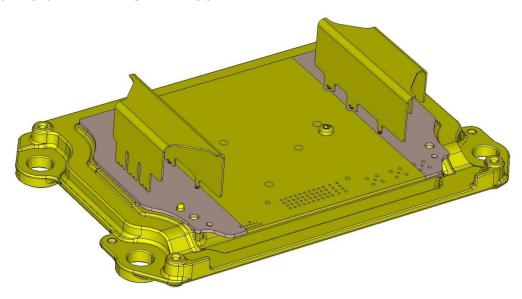
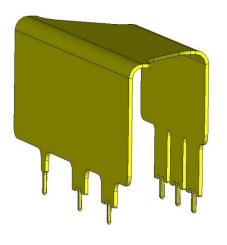
LTE Antenna – On Engine for Gen2A B1

LTE Antenna

Antenna Design

- ► Antenna is designed for CCU with housing, PCB and Connectors
 - ▶ 3D Folded U Shape Antenna is used
 - ► Higher Efficiency and Covers All the Regions
 - ► Max. Size: 73.5mm x 21.8mm x 33.2mm







LTE Antenna Antenna Specifications

Specifications	Value	
Frequency Range (MHz)	LB: 700 to 960 HB: 1700 to 2700	
VSWR	4:1 for LB 2:1 for HB	
Impedance	50 Ohm	
Efficiency	40% for LB60% for HB	
Polarization	Linear	
Connector	Integrated (Through Hole)	
Power Handling Capacity	4W (CW)	
Dimensions	73.5mm x 21.8mm x 33.2mm	



LTE Antenna

Effective Peak Gain – (Metal Antenna+Trace+RF_Switch)

Frequency (MHz)	Gain (dBi)
700	-3.3
750	-2.7
800	-1.8
850	0
900	0.4
960	0.35
1700	4.3
1750	4.4
1800	4.6
1850	5.2
1900	5.2
1950	5.2
2000	4.6

Frequency (MHz)	Gain (dBi)
2050	4.7
2100	5.2
2150	5.1
2200	5.1
2250	4.6
2300	4.4
2350	4.3
2400	4.6
2450	4.5
2500	3.8
2550	2.7
2600	1.9
2650	1.2
2700	1.7

