

Antenna Information

Item	Contents
Antenna Type	LDS PIFA Antenna
Antenna peak gain	-5.62 dB i
Manufacturer / Model name	Partron / SM-R400N LEFT
Address of manufacturer	22, Samsung 1-ro 2-gil, Hwaseong-si, Gyeonggi-do, Republic of Korea, 18449
Test Laboratory	Partron
Antenna Length	9.56 mm
Antenna Width	6.87 mm

**RoHS FREE**



BFR | CFR | PVC | Sb | Ni | S

Approval Sheet

[Rev 1.0]

Part Name	BT Ant	Model	SM-R400N LEFT
Frequency band	BT(2.4GHz)		
Type	LDS	P/N	ALDBTR40LEU
Customer	SAMSUNG		
Production	korea / Vietnam	mold	#1
mold maker	Daegwang	injection supplier	Partron
plating supplier	Samin Precision	Date	2023-06-30
product photo			

※ We do not ask to provide technical data, and we do not use the acquired technical data unless there is a justifiable reason.

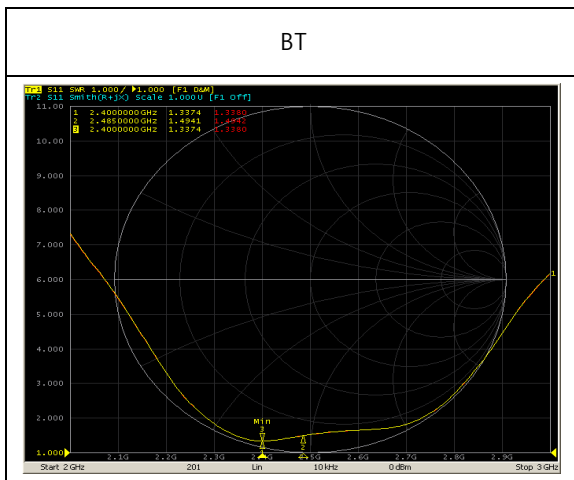
division	개발 [기안]	품질 [합의]	개발 [승인]
Approval	H. S. Lee		
Name	이효식	이광규	전찬익
Date	2023-06-30	2023-06-30	2023-06-30

Production	factory	address
Vietnam	V2	Plot 11 Khai Quang IZ, Vinh yen, Vinh Puct, Vietnam

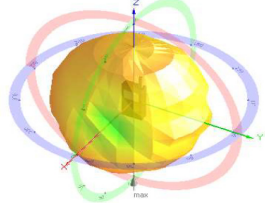
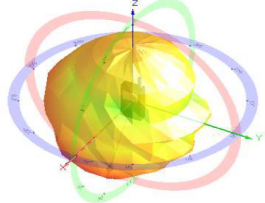
Model Name	SM-R400N LEFT	Company	Partron	Part Number	ALDBTR40LEU
Revision	1.0			Date	2023-06-30

3. SET Electrical Characteristics

3.1 VSWR



3.2 3D Radiation Pattern

주파수대역 (Frequency Band)	BT	
	2400 MHz	2485 MHz
3D Radiation Pattern		
Avg Gain [dBi]	-6.86	
Efficiency [%]	21.06	
Peak Gain [dBi]	-5.62	