

Test data, continued



Figure 8.2-227: Conducted spurious emissions 30 MHz to 3.6 GHz of 2xGSM + 2xLTE 1.4 + 2xNR 5 MHz six contiguous low channels, six carrier operation



Figure 8.2-228: Conducted spurious emissions 3.6 GHz to 10 GHz of 2xGSM + 2xLTE 1.4 + 2xNR 5 MHz six contiguous low channels, six carrier operation



Figure 8.2-229: Conducted spurious emissions 30 MHz to 3.6 GHz of 2xGSM + 2xLTE 1.4 + 2xNR 5 MHz six contiguous mid channels, six carrier operation



Figure 8.2-230: Conducted spurious emissions 3.6 GHz to 10 GHz of 2xGSM + 2xLTE 1.4 + 2xNR 5 MHz six contiguous mid channels, six carrier operation



Figure 8.2-231: Conducted spurious emissions 30 MHz to 3.6 GHz of 2xGSM + 2xLTE 1.4 + 2xNR 5 MHz six contiguous top channels, six carrier operation

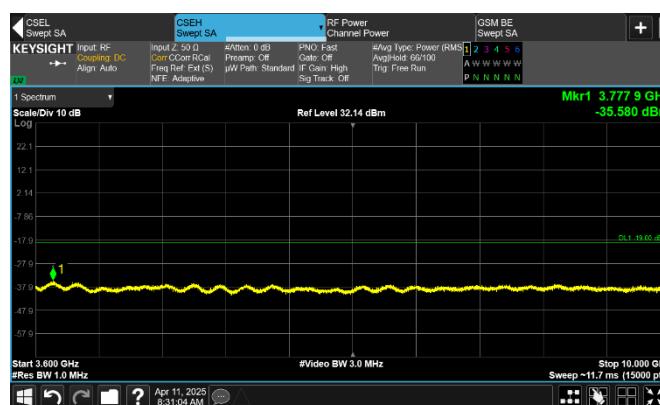
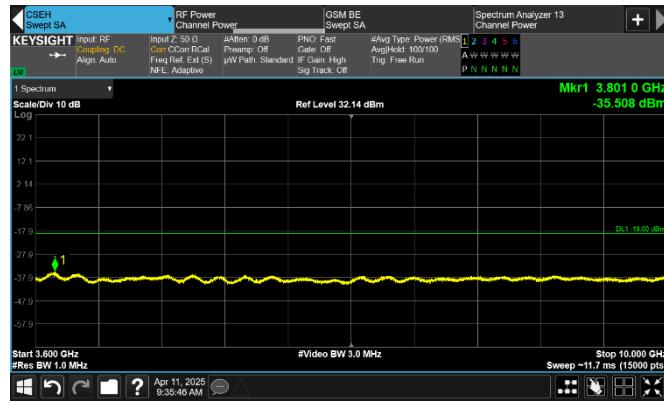
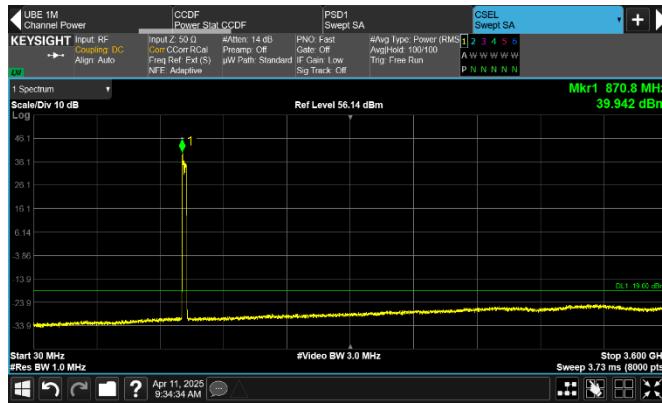


Figure 8.2-232: Conducted spurious emissions 3.6 GHz to 10 GHz of 2xGSM + 2xLTE 1.4 + 2xNR 5 MHz six contiguous top channels, six carrier operation

Test data, continued



Test data, continued

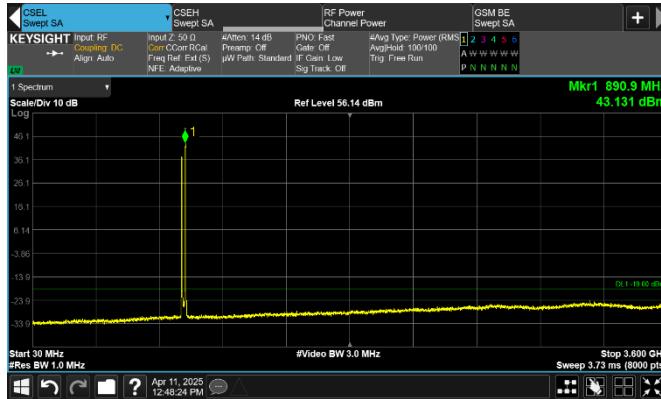


Figure 8.2-237: Conducted spurious emissions 30 MHz to 3.6 GHz of GSM + WCDMA two non-contiguous channels, two carrier operation



Figure 8.2-238: Conducted spurious emissions 3.6 GHz to 10 GHz of GSM + WCDMA two non-contiguous channels, two carrier operation

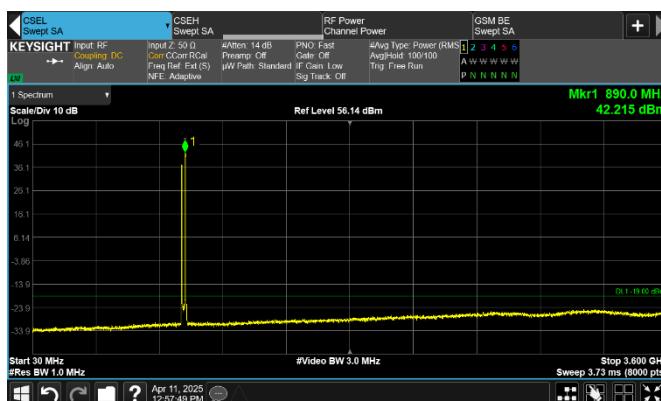


Figure 8.2-239: Conducted spurious emissions 30 MHz to 3.6 GHz of GSM + LTE 5 MHz with IB two non-contiguous channels, two carrier operation



Figure 8.2-240: Conducted spurious emissions 3.6 GHz to 10 GHz of GSM + LTE 5 MHz with IB two non-contiguous channels, two carrier operation

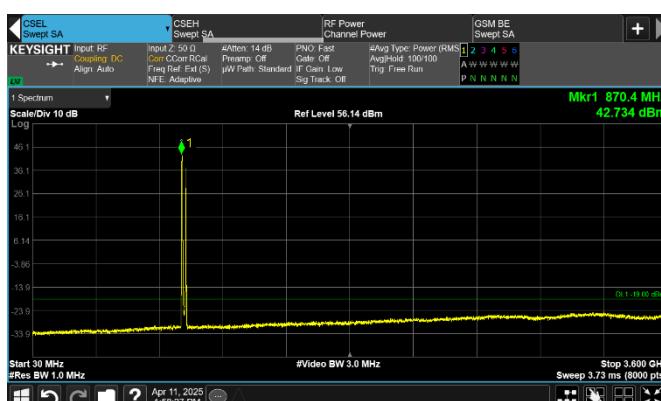


Figure 8.2-241: Conducted spurious emissions 30 MHz to 3.6 GHz of NR 5 MHz + GSM two non-contiguous channels, two carrier operation

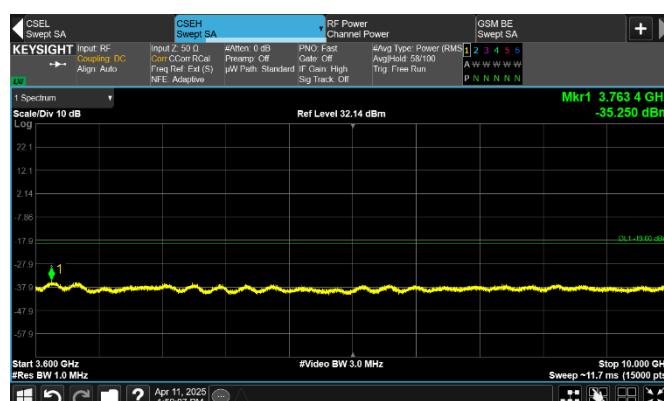


Figure 8.2-242: Conducted spurious emissions 3.6 GHz to 10 GHz of NR 5 MHz + GSM two non-contiguous channels, two carrier operation

Test data, continued

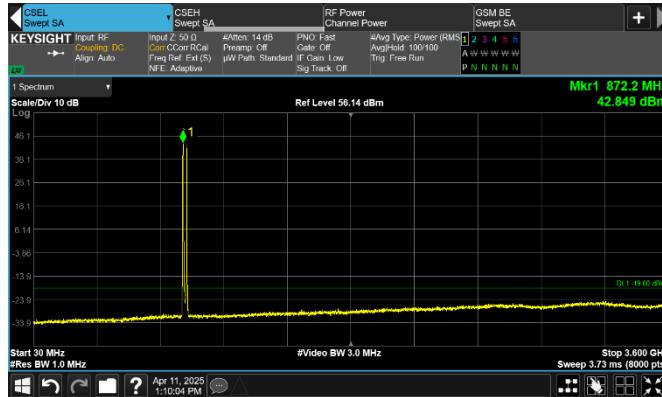


Figure 8.2-243: Conducted spurious emissions 30 MHz to 3.6 GHz of WCDMA + LTE 1.4 MHz two non-contiguous channels, two carrier operation



Figure 8.2-244: Conducted spurious emissions 3.6 GHz to 10 GHz of WCDMA + LTE 1.4 MHz two non-contiguous channels, two carrier operation

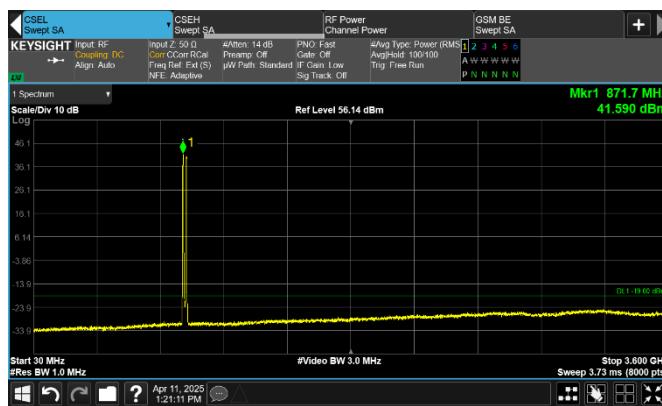


Figure 8.2-245: Conducted spurious emissions 30 MHz to 3.6 GHz of WCDMA + NR 5 MHz two non-contiguous channels, two carrier operation



Figure 8.2-246: Conducted spurious emissions 3.6 GHz to 10 GHz of WCDMA + NR 5 MHz two non-contiguous channels, two carrier operation



Figure 8.2-247: Conducted spurious emissions 30 MHz to 3.6 GHz of WCDMA + SA two non-contiguous channels, two carrier operation



Figure 8.2-248: Conducted spurious emissions 3.6 GHz to 10 GHz of WCDMA + SA two non-contiguous channels, two carrier operation

Test data, continued

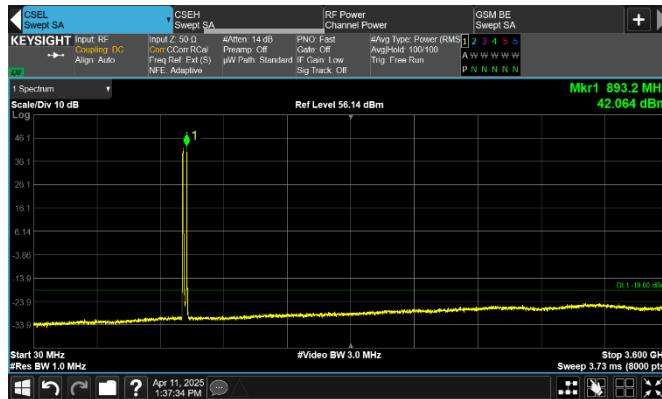


Figure 8.2-249: Conducted spurious emissions 30 MHz to 3.6 GHz of NR 5 MHz + LTE 1.4 MHz non-contiguous channels, two carrier operation



Figure 8.2-250: Conducted spurious emissions 3.6 GHz to 10 GHz of NR 5 MHz + LTE 1.4 MHz two non-contiguous channels, two carrier operation

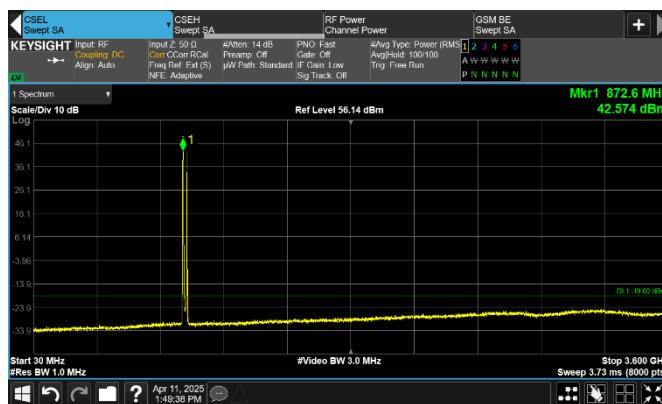


Figure 8.2-251: Conducted spurious emissions 30 MHz to 3.6 GHz of LTE 5 MHz + SA two non-contiguous channels, two carrier operation



Figure 8.2-252: Conducted spurious emissions 3.6 GHz to 10 GHz of LTE 5 MHz + SA two non-contiguous channels, two carrier operation



Figure 8.2-253: Conducted spurious emissions 30 MHz to 3.6 GHz of SA + NR 5 MHz two non-contiguous channels, two carrier operation

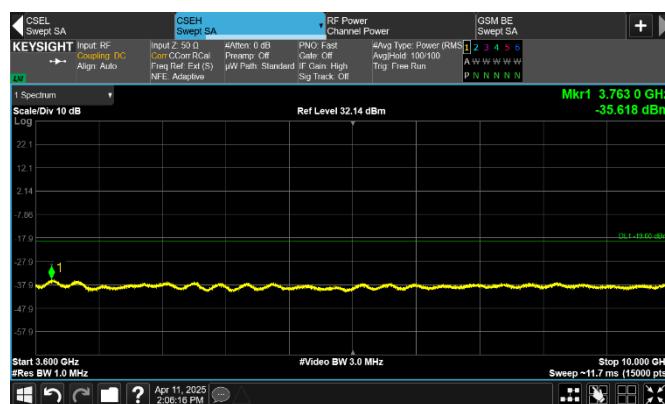


Figure 8.2-254: Conducted spurious emissions 3.6 GHz to 10 GHz of SA + NR 5 MHz two non-contiguous channels, two carrier operation

Test data, continued

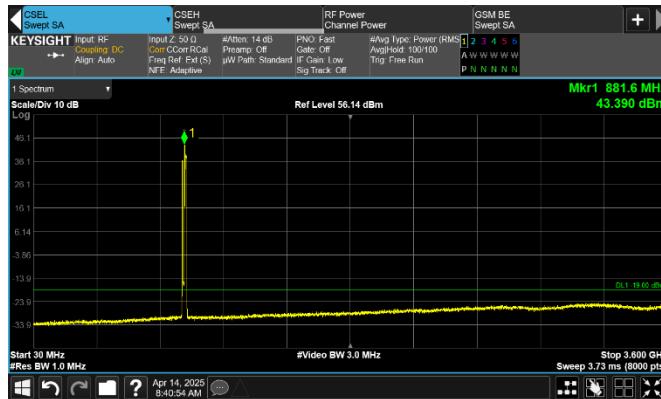


Figure 8.2-255: Conducted spurious emissions 30 MHz to 3.6 GHz of GSM + SA + LTE 10 MHz non-contiguous channels, 3-carrier operation



Figure 8.2-256: Conducted spurious emissions 3.6 GHz to 10 GHz of GSM + SA + LTE 10 non-contiguous channels, 3-carrier operation



Figure 8.2-257: Conducted spurious emissions 30 MHz to 3.6 GHz of WCDMA + LTE 1.4 MHz + SA non-contiguous channels, 3-carrier operation



Figure 8.2-258: Conducted spurious emissions 3.6 GHz to 10 GHz of WCDMA + LTE 1.4 MHz + SA non-contiguous channels, 3-carrier operation



Figure 8.2-259: Conducted spurious emissions 30 MHz to 3.6 GHz of NR 5 MHz + SA + LTE 1.4 MHz non-contiguous channels, 3-carrier operation

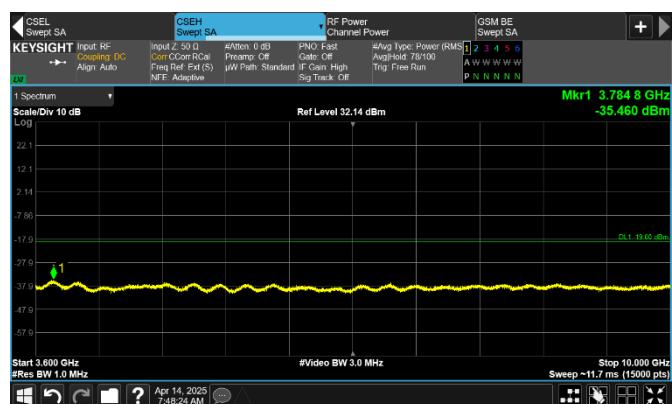


Figure 8.2-260: Conducted spurious emissions 3.6 GHz to 10 GHz of NR 5 MHz + SA + LTE 1.4 MHz non-contiguous channels, 3-carrier operation

Test data, continued

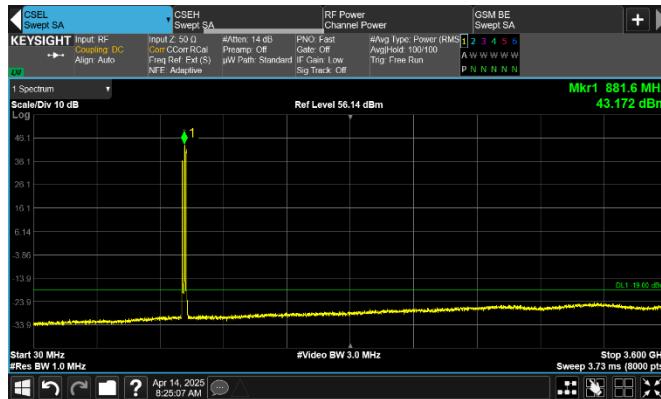


Figure 8.2-261: Conducted spurious emissions 30 MHz to 3.6 GHz of GSM + LTE 1.4 MHz + NR 5 MHz non-contiguous channels, 3-carrier operation



Figure 8.2-262: Conducted spurious emissions 3.6 GHz to 10 GHz of GSM + LTE 1.4 MHz + NR 5 MHz non-contiguous channels, 3-carrier operation

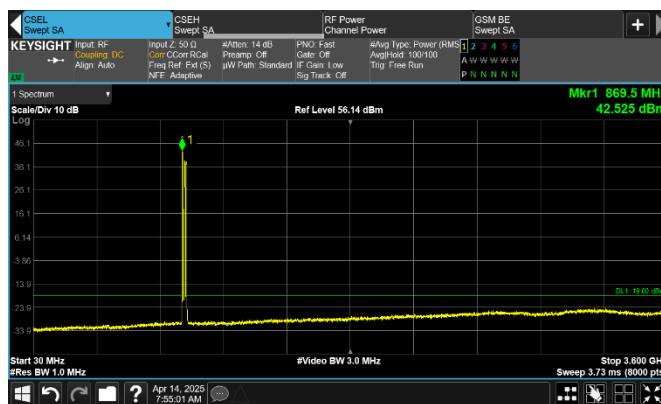


Figure 8.2-263: Conducted spurious emissions 30 MHz to 3.6 GHz of LTE 1.4 MHz + WCDMA + NR 5 MHz non-contiguous channels, 3-carrier operation



Figure 8.2-264: Conducted spurious emissions 3.6 GHz to 10 GHz of LTE 1.4 MHz + WCDMA + NR 5 MHz non-contiguous channels, 3-carrier operation



Figure 8.2-265: Conducted spurious emissions 30 MHz to 3.6 GHz of 3xGSM + SA + 2xLTE 5 MHz non-contiguous channels, six carrier operation

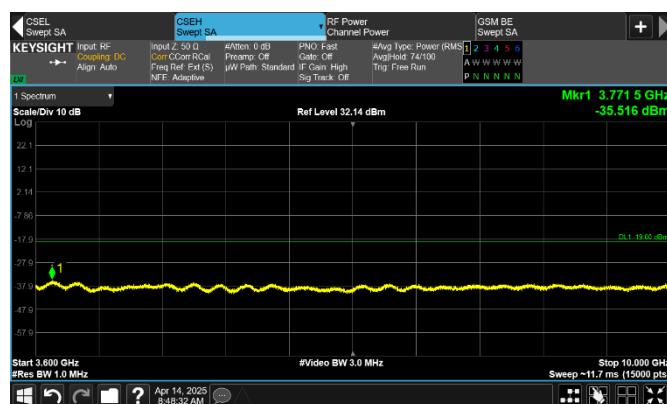


Figure 8.2-266: Conducted spurious emissions 3.6 GHz to 10 GHz of 3xGSM + SA + 2xLTE 5 MHz non-contiguous channels, six carrier operation

Test data, continued

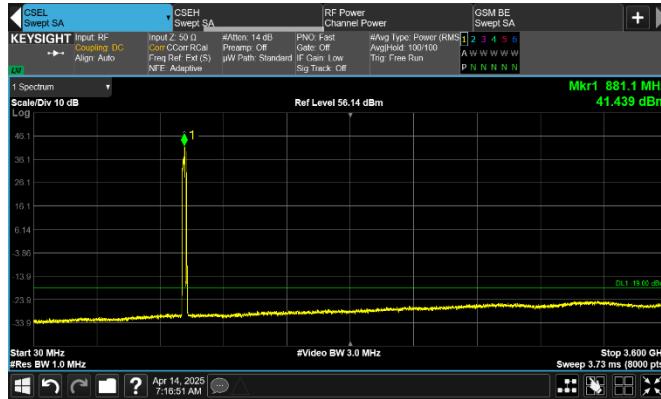


Figure 8.2-267: Conducted spurious emissions 30 MHz to 3.6 GHz of 2xWCDMA + 3xLTE 1.4 MHz + SA non-contiguous channels, six carrier operation



Figure 8.2-268: Conducted spurious emissions 3.6 GHz to 10 GHz of 2xWCDMA + 3xLTE 1.4 MHz + SA non-contiguous channels, six carrier operation

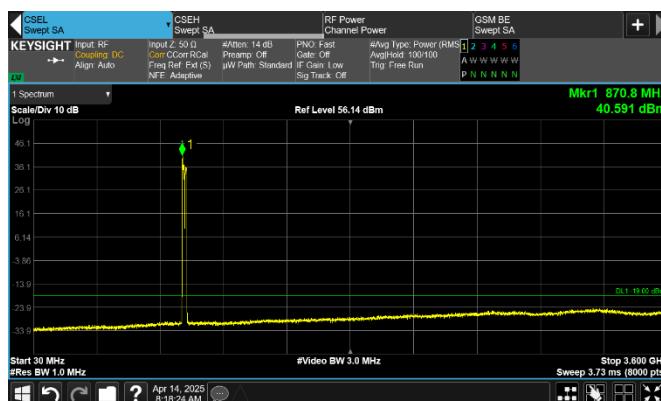


Figure 8.2-269: Conducted spurious emissions 30 MHz to 3.6 GHz of 2xNR 5 MHz + SA + 3xLTE 1.4 MHz non-contiguous channels, six carrier operation



Figure 8.2-270: Conducted spurious emissions 3.6 GHz to 10 GHz of 2xNR 5 MHz + SA + 3xLTE 1.4 MHz non-contiguous channels, six carrier operation

Test data, continued



Test data, continued

On the plots below the measured *Channel Power* value in the “Total Channel Power” column must be:

-19 dBm and lower for LTE, NR, WCDMA;

-16 dBm and lower for NB-IoT SA;

-13 dBm and lower for GSM



Figure 8.2-275: Conducted emission at the lower band edge

Frequency: 869 MHz	Mode: Single-carrier operation
Meas. BW: 14 kHz	Tech.: LTE 1.4 MHz
Limit: -19 dBm/14 kHz	Notes: None



Figure 8.2-276: Conducted emission 1 MHz away from the lower band edge

Frequency: 868 MHz	Mode: Single-carrier operation
Meas. BW: 100 kHz	Tech.: LTE 1.4 MHz
Limit: -19 dBm/100 kHz	Notes: None

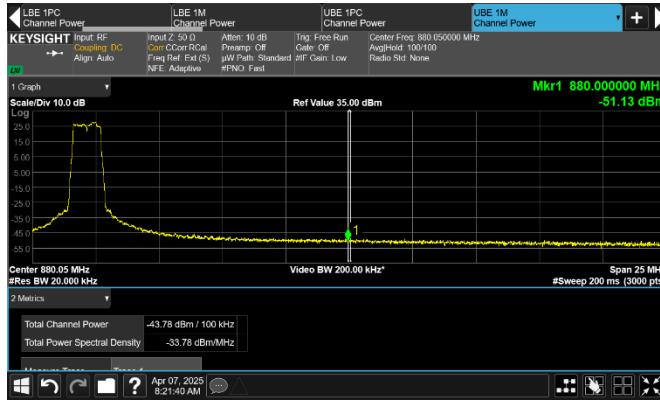


Figure 8.2-277: Conducted emission of 100 kHz at upper frequency block edge of low channel

Frequency: 880 MHz	Mode: Single-carrier operation
Meas. BW: 100 kHz	Tech.: LTE 1.4 MHz
Limit: -19 dBm/100 kHz	Notes: None



Figure 8.2-278: Conducted emission at the upper band edge

Frequency: 894 MHz	Mode: Single-carrier operation
Meas. BW: 14 kHz	Tech.: LTE 1.4 MHz
Limit: -19 dBm/14 kHz	Notes: None

Test data, continued



Figure 8.2-279: Conducted emission 1 MHz away from the upper band edge

Frequency: 895 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

Mode: Single-carrier operation
Tech.: LTE 1.4 MHz
Notes: None

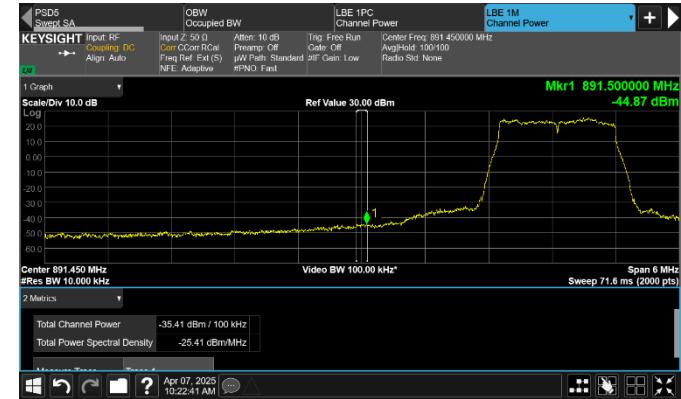


Figure 8.2-280: Conducted emission of 100 kHz at lower frequency block edge of top channel

Frequency: 891.5 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

Mode: Single-carrier operation
Tech.: LTE 1.4 MHz
Notes: None



Figure 8.2-281: Conducted emission at the lower band edge

Frequency: 869 MHz
Meas. BW: 30 kHz
Limit: -19 dBm/30 kHz

Mode: Single-carrier operation
Tech.: LTE 3 MHz
Notes: None



Figure 8.2-282: Conducted emission 1 MHz away from the lower band edge

Frequency: 868 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

Mode: Single-carrier operation
Tech.: LTE 3 MHz
Notes: None

Test data, continued

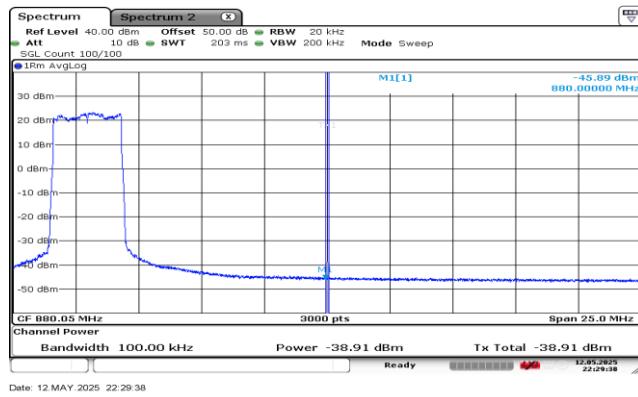


Figure 8.2-283: Conducted emission of 100 kHz at upper frequency block edge of low channel

Frequency: 880 MHz Mode: Single-carrier operation
 Meas. BW: 100 kHz Tech.: LTE 3 MHz
 Limit: -19 dBm/100 kHz Notes: None

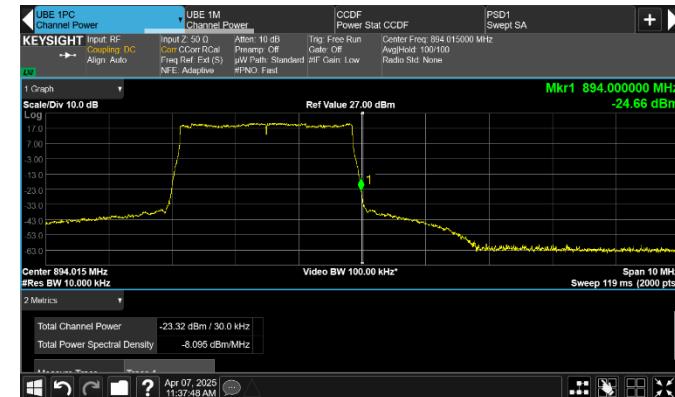


Figure 8.2-284: Conducted emission at the upper band edge

Frequency: 894 MHz Mode: Single-carrier operation
 Meas. BW: 30 kHz Tech.: LTE 3 MHz
 Limit: -19 dBm/30 kHz Notes: None



Figure 8.2-285: Conducted emission 1 MHz away from the upper band edge

Frequency: 895 MHz Mode: Single-carrier operation
 Meas. BW: 100 kHz Tech.: LTE 3 MHz
 Limit: -19 dBm/100 kHz Notes: None



Figure 8.2-286: Conducted emission of 100 kHz at lower frequency block edge of top channel

Frequency: 890 MHz Mode: Single-carrier operation
 Meas. BW: 100 kHz Tech.: LTE 3 MHz
 Limit: -19 dBm/100 kHz Notes: None

Test data, continued



Figure 8.2-287: Conducted emission at the lower band edge

Frequency: 869 MHz
Meas. BW: 50 kHz
Limit: -19 dBm/50 kHz

Mode: Single-carrier operation
Tech.: LTE 5 MHz with IB
Notes: None

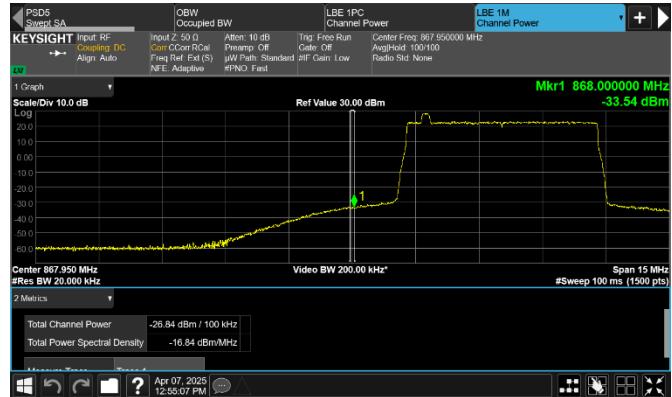


Figure 8.2-288: Conducted emission 1 MHz away from the lower band edge

Frequency: 868 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

Mode: Single-carrier operation
Tech.: LTE 5 MHz with IB
Notes: None



Figure 8.2-289: Conducted emission at the upper band edge

Frequency: 894 MHz
Meas. BW: 50 kHz
Limit: -19 dBm/50 kHz

Mode: Single-carrier operation
Tech.: LTE 5 MHz with IB
Notes: None



Figure 8.2-290: Conducted emission 1 MHz away from the upper band edge

Frequency: 895 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

Mode: Single-carrier operation
Tech.: LTE 5 MHz with IB
Notes: None

Test data, continued



Figure 8.2-291: Conducted emission of 100 kHz at upper frequency block edge of low channel

Frequency: 880 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

Mode: Single-carrier operation
Tech.: LTE 5 MHz with IB
Notes: None

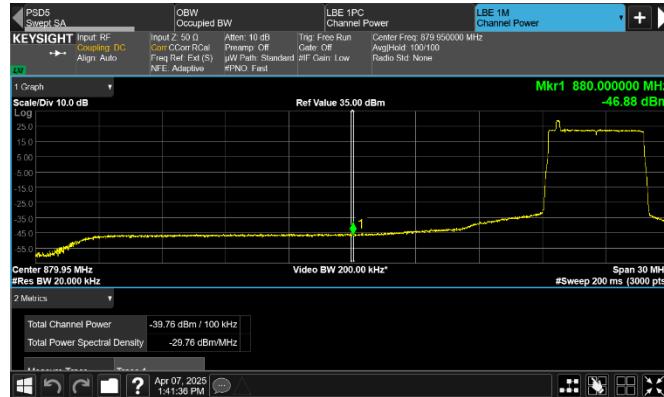


Figure 8.2-292: Conducted emission of 100 kHz at lower frequency block edge of top channel

Frequency: 880 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

Mode: Single-carrier operation
Tech.: LTE 5 MHz with IB
Notes: None



Figure 8.2-293: Conducted emission at the lower band edge

Frequency: 869 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

Mode: Single-carrier operation
Tech.: LTE 10 MHz with GB
Notes: None

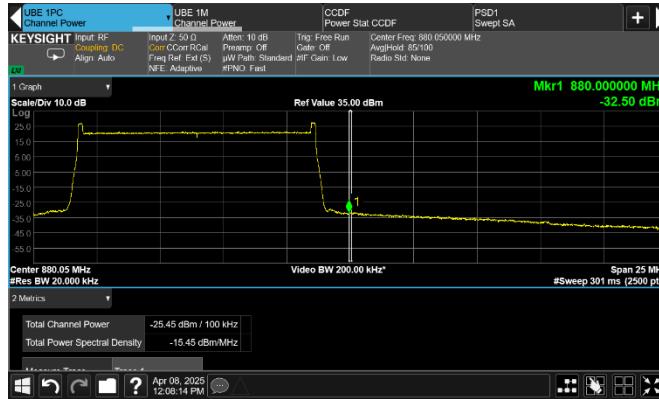


Figure 8.2-294: Conducted emission 1 MHz away from the lower band edge

Frequency: 868 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

Mode: Single-carrier operation
Tech.: LTE 10 MHz with GB
Notes: None

Test data, continued



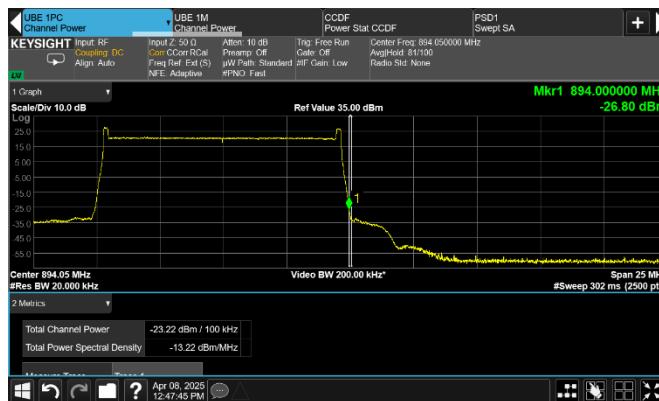
Frequency: 880 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

Mode: Single-carrier operation
Tech.: LTE 10 MHz with GB
Notes: None



Frequency: 881 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

Mode: Single-carrier operation
Tech.: LTE 10 MHz with GB
Notes: None



Frequency: 894 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

Mode: Single-carrier operation
Tech.: LTE 10 MHz with GB
Notes: None



Frequency: 895 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

Mode: Single-carrier operation
Tech.: LTE 10 MHz with GB
Notes: None

Test data, continued



Figure 8.2-299: Conducted emission at the lower frequency block edge of the upper channel

Frequency: 880 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

Mode: Single-carrier operation
Tech.: LTE 10 MHz with GB
Notes: None

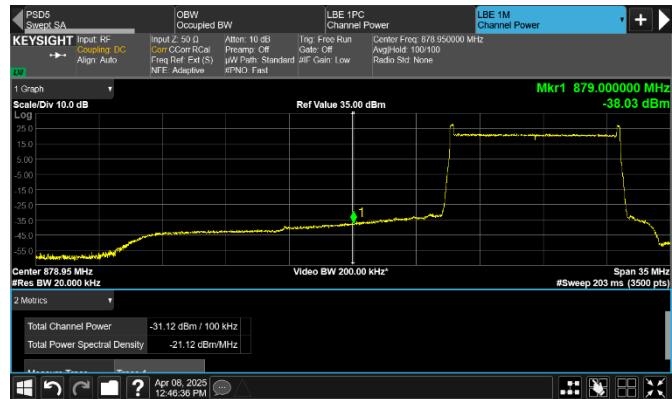


Figure 8.2-300: Conducted emission 1 MHz away from the lower frequency block edge of the upper channel

Frequency: 879 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

Mode: Single-carrier operation
Tech.: LTE 10 MHz with GB
Notes: None

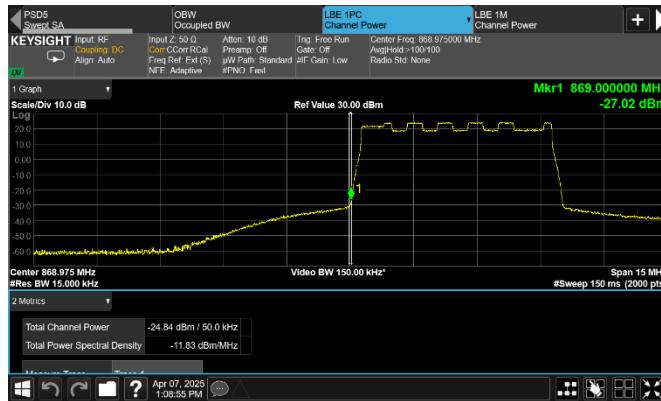


Figure 8.2-301: Conducted emission at the lower band edge

Frequency: 869 MHz
Meas. BW: 50 kHz
Limit: -19 dBm/50 kHz

Mode: Single-carrier operation
Tech.: NR 5 MHz
Notes: None

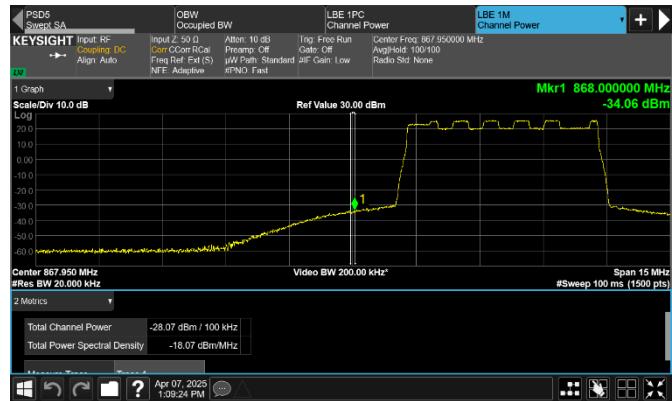


Figure 8.2-302: Conducted emission 1 MHz away from the lower band edge

Frequency: 868 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

Mode: Single-carrier operation
Tech.: NR 5 MHz
Notes: None

Test data, continued



Figure 8.2-303: Conducted emission at the upper band edge

Frequency: 894 MHz Mode: Single-carrier operation
Meas. BW: 50 kHz Tech.: NR 5 MHz
Limit: -19 dBm/50 kHz Notes: None



Figure 8.2-304: Conducted emission 1 MHz away from the upper band edge

Frequency: 895 MHz Mode: Single-carrier operation
Meas. BW: 100 kHz Tech.: NR 5 MHz
Limit: -19 dBm/100 kHz Notes: None



Figure 8.2-305: Conducted emission of 100 kHz at upper frequency block edge of low channel

Frequency: 880 MHz Mode: Single-carrier operation
Meas. BW: 100 kHz Tech.: NR 5 MHz
Limit: -19 dBm/100 kHz Notes: None

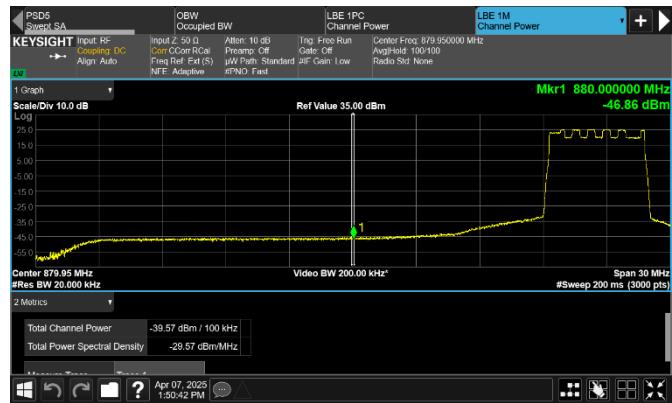


Figure 8.2-306: Conducted emission of 100 kHz at lower frequency block edge of top channel

Frequency: 880 MHz Mode: Single-carrier operation
Meas. BW: 100 kHz Tech.: NR 5 MHz
Limit: -19 dBm/100 kHz Notes: None

Test data, continued

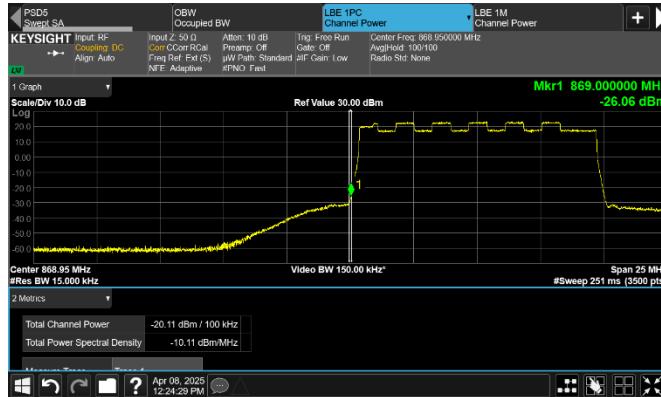


Figure 8.2-307: Conducted emission at the lower band edge

Frequency: 869 MHz Mode: Single-carrier operation
Meas. BW: 100 kHz Tech.: NR 10 MHz
Limit: -19 dBm/100 kHz Notes: None

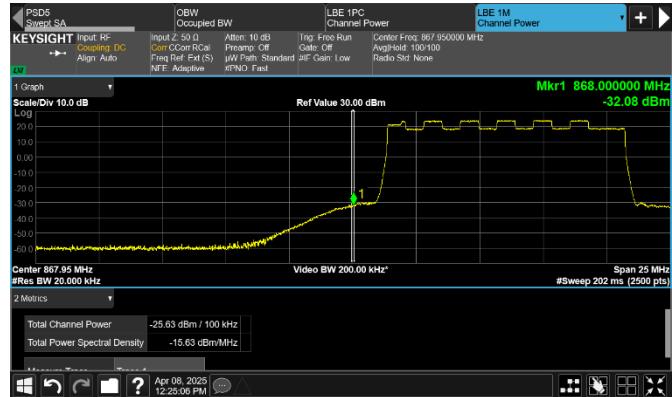


Figure 8.2-308: Conducted emission 1 MHz away from the lower band edge

Frequency: 868 MHz Mode: Single-carrier operation
Meas. BW: 100 kHz Tech.: NR 10 MHz
Limit: -19 dBm/100 kHz Notes: None



Figure 8.2-309: Conducted emission at the upper frequency block edge of the lower channel

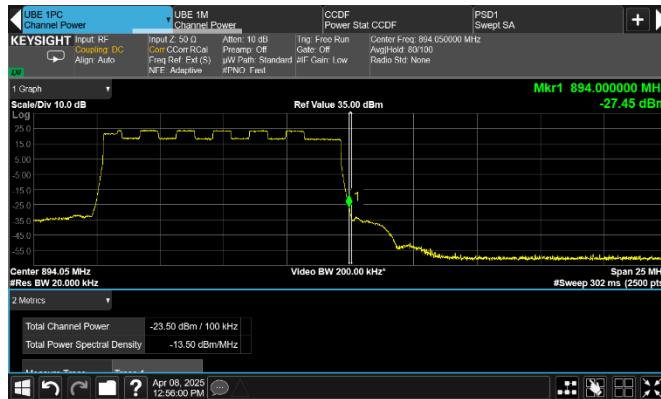
Frequency: 880 MHz Mode: Single-carrier operation
Meas. BW: 100 kHz Tech.: NR 10 MHz
Limit: -19 dBm/100 kHz Notes: None



Figure 8.2-310: Conducted emission 1 MHz away from the upper frequency block edge of the lower channel

Frequency: 881 MHz Mode: Single-carrier operation
Meas. BW: 100 kHz Tech.: NR 10 MHz
Limit: -19 dBm/100 kHz Notes: None

Test data, continued



Frequency: 894 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

Mode: Single-carrier operation
Tech.: NR 10 MHz
Notes: None



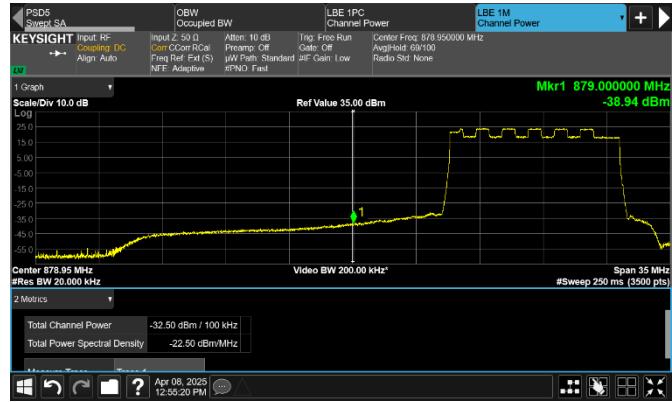
Frequency: 895 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

Mode: Single-carrier operation
Tech.: NR 10 MHz
Notes: None



Frequency: 880 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

Mode: Single-carrier operation
Tech.: NR 10 MHz
Notes: None



Frequency: 879 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

Mode: Single-carrier operation
Tech.: NR 10 MHz
Notes: None

Test data, continued



Figure 8.2-315: Conducted emission at the lower band edge

Frequency: 869 MHz
Meas. BW: 150 kHz
Limit: -19 dBm/150 kHz

Mode: Single-carrier operation
Tech.: NR 15 MHz
Notes: None

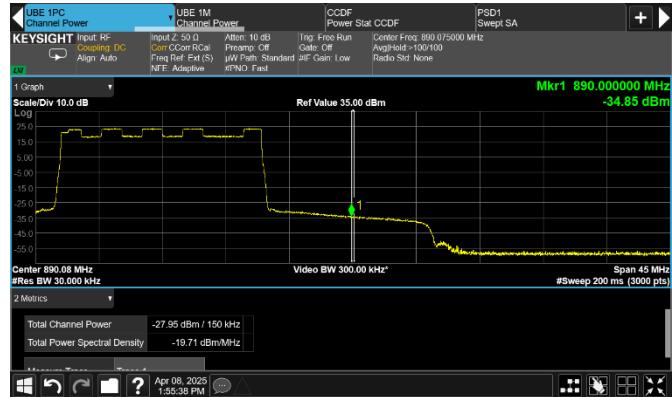


Figure 8.2-316: Conducted emission at upper frequency block edge for low channel

Frequency: 890 MHz
Meas. BW: 150 kHz
Limit: -19 dBm/150 kHz

Mode: Single-carrier operation
Tech.: NR 15 MHz
Notes: None

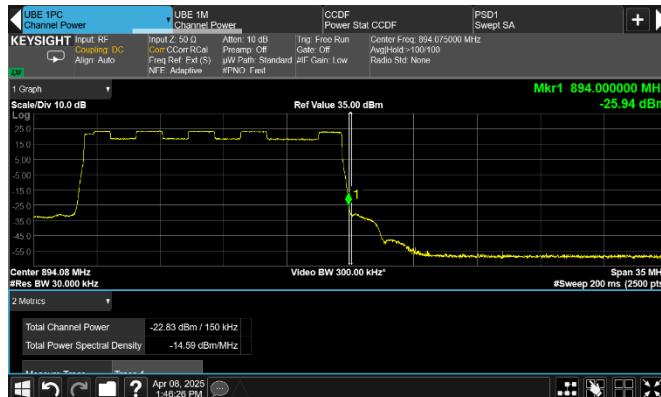


Figure 8.2-317: Conducted emission at the upper band edge

Frequency: 894 MHz
Meas. BW: 150 kHz
Limit: -19 dBm/150 kHz

Mode: Single-carrier operation
Tech.: NR 15 MHz
Notes: None



Figure 8.2-318: Conducted emission at lower frequency block edge for top channel

Frequency: 869 MHz
Meas. BW: 150 kHz
Limit: -19 dBm/150 kHz

Mode: Single-carrier operation
Tech.: NR 15 MHz
Notes: None

Test data, continued



Figure 8.2-319: Conducted emission at the lower band edge

Frequency: 869 MHz
Meas. BW: 200 kHz
Limit: -19 dBm/200 kHz

Mode: Single-carrier operation
Tech.: NR 20 MHz
Notes: None



Figure 8.2-320: Conducted emission at upper frequency block edge for low channel

Frequency: 890 MHz
Meas. BW: 200 kHz
Limit: -19 dBm/200 kHz

Mode: Single-carrier operation
Tech.: NR 20 MHz
Notes: None

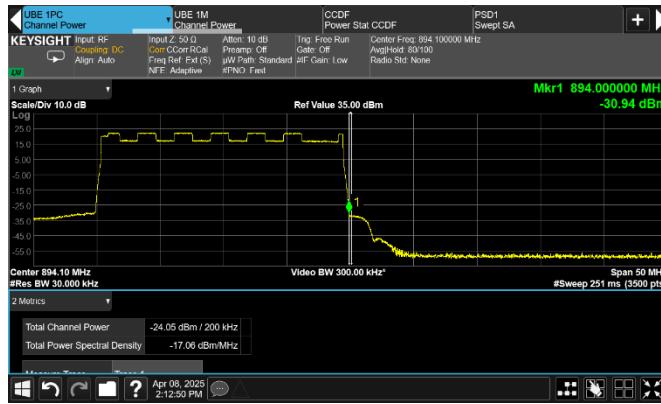


Figure 8.2-321: Conducted emission at the upper band edge

Frequency: 894 MHz
Meas. BW: 200 kHz
Limit: -19 dBm/200 kHz

Mode: Single-carrier operation
Tech.: NR 20 MHz
Notes: None

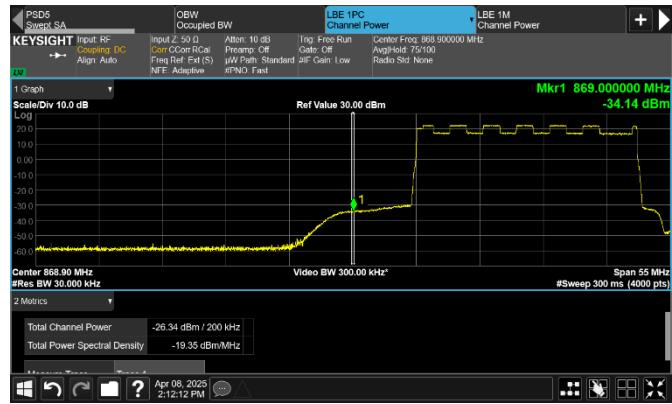


Figure 8.2-322: Conducted emission at lower frequency block edge for top channel

Frequency: 869 MHz
Meas. BW: 200 kHz
Limit: -19 dBm/200 kHz

Mode: Single-carrier operation
Tech.: NR 20 MHz
Notes: None