

- Standard coaxial cable antenna:

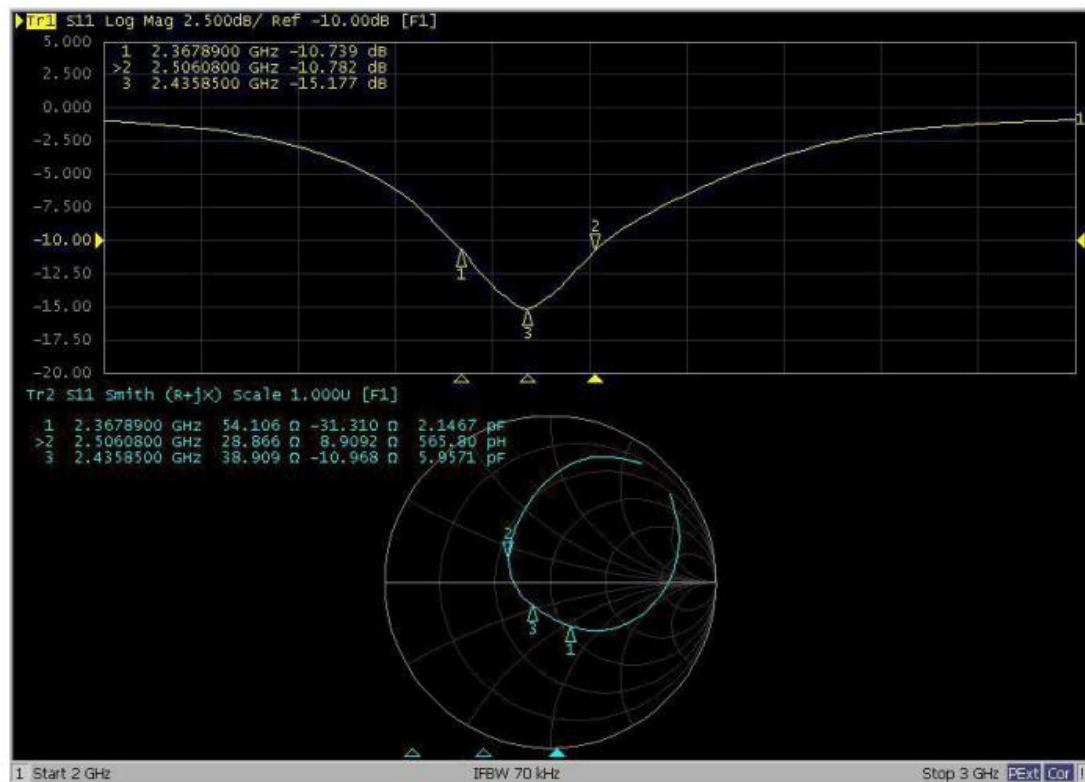
Antenna specifications: 1571/22 AWG, 17-core, 0.16 TS, outer diameter 1.2 mm, wire length 50 mm, bare copper wire (1.0 mm exposed on one side), red



2-1 Normal Dongle PIFA

Antenna

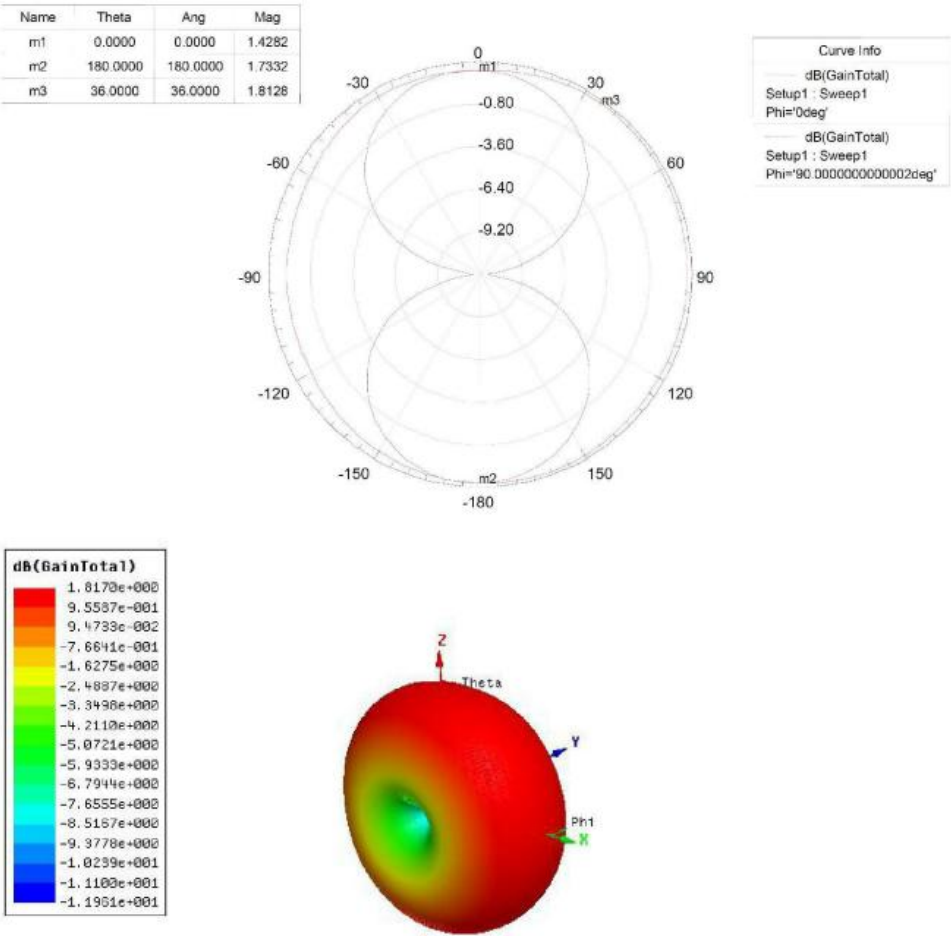
The performance of S11 as blow show and the working frequency band cover 2.4G ISM and bandwidth is wider than nano dongle.



2-2 Normal Dongle PIFA S11 performance

The gain of this antenna 2D and 3D as blow show and the maximum gain is about 1.5dB.

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Radiation Patterns(GAIN @ 2440MHz)									
Plane	XY			XZ			YZ		
Frequency(MHz)	2400	2440	2480	2400	2440	2480	2400	2440	2480
Peak Gain(dBi)	1.70	1.73	1.71	1.79	1.81	1.78	1.71	1.73	1.72

2-3 Normal Dongle PIFA gain