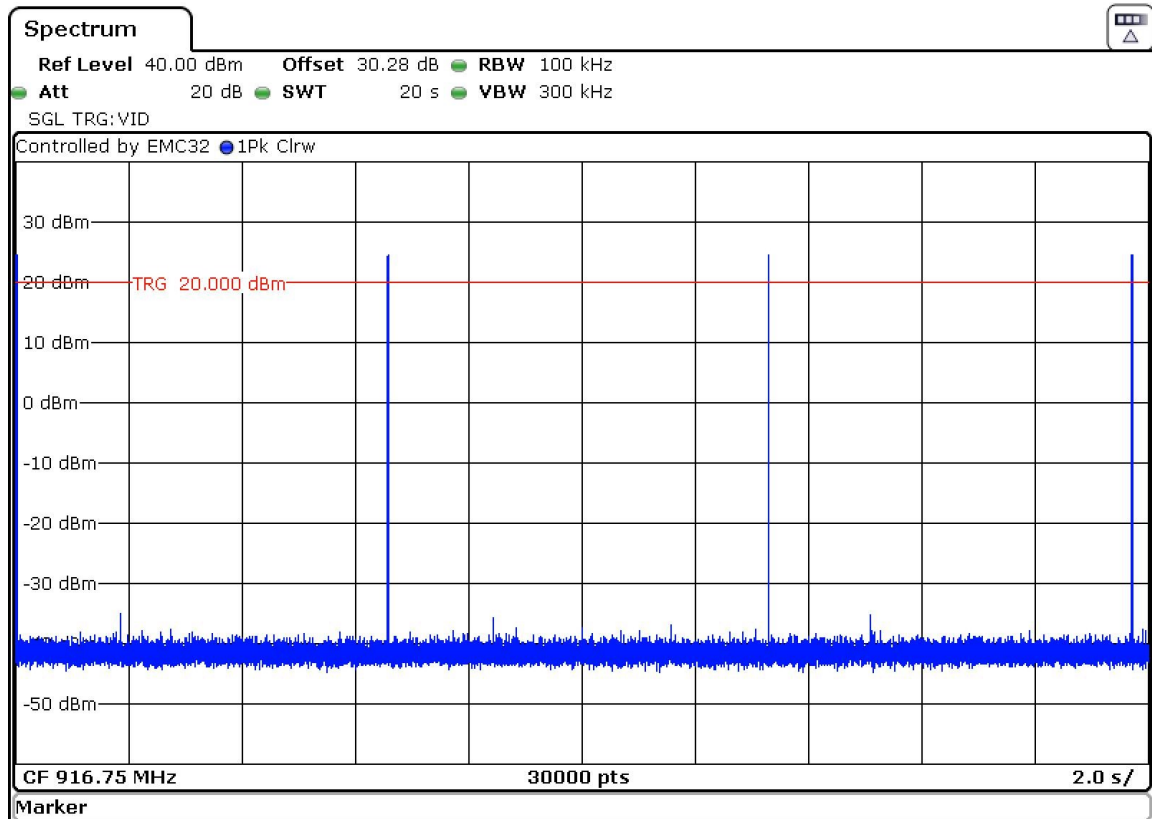


- Number of hops over a period of 20 seconds = 4 (see next plot).



Number of hops in the period specified in the requirements = 4 hops.

Averaging time of occupancy = $14.139435 \text{ ms} \times 4 \text{ hops} = 56.55774 \text{ ms}$ per 20 second period (50 hopping frequencies).

Verdict: PASS

4.5 FCC Section 15.247 (b) (2) // RSS-247 Clause 5.4 (a). Maximum output power and antenna gain

SPECIFICATION:

For frequency hopping systems operating in the 902-928 MHz band: 1 watt (30 dBm) for systems employing at least 50 hopping channels. The e.i.r.p. shall not exceed 4 W.

RESULTS:

The maximum peak conducted output power was measured using the method according to point 9.1.1. of Guidance for Performing Compliance Measurements on Digital Transmission Systems (DTS) Operating Under §15.247 558074 D01 DTS Meas Guidance v05r02 dated 02/04/2019.

The EIRP power (dBm) is calculated by adding the declared maximum antenna gain to the measured conducted power.

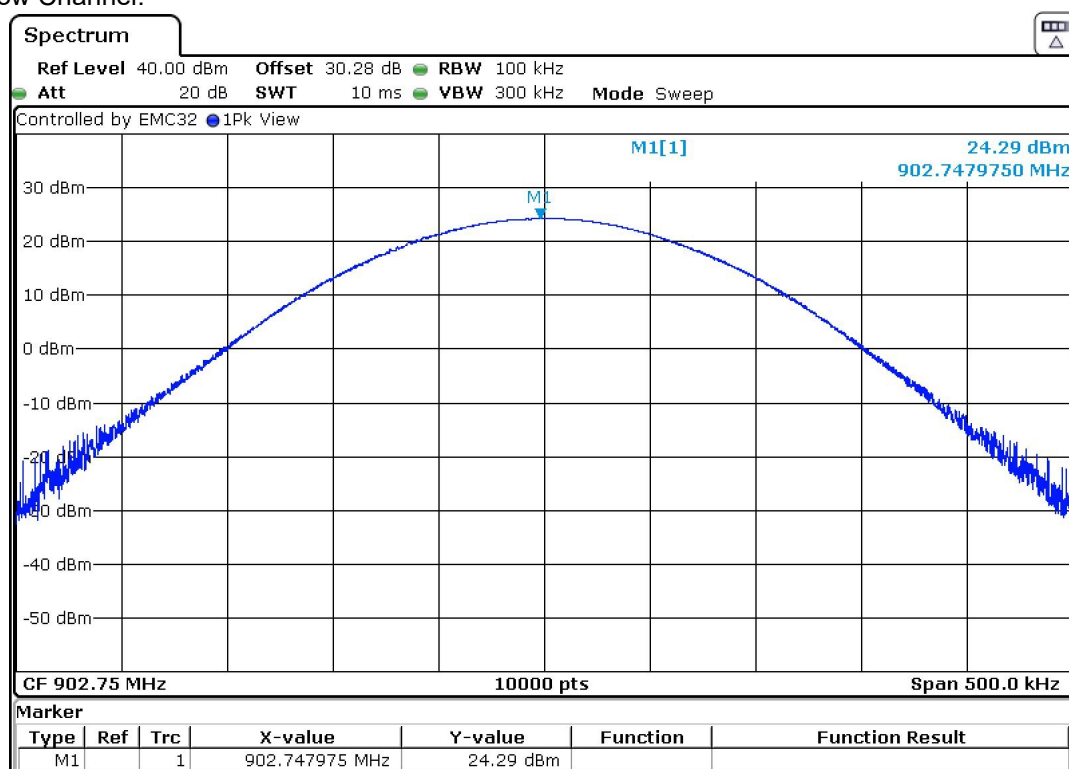
MAXIMUM OUTPUT POWER. See next plots.

Maximum declared antenna gain: 9.45 dBi.

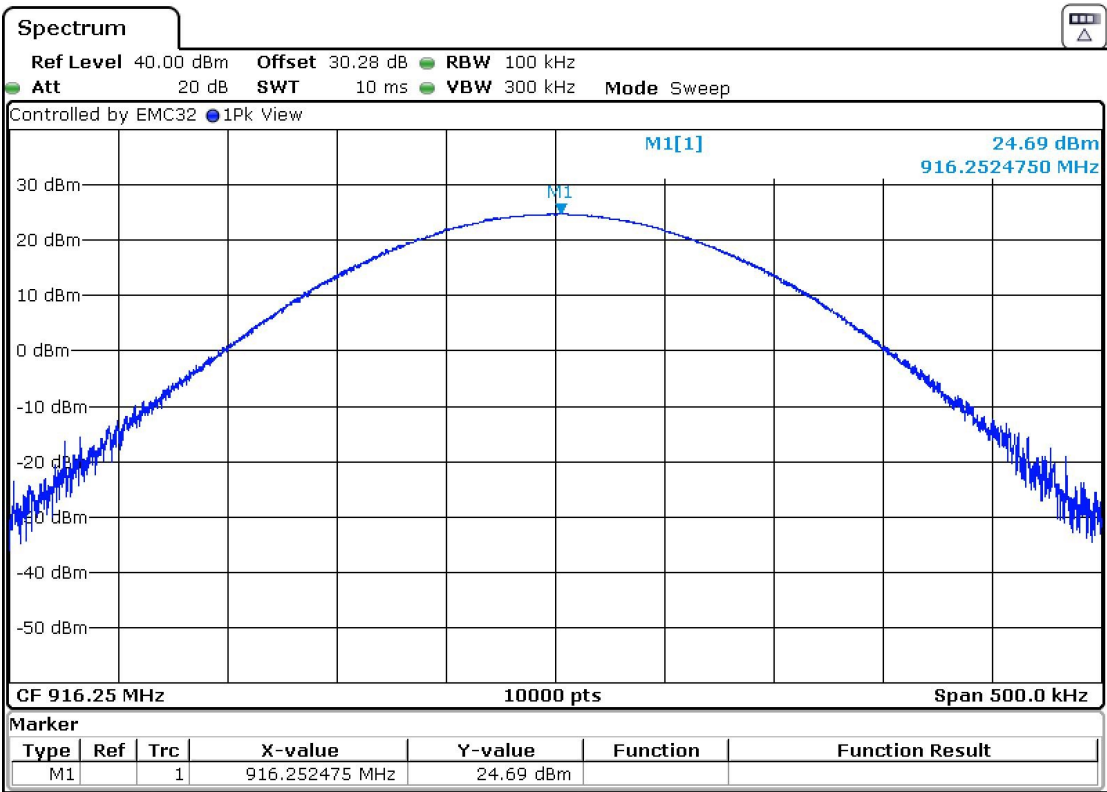
	Low Channel 902.75 MHz	Middle Channel 916.25 MHz	Highest Channel 927.25 MHz
Maximum conducted power (dBm)	24.29	24.69	24.32
Maximum EIRP power (dBm)	33.74	34.14	33.77

CONDUCTED POWER.

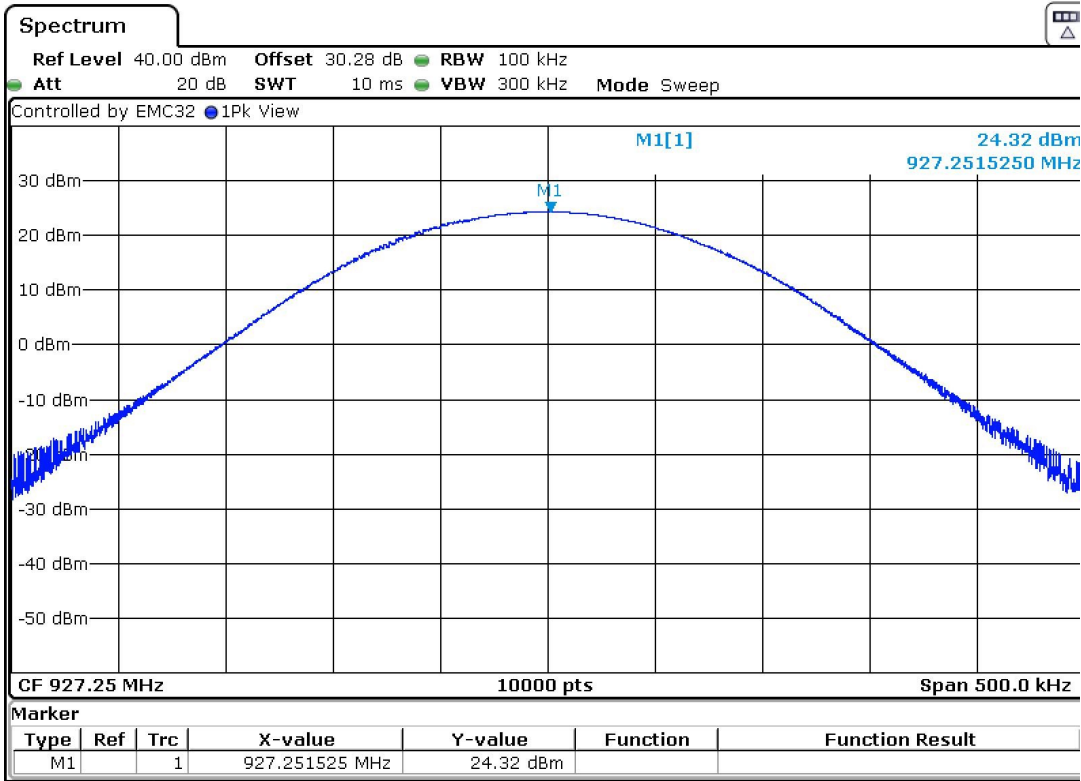
- Low Channel:



- Middle Channel:



- Highest Channel:



Verdict: PASS

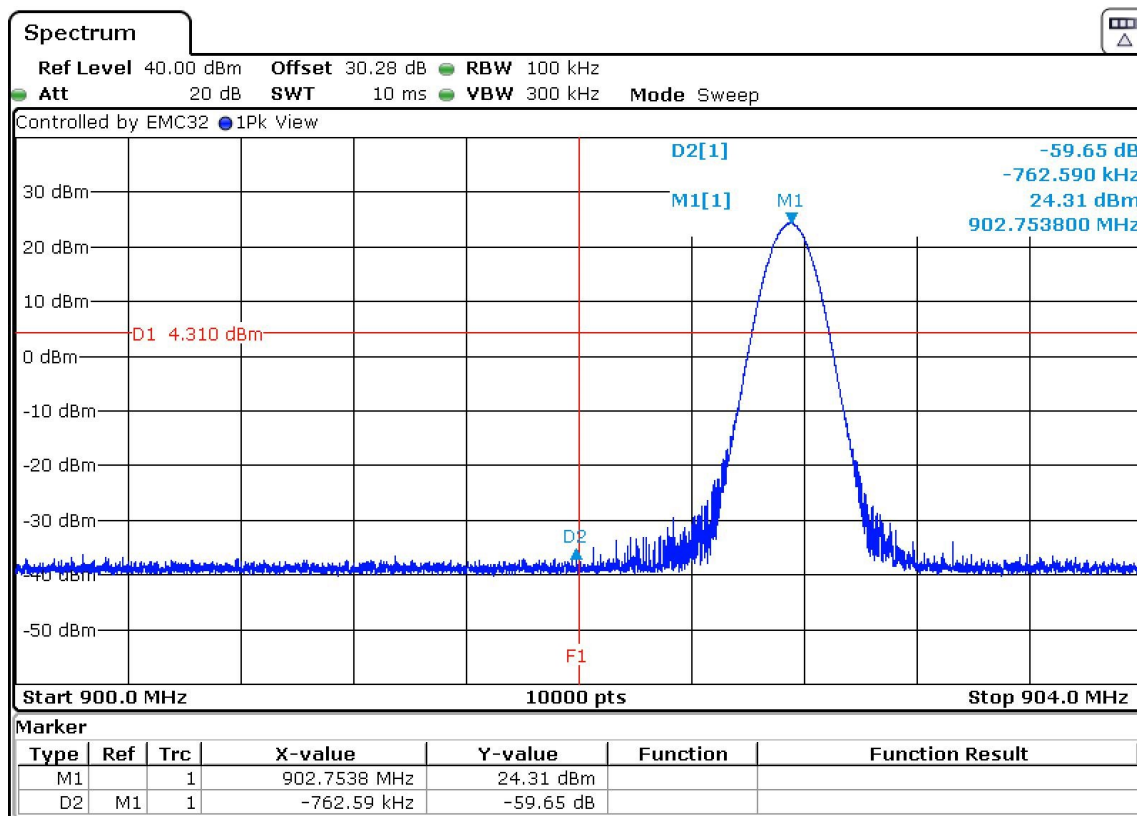
4.6 FCC Section 15.247 Subclause (d) / RSS-247 Clause 5.5. Band-edge emissions compliance (Transmitter)

SPECIFICATION:

Emissions outside the frequency band in which the intentional radiator is operating shall be at least 20dB below the highest level of the desired power.

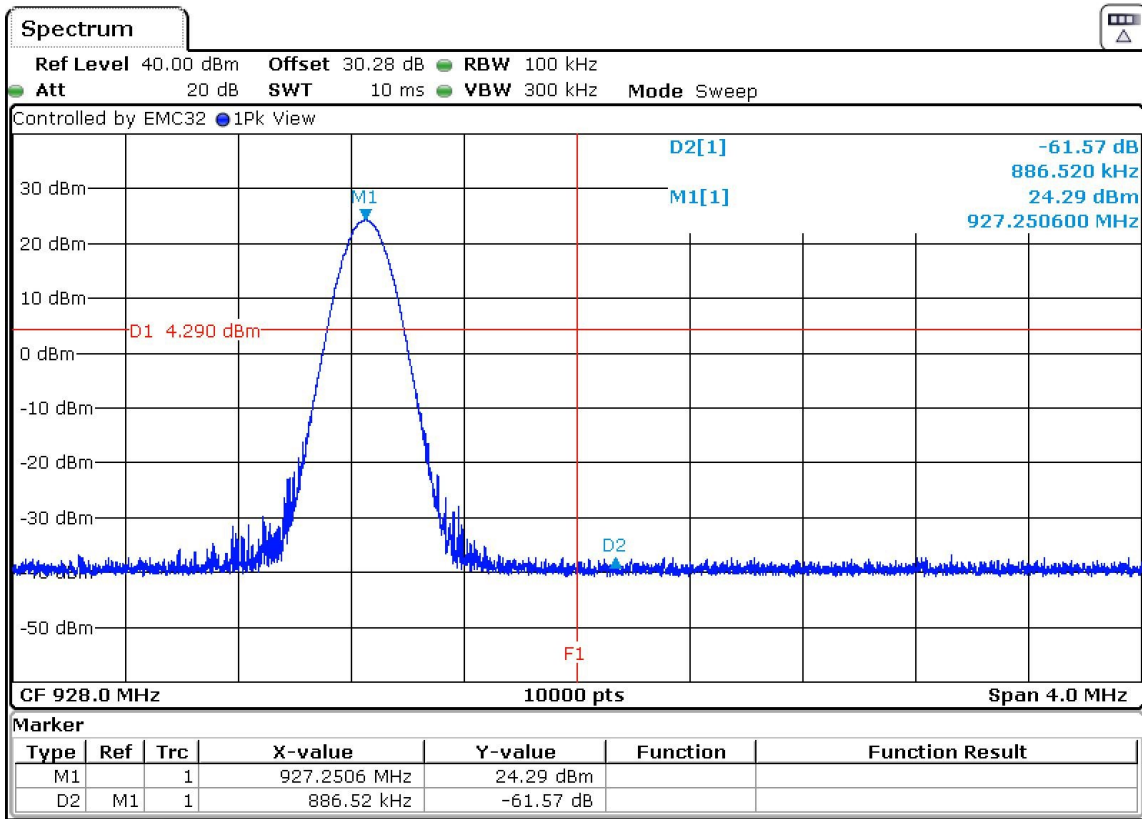
RESULTS:

1. LOW FREQUENCY SECTION. 902 MHz (HOPPING OFF). See the next plot.



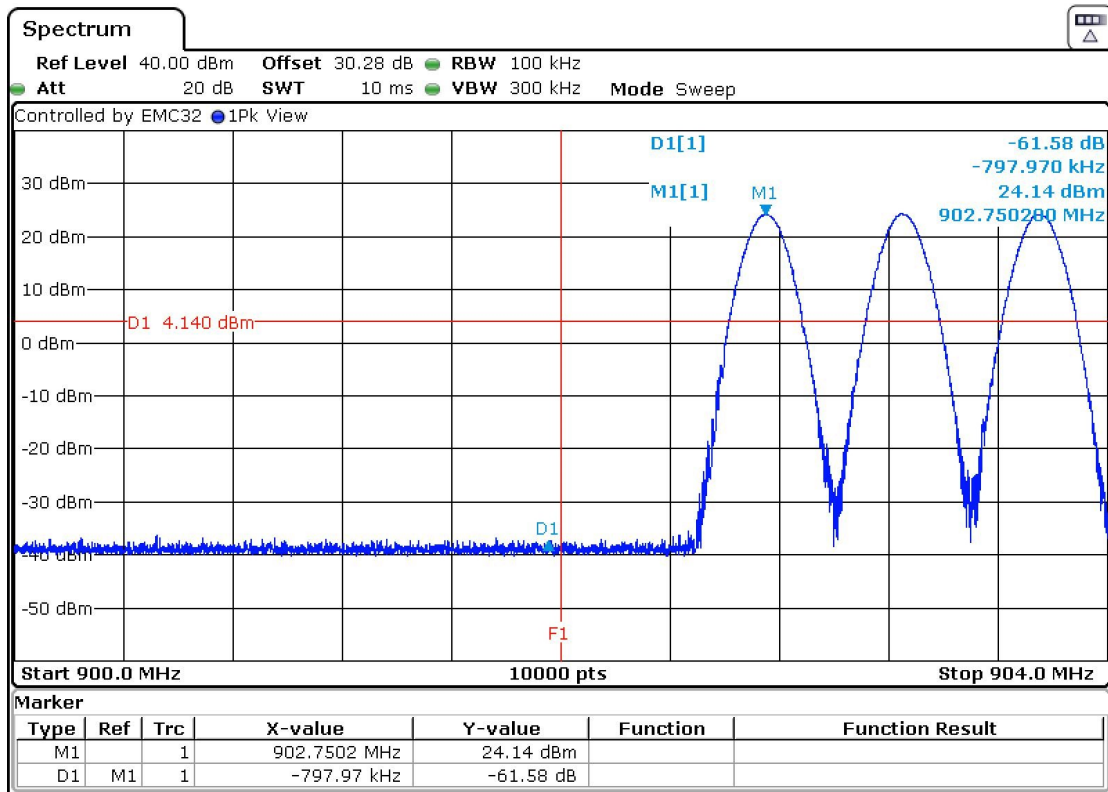
Verdict: PASS

2. HIGH FREQUENCY SECTION. 928 MHz (HOPPING OFF). See next plot.



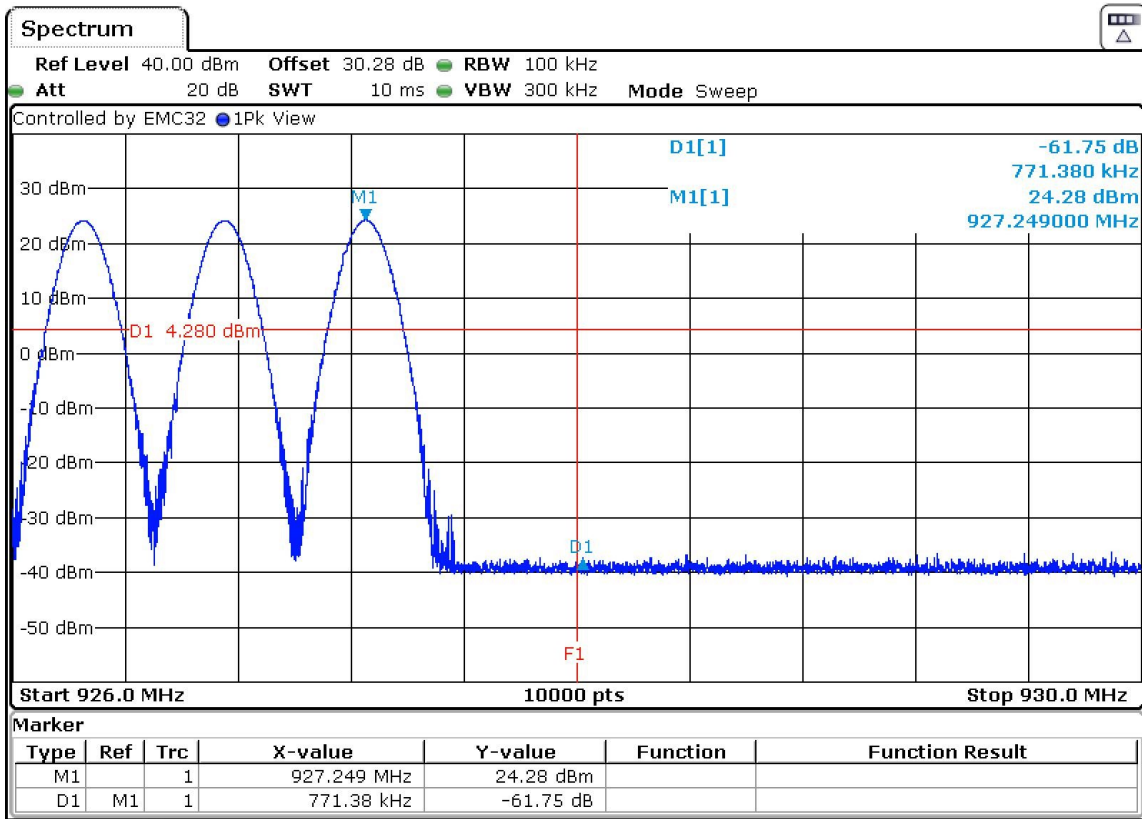
Verdict: PASS

3. LOW FREQUENCY SECTION. 902 MHz (HOPPING ON). See next plot.



Verdict: PASS

4. HIGH FREQUENCY SECTION. 928 MHz (HOPPING ON). See next plot.



Verdict: PASS

4.7 FCC Section 15.247 Subclause (d). Emission limitations radiated (Transmitter)

SPECIFICATION:

Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c) / RSS-Gen):

Frequency Range (MHz)	Field strength (μV/m)	Field strength (dBμV/m)	Measurement distance (m)
0.009-0.490	2400/F(kHz)	-	300
0.490-1.705	24000/F(kHz)	-	30
1.705 - 30.0	30	-	30
30 - 88	100	40	3
88 - 216	150	43.5	3
216 - 960	200	46	3
960 - 25000	500	54	3

The emission limits shown in the above table are based on measurements employing CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

For average radiated emission measurements above 1000 MHz, there is also a limit corresponding to 20 dB above the indicated values in the table is specified when measuring with peak detector function.

RESULTS:

The situation and orientation was varied to find the maximum radiated emission. It was also rotated 360° and the antenna height was varied (in TILT mode) from 1 to 4 meters to find the maximum radiated emission.

Measurements were made in both horizontal and vertical planes of polarization.

All tests were performed in a semi-anechoic chamber at a distance of 3 m for the frequency range 30 MHz-10 GHz.

The field strength is calculated by adding correction factor to the measured level from the spectrum analyzer. This correction factor includes antenna factor, cable loss and pre-amplifiers gain.

Performed measurements

The following configuration(s) and parameter(s) was/were used for testing:

Port under test	Enclosure (with cabling)		
Test method	X	Semi Anechoic Chamber	
		Open Area Test Site (OATS)	
		In-Situ (at user/manufacturer premises)	
		GTEM cell	
		Other:	---
Test set-up		Equipment on a table of 80 cm height	
		Equipment on the floor (insulated from the reference ground plane)	
	X	Other:	The EUT is installed on a support of 1,5 m. above the ground plane.

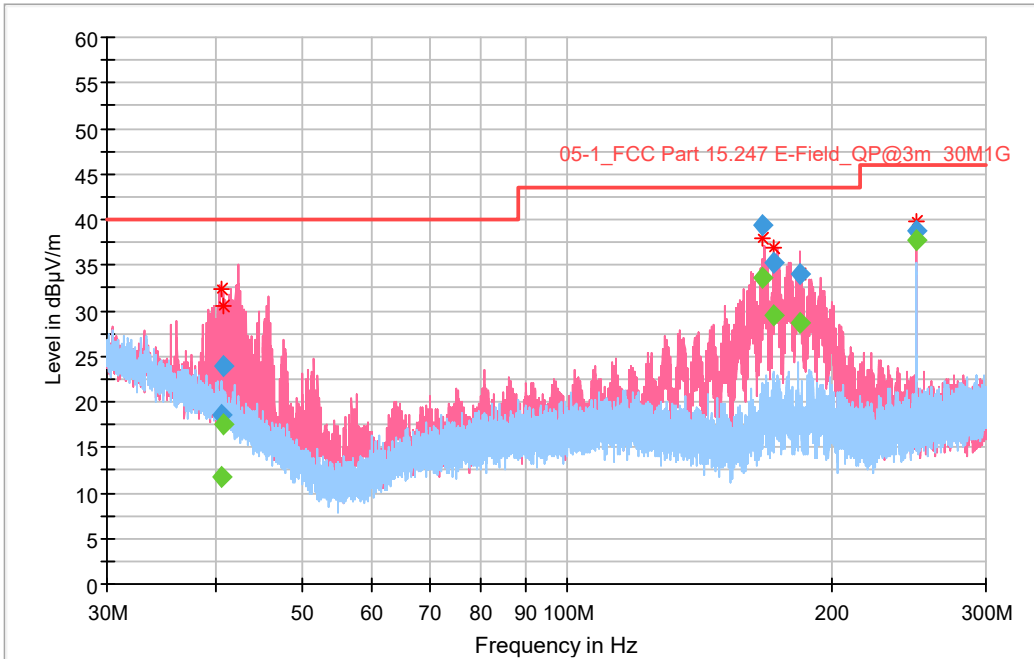
Technology	Sample	Mode / Modulation	Channel / Freq.	Frequency range	Antenna Polar. / axis	P/F	Sup. Info / Remark
SRD 900	01	01 / PR-ASK	1 / 902.75 MHz	30 - 300 MHz	H/V	P	---
SRD 900	01	01 / PR-ASK	25 / 916.25 MHz	30 - 300 MHz	H/V	P	---
SRD 900	01	01 / PR-ASK	50 / 927.25 MHz	30 - 300 MHz	H/V	P	---
SRD 900	01	01 / PR-ASK	1 / 902.75 MHz	300 - 1000 MHz	H/V	P	---
SRD 900	01	01 / PR-ASK	25 / 916.25 MHz	300 - 1000 MHz	H/V	P	---
SRD 900	01	01 / PR-ASK	50 / 927.25 MHz	300 - 1000 MHz	H/V	P	---
SRD 900	01	01 / PR-ASK	1 / 902.75 MHz	1 - 3 GHz	H/V	P	---
SRD 900	01	01 / PR-ASK	25 / 916.25 MHz	1 - 3 GHz	H/V	P	---
SRD 900	01	01 / PR-ASK	50 / 927.25 MHz	1 - 3 GHz	H/V	P	---
SRD 900	01	01 / PR-ASK	1 / 902.75 MHz	3 - 10 GHz	H/V	P	---
SRD 900	01	01 / PR-ASK	25 / 916.25 MHz	3 - 10 GHz	H/V	P	---
SRD 900	01	01 / PR-ASK	50 / 927.25 MHz	3 - 10 GHz	H/V	P	---

26

Supplementary information / Remark:

- 1) The spurious frequencies do not depend neither on the operating channel.

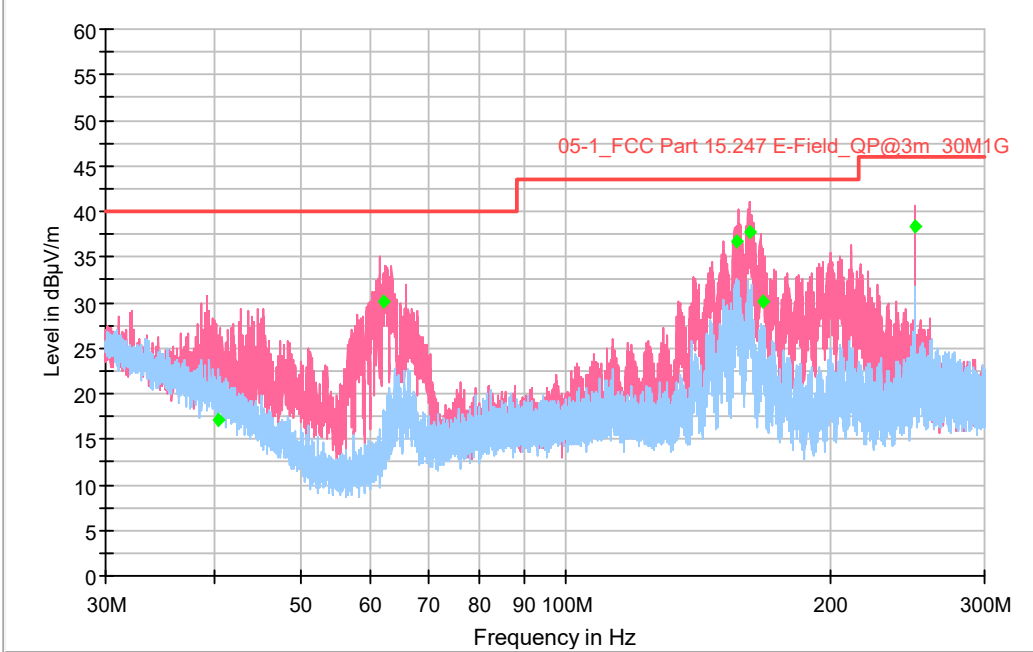
FREQUENCY RANGE 30 MHz - 1 GHz:

Measurement data		☒	Horizontal	☒	Vertical	
Operating mode / Info			Mode 1 / TX Channel Low 902.75 MHz			
Common Information						
EUT/Sample # / OM#		: NVR2002 / 01 / 01				
Voltage/Frequency		: 12 Vdc				
Port/Terminal under test		: Enclosure				
Remark/Comment		: EUT ON. TX modulated carrier at 902.75MHz				
 Preview Result 2V-AVG Preview Result 2H-AVG * PK+ 05-1_FCC Part 15.247 E-Field_QP@3m_30M1G ◆ Final_Result QPK Preview Result 1V-PK+ Preview Result 1H-PK+ AVG * Final_Result PK+						
Final Result QPK						
Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
40.507667	11.66	2000.0	120.000	148.0	V	312.0
40.786000	17.55	2000.0	120.000	100.0	V	256.0
166.687333	33.53	2000.0	120.000	279.0	V	159.0
172.313333	29.49	2000.0	120.000	251.0	V	141.0
184.315667	28.64	2000.0	120.000	100.0	V	348.0
250.009000	37.81	2000.0	120.000	100.0	V	286.0
Supplementary information:						
- The "Azimuth/Pol/Height" indicates the turn-table azimuth, the antenna polarization and the antenna height where the maximum emissions level was measured.						
- The "Margin" is with reference to the emissions limit. A positive number indicates that the emission measurement is below the limit. A negative number indicates that the emission measurement exceeds the limit.						

Measurement data	☒	Horizontal	☒	Vertical
Operating mode / Info		Mode 1 / TX Channel Middle 916.25 MHz		

Common Information

EUT/Sample # / OM#	: NVR2002 / 01 / 01
Voltage/Frequency	: 12 Vdc
Port/Terminal under test	: Enclosure
Remark/Comment	: EUT ON. TX modulated carrier at 916.25MHz



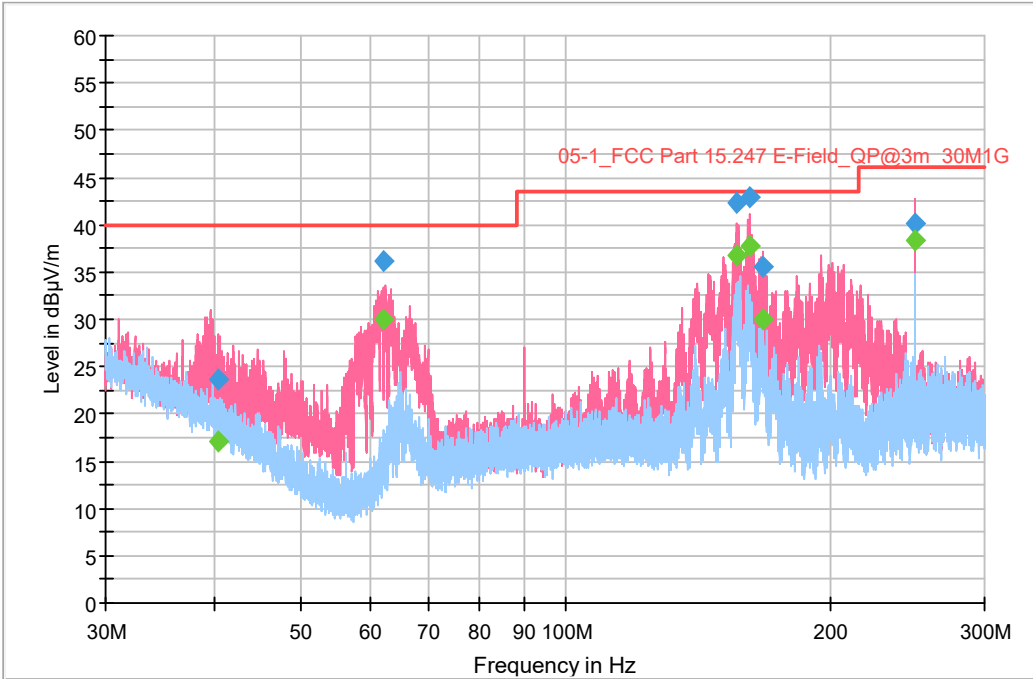
Preview Result 2V-AVG Preview Result 2H-AVG ✱ Critical_Freqs AVG ◆ Final_Result PK+ ◆ QuasiPeak@Test	Preview Result 1V-PK+ Preview Result 1H-PK+ 05-1_FCC Part 15.247 E-Field_QP@3m_30M ◆ Final_Result QPK
--	---

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
40.288000	17.02	2000.0	120.000	106.0	V	276.0
62.036500	30.03	2000.0	120.000	235.0	V	74.0
157.040333	36.69	2000.0	120.000	100.0	V	21.0
161.902167	37.72	2000.0	120.000	100.0	V	20.0
167.880500	30.01	2000.0	120.000	100.0	V	195.0
250.011500	38.31	2000.0	120.000	100.0	V	282.0

Supplementary information:

- The "Azimuth/Pol/Height" indicates the turn-table azimuth, the antenna polarization and the antenna height where the maximum emissions level was measured.
- The "Margin" is with reference to the emissions limit. A positive number indicates that the emission measurement is below the limit. A negative number indicates that the emission measurement exceeds the limit.

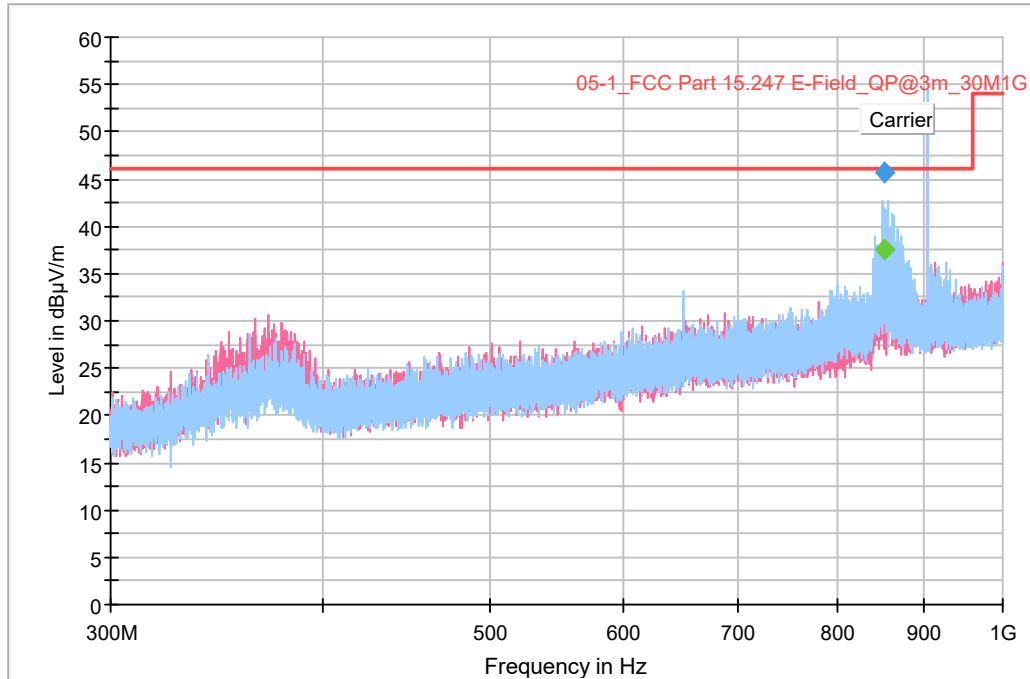
Measurement data	☒	Horizontal	☒	Vertical																																																	
Operating mode / Info		Mode 1 / TX Channel High 927.25 MHz																																																			
Common Information EUT/Sample # / OM# : NVR2002 / 01 / 01 Voltage/Frequency : 12 Vdc Port/Terminal under test : Enclosure Remark/Comment : EUT ON. TX modulated carrier at 927.25MHz																																																					
																																																					
— Preview Result 2V-AVG — Preview Result 2H-AVG — 05-1_FCC Part 15.247 E-Field_QP@3m_30M1G ◆ Final_Result QPK — Preview Result 1V-PK+ — Preview Result 1H-PK+ ◆ Final_Result PK+																																																					
Final_Result_QPK <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Frequency (MHz)</th> <th>QuasiPeak (dBµV/m)</th> <th>Meas. Time (ms)</th> <th>Bandwidth (kHz)</th> <th>Height (cm)</th> <th>Pol</th> <th>Azimuth (deg)</th> </tr> </thead> <tbody> <tr><td>40.288000</td><td>17.02</td><td>2000.0</td><td>120.000</td><td>106.0</td><td>V</td><td>276.0</td></tr> <tr><td>62.036500</td><td>30.03</td><td>2000.0</td><td>120.000</td><td>235.0</td><td>V</td><td>74.0</td></tr> <tr><td>157.040333</td><td>36.69</td><td>2000.0</td><td>120.000</td><td>100.0</td><td>V</td><td>21.0</td></tr> <tr><td>161.902167</td><td>37.72</td><td>2000.0</td><td>120.000</td><td>100.0</td><td>V</td><td>20.0</td></tr> <tr><td>167.880500</td><td>30.01</td><td>2000.0</td><td>120.000</td><td>100.0</td><td>V</td><td>195.0</td></tr> <tr><td>250.011500</td><td>38.31</td><td>2000.0</td><td>120.000</td><td>100.0</td><td>V</td><td>282.0</td></tr> </tbody> </table>					Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	40.288000	17.02	2000.0	120.000	106.0	V	276.0	62.036500	30.03	2000.0	120.000	235.0	V	74.0	157.040333	36.69	2000.0	120.000	100.0	V	21.0	161.902167	37.72	2000.0	120.000	100.0	V	20.0	167.880500	30.01	2000.0	120.000	100.0	V	195.0	250.011500	38.31	2000.0	120.000	100.0	V	282.0
Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)																																															
40.288000	17.02	2000.0	120.000	106.0	V	276.0																																															
62.036500	30.03	2000.0	120.000	235.0	V	74.0																																															
157.040333	36.69	2000.0	120.000	100.0	V	21.0																																															
161.902167	37.72	2000.0	120.000	100.0	V	20.0																																															
167.880500	30.01	2000.0	120.000	100.0	V	195.0																																															
250.011500	38.31	2000.0	120.000	100.0	V	282.0																																															
Supplementary information: - The "Azimuth/Pol/Height" indicates the turn-table azimuth, the antenna polarization and the antenna height where the maximum emissions level was measured. - The "Margin" is with reference to the emissions limit. A positive number indicates that the emission measurement is below the limit. A negative number indicates that the emission measurement exceeds the limit.																																																					

FREQUENCY RANGE 300MHz - 1 GHz:

Measurement data	☒	Horizontal	☒	Vertical
Operating mode / Info		Mode 1 / TX Channel Low 902.75 MHz		

Common Information

EUT/Sample # / OM# : NVR2002 / 01 / 01
 Voltage/Frequency : 12 Vdc
 Port/Terminal under test : Enclosure
 Remark/Comment : EUT ON. TX modulated carrier at 902.75MHz



— Preview Result 2V-AVG
 — Preview Result 2H-AVG
 — 05-1_FCC Part 15.247 E-Field_QP@3m_30M1G
 ◆ Final_Result QPK

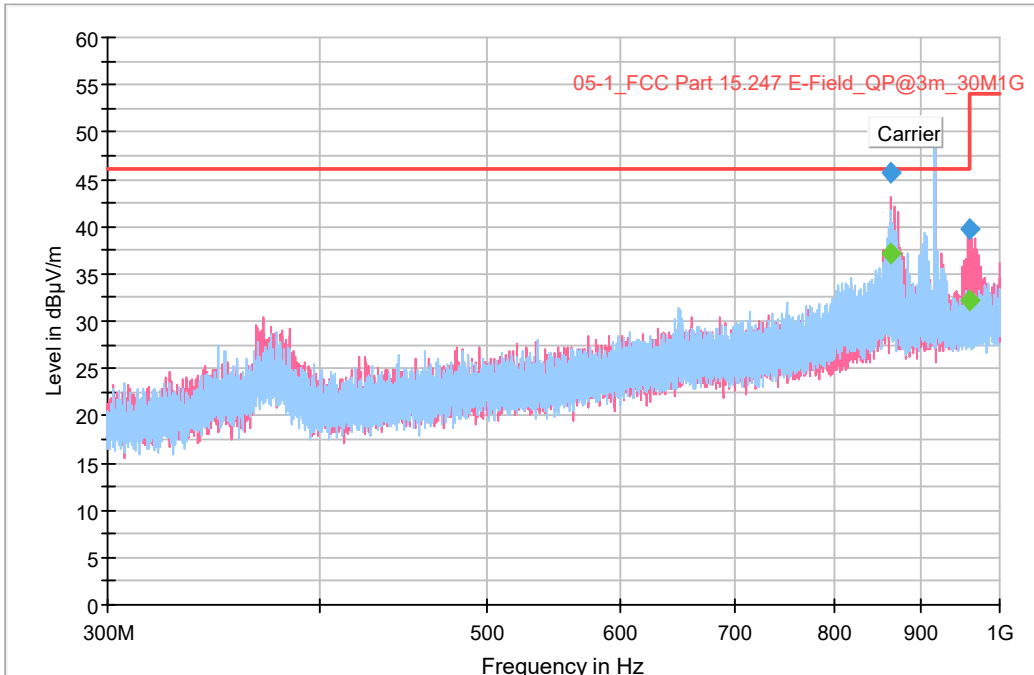
— Preview Result 1V-PK+
 — Preview Result 1H-PK+
 ◆ Final_Result PK+

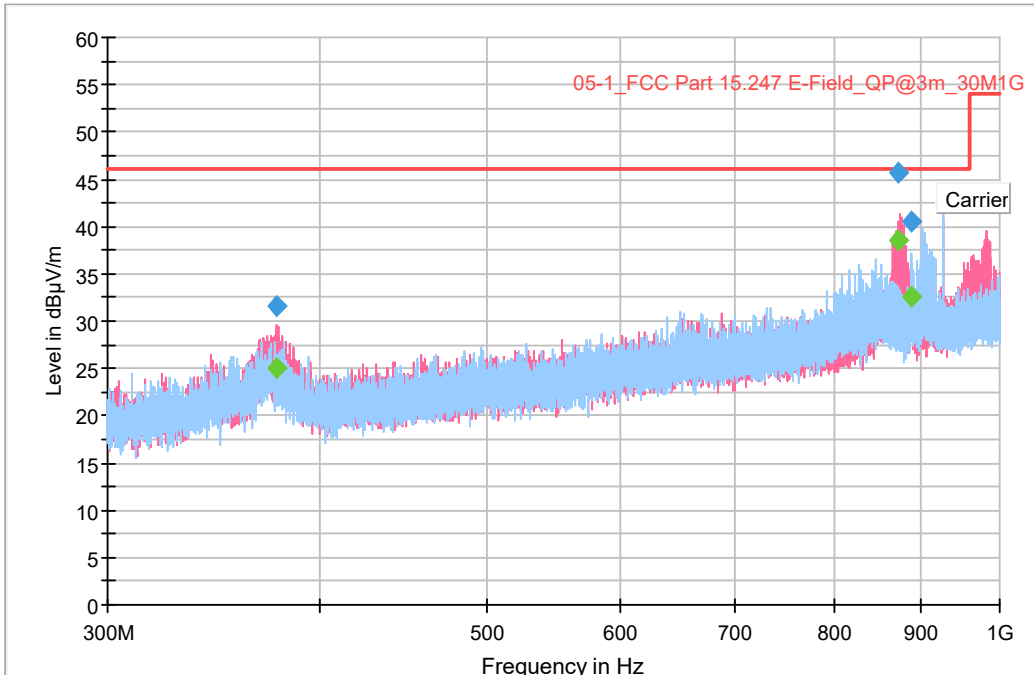
Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
853.372833	37.54	2000.0	120.000	137.0	H	2.0	22.7

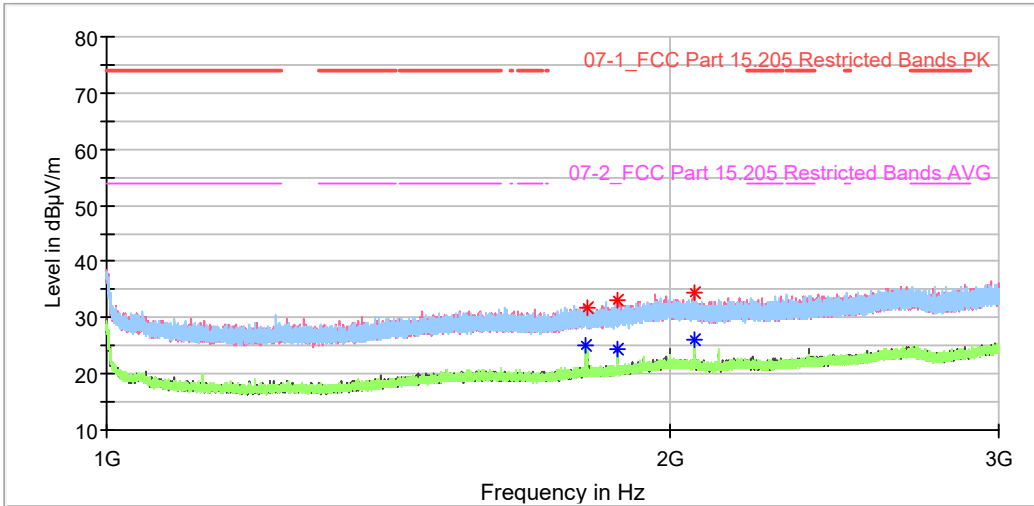
Supplementary information:

- The "Azimuth/Pol/Height" indicates the turn-table azimuth, the antenna polarization and the antenna height where the maximum emissions level was measured.
- The "Margin" is with reference to the emissions limit. A positive number indicates that the emission measurement is below the limit. A negative number indicates that the emission measurement exceeds the limit.
- The peak above the limit was the carrier frequency SRD lowest channel.

Measurement data		☒	Horizontal	☒	Vertical	
Operating mode / Info			Mode 1 / TX Channel Middle 916.25 MHz			
Common Information						
EUT/Sample # / OM#		: NVR2002 / 01 / 01				
Voltage/Frequency		: 12 Vdc				
Port/Terminal under test		: Enclosure				
Remark/Comment		: EUT ON. TX modulated carrier at 916.25MHz				
 — Preview Result 2V-AVG — Preview Result 2H-AVG — 05-1_FCC Part 15.247 E-Field_QP@3m_30M1G ◆ Final_Result QPK — Preview Result 1V-PK+ — Preview Result 1H-PK+ ◆ Final_Result PK+						
Final_Result_QPK						
Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
863.252834	37.23	2000.0	120.000	104.0	V	0.0
959.852167	32.14	2000.0	120.000	104.0	V	0.0
Supplementary information:						
- The "Azimuth/Pol/Height" indicates the turn-table azimuth, the antenna polarization and the antenna height where the maximum emissions level was measured.						
- The "Margin" is with reference to the emissions limit. A positive number indicates that the emission measurement is below the limit. A negative number indicates that the emission measurement exceeds the limit.						
- The peak above the limit was the carrier frequency SRD middle channel.						

Measurement data		☒	Horizontal	☒	Vertical	
Operating mode / Info			Mode 1 / TX Channel high 927.25 MHz			
Common Information						
EUT/Sample # / OM#		: NVR2002 / 01 / 01				
Voltage/Frequency		: 12 Vdc				
Port/Terminal under test		: Enclosure				
Remark/Comment		: EUT ON. TX modulated carrier at 927.25MHz				
 Preview Result 2V-AVG Preview Result 2H-AVG 05-1_FCC Part 15.247 E-Field_QP@3m_30M1G Final_Result QPK Preview Result 1V-PK+ Preview Result 1H-PK+ Final_Result PK+						
Final_Result_QPK						
Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
376.502000	25.09	2000.0	120.000	124.0	V	30.0
872.858167	38.56	2000.0	120.000	112.0	V	0.0
887.192166	32.61	2000.0	120.000	133.0	H	2.0
Supplementary information: - The "Azimuth/Pol/Height" indicates the turn-table azimuth, the antenna polarization and the antenna height where the maximum emissions level was measured. - The "Margin" is with reference to the emissions limit. A positive number indicates that the emission measurement is below the limit. A negative number indicates that the emission measurement exceeds the limit. - The peak above the limit was the carrier frequency SRD highest channel.						

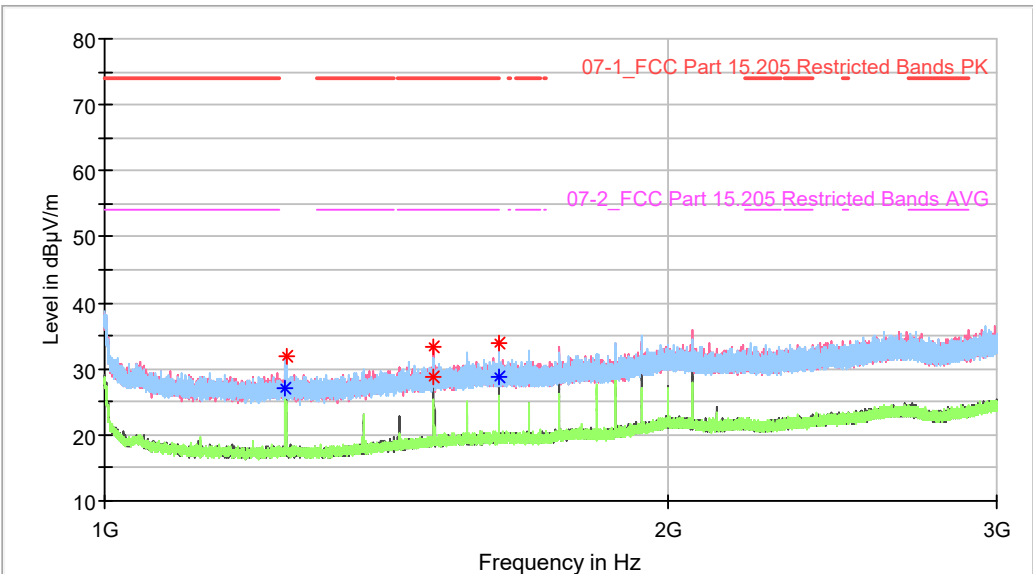
FREQUENCY RANGE 1GHz - 3 GHz:

Measurement data	☒	Horizontal	☒	Vertical
Operating mode / Info		Mode 1 / TX Channel Low 902.75 MHz		
Common Information				
EUT/Sample # / OM#		: NVR2002 / 01 / 01		
Voltage/Frequency		: 12 Vdc		
Port/Terminal under test		: Enclosure		
Remark/Comment		: EUT ON. TX modulated carrier at 902.75MHz		
 Preview Result 2V-AVG Preview Result 2H-AVG * PK+ 07-1_FCC Part 15.205 Restricted Bands PK ◆ Final_Result PK+ Preview Result 1V-PK+ Preview Result 1H-PK+ AVG * 07-2_FCC Part 15.205 Restricted Bands AVG ◆ Final_Result AVG				
Final_Result				
Frequency (MHz)	MaxPeak (dBµV/m)	Height (cm)	Pol	Azimuth (deg)
1805.733333	31.69	165.0	V	302.0
1875.666667	33.10	165.0	V	197.0
2062.133333	34.58	165.0	V	55.0
Supplementary information:				
- The "Azimuth/Pol/Height" indicates the turn-table azimuth, the antenna polarization and the antenna height where the maximum emissions level was measured.				
- The "Margin" is with reference to the emissions limit. A positive number indicates that the emission measurement is below the limit. A negative number indicates that the emission measurement exceeds the limit.				

Measurement data	☒	Horizontal	☒	Vertical
Operating mode / Info		Mode 1 / TX Channel Middle 916.25 MHz		

Common Information

EUT/Sample # / OM# : NVR2002 / 01 / 01
 Voltage/Frequency : 12 Vdc
 Port/Terminal under test : Enclosure
 Remark/Comment : EUT ON. TX modulated carrier at 916.25MHz



Preview Result 2V-AVG Preview Result 2H-AVG * PK+ 07-1_FCC Part 15.205 Restricted Bands PK ◆ Final_Result PK+ Preview Result 1V-PK+ Preview Result 1H-PK+ * AVG 07-2_FCC Part 15.205 Restricted Bands AVG ◆ Final_Result AVG	
---	--

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Height (cm)	Pol	Azimuth (deg)
1250.066667	31.95	165.0	V	297.0
1500.000000	33.21	165.0	V	282.0
1500.600000	28.74	165.0	H	257.0
1625.200000	33.80	165.0	V	266.0

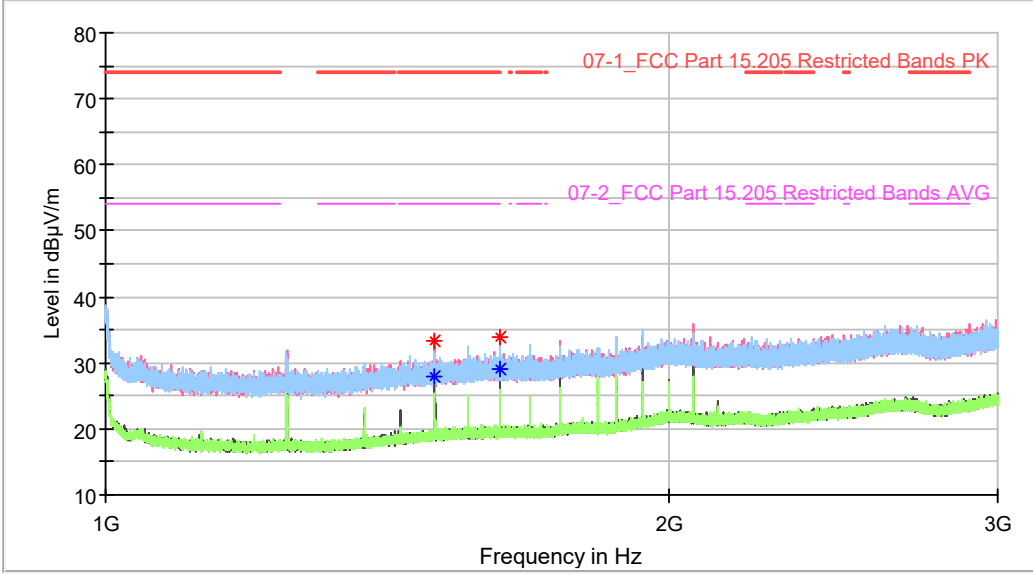
Supplementary information:

- The "Azimuth/Pol/Height" indicates the turn-table azimuth, the antenna polarization and the antenna height where the maximum emissions level was measured.
- The "Margin" is with reference to the emissions limit. A positive number indicates that the emission measurement is below the limit. A negative number indicates that the emission measurement exceeds the limit.

Measurement data	☒	Horizontal	☒	Vertical
Operating mode / Info		Mode 1 / TX Channel high 927.25 MHz		

Common Information

EUT/Sample # / OM# : NVR2002 / 01 / 01
 Voltage/Frequency : 12 Vdc
 Port/Terminal under test : Enclosure
 Remark/Comment : EUT ON. TX modulated carrier at 927.25MHz



— Preview Result 2V-AVG — Preview Result 2H-AVG * PK+ — 07-1_FCC Part 15.205 Restricted Bands PK ◆ Final_Result PK+	— Preview Result 1V-PK+ — Preview Result 1H-PK+ AVG * 07-2_FCC Part 15.205 Restricted Bands AVG ◆ Final_Result AVG
--	--

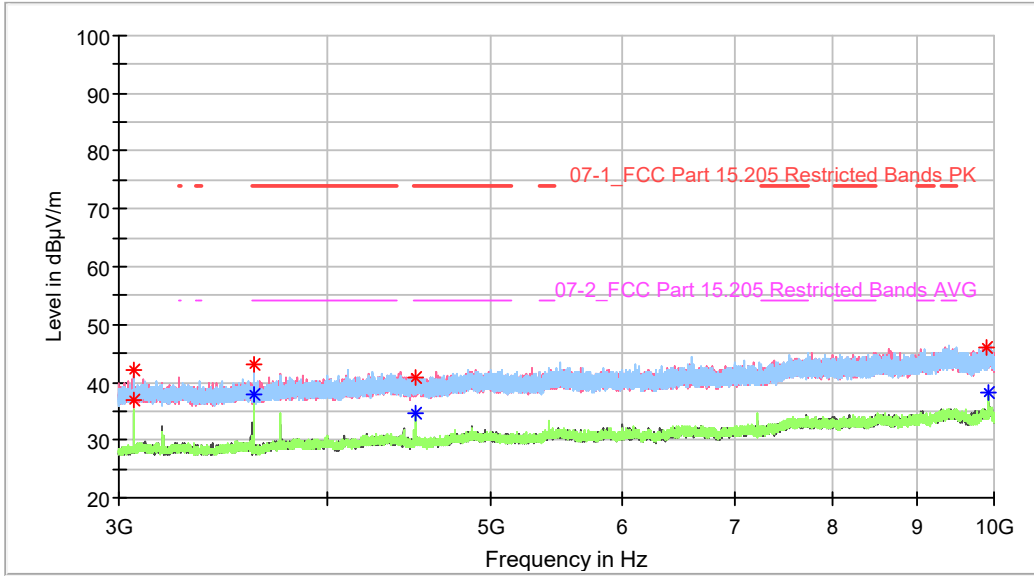
Final Result

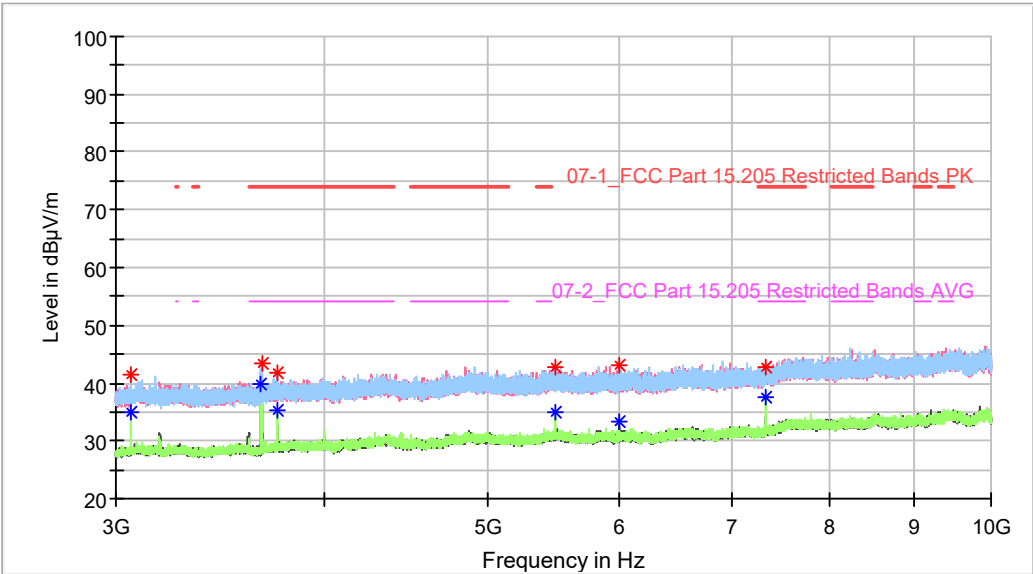
Frequency (MHz)	MaxPeak (dBµV/m)	Height (cm)	Pol	Azimuth (deg)
1500.000000	33.21	165.0	V	282.0
1625.200000	33.80	165.0	V	266.0

Supplementary information:

- The "Azimuth/Pol/Height" indicates the turn-table azimuth, the antenna polarization and the antenna height where the maximum emissions level was measured.
- The "Margin" is with reference to the emissions limit. A positive number indicates that the emission measurement is below the limit. A negative number indicates that the emission measurement exceeds the limit.

FREQUENCY RANGE 3 - 10 GHz:

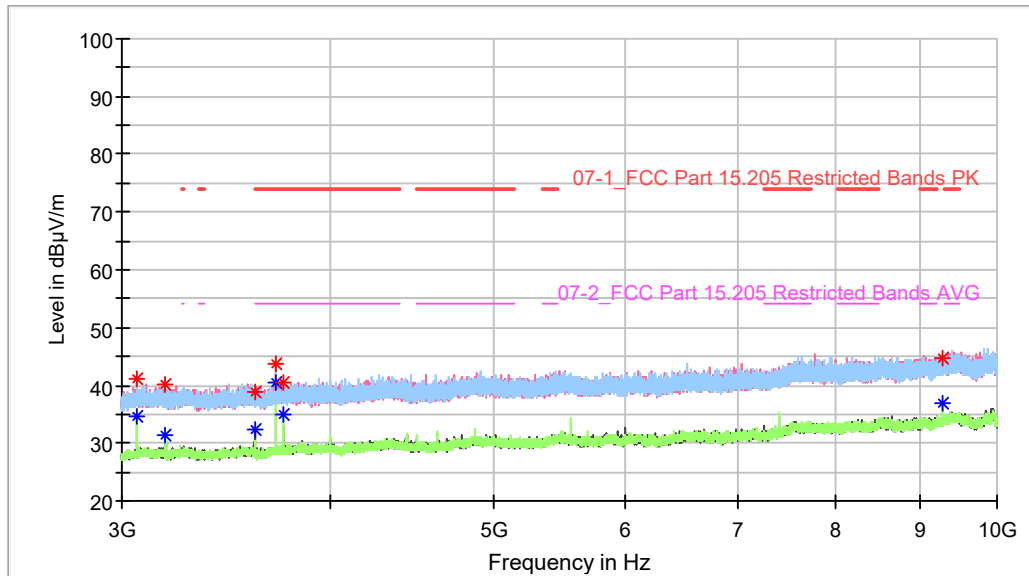
Measurement data		☒	Horizontal	☒	Vertical																														
Operating mode / Info			Mode 1 / TX Channel Low 902.75 MHz																																
Common Information																																			
EUT/Sample # / OM#		: NVR2002 / 01 / 01																																	
Voltage/Frequency		: 12 Vdc																																	
Port/Terminal under test		: Enclosure																																	
Remark/Comment		: EUT ON. TX modulated carrier at 902.75MHz																																	
 Preview Result 2V-AVG Preview Result 2H-AVG *Critical_Freqs AVG 07-1_FCC Part 15.205 Restricted Bands PK ◆Final_Result PK+ Preview Result 1V-PK+ Preview Result 1H-PK+ *Critical_Freqs PK+ 07-2_FCC Part 15.205 Restricted Bands AVG ◆Final_Result AVG																																			
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Measurement data	☒	Horizontal	☒	Vertical																																			
Operating mode / Info		Mode 1 / TX Channel Middle 916.25 MHz																																					
Common Information EUT/Sample # / OM# : NVR2002 / 01 / 01 Voltage/Frequency : 12 Vdc Port/Terminal under test : Enclosure Remark/Comment : EUT ON. TX modulated carrier at 916.25MHz																																							
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Final_Result <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>Frequency (MHz)</th> <th>MaxPeak (dBµV/m)</th> <th>Height (cm)</th> <th>Azimuth (deg)</th> <th>Pol</th> </tr> </thead> <tbody> <tr> <td>3062.300000</td> <td>41.53</td> <td>165.0</td> <td>83.0</td> <td>V</td> </tr> <tr> <td>3665.233333</td> <td>43.27</td> <td>165.0</td> <td>233.0</td> <td>H</td> </tr> <tr> <td>3749.933333</td> <td>41.70</td> <td>165.0</td> <td>26.0</td> <td>H</td> </tr> <tr> <td>5489.200000</td> <td>42.81</td> <td>165.0</td> <td>348.0</td> <td>H</td> </tr> <tr> <td>5999.500000</td> <td>42.99</td> <td>165.0</td> <td>256.0</td> <td>H</td> </tr> <tr> <td>7329.266667</td> <td>42.83</td> <td>165.0</td> <td>155.0</td> <td>H</td> </tr> </tbody> </table>					Frequency (MHz)	MaxPeak (dBµV/m)	Height (cm)	Azimuth (deg)	Pol	3062.300000	41.53	165.0	83.0	V	3665.233333	43.27	165.0	233.0	H	3749.933333	41.70	165.0	26.0	H	5489.200000	42.81	165.0	348.0	H	5999.500000	42.99	165.0	256.0	H	7329.266667	42.83	165.0	155.0	H
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Measurement data	☒	Horizontal	☒	Vertical
Operating mode / Info		Mode 1 / TX Channel high 927.25 MHz		

Common Information

EUT/Sample # / OM# : NVR2002 / 01 / 01
Voltage/Frequency : 12 Vdc
Port/Terminal under test : Enclosure
Remark/Comment : EUT ON. TX modulated carrier at 927.25MHz



— Preview Result 2V-AVG
— Preview Result 2H-AVG
* Critical_Freqs AVG
◆ 07-1_FCC Part 15.205 Restricted Bands PK
◆ Final_Result PK+
— Preview Result 1V-PK+
— Preview Result 1H-PK+
* Critical_Freqs PK+
— 07-2_FCC Part 15.205 Restricted Bands AVG
◆ Final_Result AVG

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Height (cm)	Azimuth (deg)	Pol
3062.300000	41.18	165.0	60.0	V
3187.366667	40.00	165.0	60.0	V
3599.900000	39.00	165.0	313.0	H
3709.100000	43.86	165.0	233.0	H
3750.166667	40.47	165.0	15.0	H
9274.800000	44.68	165.0	222.0	H

Supplementary information:

- The "Azimuth/Pol/Height" indicates the turn-table azimuth, the antenna polarization and the antenna height where the maximum emissions level was measured.
- The "Margin" is with reference to the emissions limit. A positive number indicates that the emission measurement is below the limit. A negative number indicates that the emission measurement exceeds the limit.

5 ANNEX 1 - MEASUREMENT UNCERTAINTIES

The table(s) below show(s) measurement uncertainties of the EMC test set-ups. The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%.

Emission tests	Uncertainty
Radiated emissions; 30 MHz – 180 MHz (Horz./Vert)	3.82 dB
Radiated emissions; 180 MHz – 1000 MHz (Horz./Vert)	2.61 dB
Radiated emissions; 1000 MHz – 18000 MHz (Horz./Vert)	2.92 dB
Radiated emissions; 18000 MHz – 26000 MHz (Horz./Vert)	2.15 dB
Emission tests	Uncertainty
Maximum output power and antenna gain	1.00 dB
Occupied Bandwidth/20dB Bandwidth	0.75 KHz
Dwell Time	0.85 ms
Band-edge emissions compliance	0.8 dB

6 ANNEX 2: USED EQUIPMENT

Test equipment used - Radiated Spurious Emissions (30MHz - 10 GHz)				
Equipment	Manufacturer	Model	Dekra ID	Cal. Due
EMI Test Receiver	Rohde-Schwarz	ESU26	126351	2024-52
Anechoic Chamber	Comtest	SAC-5m	129683	2025-13
Coaxial cable (5m)	Huber&Suhner	SUCOFLEX 126EA	134187	2025-51
Antenna	Rohde-Schwarz	HL562E	134929	2025-29
Notch filter	K&L Microwave	3TNF-500/1000-N/N	132550	2025-39
Coaxial cable (1m)	Huber&Suhner	SUCOFLEX 126EA	134185	2024-40
Double Horn Ridge antenna	Rohde-Schwarz	HF 907	134928	2025-27
Pre-Amplifier (1- 18 GHz)	BONN	BLMA 1-18-5G	134808	2025-40
Test-Control Software	Rohde-Schwarz	EMC32 V10.60.20	500005	---

Test equipment used – Conducted measurements				
Equipment	Manufacturer	Model	Dekra ID	
Signal analyser	Rohde & Schwarz	FSV40	132392	2025-03
Coaxial cable	Huber Suhner	Sucoflex 102EA	132525	2024-40
30 dB Attenuator	Narda	4776-30	132583-C	2025-06
Shielded Chamber	ETS Lindgren	RFD-100	135657	--
Power Supply	DELTA ELEKTRONIKA	SM 7020-D	127905	2026-36