

Parameter	IEEE 802.11 a / e	IEEE 802.11 p / CALM-M5
Channel width	20 MHz	10 MHz
Date rates	6, 9, 12, 18, 24, 36, 48, 54 Mbit/s	3, 4.5, 6, 9, 12, 18, 24, 27 Mbit/s
Symbol duration	4 μ s	8 μ s
Guard time	0.8 μ s	1.6 μ s
PLCP Preamble duration	16 μ s	32 μ s
Signal Field duration	4 μ s	8 μ s
Subcarrier spacing	0.3125 MHz	0.15625 MHz
Frequency range	USA: 5.15 – 5.35 GHz & 5.725 – 5.825 GHz EU: 5.15 – 5.35 GHz & 5.47 – 5.725 GHz	USA: 5.850 – 5.925 GHz EU: 5.875 – 5.905 GHz & optionally other channels of USA band
Maximum EIRP	USA: 800 mW EU: 500 mW	30 W (emergency vehicle in USA) 2 W (normal vehicle USA & EU)
SIFS duration	16 μ s	32 μ s
Slot time	4 μ s	13 μ s
CWMin (VO, VI, BE, BK)	3, 7, 15, 15	3, 3, 7, 15 (CCH channel)
CWMax (VO, VI, BE, BK)	7, 15, 1023, 1023	7, 7, 15, 1023 (CCH channel)
AIFSN (VO, VI, BE, BK)	2, 2, 3, 7	2, 3, 6, 9 (CCH channel)
Multi-Channel operation	Not supported	US: Channel switching single radio EU: One radio CCH + one radio SCH