

Exhibit I: Antenna Description

FCC ID: HN2SB555-2

5.0 Antenna Specifications:

5.1 Frequency: See parts tabulation below

5.2 Antenna Gain: -001 P/N - 1.3 dBi
-002 P/N - 3 dBi
-003 P/N - 3 dBi
-004 P/N - 4 dBi

5.3 VSWR: -001 P/N - 2.0:1 upper band
-002 P/N - 3.0:1 lower band/3.0:1 upper band
-003 P/N - 3.8:1 lower band/2.5:1 upper band
-004 P/N - 3.0:1 upper band

5.4 Power: 1 Watt

5.5 Radiation: Omnidirectional

5.6 Polarization: Linear

5.7 Nominal Impedance: 50 Ohms

6.0 Mechanical Ratings:

6.1 Mounting Means: SMA plug mount (mounts to SMA receptacle, per tabulation below)

6.2 Element Length: -001 P/N - $1/2\lambda$
-002 P/N - $1/4\lambda$
-003 P/N - $1/4\lambda$
-004 P/N - $1/4\lambda$

6.3 Ambient Operating Temperature: -30°C to +60°C

7.0 Materials:

7.1 Antenna Material: Not specified

7.2 Sheath Material: 50/50 blend of K-Resin and Santoprene 7311

8.0 Parts Tabulation:

Part Number	Lower Band Freq. (MHz)	Upper Band Freq. (MHz)	Interconnection	Length L (inch)	Color Dot
-001	none	2400 to 2483.5	rev. sex SMA plug	2.23	green
-002	824 to 894	1850 to 1990	std. sex SMA plug	2.23	red
-003	890 to 960	1700 to 1880	std. sex SMA plug	2.23	blue
-004	none	1850 to 1990	std. sex SMA plug	1.10	white

9.0 Outline Drawing (inches):

