

Table on Site Density and Performance Distances

<u>Operating Band</u>	<u>Site Density</u>	<u>Max BS to CPE distance</u>	<u>Real world Modulation assumed in Design</u>	<u>Rain rate assumed in design</u>	<u>Link availability</u>	<u>Over-subscription Ratio per sector</u>	<u>Planned capacity per sector/port</u>	<u>Tier</u>	<u>Channel Bandwidth</u>	<u>PtP or PTMP</u>
CBRS 3.5 GHz 4x4 MIMO	8-20 mi	4-10mi NLOS	64 QAM	22.1mm/hr	99.995%	18:1	328.32Mbps DL x 60Mbps UL (4x4 w/ 2CA)	Above Baseline / Low Latency	40-100MHz	PTMP
CBRS 3.5 GHz 64x64 MIMO	8-20 mi	4-10mi NLOS	64 QAM	22.1mm/hr	99.995%	35:1	1.2Gbps DL x 480 Mbps UL (64x64 w/3CA)	Above Baseline / Low Latency	40-100MHz	PTMP
5 GHz 4x4 MIMO	2-10 mi	1-5 mi LOS	256 QAM	22.1mm/hr	99.995%	18:1	300Mbps DL x 60Mbps UL (2x2 & 40Mhz channel)	Above Baseline / Low Latency	40-80MHz	PTMP
6 GHz – 4x4 MIMO	2-6 mi	1.96mi LOS	256 QAM	22.1mm/hr	99.995%	16:1 per 160MHz	2.38Gbps DL x 1.07Gbps UL w/ 160MHz MU-MIMO	Gigabit / Low Latency	80-160MHz	PTMP
80 GHz 1x1 SISO	2-8 mi	1-4 mi LOS	16 ¾ QAM	22.1mm/hr	99.995%	1:1	10Gbps DL/UL	Gigabit / Low latency	500-2000MHz	PTP