

## **Unlicensed Band Antenna Gain**

**Model: SM-F936B, SM-F936B/DS**

**FCC ID: A3LSMF936B**

## - Passive Gain

BT / WiFi1	
Frequency(MHz)	Peak Gain(dBi)
2400	-3.00
2412	-2.58
2437	-2.35
2442	-2.09
2462	-2.05
2472	-2.12
2484	-2.35
2500	-2.29
5150	-4.17
5200	-4.20
5300	-4.24
5400	-3.69
5500	-4.98
5600	-4.69
5700	-3.65
5850	-3.88
5950	-3.83
6350	-7.21
6700	-8.90
7100	-9.40

BT / WiFi2	
Frequency(MHz)	Peak Gain(dBi)
2400	-8.40
2412	-7.46
2437	-5.98
2442	-5.68
2462	-5.55
2472	-5.25
2484	-5.15
2500	-5.39
5150	-3.45
5200	-3.74
5300	-3.62
5400	-3.86
5500	-4.86
5600	-3.96
5700	-3.99
5850	-3.64
5950	-3.42
6350	-10.50
6700	-8.64
7100	-11.46

## A3LSMF936B UWB Antenna Gain

Q4_Metal Antenna		Frequency	Peak gain (dBi)
NA	CH5	6.25GHz	-3.8
		6.5GHz	-2.4
		6.75GHz	-4.9
	CH9	7.75GHz	-3.9
		8GHz	-4.3
		8.25GHz	-5.4

Q4_Patch Tx		Frequency	Peak gain (dBi)
NA	CH9	7.75GHz	-6.6
		8GHz	-2.2
		8.25GHz	-5.5