

Technical Specification



Frequency Range(GHz)	22.0 - 33.0
Gain(dB)	10 Typ.
3dB Beamwidth(deg)	55 Typ.
Waveguide	WR34
Material	Cu
Output	A Type: FBP260 C Type: 2.92mm-F
Size(mm) W x H x L	A Type: 18x14x39 C Type: 18x14x64
Net Weight(Kg)	A Type: 0.03 Around C Type: 0.08 Around

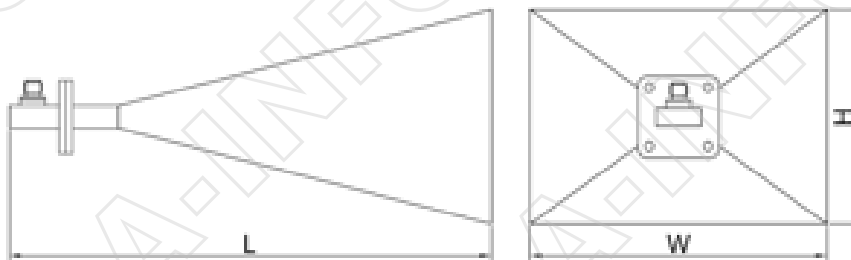
Outline Drawing (Size: mm)

A Type



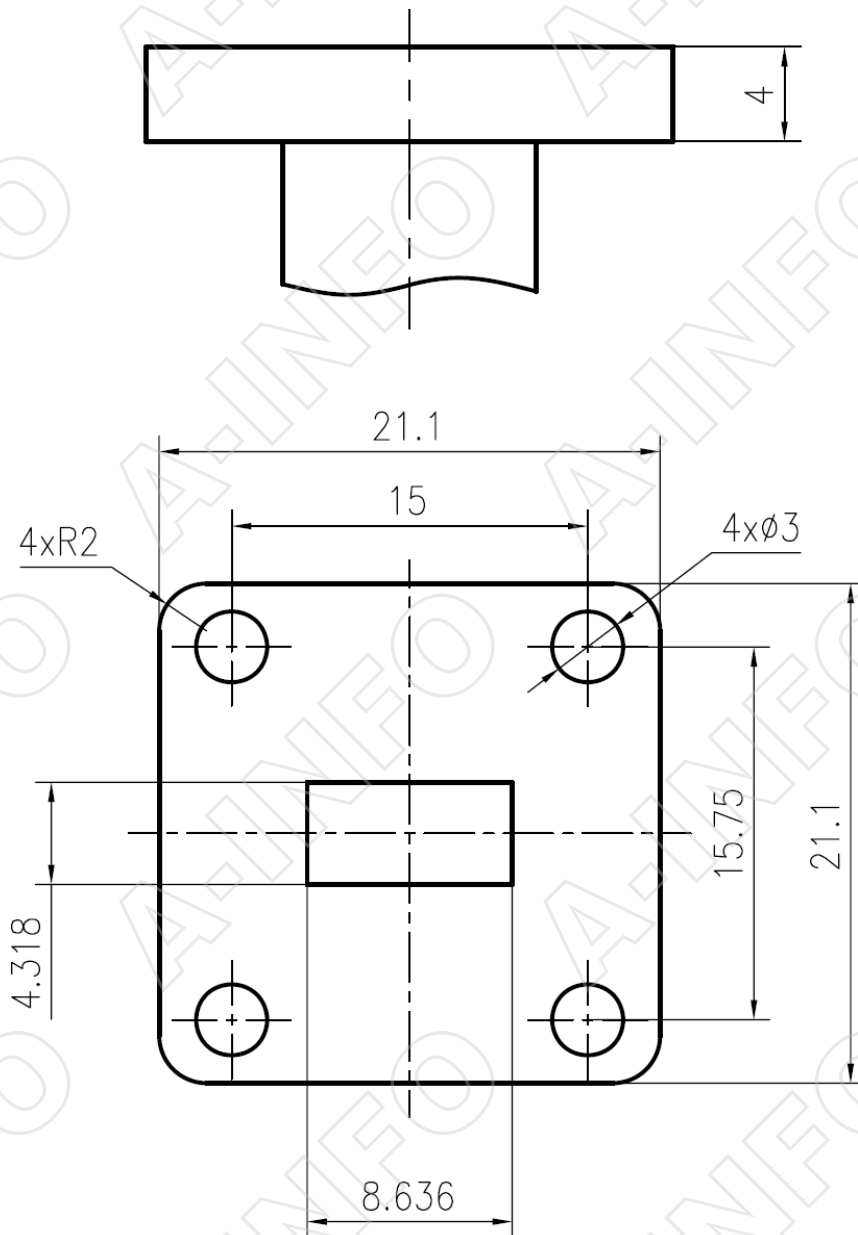
W x H x L: 18x14x39

C Type



W x H x L: 18x14x64

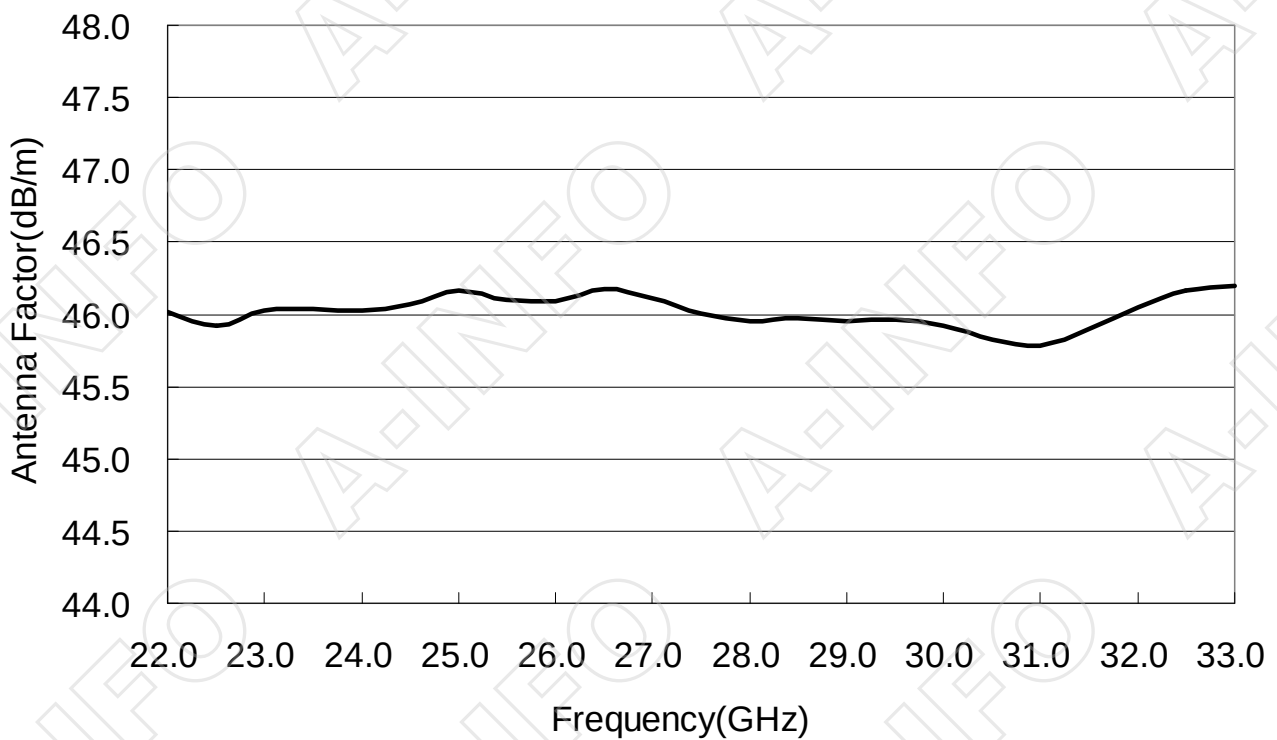
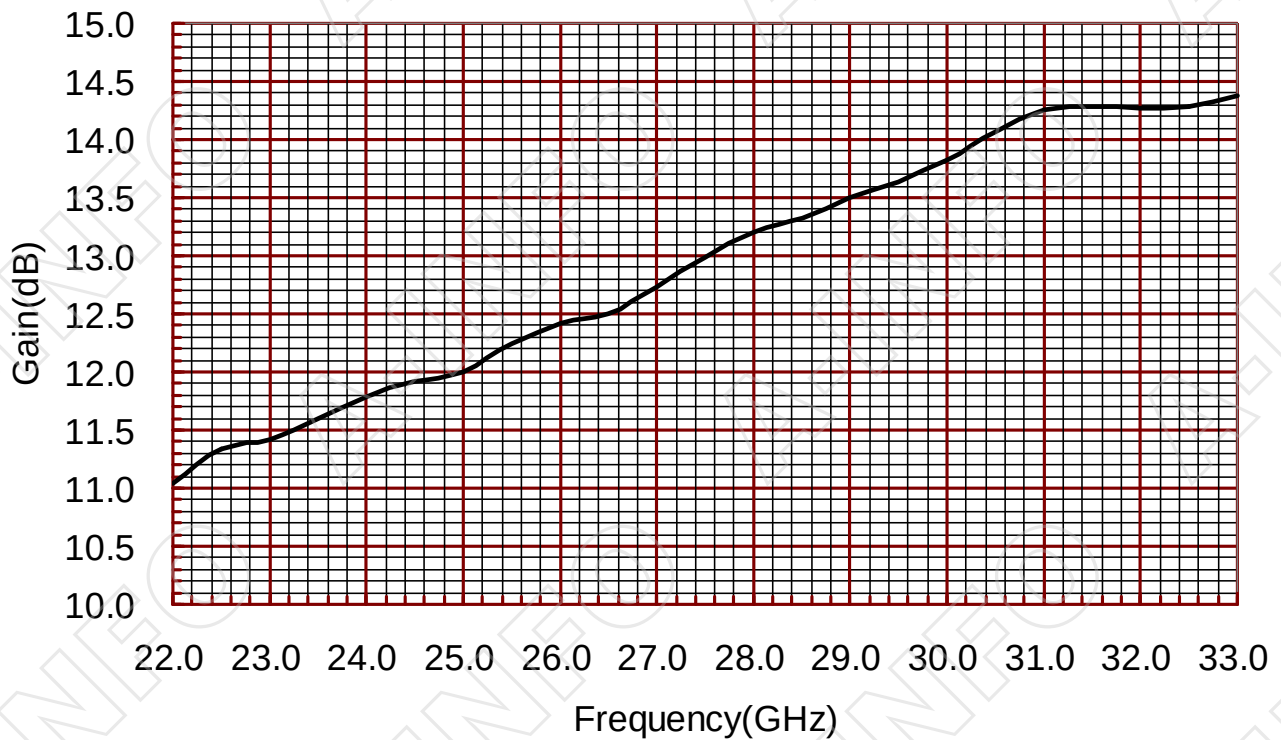
Flange Drawing (Size: mm)



FBP260

Test Results

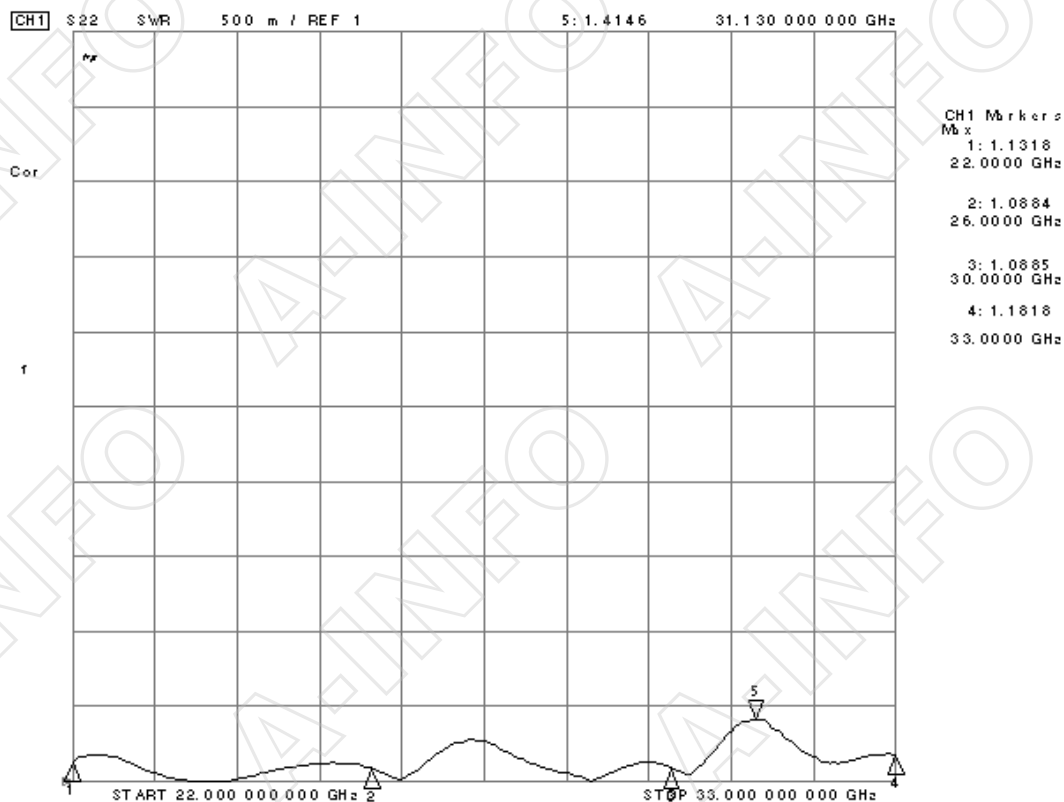
1. Gain & Antenna Factor



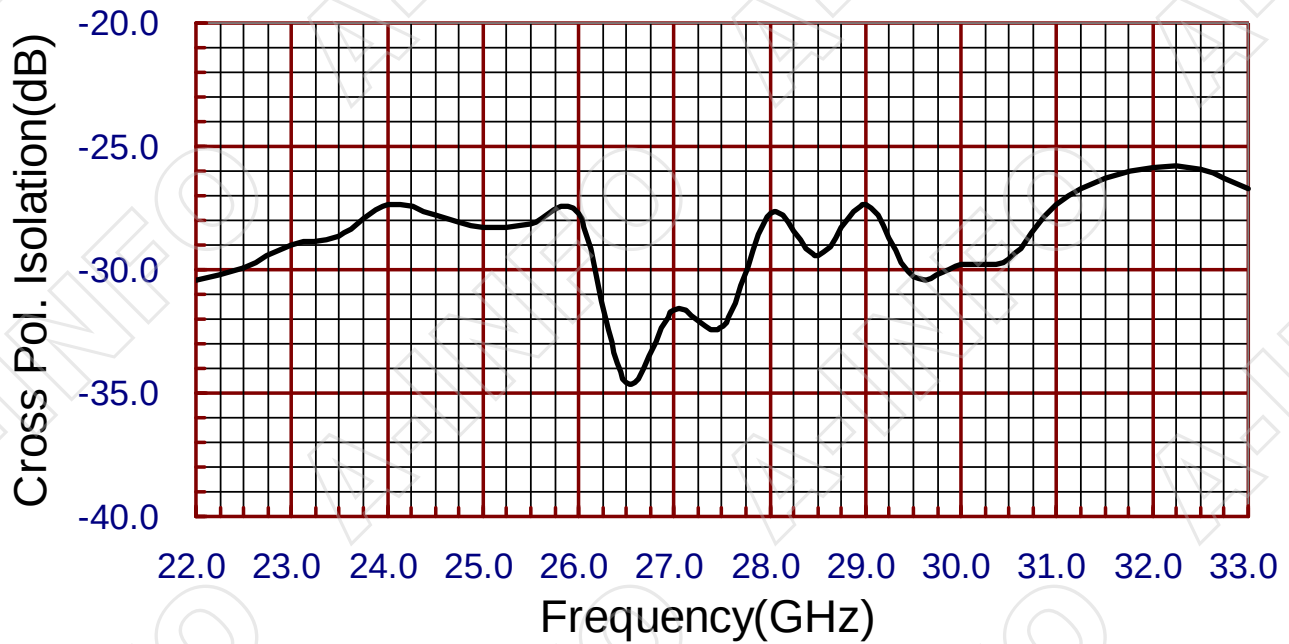
Frequency (GHz)	Gain (dB)	Antenna Factor (dB/m)
22.00	11.04	46.02
22.50	11.33	45.92
23.00	11.41	46.03
23.50	11.59	46.04
24.00	11.78	46.03
24.50	11.93	46.07
25.00	12.00	46.16
25.50	12.24	46.10
26.00	12.42	46.09
26.50	12.50	46.17
27.00	12.72	46.11
27.50	12.99	46.01

Frequency (GHz)	Gain (dB)	Antenna Factor (dB/m)
28.00	13.20	45.96
28.50	13.33	45.98
29.00	13.50	45.96
29.50	13.64	45.97
30.00	13.83	45.92
30.50	14.07	45.82
31.00	14.26	45.78
31.50	14.28	45.90
32.00	14.26	46.05
32.50	14.28	46.17
33.00	14.38	46.20

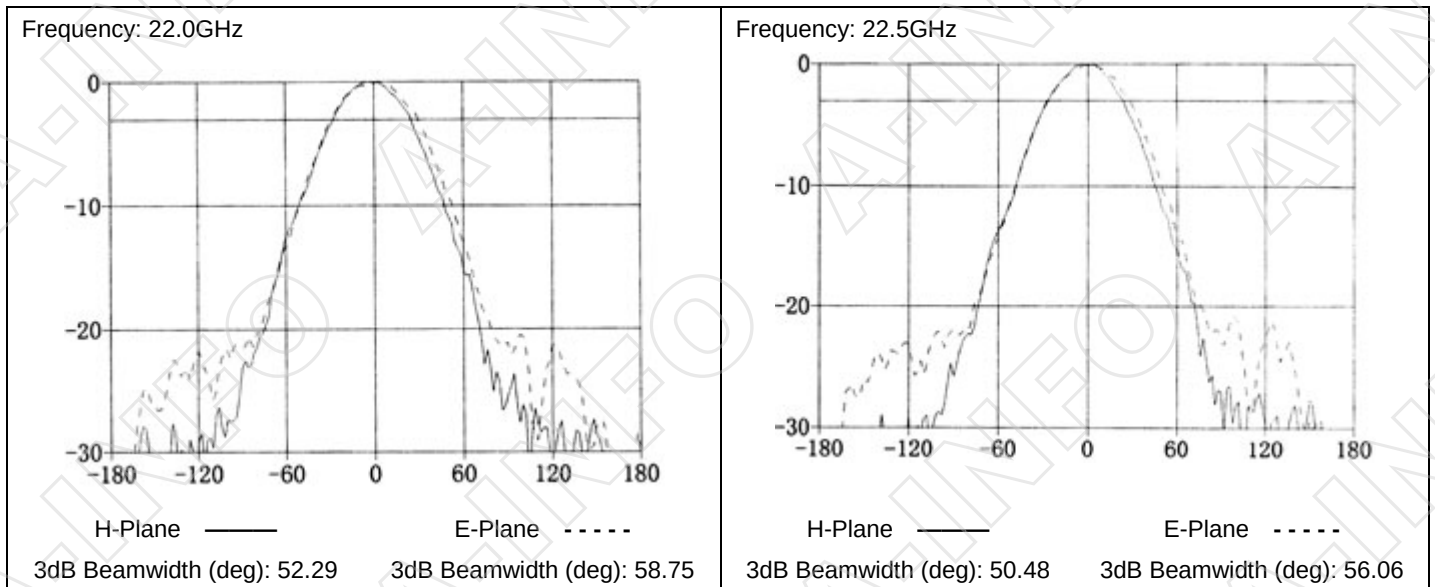
2. VSWR



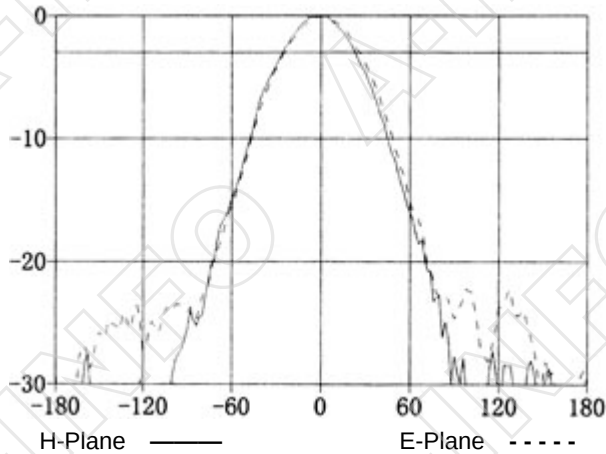
3. Cross Polarization Isolation



4. Pattern

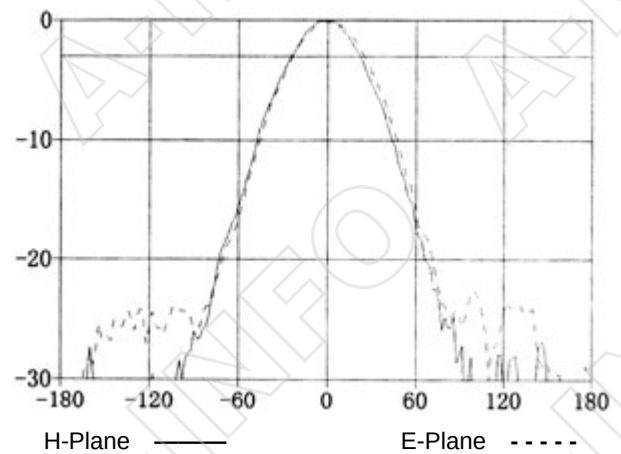


Frequency: 23.0GHz



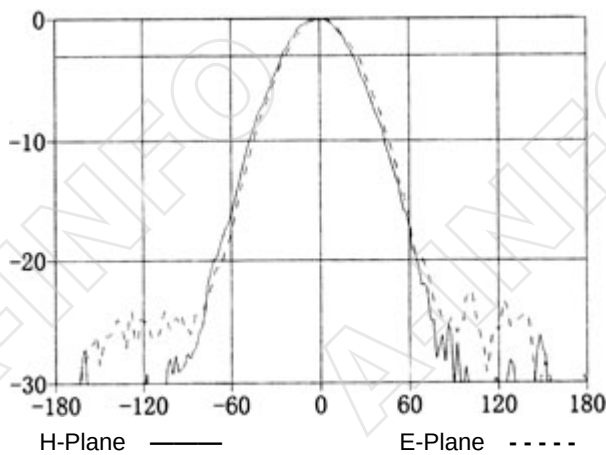
3dB Beamwidth (deg): 48.50 3dB Beamwidth (deg): 49.97

Frequency: 23.5GHz



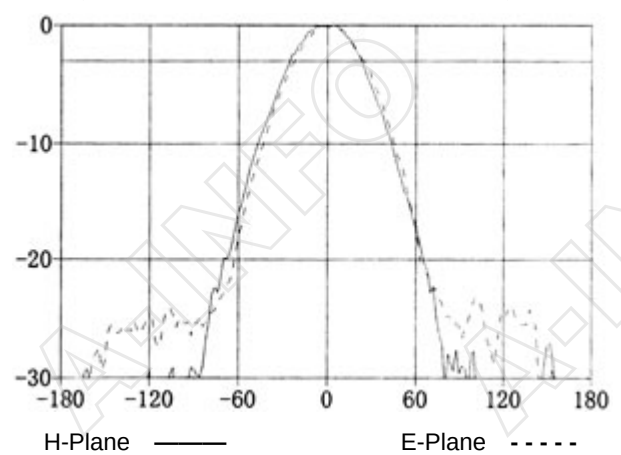
3dB Beamwidth (deg): 46.92 3dB Beamwidth (deg): 47.99

Frequency: 24.0GHz



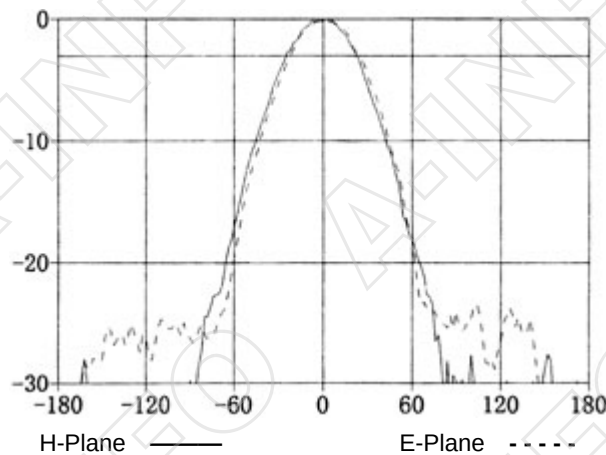
3dB Beamwidth (deg): 47.42 3dB Beamwidth (deg): 48.34

Frequency: 24.5GHz



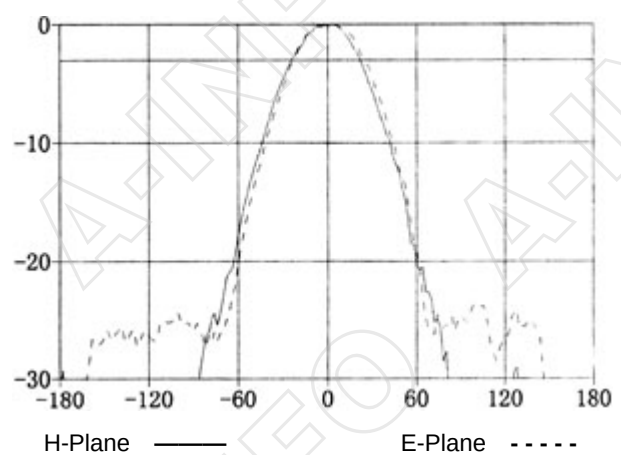
3dB Beamwidth (deg): 48.59 3dB Beamwidth (deg): 46.98

Frequency: 25.0GHz

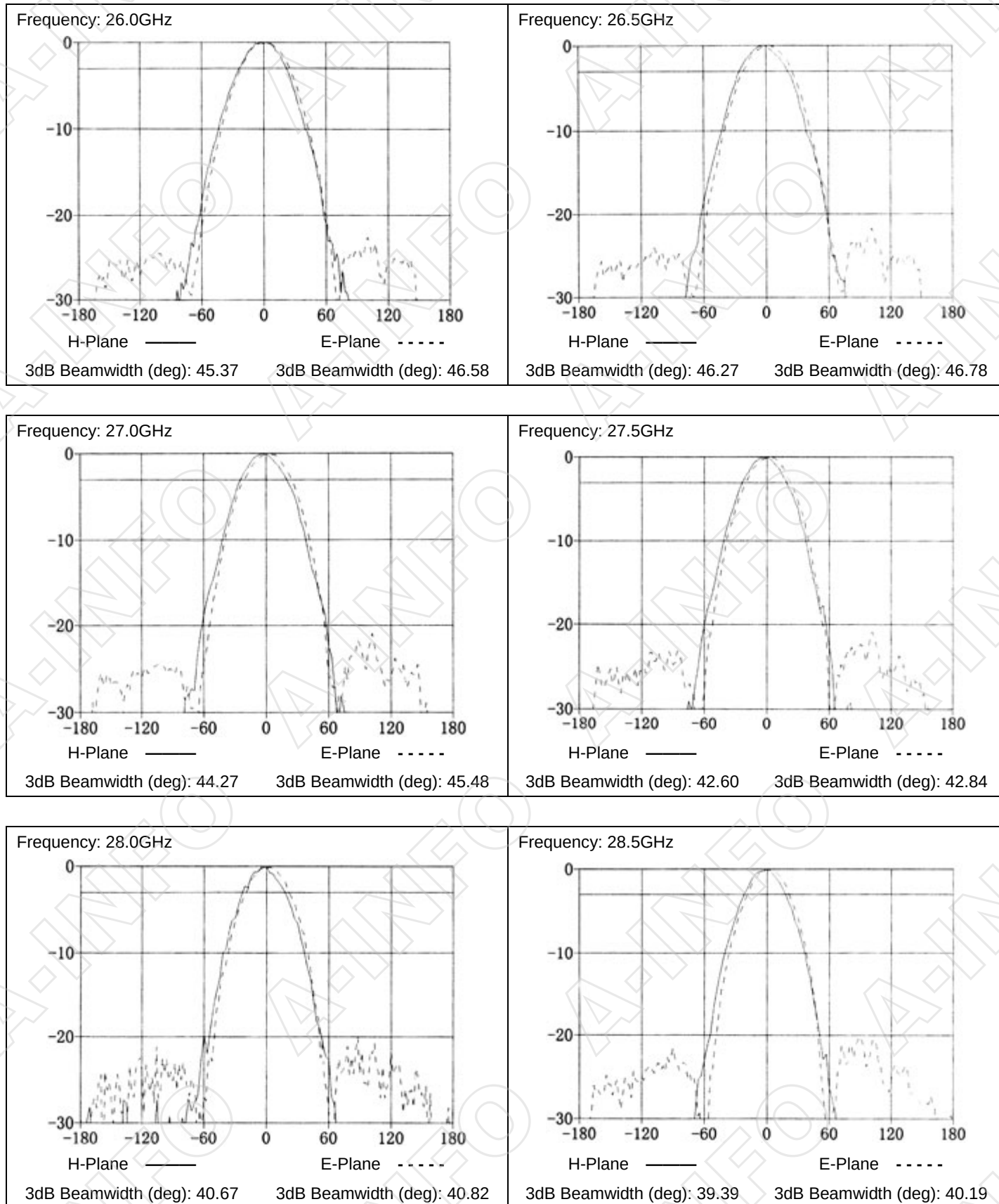


3dB Beamwidth (deg): 47.58 3dB Beamwidth (deg): 45.92

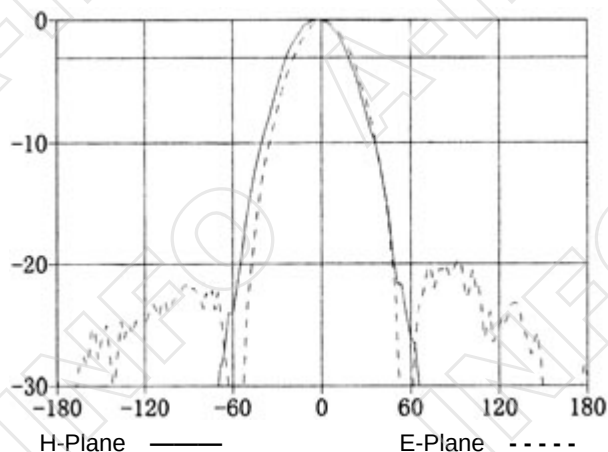
Frequency: 25.5GHz



3dB Beamwidth (deg): 46.36 3dB Beamwidth (deg): 46.67

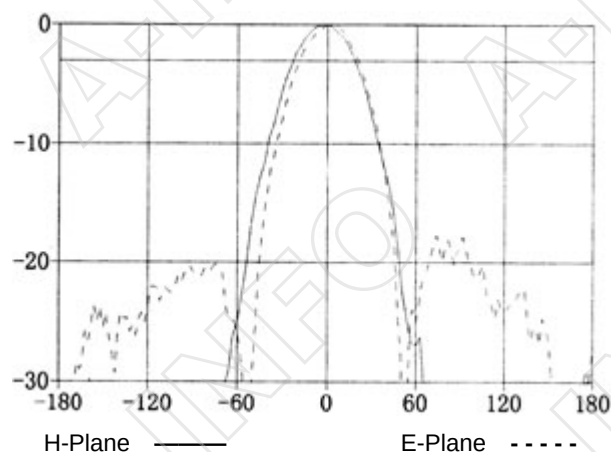


Frequency: 29.0GHz



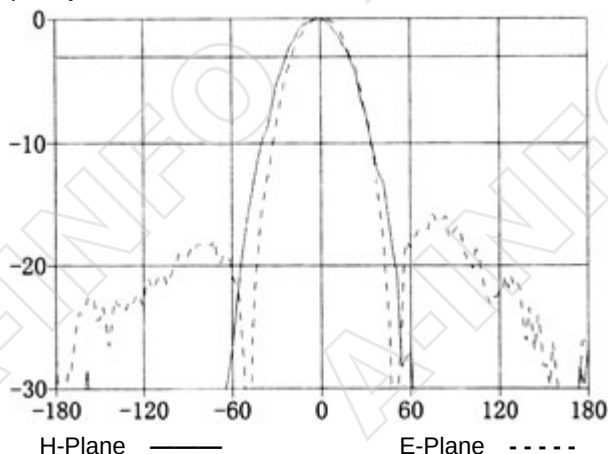
3dB Beamwidth (deg): 42.13 3dB Beamwidth (deg): 39.96

Frequency: 29.5GHz



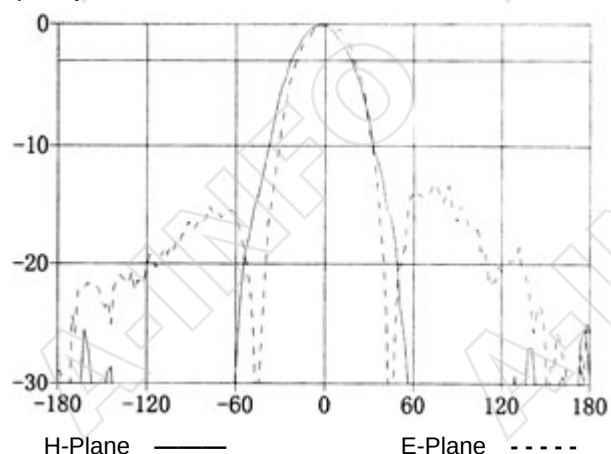
3dB Beamwidth (deg): 41.52 3dB Beamwidth (deg): 39.57

Frequency: 30.0GHz



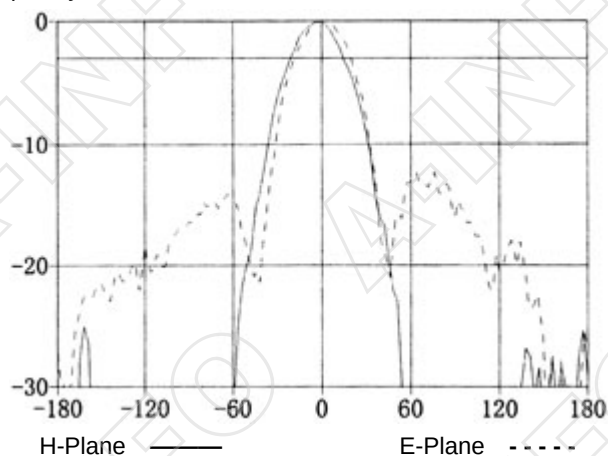
3dB Beamwidth (deg): 42.27 3dB Beamwidth (deg): 39.22

Frequency: 30.5GHz



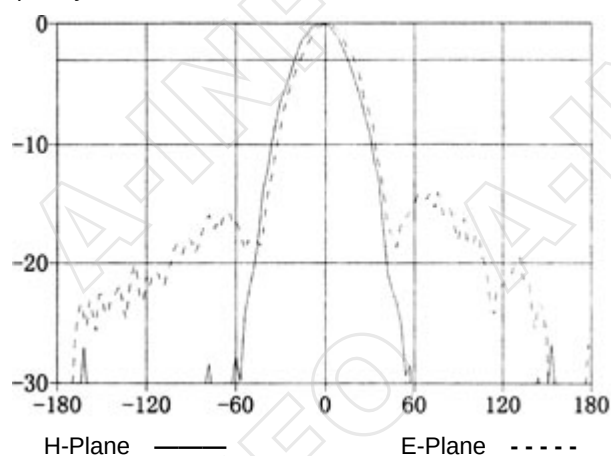
3dB Beamwidth (deg): 40.41 3dB Beamwidth (deg): 38.58

Frequency: 31.0GHz



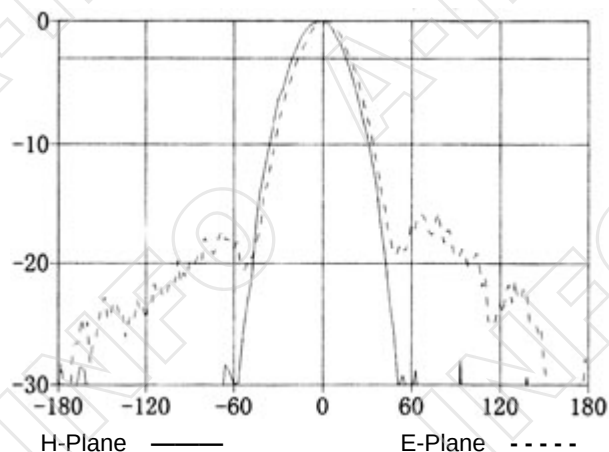
3dB Beamwidth (deg): 35.65 3dB Beamwidth (deg): 38.75

Frequency: 31.5GHz



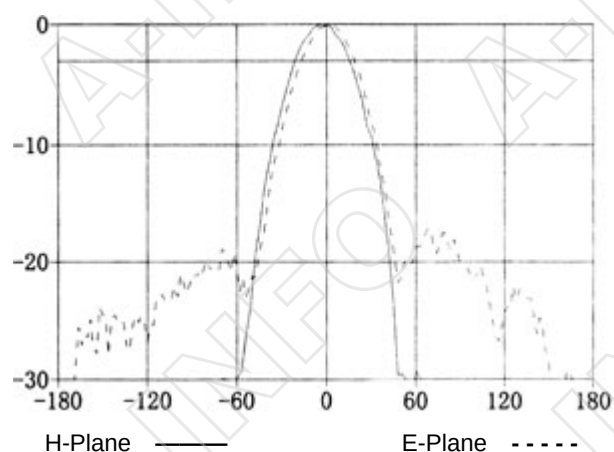
3dB Beamwidth (deg): 35.82 3dB Beamwidth (deg): 36.04

Frequency: 32.0GHz



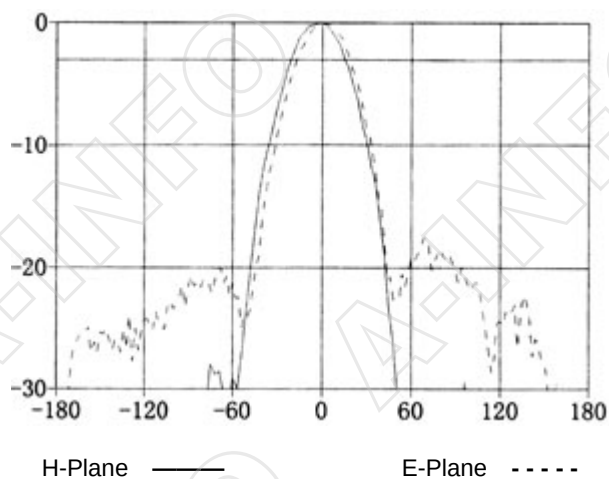
3dB Beamwidth (deg): 36.42 3dB Beamwidth (deg): 35.23

Frequency: 32.5GHz



3dB Beamwidth (deg): 36.63 3dB Beamwidth (deg): 35.43

Frequency: 33.0GHz



3dB Beamwidth (deg): 36.18 3dB Beamwidth (deg): 35.70