

BT antenna information

1.1 Antenna Assembly Specifications

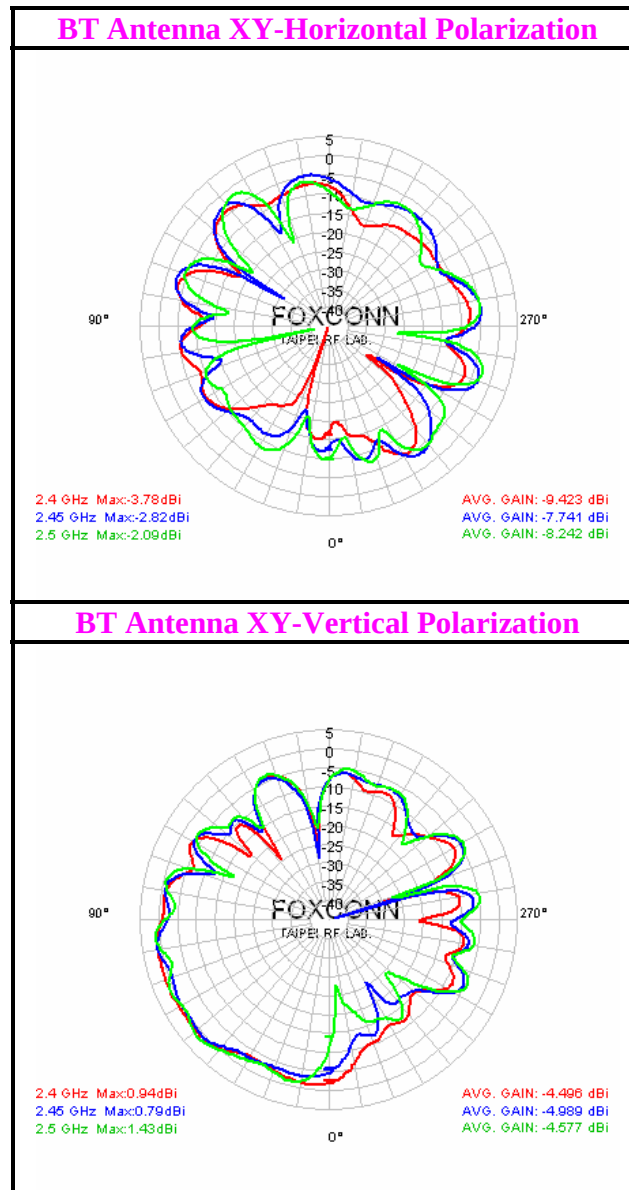
1A Antenna Part Number	1B Manufacture	1C Antenna Type	1D Cable Assembly Part Number and Information	1E Peak Gain W/ Cable loss (dBi)
(P/N:WDAN-SCMS6005-1F)	Foxconn PRECISION IND. CO.,LTD.	PIFA	PN: 703-3208-211[32AWG(O.D:1.13)] 50 ohm Coaxial Connector P/N: SGX0001-00	2400-2500MHz 1.69 dBi (peak)

1.2 Antenna Gain Table

	XY-Plan			XZ-Plan			YZ-Plan		
Frequency (MHz)	Horizontal (dBi)	Vertical (dBi)	H+V (dBi)	Horizontal (dBi)	Vertical (dBi)	H+V (dBi)	Horizontal (dBi)	Vertical (dBi)	H+V (dBi)
2400	-3.78	0.94		-0.23	0.21		-0.04	-4.21	
2450	-2.82	0.79		1.32	-1.41		0.63	-2.66	
2500	-2.09	1.43		1.69	-3.57		-0.84	-2.17	

Marker Point (GHz)	2.400	2.450	2.500
BT Antenna VSWR Value	1.29	1.08	1.58
Specification	2.0:1	2.0:1	2.0:1

2.1 BT Antenna Radiation Pattern Diagram @ 2.40 ~ 2.50 GHz



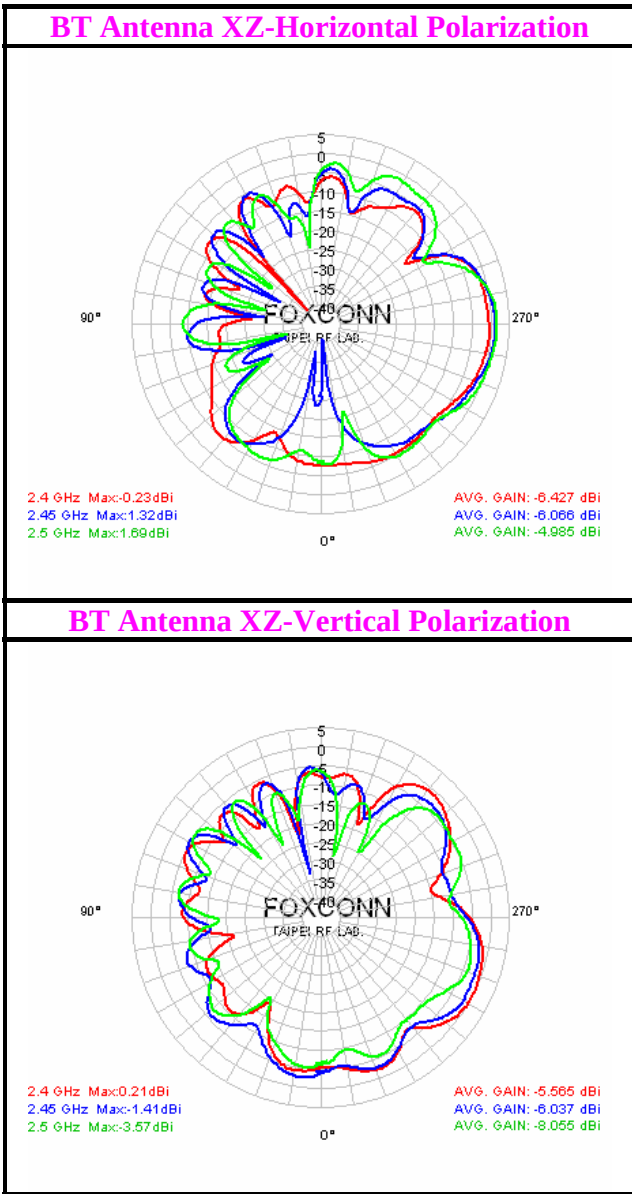
BT Antenna XY-Plane Average Gain

Freq (GHz)	2.40	2.45	2.50
XY-H (dBi)	-9.42	-7.74	-8.24
XY-V (dBi)	-4.49	-4.98	-4.57
Average Gain	-3.28	-3.13	-3.02

BT Antenna XY-Plane Peak Gain

Freq (GHz)	2.40	2.45	2.50
XY-H (dBi)	-3.78	-2.82	-2.09
XY-V (dBi)	0.94	0.79	1.43

2.2 BT Antenna Radiation Pattern Diagram @ 2.40 ~ 2.50 GHz



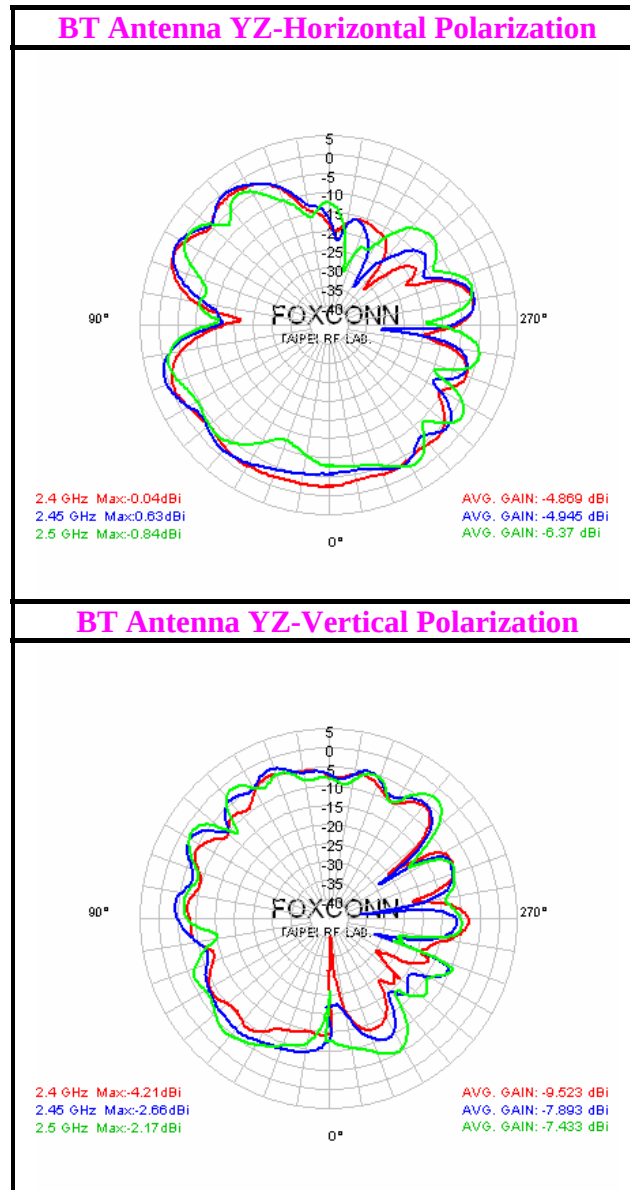
BT Antenna XZ-Plane Average Gain

Freq (GHz)	2.40	2.45	2.50
XY-H (dBi)	-6.42	-6.06	-4.98
XY-V (dBi)	-5.56	-6.03	-8.05
Average Gain	-2.96	-3.03	-3.24

BT Antenna XZ-Plane Peak Gain

Freq (GHz)	2.40	2.45	2.50
XY-H (dBi)	-0.23	1.32	1.69
XY-V (dBi)	0.21	-1.41	-3.57

2.3 BT Antenna Radiation Pattern Diagram @ 2.40 ~ 2.50 GHz



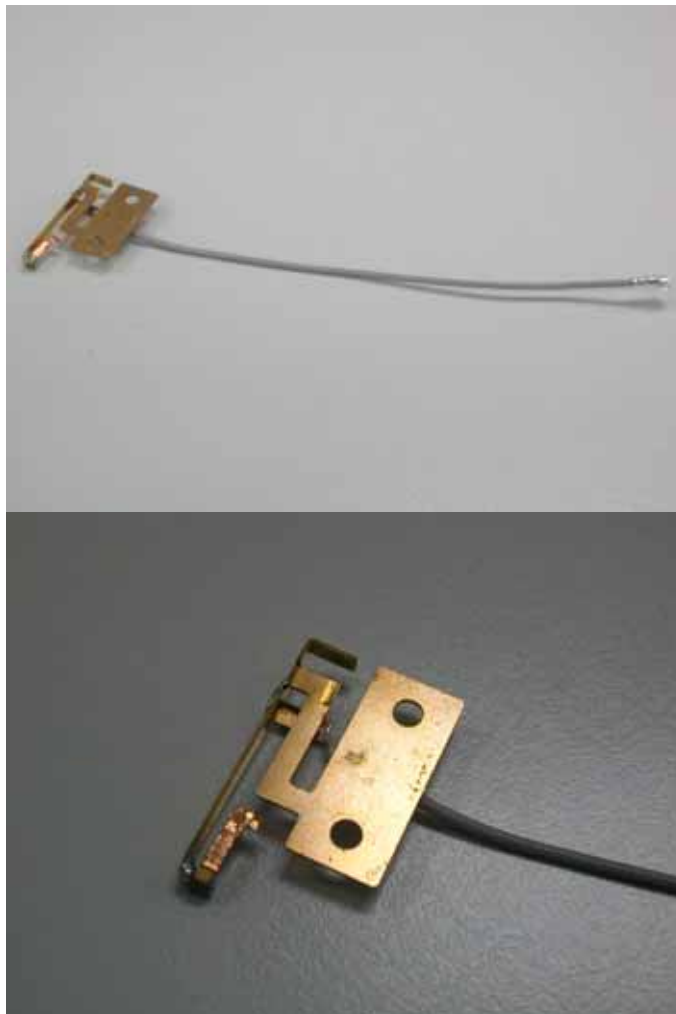
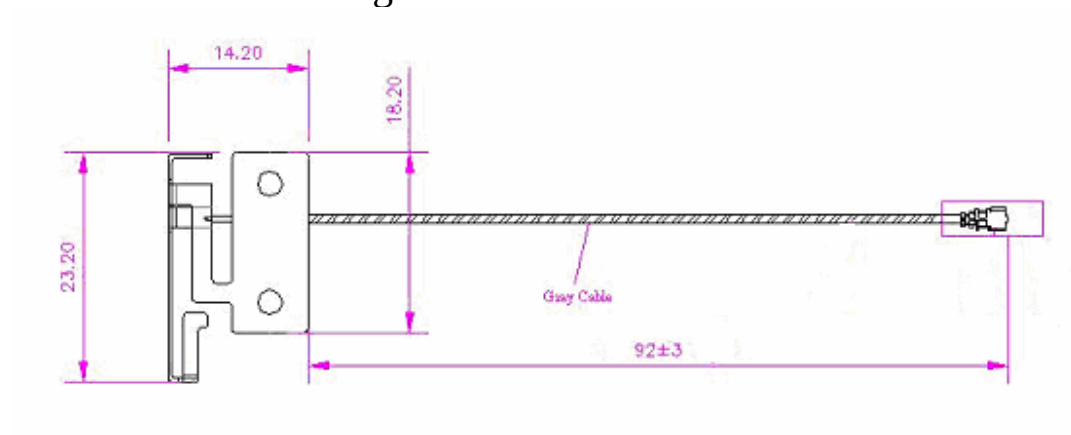
BT Antenna YZ-Plane Average Gain

Freq (GHz)	2.40	2.45	2.50
XY-H (dBi)	-4.86	-4.94	-6.37
XY-V (dBi)	-9.52	-7.89	-7.43
Average Gain	-3.58	-3.16	-3.86

BT Antenna YZ-Plane Peak Gain

Freq (GHz)	2.40	2.45	2.50
XY-H (dBi)	-0.04	0.63	-0.84
XY-V (dBi)	-4.21	-2.66	-2.17

3. BT antenna drawing and Photo



4. Antenna Location Information

Indicate distance between BT antenna and WLAN/WWAN antennas element.

