



## TSA5G35 USB Mini Spectrum Analyzer

### FEATURE HIGHLIGHTS:

- \* Accurate and stable in frequency / level
- \* Extra low cost, Extra low weight, Best performance price rate
- \* Digitally synthesized RF system
- \* Frequency range to 5.35GHz
- \* Input Levels - 110 dBm to +30 dBm
- \* Connect to PC through USB without battery pack.
- \* Consumer Wireless Remotes, cordless phones, Monitors
- \* ATE system
- \* Education
- \* Industrial, Scientific, Medical (ISM)
- \* Cellular and PCS
- \* Two-Way Radio Trunk Radio
- \* Bluetooth, WiFi, WiMax
- \* Field Service and Installation



### SPECIFICATIONS

ITEMS	DESCRIPTION
Frequency Range	1 MHz to 5.35 GHz
Minimum Step for Scanning	2 kHz at 1MHz SPAN
Frequency Stability	< +/-5 ppm with SW calibration
Frequency Spans	1MHz to 100 MHz
Resolution Bandwidths	50 KHz, 100KHz, 200 KHz, 500 KHz
Sweep time	4 seconds
Input Level Range	-110 dBm to +30 dBm
Input Level Overload	Less than +20 dBm for 1 minute max at any scale when external attenuator is not connected. DC block to +/-25 VDC Less than +33 dBm when external attenuator is connected.
Reference Level Accuracy	< 3dB between 100 MHz to 5.35 GHz at top level (1GHz)
Display Range Linearity	< 4 dB (1GHz)
Reference Level Flatness	< 2 dB within 100MHz span at top level
Reference Level Range	-60dBm to 0dBm range without external Attenuator -30dBm to 30dBm range with external Attenuator
Display Range	80 dB usable
Noise floor	-115 dBm with 5MHz SPAN and -60dBm reference level at 1GHz
Power Source	5V from USB port
Dimensions	87.5mm(L) x 23mm(W) x 15mm(H)
Weight	Less than 20g.

Email: [info@triarchytech.com](mailto:info@triarchytech.com)

Website: [www.triarchytech.com](http://www.triarchytech.com)