



Technical Specification

Frequency Range(GHz)	5.0-6.0
Step Size(MHz)	5
Power Output(dBm)	20 min
Phase Noise(dBc/Hz)	-90 @1KHz
Stability(ppm/°C)	±0.03 @+25°C
Spurious(dBc)	-65
Harmonics(dBc)	-15
Frequency Control	RS232
Power Supply(V/mA)	+12/900
Connector	SMA-Female
Operating Temperature(°C)	-10 ~ +50
Storage Temperature(°C)	-20 ~ +60



Test Results

Test Temperature: -10°C

Voltage: +12V

Current: 420mA

Air Pressure: Normal Pressure

Frequency (GHz)	Power (dBm)	Phase Noise (dBc/Hz@1KHz)	Spurious (dBc)	Harmonics (dBc)
5.0	≥20	≤-90	≤-65	≤-15
5.1	≥20	≤-90	≤-65	≤-15
5.2	≥20	≤-90	≤-65	≤-15
5.3	≥20	≤-90	≤-65	≤-15
5.4	≥20	≤-90	≤-65	≤-15
5.5	≥20	≤-90	≤-65	≤-15
5.6	≥20	≤-90	≤-65	≤-15
5.7	≥20	≤-90	≤-65	≤-15
5.8	≥20	≤-90	≤-65	≤-15
5.9	≥20	≤-90	≤-65	≤-15
6.0	≥20	≤-90	≤-65	≤-15

Test Temperature: +25°C

Voltage: +12V

Current: 430mA

Air Pressure: Normal Pressure

Frequency (GHz)	Power (dBm)	Phase Noise (dBc/Hz@1KHz)	Spurious (dBc)	Harmonics (dBc)
5.0	≥20	≤-90	≤-65	≤-15
5.1	≥20	≤-90	≤-65	≤-15
5.2	≥20	≤-90	≤-65	≤-15
5.3	≥20	≤-90	≤-65	≤-15
5.4	≥20	≤-90	≤-65	≤-15
5.5	≥20	≤-90	≤-65	≤-15
5.6	≥20	≤-90	≤-65	≤-15
5.7	≥20	≤-90	≤-65	≤-15
5.8	≥20	≤-90	≤-65	≤-15
5.9	≥20	≤-90	≤-65	≤-15
6.0	≥20	≤-90	≤-65	≤-15



JXWBPZ-5000-6000
5.0~6.0GHz Frequency Synthesizer

Test Temperature: +70°C

Voltage: +12V

Current: 410mA

Air Pressure: Normal Pressure

Frequency (GHz)	Power (dBm)	Phase Noise (dBc/Hz@1KHz)	Spurious (dBc)	Harmonics (dBc)
5.0	≥20	≤-90	≤-65	≤-15
5.1	≥20	≤-90	≤-65	≤-15
5.2	≥20	≤-90	≤-65	≤-15
5.3	≥20	≤-90	≤-65	≤-15
5.4	≥20	≤-90	≤-65	≤-15
5.5	≥20	≤-90	≤-65	≤-15
5.6	≥20	≤-90	≤-65	≤-15
5.7	≥20	≤-90	≤-65	≤-15
5.8	≥20	≤-90	≤-65	≤-15
5.9	≥20	≤-90	≤-65	≤-15
6.0	≥20	≤-90	≤-65	≤-15