

FCC ID: KR5 5WK45144

5.2 Radiated power of the fundamental wave

For test instruments and accessories used see section 6 Part **CPR 2**.

5.2.1 Description of the test location

Test location: OATS1

Test distance: 3 metres

5.2.2 Photo documentation of the test set-up



FCC ID: KR5 5WK45144

5.3 Radiated emissions (electric field) 30 MHz – 18 GHz

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

5.3.1 Description of the test location

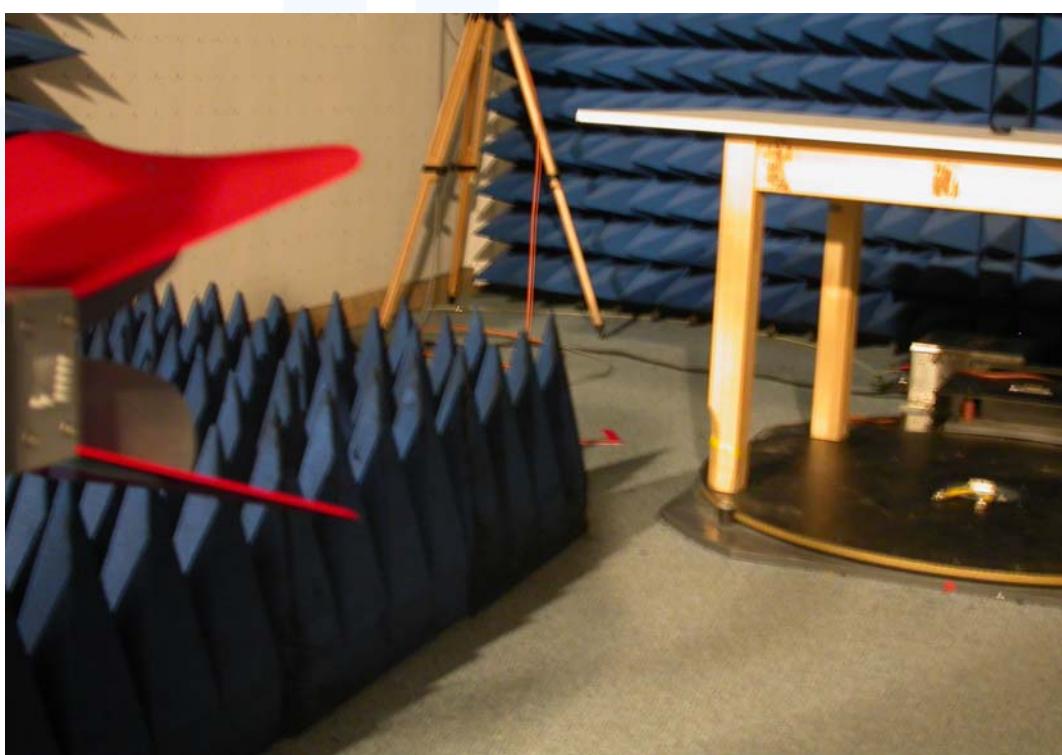
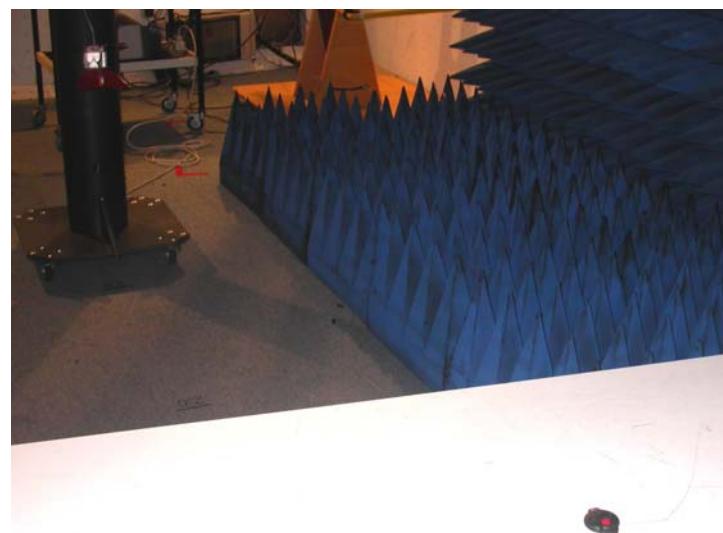
Test location: OATS1
Test location: Anechoic Chamber A2

Test distance: 3 metres

5.3.2 Photo documentation of the test set-up



FCC ID: KR5 5WK45144



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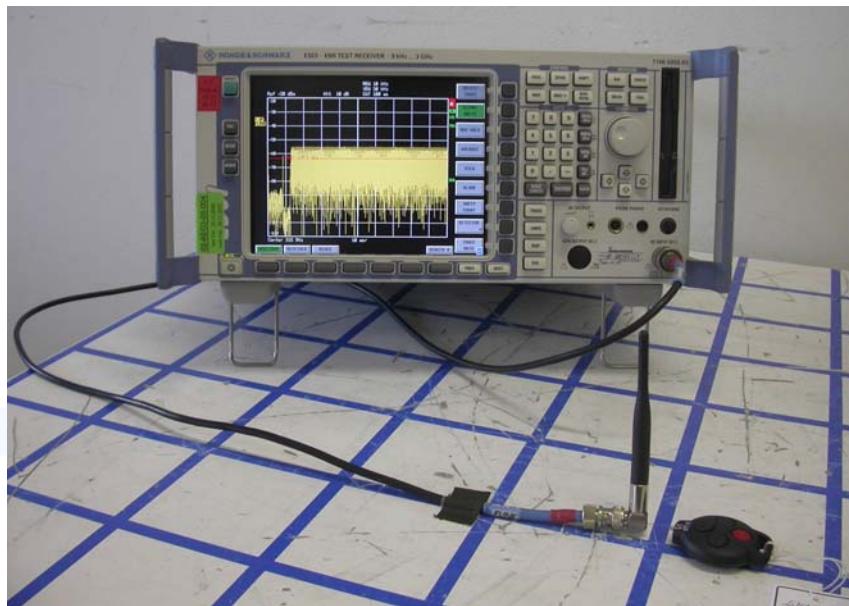
5.4 Correction for Pulse Operation (Duty Cycle)

For test instruments and accessories used see section 6 Part DC.

5.4.1 Description of the test location

Test location: AREA4

5.4.2 Photo documentation of the test set-up



5.4.3 Description of Measurement

The Duty cycle factor, expressed in dB, is arrived by taking the following formula:

$$KE = 20 \log [(t_{IB} * p) / T_w]$$

KE: pulse operation correction factor [dB]
t_w: pulse duration for one complete pulse track [msec]
t_{IB}: pulse duration for one pulse [μ sec]
T_w: a period of the pulse track [msec]
p: number of pulses in one train

FCC ID: KR5 5WK45144

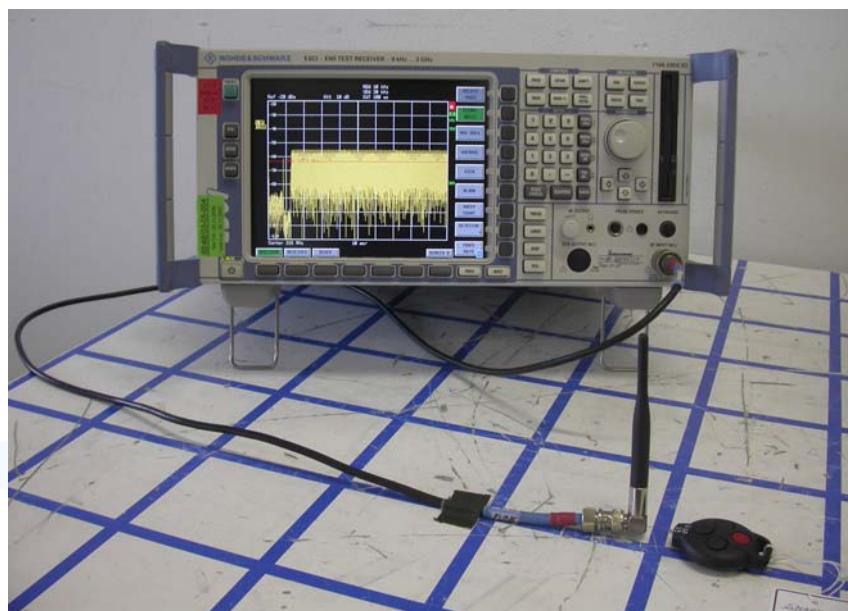
5.5 Emission Bandwidth

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

5.5.1 Description of the test location

Test location: AREA4

5.5.2 Photo documentation of the test set-up



5.5.3 Test result

Fundamental [MHz]	20dB Bandwidth F1	20dB Bandwidth F2	Measured Bandwidth	LIMIT Fundamental f*0,0025
314.9733	314.9594	314.9866	0.027	0.787

Limit according to FCC Part 15 Subpart 15.231(c):

The bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating above 70 MHz and below 900 MHz. Bandwidth is determined at the points 20 dB down from the modulated carrier.

The requirements are **FULFILLED**.

Remarks: For detailed results, please see the test protocol below.

FCC ID: KR5 5WK45144

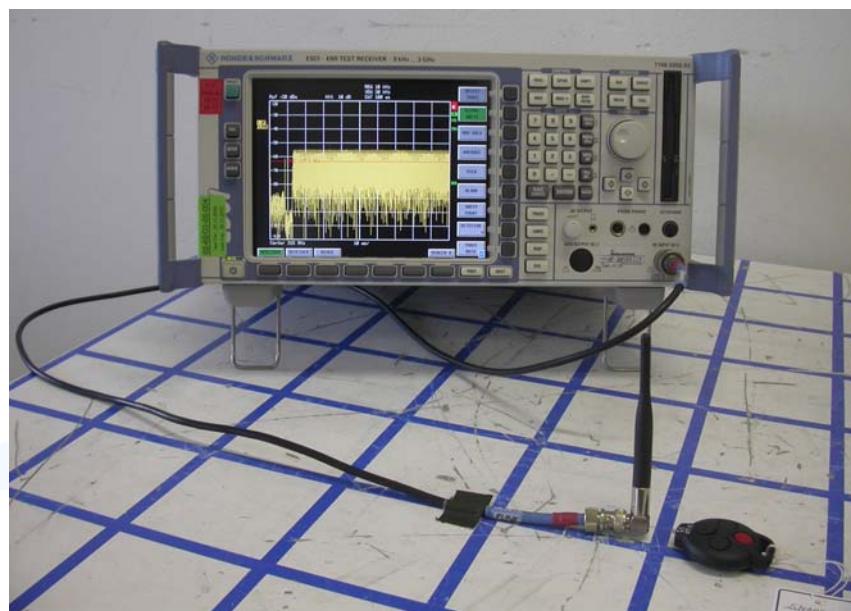
5.6 Signal deactivation

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

5.6.1 Description of the test location

Test location: AREA4

5.6.2 Photo documentation of the test set-up



5.6.3 Test result

The duration of the transmission is 516.60 milliseconds each time the button is pushed which meets the requirement of ceasing transmission within 5 seconds of the button being released.

Limit according to FCC Part 15 Subpart 15.231(a):

A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released and a transmitter activated automatically shall cease transmission within 5 seconds after activation.

The requirements are **FULFILLED**.

Remarks: For detailed test results, please see the test protocol below.