

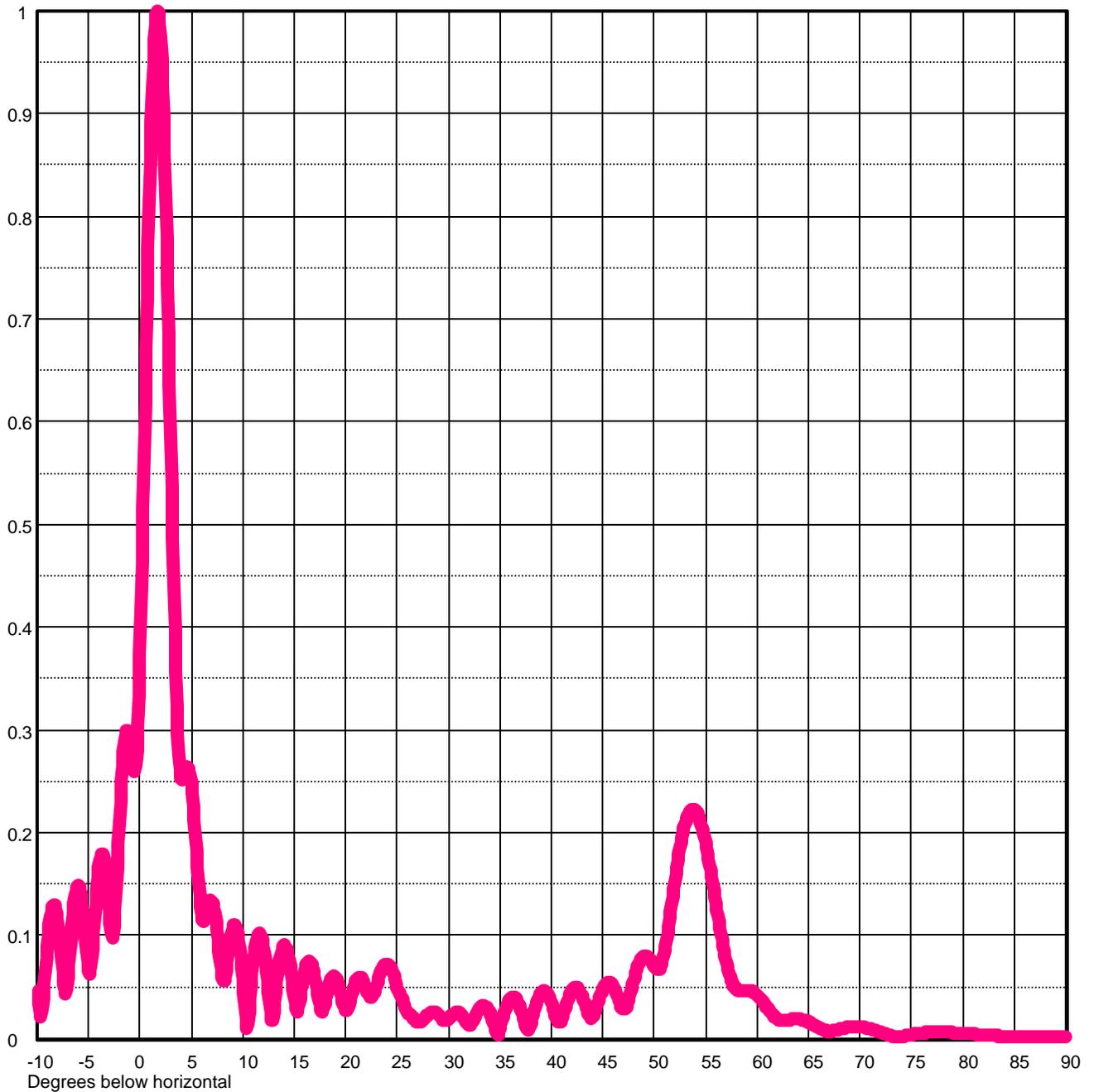


Exhibit No.
E-4F

Date **13 Feb 2002**
Call Letters **KWHM-TV45** Channel
Location **Wailuku, Hawaii**
Customer **LeSEA Broadcasting Corporation**
Antenna Type

ELEVATION PATTERN

RMS Gain at Main Lobe	20.7 (13.16 dB)	Beam Tilt	1.70 Degrees
RMS Gain at Horizontal	2.9 (4.62 dB)	Frequency	MHz
Calculated / Measured	Calculated	Drawing #	10U207170



Remarks: Prepared by: Douglas W. Garlinger