

## IS-907 Specifications

Total Transponders	C-band Ku-band	up to 76 (in equiv. 36 MHz units) up to 22 (in equiv. 36 MHz units)
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Polarization	C-band Ku-band	Circular - Right or Left Hand Linear - Horizontal or Vertical
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e.i.r.p. (C-band)	Global Beam Hemi Bean Zone Beam	31.0 to 35.9 dBW 37.0 to 41.3 dBW 37.0 to 47.6 dBW
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Uplink Frequency	C-band Ku-band	5850 to 6425 MHz 14.00 to 14.50 GHz
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Downlink Frequency	C-band Ku-band	3625 to 4200 MHz 10.95 to 11.70 GHz
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G/T (C-band)	Global Beam Hemi Bean Zone Beam	-11.2 up to -5.6 dB/K -6.6 up to -1.8 dB/K -5.5 up to +6.3 dB/K
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G/T (Ku-band)	Spot 1 Spot 2	Up to 9.0 dB/K Up to 9.0 dB/K
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SFD Range (Beam Edge)	C-band Ku-band	-89.0 to -67.0 dBW/m <sup>2</sup> -87.0 to -69.0 dBW/m <sup>2</sup>
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