

# Spectrum Compact 5G mmWave Solution Kit



Specifically designed for over-the-air (OTA) testing and measurements for the mmWave communications bands, this measurement kit offers excellent quality and performance at a cost-effective price that spans the 5G mmWave bands in the 24-40 GHz spectrum.

## This kit includes:

Spectrum Compact 24-40 GHz	
Antenna	24 to 40GHz
Test Cable, 36"	2.92 K M - M
Adapter Kit Contents	2.92 K M - N FM
	2.92 K M - N M
	2.92 K FM - FM
	2.92 K M - M
	2.92 K M - FM ¼-20 TPI
Tripod Mount	13.75 x 11.5 x 5.5"
Main Case	Pelican 1400
Adapter Case	Pelican 1040

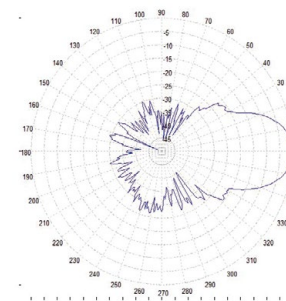


## Spectrum Compact Specifications:

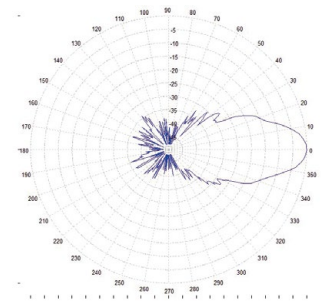
Frequency range	24 – 40 GHz
Frequency span	10 MHz to full range
RBW	100 kHz, 300 kHz, 1 MHz
Sweep speed	0.2 s @100 MHz span
DANL	-100 dBm @ RBW=100kHz
RF Connector	2.92 mm
Maximum damage level	0 dBm
Battery life	up to 3 hours
Weight	0.57 kg / 20.11 oz
Onboard memory	8 GB
Interface	USB Type-C
Resistive LCD touch screen	
Spectrum Manager PC Software	

## Antenna Specifications:

Frequency Response	24 to 40GHz
Gain	17-19dBi
Return Loss (24-40GHz)	15dB Typ/12dB min.
Beamwidth	30 deg Typ.
Isolation	35dB
Temperature Range	-20C - +85C
Connector	2.92mm K Female
Mount	¼-20 TPI



Typical pattern at 25GHz



Typical pattern at 39GHz



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**SALES MANAGER – TEST & MEASUREMENT**

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