

Measurement Report

Customer : 피타소프트

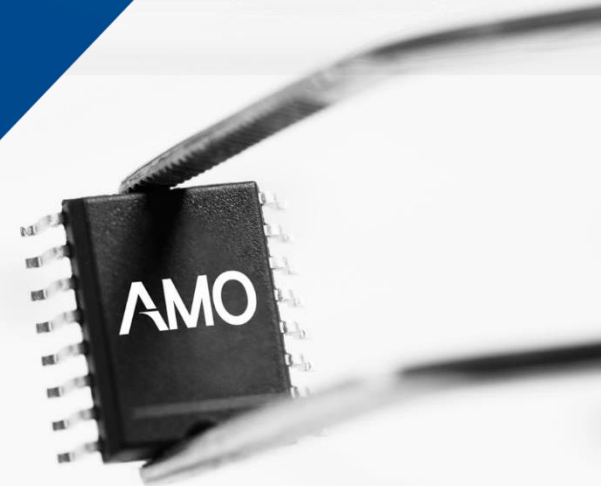
Model : DR970X

Application : Wi-Fi 2.4GHz & 5GHz

Antenna P/N : SHDA10312442B

2022. 09. 08

AMO
A M O T E C H

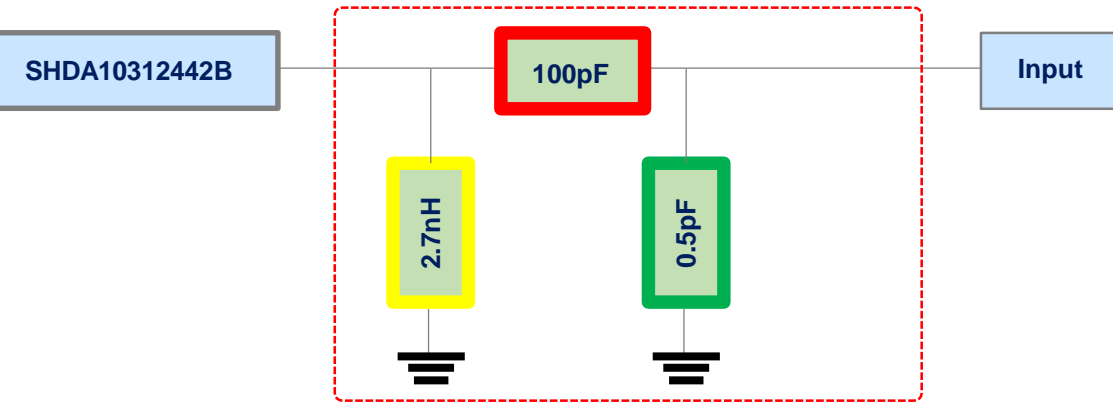


1. Measurement Report

1. Passive measurement

1-1. Antenna matching value

Antenna matching circuit

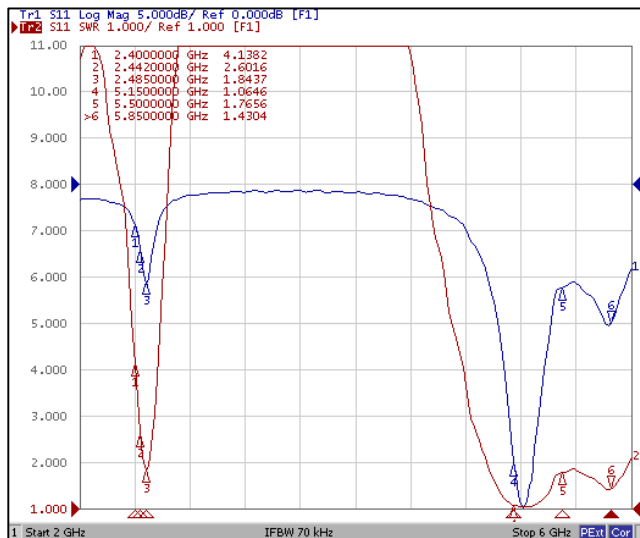


Dual Wi-Fi



Set condition

1-2. Measured S-parameter

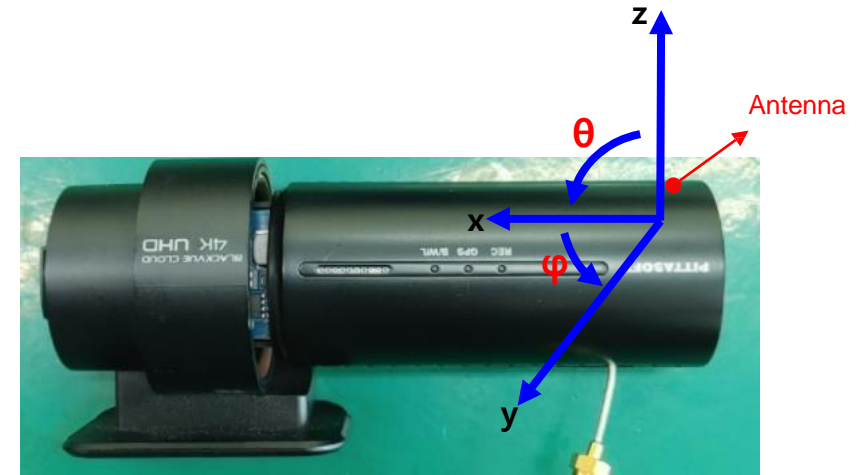


Return Loss & VSWR

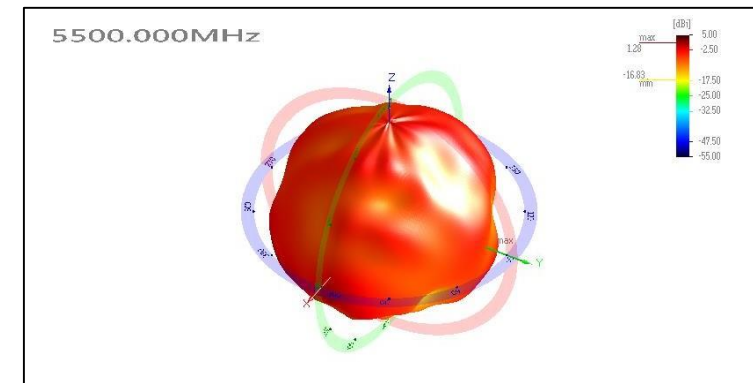
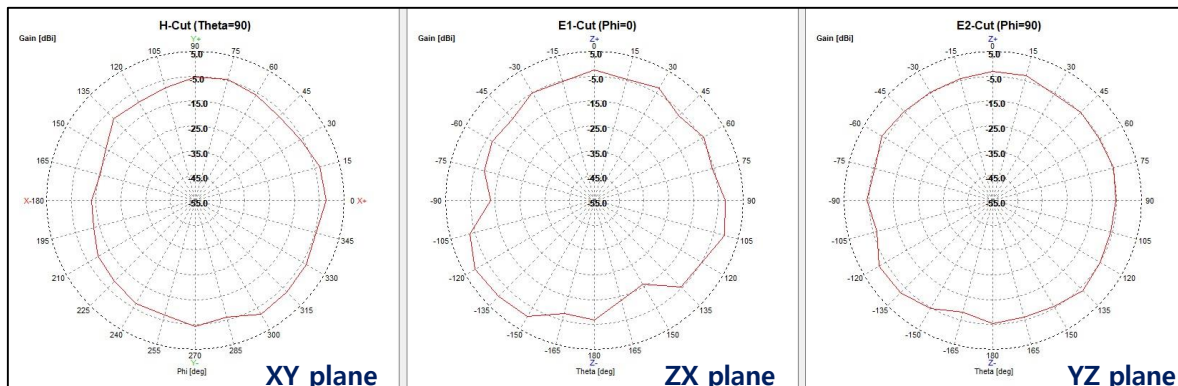
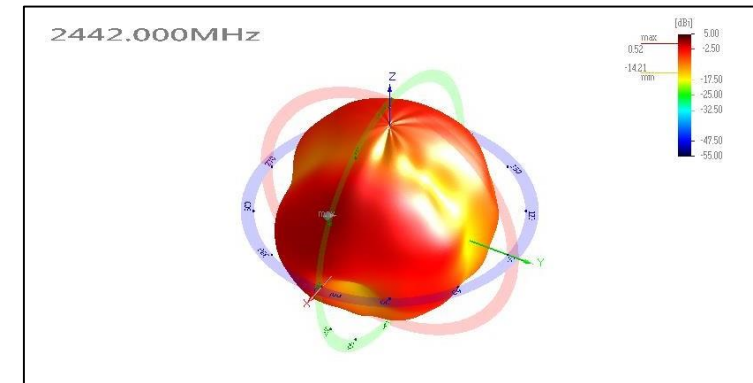
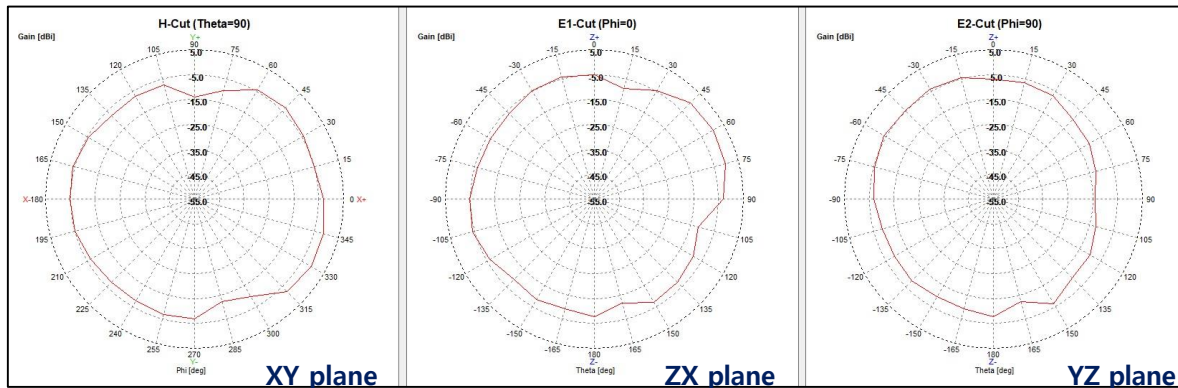
2. Measurement Report

2-1. Antenna gain

Frequency [MHz]	Efficiency [%]	Average gain [dBi]	Peak gain [dBi]
2400	16.53	-7.82	-2.00
2442	26.39	-5.78	0.45
2485	32.63	-4.86	1.18
5150	38.54	-4.14	1.56
5500	34.05	-4.68	1.13
5850	36.02	-4.43	1.46



2-1. Radiation pattern



3. Active TEST

Model	Antenna	TEST	Wi-Fi (802.11b)			Wi-Fi (802.11a)		
		Channel	CH 1	CH 6	CH 11	CH 149	CH 157	CH 165
DR970X	SHDA10312442B	TRP	-	13.07	-	-	12.37	-
		TIS	-	82.50	-	-	68.21	-