5 TEST CONDITIONS AND RESULTS

5.1 Radiated emission of the fundamental wave

For test instruments and accessories used see section 6 Part **CPR 3**.

5.1.1 Description of the test location

Test location: Anechoic chamber 2
Test distance: 3 m

5.1.2 Photo documentation of the test set-up

5.1.1 Applicable standard

According to FCC Part 15C, Section 15.249(a):
The field strength of emissions from intentional radiators operated within these frequency bands shall comply with the effective limits.

5.1.2 Description of Measurement

The radiated emission of the fundamental wave from the EUT is measured using a spectrum analyser and appropriate linear polarized antennas. The set up of the EUT and the measurement procedure is in accordance to ANSI C63.4, Item 8.3. The EUT is measured in TX continuous mode unmodulated under normal conditions.

Analyser settings:

Peak measurement:	RBW:	1 MHz	VBW:	3 MHz	Detector:	Max peak
AV measurement:	RBW:	1 MHz	VBW:	10 Hz	Detector:	Max peak

5.2 Spurious emissions radiated

For test instruments and accessories used see section 6 Part **SER1, SER 2, SER 3**.

5.2.1 Description of the test location

Test location: OATS 1
Test location: Anechoic chamber 2

Test distance: 3 m

5.2.2 Photo documentation of the test set-up

Test setup 9 kHz – 30 MHz:

Test setup 30 MHz – 1000 MHz:

Test setup 1 GHz – 18 GHz:

5.3 Correction for pulse operation (duty cycle)

For test instruments and accessories used see section 6 Part **CPR3**.

5.3.1 Description of the test location

Test location: Anechoic chamber 2

5.3.2 Photo documentation of the test set-up

5.3.3 Applicable standard

According to FCC Part 15A, Section 15.35(c):
When the radiated emission limits are expressed in terms of average value and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete puls train, including blanking intervals, as long as the pulse train does not exceed 0.1s. In cases where the puls train exceeds 0.1s, the measured field strength shall be determined from the average absolute voltage during a 0.1s interval during which the field strength is at its maximum. The exact method of calculating the average field strength shall be submitted.