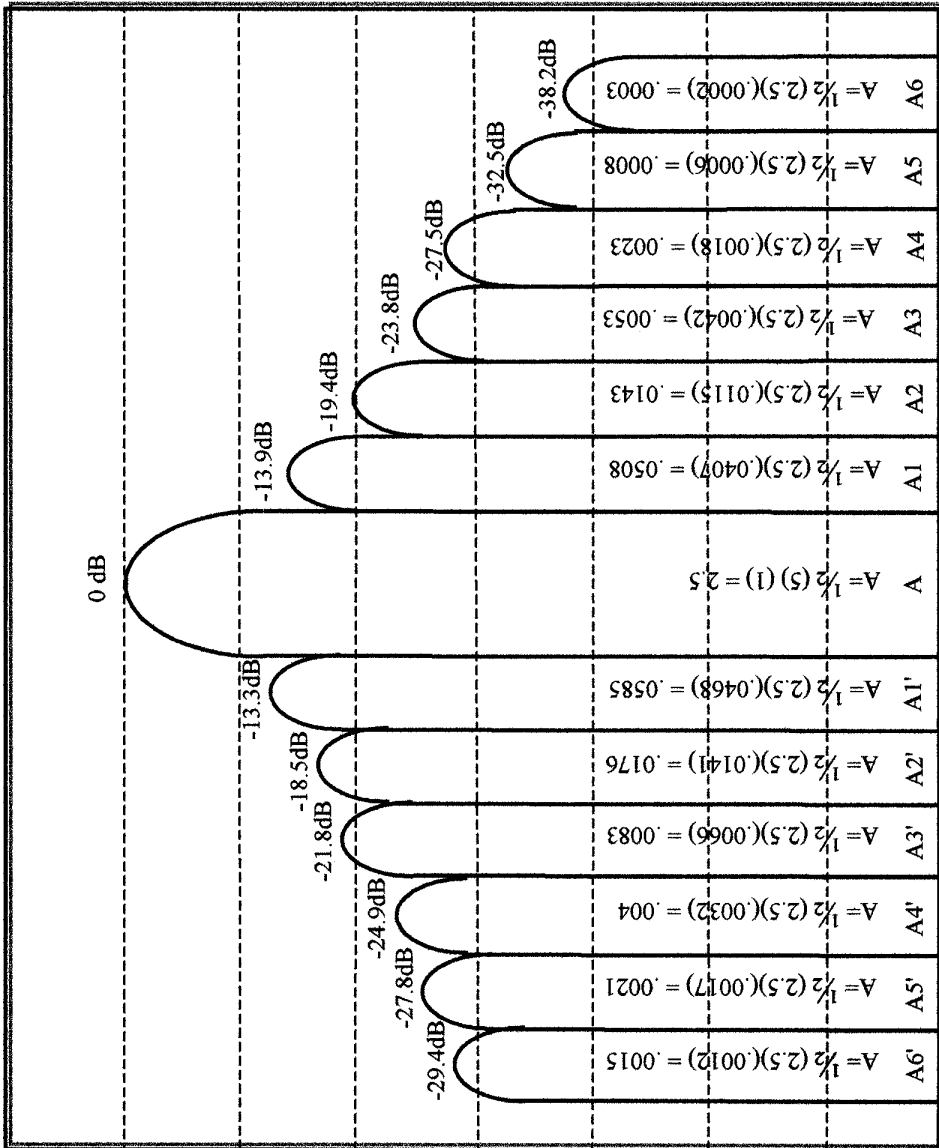


XDD-350C SPECTRUM



FEDERAL REGULATION 2.989,
OCCUPIED BANDWIDTH FOR
XDD-300X METEOROLOGICAL
RADAR

PULSE WIDTH = 1.0 μ sec
PRF = 500
FREQUENCY = 5600 MHz

MAJOR LOBE WIDTH = 5.0 MHz
MINOR LOBE WIDTH = 2.5 MHz

LOSE AREA = $\frac{1}{2}$ LOBE WIDTH $\left(\frac{1}{\text{LOG}^{-1} \frac{\text{dB}}{10}} \right)$

A6 THROUGH A6' = 2.6658

MEAN RADIATED POWER = 2.6814 * .99 = 2.6391

A2 THROUGH A2' = 2.6412

OCCUPIED BANDWIDTH = 15.0 MHz (worst case)

EMISSION DESIGNATOR, 11M25P0N

APPR./DATE	SCALE	CODE IDENT NO.	DRAWING NO.
			SK1874-15
		52005	SHEET 1 OF 1