

MSA Lunar Antenna Info

2/7/2021

Antenna type/gain data

Table 1 Antenna type and gain data.

Antenna	Type	Frequency (MHz)	Peak Gain (dBi)
subGHz	Monopole	869, 906, 918, 927	-2.7, -3.6, -6, -7.6
2.4GHz – 1	PIFA	2401, 2442, 2481	+1.3, +2.3, +1.1
2.4GHz – 2	PIFA	2401, 2442, 2481	+1.3, -0.8, -2.2
2.4GHz – 3	Patch Array (receive only)	2401, 2442, 2481	+3.5, +3.8, 2.6
BLE/BT	Chip	2401, 2442, 2481	-1.0
GNSS	Chip (receive only)	1560-1610	-3.2
LTE	Chip	700-960, 1710-2155	-3.3, +2.9