



Engineering and Testing for EMC and Safety Compliance

Test Configuration Photograph Report

VEGA Grieshaber KG

**Models: VEGAPULS 65
VEGAPULS 66**

FCC ID: O6QPS60XC1

Report No: 2009282-6566TP

August 28, 2010

Table of Contents

1. Conducted Emissions	3
Photograph 1: Conducted Emissions EUT View A	3
Photograph 2: Conducted Emissions EUT View B	4
2. Radiated Emissions	5
2.1 Radiated Emissions - EUT in Metal Tank	5
Photograph 3: 10" Horn Antenna Front View	5
Photograph 4: 10" Horn Antenna Rear View	6
Photograph 5: 4" Horn Antenna Front View	7
Photograph 6: 4" Horn Antenna Rear View	8
Photograph 7: 250mm Rod Antenna Front View	9
Photograph 8: 250mm Rod Antenna Rear View	10
Photograph 9: 50mm Rod Antenna Front View	11
Photograph 10: 50mm Rod Antenna Rear View	12
2.2 Radiated Emissions - EUT in Concrete Tank	13
Photograph 11: 10" Horn Antenna Front View Concrete Tank	13
Photograph 12: 10" Horn Antenna Rear View Concrete Tank	14
Photograph 13: 4" Horn Antenna Front View Concrete Tank	15
Photograph 14: 4" Horn Antenna Rear View Concrete Tank	16
Photograph 15: 250mm Rod Antenna Front View Concrete Tank	17
Photograph 16: 250mm Rod Antenna Rear View Concrete Tank	18
Photograph 17: 50mm Rod Antenna Front View Concrete Tank	19
Photograph 18: 50mm Rod Antenna Rear View Concrete Tank	20
2.3 Radiated Emissions - EUT in Reinforced Fiberglass Tank	21
Photograph 19: 10" Horn Antenna Front View Fiberglass Tank	21
Photograph 20: 10" Rod Antenna Rear View Fiberglass Tank	22
Photograph 21: 4" Horn Antenna Front View Fiberglass Tank	23
Photograph 22: 4" Horn Antenna Rear View Fiberglass Tank	24
Photograph 23: 250mm Rod Horn Antenna Front View Fiberglass Tank	25
Photograph 24: 250mm Rod Antenna Rear View Fiberglass Tank	26
Photograph 25: 50mm Rod Antenna Front View Fiberglass Tank	27
Photograph 26: 50mm Rod Antenna Rear View Fiberglass Tank	28

1. Conducted Emissions



Photograph 1: Conducted Emissions EUT View A



Photograph 2: Conducted Emissions EUT View B

2. Radiated Emissions

2.1 Radiated Emissions - EUT in Metal Tank



Photograph 3: 10" Horn Antenna Front View



Photograph 4: 10" Horn Antenna Rear View



Photograph 5: 4" Horn Antenna Front View



Photograph 6: 4" Horn Antenna Rear View



Photograph 7: 250mm Rod Antenna Front View



Photograph 8: 250mm Rod Antenna Rear View



Photograph 9: 50mm Rod Antenna Front View



Photograph 10: 50mm Rod Antenna Rear View

2.2 Radiated Emissions - EUT in Concrete Tank



Photograph 11: 10" Horn Antenna Front View Concrete Tank



Photograph 12: 10" Horn Antenna Rear View Concrete Tank



Photograph 13: 4" Horn Antenna Front View Concrete Tank



Photograph 14: 4" Horn Antenna Rear View Concrete Tank



Photograph 15: 250mm Rod Antenna Front View Concrete Tank



Photograph 16: 250mm Rod Antenna Rear View Concrete Tank



Photograph 17: 50mm Rod Antenna Front View Concrete Tank



Photograph 18: 50mm Rod Antenna Rear View Concrete Tank

2.3 Radiated Emissions - EUT in Reinforced Fiberglass Tank



Photograph 19: 10" Horn Antenna Front View Fiberglass Tank



Photograph 20: 10" Rod Antenna Rear View Fiberglass Tank



Photograph 21: 4" Horn Antenna Front View Fiberglass Tank



Photograph 22: 4" Horn Antenna Rear View Fiberglass Tank



Photograph 23: 250mm Rod Horn Antenna Front View Fiberglass Tank



Photograph 24: 250mm Rod Antenna Rear View Fiberglass Tank



Photograph 25: 50mm Rod Antenna Front View Fiberglass Tank



Photograph 26: 50mm Rod Antenna Rear View Fiberglass Tank