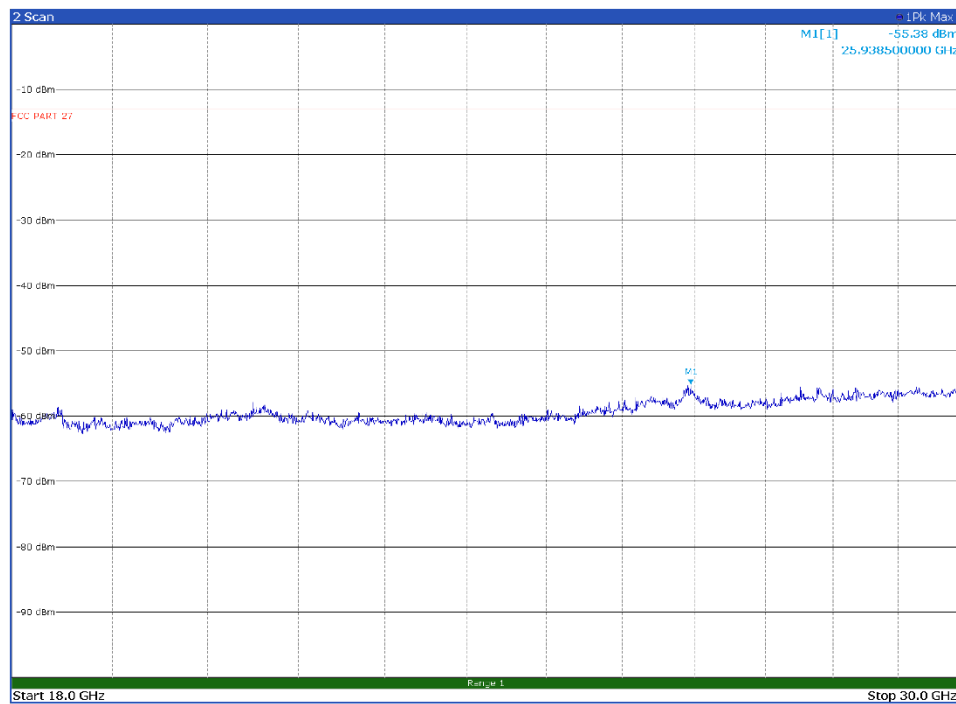
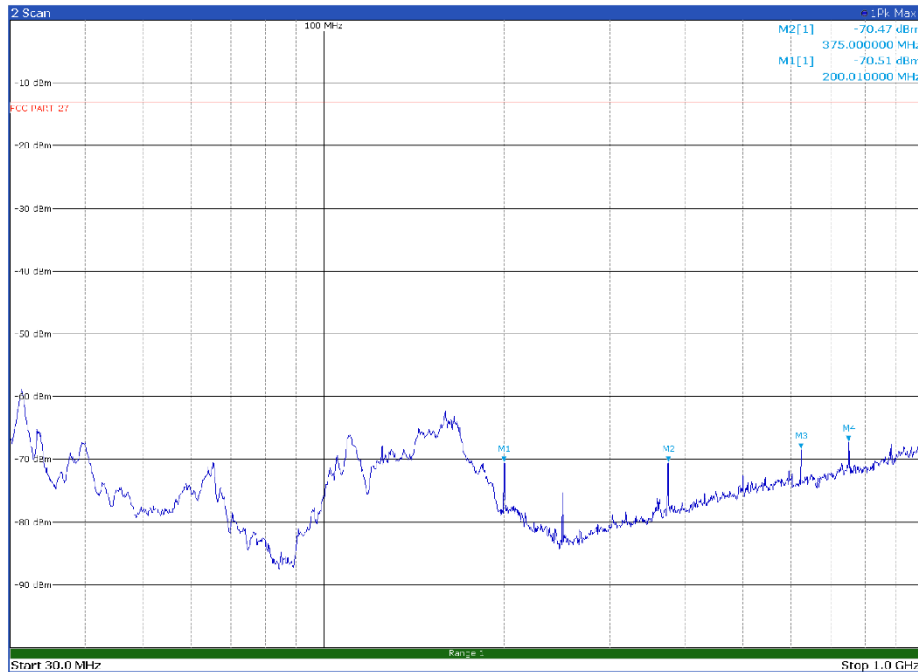


Radiated emissions spectral plot (18 GHz - 30 GHz), vertical polarization, low channel, TM3p1a modulation

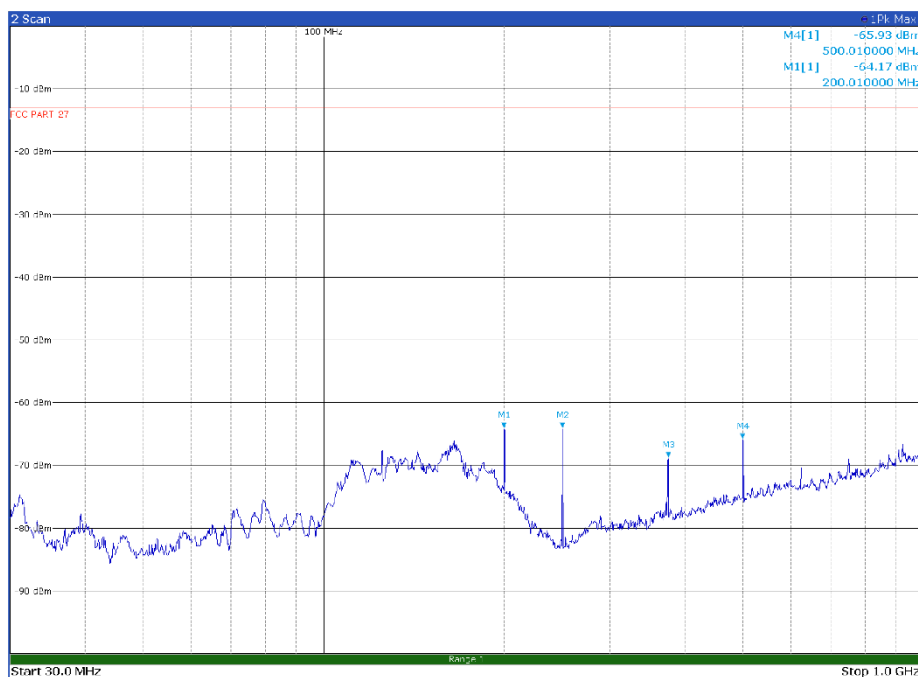


Radiated emissions spectral plot (18 GHz - 30 GHz), horizontal polarization, low channel, TM3p1a modulation



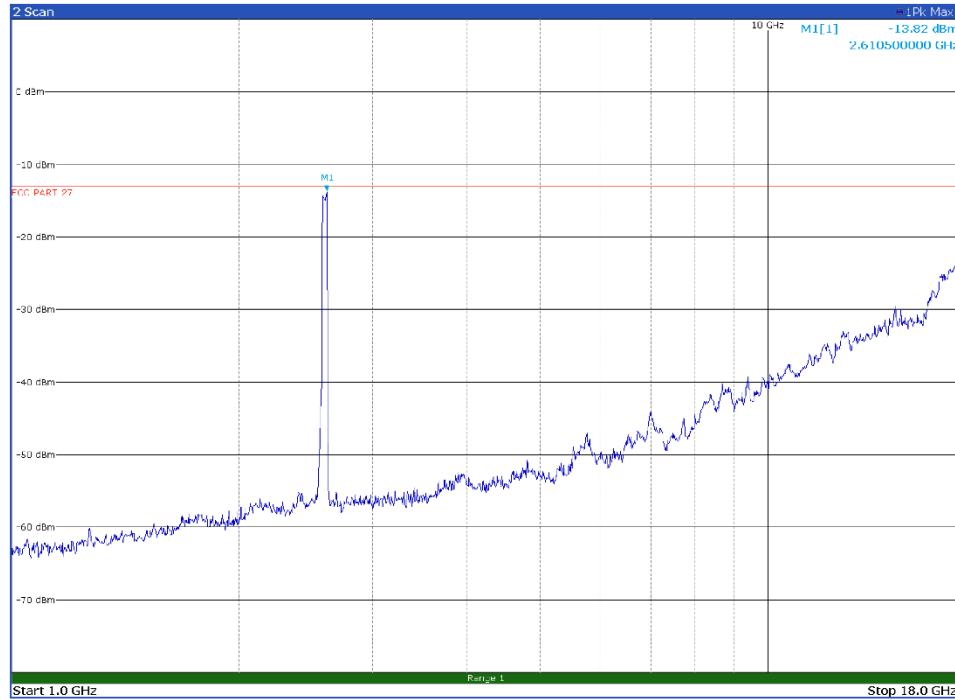
Wind	Type	Ref	Trc	X value	Y value
Scan	M1		1	200.01 MHz	-70.51 dBm
Scan	M2		1	375.0 MHz	-70.47 dBm
Scan	M3		1	624.99 MHz	-68.42 dBm
Scan	M4		1	750.0 MHz	-67.23 dBm

Radiated emissions spectral plot (30 MHz - 1 GHz), vertical polarization, mid channel, TM3p1a modulation

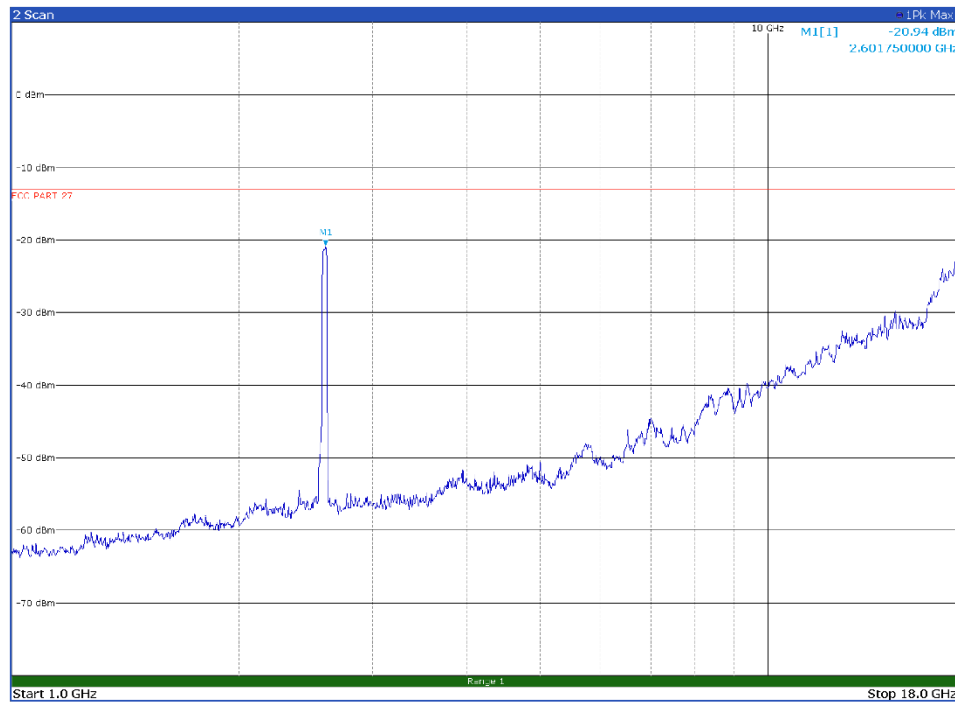


Wind	Type	Ref	Trc	X value	Y value
Scan	M1		1	200.01 MHz	-64.17 dBm
Scan	M2		1	249.99 MHz	-64.12 dBm
Scan	M3		1	375.0 MHz	-68.88 dBm
Scan	M4		1	500.01 MHz	-65.93 dBm

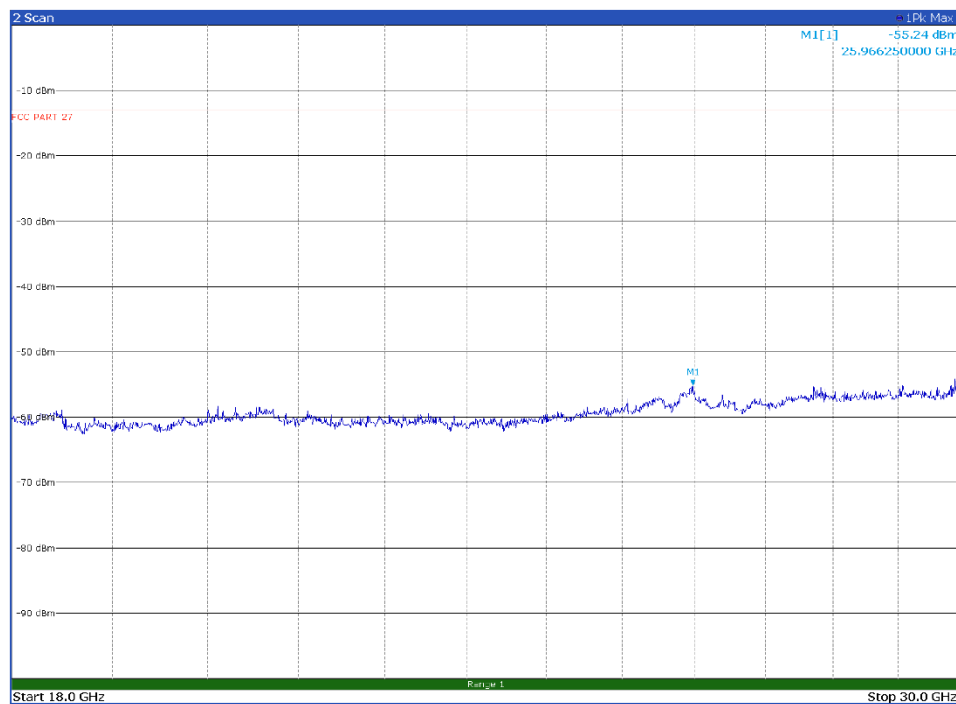
Radiated emissions spectral plot (30 MHz - 1 GHz), horizontal polarization, mid channel, TM3p1a modulation



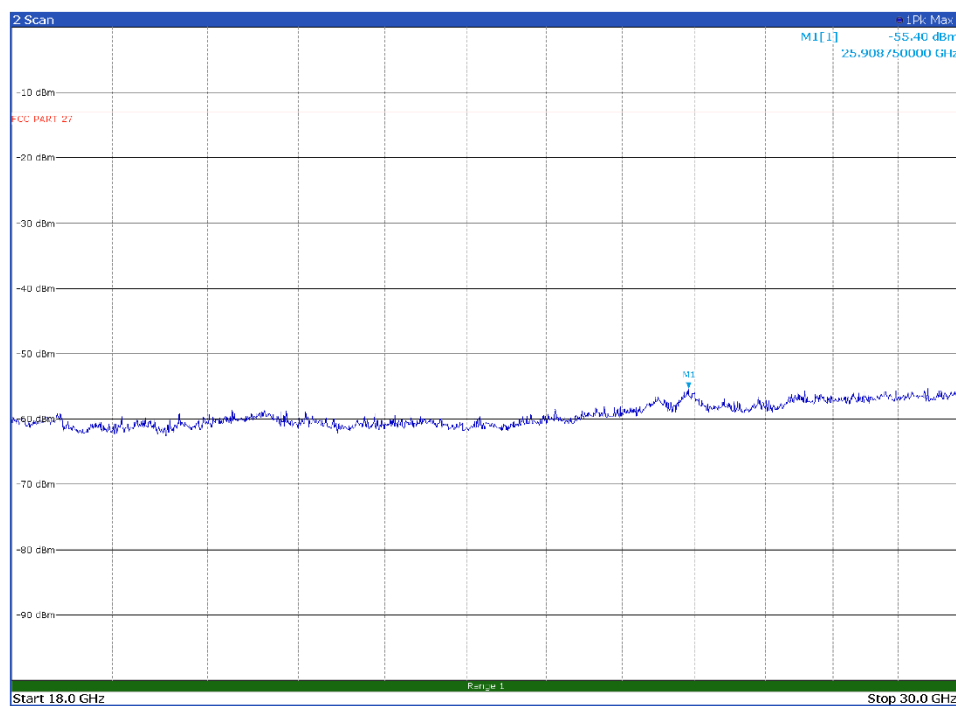
Radiated emissions spectral plot (1 GHz - 18 GHz), vertical polarization, mid channel, TM3p1a modulation



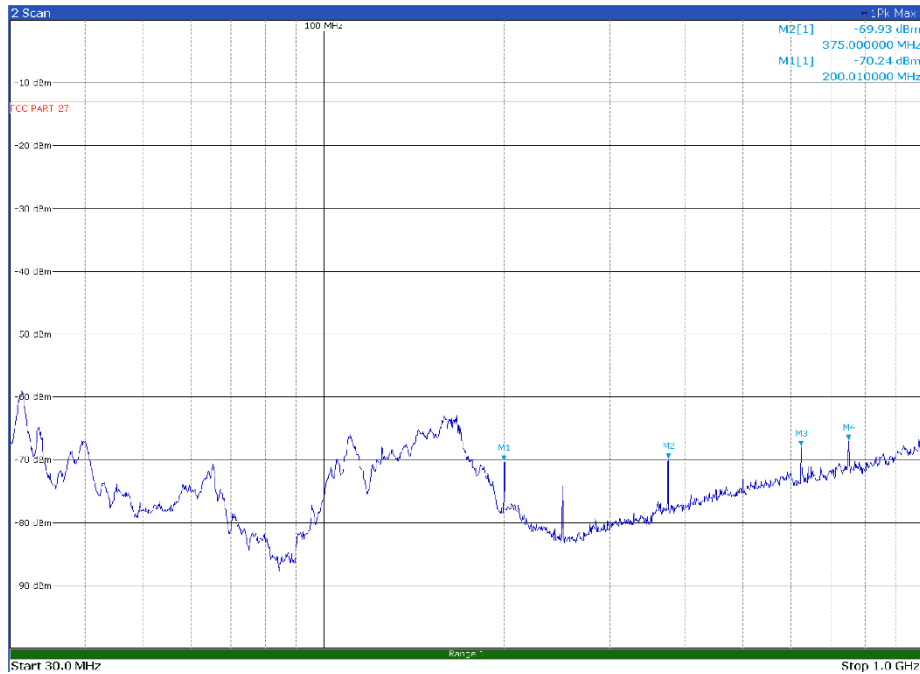
Radiated emissions spectral plot (1 GHz - 18 GHz), horizontal polarization, mid channel, TM3p1a modulation



Radiated emissions spectral plot (18 GHz - 30 GHz), vertical polarization, mid channel, TM3p1a modulation

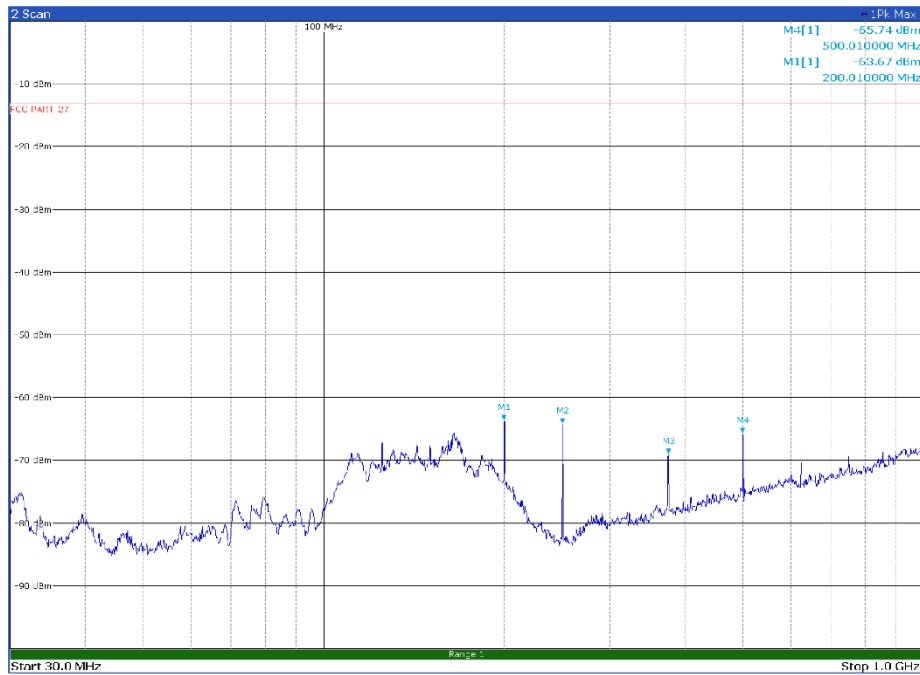


Radiated emissions spectral plot (18 GHz - 30 GHz), horizontal polarization, mid channel, TM3p1a modulation



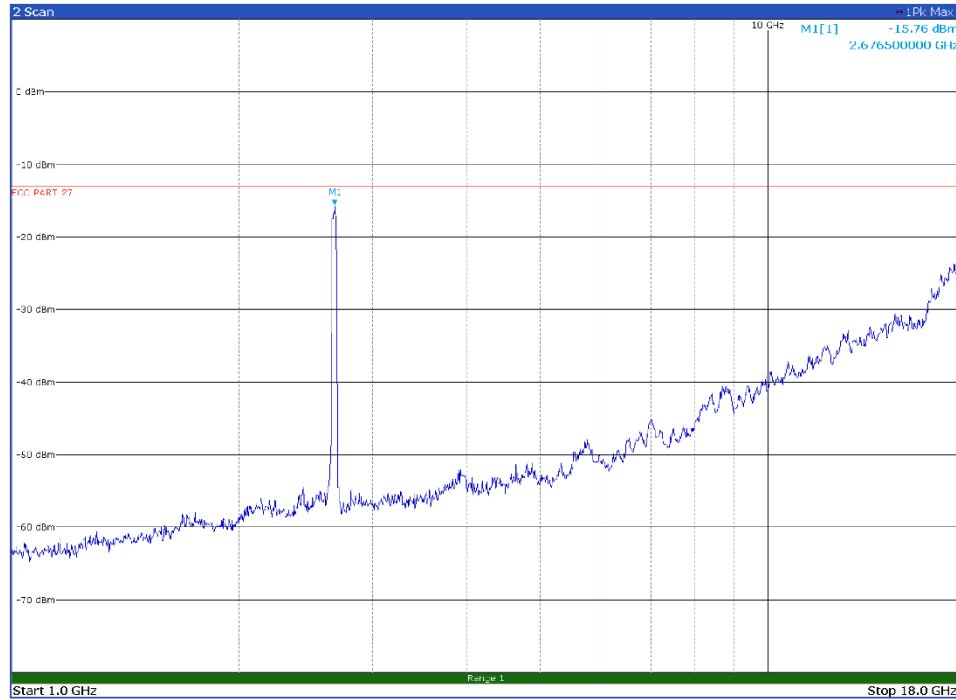
Wnd	Type	Ref	Trc	X value	Y value
Scan	M1	1		200.01 MHz	-70.24 dBm
Scan	M2	1		375.0 MHz	-69.93 dBm
Scan	M3	1		624.99 MHz	-67.97 dBm
Scan	M4	1		750.0 MHz	-66.94 dBm

Radiated emissions spectral plot (30 MHz - 1GHz), vertical polarization, high channel, TM3p1a modulation

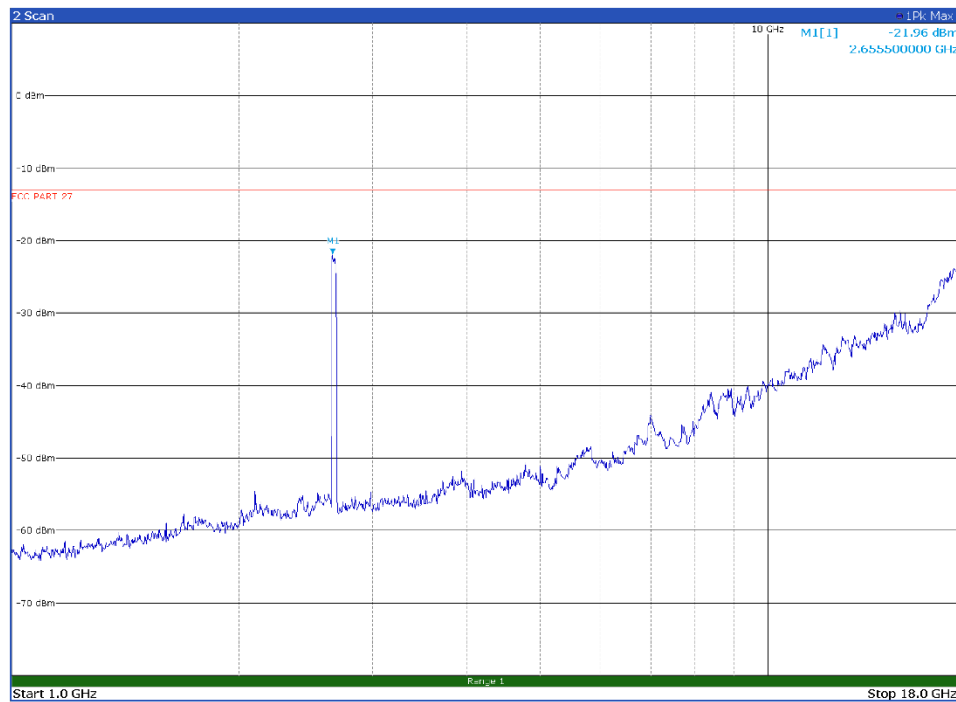


Wnd	Type	Ref	Trc	X value	Y value
Scan	M1	1		200.01 MHz	-63.67 dBm
Scan	M2	1		249.99 MHz	-64.3 dBm
Scan	M3	1		375.0 MHz	-69.07 dBm
Scan	M4	1		500.01 MHz	-65.74 dBm

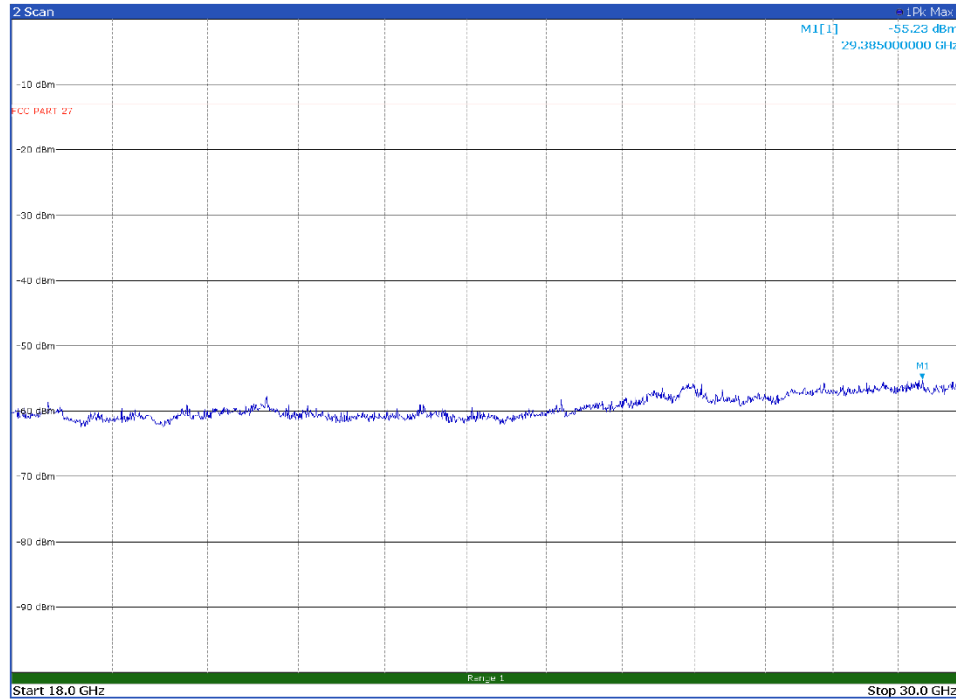
Radiated emissions spectral plot (30 MHz - 1GHz), horizontal polarization, high channel, TM3p1a modulation



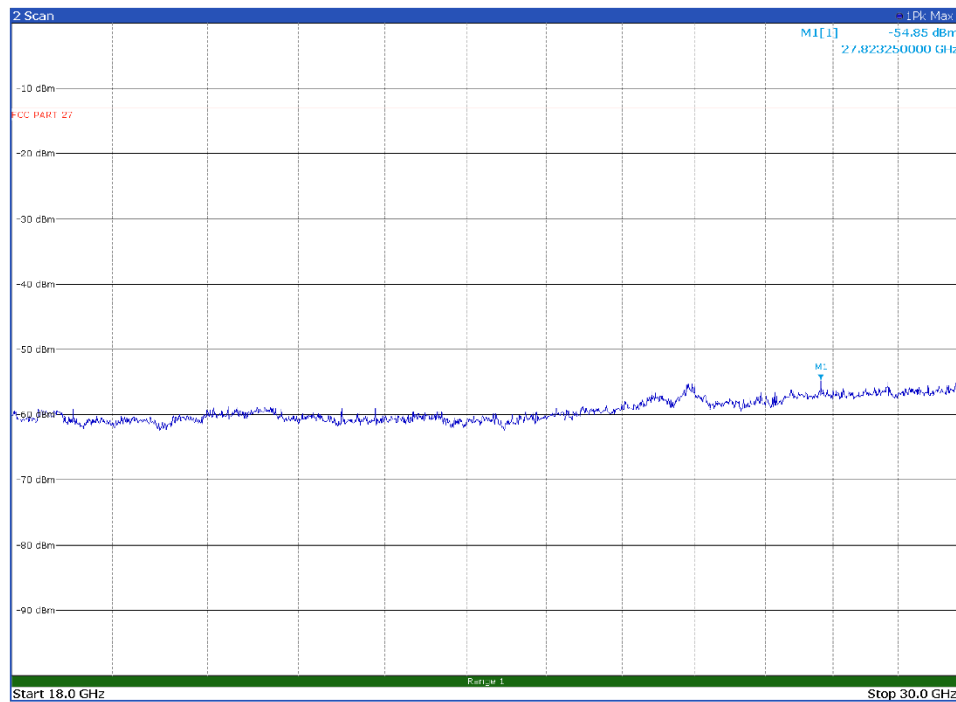
Radiated emissions spectral plot (1 GHz - 18 GHz), vertical polarization, high channel, TM3p1a modulation



Radiated emissions spectral plot (1 GHz - 18 GHz), horizontal polarization, high channel, TM3p1a modulation



Radiated emissions spectral plot (18 GHz – 30 GHz), vertical polarization, high channel, TM3p1a modulation



Radiated emissions spectral plot (18 GHz – 30 GHz), horizontal polarization, high channel, TM3p1a 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	October 15, 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 n41:

Table Error. Per applicare Heading 2 al testo da visualizzare in questo punto, utilizzare la scheda Home.-1: Frequency stability results, band n41

Test conditions	Frequency, Hz	Drift, Hz	Drift, ppm
+50 °C, Nominal	2592865100.0	-4000.0	-1.54
+40 °C, Nominal	2592872100.0	3000.0	1.16
+30 °C, Nominal	2592871800.0	2700.0	1.04
+20 °C, +15%	2592870600.0	1500.0	0.58
+20 °C, Nominal	2592869100.0	Reference	Reference
+20 °C, -15%	2592870600.0	1500.0	0.58
+10 °C, Nominal	2592871100.0	2000.0	0.77
0 °C, Nominal	2592868100.0	-1000.0	-0.39
-10 °C, Nominal	2592873100.0	4000.0	1.54
-20 °C, Nominal	2592869100.0	0.0	0.00
-30 °C, Nominal	2592872100.0	3000.0	1.16

Section 9. Block diagrams of test setups

9.1 Conducted emissions set-up

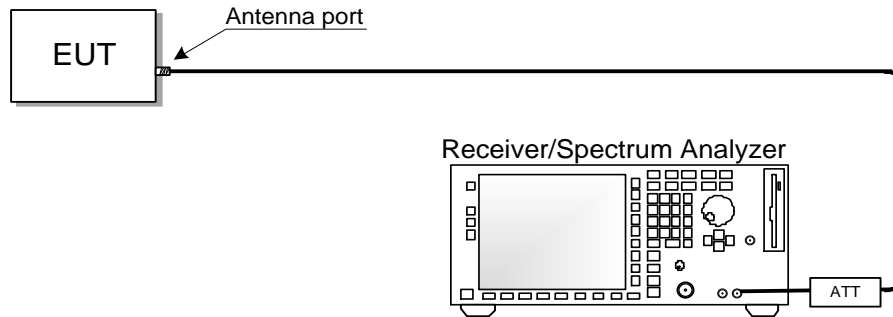


Figure 9.1-1: Conducted setup

9.2 Radiated emissions set-up

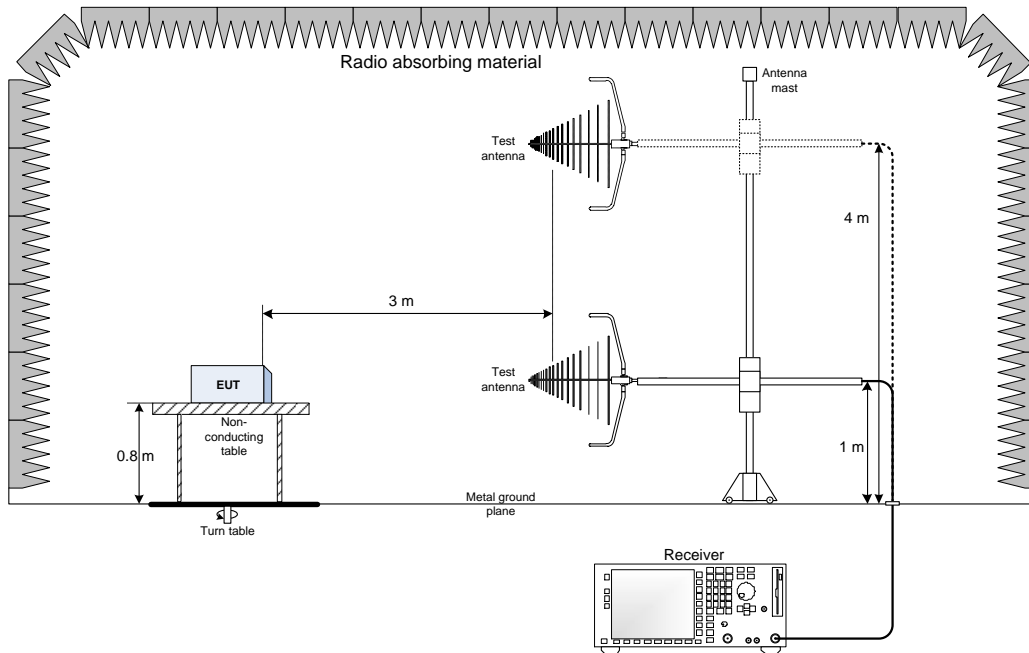


Figure 9.2-1: Below 1 GHz setup

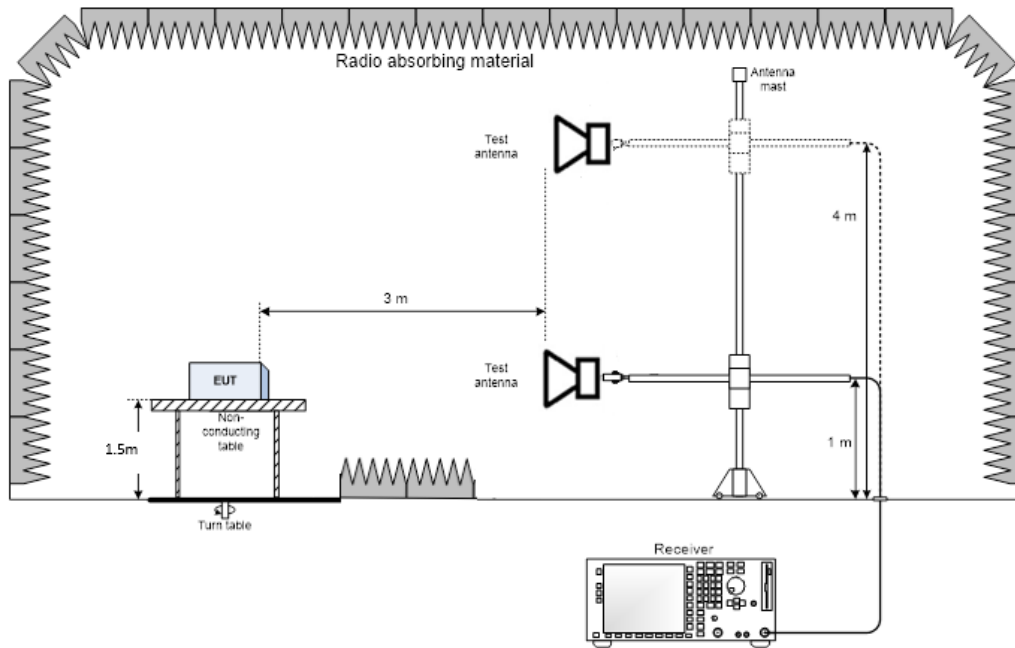


Figure 9.2-2: Above 1GHz setup

End of Report