

Nokia Corporation
Esa Hakala

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1. Please note that some of the ERP calculations on pages 8 and 9 of the part 22 report do not appear to add up according to your formula and numbers provided ("831_Exhibit06a_01.pdf"). For example, your formula states $(P_{\text{subst_tx}}[\text{dbm}] + (P_{\text{EUT}}[\text{dbm}] - P_{\text{subst_rx}}[\text{dbm}]) + G_{\text{substitute_antenna}}[\text{db}] - L_{\text{cable}}[\text{dbm}])$.

For the first calculation this would be $(10 + (-9.17 - -30.94) + -0.95 - 4.02) = 26.8\text{dbm}$ not 27.5dBm. Please check the calculations for channels 128 and 251 on pages 8 and 9 of the associated report. Please explain and or recalculate your ERP values according to the formula provided. Please note that recalculation may also affect the power listed on the SAR report and 731 provided.

We have checked calculations and uploaded amended SAR and test reports correspondingly.

2. FYI – please note that there is no rule part 22.917e. 22.917 was changed last year and has only a, b, c and d subparagraphs. The limits were also changed to $43 + 10\log P$ (-13dBm) as stated in 22.917(a). Please correct future reports to refer to the appropriate rule part subparagraphs.

Acknowledged

3. Please note that the reported ERP on page 16 of the SAR report is 30.48dBm for channel 128 and 29.63dBm for channel 251. Please note that these are the same values from the EMC report which has an apparent calculation error as stated in item 1 above. This appears then not to be a measured ERP during SAR testing but a carry over from the EMC report. Please explain and or correct as necessary (i.e. as the EMC and SAR testing do not appear to have been done at the same physical address, please verify that the SAR power level was at maximum and that no damage or other problems with the transport of the EUT occurred which might have affected

Output power was set to maximum power level for all SAR tests. The device was hand carried between EMC and SAR lab and the phone was in the same condition in EMC and SAR testing.

Sincerely,
Esa Hakala