

## EMC Measurement

### EMC Filter Option 28

# 1MHZ Impulse response RBW and measurement up to 43GHz !!

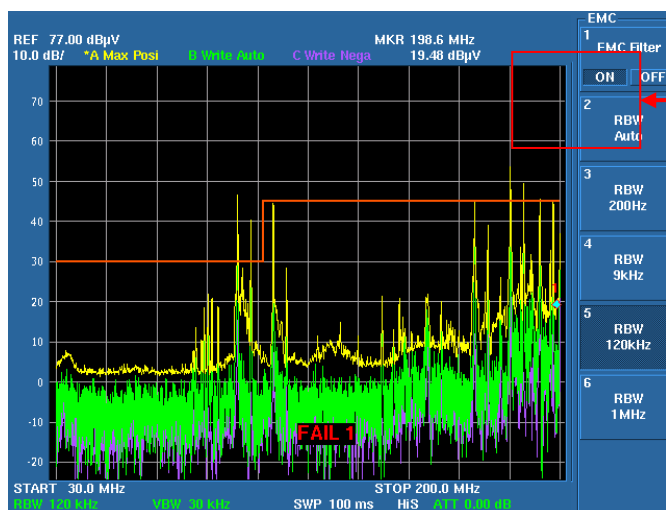
CISPR bandwidths for EMI prequalification testing

High accuracy noise level measurement.  
Fast, easy maximum level measurement utilizing the positive peak detector and MAX Hold function.



Because CISPR bands can be used at the stage where action is taken on EMI measurement, more accurate level measurement are possible at a time when changes to a device are easier to correct. This allows products to be sent for full qualification testing with confidence that the expensive and time consuming testing will less likely need to be repeated.

The combination of a positive detector and maximum hold mode allows maximum-level measurement to be conducted fast and easily.

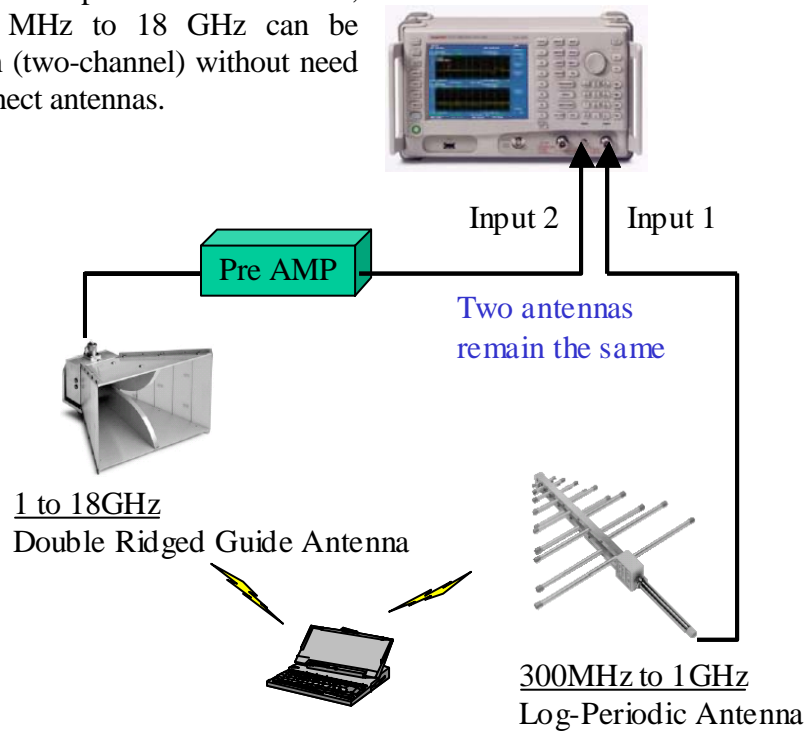


RBW chosen automatically by Stop frequency

The RBW is set automatically for each band according to Stop frequency

## 1 to 18GHz Measurement with 1MHz impulse bandwidth RBW

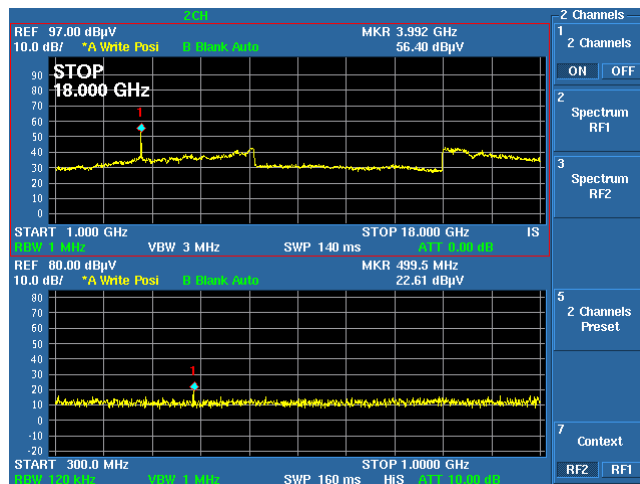
The addition of Option 28 enables EMI measurement conforming to CISPR16-1-1 with a 1-MHz impulse bandwidth. Since two inputs are available, frequencies from 300 MHz to 18 GHz can be displayed on one screen (two-channel) without need to disconnect and reconnect antennas.



2CH Viewer

Upper  
START: 1GHz  
STOP: 18GHz  
RBW: 1MhzBimp

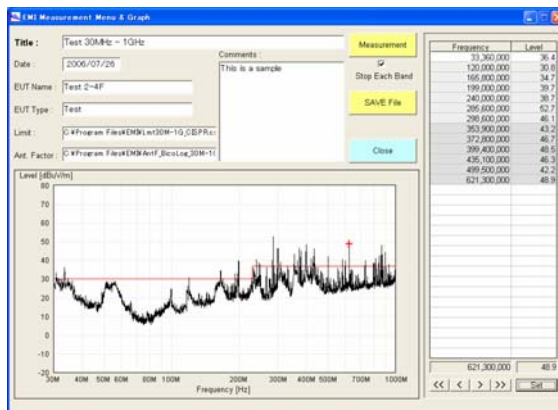
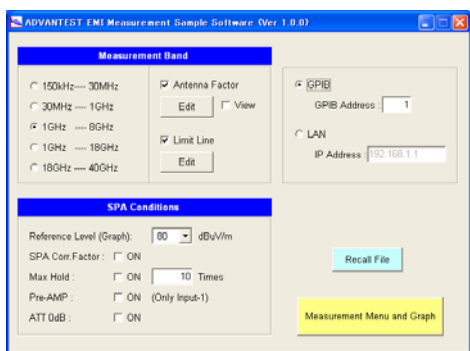
Lower  
START: 300MHz  
STOP: 1GHz  
RBW: 120kHzB6



Dual channel trace is available for the U3771 and U3772 only.

## Free sample software

Free sample EMI measurement software for prequalification testing is available to help get started. The software can control the instrument using the GPIB or LAN interface.



### \*Feature of option 28

CISPR bandwidth RBW for EMI measurement

RBW ( 6dB): 200 Hz, 9 kHz, 120 kHz, 1 MHz

Measurement up to 31.8/43GHz (U3771/U3772) with 1MHz impulse band width

The RBW is set automatically according to Stop frequency

### \*U3700 series main units

Model	U3741	U3751	U3771	U3772
Frequency range	9kHz to 3GHz	9kHz to 8GHz	9kHz to 31.8GHz	9kHz to 43GHz