

## Antenna Gain data

### Class A (FMA) system

KRFU to FMA interconnect loss	Max	1.5 dB
	Min	0.6 dB
FMA gain on axis	29.0 GHz	38.4 dBiC
	29.5GHz	38.4 dBiC
	30.0GHz	37.9 dBiC
FMA gain @ 2 <sup>nd</sup> Harmonic on axis	58-60GHz	at least -55 dBiC

### Class B (TMA) system

KRFU to TMA interconnect loss	Max	0.6 dB
	Min	0.3 dB
TMA gain on axis	29.0 GHz	34.7 dBiC
	29.5GHz	34.4 dBiC
	30.0GHz	34.6 dBiC
TMA gain @ 2 <sup>nd</sup> Harmonic on axis	58.0 GHz	4 dBiC
	58.5 GHz	17 dBiC
	59.0GHz	6 dBiC
	60.0GHz	12 dBiC

Antenna off-axis gain data is available if required for both antennas on both the wanted frequency and 2<sup>nd</sup> harmonic.