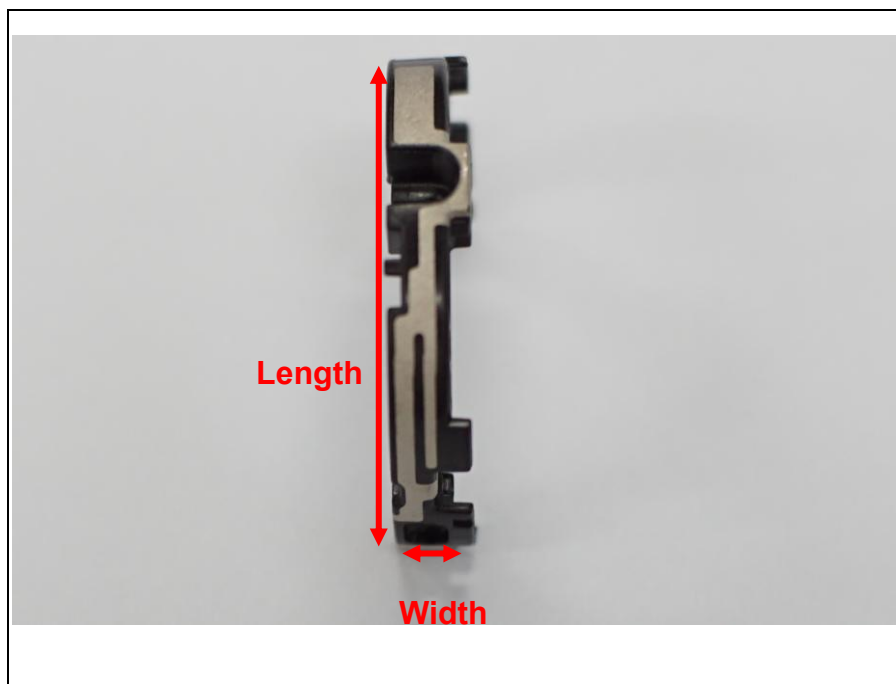


Antenna Information

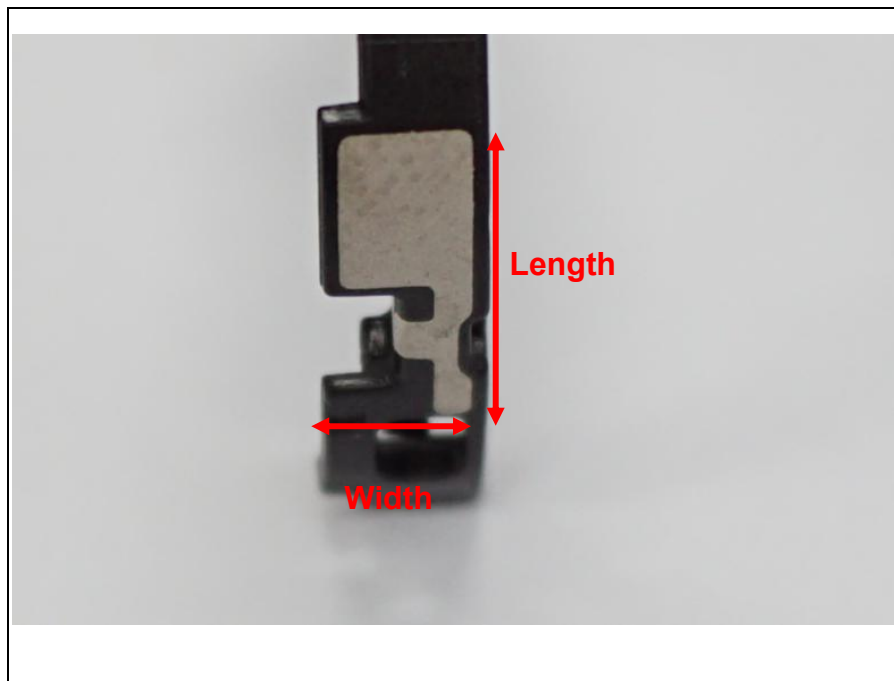
Item	Contents	
Mode	Bluetooth Low Energy	UWB
Antenna Type	LDS antenna	
Antenna peak gain	-1.19 dB i	1.99 dB i
Manufacturer / Model name	Galtronics Korea / SMART TAG3	Galtronics Korea / SMART TAG3
Address of manufacturer	Lot G-01, Que Vo industrial zone (extension area), Phuong Lieu ward, Bac Ninh Province, VietNam	
Test Laboratory	Galtronics Korea	
Antenna Length	29 mm	10 mm
Antenna Width	2 mm	2 mm

Antenna of Bluetooth Low Energy



Model name: EI-T5900

Antenna of UWB



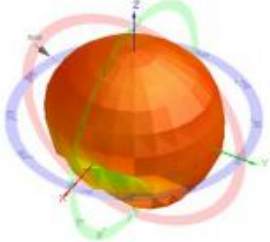
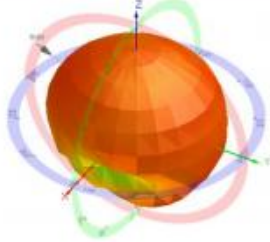
Model name: EI-T5900

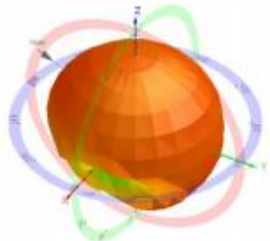
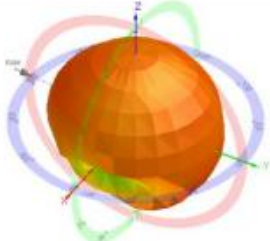
BLE

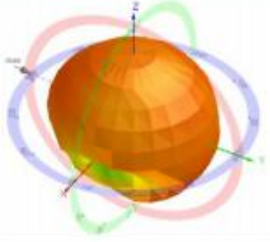
Electronics Specification					
Frequency Range (MHz)	BLE				
	2402	2412	2437	2467	2480
3D Average Gain (dBi)	-4.53	-4.39	-4.74	-5.35	-5.82
3D Efficiency (%)	35.23	36.42	33.59	29.17	26.16
3D Peak Gain (dBi)	-1.25	-1.19	-1.72	-2.11	-2.59

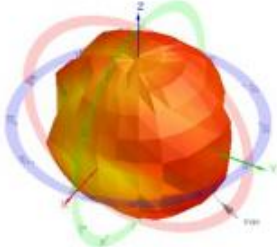
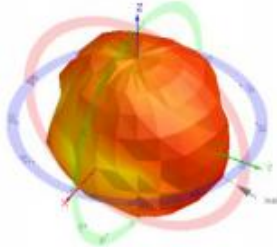
UWB

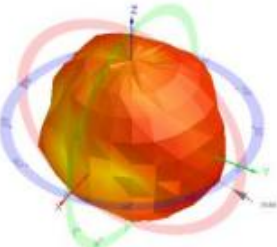
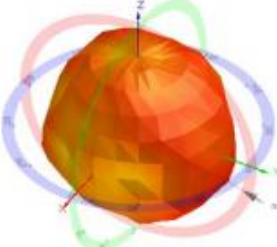
Electronics Specification								
Frequency Range (MHz)	UWB							
	7737.6	7850	7900	7987.2	8050	8100	8200	8236.8
3D Average Gain (dBi)	-3.08	-3.11	-2.91	-2.95	-3.47	-3.35	-4.25	-4.57
3D Efficiency (%)	49.16	48.83	51.15	50.67	44.98	46.28	37.6	34.92
3D Peak Gain (dBi)	2.22	1.8	2.18	1.99	1.37	1.28	0.13	-0.09

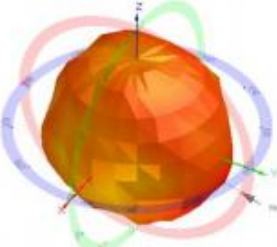
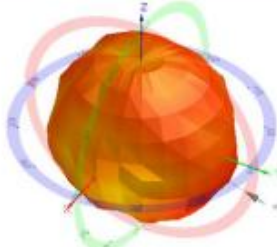
주파수 대역	BLE	
Frequency[MHz]	2402	2412
3D Radiation Pattern		

주파수 대역	BLE	
Frequency[MHz]	2437	2467
3D Radiation Pattern		

주파수 대역	BLE
Frequency[MHz]	2480
3D Radiation Pattern	

주파수 대역	UWB	
Frequency[MHz]	7737.6	7850
3D Radiation Pattern		

주파수 대역	UWB	
Frequency[MHz]	7900	7987.2
3D Radiation Pattern		

주파수 대역	UWB	
Frequency[MHz]	8050	8100
3D Radiation Pattern		

주파수 대역	UWB	
Frequency[MHz]	8200	8236.8
3D Radiation Pattern	