

DFS Expedite Request

Applicant: Xirrus

FCC ID: SK6XI-N450

Previously Granted: SK6XI-N450 in the XR4000 host (4/8 radio host system)	New device: SK6XI-N450 in the XR1000 host (2 radio host) and XR2000 (4 radio host)
Technology: 802.11abgn, 3x3 radio, supports 20 and 40 MHz bandwidths	Unchanged
Bandwidths: 20 and 40MHz	Unchanged
Antenna: Antenna structure is integral to the module	Unchanged
Differences in DFS functioning, circuitry, software:	The original module has been installed into two new host systems (XR1000 and XR2000) that can support 2 (XR1000) or 4 radio modules (XR2000). The hardware of the module has not changed. The radio module driver and radio function software has not changed. The DFS software is unchanged.
Differences between products:	Maximum output power, modulation, receiver circuitry is unchanged. The main processor of the host system was changed to a 2 core, Cavium 5020 from 4 core, Cavium 5230 (used in the XR4000). The system hosts less radios so the additional CPU processing power is not required
Original testing performed by Elliott Labs	New device tested by Elliott labs, in accordance proposal documented in FCC KDB 301059