

# 18 – 42 GHz Doubler

P/N: QMC-M2K-F1842

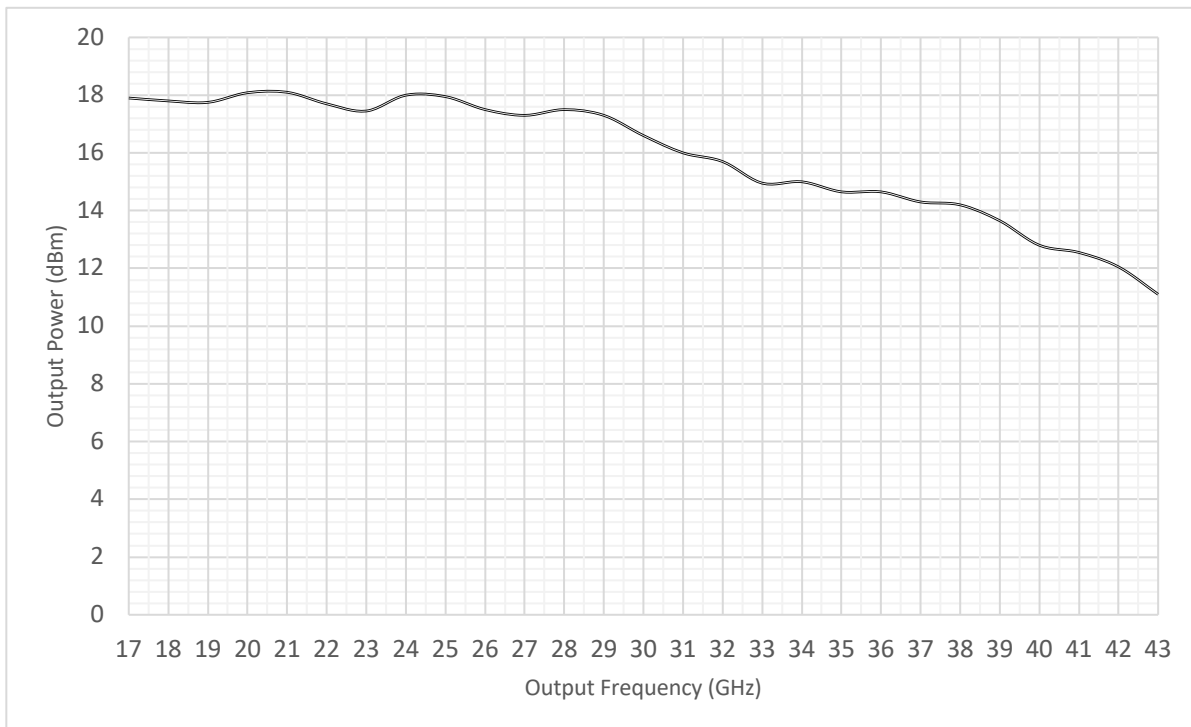


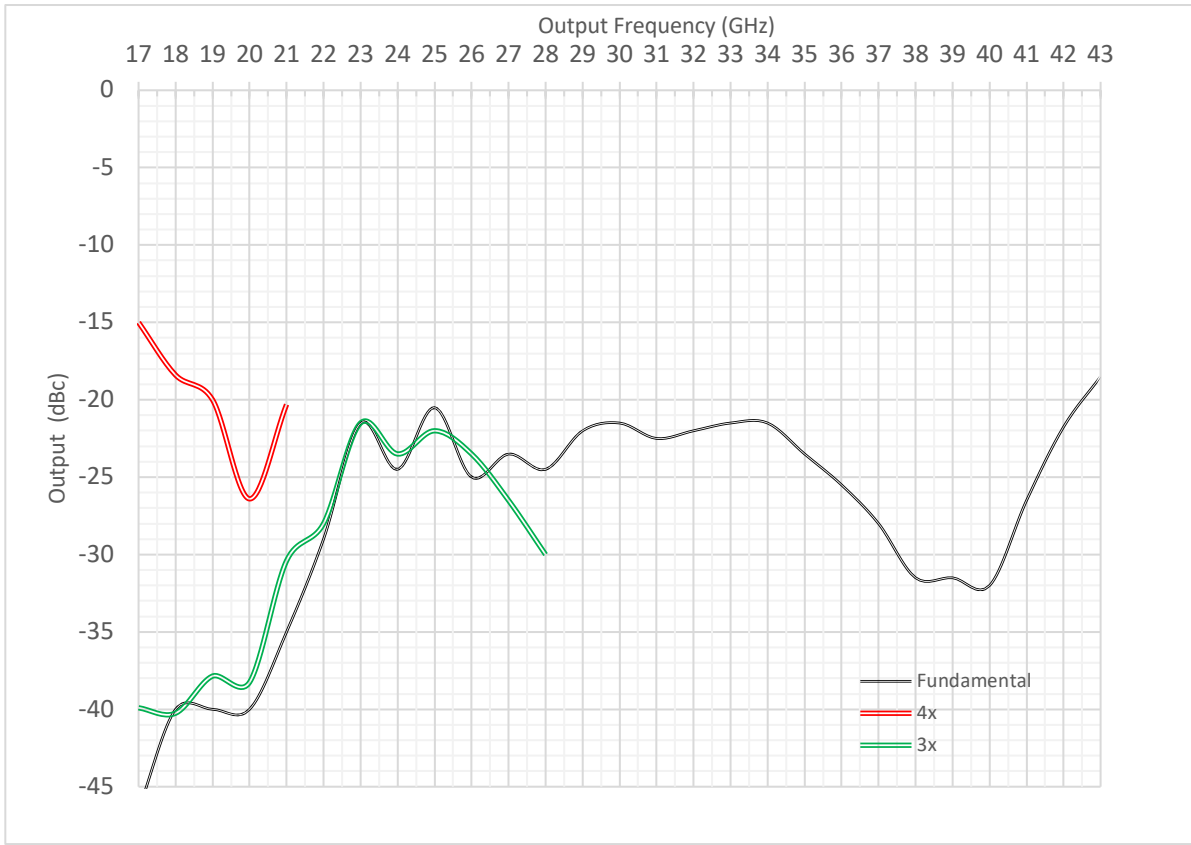
## Features:

- Low Input Power
- High Output Power
- Broad Band Operation
- Low Harmonic Content
- Compact Housing

Parameter	Specification	Notes
Input Frequency	9 to 21 GHz	Operates 8.5 to 21.5 GHz
Input Power	+2 to +5 dBm	
Output Frequency	18 to 42 GHz	Operates 17 to 43 GHz
Output Power	+15 dBm typ	+10 dBm min
Harmonic/Fundamental Content	-20 dBc typ	-15 dBc max
Bias	+8 to +12 VDC @ 400mA	
Input / Output Return Loss	10 dB typ	2.92 mm Female In/Out

## Measured Data (typical response @ +3 dBm Input Power)





## Outline Drawing

