









## RF Characteristics

Unless otherwise indicated, typical performance specifications are listed and apply to transmitters/receivers connected back-to-back. Specifications must be confirmed before they become applicable to any specific system, contract or order.

		Typical Output Power dBm (BER 10 <sup>-6</sup> ) With the 5100 RFU (13 to 23 GHz), values are enhanced by .5 dB.									
		Frequency Band (GHz)									
Airlink Capacity	Modulation QPSK/QAM	L6	U6	7	8	11	13	15	18	23	38
4 DS1	QPSK 16	26.5	26.5	25.5	25.0	23.0 23.0		26.0 23.0	26.0 23.0	23.0 21.0	21.0 19.0
8 DS1	QPSK 16 32	26.5	26.5	25.5 25.5	25.0	23.0		26.0 23.0 22.0	26.0 23.0	23.5 21.0	22.0 19.0
12 DS1	32	24.5	24.5	23.5	23.0	21.0		22.0	22.0	20.0	18.0
16 DS1	QPSK 16 128	24.5	24.5	23.5	23.0	21.0 21.0		26.0 23.0	26.0 23.0	24.0 21.0	22.0 19.0
28 DS1	16 64	24.5	24.5	23.5	23.0	21.0	17.5	23.0 21.0	26.0 21.0	21.0 19.0	19.0
1 STS-1 (28 DS1 Sub STS-3) SMX	QPSK QPSK 16 16 32 64	24.5	24.5	23.5 23.5	23.0 23.0	21.0	22.0	26.0 23.0 23.0	26.0 23.5 23.5	24.0 21.0 21.0 20.0	22.0 19.0 18.0 17.0
DS3 + DS1	QPSK QPSK 16 64	24.5	24.5	23.5	23.0	21.0 22.0	20.0	26.0 23.0 21.0	26.0 23.0 21.0	24.0 21.0 19.0	22.0 19.0
29 DS1	QPSK QPSK 16 64	24.5	24.5	23.5	23.0	21.0 22.0	20.0	26.0 23.0 21.0	26.0 26.0 21.0	24.0 21.0 19.0	22.0 19.0
2 STS-1 (56 DS1 Sub STS-3) SMX	16 16 32 128	24.5	24.5	23.5 23.5	23.0 23.0	22.0 22.0		23.0 22.0 19.0	23.0 22.5 19.0	20.0 21.0 20.0 17.0	19.0
58 DS1	16 16 64	24.5	24.5	23.5		22.0 21.0	17.5	23.0 23.0 21.0	23.0 23.0 21.0	21.0	15.5
100BT+4 DS1 (107 Mb/s)	16 128	24.5	24.5	23.5		22.0		23.0 19.0	23.0 19.0	21.0 17.0	
3 DS3 + 3 DS1	16 32 128	24.5	24.5	23.5	23.0	22.0 21.0		22.0 19.0	22.0 19.0	21.0 20.0	19.0
87 DS1	16 32 64	24.5	24.5	23.5	23.0	22.0 21.0		22.0 21.0	22.0 21.0	21.0 20.0	19.0 17.0
100 DS1	32 64 128	24.5	24.5	23.5	23.0	22.0 21.0		21.0 19.0	21.0 19.0	20.0 19.0 17.0	18.0
OC-3 + DS1, (3 STS-1) SMX	32 64 128	24.5	24.5	23.5	23.0	22.0 21.0		21.0 19.0	21.0 19.0	18.0 19.0 17.0	18.0

Typical receiver threshold and nominal output power are given for unprotected (1+0) configuration.

Notes: For guaranteed value, TRuepoint 5100/5200: 2 dB below typical value.

