

Measurement Report

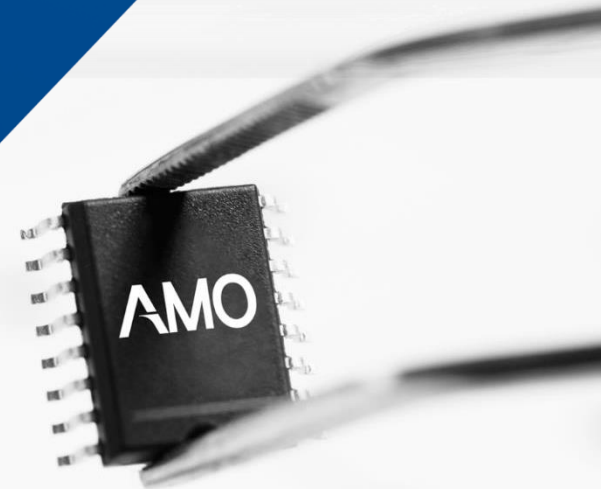
Customer : 피타소프트

Model : ELITE 8

Application : Wi-Fi Dual Band (2.4G/5G)

Antenna P/N : SHDA10312442B

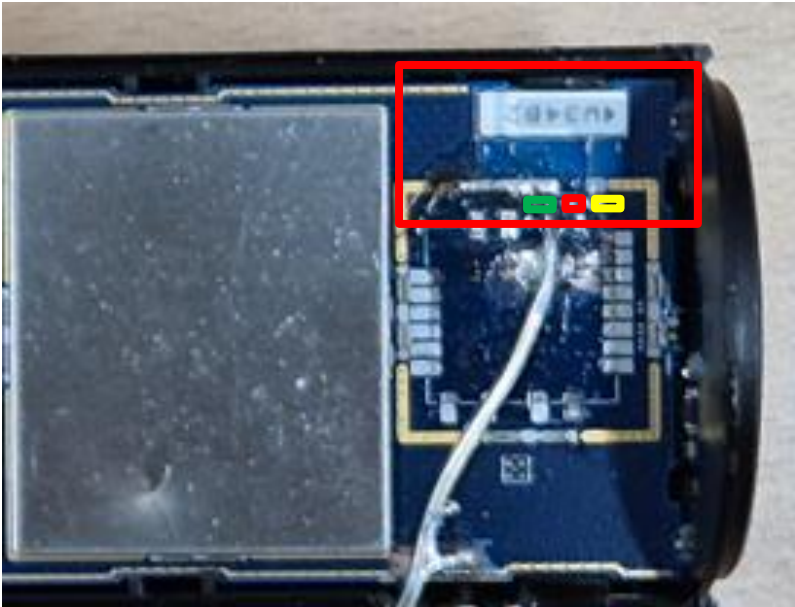
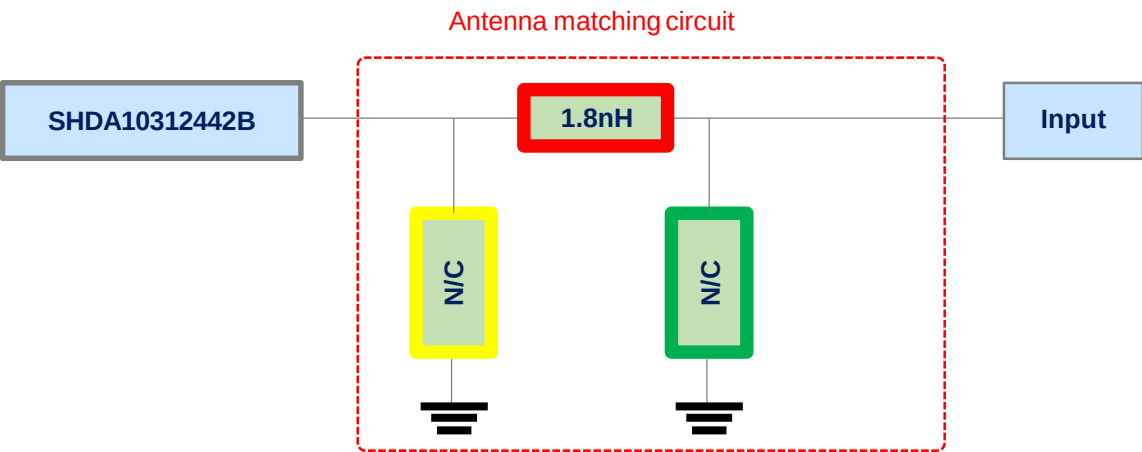
2025. 03. 14



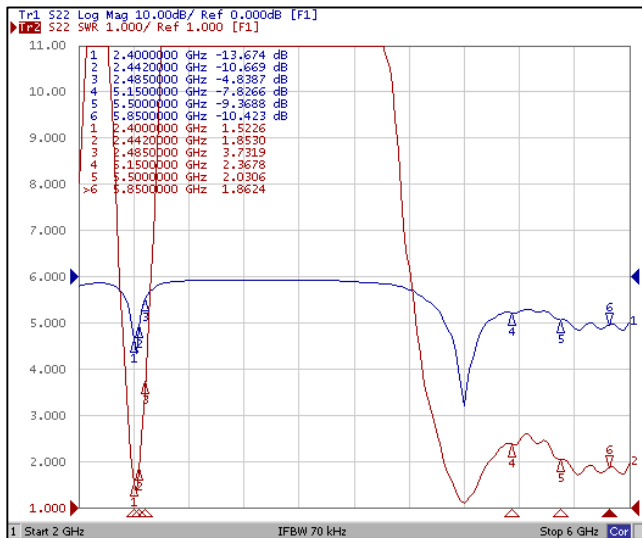
1. Measurement Report

1. Passive measurement

1-1. Antenna matching value



1-2. Measured S-parameter



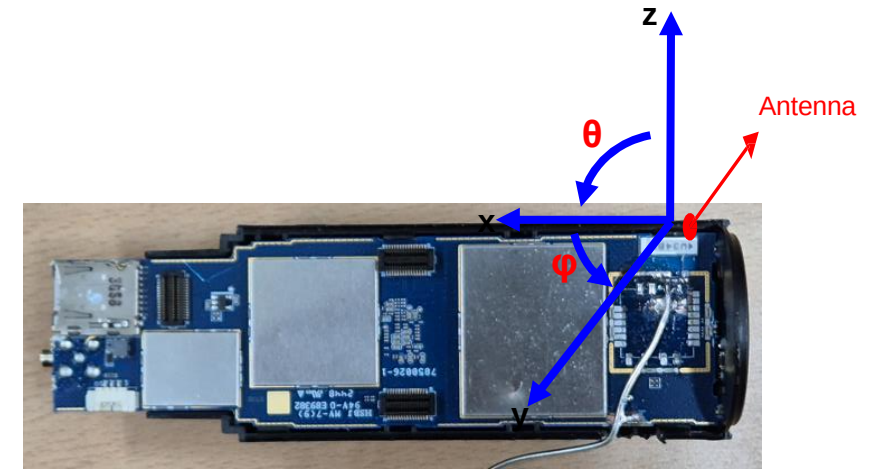
Return Loss & VSWR

Set condition

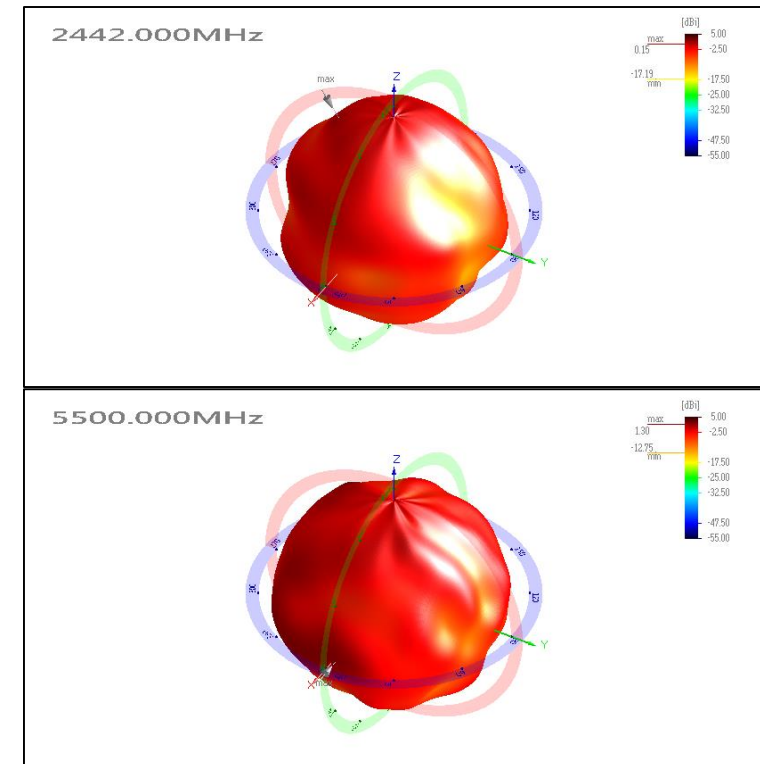
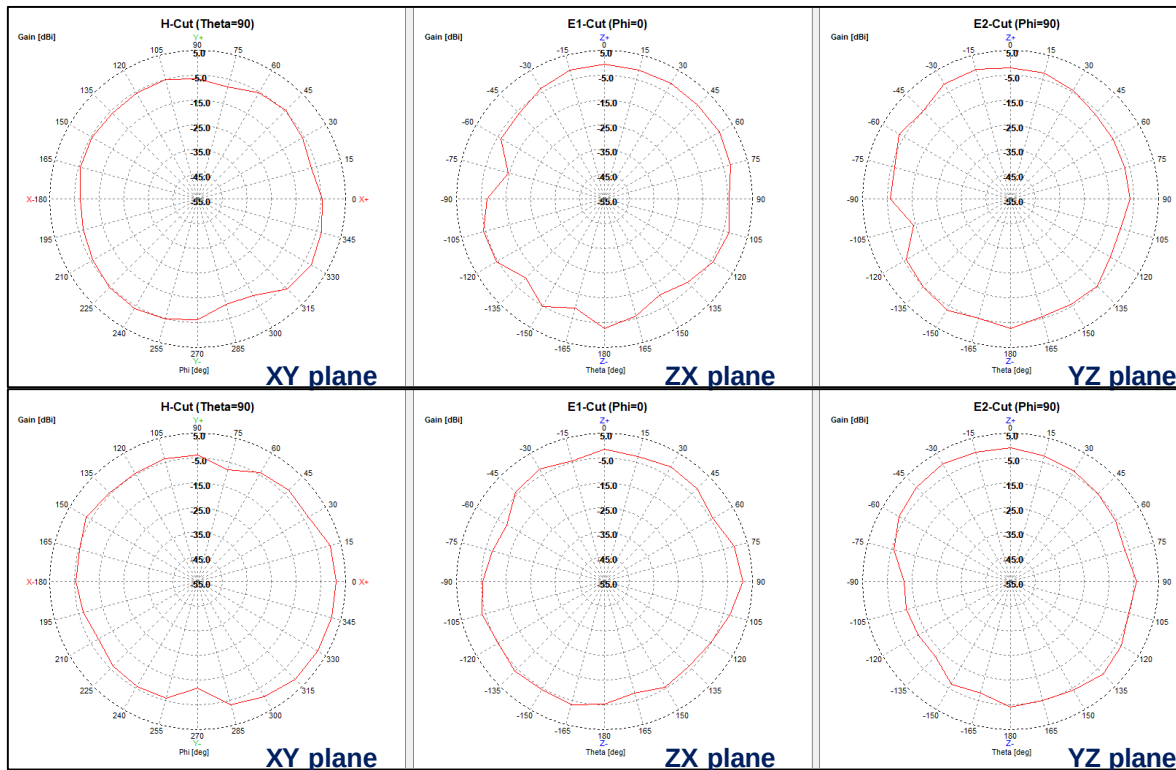
2. Measurement Report

2-1. Antenna gain

Frequency [MHz]	Efficiency [%]	Average gain [dBi]	Peak gain [dBi]
2400	24.19	-6.16	-1.69
2442	34.99	-4.56	-0.16
2485	35.02	-4.56	0.02
5150	43.79	-3.59	1.46
5500	44.38	-3.53	1.19
5850	54.28	-2.65	1.73



2-1. Radiation pattern



3. Active data

Condition	TEST	Wi-Fi (802.11b)			Wi-Fi (802.11a)		
	Channel	CH 1	CH 6	CH 11	CH 36	CH 157	CH 161
ELITE 8 _ #1 SET	TRP	-	17.01	-	10.08	-	-
	TIS	-	83.97	-	71.37	-	-

Condition	TEST	Wi-Fi (802.11b)			Wi-Fi (802.11a)		
	Channel	CH 1	CH 6	CH 11	CH 36	CH 157	CH 161
ELITE 8 _ #2 SET	TRP	-	12.72	-	11.03	-	-
	TIS	-	77.89	-	68.32	-	-