


EXPERT REPORT

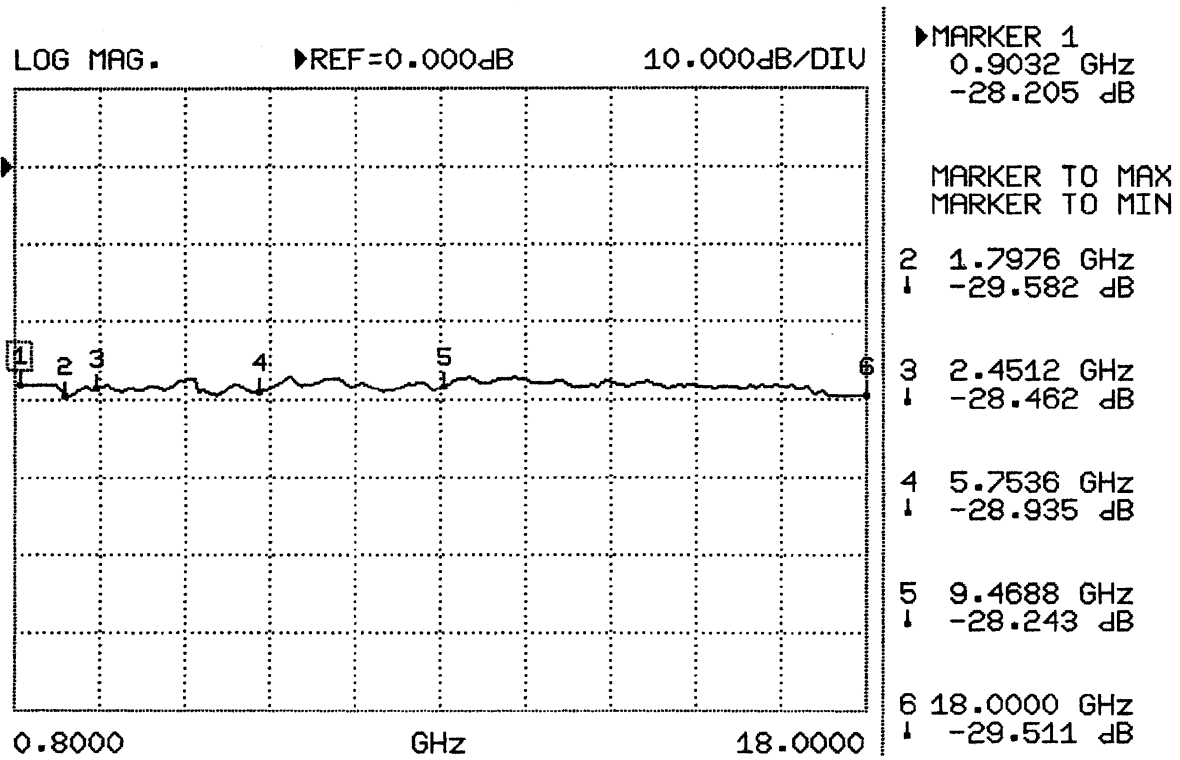
- Ordered by:** YSHIELD EMR-Protection
Christian Danner
Am Schulplatz
D-94099 Ruhstorf
Germany
- Device under Test :** RF- and Microwave Shielding Window Film RDF50
Measured with linear vertical and horizontal polarization
according to IEEE 299-1997 and non directed polarization
according to ASTM D-4953-89
- Subject:** Shielding-measurements of electromagnetic waves from
200 MHz to 18 GHz
- Regulations:** According to MIL-Standard 285, IEEE-STD 299-1997,
VG-Standard 95 370-15, KS03 and ASTM D- 4953-89
- Date of
Measurements:** 5th of March 2009
- Contents:** 1 page text, 2 measured diagrams in 2 appendices
- Results:** The measurements proved, that the window film presented a totally
identical shielding effectiveness to vertically and horizontally polarized
electromagnetic waves.
Another remarkable fact is the very constant and almost frequency
independent outstanding shielding of both samples across the entire
measured frequency range. Details about the shielding effectiveness can
be found in the both appendices.

Neubiberg, 5th of March 2009



Prof. Dipl.-Ing. P. Pauli

Device under test: **RF- and Microwave Shielding Window Film RDF 50**
Measured according to IEEE 299-1997 with linear polarization
(Frequency range: 800 MHz – 18 GHz)



Device under test ②: RF- and Microwave Shielding Window Film RDF50,
Measured according to ASTM D-4953-89
(Frequency range: 200 MHz – 4 GHz)

