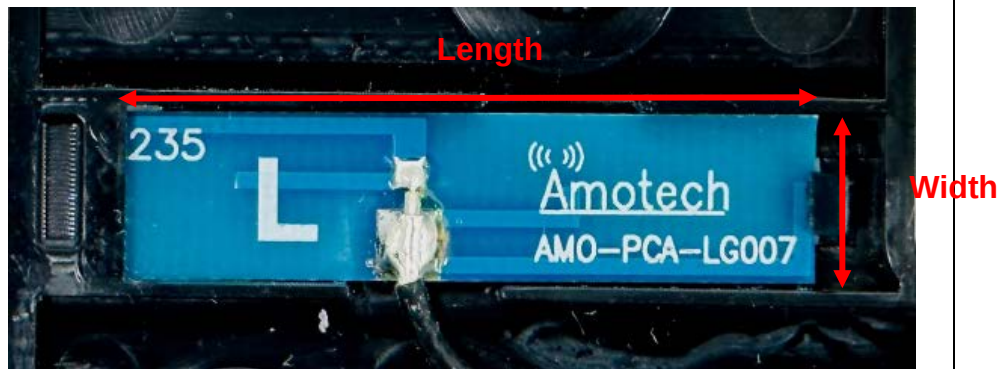


Antenna Information

Item		Contents
Antenna Type		PCB & Cable Assembly Antenna
Antenna peak gain	Port. 1	2G: 0.94 dBi , 5G_UNII1: -1.05 dBi, 5G_UNII3: -0.78 dBi
	Port. 2	2G: 0.69 dBi , 5G_UNII1: -0.97 dBi, 5G_UNII3: -0.88 dBi
Manufacturer / Model name		AMOTECH Co., Ltd. / -
Address of Manufacturer		5BL-1LOT, 380 Namdongseo-ro, Namdong-Gu, Incheon, KOREA (21629)
Antenna_Port.1 Length		3.6 cm
Antenna_Port.1 Width		0.95 cm
Antenna_Port.2 Length		3.6 cm
Antenna_Port.2 Width		0.95 cm

Antenna_Port t1



Antenna_Port t2



안테나 사양서

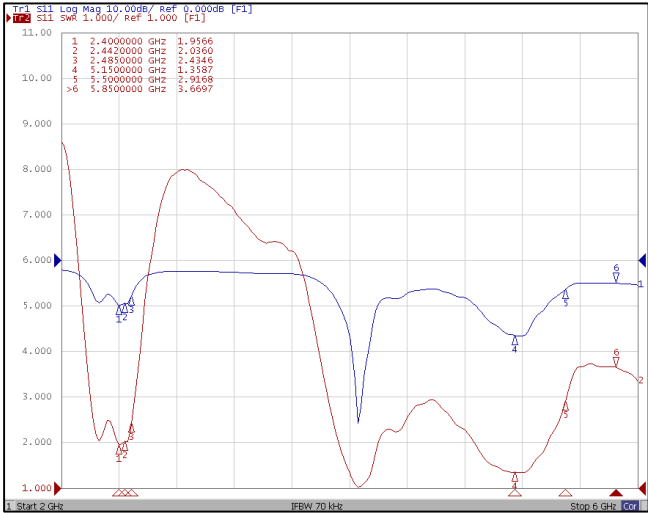
고급형 6.5세대 CCIC2 JX FL

AMOTECH / Antenna Group

Customer	LGE
Model	고급형 6.5세대 CCIC2 JX FL
Application	Bluetooth & Dual Wi-Fi
Antenna Type	AMO-PCA-LG007
Date	2023. 01 . 10
Written by	장 용준
Contact	dydwswnl@amotech.co.kr

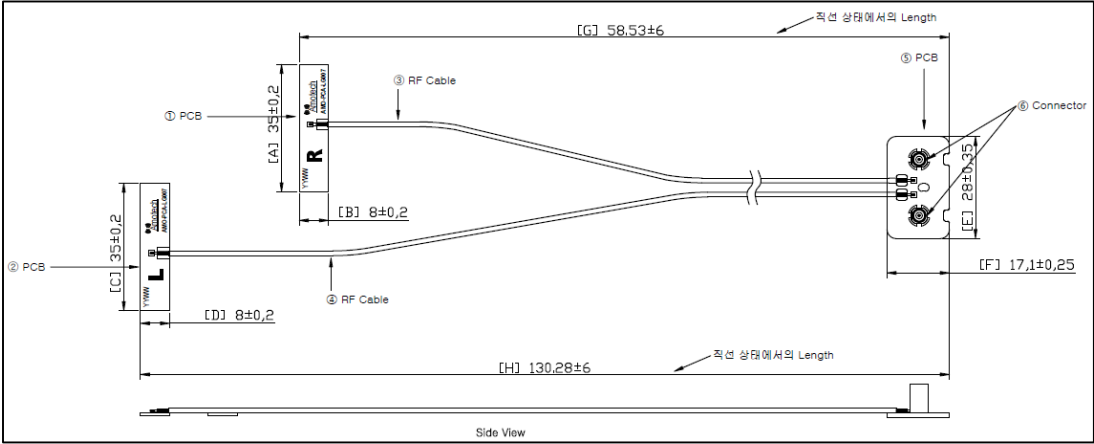
1. AMO-PCA-LG007 (R)

1) Return Loss & VSWR



Dual Wi-Fi (R)

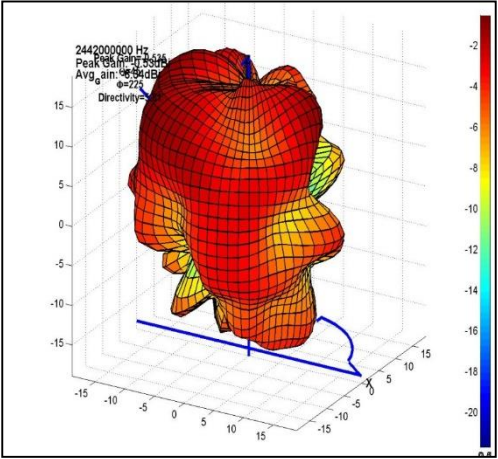
2) Drawing



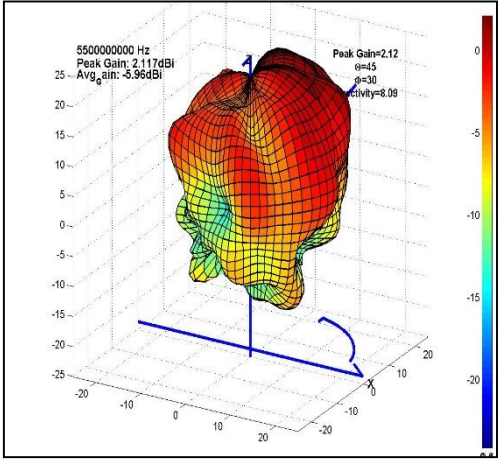
3) Gain

Application	Freq (MHz)	Efficiency (%)	Avg. Gain (dBi)	Peak Gain (dBi)
Dual Wi-Fi (R)	2400	27.86	-5.55	0.69
	2442	23.19	-6.35	-0.53
	2485	27.16	-5.66	-0.42
	5150	67.90	-1.68	-0.97
	5500	25.30	-5.97	-0.21
	5850	25.39	-5.95	-0.88

4) 3D Radiation Gain



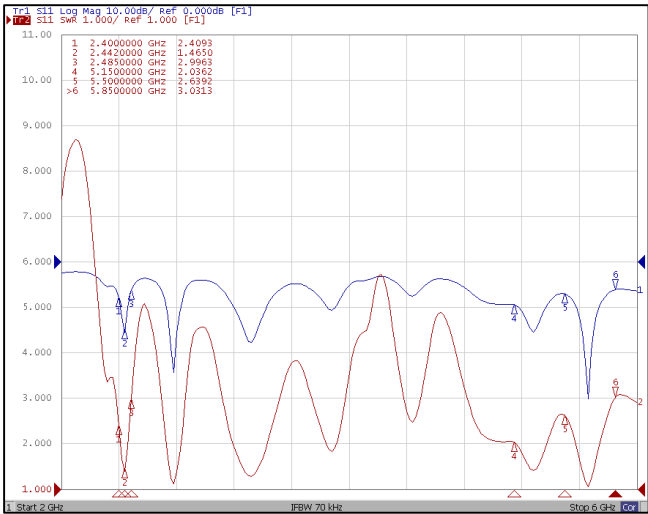
2442MHz



5500MHz

2. AMO-PCA-LG007 (L)

1) Return Loss & VSWR

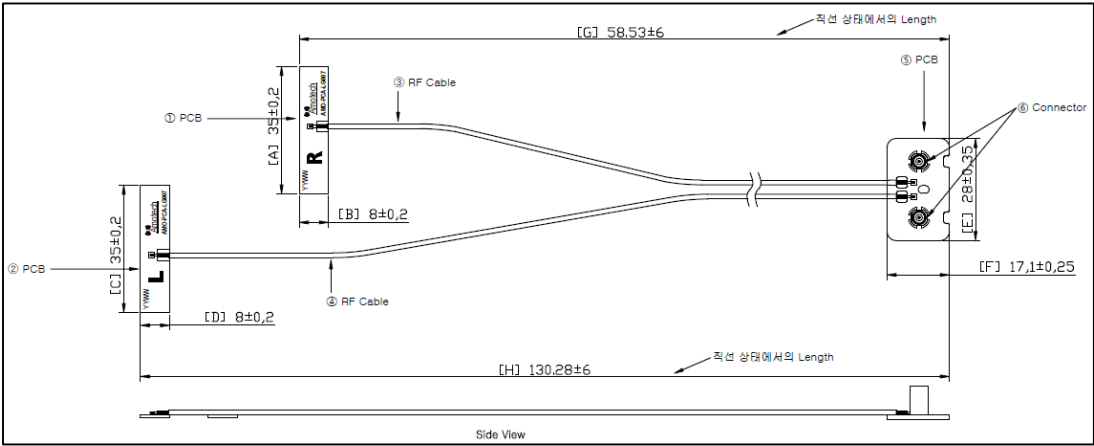


BT & 5GHz Wi-Fi (L)

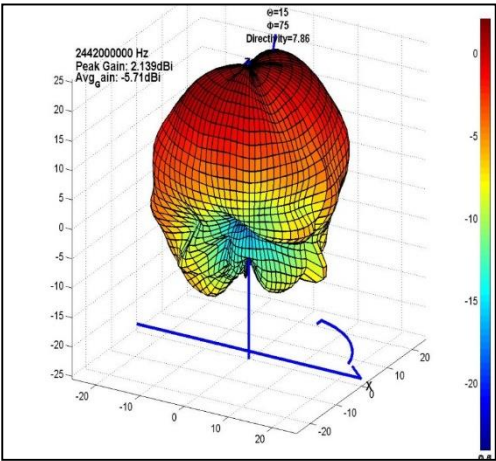
3) Gain

Application	Freq (MHz)	Efficiency (%)	Avg. Gain (dBi)	Peak Gain (dBi)
BT & 5GHz Wi-Fi (L)	2400	19.80	-7.03	0.86
	2442	26.80	-5.72	0.94
	2485	21.50	-6.68	0.04
	5150	42.93	-3.67	-1.05
	5500	37.78	-4.23	-0.24
	5850	28.88	-5.39	-0.78

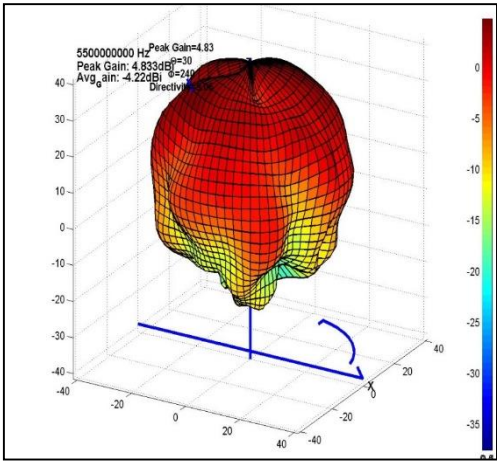
2) Drawing



4) 3D Radiation Gain



2442MHz



5500MHz