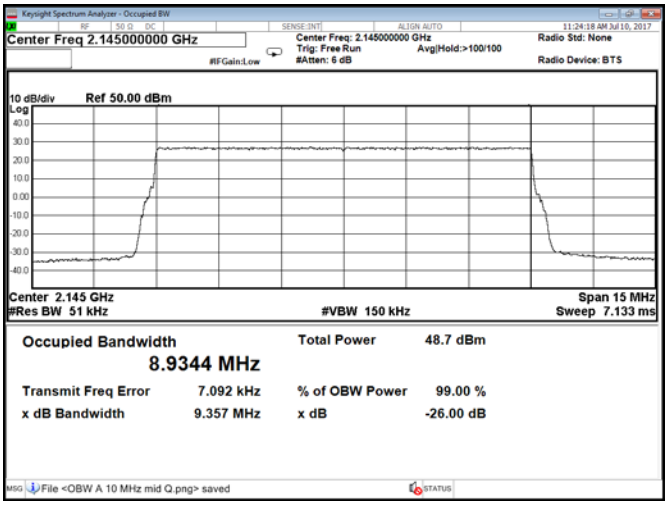


Figure 8.5-11: *Occupied bandwidth, QPSK, 510 MHz, Port B, Mid channel*

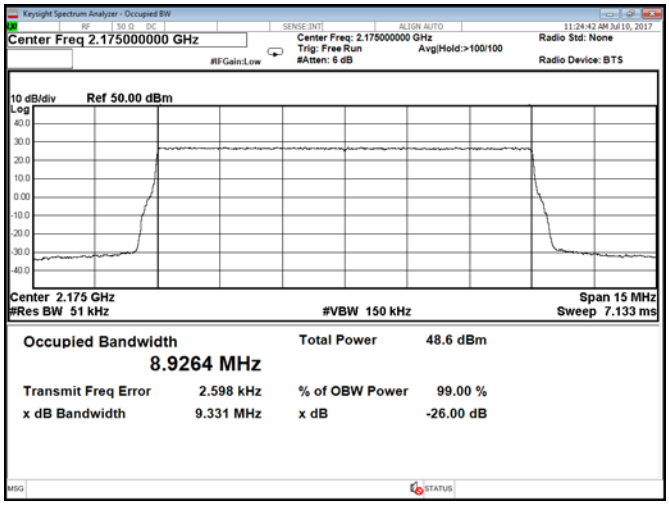


Figure 8.5-12: *Occupied bandwidth, QPSK, 10 MHz, Port B, High channel*

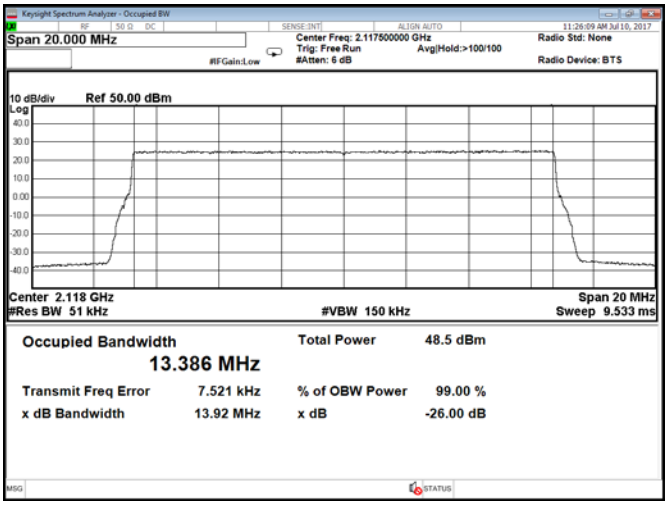


Figure 8.5-13: *Occupied bandwidth, QPSK, 15 MHz, Port A, Low channel*

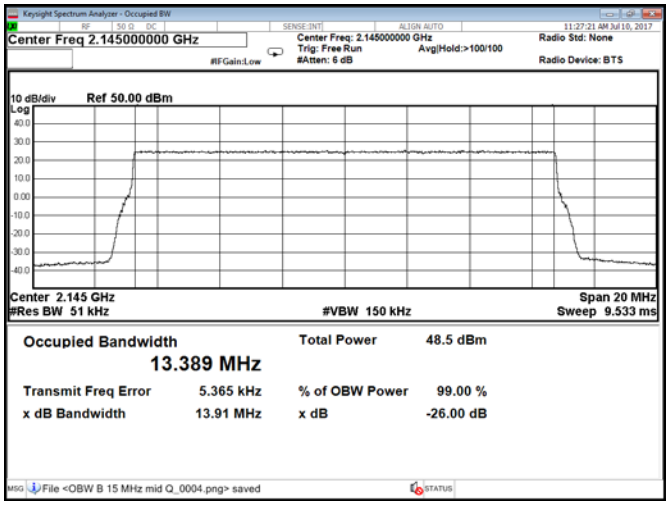


Figure 8.5-14: *Occupied bandwidth, QPSK, 15 MHz, Port A, Mid channel*

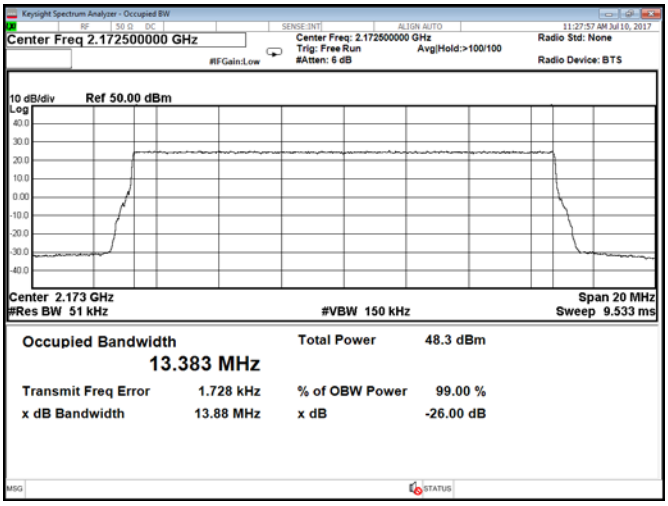


Figure 8.5-15: *Occupied bandwidth, QPSK, 15 MHz, Port A, High channel*

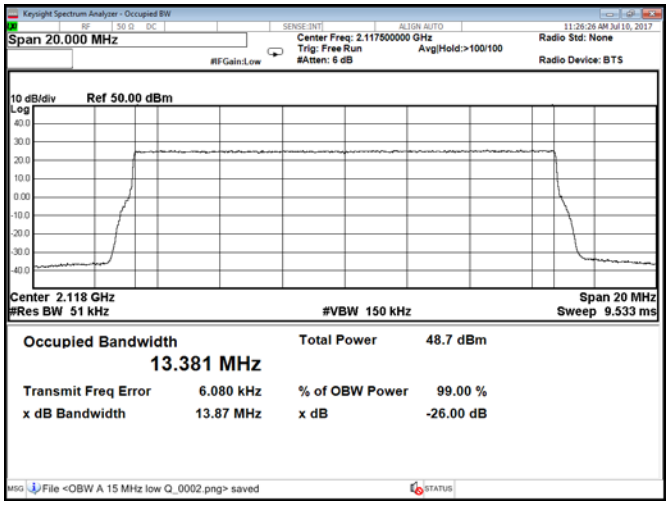


Figure 8.5-16: *Occupied bandwidth, QPSK, 15 MHz, Port B, Low channel*

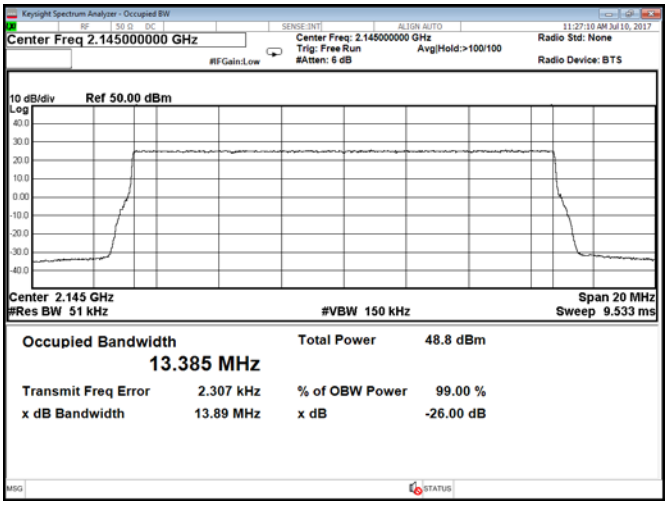


Figure 8.5-17: *Occupied bandwidth, QPSK, 15 MHz, Port B, Mid channel*

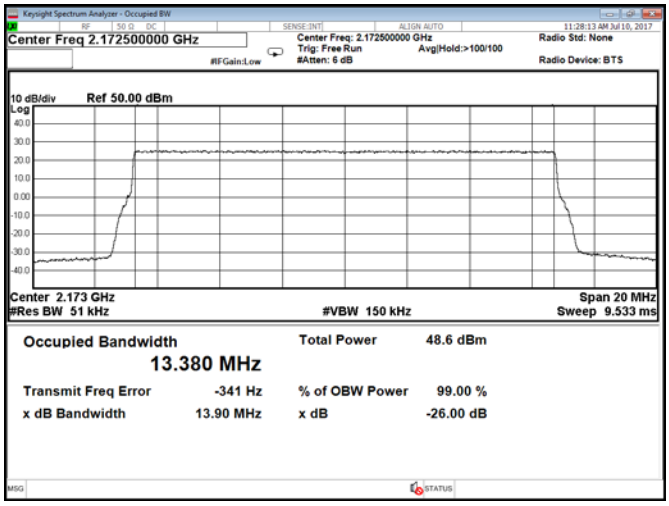


Figure 8.5-18: *Occupied bandwidth, QPSK, 15 MHz, Port B, High channel*

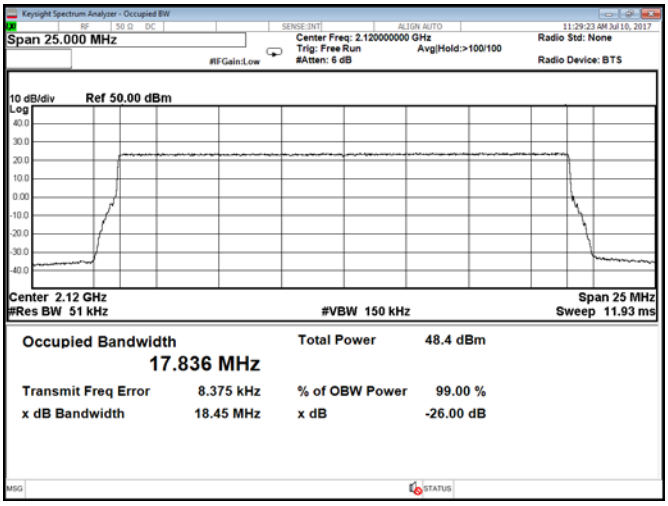


Figure 8.5-19: *Occupied bandwidth, QPSK, 20 MHz, Port A, Low channel*

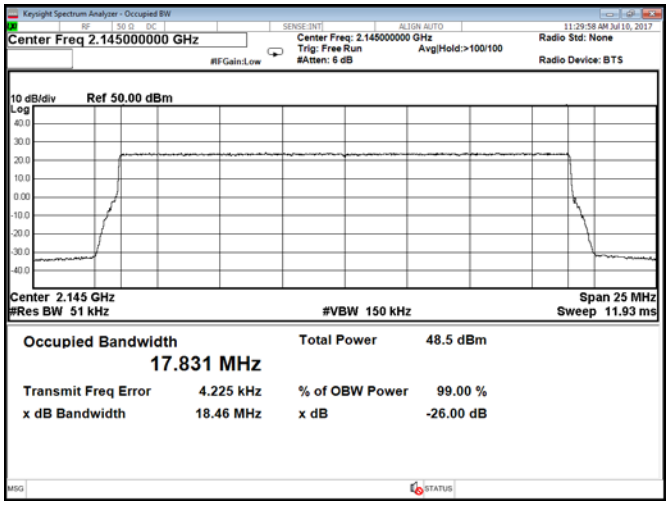


Figure 8.5-20: *Occupied bandwidth, QPSK, 20 MHz, Port A, Mid channel*

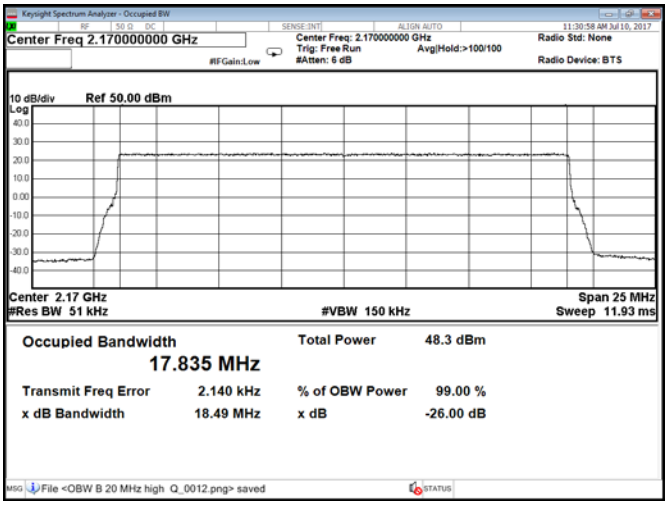


Figure 8.5-21: *Occupied bandwidth, QPSK, 20 MHz, Port A, High channel*

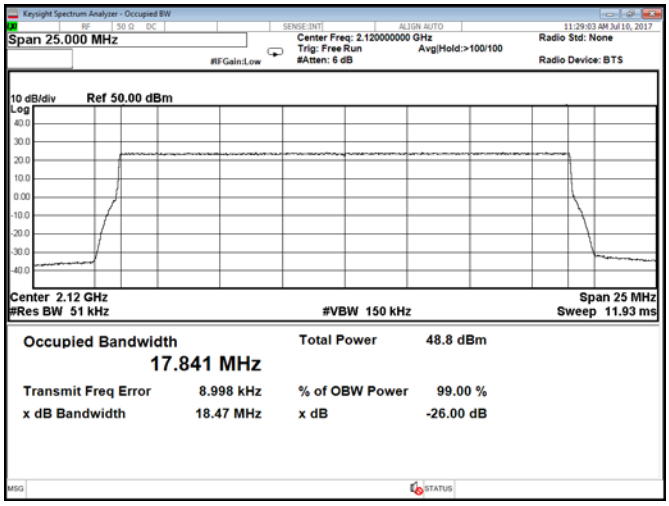


Figure 8.5-22: *Occupied bandwidth, QPSK, 20 MHz, Port B, Low channel*

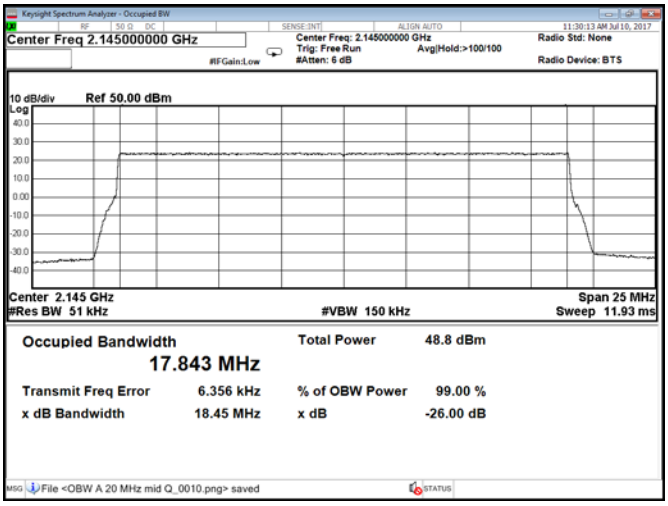


Figure 8.5-23: *Occupied bandwidth, QPSK, 20 MHz, Port B, Mid channel*

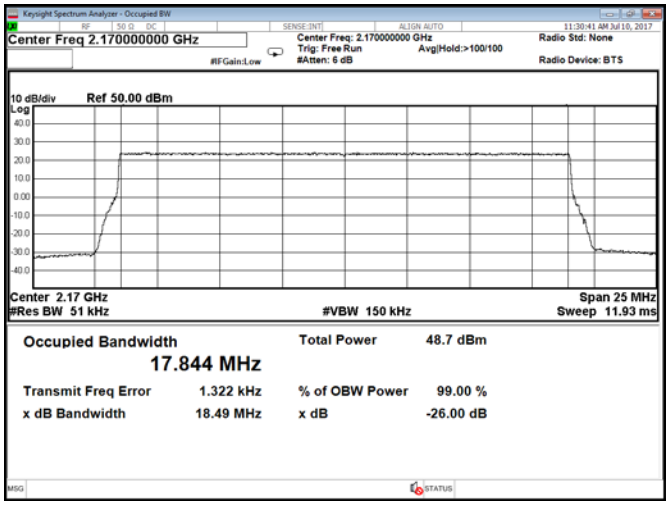


Figure 8.5-24: *Occupied bandwidth, QPSK, 20 MHz, Port B, High channel*

8.6 RSS-Gen, 7.1.3 Receiver conducted limits

8.6.1 Definitions and limits

If the receiver has a detachable antenna of known impedance, an antenna-conducted spurious emissions measurement is permitted as an alternative to radiated measurement. However, the radiated method of Section 7.1.2 is preferred.

The antenna-conducted test shall be performed with the antenna disconnected and with the receiver antenna terminals connected to a measuring instrument having equal impedance to that specified for the antenna.

The receiver-spurious emissions measured at the antenna terminals by the antenna-conducted method shall then comply with the following limits:

Receiver-spurious emissions at any discrete frequency shall not exceed 2 nW in the band 30–1000 MHz, nor 5 nW above 1000 MHz.

8.6.2 Test summary

Test date	July 13, 2017	Temperature	22 °C
Test engineer	Andrey Adelberg	Air pressure	1009 mbar
Verdict	Pass	Relative humidity	33 %

8.6.3 Observations, settings and special notes

Spectrum analyzer settings:

Detector mode	Peak
Resolution bandwidth	120 kHz (below 1 GHz), 1 MHz (above 1 GHz)
Video bandwidth	RBW × 3
Trace mode	Max Hold

8.6.4 Test data

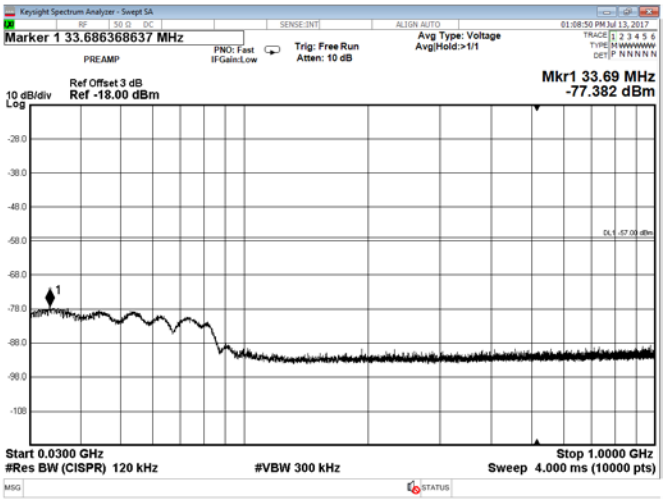


Figure 8.6-1: *Receiver spurious emissions at port A, below 1 GHz*

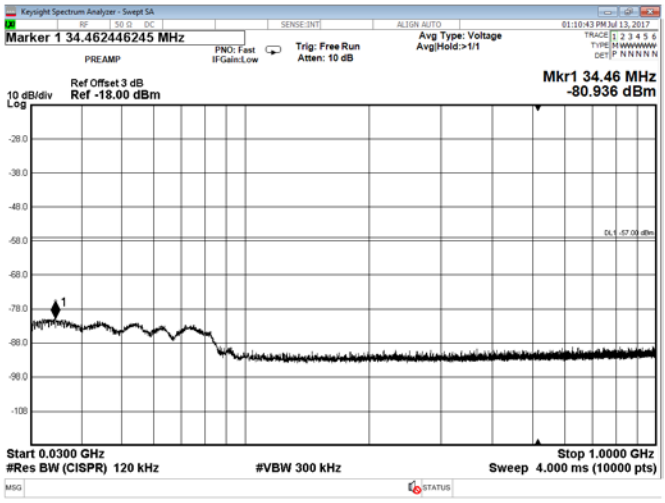


Figure 8.6-2: *Receiver spurious emissions at Port B, below 1 GHz*

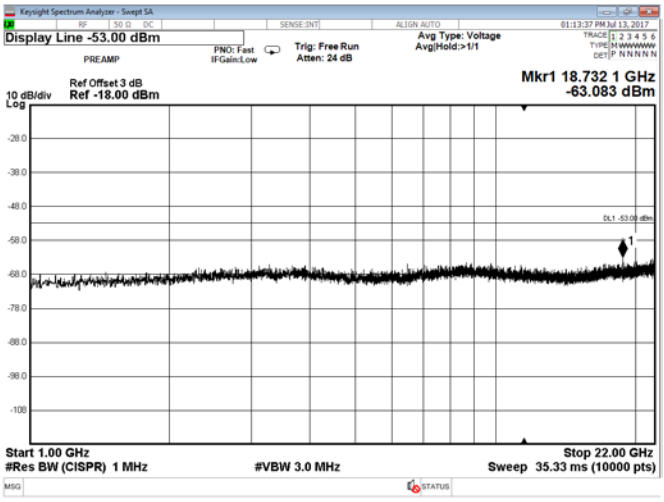


Figure 8.6-3: *Receiver spurious emissions at port A, above 1 GHz*

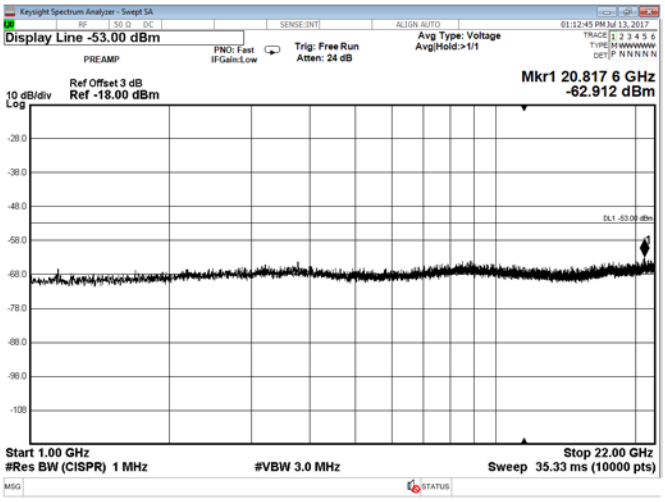
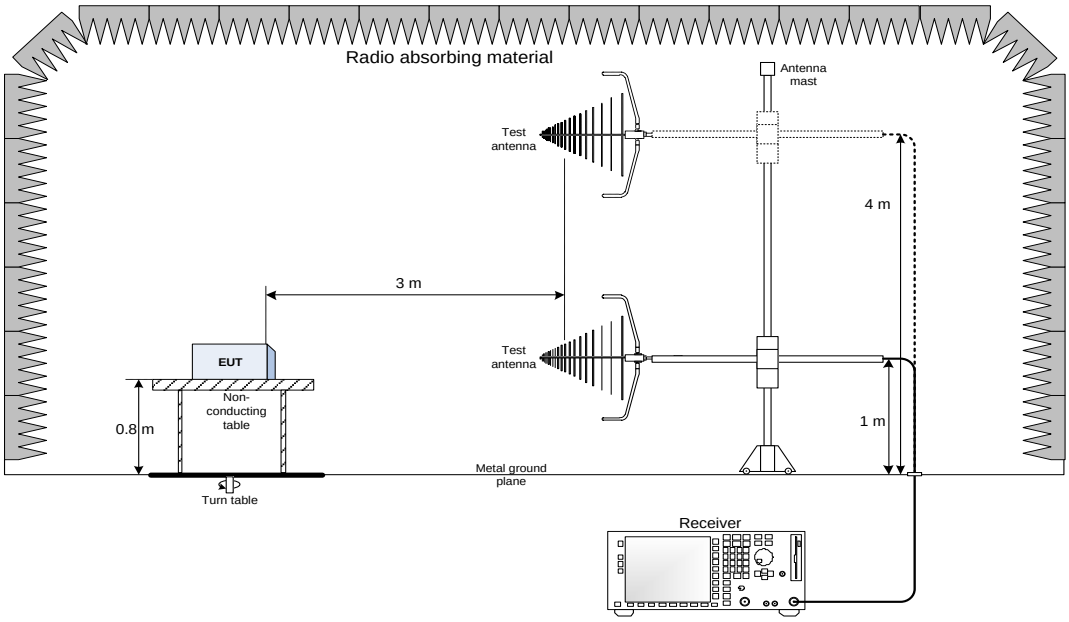


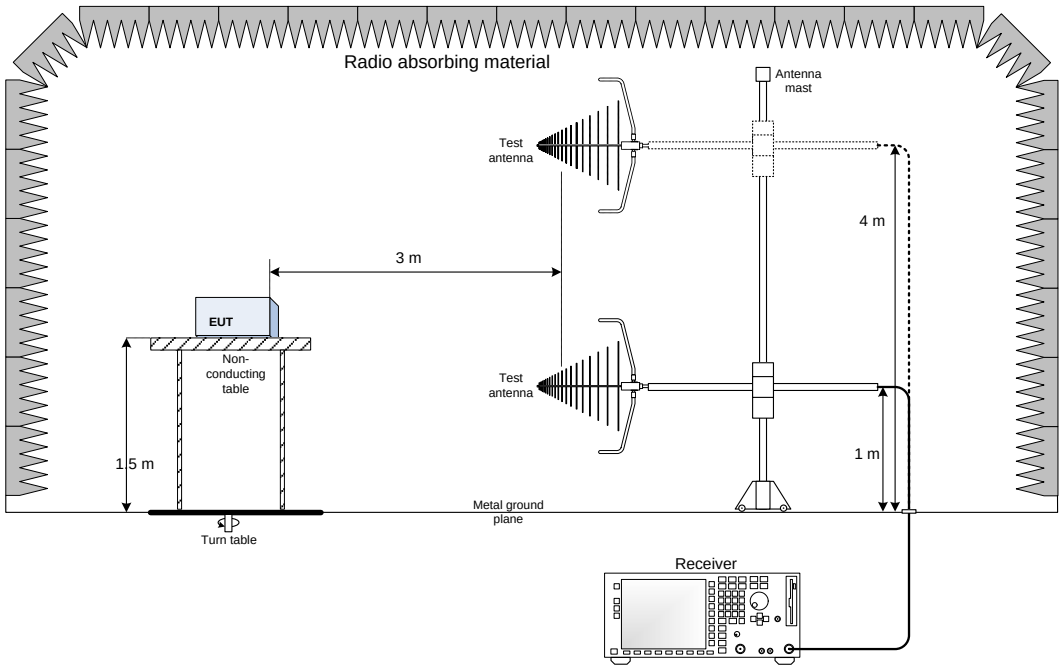
Figure 8.6-4: *Receiver spurious emissions at Port B, above 1 GHz*

Section 9. Block diagrams of test set-ups

9.1 Radiated emissions set-up for frequencies below 1 GHz



9.2 Radiated emissions set-up for frequencies above 1 GHz



9.3 Conducted emissions set-up