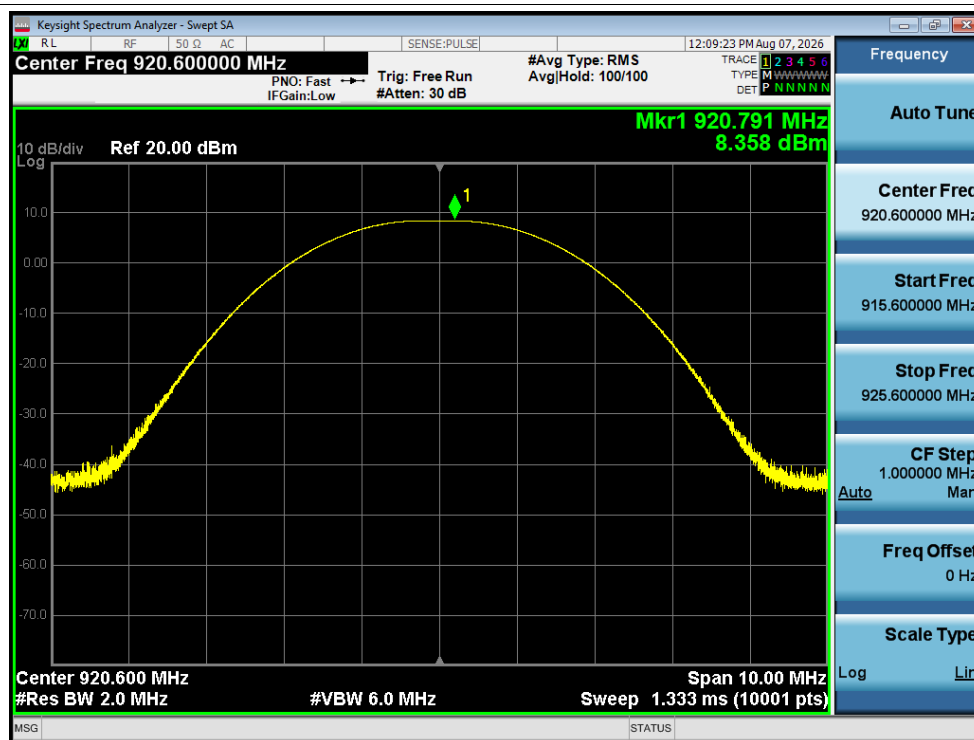
Condition	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit Conducted(dBm)	Verdict
NVNT	902.6	Ant1	8.37	30	Pass
NVNT	915	Ant1	6.19	30	Pass
NVNT	920.6	Ant1	8.36	30	Pass



Peak Power NVNT 1M 902.6MHz Ant1



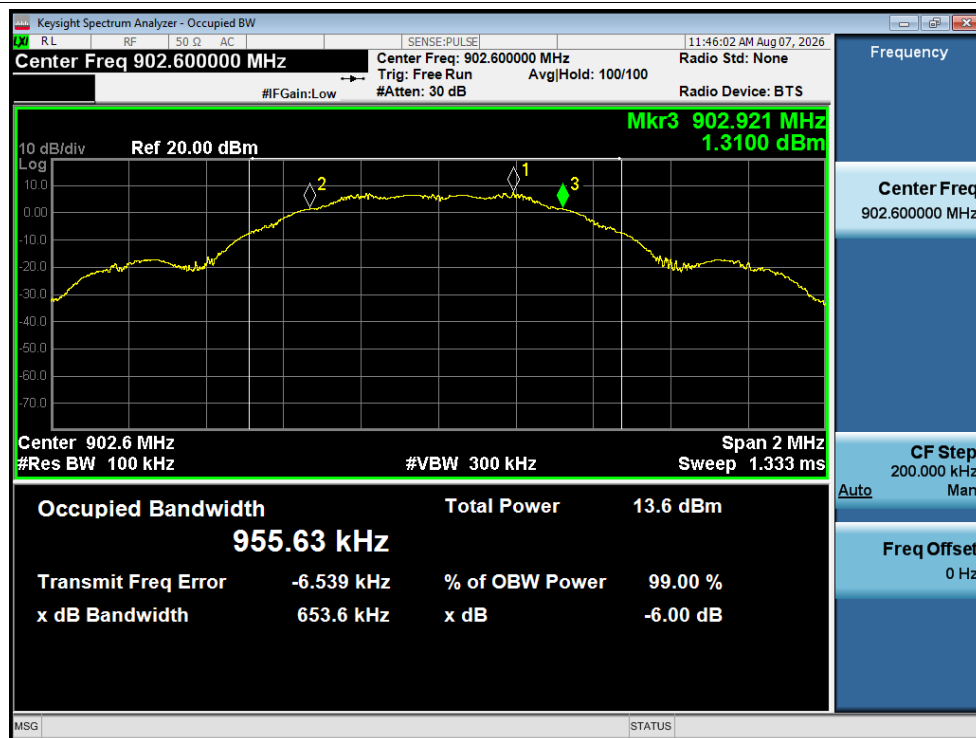
Peak Power NVNT 1M 915MHz Ant1



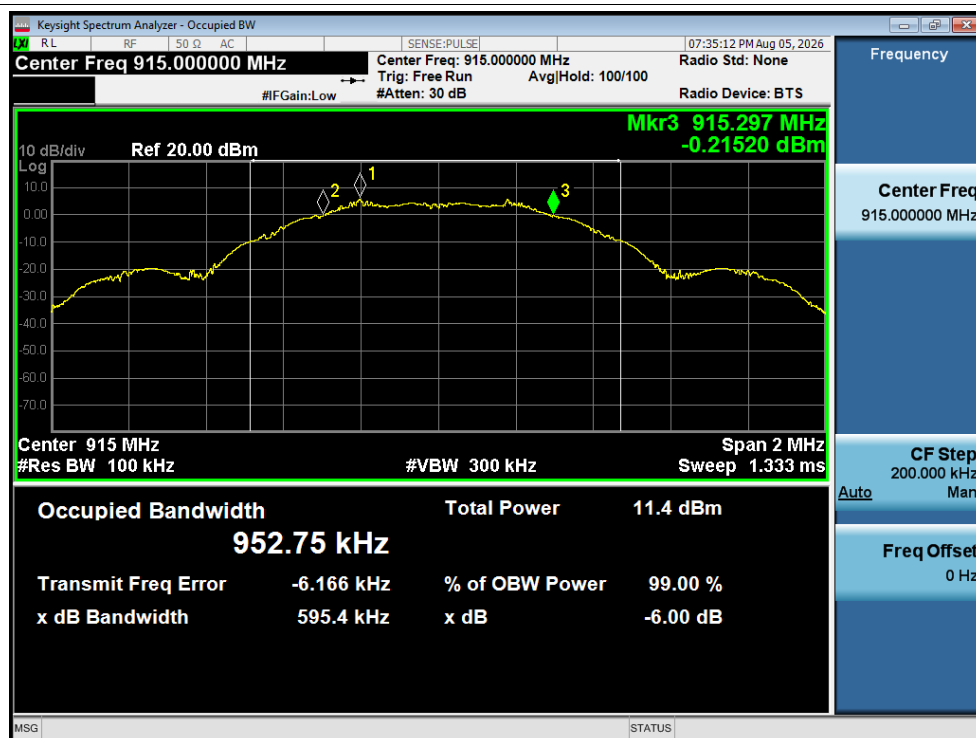
Peak Power NVNT 1M 920.6MHz Ant1

-6dB Bandwidth

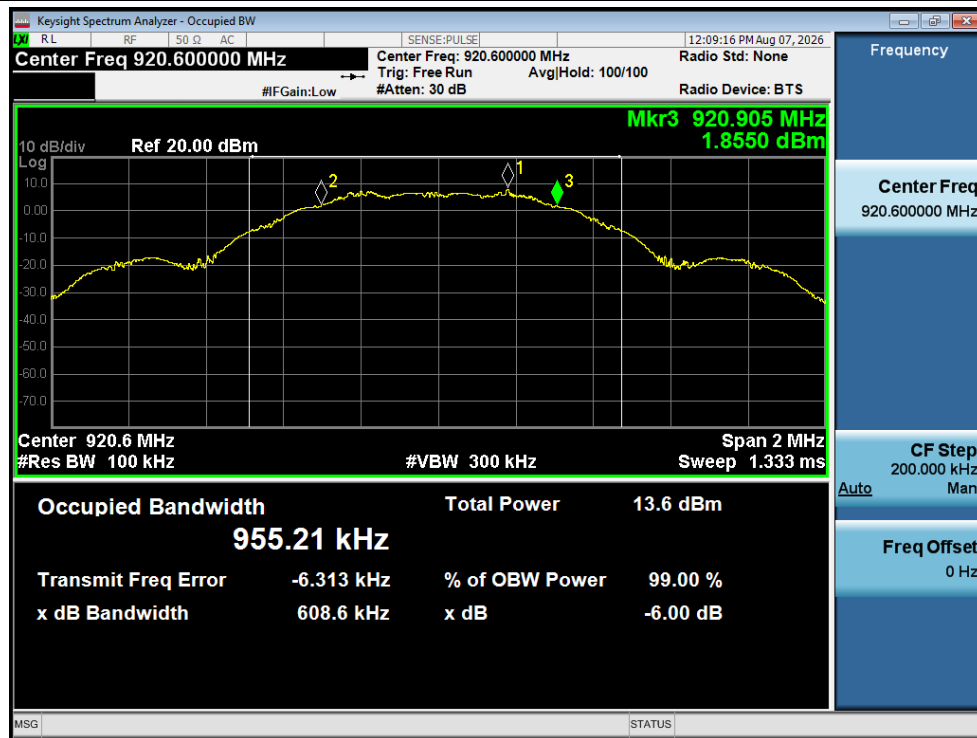
Condition	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	902.6	Ant1	0.6536	0.5	Pass
NVNT	915	Ant1	0.5954	0.5	Pass
NVNT	920.6	Ant1	0.6086	0.5	Pass



-6dB Bandwidth NVNT 1M 902.6MHz Ant1



-6dB Bandwidth NVNT 1M 915MHz Ant1



-6dB Bandwidth NVNT 1M 920.6MHz Ant1

Occupied Channel Bandwidth

Condition	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	902.6	Ant1	0.93794
NVNT	915	Ant1	0.93453
NVNT	920.6	Ant1	0.93143



OBW NVNT 1M 902.6MHz Ant1



OBW NVNT 1M 915MHz Ant1



OBW NVNT 1M 920.6MHz Ant1

Maximum Power Spectral Density Level

Condition	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	902.6	Ant1	-3.56	8	Pass
NVNT	915	Ant1	-5.23	8	Pass
NVNT	920.6	Ant1	-2.98	8	Pass



PSD NVNT 1M 902.6MHz Ant1

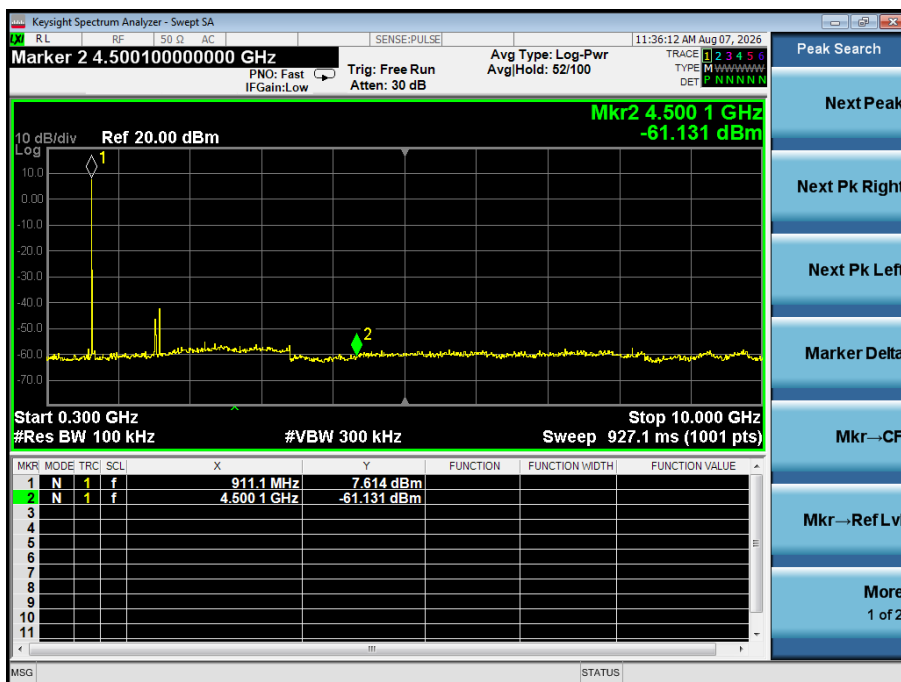
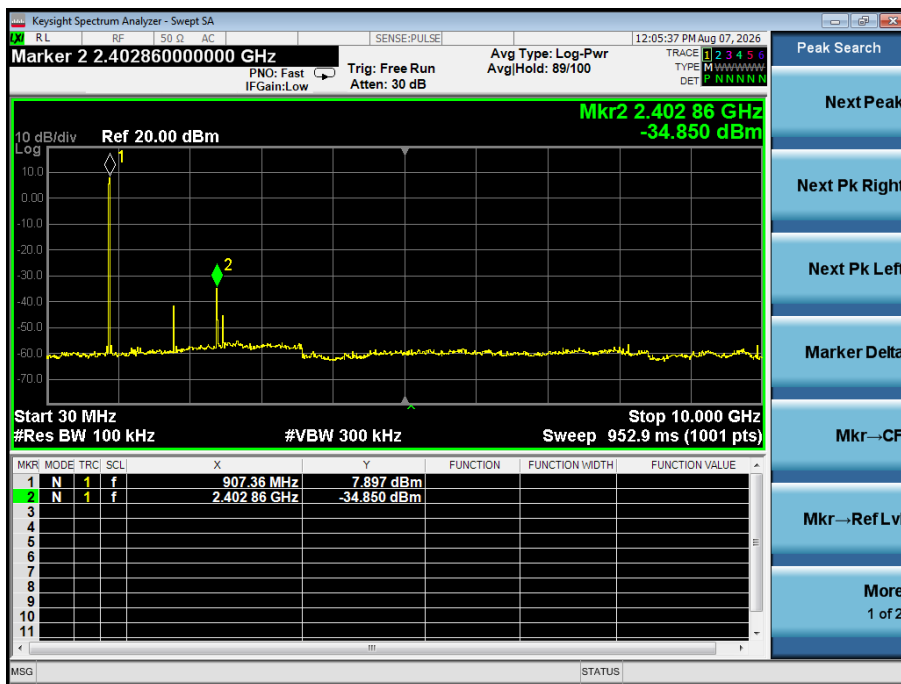


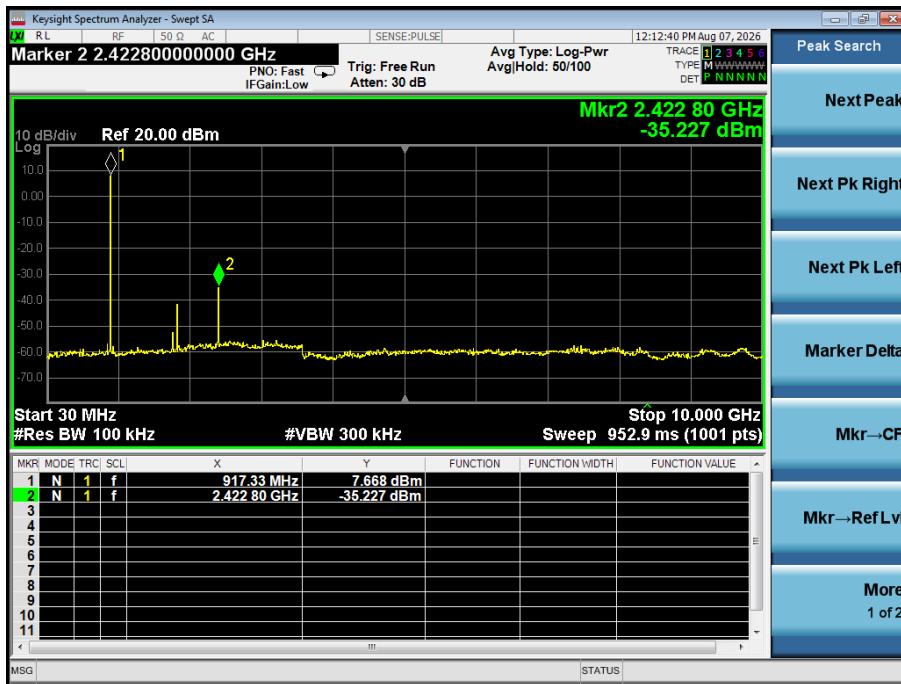
PSD NVNT 1M 915MHz Ant1



PSD NVNT 1M 920.6MHz Ant1

Conducted Emission





Band Edge Emission

