

CUSTOMER: _____

NOTE: _____

MODEL NO: 958A-33.5/17/381/ER

SERIAL NO: 990

ITEM NO	SPECIFICATION	TEST DATA	
1	Frequency (GHz)	30 GHz	33 GHz
2	Pout	17 dBm typ	17 dBm typ
3	External Reference	10 MHz @ 3-7 dBm	10 MHz @ 3-7 dBm
4	Bias	+6V DC	+6V DC @ 640 mA
		+8V DC MAX	
5	Harmonic Level	-30 dBc typ	-30 dBc typ; Except Fo -20 dBc typ
6	Spurious Level	-60 dBc max	-60 dBc
7	Phase Noise 10-100 kHz	-90 dBc / Hz	Ref Noise + 20log(n) + 3db
8	Resolution	50 kHz (1 kHz steps available if required)	1 kHz

1. **10 MHz Reference must be on before or at the same time as PLO Power.**

2. Warranty Void if RF Input Power and/or DC Voltage exceeds maximum rating specified above.

3. Reverse biasing will destroy the amplifier. Warranty void

4. Synthesizer will automatically default 30 GHz when powered on.

5. All data taken @ +23°C unless otherwise specified.

6. Case temperature of the Amplifier should never exceed above +60°C.

TESTED BY: J.K.

DATE: 2021-06-17

