

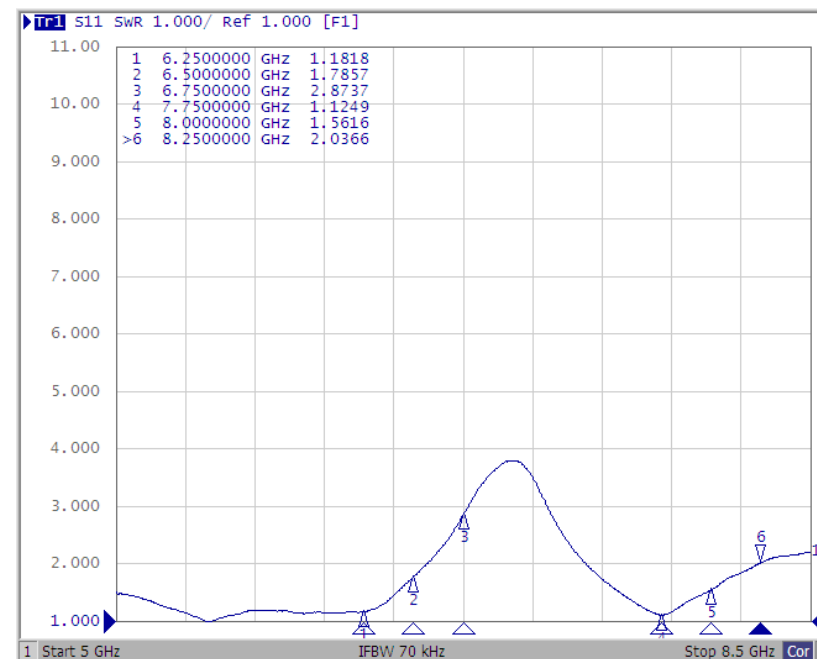
UWB ANT Specification

(ASUNBM04, ASUNBM05)

11, April, 2024



◆ UWB Antenna Measured VSWR



◆ UWB ANT Information

	Description
Type	PCB Pattern
Dimension	6.35 x 6 x 0.035mm
Operating Temp.	-40 ~ 95 °C
Material	Cu, OSP

UWB ANT Gain Table

Frequency Range	Efficiency [%]	Average gain [dBi]	Peak gain [dBi]
30~500MHz	0.2	-25.99	-21.72
1GHz	1.4	-18.45	-14.31
2GHz	7.7	-11.12	-5.79
3GHz	18.4	-7.36	-0.29
4GHz	33.7	-4.72	2.88
5GHz	74.8	-1.26	6.99
6GHz	78.6	-1.04	6.95
6.25GHz	74.9	-1.25	6.36
6.5GHz	58.8	-2.31	4.54
6.75GHz	38.2	-4.18	2.88
7GHz	8.0	-11.00	-6.02
7.75GHz	62.2	-2.06	4.29
8GHz	62.8	-2.02	5.23
8.25GHz	55.6	-2.55	5.10
9GHz	44.9	-3.48	2.58
10GHz	56.4	-2.49	3.63
11GHz	62.2	-2.06	5.91
12GHz	58.2	-2.35	6.08
13GHz	40.9	-3.88	4.79
15GHz	23.0	-6.38	2.04
23GHz~26GHz	-	-	-23.17

4 Main Title

UWB ANT Radiation Pattern

◆ UWB ANT Radiation Pattern

