

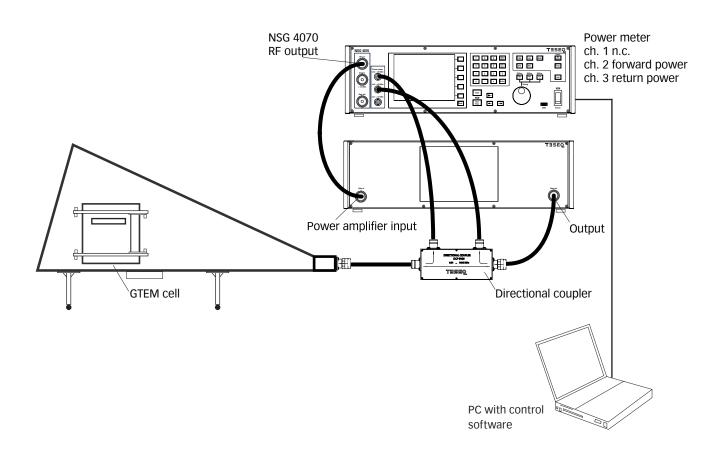
NSG 4070 APPLICATION NOTE RADIATED IMMUNITY WITH GTEM 750

Test requirements

Equipment

| Signal generator: | NSG 4070-0 | |
|--|--------------------------------|--|
| Power meter: | NSG 4070-0 | |
| Directional coupler: | DCP 0100A | |
| Power amplifier: | CBA 9479 | |
| | (100 kHz - 1 GHz 18/15 Watts) | |
| Software: | C3I or GTEM3I | |
| Lowest forward power: | 15 dBm* | |
| Lowest field strength: | 1 V/m at 600 mm septum height* | |
| Highest forward power: | 41 dBm* | |
| Highest field strength: | approx. 18 V/m at 600 mm | |
| | septum height* | |
| Field probe: | e.g. HI 6005 | |
| *Note: Values caused by measuring range of the power meter, | | |
| factor of the directional coupler, gain of the power amplifier and | | |
| AM with 80% | | |

Test set-up



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