

FWM7BLZ23

Antenna Characteristic

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Fujitsu Component Ltd.



Peak Gain

◆ FWM7BLZ23

◆ Antenna Mono-pole antenna

◆ Peak Gain

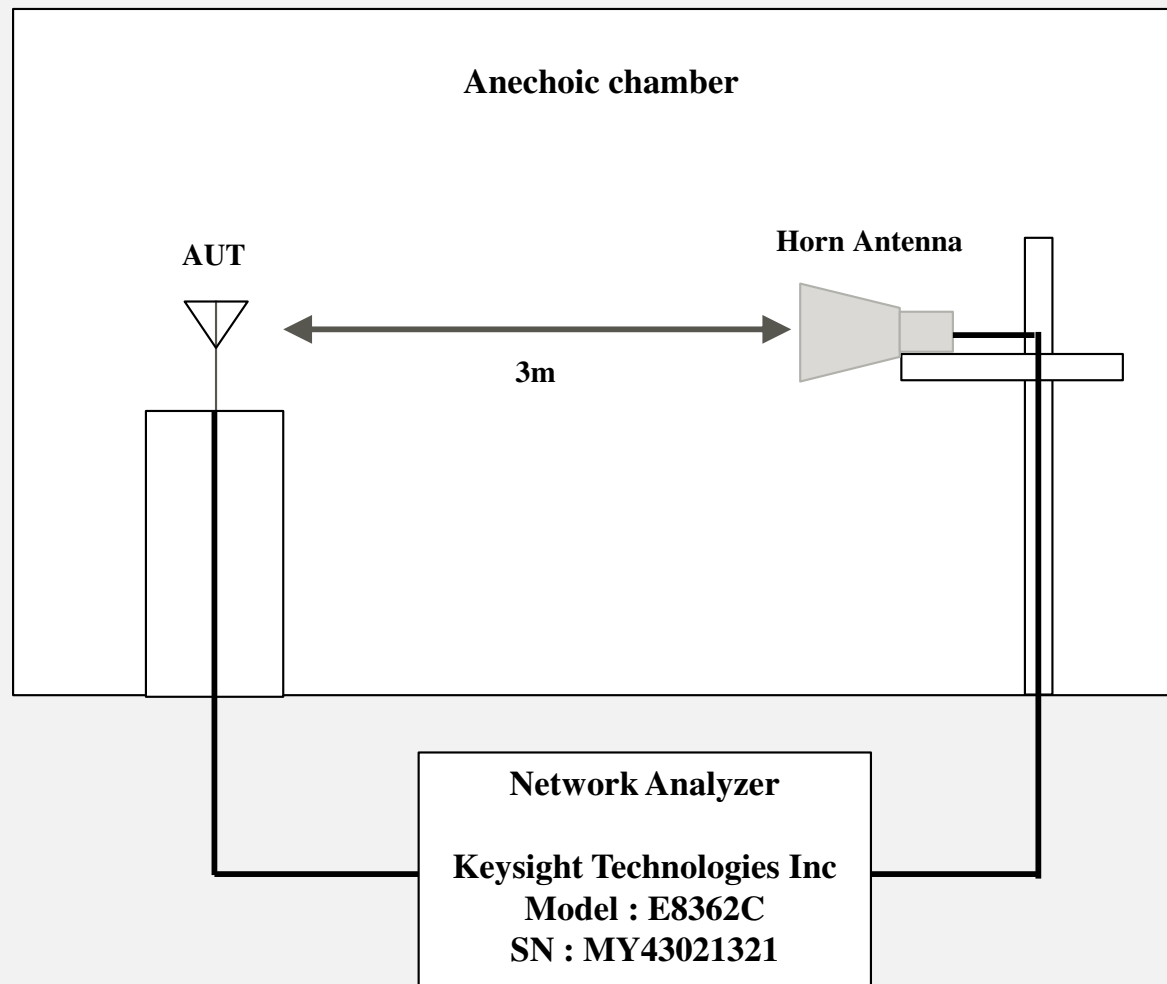
Frequency	2.4 GHz	2.45 GHz	2.5 GHz
Gain	-1.2 dBi	-0.7 dBi	-1.5 dBi

◆ Appearance



Measurement

◆ Method : Standard Antenna Method (SAM)



Measurement



Photo 1 : Inside the chamber



Photo 2 : Front of AUT

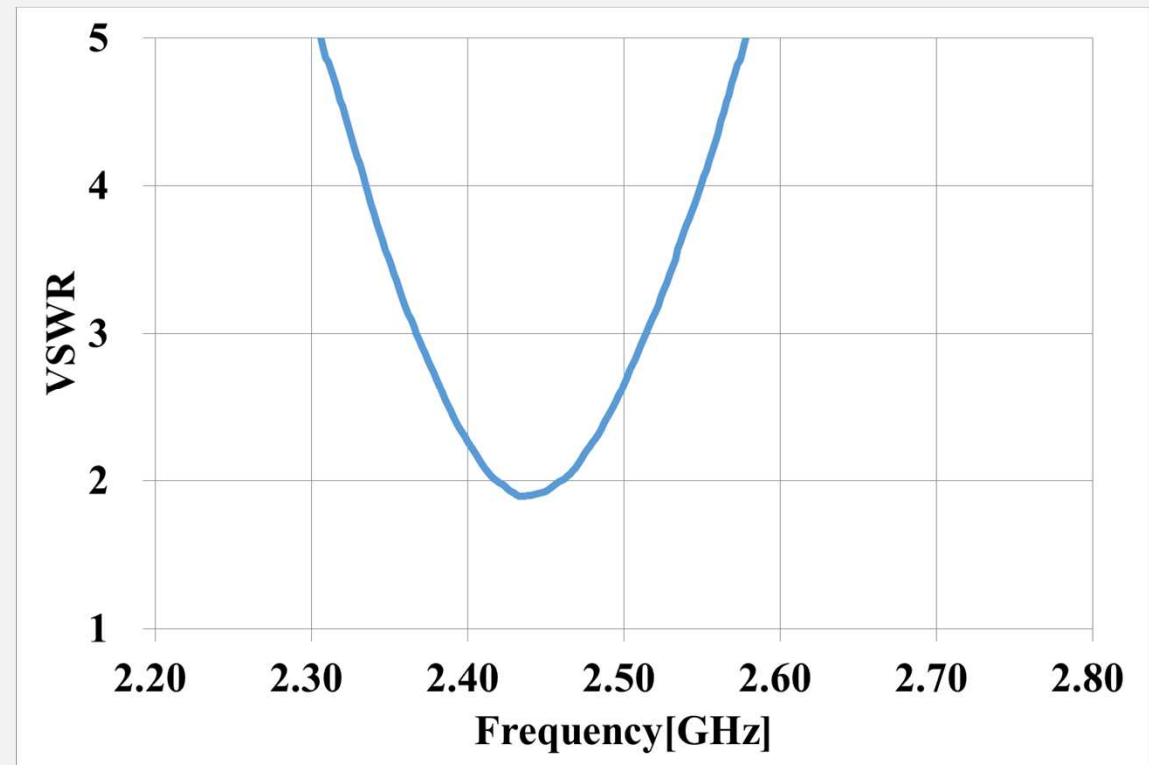
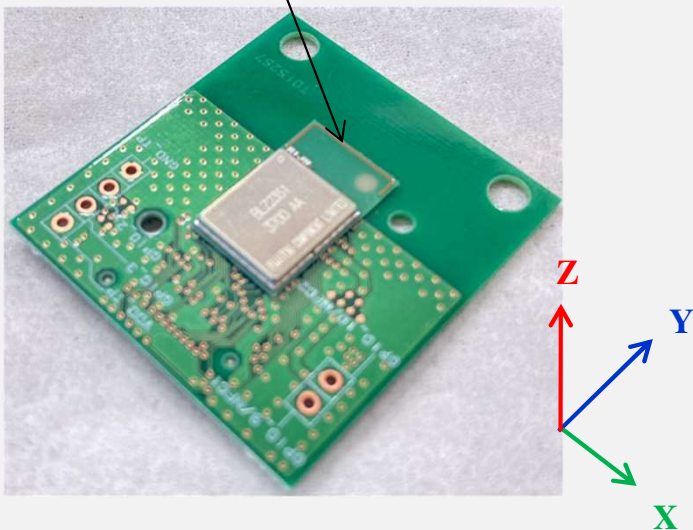


Photo 3 : Side of AUT

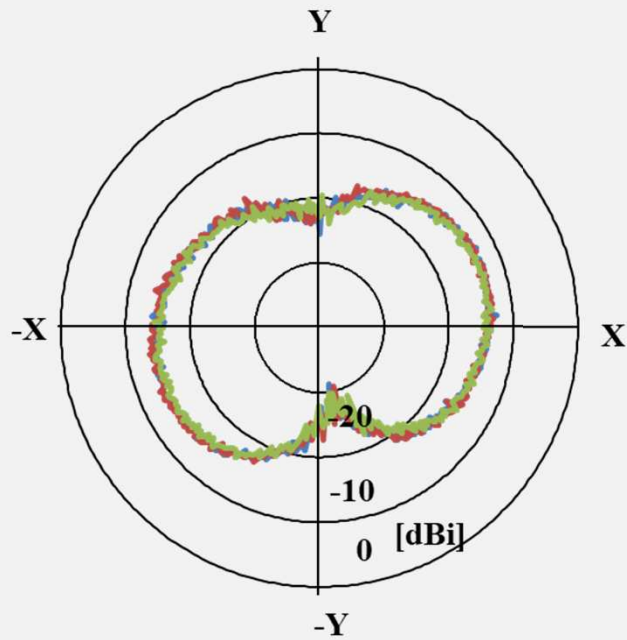
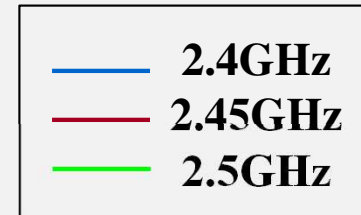
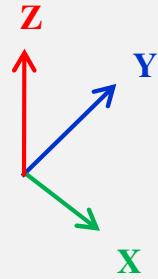
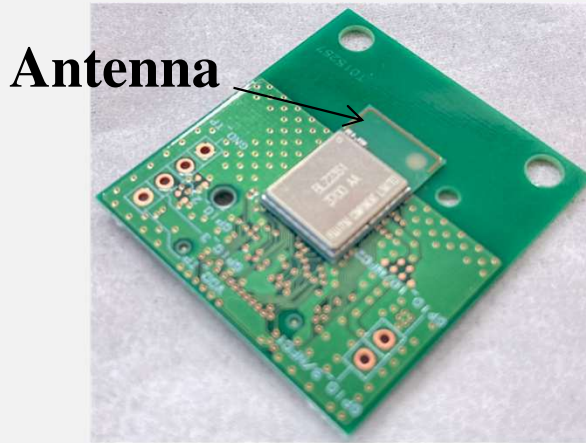
VSWR

◆ FWM7BLZ23

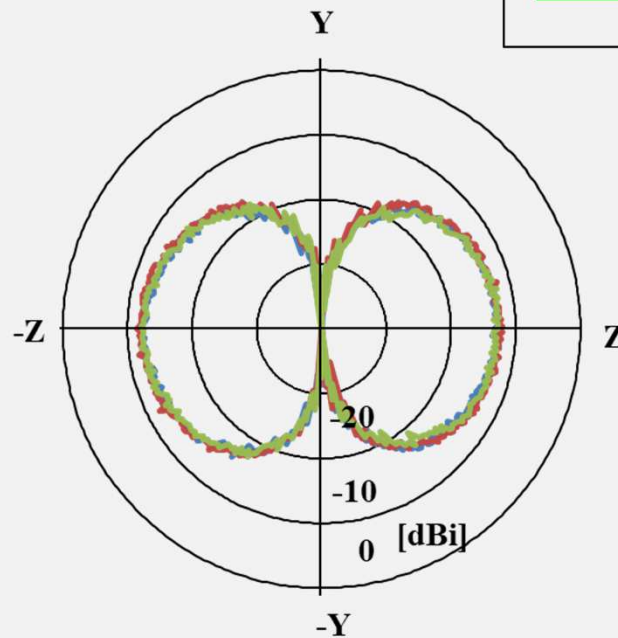
Antenna



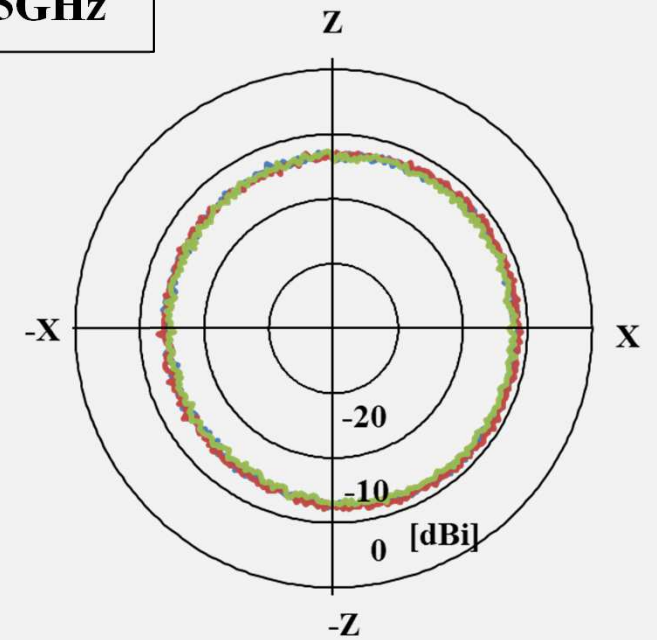
Directivity



Horizontal Polarized wave (X-Y plane)



Horizontal Polarized wave (Y-Z plane)



Vertical Polarized wave (Z-X plane)

XY/YZ/ZX Max,Min,Average

	X-Y(H)			Y-Z(H)			Z-X(V)		
	2.4GHz	2.45GHz	2.5GHz	2.4GHz	2.45GHz	2.5GHz	2.4GHz	2.45GHz	2.5GHz
MAX.	-2.5 dBi	-2.9 dBi	-3.1 dBi	-2.0 dBi	-1.5 dBi	-2.1 dBi	-1.2 dBi	-0.7 dBi	-1.5 dBi
AVE.	-6.5 dBi	-6.3 dBi	-6.8 dBi	-5.8 dBi	-5.3 dBi	-5.8 dBi	-2.9 dBi	-2.6 dBi	-3.2 dBi
MIN.	-21.2 dBi	-20.7 dBi	-19.8 dBi	-39.5 dBi	-37.3 dBi	-39.7 dBi	-5.3 dBi	-4.8 dBi	-5.3 dBi

