

Appendix B

XB-9XR-DMUS-001 Transmitter Spurious Radiated Emissions at 3m

1. Test Data

Remark(s):

- All spurious emissions that are in excess of 20 dB below the specified limit shall be recorded.
- EUT shall be tested in three orthogonal positions.
- The following test data represent the worst-case derived from exploratory tests.

1.1. EUT with 2 dBi Flat Antenna, 2 dBi Antenna Assembly Gain, 110 kbps Data Rate

1.1.1. Spurious Radiated Emission

| Fundamental Frequency: | | 902.5 MHz | | | | | |
|--|------------------------|-----------------------|---------------------|-----------------------|-----------------------|-------------|-----------|
| Power Setting: | | High | | | | | |
| Frequency Test Range: | | 30 MHz – 10 GHz | | | | | |
| Frequency (MHz) | RF Peak Level (dBµV/m) | RF Avg Level (dBµV/m) | Antenna Plane (H/V) | Limit 15.209 (dBµV/m) | Limit 15.247 (dBµV/m) | Margin (dB) | Pass/Fail |
| 902.5 | 115.23 | -- | V | -- | -- | -- | -- |
| 902.5 | 115.33 | -- | H | -- | -- | -- | -- |
| 2707.5 | 45.72 | 40.01 | V | 54.0 | 95.3 | -14.0 | Pass* |
| 2707.5 | 50.39 | 47.12 | H | 54.0 | 95.3 | -6.9 | Pass* |
| 3610.0 | 49.19 | 43.18 | V | 54.0 | 95.3 | -10.8 | Pass* |
| 3610.0 | 49.02 | 43.05 | H | 54.0 | 95.3 | -11.0 | Pass* |
| All other spurious emissions and harmonics are more than 20 dB below the applicable limit. | | | | | | | |

*Field strength of emissions appearing within restricted frequency bands shall not exceed the limits in § 15.209.

| Fundamental Frequency: | | 915 MHz | | | | | |
|--|------------------------|-----------------------|---------------------|-----------------------|-----------------------|-------------|-----------|
| Power Setting: | | High | | | | | |
| Frequency Test Range: | | 30 MHz – 10 GHz | | | | | |
| Frequency (MHz) | RF Peak Level (dBµV/m) | RF Avg Level (dBµV/m) | Antenna Plane (H/V) | Limit 15.209 (dBµV/m) | Limit 15.247 (dBµV/m) | Margin (dB) | Pass/Fail |
| 915.0 | 114.47 | -- | V | -- | -- | -- | -- |
| 915.0 | 114.38 | -- | H | -- | -- | -- | -- |
| 2745.0 | 44.29 | 37.02 | V | 54.0 | 94.5 | -17.0 | Pass* |
| 2745.0 | 50.48 | 47.14 | H | 54.0 | 94.5 | -6.9 | Pass* |
| 3660.0 | 46.57 | 37.85 | V | 54.0 | 94.5 | -16.2 | Pass* |
| 3660.0 | 48.33 | 41.06 | H | 54.0 | 94.5 | -12.9 | Pass* |
| All other spurious emissions and harmonics are more than 20 dB below the applicable limit. | | | | | | | |

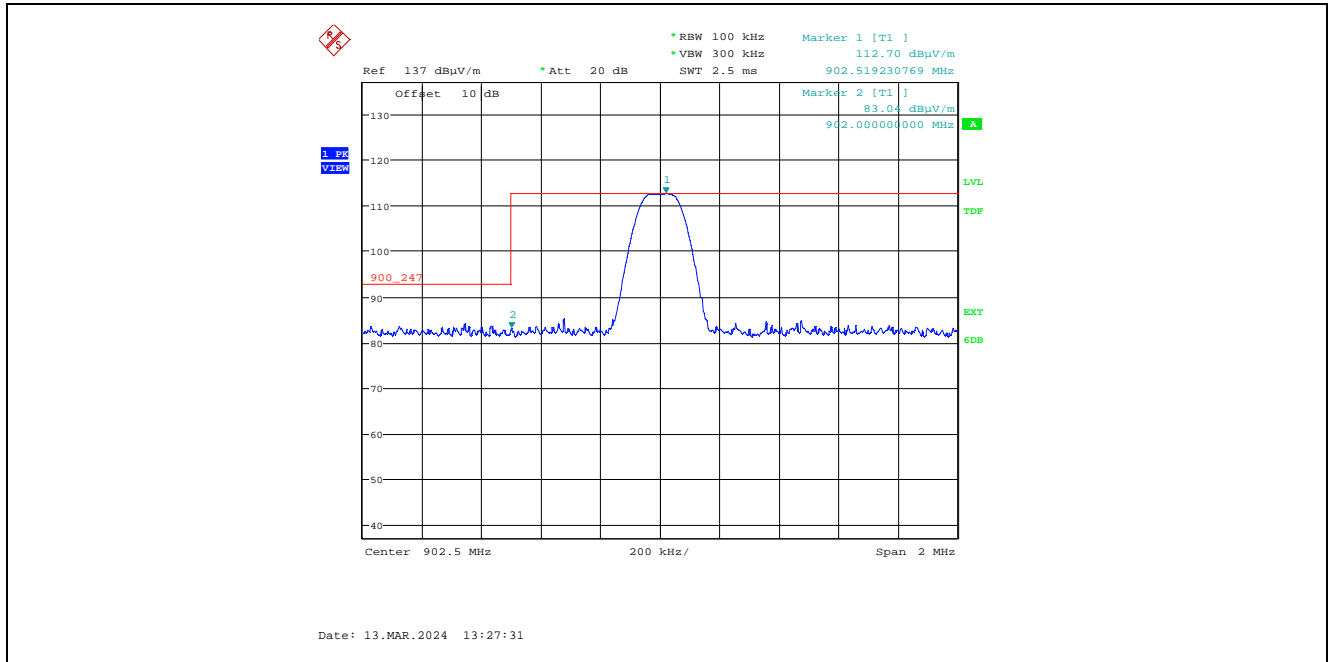
*Field strength of emissions appearing within restricted frequency bands shall not exceed the limits in § 15.209.

| Fundamental Frequency: | | 927 MHz | | | | | |
|--|------------------------|-----------------------|---------------------|-----------------------|-----------------------|-------------|-----------|
| Power Setting: | | High | | | | | |
| Frequency Test Range: | | 30 MHz – 10 GHz | | | | | |
| Frequency (MHz) | RF Peak Level (dBµV/m) | RF Avg Level (dBµV/m) | Antenna Plane (H/V) | Limit 15.209 (dBµV/m) | Limit 15.247 (dBµV/m) | Margin (dB) | Pass/Fail |
| 927.0 | 113.57 | -- | V | -- | -- | -- | -- |
| 927.0 | 113.17 | -- | H | -- | -- | -- | -- |
| 2781.0 | 45.10 | 39.01 | V | 54.0 | 93.6 | -15.0 | Pass* |
| 2781.0 | 50.88 | 47.23 | H | 54.0 | 93.6 | -6.8 | Pass* |
| 3708.0 | 47.69 | 39.27 | V | 54.0 | 93.6 | -14.7 | Pass* |
| 3708.0 | 50.16 | 44.87 | H | 54.0 | 93.6 | -9.1 | Pass* |
| All other spurious emissions and harmonics are more than 20 dB below the applicable limit. | | | | | | | |

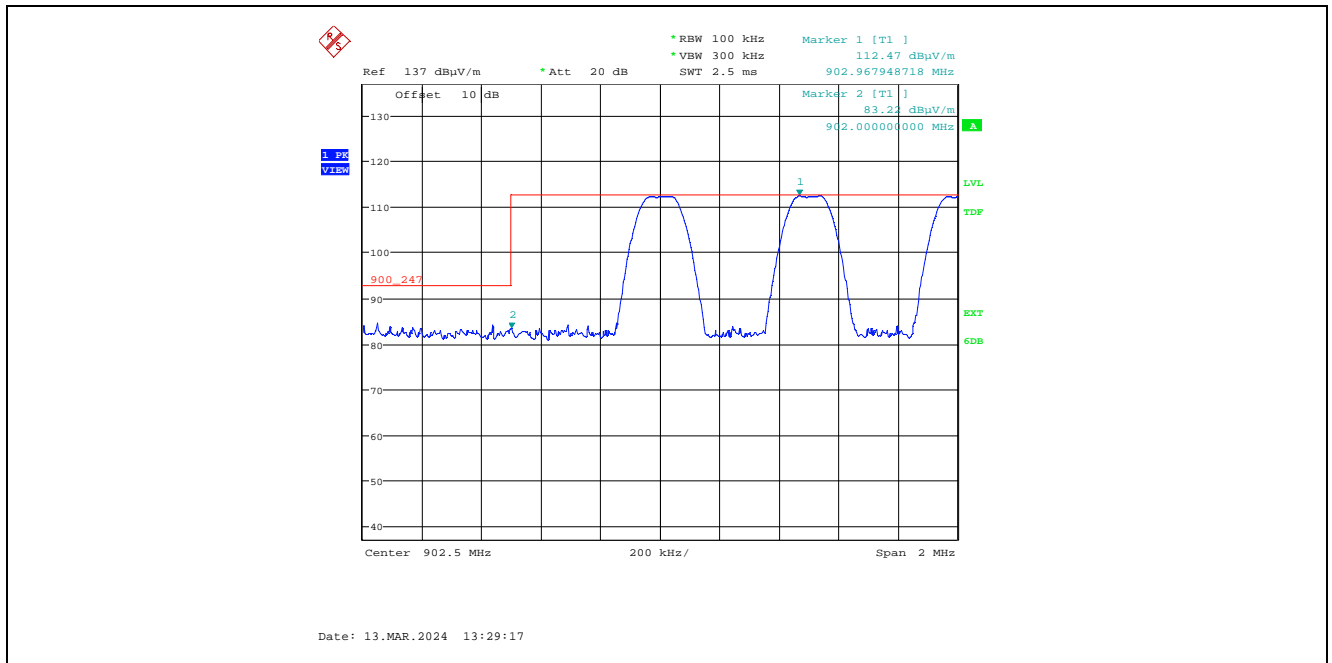
*Field strength of emissions appearing within restricted frequency bands shall not exceed the limits in § 15.209.

1.1.2. Band –Edge RF Radiated Emissions

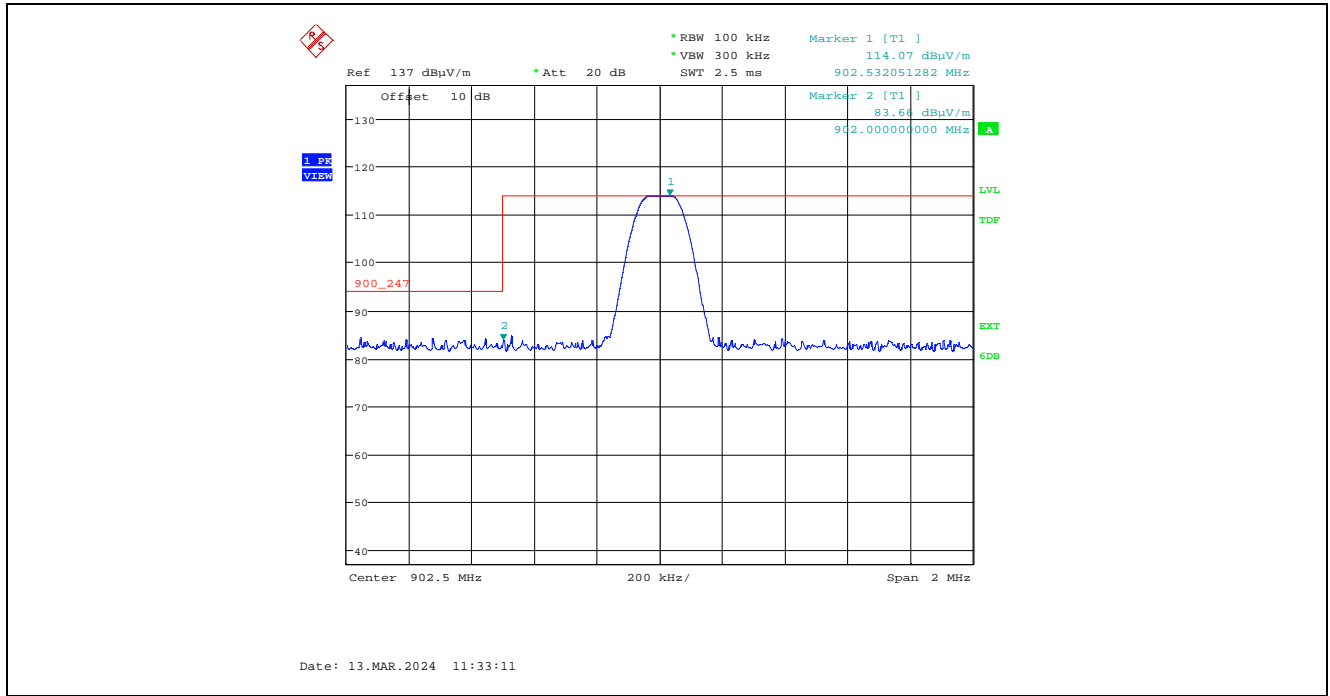
Plot 1.1.2.1. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
10 kbps, Single Frequency Mode, Low End of Frequency Band



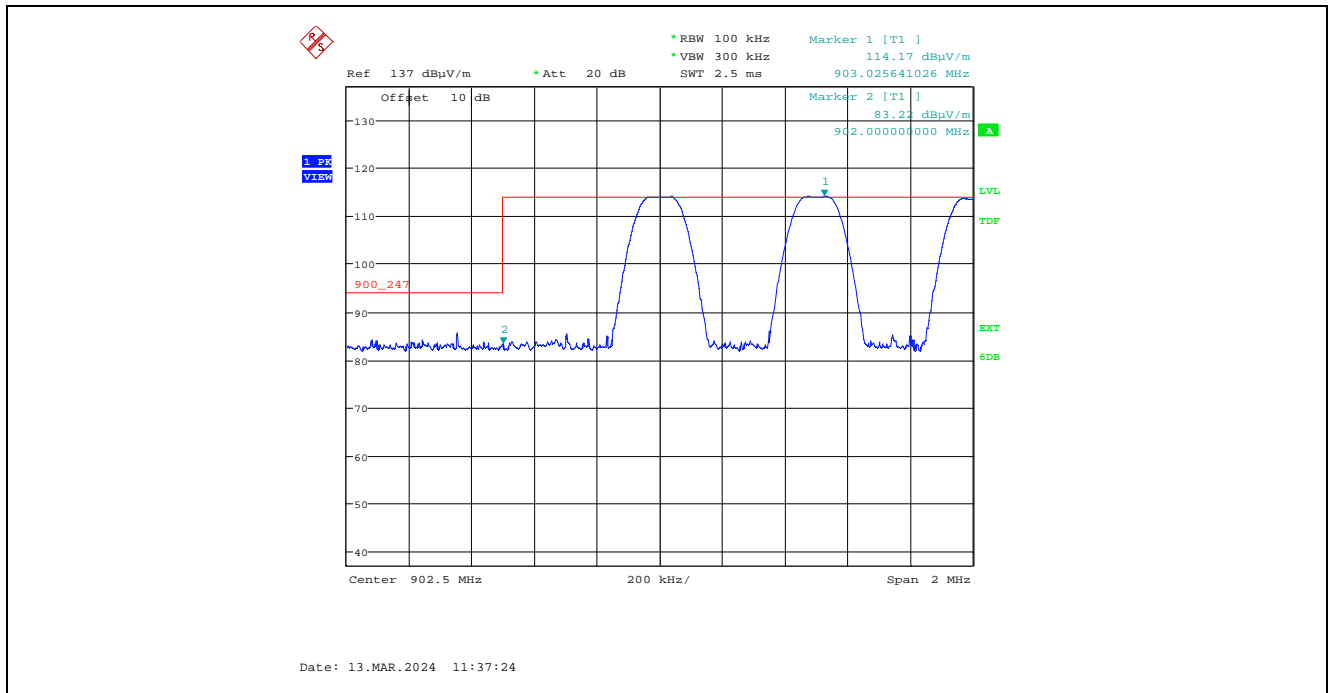
Plot 1.1.2.2. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
10 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



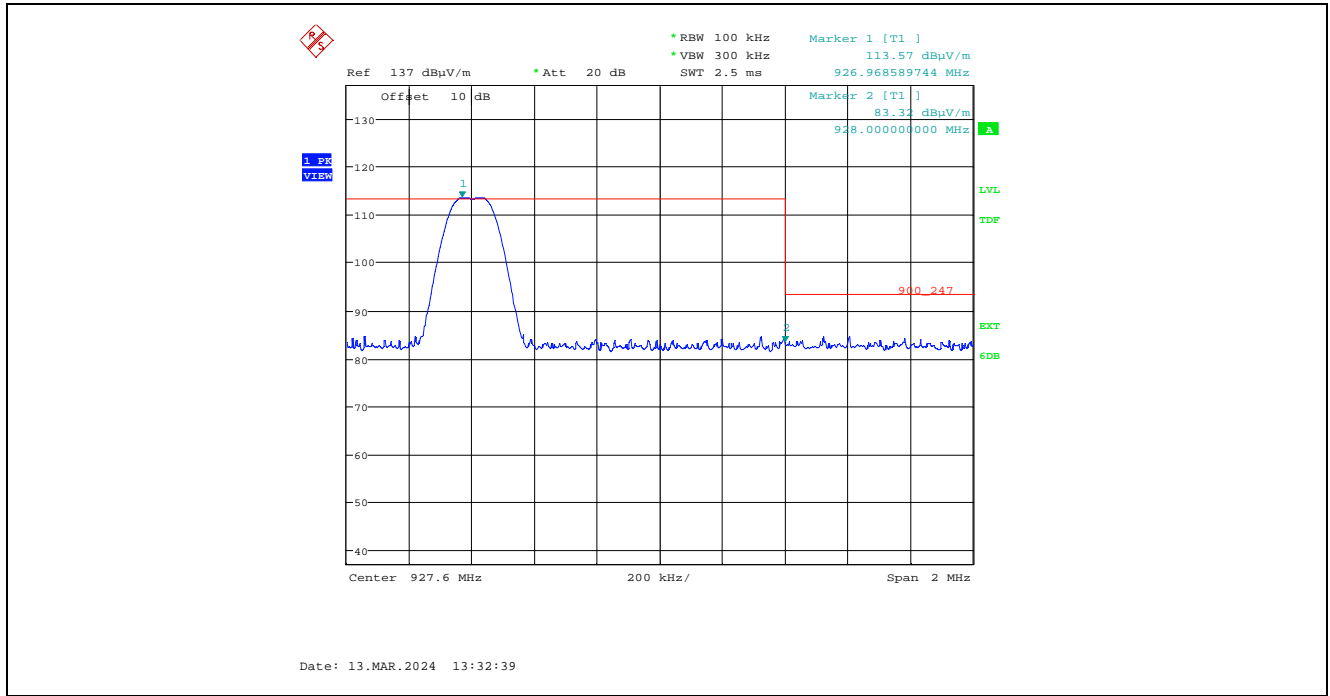
Plot 1.1.2.3. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
10 kbps, Single Frequency Mode, Low End of Frequency Band



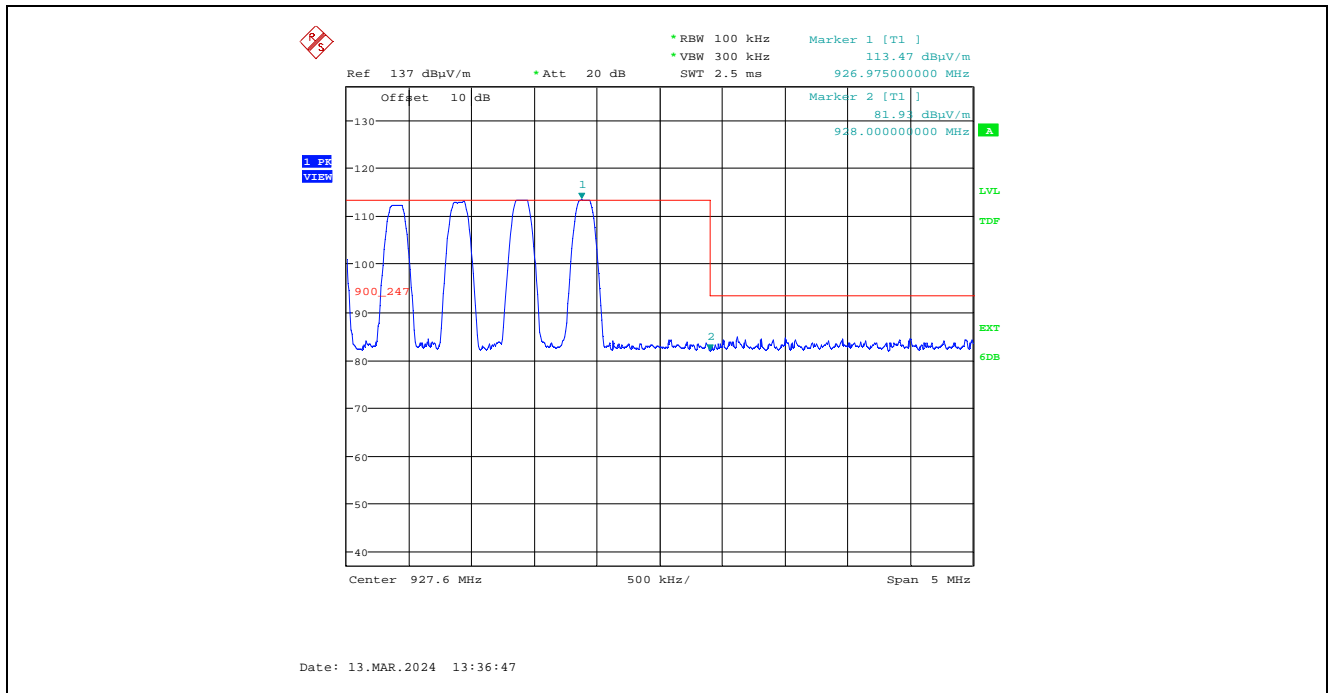
Plot 1.1.2.4. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
10 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



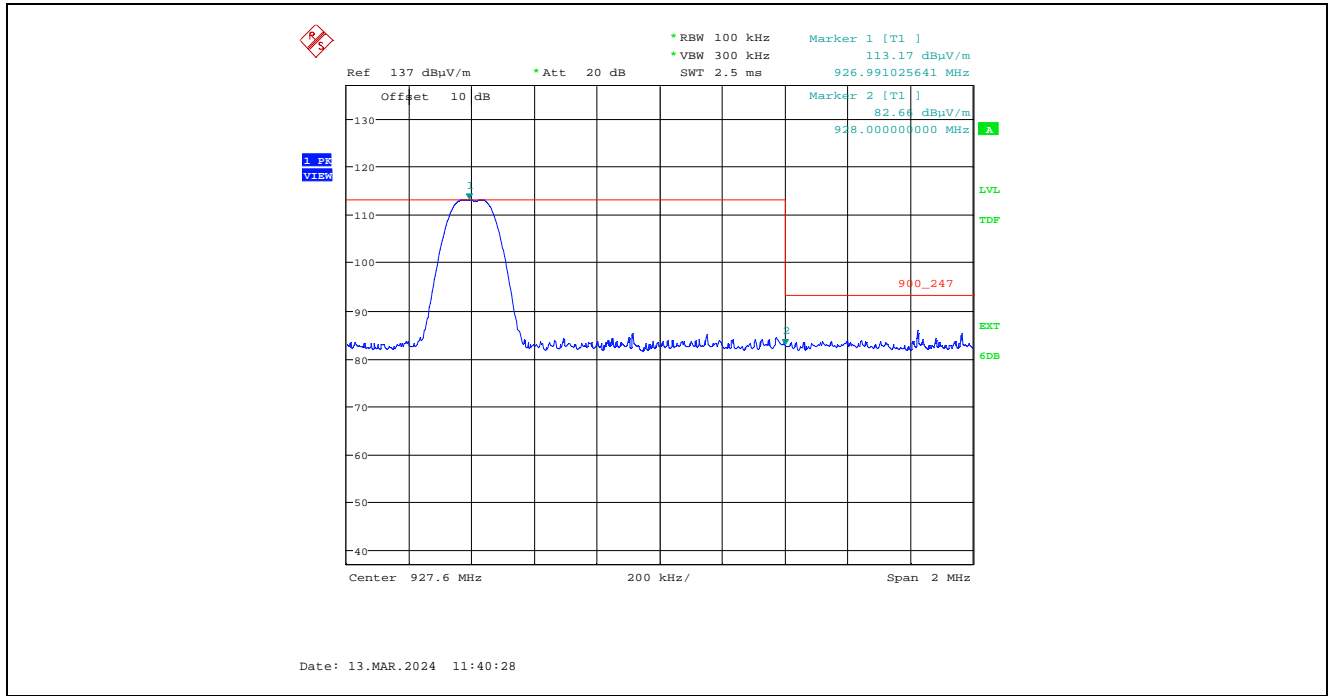
Plot 1.1.2.5. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 10 kbps, Single Frequency Mode, High End of Frequency Band



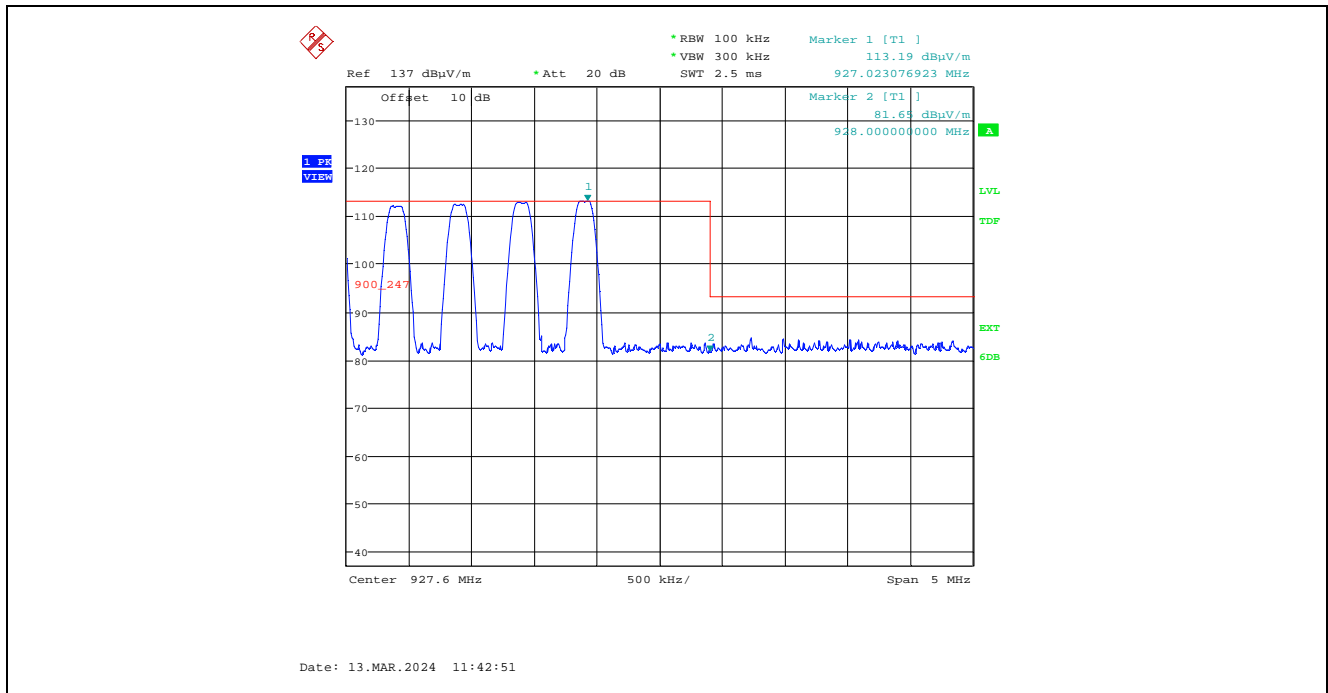
Plot 1.1.2.6. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 10 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



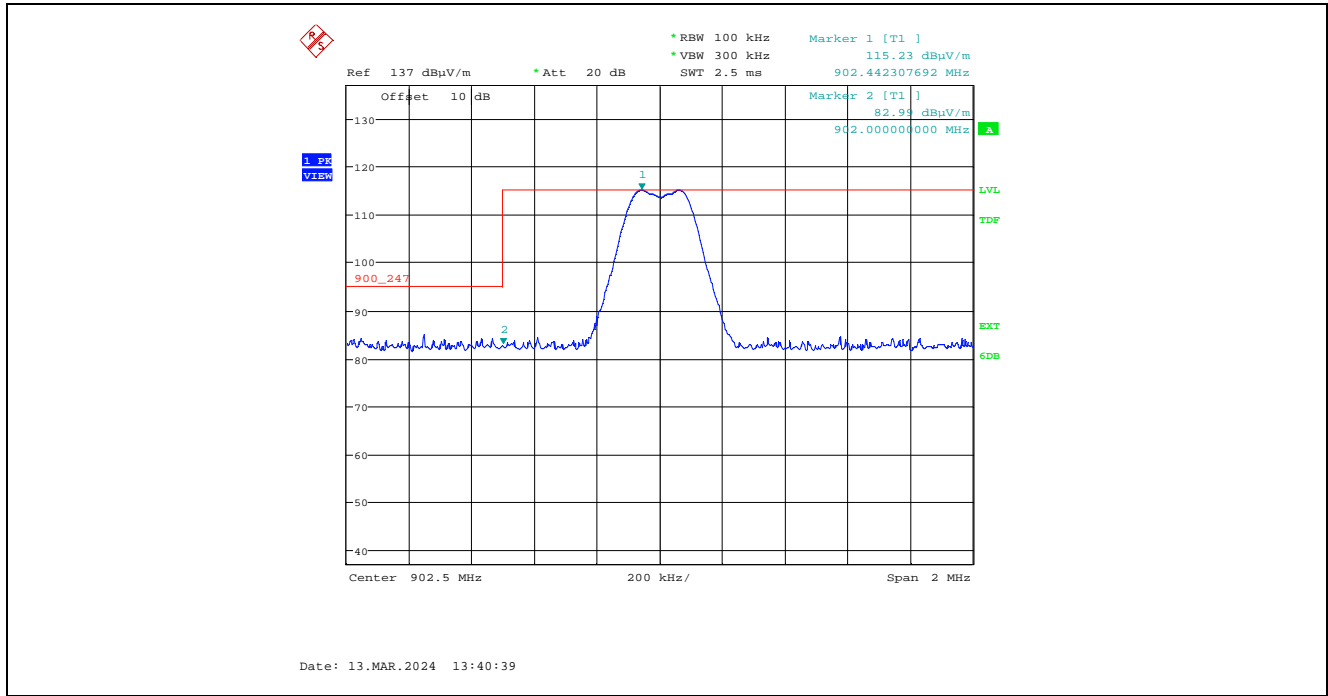
Plot 1.1.2.7. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 10 kbps, Single Frequency Mode, High End of Frequency Band



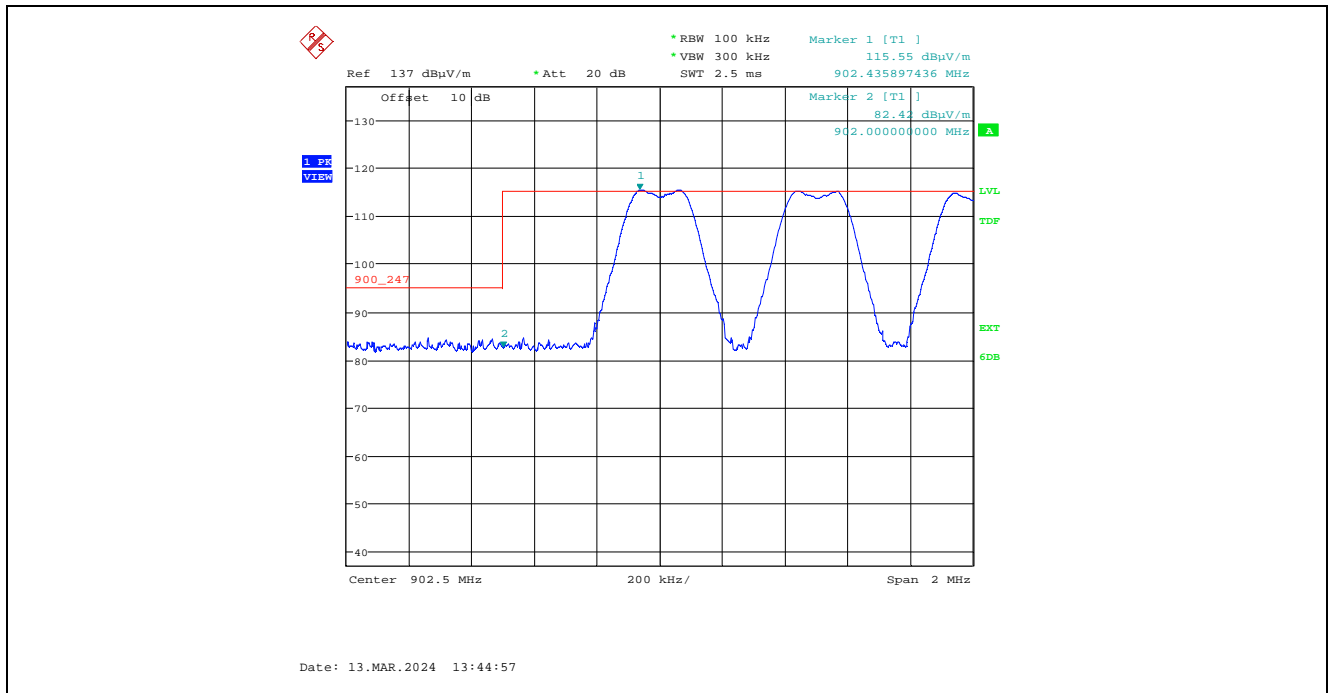
Plot 1.1.2.8. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 10 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



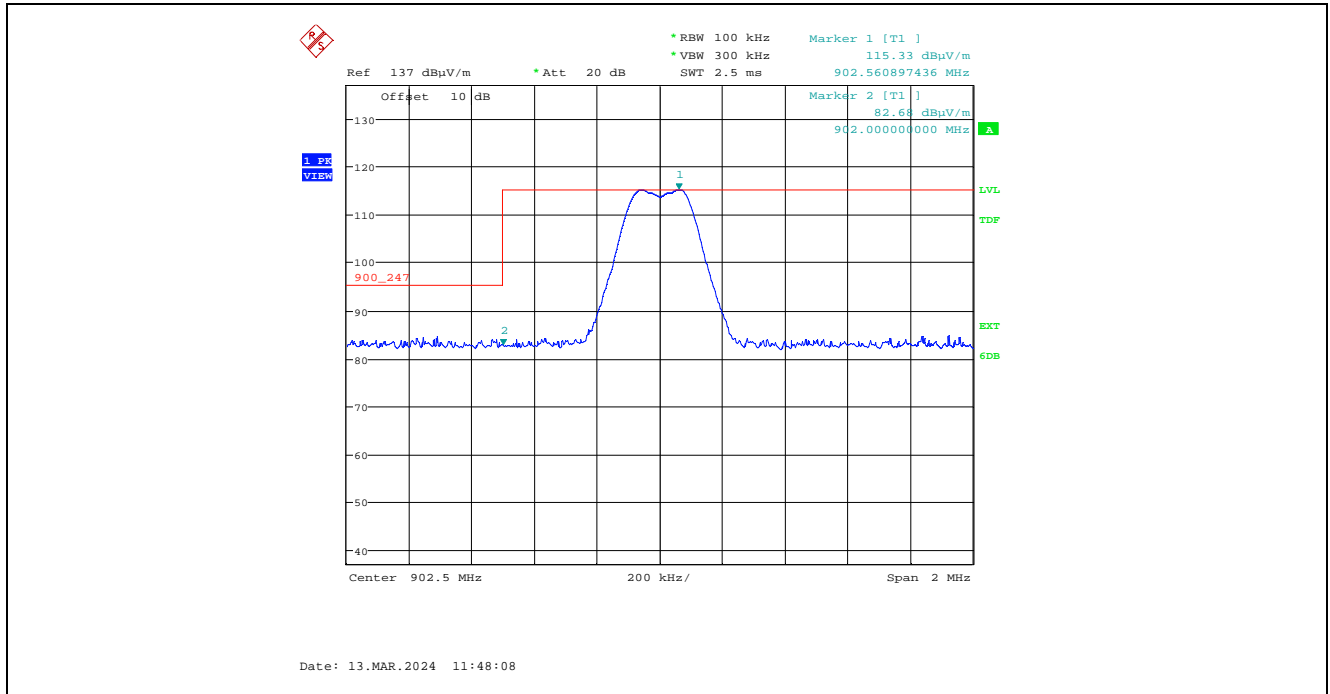
Plot 1.1.2.9. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 110 kbps, Single Frequency Mode, Low End of Frequency Band



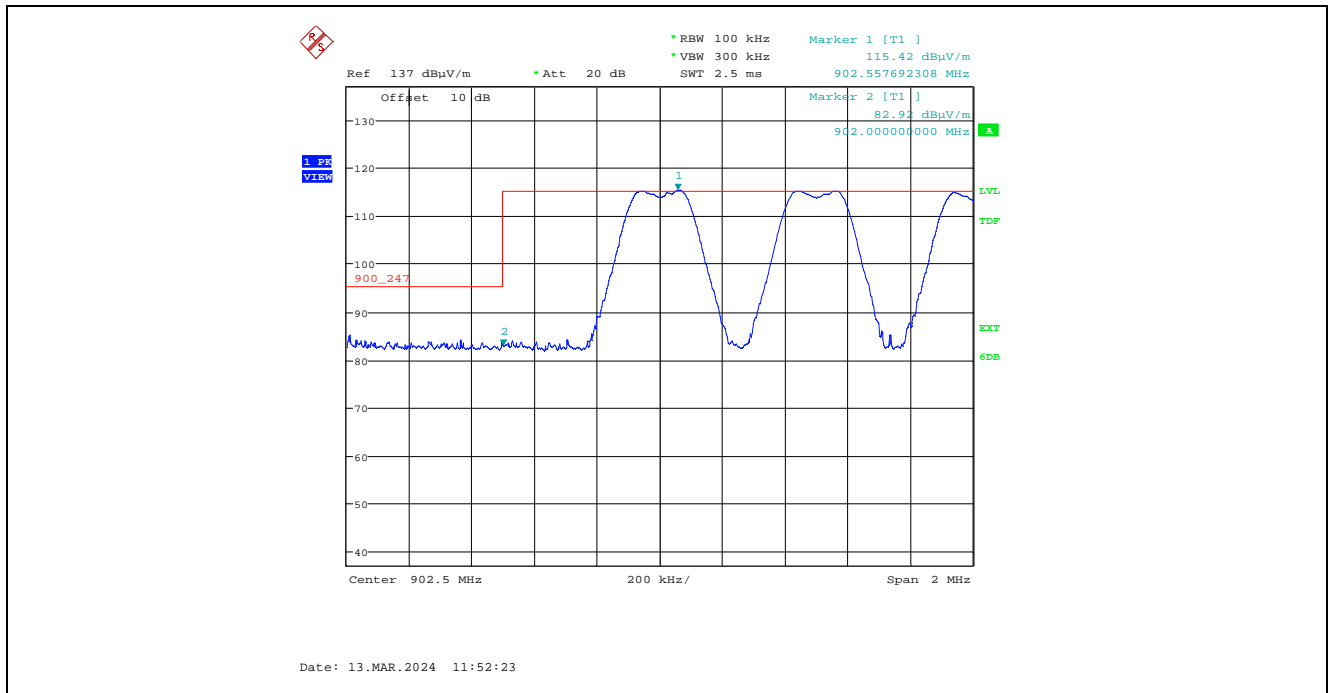
Plot 1.1.2.10. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 110 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



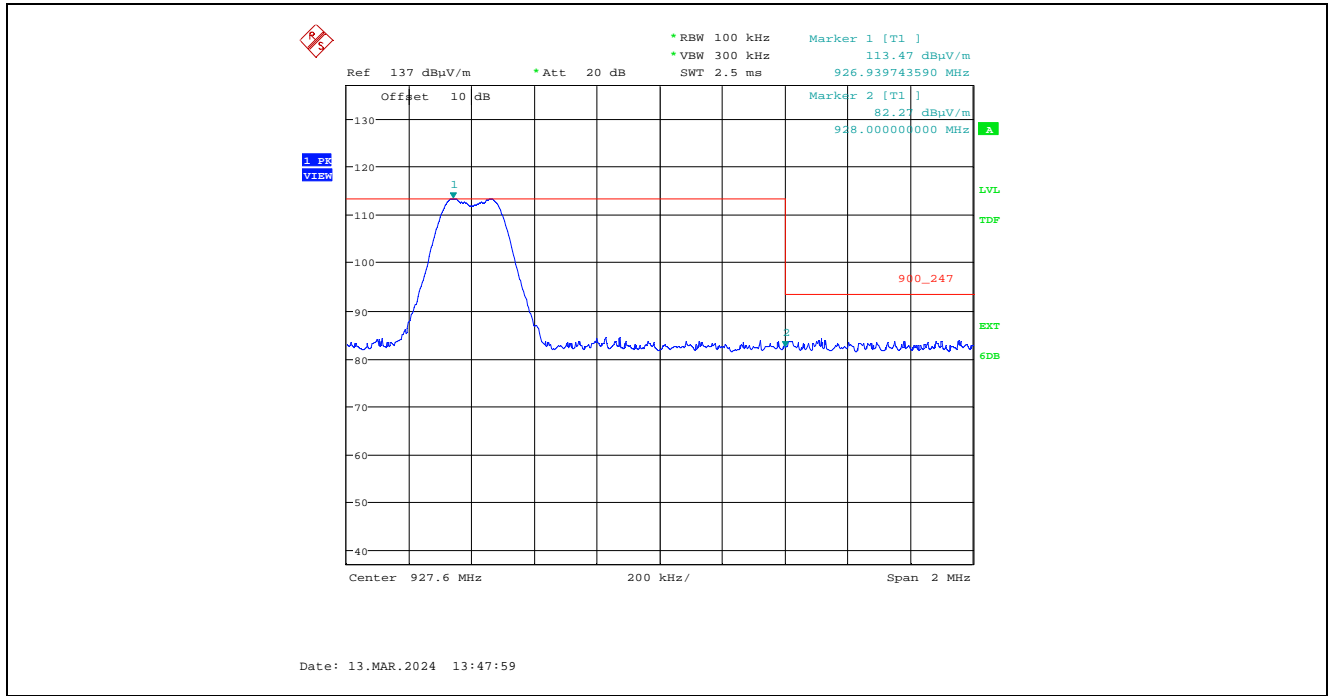
Plot 1.1.2.11. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
110 kbps, Single Frequency Mode, Low End of Frequency Band



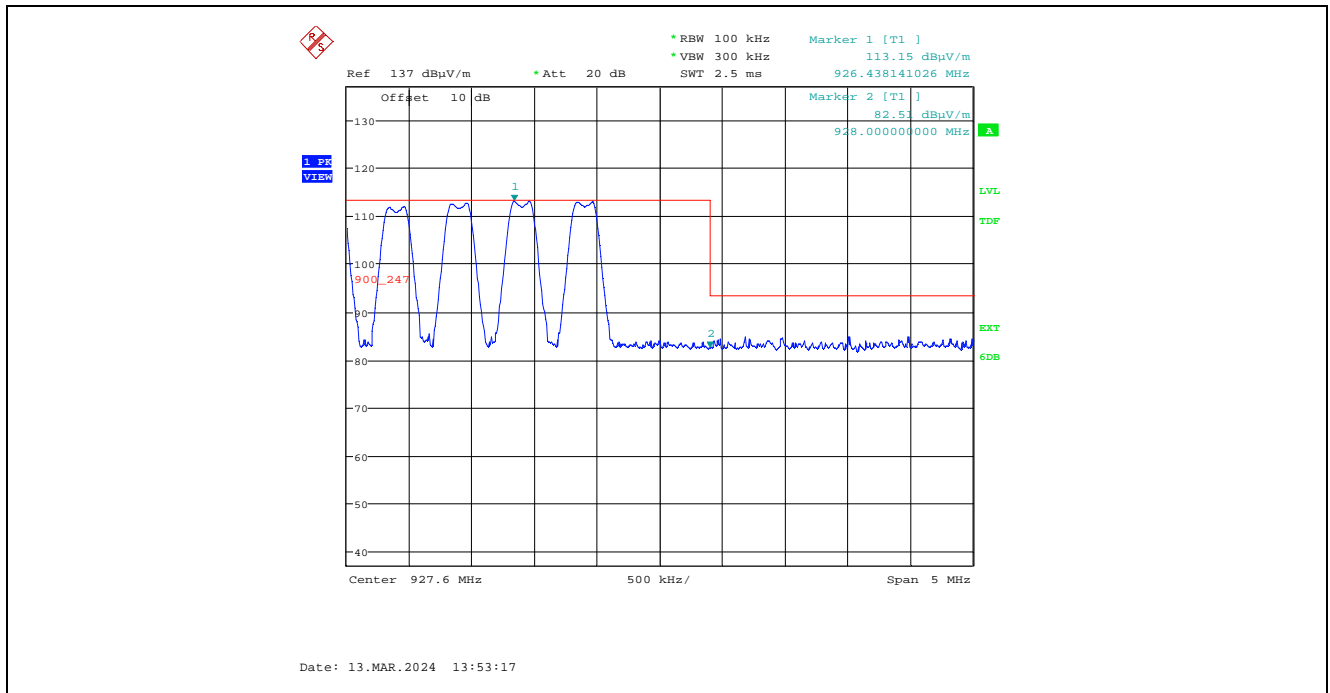
Plot 1.1.2.12. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
110 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



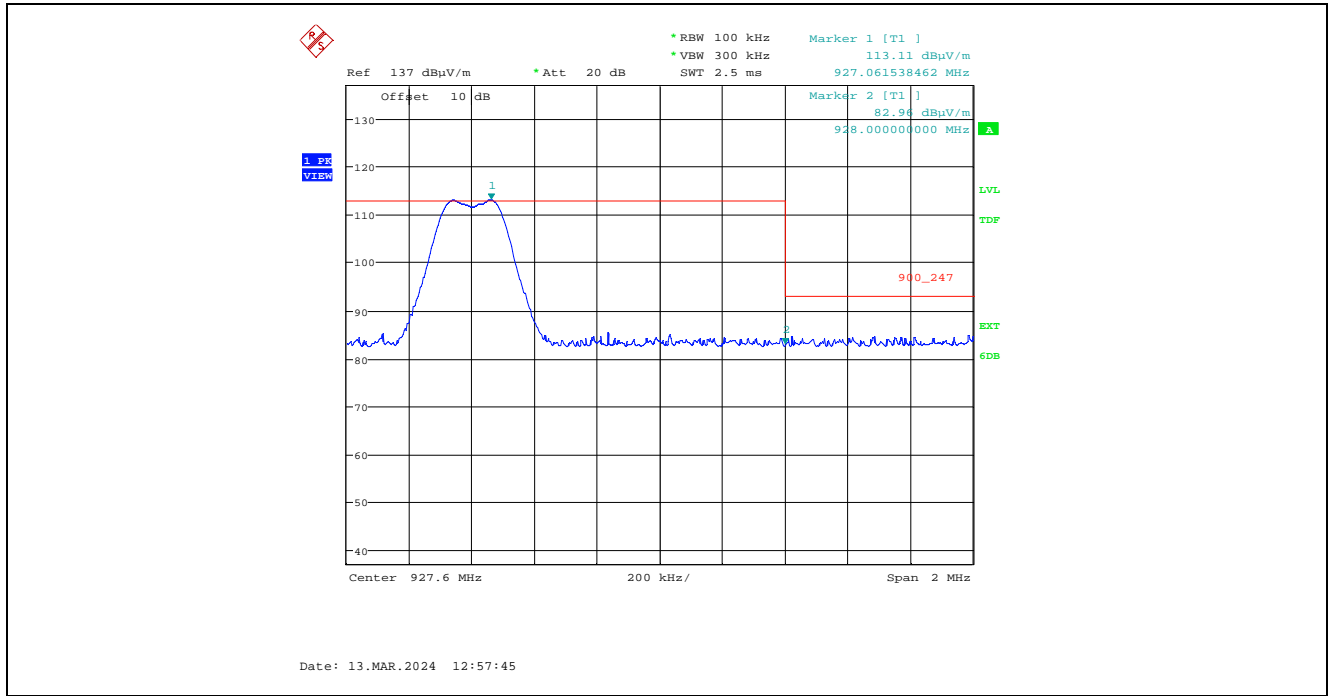
Plot 1.1.2.13. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 110 kbps, Single Frequency Mode, High End of Frequency Band



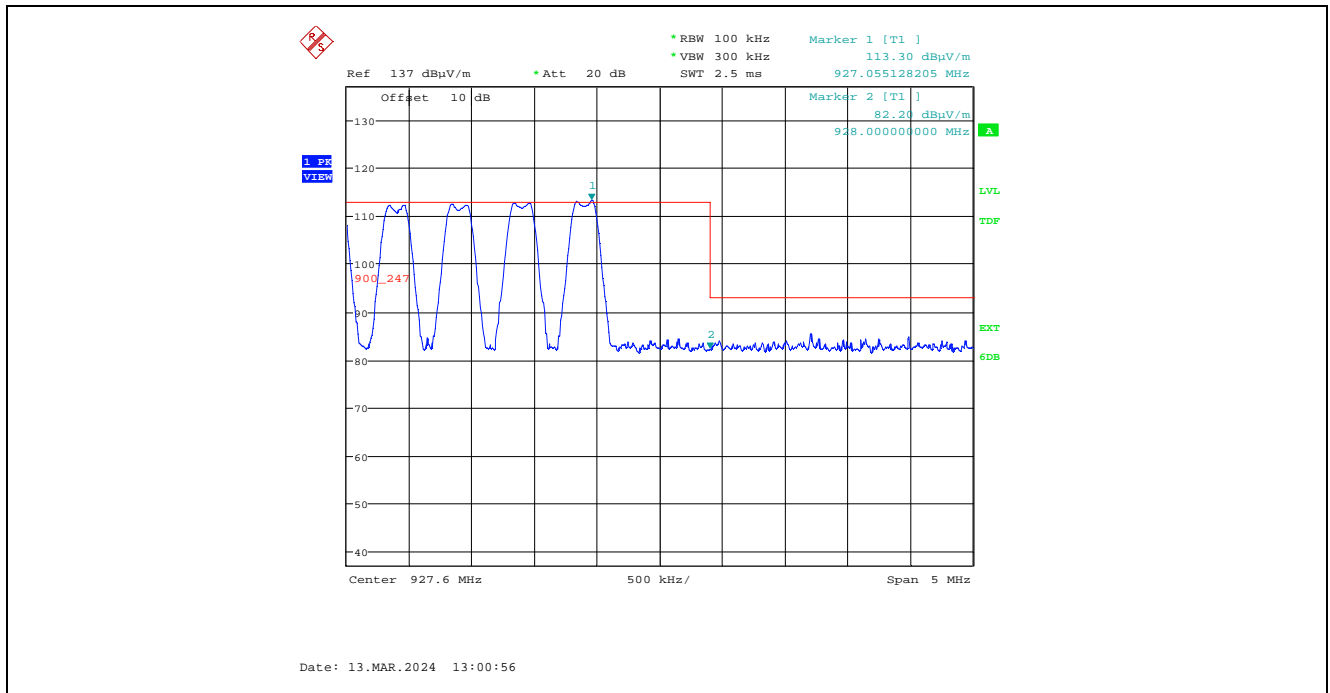
Plot 1.1.2.14. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 110 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



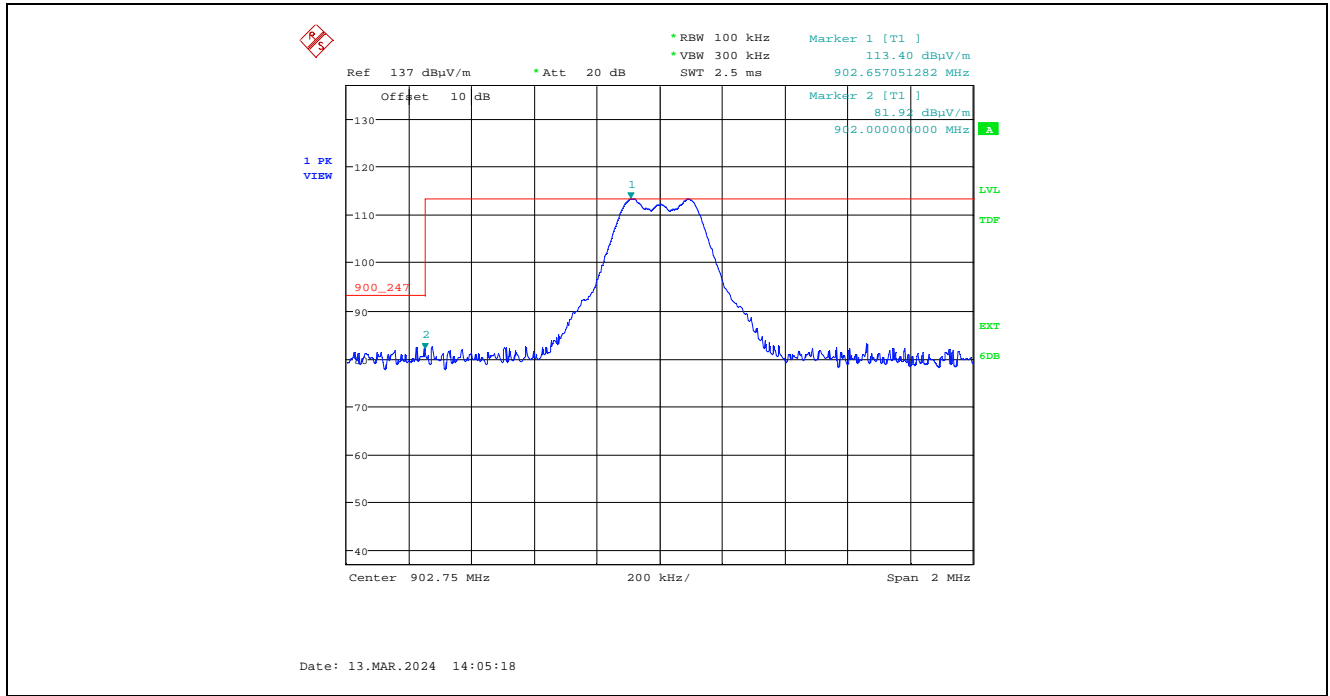
Plot 1.1.2.15. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
110 kbps, Single Frequency Mode, High End of Frequency Band



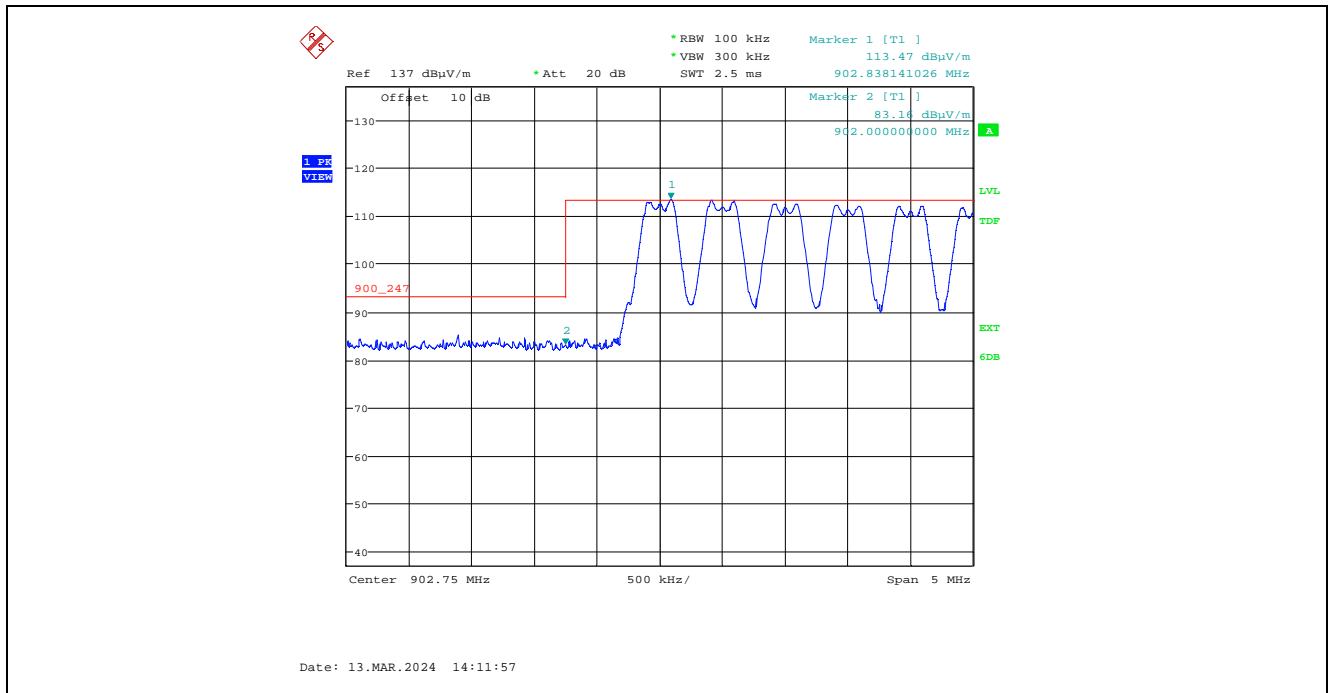
Plot 1.1.2.16. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
110 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



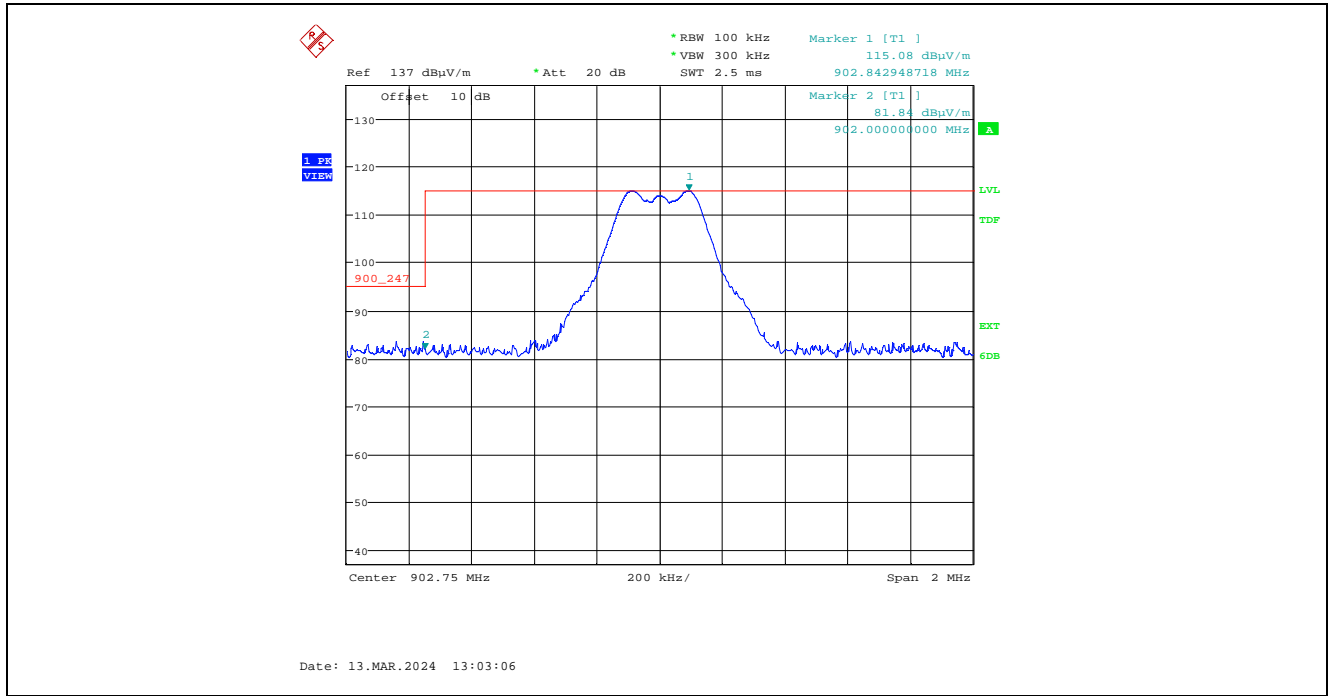
Plot 1.1.2.17. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 250 kbps, Single Frequency Mode, Low End of Frequency Band



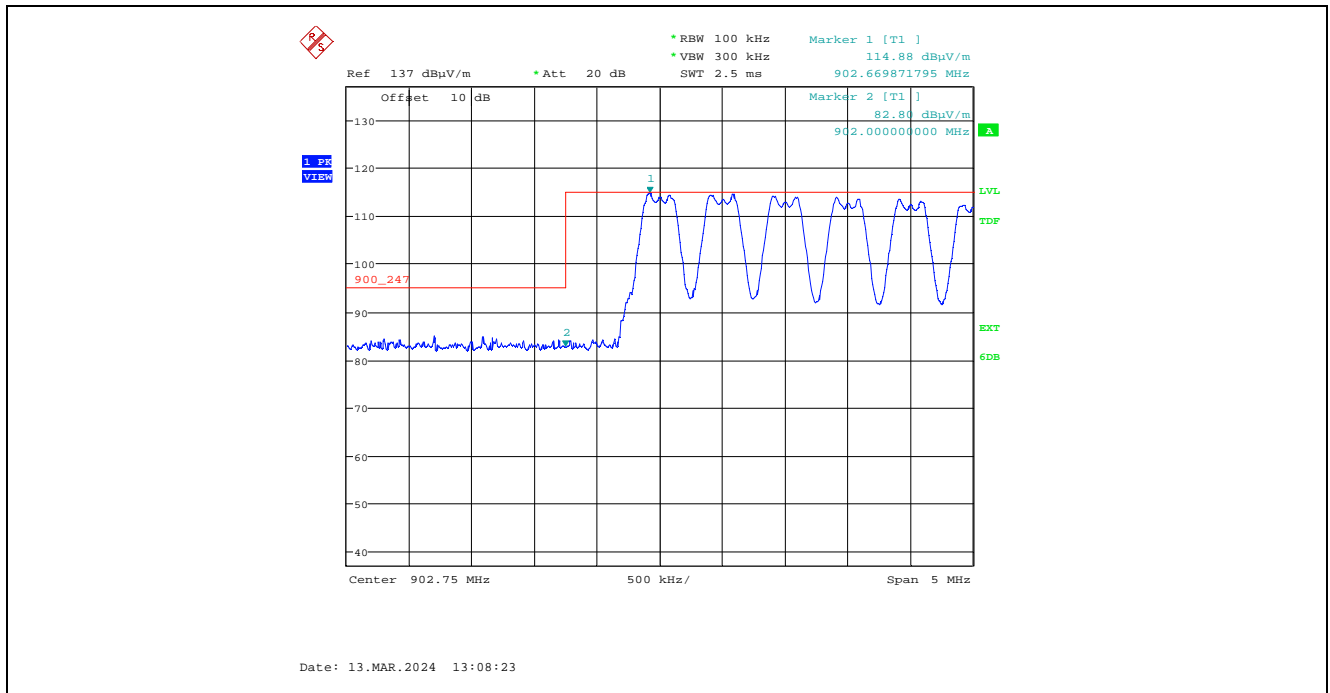
Plot 1.1.2.18. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 250 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



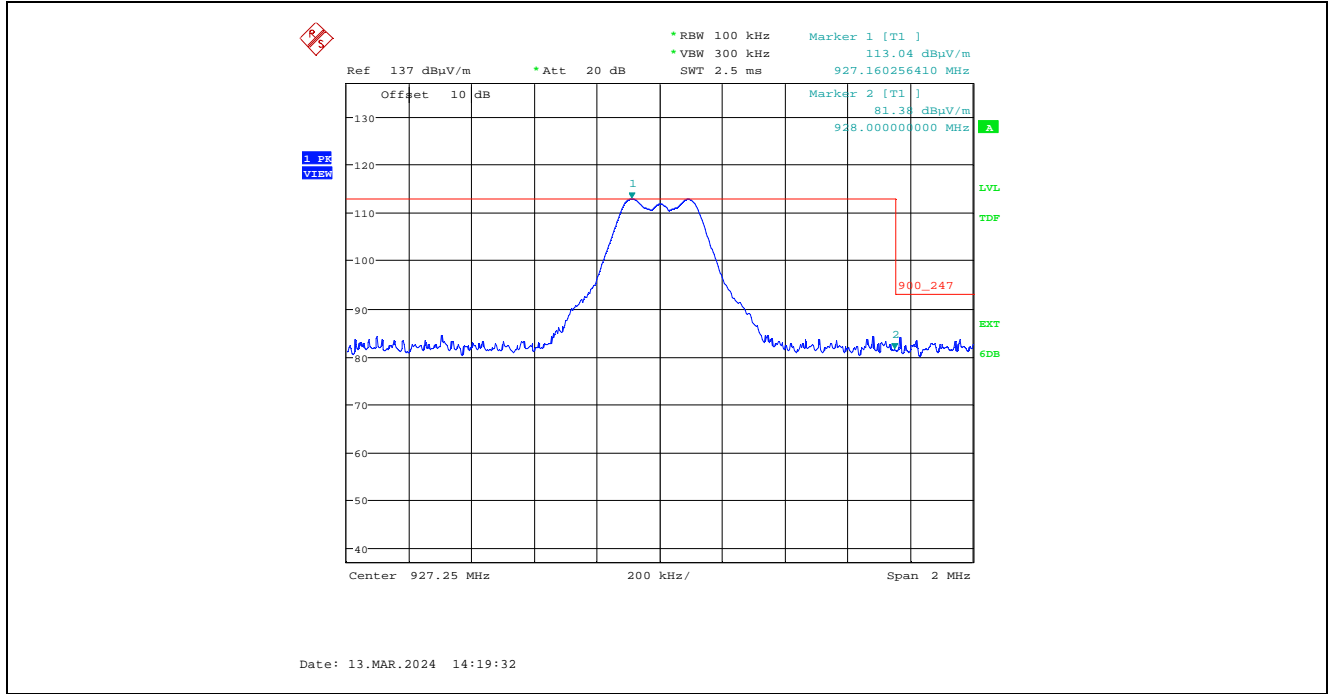
Plot 1.1.2.19. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
250 kbps, Single Frequency Mode, Low End of Frequency Band



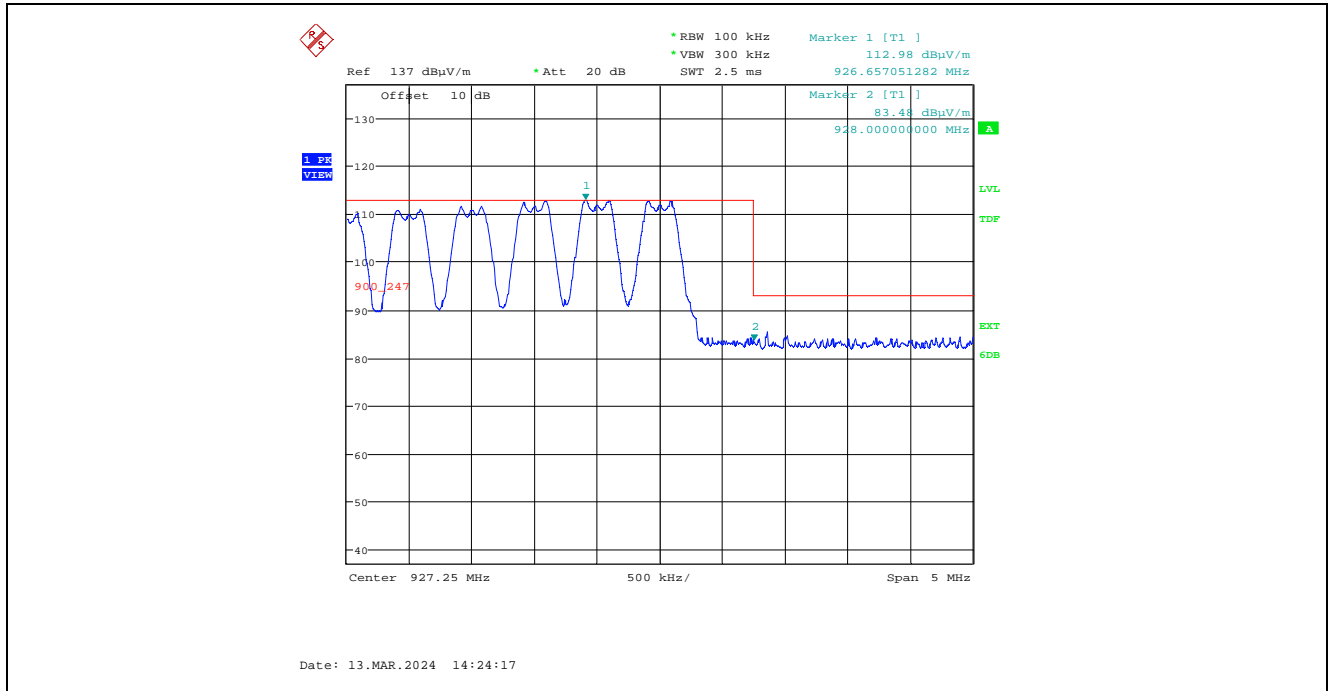
Plot 1.1.2.20. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
250 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



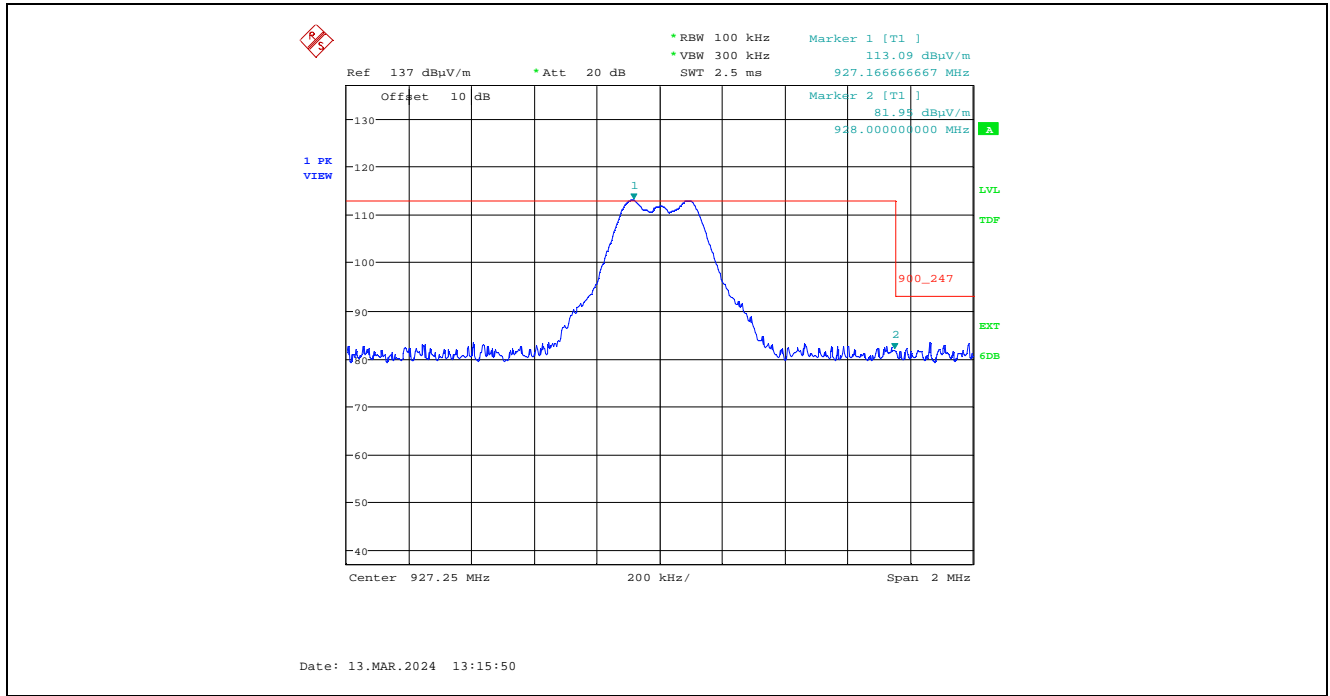
Plot 1.1.2.21. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 250 kbps, Single Frequency Mode, High End of Frequency Band



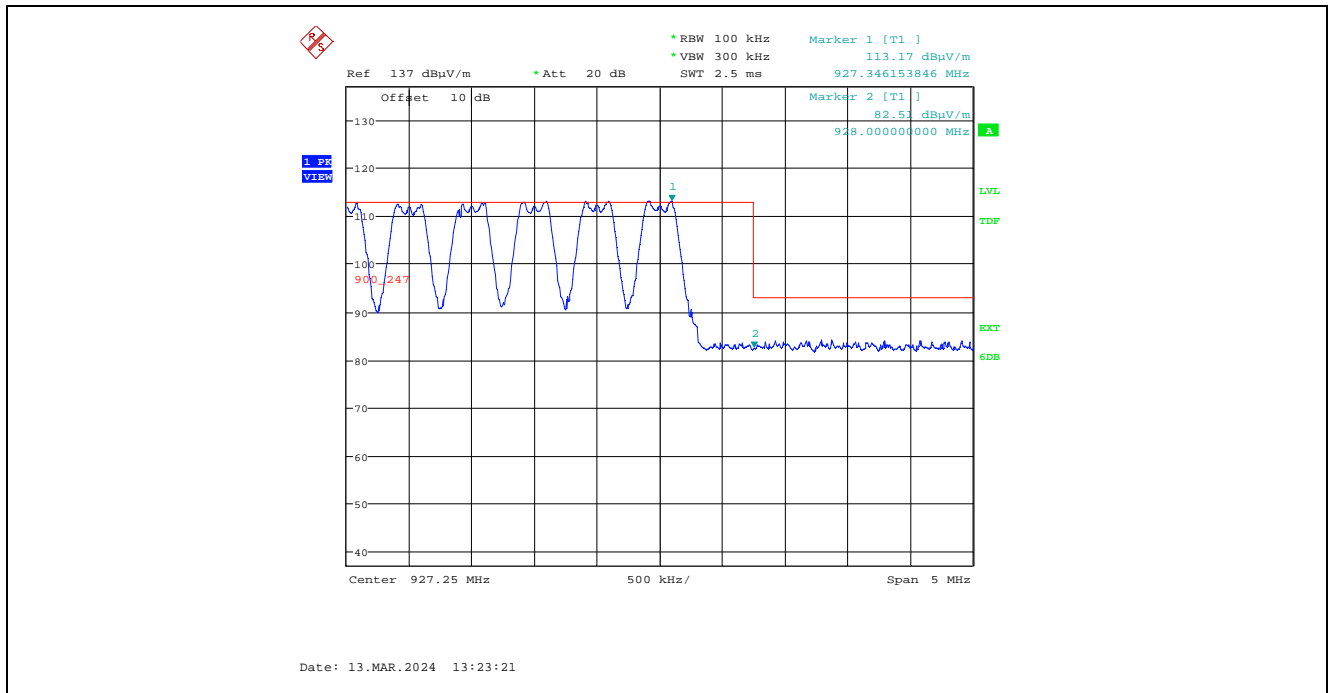
Plot 1.1.2.22. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 250 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



Plot 1.1.2.23. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
250 kbps, Single Frequency Mode, High End of Frequency Band



Plot 1.1.2.24. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
250 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



1.2. EUT with 2.96 dBi Dipole Antenna, 2.66 dBi Antenna Assembly Gain, 110 kbps Data Rate

1.2.1. Spurious Radiated Emission

| Fundamental Frequency: | | 902.5 MHz | | | | | |
|--|------------------------|-----------------------|---------------------|-----------------------|-----------------------|-------------|-----------|
| Power Setting: | | High | | | | | |
| Frequency Test Range: | | 30 MHz – 10 GHz | | | | | |
| Frequency (MHz) | RF Peak Level (dBµV/m) | RF Avg Level (dBµV/m) | Antenna Plane (H/V) | Limit 15.209 (dBµV/m) | Limit 15.247 (dBµV/m) | Margin (dB) | Pass/Fail |
| 902.5 | 114.60 | -- | V | -- | -- | -- | -- |
| 902.5 | 113.26 | -- | H | -- | -- | -- | -- |
| 2707.5 | 43.66 | 34.19 | V | 54.0 | 94.6 | -19.8 | Pass* |
| 2707.5 | 48.59 | 45.27 | H | 54.0 | 94.6 | -8.7 | Pass* |
| 3610.0 | 47.32 | 39.63 | V | 54.0 | 94.6 | -14.4 | Pass* |
| 3610.0 | 49.81 | 45.09 | H | 54.0 | 94.6 | -8.9 | Pass* |
| All other spurious emissions and harmonics are more than 20 dB below the applicable limit. | | | | | | | |

*Field strength of emissions appearing within restricted frequency bands shall not exceed the limits in § 15.209.

| Fundamental Frequency: | | 915 MHz | | | | | |
|--|------------------------|-----------------------|---------------------|-----------------------|-----------------------|-------------|-----------|
| Power Setting: | | High | | | | | |
| Frequency Test Range: | | 30 MHz – 10 GHz | | | | | |
| Frequency (MHz) | RF Peak Level (dBµV/m) | RF Avg Level (dBµV/m) | Antenna Plane (H/V) | Limit 15.209 (dBµV/m) | Limit 15.247 (dBµV/m) | Margin (dB) | Pass/Fail |
| 915.0 | 114.53 | -- | V | -- | -- | -- | -- |
| 915.0 | 113.62 | -- | H | -- | -- | -- | -- |
| 2745.0 | 44.86 | 37.89 | V | 54.0 | 94.5 | -16.1 | Pass* |
| 2745.0 | 52.04 | 49.04 | H | 54.0 | 94.5 | -5.0 | Pass* |
| 3660.0 | 46.57 | 38.11 | V | 54.0 | 94.5 | -15.9 | Pass* |
| 3660.0 | 50.65 | 46.18 | H | 54.0 | 94.5 | -7.8 | Pass* |
| All other spurious emissions and harmonics are more than 20 dB below the applicable limit. | | | | | | | |

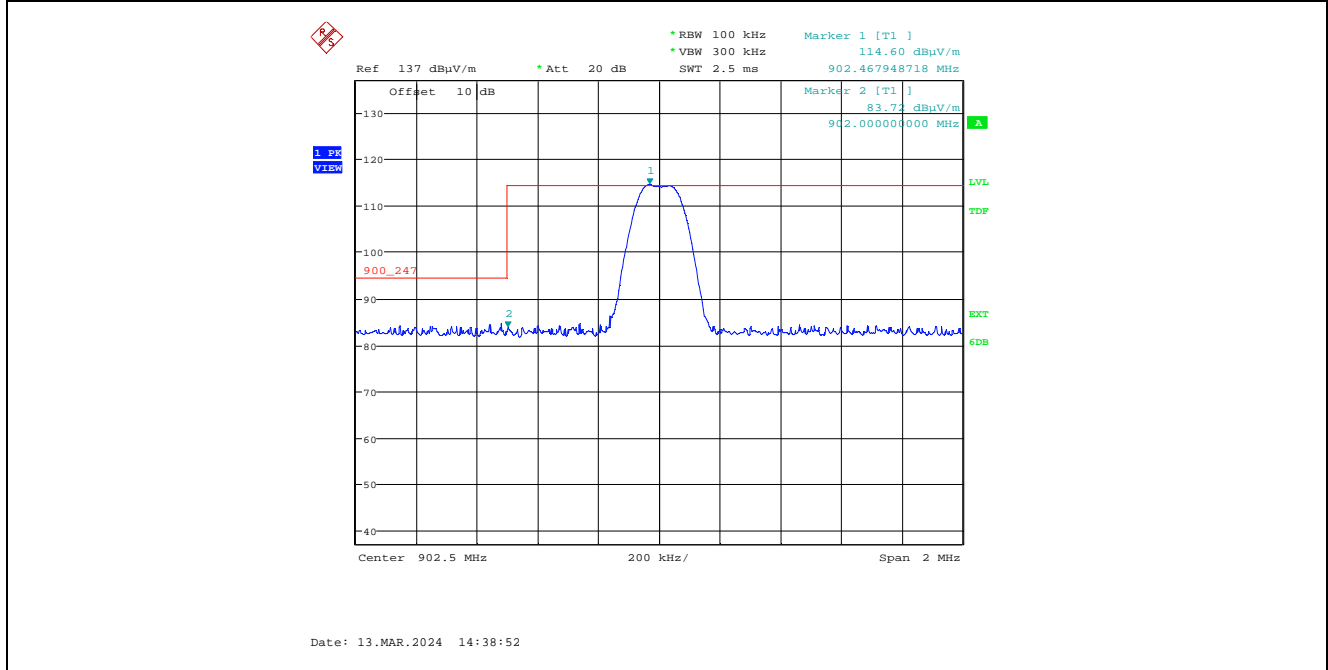
*Field strength of emissions appearing within restricted frequency bands shall not exceed the limits in § 15.209.

| Fundamental Frequency: | | 927 MHz | | | | | |
|--|------------------------|-----------------------|---------------------|-----------------------|-----------------------|-------------|-----------|
| Power Setting: | | High | | | | | |
| Frequency Test Range: | | 30 MHz – 10 GHz | | | | | |
| Frequency (MHz) | RF Peak Level (dBµV/m) | RF Avg Level (dBµV/m) | Antenna Plane (H/V) | Limit 15.209 (dBµV/m) | Limit 15.247 (dBµV/m) | Margin (dB) | Pass/Fail |
| 927.0 | 115.22 | -- | V | -- | -- | -- | -- |
| 927.0 | 114.42 | -- | H | -- | -- | -- | -- |
| 2781.0 | 47.01 | 43.10 | V | 54.0 | 95.2 | -10.9 | Pass* |
| 2781.0 | 49.10 | 45.58 | H | 54.0 | 95.2 | -8.4 | Pass* |
| 3708.0 | 45.46 | 37.16 | V | 54.0 | 95.2 | -16.8 | Pass* |
| 3708.0 | 50.52 | 44.99 | H | 54.0 | 95.2 | -9.0 | Pass* |
| All other spurious emissions and harmonics are more than 20 dB below the applicable limit. | | | | | | | |

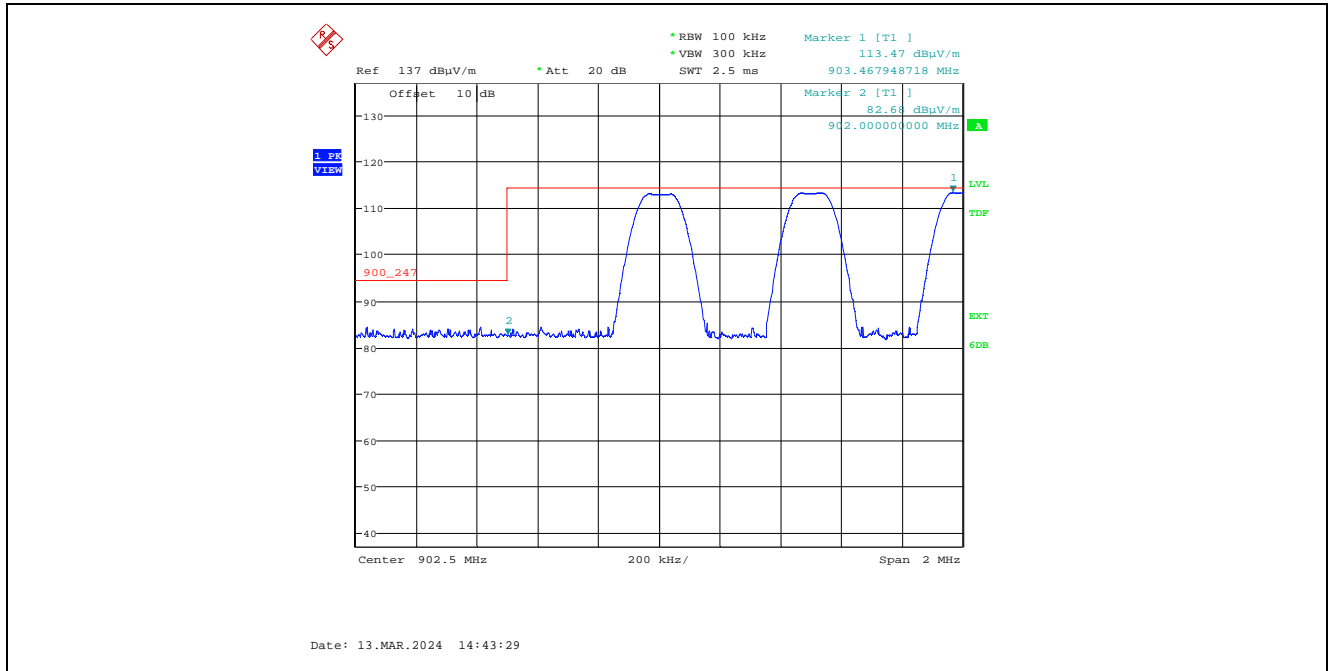
*Field strength of emissions appearing within restricted frequency bands shall not exceed the limits in § 15.209.

1.2.2. Band –Edge RF Radiated Emissions

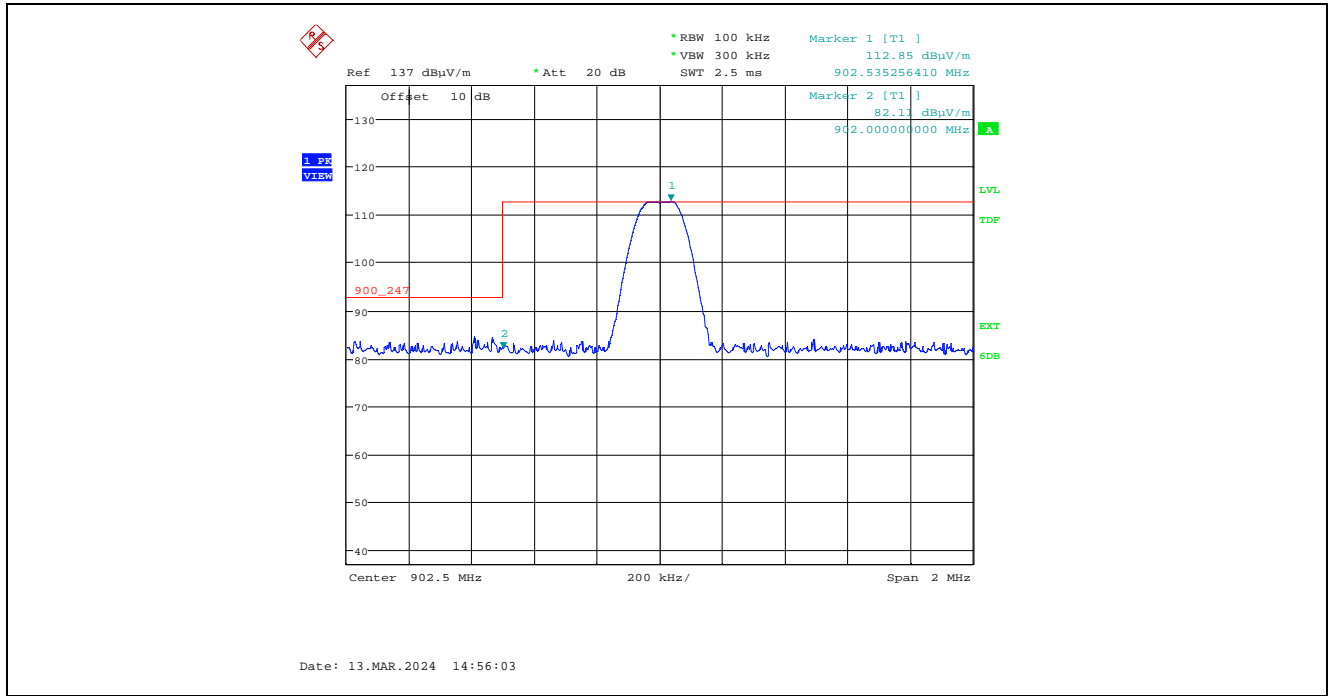
Plot 1.2.2.1. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
10 kbps, Single Frequency Mode, Low End of Frequency Band



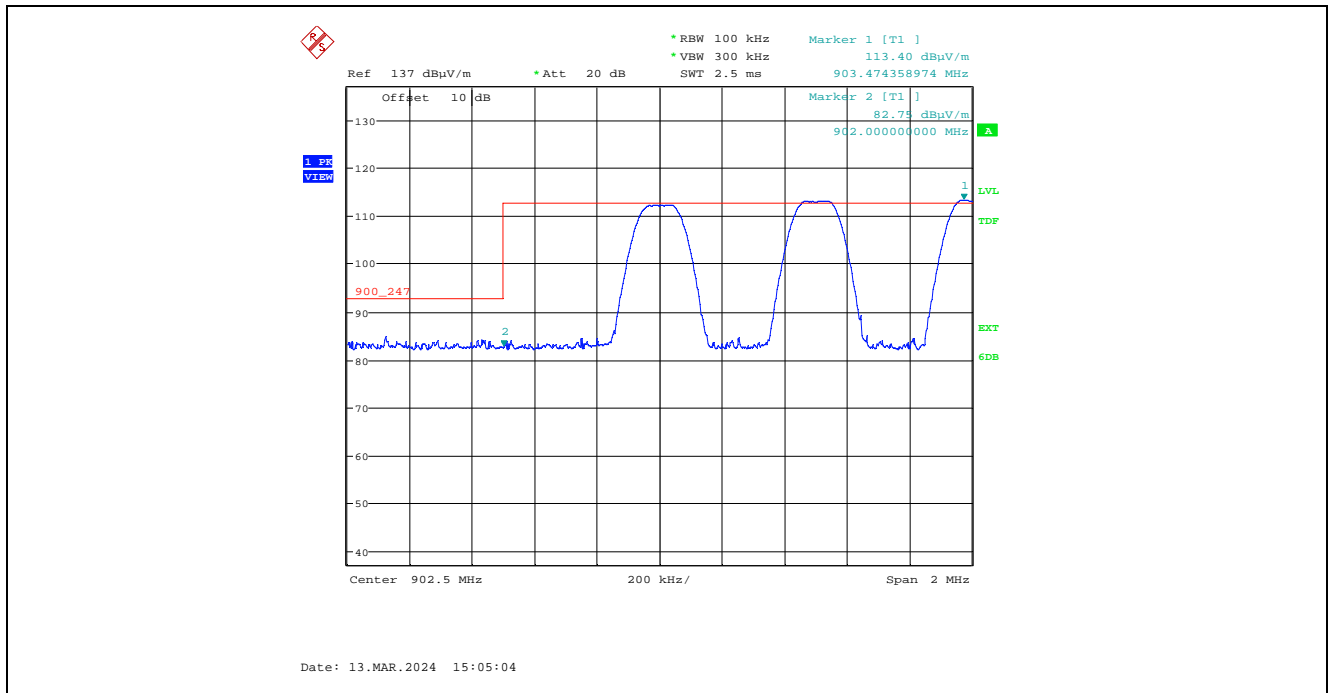
Plot 1.2.2.2. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
10 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



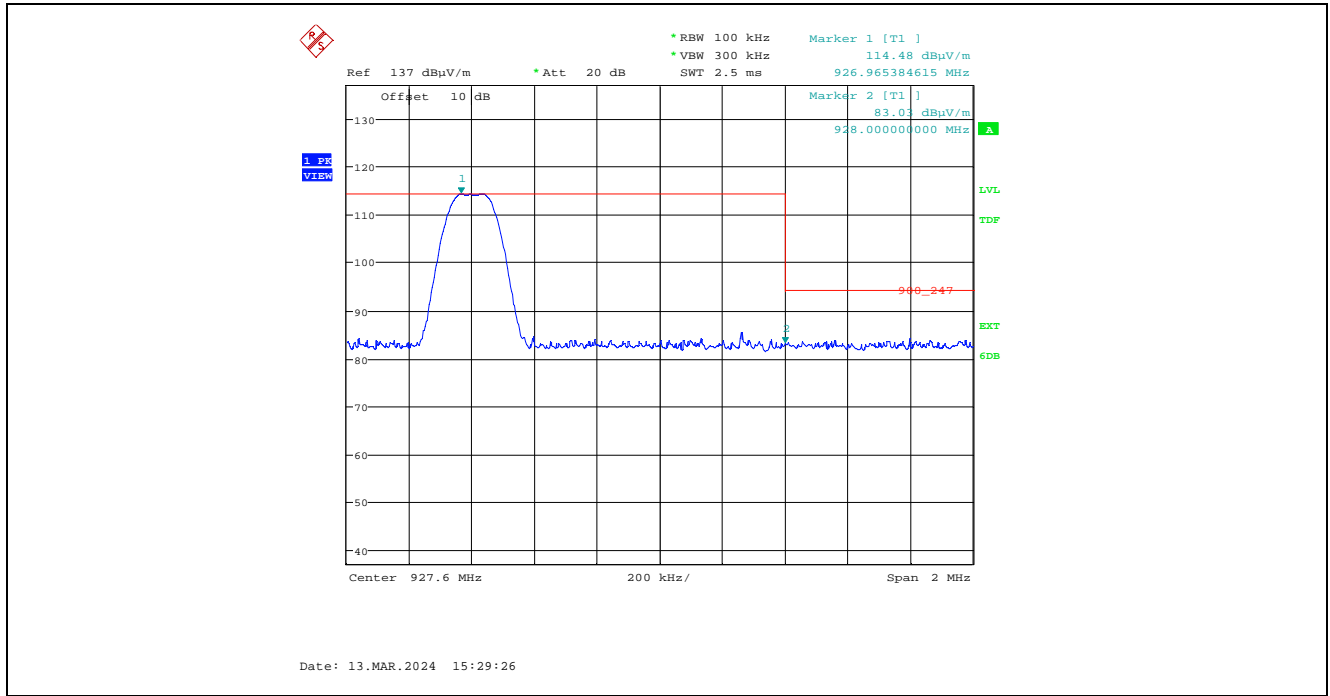
**Plot 1.2.2.3. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 10 kbps, Single Frequency Mode, Low End of Frequency Band**



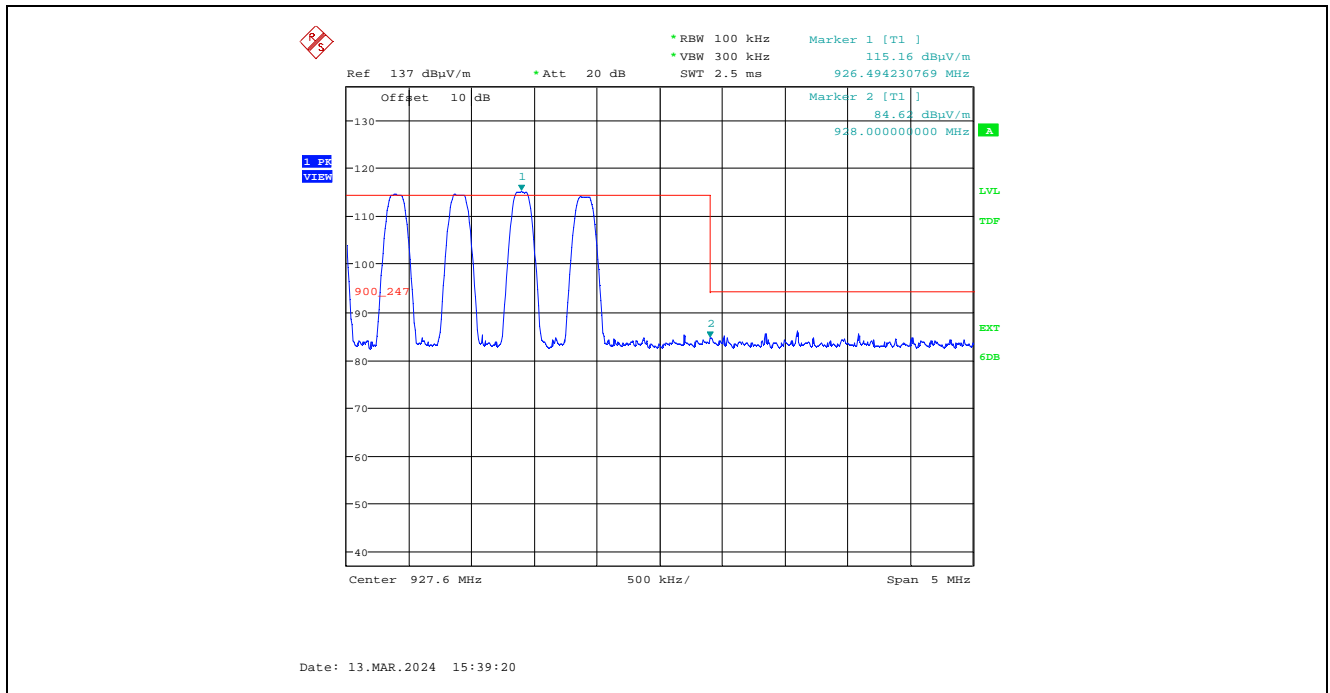
**Plot 1.2.2.4. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 10 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band**



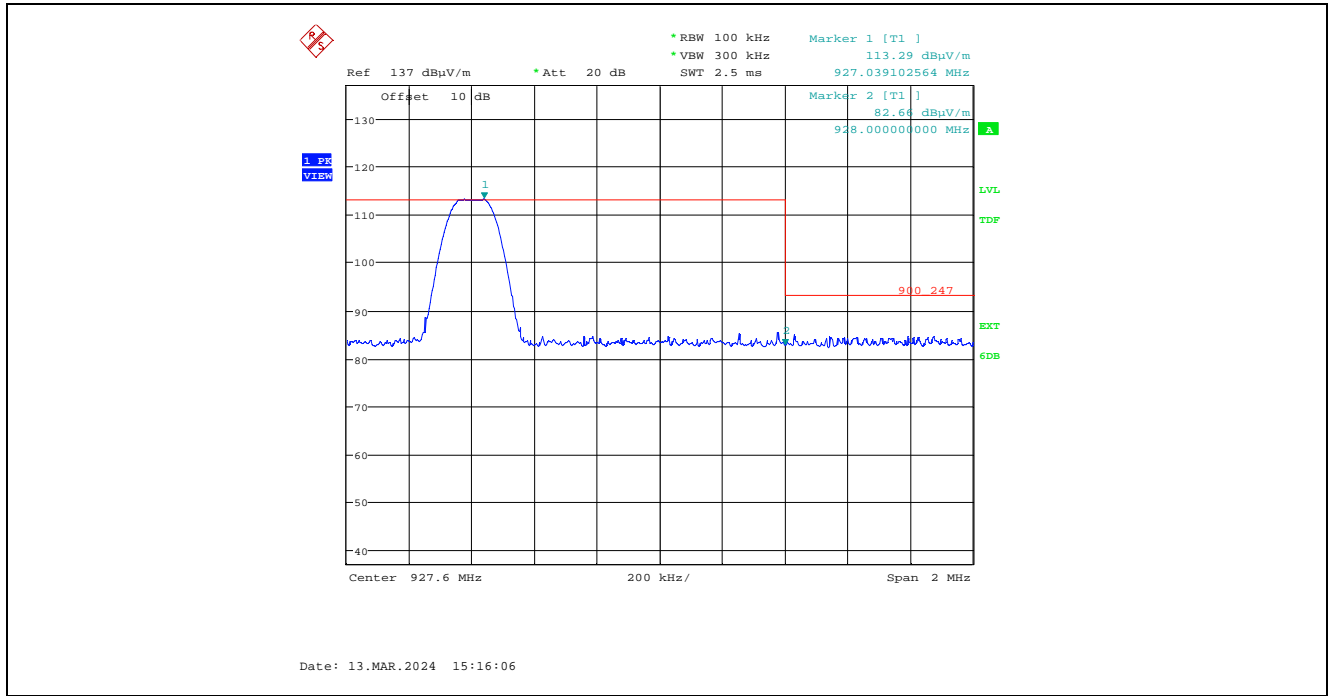
Plot 1.2.2.5. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
10 kbps, Single Frequency Mode, High End of Frequency Band



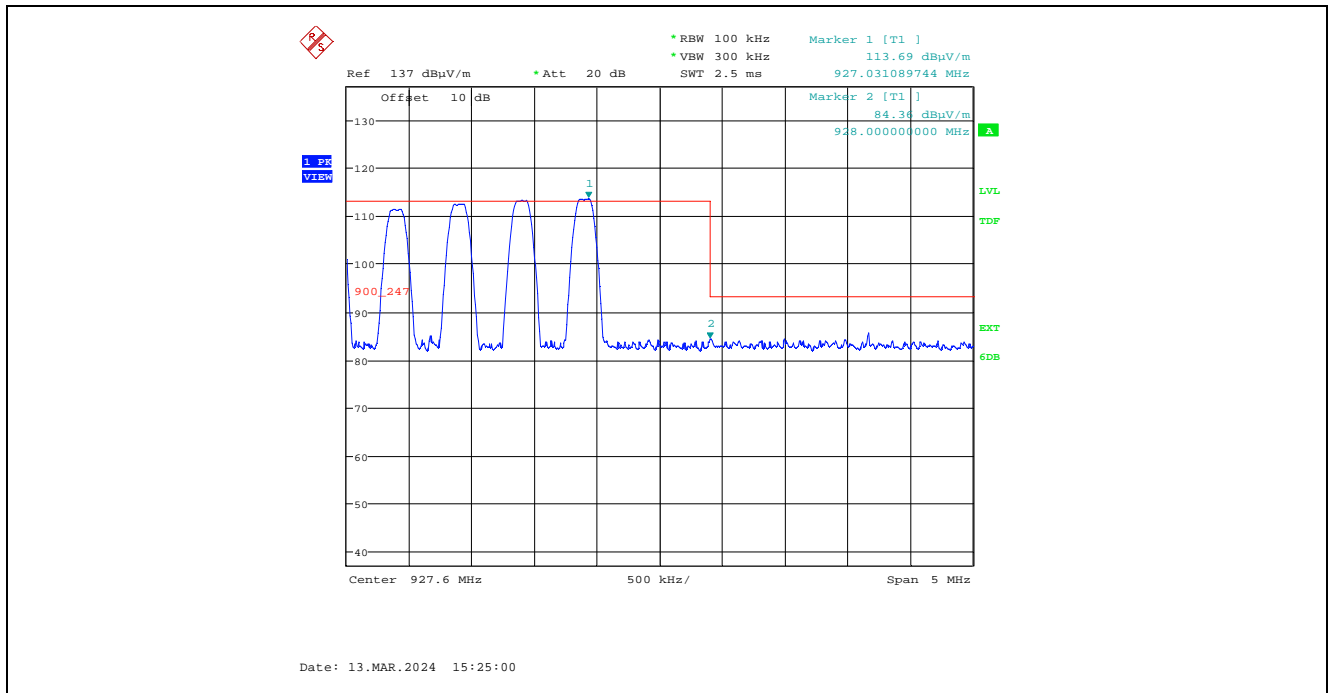
Plot 1.2.2.6. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
10 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



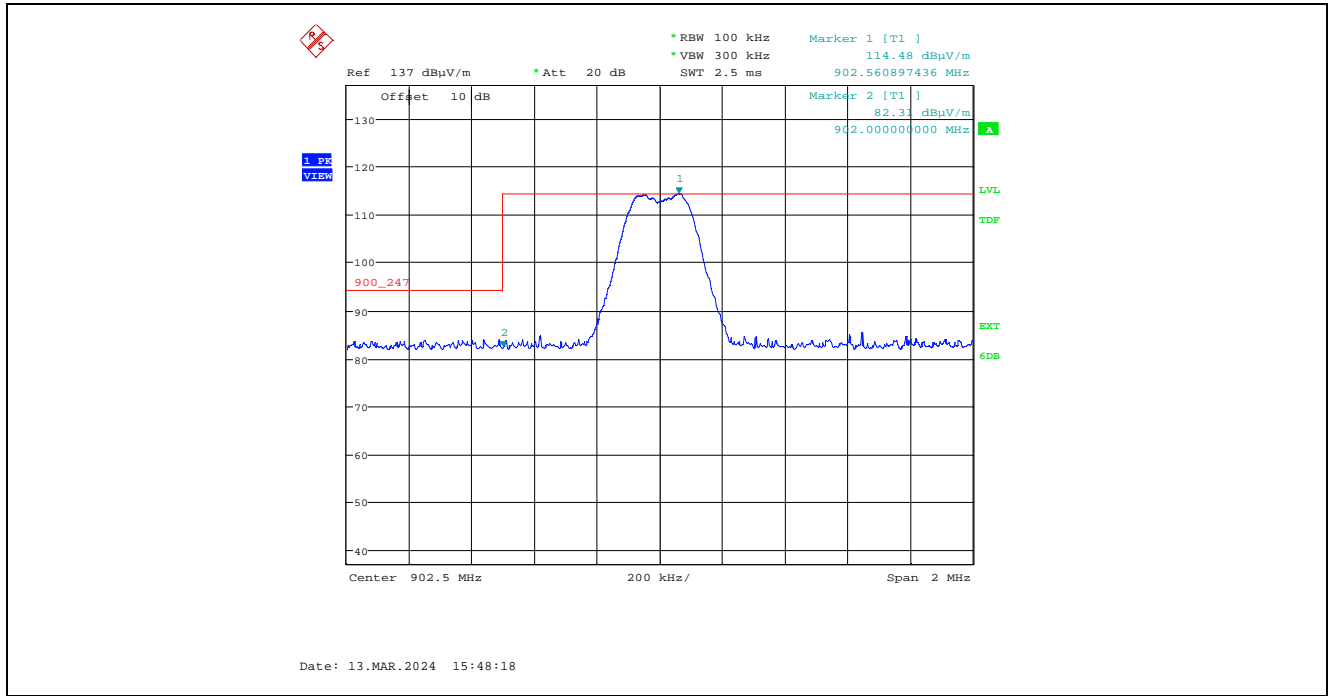
Plot 1.2.2.7. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 10 kbps, Single Frequency Mode, High End of Frequency Band



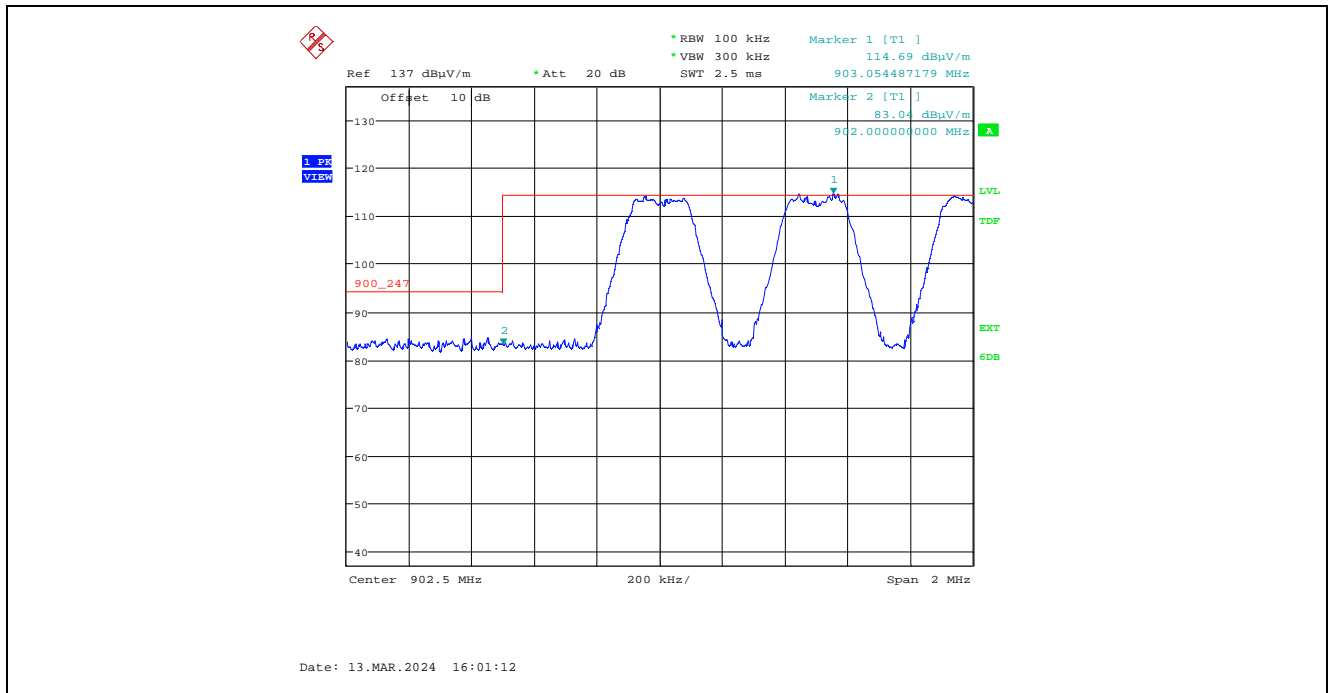
Plot 1.2.2.8. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 10 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



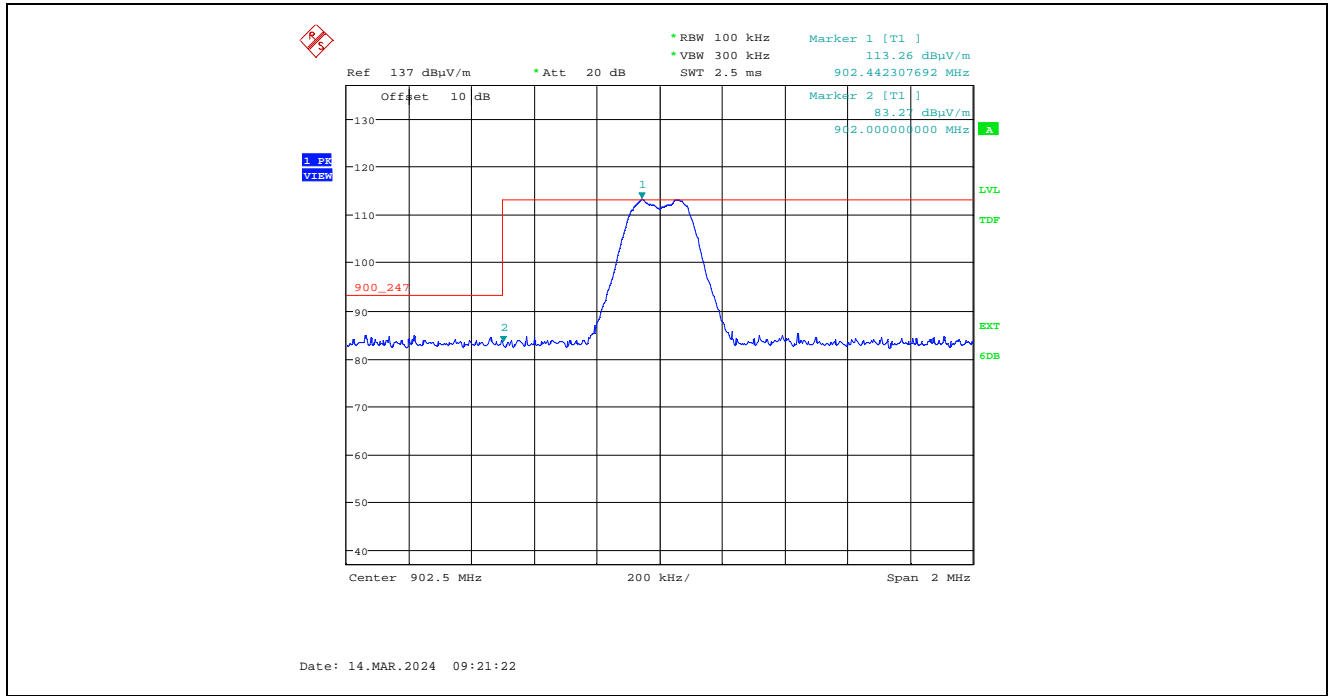
Plot 1.2.2.9. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 110 kbps, Single Frequency Mode, Low End of Frequency Band



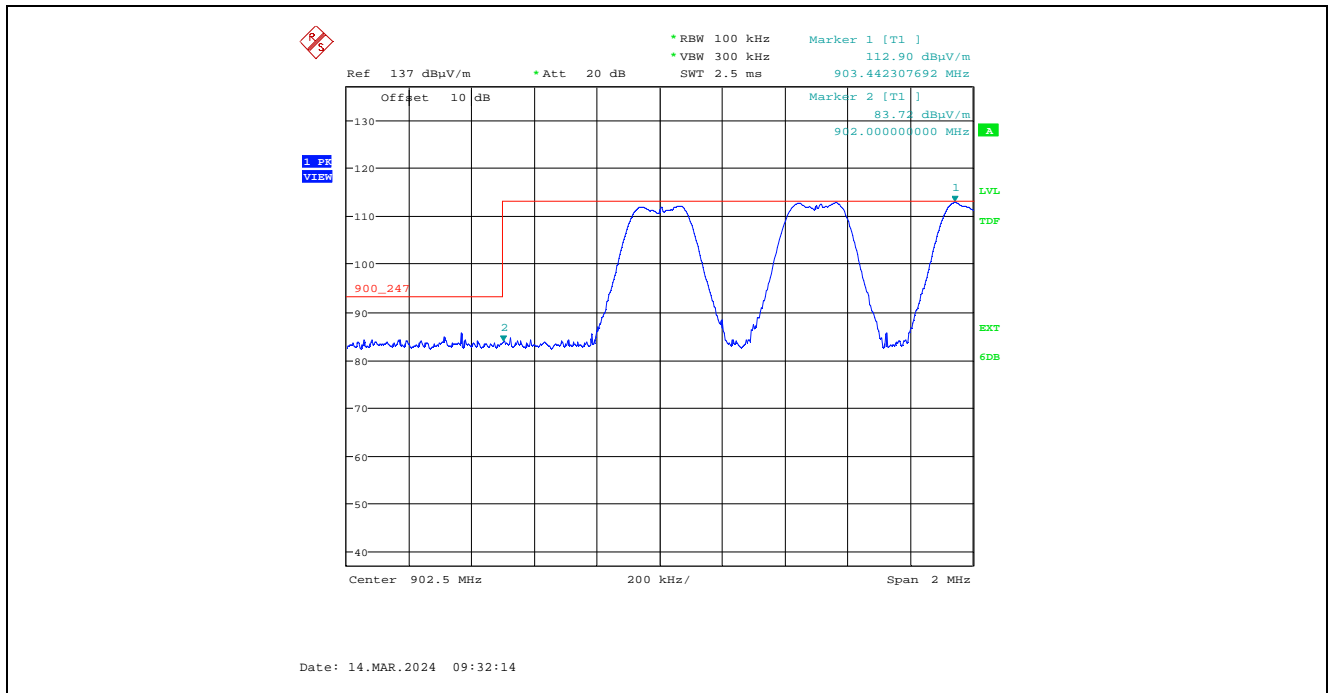
Plot 1.2.2.10. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 110 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



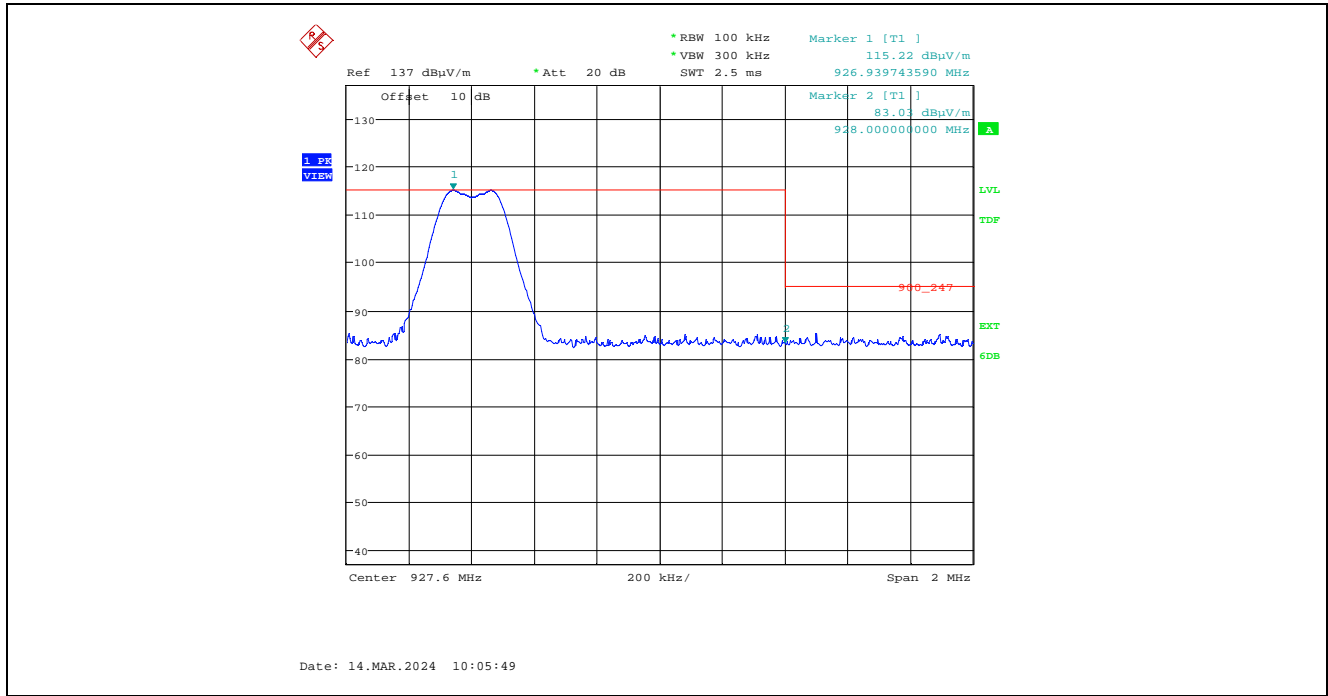
**Plot 1.2.2.11. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 110 kbps, Single Frequency Mode, Low End of Frequency Band**



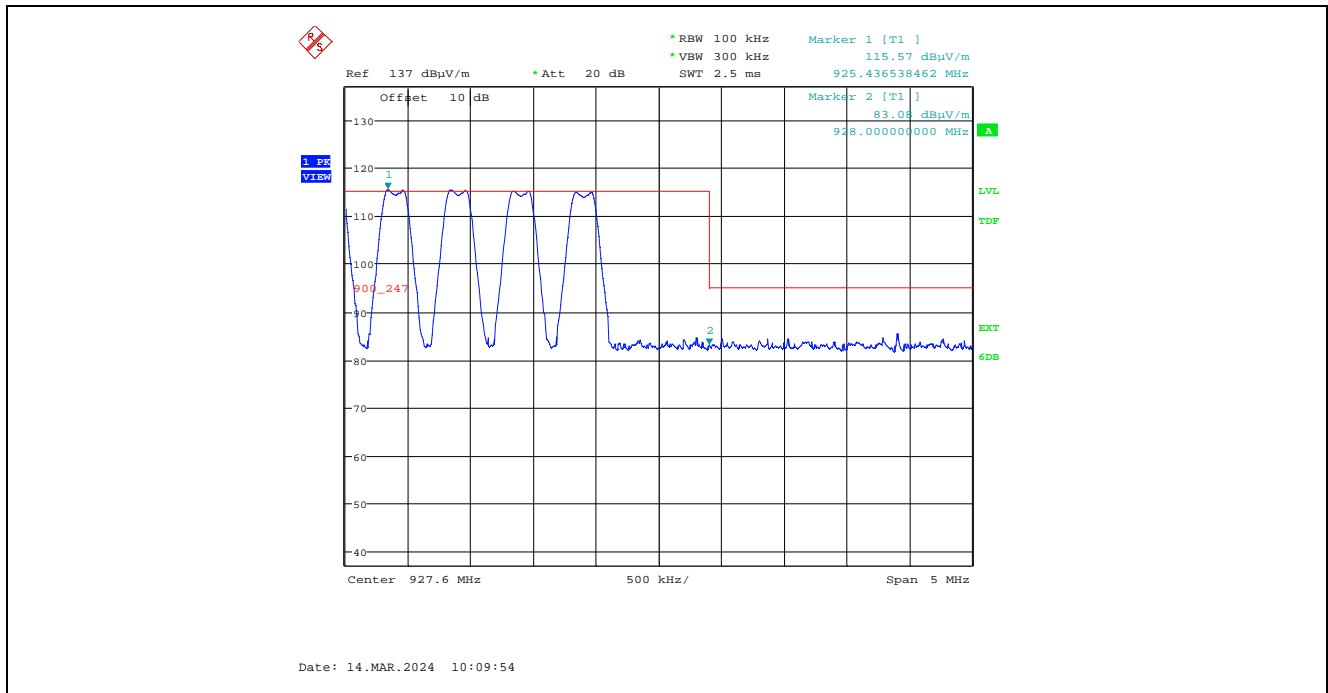
**Plot 1.2.2.12. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 110 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band**



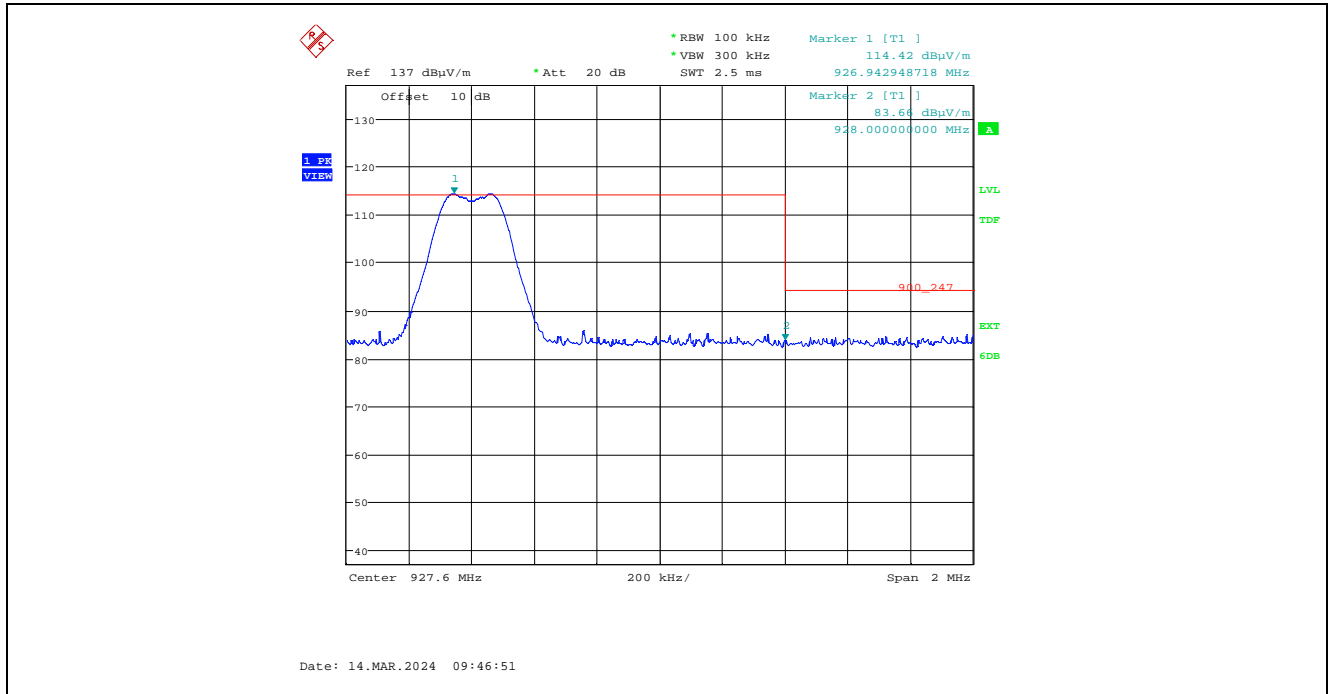
Plot 1.2.2.13. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 110 kbps, Single Frequency Mode, High End of Frequency Band



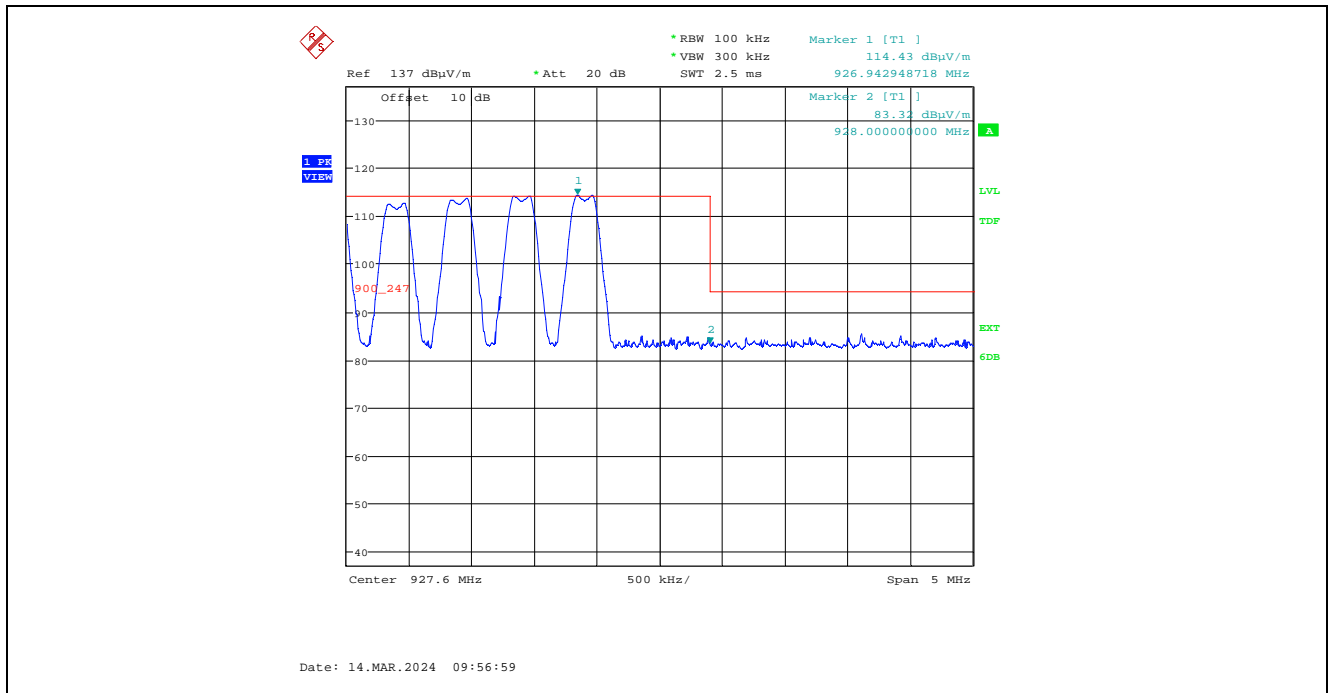
Plot 1.2.2.14. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 110 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



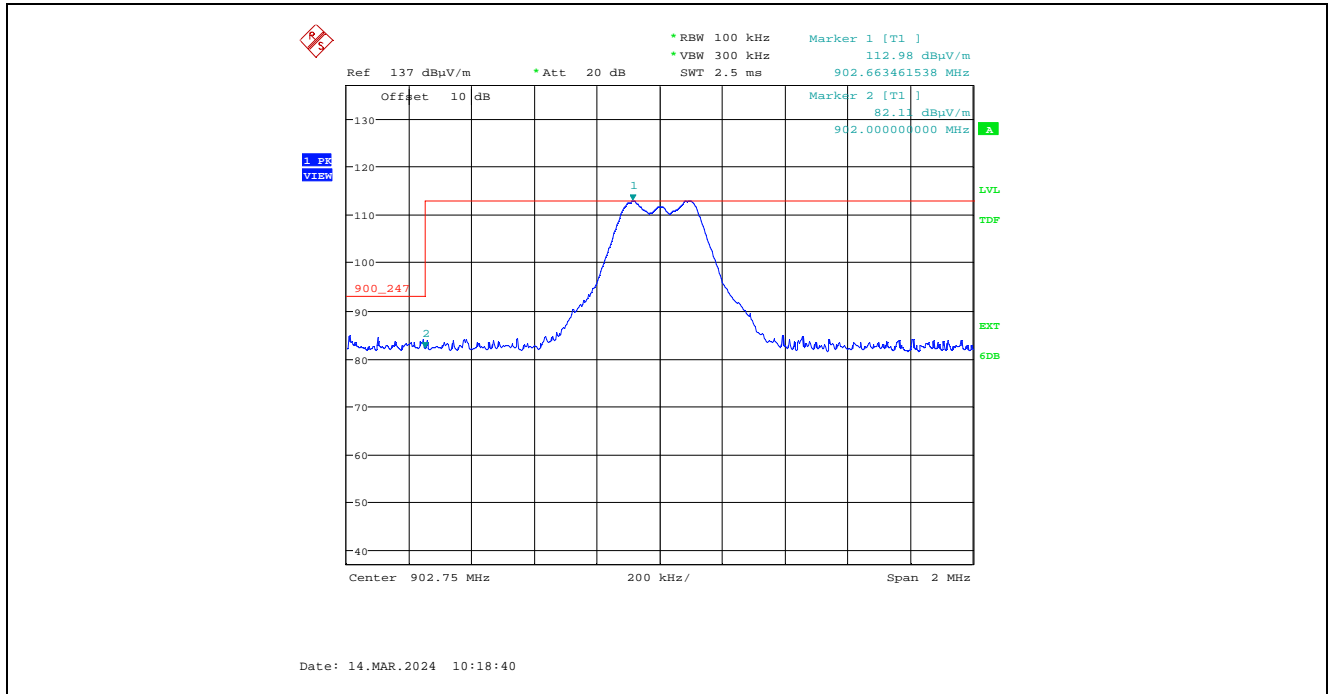
Plot 1.2.2.15. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 110 kbps, Single Frequency Mode, High End of Frequency Band



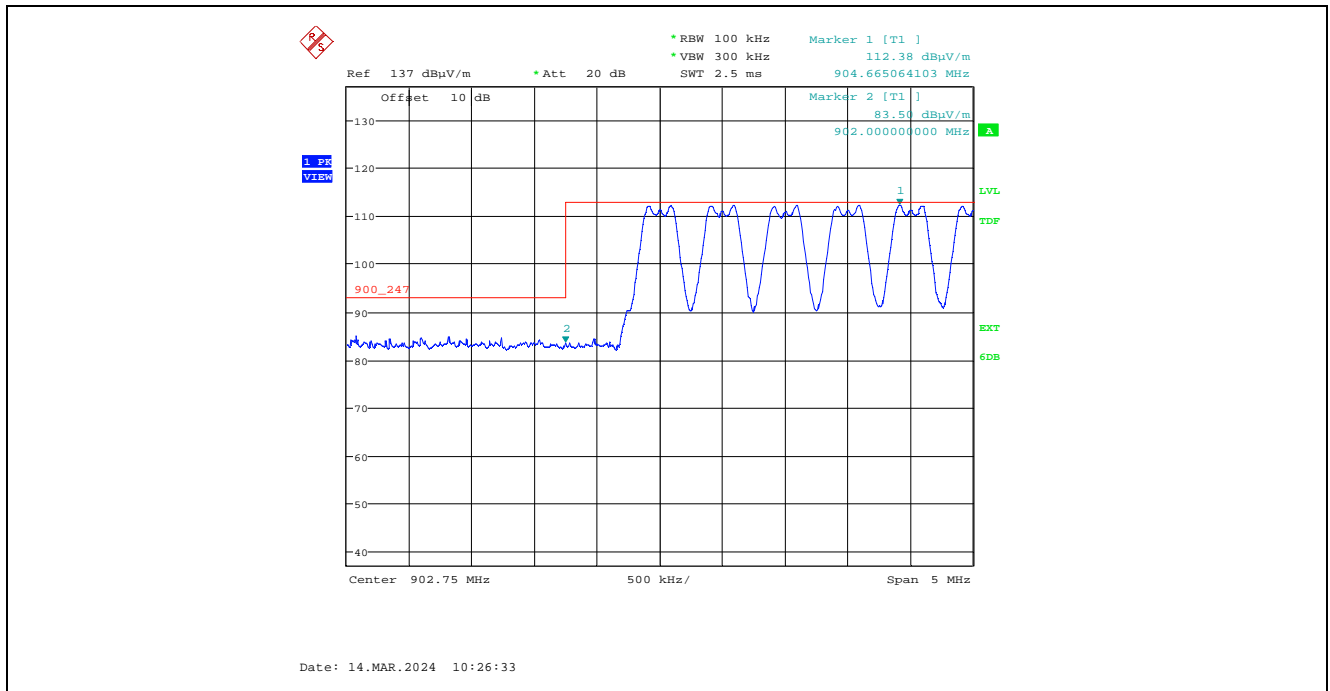
Plot 1.2.2.16. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 110 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



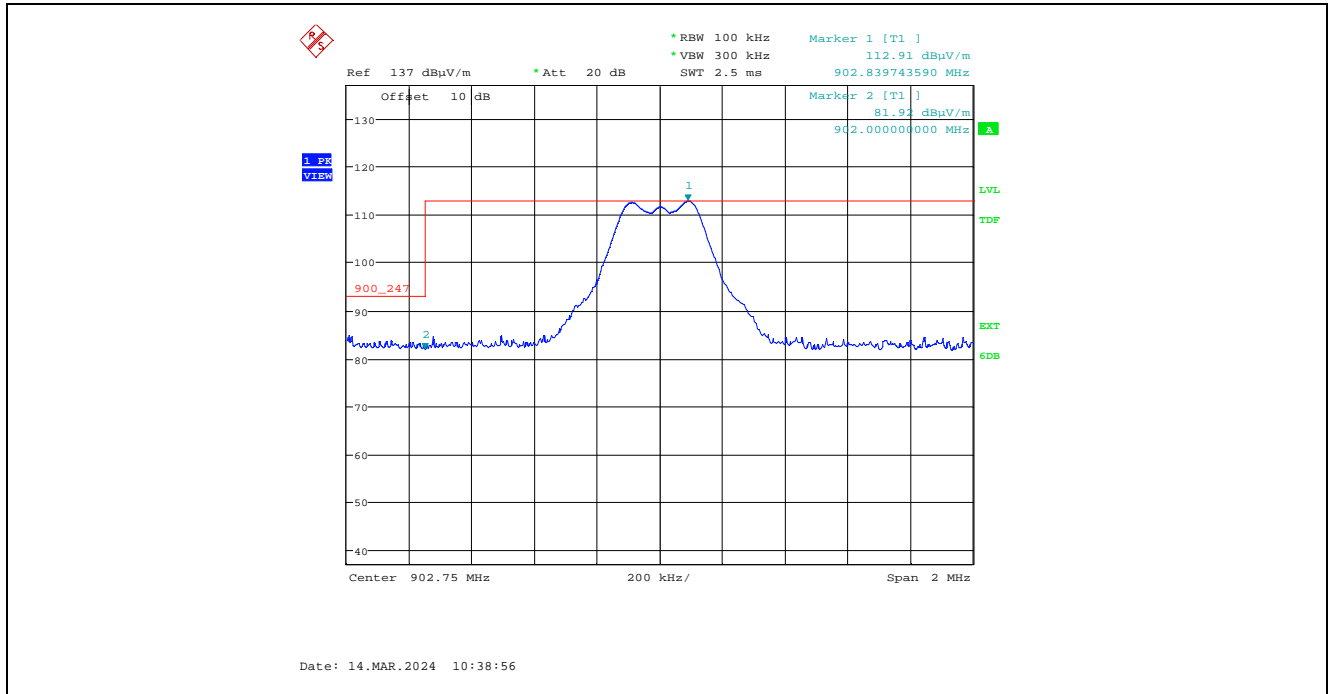
Plot 1.2.2.17. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
250 kbps, Single Frequency Mode, Low End of Frequency Band



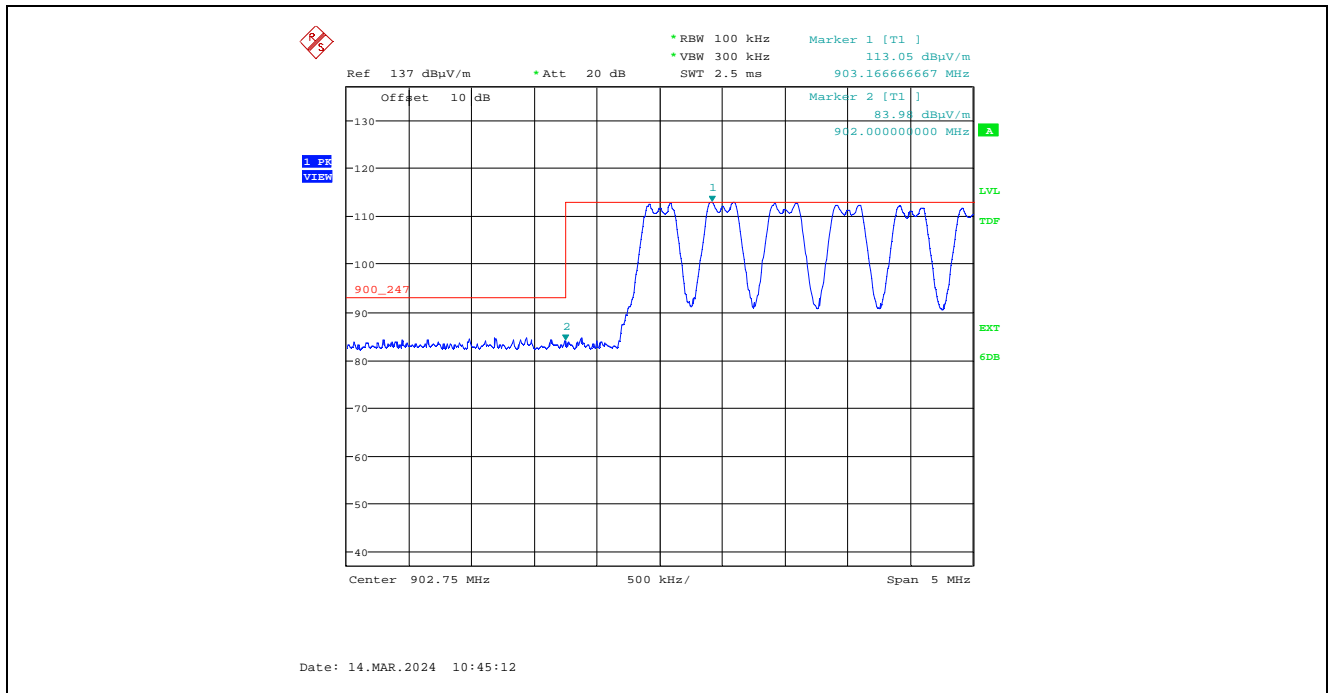
Plot 1.2.2.18. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
250 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



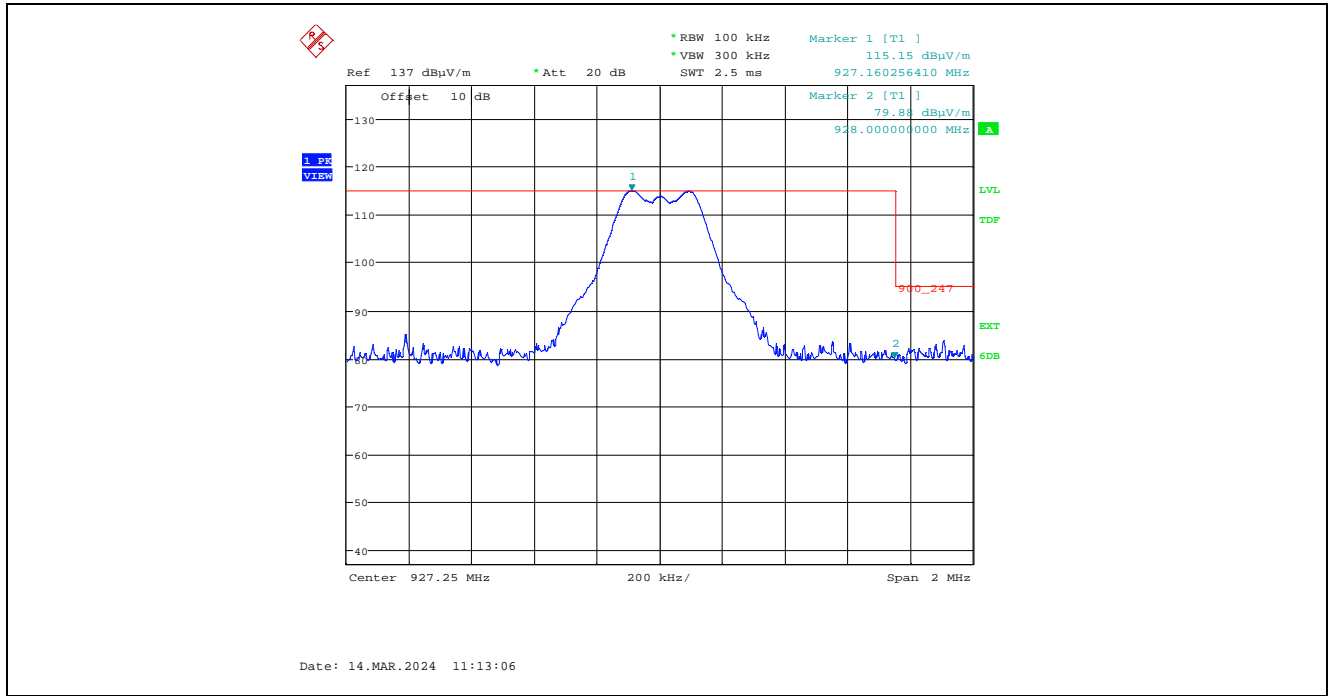
Plot 1.2.2.19. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 250 kbps, Single Frequency Mode, Low End of Frequency Band



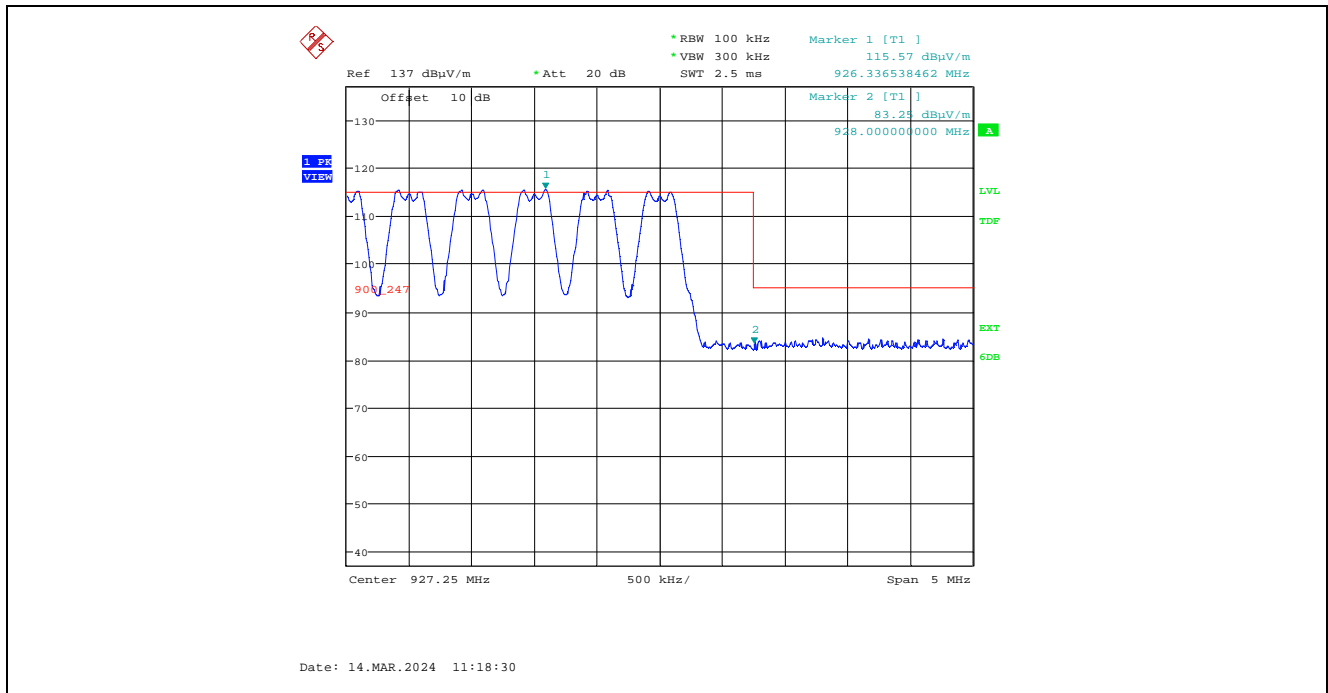
Plot 1.2.2.20. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 250 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



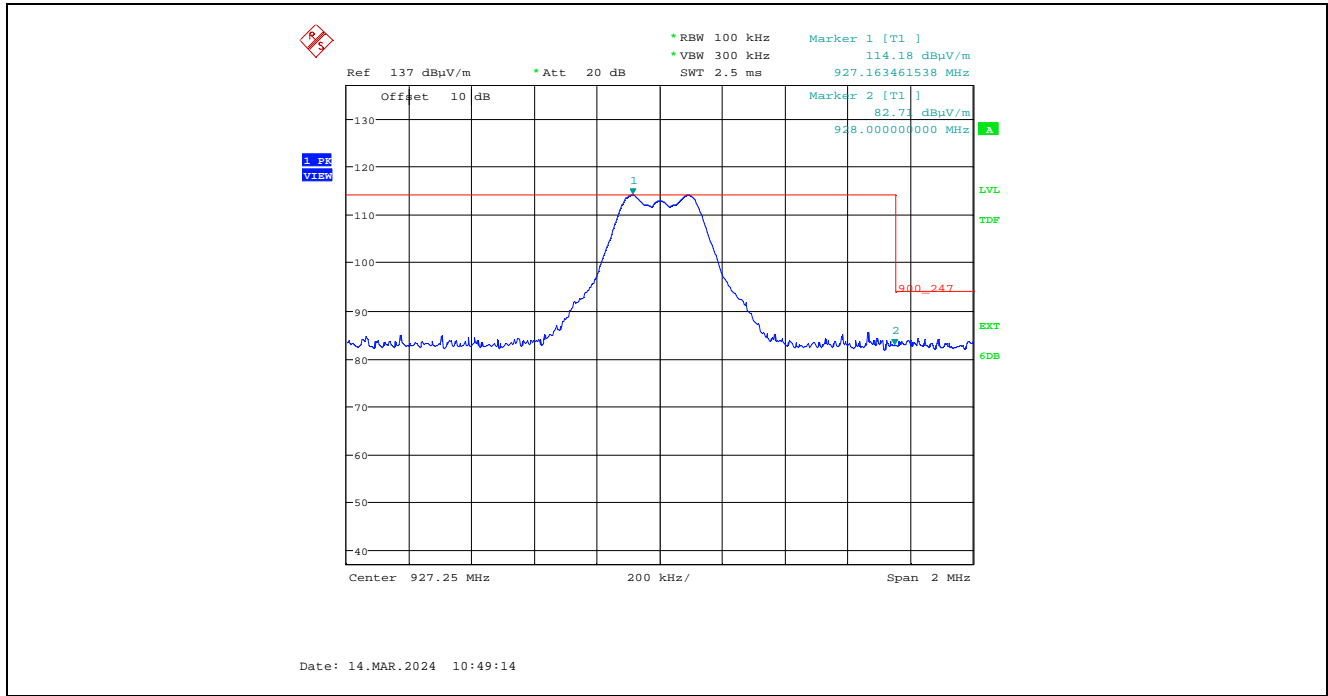
Plot 1.2.2.21. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 250 kbps, Single Frequency Mode, High End of Frequency Band



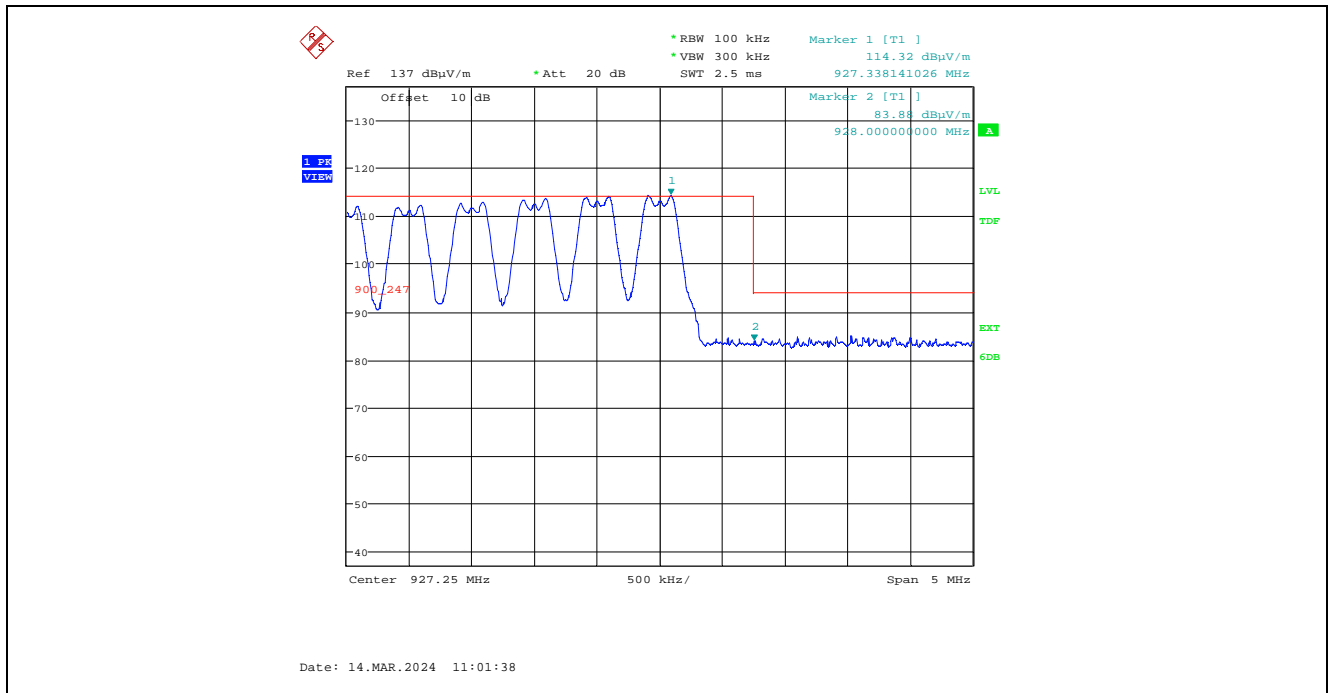
Plot 1.2.2.22. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 250 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



Plot 1.2.2.23. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 250 kbps, Single Frequency Mode, High End of Frequency Band



Plot 1.2.2.24. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 250 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



1.3. EUT with 8.0 dBi Omni Directional Antenna, 7.38 dBi Antenna Assembly Gain, 110 kbps Data Rate

1.3.1. Spurious Radiated Emissions

| Fundamental Frequency: | | 902.5 MHz | | | | | |
|--|------------------------|-----------------------|---------------------|-----------------------|-----------------------|-------------|-----------|
| Power Setting: | | High | | | | | |
| Frequency Test Range: | | 30 MHz – 10 GHz | | | | | |
| Frequency (MHz) | RF Peak Level (dBµV/m) | RF Avg Level (dBµV/m) | Antenna Plane (H/V) | Limit 15.209 (dBµV/m) | Limit 15.247 (dBµV/m) | Margin (dB) | Pass/Fail |
| 902.5 | 120.77 | -- | V | -- | -- | -- | -- |
| 902.5 | 110.56 | -- | H | -- | -- | -- | -- |
| 2707.5 | 47.16 | 40.96 | V | 54.0 | 100.8 | -13.0 | Pass* |
| 2707.5 | 50.50 | 47.34 | H | 54.0 | 100.8 | -6.7 | Pass* |
| 3610.0 | 50.29 | 43.88 | V | 54.0 | 100.8 | -10.1 | Pass* |
| 3610.0 | 50.38 | 46.03 | H | 54.0 | 100.8 | -8.0 | Pass* |
| 4512.5 | 47.34 | 34.75 | V | 54.0 | 100.8 | -19.3 | Pass* |
| 4512.5 | 45.76 | 33.79 | H | 54.0 | 100.8 | -20.2 | Pass* |
| All other spurious emissions and harmonics are more than 20 dB below the applicable limit. | | | | | | | |

*Field strength of emissions appearing within restricted frequency bands shall not exceed the limits in § 15.209.

| Fundamental Frequency: | | 915 MHz | | | | | |
|--|------------------------|-----------------------|---------------------|-----------------------|-----------------------|-------------|-----------|
| Power Setting: | | High | | | | | |
| Frequency Test Range: | | 30 MHz – 10 GHz | | | | | |
| Frequency (MHz) | RF Peak Level (dBµV/m) | RF Avg Level (dBµV/m) | Antenna Plane (H/V) | Limit 15.209 (dBµV/m) | Limit 15.247 (dBµV/m) | Margin (dB) | Pass/Fail |
| 915.0 | 119.86 | -- | V | -- | -- | -- | -- |
| 915.0 | 109.55 | -- | H | -- | -- | -- | -- |
| 2745.0 | 46.40 | 40.63 | V | 54.0 | 99.9 | -13.4 | Pass* |
| 2745.0 | 52.37 | 49.01 | H | 54.0 | 99.9 | -5.0 | Pass* |
| 3660.0 | 48.26 | 42.08 | V | 54.0 | 99.9 | -11.9 | Pass* |
| 3660.0 | 50.49 | 45.35 | H | 54.0 | 99.9 | -8.7 | Pass* |
| 4575.0 | 46.22 | 36.00 | H | 54.0 | 99.9 | -18.0 | Pass* |
| All other spurious emissions and harmonics are more than 20 dB below the applicable limit. | | | | | | | |

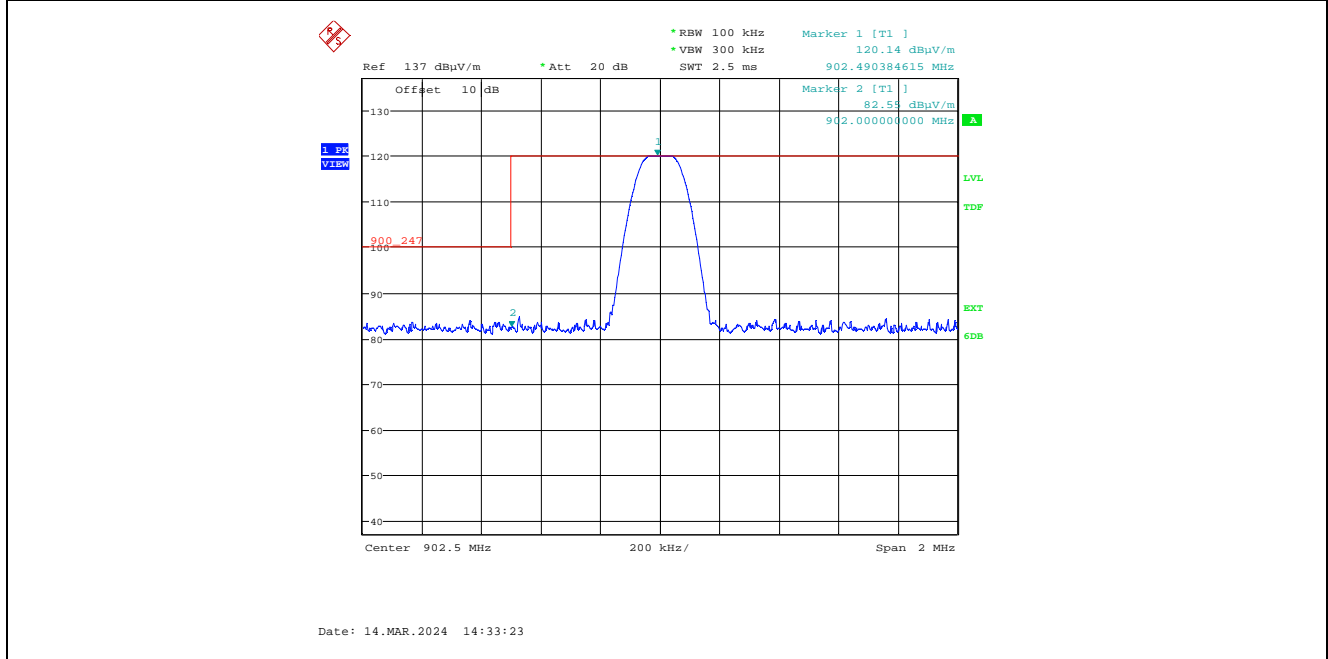
*Field strength of emissions appearing within restricted frequency bands shall not exceed the limits in § 15.209.

| Fundamental Frequency: | | 927 MHz | | | | | |
|--|------------------------|-----------------------|---------------------|-----------------------|-----------------------|-------------|-----------|
| Power Setting: | | High | | | | | |
| Frequency Test Range: | | 30 MHz – 10 GHz | | | | | |
| Frequency (MHz) | RF Peak Level (dBµV/m) | RF Avg Level (dBµV/m) | Antenna Plane (H/V) | Limit 15.209 (dBµV/m) | Limit 15.247 (dBµV/m) | Margin (dB) | Pass/Fail |
| 927.0 | 119.14 | -- | V | -- | -- | -- | -- |
| 927.0 | 108.60 | -- | H | -- | -- | -- | -- |
| 2781.0 | 46.88 | 41.03 | V | 54.0 | 99.1 | -13.0 | Pass* |
| 2781.0 | 48.19 | 44.08 | H | 54.0 | 99.1 | -9.9 | Pass* |
| 3708.0 | 46.01 | 38.40 | V | 54.0 | 99.1 | -15.6 | Pass* |
| 3708.0 | 50.71 | 46.14 | H | 54.0 | 99.1 | -7.9 | Pass* |
| All other spurious emissions and harmonics are more than 20 dB below the applicable limit. | | | | | | | |

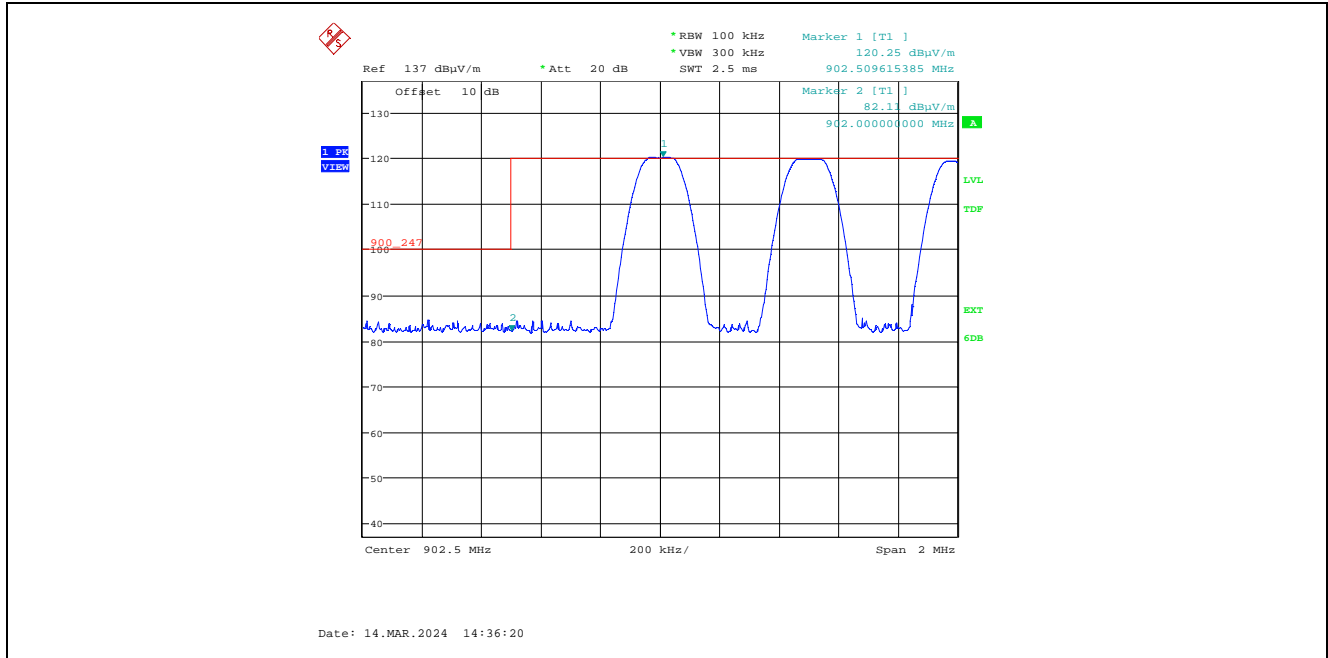
*Field strength of emissions appearing within restricted frequency bands shall not exceed the limits in § 15.209.

1.3.2. Band –Edge RF Radiated Emissions

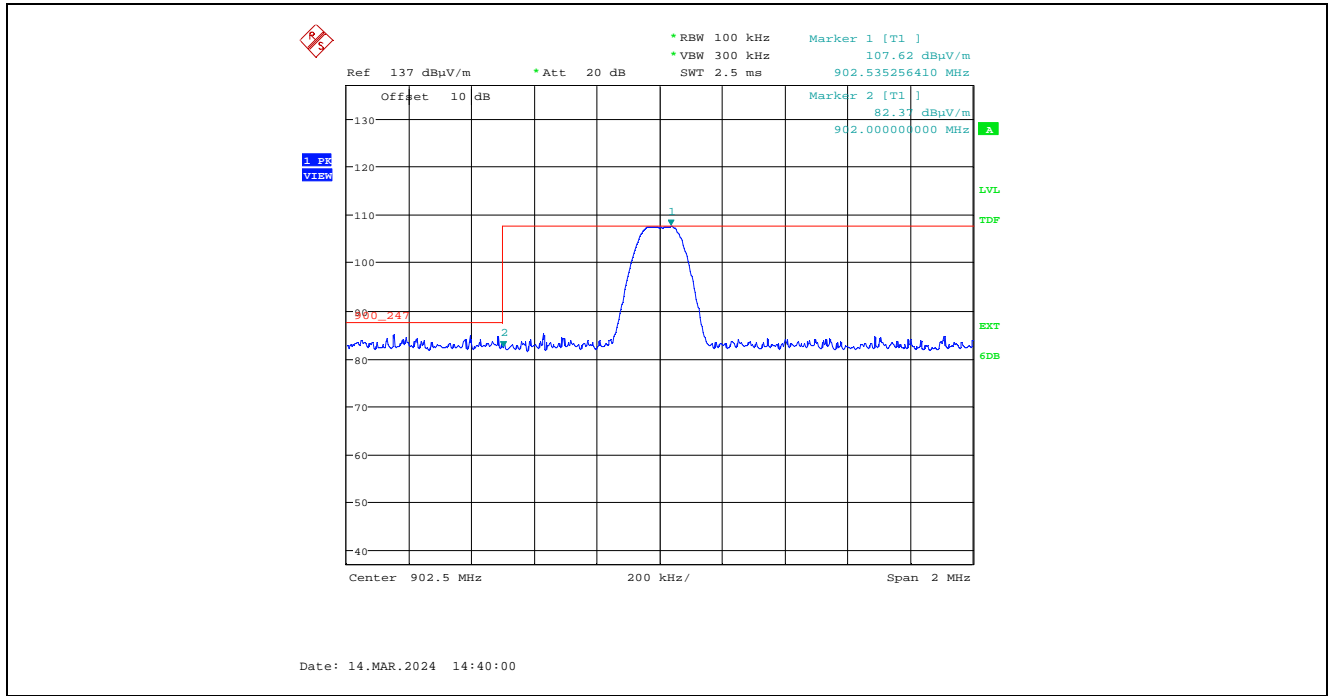
Plot 1.3.2.1. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
10 kbps, Single Frequency Mode, Low End of Frequency Band



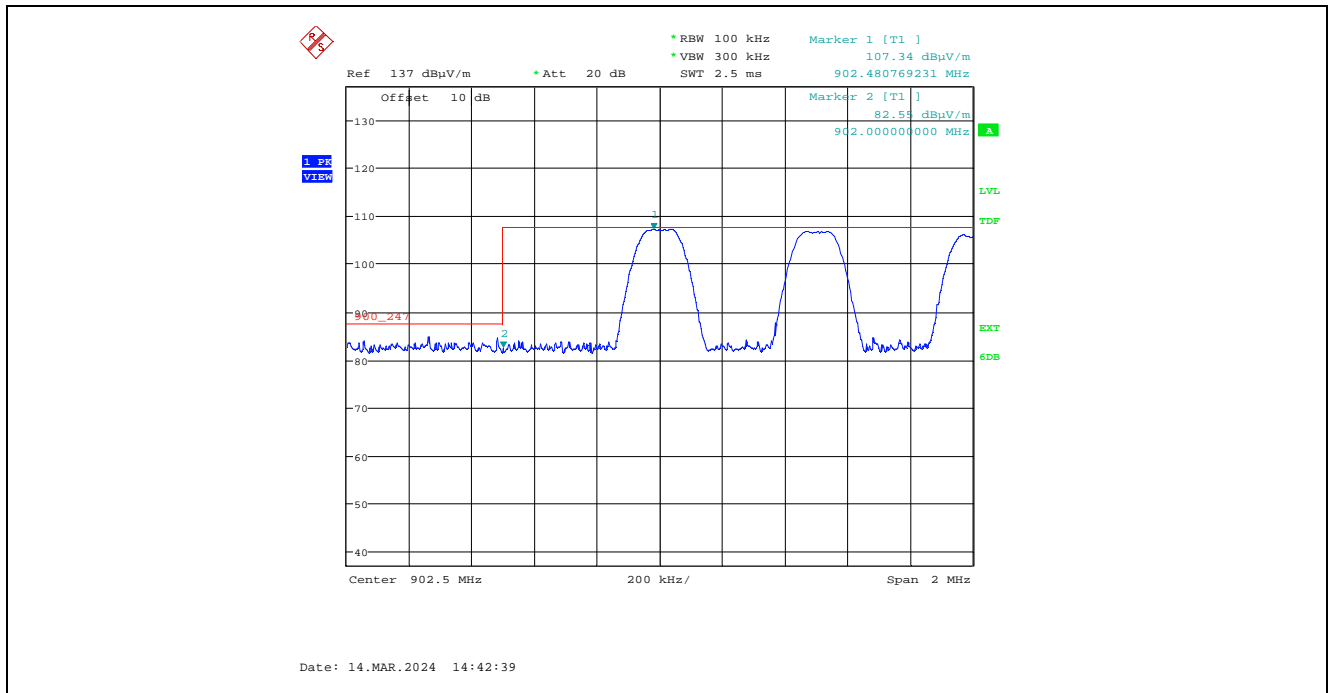
Plot 1.3.2.2. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
10 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



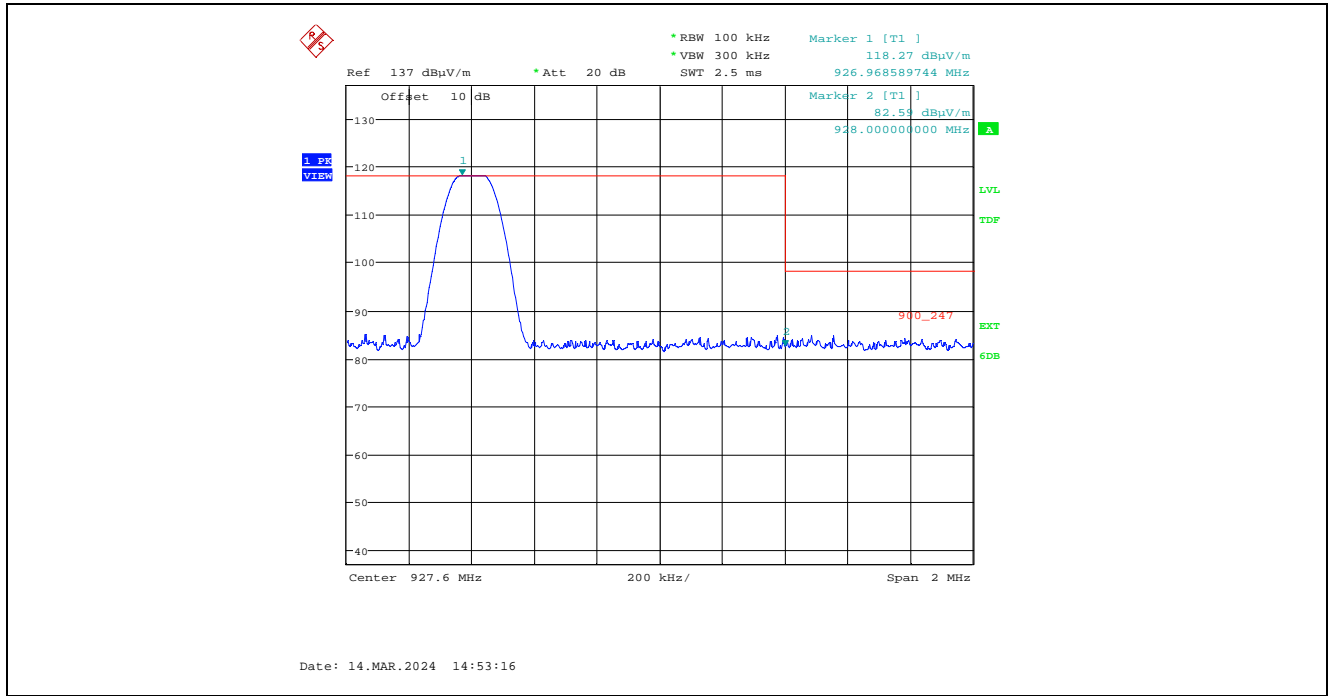
**Plot 1.3.2.3. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 10 kbps, Single Frequency Mode, Low End of Frequency Band**



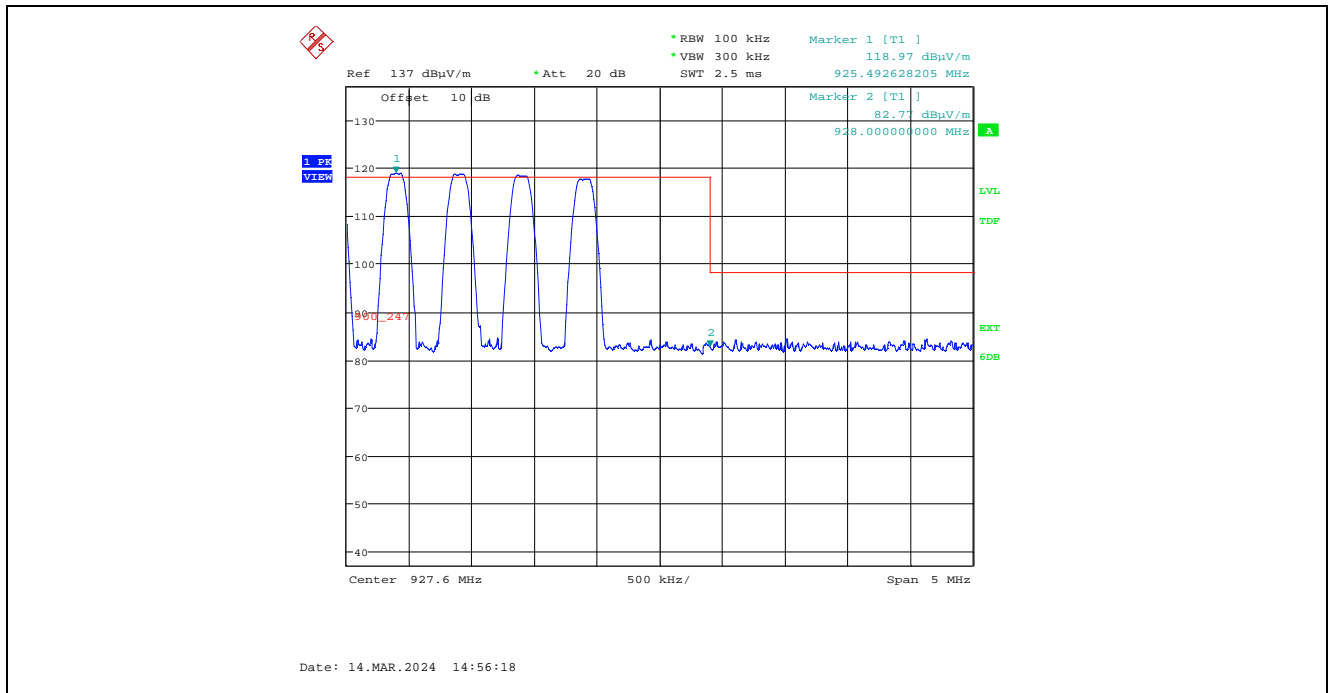
**Plot 1.3.2.4. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 10 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band**



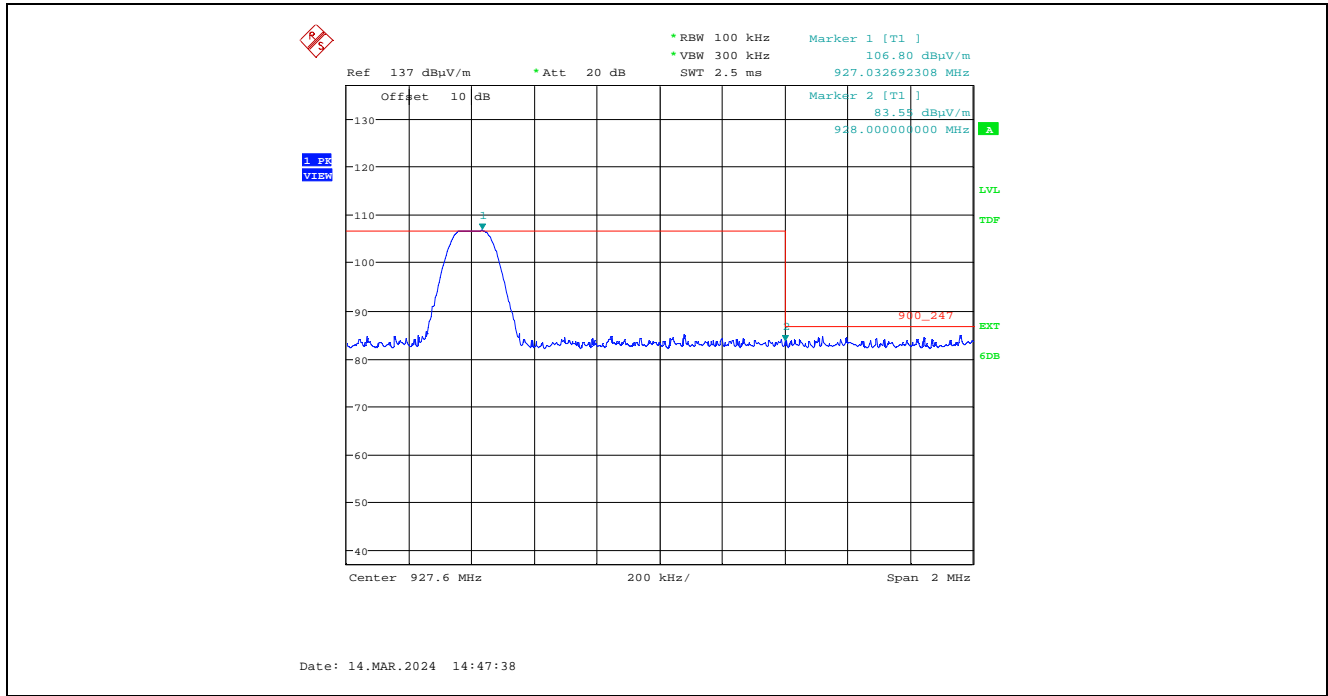
Plot 1.3.2.5. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 10 kbps, Single Frequency Mode, High End of Frequency Band



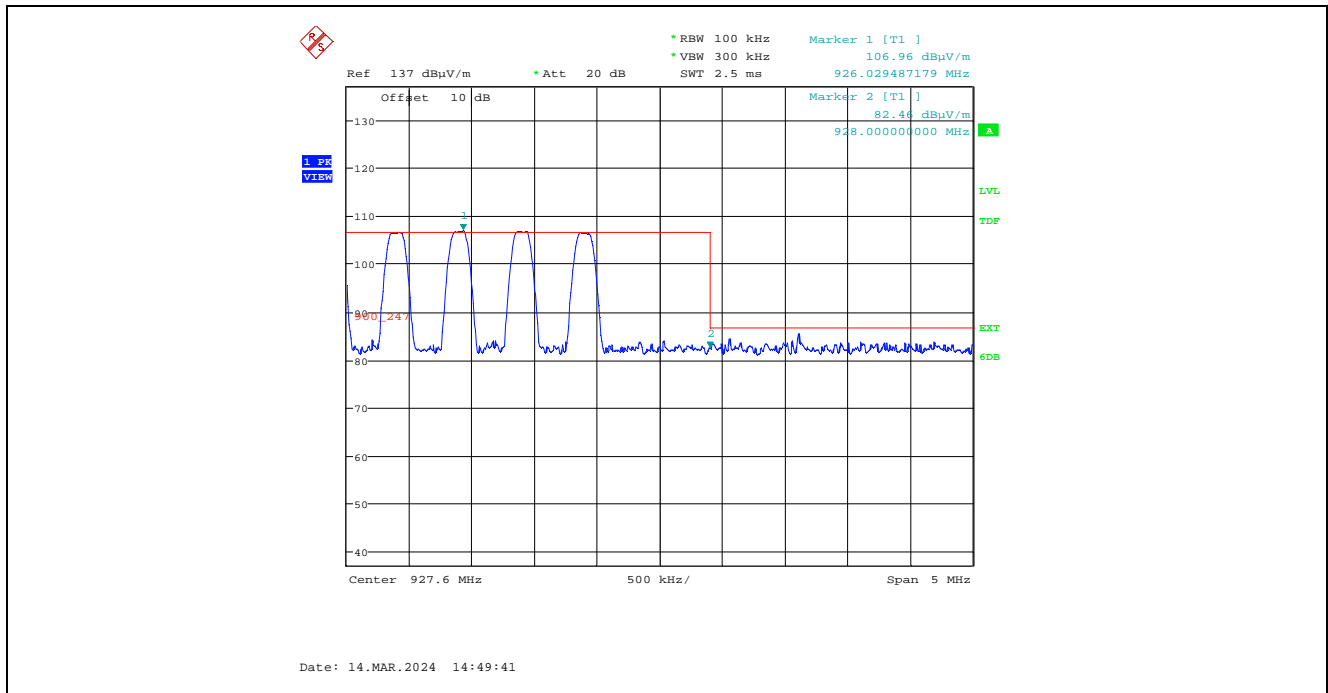
Plot 1.3.2.6. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 10 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



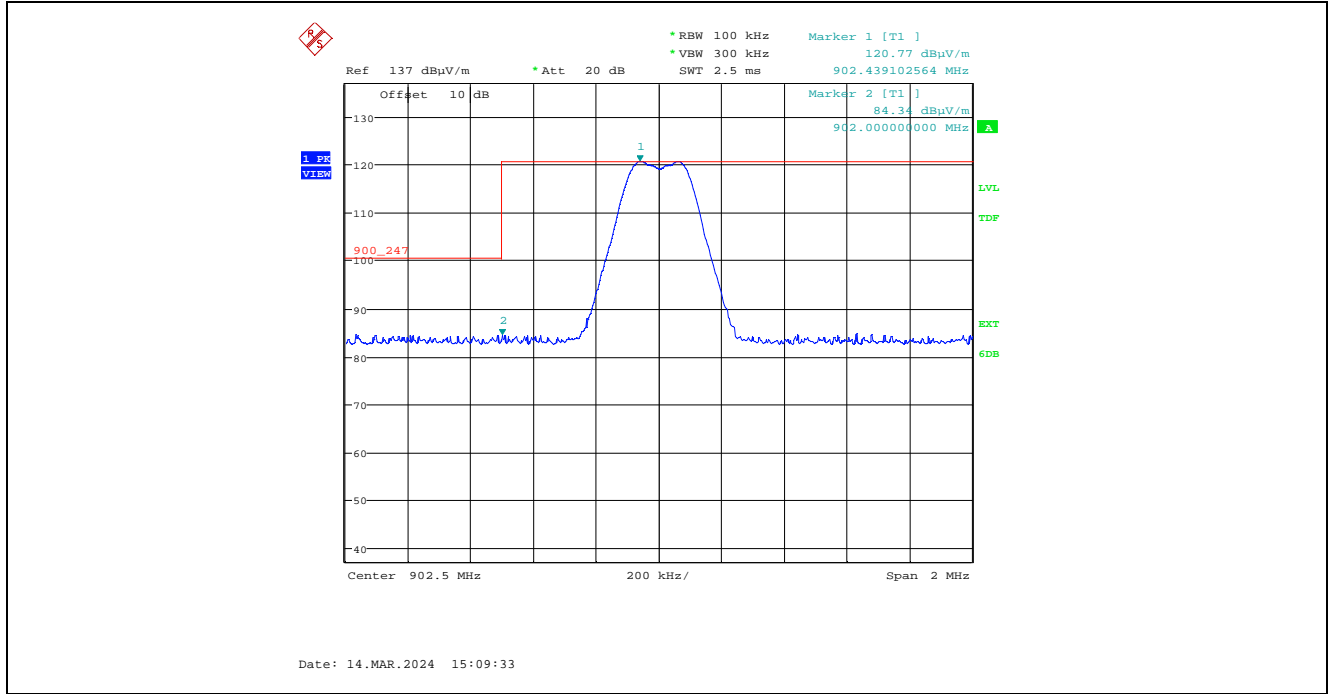
Plot 1.3.2.7. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 10 kbps, Single Frequency Mode, High End of Frequency Band



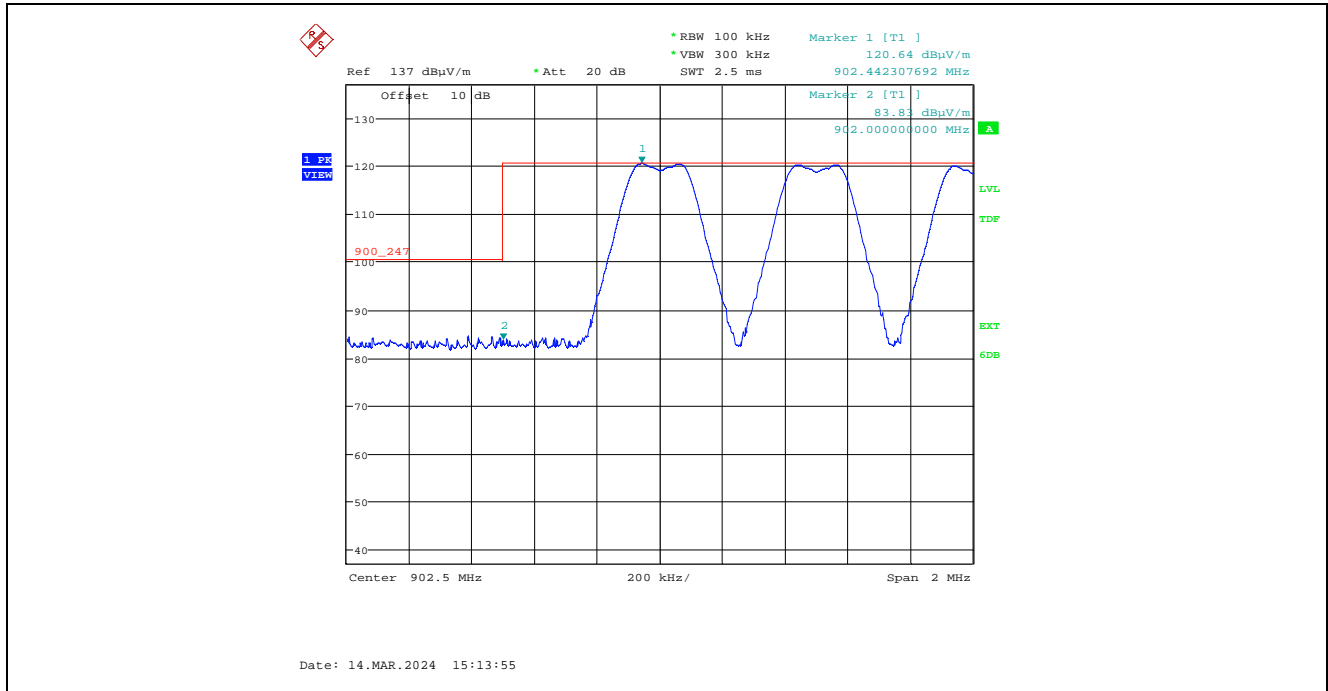
Plot 1.3.2.8. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 10 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



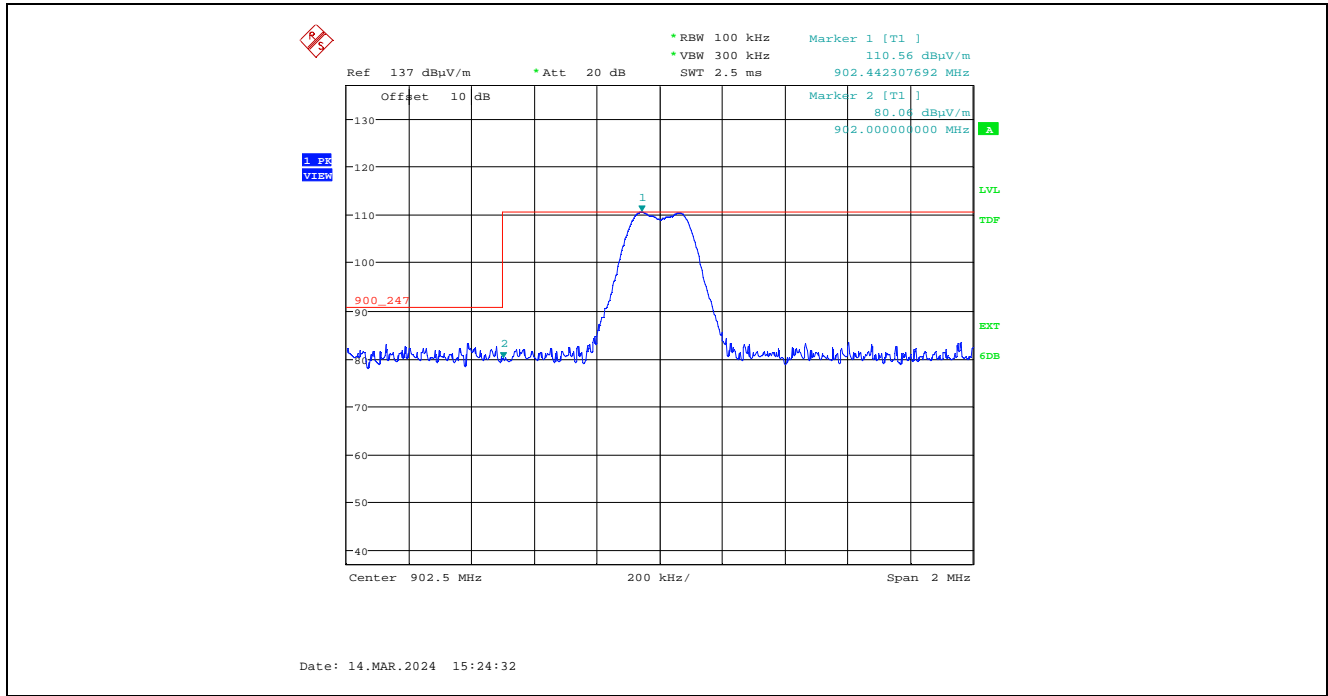
Plot 1.3.2.9. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 110 kbps, Single Frequency Mode, Low End of Frequency Band



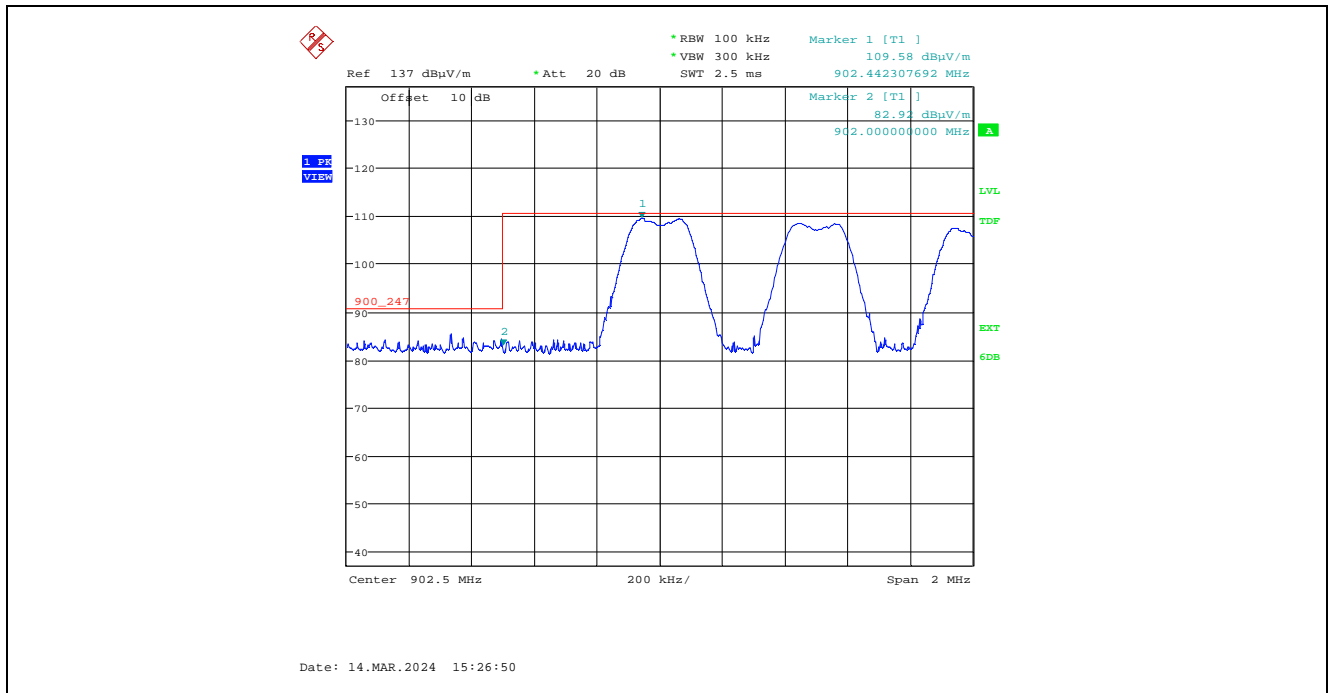
Plot 1.3.2.10. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 110 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



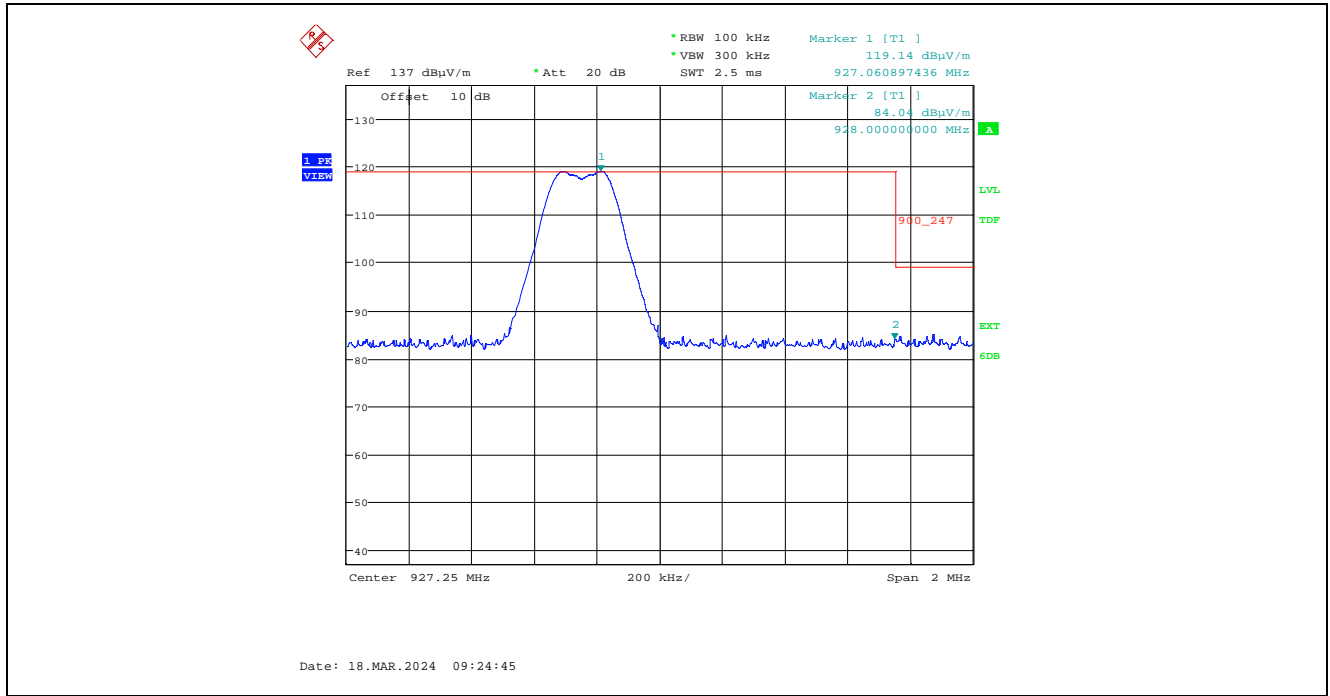
Plot 1.3.2.11. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
110 kbps, Single Frequency Mode, Low End of Frequency Band



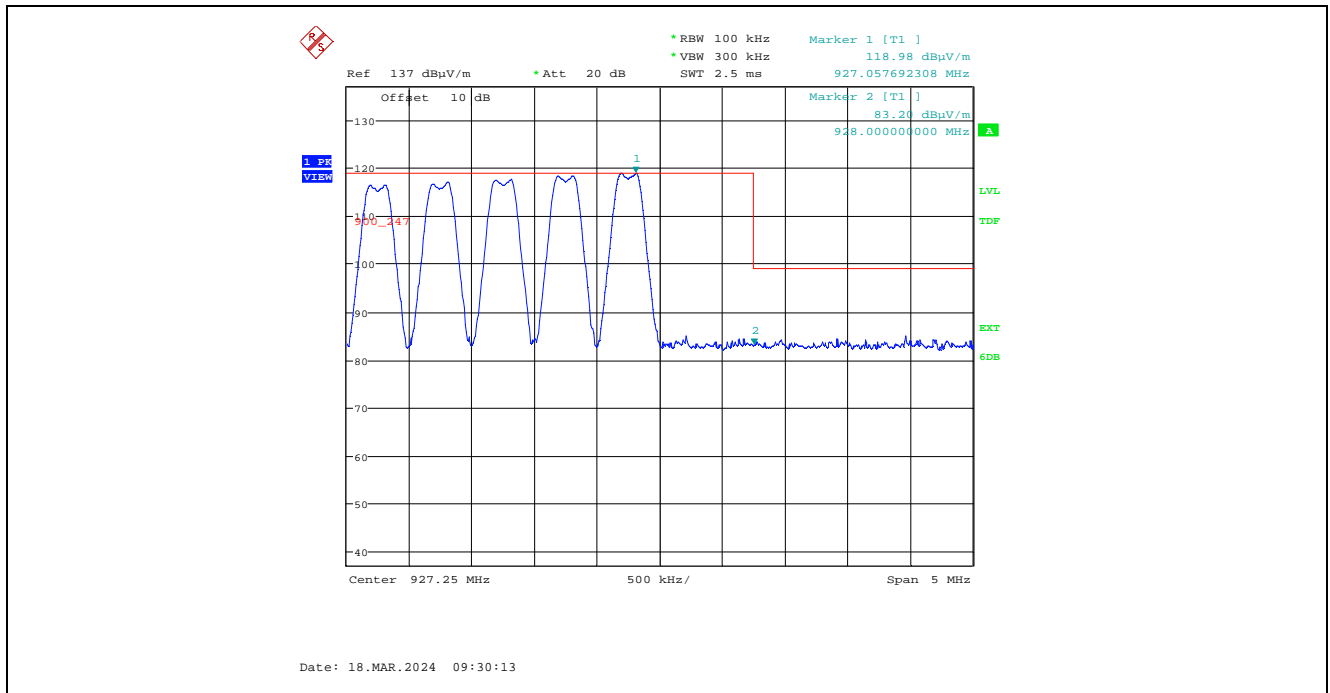
Plot 1.3.2.12. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
110 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



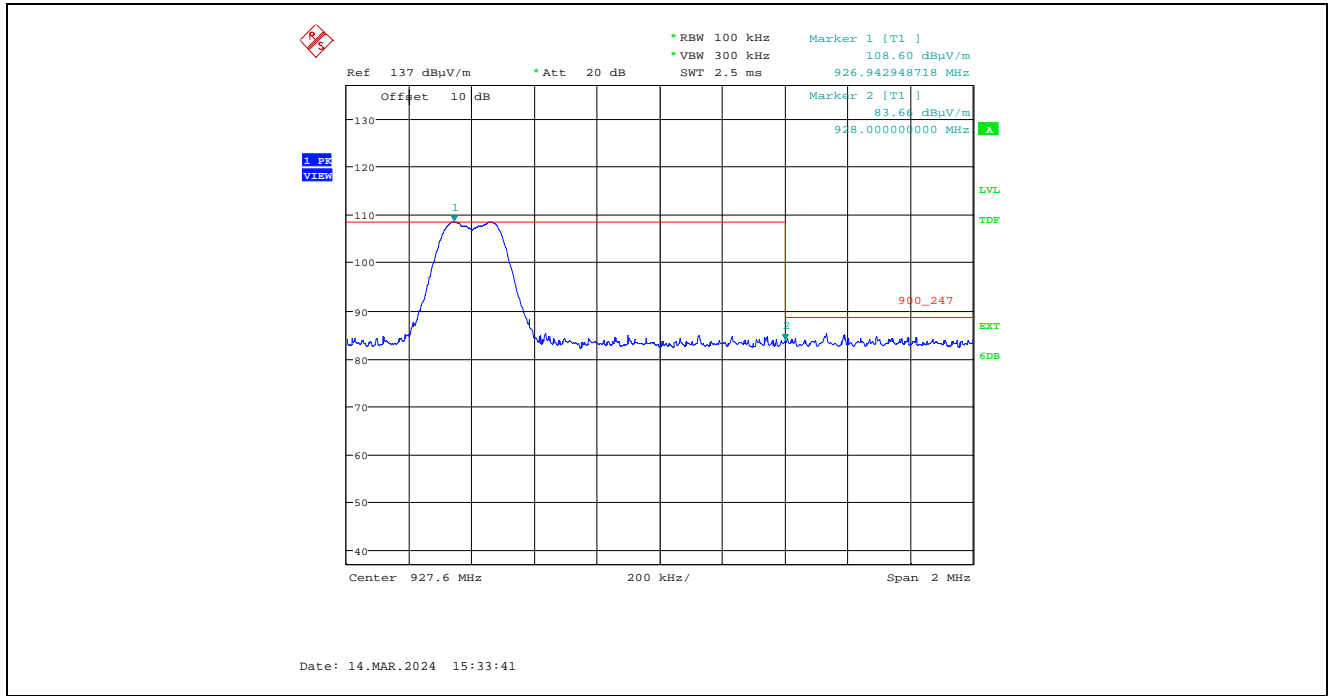
Plot 1.3.2.13. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
110 kbps, Single Frequency Mode, High End of Frequency Band



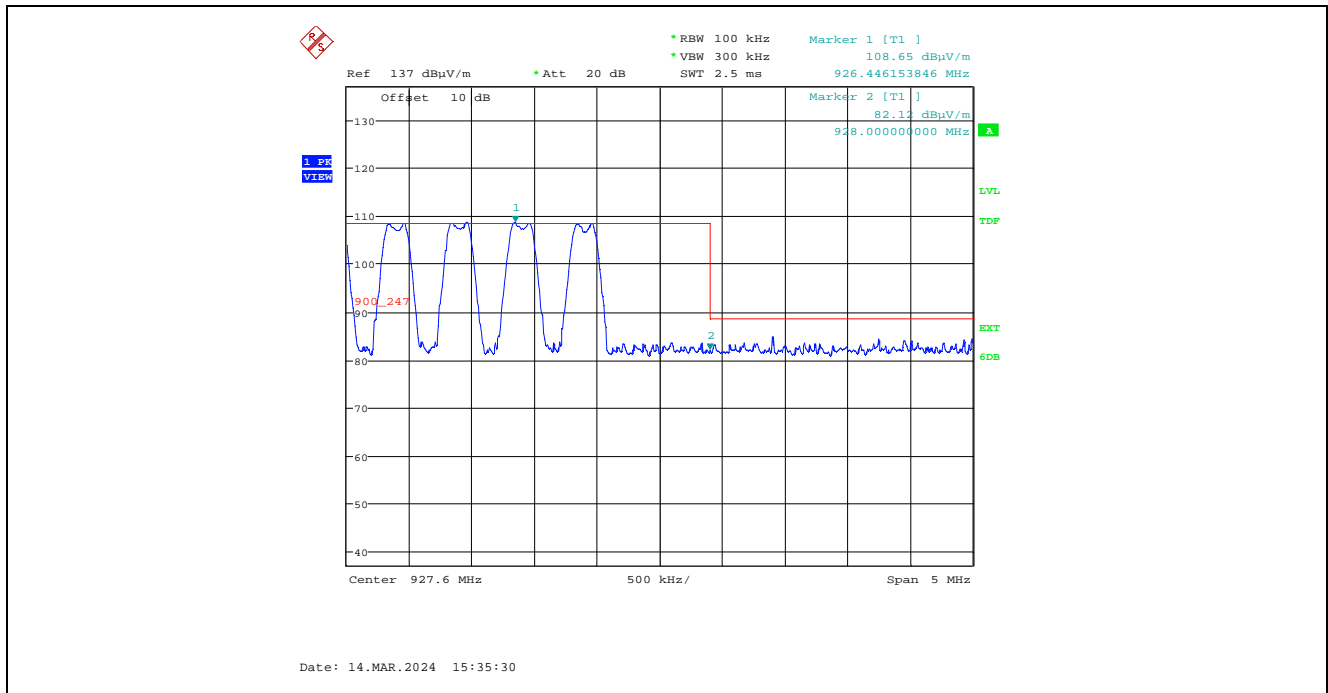
Plot 1.3.2.14. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
110 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



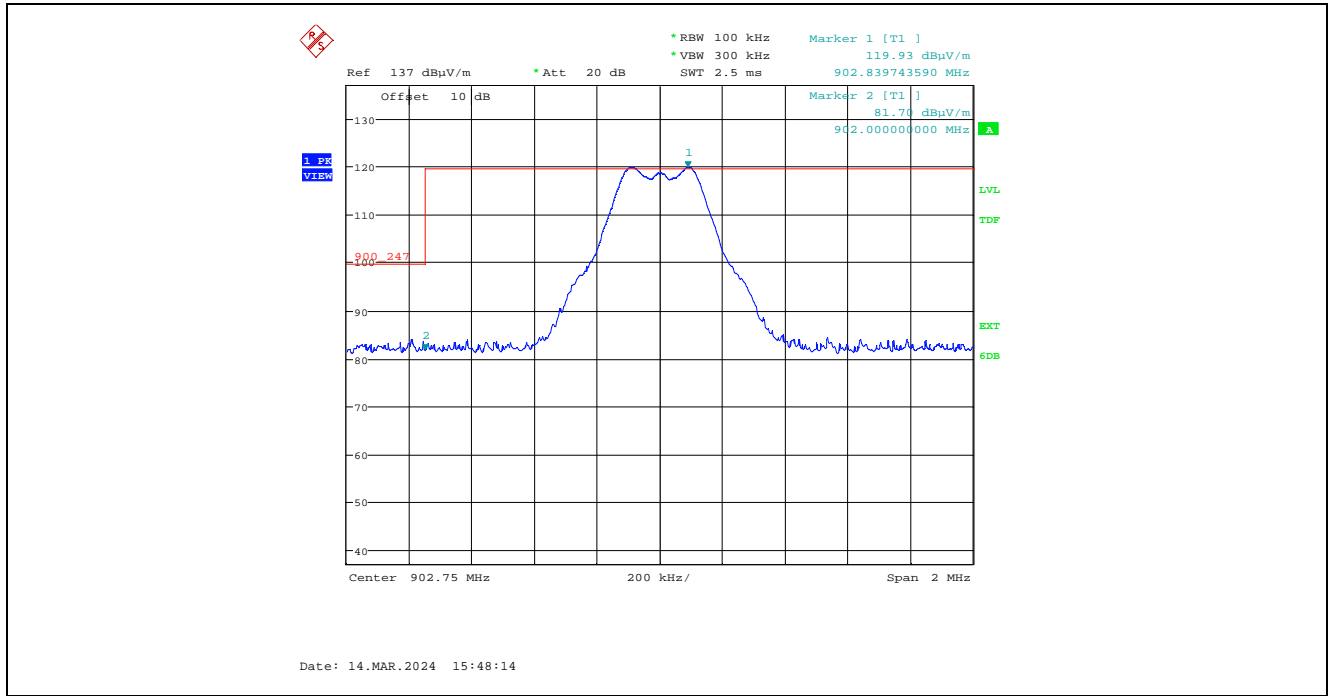
Plot 1.3.2.15. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 110 kbps, Single Frequency Mode, High End of Frequency Band



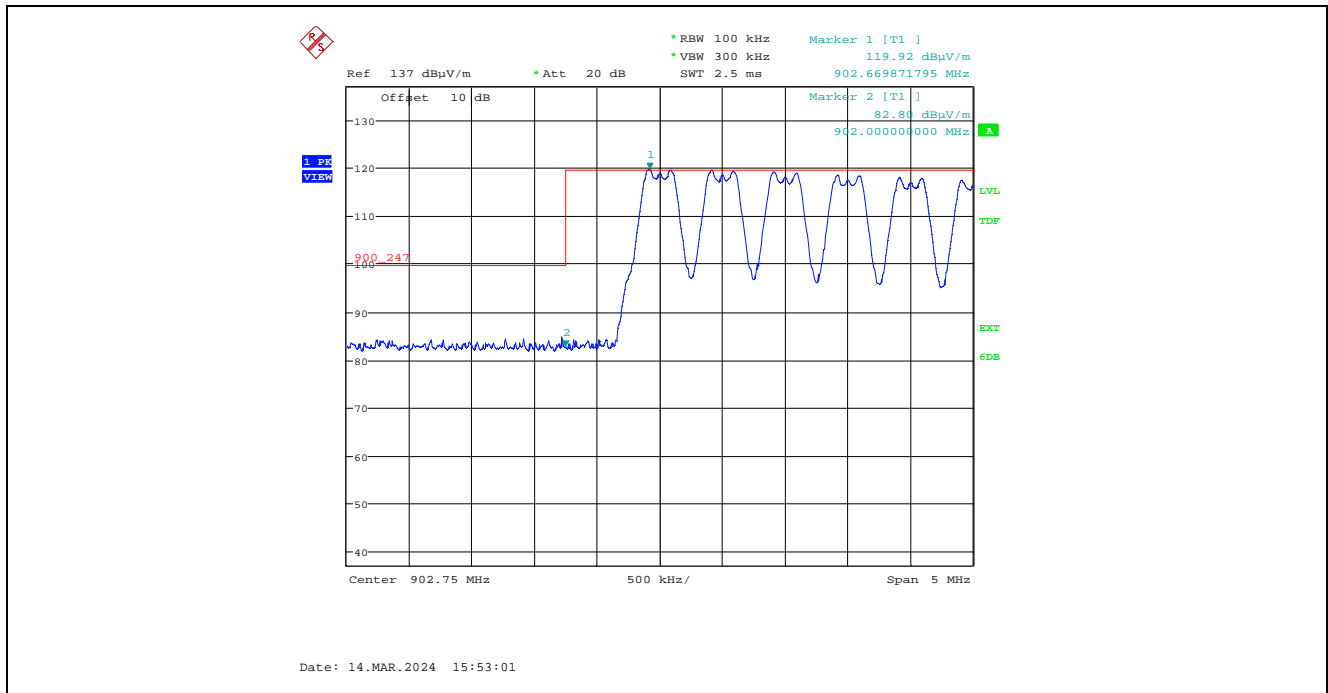
Plot 1.3.2.16. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 110 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



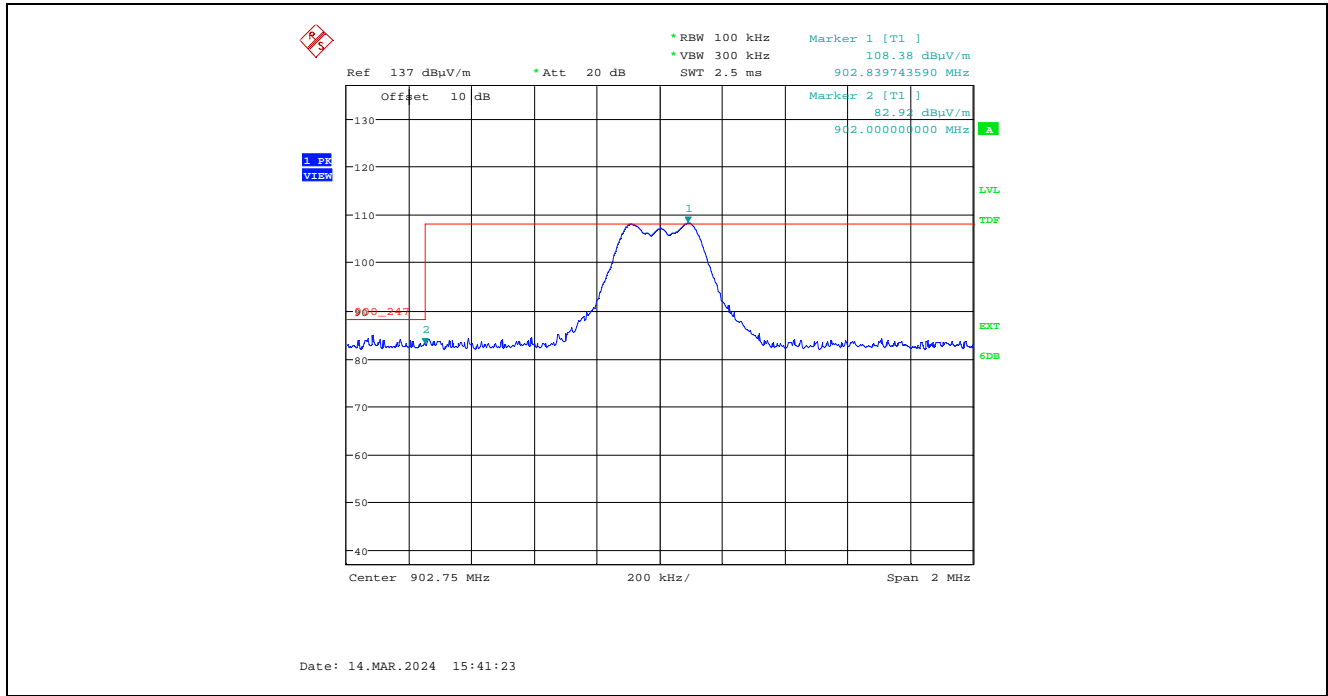
Plot 1.3.2.17. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
250 kbps, Single Frequency Mode, Low End of Frequency Band



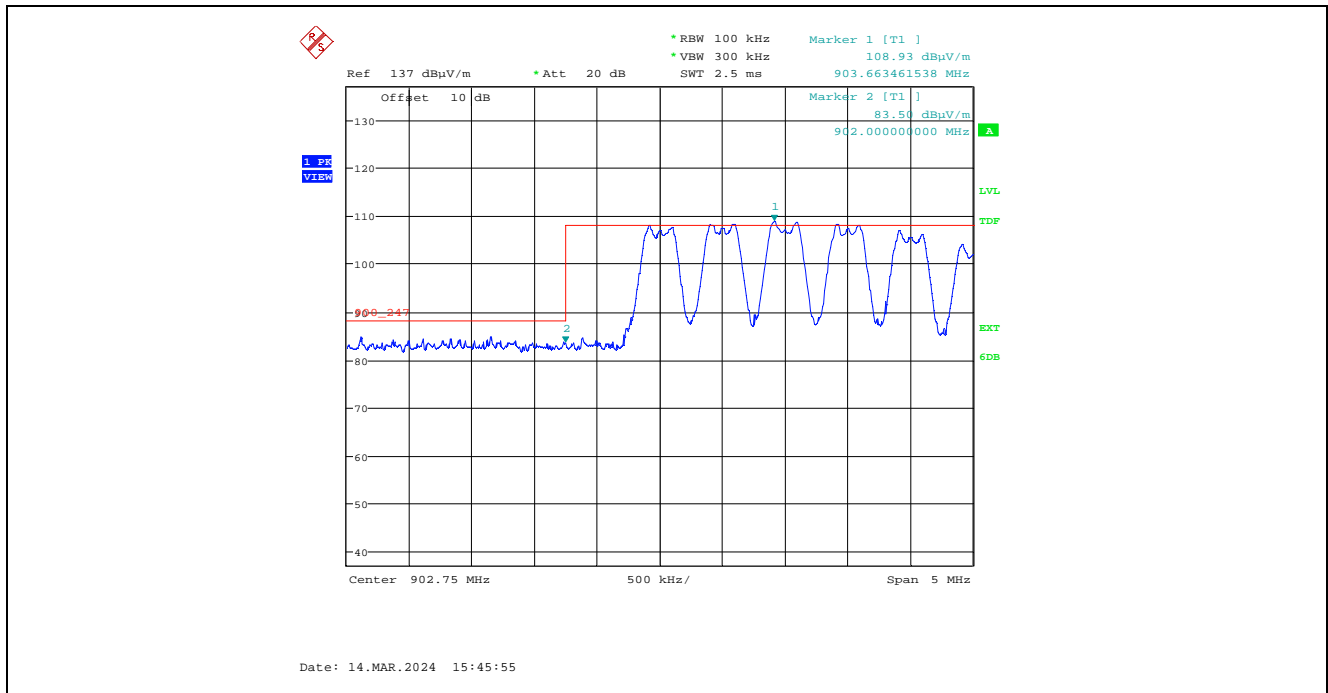
Plot 1.3.2.18. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
250 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



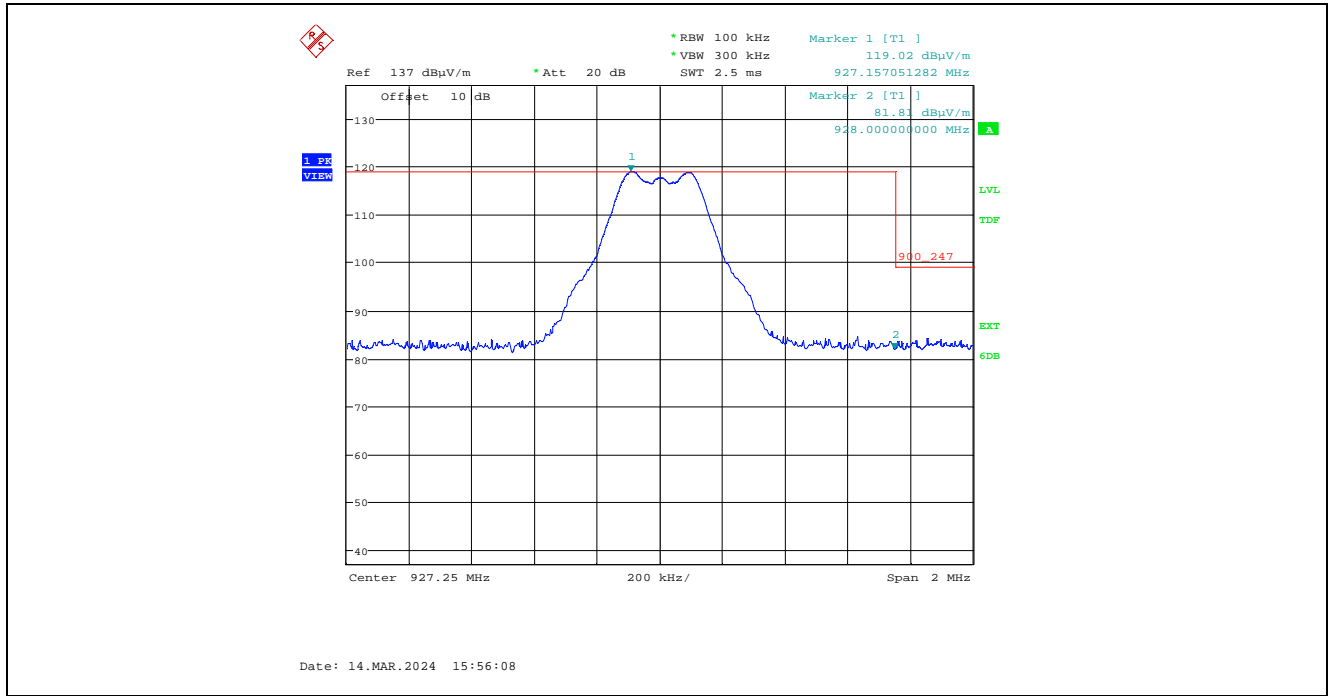
Plot 1.3.2.19. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
250 kbps, Single Frequency Mode, Low End of Frequency Band



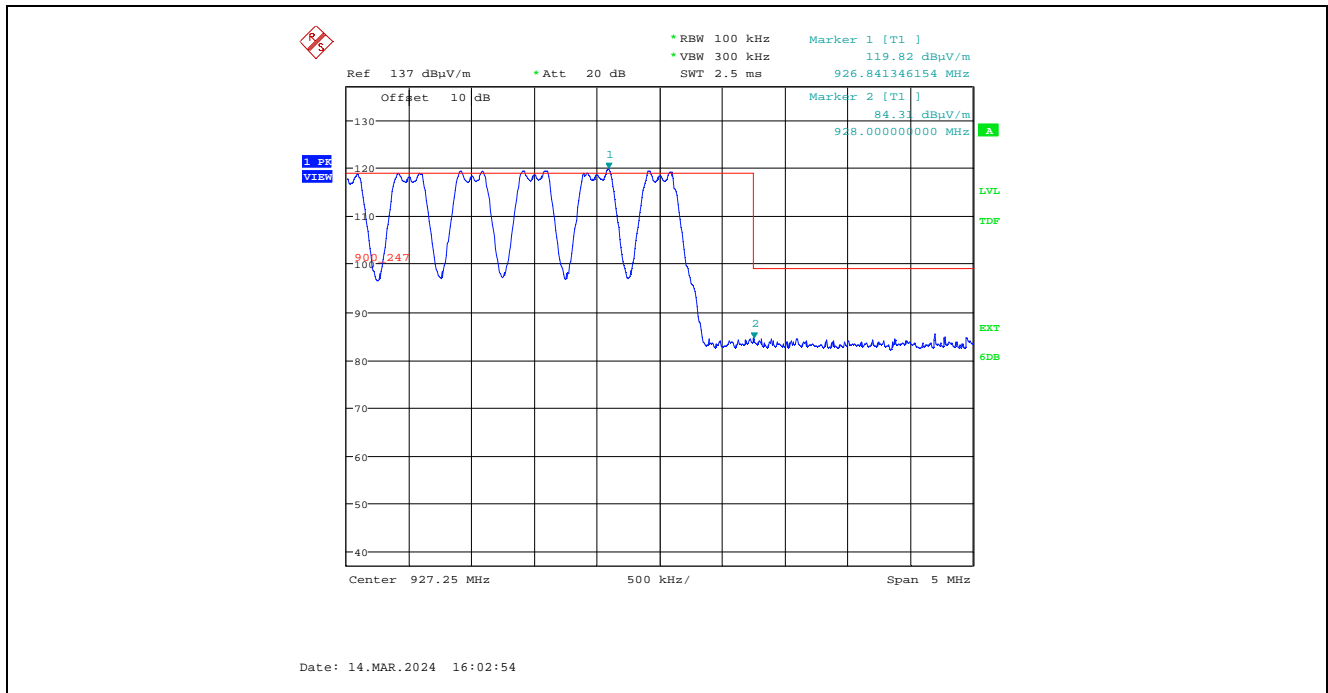
Plot 1.3.2.20. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
250 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



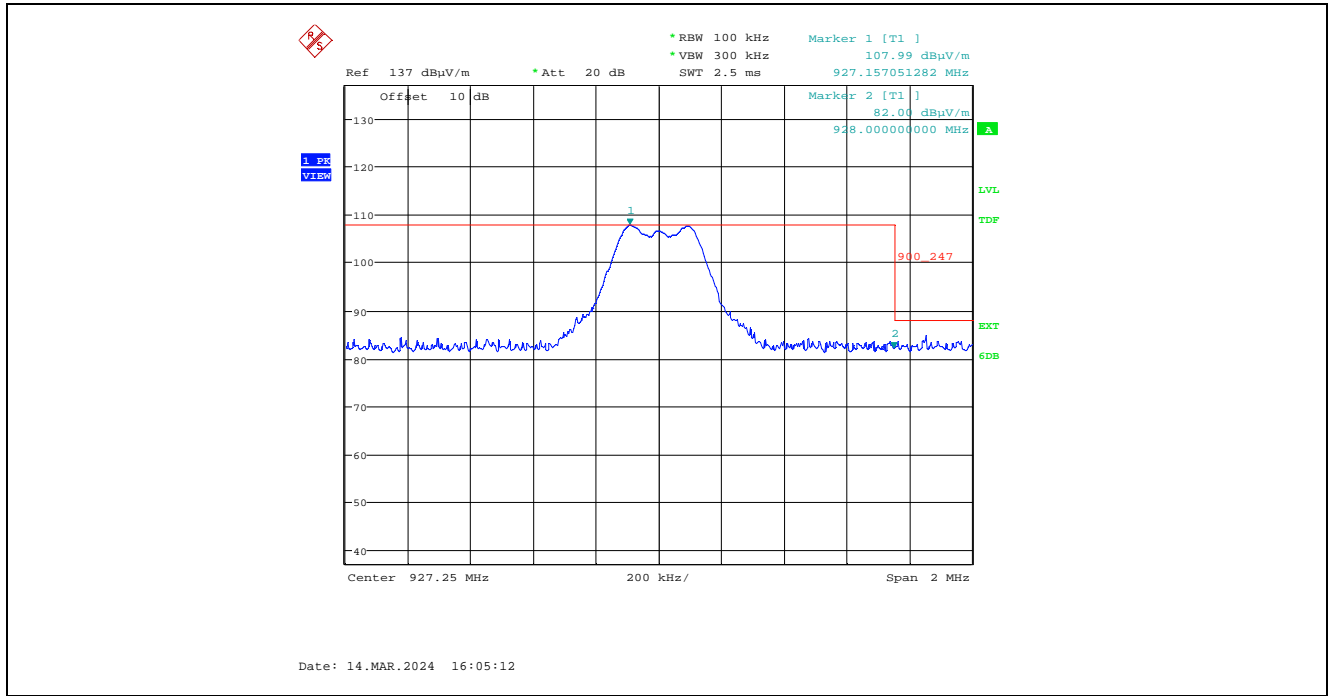
Plot 1.3.2.21. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 250 kbps, Single Frequency Mode, High End of Frequency Band



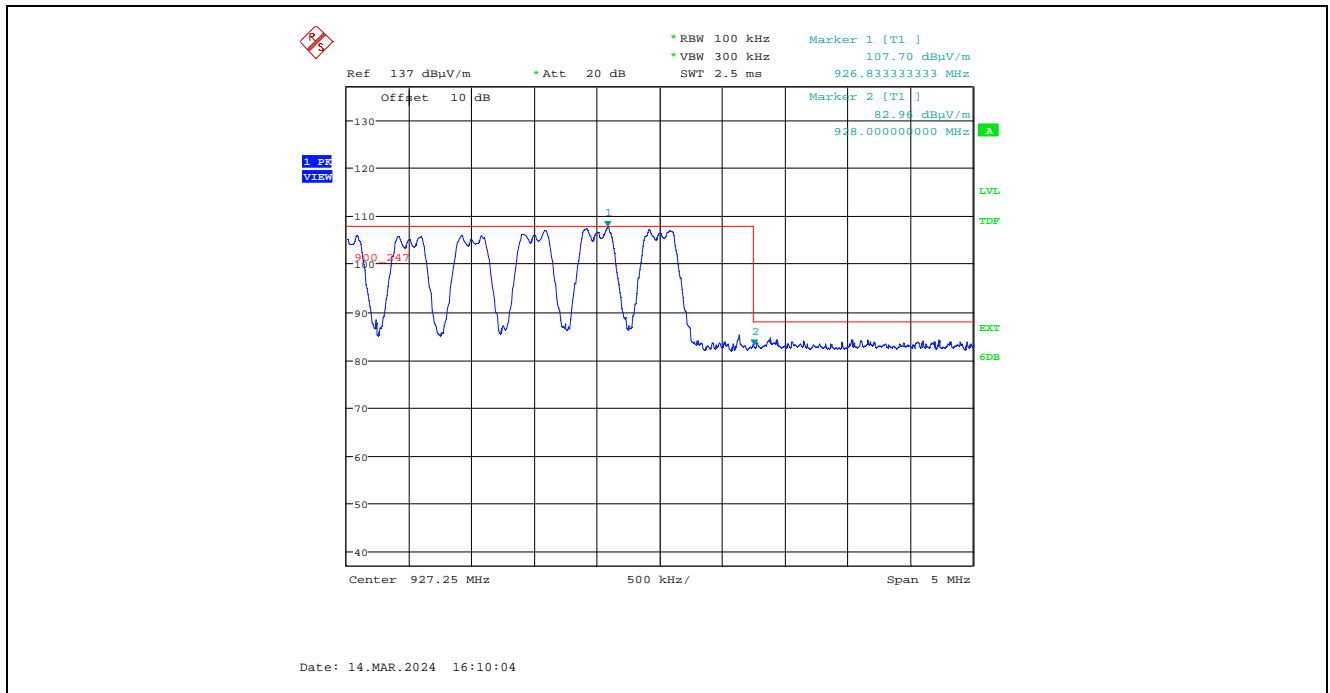
Plot 1.3.2.22. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 250 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



Plot 1.3.2.23. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
250 kbps, Single Frequency Mode, High End of Frequency Band



Plot 1.3.2.24. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
250 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



1.4. EUT with 15.1 dBi Yagi Antenna, 14.48 dBi Antenna Assembly Gain, 110 kbps Data Rate

1.4.1. Spurious Radiated Emissions

| Fundamental Frequency: | | 902.5 MHz | | | | | |
|--|------------------------|-----------------------|---------------------|-----------------------|-----------------------|-------------|-----------|
| Power Setting: | | High | | | | | |
| Frequency Test Range: | | 30 MHz – 10 GHz | | | | | |
| Frequency (MHz) | RF Peak Level (dBµV/m) | RF Avg Level (dBµV/m) | Antenna Plane (H/V) | Limit 15.209 (dBµV/m) | Limit 15.247 (dBµV/m) | Margin (dB) | Pass/Fail |
| 902.5 | 127.61 | -- | V | -- | -- | -- | -- |
| 902.5 | 127.64 | -- | H | -- | -- | -- | -- |
| 2707.5 | 47.62 | 42.71 | V | 54.0 | 107.6 | -11.3 | Pass* |
| 2707.5 | 51.44 | 48.61 | H | 54.0 | 107.6 | -5.4 | Pass* |
| 3610.0 | 49.07 | 44.13 | V | 54.0 | 107.6 | -9.9 | Pass* |
| 3610.0 | 51.23 | 46.77 | H | 54.0 | 107.6 | -7.2 | Pass* |
| 4512.5 | 47.20 | 37.64 | V | 54.0 | 107.6 | -16.4 | Pass* |
| 4512.5 | 46.81 | 36.90 | H | 54.0 | 107.6 | -17.1 | Pass* |
| All other spurious emissions and harmonics are more than 20 dB below the applicable limit. | | | | | | | |

*Field strength of emissions appearing within restricted frequency bands shall not exceed the limits in § 15.209.

| Fundamental Frequency: | | 915 MHz | | | | | |
|--|------------------------|-----------------------|---------------------|-----------------------|-----------------------|-------------|-----------|
| Power Setting: | | High | | | | | |
| Frequency Test Range: | | 30 MHz – 10 GHz | | | | | |
| Frequency (MHz) | RF Peak Level (dBµV/m) | RF Avg Level (dBµV/m) | Antenna Plane (H/V) | Limit 15.209 (dBµV/m) | Limit 15.247 (dBµV/m) | Margin (dB) | Pass/Fail |
| 915.0 | 127.60 | -- | V | -- | -- | -- | -- |
| 915.0 | 127.65 | -- | H | -- | -- | -- | -- |
| 2745.0 | 46.05 | 39.47 | V | 54.0 | 107.7 | -14.5 | Pass* |
| 2745.0 | 52.04 | 49.91 | H | 54.0 | 107.7 | -4.1 | Pass* |
| 3660.0 | 47.95 | 42.06 | V | 54.0 | 107.7 | -11.9 | Pass* |
| 3660.0 | 48.36 | 43.12 | H | 54.0 | 107.7 | -10.9 | Pass* |
| All other spurious emissions and harmonics are more than 20 dB below the applicable limit. | | | | | | | |

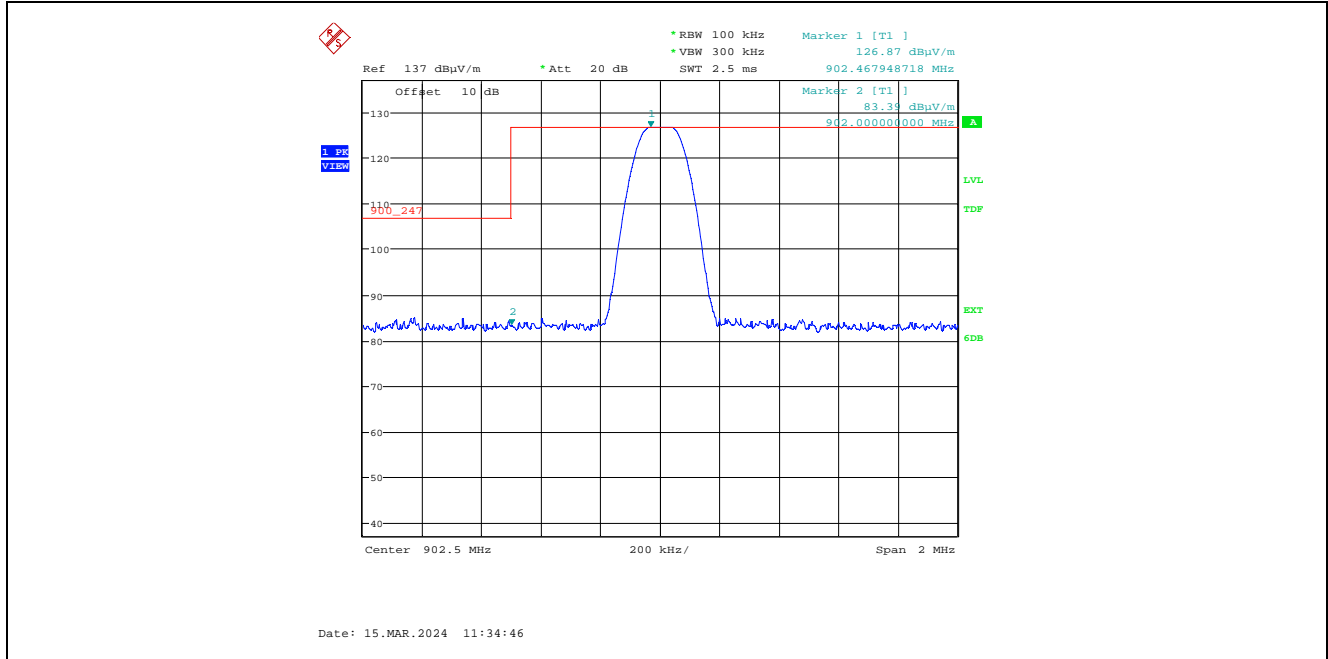
*Field strength of emissions appearing within restricted frequency bands shall not exceed the limits in § 15.209.

| Fundamental Frequency: | | 927 MHz | | | | | |
|--|------------------------|-----------------------|---------------------|-----------------------|-----------------------|-------------|-----------|
| Power Setting: | | High | | | | | |
| Frequency Test Range: | | 30 MHz – 10 GHz | | | | | |
| Frequency (MHz) | RF Peak Level (dBµV/m) | RF Avg Level (dBµV/m) | Antenna Plane (H/V) | Limit 15.209 (dBµV/m) | Limit 15.247 (dBµV/m) | Margin (dB) | Pass/Fail |
| 927.0 | 127.52 | -- | V | -- | -- | -- | -- |
| 927.0 | 127.68 | -- | H | -- | -- | -- | -- |
| 2781.0 | 44.36 | 37.78 | V | 54.0 | 107.7 | -16.2 | Pass* |
| 2781.0 | 50.92 | 48.04 | H | 54.0 | 107.7 | -6.0 | Pass* |
| 3708.0 | 46.74 | 37.68 | V | 54.0 | 107.7 | -16.3 | Pass* |
| 3708.0 | 50.87 | 45.59 | H | 54.0 | 107.7 | -8.4 | Pass* |
| All other spurious emissions and harmonics are more than 20 dB below the applicable limit. | | | | | | | |

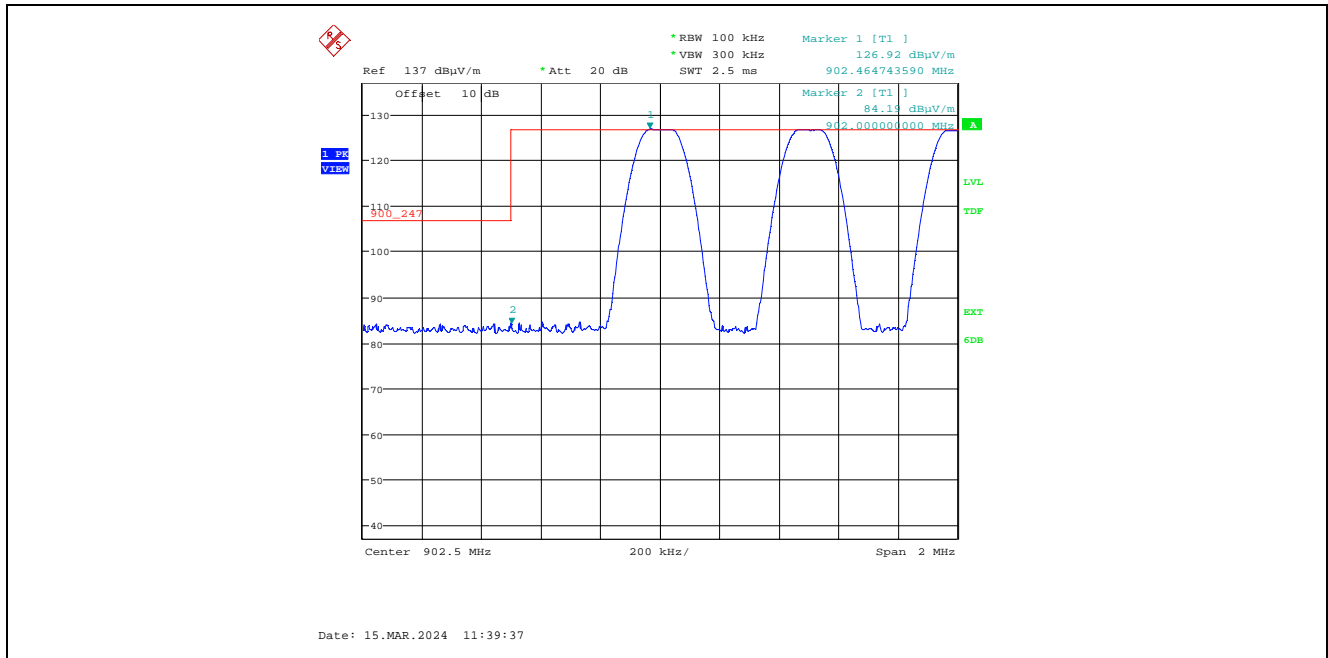
*Field strength of emissions appearing within restricted frequency bands shall not exceed the limits in § 15.209.

1.4.2. Band –Edge RF Radiated Emissions

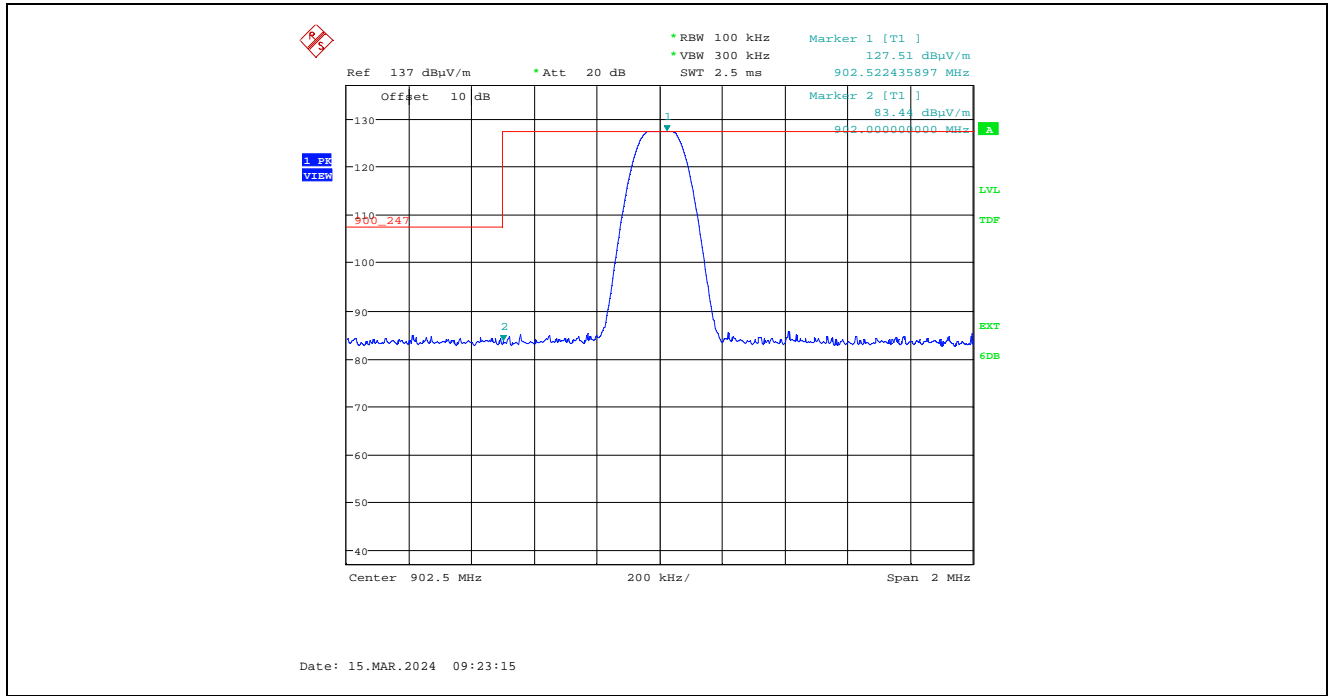
Plot 1.4.2.1. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
10 kbps, Single Frequency Mode, Low End of Frequency Band



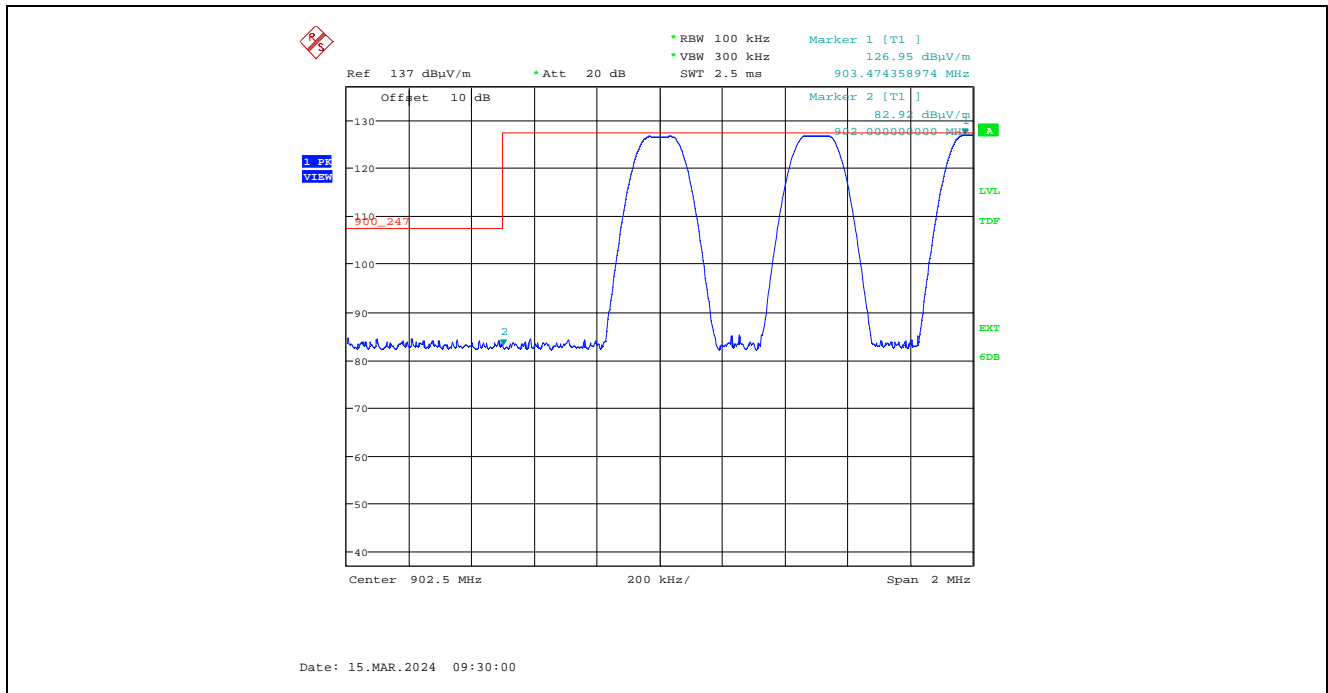
Plot 1.4.2.2. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
10 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



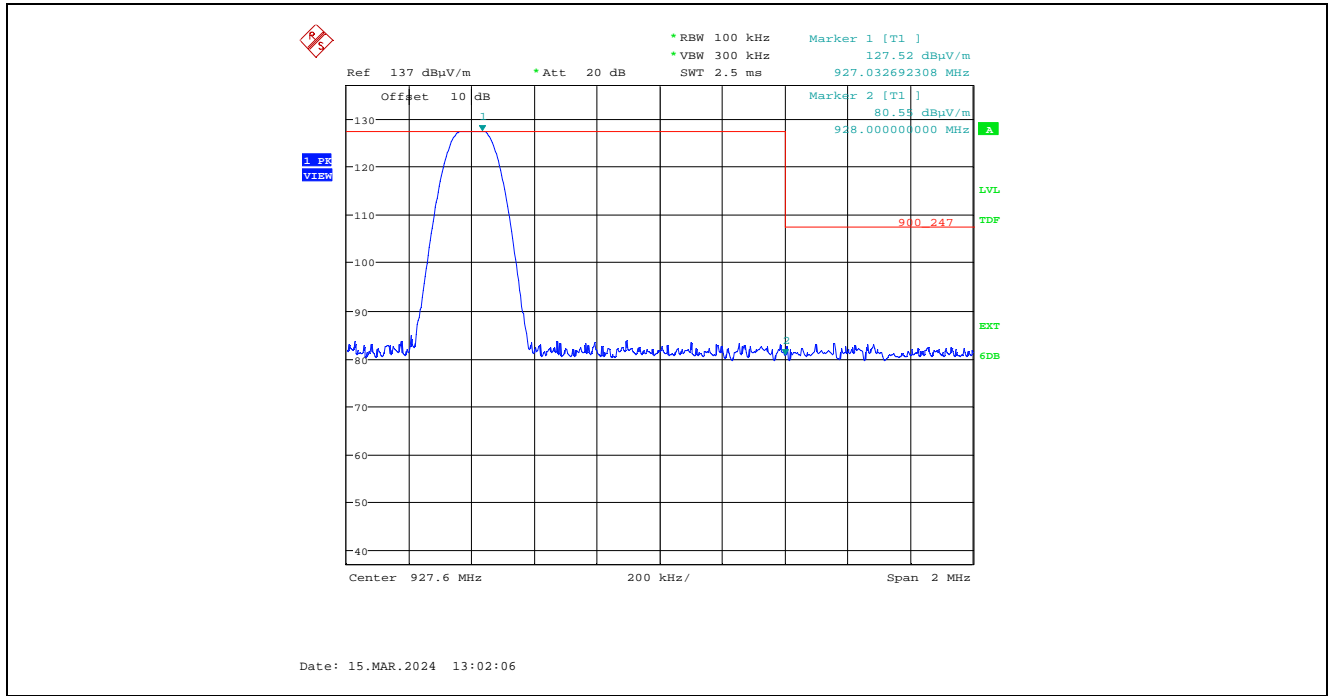
**Plot 1.4.2.3. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 10 kbps, Single Frequency Mode, Low End of Frequency Band**



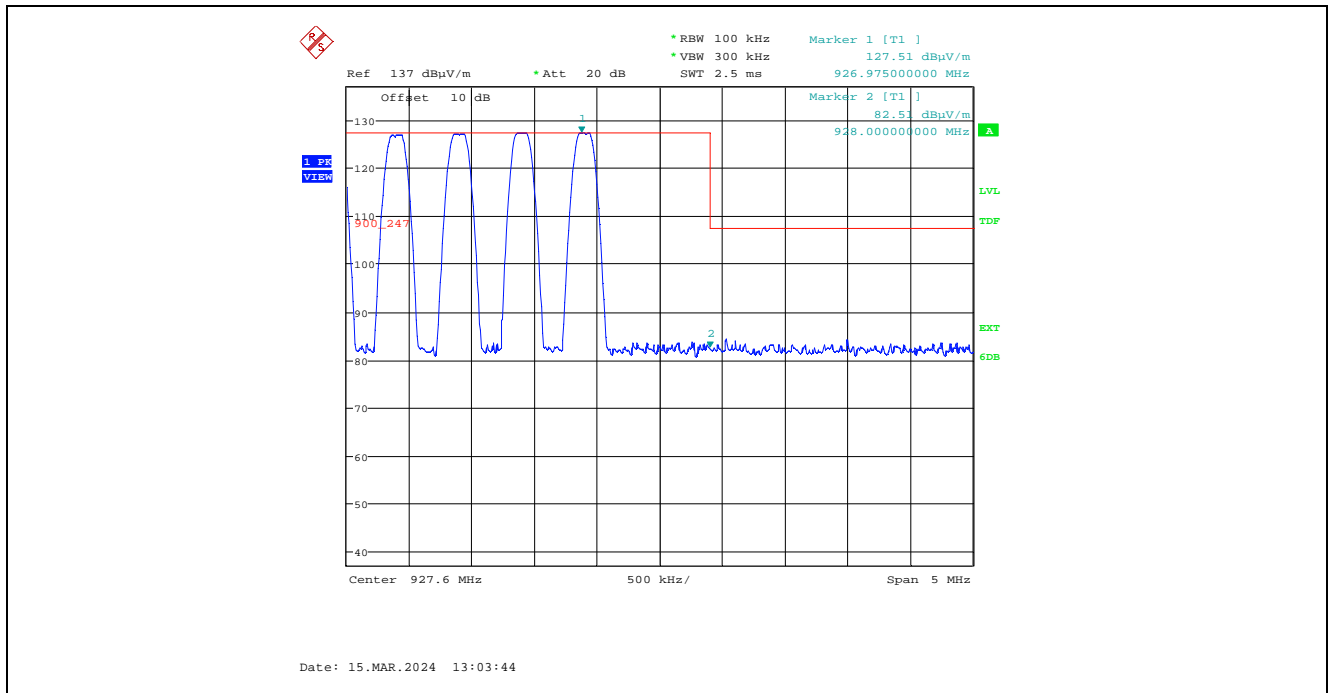
**Plot 1.4.2.4. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 10 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band**



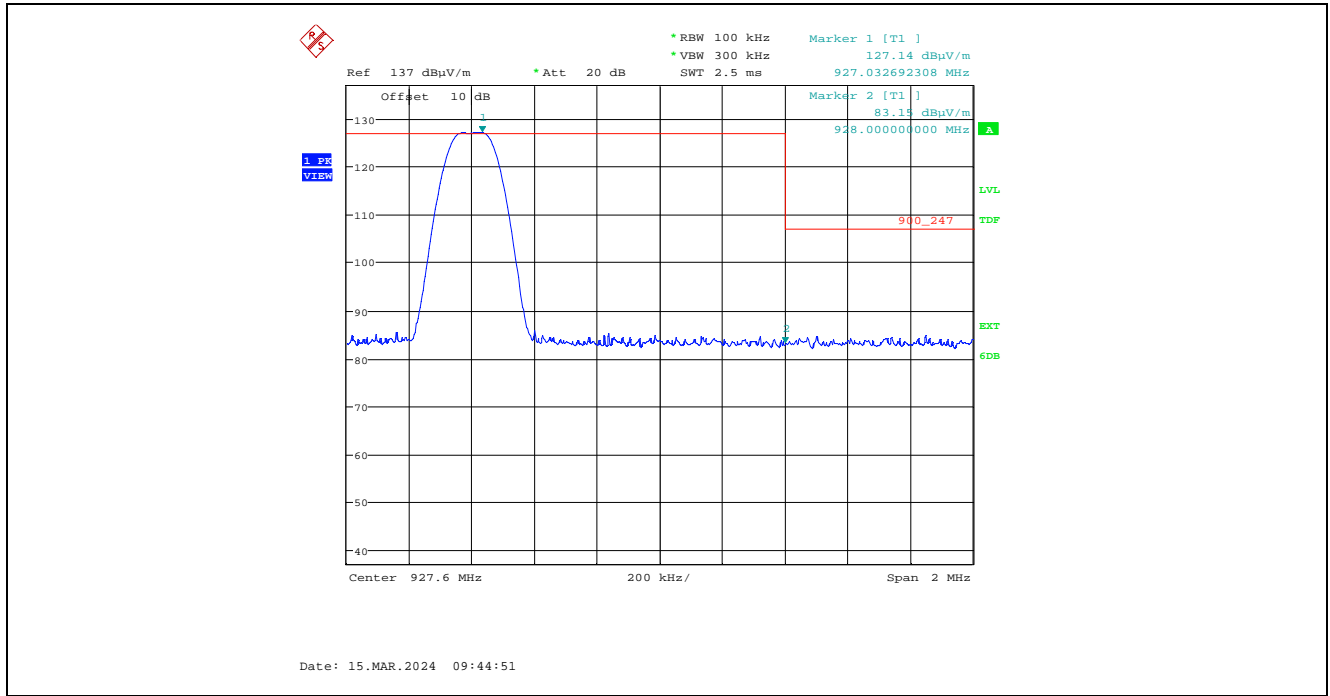
Plot 1.4.2.5. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 10 kbps, Single Frequency Mode, High End of Frequency Band



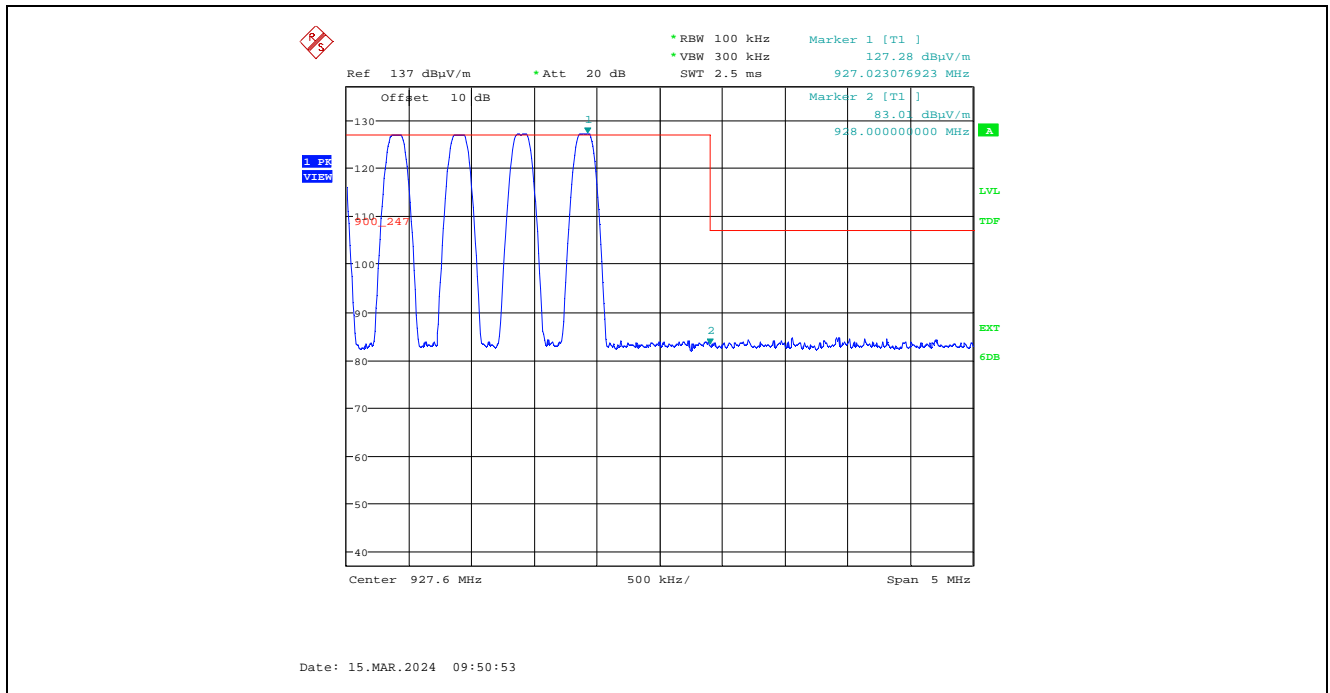
Plot 1.4.2.6. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 10 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



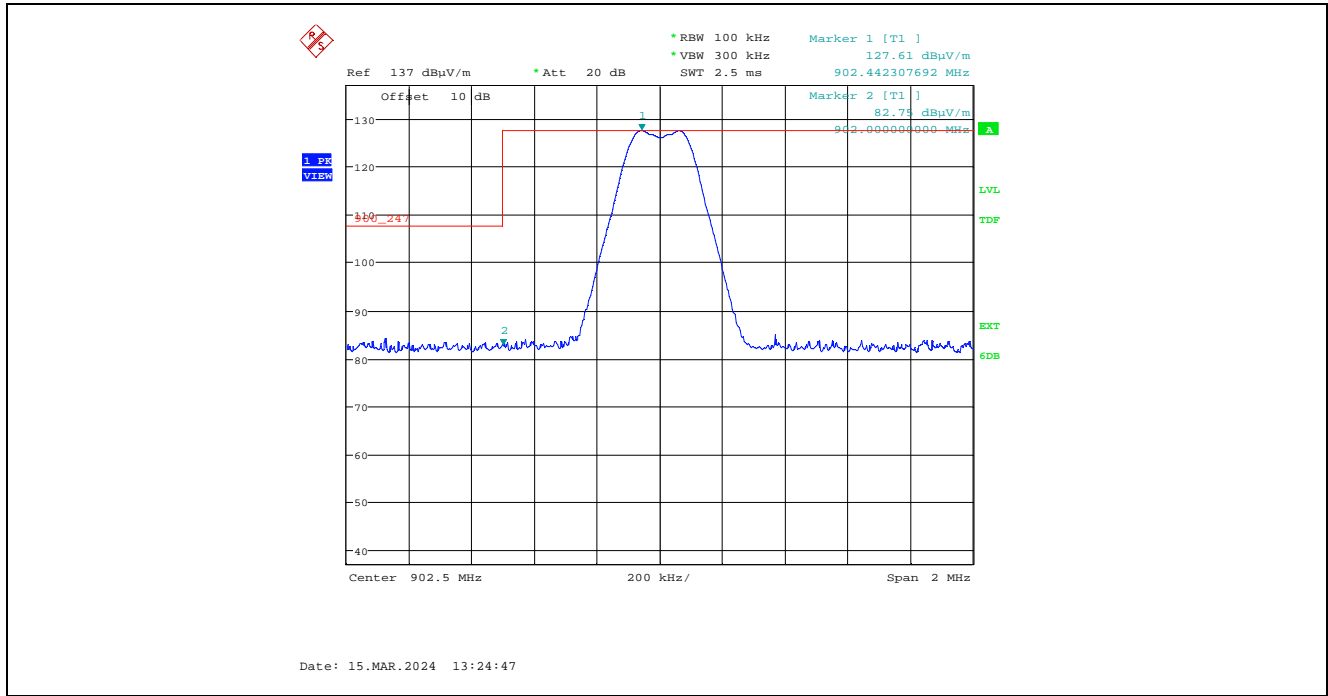
Plot 1.4.2.7. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
10 kbps, Single Frequency Mode, High End of Frequency Band



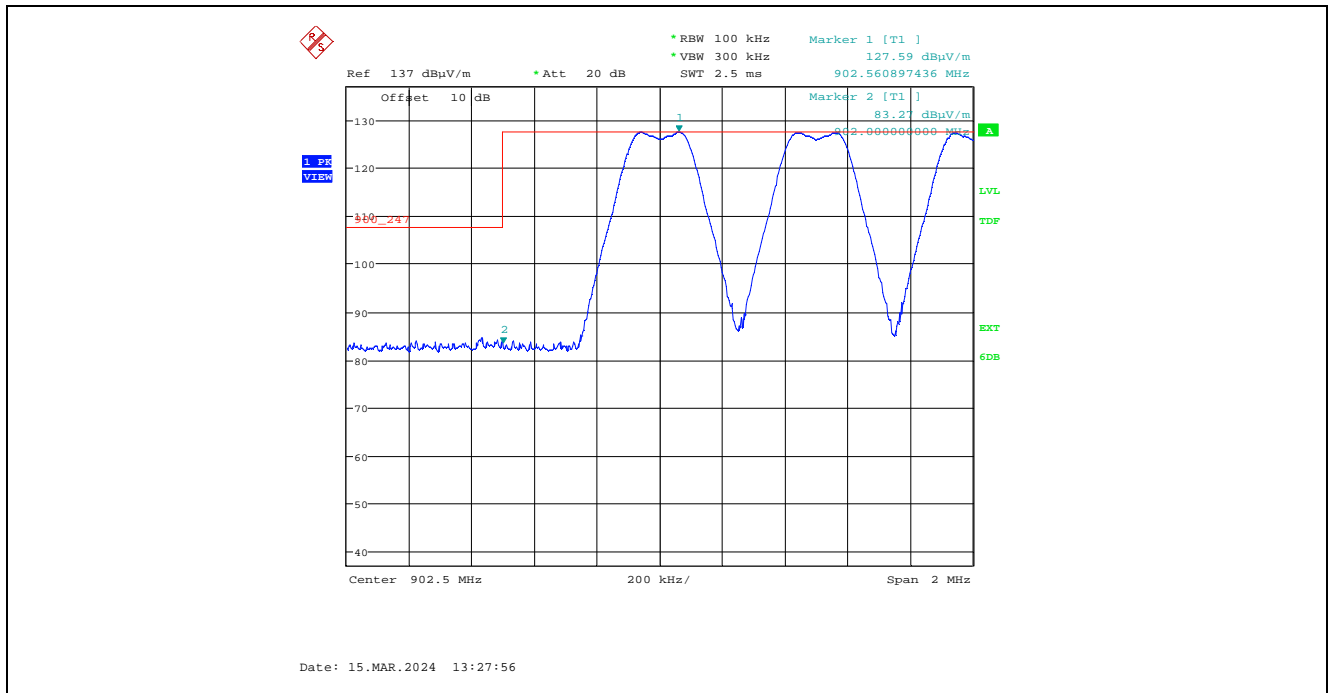
Plot 1.4.2.8. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
10 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



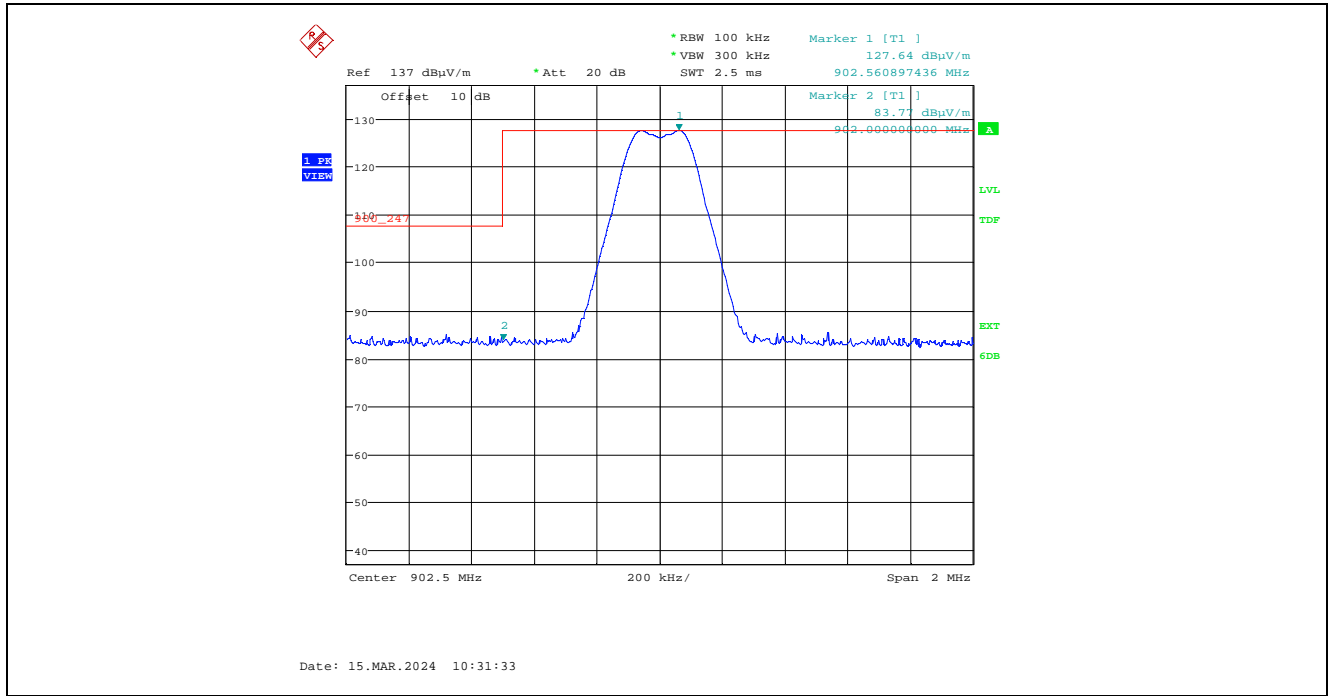
Plot 1.4.2.9. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
110 kbps, Single Frequency Mode, Low End of Frequency Band



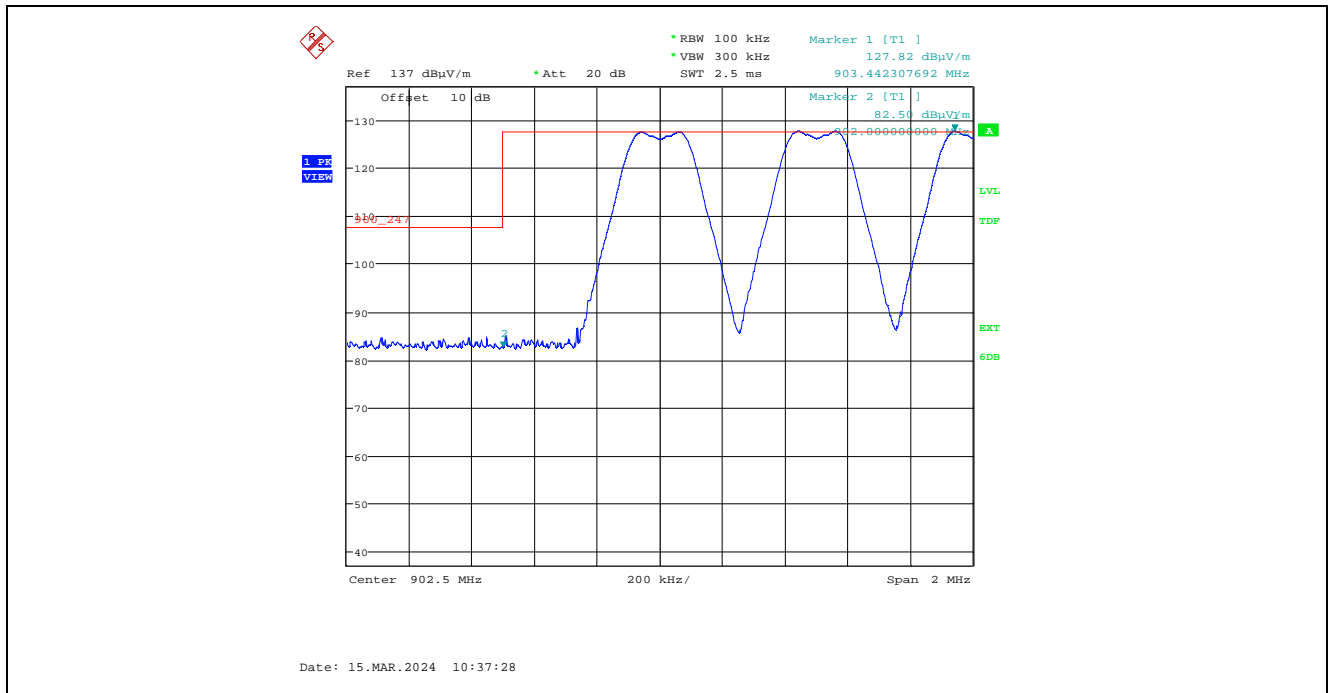
Plot 1.4.2.10. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
110 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



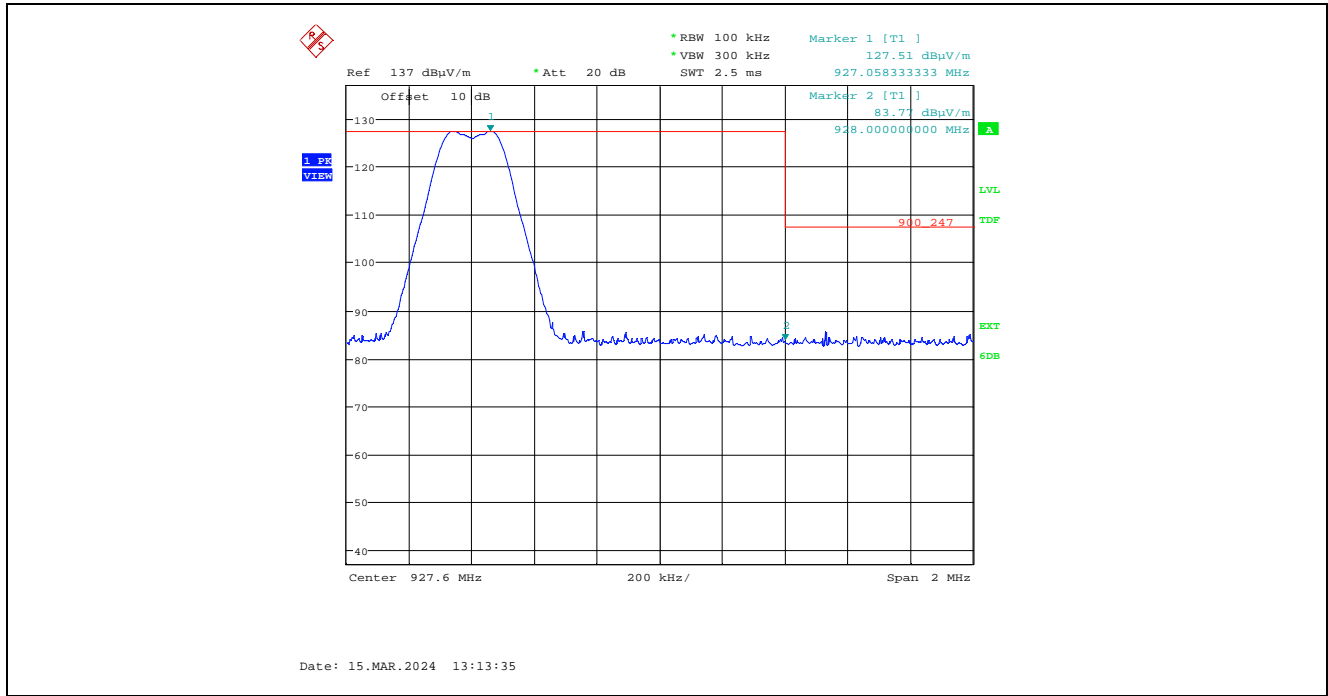
Plot 1.4.2.11. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
110 kbps, Single Frequency Mode, Low End of Frequency Band



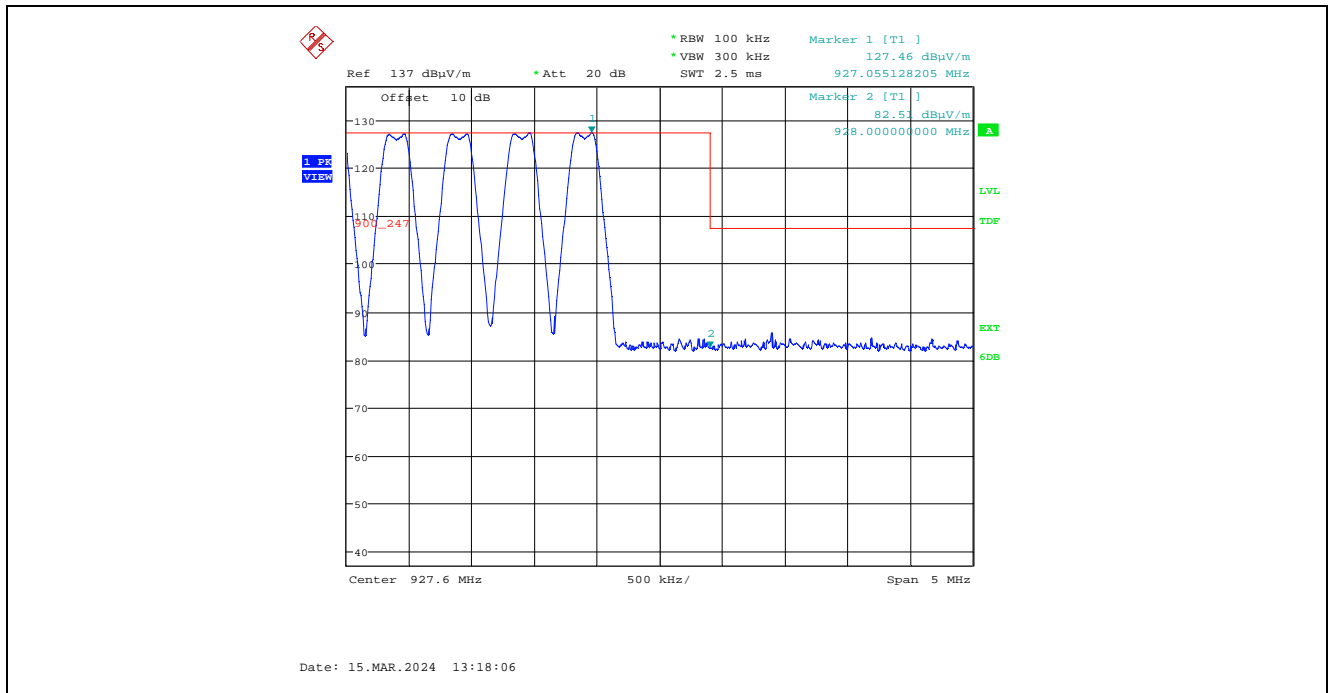
Plot 1.4.2.12. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
110 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



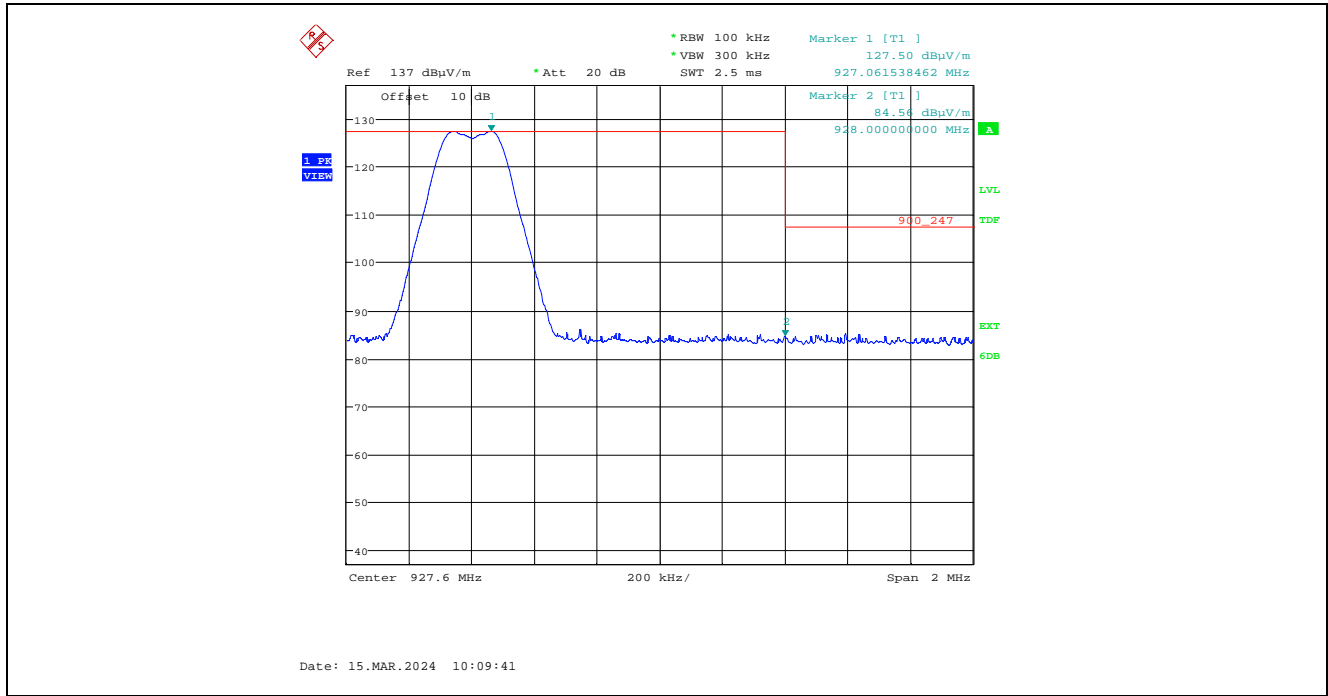
Plot 1.4.2.13. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 110 kbps, Single Frequency Mode, High End of Frequency Band



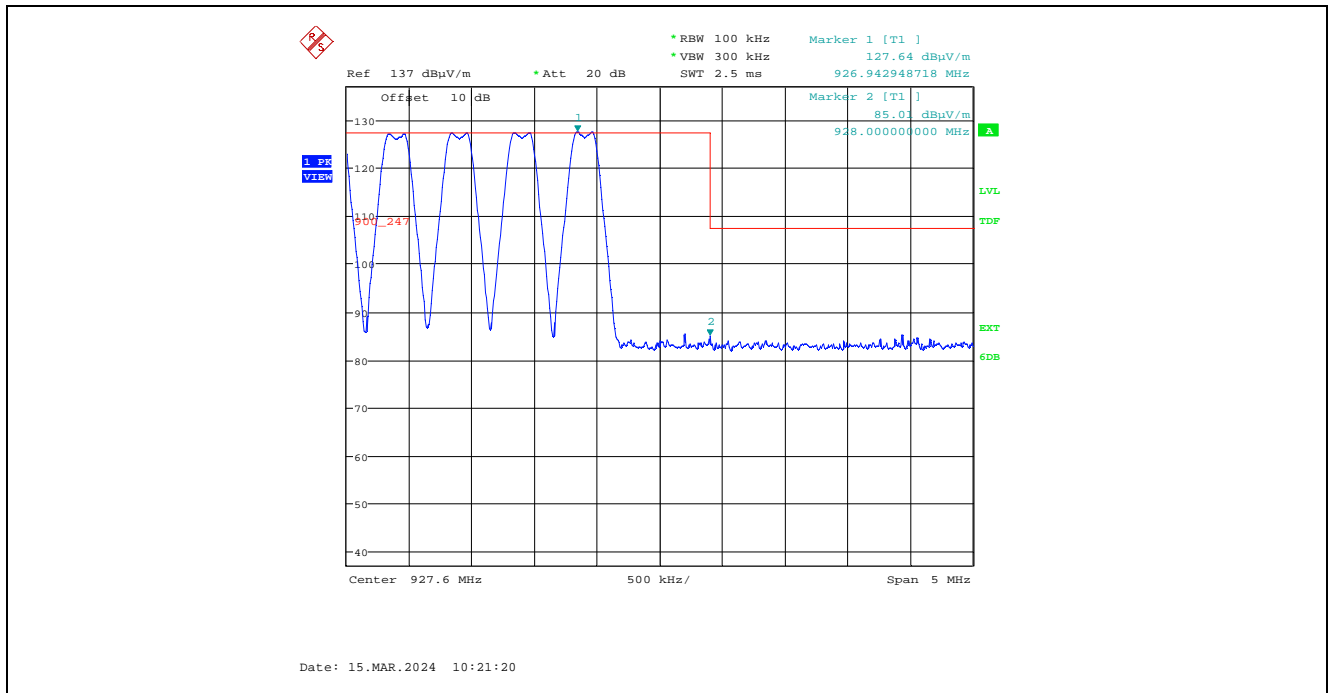
Plot 1.4.2.14. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 110 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



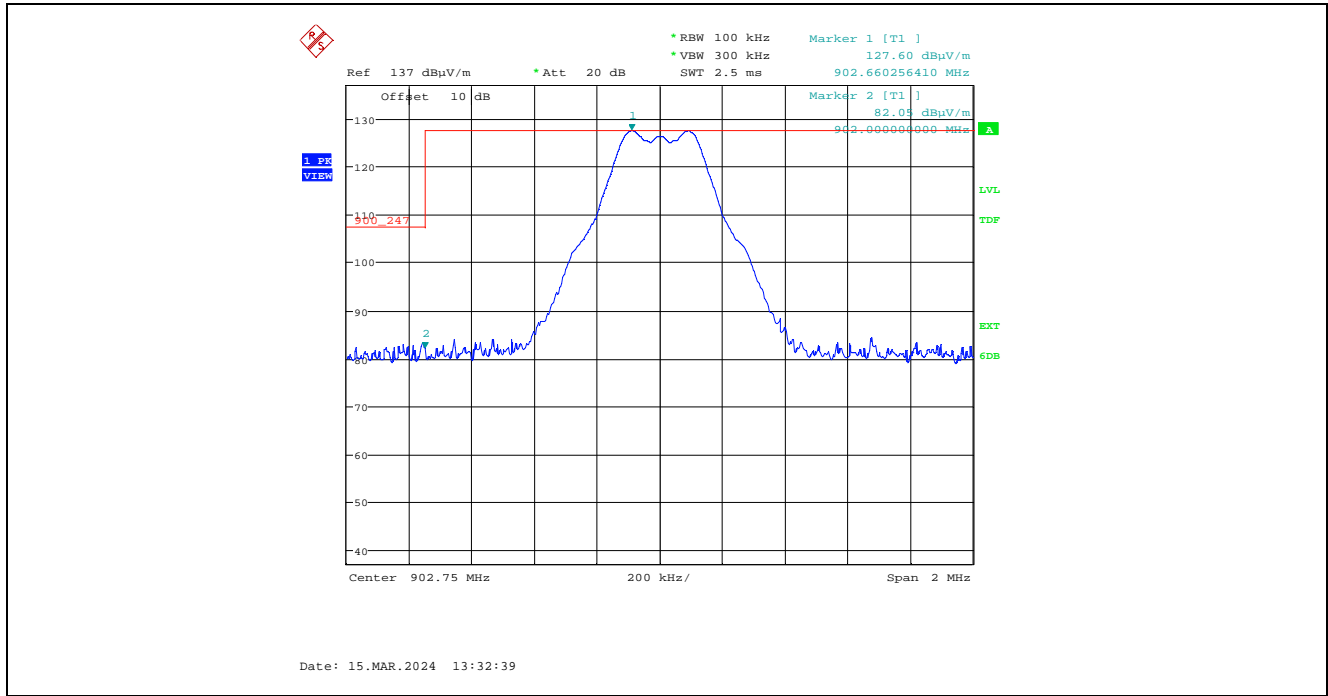
Plot 1.4.2.15. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 110 kbps, Single Frequency Mode, High End of Frequency Band



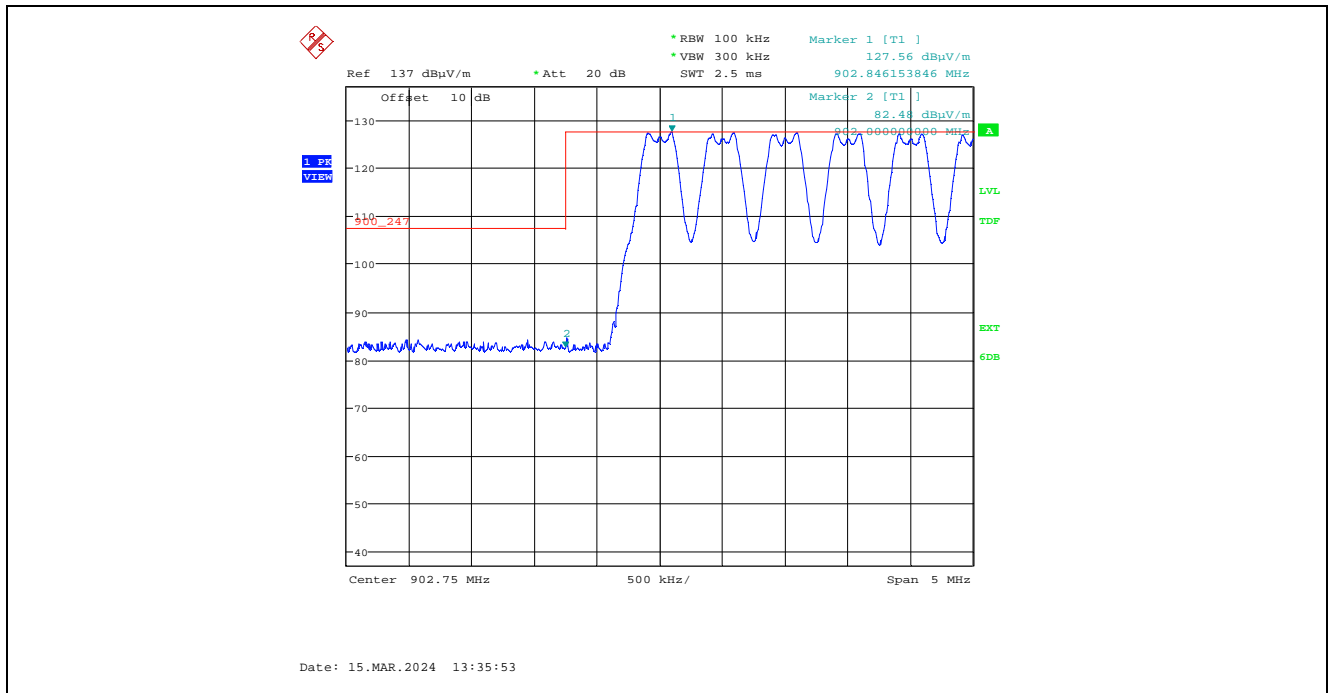
Plot 1.4.2.16. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 110 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



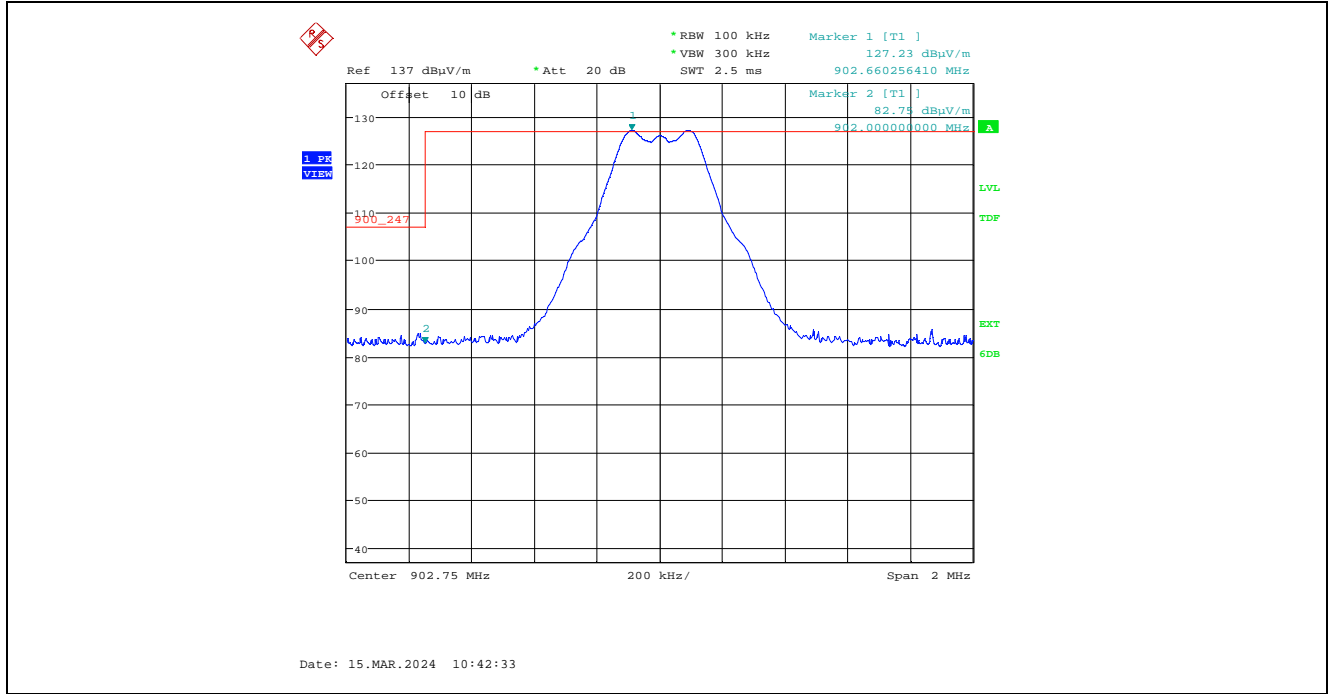
Plot 1.4.2.17. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 250 kbps, Single Frequency Mode, Low End of Frequency Band



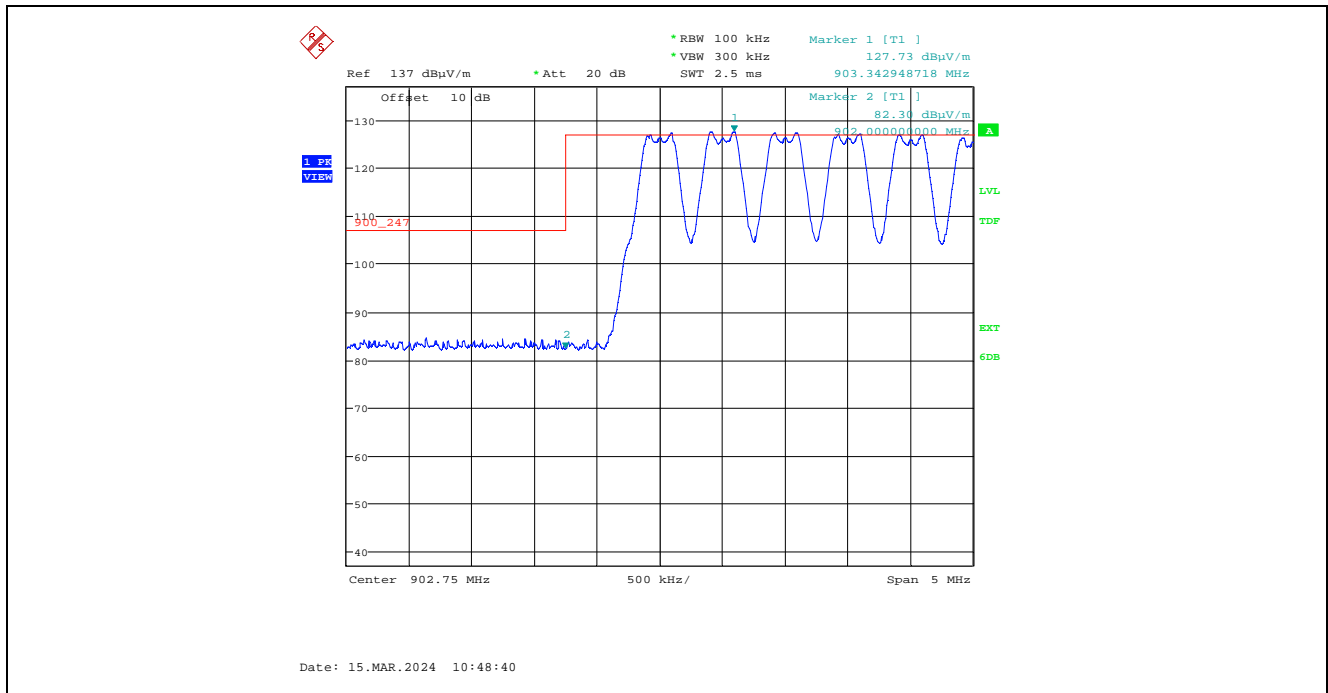
Plot 1.4.2.18. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 250 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



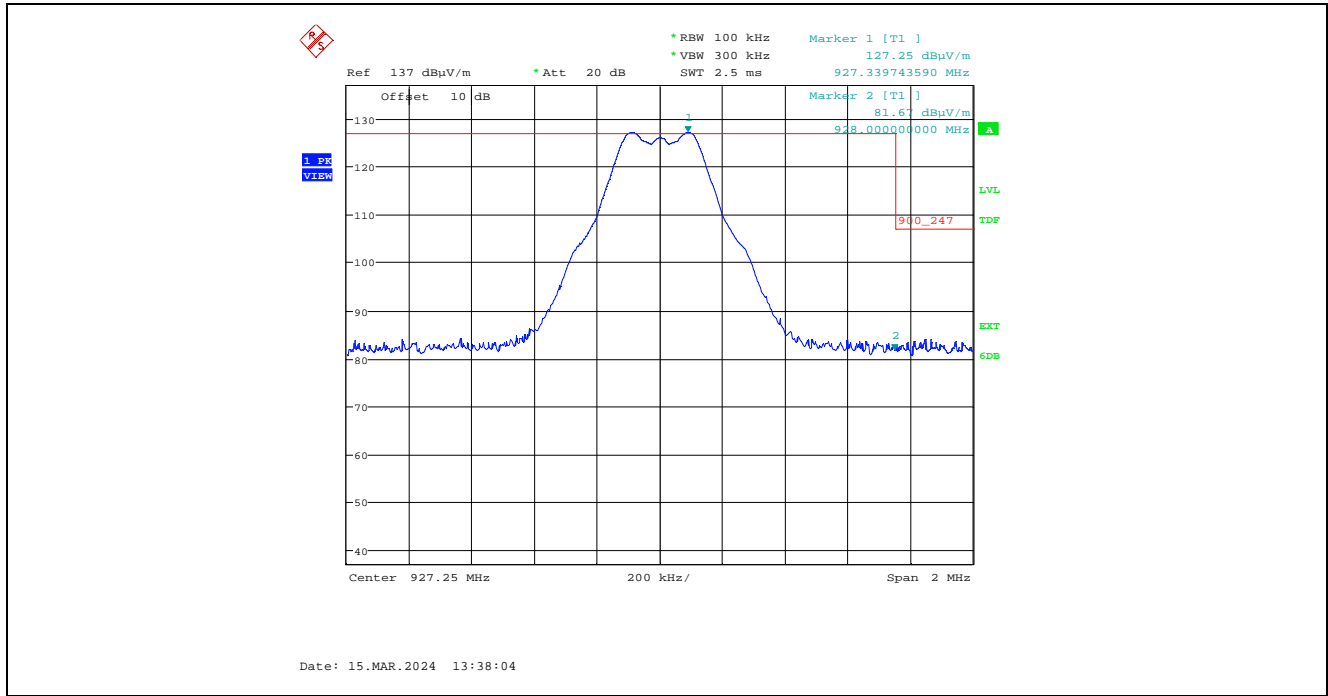
Plot 1.4.2.19. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
250 kbps, Single Frequency Mode, Low End of Frequency Band



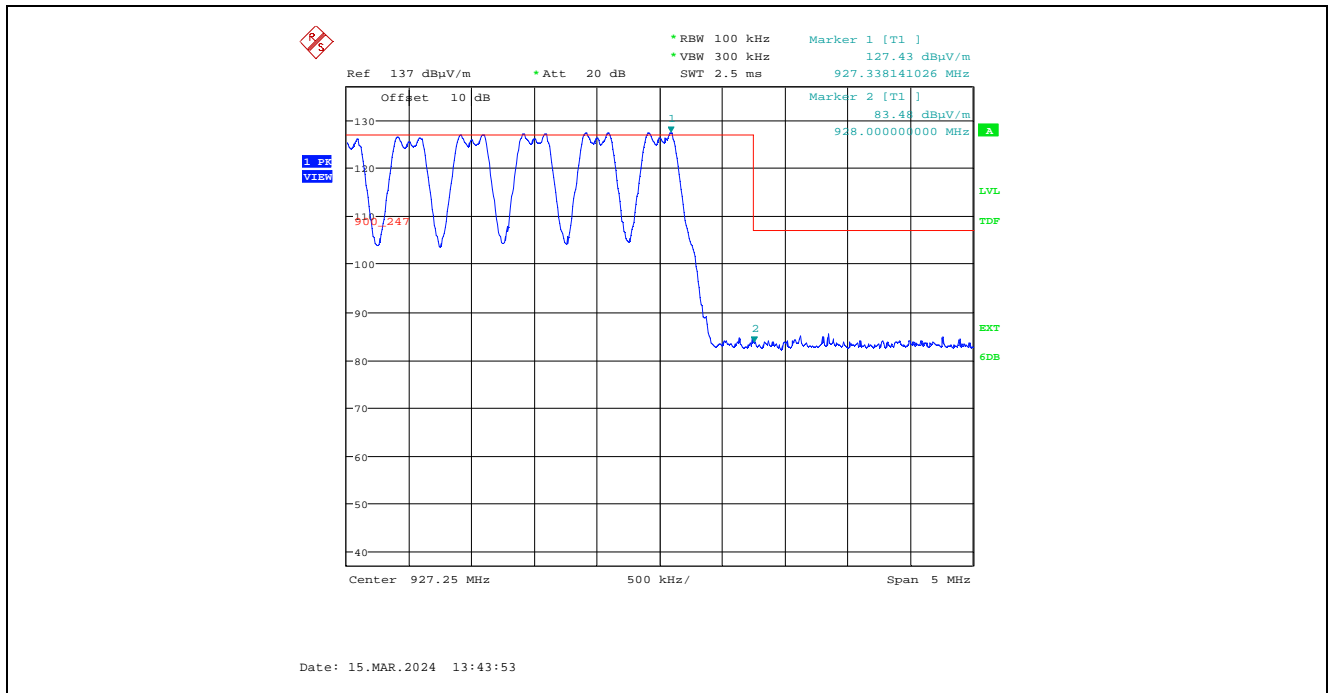
Plot 1.4.2.20. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
250 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



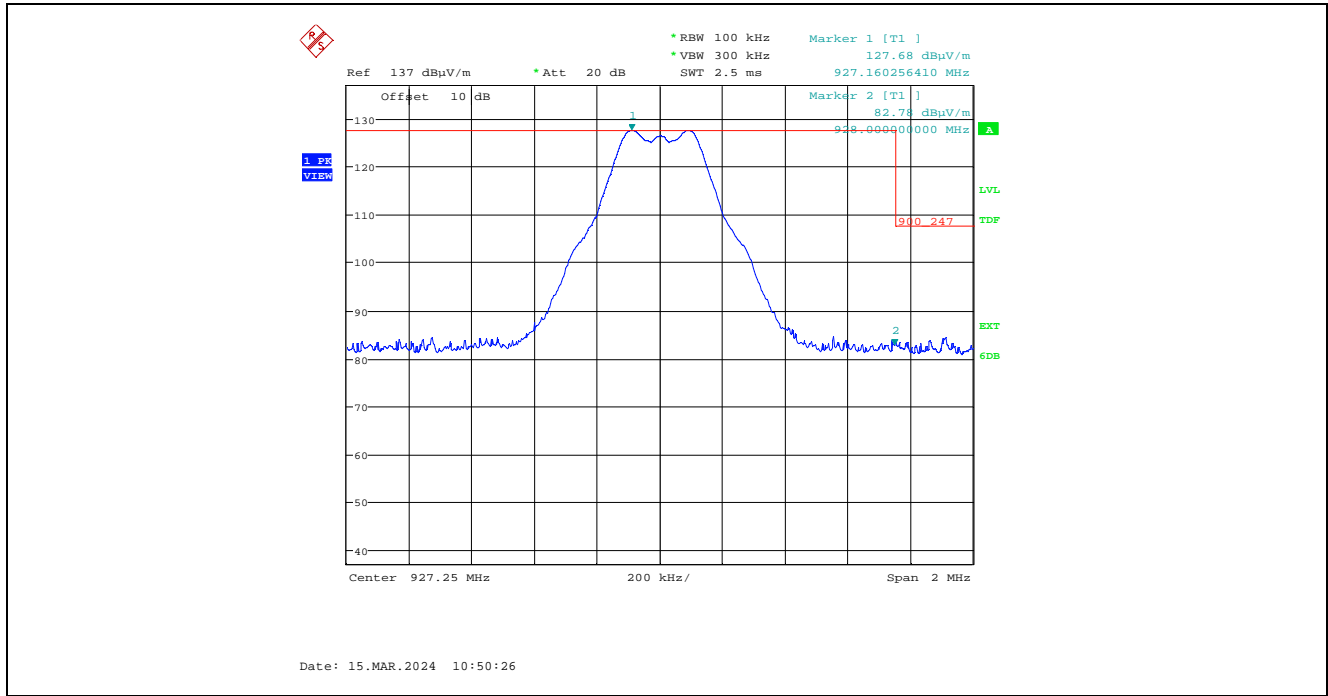
Plot 1.4.2.21. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 250 kbps, Single Frequency Mode, High End of Frequency Band



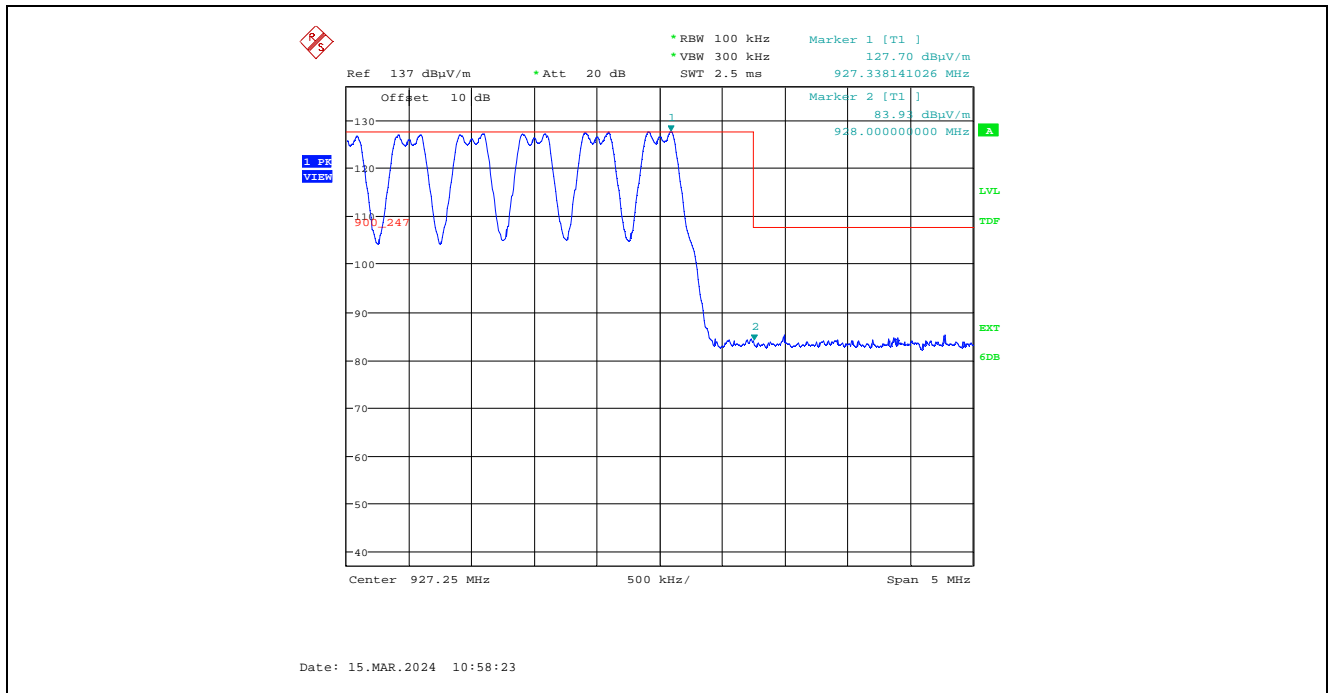
Plot 1.4.2.22. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 250 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



Plot 1.4.2.23. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 250 kbps, Single Frequency Mode, High End of Frequency Band



Plot 1.4.2.24. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 250 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



1.5. EUT with 1 dBi Flex Antenna, 1 dBi Antenna Assembly Gain, 110 kbps Data Rate

1.5.1. Spurious Radiated Emissions

| Fundamental Frequency: | | 902.5 MHz | | | | | |
|--|------------------------|-----------------------|---------------------|-----------------------|-----------------------|-------------|-----------|
| Power Setting: | | High | | | | | |
| Frequency Test Range: | | 30 MHz – 10 GHz | | | | | |
| Frequency (MHz) | RF Peak Level (dBµV/m) | RF Avg Level (dBµV/m) | Antenna Plane (H/V) | Limit 15.209 (dBµV/m) | Limit 15.247 (dBµV/m) | Margin (dB) | Pass/Fail |
| 902.5 | 108.38 | -- | V | -- | -- | -- | -- |
| 902.5 | 112.04 | -- | H | -- | -- | -- | -- |
| 3610.0 | 46.88 | 37.70 | V | 54.0 | 92.0 | -16.3 | Pass* |
| 3610.0 | 50.31 | 44.68 | H | 54.0 | 92.0 | -9.3 | Pass* |
| All other spurious emissions and harmonics are more than 20 dB below the applicable limit. | | | | | | | |

*Field strength of emissions appearing within restricted frequency bands shall not exceed the limits in § 15.209.

| Fundamental Frequency: | | 915 MHz | | | | | |
|--|------------------------|-----------------------|---------------------|-----------------------|-----------------------|-------------|-----------|
| Power Setting: | | High | | | | | |
| Frequency Test Range: | | 30 MHz – 10 GHz | | | | | |
| Frequency (MHz) | RF Peak Level (dBµV/m) | RF Avg Level (dBµV/m) | Antenna Plane (H/V) | Limit 15.209 (dBµV/m) | Limit 15.247 (dBµV/m) | Margin (dB) | Pass/Fail |
| 915.0 | 108.71 | -- | V | -- | -- | -- | -- |
| 915.0 | 112.50 | -- | H | -- | -- | -- | -- |
| 2745.0 | 49.63 | 45.73 | H | 54.0 | 92.5 | -8.3 | Pass* |
| 3660.0 | 45.83 | 35.65 | V | 54.0 | 92.5 | -18.4 | Pass* |
| 3660.0 | 49.17 | 43.27 | H | 54.0 | 92.5 | -10.7 | Pass* |
| All other spurious emissions and harmonics are more than 20 dB below the applicable limit. | | | | | | | |

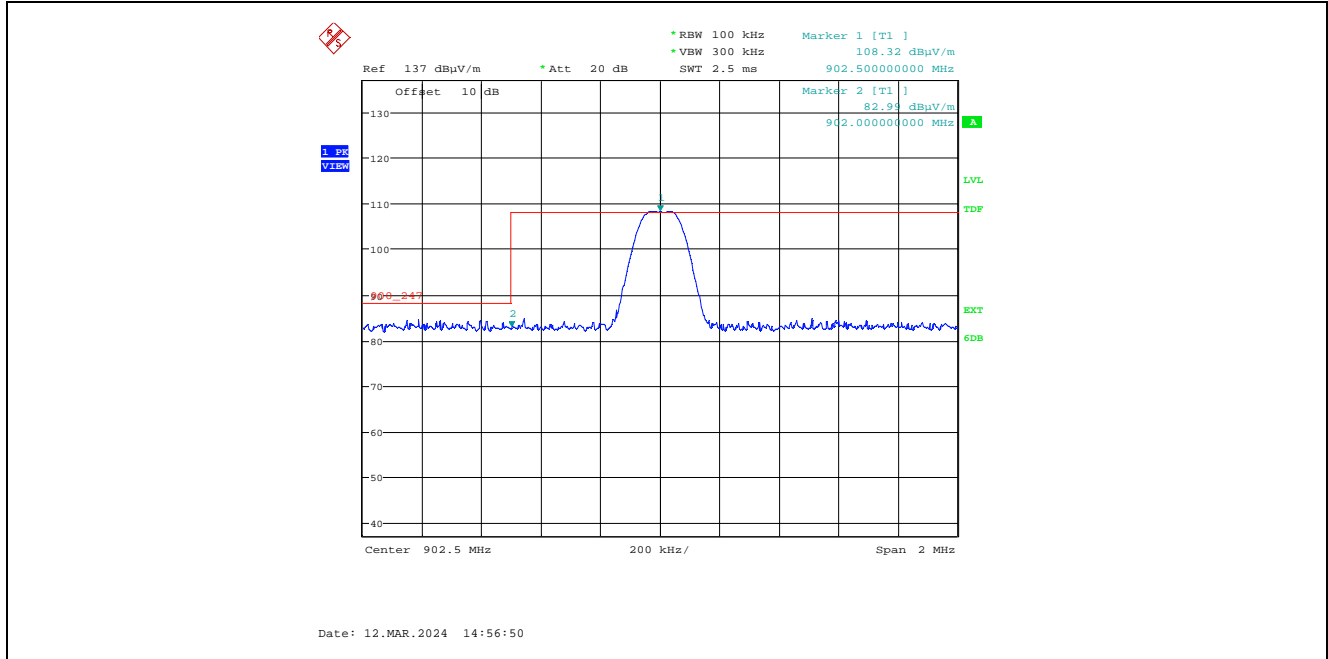
*Field strength of emissions appearing within restricted frequency bands shall not exceed the limits in § 15.209.

| Fundamental Frequency: | | 927 MHz | | | | | |
|--|------------------------|-----------------------|---------------------|-----------------------|-----------------------|-------------|-----------|
| Power Setting: | | High | | | | | |
| Frequency Test Range: | | 30 MHz – 10 GHz | | | | | |
| Frequency (MHz) | RF Peak Level (dBµV/m) | RF Avg Level (dBµV/m) | Antenna Plane (H/V) | Limit 15.209 (dBµV/m) | Limit 15.247 (dBµV/m) | Margin (dB) | Pass/Fail |
| 927.0 | 109.64 | -- | V | -- | -- | -- | -- |
| 927.0 | 113.42 | -- | H | -- | -- | -- | -- |
| 2781.0 | 47.02 | 42.08 | V | 54.0 | 93.4 | -11.9 | Pass* |
| 2781.0 | 51.94 | 49.15 | H | 54.0 | 93.4 | -4.9 | Pass* |
| 3708.0 | 48.77 | 41.33 | H | 54.0 | 93.4 | -12.7 | Pass* |
| All other spurious emissions and harmonics are more than 20 dB below the applicable limit. | | | | | | | |

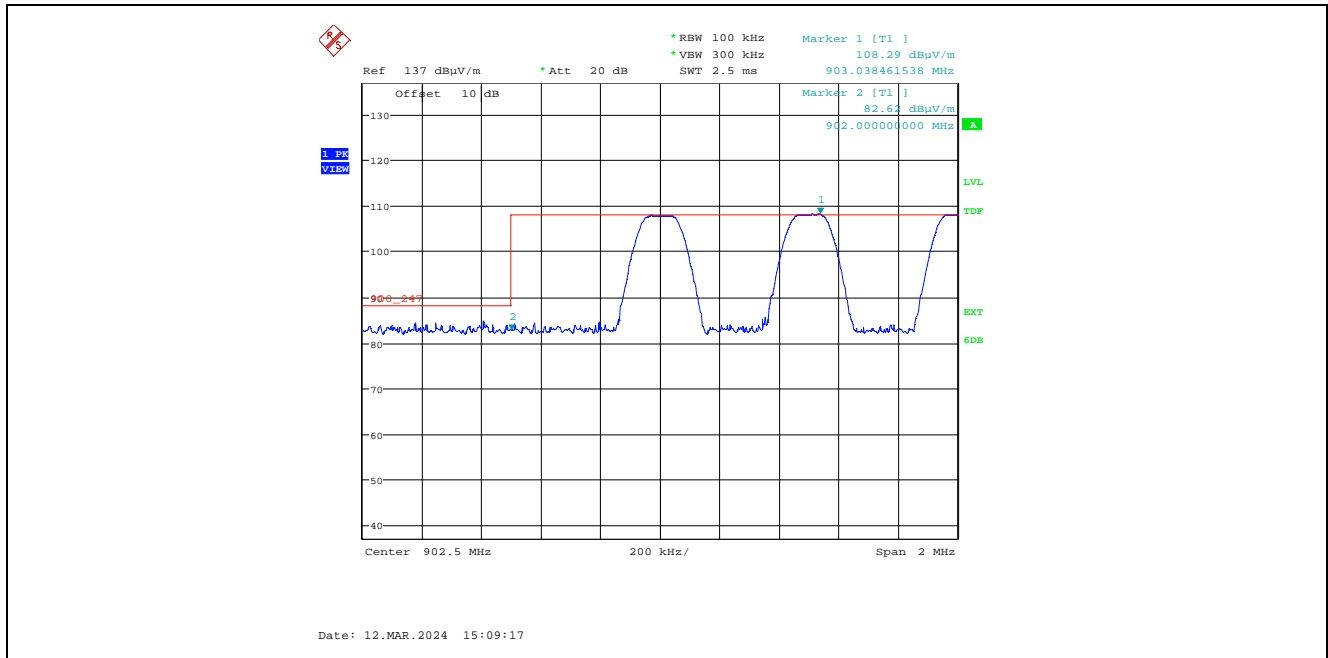
*Field strength of emissions appearing within restricted frequency bands shall not exceed the limits in § 15.209.

1.5.2. Band –Edge RF Radiated Emissions

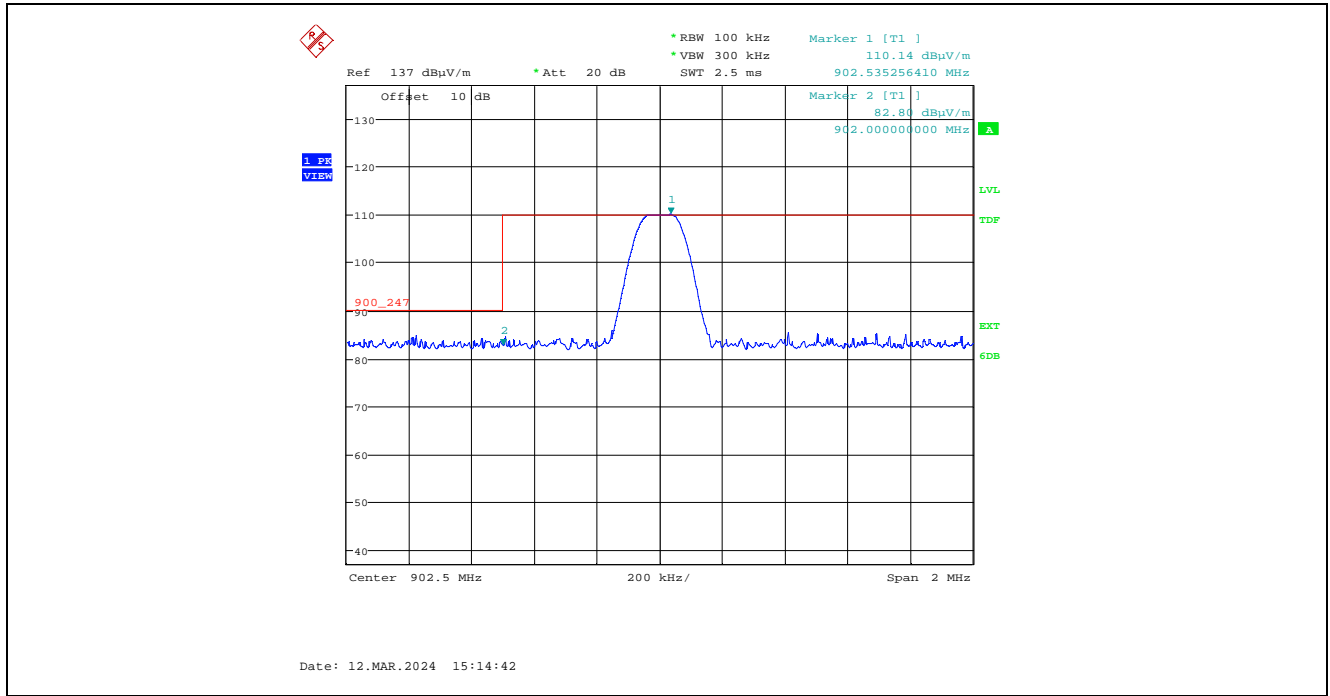
Plot 1.5.2.1. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 10 kbps, Single Frequency Mode, Low End of Frequency Band



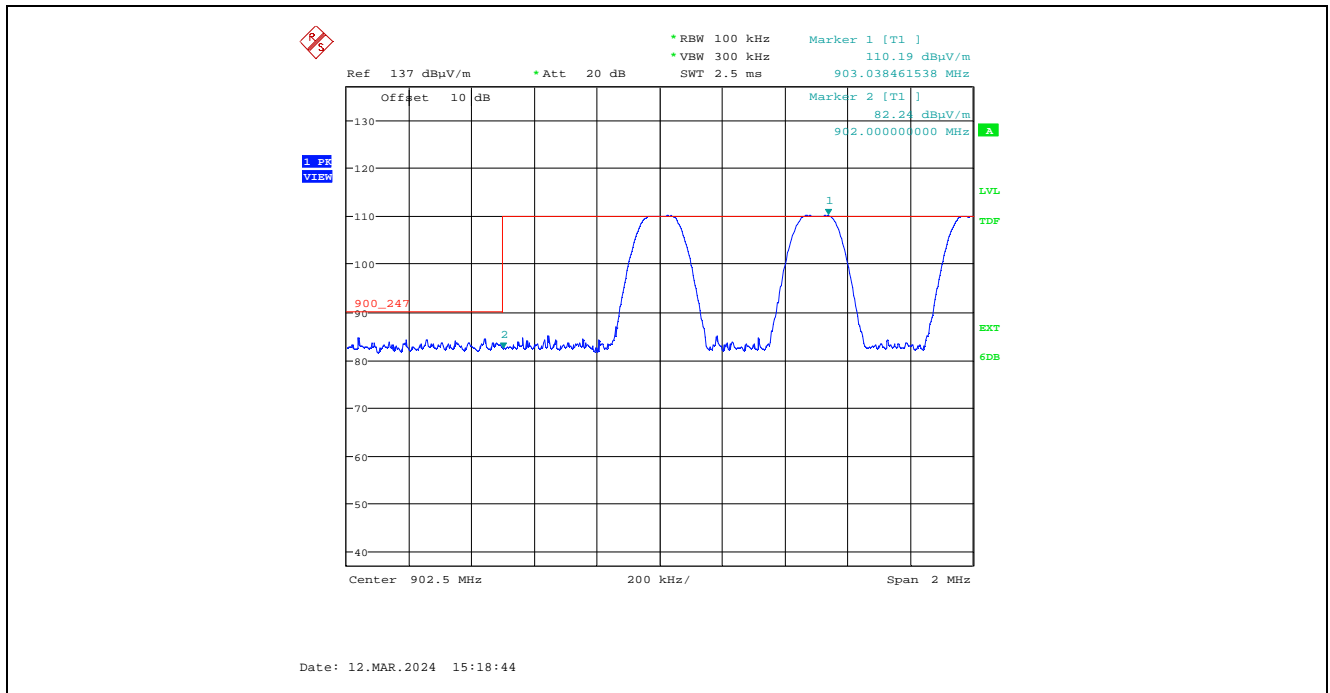
Plot 1.5.2.2. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 10 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



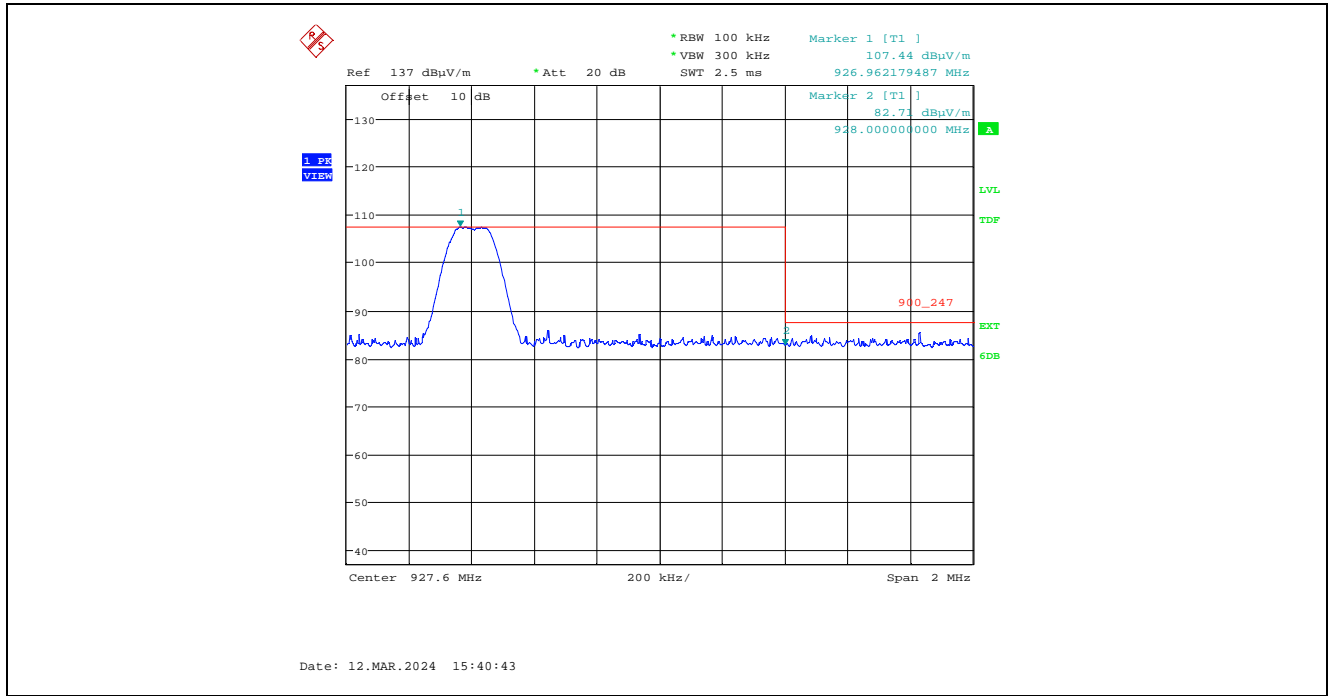
Plot 1.5.2.3. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
10 kbps, Single Frequency Mode, Low End of Frequency Band



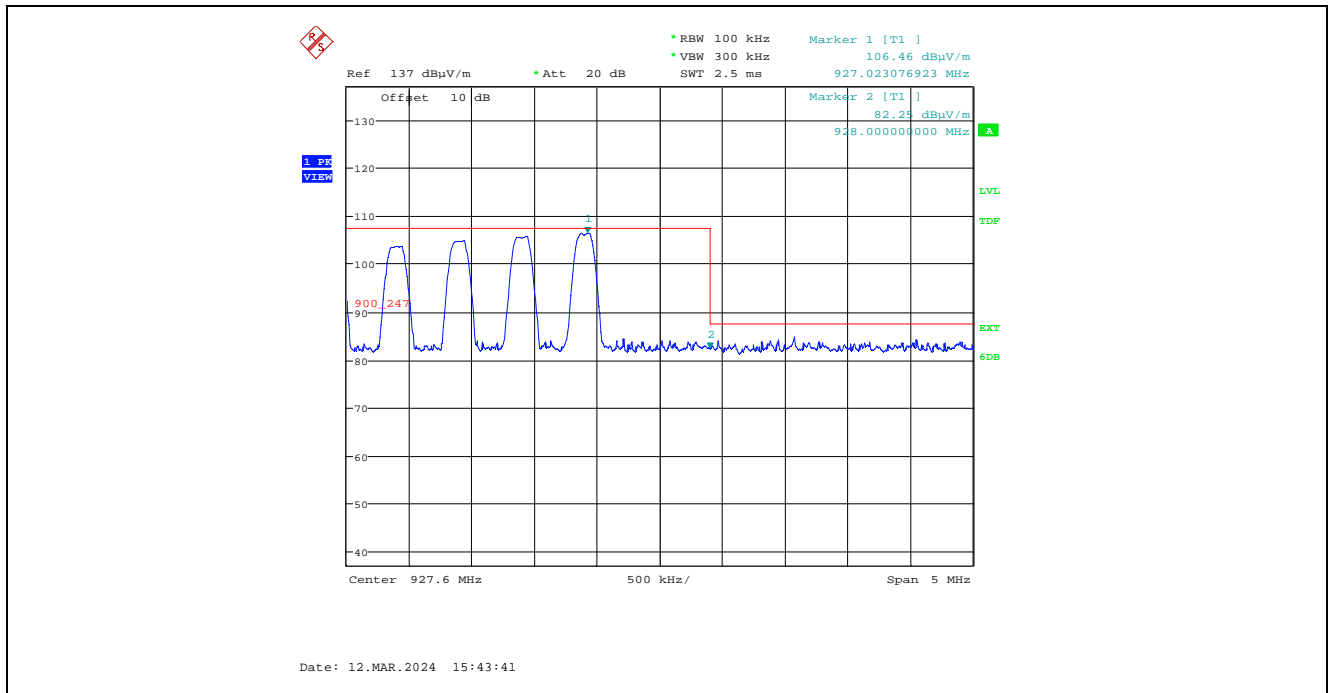
Plot 1.5.2.4. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
10 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



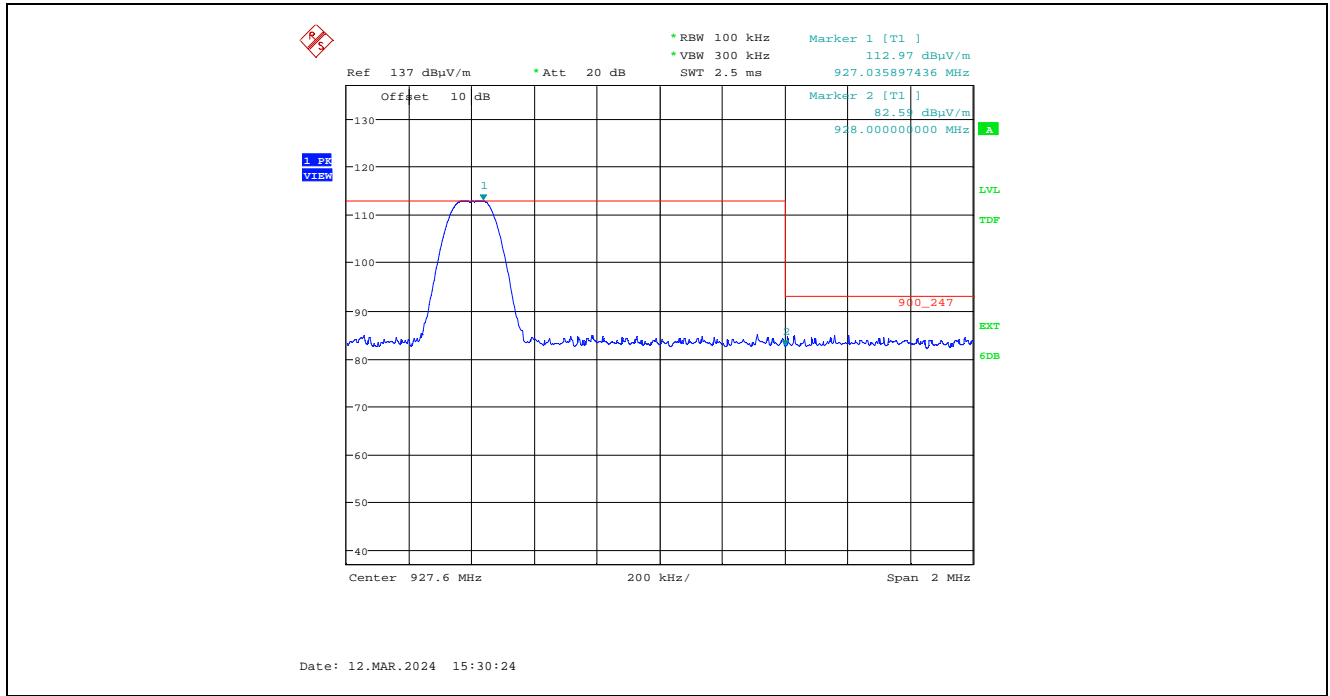
Plot 1.5.2.5. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 10 kbps, Single Frequency Mode, High End of Frequency Band



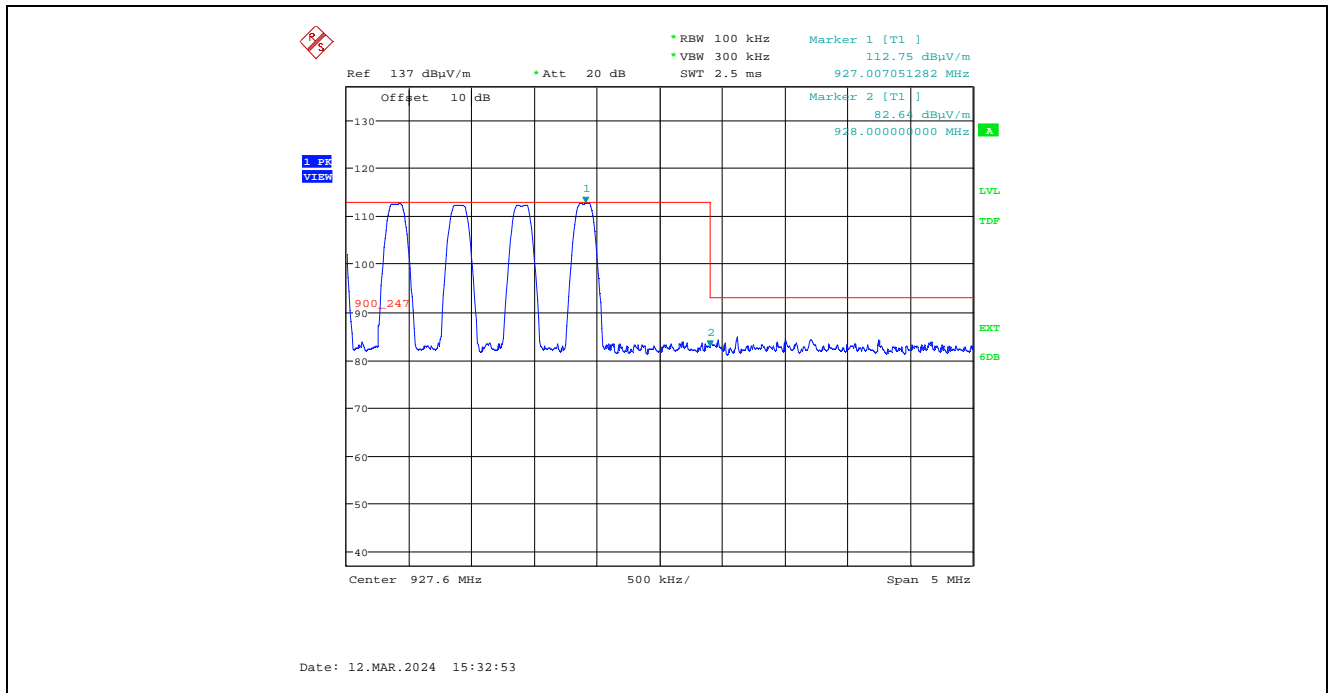
Plot 1.5.2.6. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 10 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



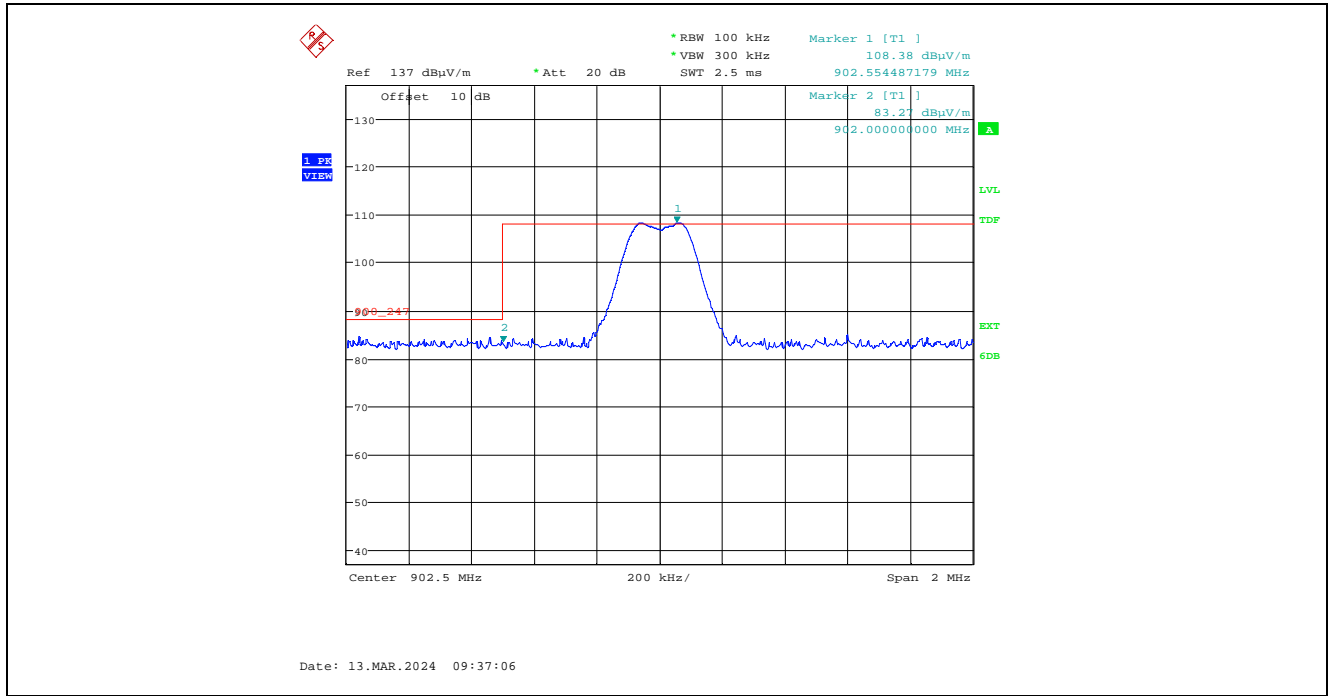
**Plot 1.5.2.7. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 10 kbps, Single Frequency Mode, High End of Frequency Band**



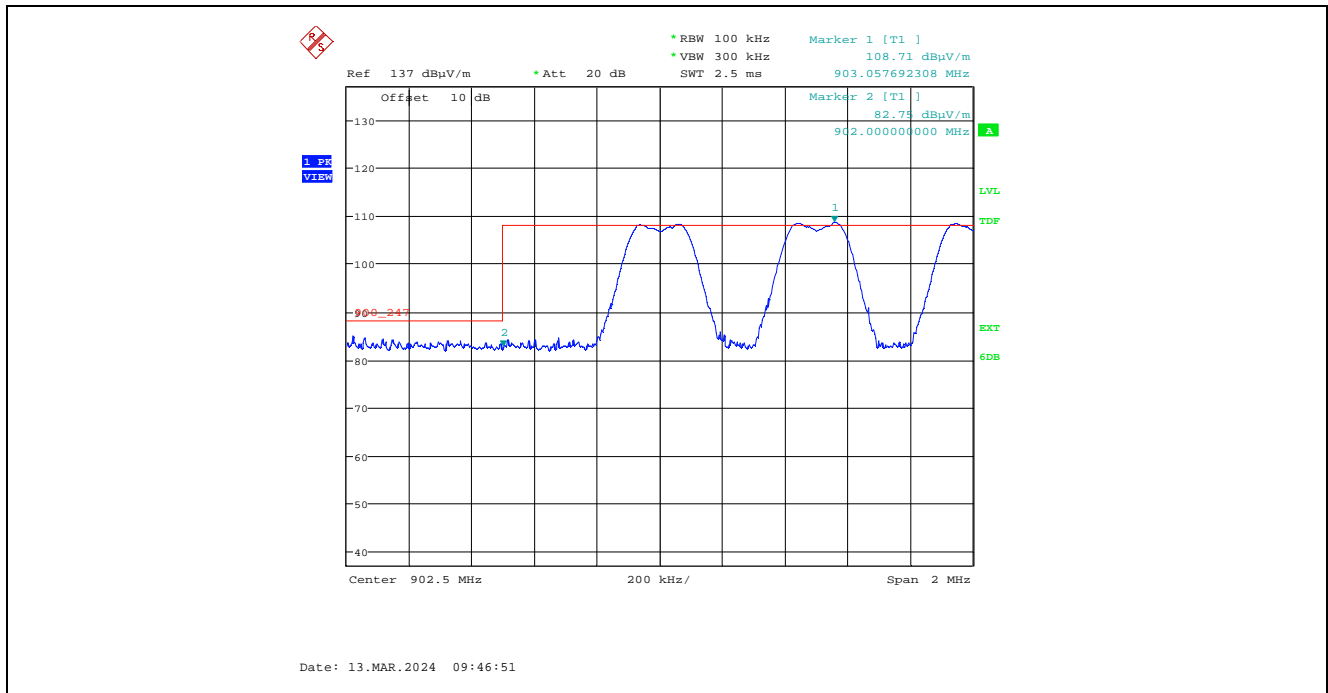
**Plot 1.5.2.8. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 10 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band**



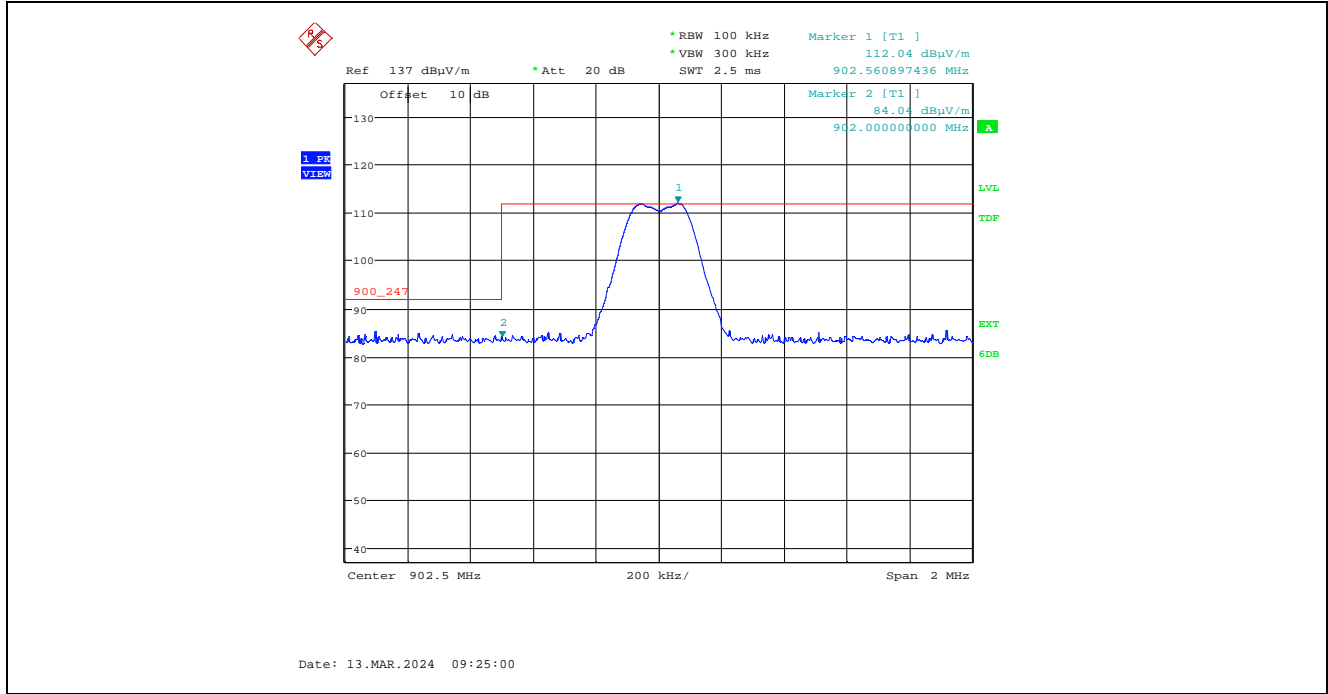
Plot 1.5.2.9. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 110 kbps, Single Frequency Mode, Low End of Frequency Band



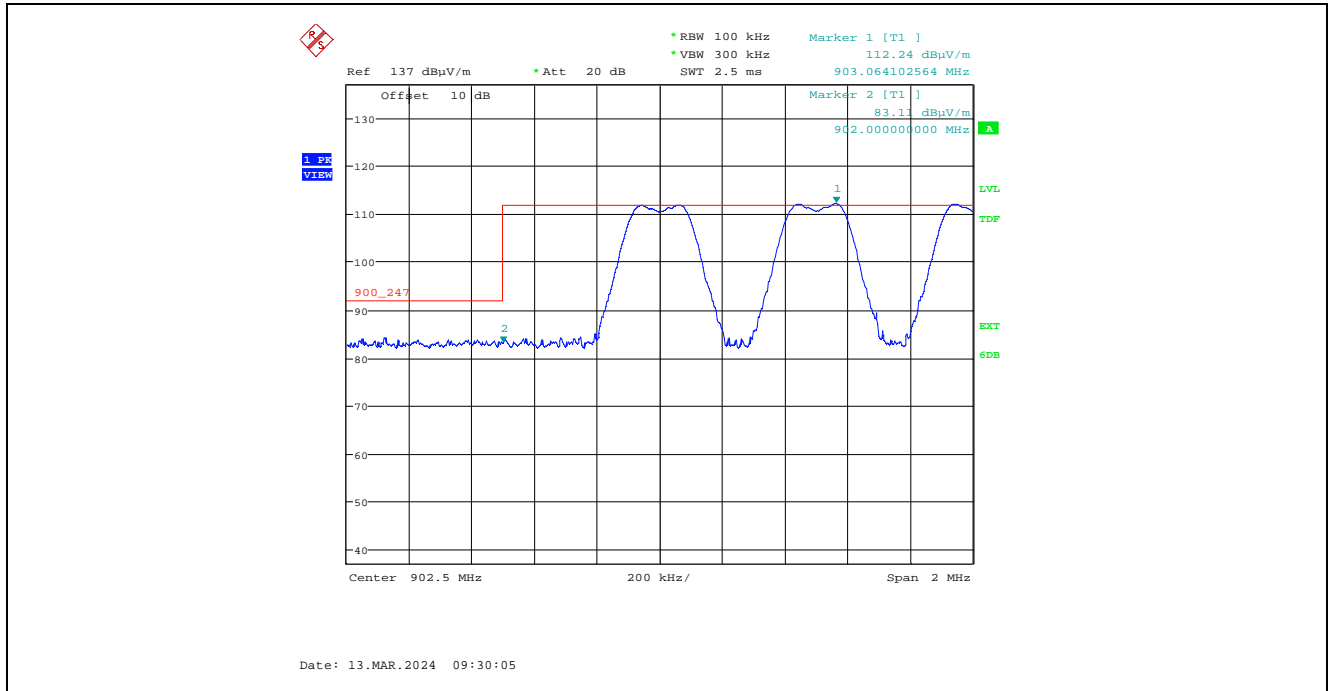
Plot 1.5.2.10. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 110 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



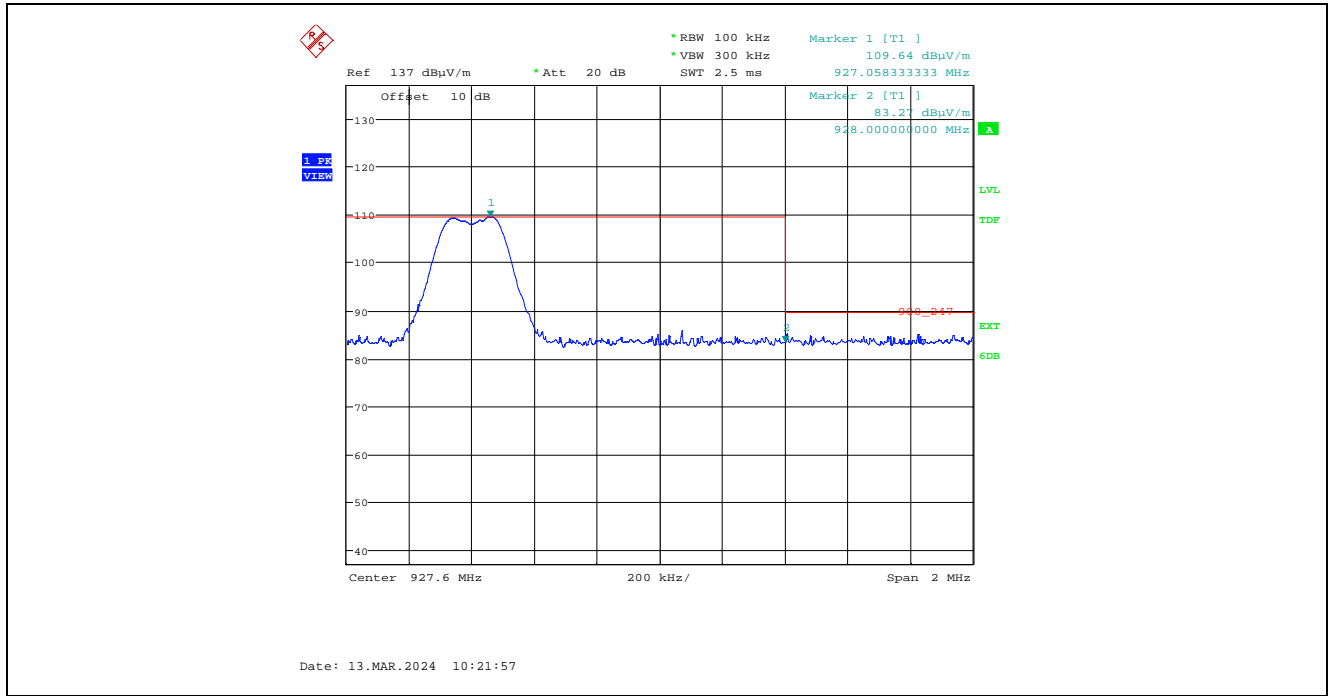
Plot 1.5.2.11. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 110 kbps, Single Frequency Mode, Low End of Frequency Band



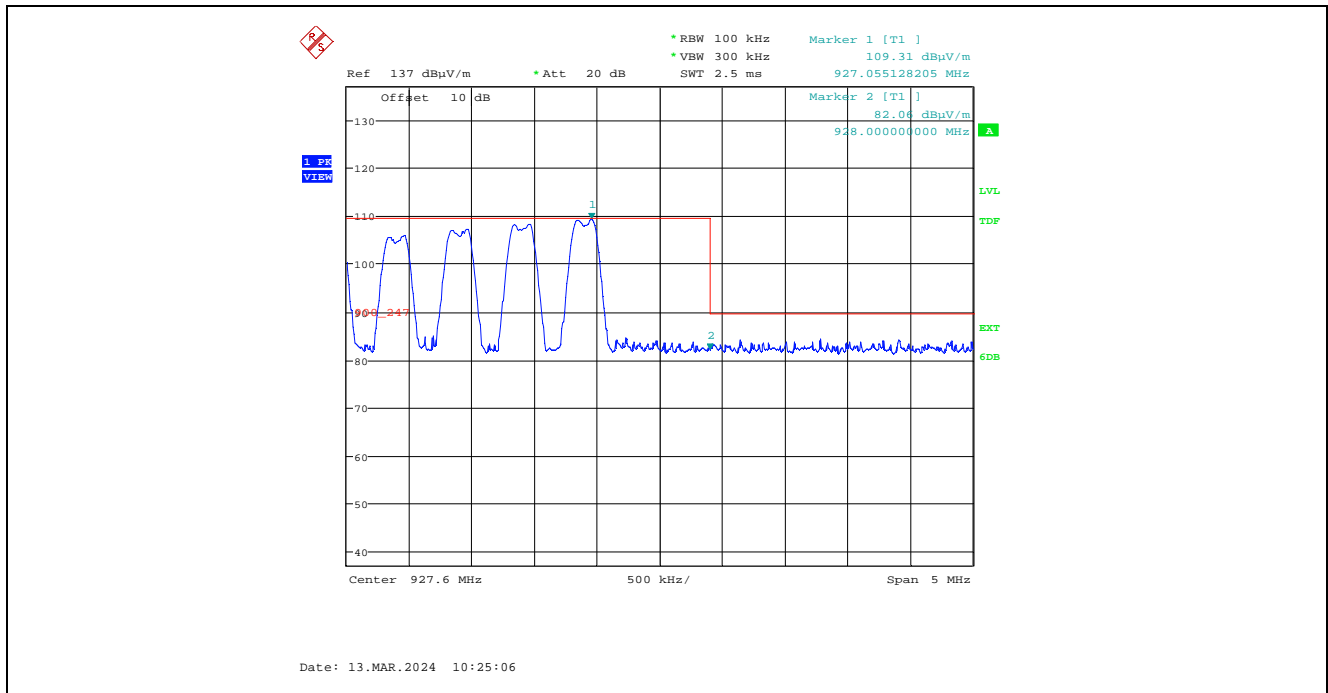
Plot 1.5.2.12. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 110 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



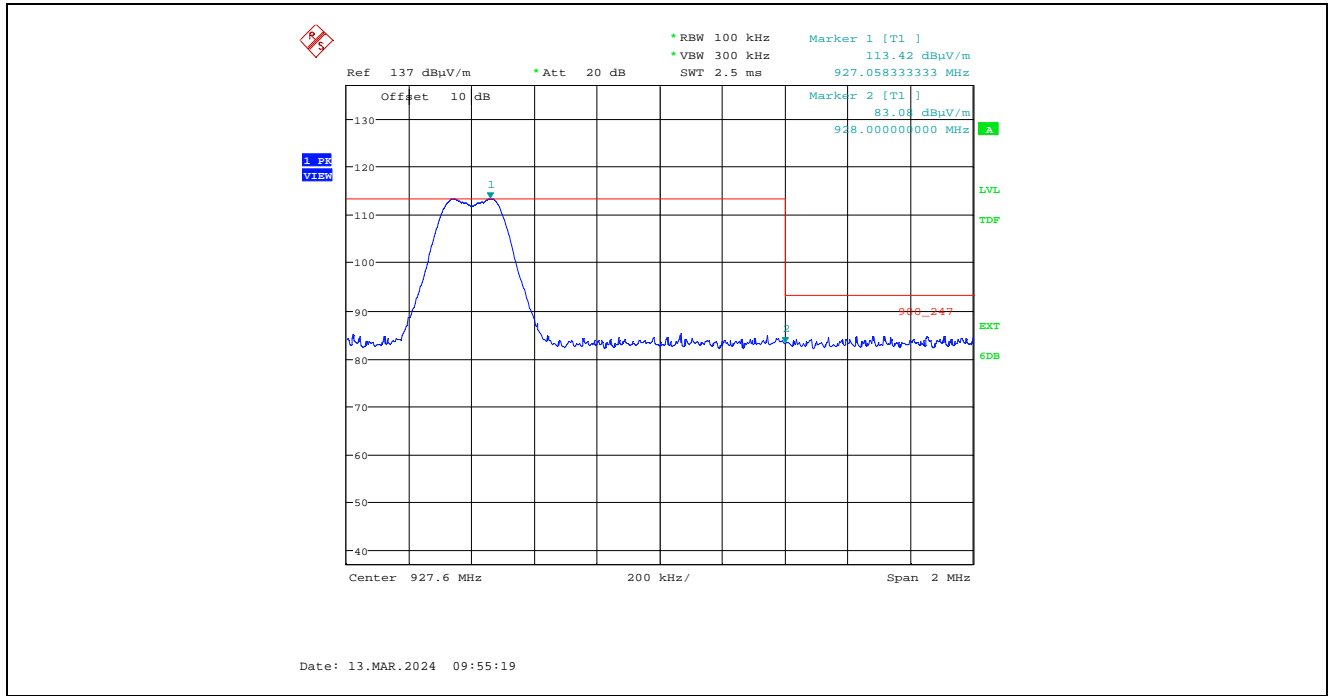
Plot 1.5.2.13. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 110 kbps, Single Frequency Mode, High End of Frequency Band



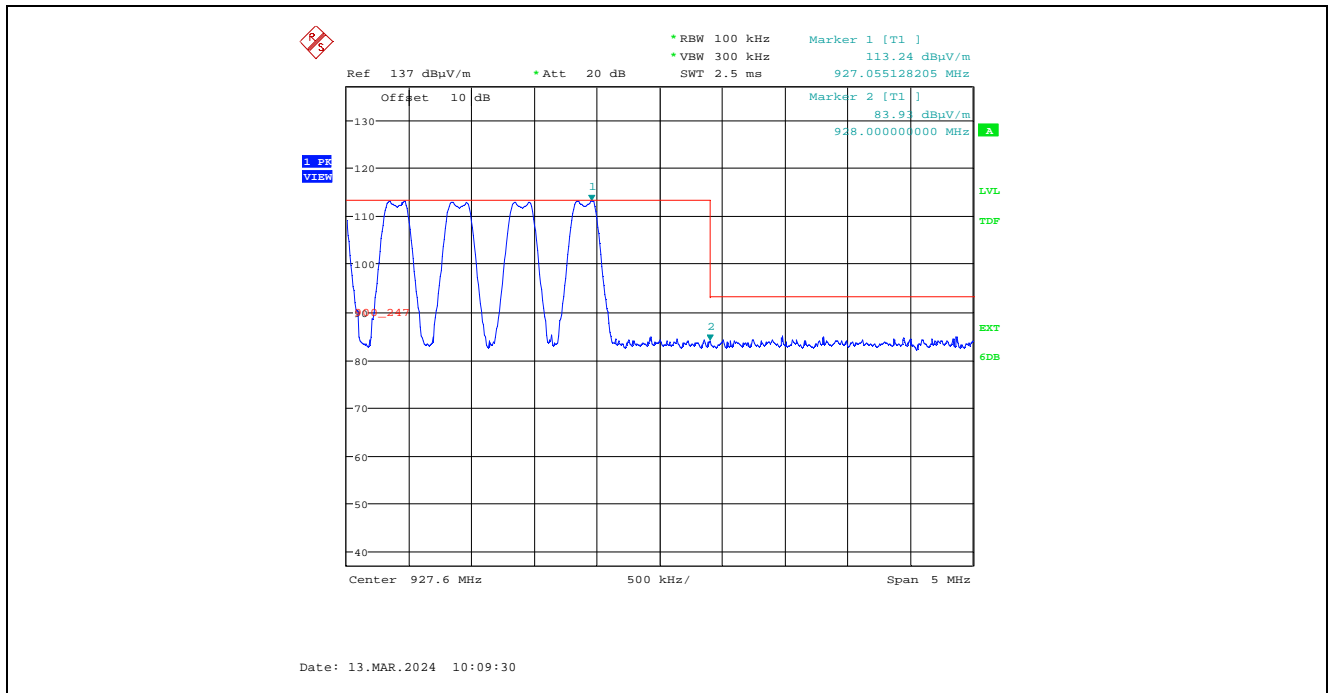
Plot 1.5.2.14. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 110 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



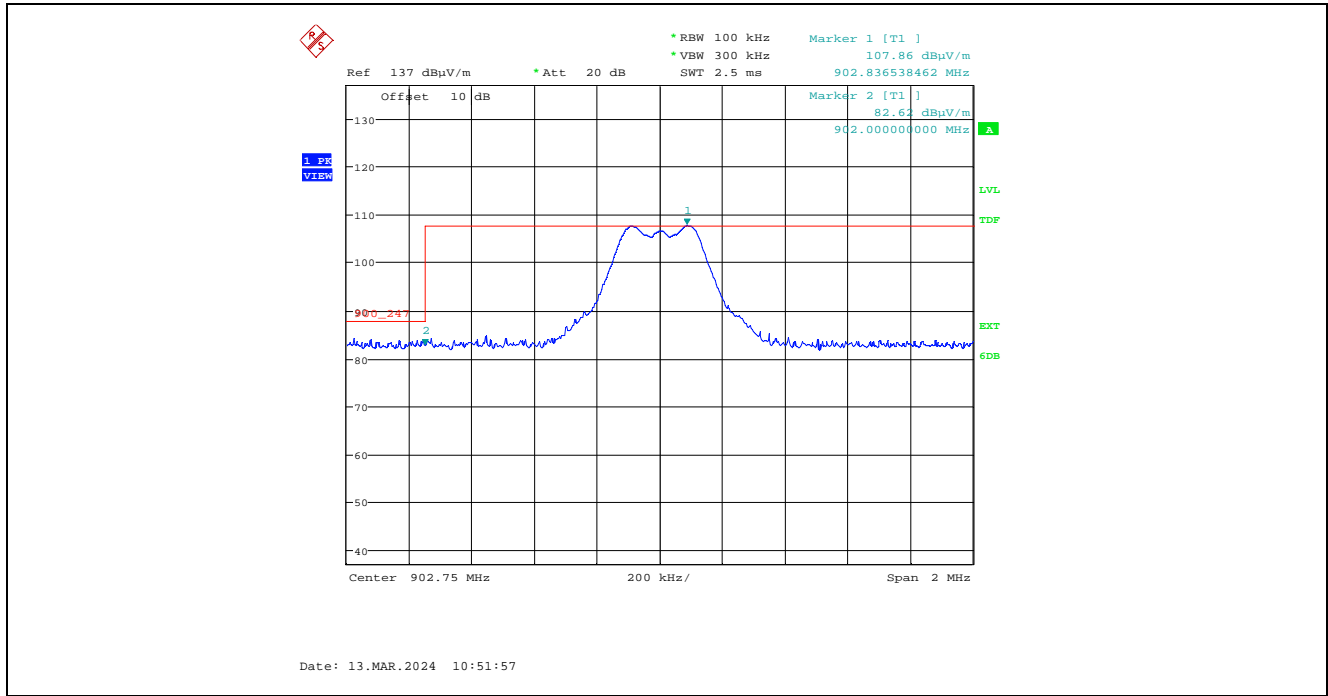
Plot 1.5.2.15. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
110 kbps, Single Frequency Mode, High End of Frequency Band



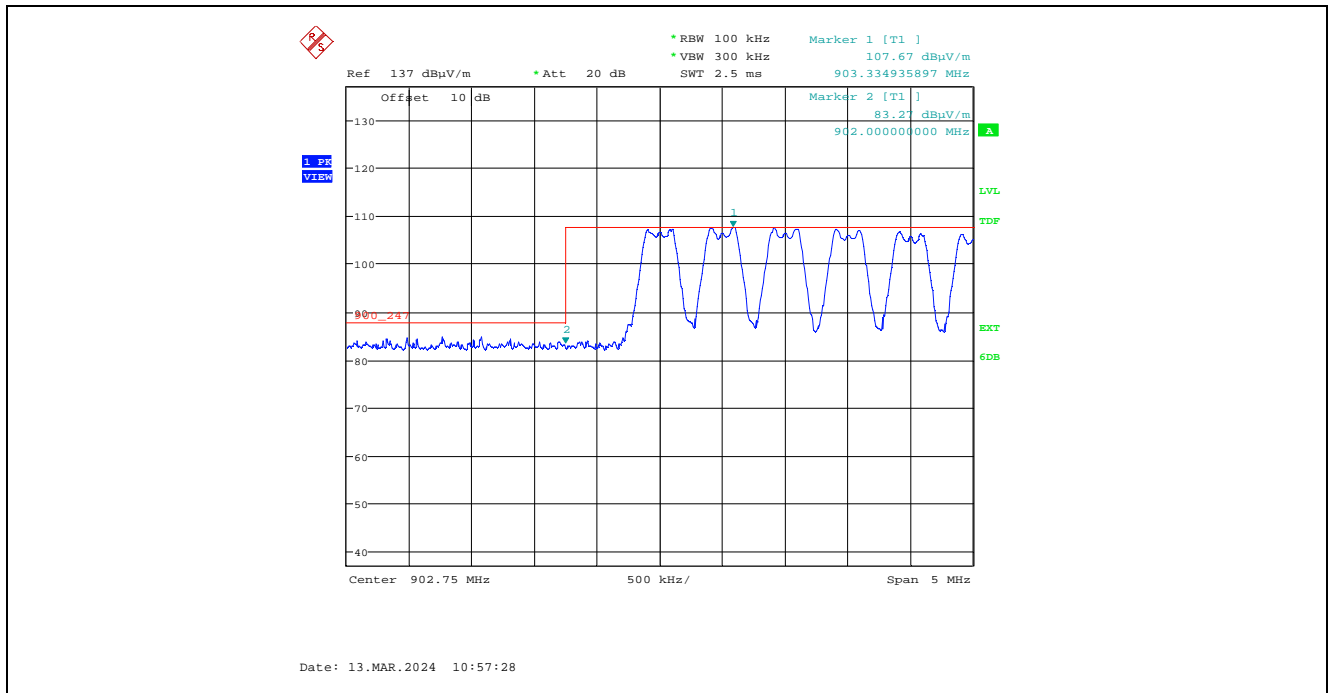
Plot 1.5.2.16. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
110 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



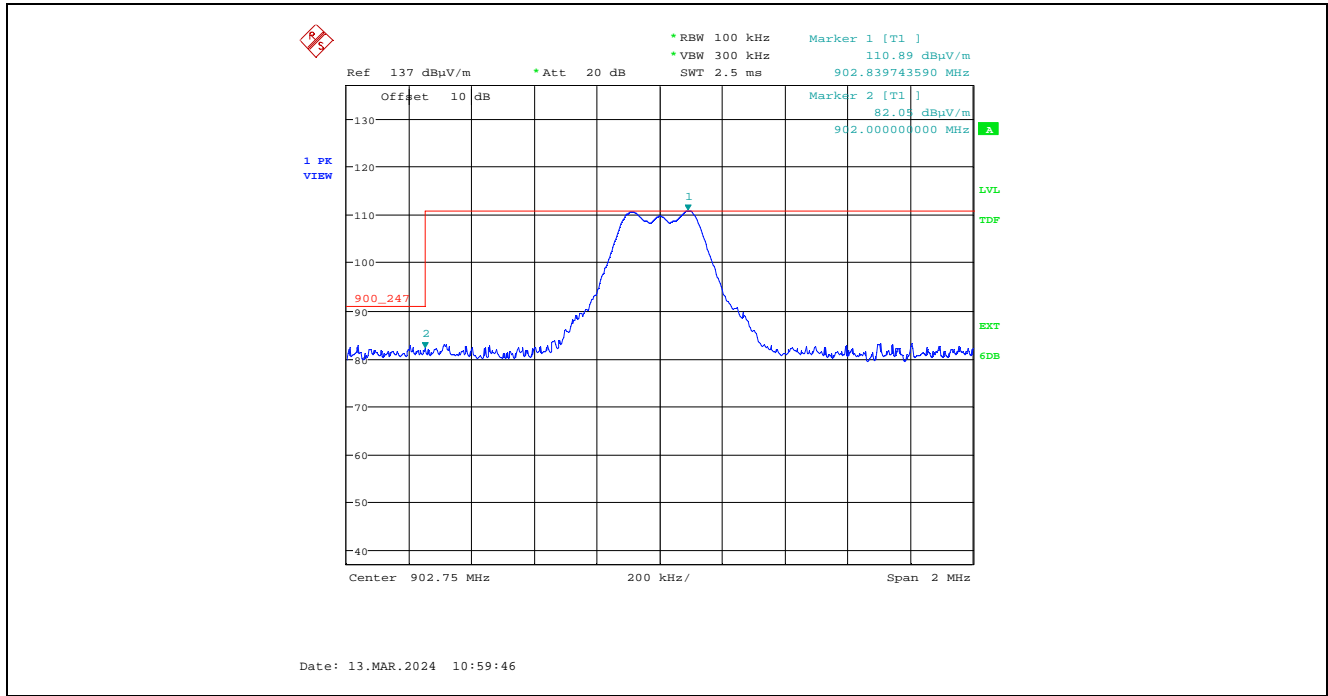
Plot 1.5.2.17. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 250 kbps, Single Frequency Mode, Low End of Frequency Band



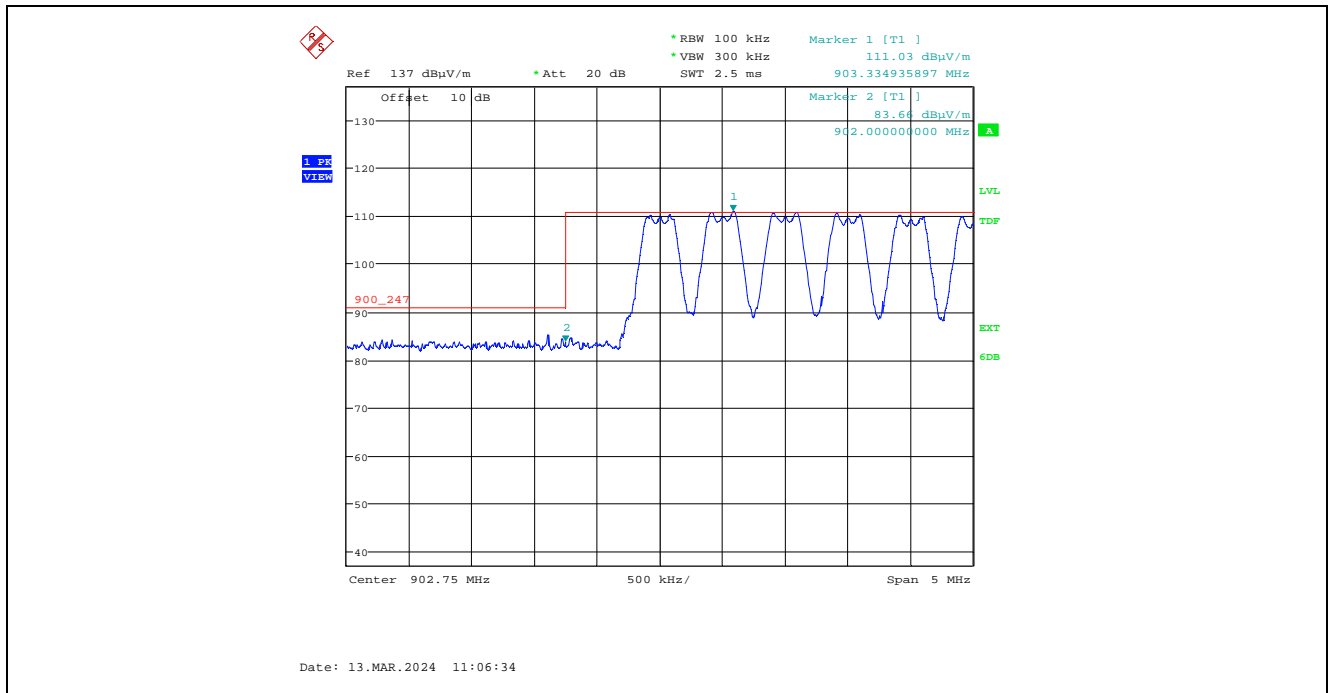
Plot 1.5.2.18. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 250 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



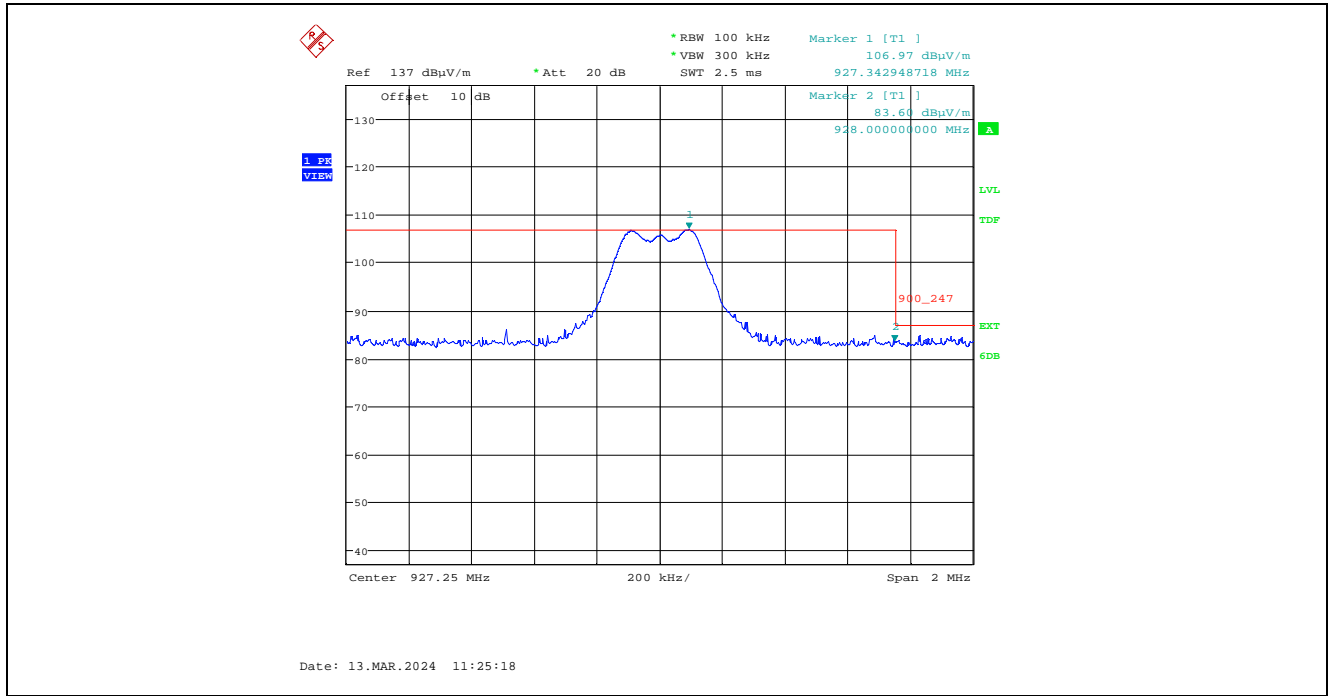
Plot 1.5.2.19. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 250 kbps, Single Frequency Mode, Low End of Frequency Band



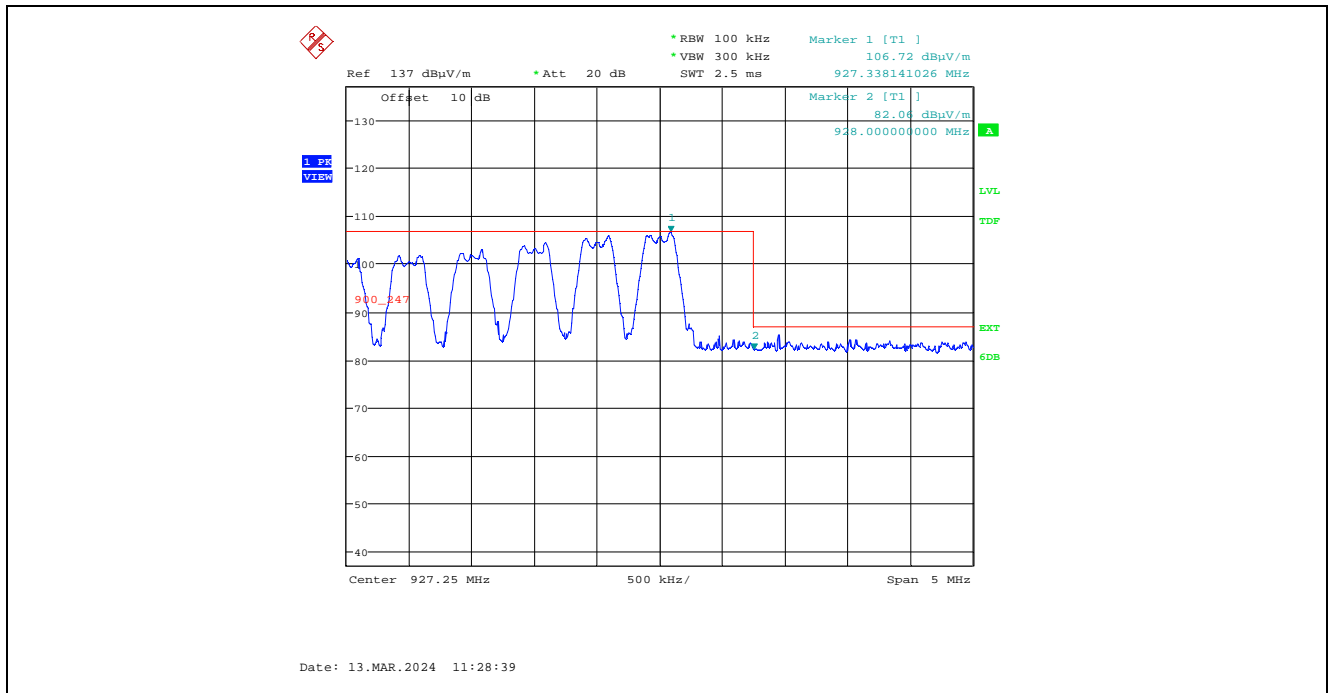
Plot 1.5.2.20. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 250 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



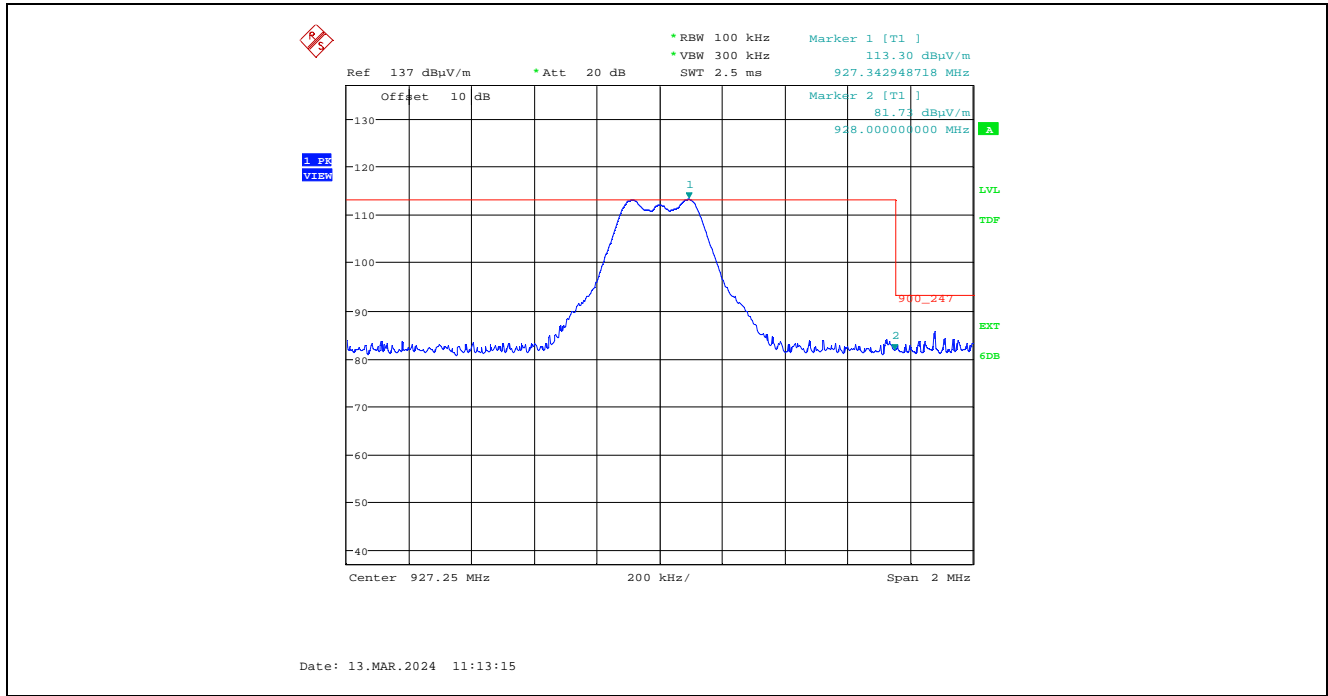
Plot 1.5.2.21. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
250 kbps, Single Frequency Mode, High End of Frequency Band



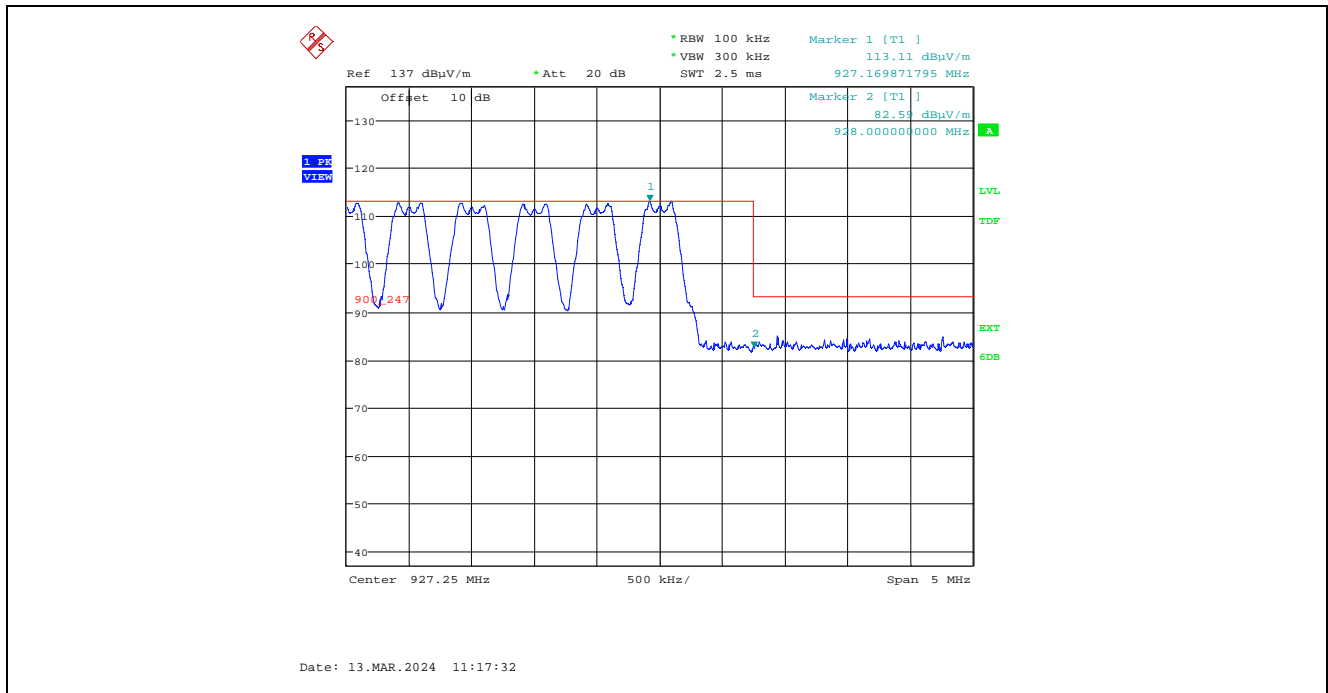
Plot 1.5.2.22. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
250 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



Plot 1.5.2.23. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 250 kbps, Single Frequency Mode, High End of Frequency Band



Plot 1.5.2.24. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 250 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



1.6. EUT with 3 dBi Phantom (Dome) Antenna, 2.38 dBi Antenna Assembly Gain, 110 kbps Data Rate

1.6.1. Spurious Radiated Emissions

| Fundamental Frequency: | | 902.5 MHz | | | | | |
|--|------------------------|-----------------------|---------------------|-----------------------|-----------------------|-------------|-----------|
| Power Setting: | | High | | | | | |
| Frequency Test Range: | | 30 MHz – 10 GHz | | | | | |
| Frequency (MHz) | RF Peak Level (dBµV/m) | RF Avg Level (dBµV/m) | Antenna Plane (H/V) | Limit 15.209 (dBµV/m) | Limit 15.247 (dBµV/m) | Margin (dB) | Pass/Fail |
| 902.5 | 114.87 | -- | V | -- | -- | -- | -- |
| 902.5 | 111.38 | -- | H | -- | -- | -- | -- |
| 2707.5 | 45.04 | 38.90 | V | 54.0 | 94.9 | -15.1 | Pass* |
| 2707.5 | 49.64 | 46.17 | H | 54.0 | 94.9 | -7.8 | Pass* |
| 3610.0 | 47.76 | 41.01 | V | 54.0 | 94.9 | -13.0 | Pass* |
| 3610.0 | 51.03 | 46.03 | H | 54.0 | 94.9 | -8.0 | Pass* |
| 4512.5 | 45.69 | 35.06 | V | 54.0 | 94.9 | -18.9 | Pass* |
| 4512.5 | 46.78 | 36.77 | H | 54.0 | 94.9 | -17.2 | Pass* |
| All other spurious emissions and harmonics are more than 20 dB below the applicable limit. | | | | | | | |

*Field strength of emissions appearing within restricted frequency bands shall not exceed the limits in § 15.209.

| Fundamental Frequency: | | 915 MHz | | | | | |
|--|------------------------|-----------------------|---------------------|-----------------------|-----------------------|-------------|-----------|
| Power Setting: | | High | | | | | |
| Frequency Test Range: | | 30 MHz – 10 GHz | | | | | |
| Frequency (MHz) | RF Peak Level (dBµV/m) | RF Avg Level (dBµV/m) | Antenna Plane (H/V) | Limit 15.209 (dBµV/m) | Limit 15.247 (dBµV/m) | Margin (dB) | Pass/Fail |
| 915.0 | 115.22 | -- | V | -- | -- | -- | -- |
| 915.0 | 110.08 | -- | H | -- | -- | -- | -- |
| 2745.0 | 45.83 | 39.75 | V | 54.0 | 95.2 | -14.3 | Pass* |
| 2745.0 | 51.15 | 48.62 | H | 54.0 | 95.2 | -5.4 | Pass* |
| 3660.0 | 47.02 | 39.46 | V | 54.0 | 95.2 | -14.5 | Pass* |
| 3660.0 | 51.22 | 46.76 | H | 54.0 | 95.2 | -7.2 | Pass* |
| All other spurious emissions and harmonics are more than 20 dB below the applicable limit. | | | | | | | |

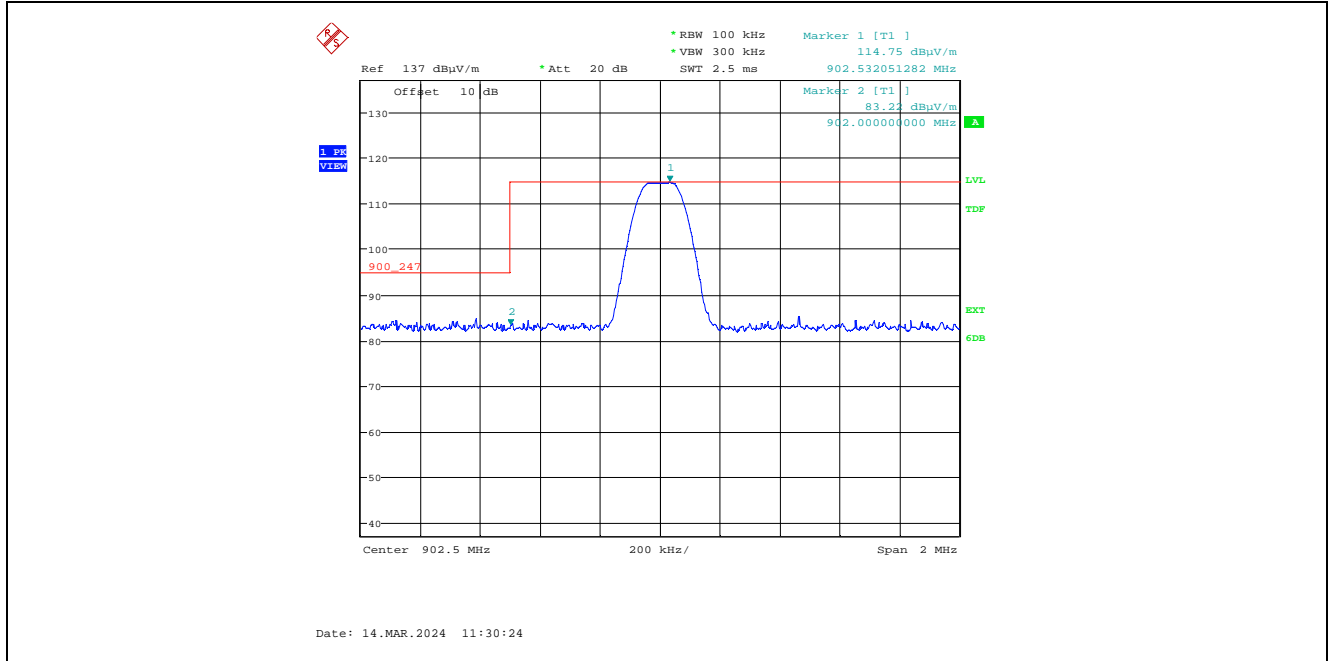
*Field strength of emissions appearing within restricted frequency bands shall not exceed the limits in § 15.209.

| Fundamental Frequency: | | 927 MHz | | | | | |
|--|------------------------|-----------------------|---------------------|-----------------------|-----------------------|-------------|-----------|
| Power Setting: | | High | | | | | |
| Frequency Test Range: | | 30 MHz – 10 GHz | | | | | |
| Frequency (MHz) | RF Peak Level (dBµV/m) | RF Avg Level (dBµV/m) | Antenna Plane (H/V) | Limit 15.209 (dBµV/m) | Limit 15.247 (dBµV/m) | Margin (dB) | Pass/Fail |
| 927.0 | 115.86 | -- | V | -- | -- | -- | -- |
| 927.0 | 108.10 | -- | H | -- | -- | -- | -- |
| 2781.0 | 45.21 | 39.15 | V | 54.0 | 95.9 | -14.9 | Pass* |
| 2781.0 | 52.08 | 49.16 | H | 54.0 | 95.9 | -4.8 | Pass* |
| 3708.0 | 46.05 | 36.41 | V | 54.0 | 95.9 | -17.6 | Pass* |
| 3708.0 | 50.90 | 46.19 | H | 54.0 | 95.9 | -7.8 | Pass* |
| All other spurious emissions and harmonics are more than 20 dB below the applicable limit. | | | | | | | |

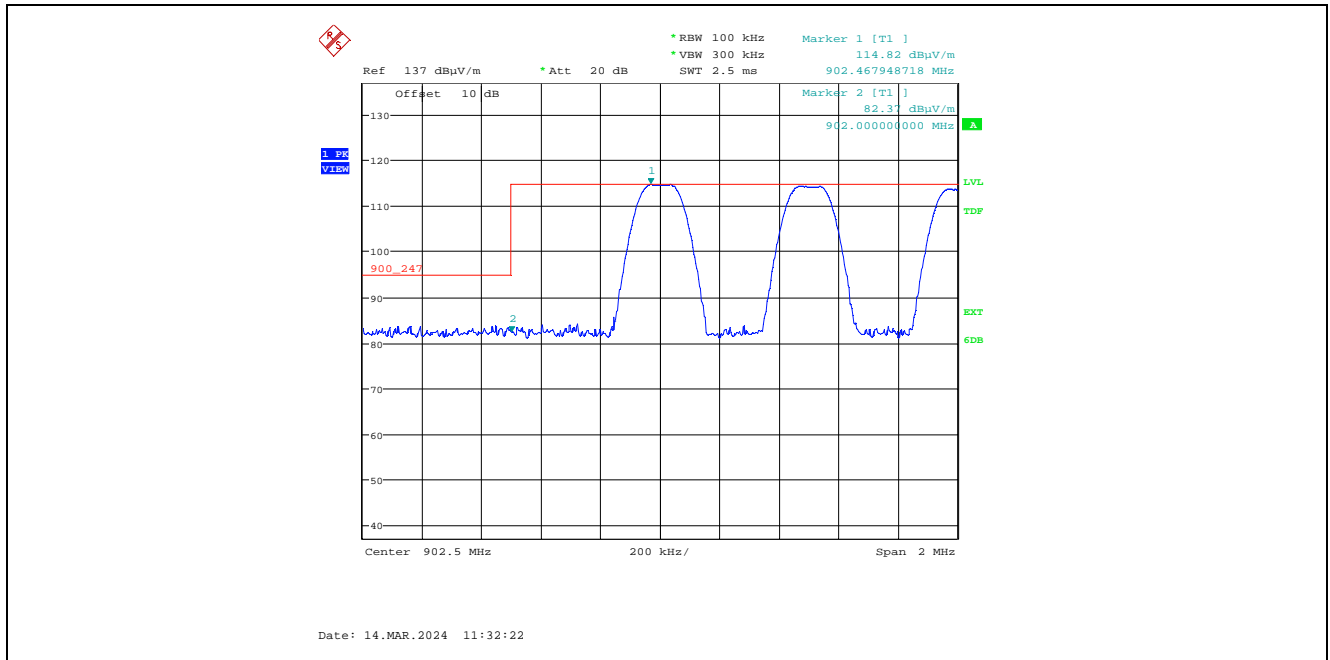
*Field strength of emissions appearing within restricted frequency bands shall not exceed the limits in § 15.209.

1.6.2. Band –Edge RF Radiated Emissions

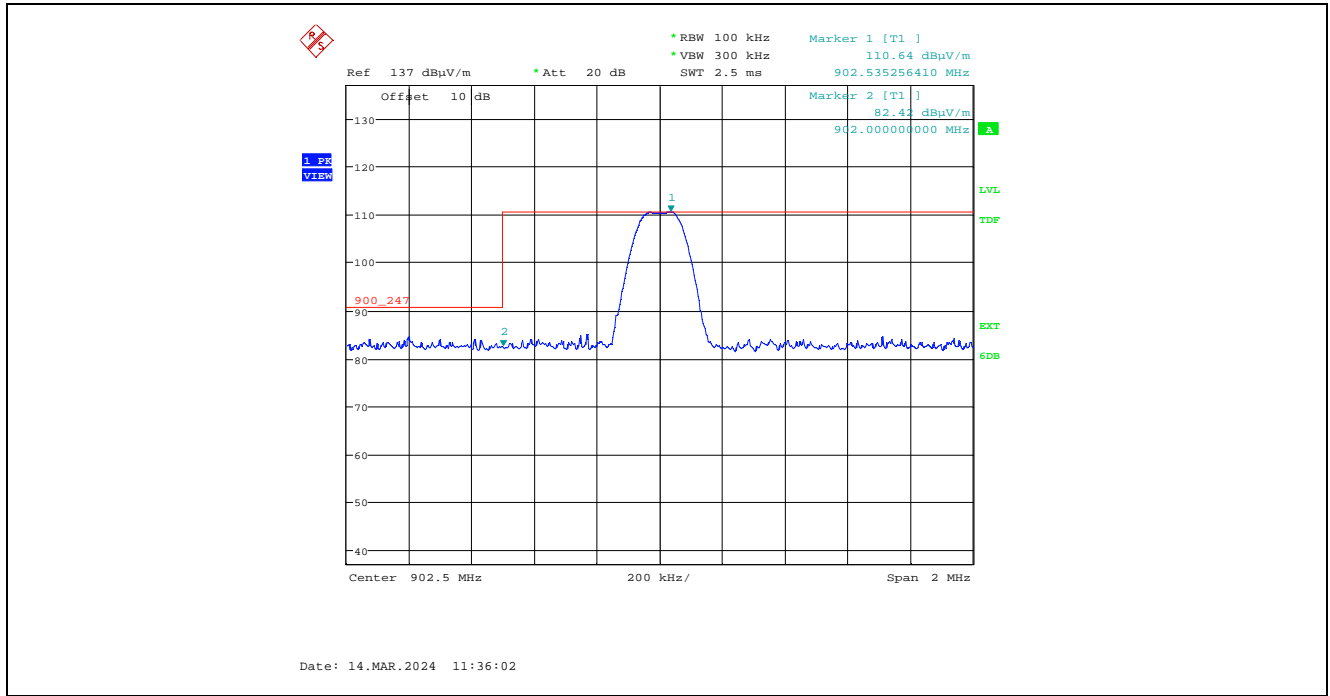
Plot 1.6.2.1. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 10 kbps, Single Frequency Mode, Low End of Frequency Band



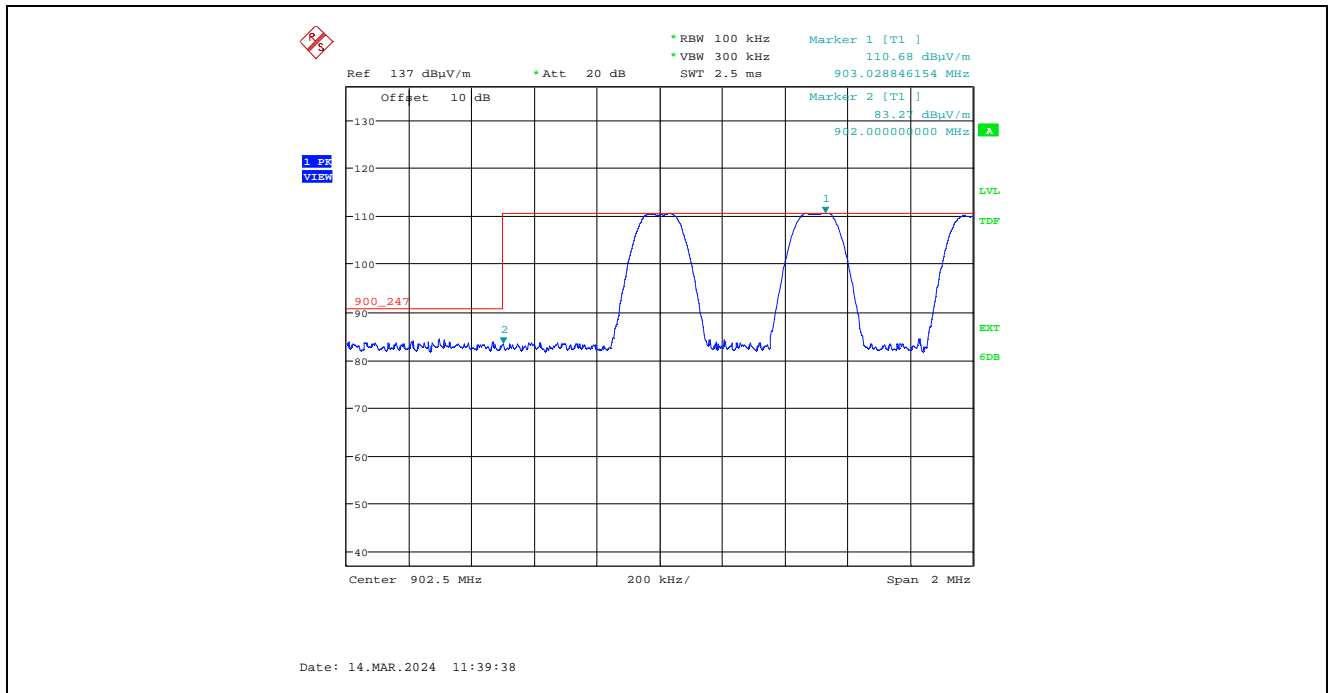
Plot 1.6.2.2. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 10 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



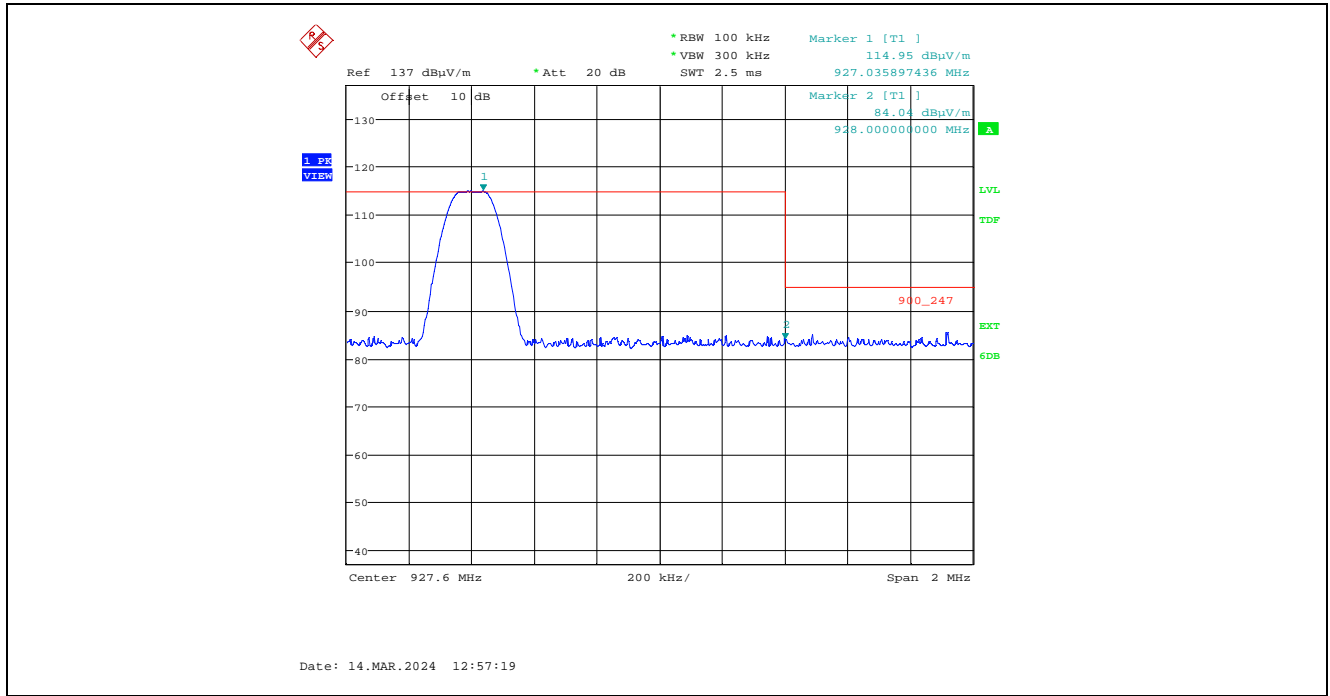
Plot 1.6.2.3. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
10 kbps, Single Frequency Mode, Low End of Frequency Band



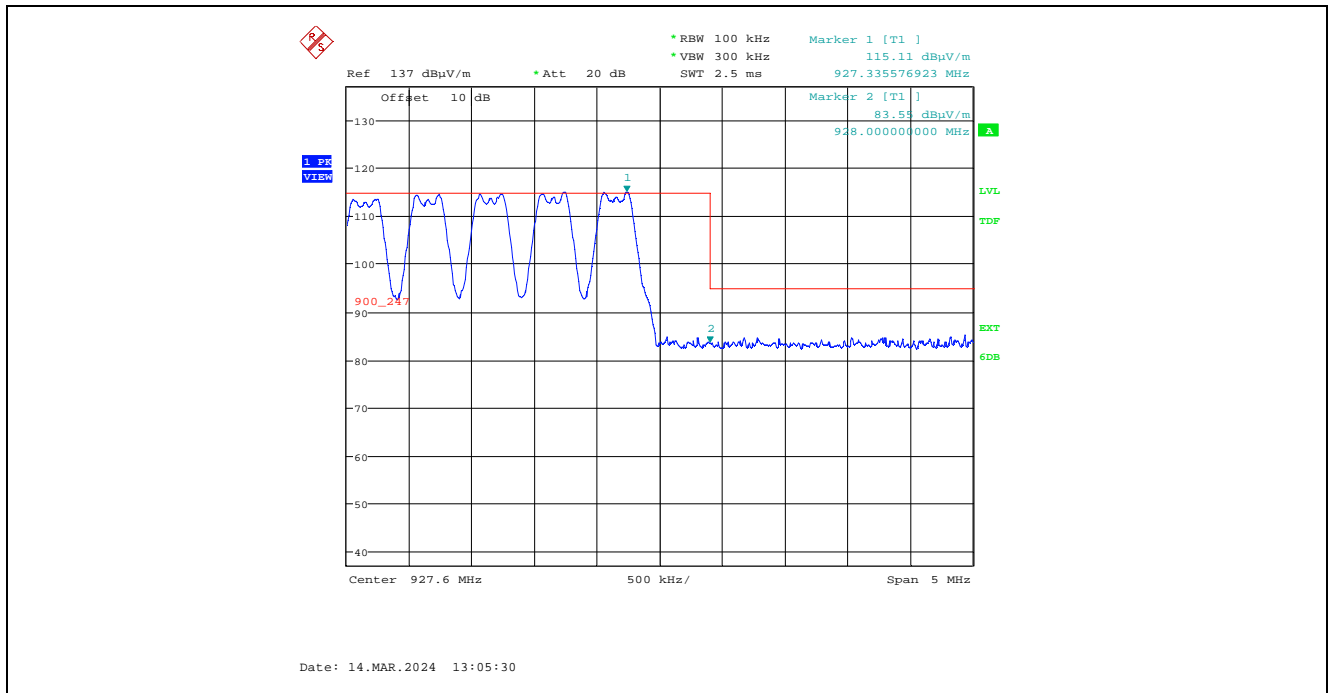
Plot 1.6.2.4. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
10 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



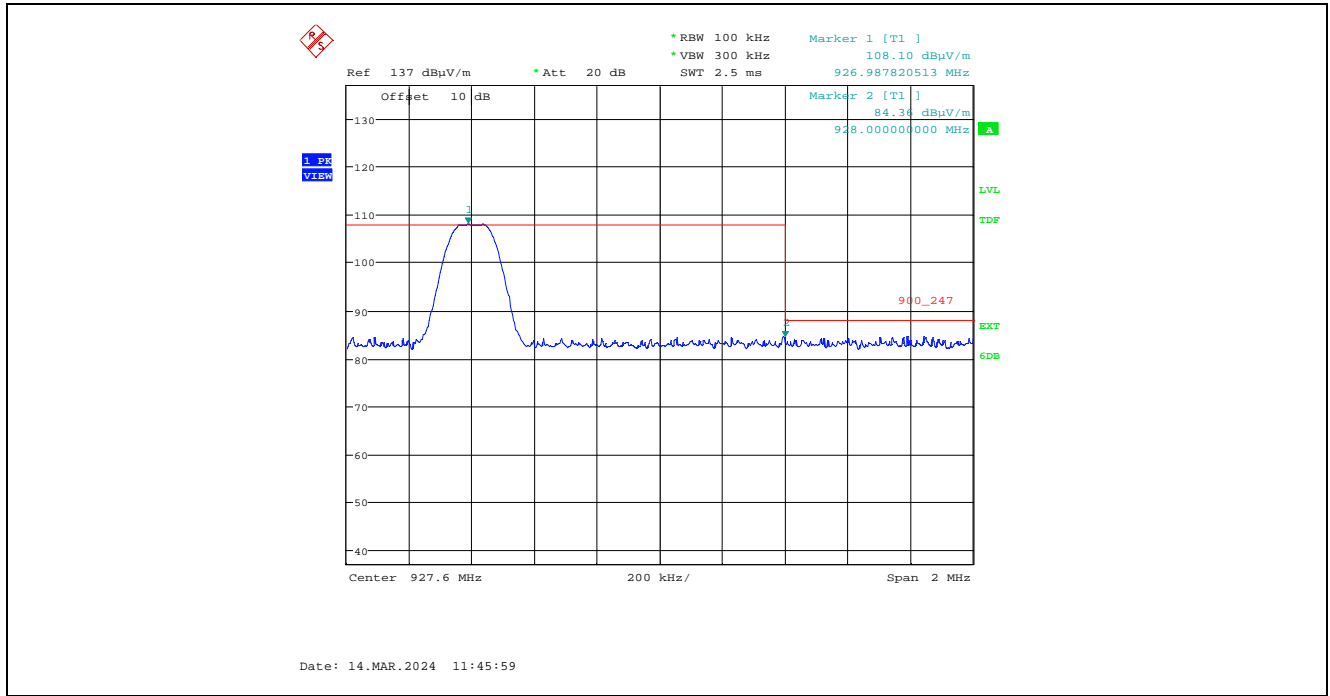
Plot 1.6.2.5. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 10 kbps, Single Frequency Mode, High End of Frequency Band



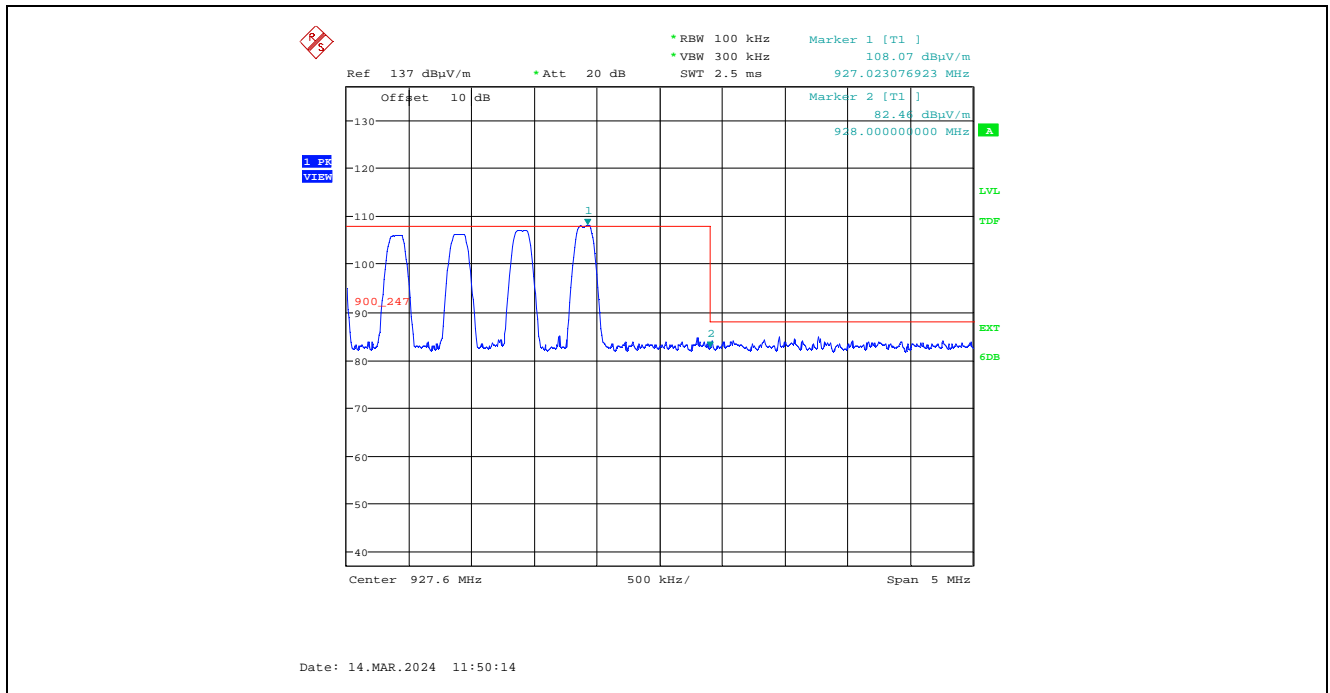
Plot 1.6.2.6. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 10 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



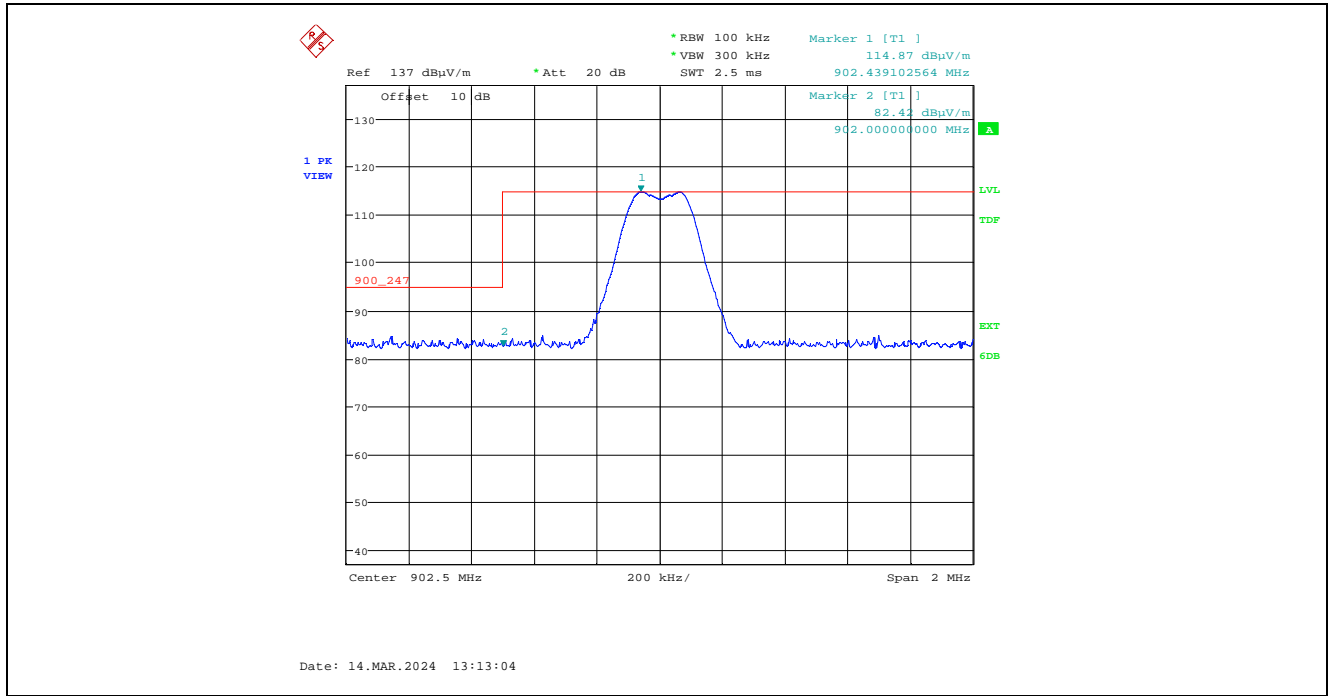
**Plot 1.6.2.7. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 10 kbps, Single Frequency Mode, High End of Frequency Band**



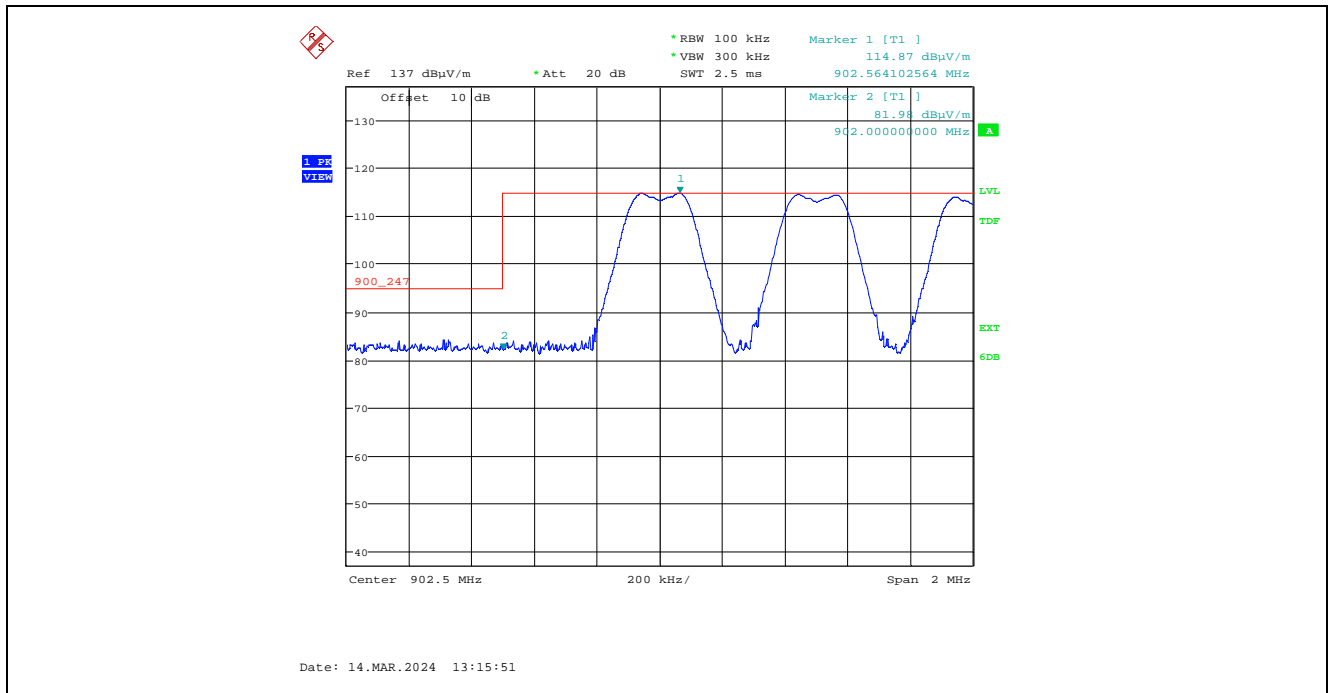
**Plot 1.6.2.8. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 10 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band**



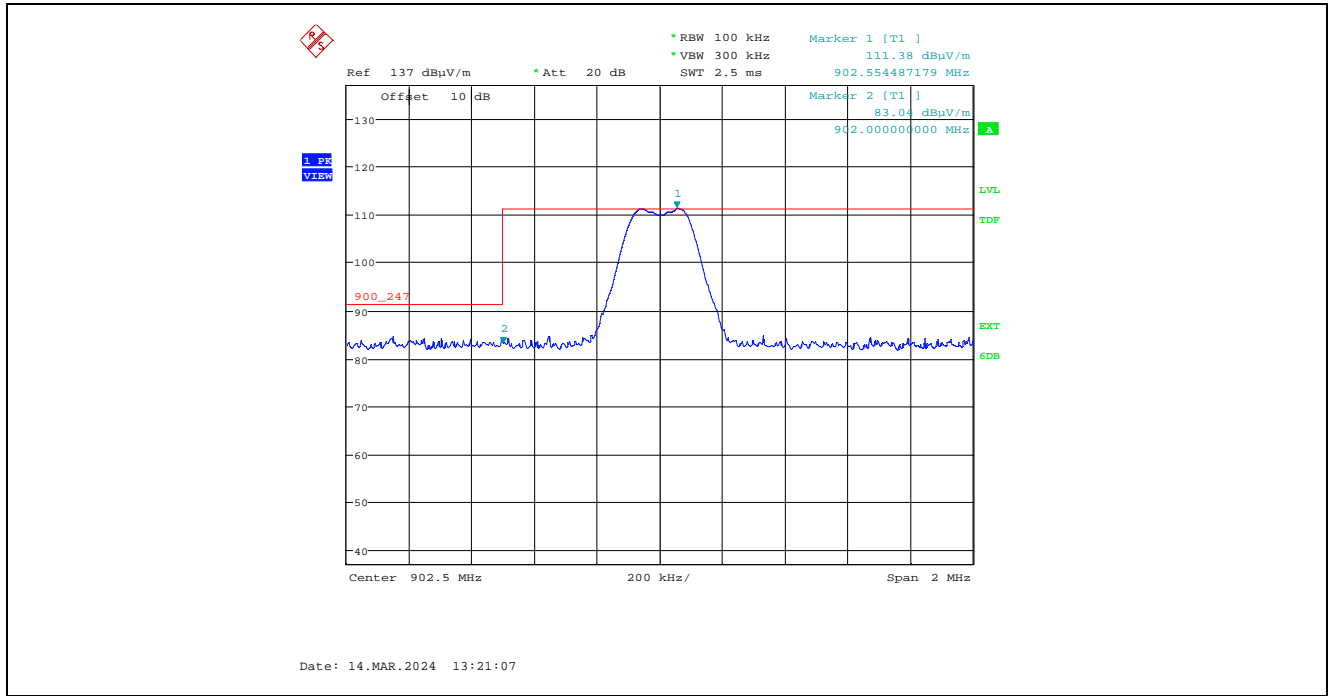
Plot 1.6.2.9. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 110 kbps, Single Frequency Mode, Low End of Frequency Band



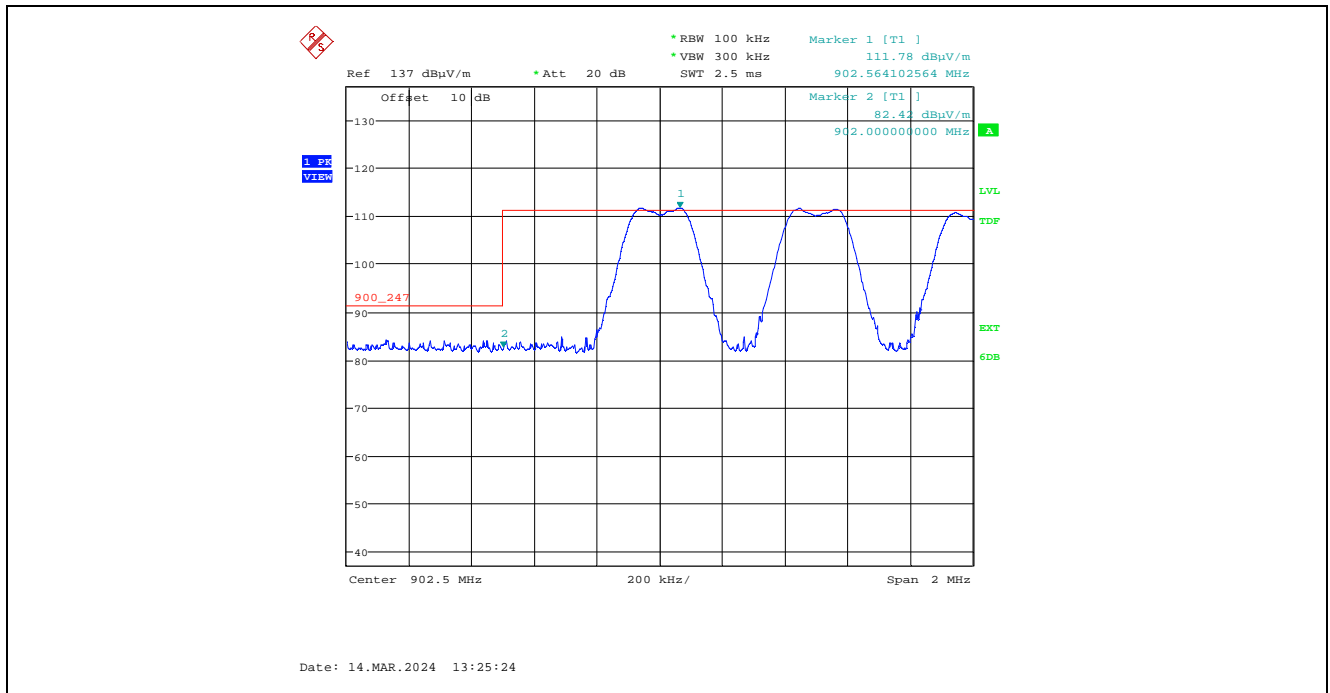
Plot 1.6.2.10. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 110 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



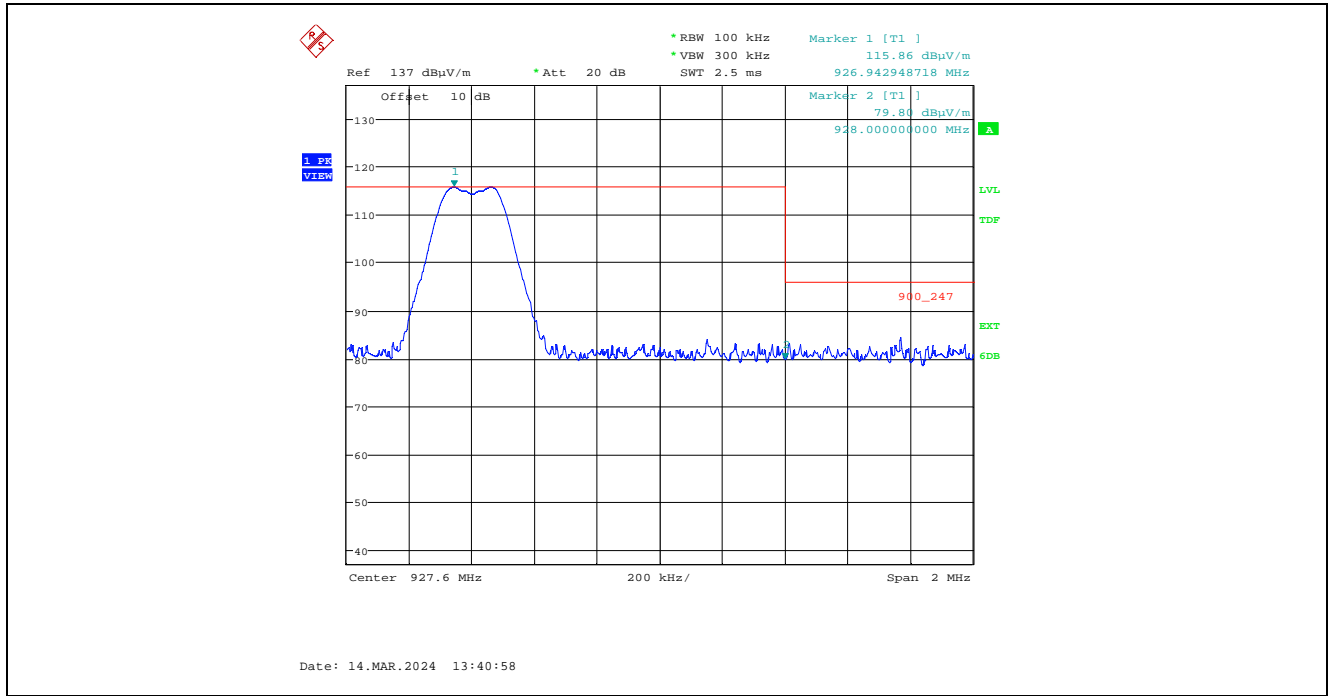
Plot 1.6.2.11. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
110 kbps, Single Frequency Mode, Low End of Frequency Band



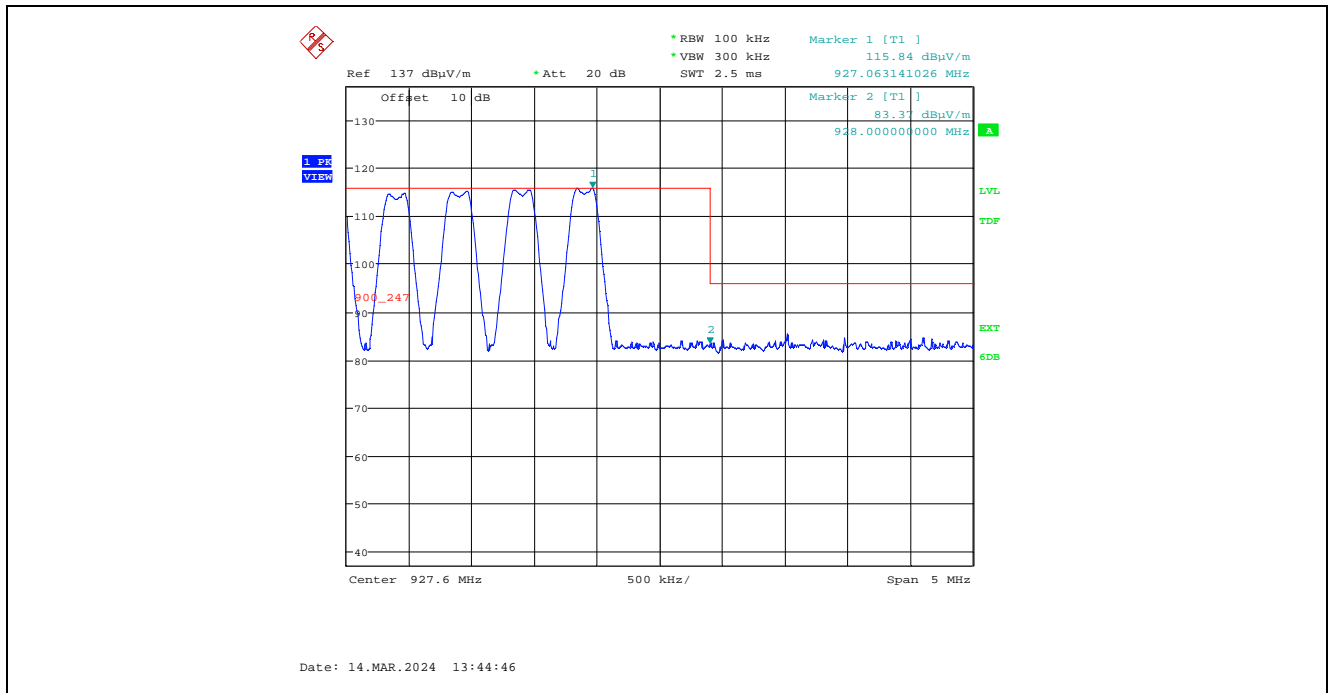
Plot 1.6.2.12. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
110 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



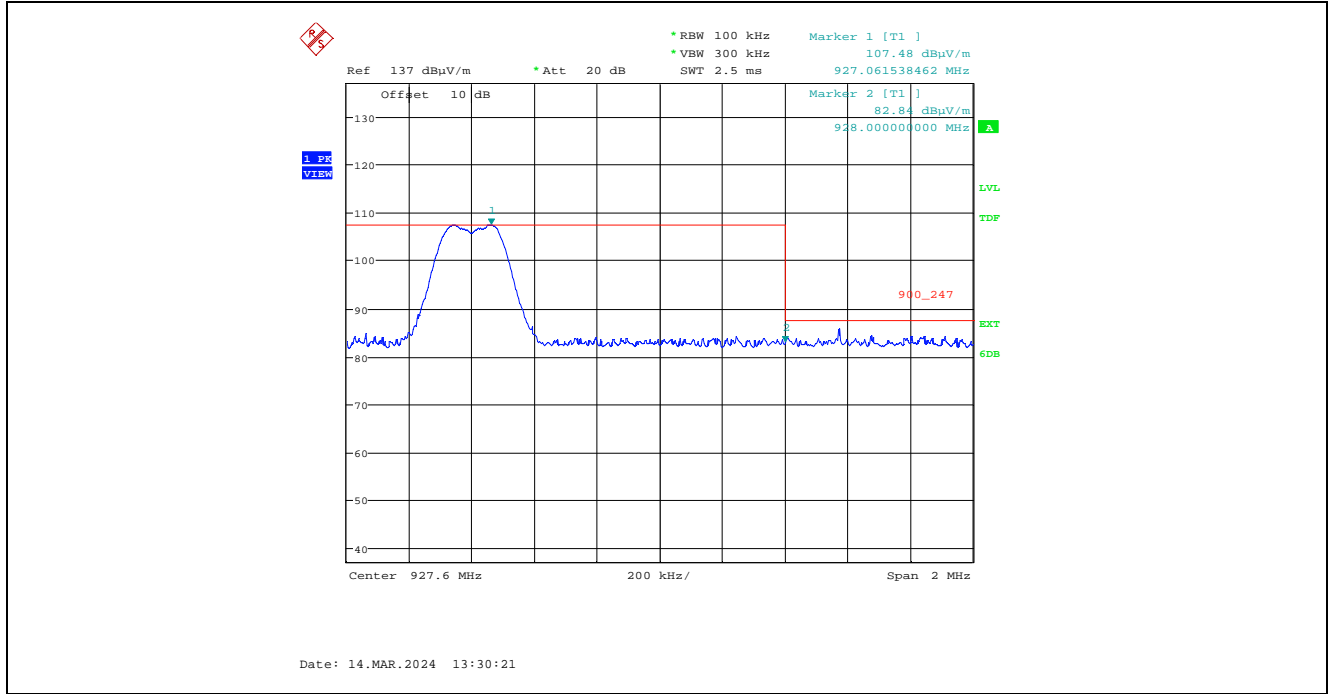
Plot 1.6.2.13. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 110 kbps, Single Frequency Mode, High End of Frequency Band



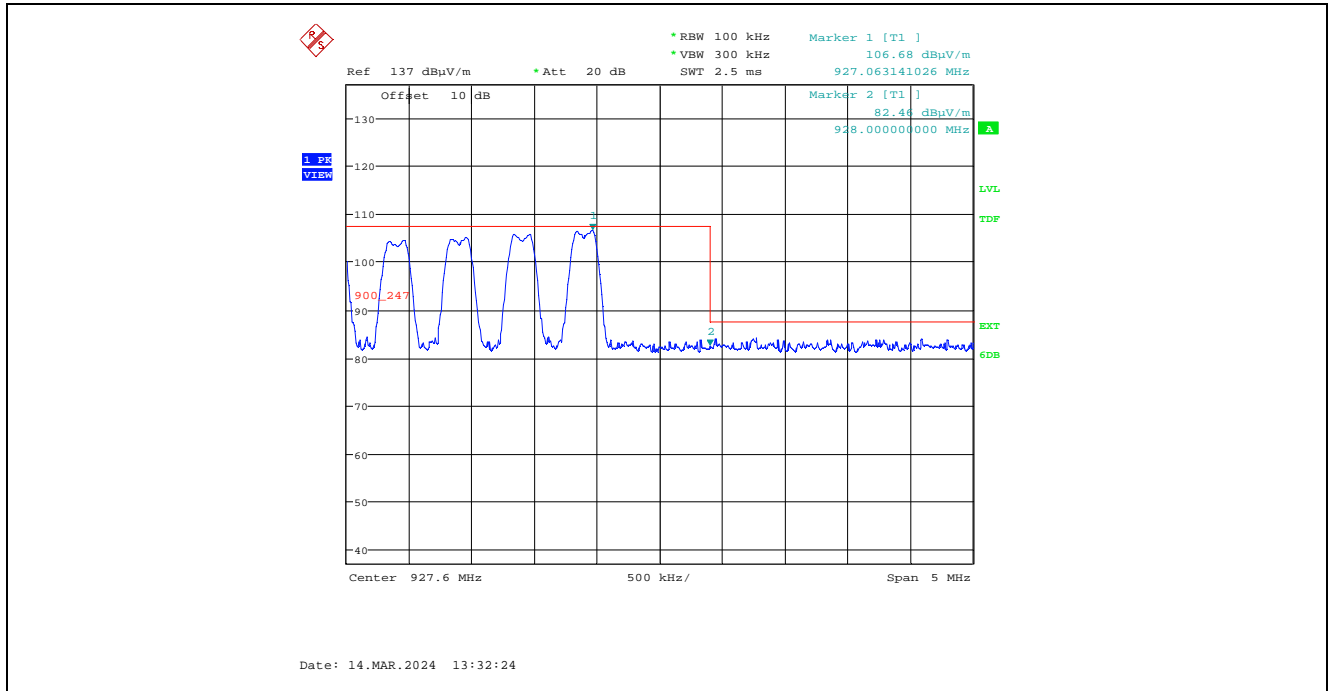
Plot 1.6.2.14. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 110 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



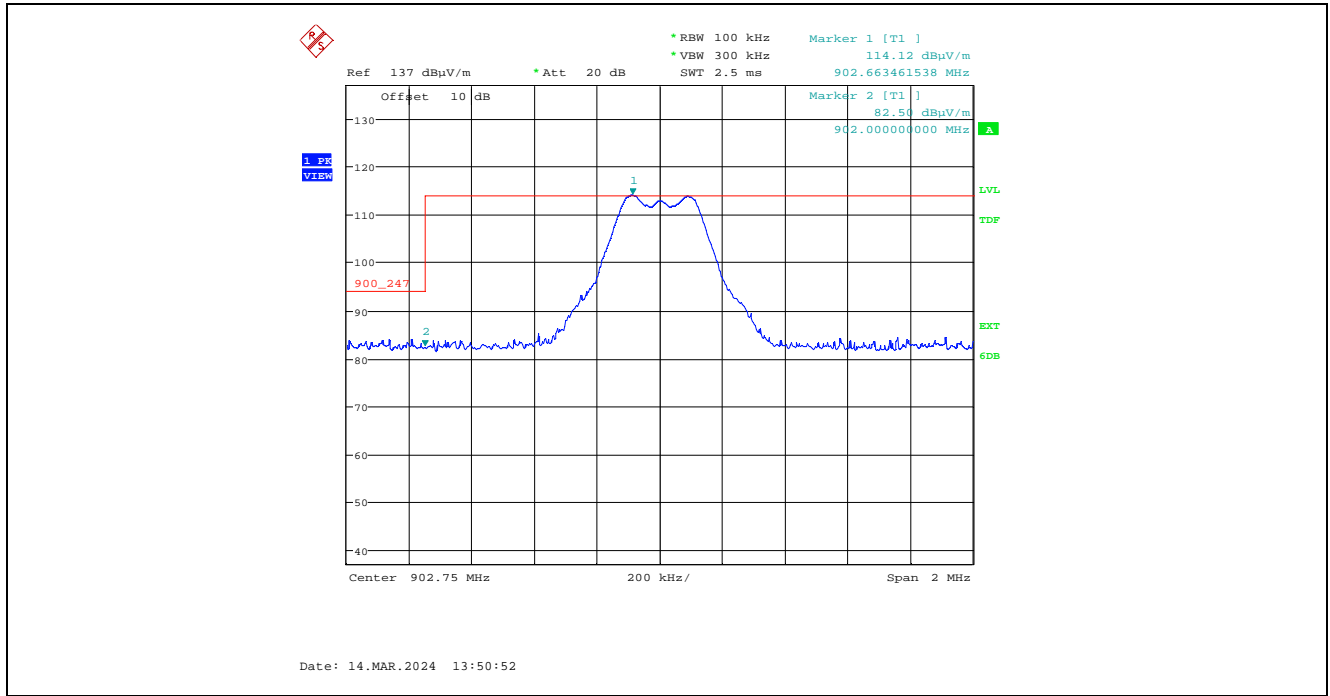
Plot 1.6.2.15. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 110 kbps, Single Frequency Mode, High End of Frequency Band



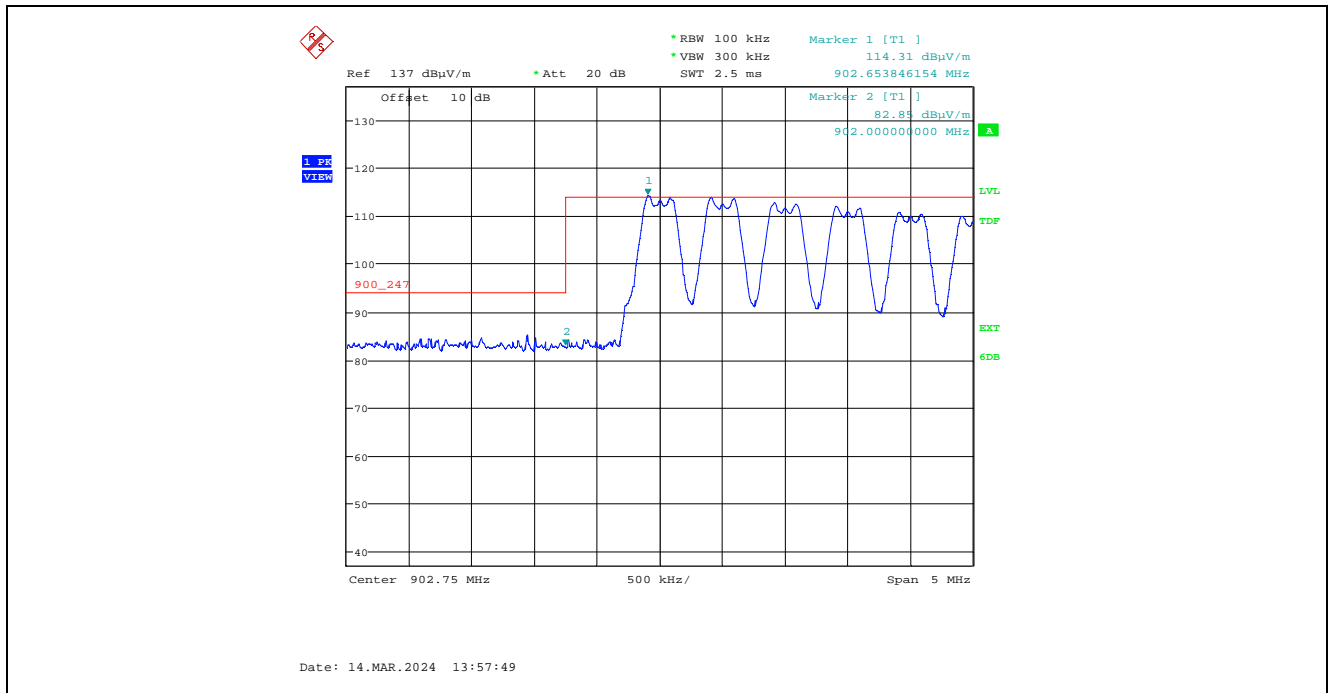
Plot 1.6.2.16. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 110 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



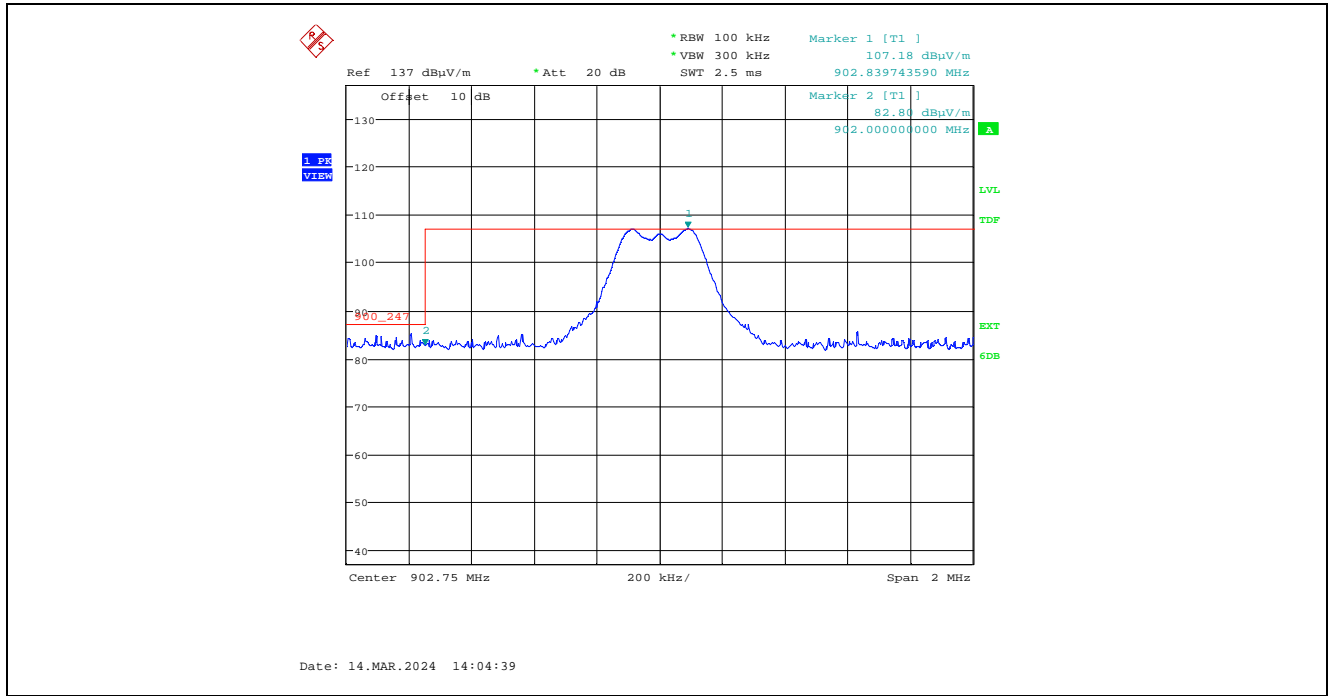
Plot 1.6.2.17. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 250 kbps, Single Frequency Mode, Low End of Frequency Band



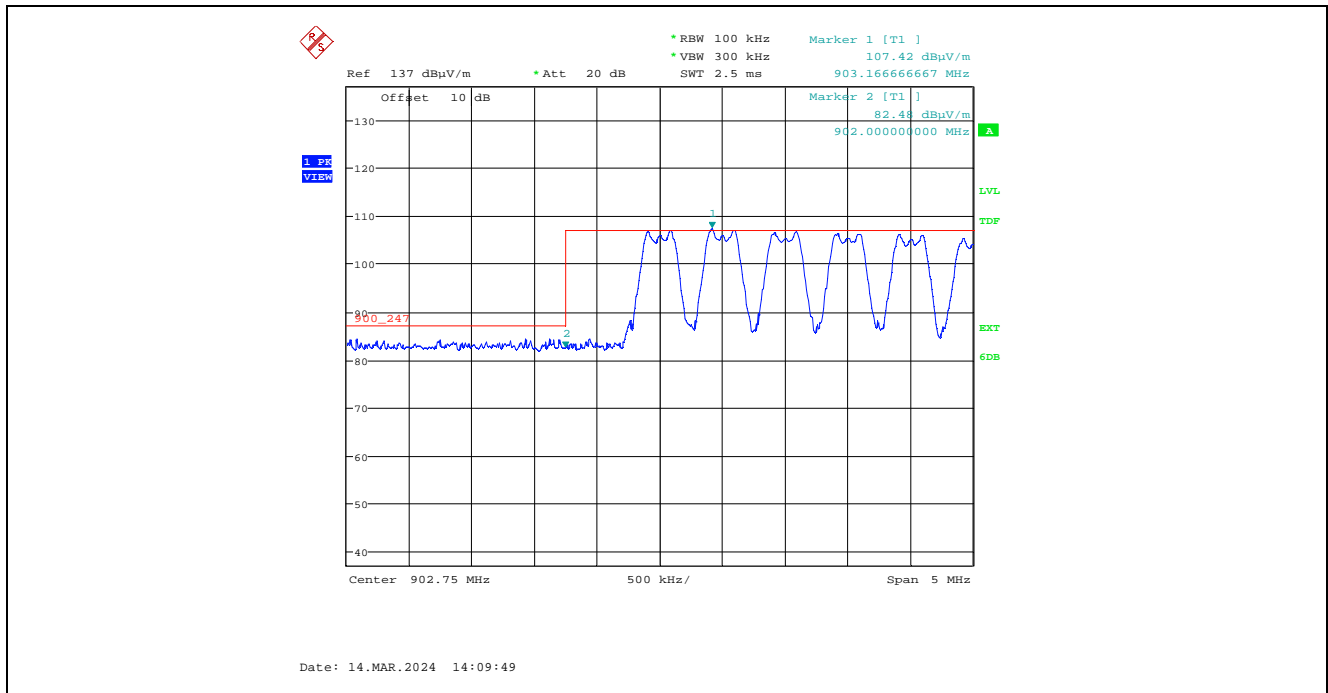
Plot 1.6.2.18. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 250 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



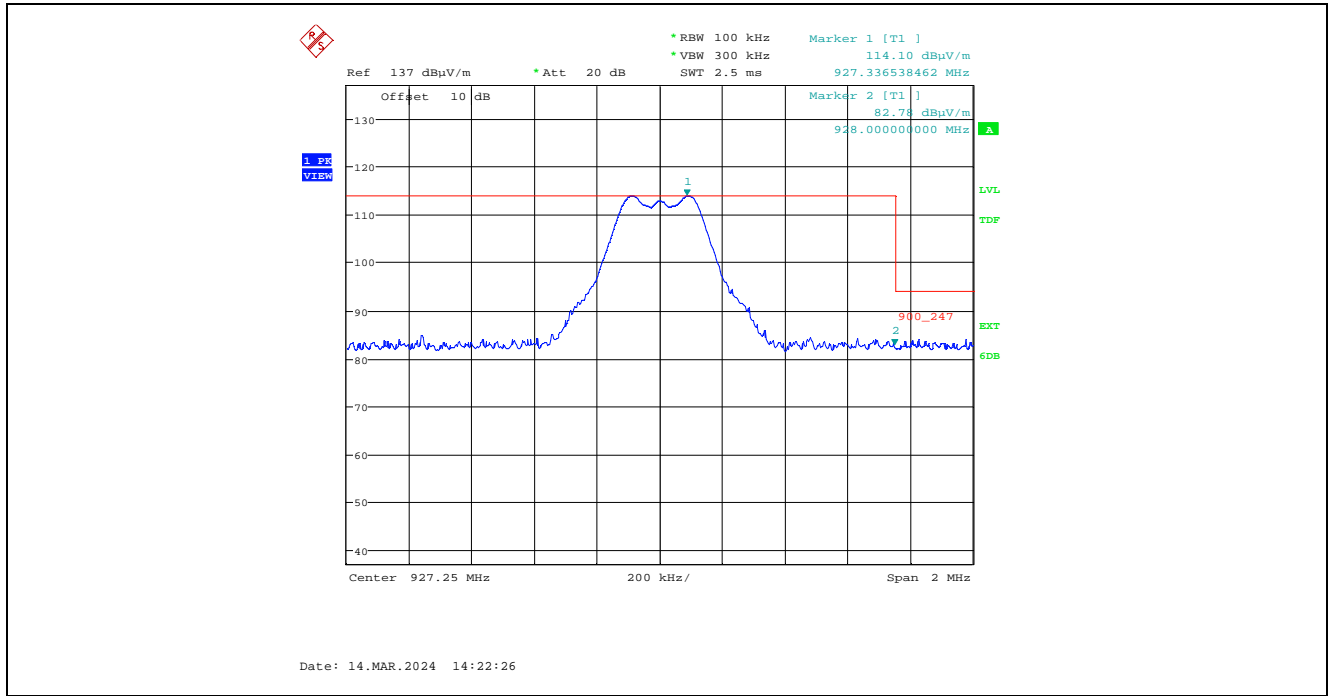
Plot 1.6.2.19. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 250 kbps, Single Frequency Mode, Low End of Frequency Band



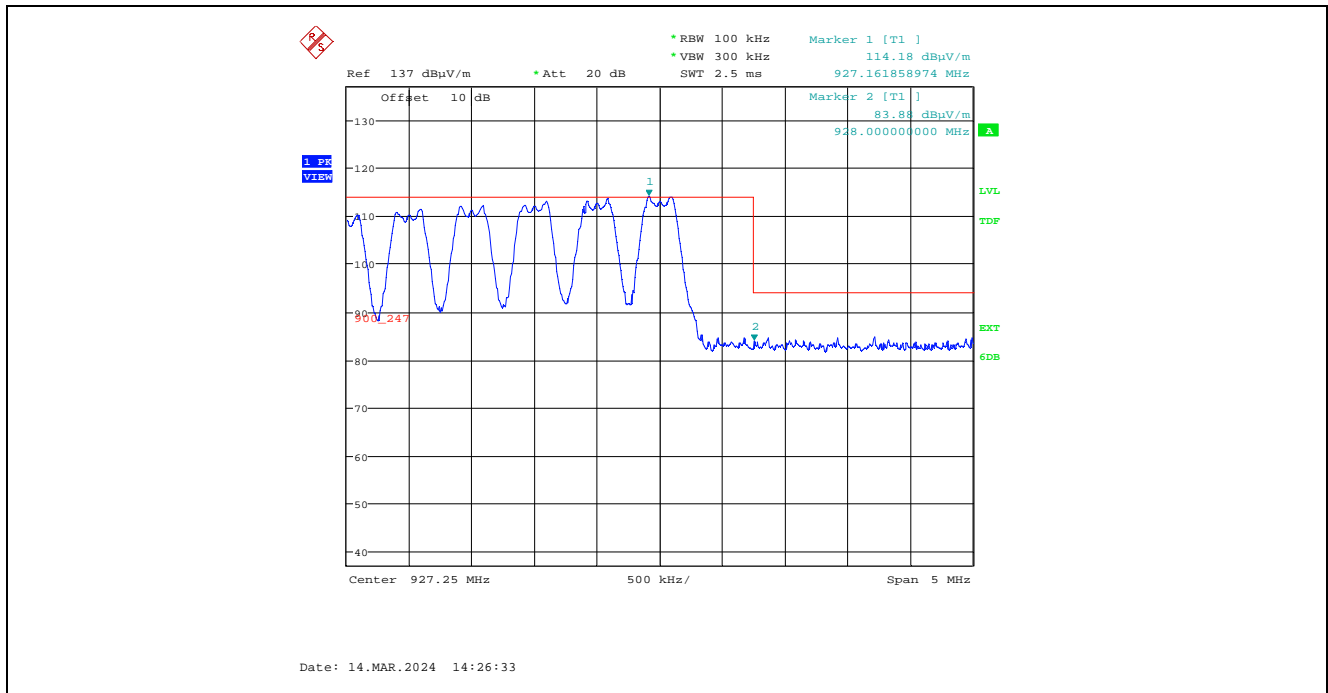
Plot 1.6.2.20. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 250 kbps, Pseudorandom Channel Hopping Mode, Low End of Frequency Band



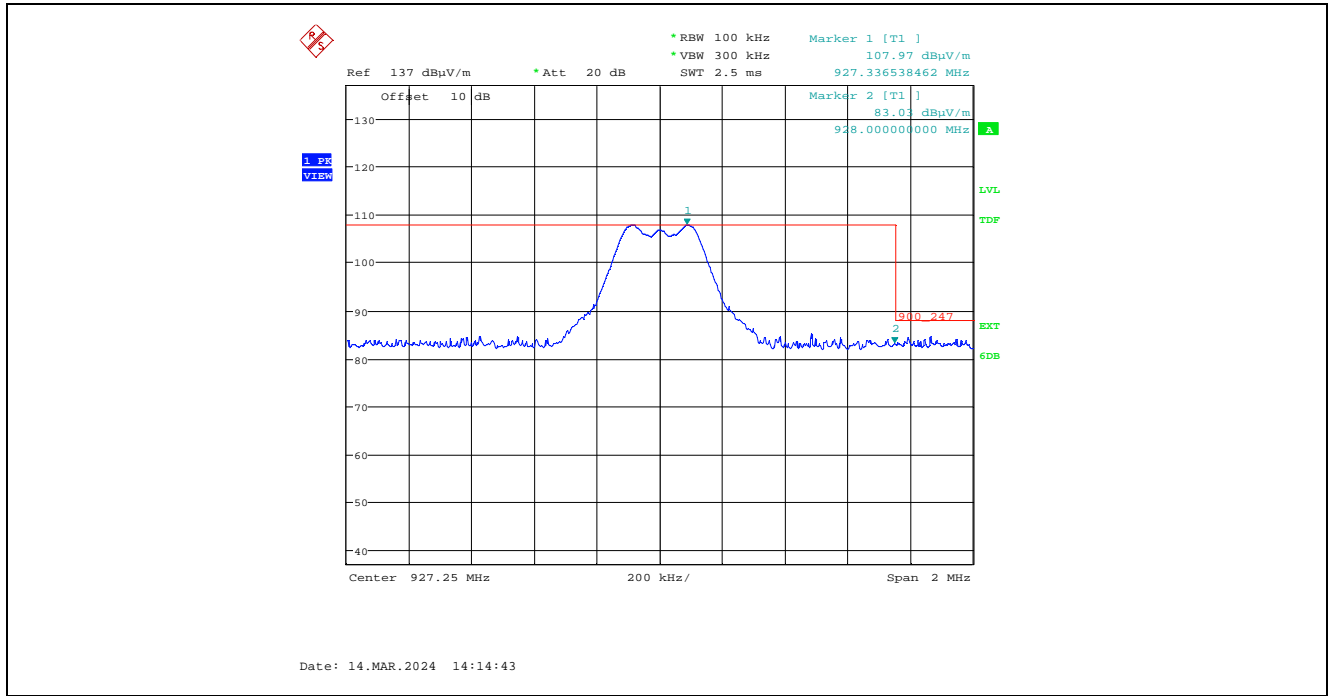
Plot 1.6.2.21. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 250 kbps, Single Frequency Mode, High End of Frequency Band



Plot 1.6.2.22. Band-Edge RF Radiated Emissions at 3 m, Vertical Polarization
 250 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band



Plot 1.6.2.23. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 250 kbps, Single Frequency Mode, High End of Frequency Band



Plot 1.6.2.24. Band-Edge RF Radiated Emissions at 3 m, Horizontal Polarization
 250 kbps, Pseudorandom Channel Hopping Mode, High End of Frequency Band

