

Test data, continued



Figure 8.4-31: Conducted spurious emissions of 2 x NR 3 MHz low channels, 2-carrier operation



Figure 8.4-32: Conducted spurious emissions of 2 x NR 3 MHz mid channels, 2-carrier operation



Figure 8.4-33: Conducted spurious emissions of 2 x NR 3 MHz top channels, 2-carrier operation



Figure 8.4-34: Conducted spurious emissions of 2 x NR 5 MHz low channels, 2-carrier operation



Figure 8.4-35: Conducted spurious emissions of 2 x NR 5 MHz mid channels, 2-carrier operation

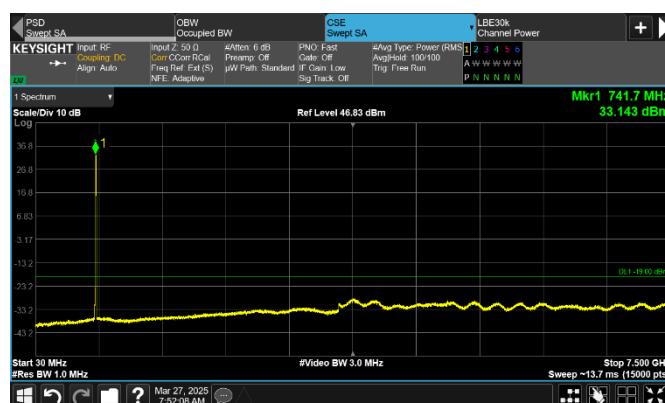
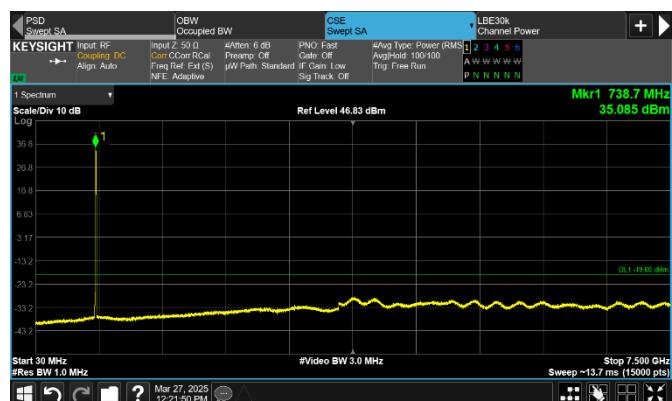
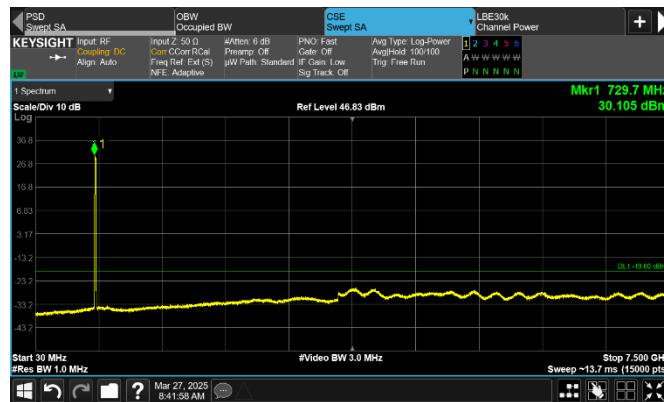
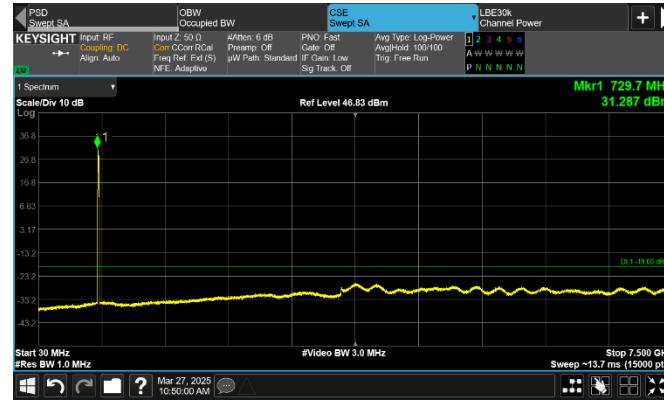
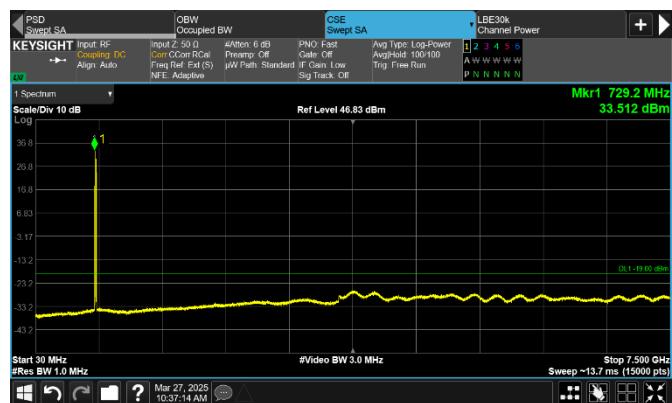
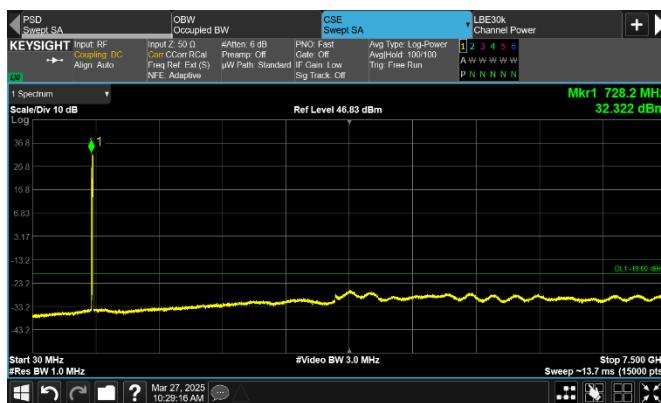


Figure 8.4-36: Conducted spurious emissions of 2 x NR 5 MHz top channels, 2-carrier operation

Test data, continued



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.



Figure 8.4-51: Conducted emission at the lower band edge

Frequency: 728 MHz
Meas. BW: 30 kHz
Limit: -19 dBm/30 kHz

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



Figure 8.4-52: Conducted emission 100 kHz away from the lower band edge

Frequency: 727.9 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

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



Figure 8.4-53: Conducted emission at the upper frequency block edge of low channel

Frequency: 734 MHz
Meas. BW: 30 kHz
Limit: -19 dBm/30 kHz

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



Figure 8.4-54: Conducted emission 100 kHz away from the upper frequency block edge of low channel

Frequency: 734.1 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

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

Test data, continued

On the plots below the measured *Channel Power* value in the “*Total Channel Power*” column must be **-19 dBm** and lower.



Figure 8.4-55: Conducted emission at the upper band edge

Frequency: 746 MHz Mode: Single-carrier operation
Meas. BW: 30 kHz Tech.: LTE 5 MHz
Limit: -19 dBm/30 kHz Notes: None



Figure 8.4-56: Conducted emission 100 kHz away from the upper band edge

Frequency: 746.1 MHz Mode: Single-carrier operation
Meas. BW: 100 kHz Tech.: LTE 5 MHz
Limit: -19 dBm/100 kHz Notes: None

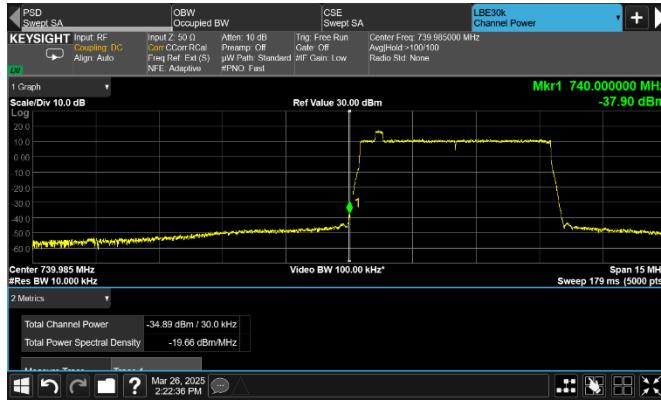


Figure 8.4-57: Conducted emission at the lower frequency block edge of top channel

Frequency: 740 MHz Mode: Single-carrier operation
Meas. BW: 30 kHz Tech.: LTE 5 MHz
Limit: -19 dBm/30 kHz Notes: None



Figure 8.4-58: Conducted emission 100 kHz away from the lower frequency block edge of top channel

Frequency: 739.9 MHz Mode: Single-carrier operation
Meas. BW: 100 kHz Tech.: LTE 5 MHz
Limit: -19 dBm/100 kHz Notes: None

Test data, continued

On the plots below the measured *Channel Power* value in the “*Total Channel Power*” column must be **-19 dBm** and lower.

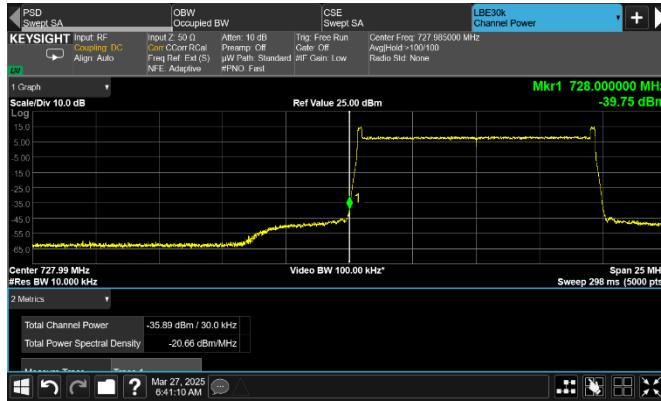


Figure 8.4-59: Conducted emission at the lower band edge

Frequency: 728 MHz Mode: Single-carrier operation
Meas. BW: 30 kHz Tech.: LTE 10 MHz
Limit: -19 dBm/30 kHz Notes: None

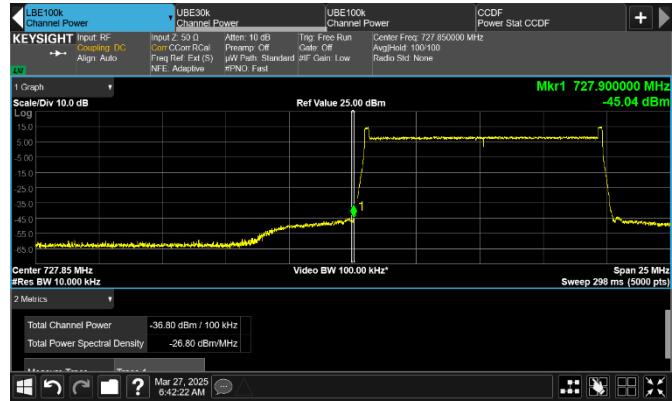


Figure 8.4-60: Conducted emission 100 kHz away from the lower band edge

Frequency: 727.9 MHz Mode: Single-carrier operation
Meas. BW: 100 kHz Tech.: LTE 10 MHz
Limit: -19 dBm/100 kHz Notes: None

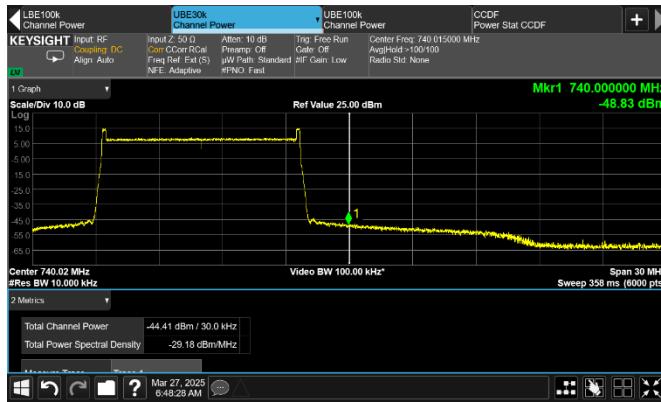


Figure 8.4-61: Conducted emission at the upper frequency block edge of low channel

Frequency: 740 MHz Mode: Single-carrier operation
Meas. BW: 30 kHz Tech.: LTE 10 MHz
Limit: -19 dBm/30 kHz Notes: None



Figure 8.4-62: Conducted emission 100 kHz away from the upper frequency block edge of low channel

Frequency: 740.1 MHz Mode: Single-carrier operation
Meas. BW: 100 kHz Tech.: LTE 10 MHz
Limit: -19 dBm/100 kHz Notes: None

Test data, continued

On the plots below the measured *Channel Power* value in the “*Total Channel Power*” column must be -19 dBm and lower.



Figure 8.4-63: Conducted emission at the upper band edge

Frequency: 746 MHz Mode: Single-carrier operation
Meas. BW: 30 kHz Tech.: LTE 10 MHz
Limit: -19 dBm/30 kHz Notes: None



Figure 8.4-64: Conducted emission 100 kHz away from the upper band edge

Frequency: 746.1 MHz Mode: Single-carrier operation
Meas. BW: 100 kHz Tech.: LTE 10 MHz
Limit: -19 dBm/100 kHz Notes: None

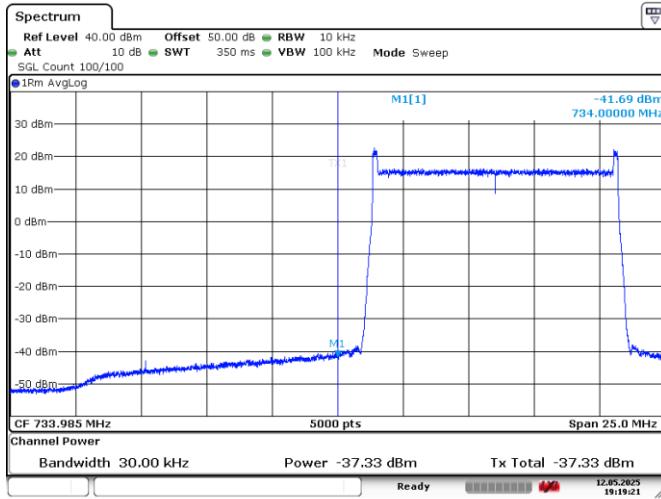


Figure 8.4-65: Conducted emission at lower frequency block edge of top channel

Frequency: 734 MHz Mode: Single-carrier operation
Meas. BW: 30 kHz Tech.: LTE 10 MHz
Limit: -19 dBm/30 kHz Notes: None

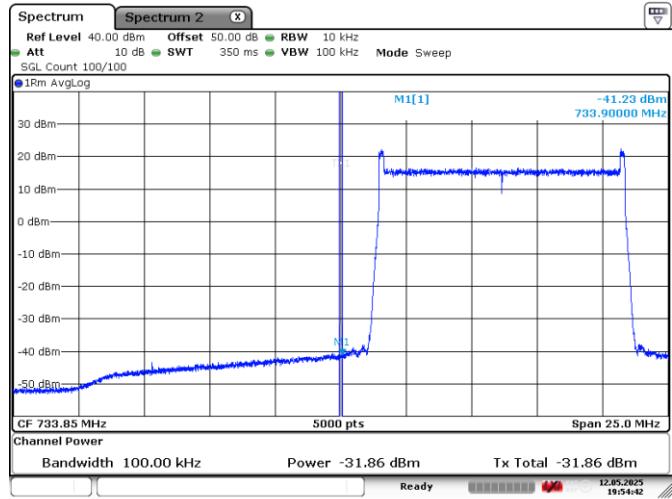


Figure 8.4-66: Conducted emission 100 kHz away from lower frequency block edge of top channel

Frequency: 733.9 MHz Mode: Single-carrier operation
Meas. BW: 100 kHz Tech.: LTE 10 MHz
Limit: -19 dBm/100 kHz Notes: None

Test data, continued

On the plots below the measured *Channel Power* value in the “*Total Channel Power*” column must be **-19 dBm** and lower.



Figure 8.4-67: Conducted emission at the lower band edge

Frequency: 728 MHz
Meas. BW: 30 kHz
Limit: -19 dBm/30 kHz

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

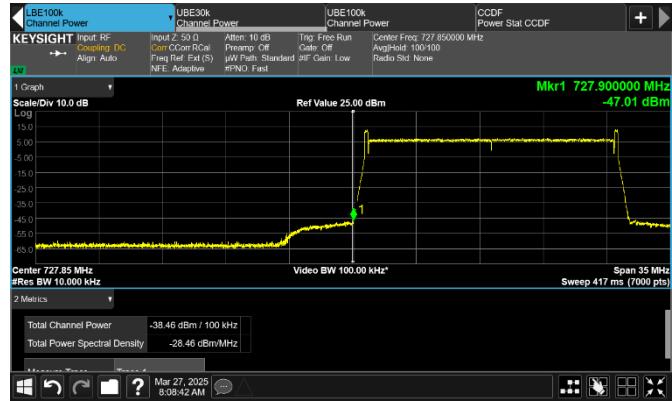


Figure 8.4-68: Conducted emission 100 kHz away from the lower band edge

Frequency: 727.9 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

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



Figure 8.4-69: Conducted emission at the upper frequency block edge of low channel

Frequency: 746 MHz
Meas. BW: 30 kHz
Limit: -19 dBm/30 kHz

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



Figure 8.4-70: Conducted emission 100 kHz away from the upper frequency block edge of low channel

Frequency: 746.1 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

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

Test data, continued

On the plots below the measured *Channel Power* value in the “*Total Channel Power*” column must be -19 dBm and lower.



Figure 8.4-71: Conducted emission at the upper band edge

Frequency: 746 MHz Mode: Single-carrier operation
Meas. BW: 30 kHz Tech.: LTE 15 MHz
Limit: -19 dBm/30 kHz Notes: None

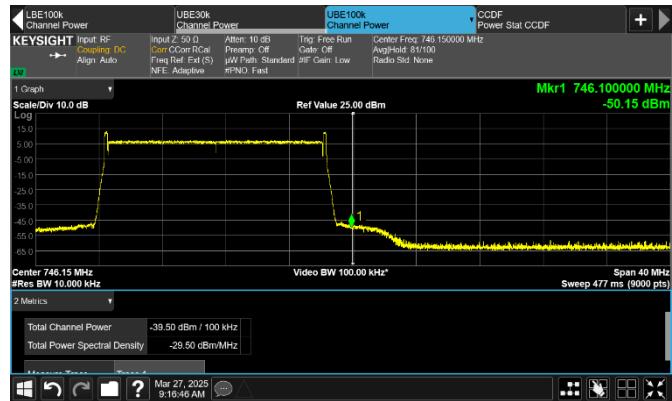


Figure 8.4-72: Conducted emission 100 kHz away from the upper band edge

Frequency: 746.1 MHz Mode: Single-carrier operation
Meas. BW: 100 kHz Tech.: LTE 15 MHz
Limit: -19 dBm/100 kHz Notes: None



Figure 8.4-73: Conducted emission at lower frequency block edge of top channel

Frequency: 728 MHz Mode: Single-carrier operation
Meas. BW: 30 kHz Tech.: LTE 15 MHz
Limit: -19 dBm/30 kHz Notes: None



Figure 8.4-74: Conducted emission 100 kHz away from lower frequency block edge of top channel

Frequency: 727.9 MHz Mode: Single-carrier operation
Meas. BW: 100 kHz Tech.: LTE 15 MHz
Limit: -19 dBm/100 kHz Notes: None

Test data, continued

On the plots below the measured **Channel Power** value in the “**Total Channel Power**” column must be **-19 dBm** and lower.



Figure 8.4-75: Conducted emission at the lower band edge

Frequency: 728 MHz Mode: Single-carrier operation
Meas. BW: 30 kHz Tech.: NR 3 MHz
Limit: -19 dBm/30 kHz Notes: None

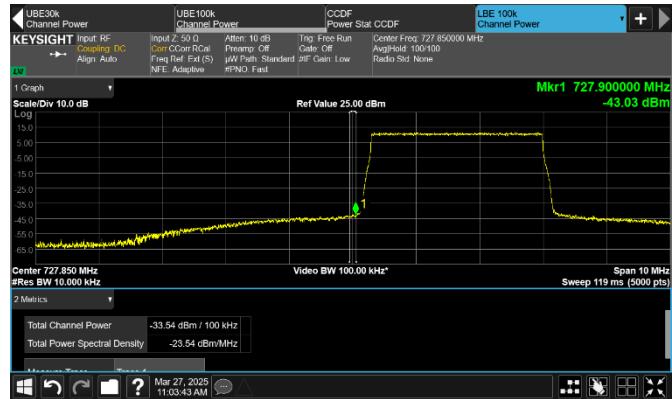


Figure 8.4-76: Conducted emission 100 kHz away from the lower band edge

Frequency: 727.9 MHz Mode: Single-carrier operation
Meas. BW: 100 kHz Tech.: NR 3 MHz
Limit: -19 dBm/100 kHz Notes: None

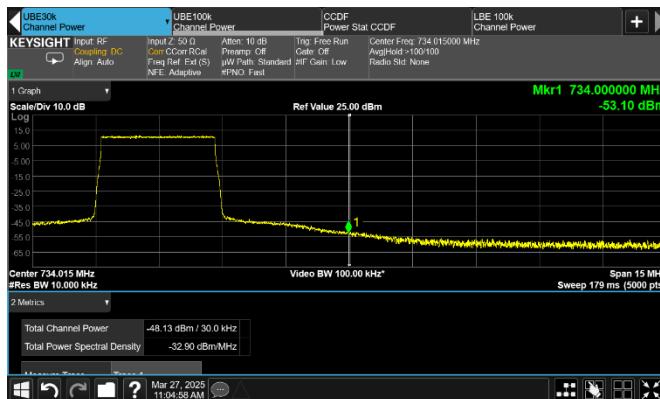


Figure 8.4-77: Conducted emission at the upper frequency block edge of low channel

Frequency: 734 MHz Mode: Single-carrier operation
Meas. BW: 30 kHz Tech.: NR 3 MHz
Limit: -19 dBm/30 kHz Notes: None

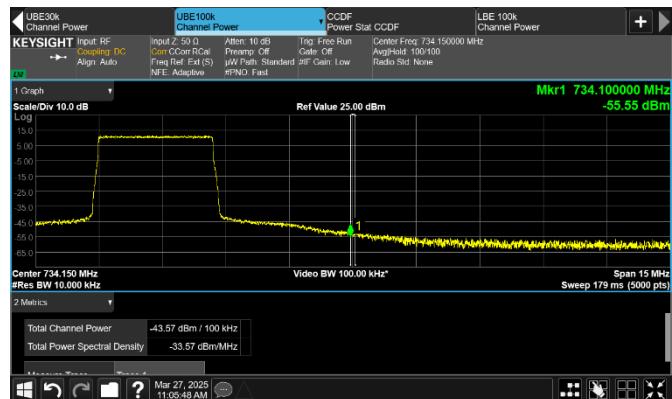


Figure 8.4-78: Conducted emission 100 kHz away from the upper frequency block edge of low channel

Frequency: 734.1 MHz Mode: Single-carrier operation
Meas. BW: 100 kHz Tech.: NR 3 MHz
Limit: -19 dBm/100 kHz Notes: None

Test data, continued

On the plots below the measured *Channel Power* value in the “*Total Channel Power*” column must be **-19 dBm** and lower.

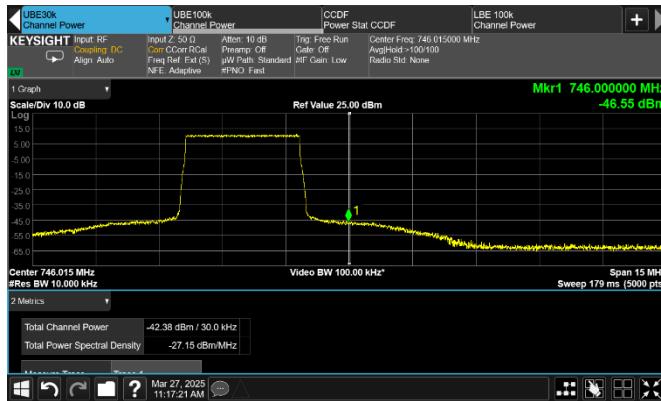


Figure 8.4-79: Conducted emission at the upper band edge

Frequency: 746 MHz
Meas. BW: 30 kHz
Limit: -19 dBm/30 kHz

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



Figure 8.4-80: Conducted emission 100 kHz away from the upper band edge

Frequency: 746.1 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

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

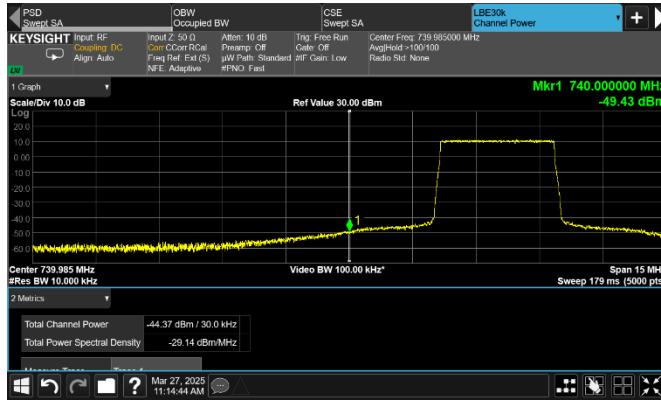


Figure 8.4-81: Conducted emission at the lower frequency block edge of top channel

Frequency: 740 MHz
Meas. BW: 30 kHz
Limit: -19 dBm/30 kHz

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

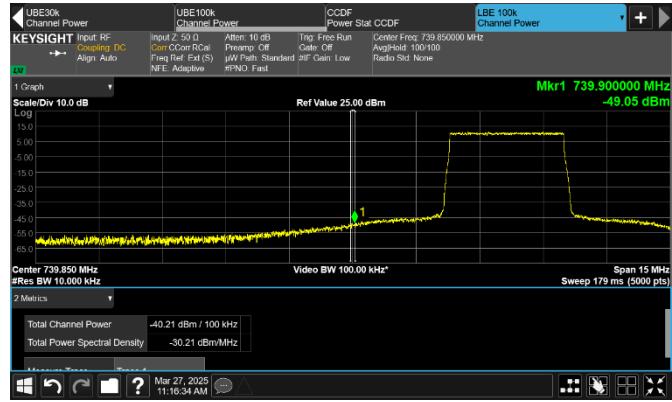


Figure 8.4-82: Conducted emission 100 kHz away from the lower frequency block edge of top channel

Frequency: 739.9 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

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

Test data, continued

On the plots below the measured *Channel Power* value in the “*Total Channel Power*” column must be **-19 dBm** and lower.



Figure 8.4-83: Conducted emission at the lower band edge

Frequency: 728 MHz
Meas. BW: 30 kHz
Limit: -19 dBm/30 kHz

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



Figure 8.4-84: Conducted emission 100 kHz away from the lower band edge

Frequency: 727.9 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

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



Figure 8.4-85: Conducted emission at the upper frequency block edge of low channel

Frequency: 734 MHz
Meas. BW: 30 kHz
Limit: -19 dBm/30 kHz

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



Figure 8.4-86: Conducted emission 100 kHz away from the upper frequency block edge of low channel

Frequency: 734.1 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

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

Test data, continued

On the plots below the measured *Channel Power* value in the “*Total Channel Power*” column must be **-19 dBm** and lower.



Figure 8.4-87: Conducted emission at the upper band edge

Frequency: 746 MHz
Meas. BW: 30 kHz
Limit: -19 dBm/30 kHz

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



Figure 8.4-88: Conducted emission 100 kHz away from the upper band edge

Frequency: 746.1 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

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



Figure 8.4-89: Conducted emission at the lower frequency block edge of top channel

Frequency: 740 MHz
Meas. BW: 30 kHz
Limit: -19 dBm/30 kHz

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

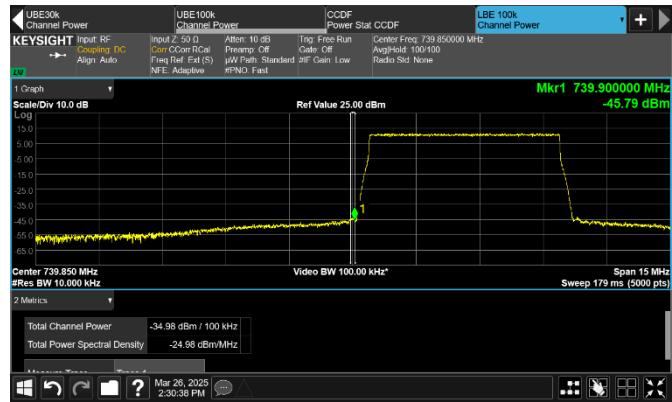


Figure 8.4-90: Conducted emission 100 kHz away from the lower frequency block edge of top channel

Frequency: 739.9 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

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

Test data, continued

On the plots below the measured *Channel Power* value in the “*Total Channel Power*” column must be **-19 dBm** and lower.



Figure 8.4-91: Conducted emission at the lower band edge

Frequency: 728 MHz
Meas. BW: 30 kHz
Limit: -19 dBm/30 kHz

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

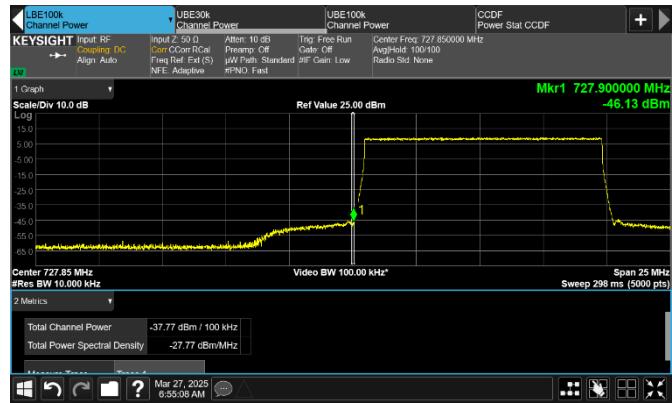


Figure 8.4-92: Conducted emission 100 kHz away from the lower band edge

Frequency: 727.9 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

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

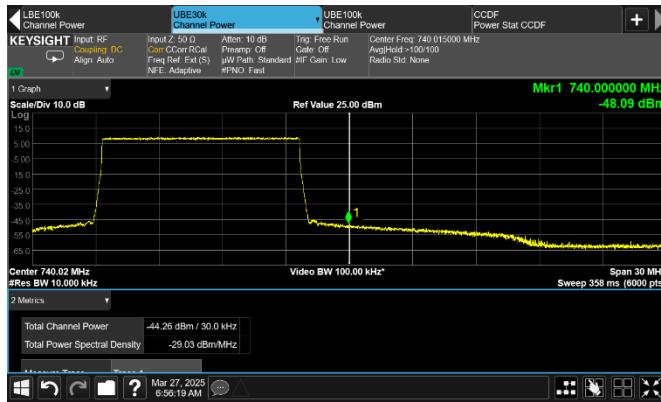


Figure 8.4-93: Conducted emission at the upper frequency block edge of low channel

Frequency: 740 MHz
Meas. BW: 30 kHz
Limit: -19 dBm/30 kHz

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

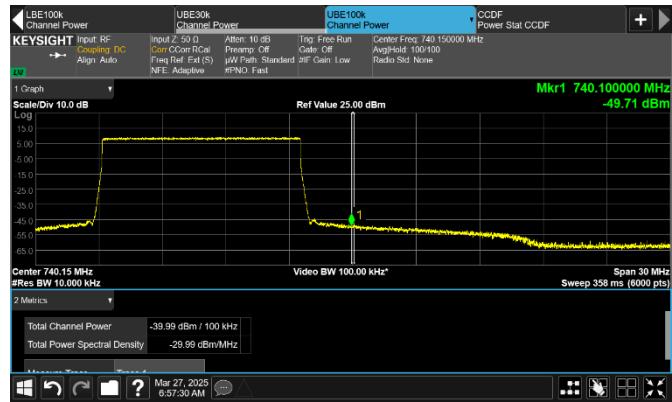


Figure 8.4-94: Conducted emission 100 kHz away from the upper frequency block edge of low channel

Frequency: 740.1 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

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

Test data, continued

On the plots below the measured *Channel Power* value in the “*Total Channel Power*” column must be -19 dBm and lower.



Figure 8.4-95: Conducted emission at the upper band edge

Frequency: 746 MHz Mode: Single-carrier operation
Meas. BW: 30 kHz Tech.: NR 10 MHz
Limit: -19 dBm/30 kHz Notes: None

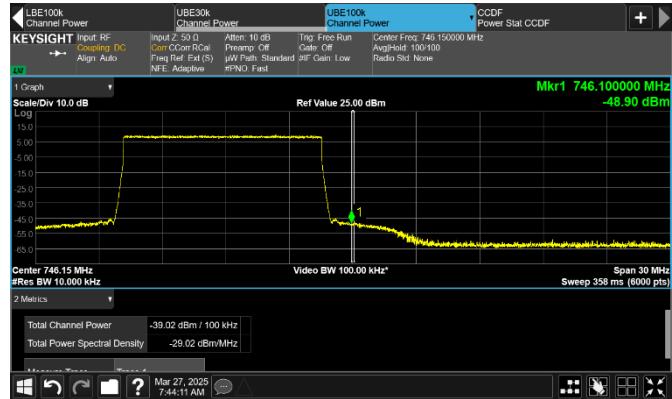


Figure 8.4-96: Conducted emission 100 kHz away from the upper band edge

Frequency: 746.1 MHz Mode: Single-carrier operation
Meas. BW: 100 kHz Tech.: NR 10 MHz
Limit: -19 dBm/100 kHz Notes: None

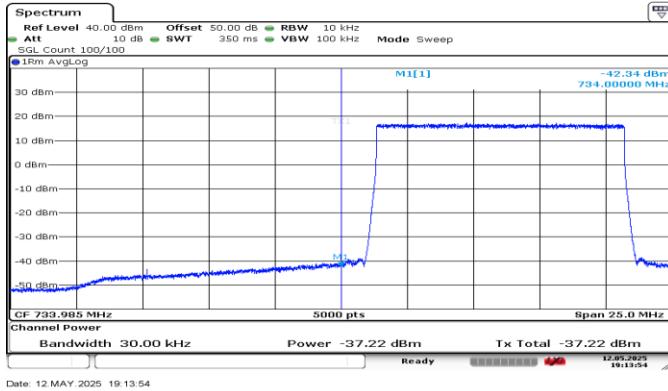


Figure 8.4-97: Conducted emission at lower frequency block edge of top channel

Frequency: 734 MHz Mode: Single-carrier operation
Meas. BW: 30 kHz Tech.: NR 10 MHz
Limit: -19 dBm/30 kHz Notes: None

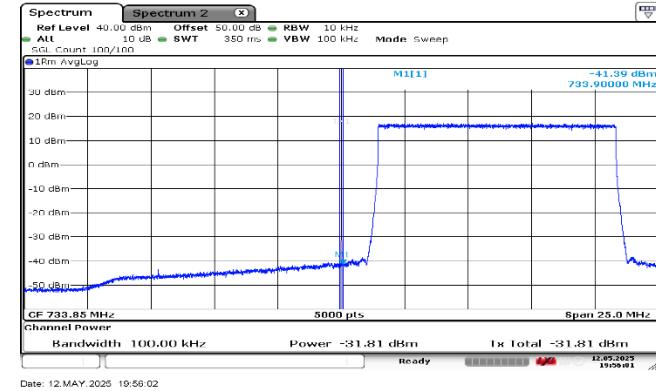


Figure 8.4-98: Conducted emission 100 kHz away from lower frequency block edge of top channel

Frequency: 733.9 MHz Mode: Single-carrier operation
Meas. BW: 100 kHz Tech.: NR 10 MHz
Limit: -19 dBm/100 kHz Notes: None

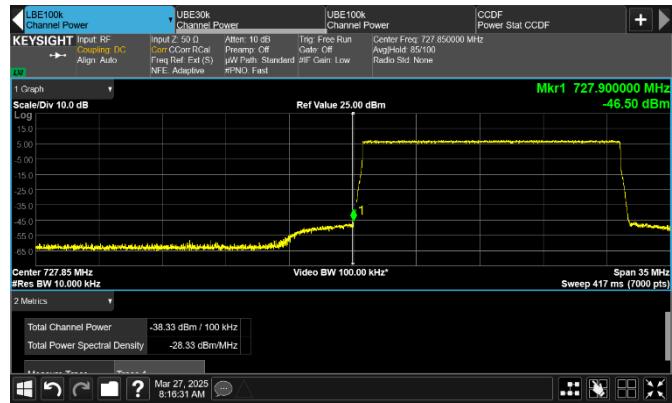
Test data, continued

On the plots below the measured *Channel Power* value in the “*Total Channel Power*” column must be -19 dBm and lower.



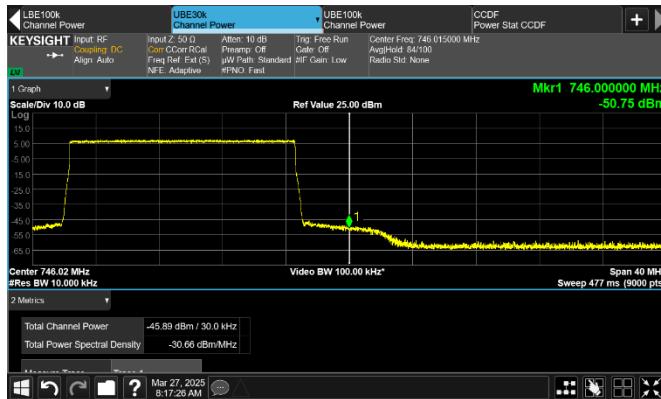
Frequency: 728 MHz
Meas. BW: 30 kHz
Limit: -19 dBm/30 kHz

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



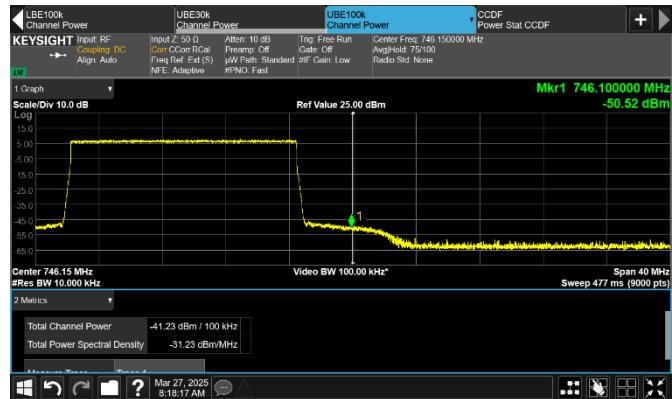
Frequency: 727.9 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

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



Frequency: 746 MHz
Meas. BW: 30 kHz
Limit: -19 dBm/30 kHz

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



Frequency: 746.1 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

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

Test data, continued

On the plots below the measured *Channel Power* value in the “*Total Channel Power*” column must be -19 dBm and lower.



Frequency: 746 MHz
Meas. BW: 30 kHz
Limit: -19 dBm/30 kHz

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



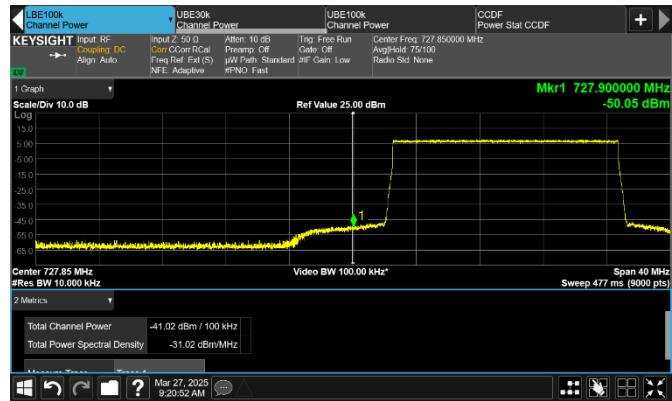
Frequency: 746.1 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

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



Frequency: 728 MHz
Meas. BW: 30 kHz
Limit: -19 dBm/30 kHz

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



Frequency: 727.9 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

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

Test data, continued

On the plots below the measured *Channel Power* value in the “*Total Channel Power*” column must be -16 dBm and lower.

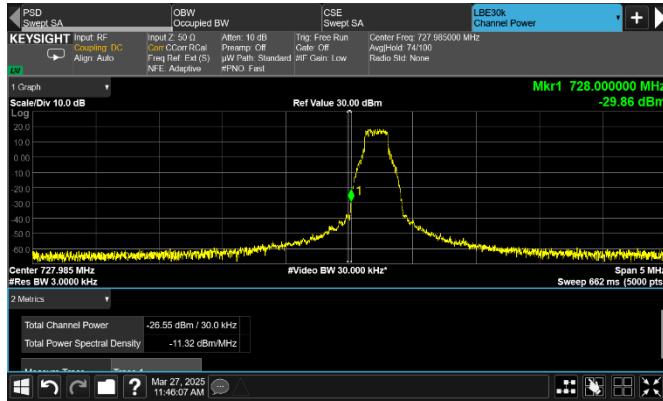


Figure 8.4-107: Conducted emission at the lower band edge

Frequency: 728 MHz
Meas. BW: 30 kHz
Limit: -16 dBm/30 kHz

Mode: Single-carrier operation
Tech.: IoT SA
Notes: None

Note: Due to the narrow bandwidth of the IoT standalone channel (400 kHz) relative to the 6 MHz frequency block, emissions at the upper block edge for the low channel were not tested. These emissions are expected to be significantly lower than those observed at the lower band edge, and therefore not considered critical for evaluation.

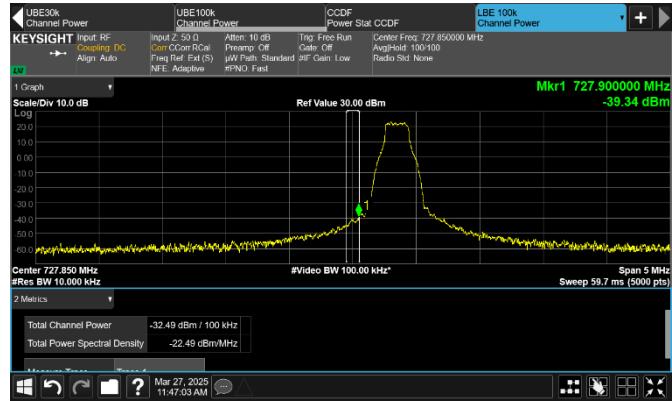


Figure 8.4-108: Conducted emission 100 kHz away from the lower band edge

Frequency: 727.9 MHz
Meas. BW: 100 kHz
Limit: -16 dBm/100 kHz

Mode: Single-carrier operation
Tech.: IoT SA
Notes: None

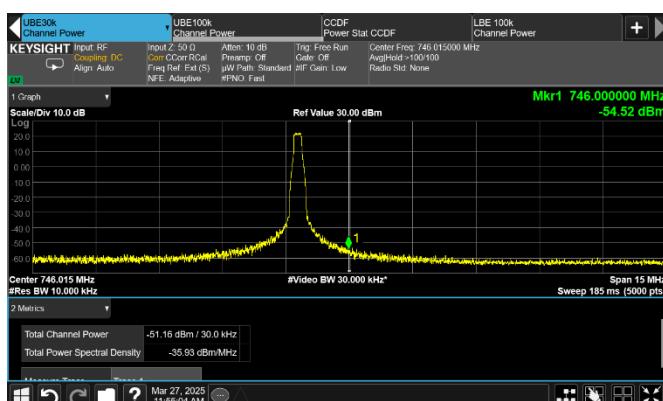


Figure 8.4-109: Conducted emission at the upper band edge

Frequency: 746 MHz
Meas. BW: 30 kHz
Limit: -16 dBm/30 kHz

Mode: Single-carrier operation
Tech.: IoT SA
Notes: None

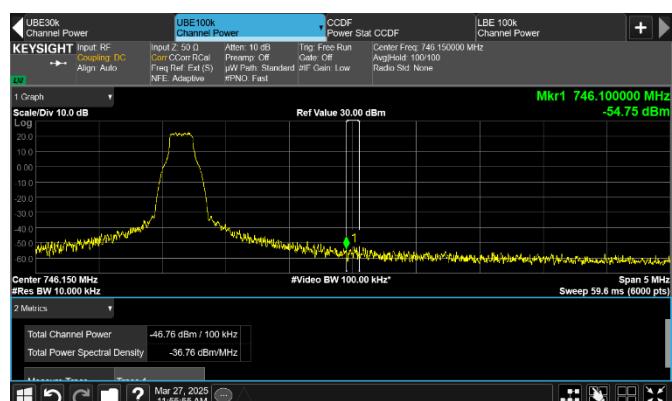


Figure 8.4-110: Conducted emission 100 kHz away from the upper band edge

Frequency: 746.1 MHz
Meas. BW: 100 kHz
Limit: -16 dBm/100 kHz

Mode: Single-carrier operation
Tech.: IoT SA
Notes: None

Note: Due to the narrow bandwidth of the IoT standalone channel (400 kHz) relative to the 6 MHz frequency block, emissions at the lower block edge for the top channel were not tested. These emissions are expected to be significantly lower than those observed at the upper band edge, and therefore not considered critical for evaluation.

Test data, continued

On the plots below the measured *Channel Power* value in the “*Total Channel Power*” column must be -19 dBm and lower.



Figure 8.4-111: Conducted emission at the lower band edge

Frequency: 728 MHz
Meas. BW: 30 kHz
Limit: -19 dBm/30 kHz

Mode: 2-carrier operation
Tech.: 2xLTE 5 MHz
Notes: Contiguous



Figure 8.4-112: Conducted emission 100 kHz away from the lower band edge

Frequency: 727.9 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

Mode: 2-carrier operation
Tech.: 2xLTE 5 MHz
Notes: Contiguous



Figure 8.4-113: Conducted emission at the upper frequency block edge of low channel

Frequency: 740 MHz
Meas. BW: 30 kHz
Limit: -19 dBm/30 kHz

Mode: 2-carrier operation
Tech.: 2xLTE 5 MHz
Notes: Contiguous



Figure 8.4-114: Conducted emission 100 kHz away from the upper frequency block edge of low channel

Frequency: 740.1 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

Mode: 2-carrier operation
Tech.: 2xLTE 5 MHz
Notes: Contiguous

Test data, continued

On the plots below the measured *Channel Power* value in the “*Total Channel Power*” column must be -19 dBm and lower.



Figure 8.4-115: Conducted emission at the upper band edge

Frequency: 746 MHz Mode: 2-carrier operation
Meas. BW: 30 kHz Tech.: 2xLTE 5 MHz
Limit: -19 dBm/30 kHz Notes: Contiguous



Figure 8.4-116: Conducted emission 100 kHz away from the band edge

Frequency: 746.1 MHz Mode: 2-carrier operation
Meas. BW: 100 kHz Tech.: 2xLTE 5 MHz
Limit: -19 dBm/100 kHz Notes: Contiguous

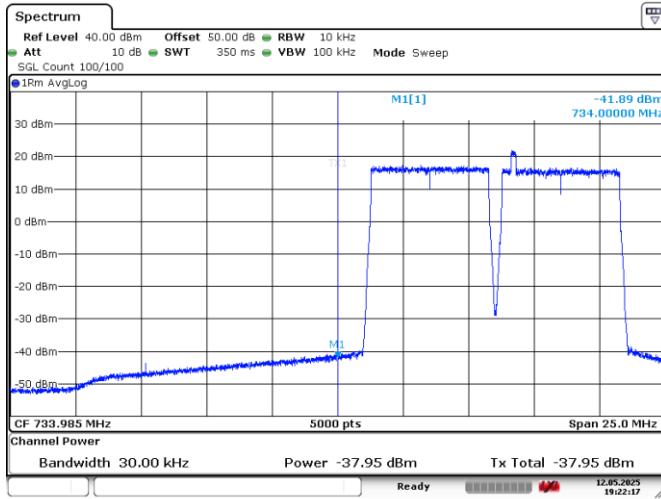


Figure 8.4-117: Conducted emission at the lower frequency block edge of top channel

Frequency: 734 MHz Mode: 2-carrier operation
Meas. BW: 30 kHz Tech.: 2xLTE 5 MHz
Limit: -19 dBm/30 kHz Notes: Contiguous

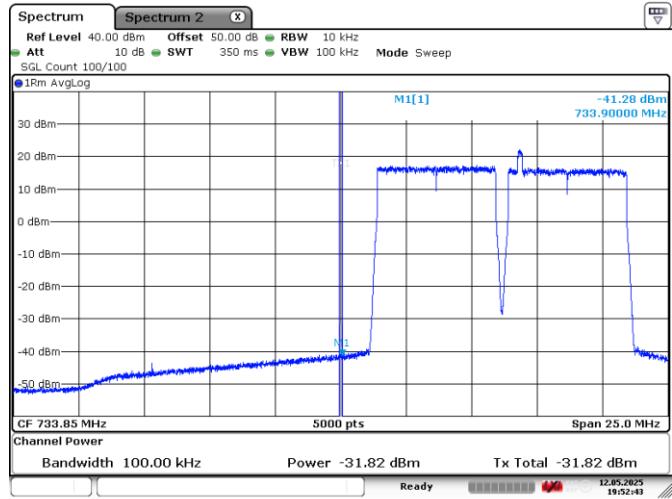


Figure 8.4-118: Conducted emission 100 kHz away from the lower frequency block edge of top channel

Frequency: 733.9 MHz Mode: 2-carrier operation
Meas. BW: 100 kHz Tech.: 2xLTE 5 MHz
Limit: -19 dBm/100 kHz Notes: Contiguous

Test data, continued

On the plots below the measured *Channel Power* value in the “*Total Channel Power*” column must be -19 dBm and lower.



Figure 8.4-119: Conducted emission at the lower band edge

Frequency: 728 MHz
Meas. BW: 30 kHz
Limit: -19 dBm/30 kHz

Mode: 3-carrier operation
Tech.: 3xLTE 5 MHz
Notes: Contiguous



Figure 8.4-120: Conducted emission 100 kHz away from the lower band edge

Frequency: 727.9 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

Mode: 3-carrier operation
Tech.: 3xLTE 5 MHz
Notes: Contiguous



Figure 8.4-121: Conducted emission at the upper frequency block edge of low channel

Frequency: 746 MHz
Meas. BW: 30 kHz
Limit: -19 dBm/30 kHz

Mode: 3-carrier operation
Tech.: 3xLTE 5 MHz
Notes: Contiguous

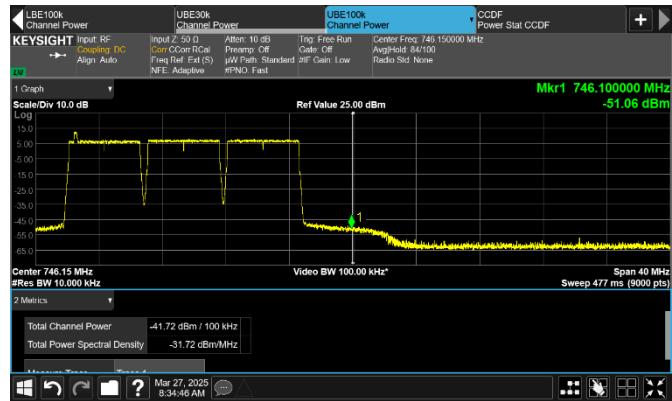


Figure 8.4-122: Conducted emission 100 kHz away from the upper frequency block edge of low channel

Frequency: 746.1 MHz
Meas. BW: 100 kHz
Limit: -19 dBm/100 kHz

Mode: 3-carrier operation
Tech.: 3xLTE 5 MHz
Notes: Contiguous

Test data, continued

On the plots below the measured *Channel Power* value in the “*Total Channel Power*” column must be -19 dBm and lower.



Figure 8.4-123: Conducted emission at the upper band edge

Frequency: 746 MHz Mode: 3-carrier operation
Meas. BW: 30 kHz Tech.: 3xLTE 5 MHz
Limit: -19 dBm/30 kHz Notes: Contiguous



Figure 8.4-124: Conducted emission 100 kHz away from the band edge

Frequency: 746.1 MHz Mode: 3-carrier operation
Meas. BW: 100 kHz Tech.: 3xLTE 5 MHz
Limit: -19 dBm/100 kHz Notes: Contiguous



Figure 8.4-125: Conducted emission at the lower frequency block edge of top channel

Frequency: 728 MHz Mode: 3-carrier operation
Meas. BW: 30 kHz Tech.: 3xLTE 5 MHz
Limit: -19 dBm/30 kHz Notes: Contiguous



Figure 8.4-126: Conducted emission 100 kHz away from the lower frequency block edge of top channel

Frequency: 727.9 MHz Mode: 3-carrier operation
Meas. BW: 100 kHz Tech.: 3xLTE 5 MHz
Limit: -19 dBm/100 kHz Notes: Contiguous