

SPECIFICATION

TCM3902-i

Bluetooth 4.1 Class2 Module
RF&BB

TCM3902-i_SPECIFICATION_V1.0

Rev. 1.0

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Telechips

7 Internal Pattern Antenna Specification

7.1 Antenna Gain

Table 7.1 Antenna Gain

Frequency	Efficiency	Average Gain	Max Gain	Max Position
2400MHz	30.3 %	-5.2 dBi	-0.5 dBi	Theta105/Pie60
2425MHz	37.2 %	-4.3 dBi	0.5 dBi	Theta105/Pie60
2445MHz	34.8 %	-4.6 dBi	0.5 dBi	Theta105/Pie60
2465MHz	32.5 %	-4.9 dBi	0.1 dBi	Theta105/Pie60
2485MHz	26.4 %	-5.8 dBi	-1.0 dBi	Theta105/Pie60

7.2 Antenna 3D Radiation Pattern

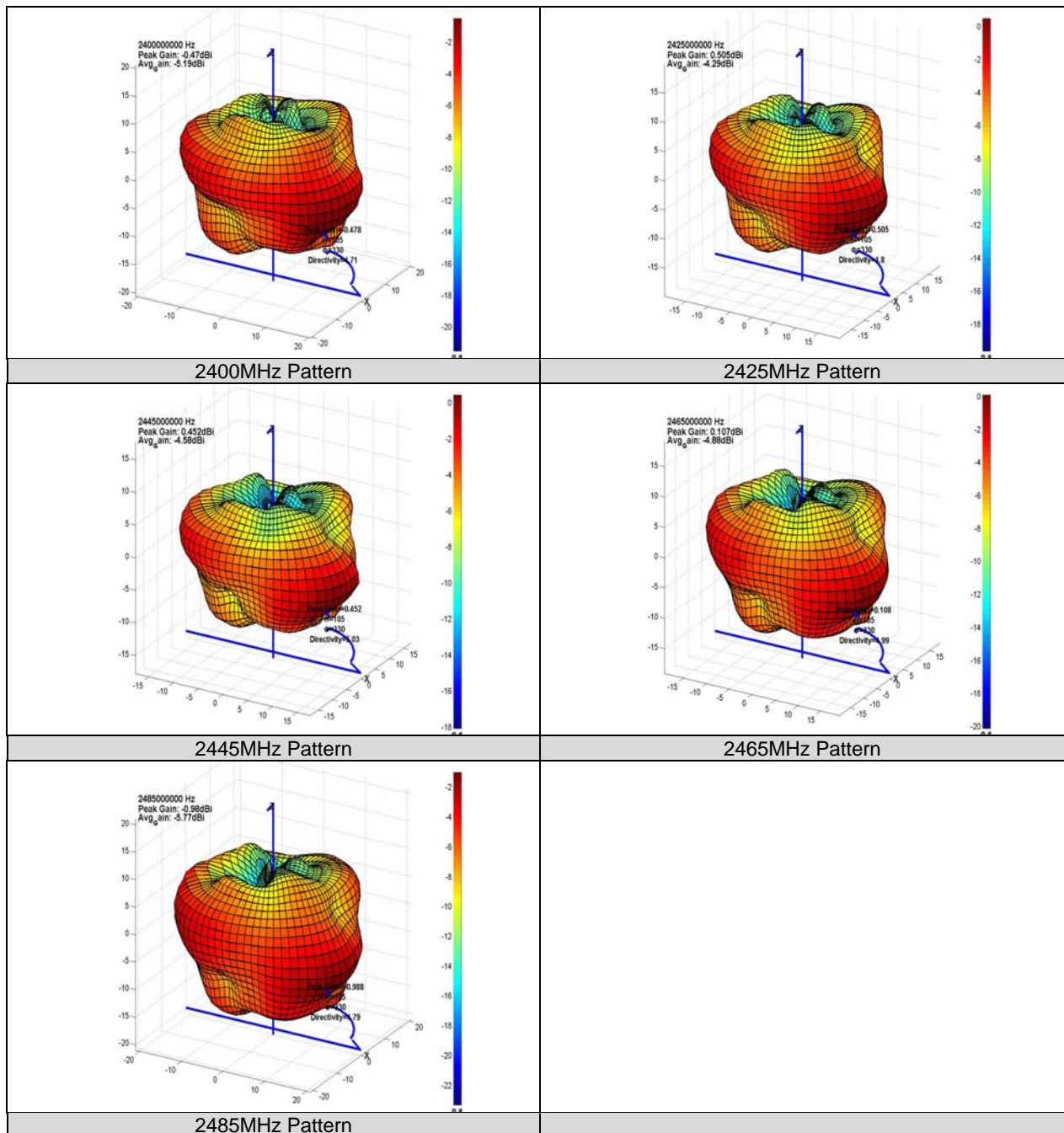


Figure 7.1 3D Radiation Pattern