

Maximum Permissible Exposure Evaluation

FCC ID: 2AQOO-360C13

1. Client Information

Applicant	:	GROUPSFIT
Addres	:	80/84 route de la Libération 77340 PONTAULT COMBAULT,France
Manufacturer	:	SEMMAX(HONGKONG)LIMITED
Address	:	Room 01,21/F,Prosper Commercial Building 9 Yin Chong Street,Kowloon,HongKong, China

2. General Description of EUT

EUT Name	:	13.3-INCH CONVERTIBLE NOTEBOOK	
Models No.	:	2AQOO-360C13,NEO360X13C4GR32	
Model Difference	:	All these models are identical in the same PCB layout and electrical circuit, the only difference is model name and color for commercial.	
Product Description	:	Operation Frequency:	Bluetooth (BLE): 2402MHz~2480MHz 802.11b/g/n(HT20): 2412MHz~2462MHz 802.11n(HT40): 2422MHz~2452MHz
		Max Output Power:	WIFI: 8.60dBm Bluetooth (BLE): 2.151dBm
		Antenna Gain:	1.87dBi FPC Antenna
Power Supply	:	AC/DC Adapter (B224-125): Input: AC 100~240V, 50/60Hz, 0.6A. Output: DC 12V, 2.0A. DC 7.6V by 4000mAh Li-ion battery.	
Software Version	:	WIN10	
Hardware Version	:	P313J-V12	
Connecting I/O Port(S)	:	Please refer to the User's Manual	

Note: More test information about the EUT please refer the RF Test Report.

SAR Test Exclusion Calculations

1. FCC: According to KDB 447498 D01 Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies v06.

(1) Clause 4.3: General SAR test reduction and exclusion guidance

Sub clause 4.31: Standalone SAR test exclusion considerations

1) The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6GHz at test separation distance ≤ 5 mm are determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation, mm})] * [\sqrt{f_{\text{GHz}}}] \leq 3.0 \text{ for 1-g SAR}$$

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation, mm})] * [\sqrt{f_{\text{GHz}}}] \leq 7.5.0 \text{ for 10-g SAR}$$

Test Result:

Mode	Frequency (GHz)	Conducted Power(max) (dBm)	Turn-up Power (dB)	Max tune up power (dBm) [P]	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
802.11b	2.412	8.60	8 ± 1	9	7.943	2.467	3.0
802.11g	2.462	7.84	7 ± 1	8	6.310	1.980	3.0
802.11n (HT20)	2.462	7.40	7 ± 1	8	6.310	1.980	3.0
802.11n (HT40)	2.452	7.10	7 ± 1	8	6.310	1.976	3.0
BLE	2.402	2.151	2 ± 1	3	1.995	0.618	3.0

Test separation: 5mm	
The worst RF Exposure Evaluation	
Worst Calculation Value	Threshold Value
2.467	3.0

The worst RF Exposure Evaluation is **2.467 / cm² < limit 3.0**, So standalone SAR measurements are not required.

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