Marianne Bosley

To: torsten.lohoff@7layers.de
Subject: Metrak #12789 Wolfgang - FCC ID: QDJ-0208WAG01

Hello again,

Below are the results of this technical review (the same, pretty much, as for the Mozart:

1. The test report submitted for this device, the “Wolfgang”, is the same as the one submitted for the “Mozart” model. Please provide a statement attesting to the fact that they are electrically identical.
2. The measurement plots and data were not submitted. Please do so.
3. The test report contains measurements of conducted output power. The FCC now requires that, for those device for which the limits are expressed in terms of EIRP (such as the case in Part 24E), actual radiated EIRP measurements be made, using the substitution method. Please use this procedure to measure the EIRP, and submit new data, as well as a description of the test procedure.
4. In order to determine the emission designator for the EUT, the Occupied Bandwidth (99% power) of the emission must be known. As most spectrum analyzers have a function key that measures 99% power bandwidths, this method is preferred. The FCC now defines the 26dBc bandwidth (as was measured in the test report) as the “Emission Bandwidth” (EBW), which is not identical to the Occupied Bandwidth. Please measure the Occupied (99% power) Bandwidth of the EUT’s fundamental emission and submit the data plots.
5. FYI- it is normally required that the applicant specify the proposed emission designator for the EUT. In the case of a standard GSM phone, using GMSK modulation, this designator would be XXXKGXW (where XXX is the occupied bandwidth, in kHz). In the future, please specify the proposed emission designator.

Any questions, please let us know. Have a good day.

Regards,

Marianne

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