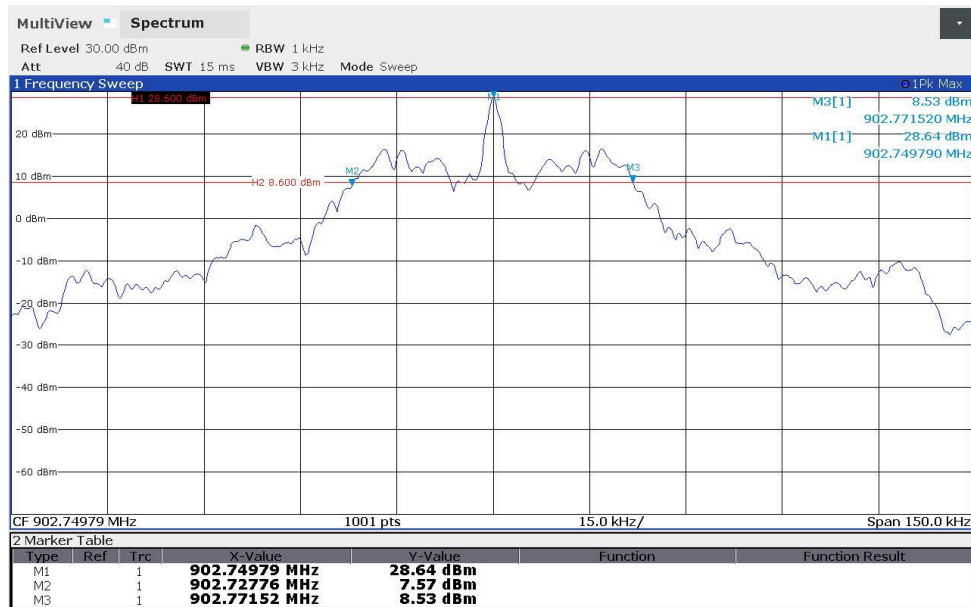


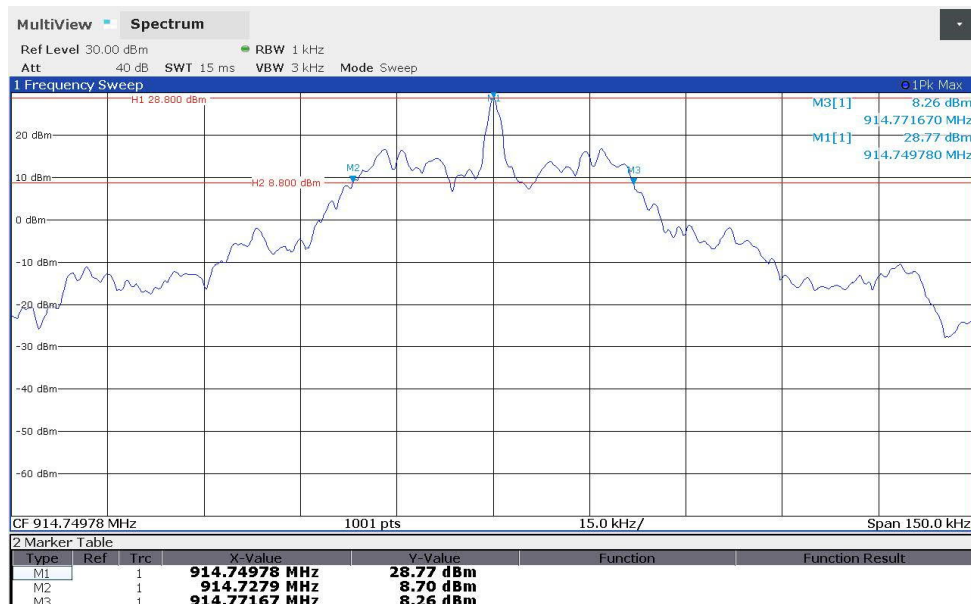
Annex A Measurement plots

20 dB bandwidth

192159_20dB_0.wmf: 20 dB bandwidth at the lower end of the assigned frequency band:

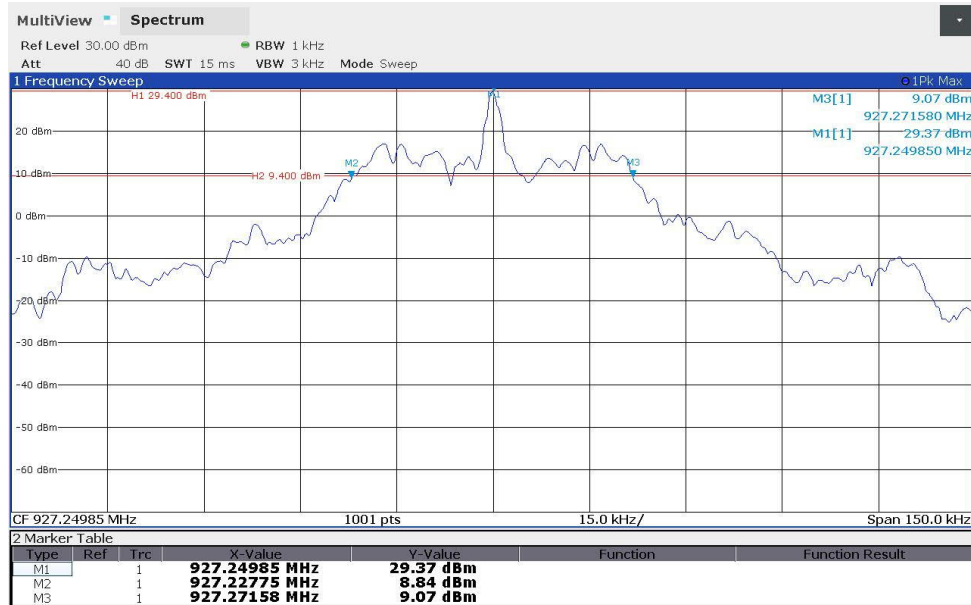


192159_20dB_24.wmf: 20 dB bandwidth at the middle of the assigned frequency band:



Annex A Measurement plots

192159_20dB_49.wmf: 20 dB bandwidth at the upper end of the assigned frequency band:



99 % bandwidth

192159_99_0.wmf: 99 % at the lower end of the assigned frequency band:



Annex A Measurement plots

192159_99_24.wmf: 99 % bandwidth at the middle of the assigned frequency band:



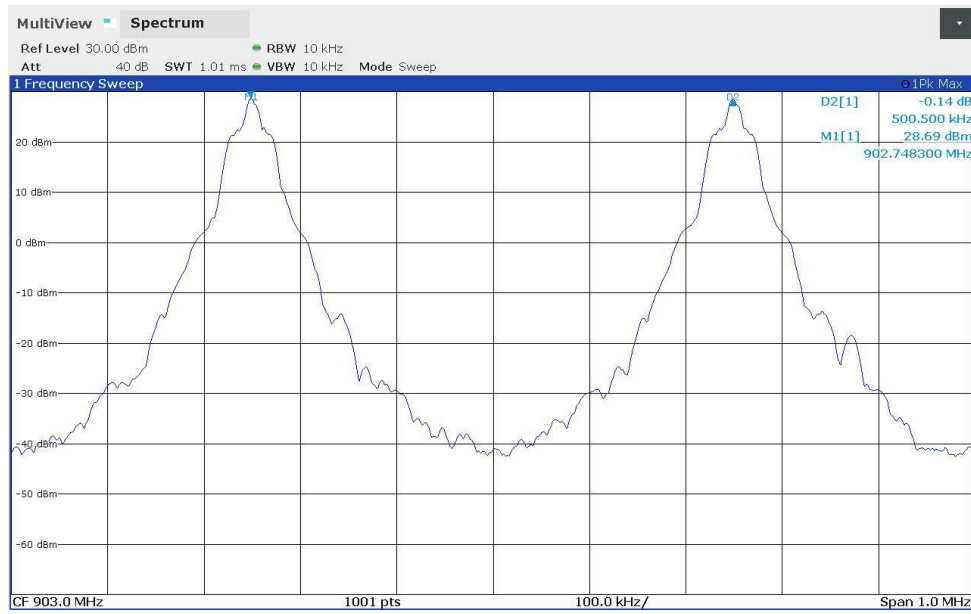
192159_99_49.wmf: 99 % bandwidth at the upper end of the assigned frequency band:



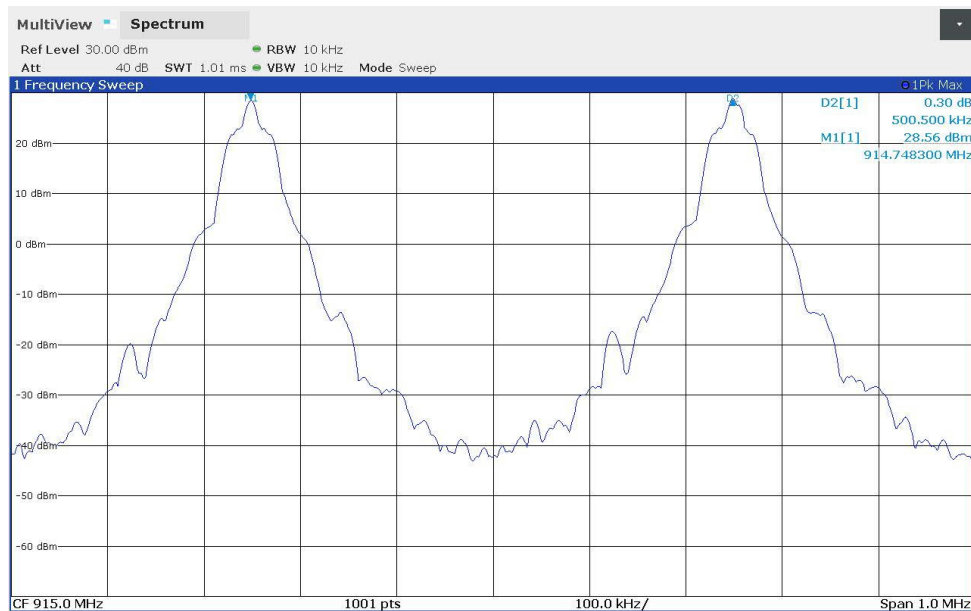
Annex A Measurement plots

Carrier frequency separation

192159_CFS_0.wmf: Channel separation at the lower end of the assigned frequency band:

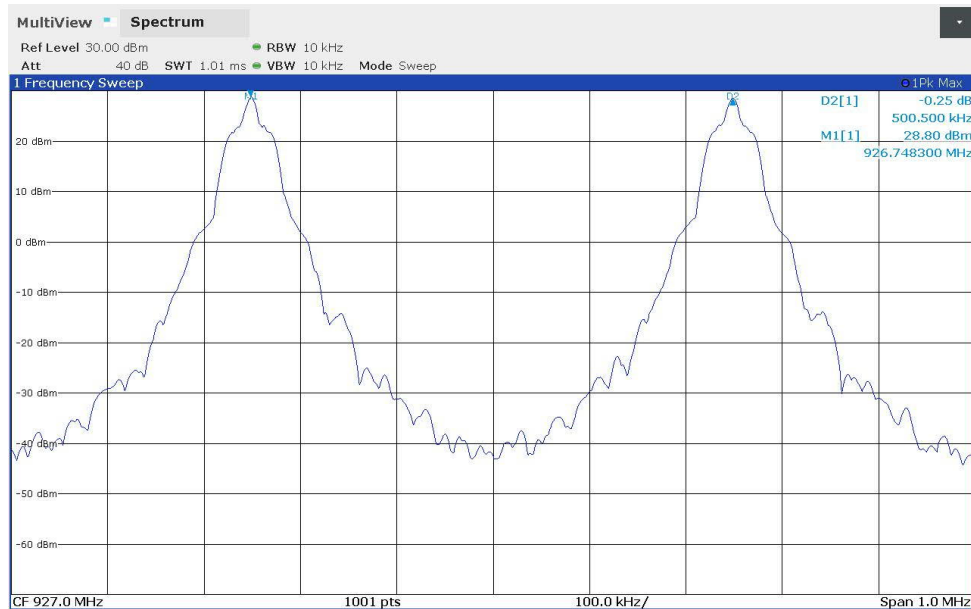


192159_CFS_24.wmf: Channel separation at the middle of the assigned frequency band:



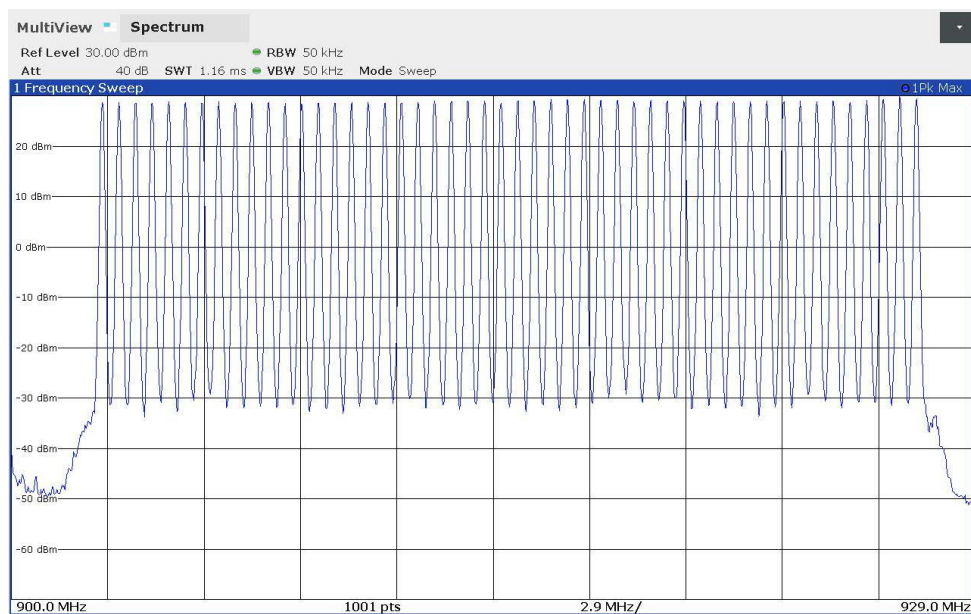
Annex A Measurement plots

192159_CFS_49.wmf: Channel separation at the upper end of the assigned frequency band:



Number of hopping channels

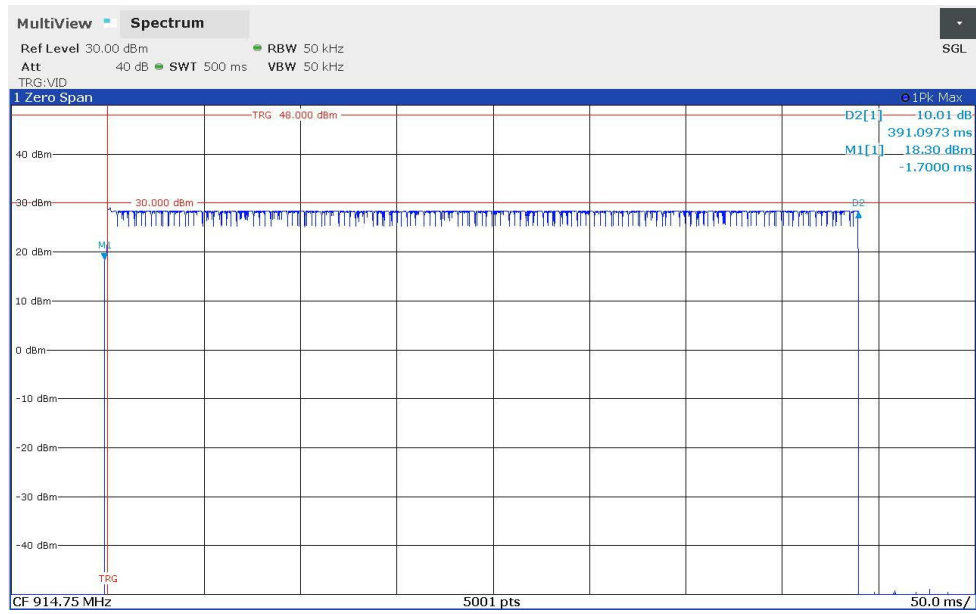
192159_hop.wmf: Number of hopping channels:



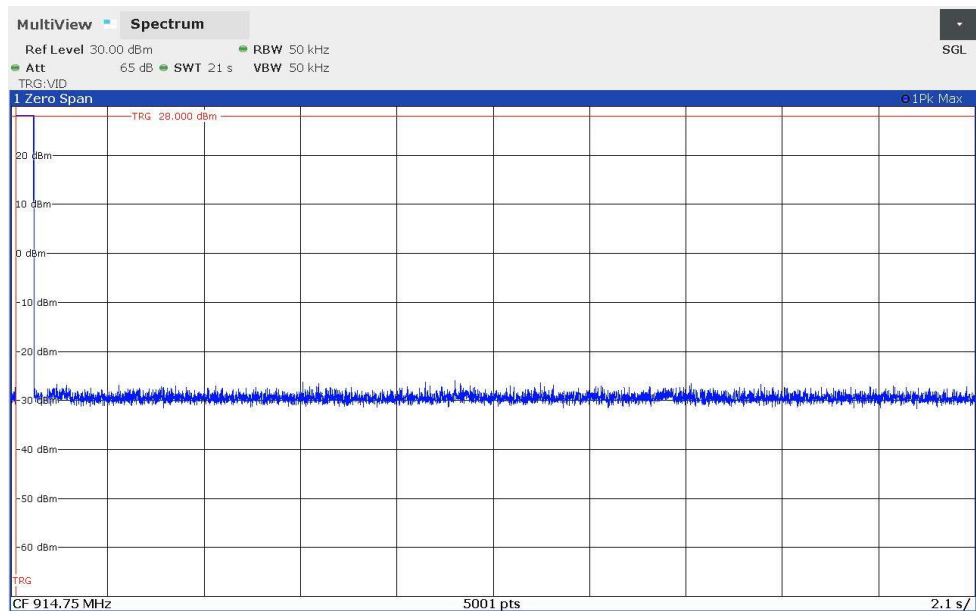
Annex A Measurement plots

Dwell time

192159_Dwell1_24.wmf: Dwell time at the middle of the assigned frequency band (single hop):



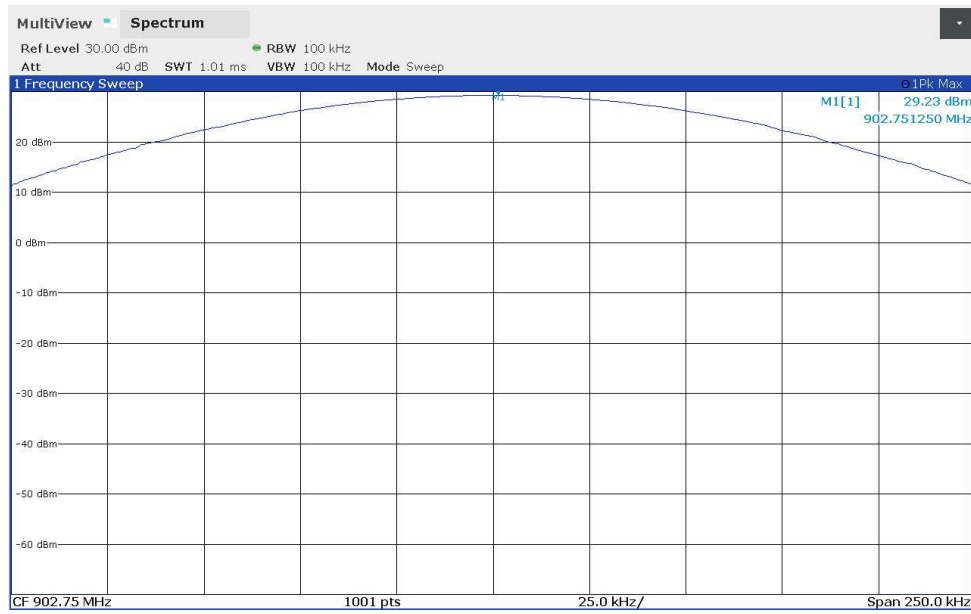
192159_Dwell2_24.wmf: Dwell time at the middle of the assigned frequency band (21 s sweep):



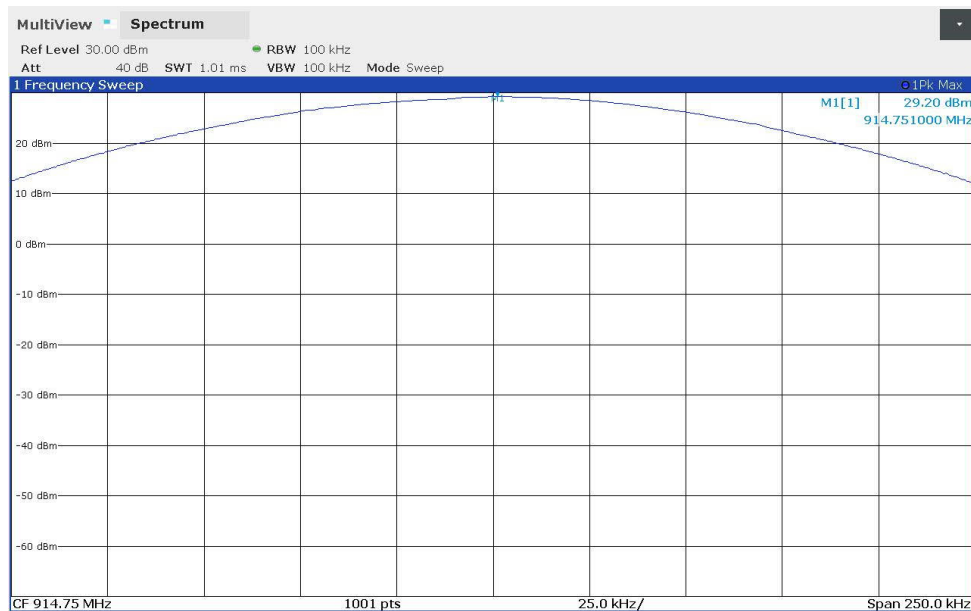
Annex A Measurement plots

Maximum peak output power of TN-UHF-Q300-NA-CDS

192159_PWR_0.wmf: Maximum peak output power at the lower end of the assigned frequency band:

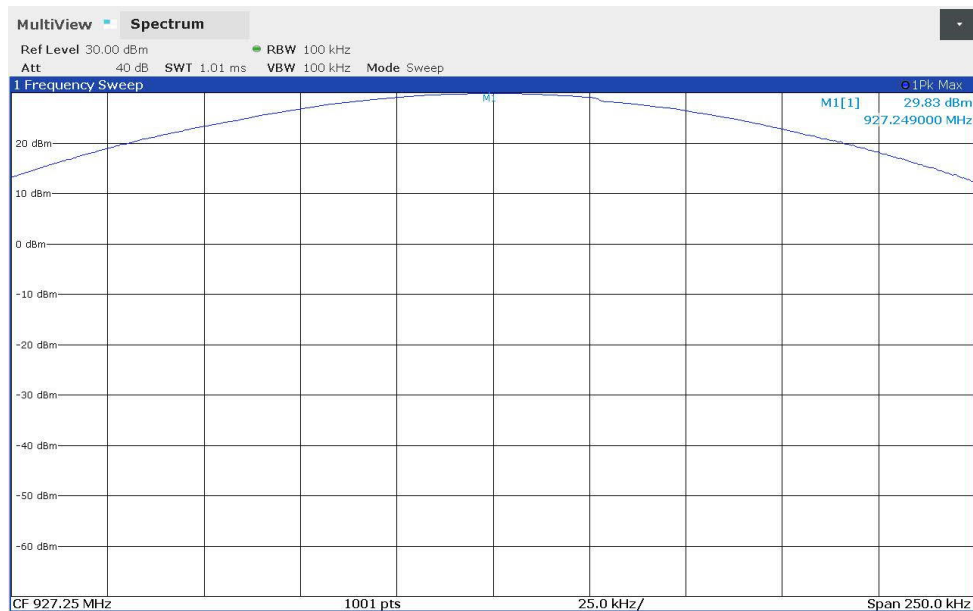


192159_PWR_24.wmf: Maximum peak output power at the middle of the assigned frequency band:



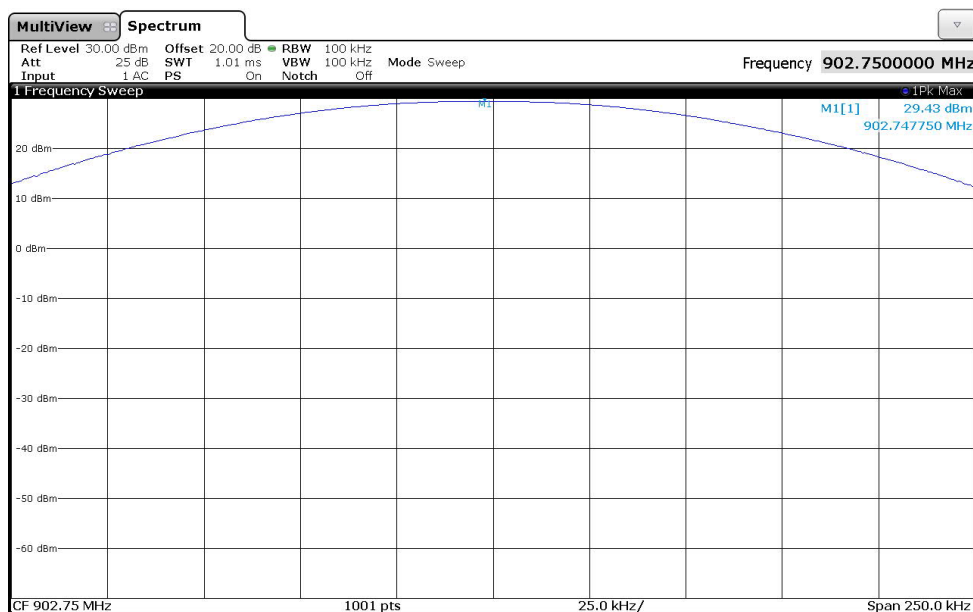
Annex A Measurement plots

192159_PWR_49.wmf: Maximum peak output power at the upper end of the assigned frequency band:



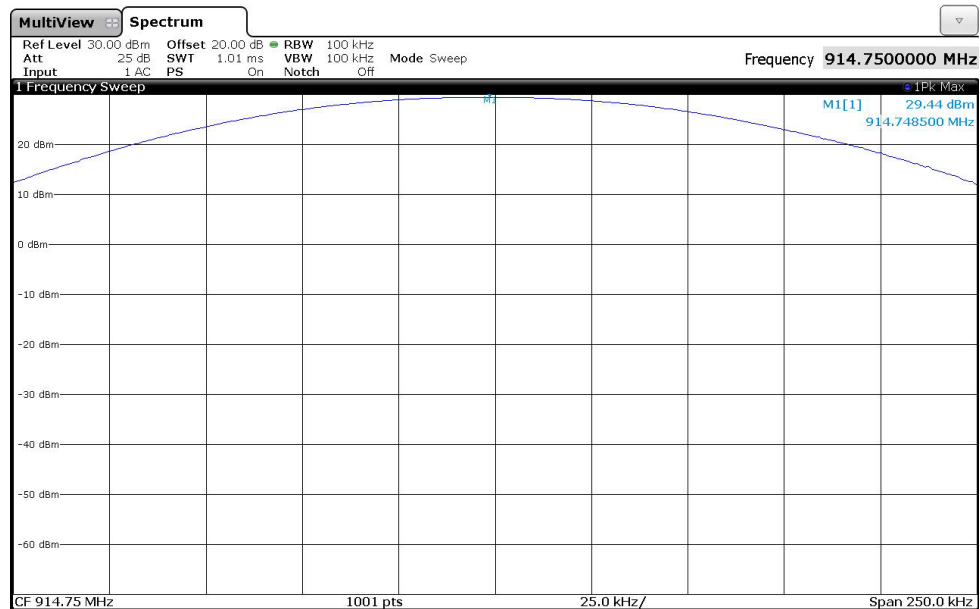
Maximum peak output power of TN-UHF-Q180L300-NA-CDS

192159_PWR_0_2.png: Maximum peak output power at the lower end of the assigned frequency band:

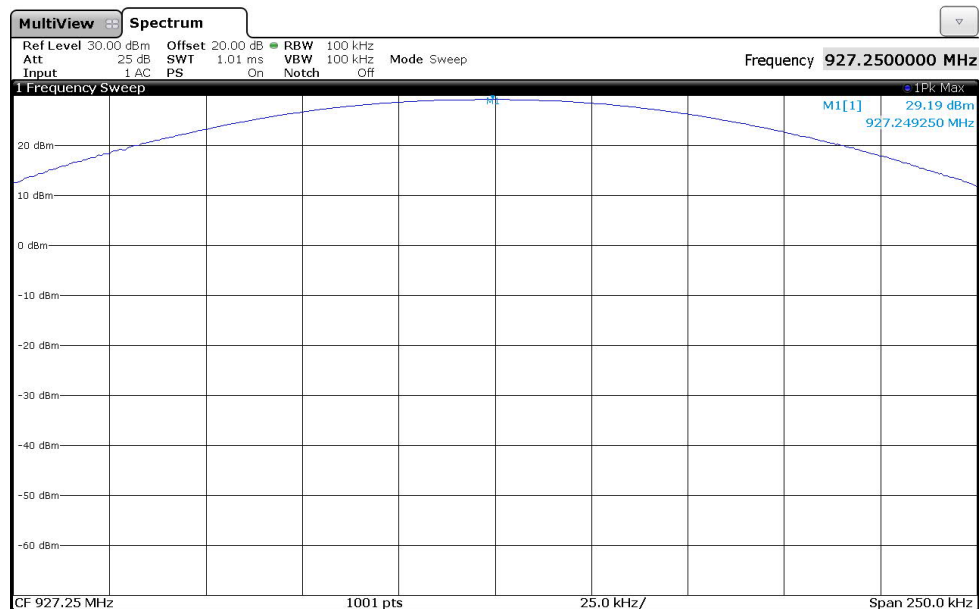


Annex A Measurement plots

192159_PWR_24_2.wmf: Maximum peak output power at the middle of the assigned frequency band:



192159_PWR_49_2.wmf: Maximum peak output power at the upper end of the assigned frequency band:



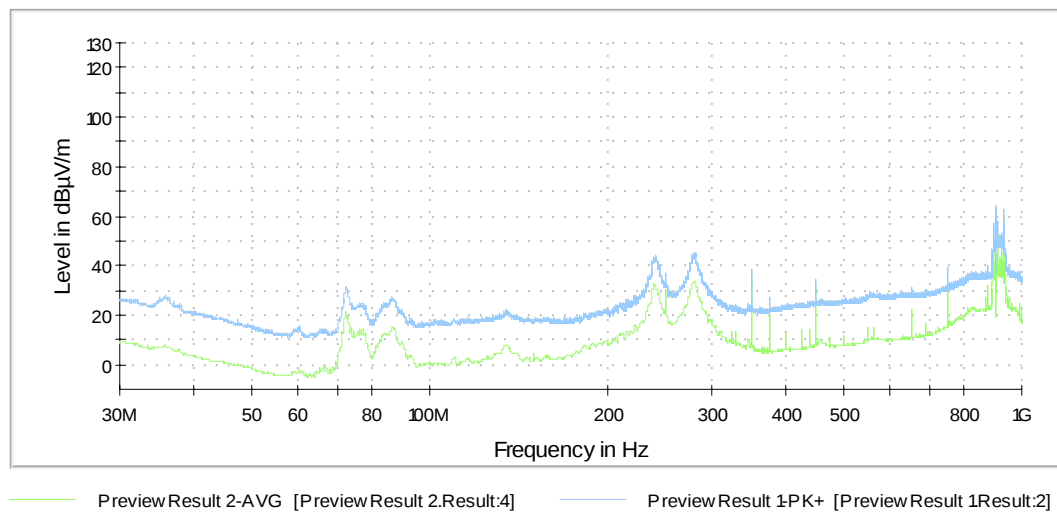
Annex A Measurement plots

Radiated emission measurement of TN-UHF-Q300-NA-CDS

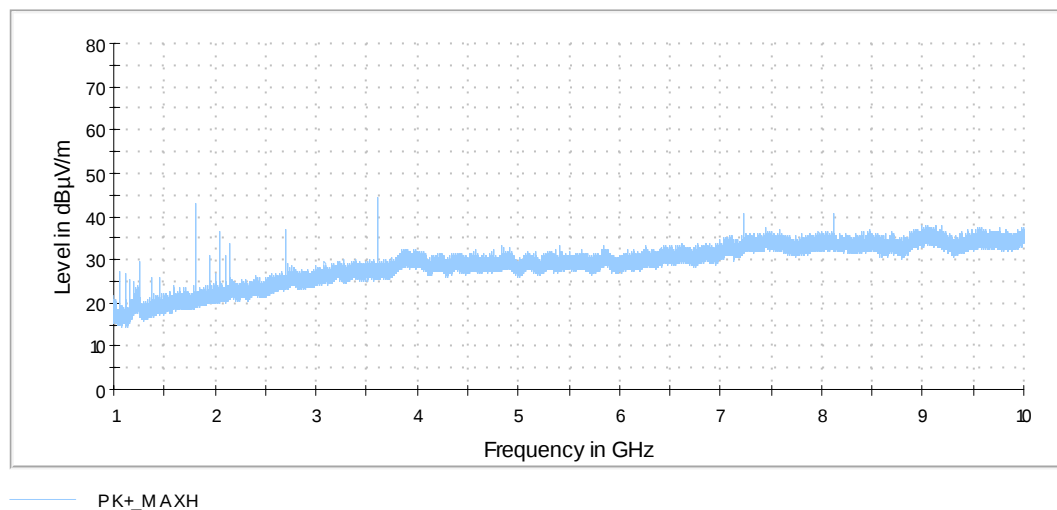
Preliminary radiated emission measurement with internal antenna

Transmitter operates at the lower end of the assigned frequency band (operation mode 1)

192159 0 30M 1G 2i: Spurious emissions from 30 MHz to 1 GHz (operation mode 1, carrier notched):



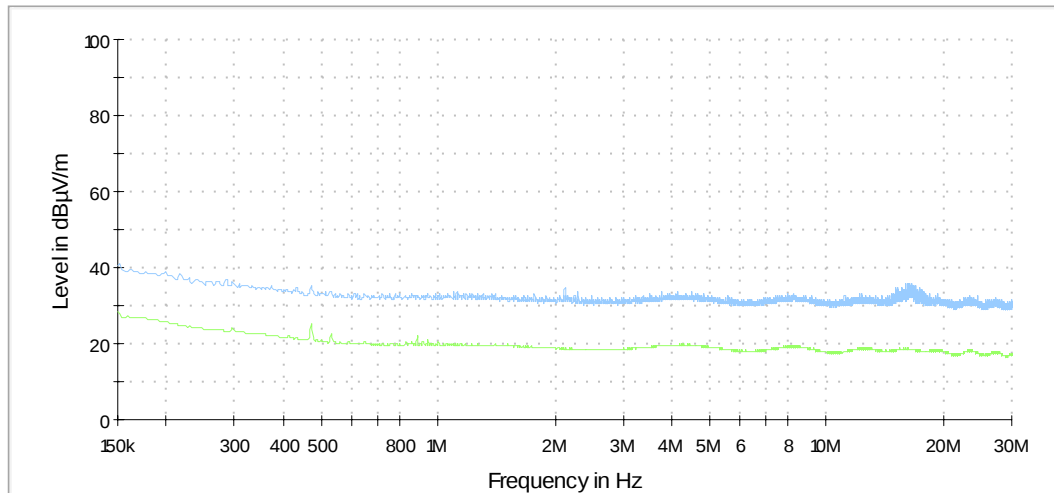
192159 0 1G 10G 2i: Spurious emissions from 1 GHz to 10 GHz (operation mode 1):



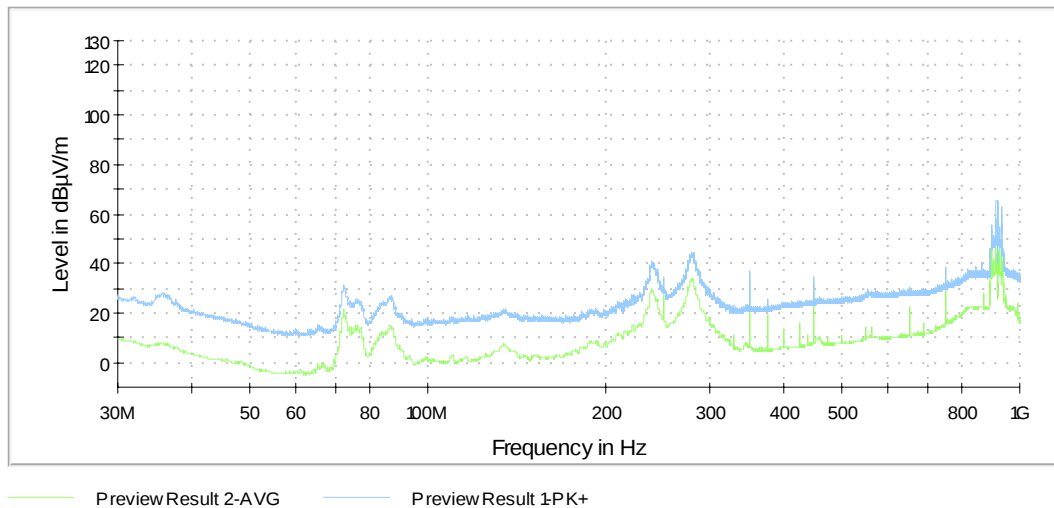
Annex A Measurement plots

Transmitter operates at the middle of the assigned frequency band (operation mode 2)

192159 150k 30M 24 2i: Spurious emissions from 150 kHz to 30 MHz (operation mode 2):

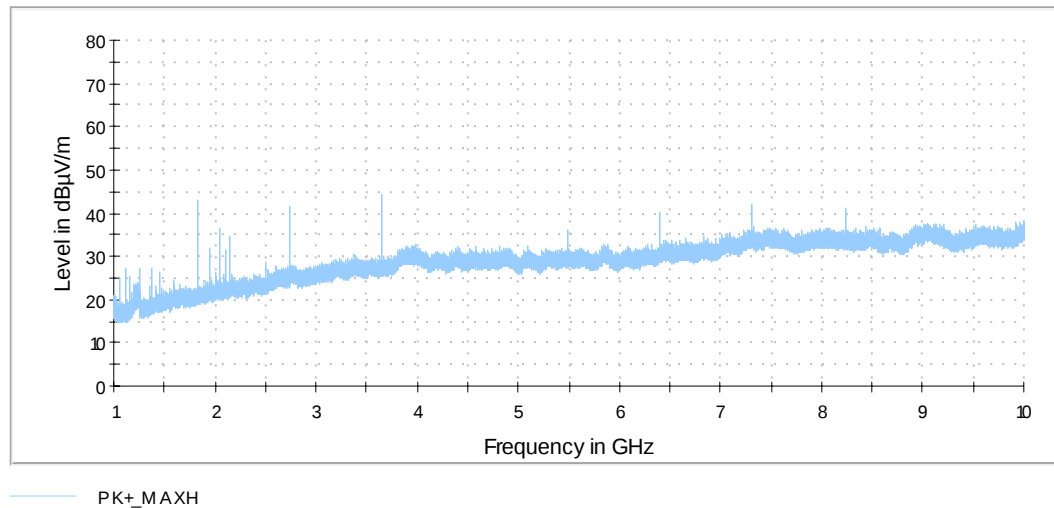


192159 24 30M 1G 2i: Spurious emissions from 30 MHz to 1 GHz (operation mode 2, carrier notched):



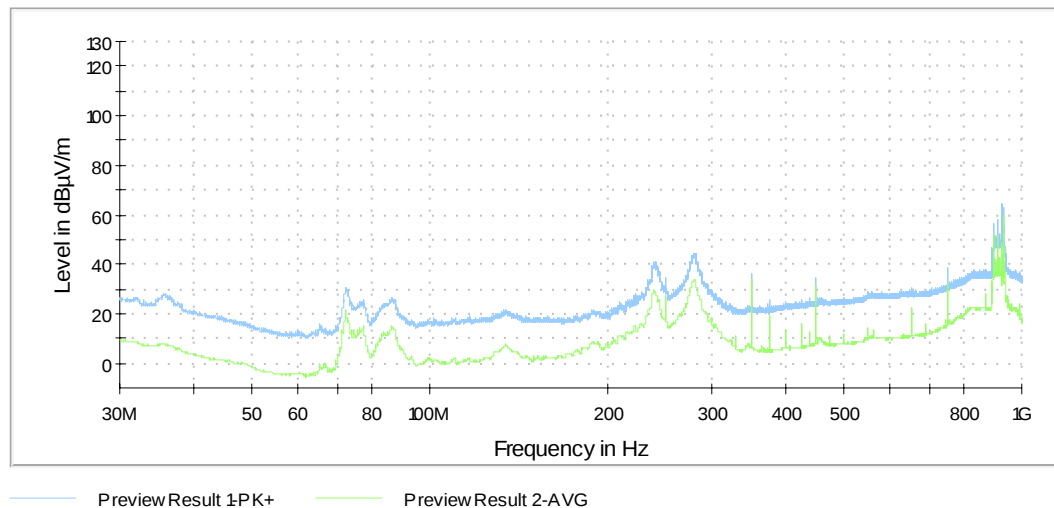
Annex A Measurement plots

192159 24 1G 10G 2i: Spurious emissions from 1 GHz to 10 GHz (operation mode 2):



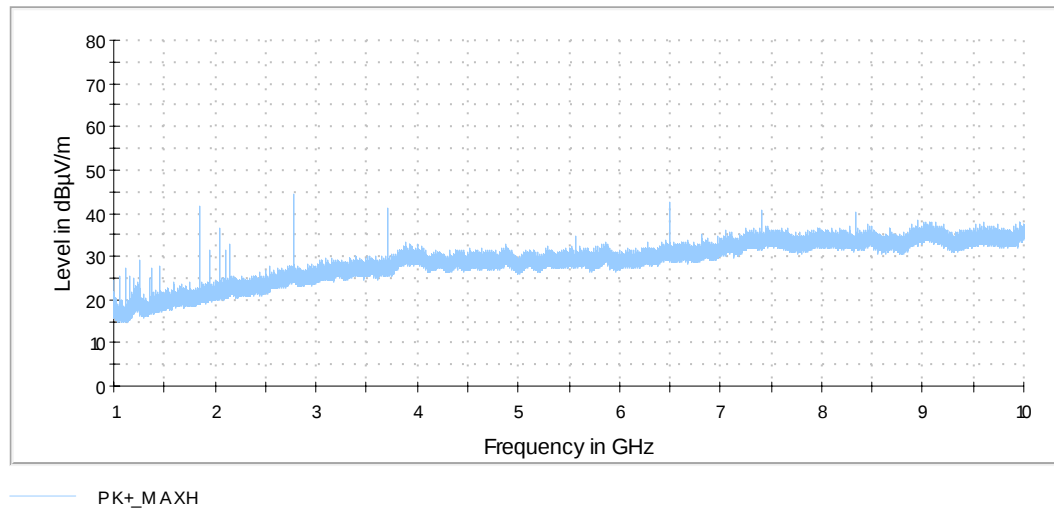
Transmitter operates on the upper end of the assigned frequency (operation mode 3)

192159 49 30M 1G 2i: Spurious emissions from 30 MHz to 1 GHz (operation mode 3, carrier notched):



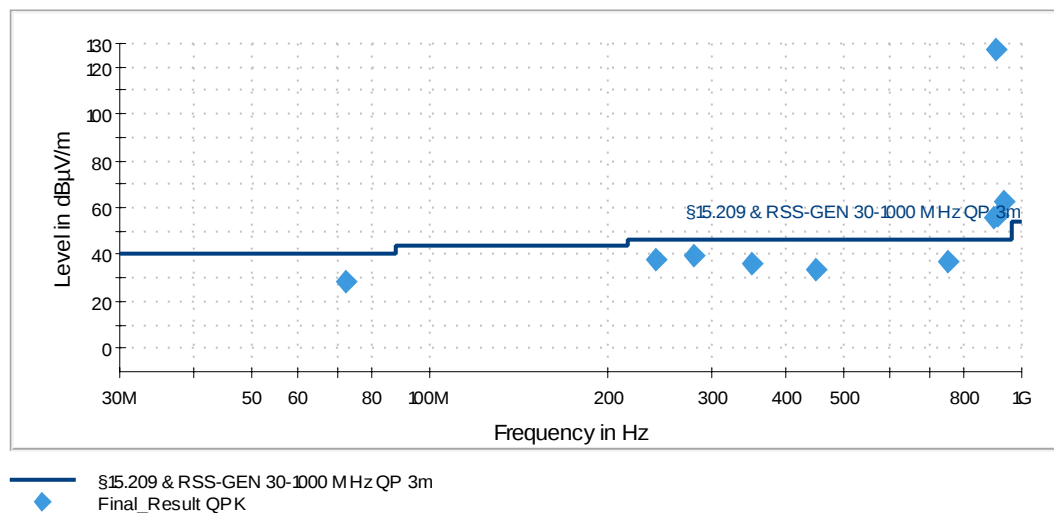
Annex A Measurement plots

192159 49 1G 10G 2i: Spurious emissions from 1 GHz to 10 GHz (operation mode 3):



Final radiated emission measurement (30 MHz to 1 GHz) with internal antenna

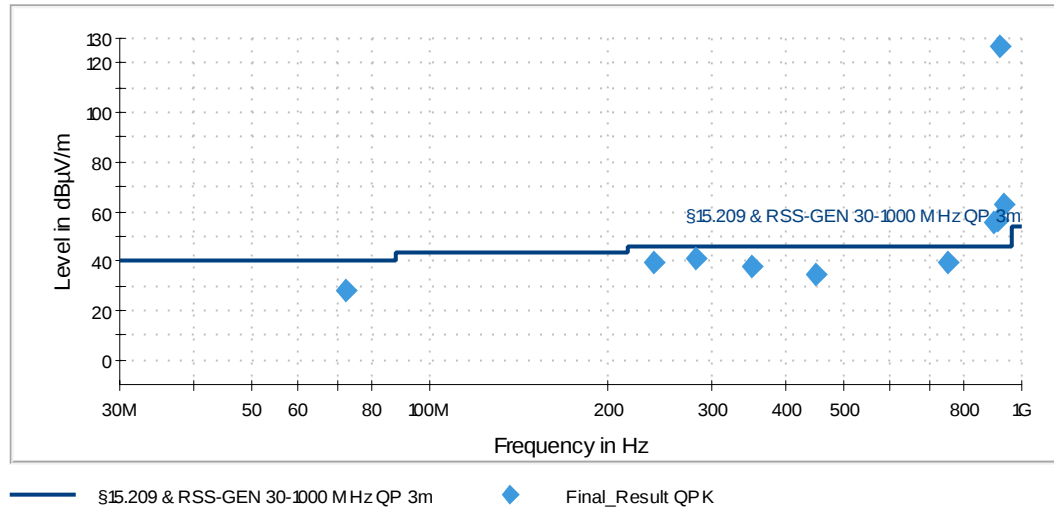
Transmitter operates on the lower end of the assigned frequency (operation mode 1)



Data record name: 192159_0_30M_1G_2i

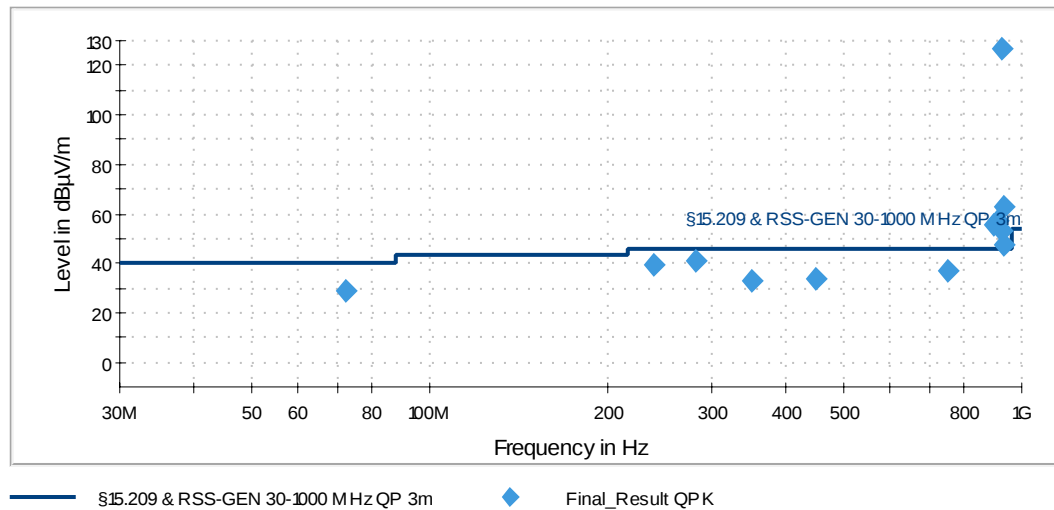
Annex A Measurement plots

Transmitter operates on the middle of the assigned frequency (operation mode 2)



Data record name: 192159_24_30M_1G_2i

Transmitter operates on the upper end of the assigned frequency (operation mode 3)



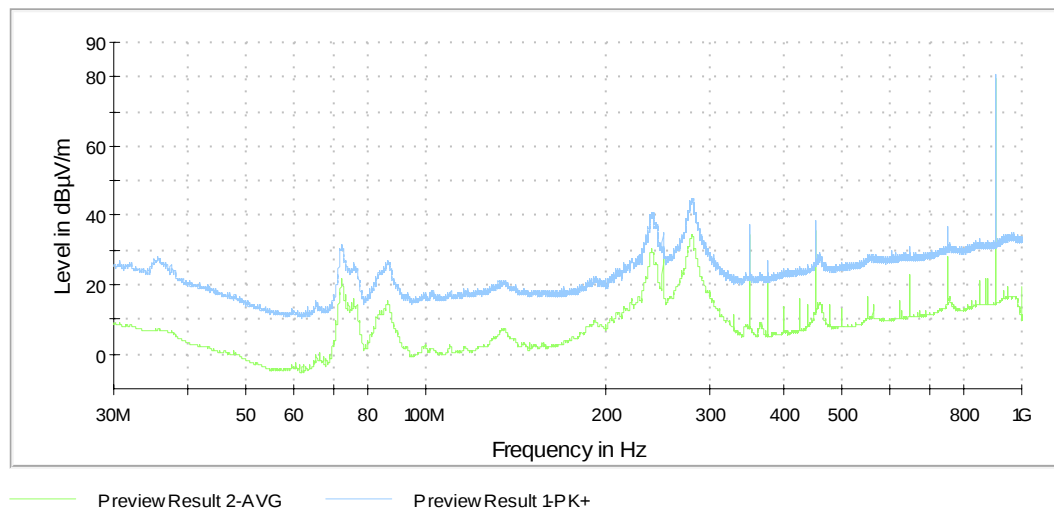
Data record name: 192159_49_30M_1G_2i

Annex A Measurement plots

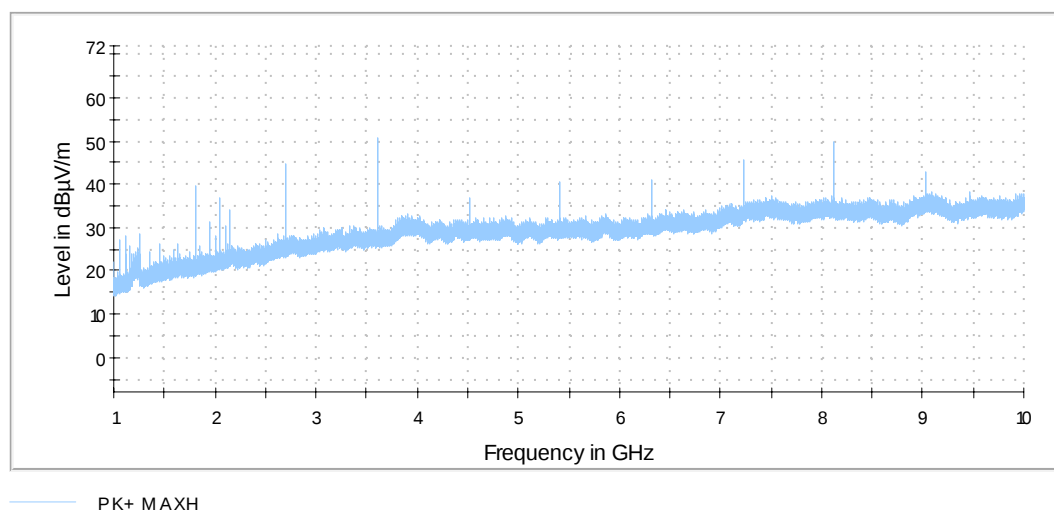
Preliminary radiated emission measurement with external antenna port terminated

Transmitter operates at the lower end of the assigned frequency band (operation mode 1)

192159 0 30M 1G 2t: Spurious emissions from 30 MHz to 1 GHz (operation mode 1):



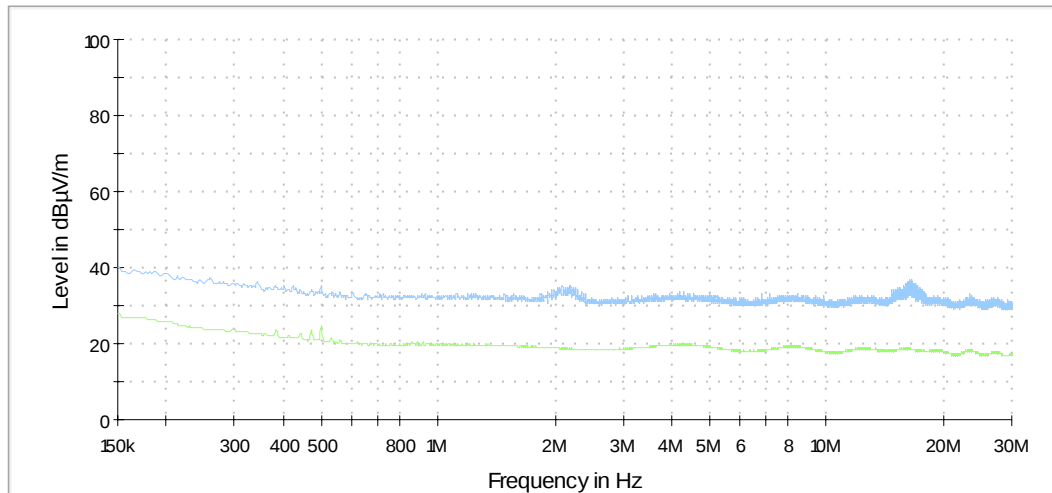
192159 0 1G 10G 2t: Spurious emissions from 1 GHz to 10 GHz (operation mode 1):



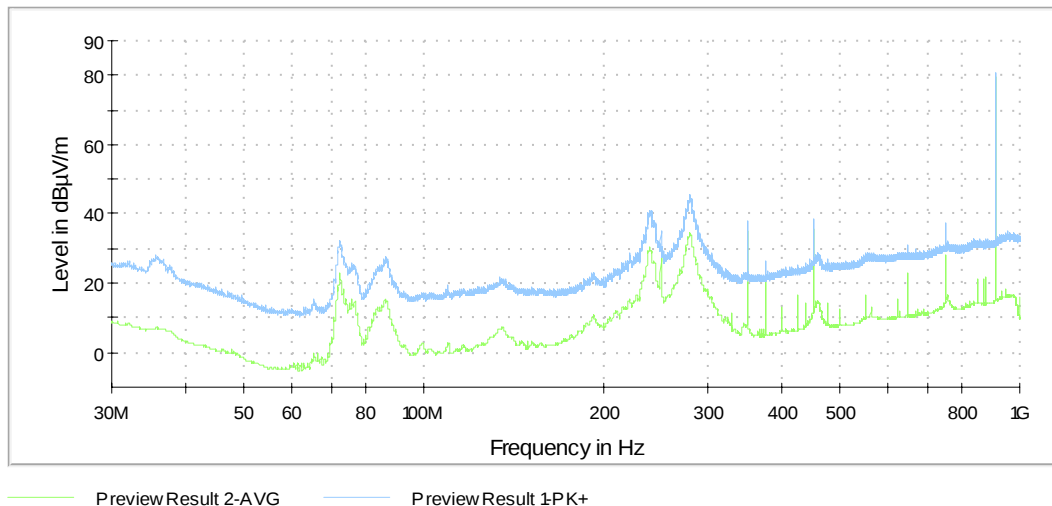
Annex A Measurement plots

Transmitter operates on the middle of the assigned frequency band (operation mode 2)

192159 24 150k 30M 2t: Spurious emissions from 150 kHz to 30MHz (operation mode 2):

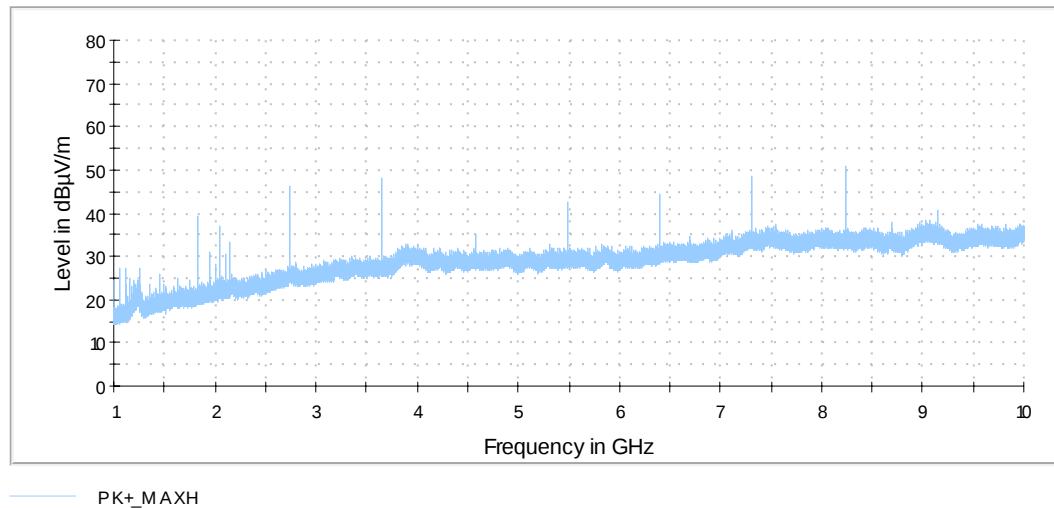


192159 24 30M 1G 2t: Spurious emissions from 30 MHz to 1 GHz (operation mode 2):



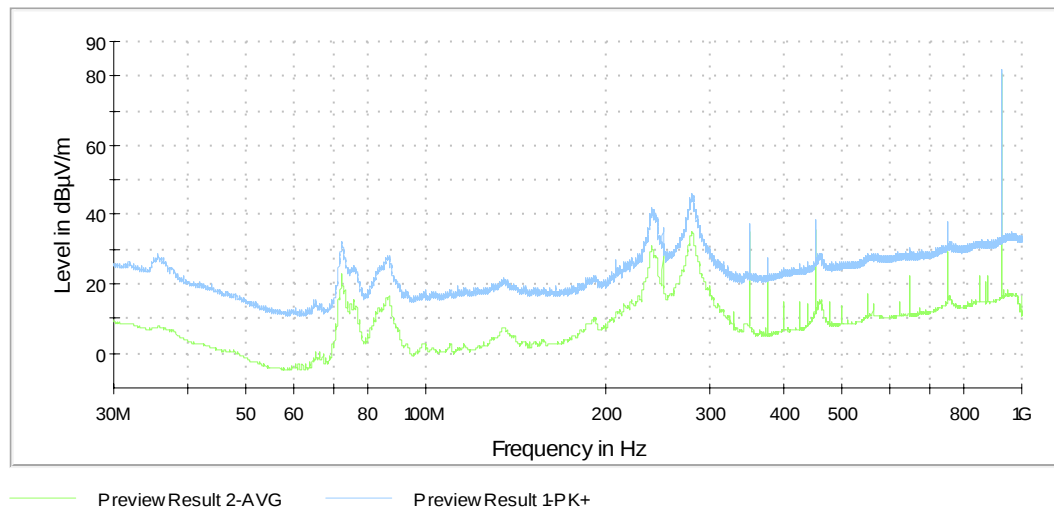
Annex A Measurement plots

192159 24 1G 10G 2t.wmf: Spurious emissions from 1 GHz to 10 GHz (operation mode 2):



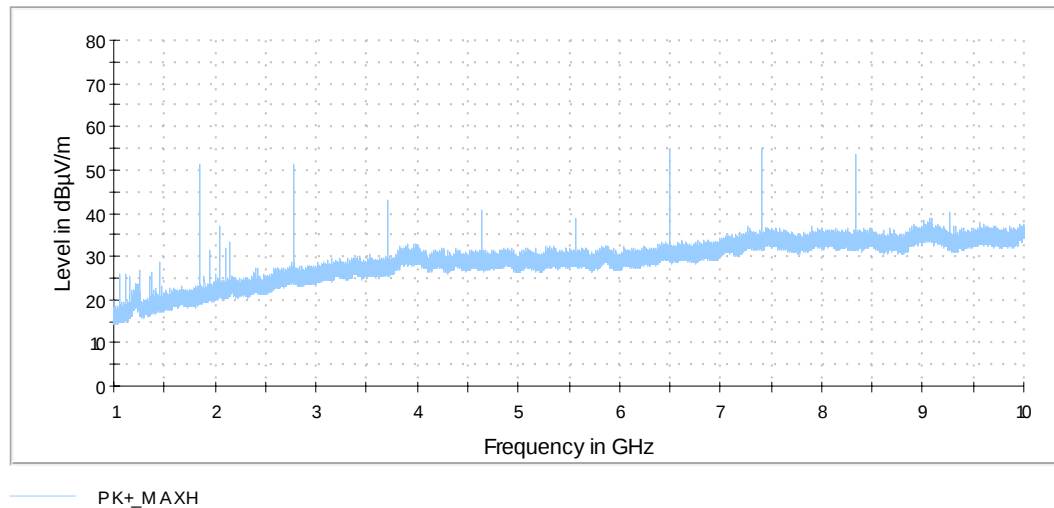
Transmitter operates on the upper end of the assigned frequency (operation mode 3)

192159 49 30M 1G 2t: Spurious emissions from 30 MHz to 1 GHz (operation mode 3):



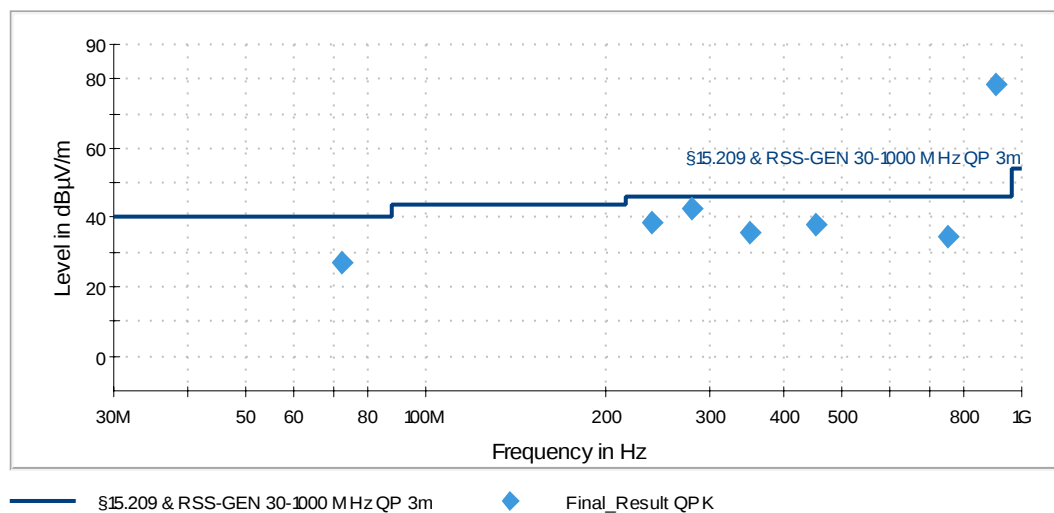
Annex A Measurement plots

192159 49 1G 10G 2t: Spurious emissions from 1 GHz to 10 GHz (operation mode 3):



Final radiated emission measurement (30 MHz to 1 GHz) with external antenna port terminated

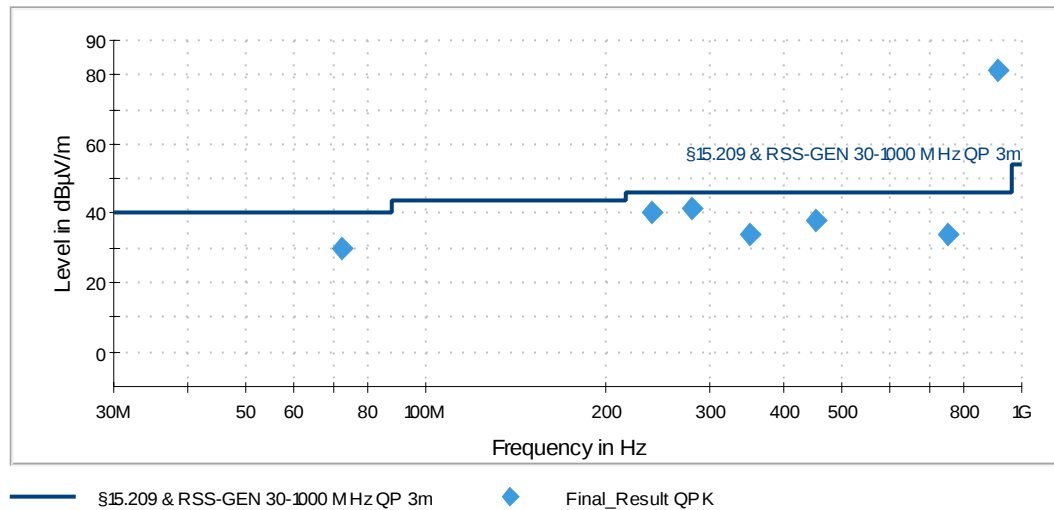
Transmitter operates on the lower end of the assigned frequency (operation mode 1)



Data record name: 192159_0_30M_1G_2t

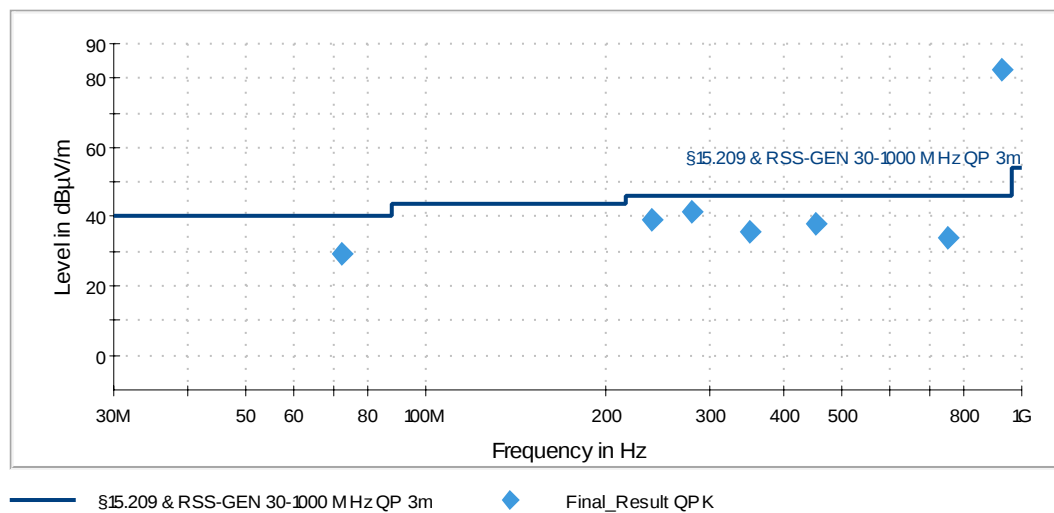
Annex A Measurement plots

Transmitter operates on the middle of the assigned frequency (operation mode 2)



Data record name: 192159_24_30M_1G_2t

Transmitter operates on the upper end of the assigned frequency (operation mode 3)



Data record name: 192159_49_30M_1G_2t

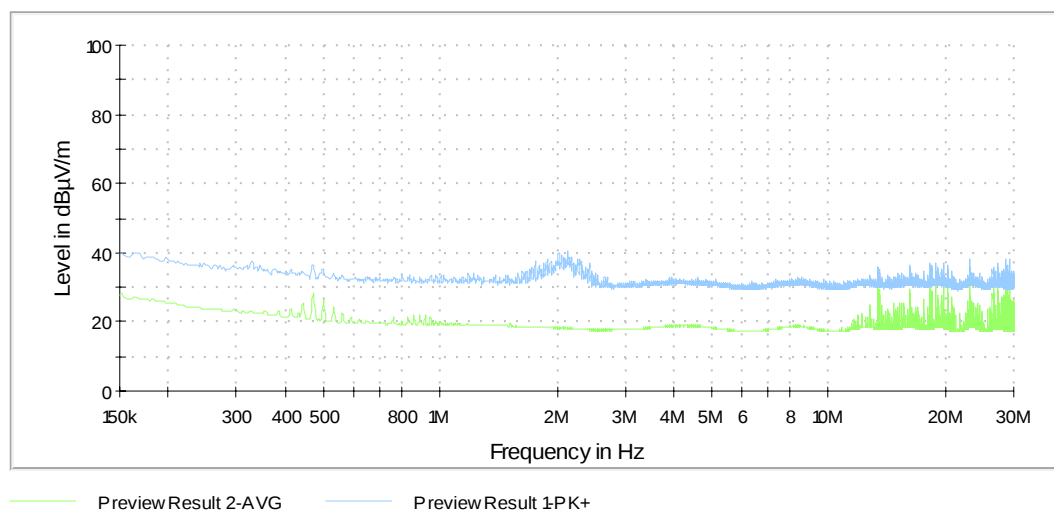
Annex A Measurement plots

Radiated emission measurement of TN-UHF-Q180L300-NA-CDS

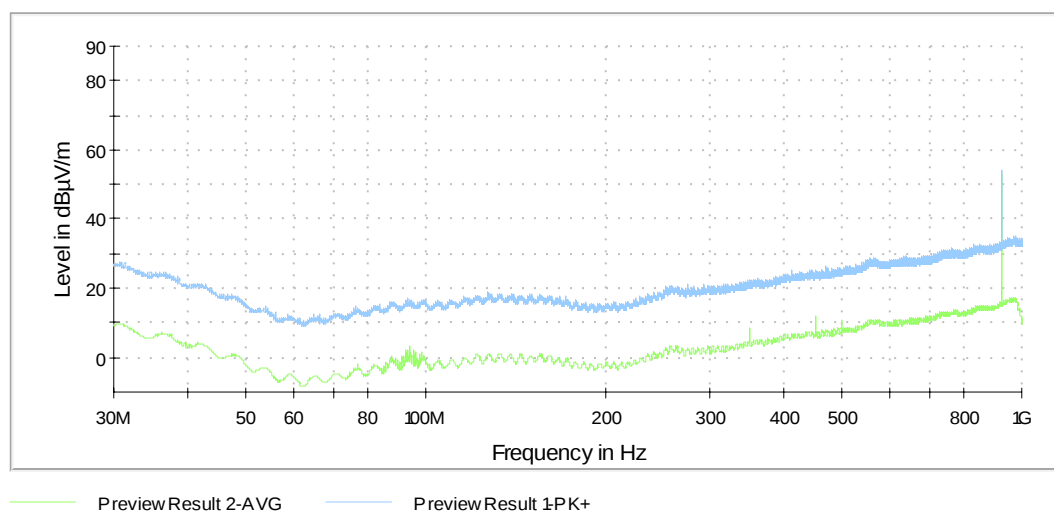
Preliminary radiated emission measurement with external antenna port terminated

Transmitter operates on the upper end of the assigned frequency (operation mode 3)

192159 150k 30M 49 2: Spurious emissions from 150 kHz to 30 MHz (operation mode 3):

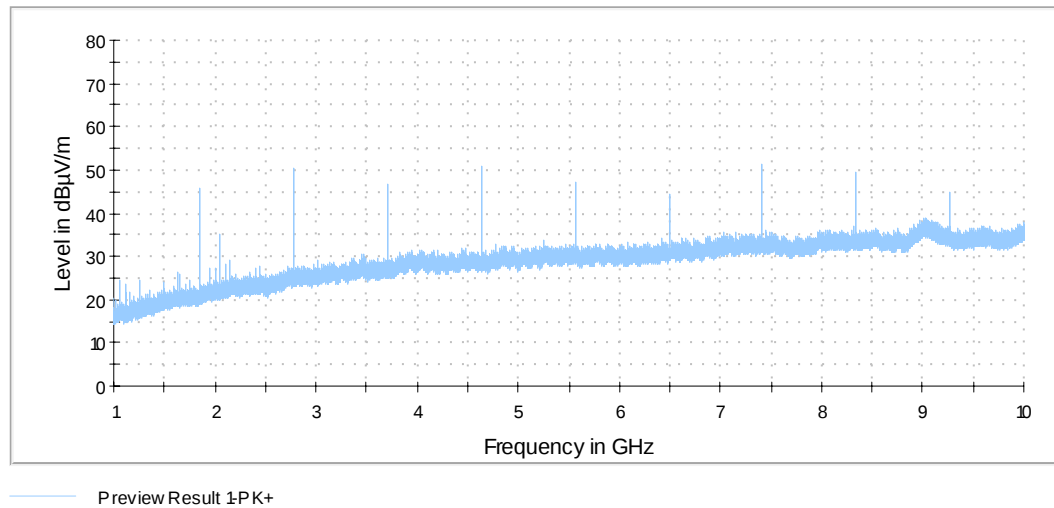


192159 49 30M 1G 2: Spurious emissions from 30 MHz to 1 GHz (operation mode 3):



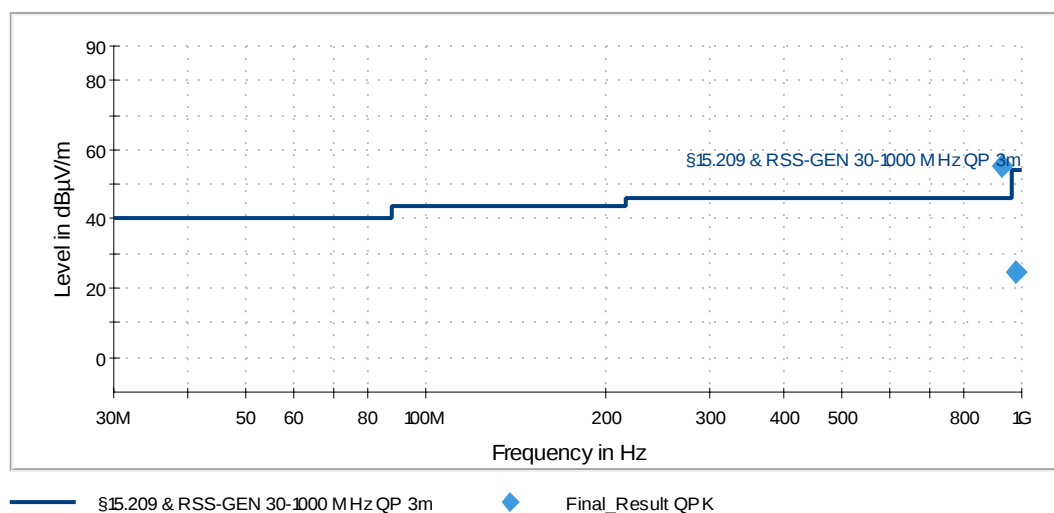
Annex A Measurement plots

192159 49 1G 10G 2: Spurious emissions from 1 GHz to 10 GHz (operation mode 3):



Final radiated emission measurement (30 MHz to 1 GHz) with external antenna port terminated

Transmitter operates on the upper end of the assigned frequency (operation mode 3)

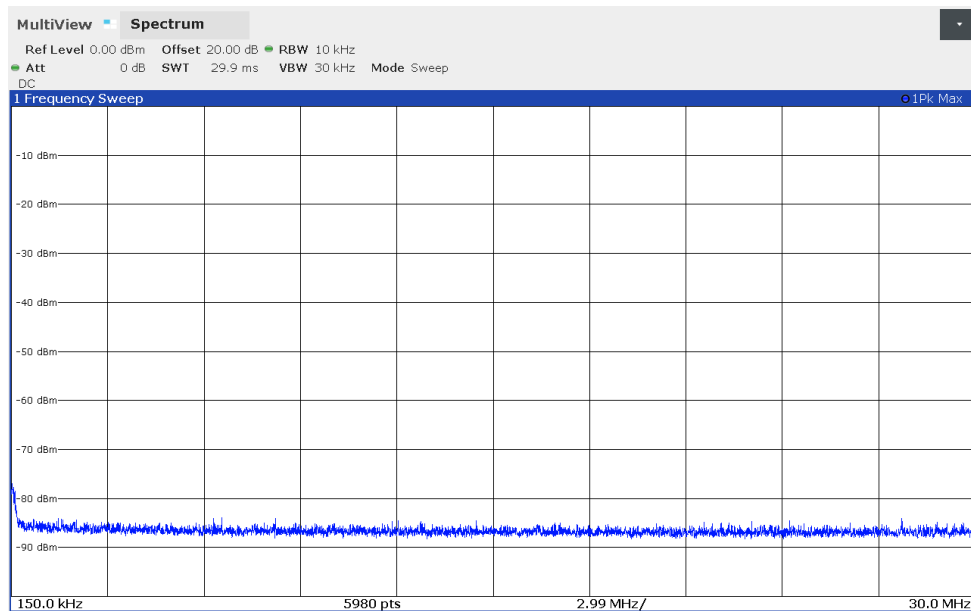


Annex A Measurement plots

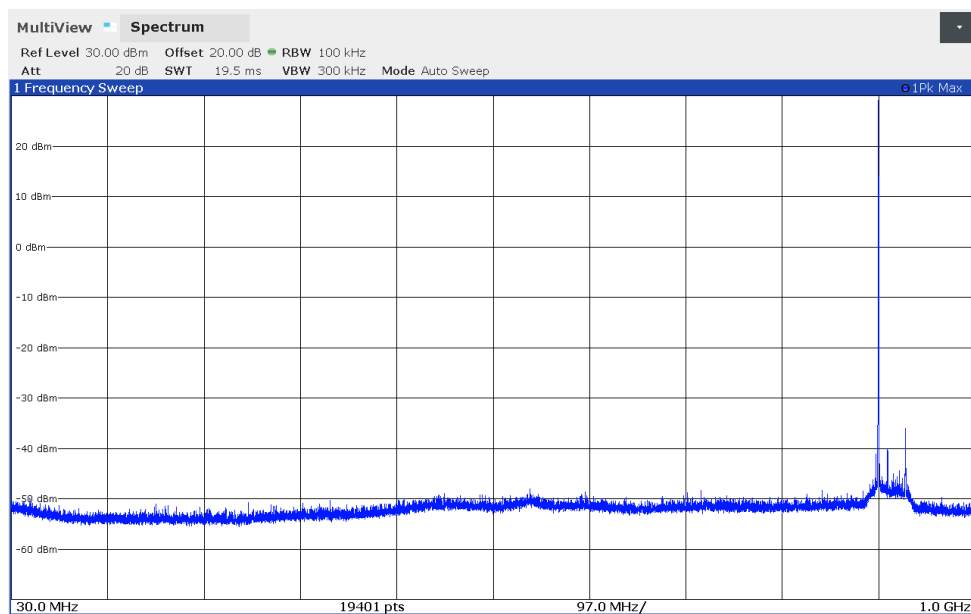
Conducted emissions on antenna port 1

Transmitter operates at the lower end of the assigned frequency band (operation mode 1)

192159 150k 30M 0 con: Conducted spurious emissions from 150 kHz to 30 MHz (operation mode 1):

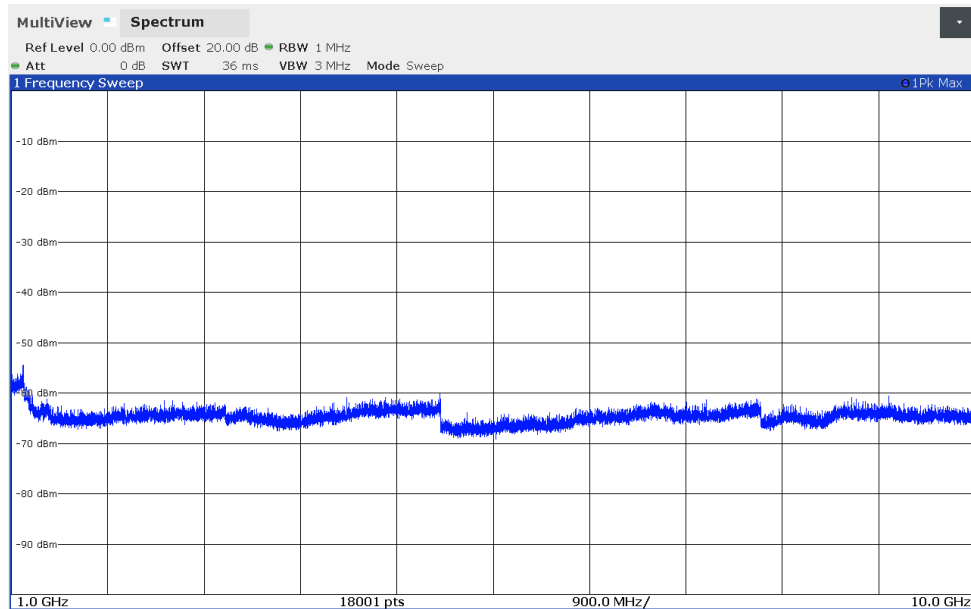


192159 30M 1G 0 con.wmf: Conducted spurious emissions from 30 MHz to 1 GHz (operation mode 1):



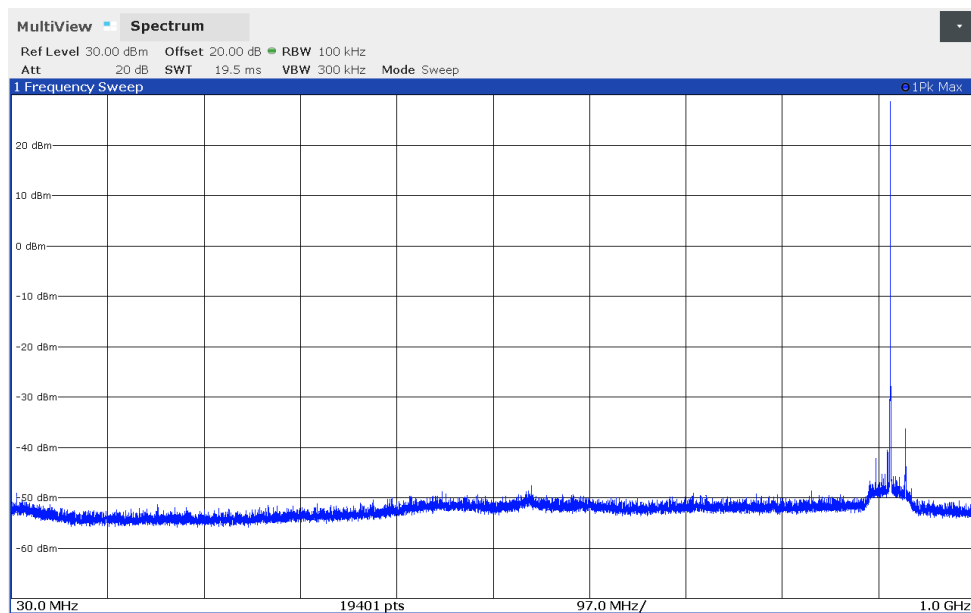
Annex A Measurement plots

190760 1G 10G 0 con.wmf: Conducted spurious emissions from 1 GHz to 10 GHz (operation mode 1):



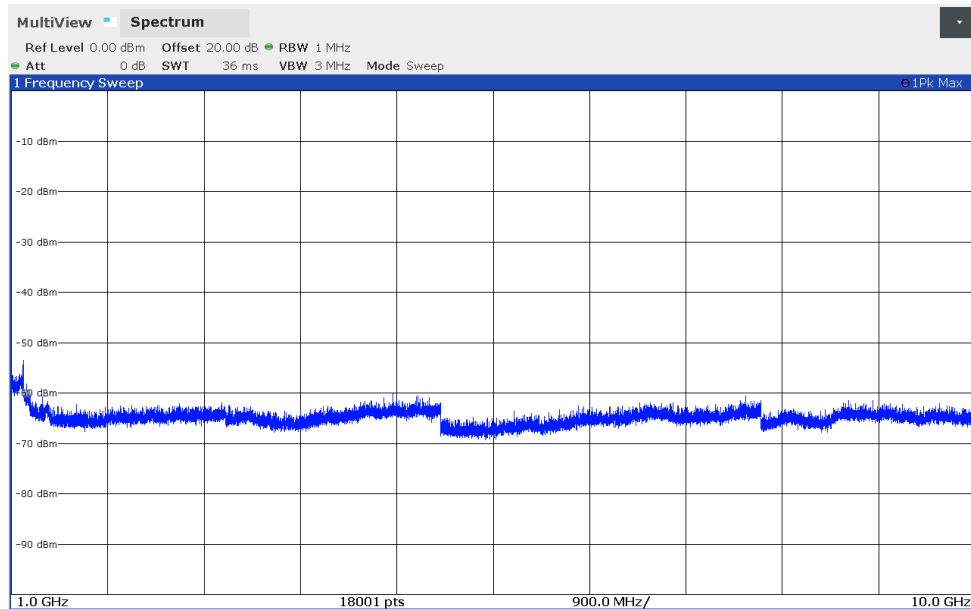
Transmitter operates at the middle of the assigned frequency band (operation mode 2)

192159 30M 1G 24 con.wmf: Conducted spurious emissions from 30 MHz to 1 GHz (operation mode 2):



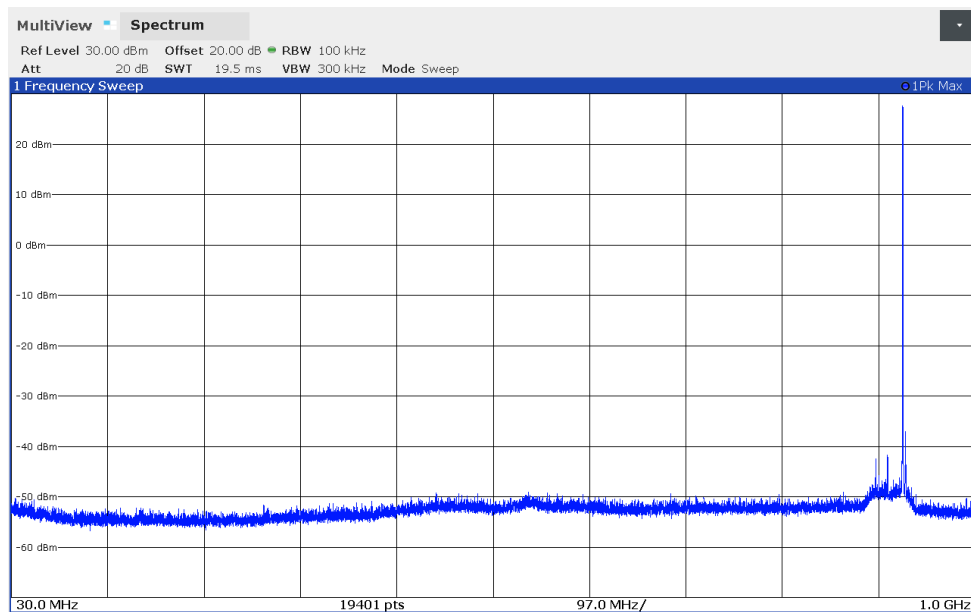
Annex A Measurement plots

190760 1G 10G 24 con.wmf: Conducted spurious emissions from 1 GHz to 10 GHz (operation mode 2):



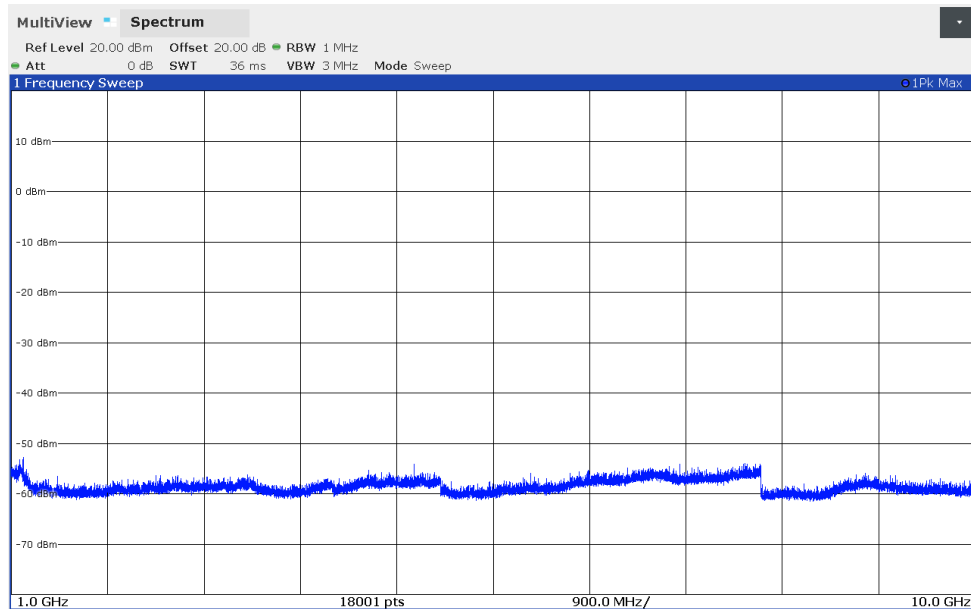
Transmitter operates at the upper end of the assigned frequency band (operation mode 3)

192159 30M 1G 49 con.wmf: Conducted spurious emissions from 30 MHz to 1 GHz (operation mode 3):



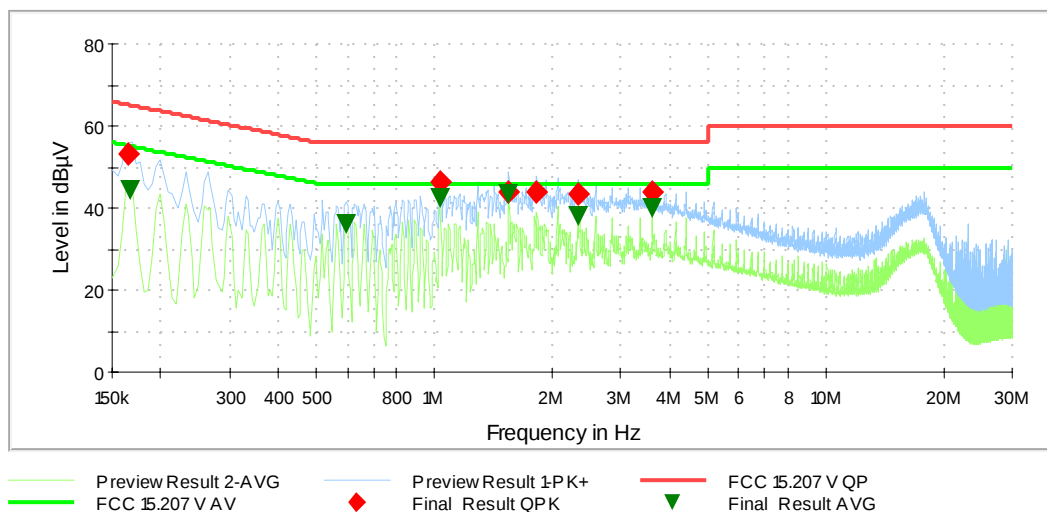
Annex A Measurement plots

190760_1G_10G_49_con.wmf: Conducted spurious emissions from 1 GHz to 10 GHz (operation mode 3):



Conducted emissions on power supply lines

EUT supplied via PoE



Annex A Measurement plots

EUT supplied with DC

