

RF Exposure Compliance (Exclusion)

Concerning FCC ID: YZF-A101202

EUT is a tabled PC and due to its intended use, it is considered a “portable” device. Calculations show that the device is categorically excluded from Routine Evaluation. The limits for Routine Evaluation are shown in the table below:

Exposure category	low threshold	high threshold
general population	(60/fGHz) mW, $d < 2.5$ cm (120/fGHz) mW, $d \geq 2.5$ cm	(900/fGHz) mW, $d < 20$ cm
occupational	(375/fGHz) mW, $d < 2.5$ cm (900/fGHz) mW, $d \geq 2.5$ cm	(2250/fGHz) mW, $d < 20$ cm

The measured Peak Output Power, including the antenna gain, appears to result in emissions staying below the 60/f(GHz) limit, above which evaluation is required for the general population. Therefore, this device is deemed to comply with the exposure limits for uncontrolled use, without restrictions using the device:

802.11b mode:

Channel No.	Frequency (MHz)	Measurement (dBm)	Ant. Gain (dBi)	Total emission (mW)	Limit: 60/f(GHz) (mW)	Verdict
01	2412	11.53	1.0	17.91	24.88	PASS
06	2437	12.13	1.0	20.56	24.62	PASS
11	2462	12.65	1.0	23.17	24.37	PASS

802.11g mode:

Channel No.	Frequency (MHz)	Measurement (dBm)	Ant. Gain (dBi)	Total emission (mW)	Limit: 60/f(GHz) (mW)	Verdict
01	2412	10.98	1.0	15.78	24.88	PASS
06	2437	11.61	1.0	18.24	24.62	PASS
11	2462	11.83	1.0	19.19	24.37	PASS