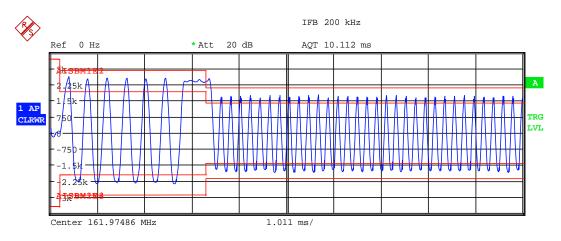


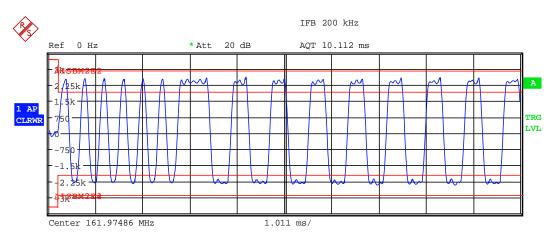
# Modulation accuracy under extreme conditions

High Temperature (T = 55 °C)

## 153662\_13.wmf: Modulation accuracy, transmit on 161.975 MHz with test signal 1; U = 3.3 V DC:



## 153662\_18.wmf: Modulation accuracy, transmit on 161.975 MHz with test signal 2; U = 3.3 V DC:



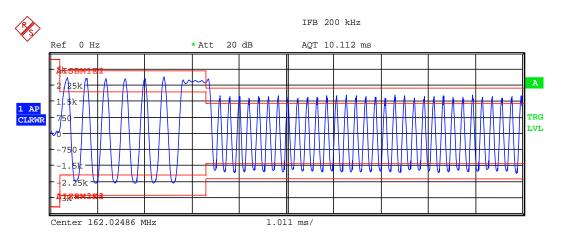
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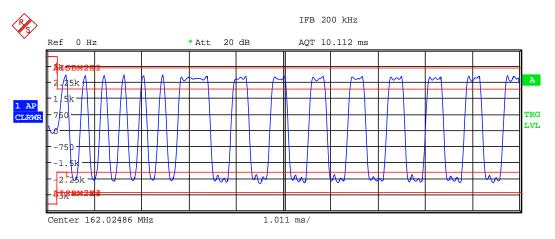
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## 153662\_14.wmf: Modulation accuracy, transmit on 162.025 MHz with test signal 1; U = 3.3 V DC:



# 153662\_17.wmf: Modulation accuracy, transmit on 162.025 MHz with test signal 2; U = 3.3 V DC:



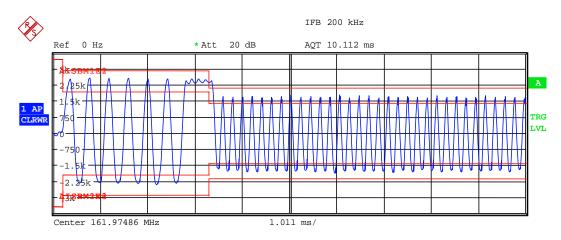
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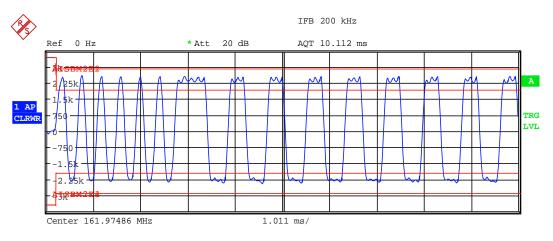
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## 153662\_20.wmf: Modulation accuracy, transmit on 161.975 MHz with test signal 1; U = 2.5 V DC:



# 153662\_19.wmf: Modulation accuracy, transmit on 161.975 MHz with test signal 2; U = 2.5 V DC:



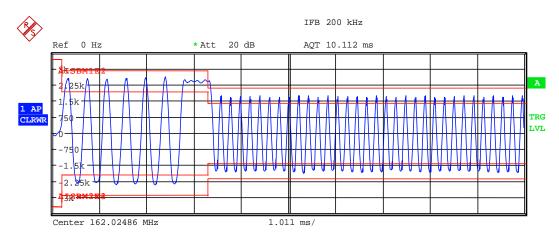
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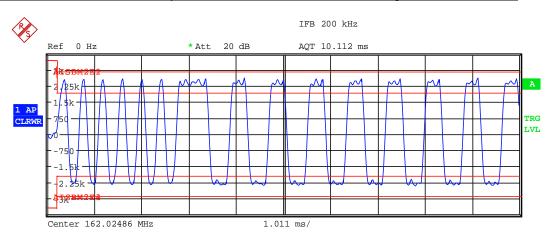
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## 153662\_15.wmf: Modulation accuracy, transmit on 162.025 MHz with test signal 1; U = 2.5 V DC:



### 153662\_16.wmf: Modulation accuracy, transmit on 162.025 MHz with test signal 2; U = 2.5 V DC:



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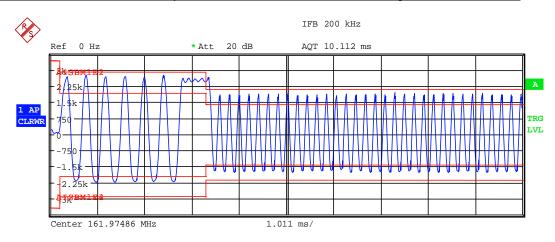
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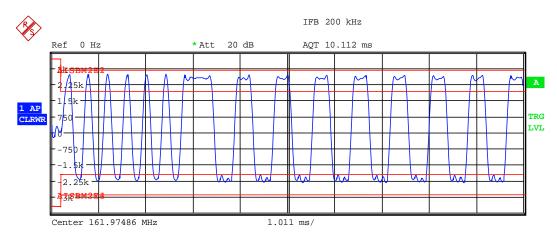


## Low Temperature (-20 °C)

### 153662\_21.wmf: Modulation accuracy, transmit on 161.975 MHz with test signal 1; U = 3.3 V DC:



### 153662\_25.wmf: Modulation accuracy, transmit on 161.975 MHz with test signal 2; U = 3.3 V DC:



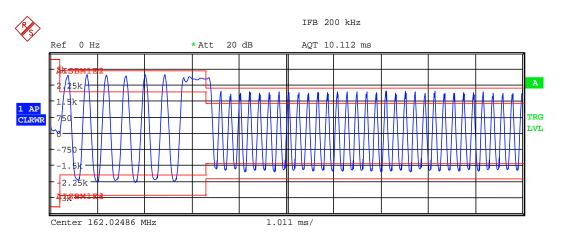
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## 153662\_24.wmf: Modulation accuracy, transmit on 162.025 MHz with test signal 1; U = 3.3 V DC:



# 153662\_28.wmf: Modulation accuracy, transmit on 162.025 MHz with test signal 2; U = 3.3 V DC:



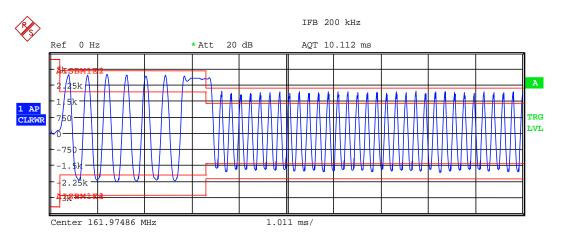
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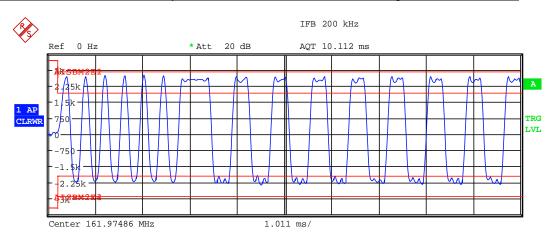
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## 153662\_22.wmf: Modulation accuracy, transmit on 161.975 MHz with test signal 1; U = 2.5 V DC:



### 153662\_26.wmf: Modulation accuracy, transmit on 161.975 MHz with test signal 2; U = 2.5 V DC:



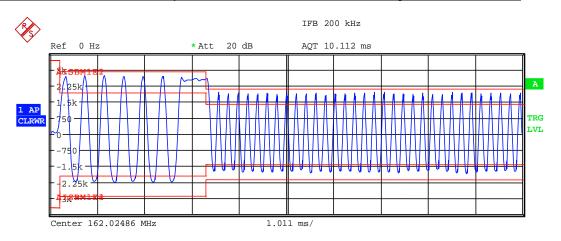
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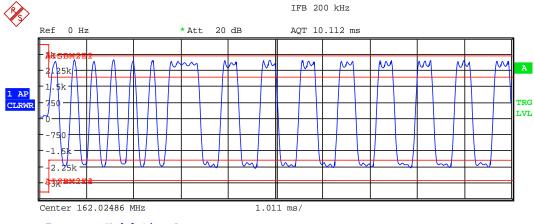
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## 153662\_23.wmf: Modulation accuracy, transmit on 162.025 MHz with test signal 1; U = 2.5 V DC:



### 153662\_27.wmf: Modulation accuracy, transmit on 162.025 MHz with test signal 2; U = 2.5 V DC:



Frequency Modulation Summary

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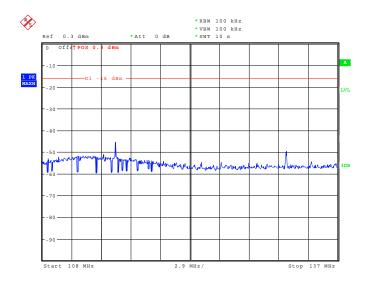
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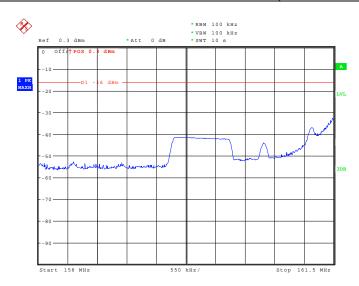
## Spurious emissions from the transmitter:

Transmitter operates on 161.975 MHz

## 153662\_35.wmf: Spurious emissions from 108 MHz to 137 MHz (carrier notched):



### 153662\_36.wmf: Spurious emissions from 156 MHz to 161.5 MHz (carrier notched):



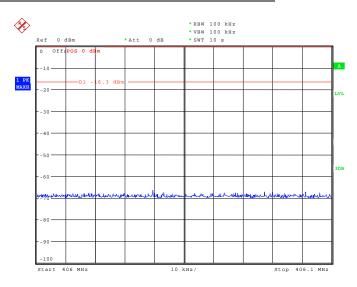
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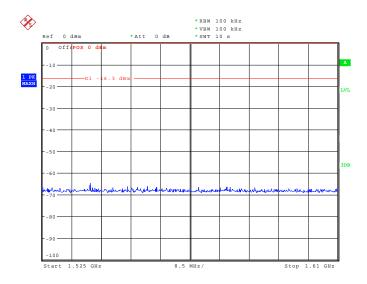
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## 153662\_34.wmf: Spurious emissions from 406 MHz to 406.1 MHz:



### 153662\_33.wmf: Spurious emissions from 1525 MHz to 1610 MHz:



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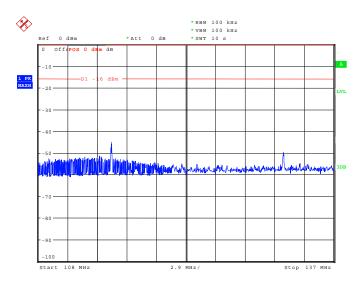
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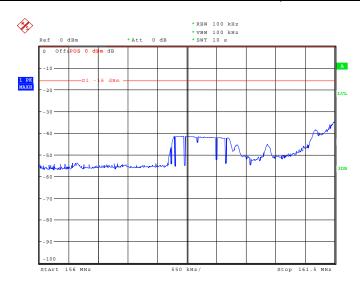


### Transmitter operates on 162.025 MHz

### 153662 29.wmf: Spurious emissions from 108 MHz to 137 MHz (carrier notched):



### 153662 30.wmf: Spurious emissions from 156 MHz to 161.5 MHz (carrier notched):



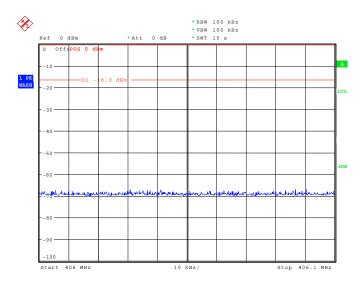
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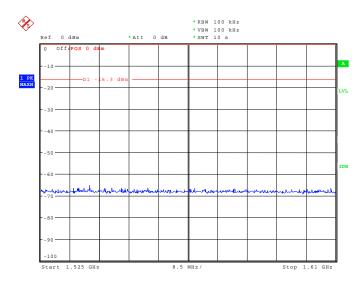
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## 153662\_31.wmf: Spurious emissions from 406 MHz to 406.1 MHz:



### 153662\_32.wmf: Spurious emissions from 1525 MHz to 1610 MHz:



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