

CUSTOMER: _____

NOTE: _____

MODEL NO: 970980W-20/387SSERIAL NO: 415

ITEM NO	SPECIFICATION	TEST DATA	
Transmitter Specifications			
1	Transmitter RF Frequency (GHz)	95 GHz to 100 GHz	95 GHz to 100 GHz
2	Transmitter IF Frequency (GHz)	2.1 GHz	2.1 GHz
3	Transmitter LO	Mechanically Controlled VCO	set at 95 GHz
4	Transmitter Conversion Gain (dB)	30 dBm	36 dBm typ
5	Transmitter Pout (dBm)	20 dBm typ over band	19.5 dBm typ over band
6	Antenna Gain	10dB	15dB
7	Maximum IF Input Power (C.W.)	+5 dBm Maximum	
Receiver Specifications			
8	Receiver IF Frequency (GHz)	2.1 GHz Fixed	2.1 GHz
9	Receiver RF Frequency (GHz)	95 GHz - 100 GHz	95 GHz - 100 GHz
10	Receiver LO	Mechanically Controlled VCO	set at 95 GHz
11	Receiver Conversion Gain (dB)	35 dB	39 dB typ
12	Noise Figure	5 dB	4 dB typ over band
13	Antenna Gain	10 dB	15 dB
14	Maximum RF Input Power (C.W.)	+0 dBm Maximum	

TESTED BY: JKDATE: 2021-03-03

