

Antenna Report

Manufacturer : Shenzhen Jiayz photo industrial ., Ltd

Address : A16 Building, Intelligent Terminal Industrial Park of Silicon Valley Power, Guanlan,Longhua

District, Shenzhen, China

Project : WiTalk BASE

Antenna Information :

DECT Antenna1/2/3/4 : Dipole antenna, peak gain 4.47dBi

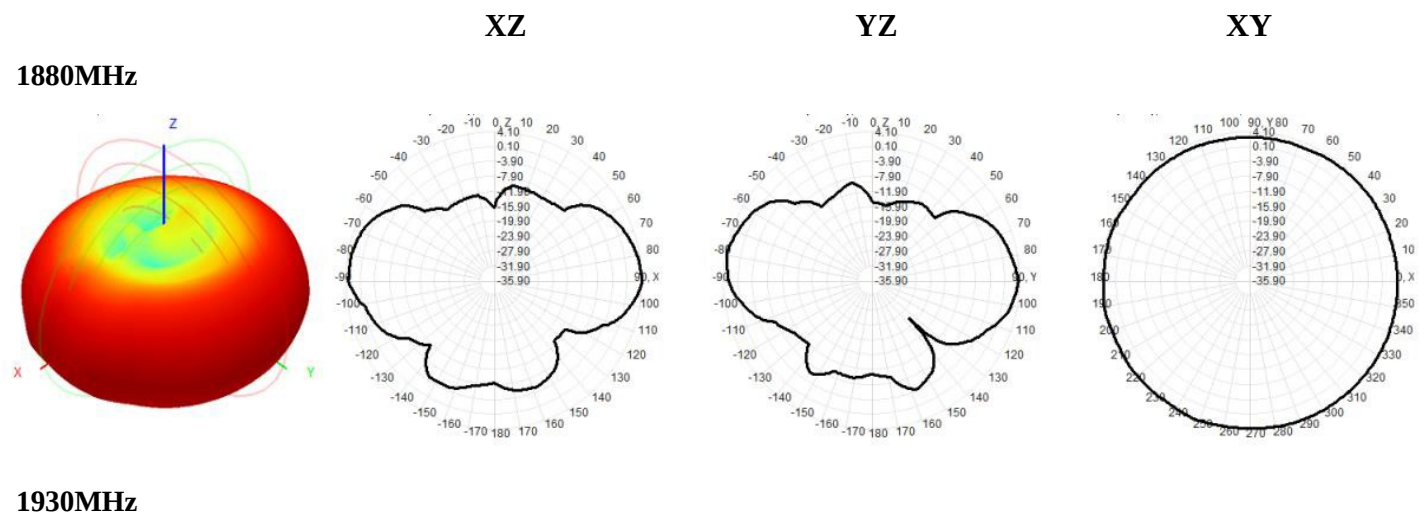
WIFI Antenna : FPC PIFA antenna, peak gain 3.56dBi

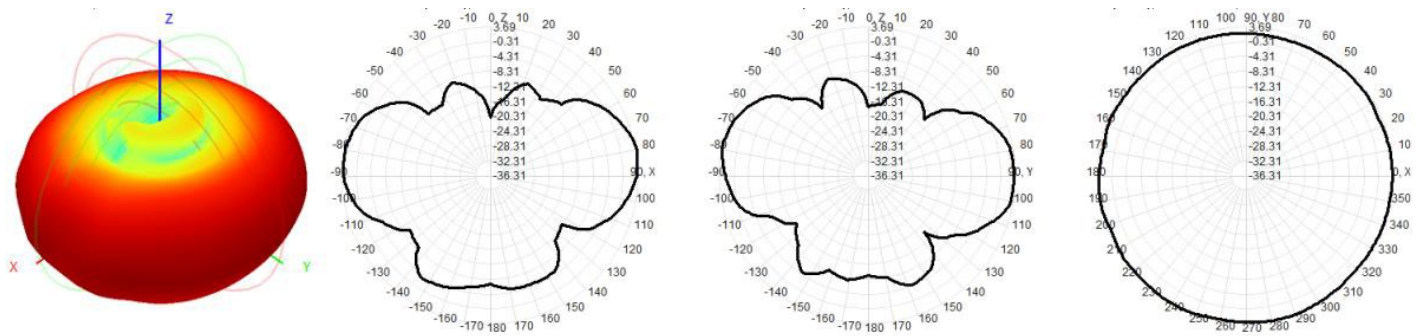
BLE Antenna : Chip antenna, peak gain -0.21dBi

DECT Antenna

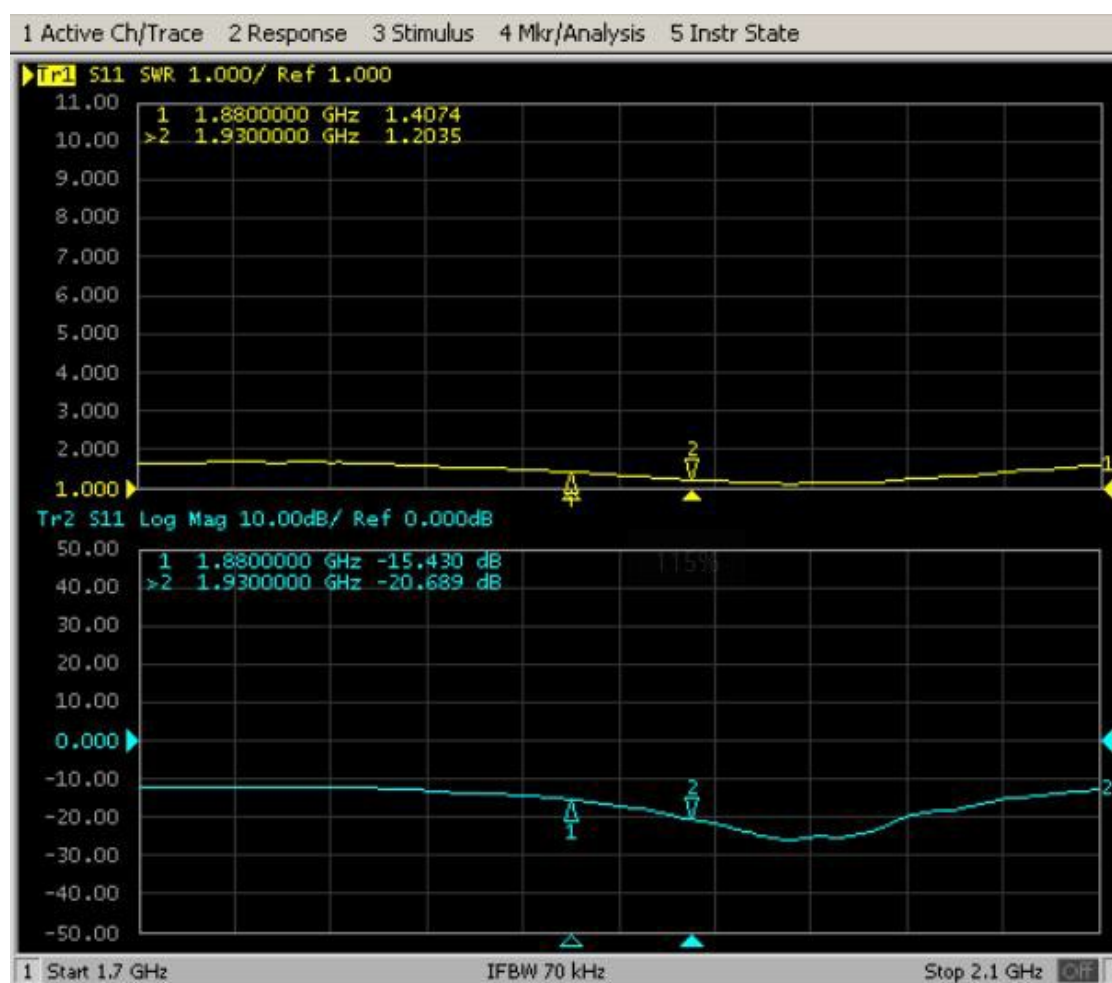
Radiation Pattern Test Data

Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	1880.0	1885.0	1890.0	1895.0	1900.0	1905.0	1910.0	1915.0	1920.0	1925.0	1930.0
Gain (dBi)	4.31	4.10	4.61	4.41	4.50	4.86	4.80	4.24	4.27	4.47	4.36
Efficiency (%)	78.62	77.99	80.33	86.24	84.84	88.50	83.57	79.78	79.88	78.21	78.67





Antenna - S Parameter Test Data

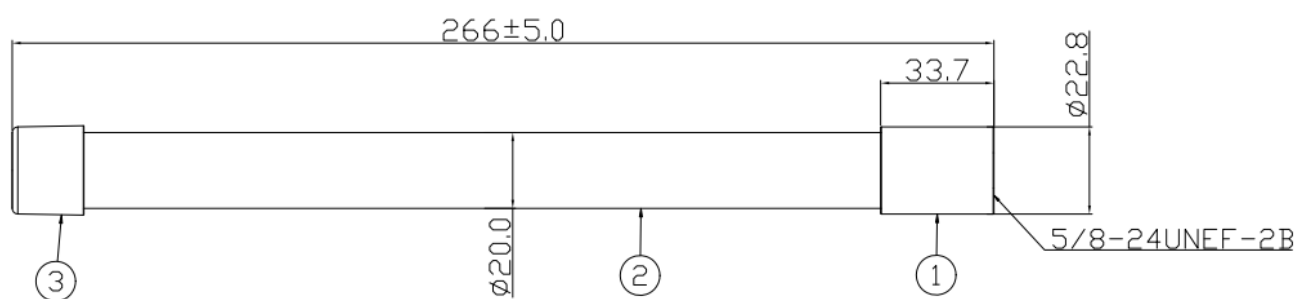


Antenna Photo



Antenna Dimension

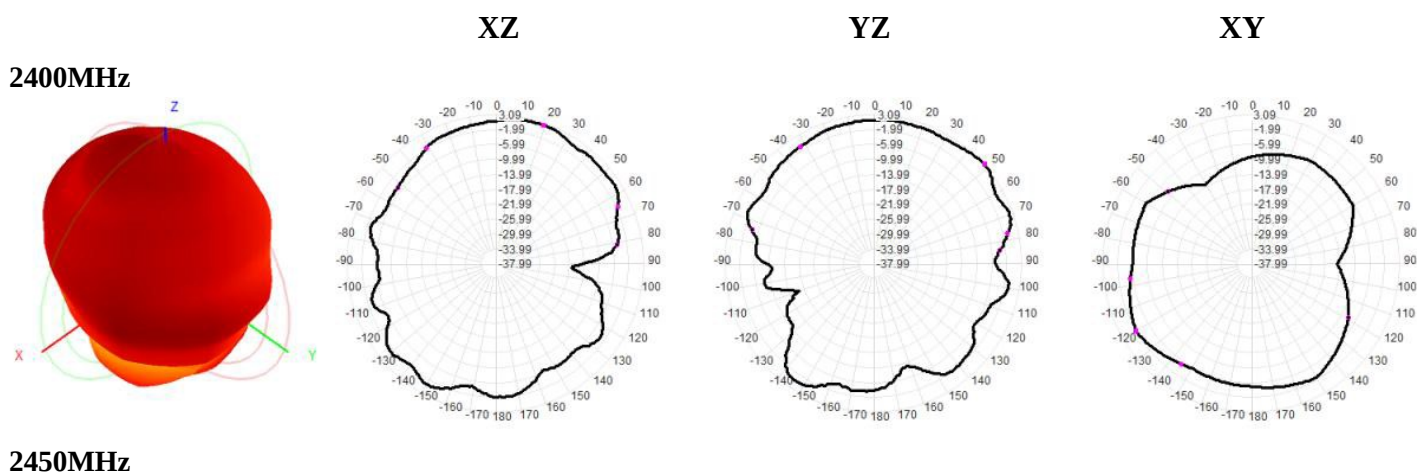
Unit: mm

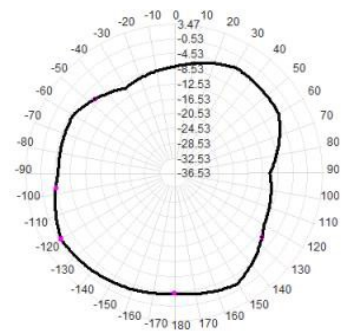
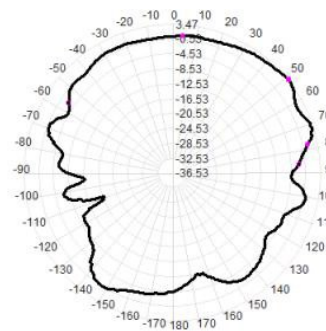
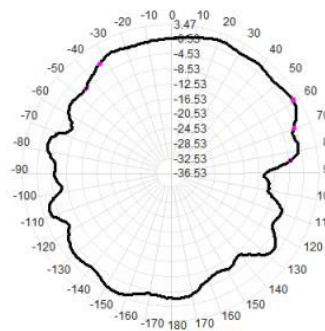
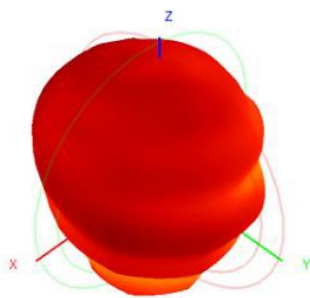


WIFI Antenna

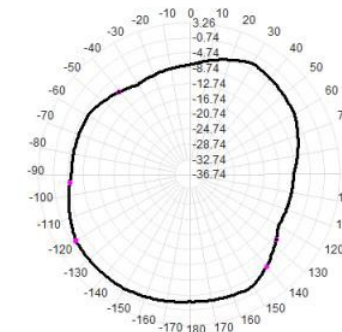
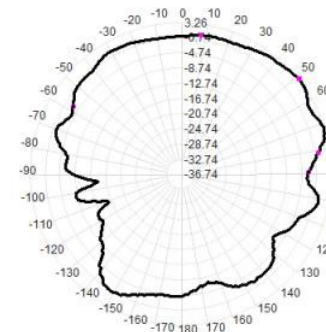
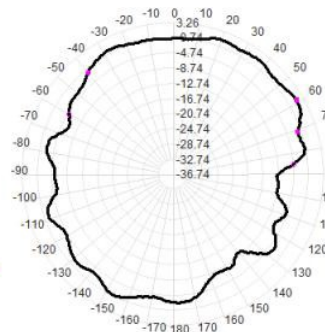
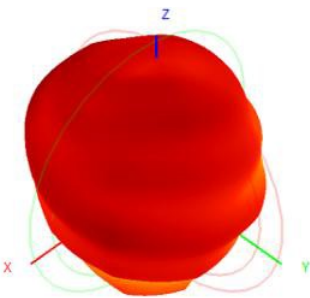
Radiation Pattern Test Data

Frequency ID	1	2	3	4	5	6	7	8	9	10	11
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)	3.09	3.17	3.06	3.17	3.34	3.47	3.56	3.46	3.28	3.16	3.26
Efficiency (%)	56.99	56.58	57.05	59.19	61.42	61.99	62.70	61.23	62.04	59.35	59.52

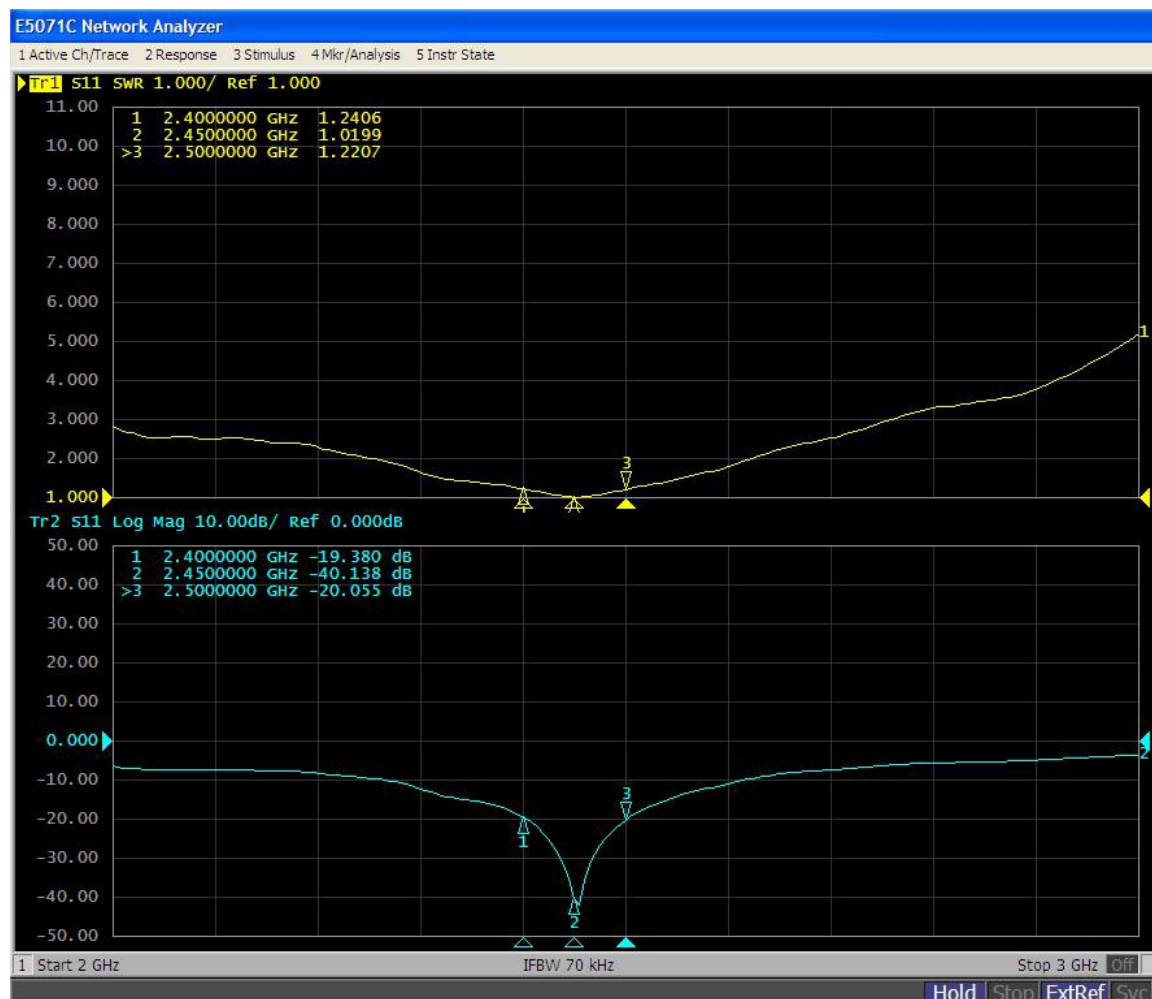




2500MHz



Antenna - S Parameter Test Data

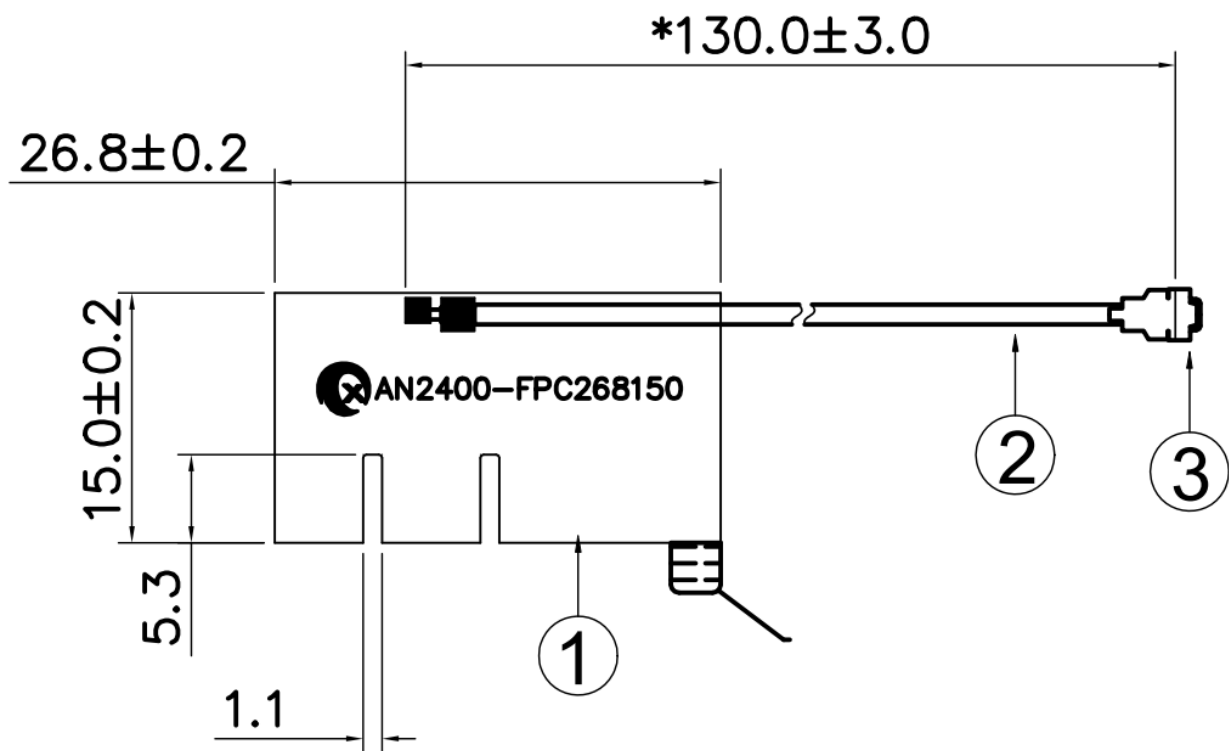


Antenna Photo



Antenna Dimension

Unit: mm

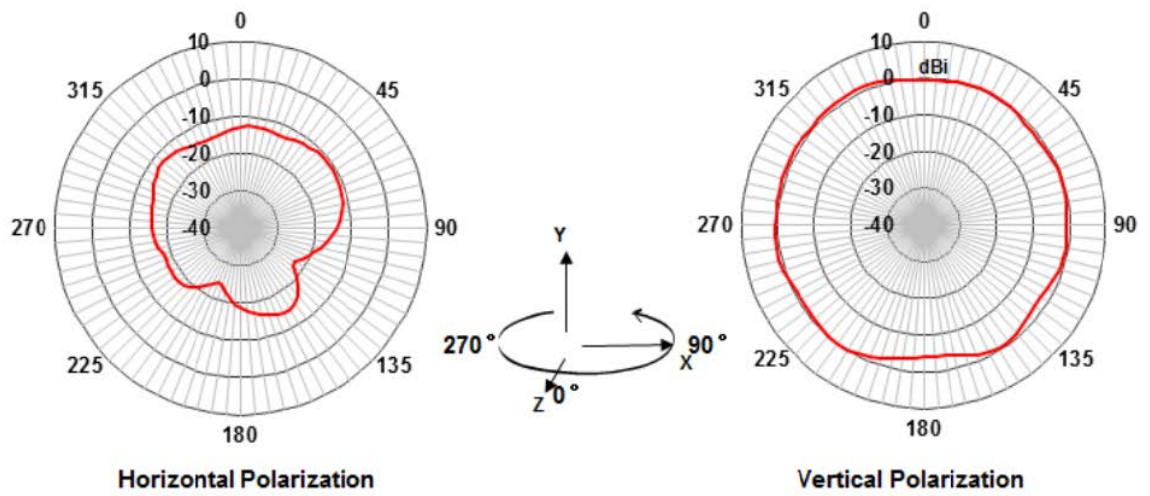


BLE Antenna

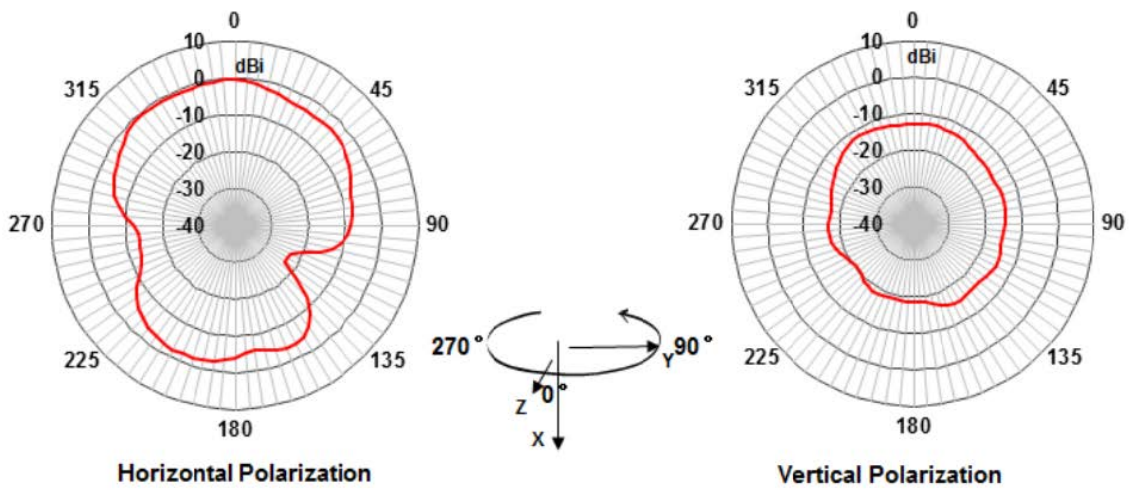
Radiation Pattern Test Data

Frequency	Efficiency(%)	Gain(dBi)
2402MHz	25.04	-1.19
2441MHz	38.1	-0.21
2484MHz	20.1	-3.35

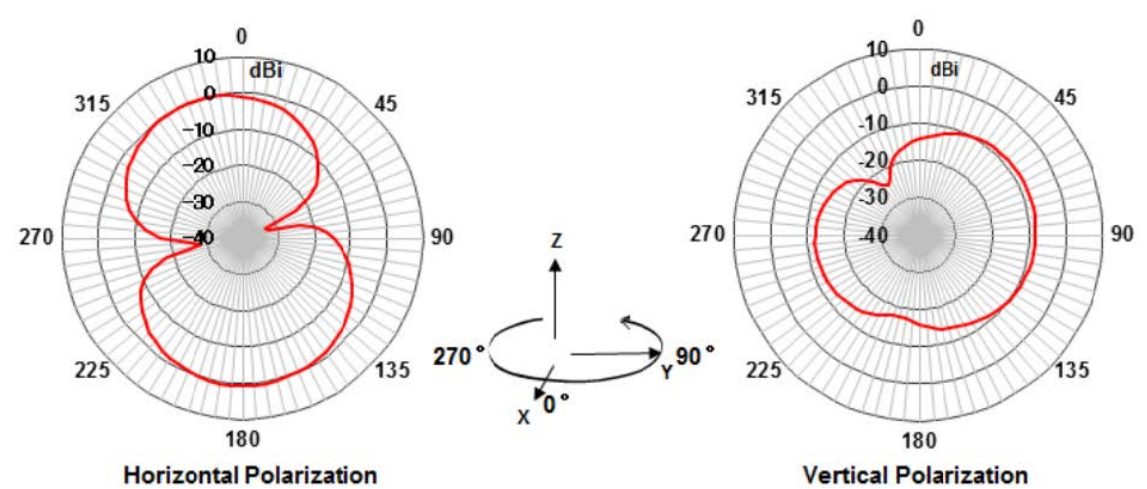
ZX-Plane



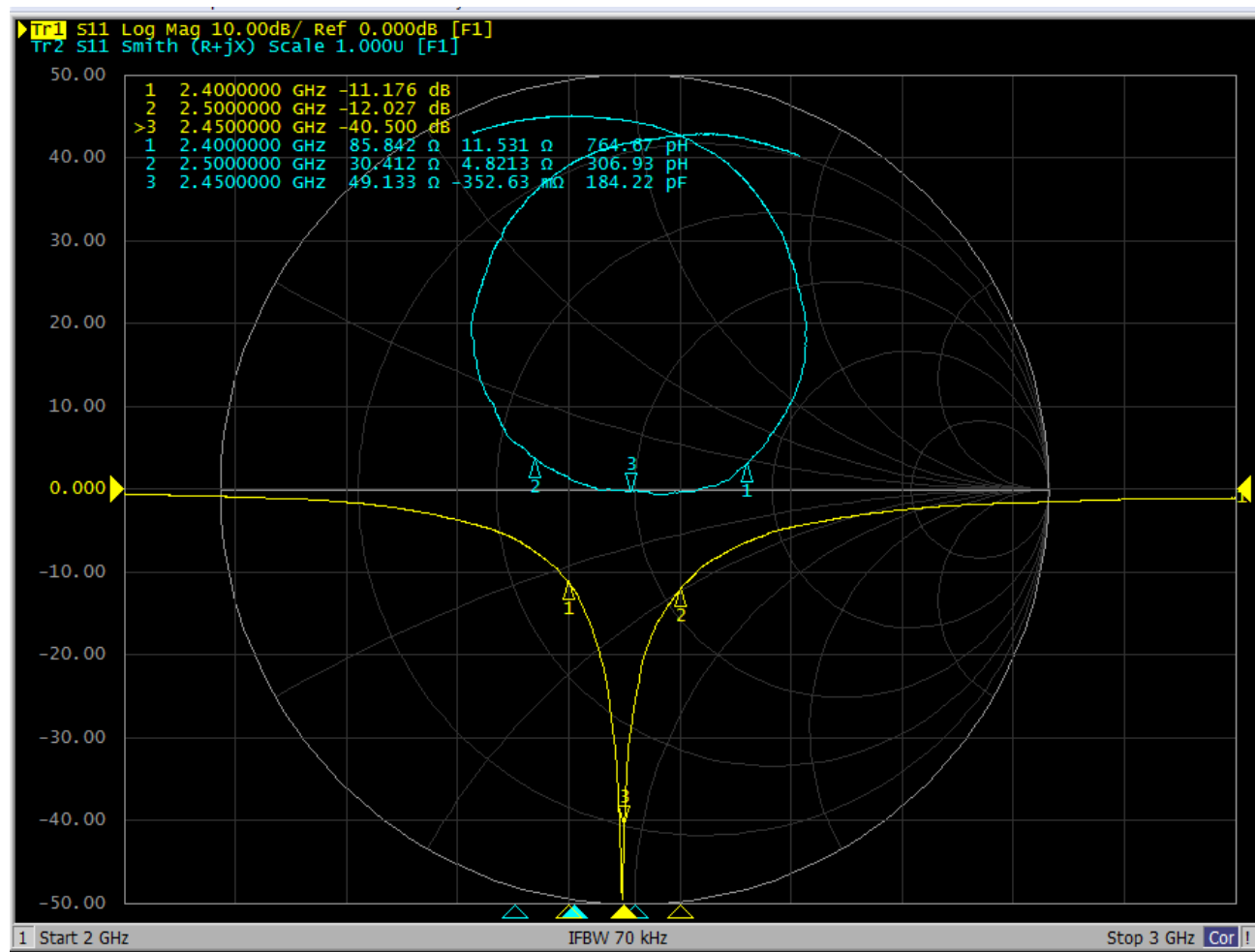
ZY-Plane



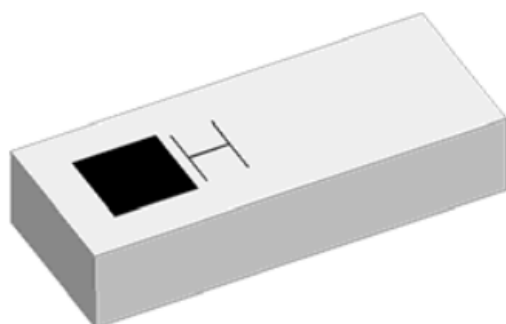
XY-Plane



Antenna - S Parameter Test Data

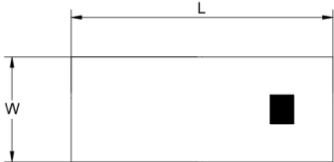


Antenna Photo



Antenna Dimension

Unit: mm

Top View  Side View  Bottom View 	L	5.00±0.15
	W	2.00±0.15
	T	1.0±0.10
	A	0.60±0.15