

Produkte
Products

RF Exposure Statement: 12606802 004		Page 1 of 1													
Client:		Mitsumi Electric Co Ltd 1601, Sakai, Atsugi-shi. Kanagawa-ken 243, Japan													
Test item:		Wireless LAN Module													
Identification:		DWM-W028													
No SAR Evaluation Required for FCC if power is below the following threshold:															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="padding: 5px;">Tunable Range</th> </tr> <tr> <th style="width: 25%; padding: 5px;">Lowest frequency [GHz]</th> <th style="width: 25%; padding: 5px;">Highest frequency [GHz]</th> <th style="width: 25%; padding: 5px;">Center of Tunable Band [GHz]</th> <th style="width: 25%; padding: 5px;">60/f SAR Limitation mW based on center of band</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 5px;">2.412</td> <td style="text-align: center; padding: 5px;">2.472</td> <td style="text-align: center; padding: 5px;">2.442</td> <td style="text-align: center; padding: 5px;">24.57</td> </tr> </tbody> </table>				Tunable Range				Lowest frequency [GHz]	Highest frequency [GHz]	Center of Tunable Band [GHz]	60/f SAR Limitation mW based on center of band	2.412	2.472	2.442	24.57
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No SAR Evaluation Required for IC if power is below the following threshold: Above 2.2 GHz and up to 3 GHz inclusively, and with output power (i.e. the higher of the conducted or radiated (e.i.r.p.) source-based, time-averaged output power) that is less than or equal to 20 mW for general public use and 100 mW for controlled use;															
Maximum measured transmitter power:															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%; padding: 5px;">Average power output, conducted [mW]</th> <th style="width: 33%; padding: 5px;">Maximum antenna gain [dBi]</th> <th style="width: 34%; padding: 5px;">Power output, EIRP [mW]</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">802.11b: 2.74 802.11g: 2.96</td> <td style="padding: 5px;">DCA-P17 ES3: -6.52dBi DCA-P17 ES4: -6.20dBi DCA-P17 CS: -6.35dBi</td> <td style="text-align: center; padding: 5px;">0.71 (Worst case)</td> </tr> </tbody> </table>				Average power output, conducted [mW]	Maximum antenna gain [dBi]	Power output, EIRP [mW]	802.11b: 2.74 802.11g: 2.96	DCA-P17 ES3: -6.52dBi DCA-P17 ES4: -6.20dBi DCA-P17 CS: -6.35dBi	0.71 (Worst case)						
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Threshold(FCC) for no SAR evaluation is 24.57mW Threshold(IC) for no SAR evaluation is 20mW for general public use															
Maximum Tx Average Power is 2.96mW (Conducted) and 0.74mW (EIRP)															
Conclusion: No SAR evaluation is required since maximum Transmitter Power output (both conducted and EIRP) is below threshold Please refer to test report 12606802 003 for more details.															
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