TDMA Signal Generator Specifications

Output Level Range:

RF In/Out: –22 dBm to –127 dBm

Duplex: +4 dBm to –127 dBm

Residual Error Vector Magnitude: <3.0%

Residual Phase Error: <3 degrees

Residual Magnitude Error: <3.0%

IQ Origin Offset: –30 dBc within ±15° C of last calibration

Frequency Error: ±4 Hz plus reference

TDMA Analyzer Specifications

Input Level Range:

RF In/Out: 1 mW to 60 W (0 to +47.78 dBm)

Antenna: –36 dBm to +17 dBm

Input Frequency Setting Error: 1 kHz

RXDSP Level Setting Range: 0 dB to –23 dB full scale

Residual Error Vector Magnitude: <2.0%

Error Vector Magnitude Measurement Accuracy: 0.4% + 2% of reading

Residual Phase Error: <1.5 degrees

Residual Magnitude Error: <1.4%

I/Q Origin Offset Accuracy: ±0.5 dB for values to –40 dBc

Frequency Error Accuracy: ±2 Hz plus reference