

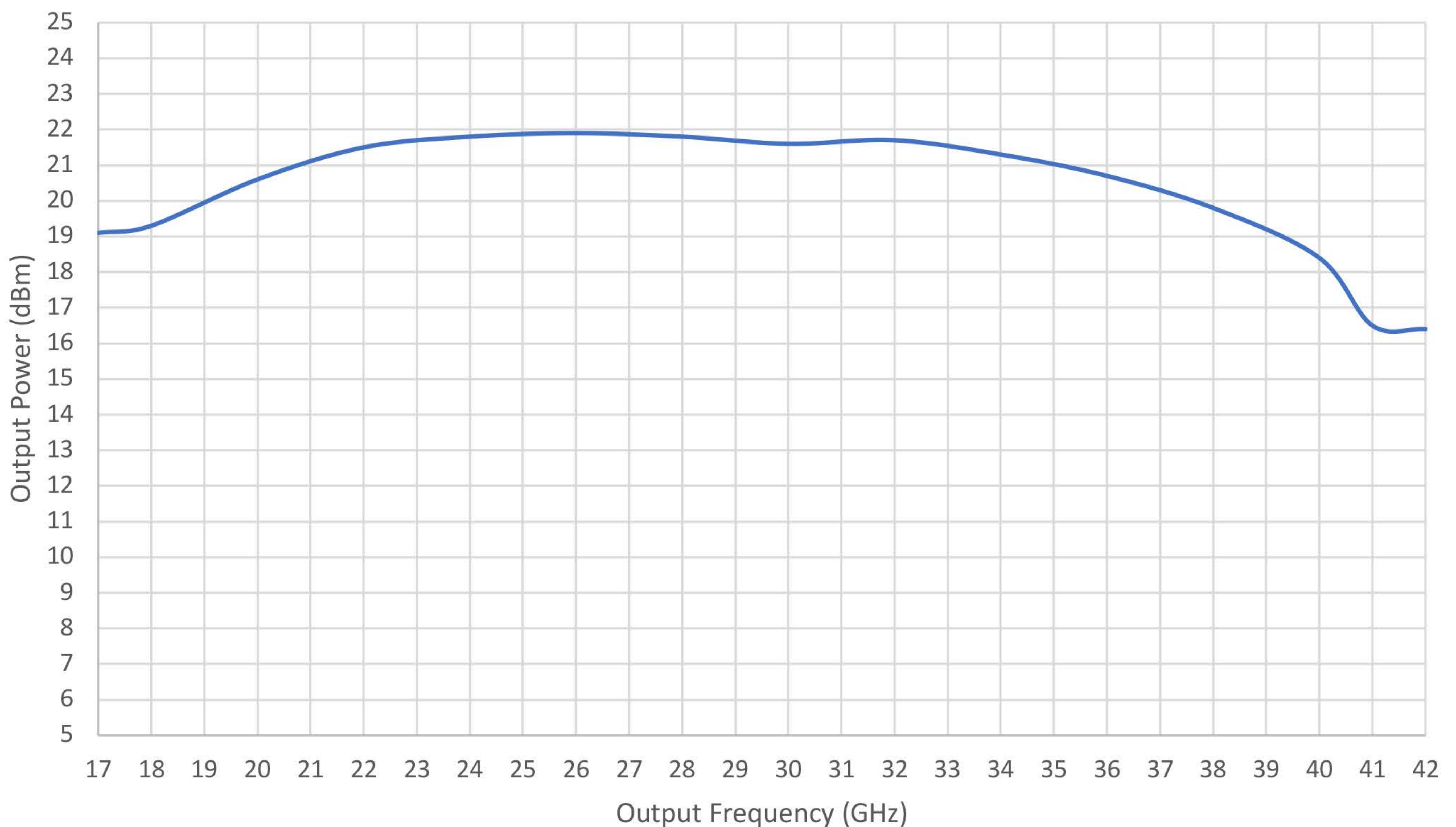
18-41 GHz 4x Multiplier

P/N: QMC-MX4K-F1841

- Low Input Power
- Broad Band Operation
- Units can be separated for use as 2 separate 2x multipliers
- Low Harmonic Content
- High Output Power

Parameter	Specification	Notes
Input Frequency	4.5 to 10.25 GHz	Functional 4.0* to 10.5 GHz
Input Power	-3 to 0 dBm	See below for added freq. operation
Output Frequency	18 to 41 GHz	16 to 42 GHz
Output Power	+20 dBm typ	+15 dBm min
Harmonic Content	-20 dBc typ	-15 dBc max
Bias	+8 to +10 VDC	750 mA
Connectors	SMA(F) input	2.92mm(F) Output

Measured Data (Preliminary Response @ -2 dBm input power)



* Operation From 4.0 to 4.5 GHz (16 to 18 GHz) requires input power to be reduced to -12 dBm

Harmonic content (referenced to x4 output power)

