

**Annex acc. to FCC Title 47 CFR Part 15
relating to
Würth Elektronik eiSoos GmbH Co. KG
2609041191000 Themisto-I**

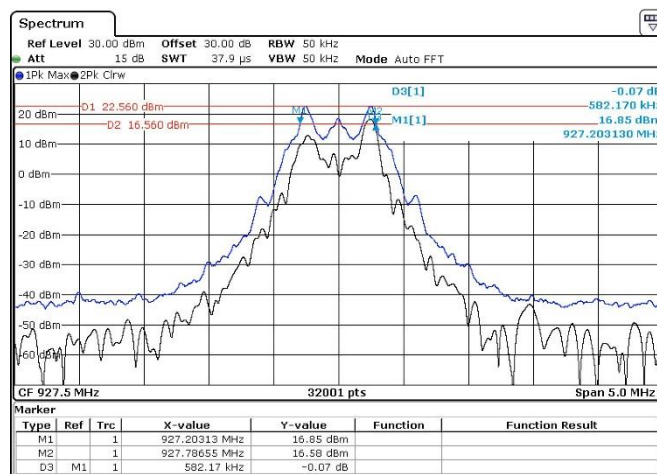
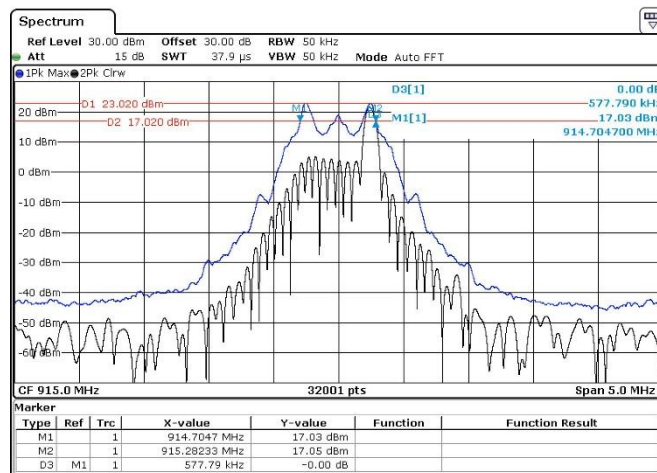
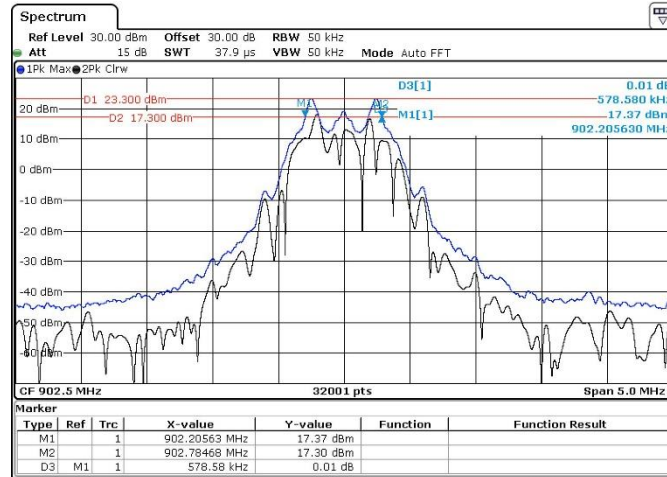
Annex no. 3 Measurement Plots

**Title 47 - Telecommunication
Part 15 - Radio Frequency Devices
Subpart C – Intentional Radiators
ANSI C63.4-2014
ANSI C63.10-2013**

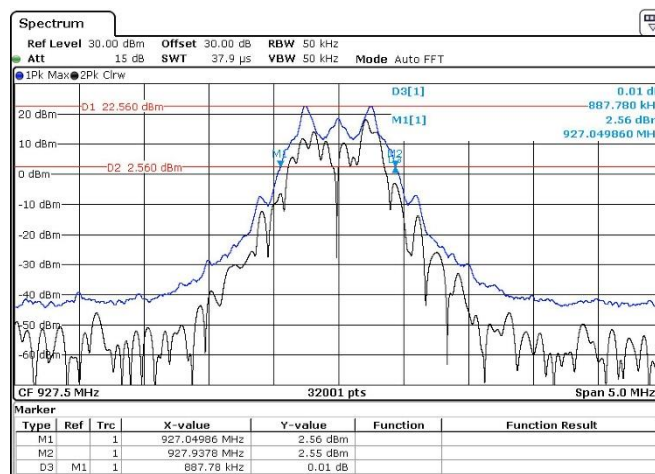
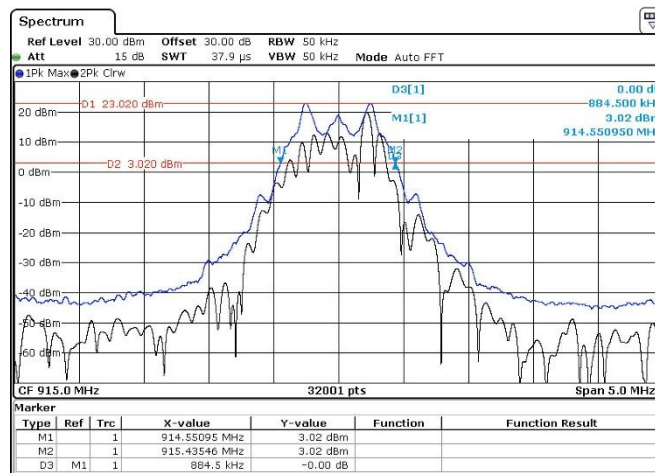
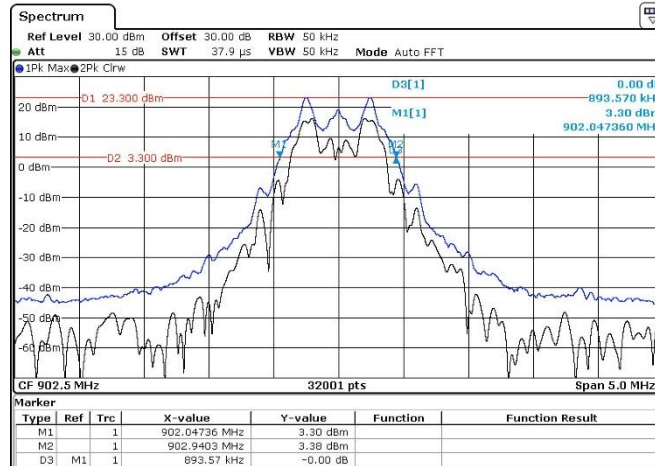


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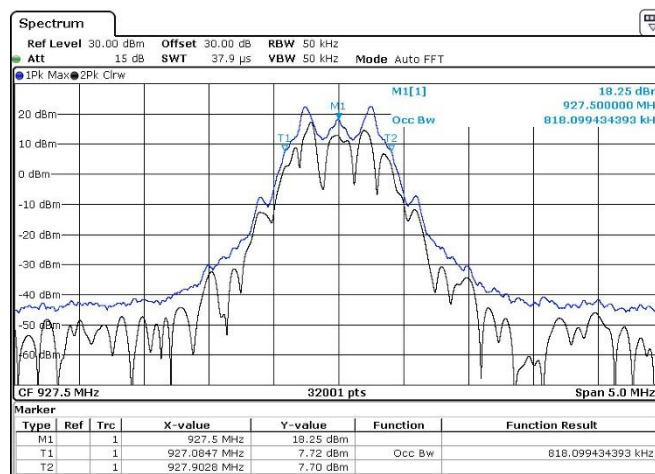
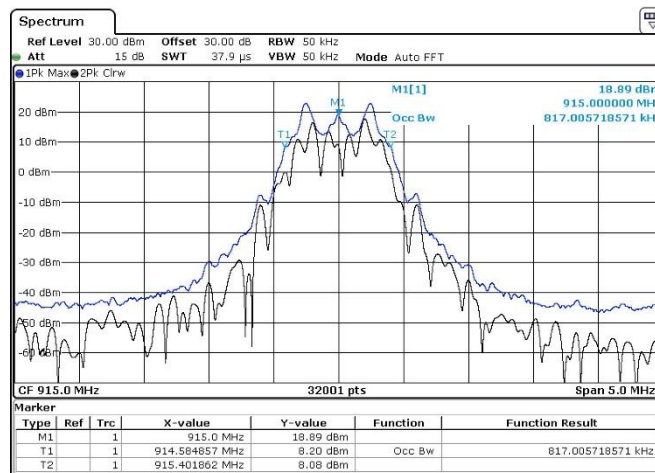
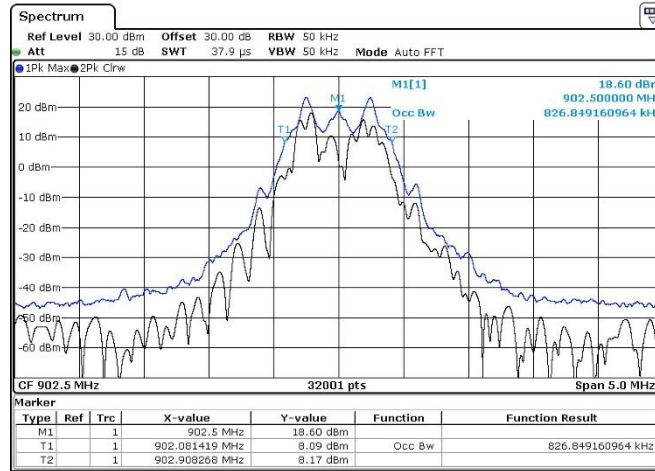
Plots for the test equipment (EUT) – Measured 6 dB Bandwidth (Profile 6)



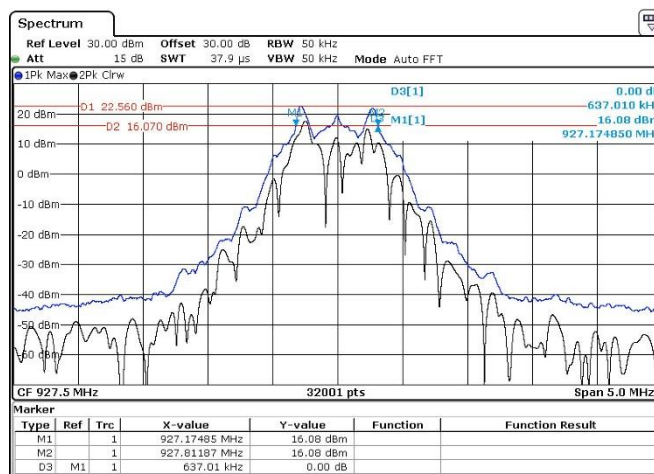
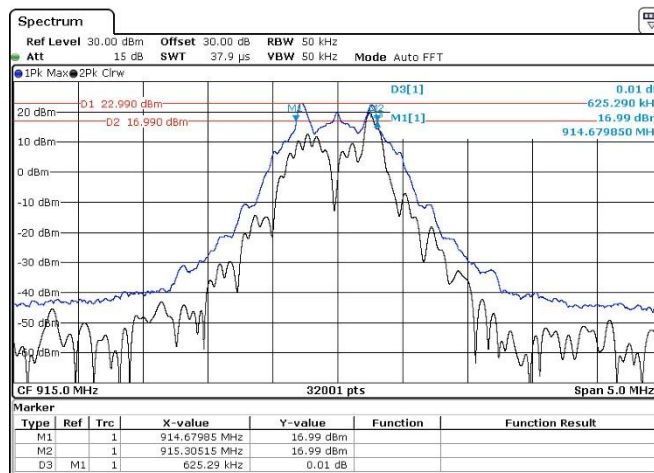
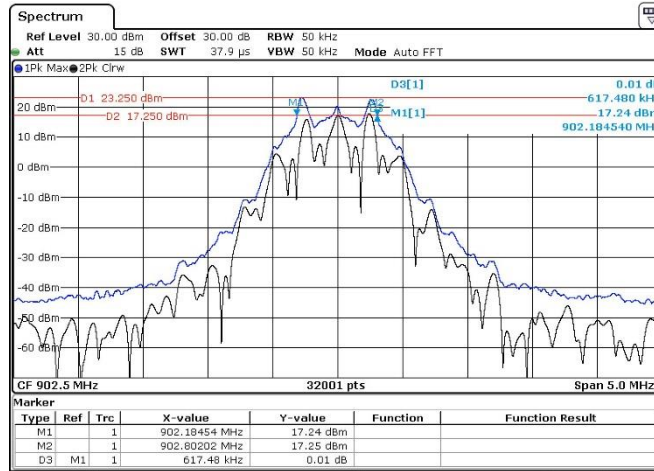
Plots for the test equipment (EUT) – Measured 20 dB Bandwidth (Profile 6)



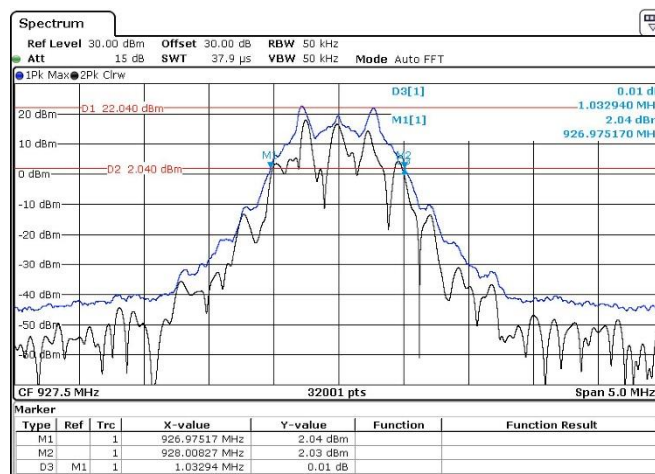
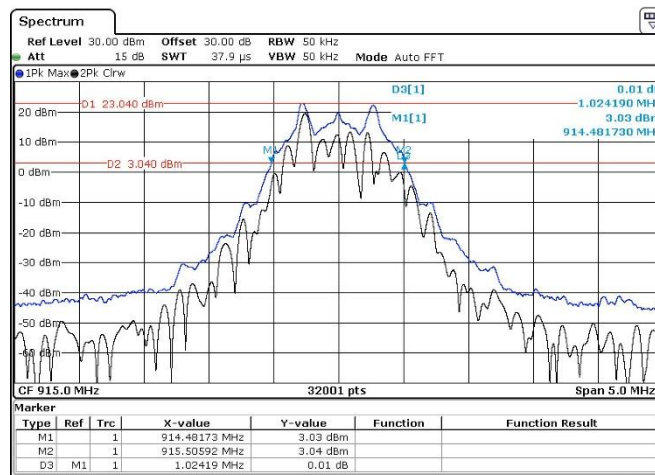
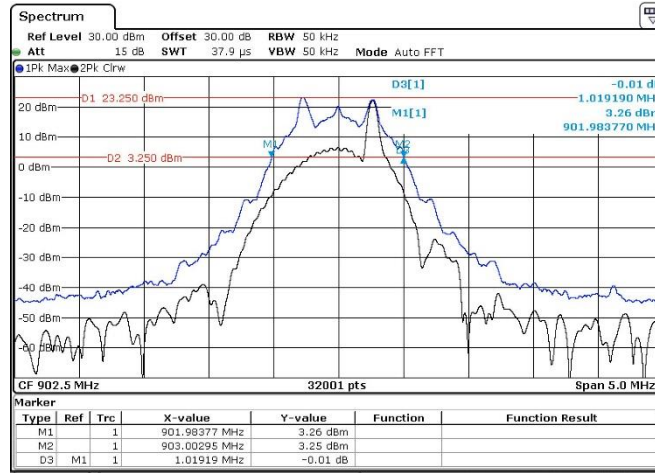
Plots for the test equipment (EUT) – Measured 99 % Bandwidth (Profile 6)



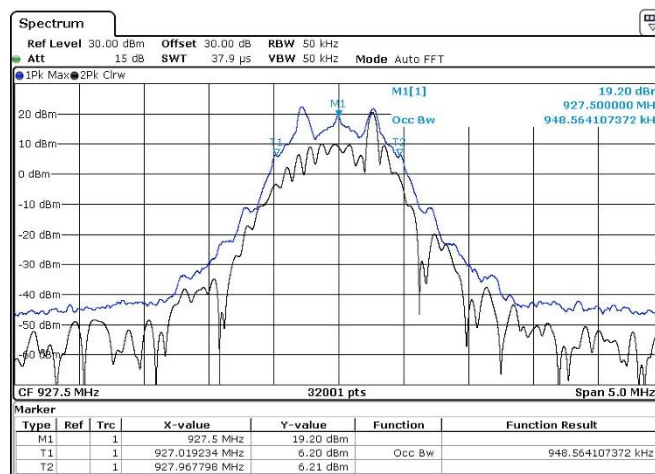
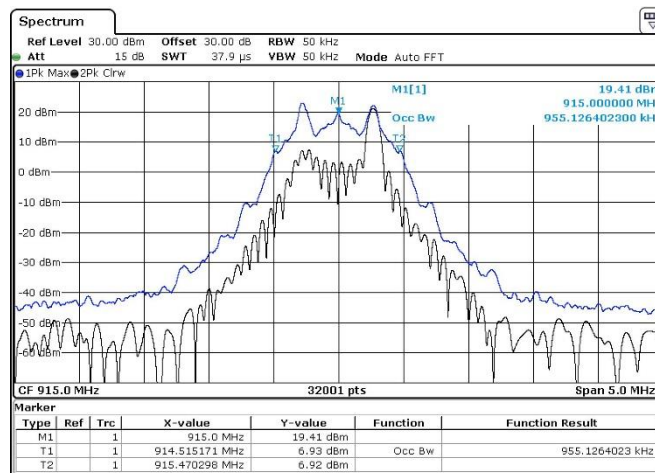
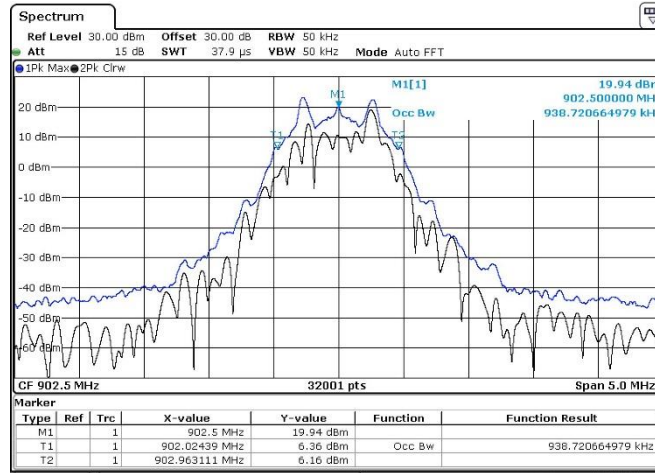
Plots for the test equipment (EUT) – Measured 6 dB Bandwidth (Profile 8)



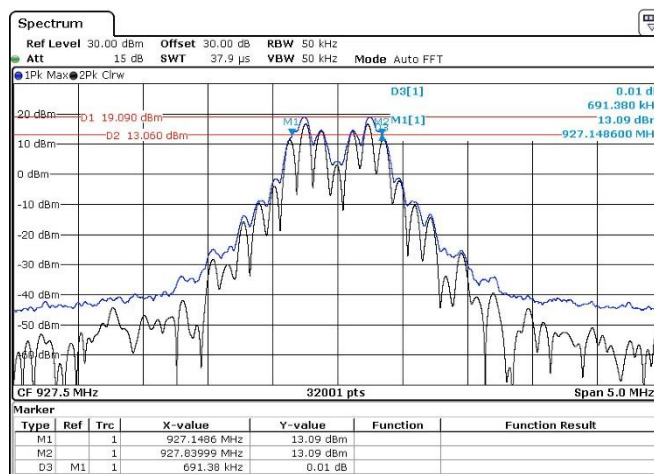
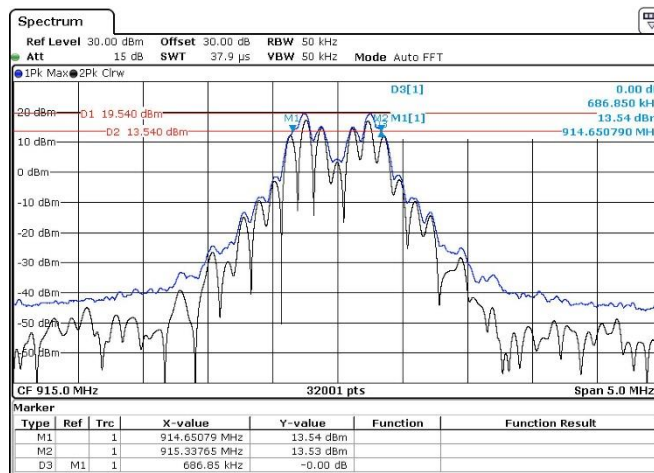
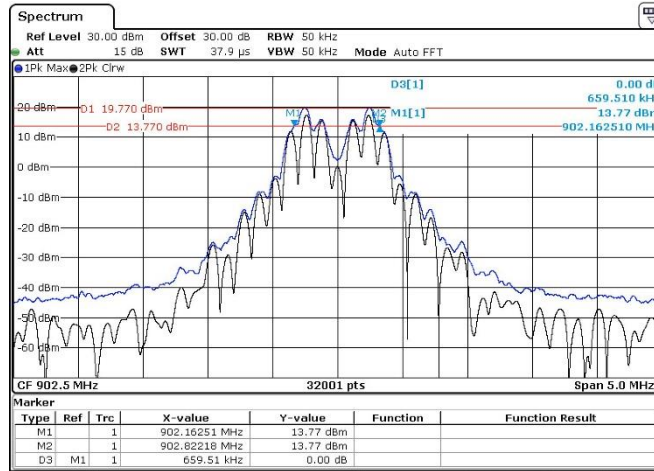
Plots for the test equipment (EUT) – Measured 20 dB Bandwidth (Profile 8)



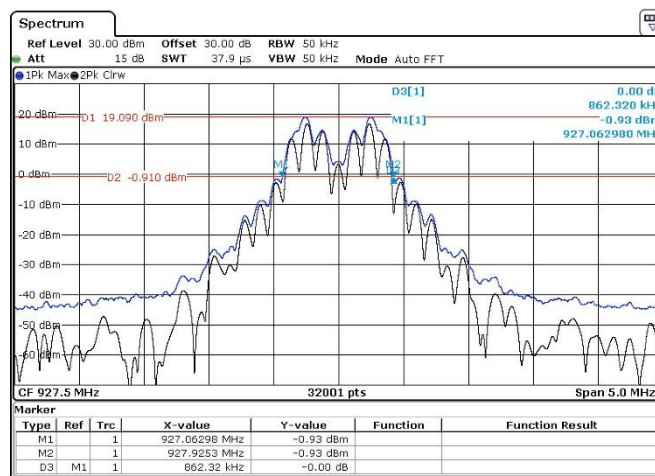
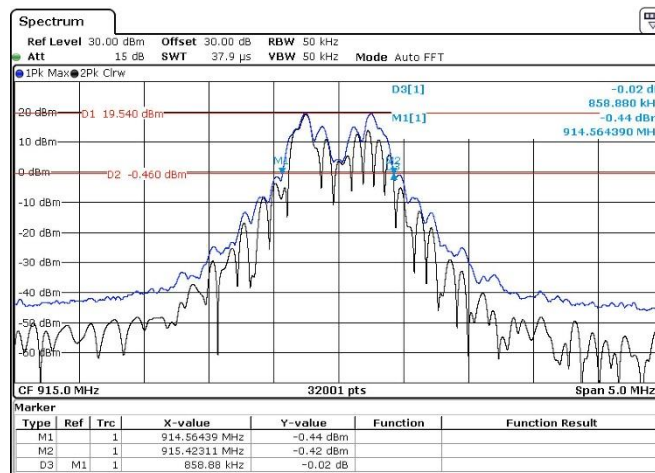
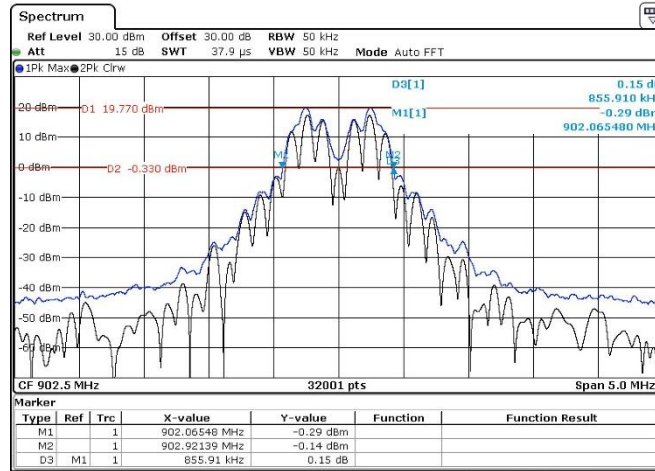
Plots for the test equipment (EUT) – Measured 99 % Bandwidth (Profile 8)



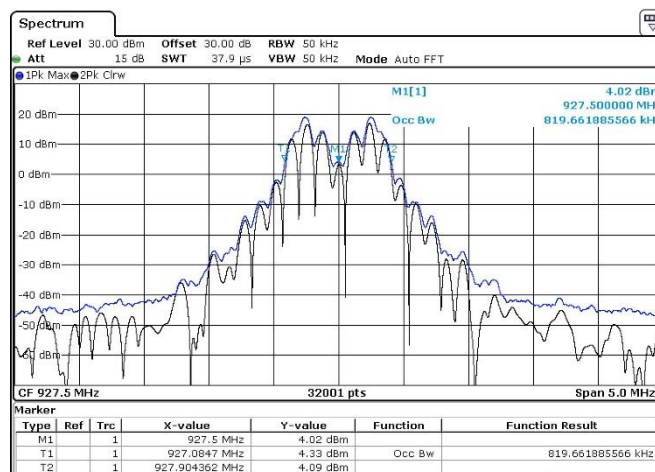
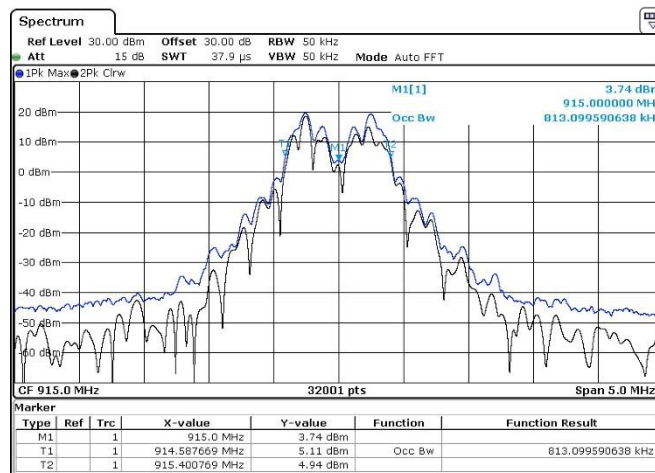
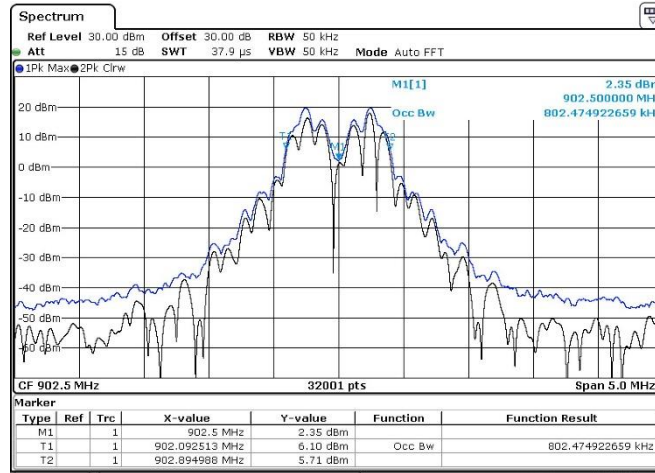
Plots for the test equipment (EUT) – Measured 6 dB Bandwidth (Profile 9)



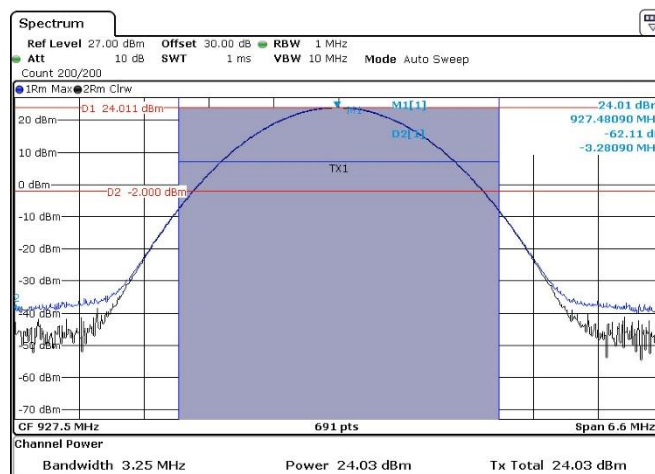
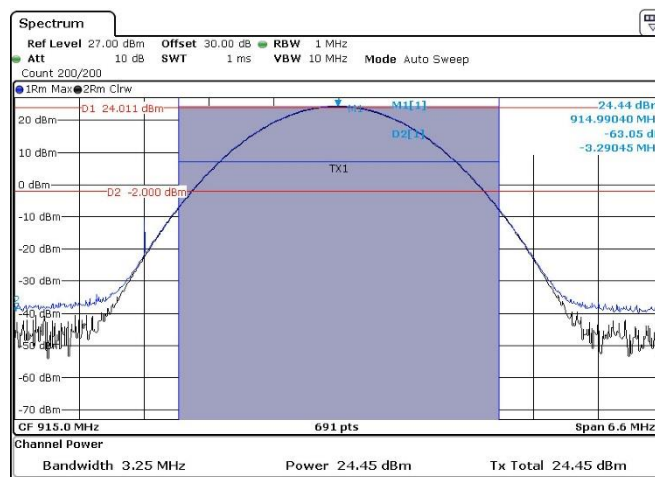
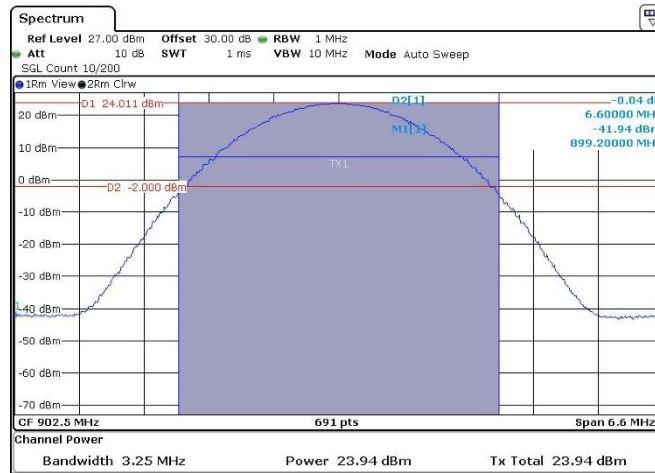
Plots for the test equipment (EUT) – Measured 20 dB Bandwidth (Profile 9)



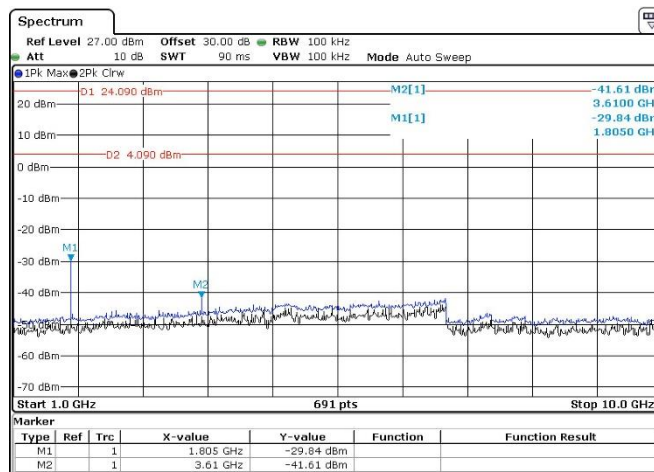
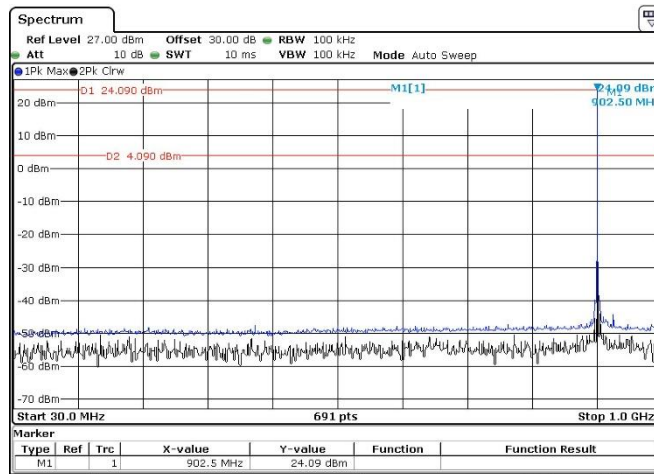
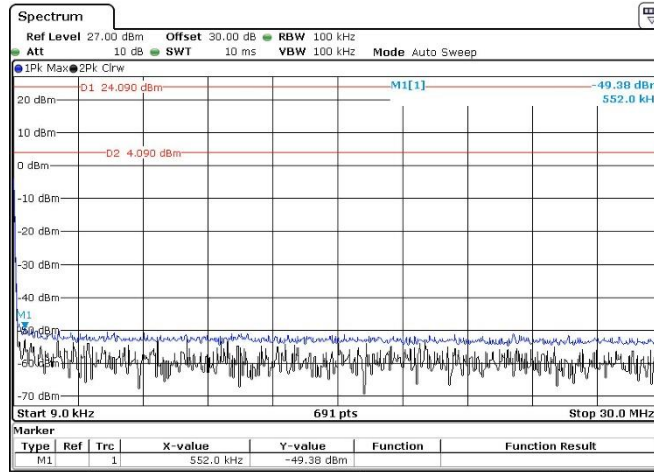
Plots for the test equipment (EUT) – Measured 99 % Bandwidth (Profile 9)



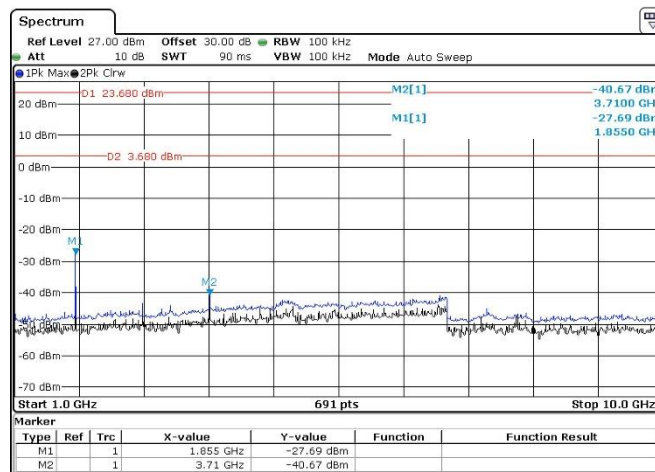
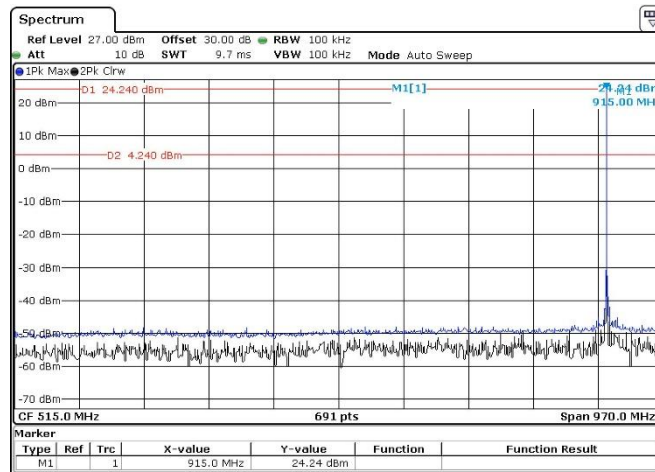
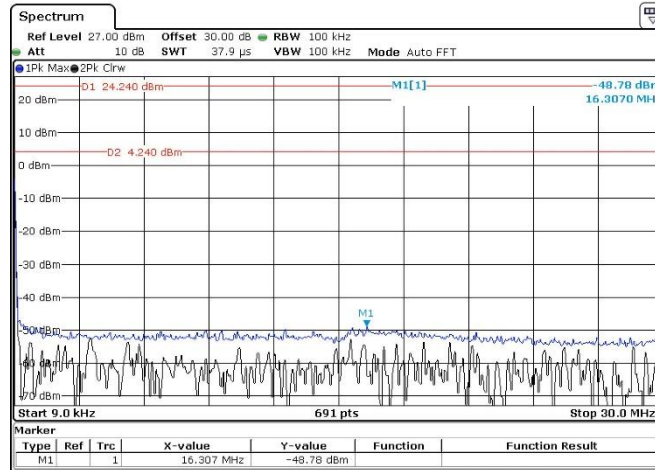
Plots for the test equipment (EUT) – Peak output power at antenna port



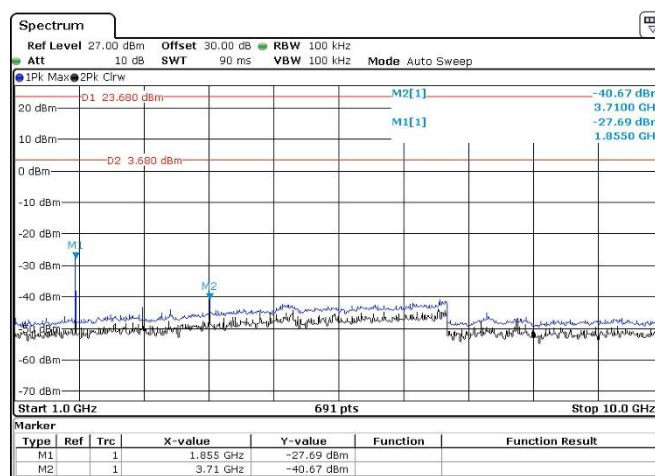
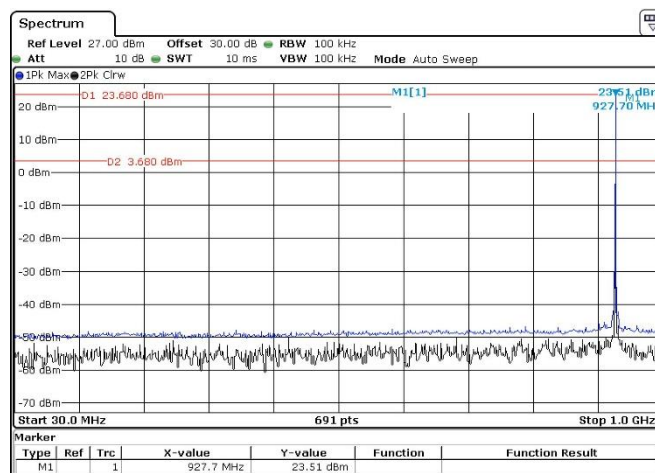
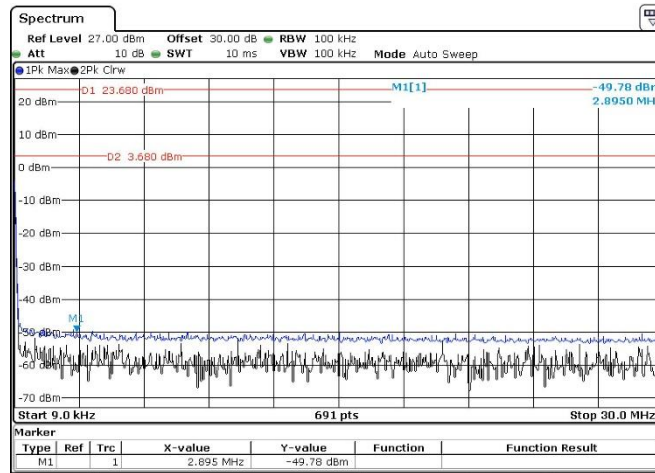
Plots for the test equipment (EUT) – Out of band emissions (lowest frequency: 902.500 MHz)



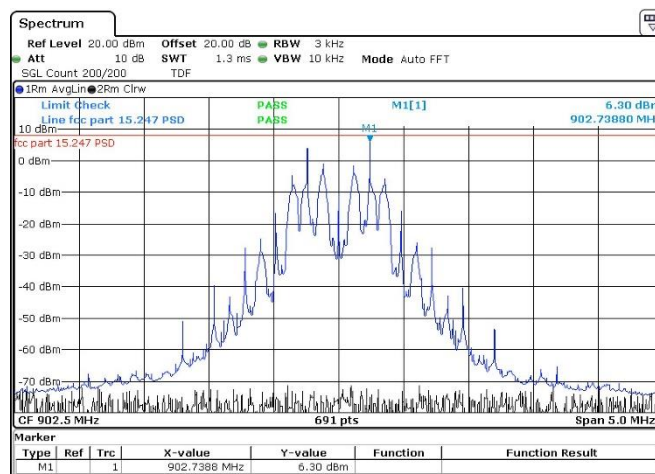
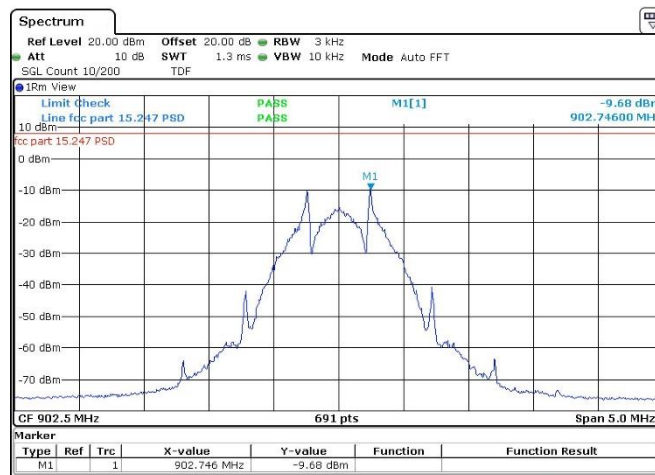
Plots for the test equipment (EUT) – Out of band emissions (middle frequency: 915.000 MHz)



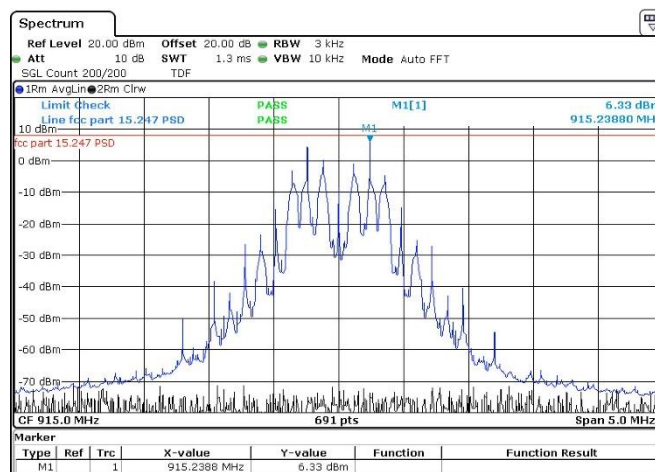
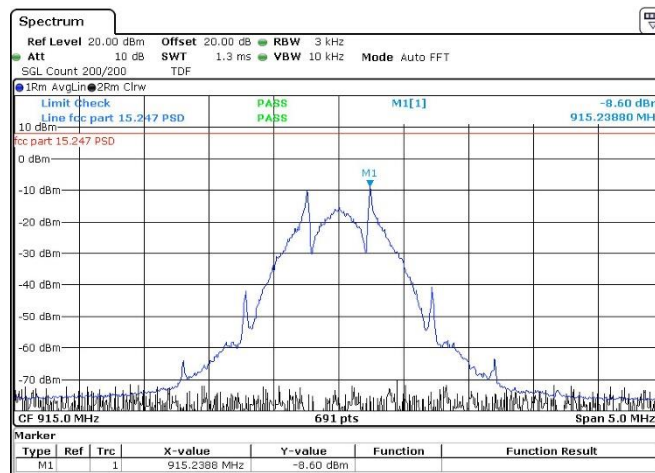
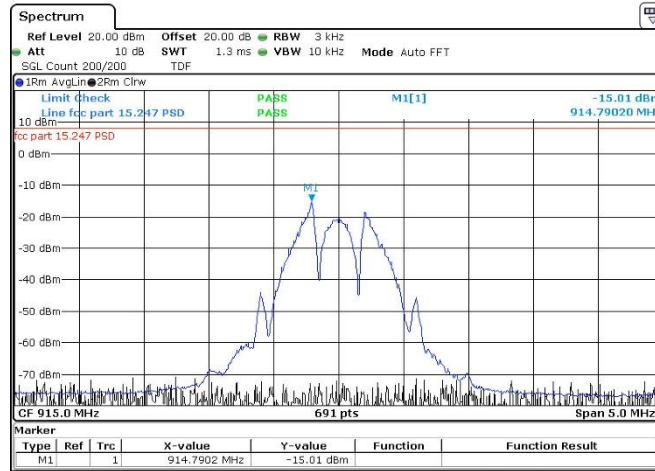
Plots for the test equipment (EUT) – Out of band emissions (highest frequency: 927.500 MHz)



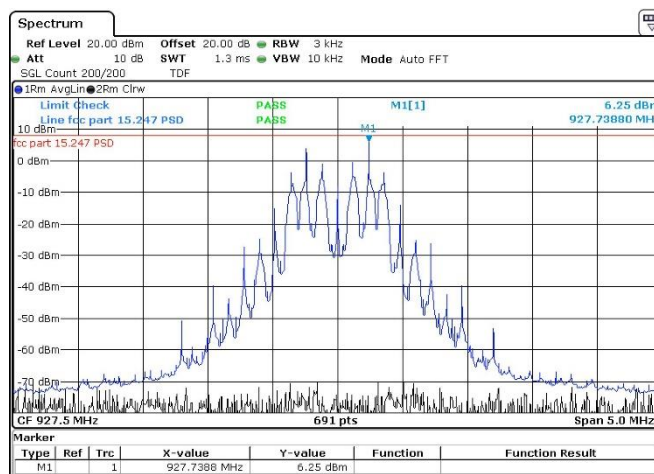
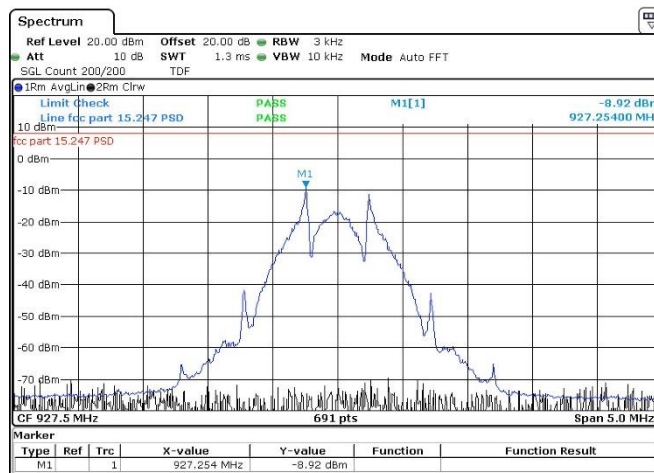
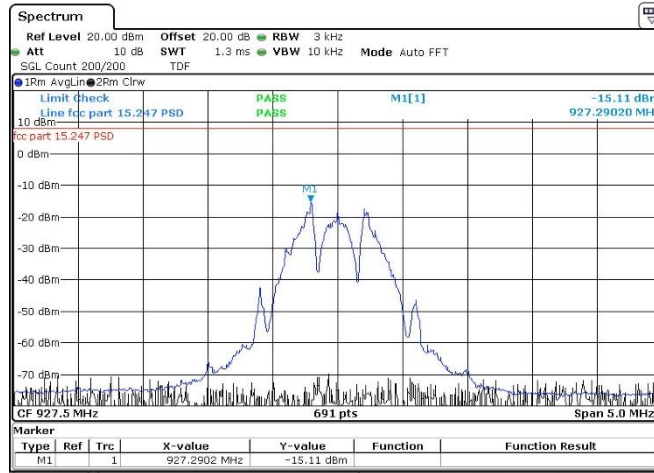
Plots for the test equipment (EUT) – Power spectral density (lowest frequency: 902.500 MHz)



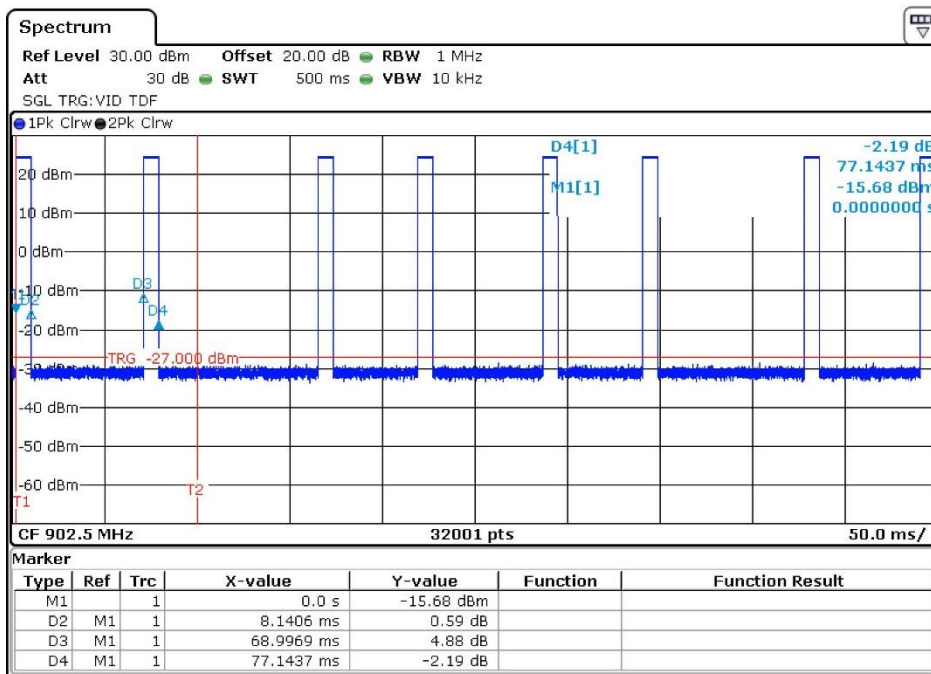
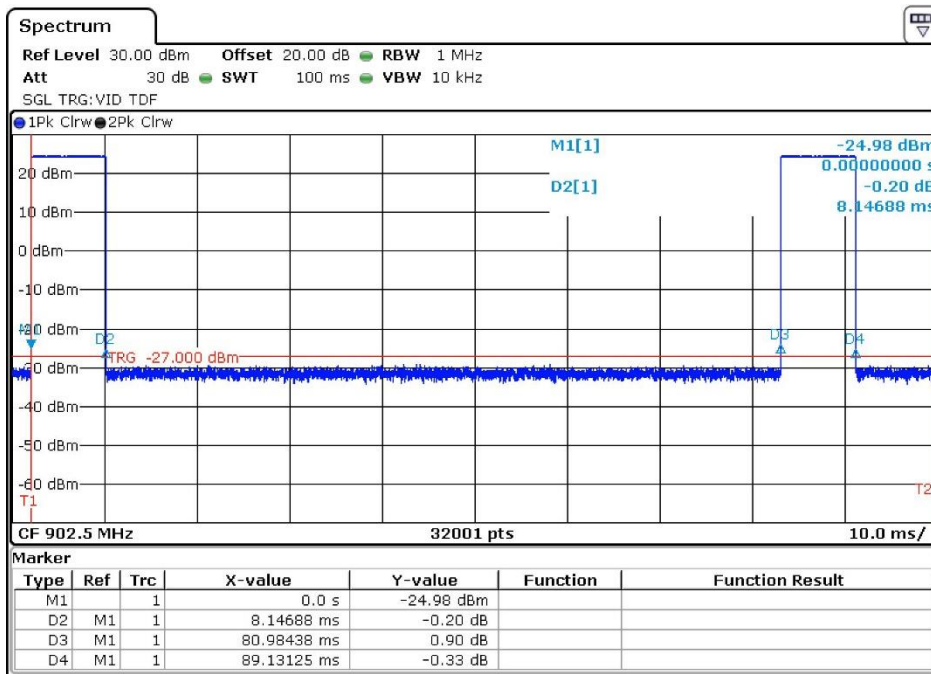
Plots for the test equipment (EUT) – Power spectral density (middle frequency: 915.000 MHz)



Plots for the test equipment (EUT) – Power spectral density (highest frequency: 927.500 MHz)

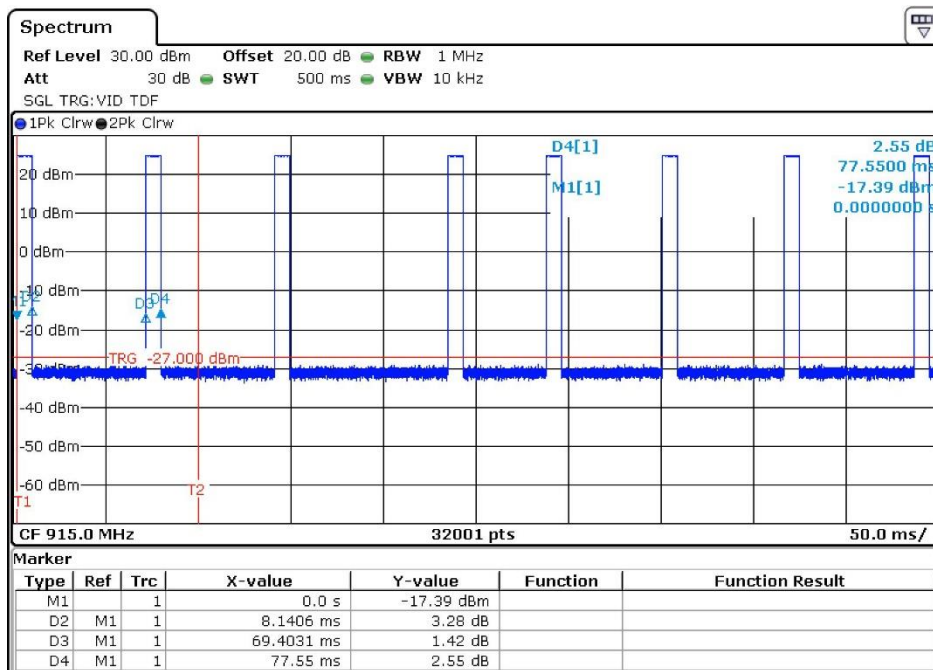
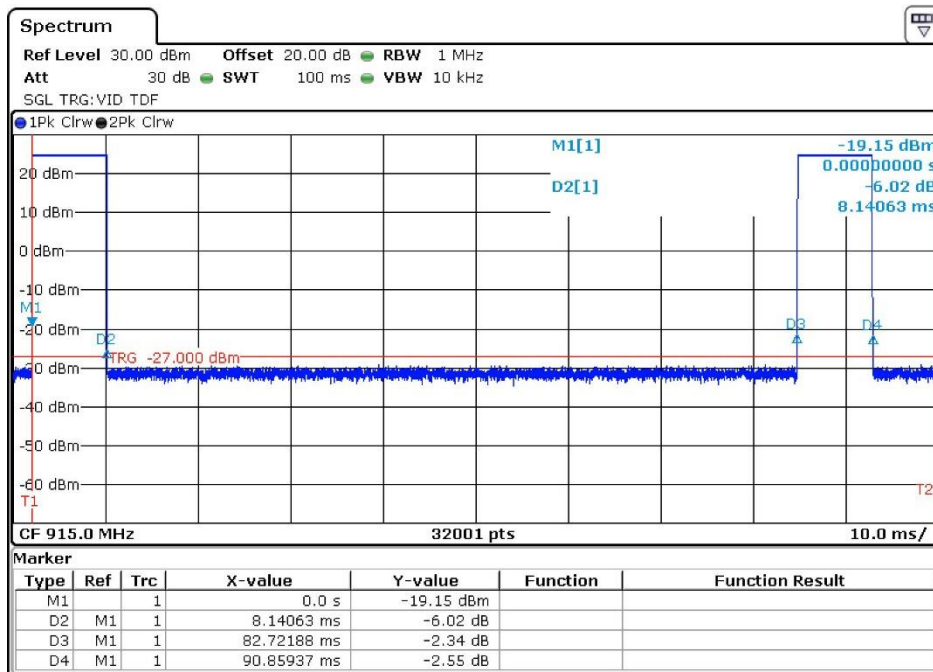


**Plots for the test equipment (EUT) – Calculation of the Averaging correction factor
(lowest frequency: 902.500 MHz)**



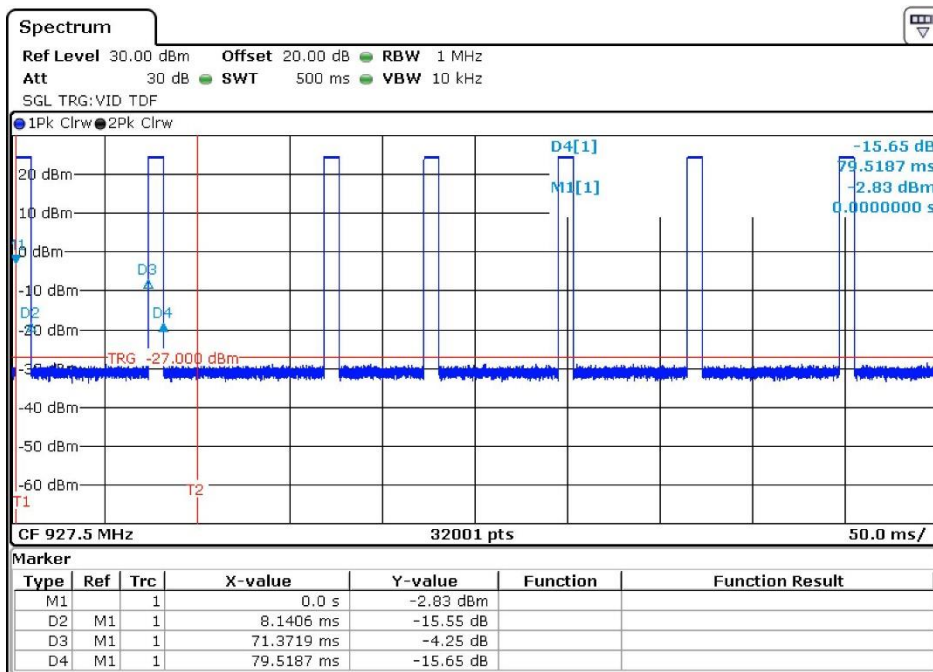
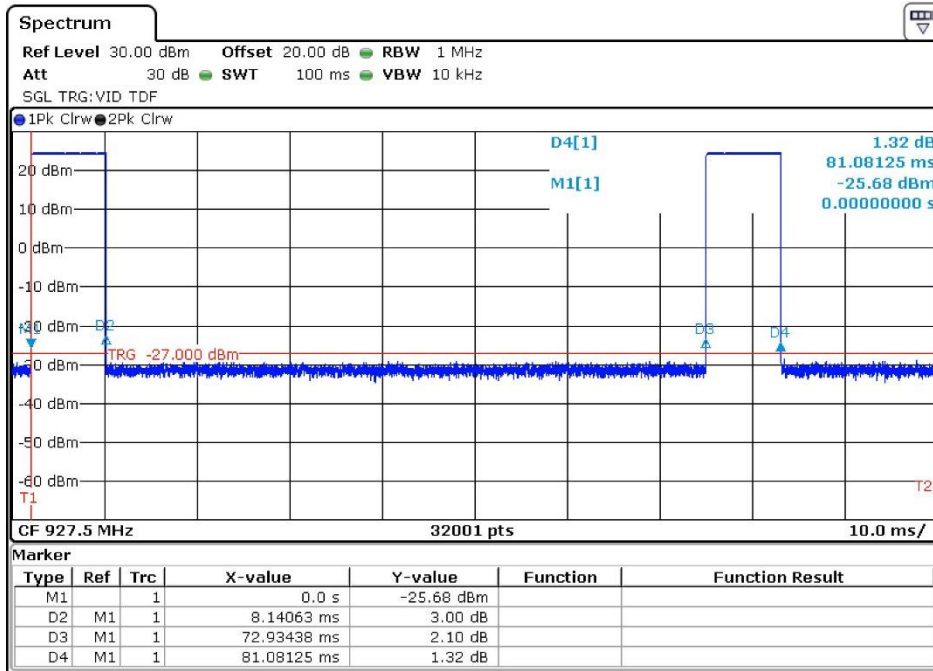
$TX_{ON} = 8.1406 \text{ ms} + 8.1468 \text{ ms} = 16.2874 \text{ ms}$ (worst case for any 100 ms time interval)
 $20 \text{ Log}(16.2874\text{ms}/100\text{ms}) = -15.7 \text{ dB}$

**Plots for the test equipment (EUT) – Calculation of the Averaging correction factor
(middle frequency: 915.000 MHz)**



$TX_{ON} = 8.1406 \text{ ms} + 8.0969 \text{ ms} = 16.2375$ (worst case for any 100 ms time interval)
 $20 \text{ Log}(16.2375\text{ms}/100\text{ms}) = -15.7 \text{ dB}$

Plots for the test equipment (EUT) – Calculation of the Averaging correction factor (lowest frequency: 927.500 MHz)



$TX_{ON} = 8.1406 \text{ ms} + 8.1468 \text{ ms} = 16.2875$ (worst case for any 100 ms time interval)
 $20 \text{ Log}(16.2875\text{ms}/100\text{ms}) = -15.7 \text{ dB}$