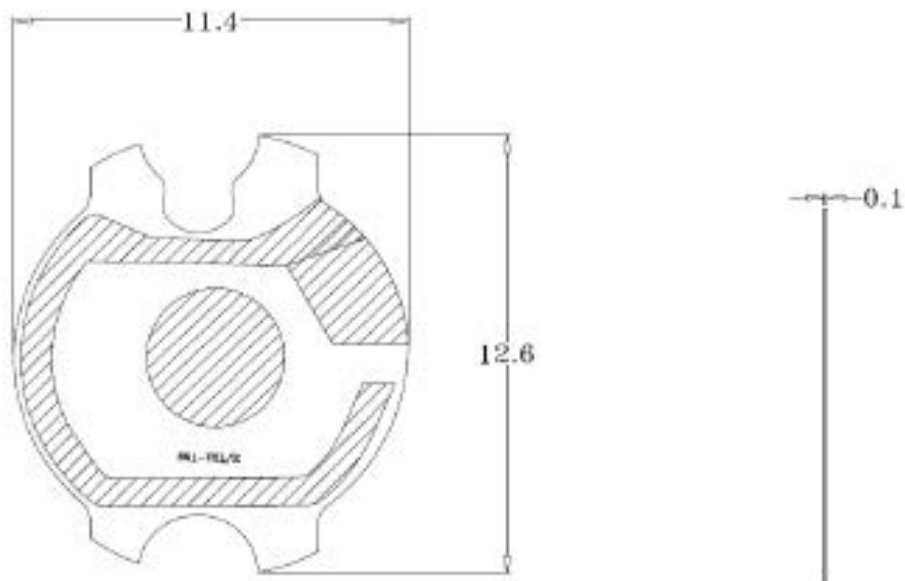


Model: A891

Operation frequency: 2402-2480MHz

Antenna Type: FPC Antenna

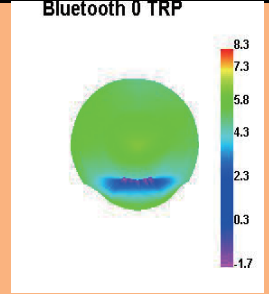
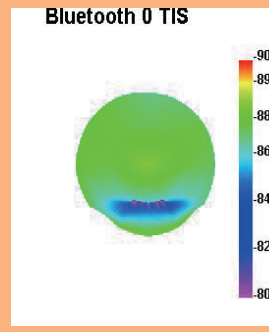
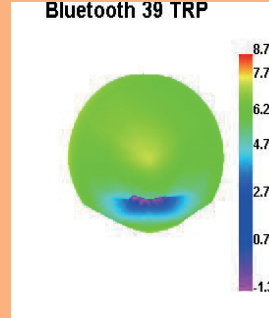
Antenna Gain: 0.08dBi(Max)



Passive efficiency

Passive Test For BT										
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Gain Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
2400	30.1	-5.21	-1.05	-3.2	11.802	18.297	-1.05	-13.22	49.92	49.27
2410	29.35	-5.32	-1.26	-3.41	11.673	17.674	-1.26	-12.58	50.17	49.61
2420	30.21	-5.2	-1.3	-3.45	12.053	18.156	-1.3	-12.1	49.8	49.38
2430	32.15	-4.93	-1.19	-3.34	12.833	19.317	-1.19	-11.82	49.79	49.16
2440	34.26	-4.65	-0.87	-3.02	13.732	20.531	-0.87	-11.6	49.78	48.96
2450	37.02	-4.32	-0.51	-2.66	14.863	22.16	-0.51	-11.37	49.91	49.15
2460	39.13	-4.08	-0.19	-2.34	15.802	23.325	-0.19	-11.25	50.2	49.43
2470	36.91	-4.33	-0.39	-2.54	14.917	21.992	-0.39	-11.35	50.35	49.79
2480	37.24	-4.29	-0.18	-2.33	15.054	22.19	-0.18	-10.67	50.44	50.42
2490	37.7	-4.24	0.05	-2.1	15.24	22.458	0.05	-10.15	50.81	51.03
2500	37.04	-4.31	0.08	-2.07	14.995	22.042	0.08	-10.88	50.45	50.07

Active efficiency test data

BT	Channel	3D Coupling test	field strength pattern
TRP	0	3.84	<p>Bluetooth 0 TRP</p> 
TIS	0	-86.48	<p>Bluetooth 0 TIS</p> 
TRP	39	4.82	<p>Bluetooth 39 TRP</p> 

Active efficiency test data

BT	Channel	3D Coupling test	field strength pattern
TIS	39	-87.12	<p>Bluetooth 39 TIS</p>
TRP	78	4.68	<p>Bluetooth 78 TRP</p>
TIS	78	-87.55	<p>Bluetooth 78 TIS</p>