

Part 24 EMC

1) Confirmation that the term "average power" on page 7 of 54 is equivalent to the term "average power during burst" on page 4 of 6. Also, confirmation that 29.5 dBm is the maximum expected burst average power (factory target plus tolerance).

The power was measured on different devices. The first unit was measured right after being switched on. After a very short time of warming up the value is going down by 0.2 dBm. All the other units were switched on at the same time, as one can see the level is stabilized. The setting in the factory during the manufacturing process guarantees the same output for all devices, since each device is calibrated to the right level.

2) Clarification if the Blue Tooth component was active during spurious emission testing. Provide new spurious emission with BT active if not active.

The BT device was active

SAR

1) New SAR data corresponding to the following

-Body-worn with camera

The phone function in the body worn position with the camera cannot be used. It is not possible to plug in the headset at the same time. The configuration was tested in head position with the camera plugged in.

Note: it is not possible to use the camera while the phone is in active mode.

-With BT active. Per April TCB training. Please also provide new corresponding SAR data with BT inactive for comparison. Test results at highest SAR configuration for both head and body is considered sufficient.

A determination was done prior to the SAR tests, that the BT portion does not change the SAR values if switched on or not. Therefore no additional plot were added for the BT inactive / active comparison.

-With device transmitting maximum power (target power plus factory tolerance).

See explanation at #1. After a few minutes of operation the output power was max 29.3 dBm like the sample we tested.

EMC report page 4 of 6 suggests that the maximum power is greater (29.5 dBm) than that tested. Alternatively, scaling of SAR values up to .2 dB is acceptable according to Supplement C procedures.

See explanation under item#1 EMC. Scaling is not necessary since the warming up time is very short

2) Confirmation that the untested belt clip has no metal components. Provide SAR data if metal components are present.

Confirmation from Siemens that no metal part on the belt clip

3) New Summary data table. Please include "with camera" measurement results.

Also, please update the grant comment. It appears that "with camera" measurements provide a higher SAR value than stated in the comments.

Please see result table 3 and 4 of page 13 of the SAR report. One is showing results without and the other one with camera.

4) New SAR distribution plots. Please include date, and temperatures.

Result tables on Page 13 showing the temperatures during testing for the environment and the liquids.