

# NB-IoT NETWORK DIAGNOSTIC REPORT

Device Information	
IMEI:	351469520520687
Report Time:	2026-02-14 01:37:14
Report Number:	R0687-01.37
IMSI:	502153123456789

Overall Status	HEALTHY
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## Layer-by-Layer Analysis

Layer	Component	Status	Details
2	Registration	PASS	Registered (home network) (1)
3	PDP Context	PASS	NETOPEN successful
4	UDP Socket	PASS	CIOPEN successful
4	Data Send	PASS	100 bytes sent
4	Server ACK	RECEIVED	Server acknowledged

## Signal Quality

Metric	Value	Quality
RSRP (Signal Power)	-85 dBm	Good
SNR (Signal-to-Noise)	10 dB	Excellent

## Server Configuration

Setting	Value
Server IP	47.254.129.55
Server Port	5005
APN	nb.iot

## ■ Recommended Actions

- System is operating normally

## ■ Packet Information

Packet Data (Hex)	48656C6C6F
Packet Size	100 bytes