

Engr. Spec. #	Importance	Source	Specification (description)	Unit of Measure	Marginal Value	Ideal Value	Comments/Status	Verification Method
ES1	1	CN7, CN8	Mass	kg	<0.3	0.2	Determined from IM Meeting	Measure
ES2	3	CN1, CN6	Configurable by licensed electronic technician	Binary	OK	OK	TBD	Demonstration
ES4	9	CN2, CN5	Authorized Transmit Frequency	Binary	OK	OK	FCC Regulation	Inspection
ES5	9	CN2, CN5	Number of available channels	units	15	25		Demonstration
ES6	9	CN2, CN4	Transmitter Power Output (TPO)	watt	Noise Floor +86.246dBm	<30dBm	FCC Regulation	Measure or Calculation
ES7	9	CN5	Data Rate	kbps	>40	56		Demonstration
ES8	9	CN2, CN4	Range	m	>100	200	TBD	Demonstration
ES9	9	CN5	Regulatory Agency Compliance	Binary	OK	OK	FCC Regulation	Inspection
ES10	3	CN4	Bit Error Rate (BER)	%	<0.12	0.001		Demonstration
ES12	1	CN9	Printed Documentation/Manual	Binary	NOK	OK		Inspection
ES13	9	CN1	Meet interface specifications as defined in the System Interface Specifications document	Binary	OK	OK	Determined from IM Meeting	Inspection
ES14	3	CN7	Width	cm	9 +/- 0.127	9	Determined from IM Meeting	Measure
ES15	3	CN7	Length	cm	7 +/- 0.127	7	Determined from IM Meeting	Measure
ES16	3	CN7	Height	cm	<3	-	Determined from IM Meeting	Measure
ES18	1	CN10	Price per board	\$	<300	-	Determined from RF Meeting	Inspection