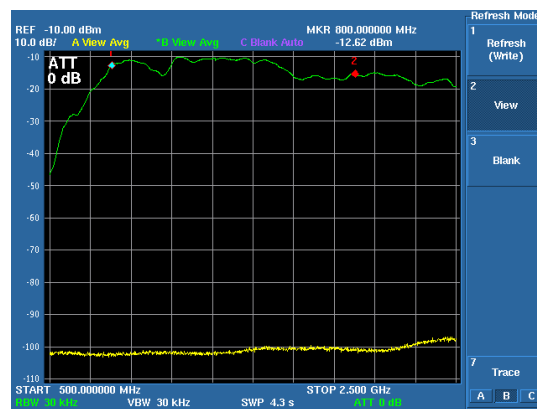
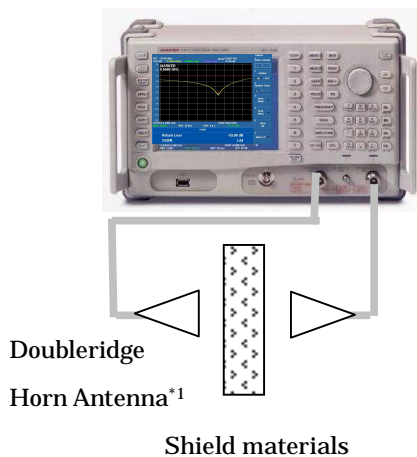


Tracking Generator OPT.76/77(U3700 series) For Isolating Evaluation

Tracking Generator can provide good “Isolating Evaluation” test.

Recently, the terminals of the communication and data machine increase as Multi system, then, they are required very low interference performance. (It needs Isolating Evaluation test)
 By adding Tracking Generator (OPT.76/77) on the U3700, Advantest provides more than 80dB higher Isolating Evaluation test.



The Data use Antenna *1 and OPT.76 (U3741)

*1 (Doubleridge horn Antenna : the Antenna factor is about 24dB 4.19dBi at 1GHz)

OPT.76 3GHz Tracking Generator

Main Performance

Frequency Range: 100kHz to 3GHz
 Output Level Range: 0 to -60dBm (0.5dBstep)
 Output Level Accuracy: +/- 0.5dB
 (at 20MHz, -10dBm, +20 to +30 deg C)
 Output Level Flatness: 20MHz, -10dBm reference
 +/- 1.0dB (1MHz to 1GHz)
 +/- 1.5dB (100kHz to 3GHz)

TG Leakage:

< -80dBm (Input ATT: 0dB)

Output Impedance: 50ohm (nominal)

VSWR: < 2:1 (Output Level: < -10dBm)

OPT.77 6GHz Tracking Generator

Main Performance

Frequency Range: 100kHz to 6GHz
 Output Level Range: 0 to -30dBm (0.5dBstep)
 Output Level Accuracy: +/- 0.5dB
 (at 20MHz, -10dBm, +20 to +30 deg C)
 Output Level Flatness: 20MHz, -10dBm reference
 +/- 1.0dB (1MHz to 1GHz)
 +/- 1.5dB (100kHz to 3GHz)
 +/- 2.0dB (100kHz to 6GHz)

TG Leakage:

< -80dBm (Input ATT: 0dB)

Output Impedance: 50 ohm (nominal)

VSWR: < 2:1 (Output Level: < -10dBm)