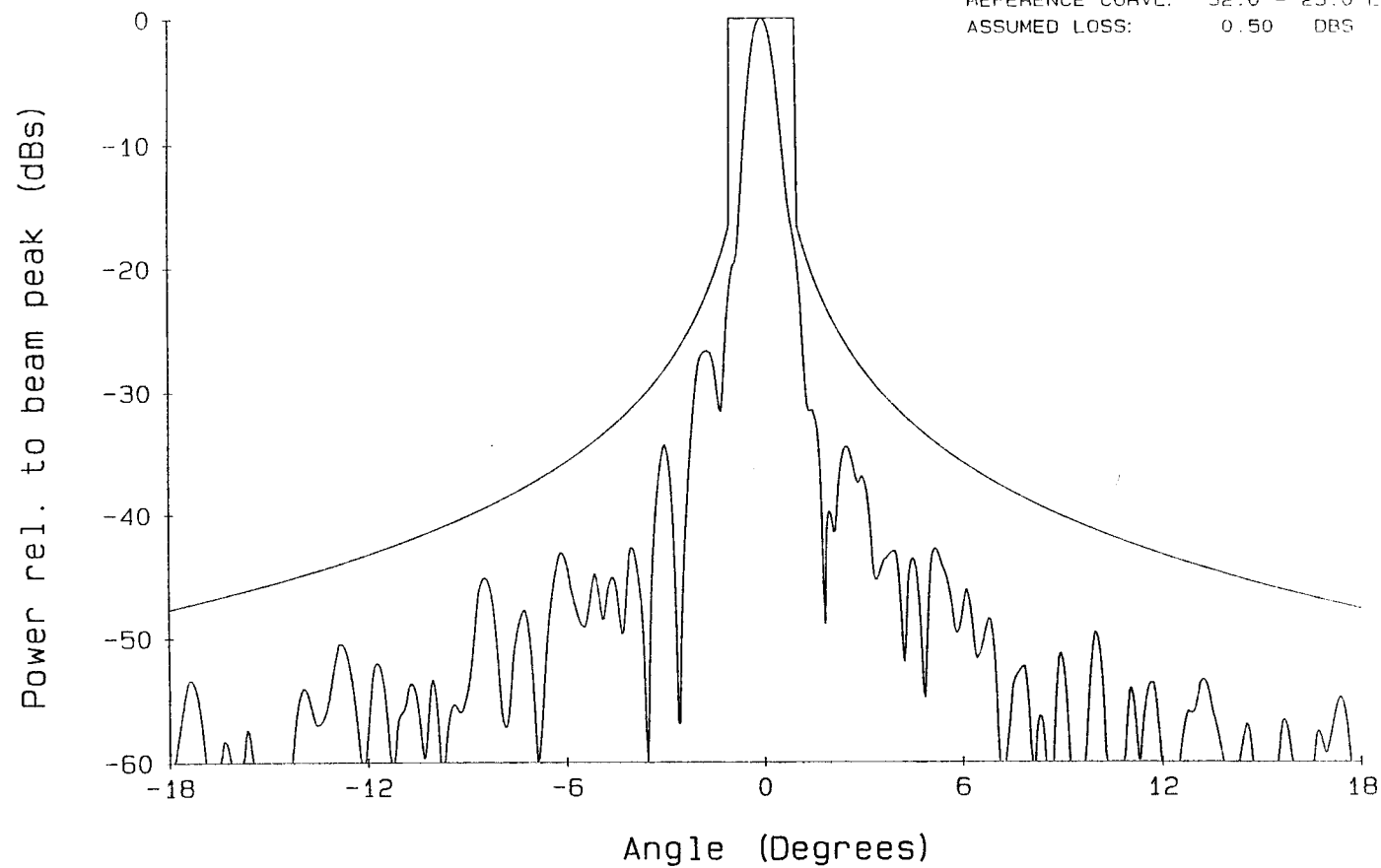
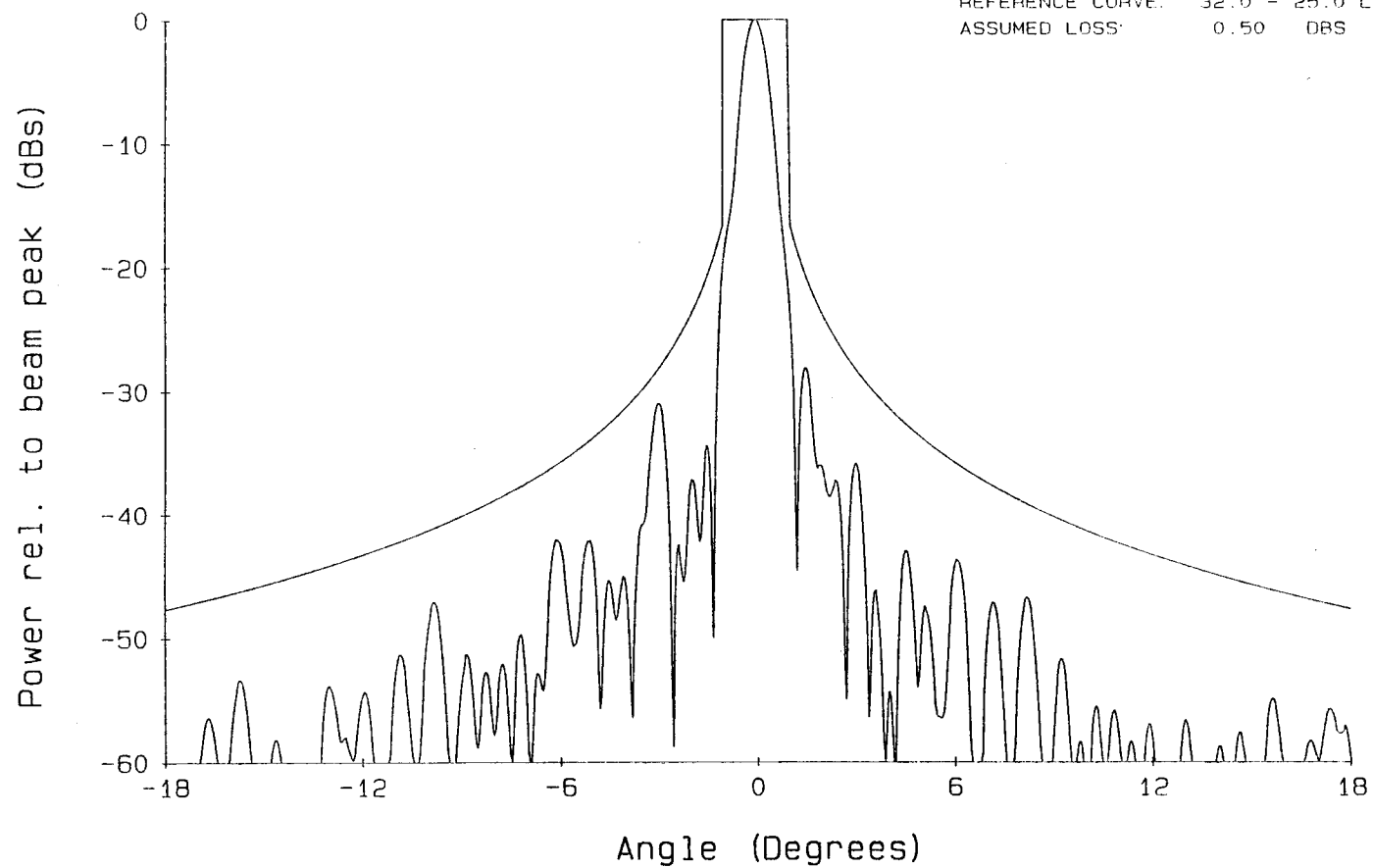


FREQUENCY: 13.750 GHz
ANGLE OF CUT: 0.00 DEG.
DIRECTIVE GAIN: 48.8 DBS
3 dB BEAMWIDTH: 0.65 DEG.
POLARIZATION: LUDWIG 3 LINEAR COPOLAR
EULER ANGLES: 0.00 0.00 0.00 DEG.
POL REF ANGLES: 0.00 0.00 0.00 DEG.
REFERENCE CURVE: 32.0 - 25.0 LOG THETA
ASSUMED LOSS: 0.50 DBS



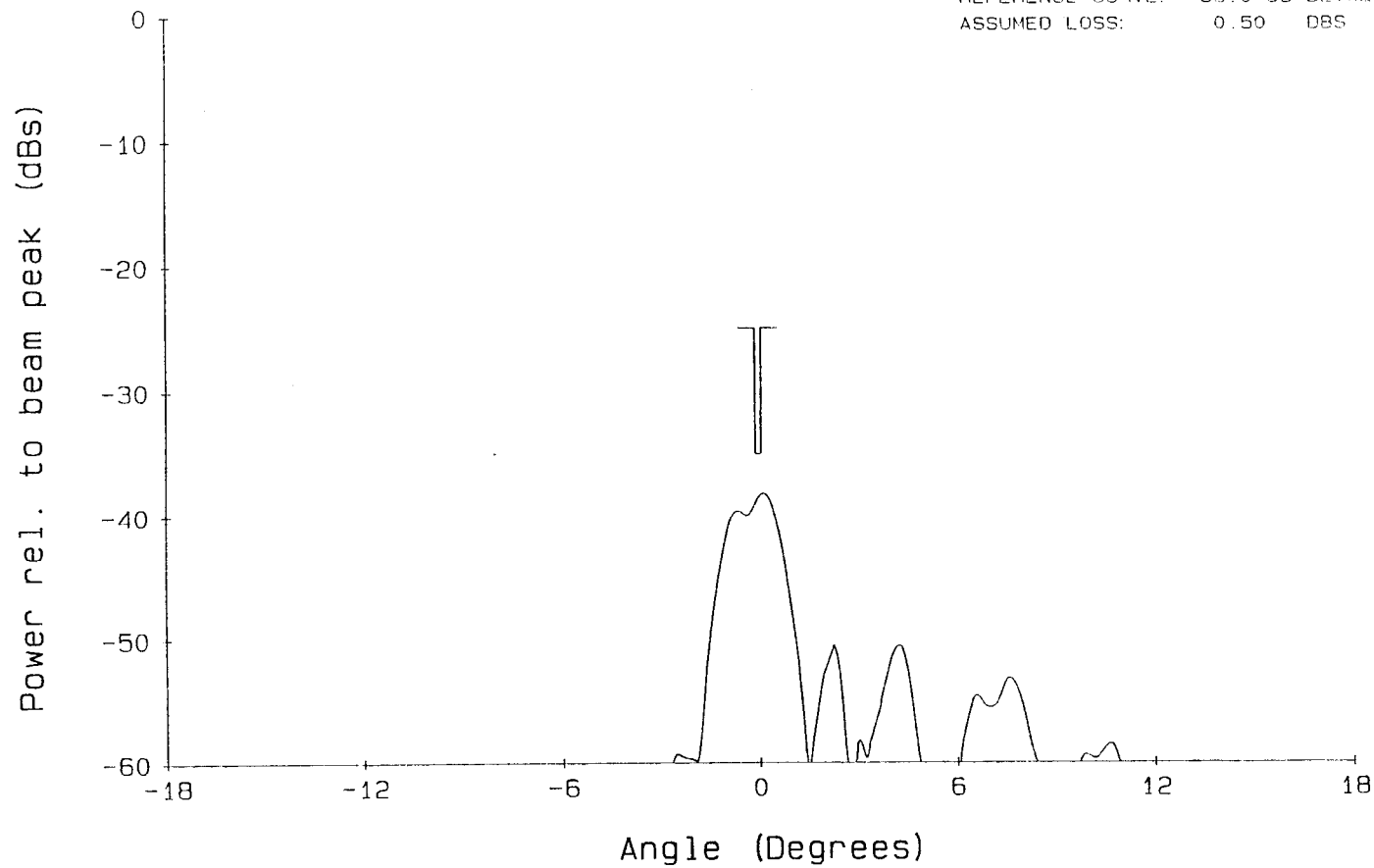
CYLINDRICAL NEAR FIELD TEST FACILITY

FREQUENCY: 13.750 GHz
ANGLE OF CUT: 90.00 DEG.
DIRECTIVE GAIN: 48.8 DBS
3 dB BEAMWIDTH: 0.65 DEG.
POLARIZATION: LUDWIG 3 LINEAR COPOLAR
EULER ANGLES: 0.00 0.00 0.00 DEG.
POL REF ANGLES: 0.00 0.00 0.00 DEG.
REFERENCE CURVE: 32.0 - 25.0 LOG THETA
ASSUMED LOSS: 0.50 DBS



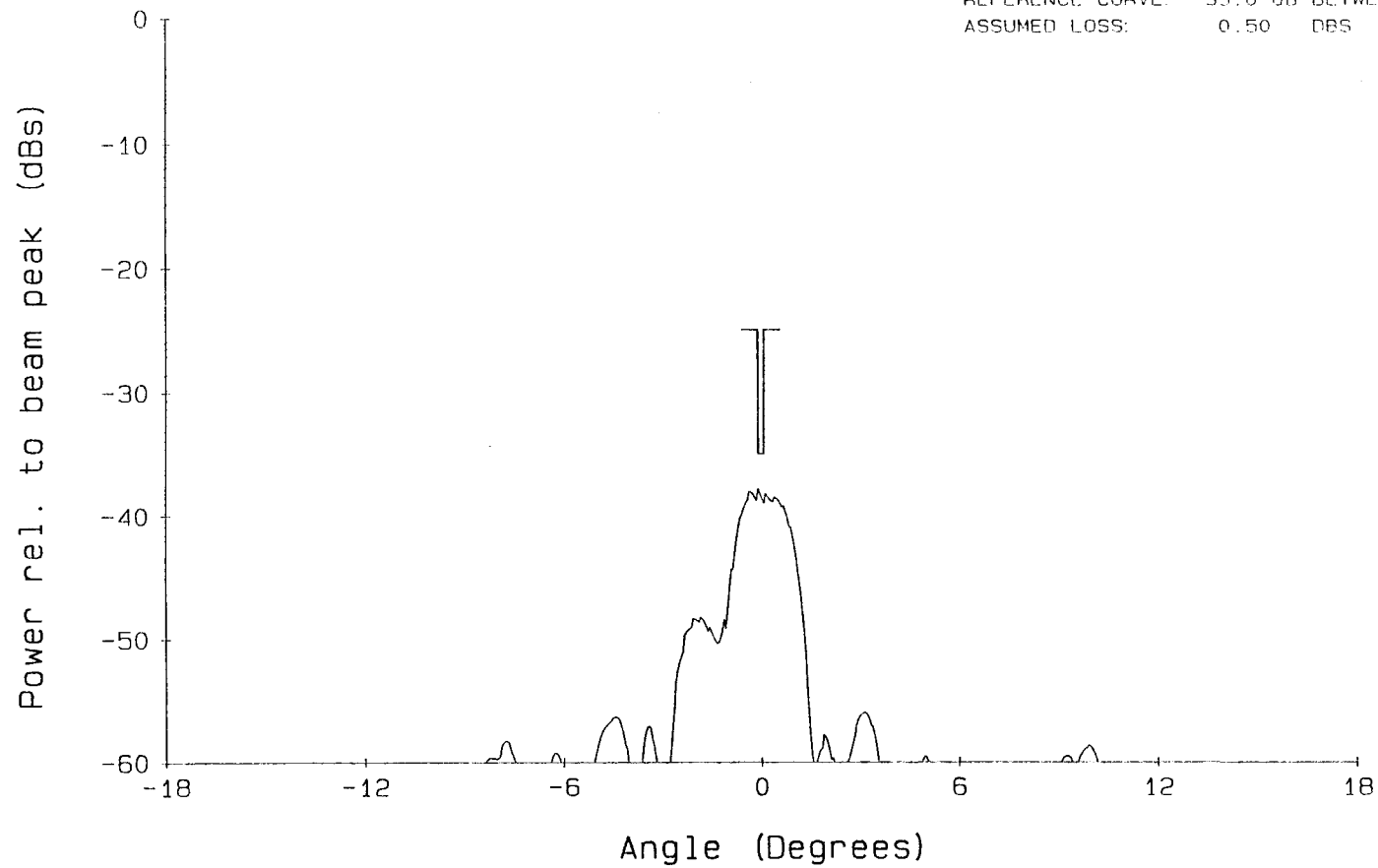
CYLINDRICAL NEAR FIELD TEST FACILITY

FREQUENCY: 13.750 GHz
ANGLE OF CUT: 0.00 DEG
DIRECTIVE GAIN: 10.6 DBS
3 dB BEAMWIDTH: 1.57 DEG.
POLARIZATION: LUDWIG 3 LINEAR CROSSPOLAR
EULER ANGLES: 0.00 0.00 0.00 DEG.
POL REF ANGLES: 0.00 0.00 0.00 DEG.
REFERENCE CURVE: -35.0 dB BETWEEN -0.2 dB POINTS
ASSUMED LOSS: 0.50 DBS



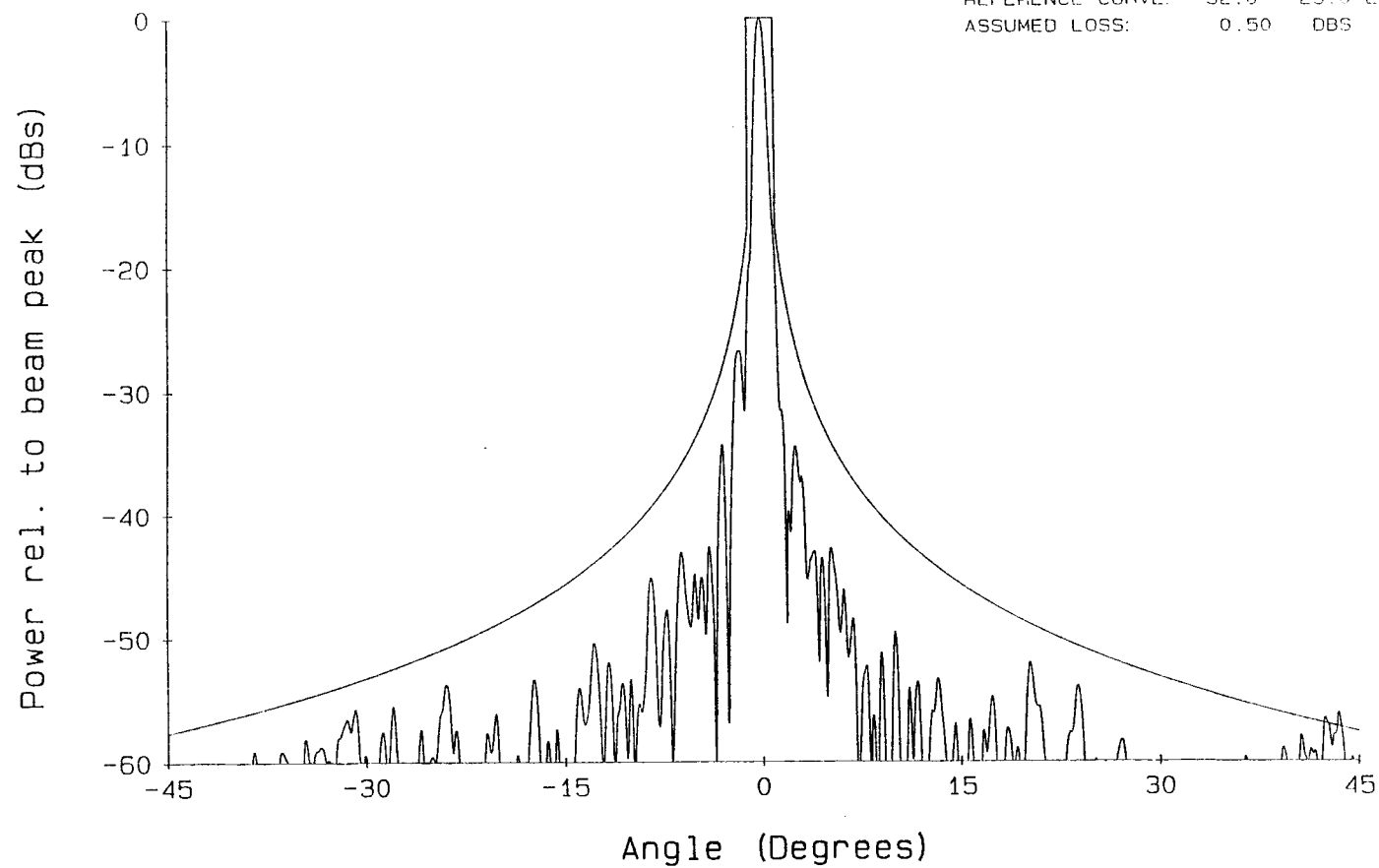
CYLINDRICAL NEAR FIELD TEST FACILITY

FREQUENCY: 13.750 GHz
ANGLE OF CUT: 90.00 DEG.
DIRECTIVE GAIN: 10.9 DBS
3 dB BEAMWIDTH: 1.53 DEG.
POLARIZATION: LUDWIG 3 LINEAR CROSSPOLAR
EULER ANGLES: 0.00 0.00 0.00 DEG.
POL REF ANGLES: 0.00 0.00 0.00 DEG
REFERENCE CURVE: -35.0 dB BETWEEN -0.2 dB POINTS
ASSUMED LOSS: 0.50 DBS



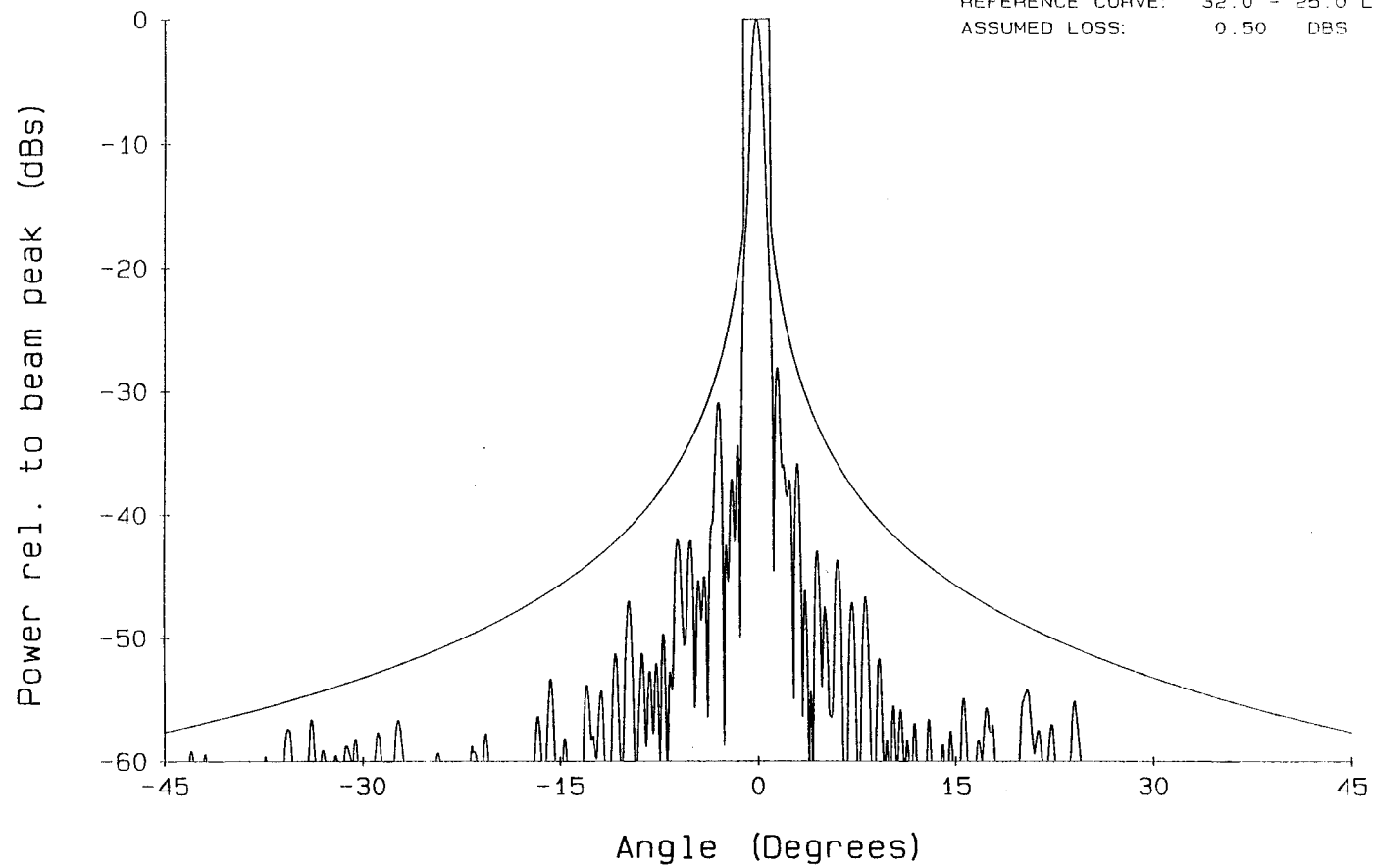
CYLINDRICAL NEAR FIELD TEST FACILITY

FREQUENCY: 13.750 GHz
ANGLE OF CUT: 0.00 DEG.
DIRECTIVE GAIN: 48.8 DBS
3 dB BEAMWIDTH: 0.65 DEG.
POLARIZATION: LUDWIG 3 LINEAR COPOLAR
EULER ANGLES: 0.00 0.00 0.00 DEG.
POL REF ANGLES: 0.00 0.00 0.00 DEG.
REFERENCE CURVE: 32.0 - 25.0 LOG THETA
ASSUMED LOSS: 0.50 DBS



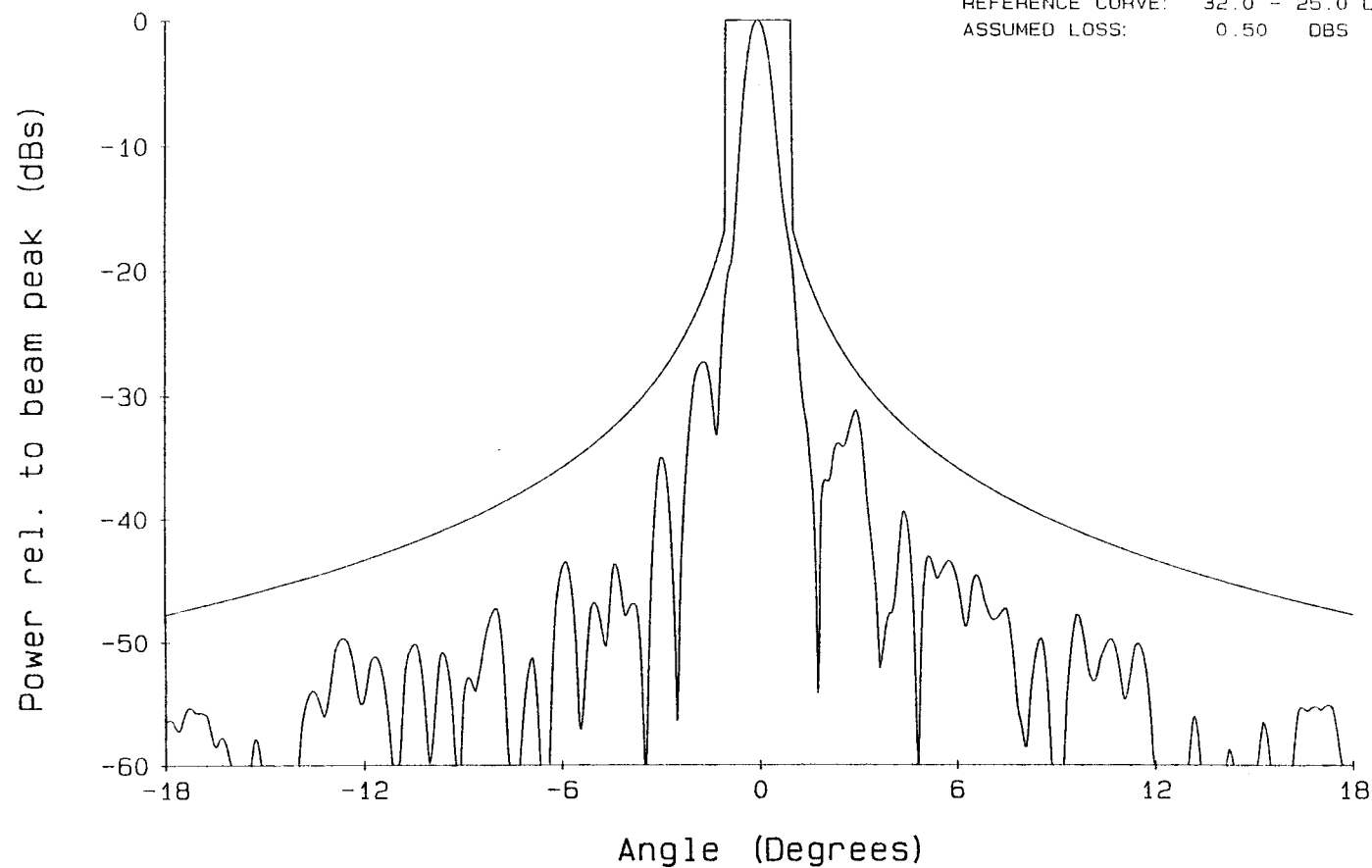
CYLINDRICAL NEAR FIELD TEST FACILITY

FREQUENCY: 13.750 GHz
ANGLE OF CUT: 90.00 DEG.
DIRECTIVE GAIN: 48.8 DBS
3 dB BEAMWIDTH: 0.65 DEG.
POLARIZATION: LUDWIG 3 LINEAR COPOLAR
EULER ANGLES: 0.00 0.00 0.00 DEG.
POL REF ANGLES: 0.00 0.00 0.00 DEG.
REFERENCE CURVE: 32.0 - 25.0 LOG THETA
ASSUMED LOSS: 0.50 DBS



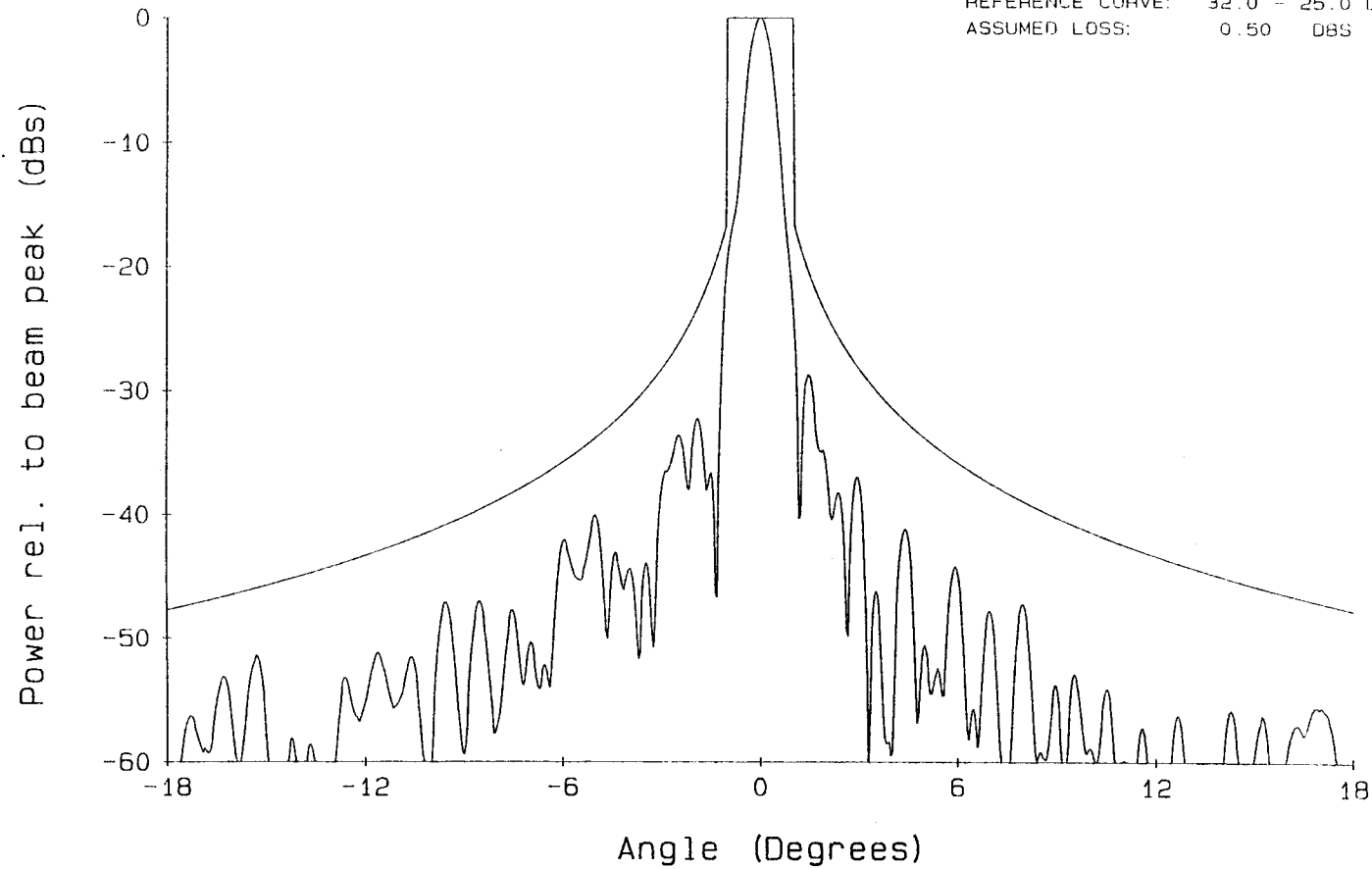
CYLINDRICAL NEAR FIELD TEST FACILITY

FREQUENCY: 14.125 GHZ
ANGLE OF CUT: 0.00 DEG.
DIRECTIVE GAIN: 48.9 DBS
3 dB BEAMWIDTH: 0.65 DEG.
POLARIZATION: LUDWIG 3 LINEAR COPOLAR
EULER ANGLES: 0.00 0.00 0.00 DEG.
POL REF ANGLES: 0.00 0.00 0.00 DEG.
REFERENCE CURVE: 32.0 - 25.0 LOG THETA
ASSUMED LOSS: 0.50 DBS



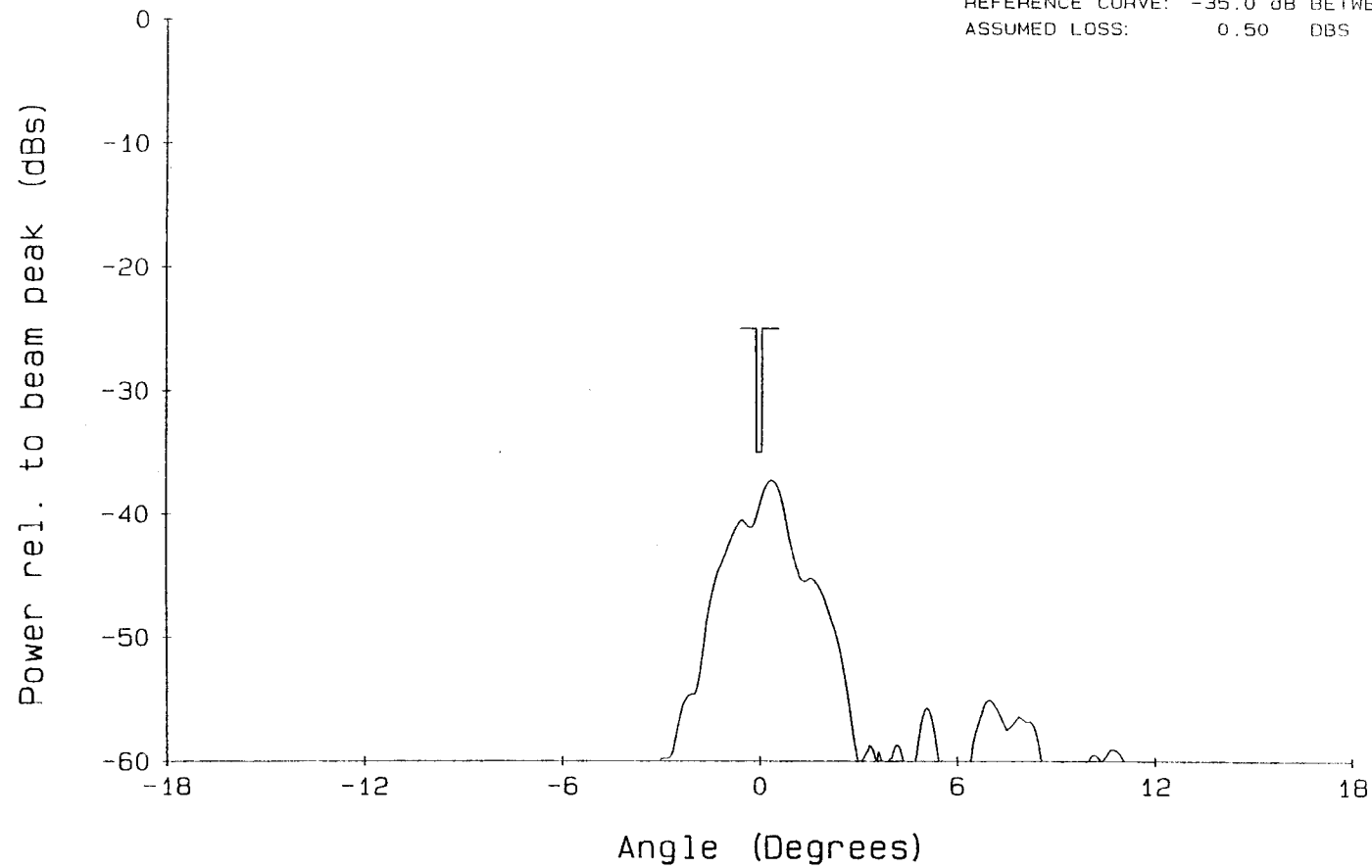
CYLINDRICAL NEAR FIELD TEST FACILITY

FREQUENCY: 14.125 GHz
ANGLE OF CUT: 90.00 DEG.
DIRECTIVE GAIN: 48.9 DBS
3 dB BEAMWIDTH: 0.63 DEG.
POLARIZATION: LUDWIG 3 LINEAR COPOLAR
EULER ANGLES: 0.00 0.00 0.00 DEG.
POL REF ANGLES: 0.00 0.00 0.00 DEG.
REFERENCE CURVE: 32.0 - 25.0 LOG THETA
ASSUMED LOSS: 0.50 DBS



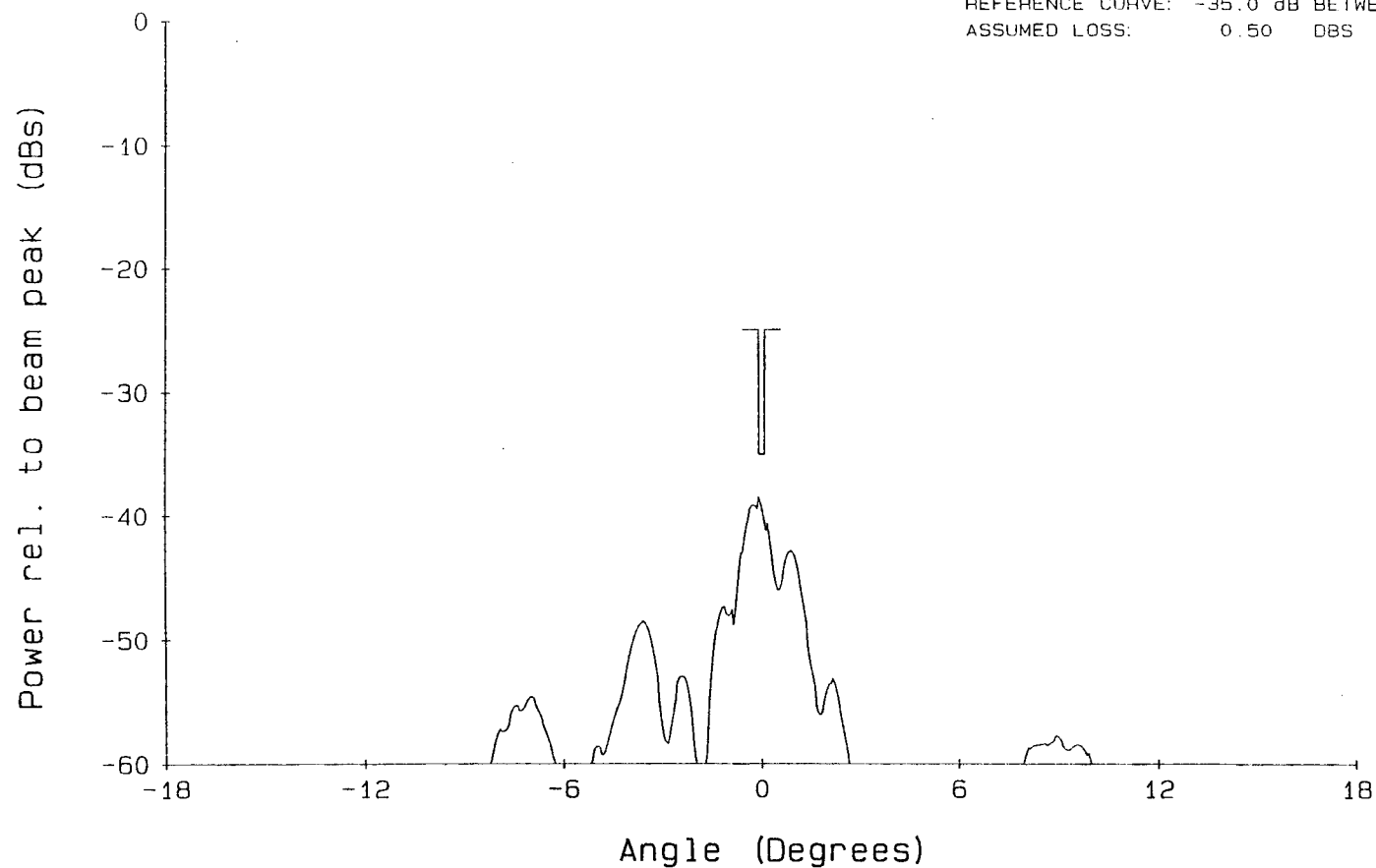
CYLINDRICAL NEAR FIELD TEST FACILITY

FREQUENCY: 14.125 GHz
ANGLE OF CUT: 0.00 DEG.
DIRECTIVE GAIN: 11.5 DBS
3 dB BEAMWIDTH: 0.89 DEG.
POLARIZATION: LUDWIG 3 LINEAR CROSSPOLAR
EULER ANGLES: 0.00 0.00 0.00 DEG.
POL REF ANGLES: 0.00 0.00 0.00 DEG.
REFERENCE CURVE: -35.0 dB BETWEEN -0.2 dB POINTS
ASSUMED LOSS: 0.50 DBS



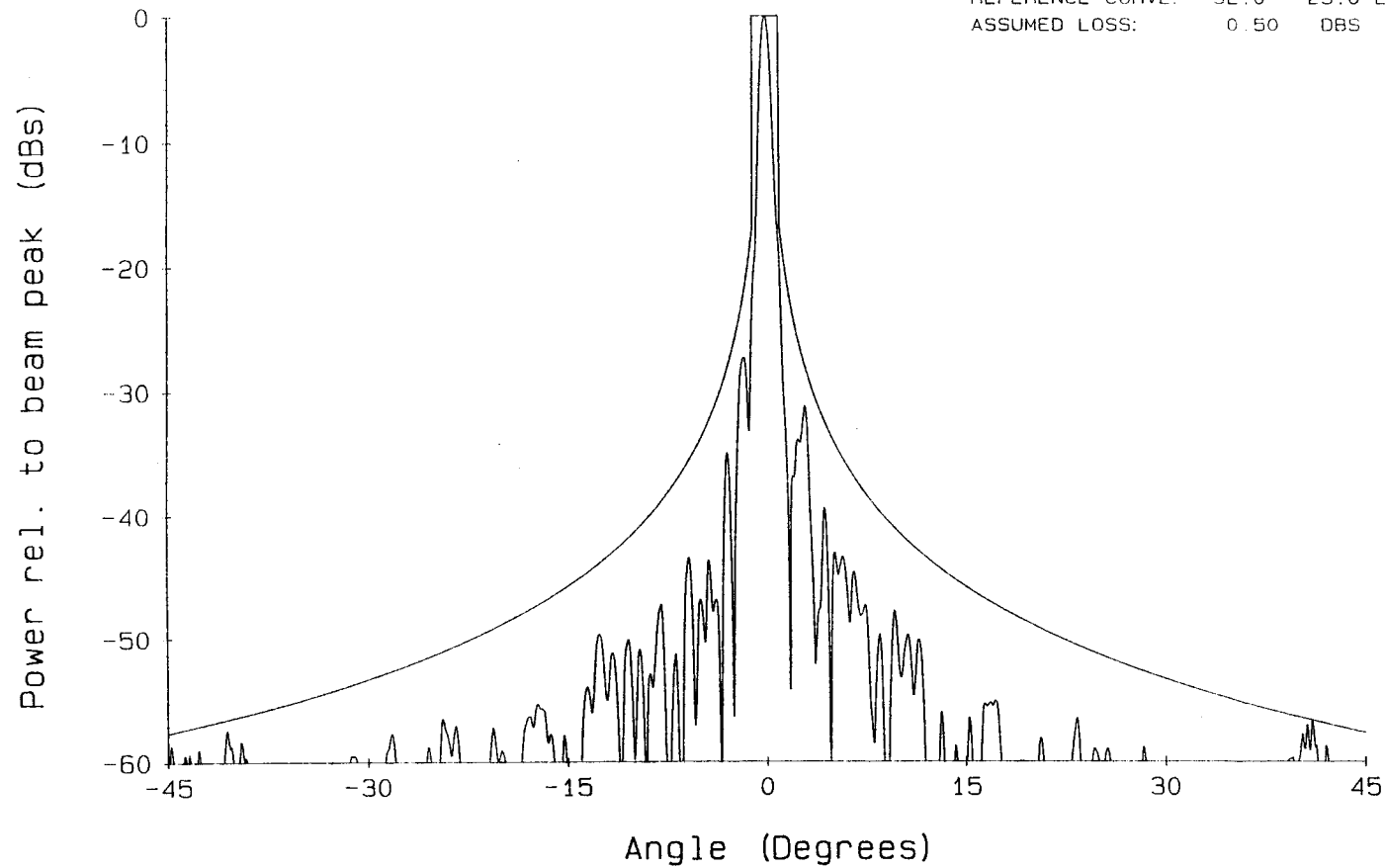
CYLINDRICAL NEAR FIELD TEST FACILITY

FREQUENCY: 14.125 GHz
ANGLE OF CUT: 90.00 DEG.
DIRECTIVE GAIN: 10.3 DBS
3 dB BEAMWIDTH: 0.74 DEG.
POLARIZATION: LUDWIG 3 LINEAR CROSSPOLAR
EULER ANGLES: 0.00 0.00 0.00 DEG.
POL REF ANGLES: 0.00 0.00 0.00 DEG.
REFERENCE CURVE: -35.0 dB BETWEEN -0.2 dB POINTS
ASSUMED LOSS: 0.50 DBS



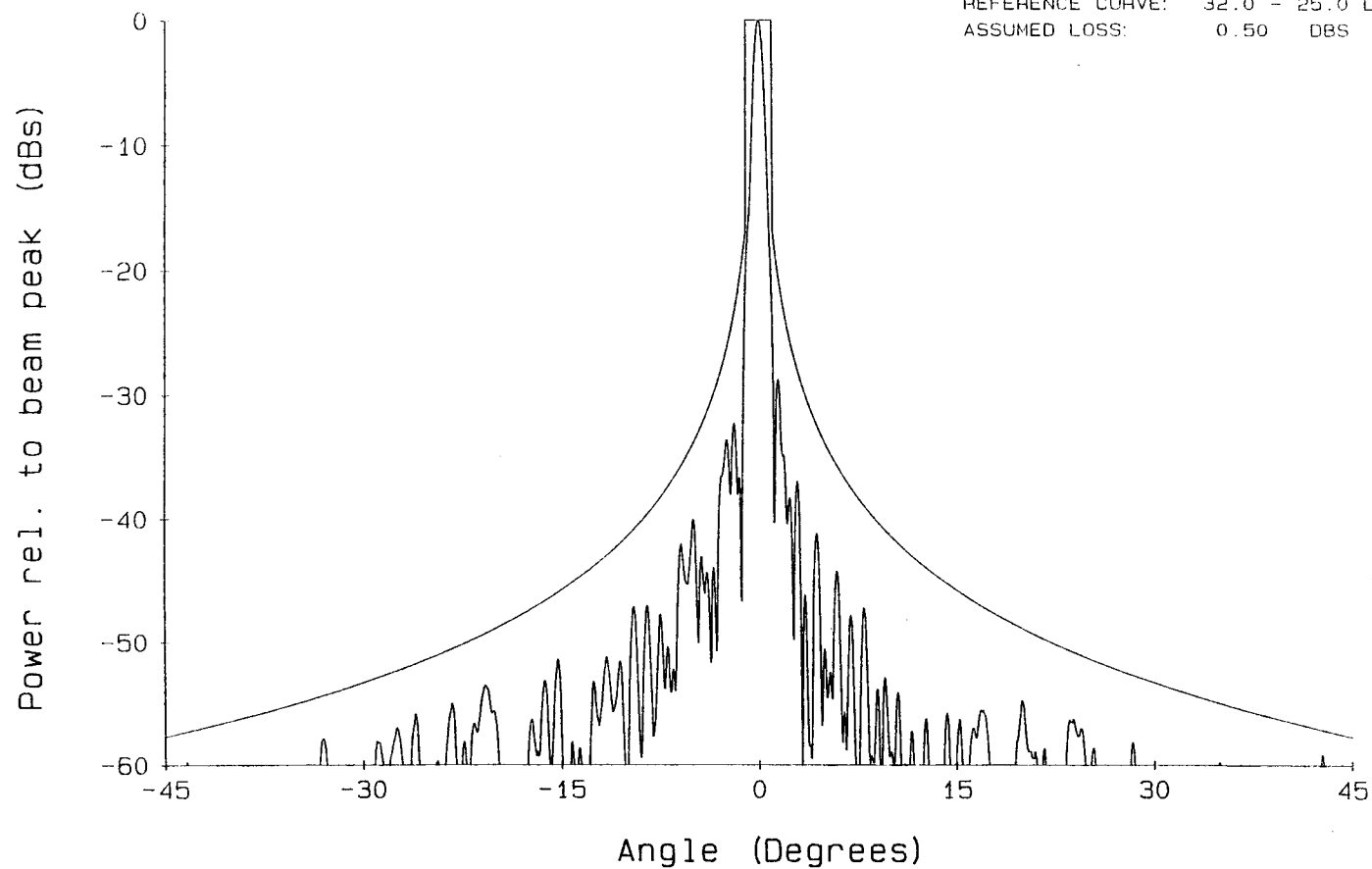
CYLINDRICAL NEAR FIELD TEST FACILITY

FREQUENCY: 14.125 GHz
ANGLE OF CUT: 0.00 DEG.
DIRECTIVE GAIN: 48.9 DBS
3 dB BEAMWIDTH: 0.65 DEG.
POLARIZATION: LUDWIG 3 LINEAR COPOLAR
EULER ANGLES: 0.00 0.00 0.00 DEG.
POL REF ANGLES: 0.00 0.00 0.00 DEG.
REFERENCE CURVE: 32.0 - 25.0 LOG THETA
ASSUMED LOSS: 0.50 DBS



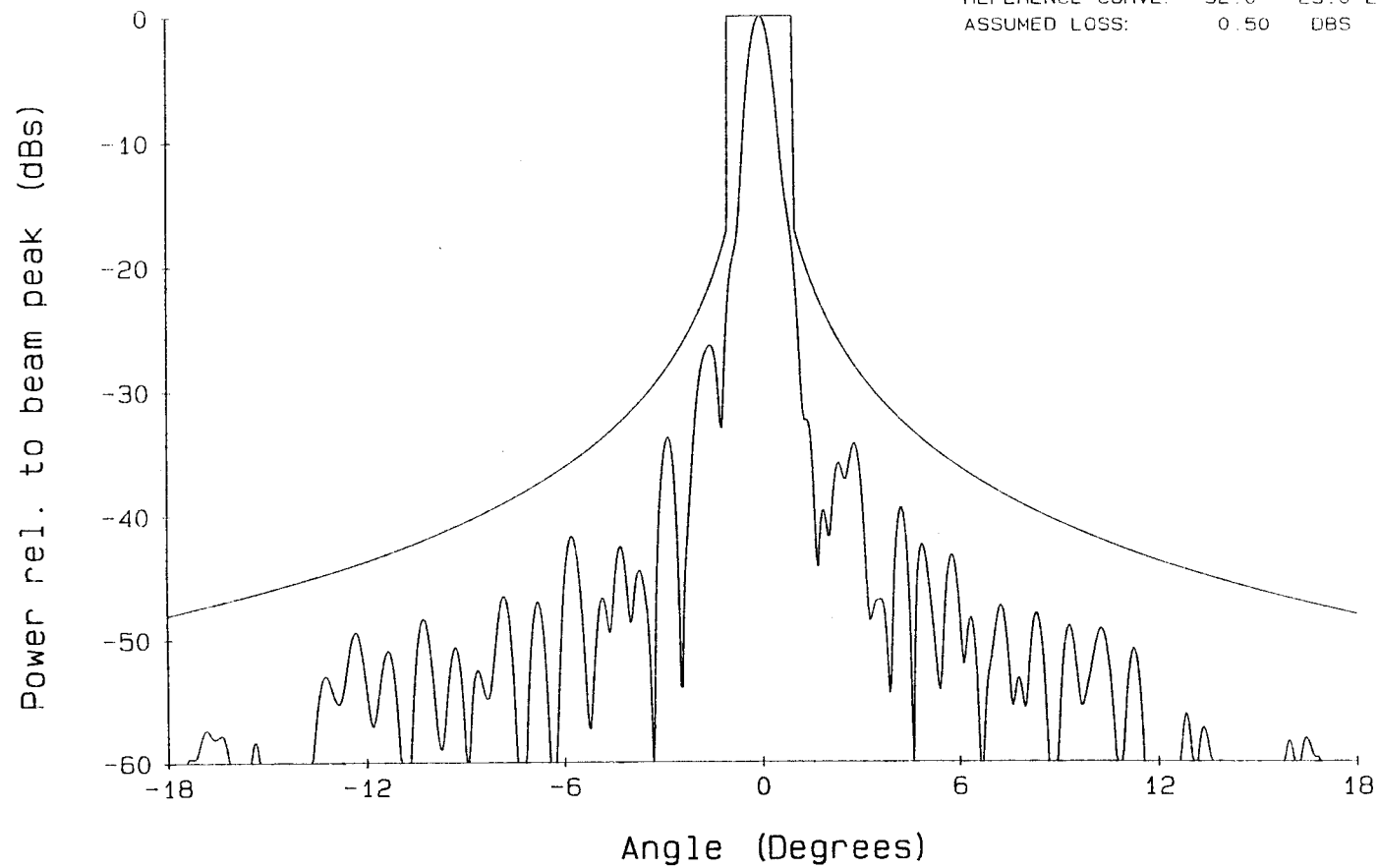
CYLINDRICAL NEAR FIELD TEST FACILITY

FREQUENCY: 14.125 GHz
ANGLE OF CUT: 90.00 DEG.
DIRECTIVE GAIN: 48.9 DBS
3 dB BEAMWIDTH: 0.63 DEG.
POLARIZATION: LUDWIG 3 LINEAR COPOLAR
EULER ANGLES: 0.00 0.00 0.00 DEG.
POL REF ANGLES: 0.00 0.00 0.00 DEG.
REFERENCE CURVE: 32.0 - 25.0 LOG THETA
ASSUMED LOSS: 0.50 DBS



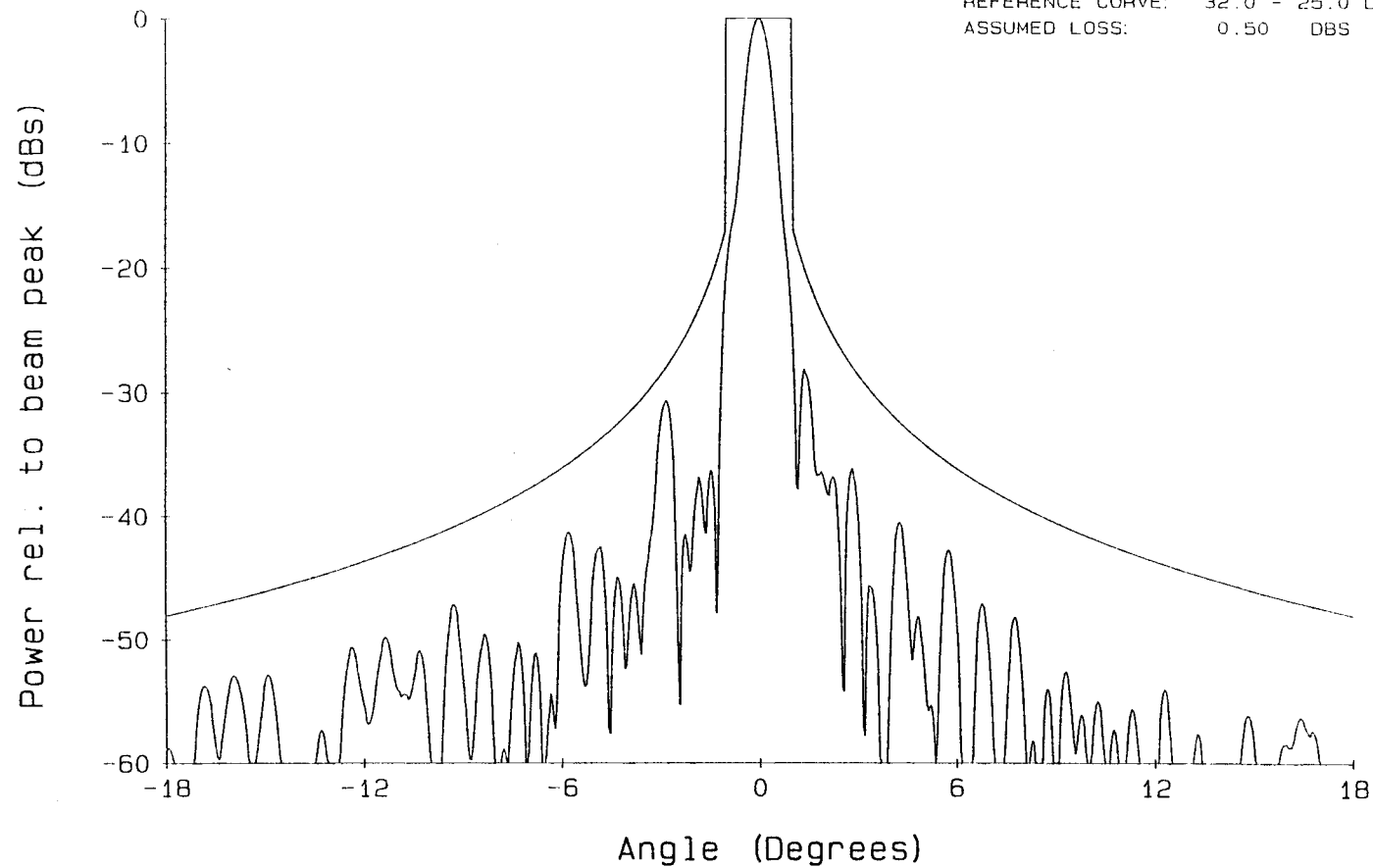
CYLINDRICAL NEAR FIELD TEST FACILITY

FREQUENCY: 14.500 GHz
ANGLE OF CUT: 0.00 DEG.
DIRECTIVE GAIN: 49.2 DBS
3 dB BEAMWIDTH: 0.61 DEG.
POLARIZATION: LUDWIG 3 LINEAR COPOLAR
EULER ANGLES: 0.00 0.00 0.00 DEG.
POL REF ANGLES: 0.00 0.00 0.00 DEG.
REFERENCE CURVE: 32.0 - 25.0 LOG THETA
ASSUMED LOSS: 0.50 DBS



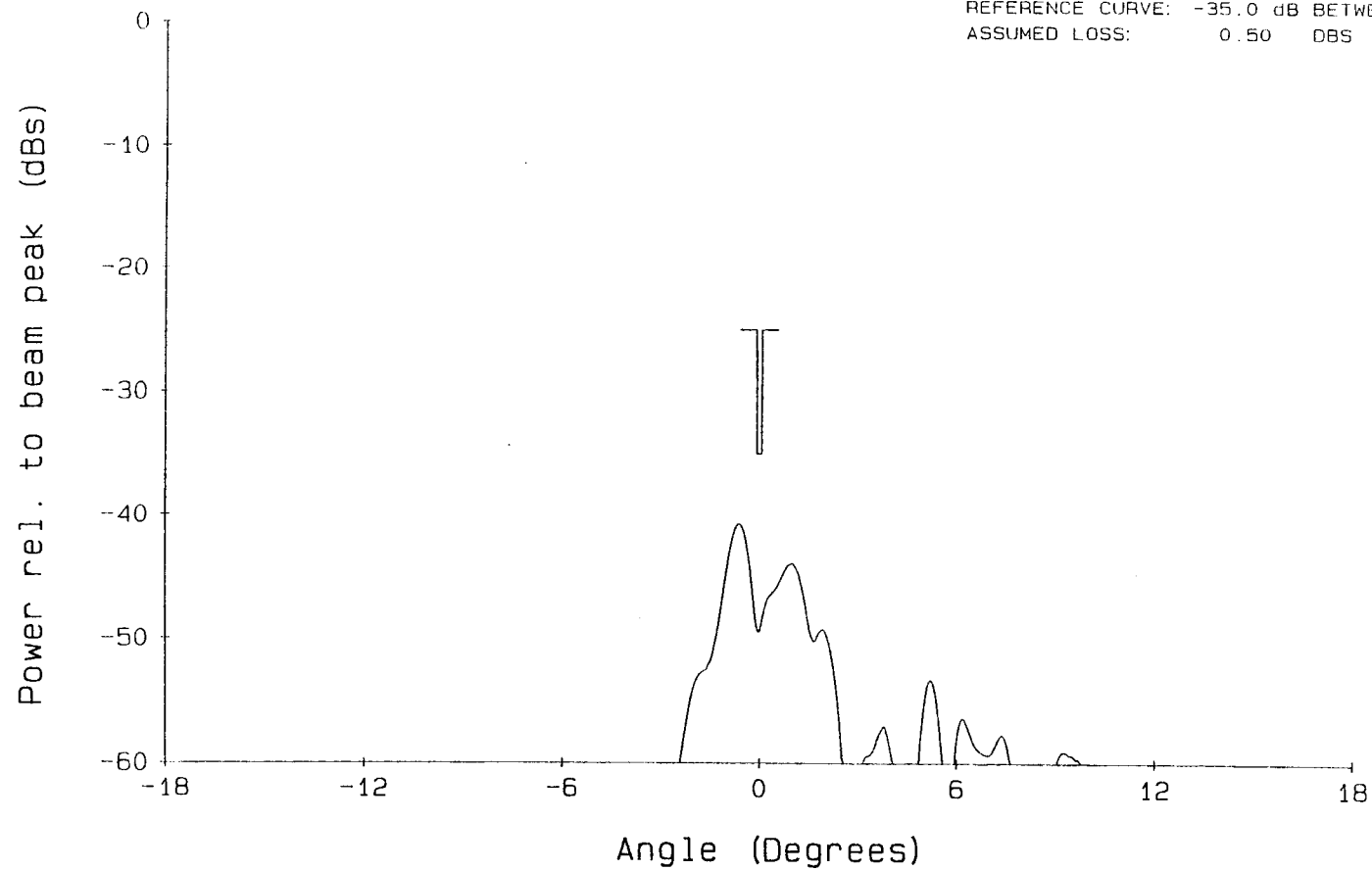
CYLINDRICAL NEAR FIELD TEST FACILITY

FREQUENCY: 14.500 GHz
ANGLE OF CUT: 90.00 DEG.
DIRECTIVE GAIN: 49.2 DBS
3 dB BEAMWIDTH: 0.61 DEG.
POLARIZATION: LUDWIG 3 LINEAR COPOLAR
EULER ANGLES: 0.00 0.00 0.00 DEG.
POL REF ANGLES: 0.00 0.00 0.00 DEG.
REFERENCE CURVE: 32.0 - 25.0 LOG THETA
ASSUMED LOSS: 0.50 DBS



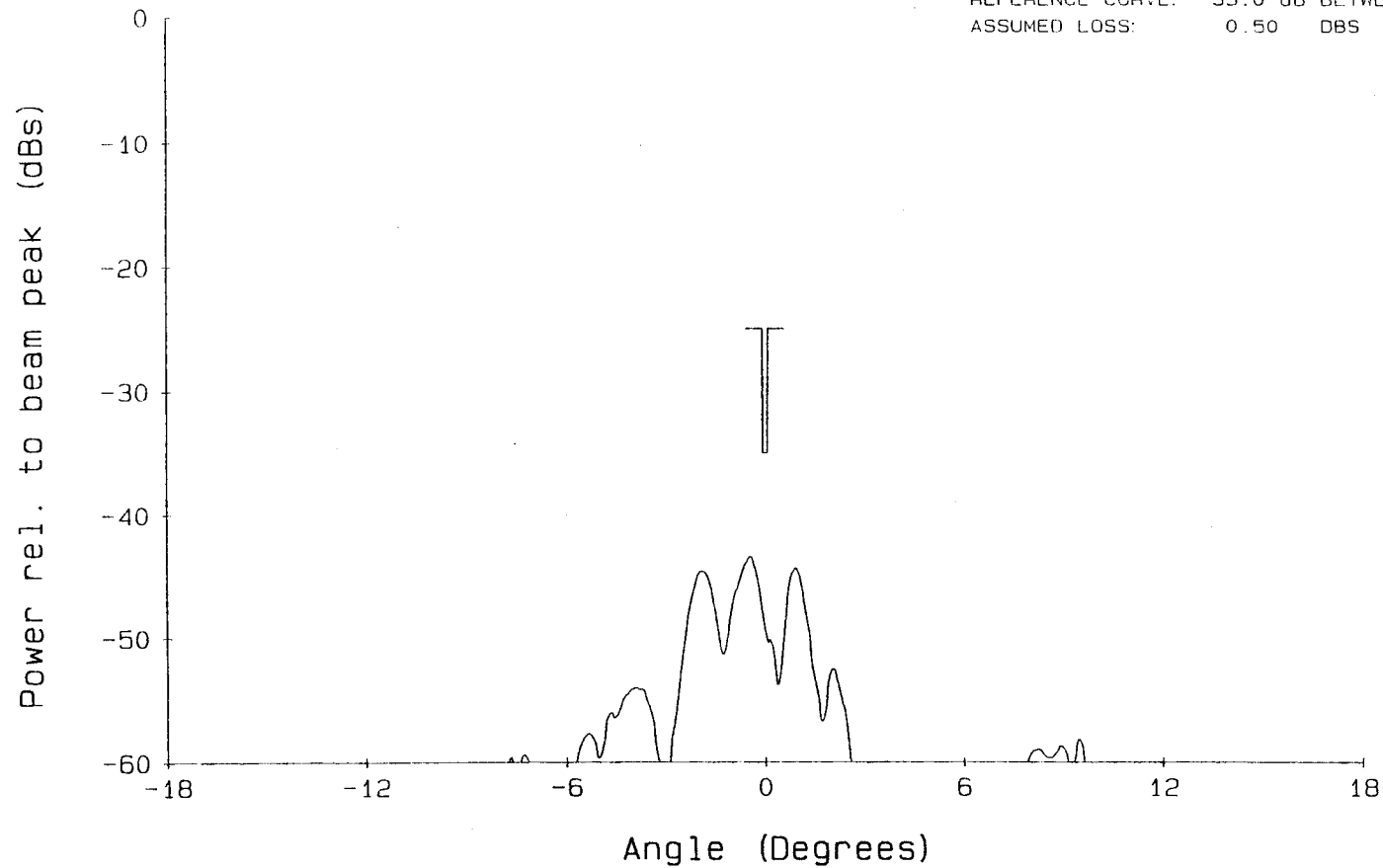
CYLINDRICAL NEAR FIELD TEST FACILITY

FREQUENCY: 14.500 GHz
ANGLE OF CUT: 0.00 DEG.
DIRECTIVE GAIN: 8.4 DBS
3 dB BEAMWIDTH: 0.64 DEG.
POLARIZATION: LUDWIG 3 LINEAR CROSSPOLAR
EULER ANGLES: 0.00 0.00 0.00 DEG.
POL REF ANGLES: 0.00 0.00 0.00 DEG.
REFERENCE CURVE: -35.0 dB BETWEEN -0.2 dB POINTS
ASSUMED LOSS: 0.50 DBS



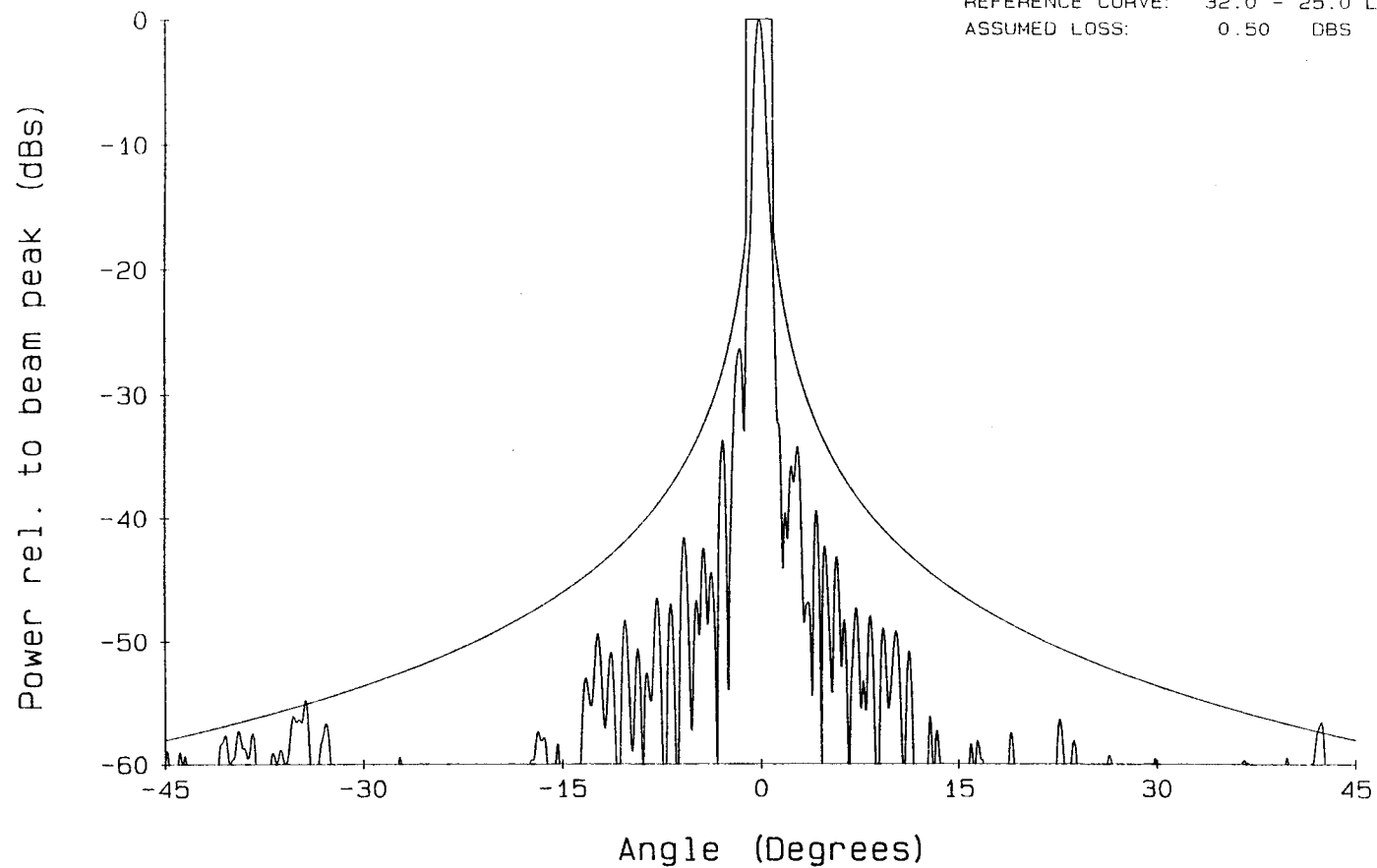
CYLINDRICAL NEAR FIELD TEST FACILITY

FREQUENCY: 14.500 GHz
ANGLE OF CUT: 90.00 DEG.
DIRECTIVE GAIN: 5.7 DBS
3 dB BEAMWIDTH: 0.76 DEG.
POLARIZATION: LUDWIG 3 LINEAR CROSSPOLAR
EULER ANGLES: 0.00 0.00 0.00 DEG.
POL REF ANGLES: 0.00 0.00 0.00 DEG.
REFERENCE CURVE: -35.0 dB BETWEEN -0.2 dB POINTS
ASSUMED LOSS: 0.50 DBS



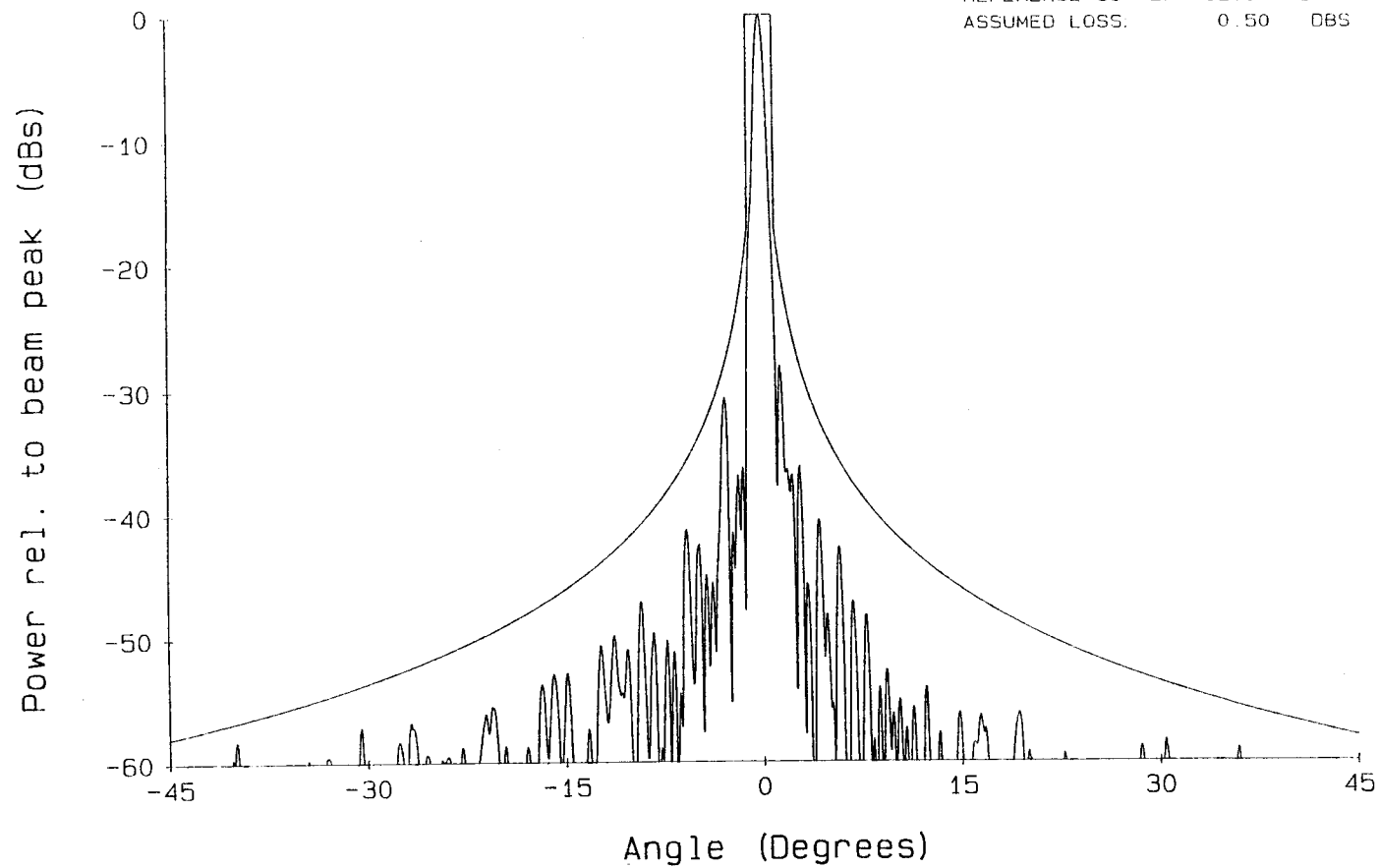
CYLINDRICAL NEAR FIELD TEST FACILITY

FREQUENCY: 14.500 GHz
ANGLE OF CUT: 0.00 DEG.
DIRECTIVE GAIN: 49.2 DBS
3 dB BEAMWIDTH: 0.61 DEG
POLARIZATION: LUDWIG 3 LINEAR COPOLAR
EULER ANGLES: 0.00 0.00 0.00 DEG.
POL REF ANGLES: 0.00 0.00 0.00 DEG.
REFERENCE CURVE: 32.0 - 25.0 LOG THETA
ASSUMED LOSS: 0.50 DBS



CYLINDRICAL NEAR FIELD TEST FACILITY

FREQUENCY: 14.500 GHz
ANGLE OF CUT: 90.00 DEG.
DIRECTIVE GAIN: 49.2 DBS
3 dB BEAMWIDTH: 0.61 DEG.
POLARIZATION: LUDWIG 3 LINEAR COPOLAR
EULER ANGLES: 0.00 0.00 0.00 DEG.
POL. REF ANGLES: 0.00 0.00 0.00 DEG.
REFERENCE CURVE: 32.0 - 25.0 LOG THETA
ASSUMED LOSS: 0.50 DBS



CYLINDRICAL NEAR FIELD TEST FACILITY