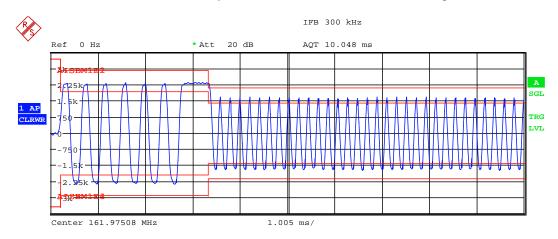


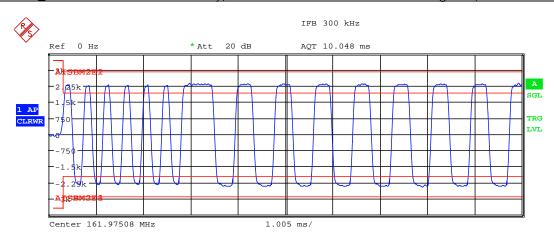
# Modulation accuracy under extreme conditions

High Temperature (T = 55 °C)

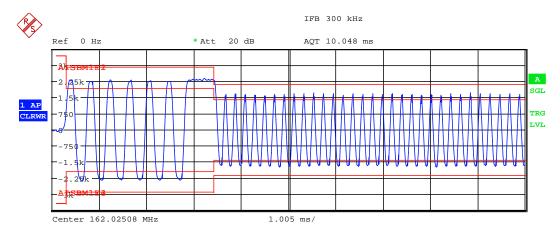
### 142199\_113.wmf: Modulation accuracy, transmit on 161.975 MHz with test signal 1; U = 9.2 V DC:



### 142199\_118.wmf: Modulation accuracy, transmit on 161.975 MHz with test signal 2; U = 9.2 V DC:



### 142199 114.wmf: Modulation accuracy, transmit on 162.025 MHz with test signal 1; U = 9.2 V DC:

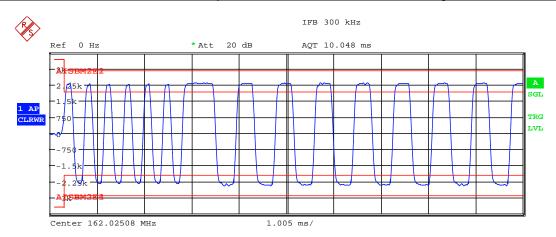


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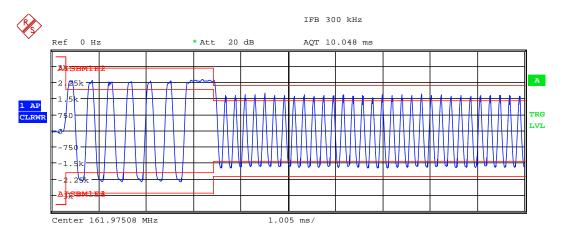
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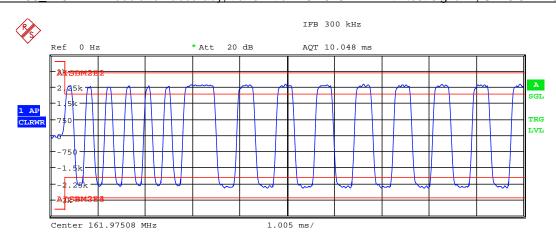
### 142199\_117.wmf: Modulation accuracy, transmit on 162.025 MHz with test signal 2; U = 9.2 V DC:



### 142199\_120.wmf: Modulation accuracy, transmit on 161.975 MHz with test signal 1; U = 5.0 V DC:



### 142199\_119.wmf: Modulation accuracy, transmit on 161.975 MHz with test signal 2; U = 5.0 V DC:



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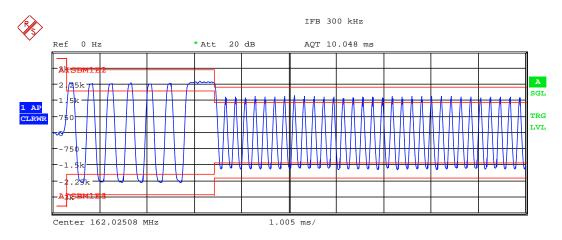
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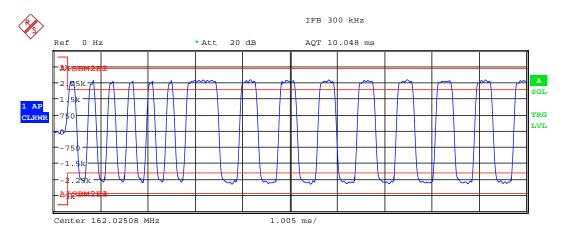
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### Annex B Measurement results

### 142199\_115.wmf: Modulation accuracy, transmit on 162.025 MHz with test signal 1; U = 5.0 V DC:

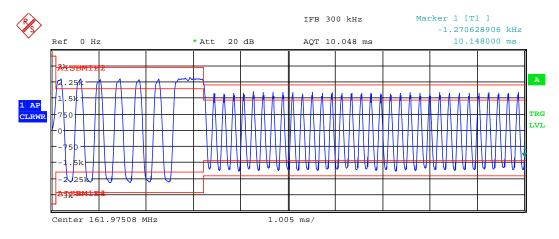


#### 142199\_116.wmf: Modulation accuracy, transmit on 162.025 MHz with test signal 2; U = 5.0 V DC:



#### Low Temperature (-20 °C)

## 142199\_121.wmf: Modulation accuracy, transmit on 161.975 MHz with test signal 1; U = 9.2 V DC:

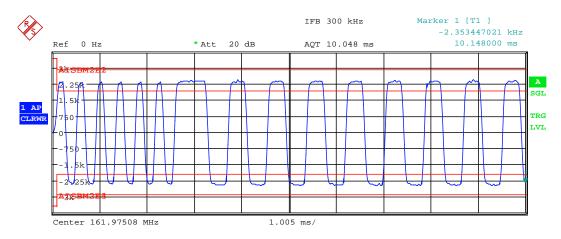


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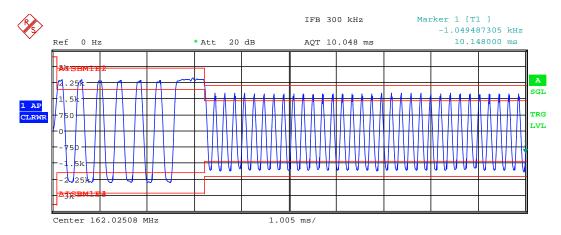
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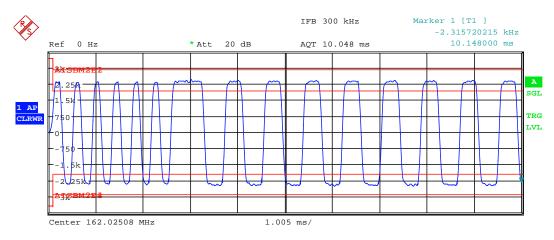
### 142199\_125.wmf: Modulation accuracy, transmit on 161.975 MHz with test signal 2; U = 9.2 V DC:



#### 142199\_124.wmf: Modulation accuracy, transmit on 162.025 MHz with test signal 1; U = 9.2 V DC:



### 142199\_128.wmf: Modulation accuracy, transmit on 162.025 MHz with test signal 2; U = 9.2 V DC:

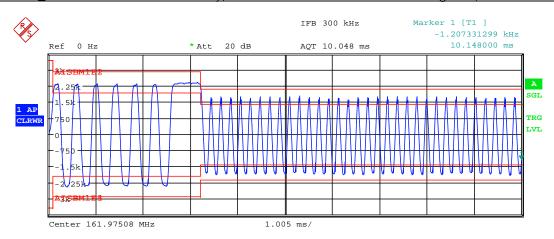


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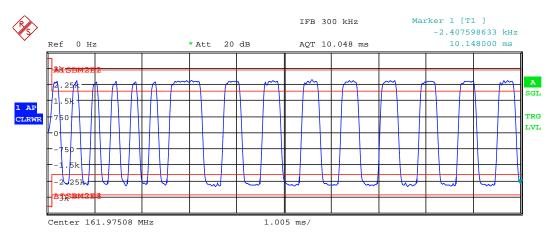
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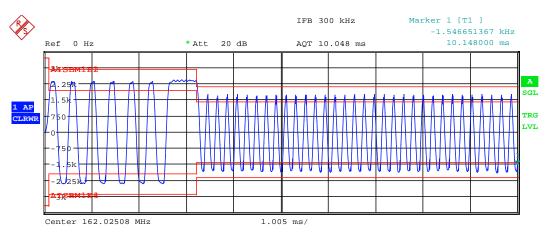
### 142199\_122.wmf: Modulation accuracy, transmit on 161.975 MHz with test signal 1; U = 5.0 V DC:



### 142199\_126.wmf: Modulation accuracy, transmit on 161.975 MHz with test signal 2; U = 5.0 V DC:



## 142199\_123.wmf: Modulation accuracy, transmit on 162.025 MHz with test signal 1; U = 5.0 V DC:

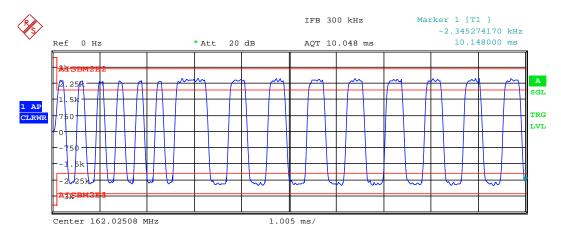


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### 142199\_127.wmf: Modulation accuracy, transmit on 162.025 MHz with test signal 2; U = 5.0 V DC:



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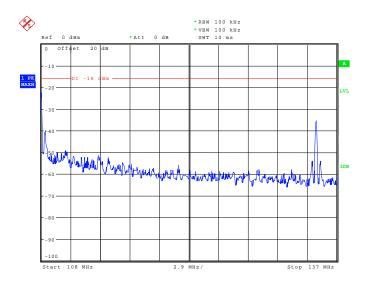
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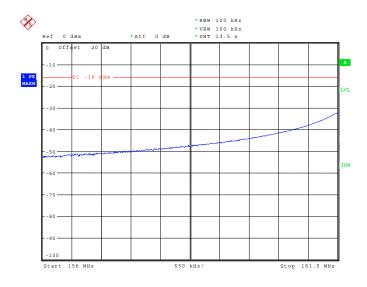
# Spurious emissions (cabinet radiation):

Transmitter operates on 161.975 MHz

### 142199\_129.wmf: Spurious emissions from 108 MHz to 137 MHz (carrier notched):



### 142199\_130.wmf: Spurious emissions from 156 MHz to 161.5 MHz (carrier notched):

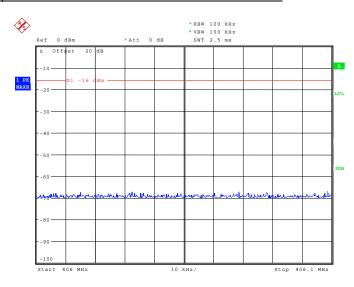


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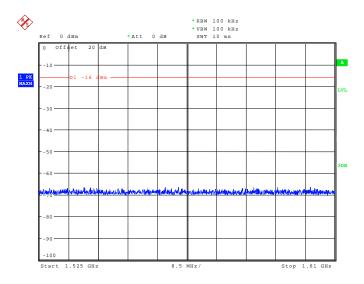
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### 142199\_131.wmf: Spurious emissions from 406 MHz to 406.1 MHz:



## 142199\_135.wmf: Spurious emissions from 1525 MHz to 1610 MHz:



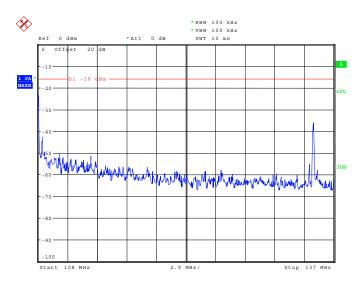
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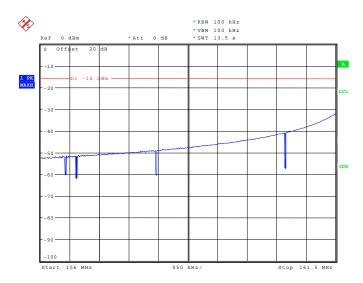


### Transmitter operates on 161.975 MHz

### 142199 132.wmf: Spurious emissions from 108 MHz to 137 MHz (carrier notched):



### 142199 133.wmf: Spurious emissions from 156 MHz to 161.5 MHz (carrier notched):

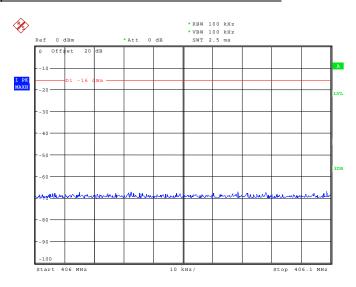


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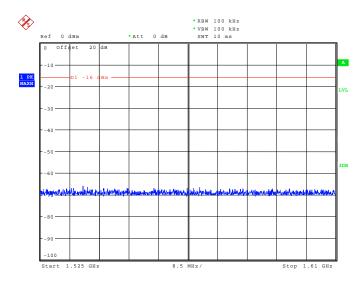
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### 142199\_136.wmf: Spurious emissions from 406 MHz to 406.1 MHz:



## 142199\_134.wmf: Spurious emissions from 1525 MHz to 1610 MHz:



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