Spectrum Compact
5G mmWave Solution Kit

Kit Contents:

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*
Model Adapter Case:	*Pelican 1040*

Spectrum Compact Specifications:

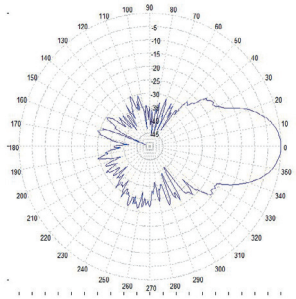
Frequency range:	24 – 40 GHz
Frequency span:	10 MHz to full range
RBW:	100 kHz, 300 kHz, 1 MHz
Sweep speed:	0.2 s @100 MHz span
DANL:	-100 dBm @ RBW=100kHz
RF Connector:	2.92 mm
Maximum damage level:	0 dBm
Battery life:	up to 3 hours
Weight:	0.57 kg / 20.11 oz
Onboard memory:	8 GB
Interface:	USB Type-C

Resistive LCD touch screen
Spectrum Manager PC Software

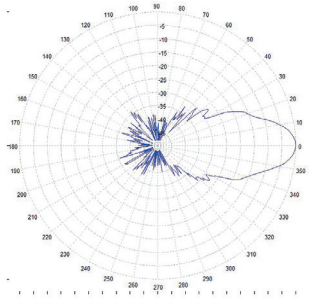
Specifically designed for over-the-air (OTA) testing and measurements for the mmWave communications bands, this measurement kit offers excellent quality and performance at a cost-effective price that spans the 5G mmWave bands in the 24-40 GHz spectrum.

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

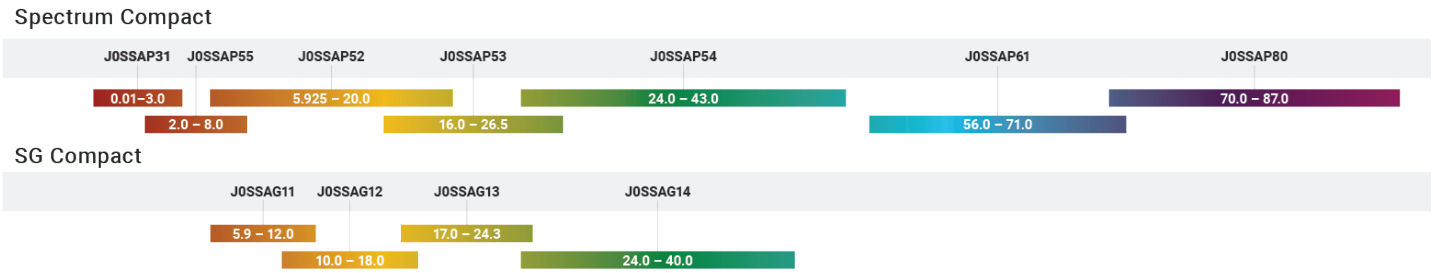


Typical pattern at 25GHz



Typical pattern at 39GHz

T&M Product Overview



SG Compact - *Signal Generator*

The perfect tool for microwave system analysis and measurement applications

Essential tool for RF field applications like the precise antenna alignment and line-of-sight verification. It has intuitive control and interactive GUI with instant on/off functionality, the resistive touchscreen allows working with gloves on.

Spectrum Compact - *Spectrum Analyzer*

- Designed For the Field:
- Instant ON/OFF
- Completely stand-alone
- Battery time up to 4 hours
- Works perfectly with gloves
- High sensitivity & low noise floor
- Performs in a -15-55°C (5-131F) range
- Goes hand in hand with the native signal generator
- Data logging for use with PC spectrum analyzer software

SPECTRUMCOMPACT.COM

ISO 9001 BUREAU VERITAS Certification

For more detailed information about SAF Tehnika products visit **saftehnika.com** or contact your SAF Tehnika representative **info@saftehnika.com**. Product features may vary between different models and configurations. They are subject to change without prior notice.