

4G 79.4x21 BYD L60CM1 Antenna



FEATURES



- 3.6 dBi Peak Gain
- Welding RG 1.13 cable, Ipex connector, 3M sticker for easy installation.
- For smart device wireless, Zigbee, Bluetooth terminal wireless receiving antenna transmitter antenna
- Mounting to: non-conductive surface
- Installation type: adhesive

PRODUCTS

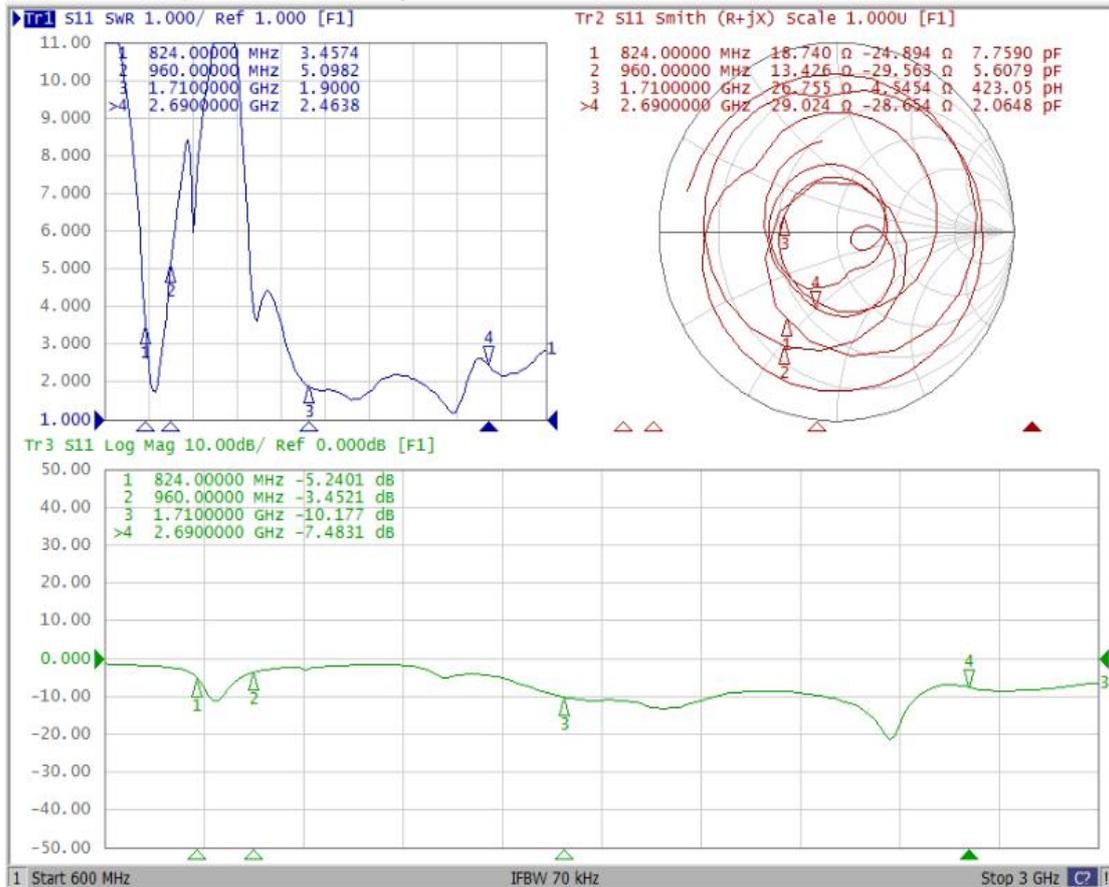
Part No.	Weight	Dimensions (L x WxH)	Cables Dimensions	Connector	Color
M01-0501010ROA	0.7g	FPC:79.4*21.0*0.2 mm	Φ1.13*60mm	IPX1	Black

SPECIFICATIONS

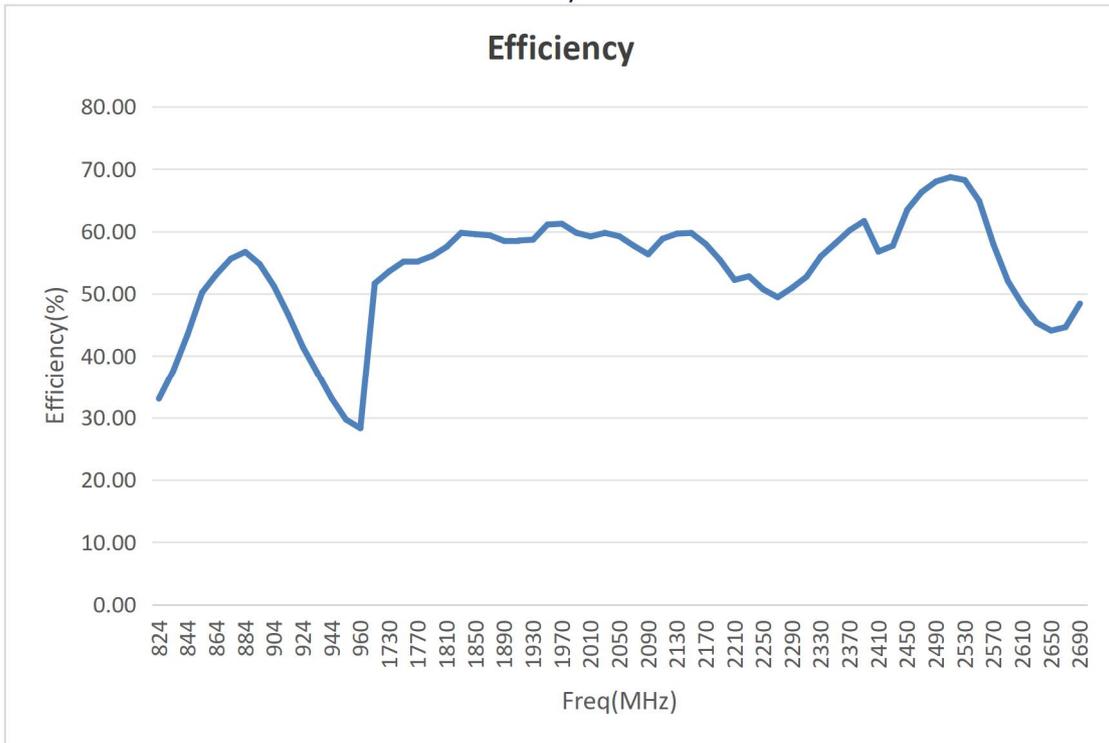
PARAMETER	SPECIFICATION	
Frequency Bands, MHz	824-960	1710-2690
VSWR (Max)	5.0:1	2.5:1
Peak Gain, dBi (Typ)	Up to 3.60	
Peak Efficiency,%	68.7	
Nominal Impedance	50 Ω	
Max Power (ambient temp of 25°C)	10 Watts	
Azimuth Beam Width (deg)	Omnidirectional	
Polarization	Linear	
Color	Black	
Storage Temperature Range (°C)	-40° C to +85° C	
Operational Temperature Range (°C)	-40° C to +85° C	
Material Substance Compliance	REACH/RoHS Compliant	

ELECTRICAL DATA

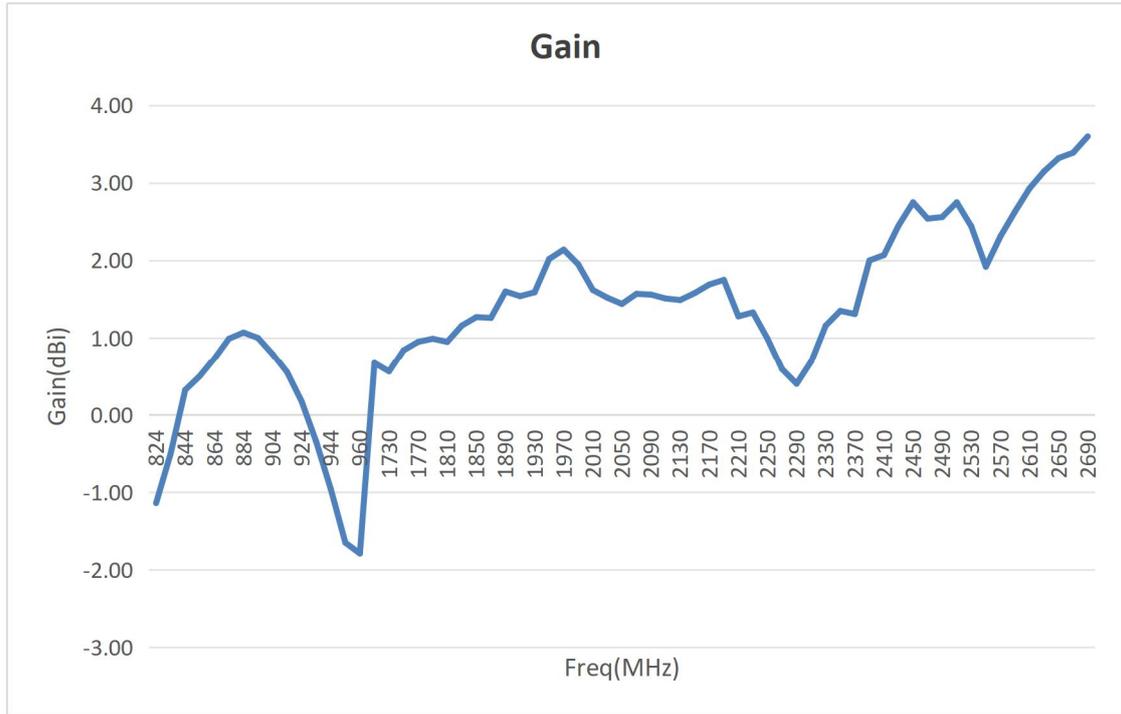
Return Loss



Efficiency (%)



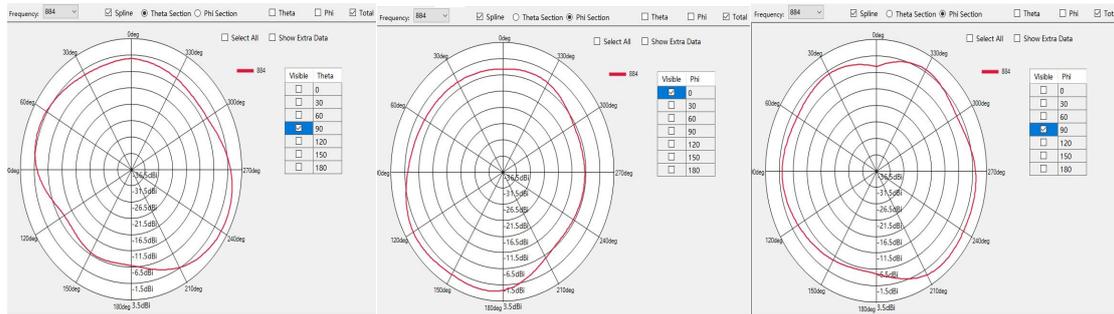
Peak Gain (dBi)



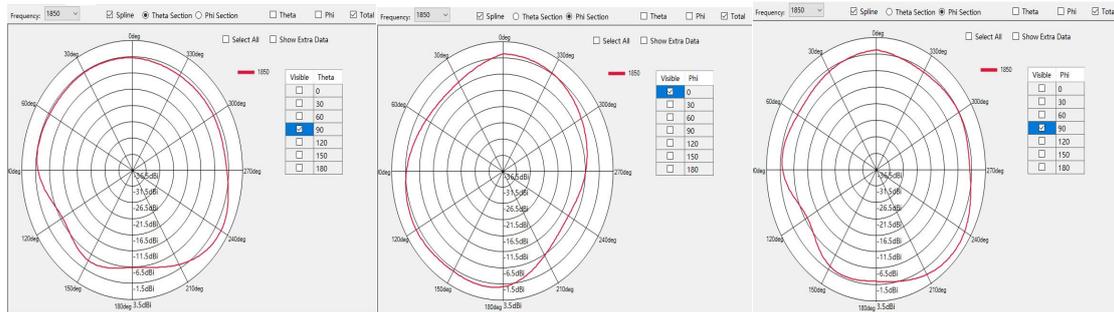
Freq(M Hz)	Gain(d Bi)	Efficiency(%)	Freq(M Hz)	Gain(d Bi)	Efficiency(%)	Freq(M Hz)	Gain(d Bi)	Efficiency(%)
824	-1.14	33.03	1850	1.27	59.55	2290	0.40	50.95
834	-0.50	37.61	1870	1.26	59.37	2310	0.69	52.72
844	0.32	43.50	1890	1.60	58.46	2330	1.16	56.00
854	0.50	50.19	1910	1.54	58.54	2350	1.35	58.07
864	0.73	53.13	1930	1.59	58.67	2370	1.31	60.18
874	0.99	55.62	1950	2.02	61.10	2390	2.00	61.66
884	1.07	56.71	1970	2.14	61.23	2410	2.07	56.76
894	1.00	54.76	1990	1.95	59.78	2430	2.45	57.70
904	0.79	51.20	2010	1.62	59.19	2450	2.75	63.47
914	0.55	46.58	2030	1.52	59.76	2470	2.54	66.30
924	0.17	41.47	2050	1.44	59.21	2490	2.56	68.01
934	-0.35	37.29	2070	1.57	57.69	2510	2.75	68.70
944	-0.96	33.10	2090	1.56	56.32	2530	2.44	68.23
954	-1.65	29.66	2110	1.51	58.83	2550	1.92	64.88
960	-1.79	28.27	2130	1.49	59.64	2570	2.31	57.86
1710	0.67	51.66	2150	1.58	59.75	2590	2.63	52.01
1730	0.56	53.59	2170	1.69	57.96	2610	2.93	48.28
1750	0.84	55.15	2190	1.75	55.38	2630	3.15	45.34
1770	0.95	55.19	2210	1.28	52.22	2650	3.32	44.09
1790	0.99	56.07	2230	1.33	52.80	2670	3.39	44.64
1810	0.95	57.53	2250	0.99	50.69	2690	3.60	48.42
1830	1.16	59.77	2270	0.59	49.44			

RADIATION PATTERNS

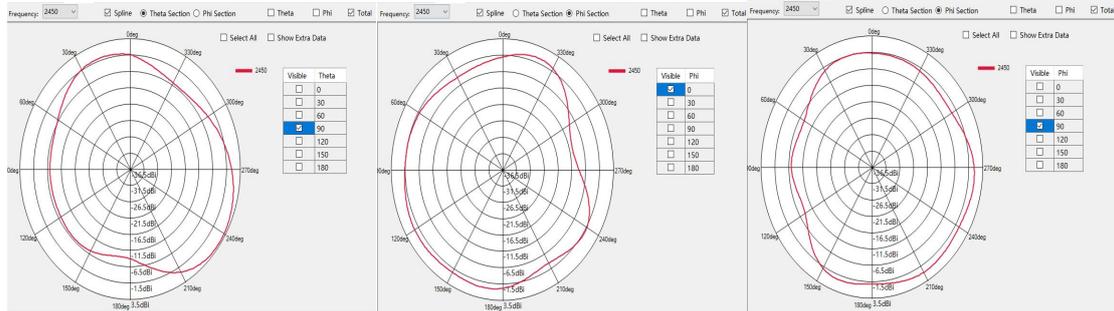
2D Radiation Pattern at 884MHz Gain=1.07



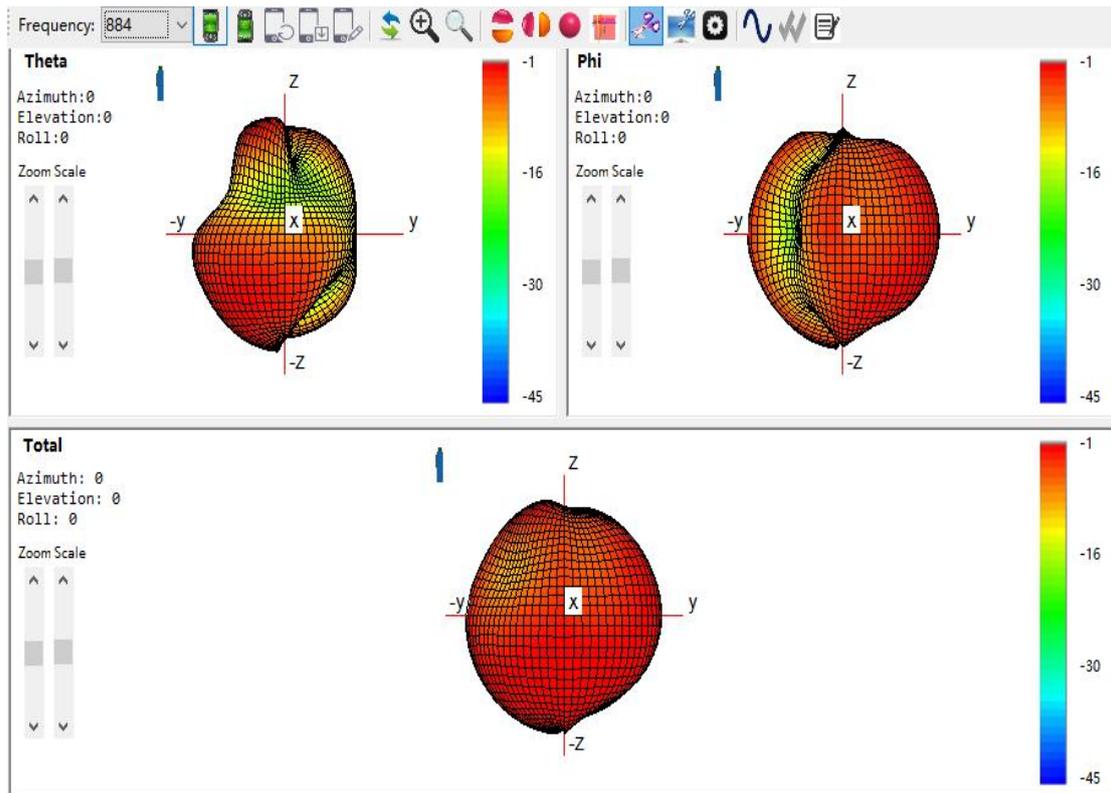
2D Radiation Pattern at 1850MHz Gain=1.27



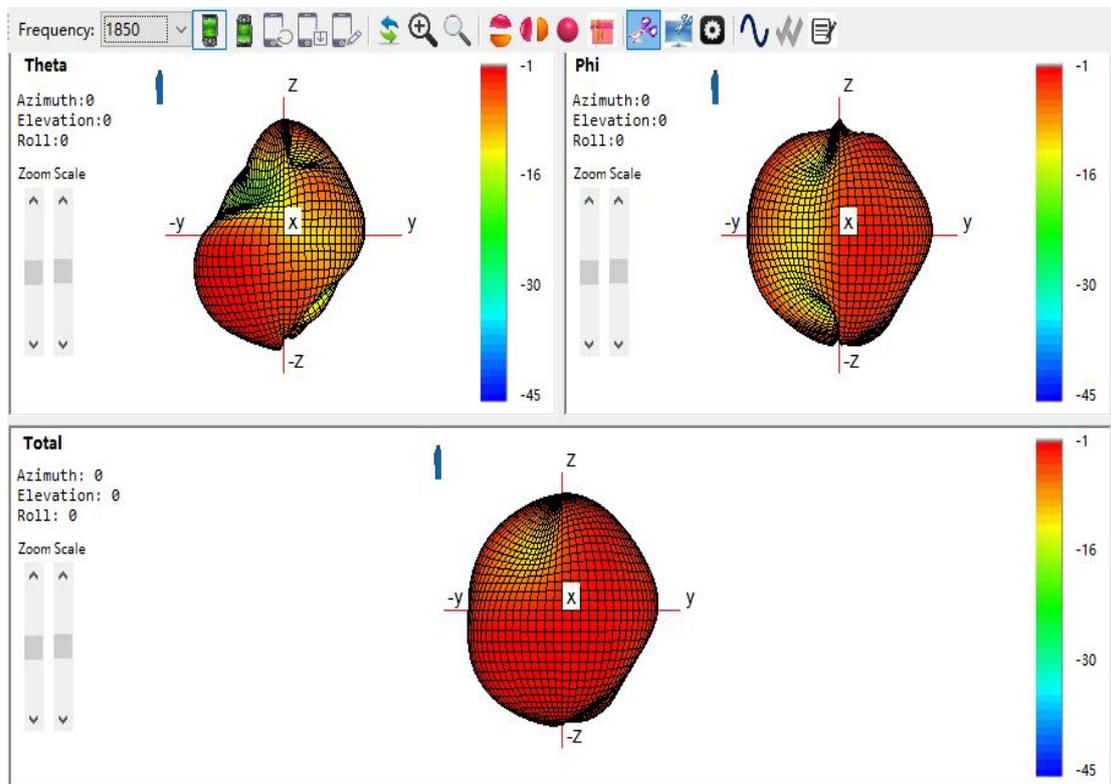
2D Radiation Pattern at 2450MHz Gain=2.75



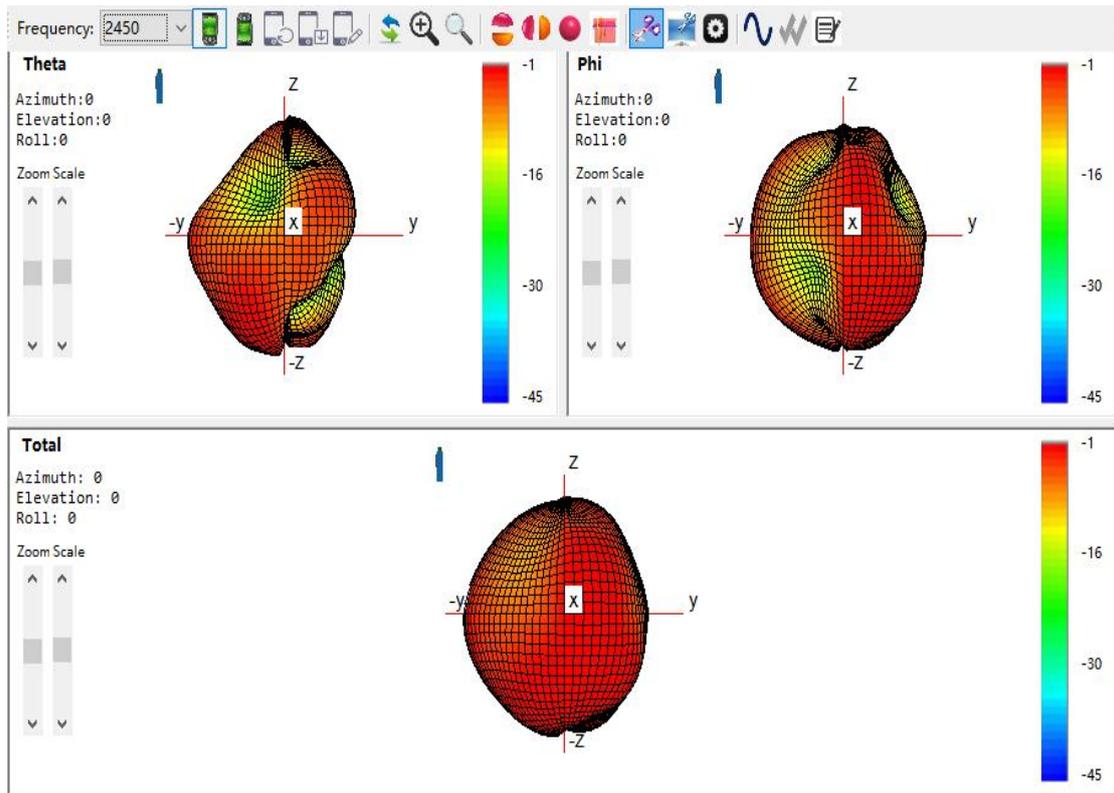
3D Radiation Pattern at 884MHz Gain=1.07



3D Radiation Pattern at 1850MHz Gain=1.27



3D Radiation Pattern at 2450MHz Gain=2.75



HOUSING CONFIGURATIONS

