8.5.2 Test summary

Test date	May 16 & 17, 2022
Test engineer	Predrag Golic

8.5.3 Observations, settings and special notes

- The spectrum was searched from 30 MHz to the 10th harmonic per ANSI C63.26 Paragraph 5.5.3.2 method.
- RBW within 30–1000 MHz was 100 kHz and 1 MHz above 1 GHz. VBW was wider than RBW.
- Testing was performed with RF ports terminated with 50 Ohm load.
- **Testing was performed with dual band (Band 70, Band 70A and Band 66) simultaneous transmission.**

8.5.4 Test data

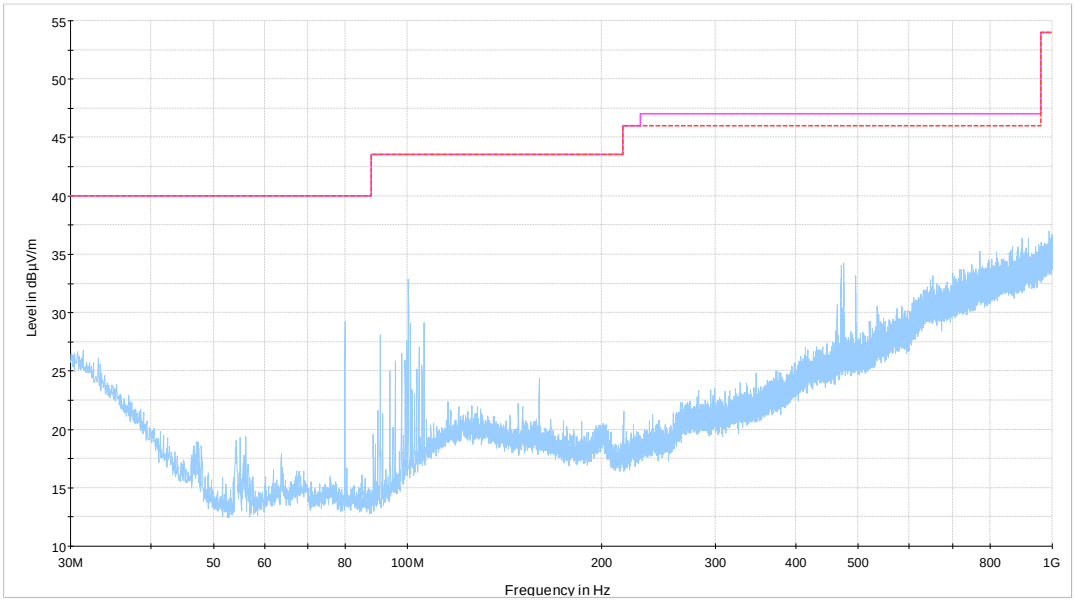
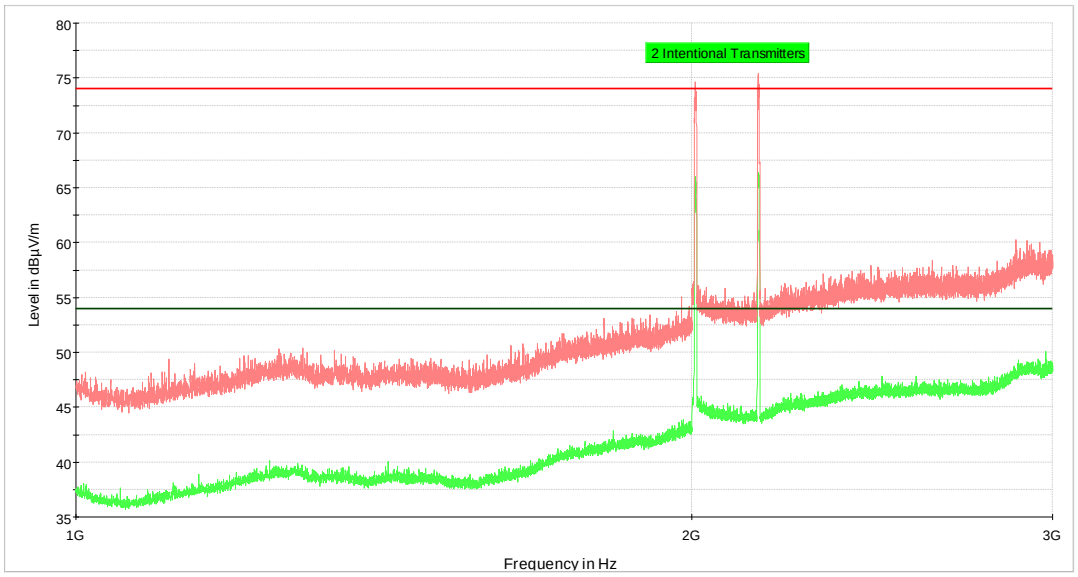


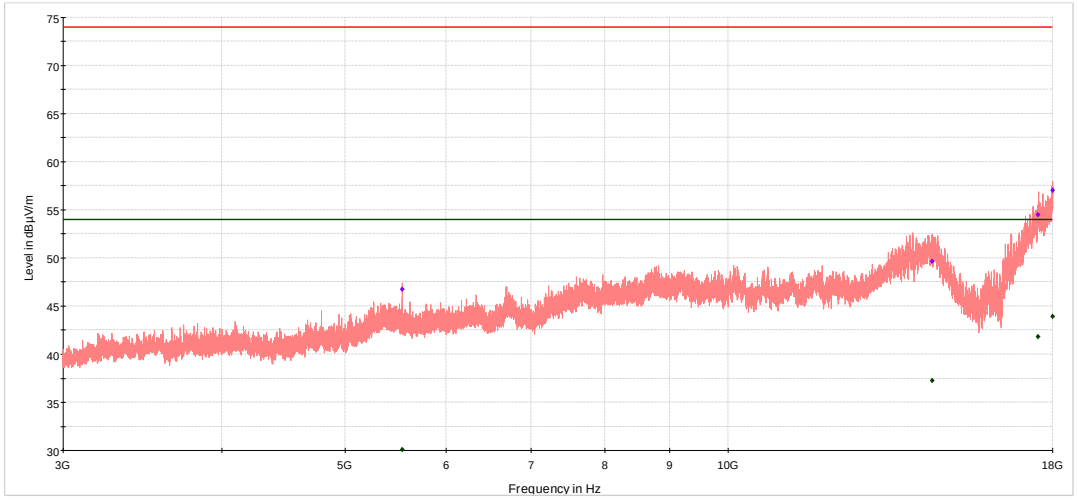
Figure 8.5-1: *Radiated spurious emissions within 30–1000 MHz, dual band multi-RAT operation (limit at 82.23 dBµV/m)*

Test data, continued



RE 1 GHz to 3 GHz [NR 5M middle B66 B70 SC]
AVG_MAXH
PK+_MAXH
FCC Part 15 and ICES-003 Limit - Class B, PK, 3 m
FCC Part 15 and ICES-003 Limit - Class B, Avg , 3 m

Figure 8.5-2: *Radiated spurious emissions within 1–3 GHz, dual band multi-RAT operation (limit at 82.23 dBµV/m)*



RE 3 GHz to 18 GHz NR 5M middle B66 B70 SC
Preview Result 1-PK+
FCC Part 15 and ICES-003 Limit - Class B, PK, 3 m
FCC Part 15 and ICES-003 Limit - Class B, Avg , 3 m
Final_Result PK+
Final_Result CAV

Figure 8.5-3: *Radiated spurious emissions within 3–18 GHz, dual band multi-RAT operation (limit at 82.23 dBµV/m)*

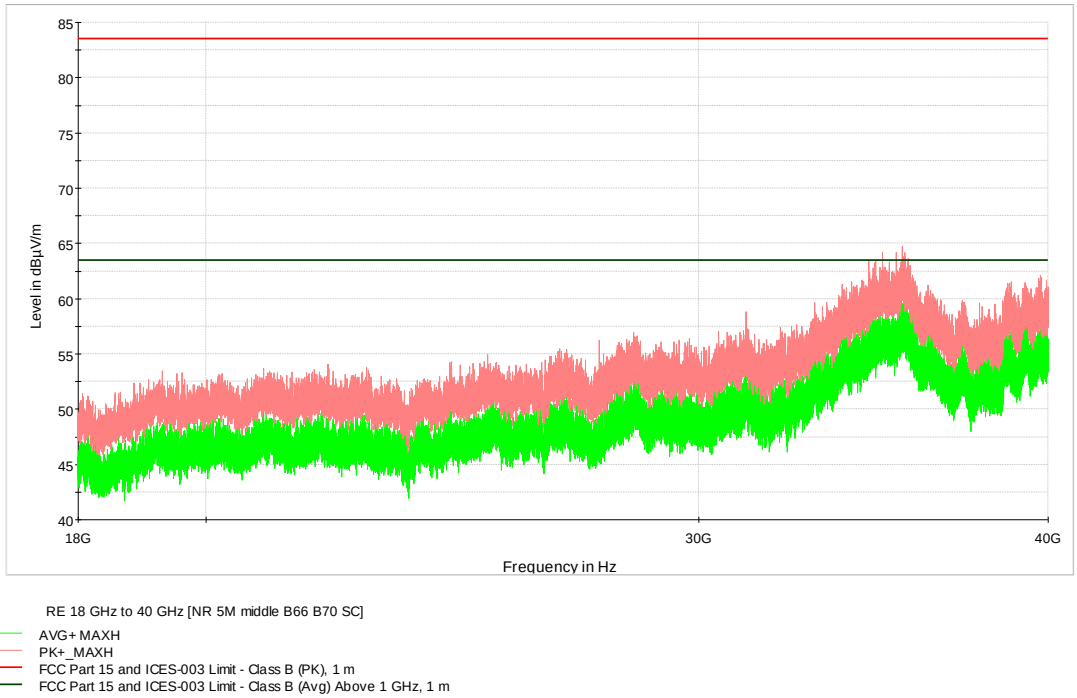


Figure 8.5-4: *Radiated spurious emissions within 18–22 GHz, dual band multi-RAT operation (limit at 82.23 dBµV/m)*

8.6 Spurious out-of-band emissions (Band 70)

8.6.1 Definitions and limits

FCC §27.53:
(h) AWS emission limits
(1) General protection levels. Except as otherwise specified below, for operations in the 1695–1710 MHz, 1710–1755 MHz, 1755–1780 MHz, 1915–1920 MHz, 1995–2000 MHz, 2000–2020 MHz, 2110–2155 MHz, 2155–2180 MHz, and 2180–2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}$ (P) dB.

(3) Measurement procedure.

(i) Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1-megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.
(ii) When measuring the emission limits, the nominal carrier frequency shall be adjusted as close to the licensee's frequency block edges, both upper and lower, as the design permits.
(iii) The measurements of emission power can be expressed in peak or average values, provided they are expressed in the same parameters as the transmitter power.

8.6.2 Test summary

Test date	June 3, 2022
Test engineer	Moustapha Salah Toubeh

8.6.3 Observations, settings and special notes

- The spectrum was searched from 30 MHz to the 10th harmonic.
- All measurements were performed using an average (RMS) detector per ANSI C63.26 Paragraph 5.7.2 method.
- Limit line ($43 + 10 \log_{10}$ (P) or −13 dBm) was adjusted for MIMO operation by 6 dB*: −13 dBm – 6 dB = −19 dBm
  *MIMO correction factor for 4 antenna ports: $10 \times \text{Log}_{10}(4) = 6$ dB
- RBW 1 MHz, VBW was wider than RBW.
- On the conducted spurious emissions plots “FAIL” levels belong to either fundamental frequency or band edges, which were re-measured further down in the report.

Note: for Multi-carrier configurations including X carriers in the band, X/2 carriers are located at the lowest edge of the band and X/2 carriers are located at the highest edge of the band.

8.6.4 Test data

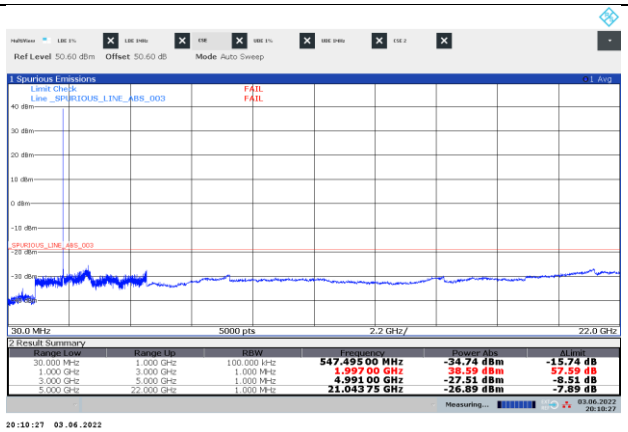


Figure 8.6-1: *Conducted spurious emissions of LTE 5 MHz low channel with IB-IoT1, single carrier operation*

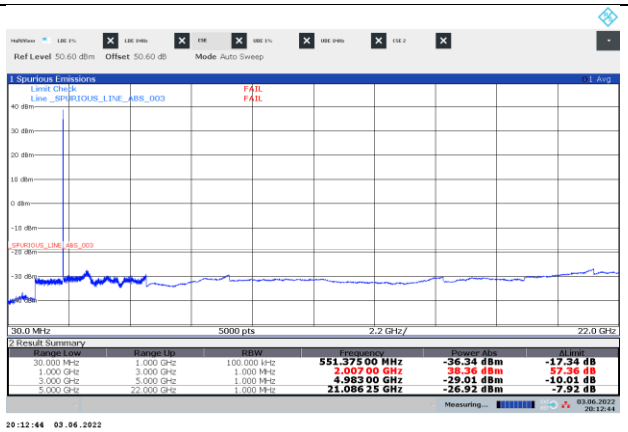


Figure 8.6-2: *Conducted spurious emissions of LTE 5 MHz mid channel with IB-IoT1, single carrier operation*

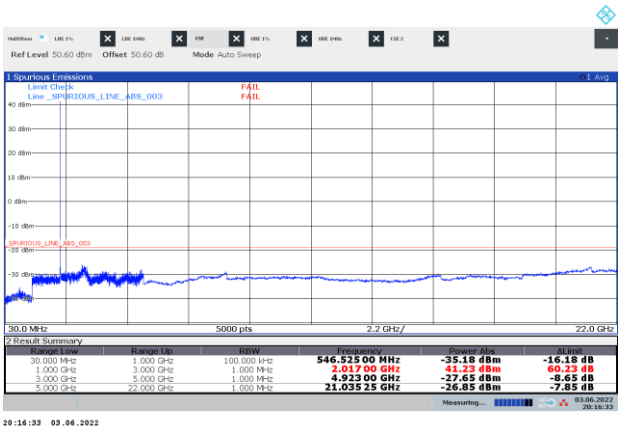


Figure 8.6-3: *Conducted spurious emissions of LTE 5 MHz top channel with IB-IoT1, single carrier operation*

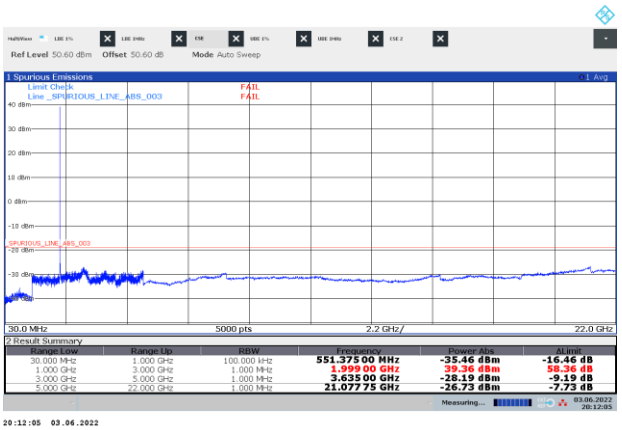


Figure 8.6-4: *Conducted spurious emissions of LTE 5 MHz low channel with IB-IoT2, single carrier operation*

Figure 8.6-5: *Conducted spurious emissions of LTE 5 MHz mid channel with IB-IoT2, single carrier operation*

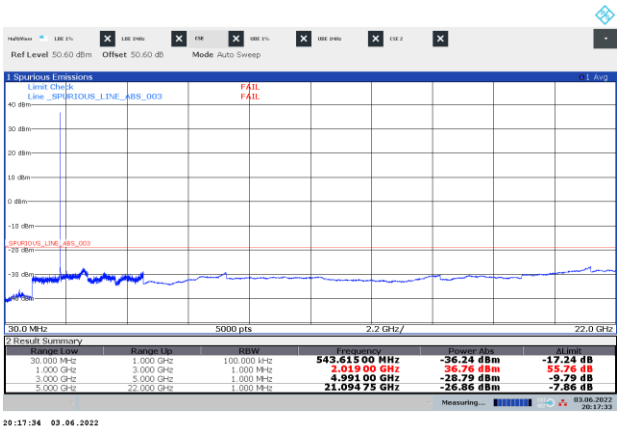


Figure 8.6-6: *Conducted spurious emissions of LTE 5 MHz top channel with IB-IoT2, single carrier operation*

Test data, continued

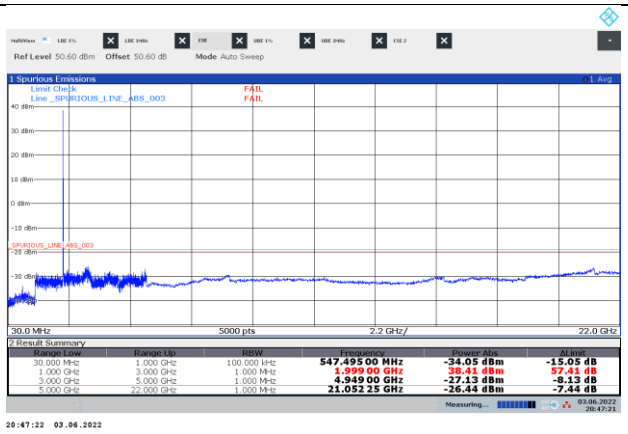


Figure 8.6-7: *Conducted spurious emissions of LTE 10 MHz low channel, single carrier operation*

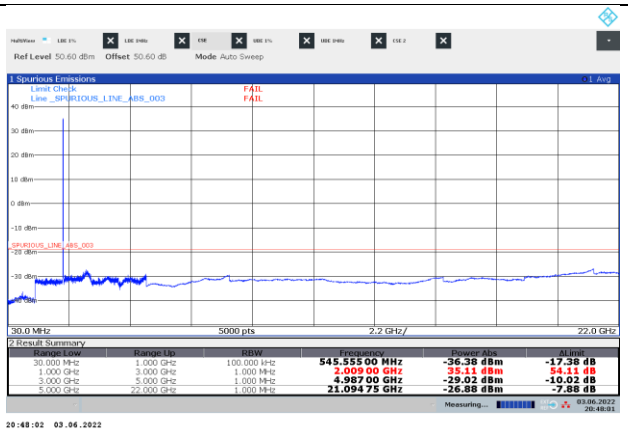


Figure 8.6-8: *Conducted spurious emissions of LTE 10 MHz mid channel, single carrier operation*

Figure 8.6-9: *Conducted spurious emissions of LTE 10 MHz top channel, single carrier operation*

Figure 8.6-10: *Conducted spurious emissions of LTE 15 MHz low channel, single carrier operation*

Figure 8.6-11: *Conducted spurious emissions of LTE 15 MHz mid channel, single carrier operation*

Figure 8.6-12: *Conducted spurious emissions of LTE 15 MHz top channel, single carrier operation*

Test data, continued

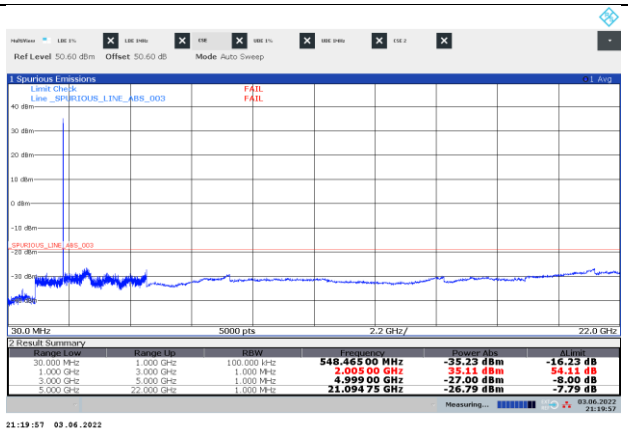


Figure 8.6-13: *Conducted spurious emissions of LTE 20 MHz low channel, single carrier operation*

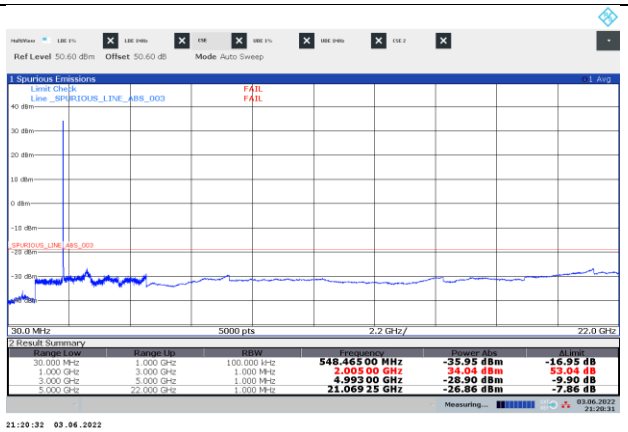


Figure 8.6-14: *Conducted spurious emissions of LTE 20 MHz mid channel, single carrier operation*

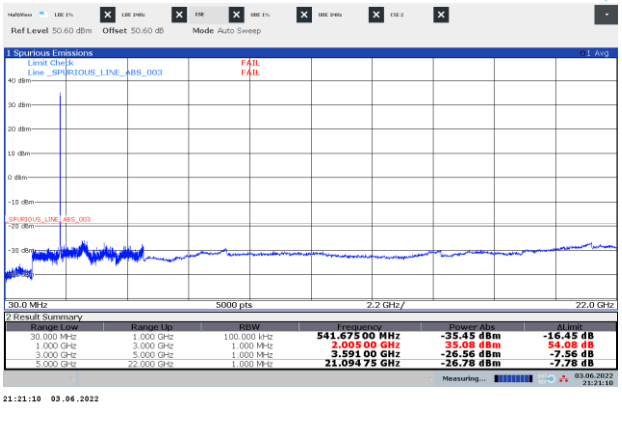


Figure 8.6-15: *Conducted spurious emissions of LTE 20 MHz top channel, single carrier operation*

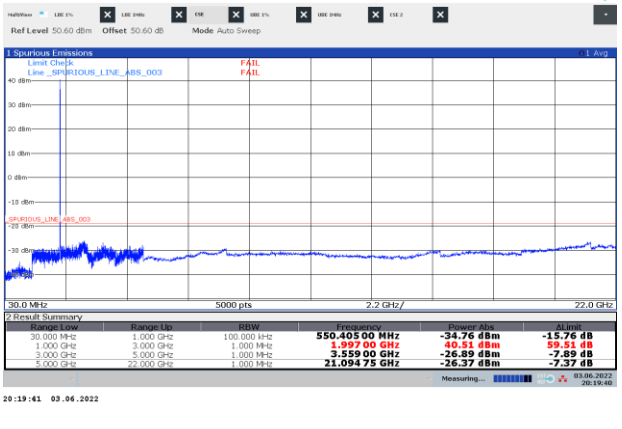


Figure 8.6-16: *Conducted spurious emissions of LTE 5 MHz, two-carrier operation*

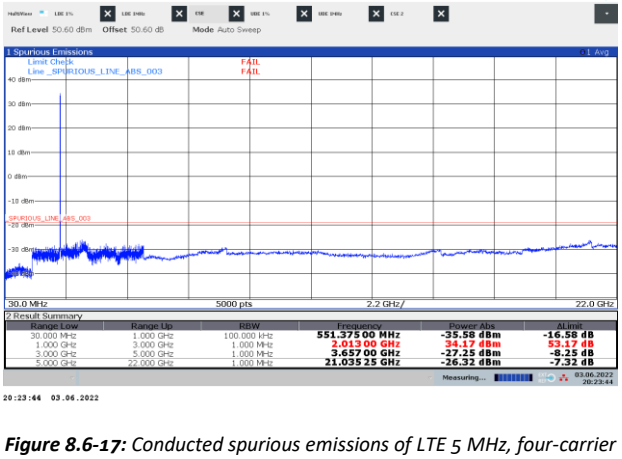


Figure 8.6-17: *Conducted spurious emissions of LTE 5 MHz, four-carrier operation*

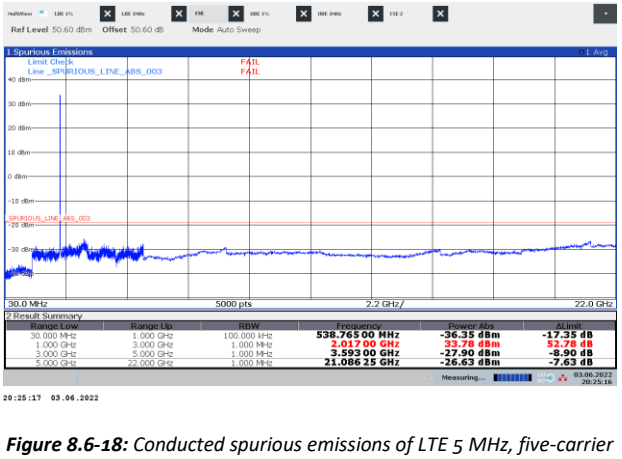


Figure 8.6-18: *Conducted spurious emissions of LTE 5 MHz, five-carrier operation*

Test data, continued

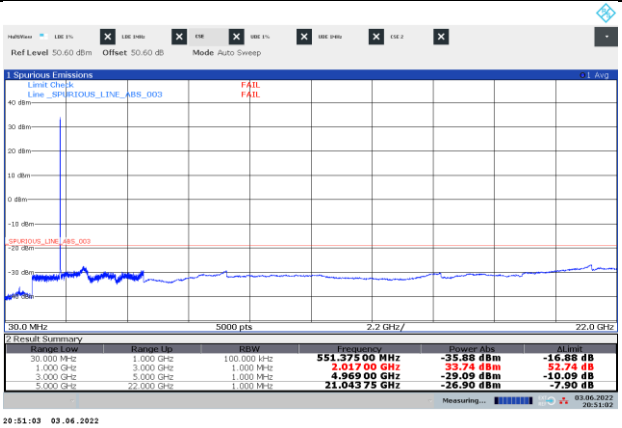


Figure 8.6-19: *Conducted spurious emissions of LTE 10 MHz, two-carrier operation*

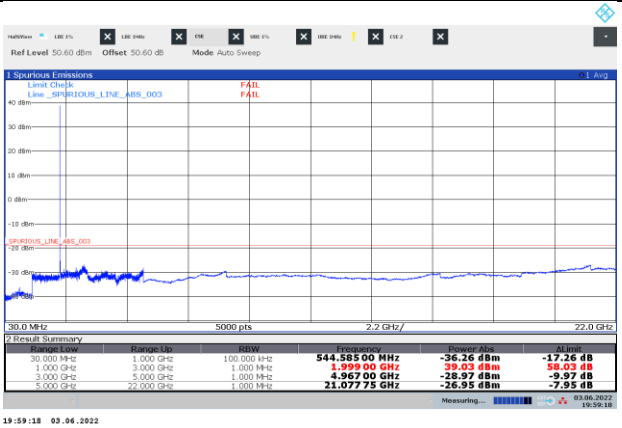


Figure 8.6-20: *Conducted spurious emissions of NR5 MHz low channel, single carrier operation*

Figure 8.6-21: *Conducted spurious emissions of NR5 MHz mid channel, single carrier operation*

Figure 8.6-22: *Conducted spurious emissions of NR5 MHz top channel, single carrier operation*

Figure 8.6-23: *Conducted spurious emissions of NR10 MHz low channel, single carrier operation*

Figure 8.6-24: *Conducted spurious emissions of NR10 MHz mid channel, single carrier operation*

Test data, continued

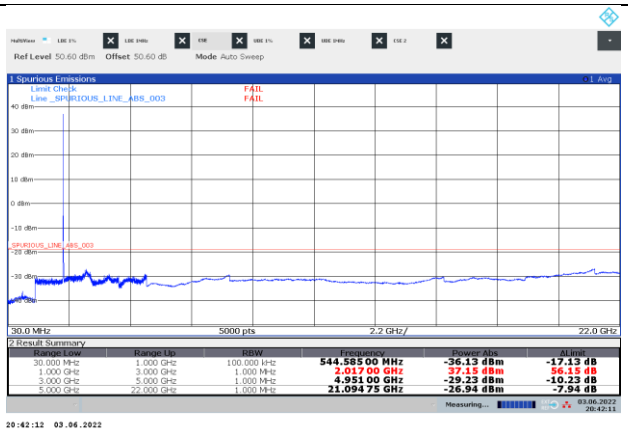


Figure 8.6-25: *Conducted spurious emissions of NR10 MHz top channel, single carrier operation*

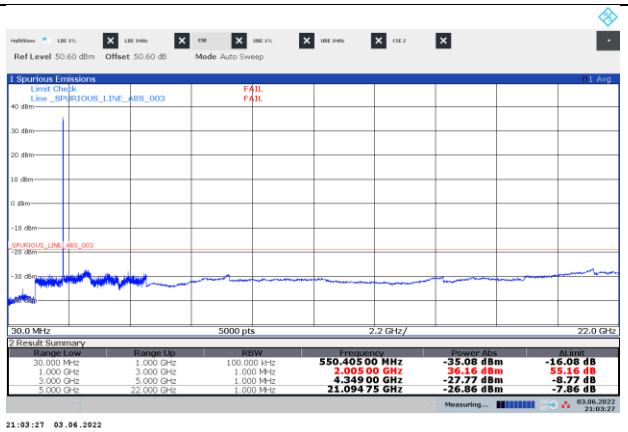


Figure 8.6-26: *Conducted spurious emissions of NR15 MHz low channel, single carrier operation*

Figure 8.6-27: *Conducted spurious emissions of NR15 MHz mid channel, single carrier operation*

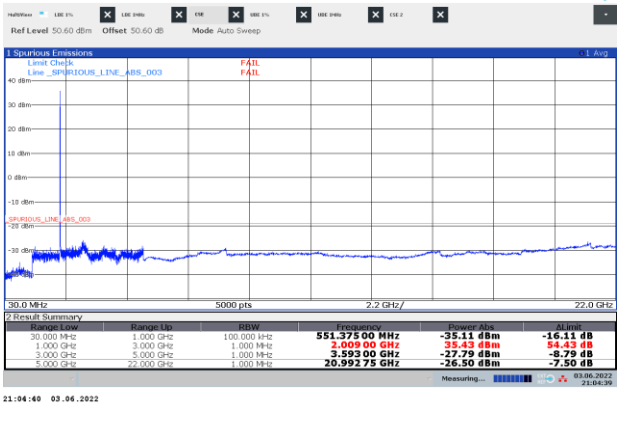


Figure 8.6-28: *Conducted spurious emissions of NR15 MHz top channel, single carrier operation*

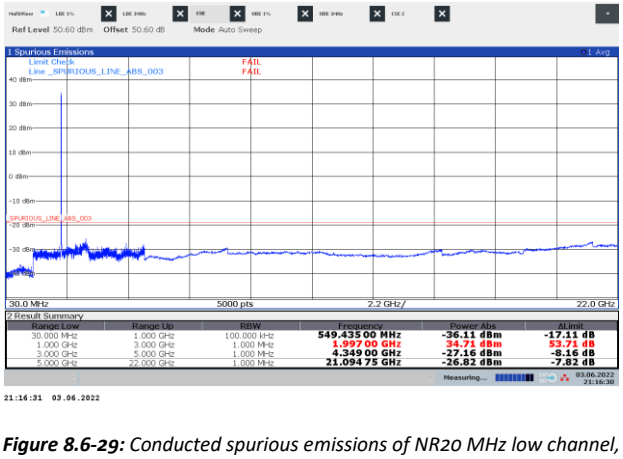


Figure 8.6-29: *Conducted spurious emissions of NR20 MHz low channel, single carrier operation*

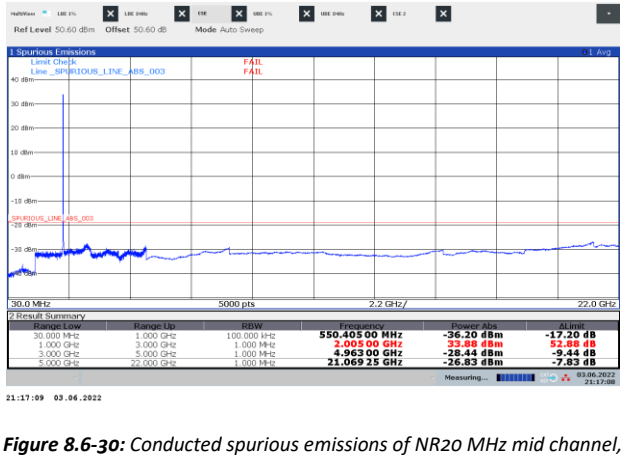


Figure 8.6-30: *Conducted spurious emissions of NR20 MHz mid channel, single carrier operation*

Test data, continued

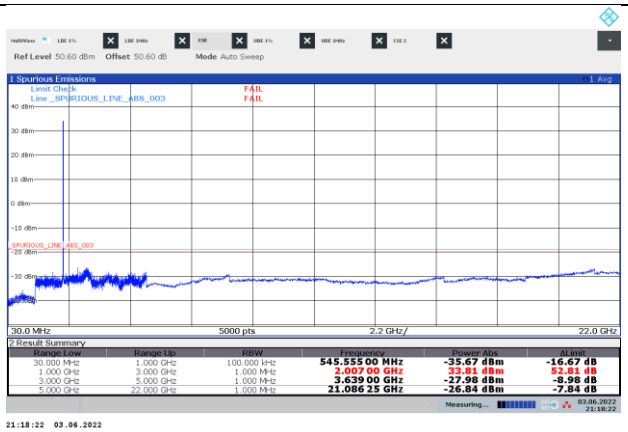


Figure 8.6-31: *Conducted spurious emissions of NR20 MHz top channel, single carrier operation*

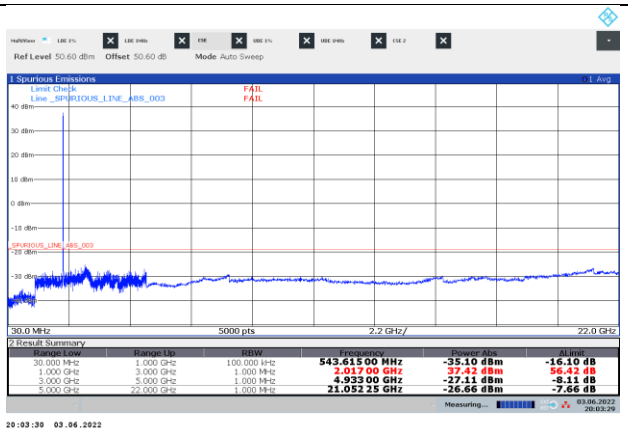


Figure 8.6-32: *Conducted spurious emissions of NR 5 MHz, two-carrier operation*

Figure 8.6-33: *Conducted spurious emissions of NR 5 MHz, three-carrier operation*

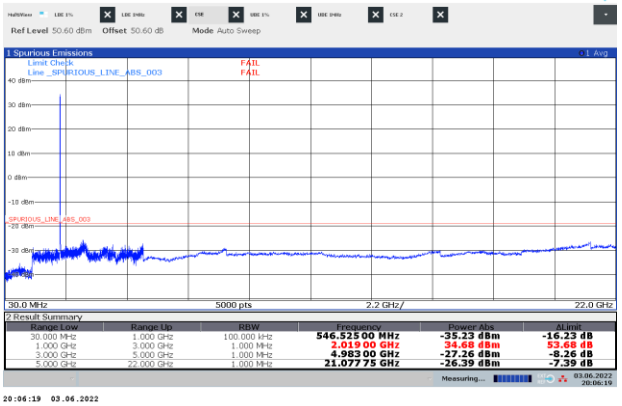


Figure 8.6-34: *Conducted spurious emissions of NR 5 MHz, four-carrier operation*

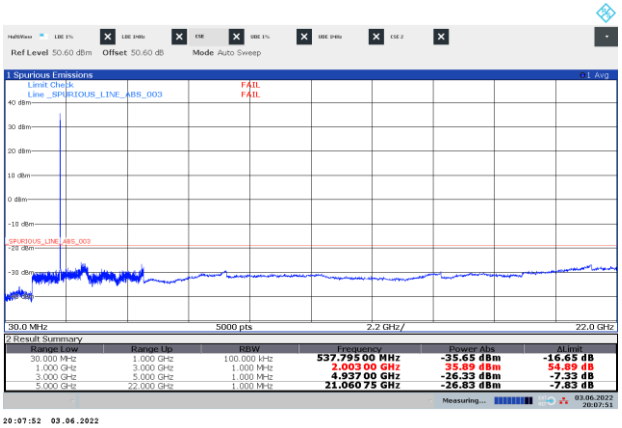


Figure 8.6-35: *Conducted spurious emissions of NR 5 MHz, five-carrier operation*

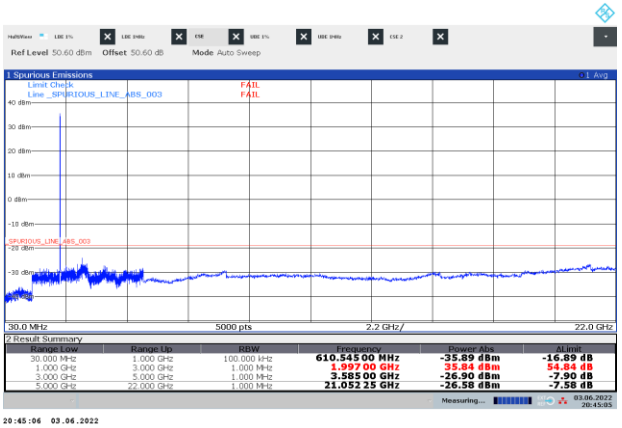


Figure 8.6-36: *Conducted spurious emissions of NR 10 MHz, two-carrier operation*

Test data, continued

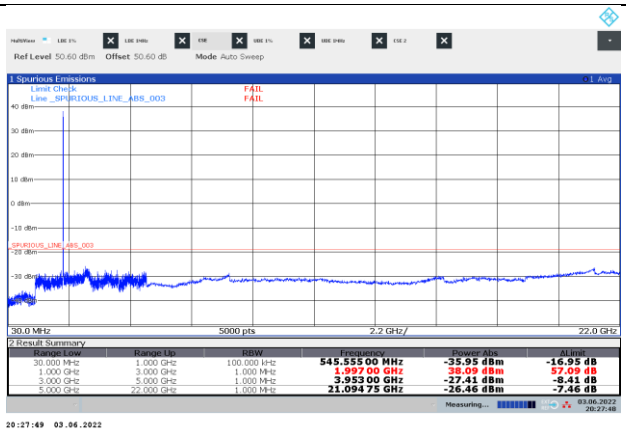


Figure 8.6-37: *Conducted spurious emissions of multi-RAT operation, 1xLTE 5 MHz and 1xNR 5 MHz, two-carrier operation*

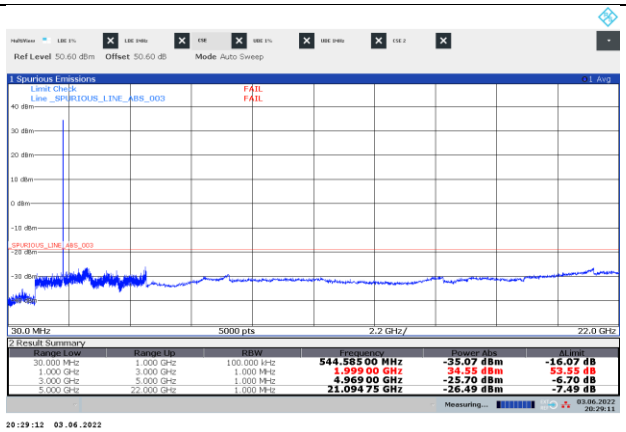


Figure 8.6-38: *Conducted spurious emissions of multi-RAT operation, 2xLTE 5 MHz and 2xNR 5 MHz, four-carrier operation*

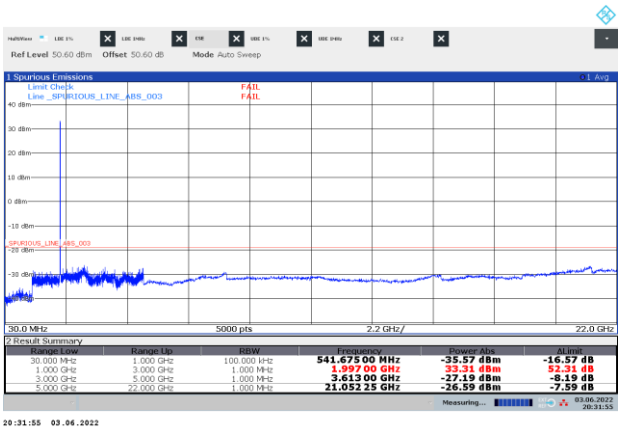


Figure 8.6-39: *Conducted spurious emissions of multi-RAT operation, 3xLTE 5 MHz and 2xNR 5 MHz, five carrier operation*

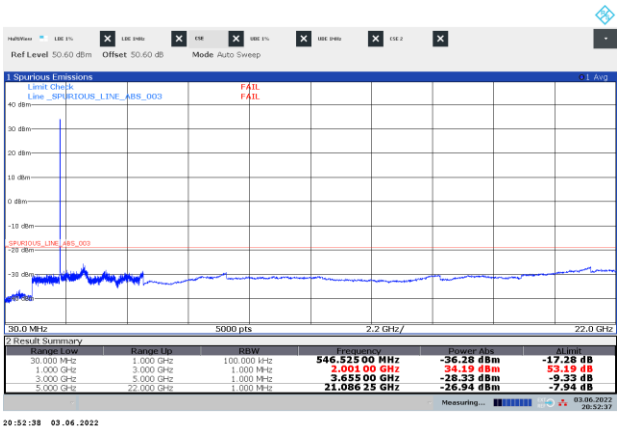


Figure 8.6-40: *Conducted spurious emissions of multi-RAT operation, 1xLTE 10 MHz and 1xNR 10 MHz, two-carrier operation*

Test data, continued

On the plots below the measured *Tx1 (Ref)* value in the "Power" column must be −19 dBm and lower.

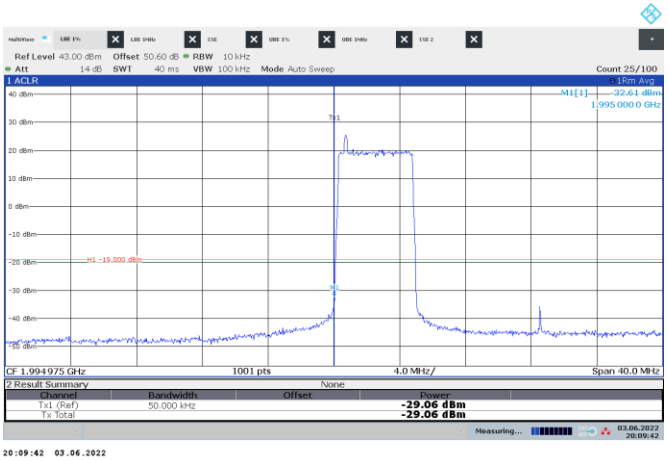


Figure 8.6-41: *Conducted emission at the lower band edge*

Frequency:	*1995 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*LTE 5 MHz with IB-IoT1*
Limit:	*−19 dBm/50 kHz*	*Notes:*	*None*

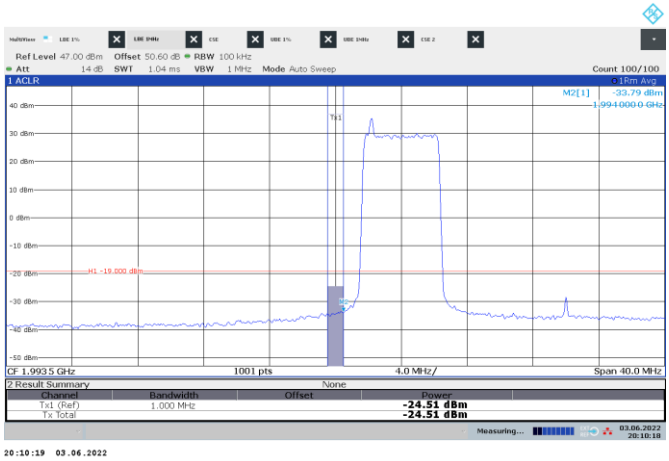


Figure 8.6-42: *Conducted emission 1 MHz away from the lower band edge*

Frequency:	*1994 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*LTE 5 MHz with IB-IoT1*
Limit:	*−19 dBm/MHz*	*Notes:*	*None*

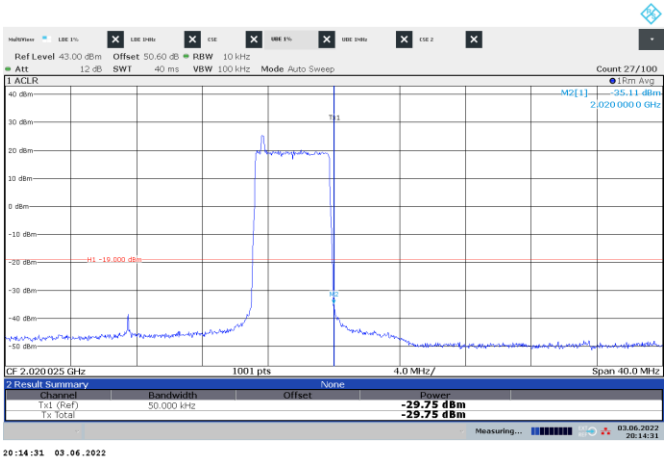


Figure 8.6-43: *Conducted emission at the upper band edge*

Frequency:	*2020 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*LTE 5 MHz with IB-IoT1*
Limit:	*−19 dBm/50 kHz*	*Notes:*	*None*

Figure 8.6-44: *Conducted emission 1 MHz away from the upper band edge*

Frequency:	*2021 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*LTE 5 MHz with IB-IoT1*
Limit:	*−19 dBm/MHz*	*Notes:*	*None*

Test data, continued

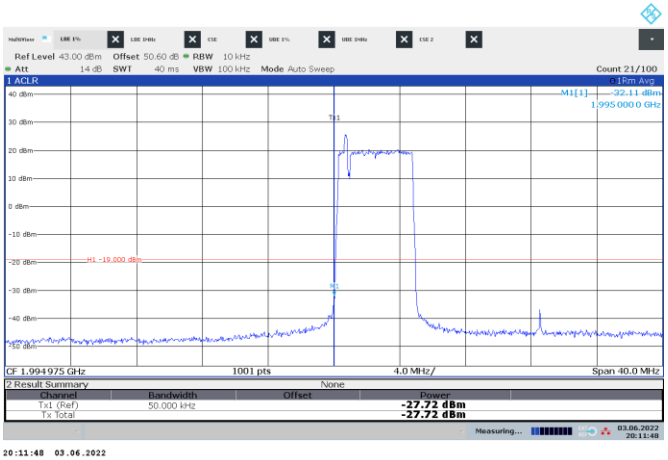


Figure 8.6-45: *Conducted emission at the lower band edge*

Frequency:	*1995 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*LTE 5 MHz with IB-IoT2*
Limit:	*−19 dBm/50 kHz*	*Notes:*	*None*

Figure 8.6-46: *Conducted emission 1 MHz away from the lower band edge*

Frequency:	*1994 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*LTE 5 MHz with IB-IoT2*
Limit:	*−19 dBm/MHz*	*Notes:*	*None*

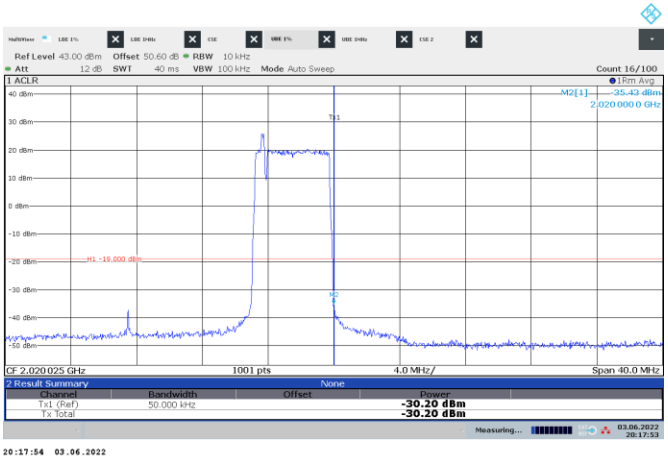


Figure 8.6-47: *Conducted emission at the upper band edge*

Frequency:	*2020 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*LTE 5 MHz with IB-IoT2*
Limit:	*−19 dBm/50 kHz*	*Notes:*	*None*

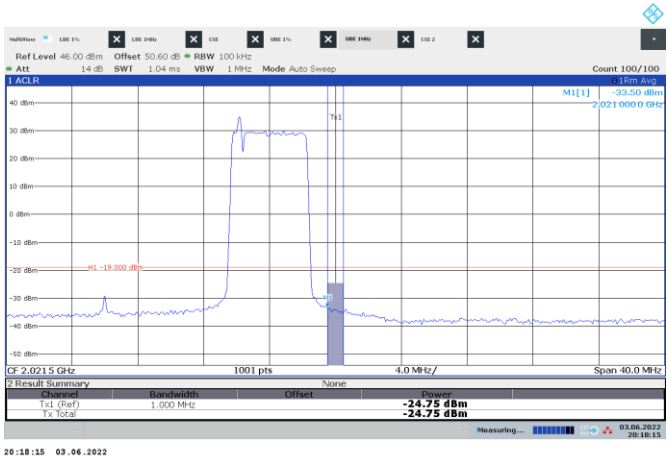


Figure 8.6-48: *Conducted emission 1 MHz away from the upper band edge*

Frequency:	*2021 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*LTE 5 MHz with IB-IoT2*
Limit:	*−19 dBm/MHz*	*Notes:*	*None*

Test data, continued

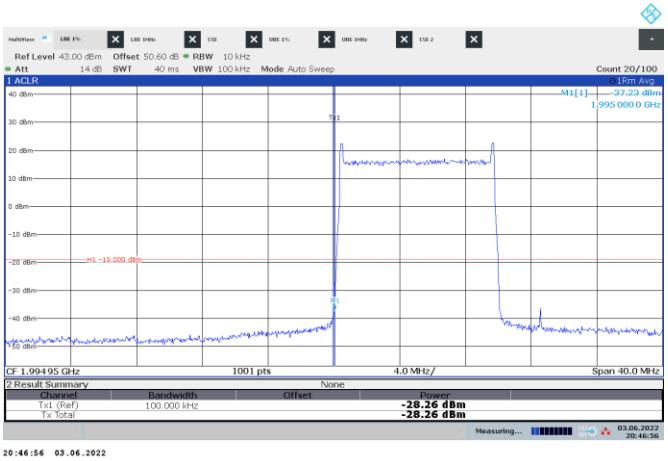


Figure 8.6-49: *Conducted emission at the lower band edge*

Frequency:	*1995 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*LTE 10 MHz with IoT*
Limit:	*−19 dBm/100 kHz*	*Notes:*	*None*

Figure 8.6-50: *Conducted emission 1 MHz away from the lower band edge*

Frequency:	*1994 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*LTE 10 MHz with IoT*
Limit:	*−19 dBm/MHz*	*Notes:*	*None*

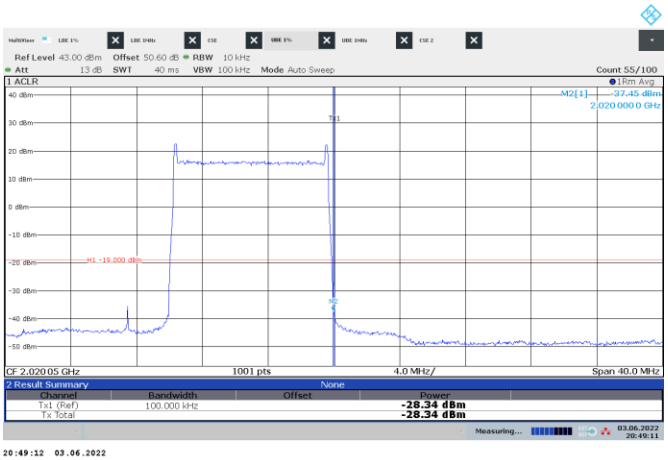


Figure 8.6-51: *Conducted emission at the upper band edge*

Frequency:	*2020 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*LTE 10 MHz with IoT*
Limit:	*−19 dBm/100 kHz*	*Notes:*	*None*

Figure 8.6-52: *Conducted emission 1 MHz away from the upper band edge*

Frequency:	*2021 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*LTE 10 MHz with IoT*
Limit:	*−19 dBm/MHz*	*Notes:*	*None*

Test data, continued

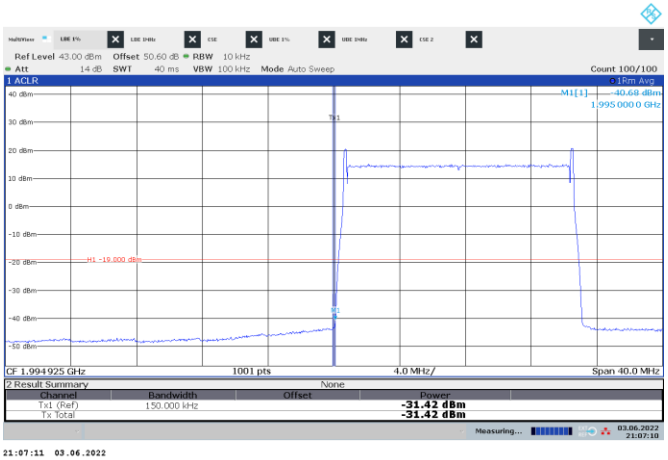


Figure 8.6-53: *Conducted emission at the lower band edge*

Frequency: *1995 MHz* *Mode:* *Single-carrier operation*
Meas. BW: *1% of EBW* *Tech.:* *LTE 15 MHz with IoT*
Limit: *−19 dBm/150 kHz* *Notes:* *None*

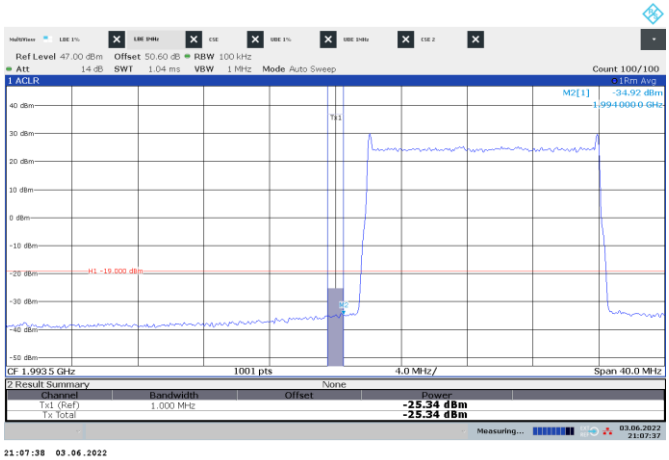


Figure 8.6-54: *Conducted emission 1 MHz away from the lower band edge*

Frequency: *1994 MHz* *Mode:* *Single-carrier operation*
Meas. BW: *1 MHz* *Tech.:* *LTE 15 MHz with IoT*
Limit: *−19 dBm/MHz* *Notes:* *None*

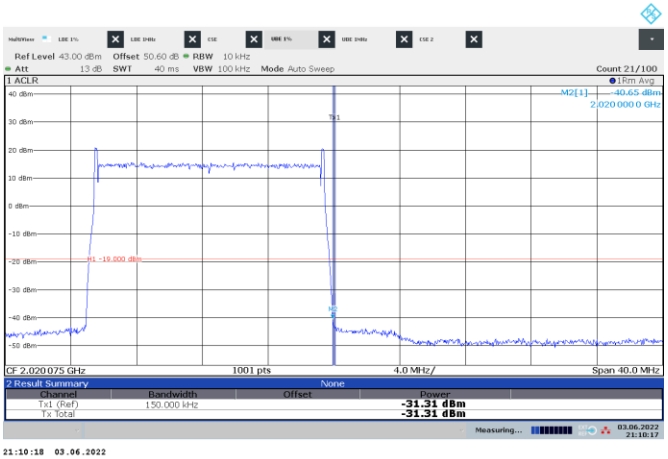


Figure 8.6-55: *Conducted emission at the upper band edge*

Frequency: *2020 MHz* *Mode:* *Single-carrier operation*
Meas. BW: *1% of EBW* *Tech.:* *LTE 15 MHz with IoT*
Limit: *−19 dBm/150 kHz* *Notes:* *None*

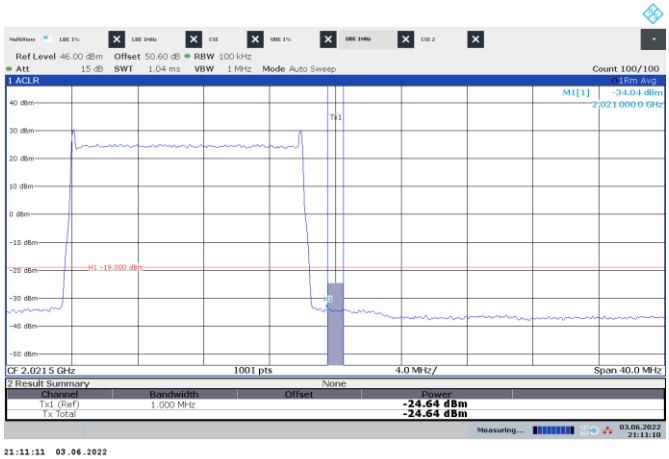


Figure 8.6-56: *Conducted emission 1 MHz away from the upper band edge*

Frequency: *2021 MHz* *Mode:* *Single-carrier operation*
Meas. BW: *1 MHz* *Tech.:* *LTE 15 MHz with IoT*
Limit: *−19 dBm/MHz* *Notes:* *None*

Test data, continued

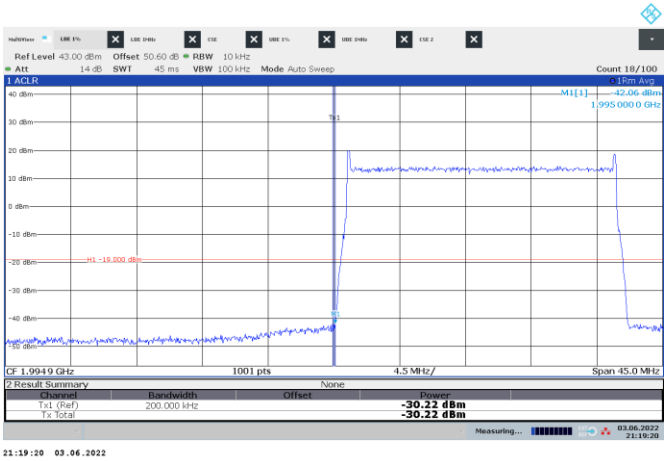


Figure 8.6-57: *Conducted emission at the lower band edge*

Frequency:	*1995 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*LTE 20 MHz with IoT*
Limit:	*−19 dBm/200 kHz*	*Notes:*	*None*

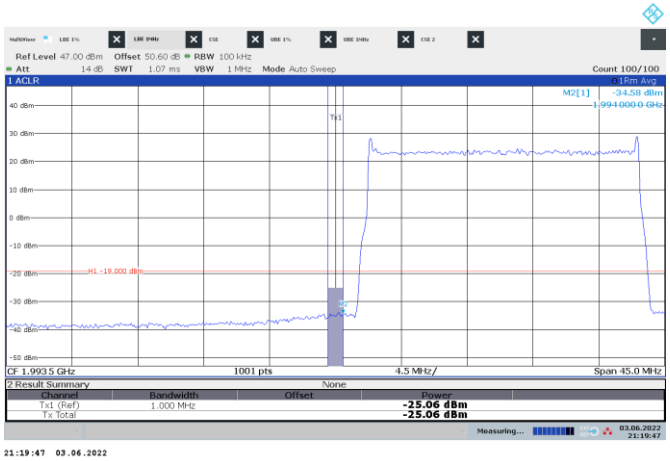


Figure 8.6-58: *Conducted emission 1 MHz away from the lower band edge*

Frequency:	*1994 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*LTE 20 MHz with IoT*
Limit:	*−19 dBm/MHz*	*Notes:*	*None*

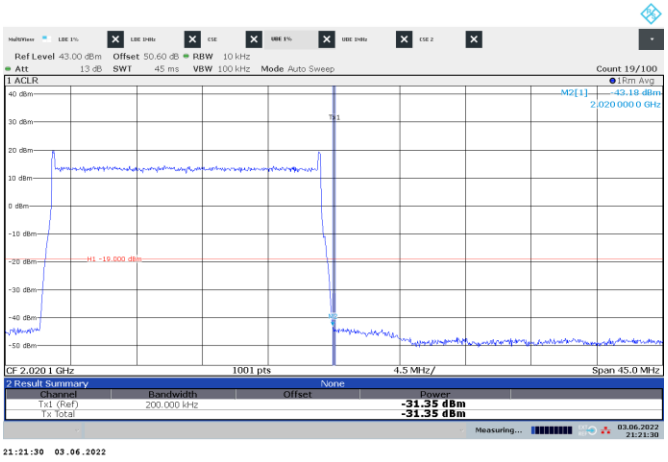


Figure 8.6-59: *Conducted emission at the upper band edge*

Frequency:	*2020 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*LTE 20 MHz with IoT*
Limit:	*−19 dBm/200 kHz*	*Notes:*	*None*

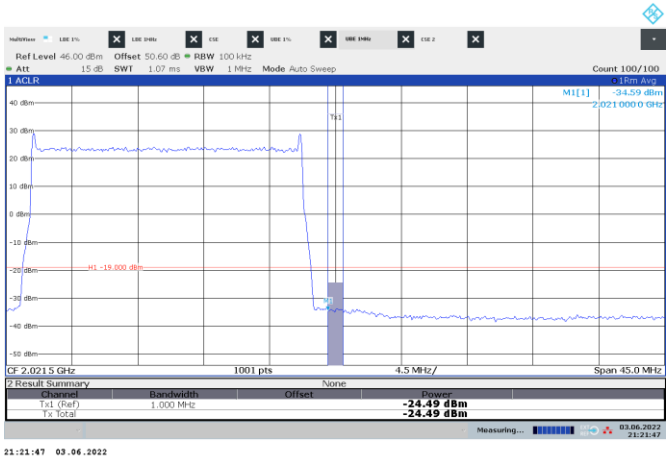


Figure 8.6-60: *Conducted emission 1 MHz away from the upper band edge*

Frequency:	*2021 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*LTE 20 MHz with IoT*
Limit:	*−19 dBm/MHz*	*Notes:*	*None*

Test data, continued

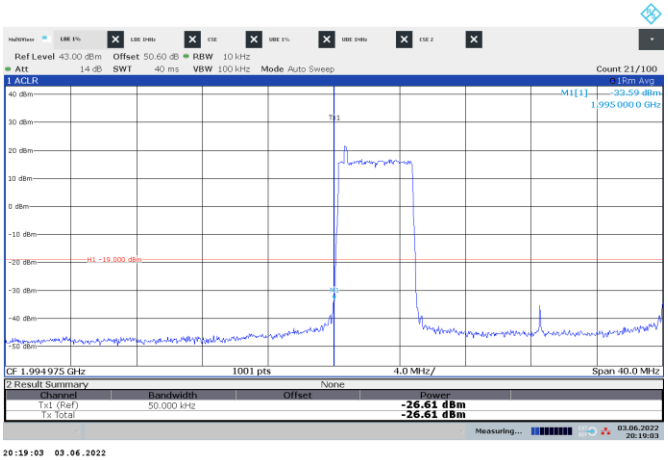


Figure 8.6-61: *Conducted emission at the lower band edge*

Frequency:	*1995 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*2 × LTE 5 MHz with IoT*
Limit:	*−19 dBm/50 kHz*	*Notes:*	*None*

Figure 8.6-62: *Conducted emission 1 MHz away from the lower band edge*

Frequency:	*1994 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*2 × LTE 5 MHz with IoT*
Limit:	*−19 dBm/MHz*	*Notes:*	*None*

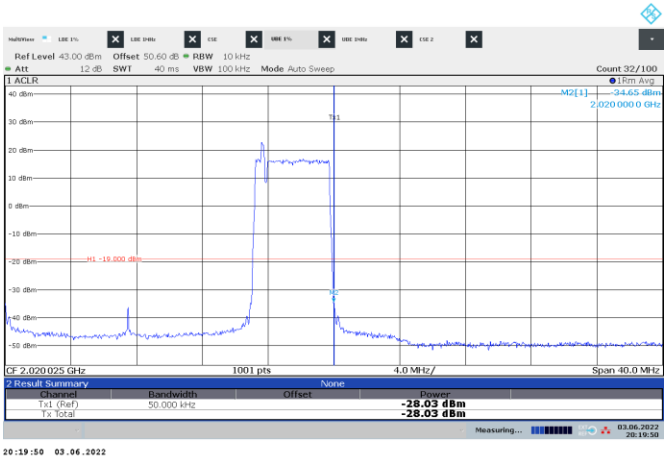


Figure 8.6-63: *Conducted emission at the upper band edge*

Frequency:	*2020 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*2 × LTE 5 MHz with IoT*
Limit:	*−19 dBm/50 kHz*	*Notes:*	*None*

Figure 8.6-64: *Conducted emission 1 MHz away from the upper band edge*

Frequency:	*2021 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*2 × LTE 5 MHz with IoT*
Limit:	*−19 dBm/MHz*	*Notes:*	*None*

Test data, continued

Figure 8.6-65: *Conducted emission at the lower band edge*

Frequency:	*1995 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*4 × LTE 5 MHz with IoT*
Limit:	*−19 dBm/50 kHz*	*Notes:*	*None*

Figure 8.6-66: *Conducted emission 1 MHz away from the lower band edge*

Frequency:	*1994 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*4 × LTE 5 MHz with IoT*
Limit:	*−19 dBm/MHz*	*Notes:*	*None*

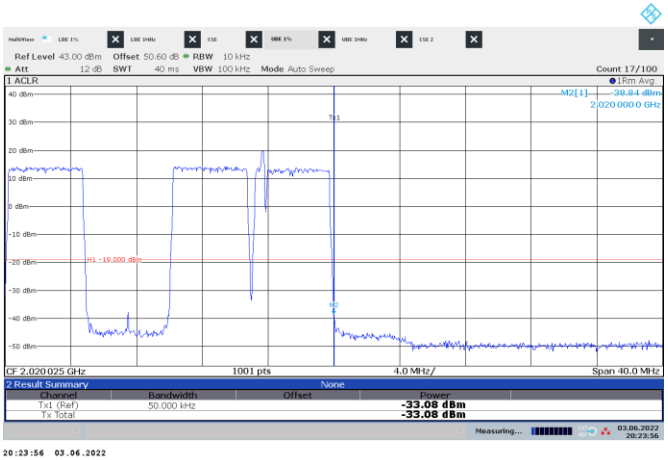


Figure 8.6-67: *Conducted emission at the upper band edge*

Frequency:	*2020 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*4 × LTE 5 MHz with IoT*
Limit:	*−19 dBm/50 kHz*	*Notes:*	*None*

Figure 8.6-68: *Conducted emission 1 MHz away from the upper band edge*

Frequency:	*2021 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*4 × LTE 5 MHz with IoT*
Limit:	*−19 dBm/MHz*	*Notes:*	*None*

Test data, continued

Figure 8.6-69: *Conducted emission at the lower band edge*

Frequency:	*1995 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*5 × LTE 5 MHz with IoT*
Limit:	*−19 dBm/50 kHz*	*Notes:*	*None*

Figure 8.6-70: *Conducted emission 1 MHz away from the lower band edge*

Frequency:	*1994 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*5 × LTE 5 MHz with IoT*
Limit:	*−19 dBm/MHz*	*Notes:*	*None*

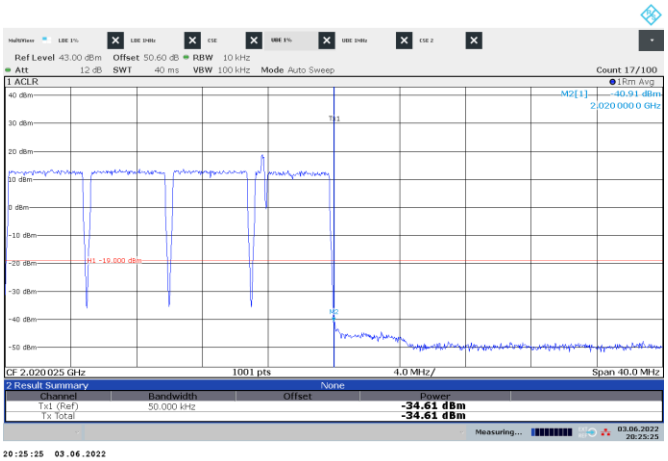


Figure 8.6-71: *Conducted emission at the upper band edge*

Frequency:	*2020 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*5 × LTE 5 MHz with IoT*
Limit:	*−19 dBm/50 kHz*	*Notes:*	*None*

Figure 8.6-72: *Conducted emission 1 MHz away from the upper band edge*

Frequency:	*2021 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*5 × LTE 5 MHz with IoT*
Limit:	*−19 dBm/MHz*	*Notes:*	*None*

Test data, continued

Figure 8.6-73: *Conducted emission at the lower band edge*

Frequency:	*1995 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*2 × LTE 10 MHz with IoT*
Limit:	*–19 dBm/150 kHz*	*Notes:*	*None*

Figure 8.6-74: *Conducted emission 1 MHz away from the lower band edge*

Frequency:	*1994 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*2 × LTE 10 MHz with IoT*
Limit:	*–19 dBm/MHz*	*Notes:*	*None*

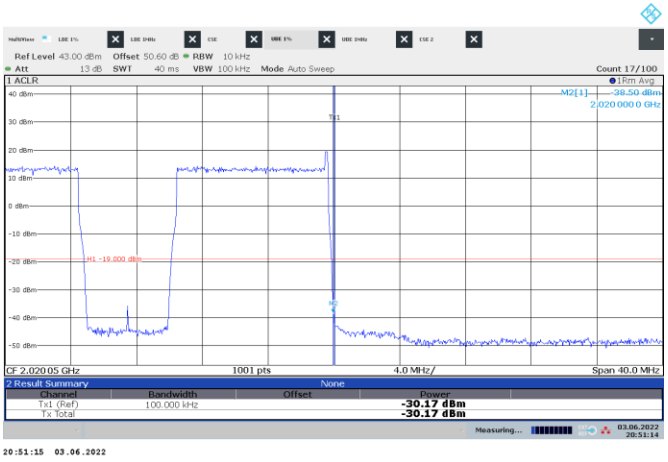


Figure 8.6-75: *Conducted emission at the upper band edge*

Frequency:	*2020 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*2 × LTE 10 MHz with IoT*
Limit:	*–19 dBm/150 kHz*	*Notes:*	*None*

Figure 8.6-76: *Conducted emission 1 MHz away from the upper band edge*

Frequency:	*2021 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*2 × LTE 10 MHz with IoT*
Limit:	*–19 dBm/MHz*	*Notes:*	*None*

Test data, continued

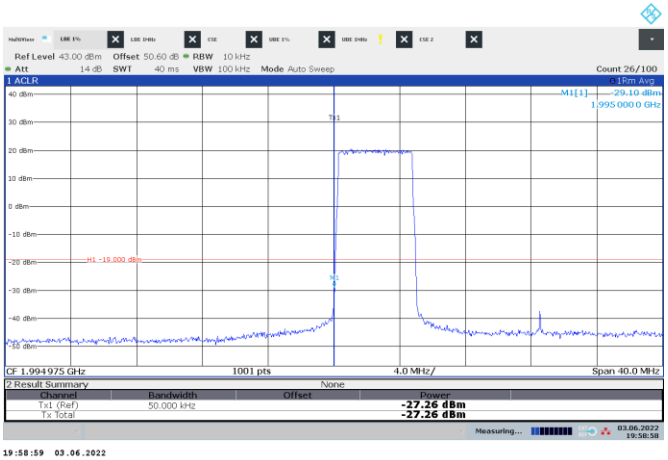


Figure 8.6-77: *Conducted emission at the lower band edge*

Frequency:	*1995 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*NR 5 MHz*
Limit:	*−19 dBm/50 kHz*	*Notes:*	*None*

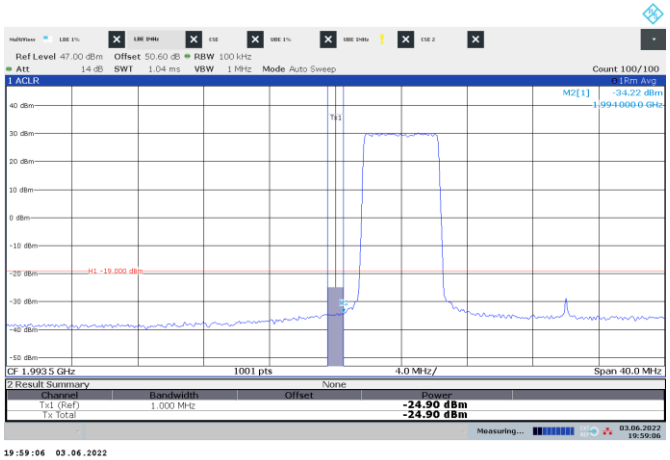


Figure 8.6-78: *Conducted emission 1 MHz away from the lower band edge*

Frequency:	*1994 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*NR 5 MHz*
Limit:	*−19 dBm/MHz*	*Notes:*	*Measured result is < 23 dBm/MHz*

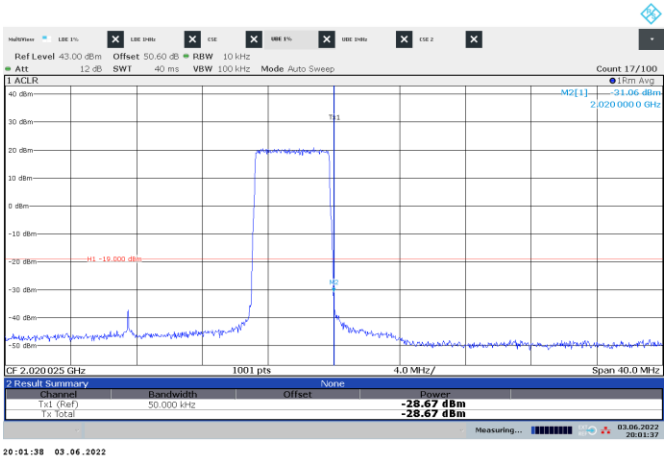


Figure 8.6-79: *Conducted emission at the upper band edge*

Frequency:	*2020 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*NR 5 MHz*
Limit:	*−19 dBm/50 kHz*	*Notes:*	*None*

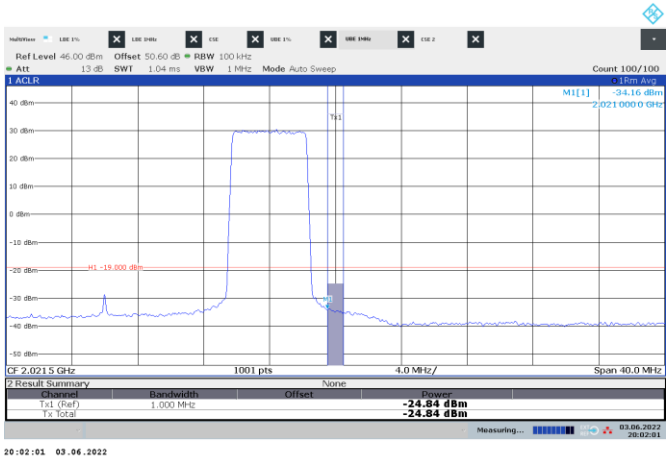


Figure 8.6-80: *Conducted emission 1 MHz away from the upper band edge*

Frequency:	*2021 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*NR 5 MHz*
Limit:	*−19 dBm/MHz*	*Notes:*	*None*

Test data, continued

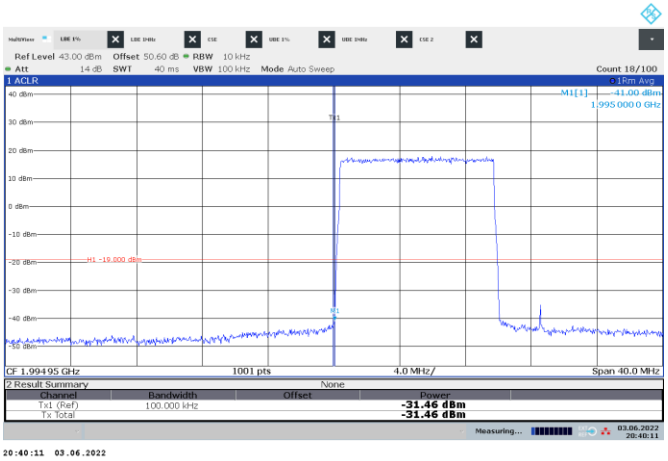


Figure 8.6-81: *Conducted emission at the lower band edge*

Frequency:	*1995 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*NR 10 MHz*
Limit:	*−19 dBm/100 kHz*	*Notes:*	*None*

Figure 8.6-82: *Conducted emission 1 MHz away from the lower band edge*

Frequency:	*1994 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*NR 10 MHz*
Limit:	*−19 dBm/MHz*	*Notes:*	*None*

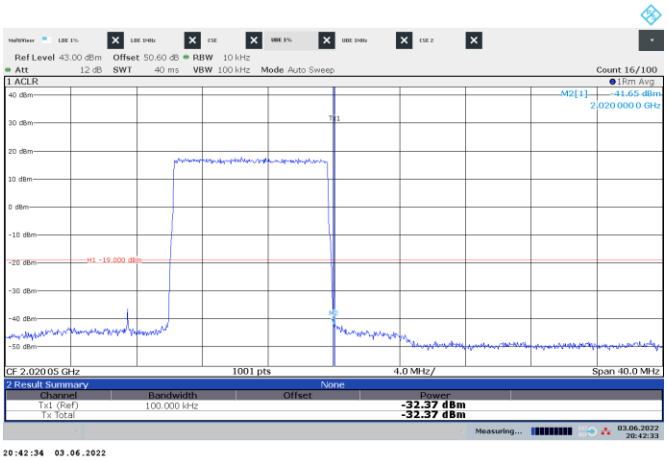


Figure 8.6-83: *Conducted emission at the upper band edge*

Frequency:	*2020 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*NR 10 MHz*
Limit:	*−19 dBm/100 kHz*	*Notes:*	*None*

Figure 8.6-84: *Conducted emission 1 MHz away from the upper band edge*

Frequency:	*2021 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*NR 10 MHz*
Limit:	*−19 dBm/MHz*	*Notes:*	*None*

Test data, continued

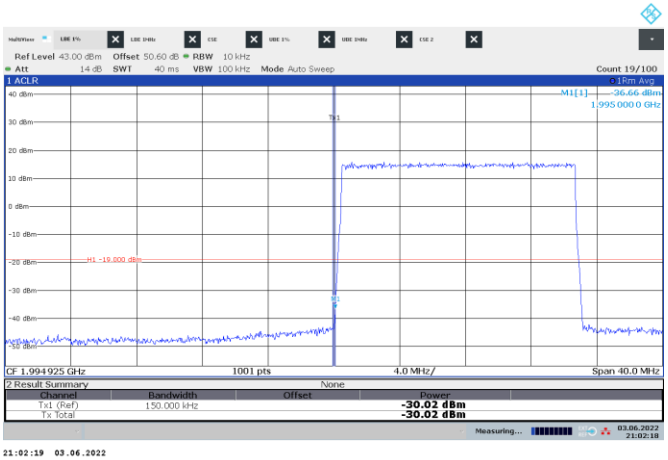


Figure 8.6-85: *Conducted emission at the lower band edge*

Frequency:	*1995 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*NR 15 MHz*
Limit:	*−19 dBm/150 kHz*	*Notes:*	*None*

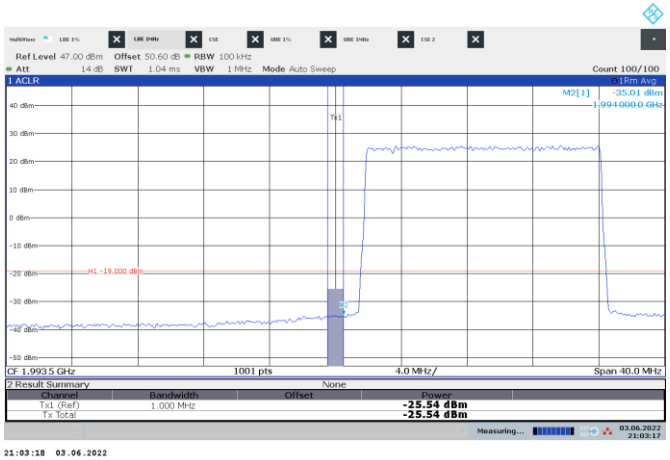


Figure 8.6-86: *Conducted emission 1 MHz away from the lower band edge*

Frequency:	*1994 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*NR 15 MHz*
Limit:	*−19 dBm/MHz*	*Notes:*	*None*

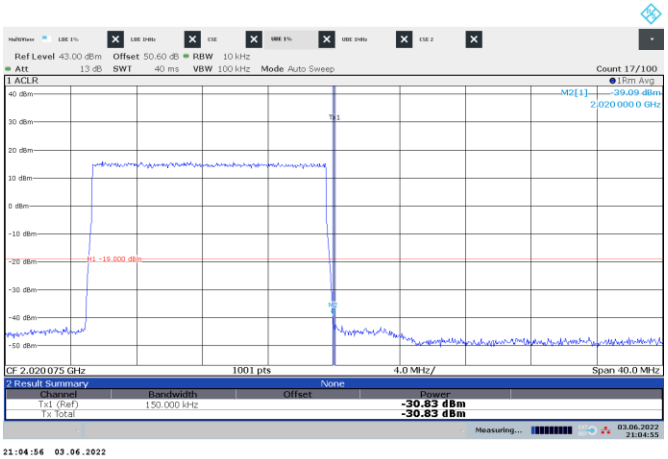


Figure 8.6-87: *Conducted emission at the upper band edge*

Frequency:	*2020 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*NR 15 MHz*
Limit:	*−19 dBm/150 kHz*	*Notes:*	*None*

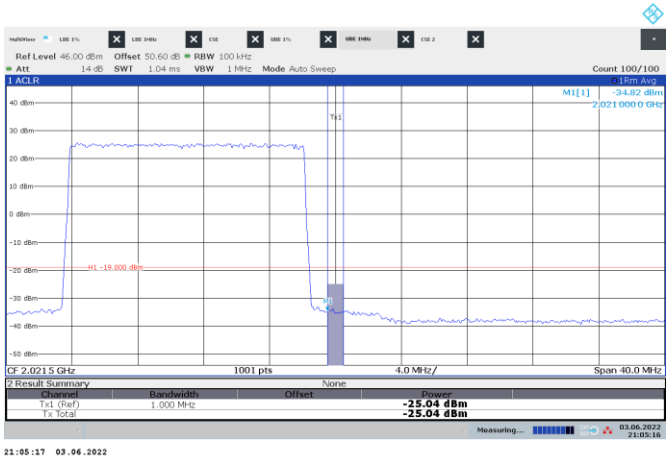


Figure 8.6-88: *Conducted emission 1 MHz away from the upper band edge*

Frequency:	*2021 MHz*	*Mode:*	*Single-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*NR 15 MHz*
Limit:	*−19 dBm/MHz*	*Notes:*	*None*

Test data, continued

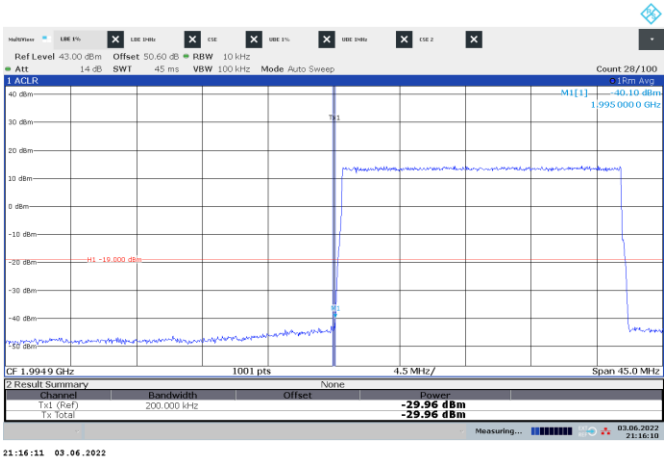


Figure 8.6-89: *Conducted emission at the lower band edge*

Frequency: *1995 MHz* *Mode:* *Single-carrier operation*
Meas. BW: *1% of EBW* *Tech.:* *NR 20 MHz*
Limit: *−19 dBm/200 kHz* *Notes:* *None*

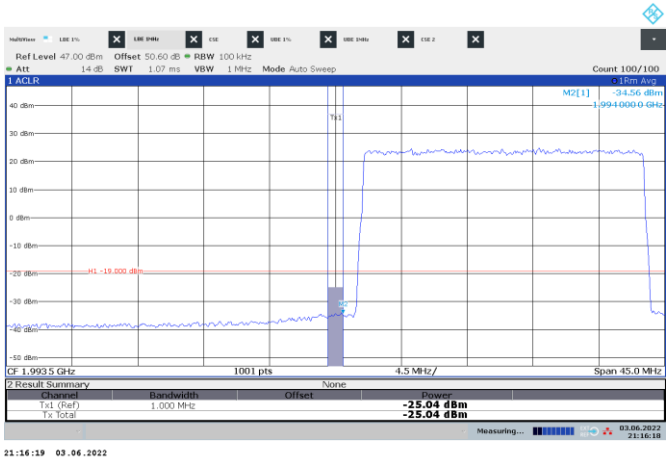


Figure 8.6-90: *Conducted emission 1 MHz away from the lower band edge*

Frequency: *1994 MHz* *Mode:* *Single-carrier operation*
Meas. BW: *1 MHz* *Tech.:* *NR 20 MHz*
Limit: *−19 dBm/MHz* *Notes:* *None*

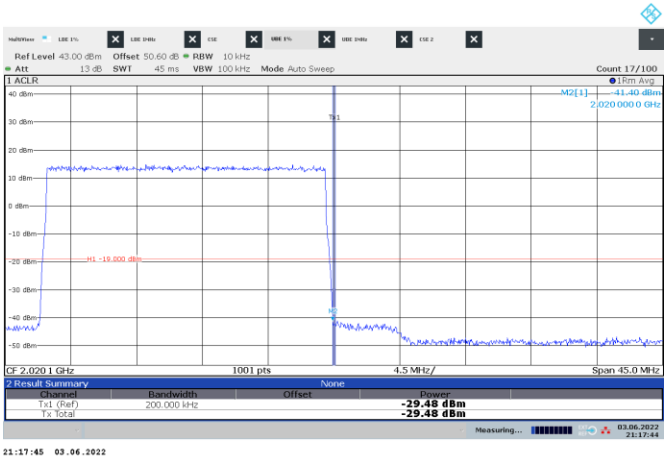


Figure 8.6-91: *Conducted emission at the upper band edge*

Frequency: *2020 MHz* *Mode:* *Single-carrier operation*
Meas. BW: *1% of EBW* *Tech.:* *NR 20 MHz*
Limit: *−19 dBm/200 kHz* *Notes:* *None*

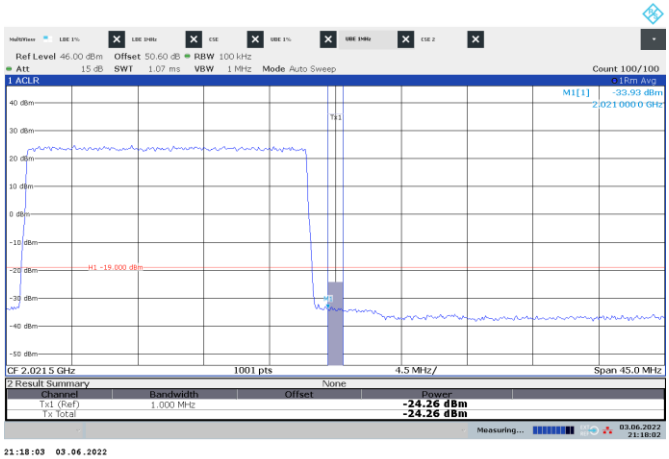


Figure 8.6-92: *Conducted emission 1 MHz away from the upper band edge*

Frequency: *2021 MHz* *Mode:* *Single-carrier operation*
Meas. BW: *1 MHz* *Tech.:* *NR 20 MHz*
Limit: *−19 dBm/MHz* *Notes:* *None*

Test data, continued

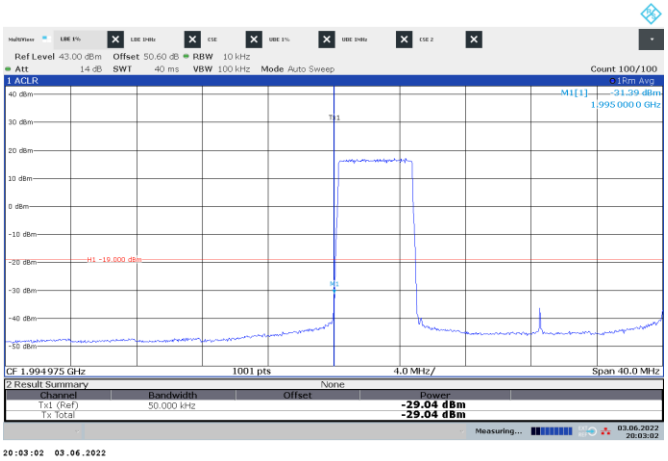


Figure 8.6-93: *Conducted emission at the lower band edge*

Frequency:	*1995 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*2 × NR 5 MHz*
Limit:	*−19 dBm/50 kHz*	*Notes:*	*None*

Figure 8.6-94: *Conducted emission 1 MHz away from the lower band edge*

Frequency:	*1994 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*2 × NR 5 MHz*
Limit:	*−19 dBm/MHz*	*Notes:*	*None*

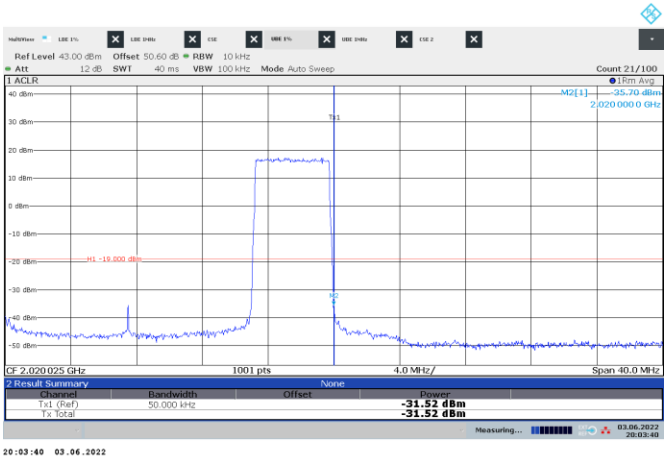


Figure 8.6-95: *Conducted emission at the upper band edge*

Frequency:	*2020 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*2 × NR 5 MHz*
Limit:	*−19 dBm/50 kHz*	*Notes:*	*None*

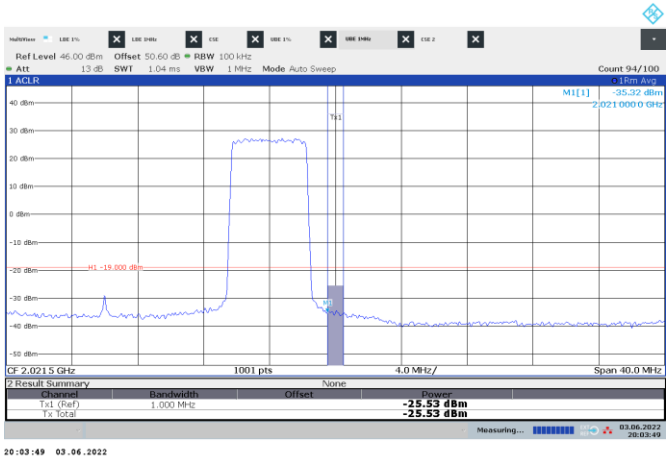


Figure 8.6-96: *Conducted emission 1 MHz away from the upper band edge*

Frequency:	*2021 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*2 × NR 5 MHz*
Limit:	*−19 dBm/MHz*	*Notes:*	*None*

Test data, continued

Figure 8.6-97: *Conducted emission at the lower band edge*

Frequency:	*1995 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*4 × NR 5 MHz*
Limit:	*−19 dBm/50 kHz*	*Notes:*	*None*

Figure 8.6-98: *Conducted emission 1 MHz away from the lower band edge*

Frequency:	*1994 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*4 × NR 5 MHz*
Limit:	*−19 dBm/MHz*	*Notes:*	*None*

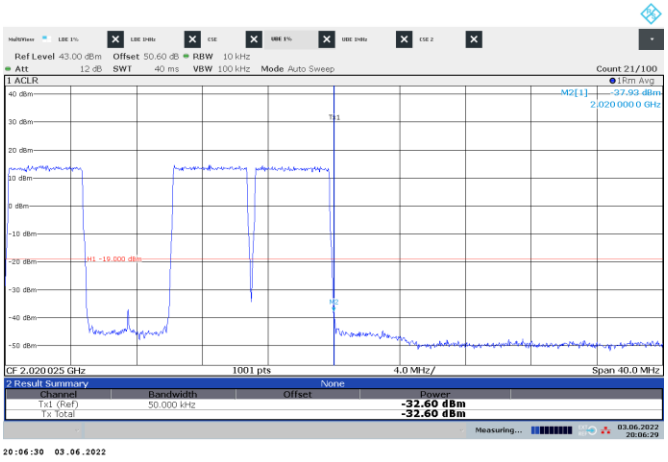


Figure 8.6-99: *Conducted emission at the upper band edge*

Frequency:	*2020 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*4 × NR 5 MHz*
Limit:	*−19 dBm/50 kHz*	*Notes:*	*None*

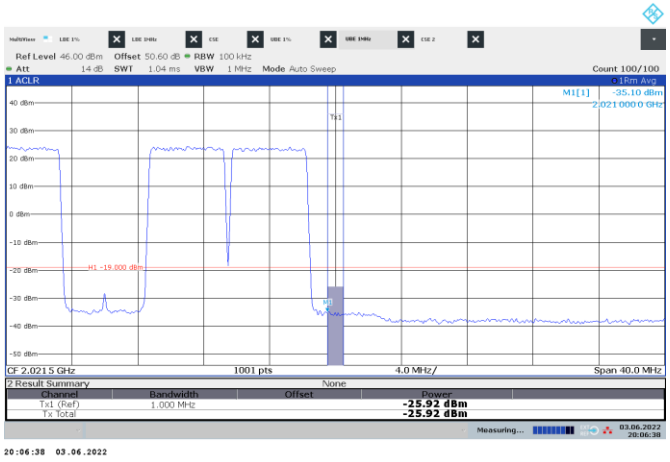


Figure 8.6-100: *Conducted emission 1 MHz away from the upper band edge*

Frequency:	*2021 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*4 × NR 5 MHz*
Limit:	*−19 dBm/MHz*	*Notes:*	*None*

Test data, continued

Figure 8.6-101: *Conducted emission at the lower band edge*

Frequency:	*1995 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*5 × NR 5 MHz*
Limit:	*−19 dBm/50 kHz*	*Notes:*	*None*

Figure 8.6-102: *Conducted emission 1 MHz away from the lower band edge*

Frequency:	*1994 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*5 × NR 5 MHz*
Limit:	*−19 dBm/MHz*	*Notes:*	*None*

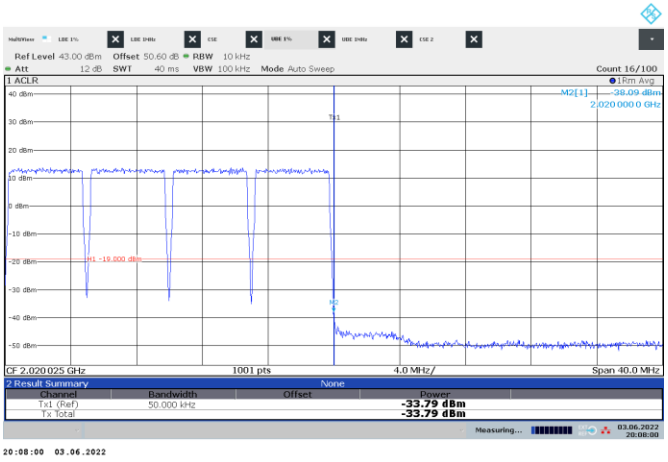


Figure 8.6-103: *Conducted emission at the upper band edge*

Frequency:	*2020 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*5× NR 5 MHz*
Limit:	*−19 dBm/50 kHz*	*Notes:*	*None*

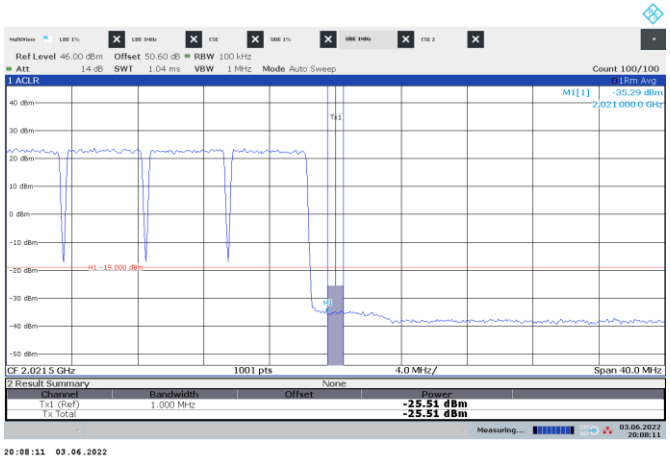


Figure 8.6-104: *Conducted emission 1 MHz away from the upper band edge*

Frequency:	*2021 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*5 × NR 5 MHz*
Limit:	*−19 dBm/MHz*	*Notes:*	*None*

Test data, continued

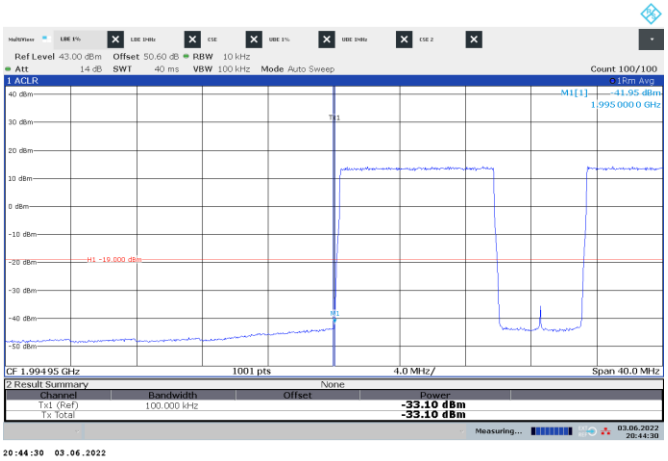


Figure 8.6-105: *Conducted emission at the lower band edge*

Frequency:	*1995 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*2 × NR 10 MHz*
Limit:	*−19 dBm/100 kHz*	*Notes:*	*None*

Figure 8.6-106: *Conducted emission 1 MHz away from the lower band edge*

Frequency:	*1994 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*2 × NR 10 MHz*
Limit:	*−19 dBm/MHz*	*Notes:*	*None*

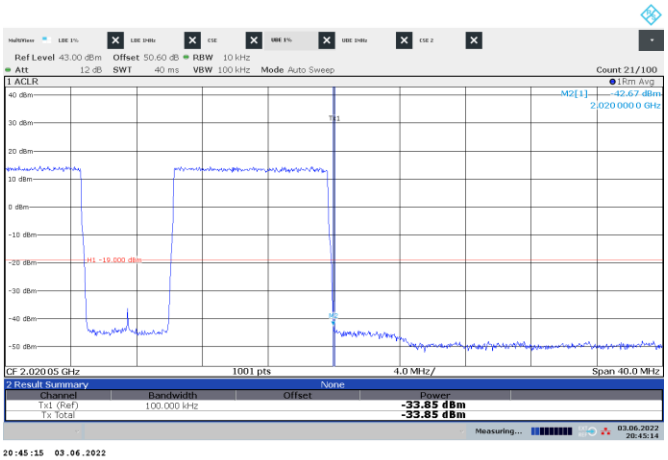


Figure 8.6-107: *Conducted emission at the upper band edge*

Frequency:	*2020 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1% of EBW*	*Tech.:*	*2 × NR 10 MHz*
Limit:	*−19 dBm/100 kHz*	*Notes:*	*None*

Figure 8.6-108: *Conducted emission 1 MHz away from the upper band edge*

Frequency:	*2021 MHz*	*Mode:*	*Multi-carrier operation*
Meas. BW:	*1 MHz*	*Tech.:*	*2 × NR 10 MHz*
Limit:	*−19 dBm/MHz*	*Notes:*	*None*