



Zebra Technologies Corporation

SPECIFICATION

Antenna Manufacturer Name	T2Mobile Limited
Address	6F Building C, No.232 Liangjing Road, Zhangjiang High-tech Park, Shanghai 201203, China
ODM P/N:	BQA3B50A1FC0 ANT7 and ANT8 BQA3B50A1AC0 ANT6 F-0W-A0-1512-000-K0 NFC
Test DATE	2025.09.05
DATASHEET REVISION	V1.0

Test Software: GTS Maxsign-RayZone2800E_Z



Kun.Liu

Test Engineer: Kun.Liu



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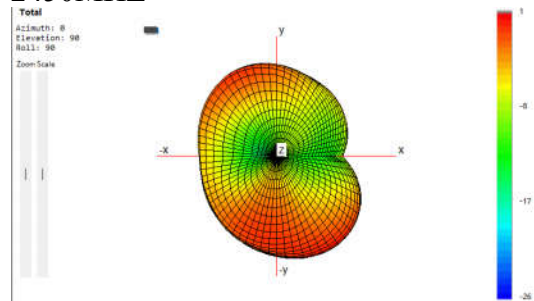
Description of Antenna

A6 antenna peak Gain (dBi)

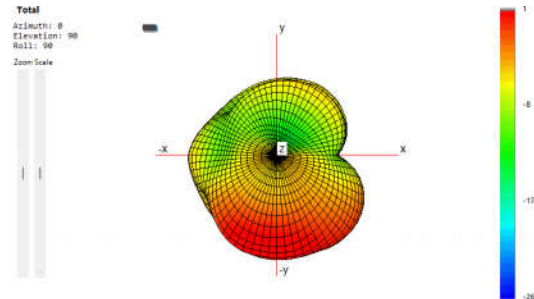
Frequency Range	BT/WIFI(2.4G) (2400-2500MHZ) WIFI(5G/6e) (5150-7125MHZ)
Antenna type	IFA

Band	Peak Gain(dBi)
WIFI 2.4G(2400~2500MHz)	0.72
WIFI 5G(5150~5250MHz)	1.01
WIFI 5G(5250~5350MHz)	1.6
WIFI 5G(5470~5725MHz)	0.8
WIFI 5G(5725~5850MHz)	-0.03
WIFI 6e(5850~5925MHz)	-0.24
WIFI 6e(5925~6425MHz)	-0.3
WIFI 6e(6425~6525MHz)	-0.41
WIFI 6e(6525~6875MHz)	0.54
WIFI 6e(6875~7125MHz)	-0.2

2450MHZ



5200MHZ

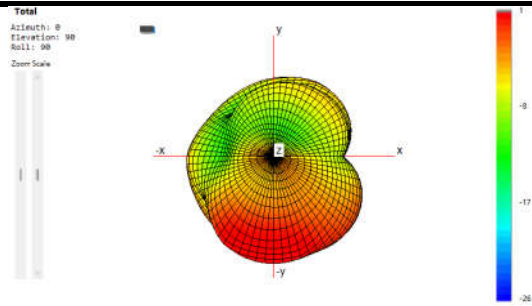


5300MHZ

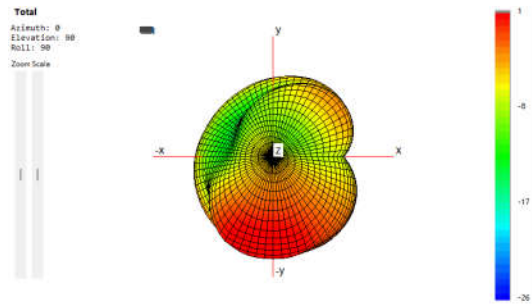


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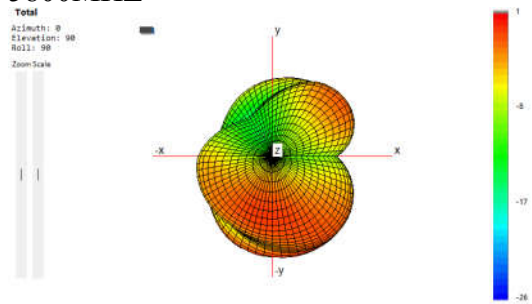
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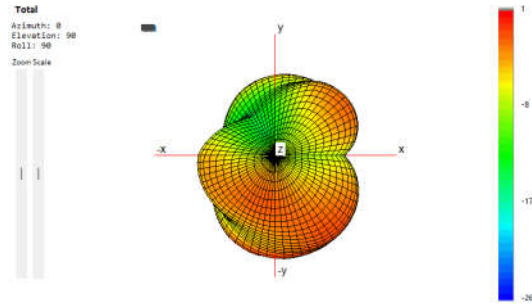
5500MHZ



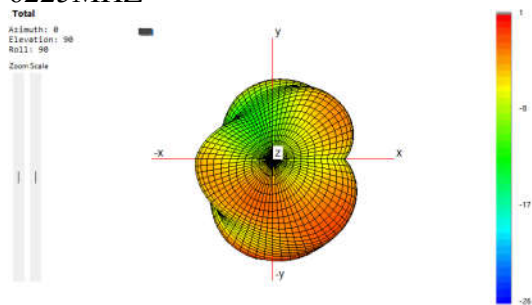
5800MHZ



5925MHZ



6225MHZ

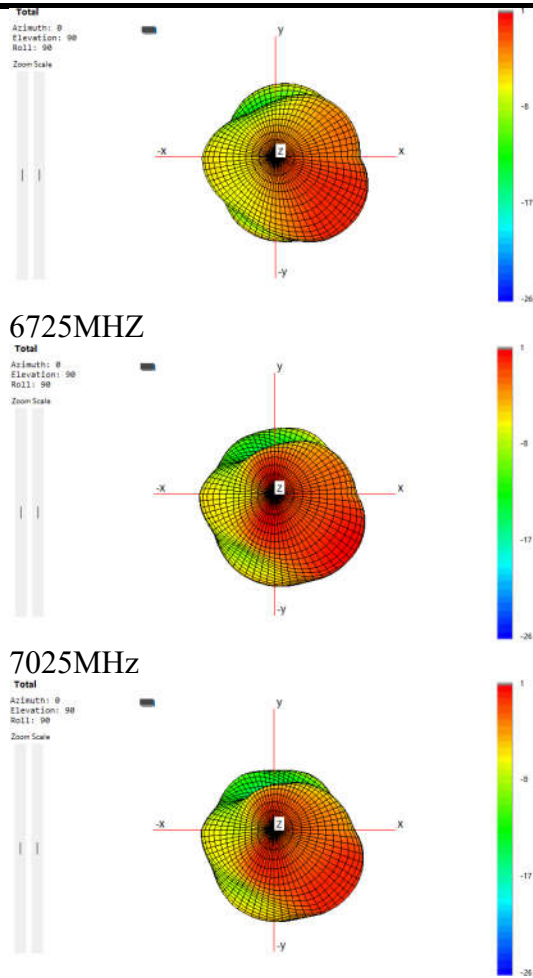


6425MHZ



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Description of Antenna

A7 antenna peak Gain (dBi)

Frequency Range	BT/WIFI(2.4G) (2400-2500MHZ) WIFI(5G/6e) (5150-7125MHZ)
Antenna type	IFA

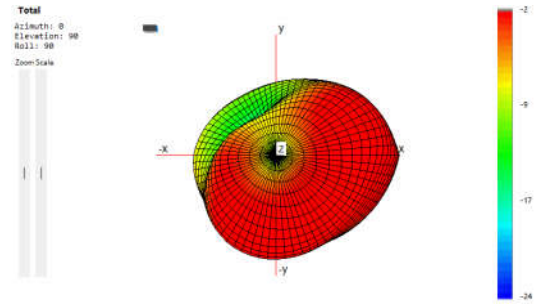
Band	Peak Gain(dBi)
WIFI 2.4G(2400~2500MHz)	1.01
WIFI 5G(5150~5250MHz)	1.72
WIFI 5G(5250~5350MHz)	1.01
WIFI 5G(5470~5725MHz)	0.36
WIFI 5G(5725~5850MHz)	-0.14
WIFI 6e(5850~5925MHz)	-0.3
WIFI 6e(5925~6425MHz)	1.01
WIFI 6e(6425~6525MHz)	0.02
WIFI 6e(6525~6875MHz)	0.23
WIFI 6e(6875~7125MHz)	0.01



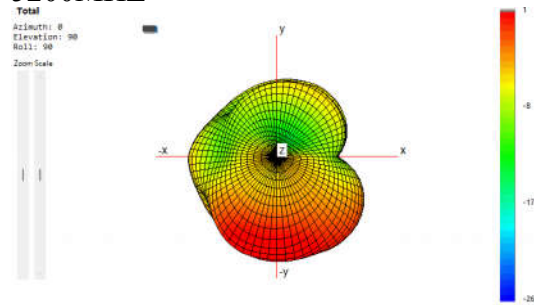
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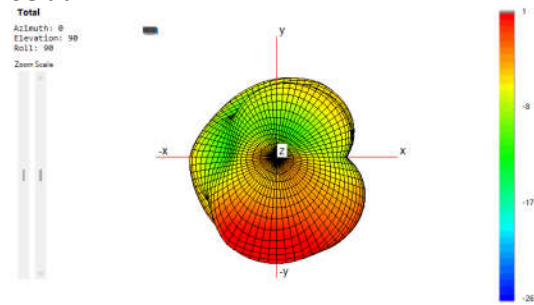
2450MHZ



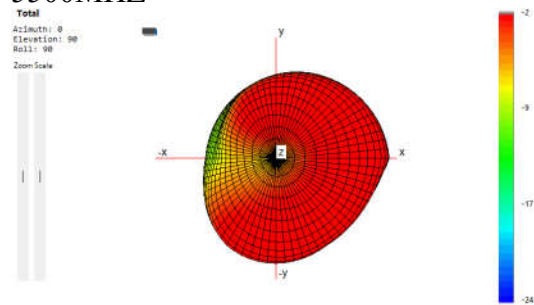
5200MHZ



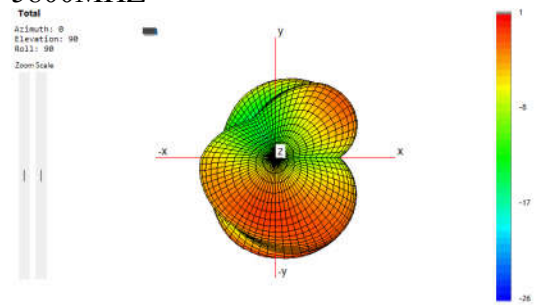
5300MHZ



5500MHZ



5800MHZ

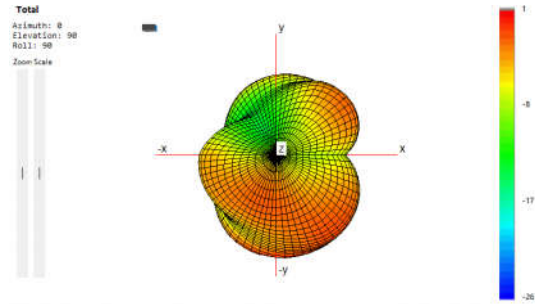




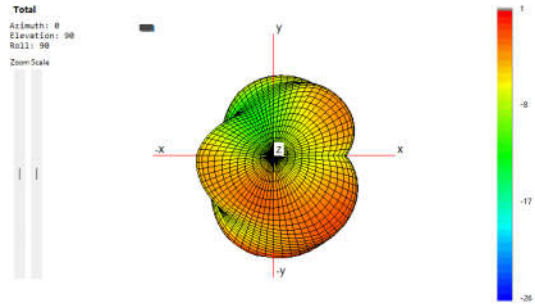
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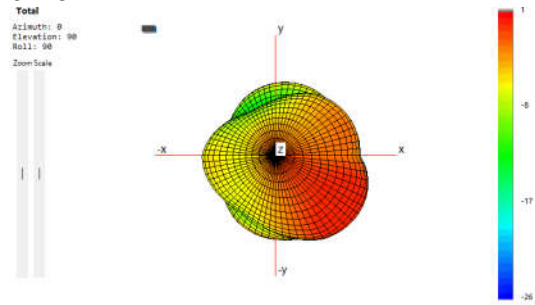
5925MHZ



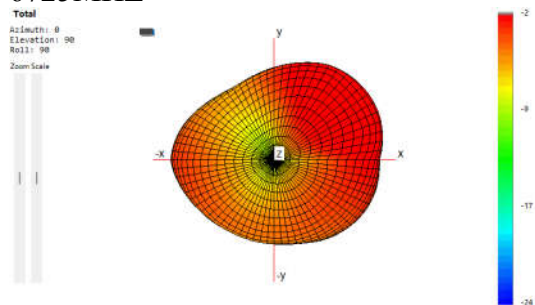
6225MHZ



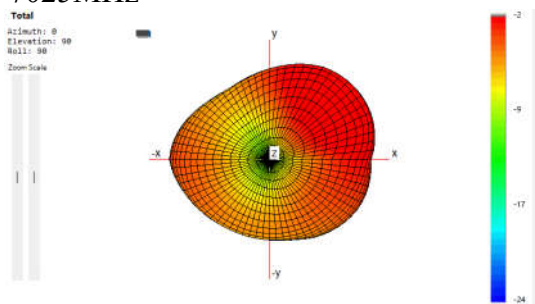
6425MHZ



6725MHZ



7025MHz

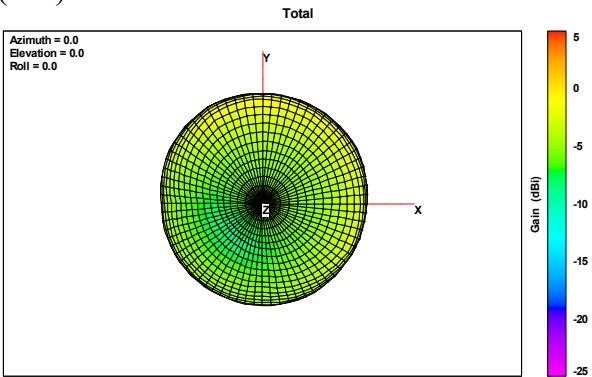




A8 antenna peak Gain (dBi), IFA

RFID Peak Gain (dBi)	
RFID	-0.27

(910)





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A11, NFC

Type	Dimension(mm)
Loop	Coil size: 68*68



Test Environment, list of calibrated test equipment

Test Environment: E5071C

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

Last Calibration date:	2024/09/29
Due Calibration date:	2025/09/29
Next Calibration date:	2025/09/29

ETS-LINDGREN

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

Last Calibration date:	2024/09/29
Due Calibration date:	2025/09/29
Next Calibration date:	2025/09/29