Radio Frequency Exposure

Graupner GmbH & Co. KG

FCC ID:	**ZKZ-MX-16-20**
Product Description:	**Computer System Graupner HoTT**
Test Model No.:	**mx-16**
Supplementary No.:	**mx-20**
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Test by: **Reviewed By:**

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Standard

Systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess of the Commission's guidelines. See FCC part 15.247(i) and §1.1307(b)(1) of this chapter,According to KDB 447498 (2)(a)(i) .

EUT Specification

EUT	Computer System Graupner HoTT
Type of Modulation:	FHSS
Frequency Band:	2404 MHz ~ 2474 MHz
Number of Channels:	70
Channel Bandwidth:	1 MHz
Device category	☒ Portable (<20cm separation) ☐ Mobile (>20cm separation) ☐ Others _____
Antenna diversity	☐ Single antenna ☒ Multiple antennas ☐ Tx diversity ☐ Rx diversity ☒ Tx/Rx diversity
Antenna gain (Max)	1.8 dBi

The test result of output power:

Channel Number:	**Low(dBm)**	**Middle(dBm)**	**High(dBm)**
Output Power:	11.04	10.95	10.80

Evaluation

maximum output power (mw)	**Max Antenna Gain (dBi)**	**EIRP (mw)**	**60/f SAR Limitation (mw)**
12.7	1.8	22.87	25

Maximum measured transmitter power:
Remark：EIRP=P*G=12.7*1.8=22.87mW
Threshold at which no SAR required is 25 mw.
Maximum Tx power is 22.87 mw EIRP.
Conclusion: No SAR is required.