

Re: FCC ID: QLA2500MHZ
Applicant: Mala GeoScience AB (publ)
Correspondence Reference Number: 30868
731 Confirmation Number: EA639247

Answer in bold

1.) The user manual, operational description, block diagram and schematics show that the device is centered at 2.5 GHz. However, the test report and form 731 shows that the device has a center frequency of 182.0 MHz Please explain this discrepancy.

The emissions from the antenna at the specified frequency is lower compared to the emissions in the region between 100 and 250 MHz, therefore it does not agree with the center frequency (182 MHz) from the test report. By comparing the diagrams at page 16 (peak emission from the antenna and background) there can be seen that the antenna also emits in the region between 0.96 to 3 GHz.