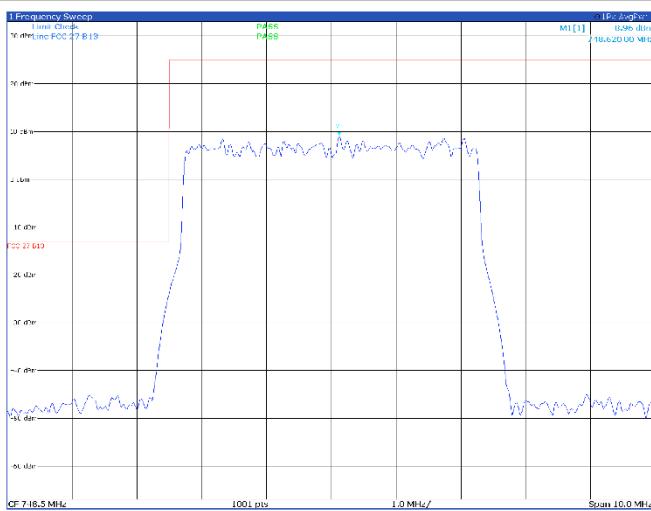
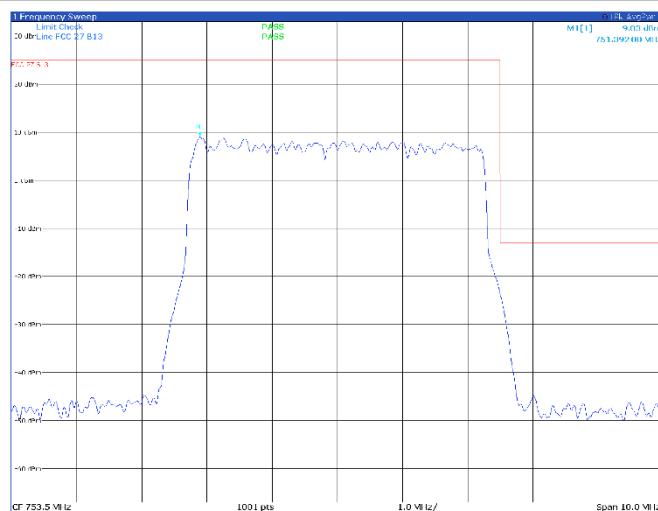
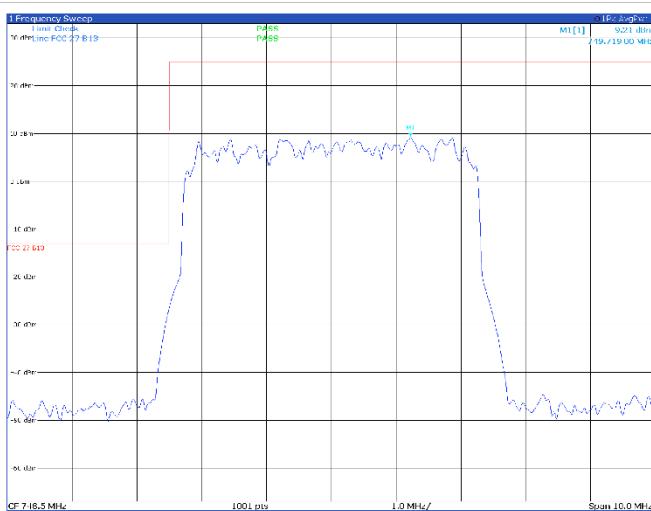
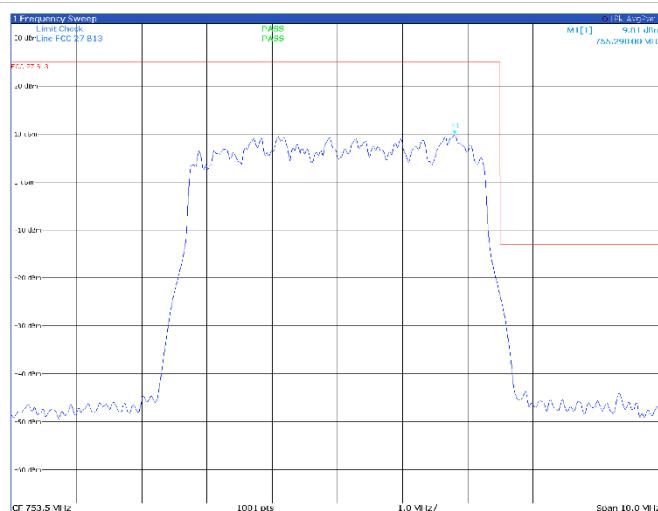
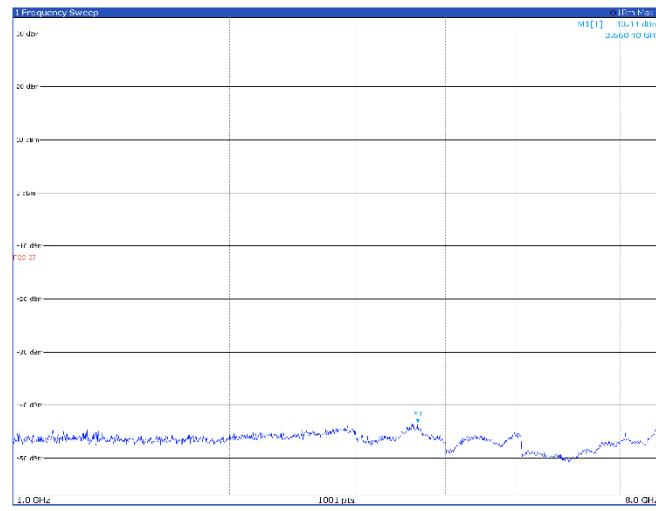
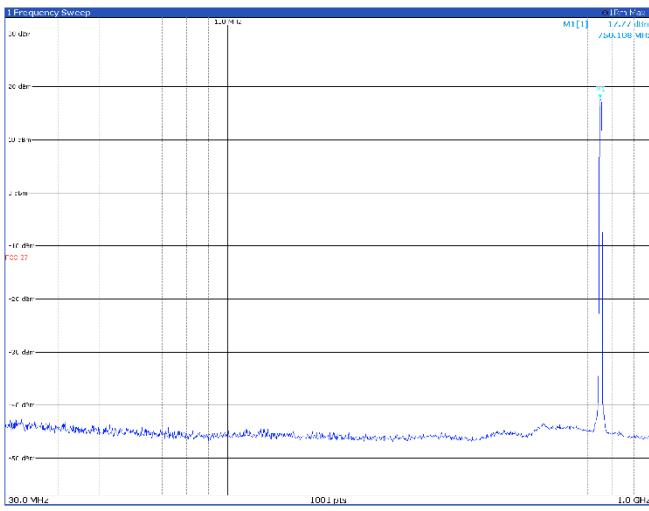
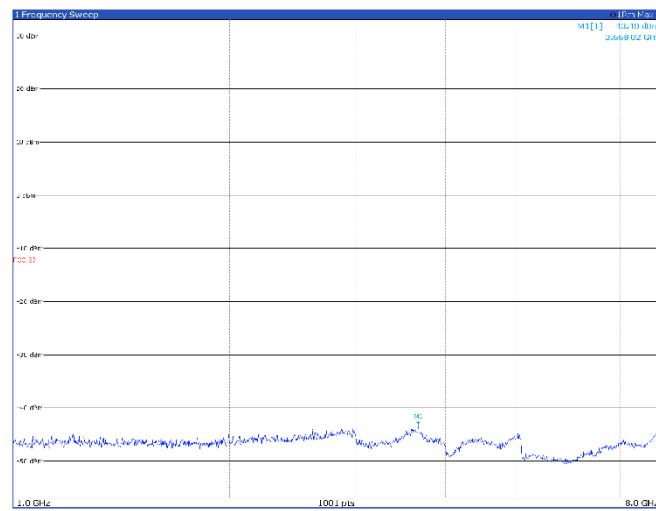
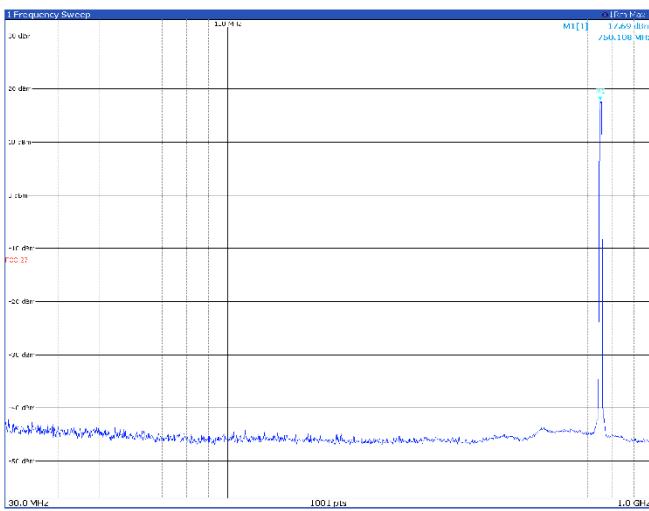


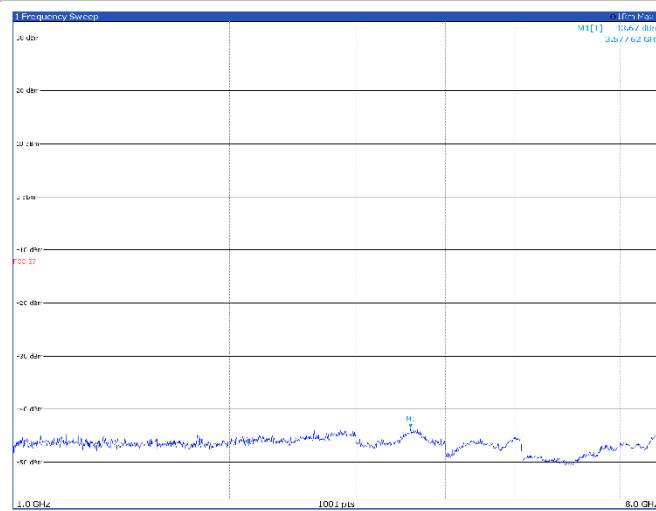
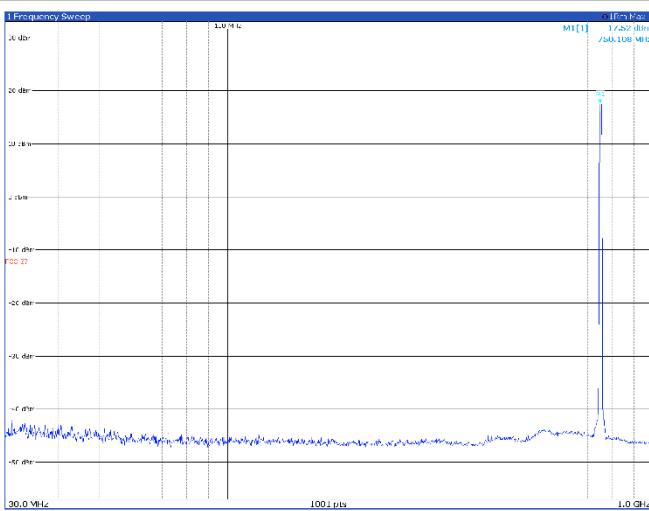
TM3p1a, 5 MHz, low channel

TM3p1a, 5 MHz, high channel

TM3p3, 5 MHz, low channel

TM3p3, 5 MHz, high channel


Band B13 – conducted emissions Antenna port 1
10 MHz
TM1.1, 10 MHz, mid channel


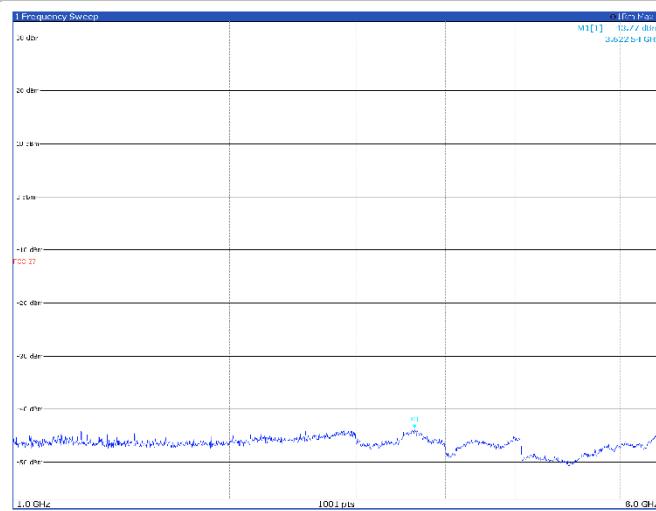
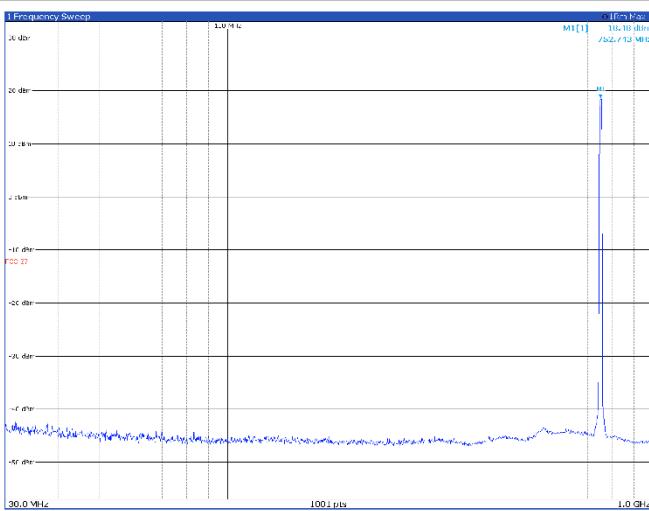
Limit exceeded by the carrier

TM3p1, 10 MHz, mid channel


Limit exceeded by the carrier

TM3p1a, 10 MHz, mid channel


Limit exceeded by the carrier

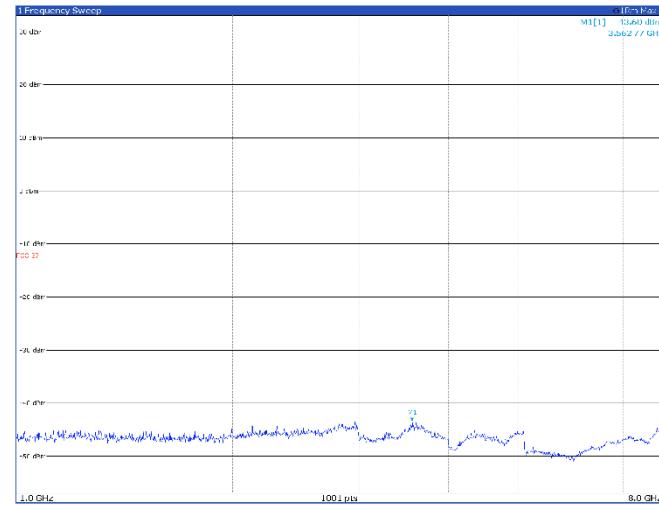
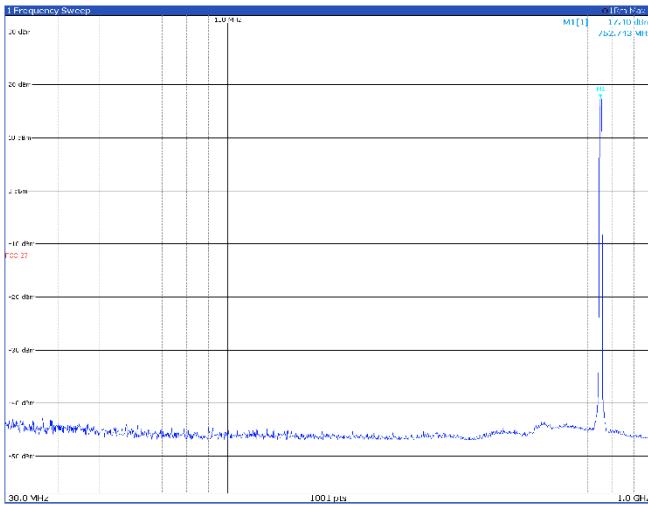
TM3p3, 10 MHz, mid channel


Limit exceeded by the carrier

Band B13 – conducted emissions Antenna port 2

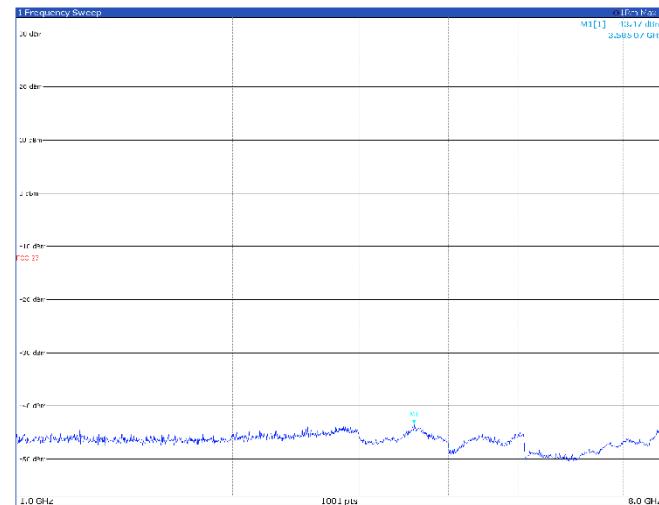
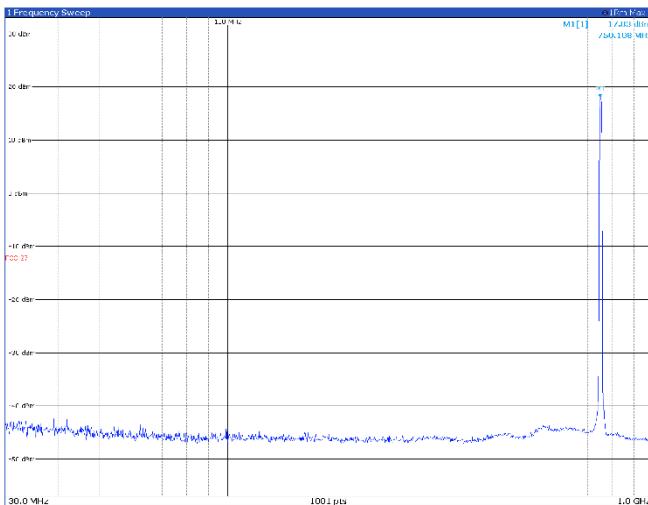
10 MHz

TM1.1, 10 MHz, mid channel

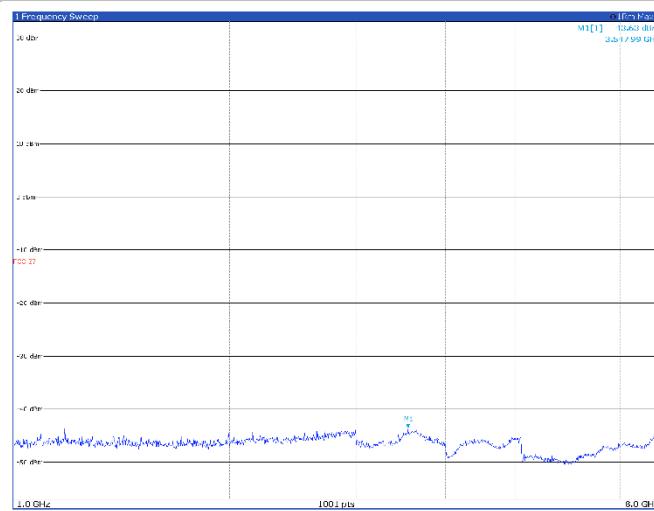
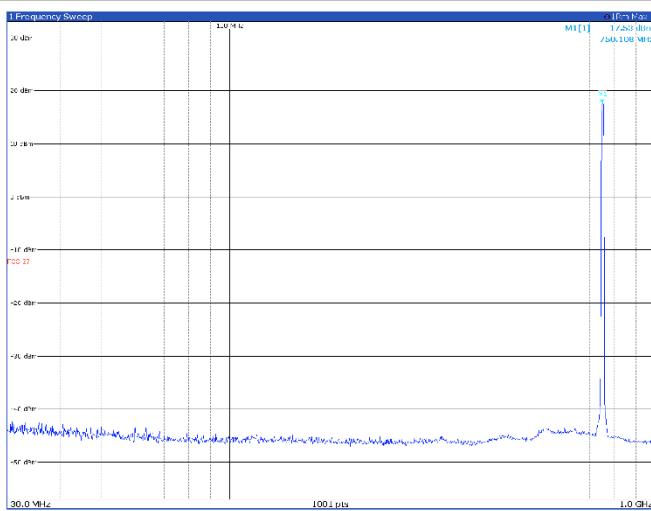


Limit exceeded by the carrier

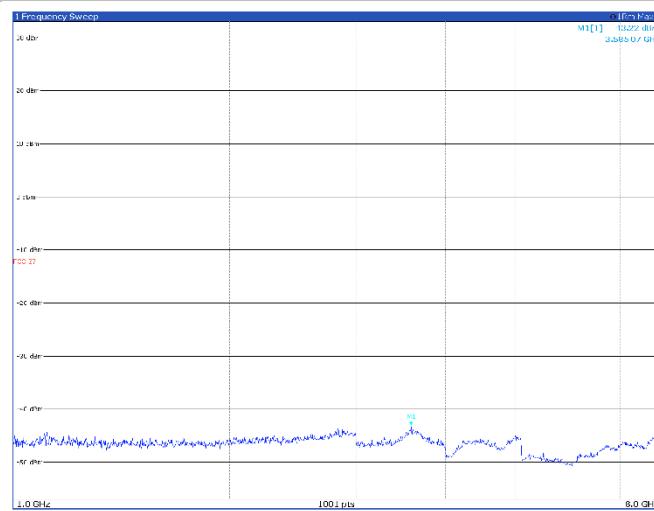
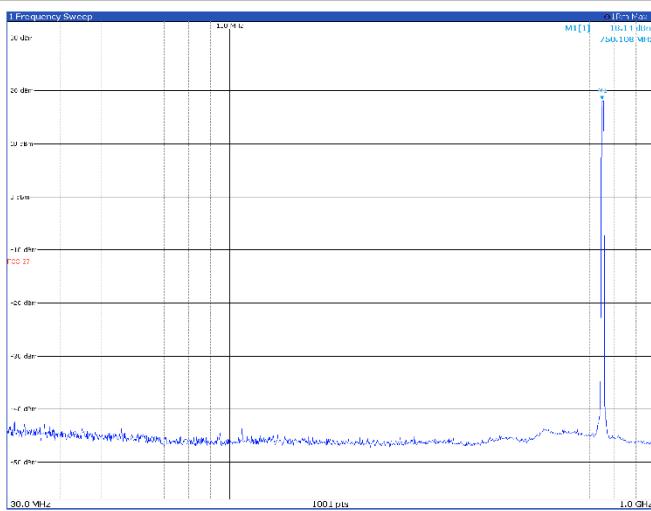
TM3p1, 10 MHz, mid channel



Limit exceeded by the carrier

TM3p1a, 10 MHz, mid channel


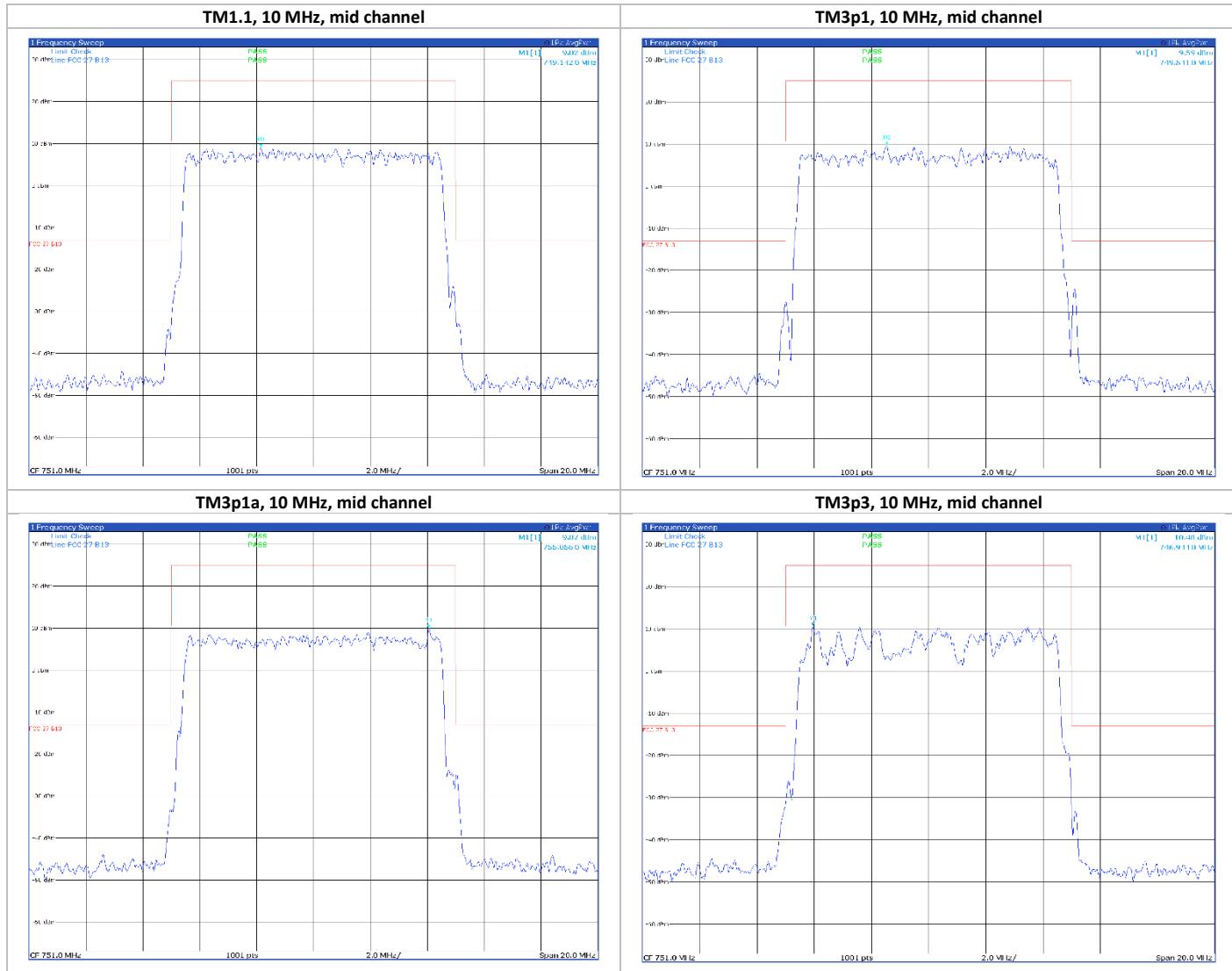
Limit exceeded by the carrier

TM3p3, 10 MHz, mid channel


Limit exceeded by the carrier

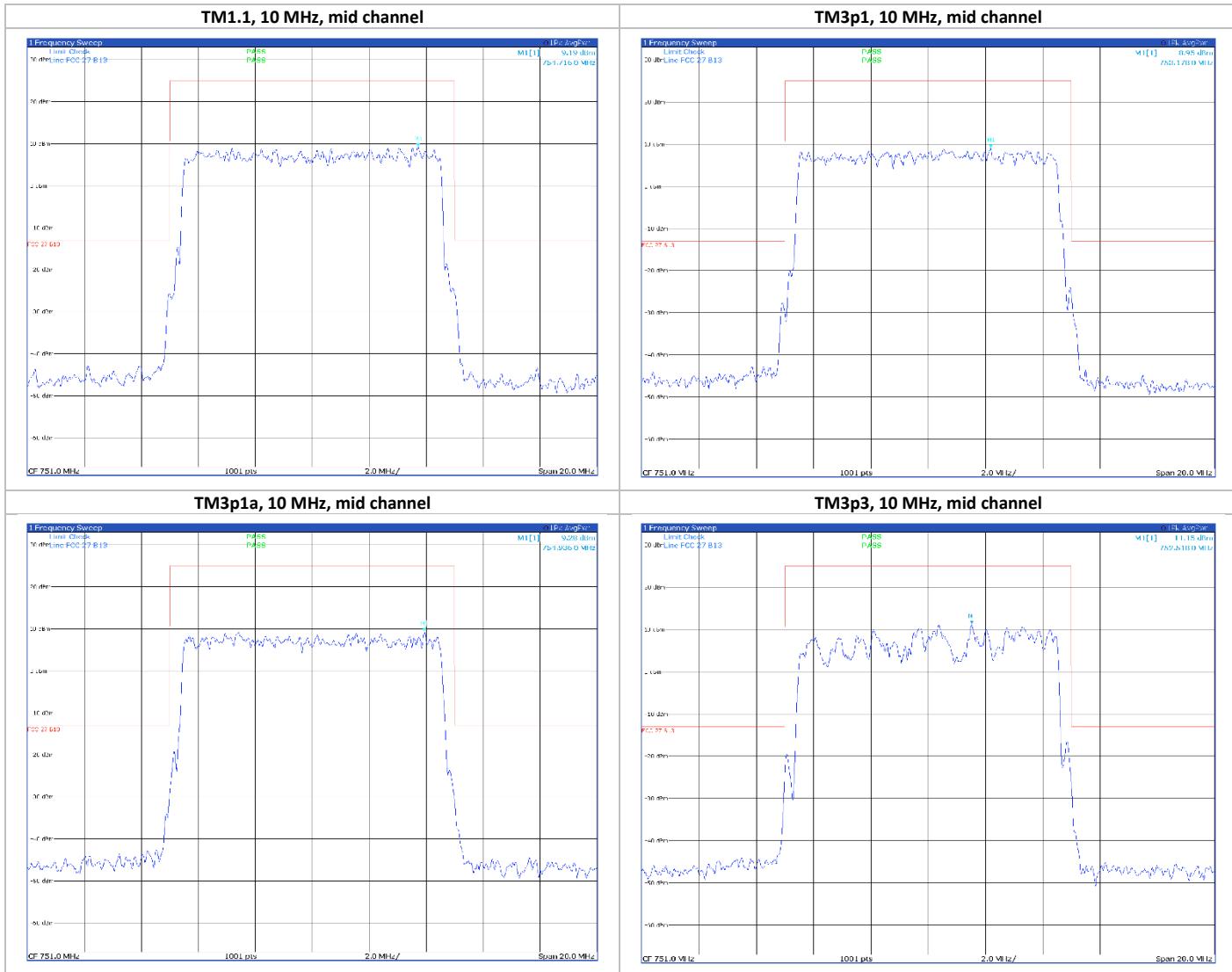
Band B13 – band edge Antenna port 1

10 MHz



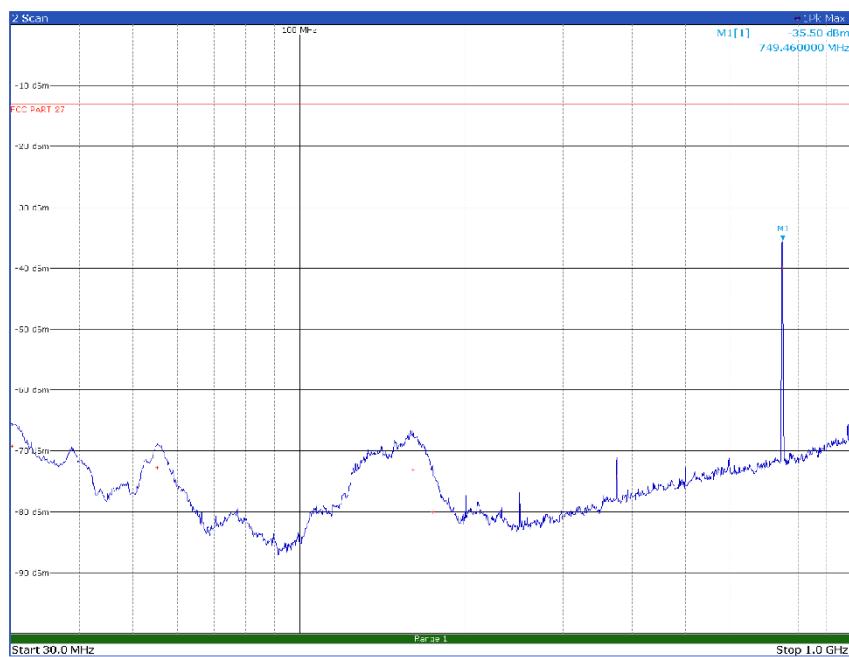
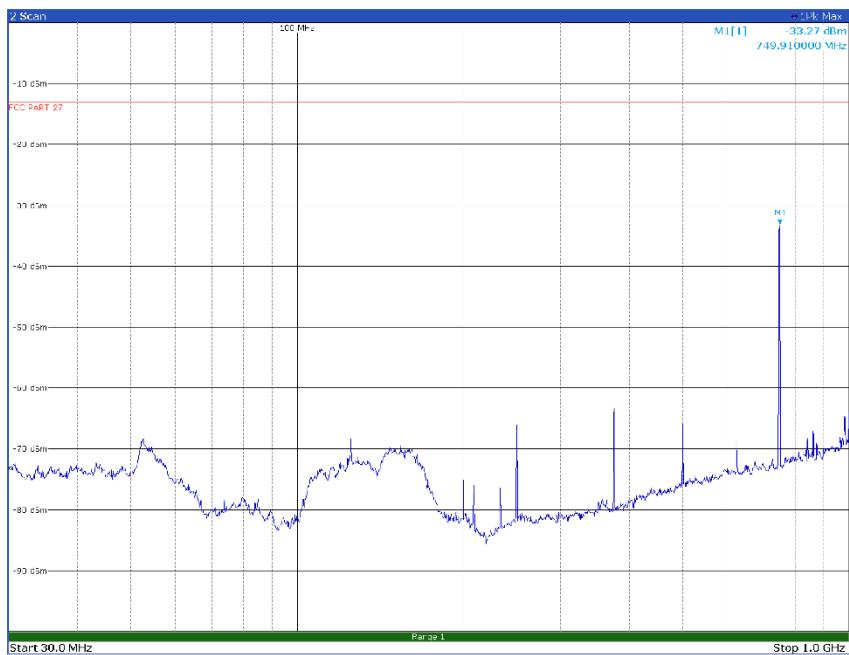
Band B13 – band edge Antenna port 2

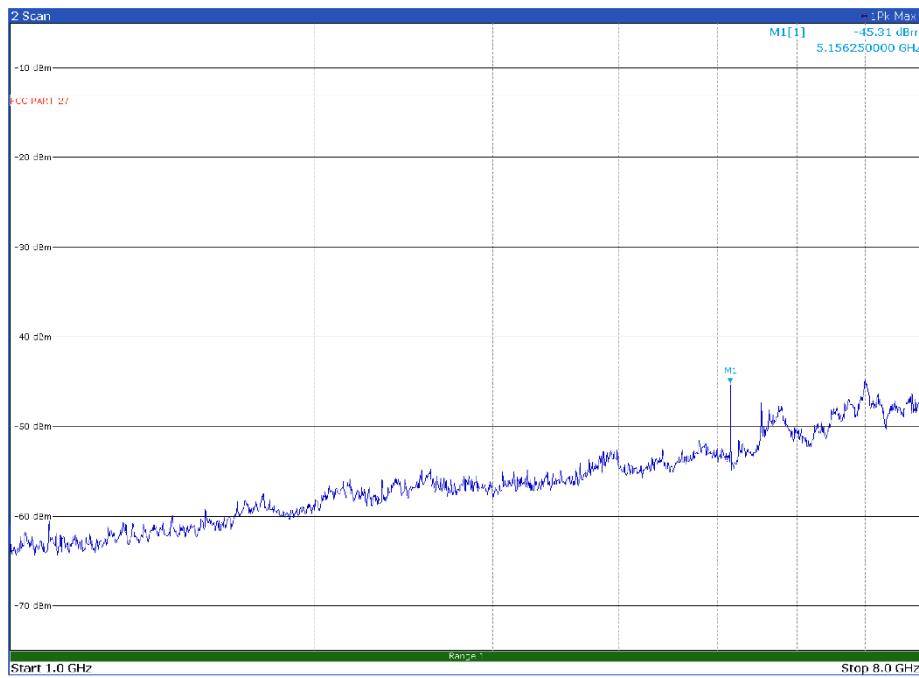
10 MHz



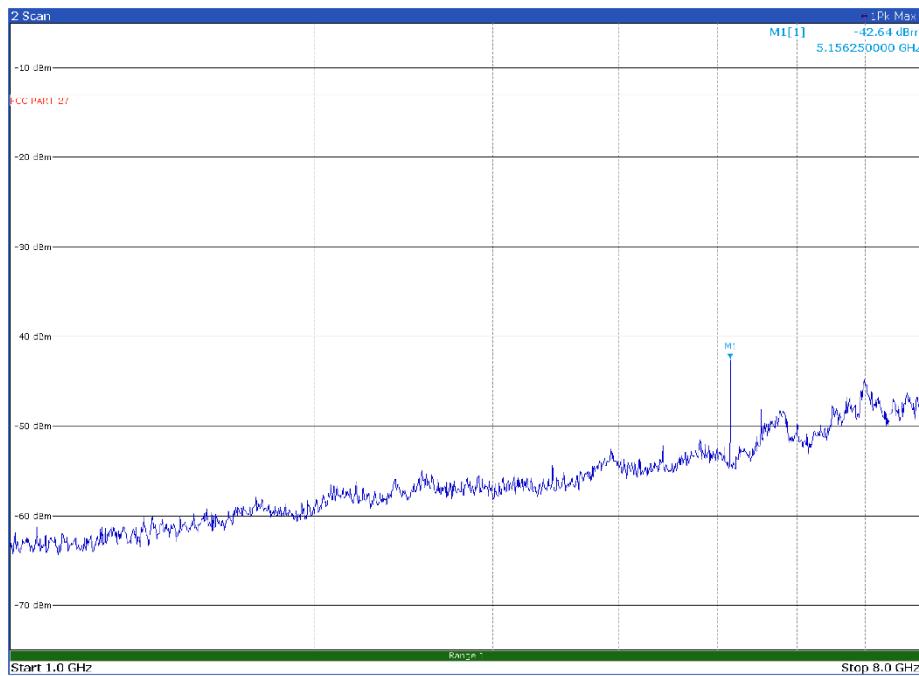
Band B13 – radiated spurious emissions

5 MHz

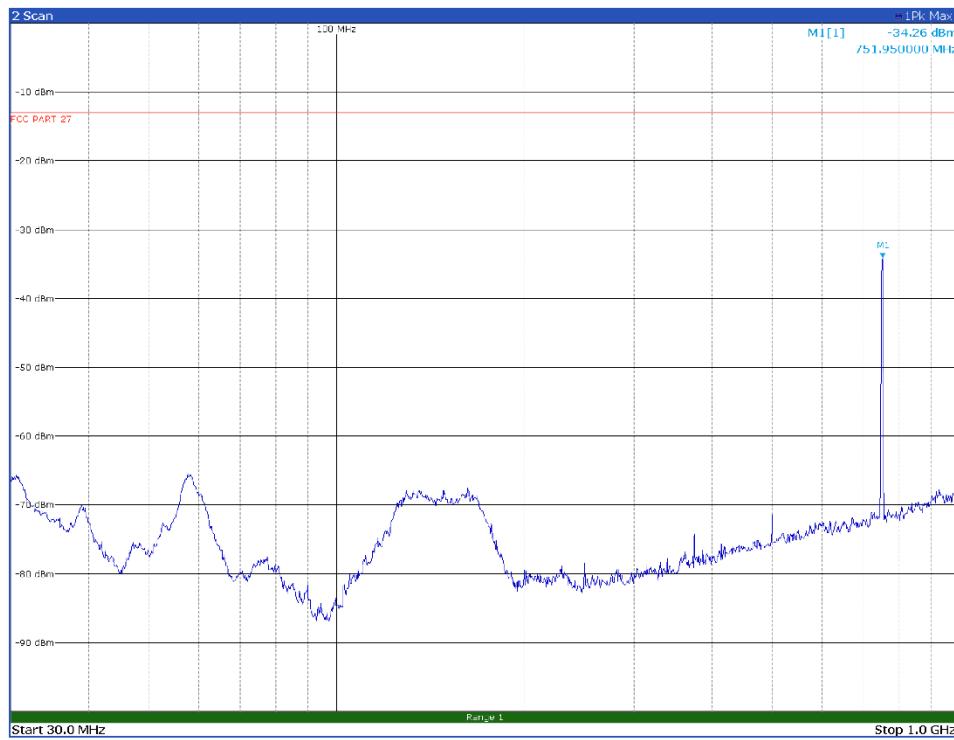

Radiated emissions spectral plot (30 MHz - 1 GHz), vertical polarization, low channel, TM1.1 modulation

Radiated emissions spectral plot (30 MHz - 1 GHz), horizontal polarization, low channel, TM1.1 modulation



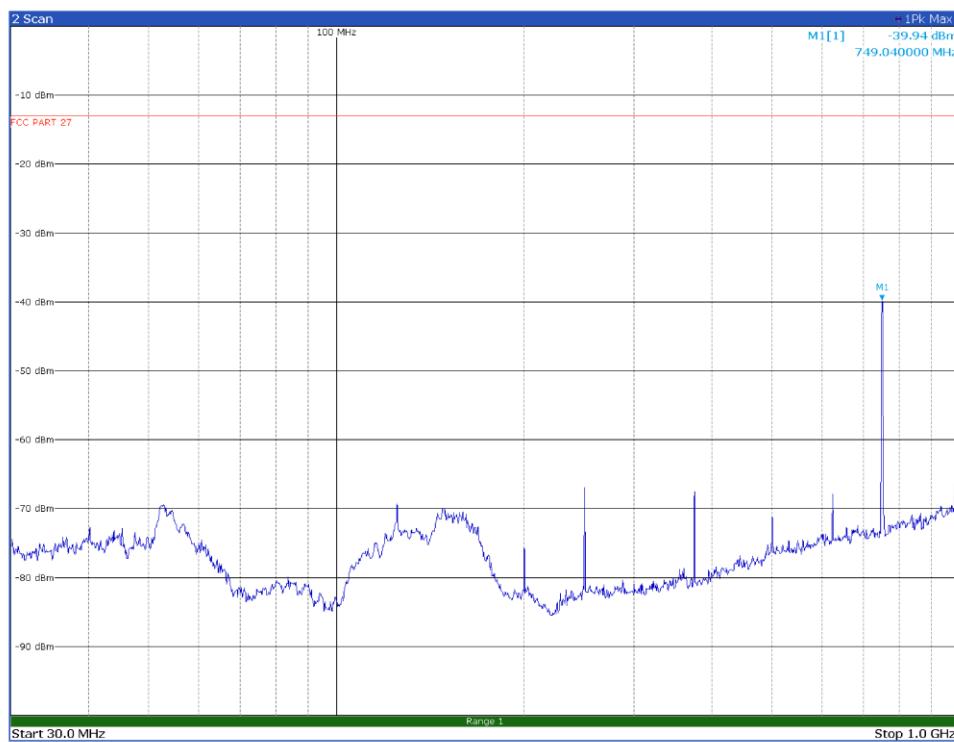
Radiated emissions spectral plot (1 GHz - 8 GHz), vertical polarization, low channel, TM1.1 modulation



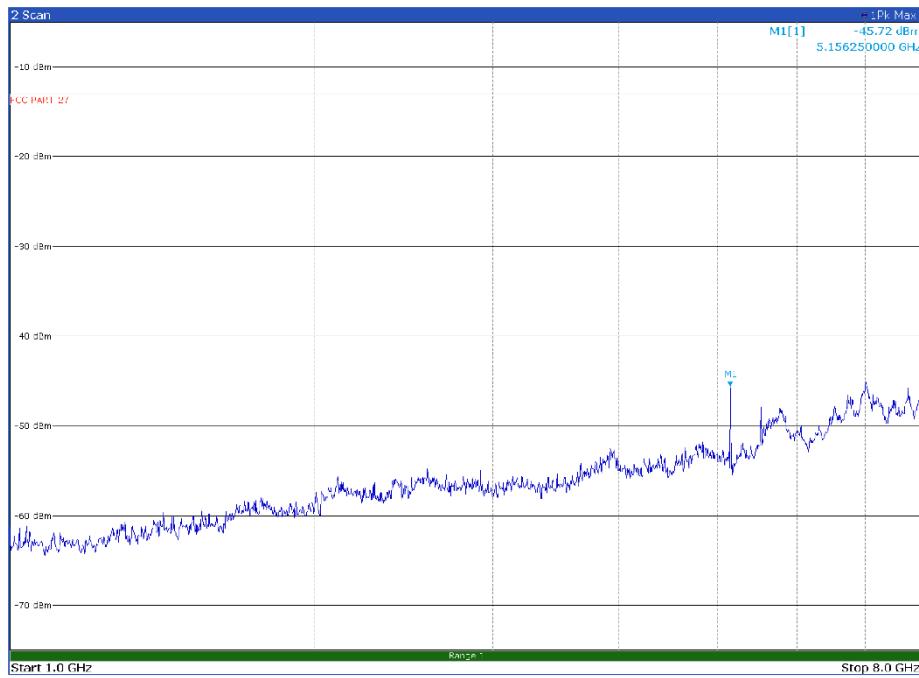
Radiated emissions spectral plot (1 GHz - 8 GHz), horizontal polarization, low channel, TM1.1 modulation



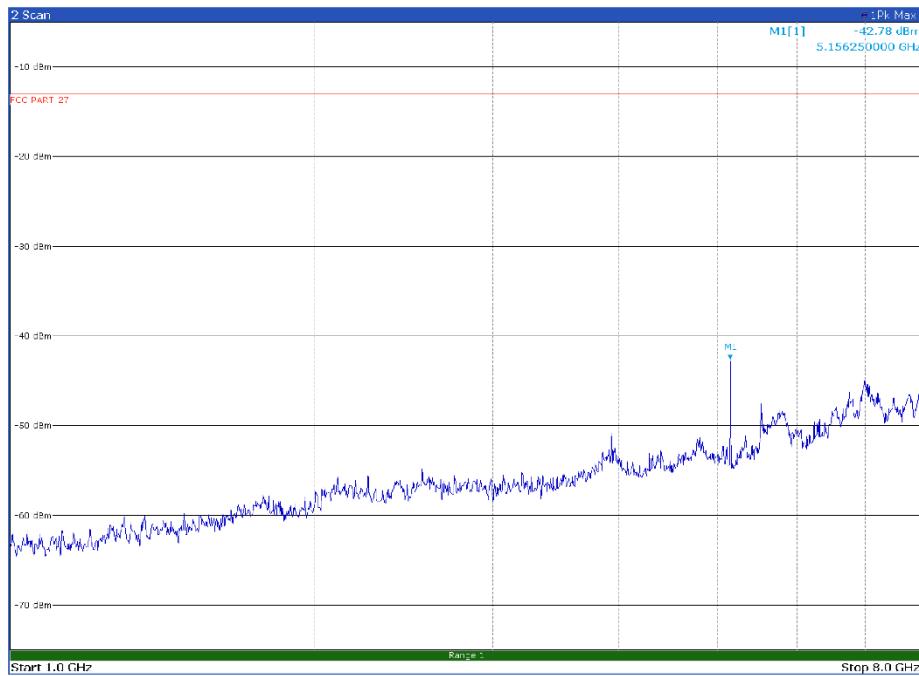
Radiated emissions spectral plot (30 MHz - 1 GHz), vertical polarization, mid channel, TM1.1 modulation



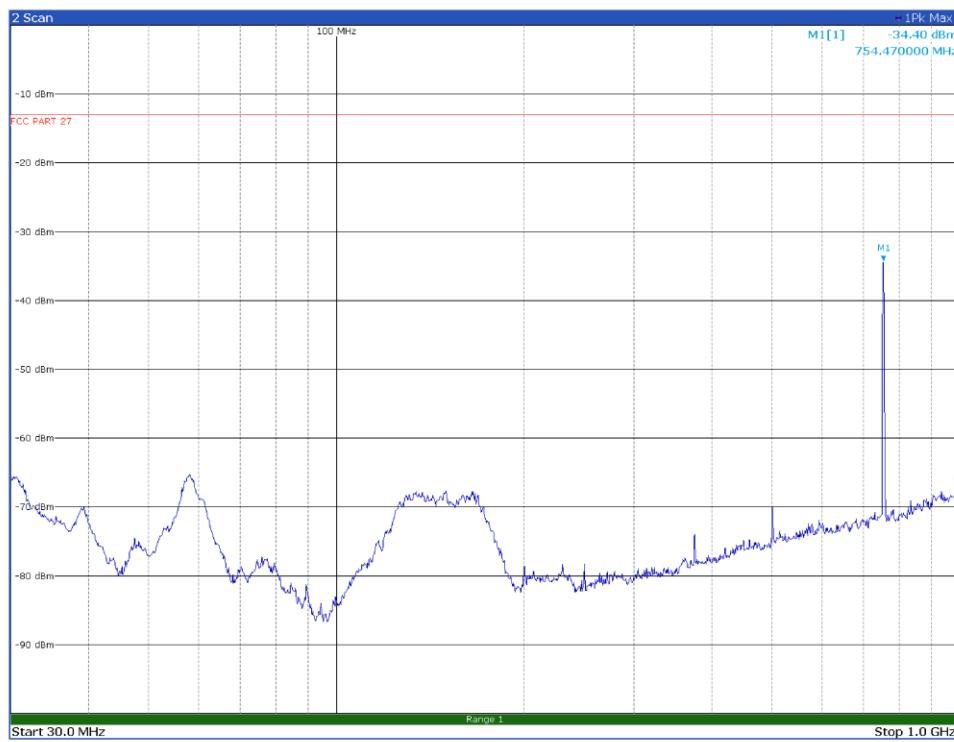
Radiated emissions spectral plot (30 MHz - 1 GHz), horizontal polarization, mid channel, TM1.1 modulation



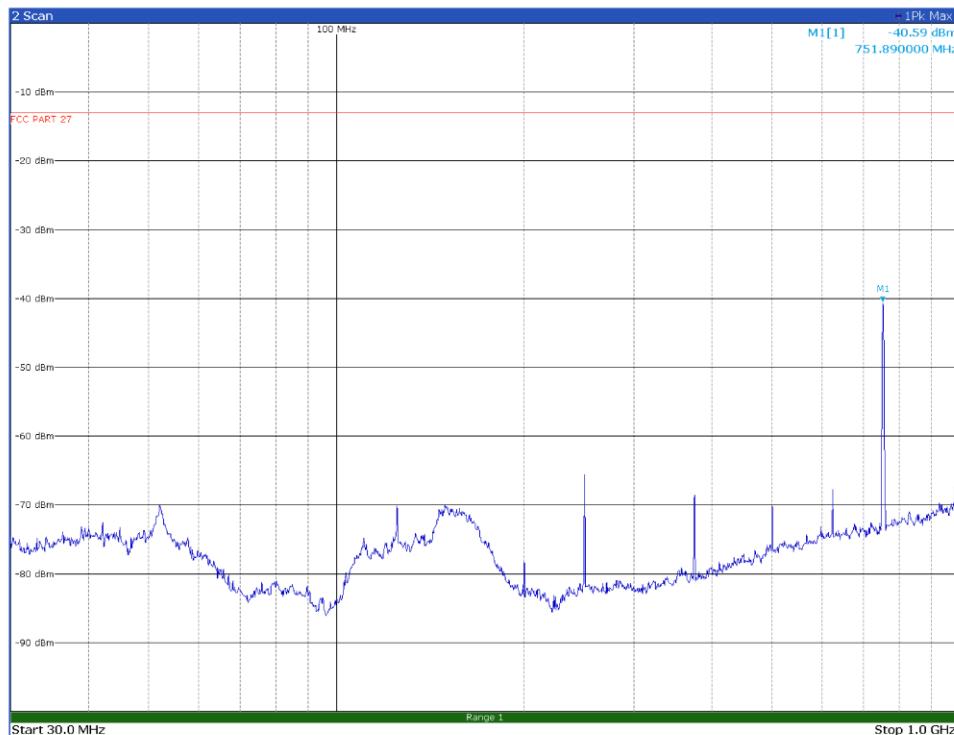
Radiated emissions spectral plot (1 GHz - 8 GHz), vertical polarization, mid channel, TM1.1 modulation



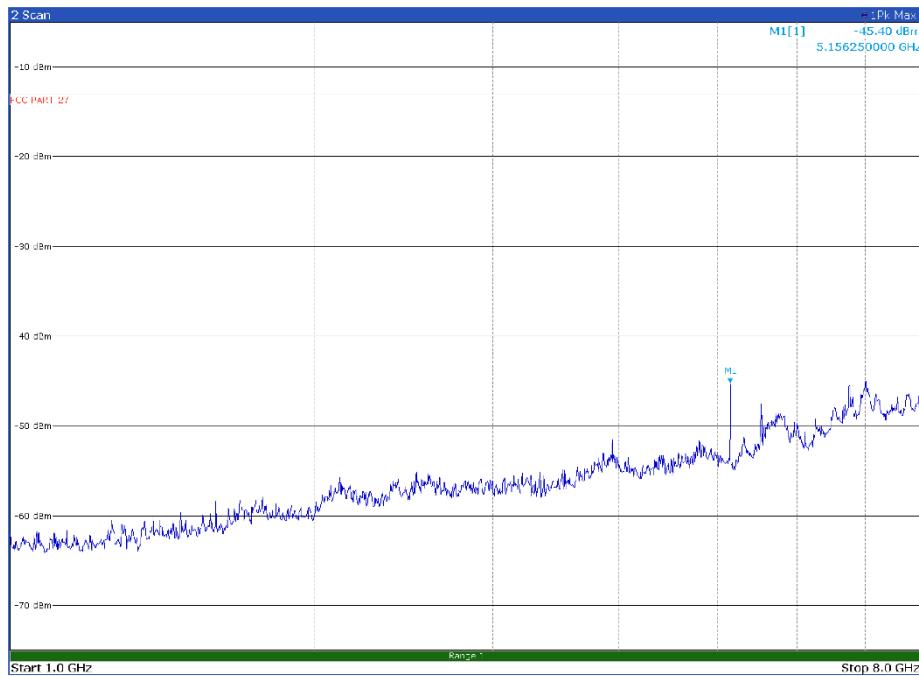
Radiated emissions spectral plot (1 GHz - 8 GHz), horizontal polarization, mid channel, TM1.1 modulation



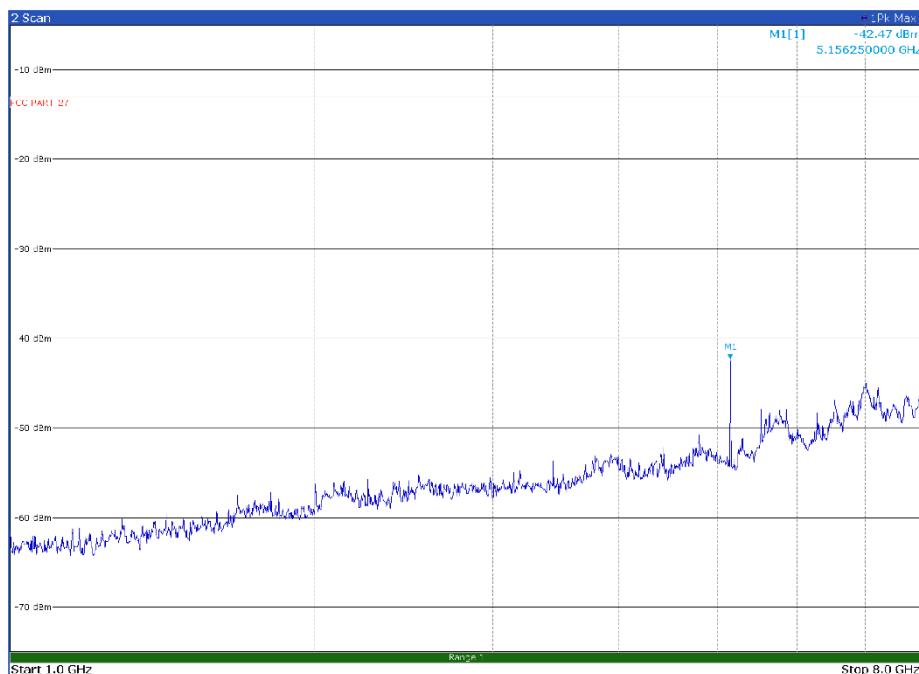
Radiated emissions spectral plot (30 MHz - 1GHz), vertical polarization, high channel, TM1.1 modulation



Radiated emissions spectral plot (30 MHz - 1GHz), horizontal polarization, high channel, TM1.1 modulation



Radiated emissions spectral plot (1 GHz - 8 GHz), vertical polarization, high channel, TM1.1 modulation



Radiated emissions spectral plot (1 GHz - 8 GHz), horizontal polarization, high channel, TM1.1 modulation

8.7 FCC §27.54 Frequency Stability

8.7.1 Definitions and limits

The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

8.7.2 Test summary

Test date	November 26, 2024	Temperature	21 °C
Test engineer	O. Frau	Air pressure	1005 mbar
Verdict	Pass	Relative humidity	64%

8.7.3 Observations, settings and special notes

The EUT was configured to continuously transmit an un-modulated continuous wave signal. The frequency measurement was performed using the marker-signal count functionality of the spectrum analyzer. The only requirement from Part 27 is that the carrier stays within the allocated band.

8.7.4 Test data

Band B13:

Table Errore. Per applicare Heading 2 al testo da visualizzare in questo punto, utilizzare la scheda Home. -1: Frequency stability results, band B13

Test conditions	Frequency, Hz	Drift, Hz	Drift, ppm
+50 °C, Nominal	750989730.0	920.0	1.23
+40 °C, Nominal	750989100.0	290.0	0.39
+30 °C, Nominal	750988530.0	-280.0	-0.37
+20 °C, +15%	750989080.0	270.0	0.36
+20 °C, Nominal	750988810.0	Reference	Reference
+20 °C, -15%	750988620.0	-190.0	-0.25
+10 °C, Nominal	750988430.0	-380.0	-0.51
0 °C, Nominal	750989070.0	260.0	0.35
-10 °C, Nominal	750989120.0	310.0	0.41
-20 °C, Nominal	750989480.0	670.0	0.89
-30 °C, Nominal	750989350.0	540.0	0.72

Section 9. Block diagrams of test setups

9.1 Conducted emissions set-up

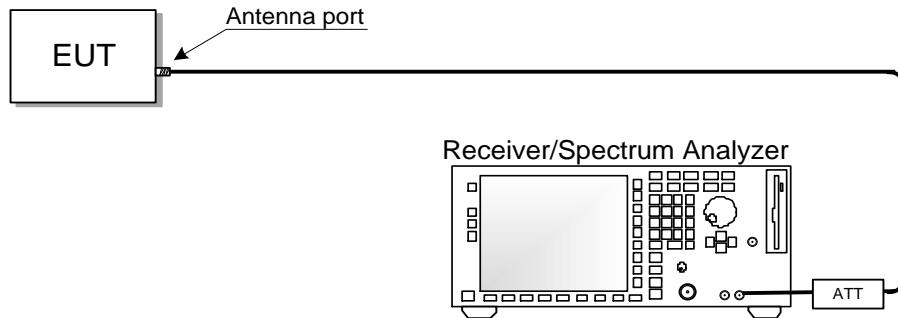


Figure 9.1-1: Conducted setup

9.2 Radiated emissions set-up

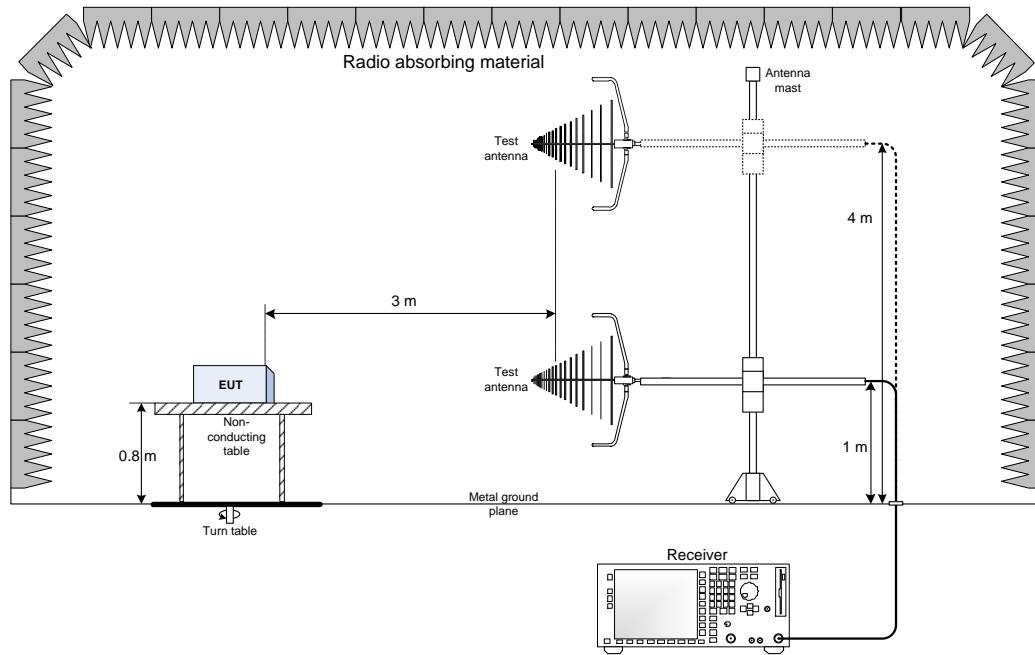


Figure 9.2-1: Below 1 GHz setup

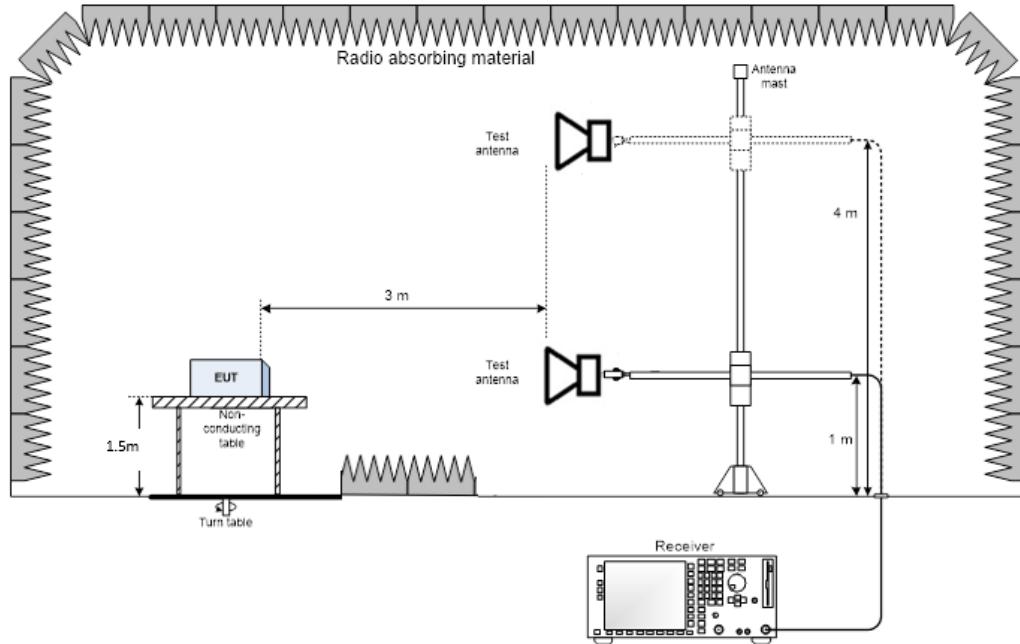


Figure 9.2-2: Above 1GHz setup

End of Report