

승인원

제조사: (주) 모카시스템
모델명: APB
제품명: APB-BLE ANT

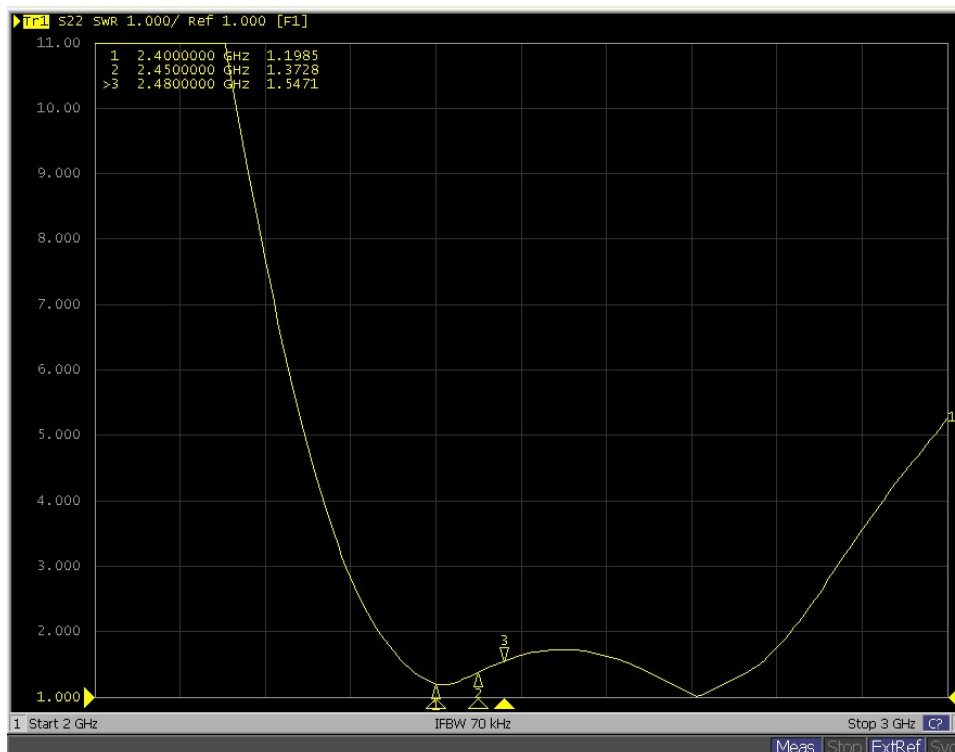
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page5 ----- 도면 및 사진

APB
BLE Antenna

Spec

Band	2.4GHz ISM
Frequency	2.4~2.483GHz
VSWR	≤ 2.0
Peak Gain	-8.77~-13.36 dBi
Avg Gain	-14.54 ~ -19.61 dBi
Directivity	Directional
Polarization	Linear
Imapedance	50 Ohms
TYPE	PCB(FR4) type PIFA

VSWR



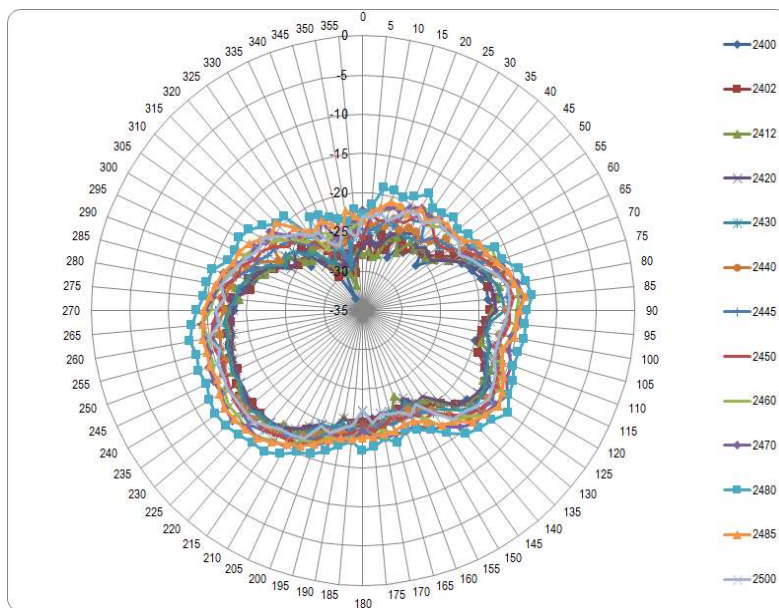
APB BLE Antenna

Radiation

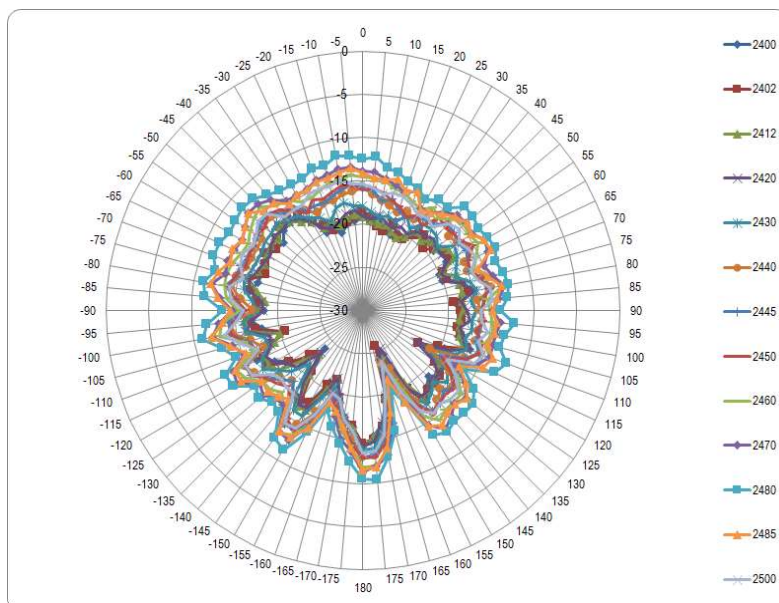
No	Frequency	Peak Value		Minimum Value		Avg. Gain	Efficiency
	[GHz]	Value[dBi]	Degree	Value[dBi]	Degree	[dBi]	[%]
1	2.402	-13.04	180 / 10	-38.56	165 / 0	-19.41	1.15
2	2.450	-11.25	145 / 235	-33.94	120 / 335	-17.39	1.83
3	2.480	-8.77	145 / 240	-33.16	120 / 340	-14.54	3.51
4	2.500	-11.79	145 / 245	-34.00	120 / 330	-17.17	1.92
5							

Pattern

H-Plane

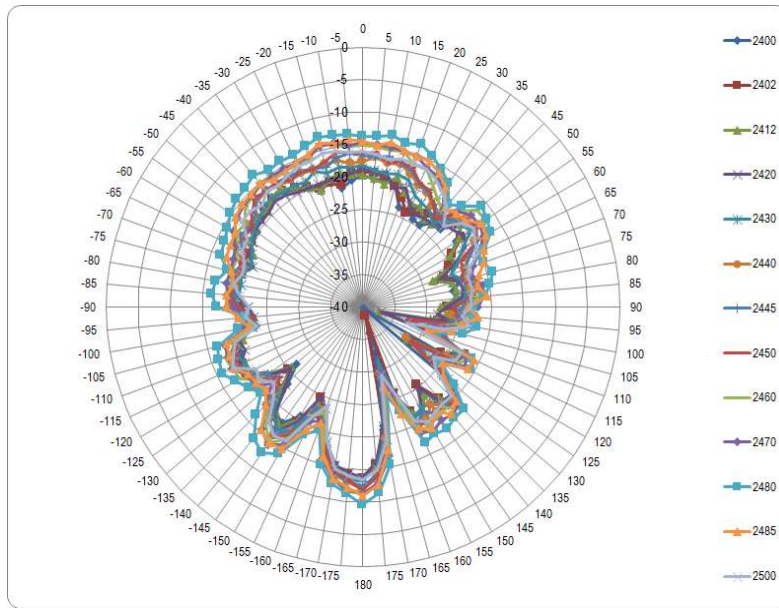


E1 Plane



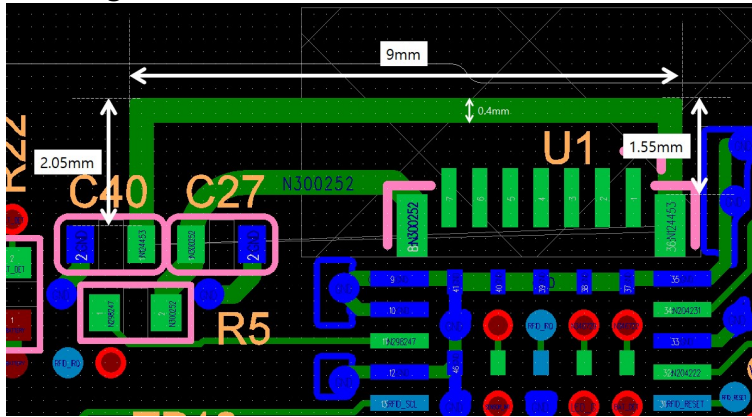
APB BLE Antenna

E2 Plane



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Drawing



Pictures

