

Antenna test report

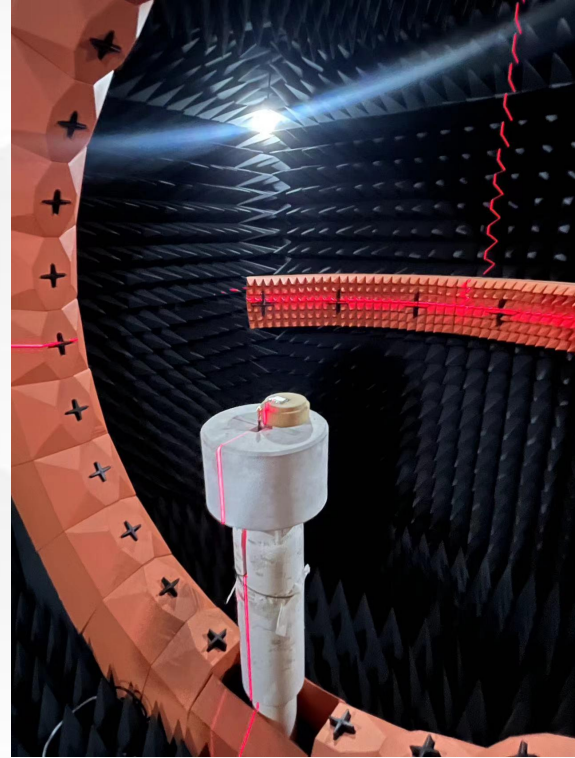
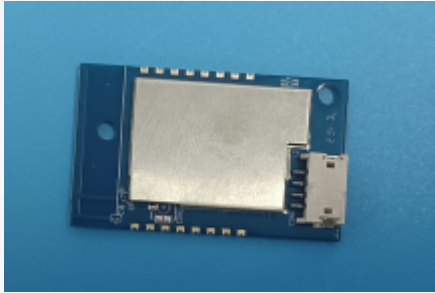
Test Report

客 户: 创凌
项目名: TI7100CB1
射 频: 俸仕达
日 期: 2023-8-28
版 本: V01

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Test samples and environment



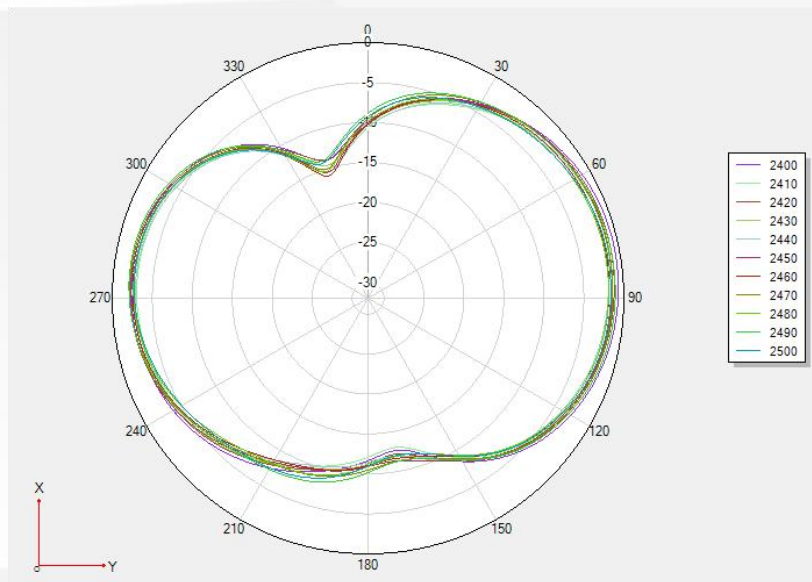
Laboratory testing environment and equipment



Test items	Test Equipment
S11、S12 、 VSWR 、 LOSS	网络分析仪E5071C、 ZVB8
Efficiency、 Gain 3D Radiation Pattern	SG24暗室、 E5071C
TRP、 TIS	SG24暗室、 CMW500、 ZVB8

Horizontal

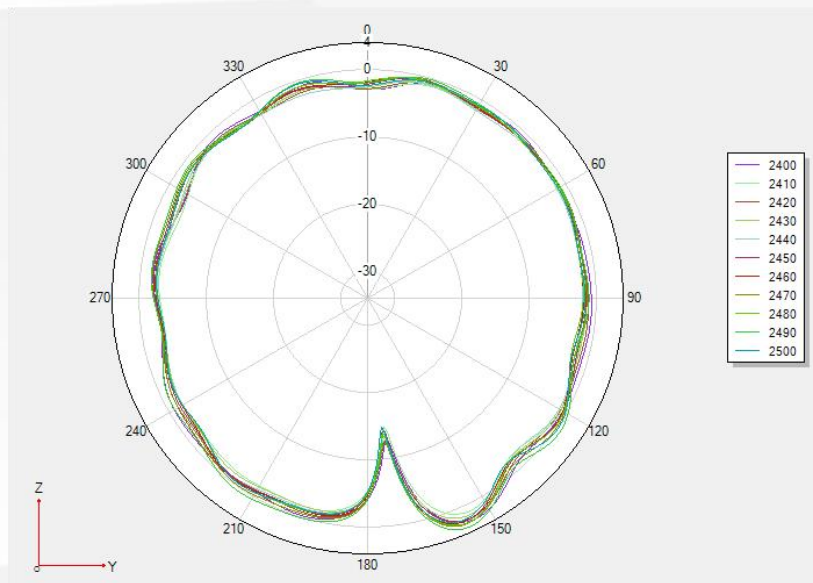
Gain(dB)



Frequency	AvgValue	MaxValue	MinValue
2400	-1.29	2.46	-12.78
2410	-2.05	1.05	-14.73
2420	-1.58	2.11	-12.75
2430	-1.8	1.54	-12.91
2440	-1.9	2.24	-13.25
2450	-1.57	2.08	-14.12
2460	-1.61	2.15	-13.61
2470	-1.31	2.61	-12.45
2480	-1.6	2.52	-13.83
2490	-0.95	3.18	-13.52
2500	-1.63	1.91	-14.83

Vertical

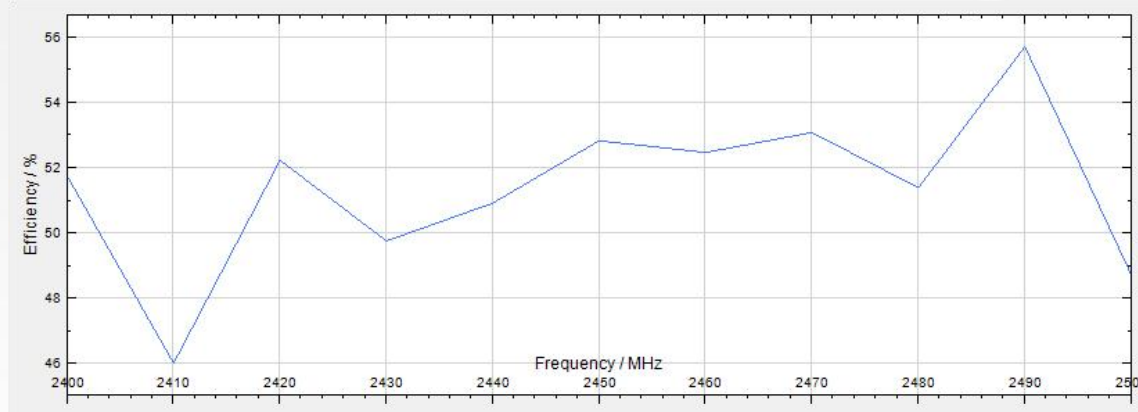
Gain(dB)



Frequency	AvgValue	MaxValue	MinValue
2400	-1.29	2.46	-12.78
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Efficiency

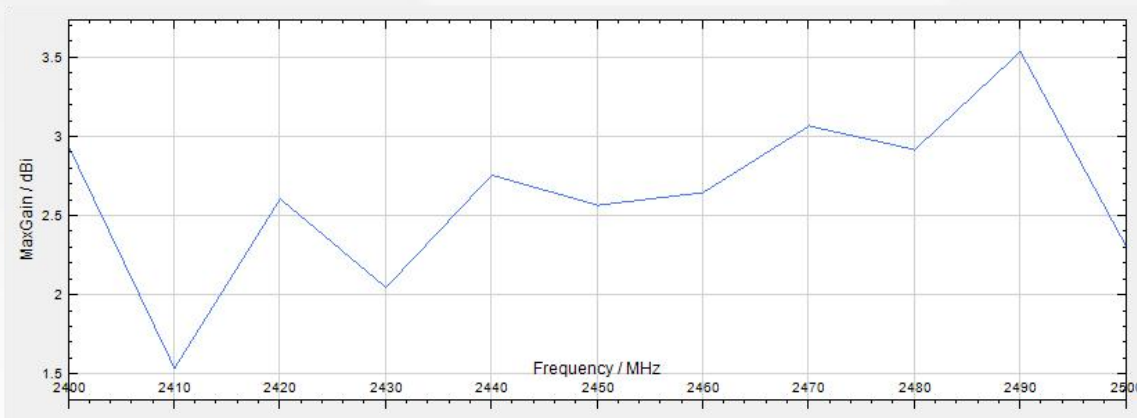
Efficiency%



Frequency/Mhz	Efficiency / %
2400	51.76
2410	46.03
2420	52.24
2430	49.77
2440	50.93
2450	52.84
2460	52.48
2470	53.09
2480	51.4
2490	55.72
2500	48.75

Gain

Gain(dBi)



Frequenc y/MHz	MaxGain/ dBi
2400	2.94
2410	1.54
2420	2.61
2430	2.05
2440	2.76
2450	2.57
2460	2.65
2470	3.07
2480	2.92
2490	3.54
2500	2.31