

NSG 4070 APPLICATION NOTE

RADIATED IMMUNITY WITH STRIP LINE SL 50

Test requirements

Standards applied:	ISO 11452-5
Frequency range:	(10 MHz) 30 to 1000 MHz
Level X:	360 V/m
Modulation:	AM PC, 1 kHz, 80% (ISO 11452-1)

Equipment

Strip line:	SL 50 (50 Ω , septum height 150 mm)
Signal generator:	NSG 4070-0
Power meter:	NSG 4070-0
Directional coupler:	DCP 0100A
Power amplifier:	CBA 1G-070 (10 MHz - 1 GHz, 70 Watts)
Termination:	50 Ω , 100 Watts
Software:	C3I or GTEM3I
Highest field strength:	approx. 360 V/m (typical)
Field probe:	e.g. HI 6105

Test set-up

