

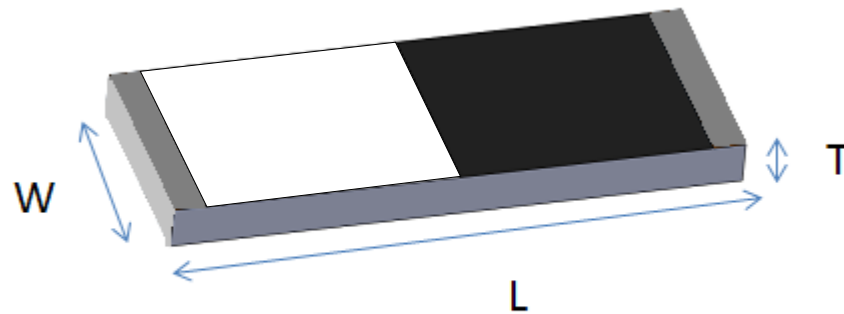
Antenna Specification

Customer	Aispeech
Agent	JuHeng
Project name	M4 Conference Speakerphone
Model. IC	AC6966B
Model. ANT	WAN3216F245C04
Feeding mode	PIFA & Single Feeding
Manufacturer	Onewave

Fanson 2022/09/29

3216 Chip antenna

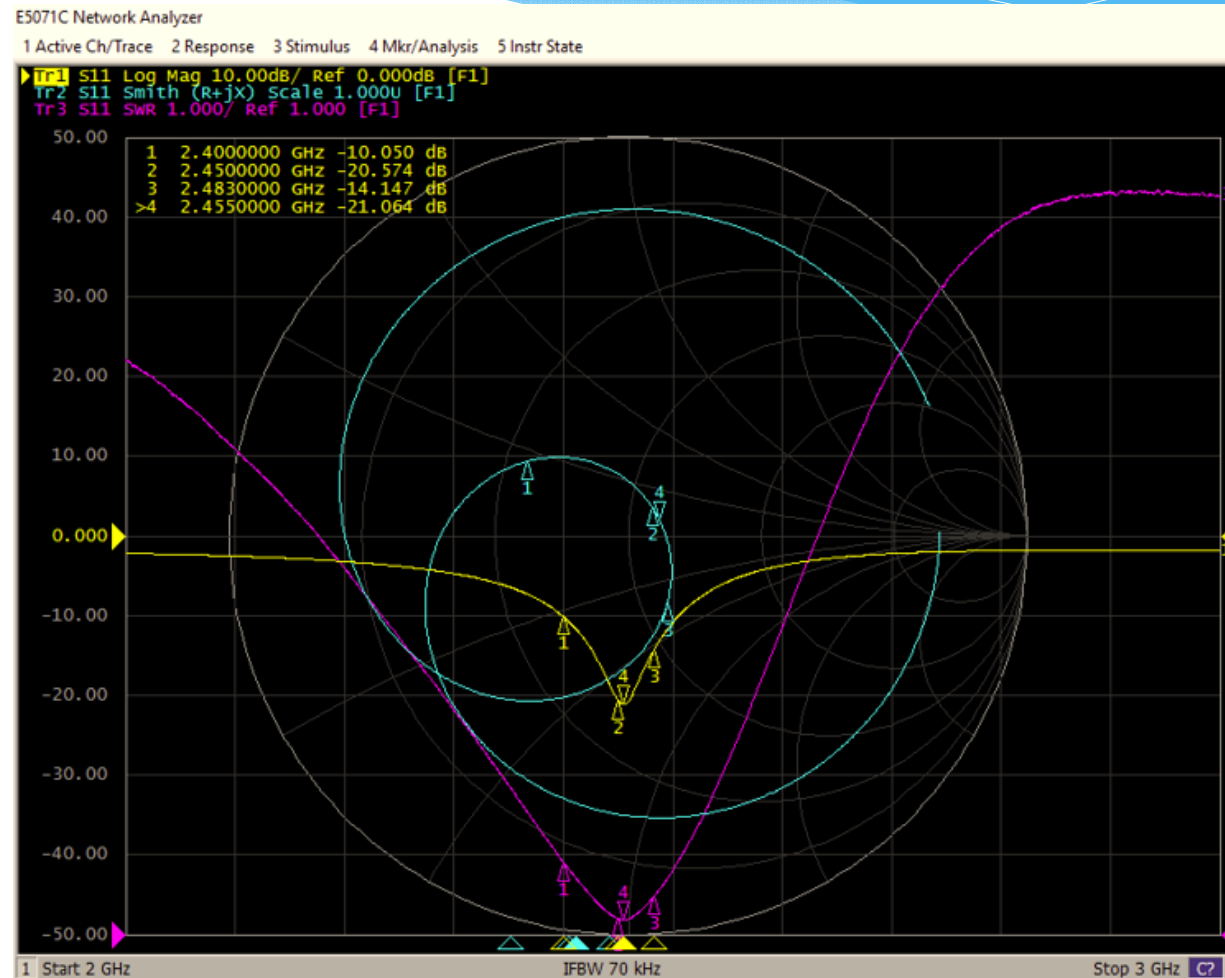
For Bluetooth / WLAN Applications



P/N: WAN3216F245C04

	Dimension (mm)
L	3.23 ± 0.20
W	1.66 ± 0.20
T	0.45 ± 0.20

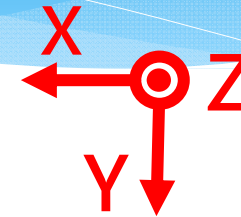
Ant. S11 Parameter



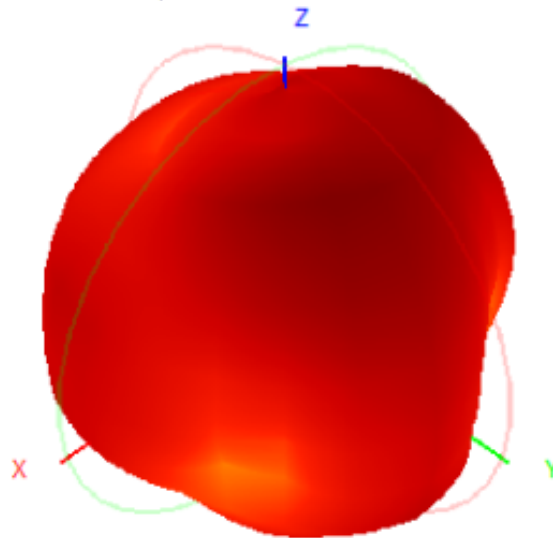
Fre.(MHz)	2400	2450	2483
S11(dB)	-10.0	-20.5	-14.1

Ant. Gain Pattern @2.45GHz-3D

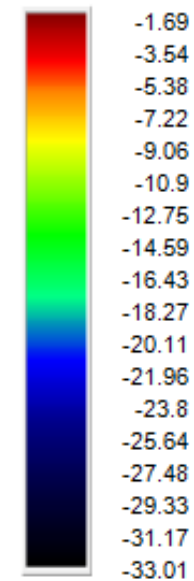
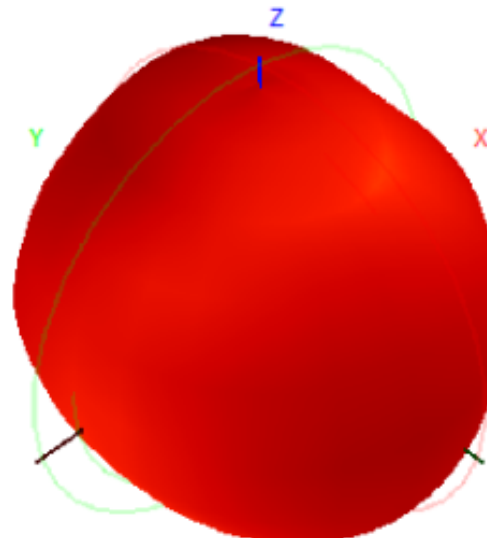
- Passive Test (free space)



2450.0MHz H+V, Eff: 29.3%



Back View



Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Gain (dBi)	-1.64	-1.47	-1.43	-1.50	-1.61	-1.69	-1.85	-2.13	-2.41	-2.66	-2.96
Efficiency (%)	28.56	29.83	30.66	30.46	29.84	29.33	28.12	26.05	24.44	23.00	21.50