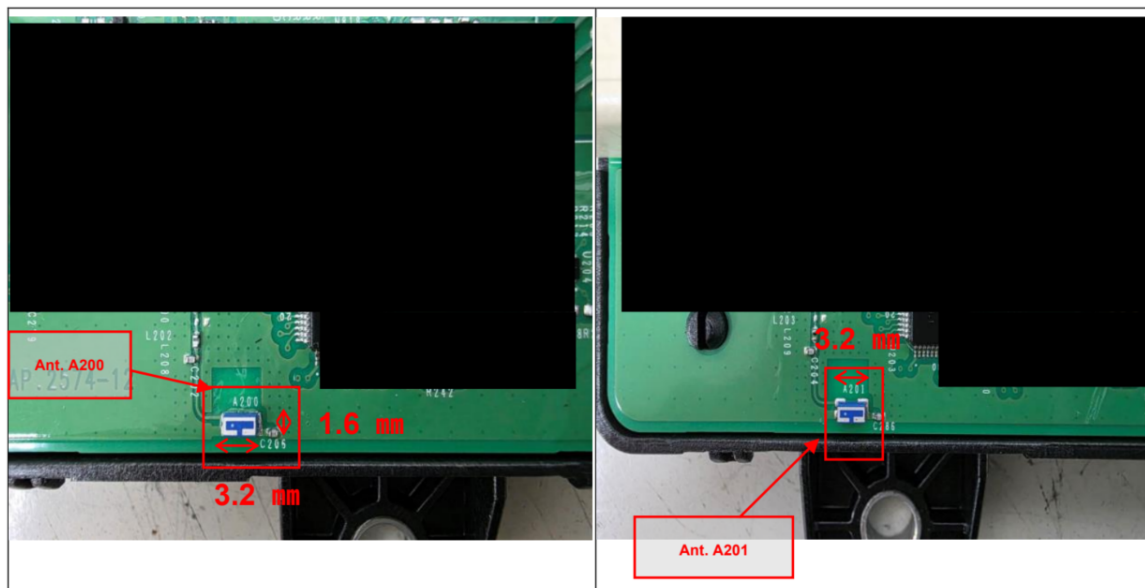


Antenna Information

Item	Contents
Antenna Type	Chip Antenna
Antenna peak gain	Ant. A200: 2.32 dB i Ant. A201: 2.59 dB i
Manufacturer	Pulse (Suzhou) Wireless Products Co, Inc.
Address of manufacturer	99 Huo Ju Road #29 Bldg,4 Phase Suzhou New District Jiangsu Province, Suzhou 215009 PR China
Model name	3216 2.4G Chip Antenna
Test laboratory	Pulse (Suzhou) Wireless Products Co, Inc.
Size Information	Length : 3.2 mm / Width : 1.6 mm



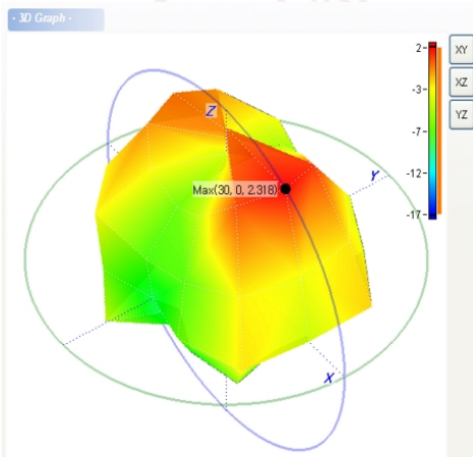
Model name: NBBMUV01

3D Radiation Pattern

Ant. A200

Mobis _ w-BMS _ BMU(#1) Radiation Gain

2405~2480MHz Peak Gain : 2.32dBi

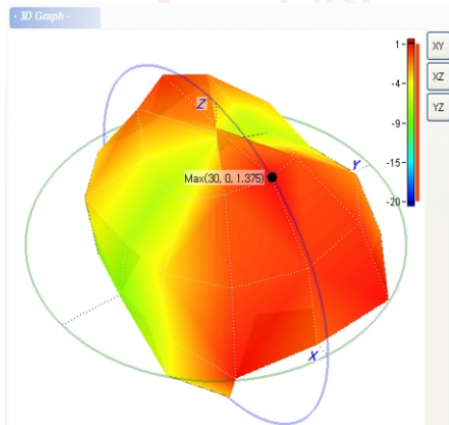


No	Frequency	Peak Value		Minimum Value		Avg. Gain	Efficiency
	[MHz]	Value[dBi]	Degree	Value[dBi]	Degree	[dBi]	[%]
1	2405.000	0.778068	30 / 0	-17.104345	180 / 210	-4.305359	37.107702
2	2440.000	2.318173	30 / 0	-17.150625	180 / 270	-4.243284	37.641902
3	2480.000	2.141153	30 / 0	-17.355583	180 / 330	-3.604914	43.602217

Ant. A201

Mobis _ w-BMS _ BMU(#2) Radiation Gain

2405~2480MHz Peak Gain : 2.59dBi



No	Frequency	Peak Value		Minimum Value		Avg. Gain	Efficiency
	[MHz]	Value[dBi]	Degree	Value[dBi]	Degree	[dBi]	[%]
1	2405.000	1.374591	30 / 0	-20.018520	90 / 180	-3.695097	42.706134
2	2440.000	2.320066	60 / 0	-18.668317	90 / 180	-3.702626	42.632162
3	2480.000	2.585835	60 / 0	-23.544828	90 / 210	-3.769929	41.976583

Model name: NBBMUV01