

IDCS Channel Operation (Legacy 100 BPS)

The transmitted radio frequency shall use the 11 IDCS channels (with centre frequencies spaced 3 kHz apart), from 402.0355 - 402.0655 MHz regardless of the spacecraft.

Table 2.2 provides the frequency of the unmodulated carrier for the 11 channels. Channel number	Frequency MHz	GOES 300/1200 Channel Numbers
1	402.0355	224
2	402.0385	226
3	402.0415	228 *
4	402.0445	230
5	402.0475	232
6	402.0505	234*
7	402.0535	236
8	402.0565	238
9	402.0595	240*
10	402.0625	242
11	402.0655	244

* Represents a 1200 bps channel definition

Table 2.2 IDCS Channel Frequencies

Note: The above section is reproduced from the 'IDCS Users Guide', Issue 10, Version 1, October 2009 and modified with the right column showing the GOES channel frequency overlap.