

Antenna Measurement Summary Report

MODEL NAME	Moray
TESTED DATED	2026.07.22
ISSUED DATE	2026.08.20
TEST LAB NAME	INPAQ TECHNOLOGY (CHUNAN) CO., LTD.
TEST LAB ADDRESS	No. 90, Keyi St., Zhunan Township, Miaoli County 350402, Taiwan (R.O.C.)
TEST ENGINEER	Ian.Chen

RELEASE CONTROL RECORD

REPORT NO.	REASON FOR CHANGE	DATE ISSUED
A0	Original release	錯誤! 找不到參照 來源。 20

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GENERAL INFORMATION

ANTENNA BRAND:	INPAQ TECHNOLOGY CO. LTD.
ANTENNA MODEL NAME:	WAG-M-LB-00-065
ANTENNA TYPE:	PIFA
MEASUREMENT STATNDARD	ANSI/IEEE Std 149 2021

1. Test Methods

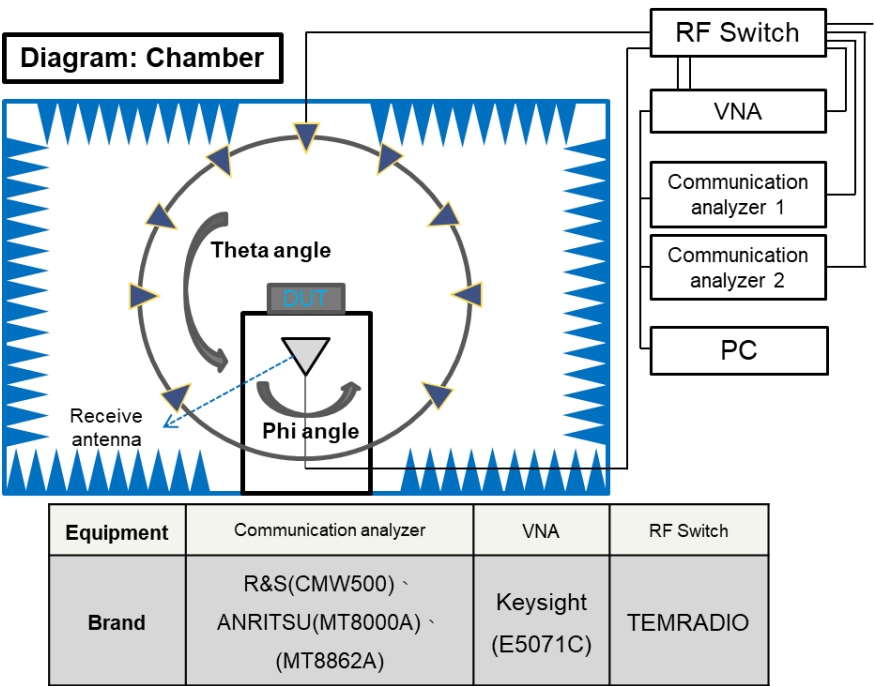
- 1.Place the DUT at the center of the turntable,
- 2.Connecting the test cable to the DUT, and use the XH.PassiveTest software for passive measurement.
- 3.During the measured process, MPS4842 will conduct radiation testing with the DUT through 48 probes by a vertical 360- degree; then the turntable will rotate a horizontal 180- degree.
4. After, a complete measurement of spherical 3D is completed.

2. Description of the anechoic chamber:

Length: 4.3 m

Width: 4.3 m

Height: 4.2 m



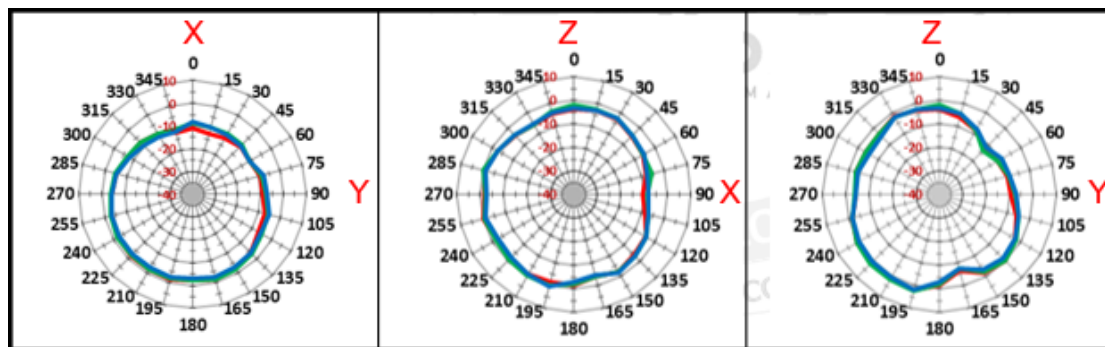
5. Antenna Radiation Performance

Frequency (MHz)	2400	2450	2500	5150	5500	5850
Average Gain (dBi)	-2.86	-2.98	-2.95	-3.14	-3.56	-3.71
Peak Gain (dBi)	2.75	2.97	3.20	4.00	3.76	3.65
Efficiency (%)	51.76	50.35	50.70	48.53	44.06	42.56

6. 2D/3D Antenna Patterns

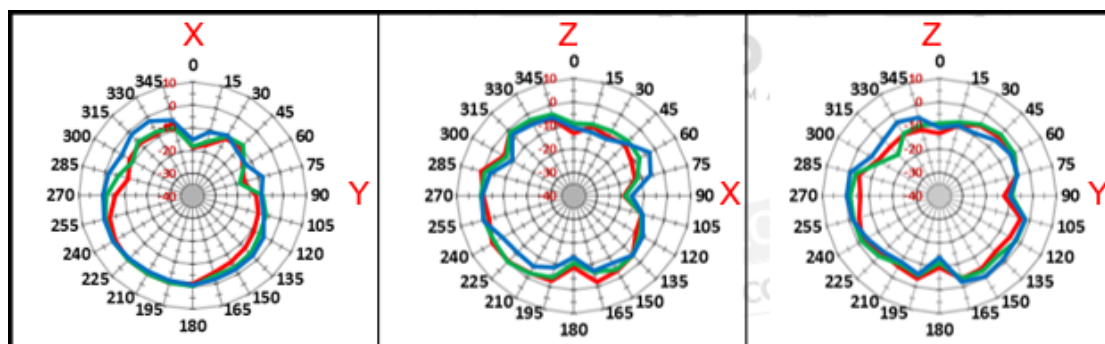
2D Antenna Patterns

2400-2500MHz



— 2400 — 2450 — 2500

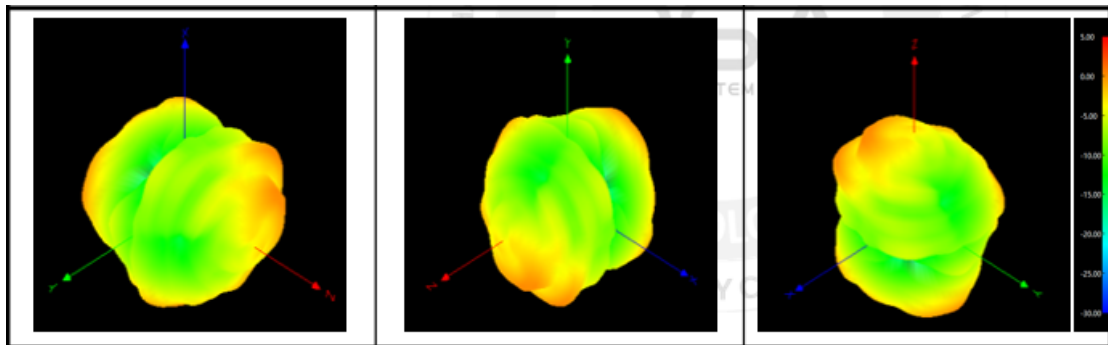
5150-5850MHz



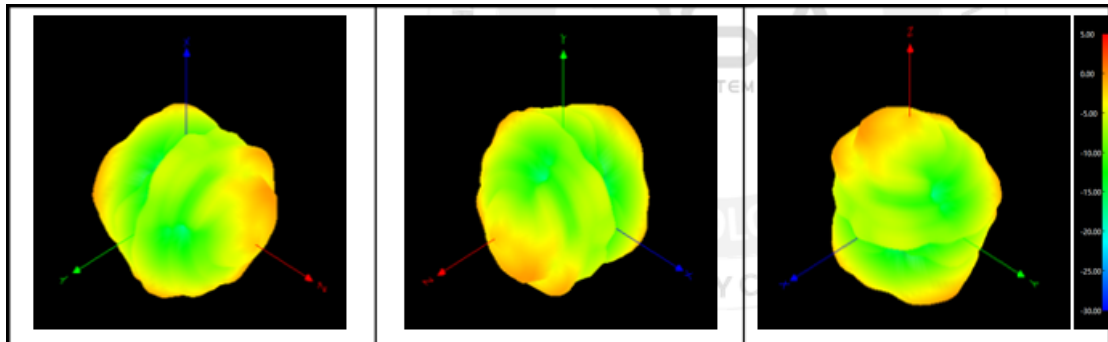
— 5150 — 5500 — 5850

3D Antenna Patterns

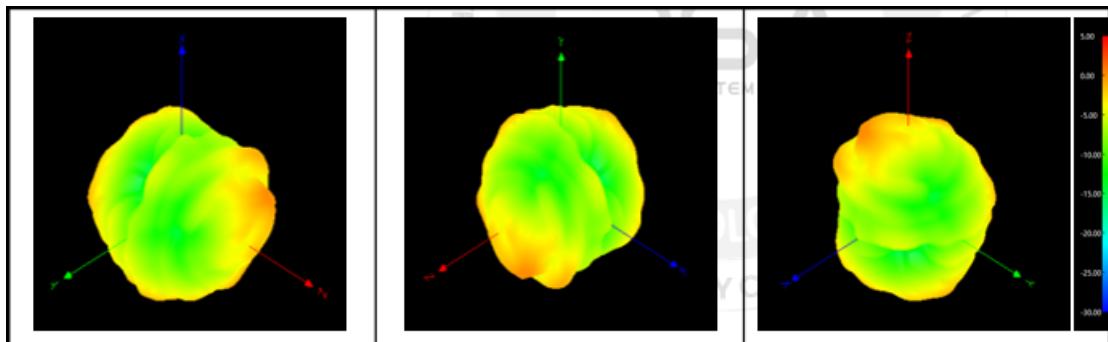
2400MHz



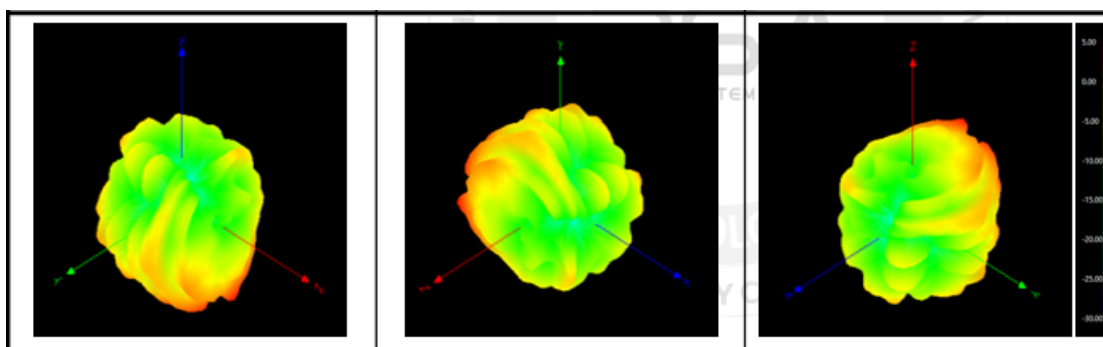
2450MHz



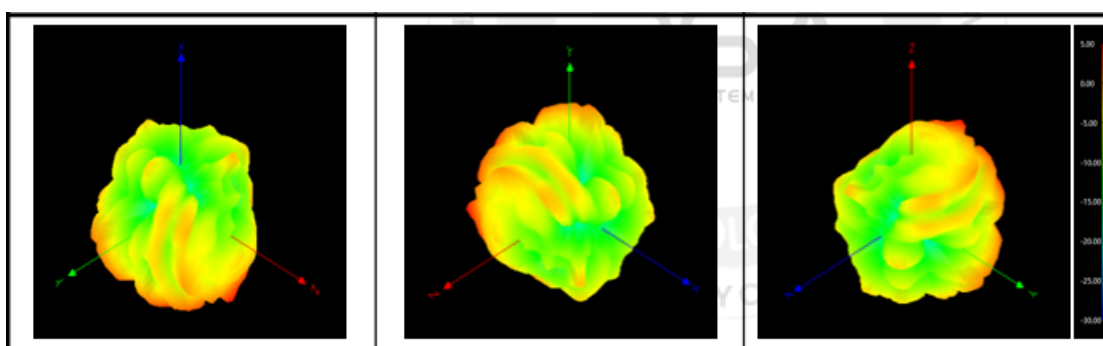
2500MHz



5150MHz



5500MHz



5850MHz

