

March 16th, 2020

Dear Application Manager

Subject: Class II permissive change – New antennas

Dear,

Please find below the description of the additional four antennas which constitute the change introduced to the radio approval reference to as FCC QOQBGM13P or IC:5123-BGM13P

The physical layout and the schematic of the module did not change. Since the change only applies to the antennas, the conducted emissions and conducted power has not changed; thus, they are not reported within this application. The new radiated emissions results are reported within this application.

			Antenna
#	Antenna type	Peak gain(dBi)	Impedance
	1/2 wave length		50
1	Dipole	2.5	
	1/4 wave length		50
2	Dipole	2	
	1/4 wave length		50
3	Dipole	2	
4	PCB Patch Antenna	4.4	50

Signed on behalf of Silicon Labs,

Jenny Gibbs Project Manager Nemko USA