

CUSTOMER: NA

NOTE: Transmitter/Receiver

MODEL NO: 970980A-35.61/KF

SERIAL NO: NA

ITEM NO	SPECIFICATION	TEST DATA
1	Input/Output Frequency	35.61 GHz
2	Bandwidth	600 MHz
3	External LO Power	0 dBm to 6 dBm
4	External LO Frequency	TBD
5	VCO Internal	0 to 5 Volts
6	LO Frequency Stability	50 ppb or Better
7	IF Frequency	4 to 5.5 GHz
8	Downconverter Input Power Level	0 to -20 dBm
9	Upconverter Input Power Level	-45 to -20 dBm
10	P1dB for RF Input	15 dBm
11	P1dB for IF Input	-5 dBm
12	IF Output Power Level	-10 dBm to 10 dBm
13	RF Output Power Level	0 dBm to 6 dBm
14	Harmonics	20 dBc
15	Gain Flatness (Peak to Peak)	1 dB
16	Power Supply	~230 Vac, 50Hz

TESTED BY: N/A

DATE: 2021-03-12



ITEM NO	SPECIFICATION	TEST DATA
17	Connector (IF I/O)	N-type Female Coax
18	Connector (RF I/O and External Fed LO)	K-type Female Coax
19	Chasis	19
20	Operating Temperature	0° to 40° C

LO Source: Internal & option for external feed also (switchable externally/mechanically). Provision to sweep the freq ±100KHz around LO freq selected.

TESTED BY: N/A

DATE: 2021-03-12