



## Antenna Beam Pointing Angles base on Sub-bands

With the MBA9F-2VAA and MBA9F-2VAB, beam angle pointing will shift as we move from lower to higher frequencies.

The below chart will help to understand where the 9 individual beams are pointing based on the frequencies of interest and will help in network planning and installation. Note the antenna port label angles are based on the average angles across the full operating frequencies of this antenna.

Freq. Band	Port Pairs								
	1 & 2	3 & 4	5 & 6	7 & 8	9 & 10	11 & 12	13 & 14	15 & 16	17 & 18
<b>2300-2695 MHz</b>	40° Left	30° Left	20° Left	10° Left	0°	10° Right	20° Right	30° Right	40° Right
<b>2300-2400 MHz</b>	41° Left	30° Left	20° Left	10° Left	0°	10° Right	20° Right	30° Right	41° Right
<b>2496-2695 MHz</b>	37° Left	27° Left	18° Left	9° Left	0°	9° Right	18° Right	30° Right	37° Right