

Marianne Bosley

From: Lohoff, Torsten [Torsten.Lohoff@7layers.de]
Sent: Tuesday, September 24, 2002 11:26 AM
To: 'MBosley@metlabs.com'
Subject: AW: Metrak #12789 Wolfgang - FCC ID: QDJ-0208WAG01



measurement_plots.zip



Annex_III_occupied_bandwidth_F...



Annex_II_RF_output_power_rad_F...

Hello,

attached are the following items (related to the open items of the technical review)

1. Mozart and Wolfgang are electrically identical. I have asked our customer for a declaration which will be available hopefully tomorrow.
2. the measurement plots are attached in the file measurement_plots.zip
3. radiated measurements are included in the file annex_II.pdf (annex to our test report 4_CHI_0202_GSM_FCCa)
4. occupied bandwidth measurements are included in annex_III.pdf (annex to our test report 4_CHI_0202_GSM_FCCa)
5. we will consider this item for future applications

Please let me know if anything else is missing.
The declaration (1.) will follow as soon as it is available.

Best Regards

Torsten

-----Ursprüngliche Nachricht-----

Von: MBosley@metlabs.com [mailto:MBosley@metlabs.com]
Gesendet: Dienstag, 17. September 2002 20:16
An: Lohoff, Torsten
Betreff: 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 devices 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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