

1. Please remove the shield (part number 40528 3) from the last photo of the PCB on page 5 of the internal photo exhibit and show the circuitry underneath. Alternately, please provide adequate justification why this shield has not been removed.

[Lid is non removable model i.e. whole shield is soldered on PWB. Revised internal photographs document lid is cutted open.](#)

2. A 12+dB loss in the cable between the signal generator and the transmit substitution antenna seems to be excessive for normal cables (i.e. these cables are usually fairly short and loss is generally around a couple dB or so). Please explain and please verify that the attenuation of the cable is as stated (i.e. length of cable etc).

[The signal generator is located in a separate room. The cabling is routed under metal floor to an outlet in the chamber, close to the substituting antenna. When measuring the substituting power with a spectrum analyzer, the signal is fed back to the separate room, where the spectrum analyzer is located. The total length of the cable during substitution power measurement is 15 – 20 meters, which explains the high attenuation value used.](#)

3. Please note that the setup diagram shown in 5.1 is blackened out and not readable. Please provide a setup diagram that is readable.

[Updated report uploaded.](#)

4. The formula in section 9 of the report states $P_{\text{emission}}(\text{dBm}) = P_{\text{substTX}}(\text{dBm}) - L_{\text{cable}}(\text{dB}) + G_{\text{antenna}}(\text{dBi})$. However, the formula shown in the tables indicate that you added the cable. As you did not provide the factors themselves but only the results, it is not possible to determine if you added or subtracted that cable factor. Please correct as necessary.

[Updated test report uploaded. The header in the table contained an error, the formula above the table is correct.](#)

5. FYI – When using formulas in calculating radiated spurious emissions, the FCC requires that a sample calculation of the formula used be provided.

[Sample calculation has been added. The test software does not automatically generate all factors in the table; they have to be picked manually from individual factor files. Because of test software, all factors have been summed together to one “correction factor”.](#)

6. Please note that the manual lists EU SAR limits. Please refer to US SAR limits for US products.

[Updated manual uploaded.](#)

7. Please note that the manual states 0.63W/kg as the measured SAR. Please note that the SAR report states 0.67w/kg. Please be consistent in documentation. Please correct the manual to be in line with the SAR report.

[Updated manual uploaded.](#)

8. Please note that the manual states 2.2cm separation distance is to maintained. Please note that the SAR report states testing was done at 1.5cm separation. Please be consistent in documentation. Please correct the manual to be in line with the SAR report.

[Updated manual uploaded.](#)