



Hisense

MWH702B
Antenna Test Report

2024.09.26

Hisense

	BT0
Antenna Type	Slot Antenna
Input impedance	50Ω
Frequency Band	2.4~2.5GHz
Return Loss	S11≤-5dB
Peak Gain	-1.83dBi
Efficiency	25%(Avg)

	BT1
Antenna Type	Slot Antenna
Input impedance	50Ω
Frequency Band	2.4~2.5GHz
Return Loss	S11≤-4dB
Peak Gain	-3.85dBi
Efficiency	25%(Avg)



BT1



BT0

BT0	CH	Gain/dBi	Efficiency/%
2.4G	L	-5.20	23
	M	-1.83	27
	H	-2.77	25

BT1	CH	Gain/dBi	Efficiency/%
2.4G	L	-6.09	25
	M	-3.85	28
	H	-4.34	24

ANT Directivity Pattern

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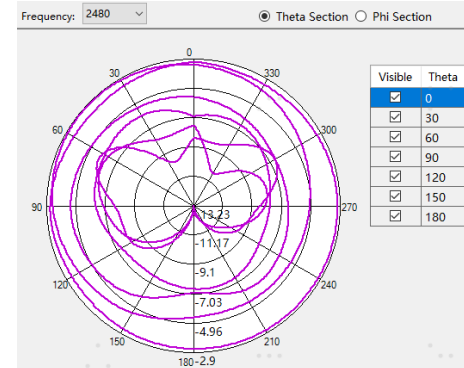
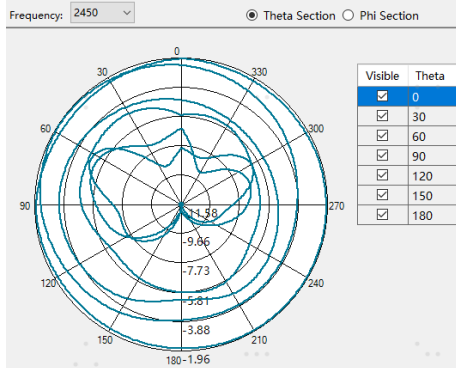
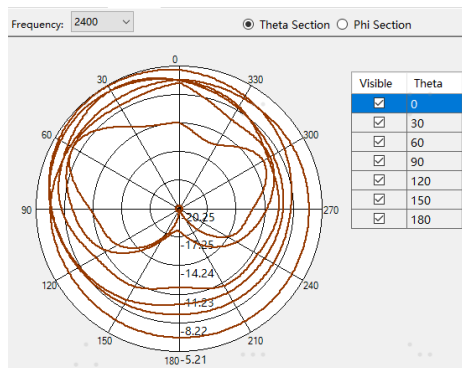
BT0 2.4G:

L Band

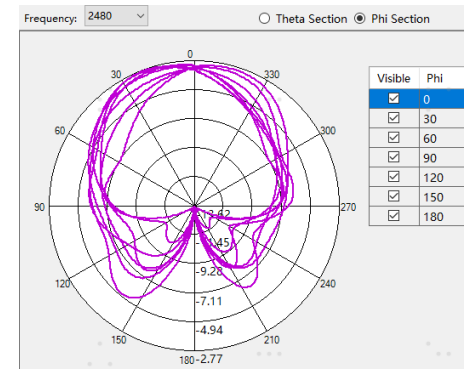
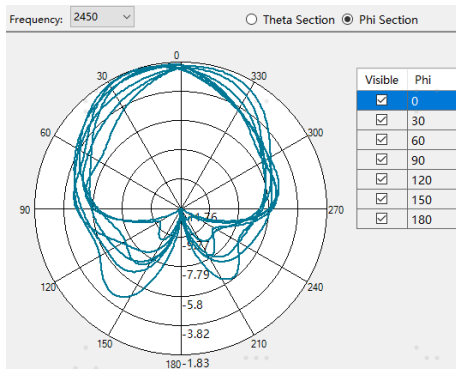
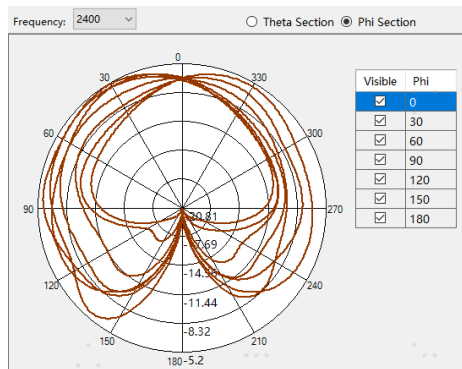
M Band

H Band

Theta
Section



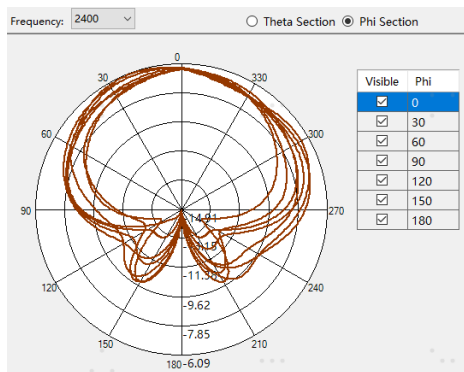
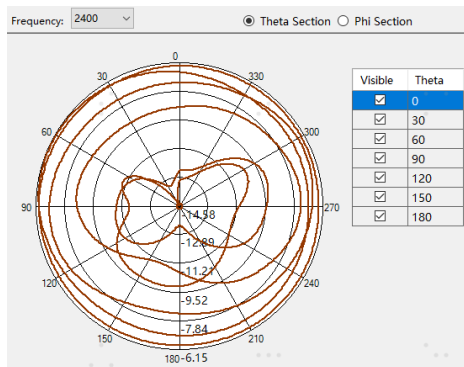
Phi
Section



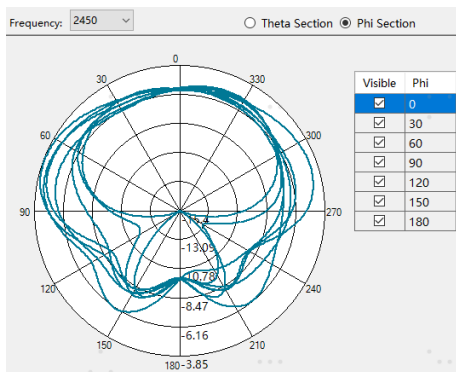
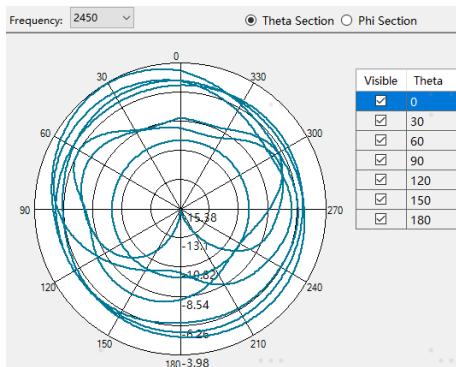
ANT Directivity Pattern

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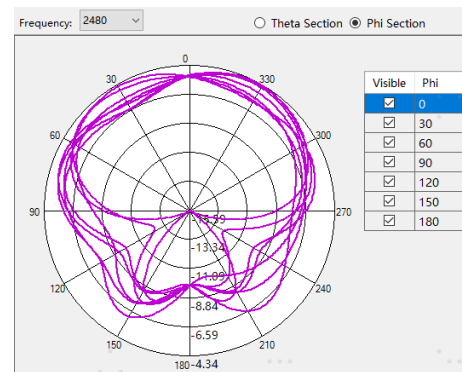
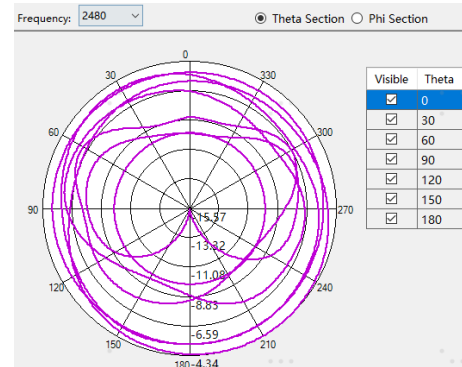
BT1 2.4G: L Band



M Band



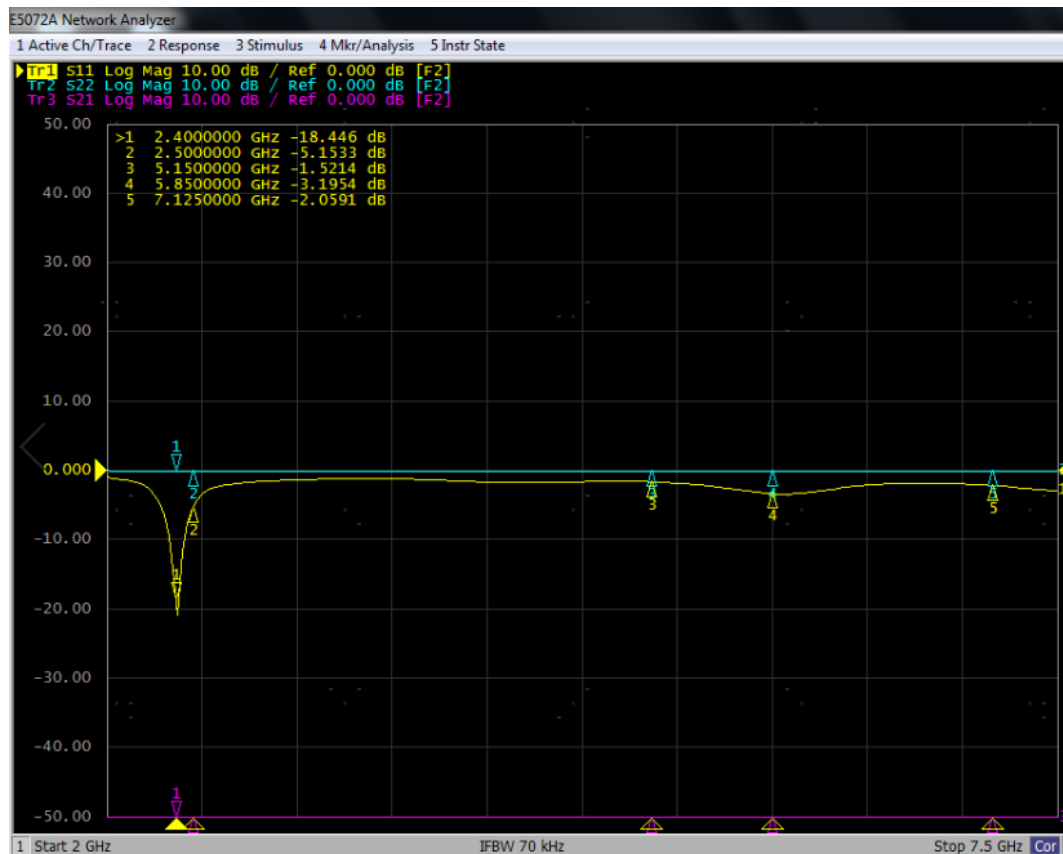
H Band



Theta
Section

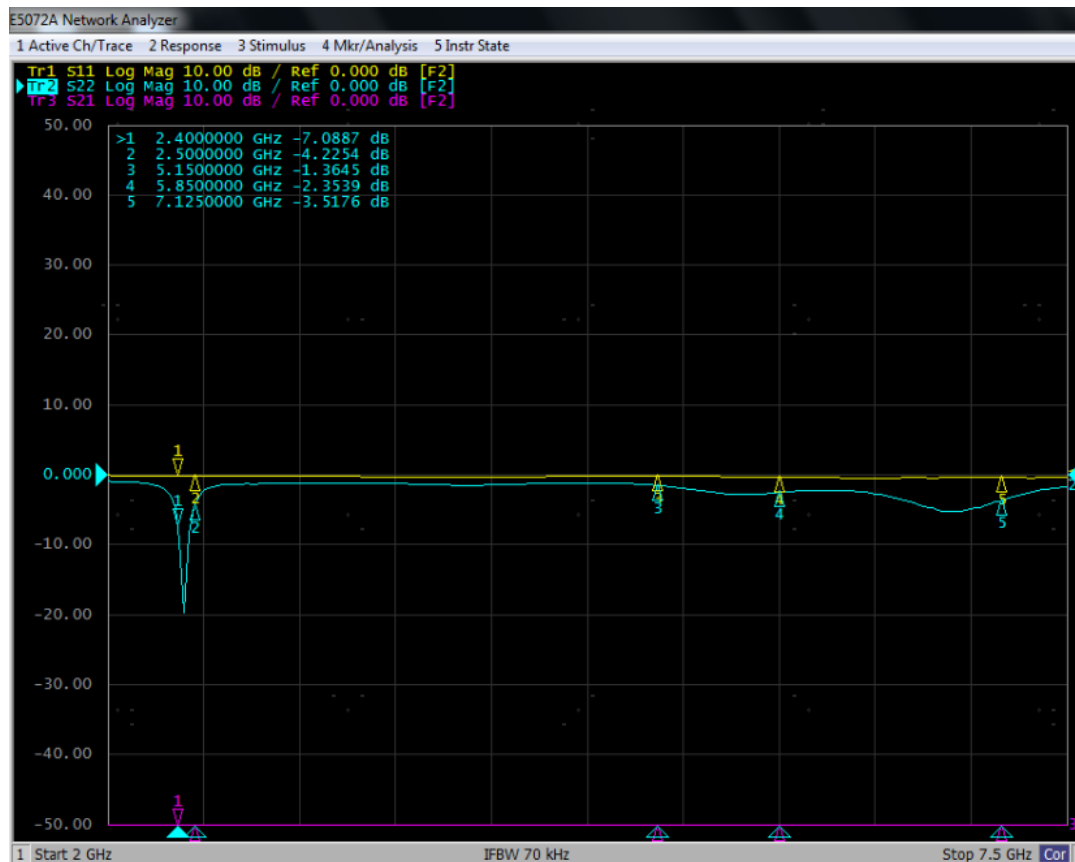
Phi
Section

BT0 Antenna
2.4-2.5GHz: S11 < -5dB



ANT Return Loss

BT1 Antenna
2.4-2.5GHz: $S_{11} < -4\text{dB}$



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