Response to TCB Findings

1. Above 1GHz the test report shows average readings. Have peak readings been taken and compared to 20dB above average limit as required by 15.35(b)?

Peak measurements have been recorded, these show a maximum peak level of 12.1 dB above the average level.

2. Are the peak output power levels listed for 3 models on pages 18-19 of the report EIRP levels and were the units transmitting continuously during this test? Please clarify.

The results contained in the test report were conducted measurements. However radiated results were also recorded. The EIRP levels are as follows:

Watertrak Module	-30.7 dBm
Fueltrak Module	-20.2 dBm
Propanetrak Module	-25.7 dBm

3. Please specify the measurement system settings (Spectrum Analyzer) during the 20dB bandwidth, peak output power, hopping frequencies and channel occupancy tests. Namely resolution bandwidth, video bandwidth, span etc. Alternatively plots will be fine if available.

20 dB bandwidth: RBW =10 kHz, VBW = 10 kHz, Span =1 MHz

Peak output power: RBW = 300 kHz, VBW= 300 kHz, Span = 2 MHz

Hopping Frequencies RBW = 100 kHz, VBW=100 kHz, Span = 5 MHz (test performed in multiple spans to preserve display resolution)

Channel Occupancy: RBW= 1MHz, VBW= 1 MHz, Span = 0 Hz

For all tests the REF level/Attenuation was setup to provide maximum dynamic range without overload.

4. Please confirm fresh set of batteries were used for all the testing.

Fresh batteries were fitted for all the testing.

5. Is the operational description supplied for Fuel Trak representative of other models as well or do they have more specific descriptions? Please clarify.

Yes, the operational description supplied for the Fuel Trak is representative of the Water and Propane Trak modules.