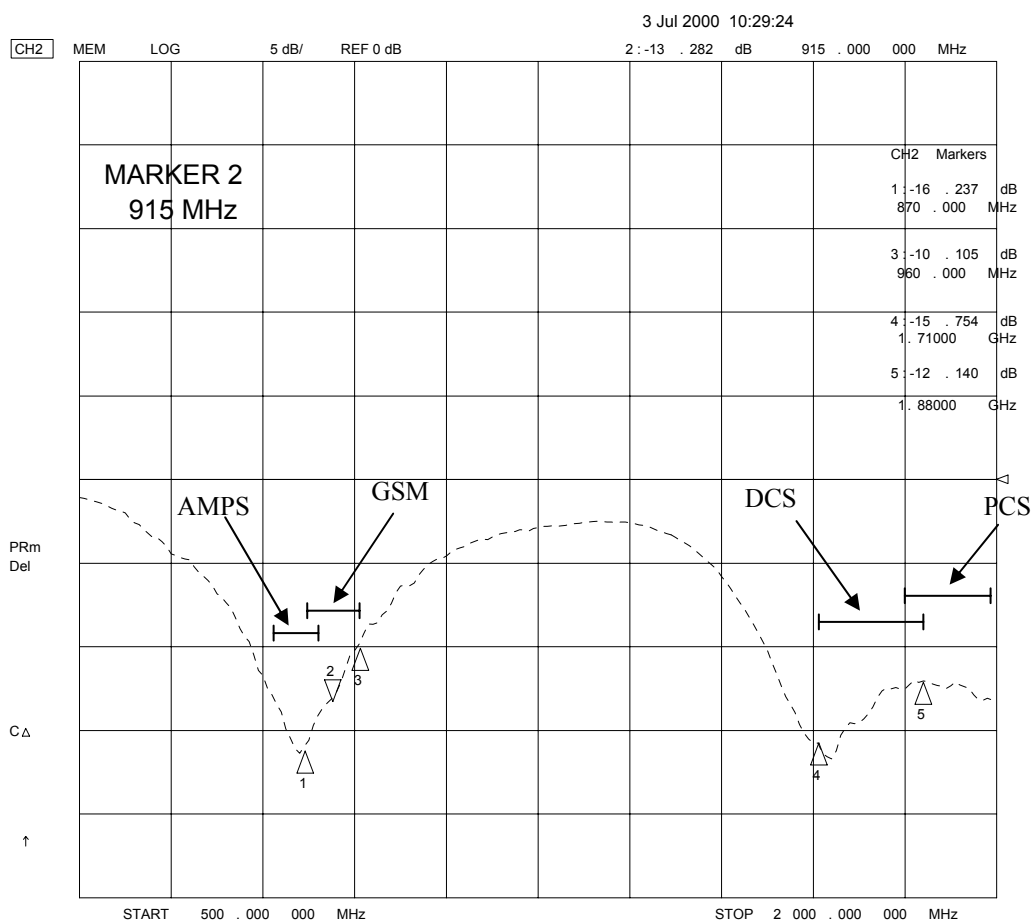


ELECTRICAL CHARACTERISTICS

Frequency	AMPS: 824 - 894 ETACS-GSM: 870 - 960 MHz DCS: 1710 - 1880 MHz PCS: 1850 - 1990 MHz
Nominal Impedance	50 Ω
VSWR AMPS (824 - 894 MHz)	< 2
VSWR GSM (880 - 915 MHz)	< 1,6
VSWR GSM (930 - 960 MHz)	< 2
VSWR DCS (1710 - 1880 MHz)	< 2
VSWR PCS (1850 - 1990 MHz)	< 2
Power Handling	10 W
Peak Gain (in relation to $\lambda/4$)	0 $\pm$ 2 dB

Return Loss / VSWR graph:



RADIATION PATTERN

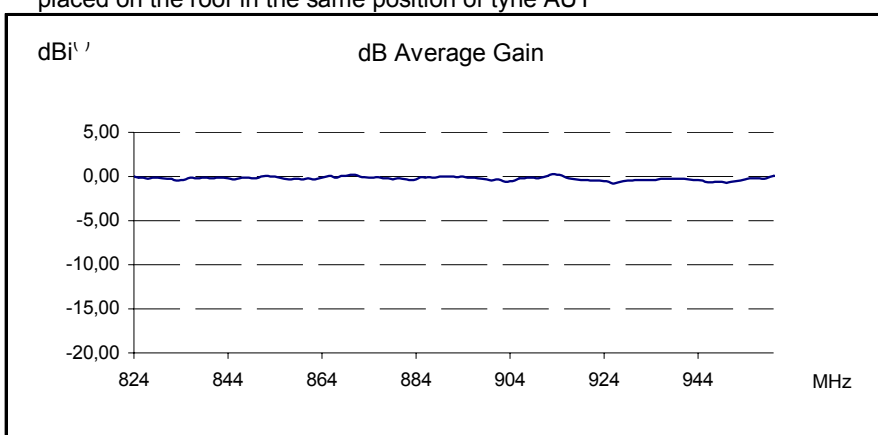
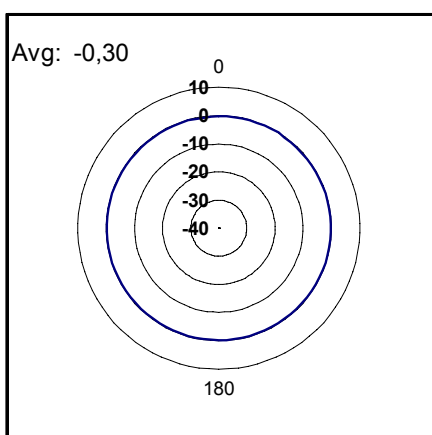
AMPS and GSM Frequencies

Polarization: Vertical

Test Department

antenna: RTZ
location: Roof-Center
model: Alfa 164
date: 14/01/02

The "0 dBi" level is the level received by the reference antenna ($\lambda/4$) placed on the roof in the same position of the AUT



DCS and PCS frequencies

Polarization: Vertical

Test Department

antenna: RTZ
location: Roof-center
model: Alfa 164
date: 14/01/02

The "0 dBi" level is the level received by the reference antenna ($\lambda/4$) placed on the roof in the same position of the AUT

