



ISO9001 & ISO14001 & TS16949 **CHILISIN ELECTRONICS CORP.**

RoHS & Halogen Free & REACH Compliance.

SPECIFICATION FOR APPROVAL

CUSTOMER : VINFAST

CUSTOMER P/N : EEP30005805

OUR DWG No : V01.002

QUANTITY : _____ **Pcs.** **DATE :** 2020/08/12

ITEM : BTMA0070302G4C1A02

SPECIFICATION

ACCEPTED BY:

COMPONENT ENGINEER	Pham Van Tuan	
ELECTRICAL ENGINEER	Pham Van Tuan	
MECHANICAL ENGINEER	Tran Van Tien	
APPROVED	Dinh Duc Hiep	
REJECTED		

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ISO9001 & ISO14001 & TS16949 CHILISIN ELECTRONICS CORP.

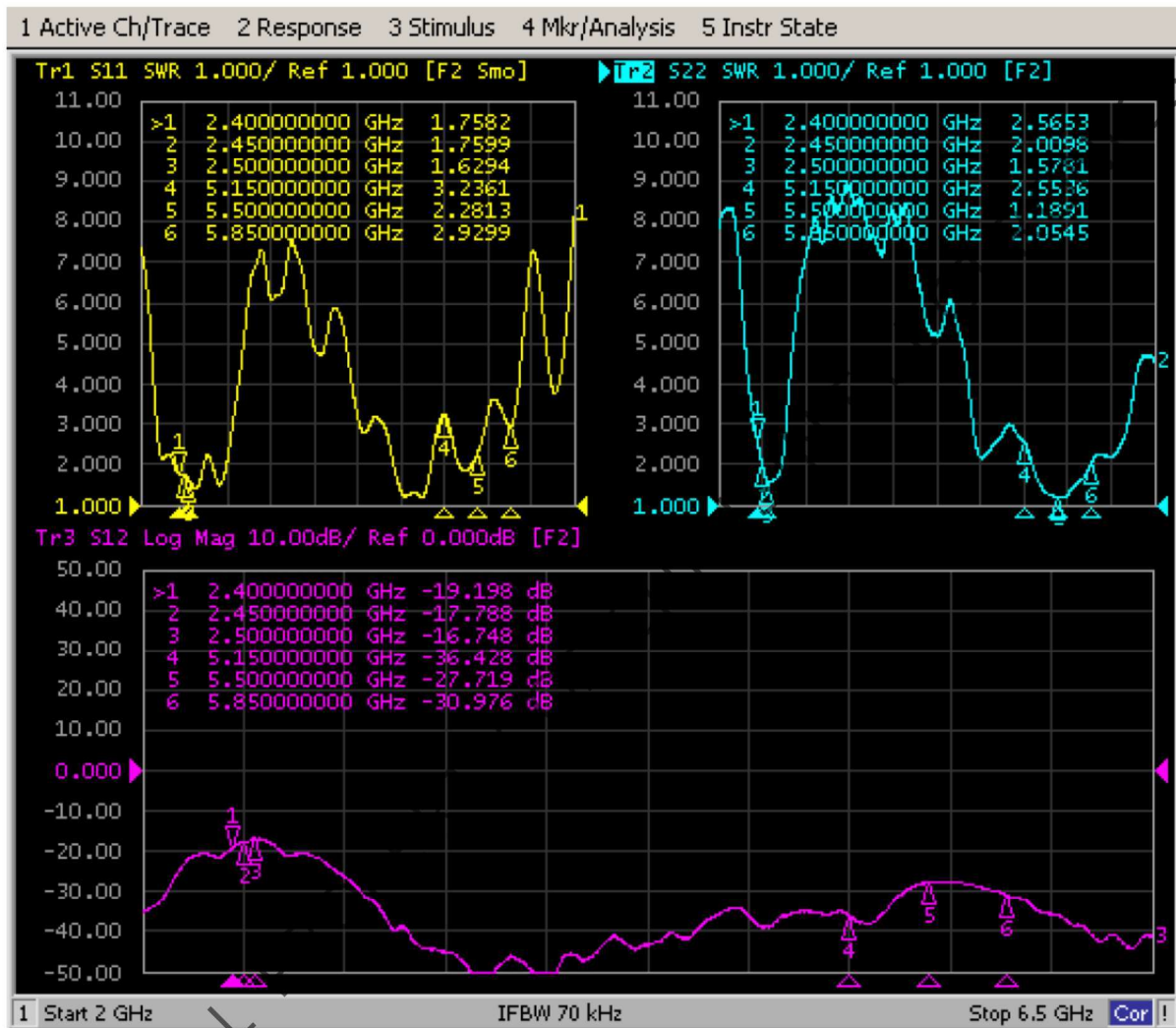
ELECTRICAL CHARACTERISTICS

P/NO: BTMA0070302G4C1A02

S-Parameter One Single Metal Cover

Ant2. S11

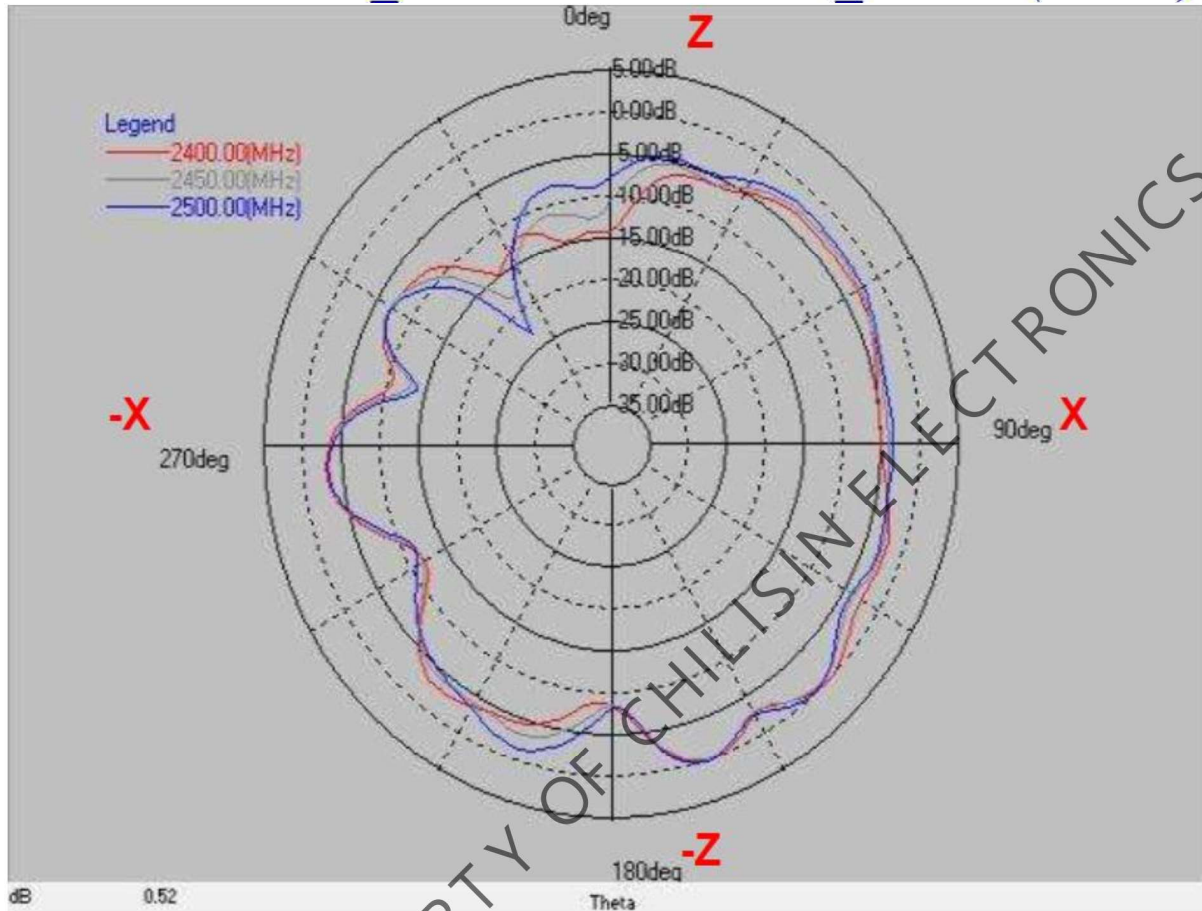
Ant1. S22





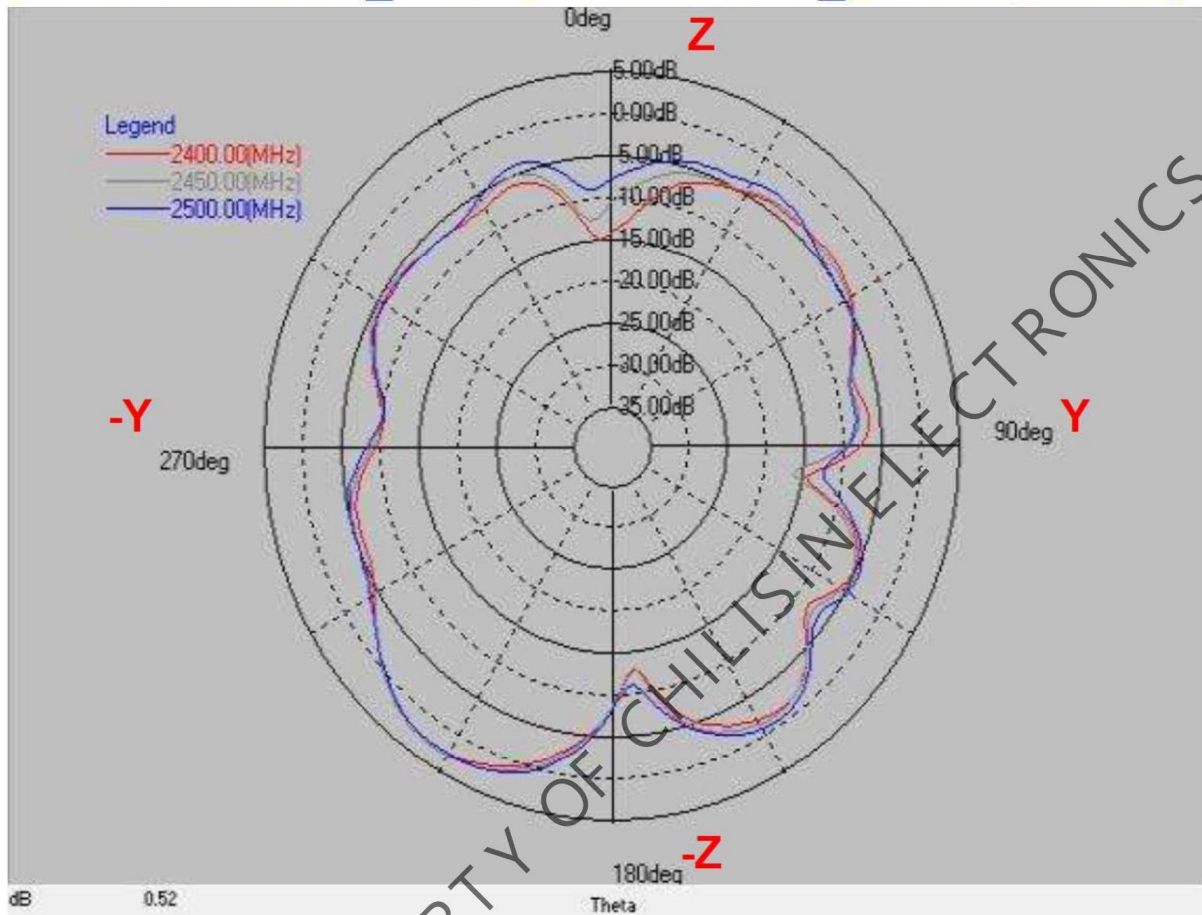
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2D Gain Pattern_WiFi-2G1 Antenna_ZX Cut(Phi=0)



Layer	Max value	Min value	Average
2400(MHz)	0.03 dB	-15.07 dB	-4.72 dB
2450(MHz)	-0.31 dB	-18.45 dB	-4.74 dB
2500(MHz)	-0.02 dB	-23.34 dB	-4.34 dB

2D Gain Pattern_WiFi-2G1 Antenna_ZY Cut(Phi=90)

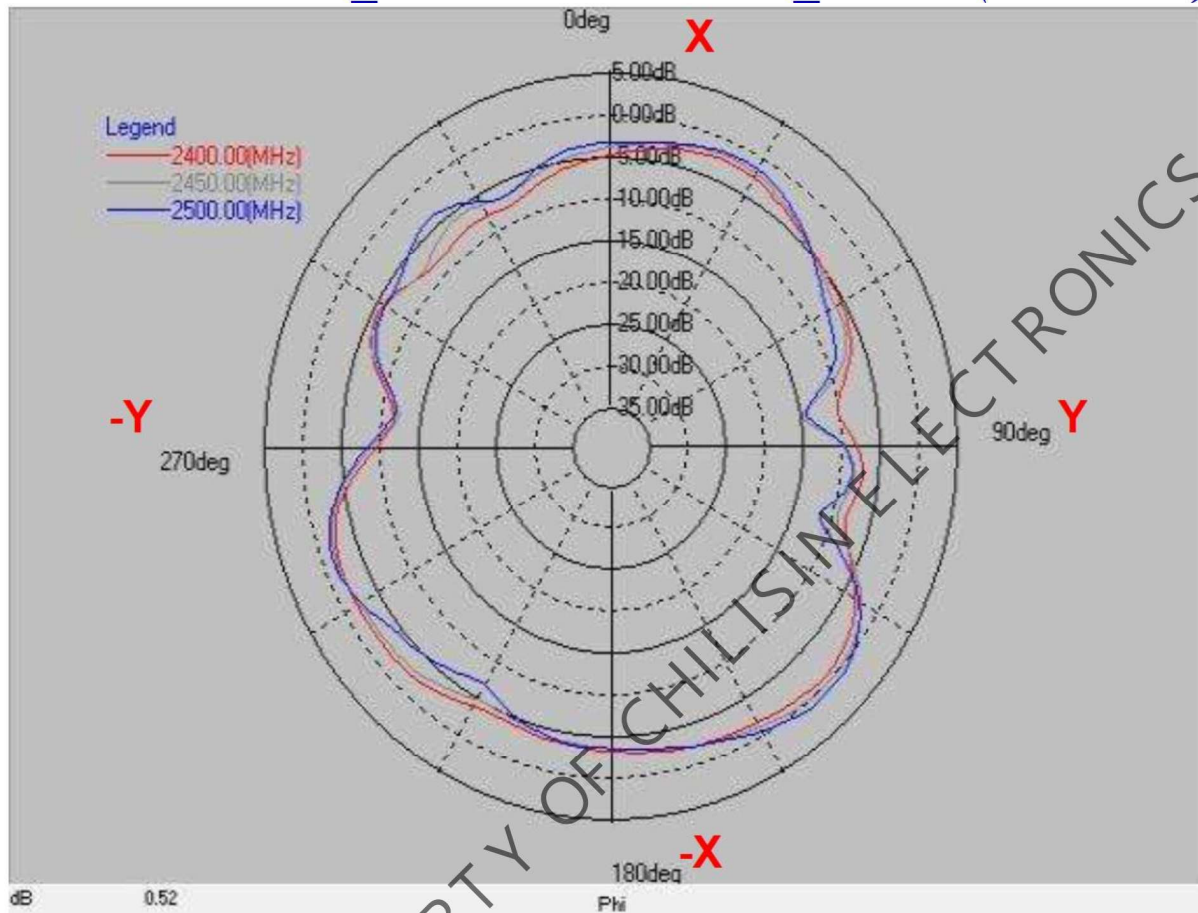


Layer	Max value	Min value	Average
2400(MHz)	2.53 dB	-15.19 dB	-4.32 dB
2450(MHz)	2.84 dB	-16.24 dB	-4.04 dB
2500(MHz)	2.50 dB	-12.46 dB	-3.76 dB



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2D Gain Pattern_WiFi-2G1 Antenna_XY Cut(Theta=90)

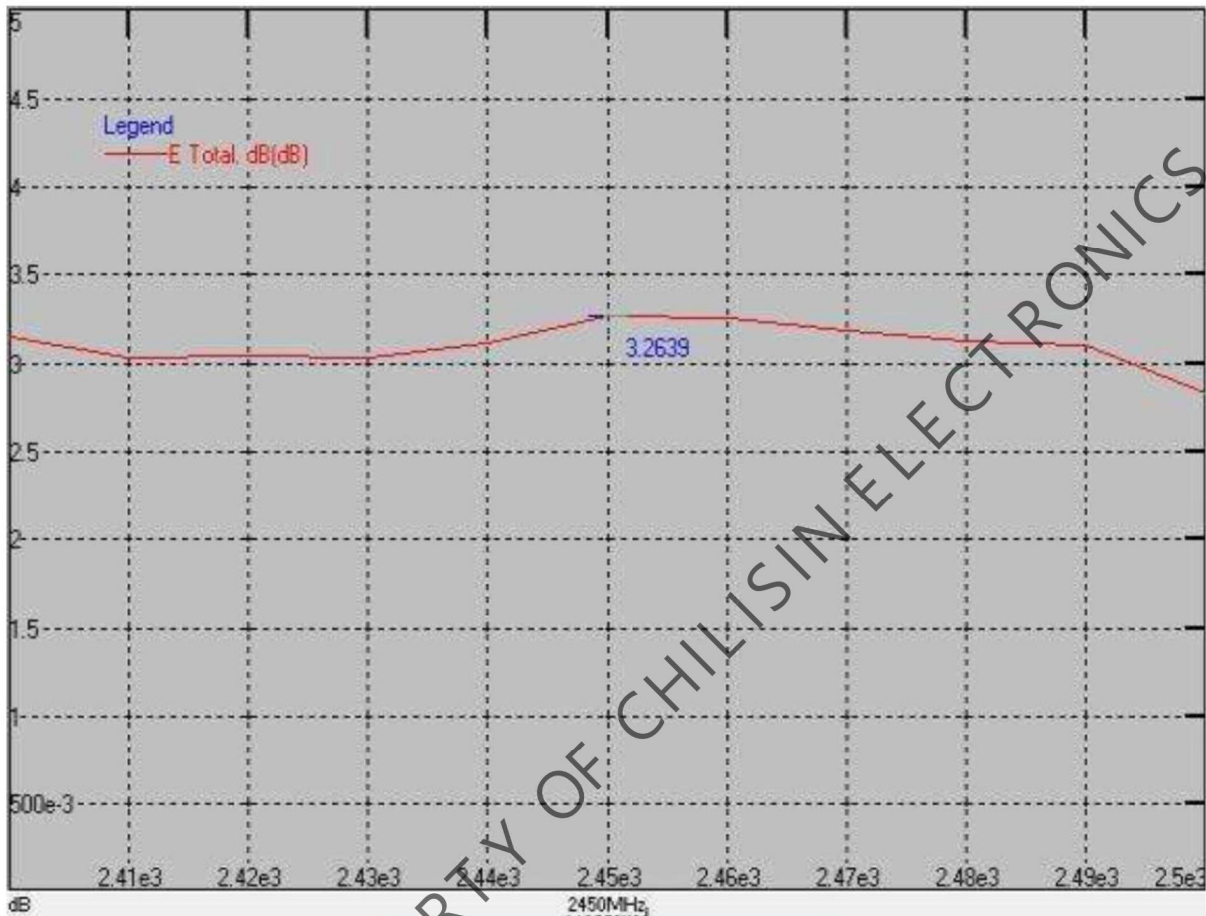


Layer	Max value	Min value	Average
2400(MHz)	-0.88 dB	-11.59 dB	-4.30 dB
2450(MHz)	0.00 dB	-14.77 dB	-4.12 dB
2500(MHz)	0.80 dB	-14.33 dB	-3.99 dB



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3D Peak Gain _WiFi_2G1_Antenna



Frequency(MHz)	Peak Gain(dBi)
2400	3.148
2410	3.032
2420	3.041
2430	3.029
2440	3.111
2450	3.264
2460	3.257
2470	3.181
2480	3.131
2490	3.100
2500	2.828