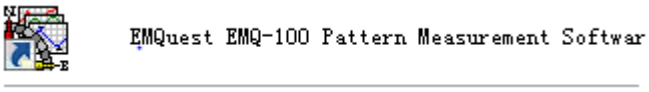
Zebra Technologies Corporation

ZEBRA

SPECIFICATION

Antenna Manufacturer Name	**T2Mobile Limited**
Address	6F Building C, No.232 Liangjing Road, Zhangjiang High-tech Park, Shanghai 201203, China
ODM P/N:	BCL6C30A10C0 Panther-rear-housing-asm-EM45A1 Antenna A7/A9 BQA6C30A15C0 Panther-top-ant-frame-norfid-asm Antenna A8/A10 BBA6C30000C1 Panther-NFC Antenna A11
Test DATE	2024.10.18
DATASHEET REVISION	

Test Software：EMQuest EMQ-100



Qinyang. Cai

Test Engineer: Qinyang.Cai

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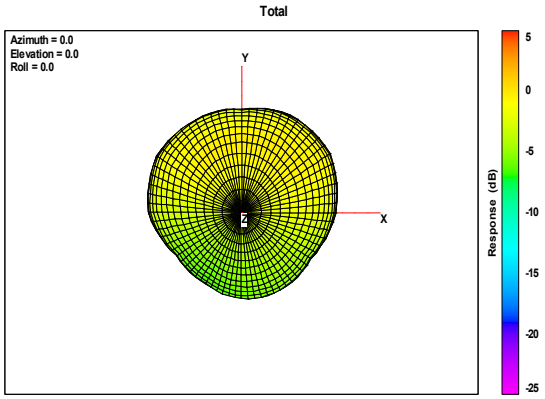
Description of Antenna

A7 antenna peak Gain（dBi）

Frequency Range	WIFI(2.4G)/BT (2400-2500MHZ)
Antenna type	IFA
Peak Gain(dBi)	0.28

2450MHZ



A8 antenna peak Gain（dBi）

Frequency Range	WIFI(5G/6e) (5150-7125MHZ)
Antenna type	Monopole

Band	Peak Gain(dBi)
WIFI 5G(5150~5250MHz)	-1.98
WIFI 5G(5250~5350MHz)	-1.66
WIFI 5G(5470~5725MHz)	-0.76
WIFI 5G(5725~5850MHz)	-0.62
WIFI 6e(5850~5925MHz)	-0.18
WIFI 6e(5925~6425MHz)	0.35
WIFI 6e(6425~6525MHz)	0.75
WIFI 6e(6525~6875MHz)	1.02
WIFI 6e(6875~7125MHz)	0.7

5200MHZ

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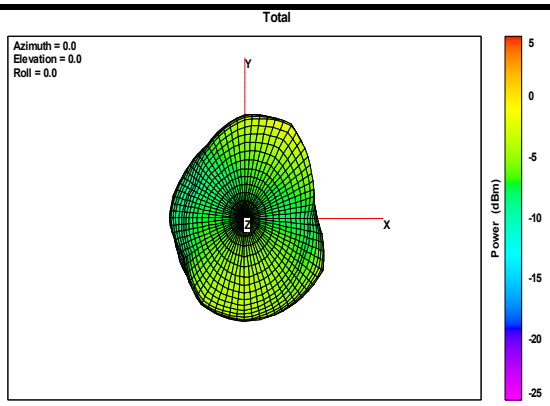
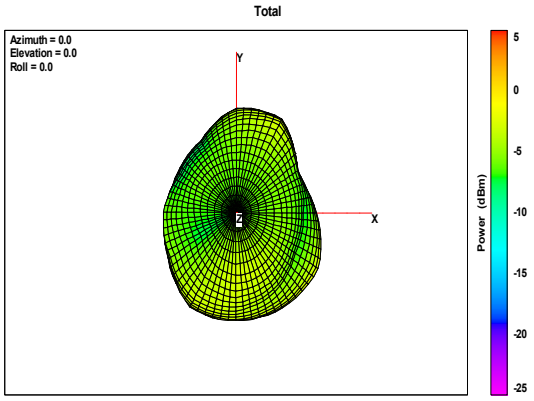
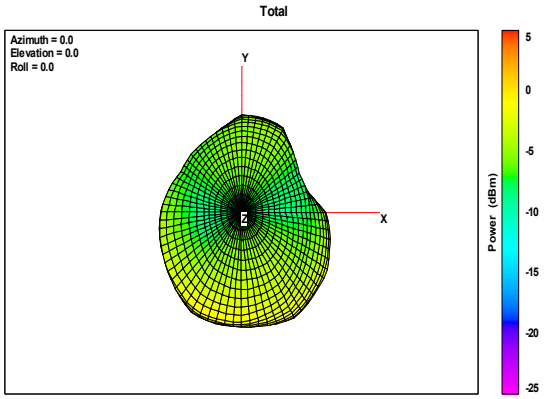


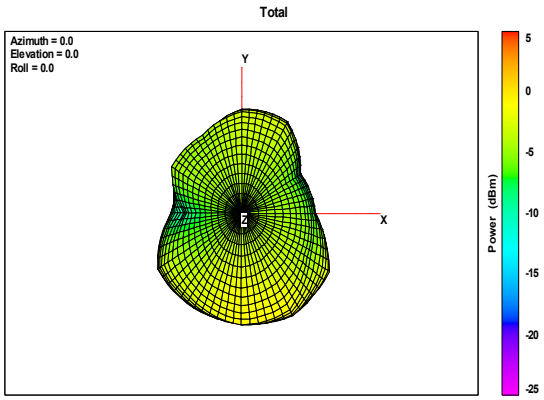
5300MHZ



5500MHZ



5800MHZ



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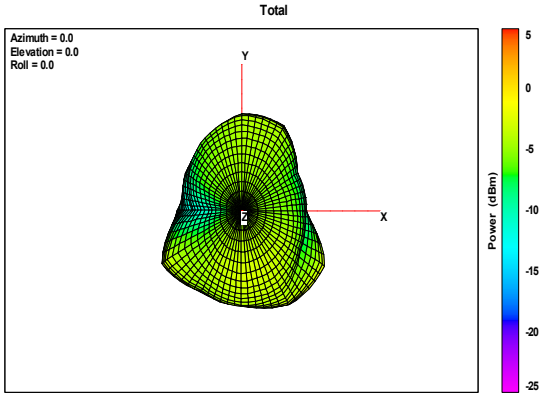
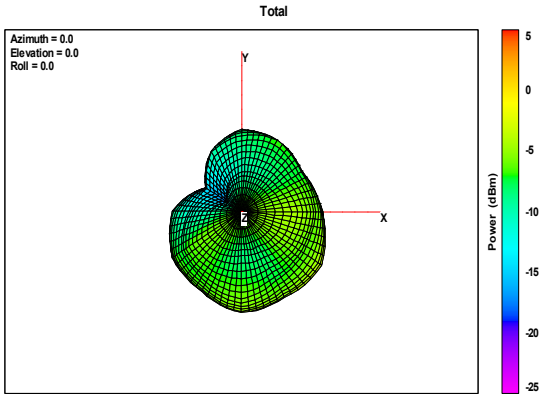
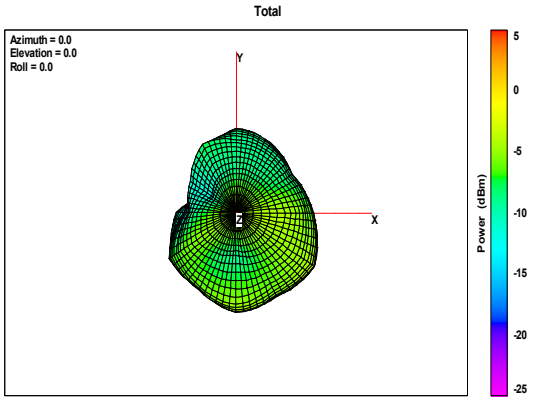
5925MHZ



6225MHZ



6425MHZ



6725MHZ

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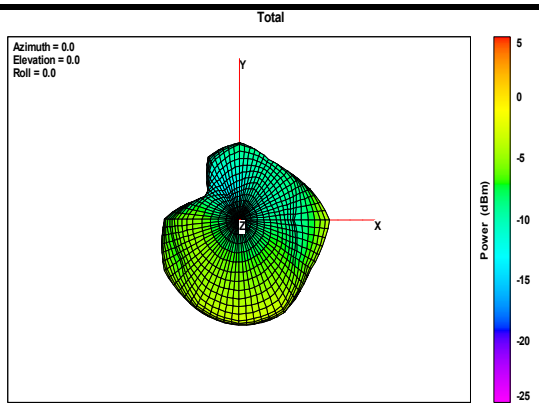
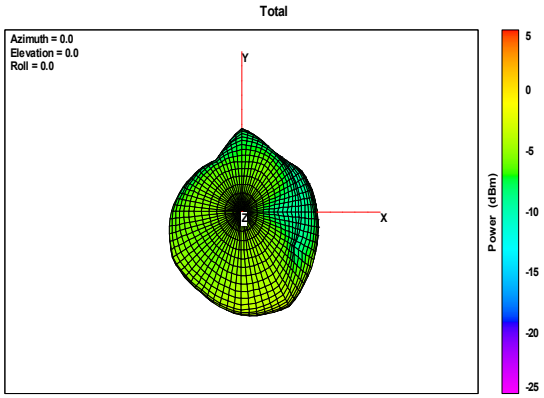


7025MHZ



A9 antenna peak Gain（dBi）

Frequency Range	WIFI(2.4G)(2400-2500MHZ)
Antenna type	IFA
Peak Gain(dBi)	-0.4

2450MHZ

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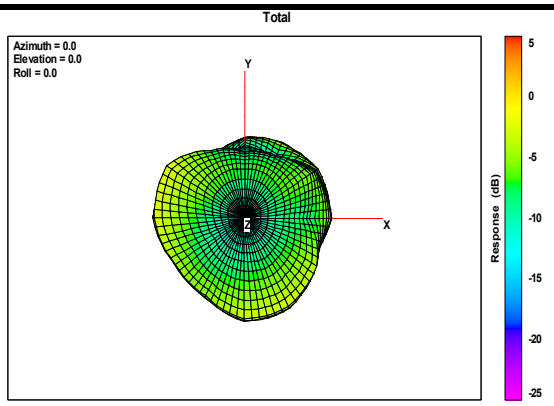

A10 antenna peak Gain（dBi）

Frequency Range	WIFI(5G/6e) (5150-7125MHZ)
Antenna type	Monopole

Band	Peak Gain(dBi)
WIFI 5G(5150~5250MHz)	-0.65
WIFI 5G(5250~5350MHz)	-0.34
WIFI 5G(5470~5725MHz)	-1.15
WIFI 5G(5725~5850MHz)	-0.32
WIFI 6e(5850~5925MHz)	-1.16
WIFI 6e(5925~6425MHz)	-0.85
WIFI 6e(6425~6525MHz)	-2.44
WIFI 6e(6525~6875MHz)	0.16
WIFI 6e(6875~7125MHz)	1.66

5200MHZ

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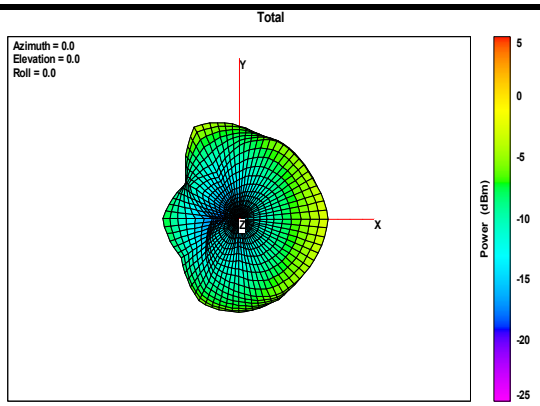
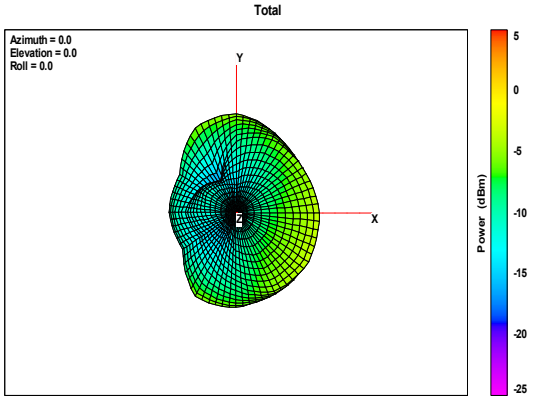
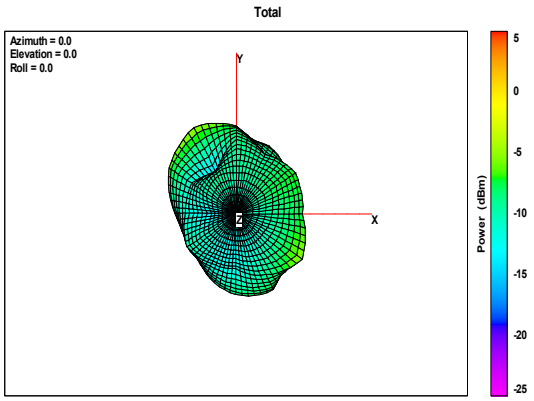


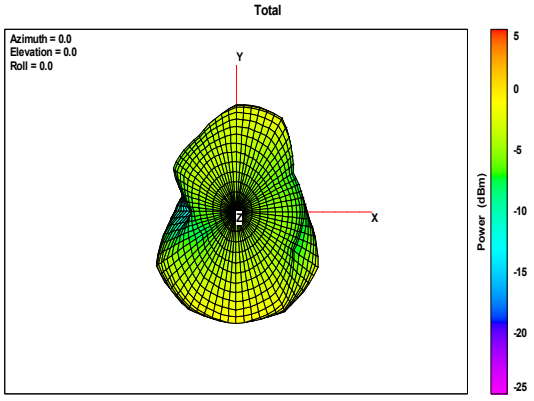
5300MHZ



5500MHZ



5850MHZ



5925MHZ

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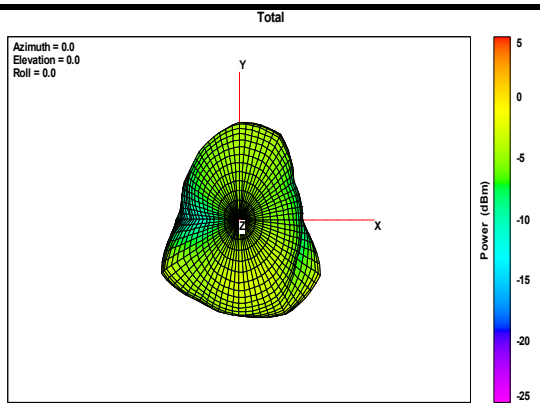
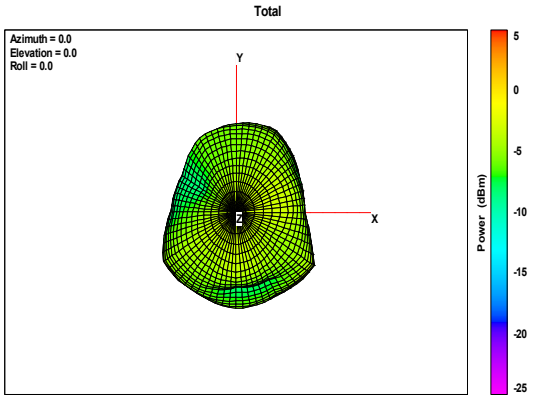
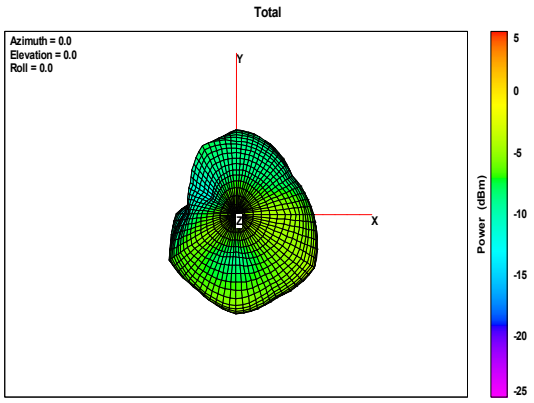


6225MHZ



6425MHZ



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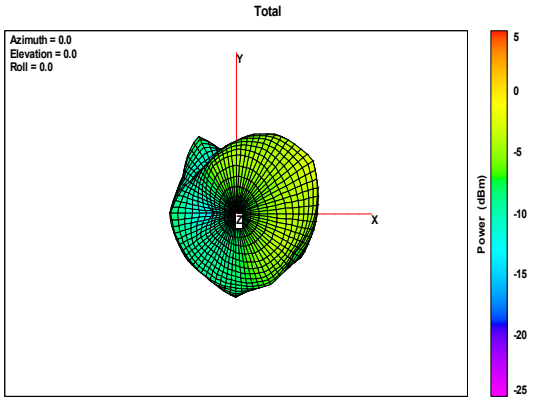

7005MHz

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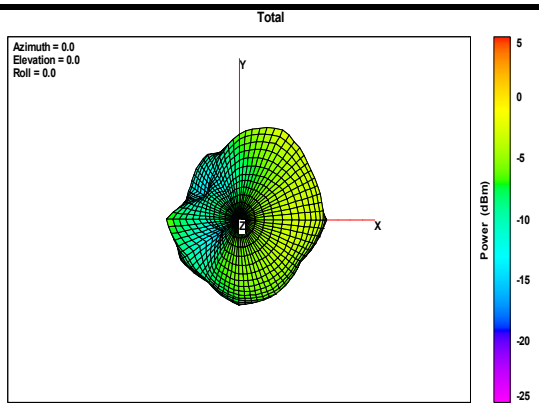

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A11，NFC

Type	Dimension(mm)
Loop	54*48

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Test Environment, list of calibrated test equipment

Test Environment: E5071C

Test Environment: Temperature 18-23 ˚c Celsius humidity 40%-70%

Last Calibration date:	2024/03/01
Due Calibration date:	2024/12/31
Next Calibration date:	2024/12/01

ETS-LINDGREN

Test Environment: Temperature 18-23 ˚c Celsius humidity 40%-70%

Last Calibration date:	2024/03/01
Due Calibration date:	2024/12/31
Next Calibration date:	2024/12/01

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