



FCC TEST REPORT

Report Number : **709502605201-00B** Date of Issue: Aug. 01, 2026

Model : EVOLVE EP10 PRI ANT, EVOLVE EP10 SAB ANT, EVOLVE EP20 PRI ANT, EVOLVE EP20 SAB ANT

Product Type : NEO V3.0 EAS RF Detection System

Applicant : Checkpoint Systems, Inc.

Address : 101 Wolf Drive, Thorofare, New Jersey 08086, USA

Manufacturer : Checkpoint Systems, Inc.

Address : 101 Wolf Drive, Thorofare, New Jersey 08086, USA

Test Result : ☒ **Positive** ☐ **Negative**

Total pages including
Appendices : 49



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2 Report Modification Record

Alterations and additions to this report will be issued to the holders of each copy in the form of a complete document.

Issue	Description of Change	Date of Issue
709502605201-00B	First Issue	08/01/2026

3 Details about the Test Laboratory

Details about the Test Laboratory

Test Site 1

Company name: TÜV SÜD Products Testing (Shanghai) Co., Ltd.
No.16 Lane, 1951 Du Hui Road,
Shanghai 201108,
P.R. China

Telephone: +86 21 6037 6300

FCC Registration No.: 820234

FCC Designation Number: CN1183

ISED CAB identifier: CN0101

IC Registration No.: 31668

4 Summary of Test Standards

Product:	NEO V3.0 EAS RF Detection System
Model no.:	EVOLVE EP10 PRI ANT, EVOLVE EP10 SAB ANT, EVOLVE EP20 PRI ANT, EVOLVE EP20 SAB ANT
FCC ID:	DO4EP10
Rating:	DC 24V, 2.1A
RF Transmission Frequency:	For EAS detector systems: 8.575MHz, 8.425 MHz, 8.275MHz, 8.125MHz, 7.975 MHz, 7.825MHz
No. of Operated Channel:	For EAS detector systems: 8.575MHz, 8.425 MHz, 8.275MHz, 8.125MHz, 7.975 MHz, 7.825MHz
Modulation:	For EAS detector systems: Pulse
Hardware Version:	REV3
Software Version:	v5.14r/3.2.3
Antenna Type:	Loop antenna
Description of the EUT:	The Equipment Under Test (EUT) is a NEO V3.0 EAS RF Detection System with EAS detector function.
Test sample no.:	SHA-1045631-1 (Configuration 1 refer to Page 7) SHA-1045631-2 (Configuration 2 refer to Page 7)

The sample's mentioned in this report is/are submitted/ supplied/ manufactured by client. The laboratory therefore assumes no responsibility for accuracy of information on the brand name, model number, origin of manufacture, consignment or any information supplied.



5 Summary of Test Standards

Test Standards	
FCC Part 15 Subpart C 10-1-2024 Edition	PART 15 - RADIO FREQUENCY DEVICES Subpart C - Intentional Radiators

All the test methods were according to ANSI C63.4-2014 and ANSI C63.10-2020.



6 Summary of Test Results

Technical Requirements			
FCC Part 15 Subpart C			
Test Condition		Test Site	Test Result
§15.207	Conducted emission AC power port	Test Site 1	Pass
§15.223(a) §15.223(b) §15.205	Radiated Emission, 9KHz to 1000MHz	Test Site 1	Pass
§15.223(a)	6dB Bandwidth Measurement	Test Site 1	Pass
§15.203	Antenna requirement	See Note 2	Pass

Note 1: N/A=Not Applicable. Conducted emission is not apply for battery operated device.

Note 2: The EUT uses undetachable antennas, antenna information is listed in section 7.

7 General Remarks

Remarks

This submittal(s) (test report) is intended for FCC ID: DO4EP10 complies with Section 15.207, 15.205, 15.223 of the FCC Part 15, Subpart C Rules.

The Equipment Under Test (EUT) was a NEO V3.0 EAS RF Detection System with 8.2MHz EAS detector systems.

According to client's declaration, the electrical constructions for EVOLVE EP10 and EVOLVE EP20 are similar. The difference is the size and 8.2MHz EAS antenna. EVOLVE EP10 (1728mm X 508mm X 76mm) is larger than EVOLVE EP20 (1728mm X 343mm X 76mm).

There are two configurations for EUT,

1. PRI/PAB: the PRI/PAB of the EUT working alone.
2. PAB-SAB: both the PRI/PAB and SAB of the EUT working together

So model EVOLVE EP10 with two configurations were chosen to perform all the tests.

Testing was performed at channel 8.575MHz, 8.425 MHz, 8.275MHz, 8.125MHz, 7.975 MHz, 7.825MHz with 2 configuration, the worst data was listed in this report.

SUMMARY:

All tests according to the regulations cited on page 8 were

■ - Performed

□ - **Not** Performed

The Equipment Under Test

■ - **Fulfills** the general approval requirements.

□ - **Does not** fulfill the general approval requirements.

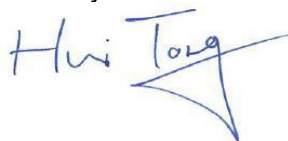
Sample Received Date: July 6, 2026

Testing Start Date: July 14, 2026

Testing End Date: July 29, 2026

- TÜV SÜD Products Testing (Shanghai) Co., Ltd.

Reviewed by:



Hui TONG
Reviewer

Prepared by:



Wenqiang LU
Project Handler

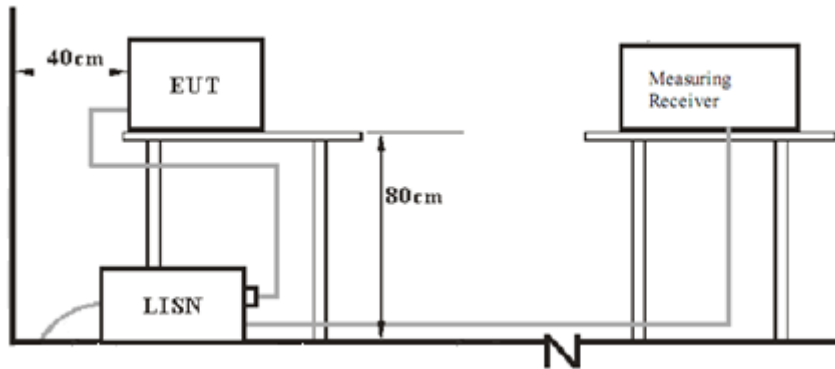
Tested by:



Chengjie GUO
Test Engineer

8 Test Setups

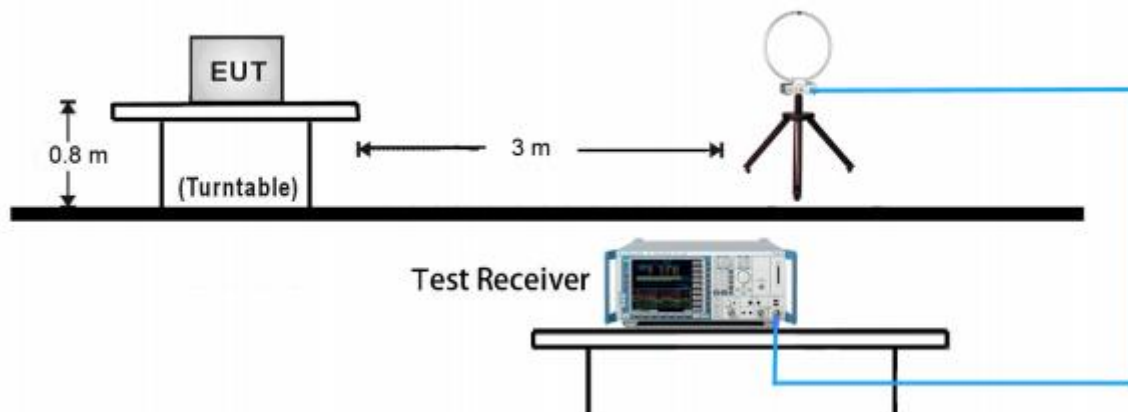
8.1 AC Power Line Conducted Emission test setups



Note: for floor-standing equipment, the supporting table (80 cm) shall be replaced by a insulating material (up to 12 mm thick).

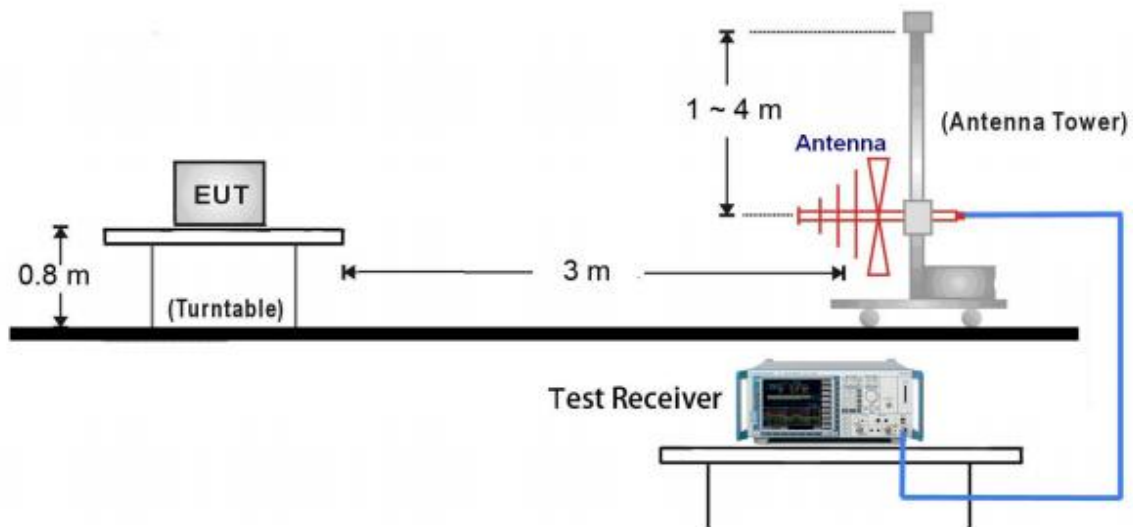
8.2 Radiated test setups

9kHz ~ 30MHz Test Setup:



Note: for floor-standing equipment, the supporting table (80 cm) shall be replaced by a insulating material (up to 12 mm thick).

30MHz ~ 1GHz Test Setup:



Note: for floor-standing equipment, the supporting table (80 cm) shall be replaced by a insulating material (up to 12 mm thick).

9 Systems test configuration

Auxiliary Equipment Used during Test:

DESCRIPTION	MANUFACTURER	MODEL NO.(SHIELD)	S/N(LENGTH)
Notebook	Lenove	E470	PF-OU5TS7 17/09
Power supply	--	DVPYSUS50W240210	NA
Alert HyperGuard system	Checkpoint	hyperguard	NA
LM808 WiFi USB Adapter 433Mbps	--	808-04xx	NA
SMART KEY SWITCH	--	--	NA

10 Test Methodology

10.1 Conducted Emission

Test Method

1. The EUT was placed on a table, which is 0.8m above ground plane
2. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.).
3. Maximum procedure was performed to ensure EUT compliance
4. An EMI test receiver is used to test the emissions from both sides of AC line

Limit

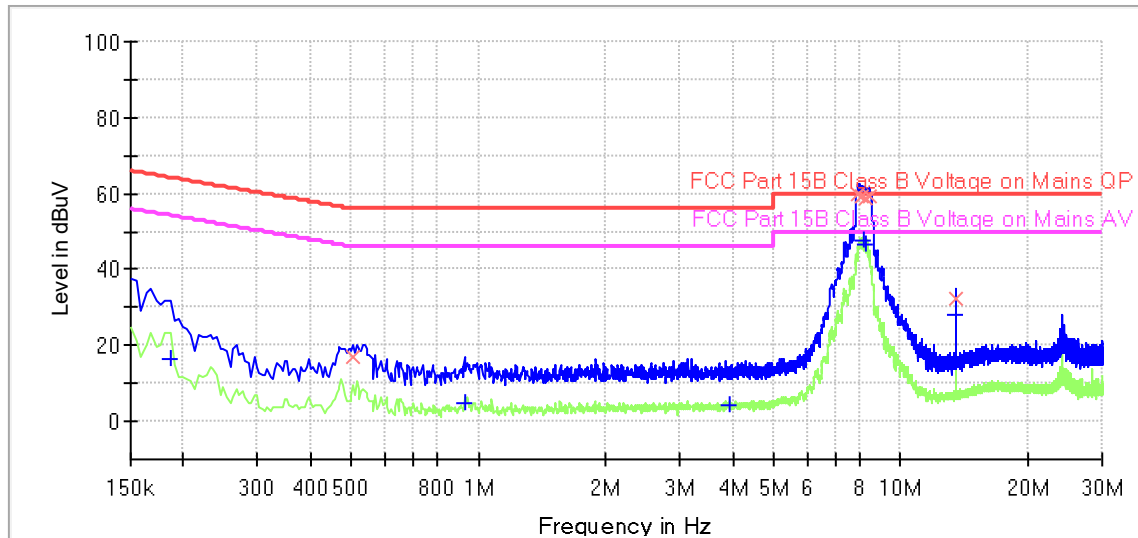
According to §15.207, conducted emissions limit as below:

Frequency MHz	QP Limit dB μ V	AV Limit dB μ V
0.150-0.500	66-56*	56-46*
0.500-5	56	46
5-30	60	50

*Decreasing linearly with logarithm of the frequency

Conducted Emission Test Result

Product Type : NEO V3.0 EAS RF Detection System
 M/N : EVOLVE EP10 PRI/PAB
 Operating Condition : Continuously Scanning for RF Tag, TX=29, RX=31 with 8.2MHz Antenna
 Test Specification : L-line
 Comment : AC 120V/60Hz

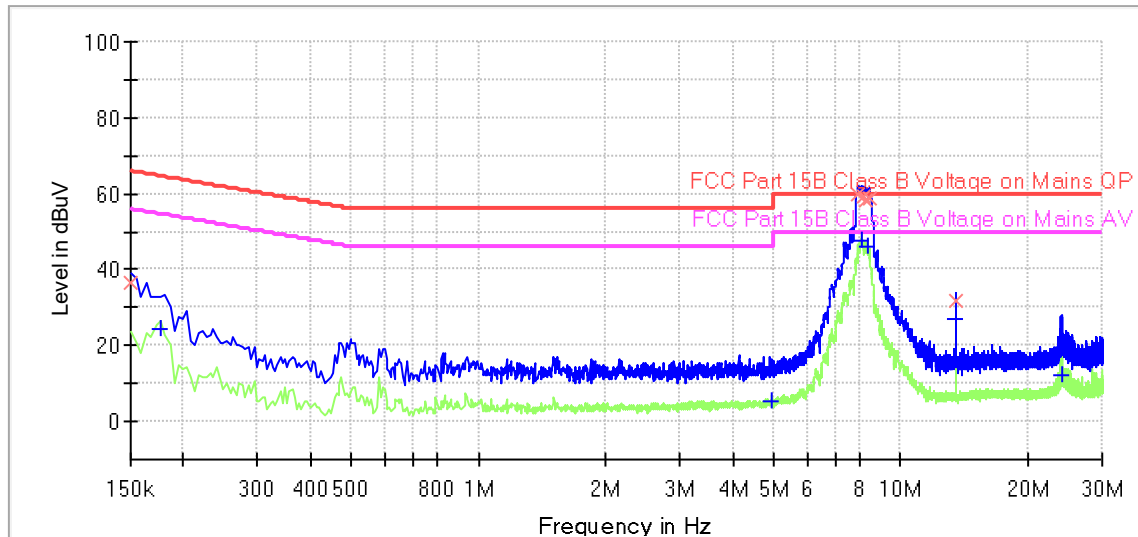


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.186000	---	16.35	54.21	37.86	1000.0	9.000	L1	19.4
0.505500	16.80	---	56.00	39.20	1000.0	9.000	L1	19.4
0.928500	---	4.84	46.00	41.16	1000.0	9.000	L1	19.4
3.948000	---	4.37	46.00	41.63	1000.0	9.000	L1	19.5
7.953000	59.85	---	60.00	0.15	1000.0	9.000	L1	19.6
8.115000	59.28	---	60.00	0.72	1000.0	9.000	L1	19.6
8.133000	---	47.55	50.00	2.45	1000.0	9.000	L1	19.6
8.259000	58.80	---	60.00	1.20	1000.0	9.000	L1	19.6
8.308500	---	46.57	50.00	3.43	1000.0	9.000	L1	19.6
8.416500	59.10	---	60.00	0.90	1000.0	9.000	L1	19.6
13.560000	---	28.07	50.00	21.93	1000.0	9.000	L1	19.7
13.560000	32.47	---	60.00	27.53	1000.0	9.000	L1	19.7

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)
 Factor (dB) = Cable Loss (dB) + LISN Factor (dB) + 10dB Attenuator

Product Type : NEO V3.0 EAS RF Detection System
 M/N : EVOLVE EP10 PRI/PAB
 Operating Condition : Continuously Scanning for RF Tag, TX=29, RX=31 with 8.2MHz Antenna
 Test Specification : N-line
 Comment : AC 120V/60Hz

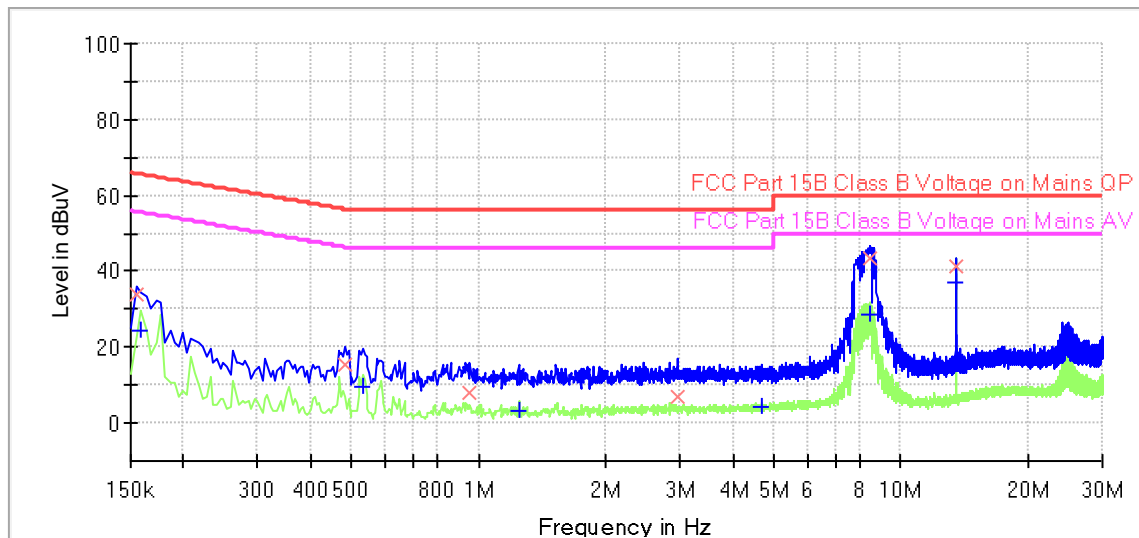


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.150000	36.52	---	66.00	29.48	1000.0	9.000	N	19.5
0.177000	---	24.39	54.63	30.24	1000.0	9.000	N	19.5
4.969500	---	5.12	46.00	40.88	1000.0	9.000	N	19.5
7.953000	59.88	---	60.00	0.12	1000.0	9.000	N	19.6
8.074500	---	47.72	50.00	2.28	1000.0	9.000	N	19.6
8.133000	59.37	---	60.00	0.63	1000.0	9.000	N	19.6
8.272500	58.24	---	60.00	1.76	1000.0	9.000	N	19.6
8.353500	---	45.83	50.00	4.17	1000.0	9.000	N	19.6
8.412000	58.64	---	60.00	1.36	1000.0	9.000	N	19.6
13.560000	---	27.26	50.00	22.74	1000.0	9.000	N	19.7
13.560000	31.62	---	60.00	28.38	1000.0	9.000	N	19.7
23.986500	---	12.44	50.00	37.56	1000.0	9.000	N	20.2

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)
 Factor (dB) = Cable Loss (dB) + LISN Factor (dB) + 10dB Attenuator

Product Type : NEO V3.0 EAS RF Detection System
 M/N : EVOLVE EP10 PRI/PAB
 Operating Condition : Continuously Scanning for RF Tag, TX=29, RX=31 with 50Ω Resistance (a suitable dummy load in lieu of the antenna)
 Test Specification : L-line
 Comment : AC 120V/60Hz

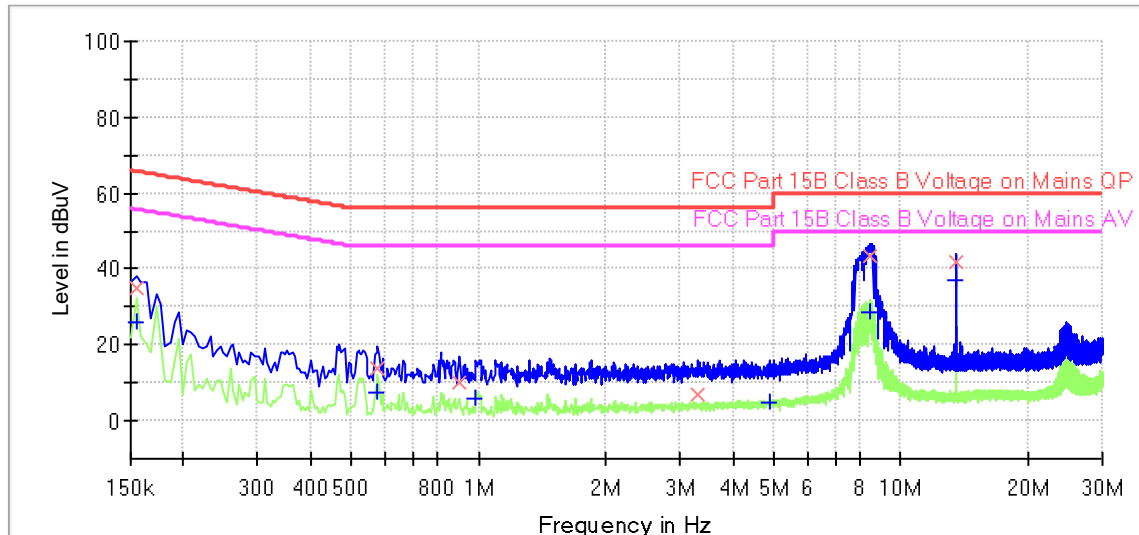


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.154500	34.13	---	65.75	31.62	1000.0	9.000	L1	19.5
0.159000	---	24.25	55.52	31.27	1000.0	9.000	L1	19.5
0.483000	15.36	---	56.29	40.93	1000.0	9.000	L1	19.4
0.532500	---	9.61	46.00	36.39	1000.0	9.000	L1	19.4
0.955500	8.02	---	56.00	47.98	1000.0	9.000	L1	19.4
1.243500	---	3.44	46.00	42.56	1000.0	9.000	L1	19.4
2.953500	6.88	---	56.00	49.12	1000.0	9.000	L1	19.4
4.672500	---	4.12	46.00	41.88	1000.0	9.000	L1	19.5
8.425500	---	28.62	50.00	21.38	1000.0	9.000	L1	19.6
8.448000	43.32	---	60.00	16.68	1000.0	9.000	L1	19.6
13.560000	---	36.92	50.00	13.08	1000.0	9.000	L1	19.7
13.560000	41.56	---	60.00	18.44	1000.0	9.000	L1	19.7

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)
 Factor (dB) = Cable Loss (dB) + LISN Factor (dB) + 10dB Attenuator

Product Type : NEO V3.0 EAS RF Detection System
 M/N : EVOLVE EP10 PRI/PAB
 Operating Condition : Continuously Scanning for RF Tag, TX=29, RX=31 with 50Ω Resistance (a suitable dummy load in lieu of the antenna)
 Test Specification : N-line
 Comment : AC 120V/60Hz

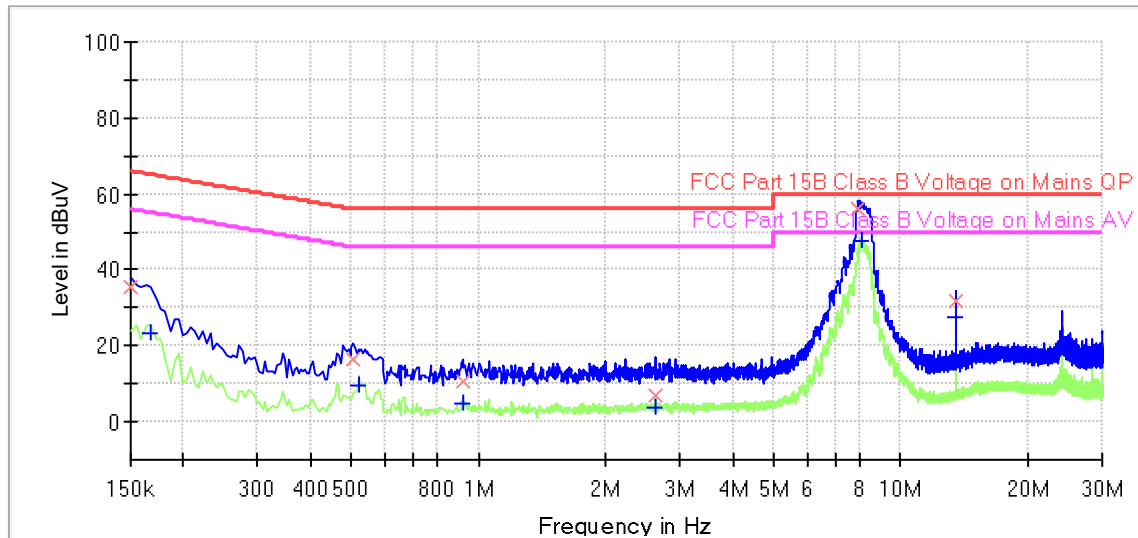


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.154500	---	25.76	55.75	29.99	1000.0	9.000	N	19.5
0.154500	34.99	---	65.75	30.76	1000.0	9.000	N	19.5
0.577500	---	7.55	46.00	38.45	1000.0	9.000	N	19.5
0.577500	13.71	---	56.00	42.29	1000.0	9.000	N	19.5
0.901500	10.07	---	56.00	45.93	1000.0	9.000	N	19.4
0.987000	---	5.74	46.00	40.26	1000.0	9.000	N	19.4
3.300000	6.80	---	56.00	49.20	1000.0	9.000	N	19.4
4.911000	---	4.63	46.00	41.37	1000.0	9.000	N	19.5
8.416500	43.49	---	60.00	16.51	1000.0	9.000	N	19.6
8.443500	---	28.77	50.00	21.23	1000.0	9.000	N	19.6
13.560000	---	36.98	50.00	13.02	1000.0	9.000	N	19.7
13.560000	41.66	---	60.00	18.34	1000.0	9.000	N	19.7

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)
 Factor (dB) = Cable Loss (dB) + LISN Factor (dB) + 10dB Attenuator

Product Type : NEO V3.0 EAS RF Detection System
 M/N : EVOLVE EP10 PRI/PAB, EVOLVE EP10 SAB
 Operating Condition : Continuously Scanning for RF Tag, TX=31, RX=31 with 8.2MHz Antenna
 Test Specification : L-line
 Comment : AC 120V/60Hz



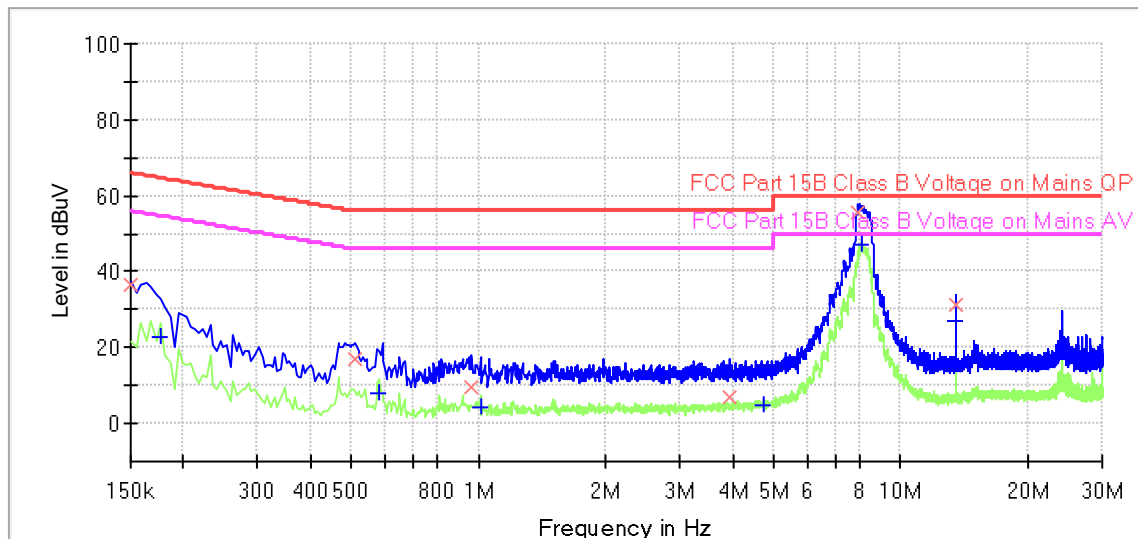
Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.150000	35.62	---	66.00	30.38	1000.0	9.000	L1	19.5
0.168000	---	23.47	55.06	31.59	1000.0	9.000	L1	19.4
0.505500	16.63	---	56.00	39.37	1000.0	9.000	L1	19.4
0.519000	---	9.37	46.00	36.63	1000.0	9.000	L1	19.4
0.915000	---	4.62	46.00	41.38	1000.0	9.000	L1	19.4
0.915000	10.47	---	56.00	45.53	1000.0	9.000	L1	19.4
2.629500	6.67	---	56.00	49.33	1000.0	9.000	L1	19.4
2.629500	---	3.79	46.00	42.21	1000.0	9.000	L1	19.4
7.953000	56.27	---	60.00	3.73	1000.0	9.000	L1	19.6
8.092500	---	47.50	50.00	2.50	1000.0	9.000	L1	19.6
13.560000	---	27.42	50.00	22.58	1000.0	9.000	L1	19.7
13.560000	31.79	---	60.00	28.21	1000.0	9.000	L1	19.7

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB) + 10dB Attenuator

Product Type : NEO V3.0 EAS RF Detection System
 M/N : EVOLVE EP10 PRI/PAB, EVOLVE EP10 SAB
 Operating Condition : Continuously Scanning for RF Tag, TX=31, RX=31 with 8.2MHz Antenna
 Test Specification : N-line
 Comment : AC 120V/60Hz

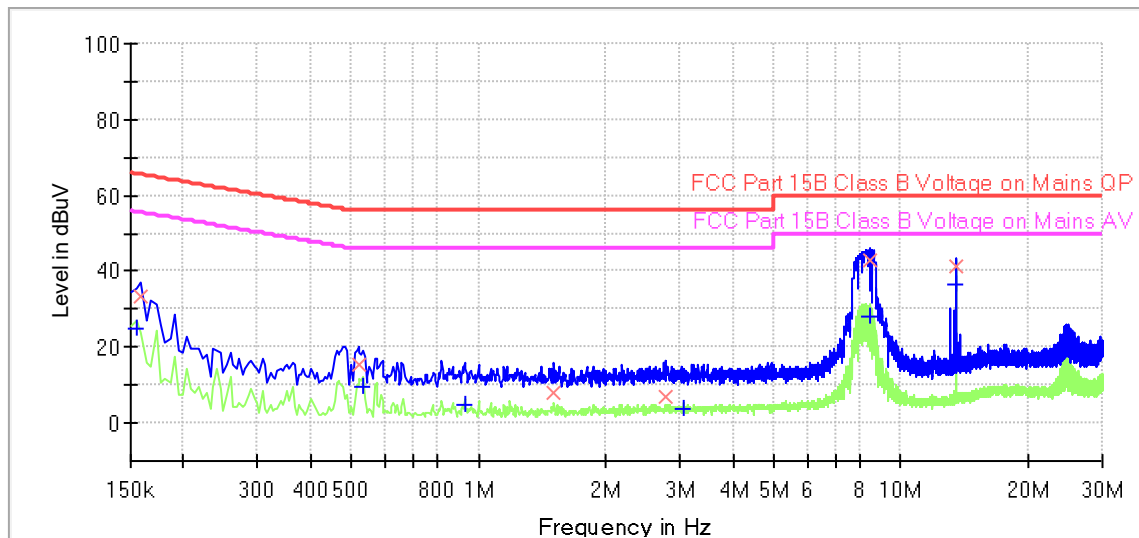


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.150000	36.43	---	66.00	29.57	1000.0	9.000	N	19.5
0.177000	---	22.77	54.63	31.86	1000.0	9.000	N	19.5
0.510000	16.87	---	56.00	39.13	1000.0	9.000	N	19.5
0.582000	---	8.16	46.00	37.84	1000.0	9.000	N	19.5
0.964500	9.59	---	56.00	46.41	1000.0	9.000	N	19.4
1.009500	---	4.53	46.00	41.47	1000.0	9.000	N	19.4
3.925500	7.08	---	56.00	48.92	1000.0	9.000	N	19.5
4.717500	---	4.85	46.00	41.15	1000.0	9.000	N	19.5
7.953000	55.83	---	60.00	4.17	1000.0	9.000	N	19.6
8.101500	---	46.88	50.00	3.12	1000.0	9.000	N	19.6
13.560000	---	26.93	50.00	23.07	1000.0	9.000	N	19.7
13.560000	31.27	---	60.00	28.73	1000.0	9.000	N	19.7

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)
 Factor (dB) = Cable Loss (dB) + LISN Factor (dB) + 10dB Attenuator

Product Type : NEO V3.0 EAS RF Detection System
 M/N : EVOLVE EP10 PRI/PAB, EVOLVE EP10 SAB
 Operating Condition : Continuously Scanning for RF Tag, TX=31, RX=31 with 50Ω Resistance (a suitable dummy load in lieu of the antenna)
 Test Specification : L-line
 Comment : AC 120V/60Hz

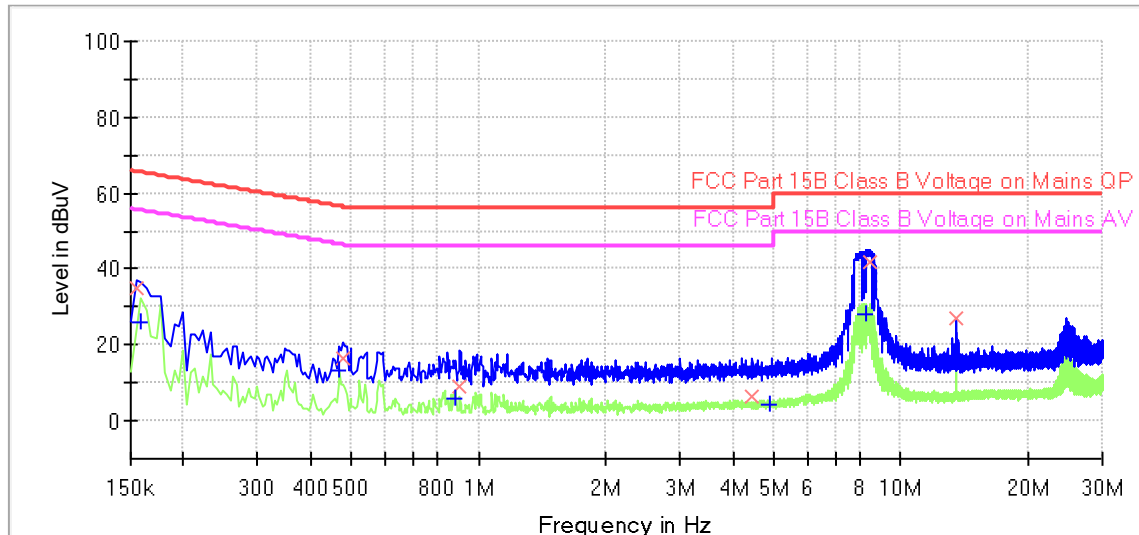


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.154500	---	24.64	55.75	31.11	1000.0	9.000	L1	19.5
0.159000	33.59	---	65.52	31.93	1000.0	9.000	L1	19.5
0.519000	15.33	---	56.00	40.67	1000.0	9.000	L1	19.4
0.532500	---	9.61	46.00	36.39	1000.0	9.000	L1	19.4
0.928500	---	4.76	46.00	41.24	1000.0	9.000	L1	19.4
1.509000	7.76	---	56.00	48.24	1000.0	9.000	L1	19.4
2.764500	6.69	---	56.00	49.31	1000.0	9.000	L1	19.4
3.057000	---	3.77	46.00	42.23	1000.0	9.000	L1	19.4
8.416500	42.91	---	60.00	17.09	1000.0	9.000	L1	19.6
8.461500	---	28.12	50.00	21.88	1000.0	9.000	L1	19.6
13.560000	---	36.51	50.00	13.49	1000.0	9.000	L1	19.7
13.560000	41.16	---	60.00	18.84	1000.0	9.000	L1	19.7

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)
 Factor (dB) = Cable Loss (dB) + LISN Factor (dB) + 10dB Attenuator

Product Type : NEO V3.0 EAS RF Detection System
 M/N : EVOLVE EP10 PRI/PAB, EVOLVE EP10 SAB
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 Test Specification : N-line
 Comment : AC 120V/60Hz



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.154500	34.90	---	65.75	30.85	1000.0	9.000	N	19.5
0.159000	---	25.76	55.52	29.76	1000.0	9.000	N	19.5
0.469500	---	13.25	46.52	33.27	1000.0	9.000	N	19.5
0.478500	16.32	---	56.37	40.05	1000.0	9.000	N	19.5
0.883500	---	6.02	46.00	39.98	1000.0	9.000	N	19.4
0.901500	8.80	---	56.00	47.20	1000.0	9.000	N	19.4
4.456500	6.41	---	56.00	49.59	1000.0	9.000	N	19.5
4.875000	---	4.50	46.00	41.50	1000.0	9.000	N	19.5
8.272500	---	27.83	50.00	22.17	1000.0	9.000	N	19.6
8.421000	41.81	---	60.00	18.19	1000.0	9.000	N	19.6
13.569000	27.27	---	60.00	32.73	1000.0	9.000	N	19.7
24.657000	---	18.18	50.00	31.82	1000.0	9.000	N	20.1

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)
 Factor (dB) = Cable Loss (dB) + LISN Factor (dB) + 10dB Attenuator

10.2 Radiated Emission

Test Method

- 1: The EUT was placed on a turn table which is 1.5m above ground plane for above 1GHz and 0.8m above ground for below 1GHz at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- 2: The EUT was set 3 meters away from the interference – receiving antenna, which was mounted on the top of a variable – height antenna tower.
- 3: The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- 4: For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- 5: Use the following spectrum analyzer settings According to C63.10:
9kHz -150kHz
RBW = 200Hz, VBW = 1kHz for peak measurement, Sweep = auto,
Detector function = peak, Trace = max hold.
150kHz - 30MHz
RBW = 10 kHz, VBW = 30 kHz for peak measurement, Sweep = auto,
Detector function = peak, Trace = max hold.
30MHz - 1GHz
RBW = 100 kHz, VBW = 300 kHz for peak measurement, Sweep = auto,
Detector function = peak, Trace = max hold.
For Above 1GHz
RBW = 1MHz, VBW $\geq$ 3RBW for peak measurement, Sweep = auto, Detector function = peak,
Trace = max hold.

Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 KHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for peak detection (PK) at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for RMS Average (duty cycle $\geq$ 98%) for peak detection at frequency above 1GHz.
4. If the emission is pulsed (duty cycle $<$ 98%), modify the unit for continuous operation: use the settings shown above, then correct the reading by subcontracting the peak to average duty cycle correction factor $20\log(\text{duty cycle})$, derived from the appropriate duty cycle calculation.

Limit

According to § 15.223

(a) The field strength of any emission within the band 1.705-10.0 MHz shall not exceed 100 microvolts/meter at a distance of 30 meters. However, if the bandwidth of the emission is less than 10% of the center frequency, the field strength shall not exceed 15 microvolts/meter or (the bandwidth of the device in kHz) divided by (the center frequency of the device in MHz) microvolts/meter at a distance of 30 meters, whichever is the higher level. For the purposes of this section, bandwidth is determined at the points 6 dB down from the modulated carrier. The emission limits in this paragraph are based on measurement instrumentation employing an average detector. The provisions in [§ 15.35\(b\)](#) for limiting peak emissions apply.

(b) The field strength of emissions outside of the band 1.705-10.0 MHz shall not exceed the general radiated emission limits in [§ 15.209](#).

§15.223(a)

Frequency MHz	Field Strength uV/m	Detector	Measured Distance Meters
1.705~10	100	AV	30
1.705~10	1000	PK	30

Below 30MHz

§15.223(b) & 15.209 & §15.205

Frequency MHz	Field Strength uV/m	Detector	Measured Distance Meters
0.009~0.090	2400/F (kHz)	AV	300
0.090~0.110	2400/F (kHz)	QP	300
0.110~0.490	2400/F (kHz)	AV	300
0.490~1.705	24000/F (kHz)	QP	30
1.705~30	30	QP	30

Note 1: Limit 3m(dBμV/m)=Limit 300m(dBμV/m)+40Log(300m/3m) (Below 30MHz)

Note 2: Limit 3m(dBμV/m)=Limit 30m(dBμV/m)+40Log(30m/3m) (Below 30MHz)

Note 3: dBμV/m = 20log(μV/m)

Above 30MHz

§15.223(b) & §15.209 & §15.205

Frequency MHz	Field Strength uV/m	Field Strength dBμV/m	Detector	Measured Distance Meters
30-88	100	40	QP	3
88-216	150	43.5	QP	3
216-960	200	46	QP	3
960-1000	500	54	QP	3
Above 1000	500	54	AV	3
Above 1000	5000	74	PK	3

Test Result

Spectrum Analyzer Desensitization Considerations

Due to the nature of the emissions being measured, a pulse desensitization calculation was utilized in order to provide accurate peak measurements. The following formula was utilized:

τ_{eff} = Minimum Pulse Width = 4.8 μ S

K = 1.5

B = Bandwidth utilized for measurement = 10 kHz

$$\text{Pulse Desensitization Factor (dB)} = 20 \log_{10} \tau_{eff} \times K \times B$$

$$\text{Pulse Desensitization Factor (dB)} = 20 \log_{10} 4.8 \mu\text{S} \times 1.5 \times 10\text{KHz}$$

$$\text{Pulse Desensitization Factor (dB)} = 22.9$$

Duty Cycle Correction for Average Reading

In accordance with ANSI C63.10 Paragraph 7.5, the below equation was utilized in order to determine the Average value of a pulsed emission:

For Configuration 1

During a transmission cycle (frame):

The maximum duty cycle: $4.8 \mu\text{s} \times 48 / 15.16 \text{ ms} = 1.5\%$.

CALCULATION

Duty Cycle = 1.5 %

Correction Factor = $20 \log (0.015) = -36.5 \text{ dB}$

For Configuration 2

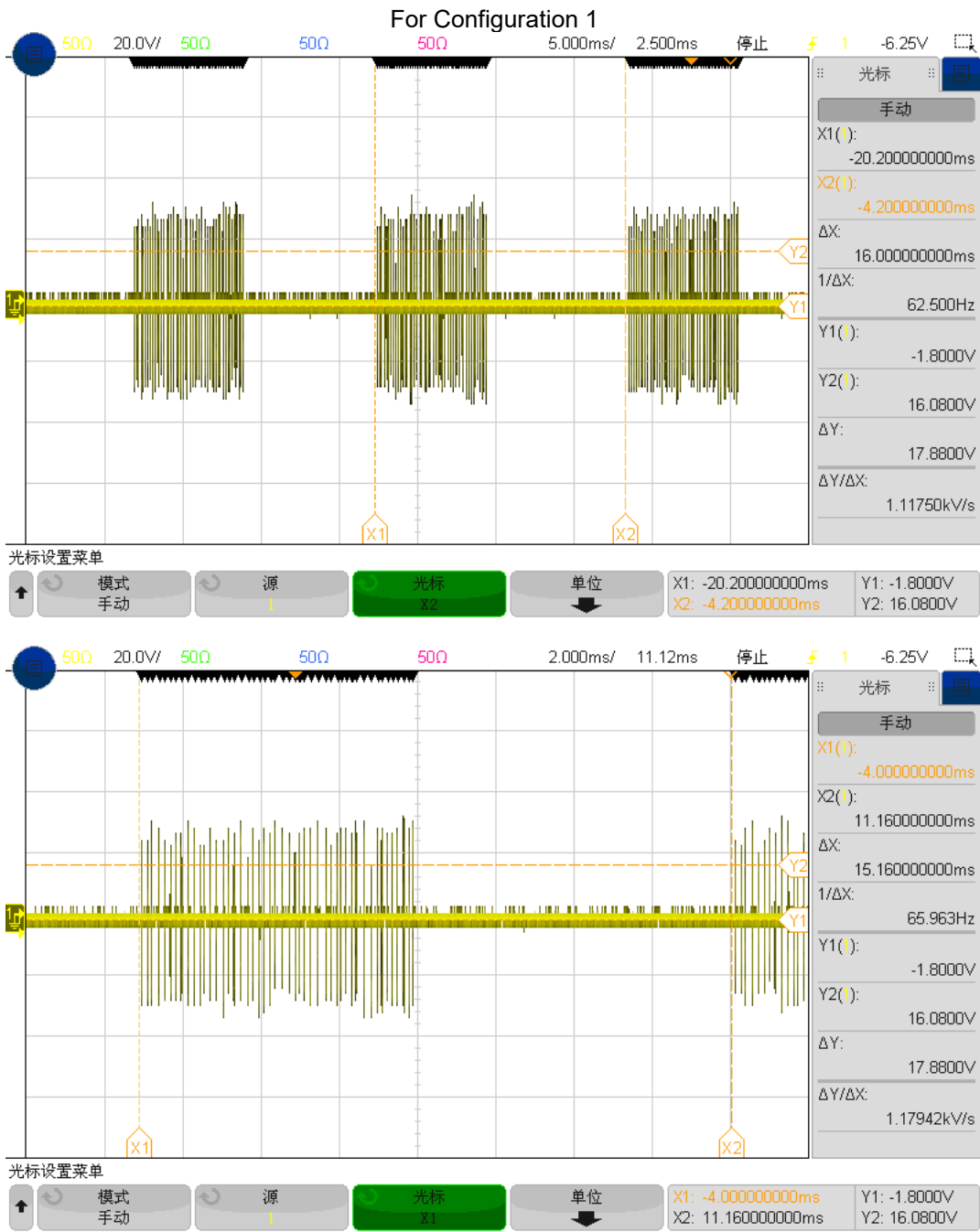
During a transmission cycle (frame):

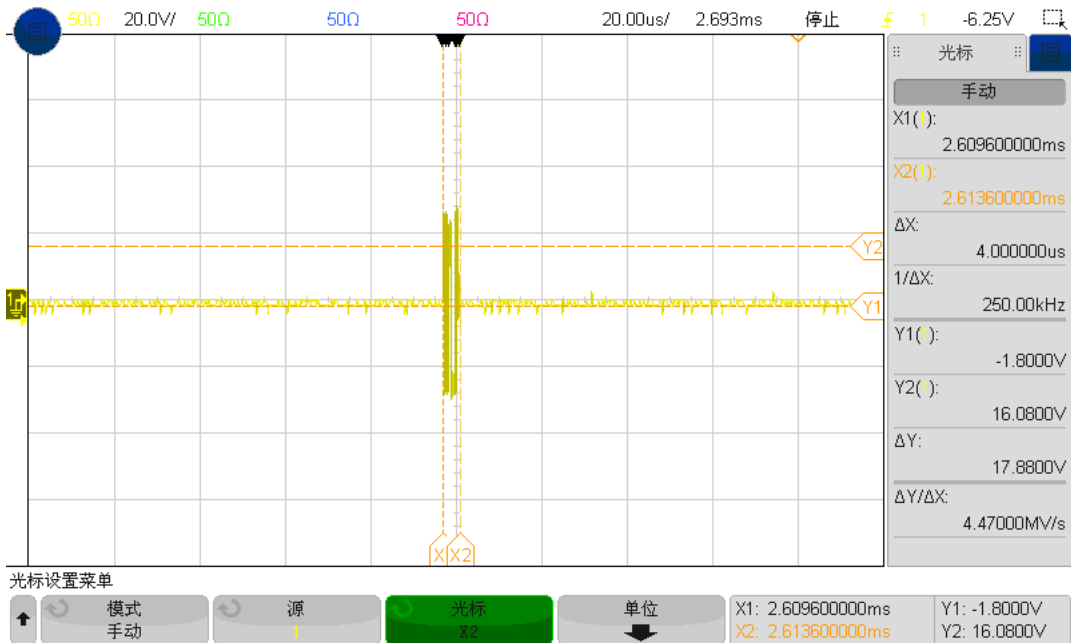
The maximum duty cycle: $4.8 \mu\text{s} \times 48 / 15.38 \text{ ms} = 1.5\%$.

CALCULATION

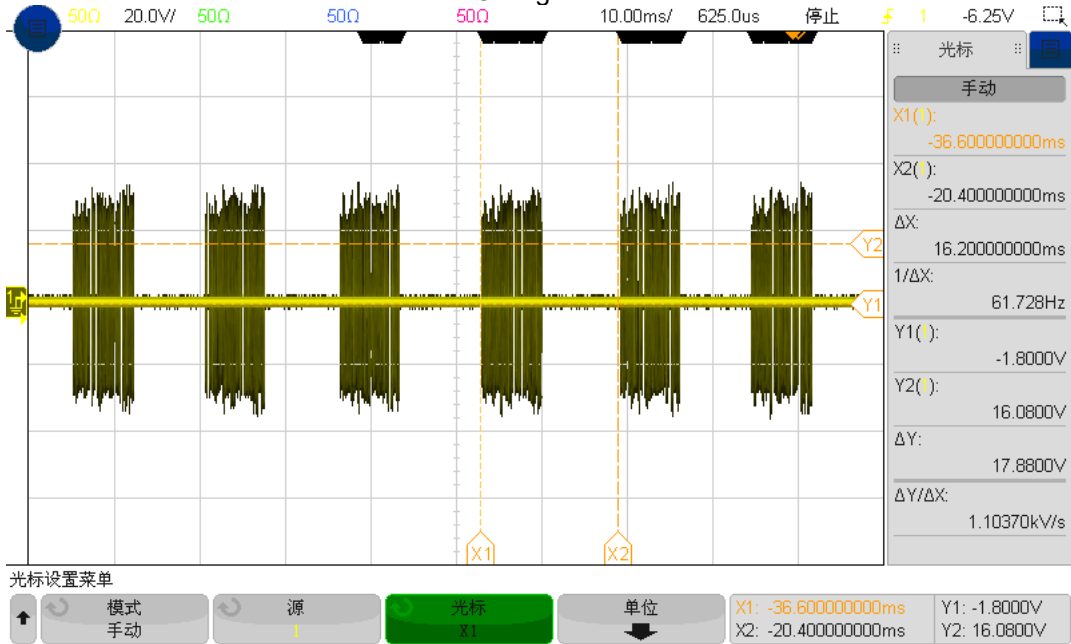
Duty Cycle = 1.5 %

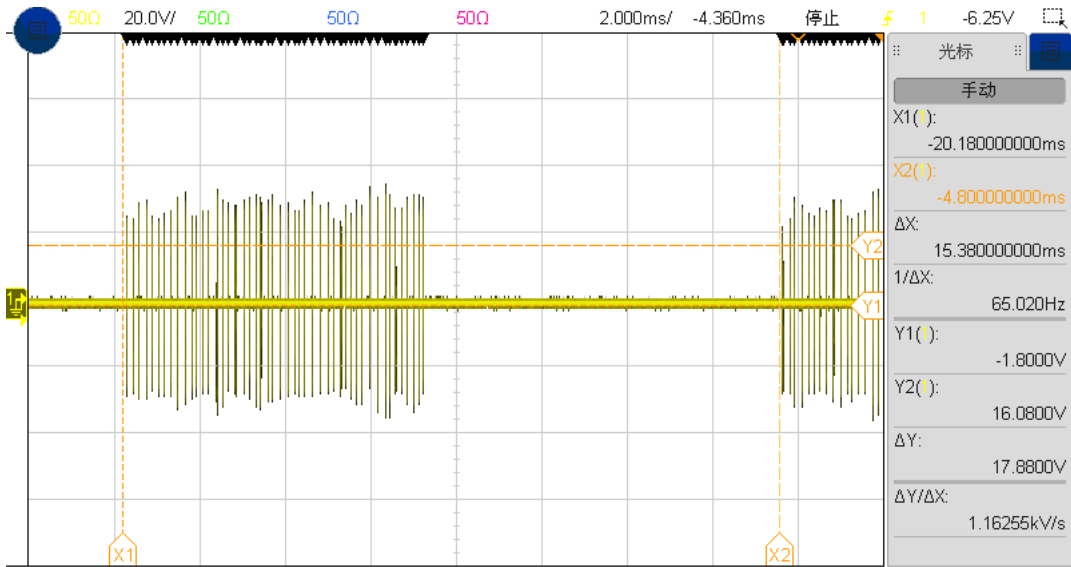
Correction Factor = $20 \log (0.016) = -36.5 \text{ dB}$





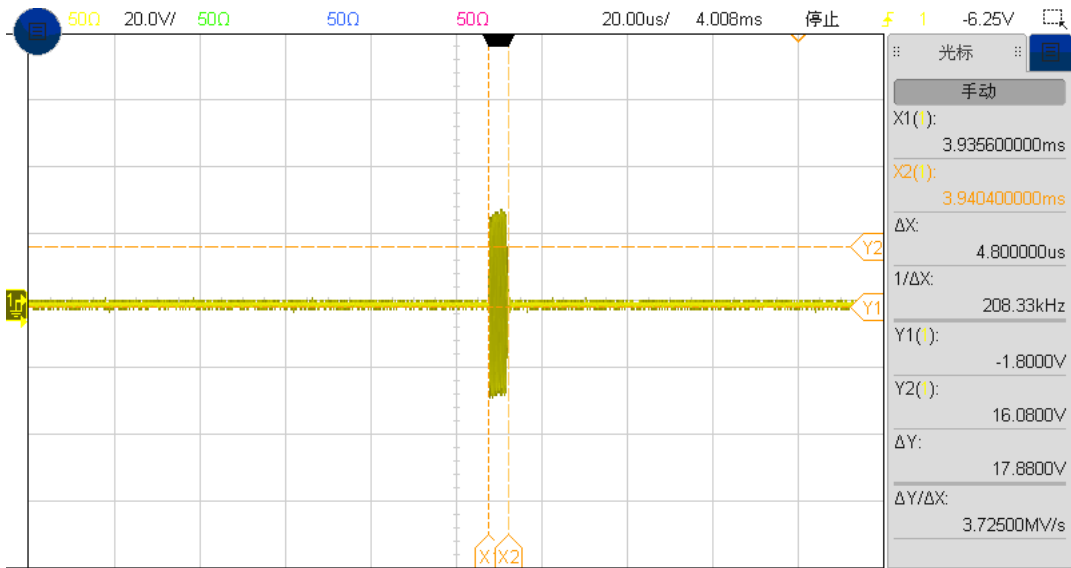
For Configuration 2





光标设置菜单

↑ 模式 源 光标 单位 X1: -20.18000000ms Y1: -1.8000V
手动 1 X2: -4.80000000ms Y2: 16.0800V



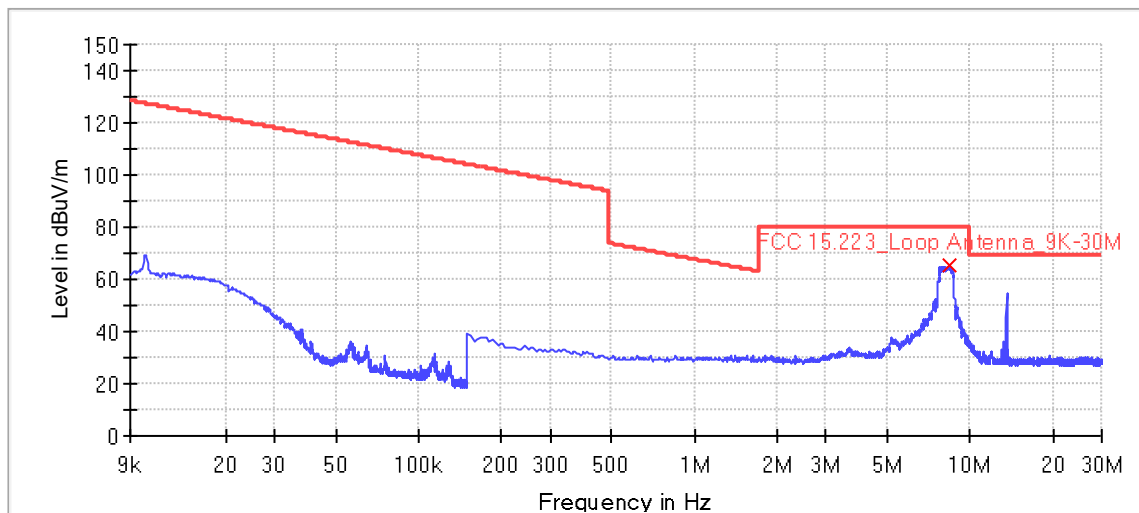
光标设置菜单

↑ 模式 源 光标 单位 X1: 3.93560000ms Y1: -1.8000V
手动 1 X2: 3.94040000ms Y2: 16.0800V

The field strength emission for transmitter

Transmitting field strength emission test result as below

EUT: NEO V3.0 EAS RF Detection System Mode: EVOLVE EP10 (Configuration 1)	Power: AC 120V,60Hz
Note: Continuously Scanning for RF Tag, TX=29, RX=31	



Limit and Margin

Frequency (MHz)	Meter Reading (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Pulse Desensitization Factor (dB)	MaxPeak Field strength (dBuV/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
8.550000	65.1	100.0	X	0.0	19.0	22.9	88.0	12.0	100.000

Frequency (MHz)	Meter Reading (dBuV/m)	Pulse Desensitization Factor (dB)	MaxPeak Field strength (dBuV/m)	Duty Cycle Correction (dB)	MaxAverage Field strength (dBuV/m)	Margin - AV+ (dB)	Limit - AV+ (dBuV/m)
8.550000	65.1	22.9	88.0	36.5	51.5	28.5	80.000

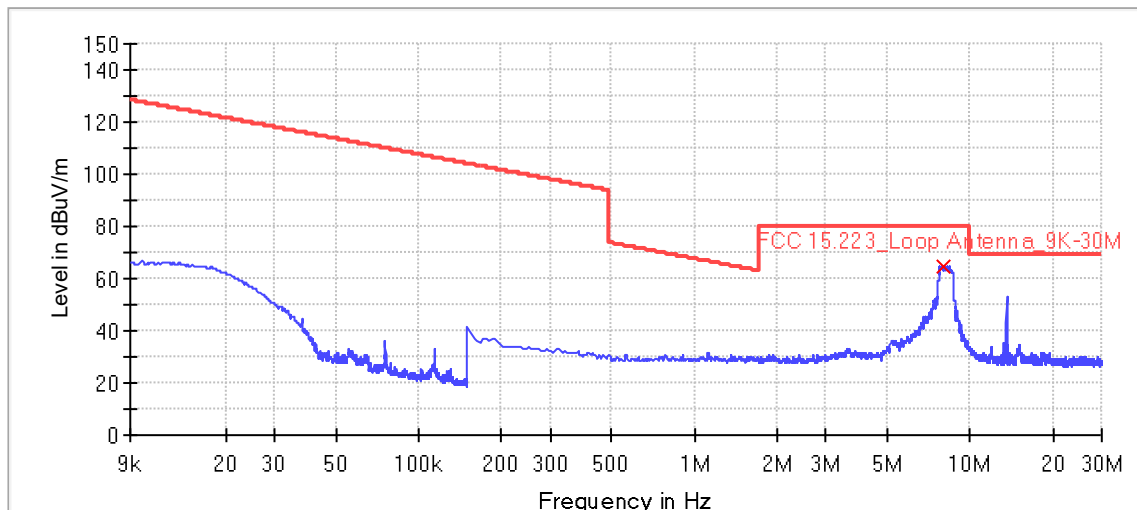
Remark:

- (1) Emission level= Original Receiver Reading + Correct Factor
- (2) Correct Factor = Antenna Factor + Cable Loss -Amplifier gain
- (3) Margin = limit – Field strength
- (4) Peak Limit(30m)=1000uV/m=60dBuV/m
- (5) Average Limit(30m)=100uV/m=40dBuV/m
- (6) Peak Limit(3m)=Limit(30m)+40log(30/3)=60dBuV/m+40dB=100 dBuV/m
- (7) Average Limit(3m)=Limit(30m)+40log(30/3)=40dBuV/m+40dB=80 dBuV/m

EUT: NEO V3.0 EAS RF Detection System
Mode: EVOLVE EP10 (Configuration 1)

Power: AC 120V,60Hz

Note: Continuously Scanning for RF Tag, TX=29, RX=31



Limit and Margin

Frequency (MHz)	Emission level (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Pulse Desensitization Factor (dB)	MaxPeak Field strength (dBuV/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
8.550000	64.7	100.0	Y	0.0	19.0	22.9	87.6	12.4	100.000

Frequency (MHz)	Emission level (dBuV/m)	Pulse Desensitization Factor (dB)	MaxPeak Field strength (dBuV/m)	Duty Cycle Correction (dB)	MaxAverage Field strength (dBuV/m)	Margin - AV+ (dB)	Limit - AV+ (dBuV/m)
8.550000	64.7	22.9	87.6	36.5	51.1	28.9	80.000

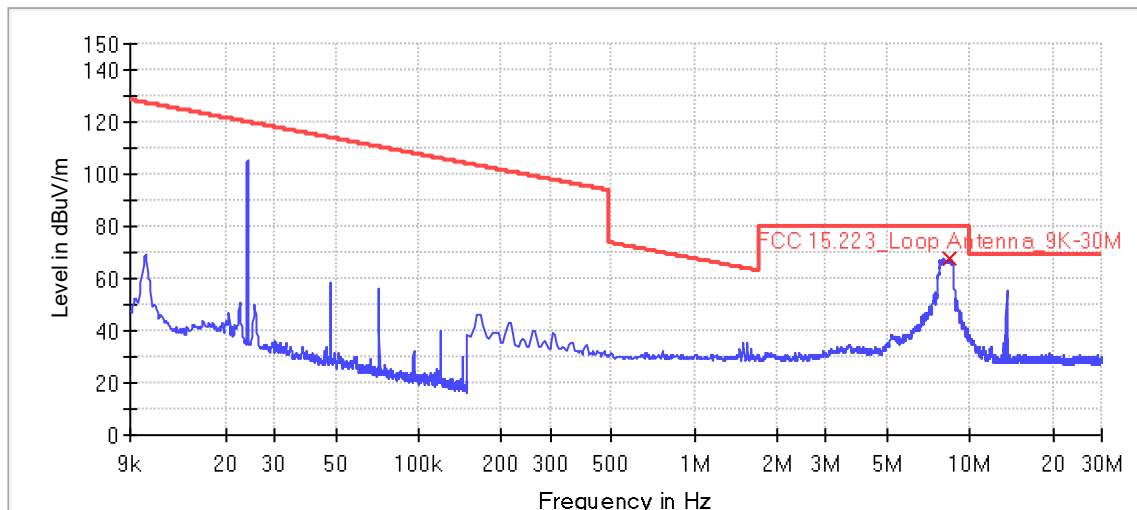
Remark:

- (8) Emission level= Original Receiver Reading + Correct Factor
- (9) Correct Factor = Antenna Factor + Cable Loss -Amplifier gain
- (10)Margin = limit – Field strength
- (11)Peak Limit(30m)=1000uV/m=60dBuV/m
- (12)Average Limit(30m)=100uV/m=40dBuV/m
- (13)Peak Limit(3m)=Limit(30m)+40log(30/3)=60dBuV/m+40dB=100 dBuV/m
- (14)Average Limit(3m)=Limit(30m)+40log(30/3)=40dBuV/m+40dB=80 dBuV/m

EUT: NEO V3.0 EAS RF Detection System
Mode: EVOLVE EP10 (Configuration 2)

Power: AC 120V,60Hz

Note: Continuously Scanning for RF Tag, TX=31, RX=31



Limit and Margin

Frequency (MHz)	Meter Reading (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Pulse Desensitization Factor (dB)	MaxPeak Field strength (dBuV/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
8.280000	67.5	100.0	X	0.0	19.0	22.9	90.4	9.6	100.000

Frequency (MHz)	Meter Reading (dBuV/m)	Pulse Desensitization Factor (dB)	MaxPeak Field strength (dBuV/m)	Duty Cycle Correction (dB)	MaxAverage Field strength (dBuV/m)	Margin - AV+ (dB)	Limit - AV+ (dBuV/m)
8.280000	67.5	22.9	90.4	36.5	53.9	26.1	80.000

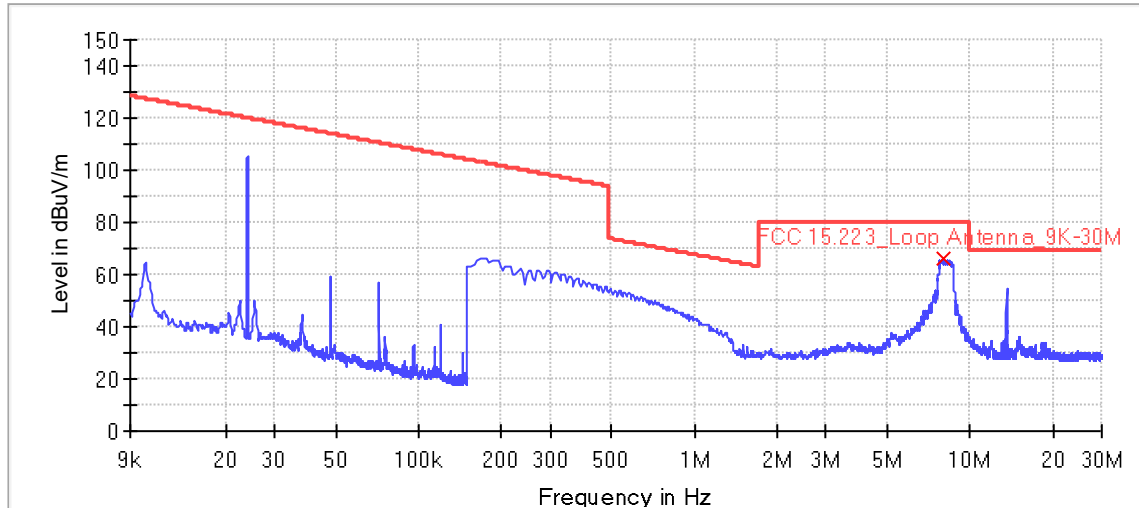
Remark:

- (1) Emission level= Original Receiver Reading + Correct Factor
- (2) Correct Factor = Antenna Factor + Cable Loss -Amplifier gain
- (3) Margin = limit – Field strength
- (4) Peak Limit(30m)=1000uV/m=60dBuV/m
- (5) Average Limit(30m)=100uV/m=40dBuV/m
- (6) Peak Limit(3m)=Limit(30m)+40log(30/3)=60dBuV/m+40dB=100 dBuV/m
- (7) Average Limit(3m)=Limit(30m)+40log(30/3)=40dBuV/m+40dB=80 dBuV/m

EUT: NEO V3.0 EAS RF Detection System
Mode: EVOLVE EP10 (Configuration 2)

Power: AC 120V,60Hz

Note: Continuously Scanning for RF Tag, TX=31, RX=31



Limit and Margin

Frequency (MHz)	Emission level (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Pulse Desensitization Factor (dB)	MaxPeak Field strength (dBuV/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
8.280000	66.0	100.0	Y	0.0	19.0	22.9	88.9	11.1	100.000

Frequency (MHz)	Emission level (dBuV/m)	Pulse Desensitization Factor (dB)	MaxPeak Field strength (dBuV/m)	Duty Cycle Correction (dB)	MaxAverage Field strength (dBuV/m)	Margin - AV+ (dB)	Limit - AV+ (dBuV/m)
8.280000	66.0	22.9	88.9	36.5	52.4	27.6	80.000

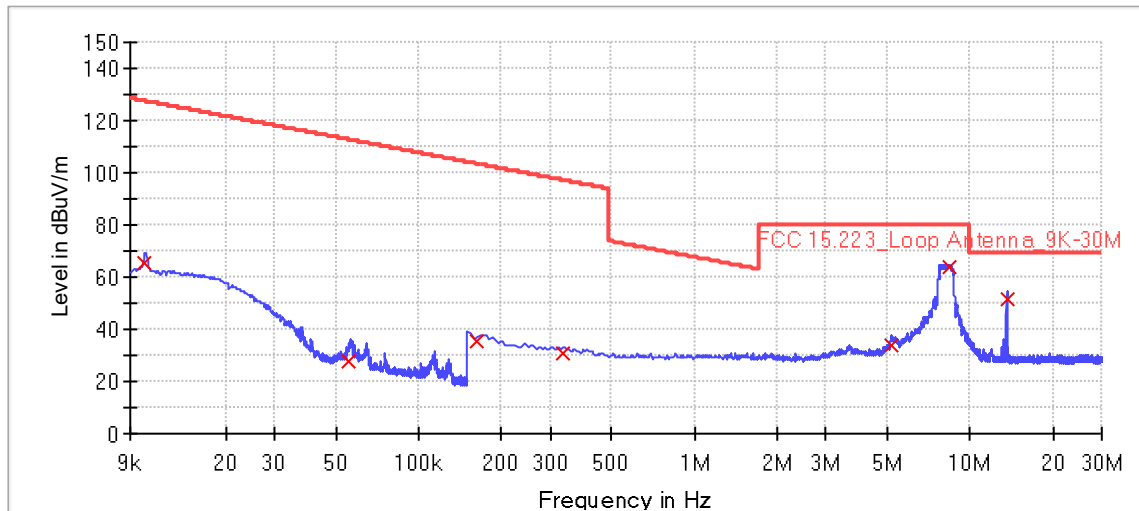
Remark:

- (1) Emission level= Original Receiver Reading + Correct Factor
- (2) Correct Factor = Antenna Factor + Cable Loss -Amplifier gain
- (3) Margin = limit – Field strength
- (4) Peak Limit(30m)=1000uV/m=60dBuV/m
- (5) Average Limit(30m)=100uV/m=40dBuV/m
- (6) Peak Limit(3m)=Limit(30m)+40log(30/3)=60dBuV/m+40dB=100 dBuV/m
- (7) Average Limit(3m)=Limit(30m)+40log(30/3)=40dBuV/m+40dB=80 dBuV/m

Spurious radiated emissions for transmitter

Transmitting spurious emission test result as below: Tx, below 30MHz

EUT: NEO V3.0 EAS RF Detection System Mode: EVOLVE EP10 (Configuration 1)	Power: AC 120V,60Hz
Note: Continuously Scanning for RF Tag, TX=29, RX=31	

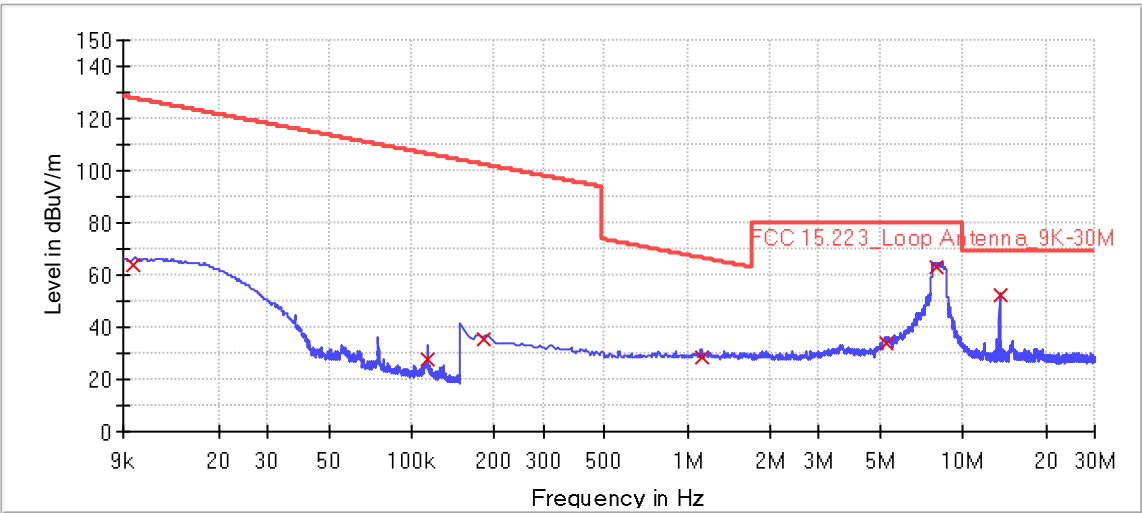


Limit and Margin

Frequency (MHz)	QuasiPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azim uth (deg)	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBuV/m)
0.010200	65.1	1000.0	0.200	100.0	X	3.0	19.6	62.352	127.432
0.056040	27.5	1000.0	0.200	100.0	X	123.0	18.9	85.164	112.634
0.162000	35.6	1000.0	9.000	100.0	X	12.0	18.8	67.864	103.414
0.334000	31.1	1000.0	9.000	100.0	X	14.0	18.8	66.049	97.129
5.170000	34.2	1000.0	9.000	100.0	X	54.0	18.9	45.850	80.000
8.414000	63.5	1000.0	9.000	100.0	X	13.0	19.0	--	--
13.562000	51.4	1000.0	9.000	100.0	X	85.0	18.8	18.192	69.542



EUT: NEO V3.0 EAS RF Detection System Mode: EVOLVE EP10 (Configuration 1)	Power: AC 120V,60Hz
Note: Continuously Scanning for RF Tag, TX=29, RX=31	



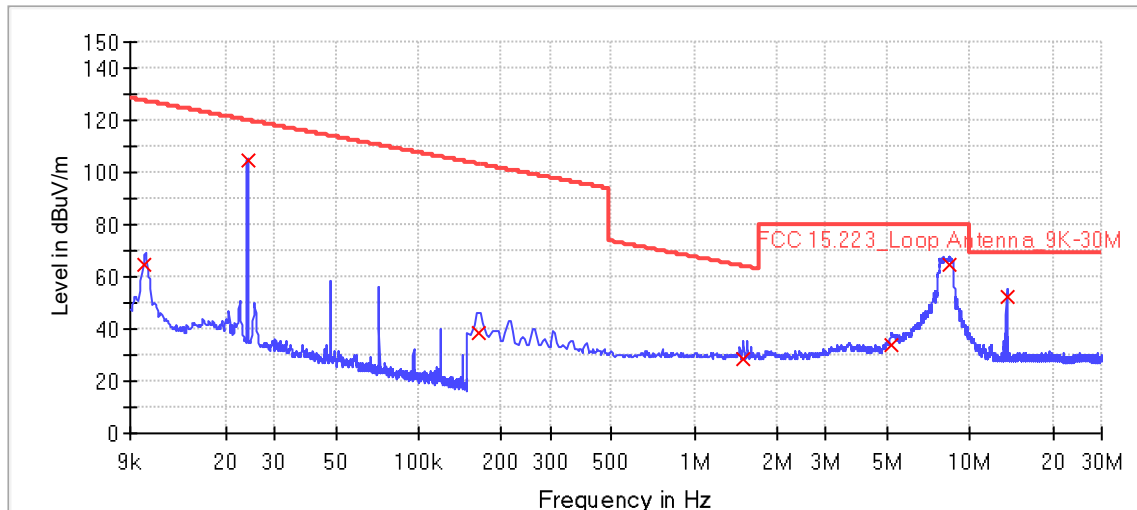
Limit and Margin

Frequency (MHz)	QuasiPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azim uth (deg)	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBuV/m)
0.009720	64.1	1000.0	0.200	100.0	Y	14.0	19.6	63.771	127.851
0.113640	28.0	1000.0	0.200	100.0	Y	34.0	18.8	78.523	106.493
0.182000	35.1	1000.0	9.000	100.0	Y	145.0	18.8	67.352	102.402
1.122000	28.6	1000.0	9.000	100.0	Y	1.0	18.9	37.964	66.604
5.266000	33.5	1000.0	9.000	100.0	Y	46.0	18.9	46.480	80.000
7.982000	62.8	1000.0	9.000	100.0	Y	5.0	19.0	--	--
13.562000	52.4	1000.0	9.000	100.0	Y	21.0	18.8	17.102	69.542

EUT: NEO V3.0 EAS RF Detection System
Mode: EVOLVE EP10 (Configuration 2)

Power: AC 120V,60Hz

Note: Continuously Scanning for RF Tag, TX=31, RX=31



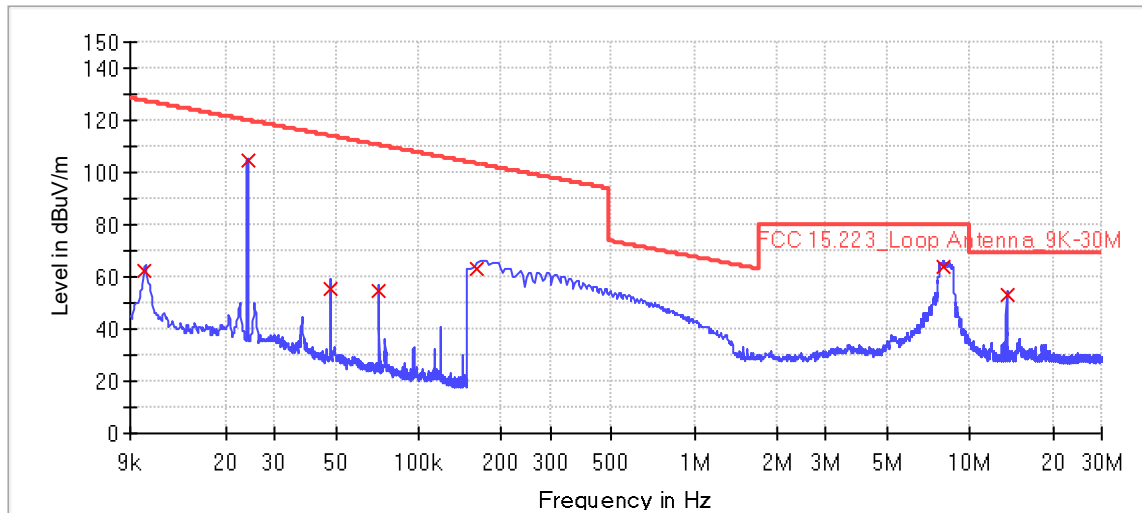
Limit and Margin

Frequency (MHz)	QuasiPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azim uth (deg)	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBuV/m)
0.010120	64.3	1000.0	0.200	100.0	X	0.0	19.6	63.210	127.500
0.023960	104.3	1000.0	0.200	100.0	X	359.0	19.0	15.724	120.014
0.166000	38.1	1000.0	9.000	100.0	X	14.0	18.8	65.102	103.202
1.510000	28.1	1000.0	9.000	100.0	X	22.0	18.9	35.895	64.025
5.166000	33.5	1000.0	9.000	100.0	X	0.0	18.9	46.500	80.000
8.426000	64.8	1000.0	9.000	100.0	X	17.0	19.0	--	--
13.562000	52.3	1000.0	9.000	100.0	X	138.0	18.8	17.232	69.542

EUT: NEO V3.0 EAS RF Detection System
Mode: EVOLVE EP10 (Configuration 2)

Power: AC 120V,60Hz

Note: Continuously Scanning for RF Tag, TX=31, RX=31



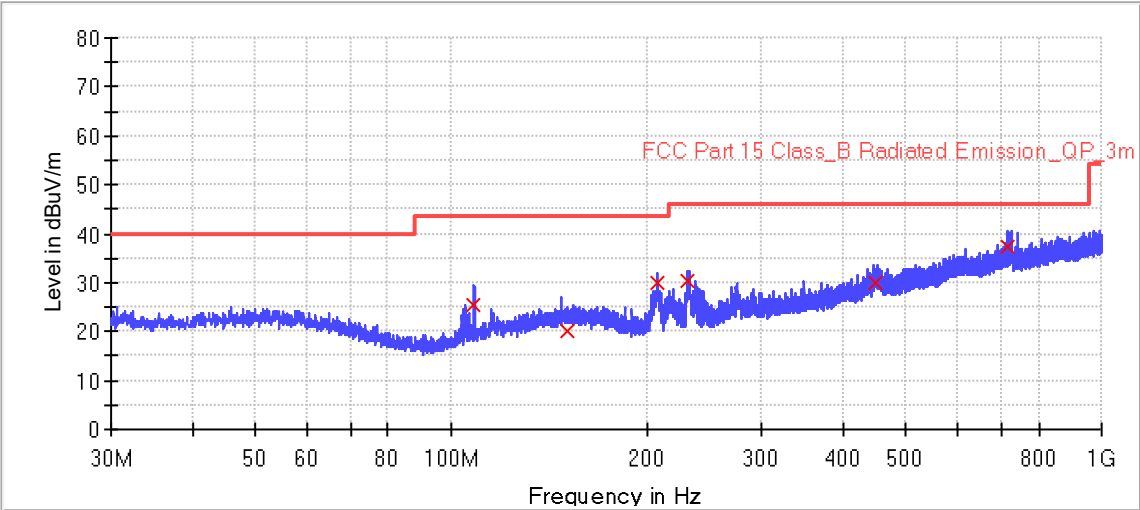
Limit and Margin

Frequency (MHz)	QuasiPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azim uth (deg)	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBuV/m)
0.010120	61.9	1000.0	0.200	100.0	Y	14.0	19.6	65.570	127.500
0.023960	104.6	1000.0	0.200	100.0	Y	44.0	19.0	15.384	120.014
0.047960	55.4	1000.0	0.200	100.0	Y	125.0	18.9	58.546	113.986
0.071960	54.9	1000.0	0.200	100.0	Y	52.0	18.9	55.552	110.462
0.162000	63.4	1000.0	9.000	100.0	Y	54.0	18.8	40.034	103.414
7.982000	63.9	1000.0	9.000	100.0	Y	0.0	19.0	--	--
13.562000	53.5	1000.0	9.000	100.0	Y	11.0	18.8	16.092	69.542



Transmitting spurious emission test result as below: Tx, above 30MHz worst results

EUT: NEO V3.0 EAS RF Detection System Mode: EVOLVE EP10 (Configuration 1)	Power: AC 120V,60Hz
Note: Continuously Scanning for RF Tag, TX=29, RX=31	

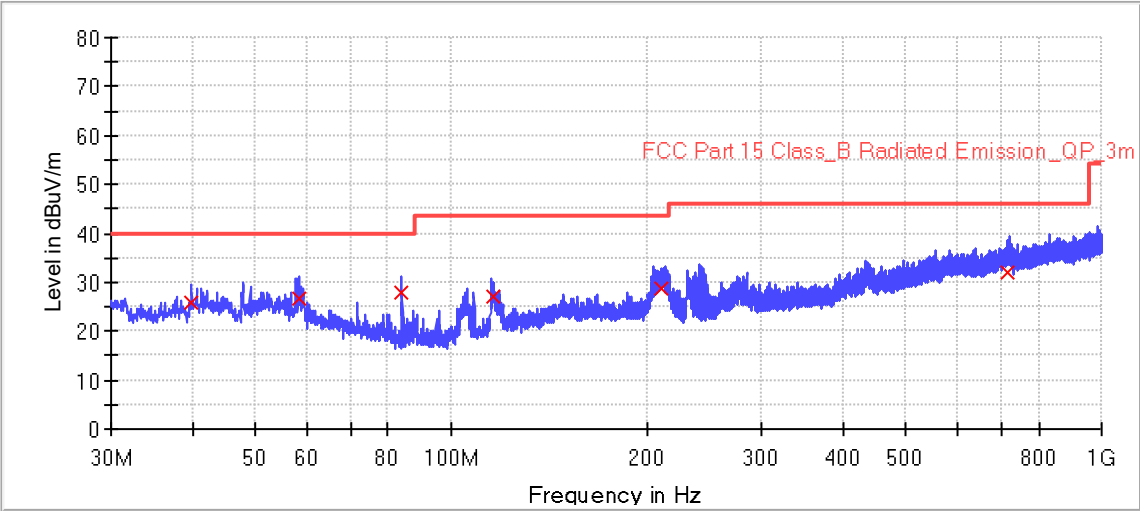


Limit and Margin

Frequency (MHz)	QuasiPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBuV/m)
108.480000	25.6	1000.0	120.000	185.0	H	14.0	17.2	18.0	43.5
150.880000	20.2	1000.0	120.000	174.0	H	142.0	20.7	23.3	43.5
207.720000	29.8	1000.0	120.000	253.0	H	44.0	17.9	13.7	43.5
230.760000	30.5	1000.0	120.000	114.0	H	135.0	18.7	15.5	46.0
450.040000	30.1	1000.0	120.000	154.0	H	2.0	25.7	15.9	46.0
717.200000	37.2	1000.0	120.000	174.0	H	174.0	31.2	8.8	46.0



EUT: NEO V3.0 EAS RF Detection System Mode: EVOLVE EP10 (Configuration 1)	Power: AC 120V,60Hz
Note: Continuously Scanning for RF Tag, TX=29, RX=31	

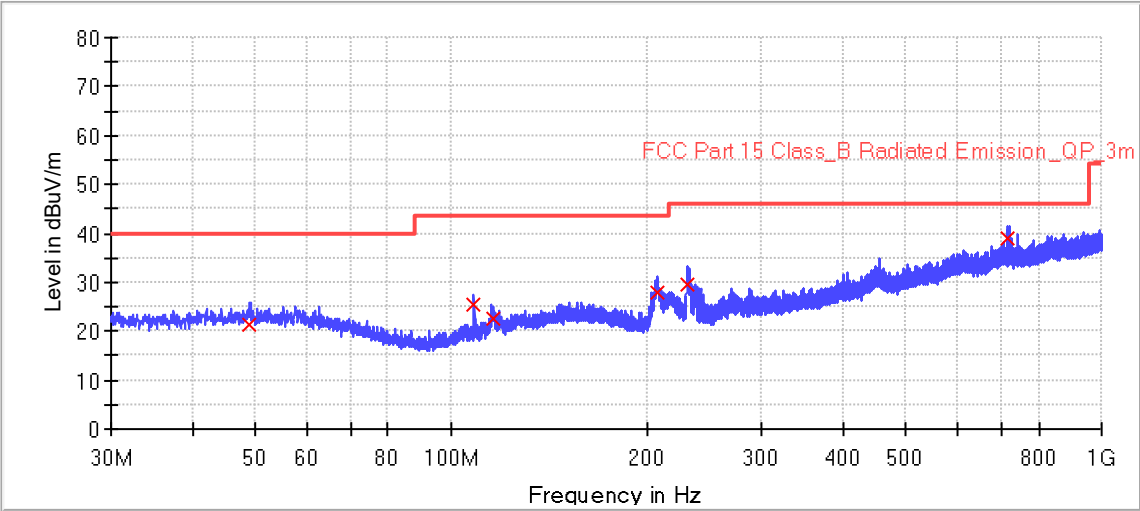


Limit and Margin

Frequency (MHz)	QuasiPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBuV/m)
39.880000	25.7	1000.0	120.000	174.0	V	12.0	19.9	14.3	40.0
58.280000	26.8	1000.0	120.000	125.0	V	13.0	20.1	13.2	40.0
84.000000	27.9	1000.0	120.000	141.0	V	55.0	15.6	12.1	40.0
116.240000	27.1	1000.0	120.000	174.0	V	174.0	18.2	16.4	43.5
210.760000	28.7	1000.0	120.000	135.0	V	51.0	17.9	14.8	43.5
719.280000	32.1	1000.0	120.000	135.0	V	24.0	31.2	13.9	46.0



EUT: NEO V3.0 EAS RF Detection System Mode: EVOLVE EP10 (Configuration 2)	Power: AC 120V,60Hz
Note: Continuously Scanning for RF Tag, TX=29, RX=31	

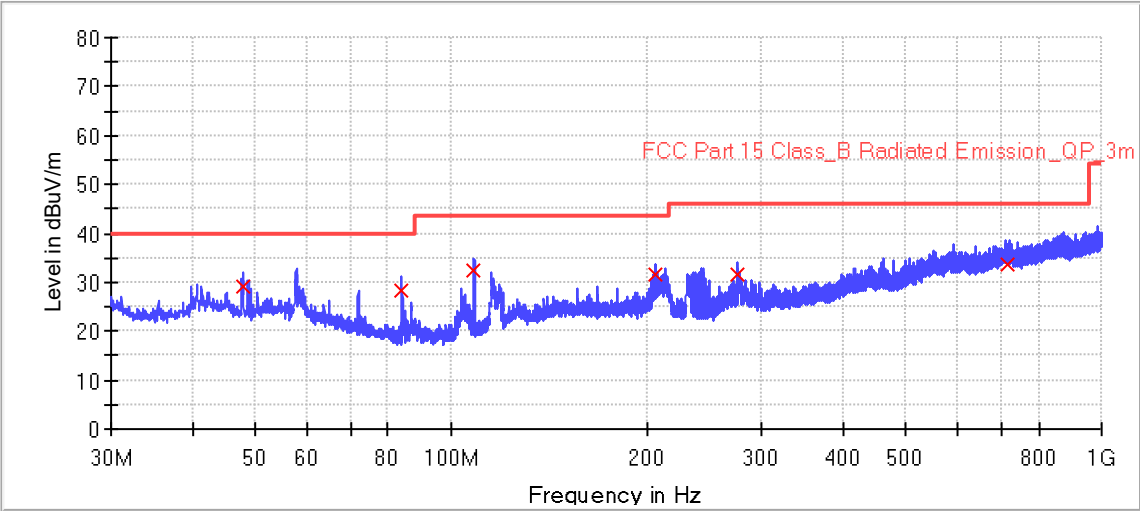


Limit and Margin

Frequency (MHz)	QuasiPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBuV/m)
49.080000	21.1	1000.0	120.000	185.0	H	142.0	20.5	18.9	40.0
108.480000	25.4	1000.0	120.000	174.0	H	12.0	17.2	18.1	43.5
116.240000	22.5	1000.0	120.000	114.0	H	85.0	18.2	21.0	43.5
207.400000	27.8	1000.0	120.000	138.0	H	74.0	17.9	15.7	43.5
230.920000	29.6	1000.0	120.000	171.0	H	35.0	18.7	16.4	46.0
718.320000	39.1	1000.0	120.000	135.0	H	154.0	31.2	6.9	46.0



EUT: NEO V3.0 EAS RF Detection System Mode: EVOLVE EP10 (Configuration 1)	Power: AC 120V,60Hz
Note: Continuously Scanning for RF Tag, TX=29, RX=31	



Limit and Margin

Frequency (MHz)	QuasiPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBuV/m)
47.880000	29.2	1000.0	120.000	147.0	V	14.0	20.5	10.8	40.0
84.000000	28.1	1000.0	120.000	125.0	V	75.0	15.6	11.9	40.0
108.480000	32.5	1000.0	120.000	117.0	V	135.0	17.2	11.0	43.5
206.000000	31.5	1000.0	120.000	125.0	V	22.0	17.9	12.0	43.5
275.800000	31.4	1000.0	120.000	141.0	V	14.0	20.7	14.6	46.0
715.080000	33.6	1000.0	120.000	137.0	V	253.0	31.3	12.4	46.0

10.3 6dB Bandwidth Measurement

Test Method

1. Set to the maximum power setting and enable the EUT transmit continuously.
2. Use the following test receiver settings:
Span = approximately 5 times the 6dB bandwidth, centered on a hopping channel
RBW = 1% to 5% of the 6dB bandwidth of the emission being measured, VBW ≥ RBW,
Sweep = auto, Detector function = peak, Trace = max hold
3. Allow the trace to stabilize. Use the marker-to-peak function to set the marker to the peak of the emission. Measure the frequency difference of two frequencies that were attenuated 20 dB from the reference level. Record the frequency difference as the emission bandwidth. Record the results.
4. Repeat above procedures until all frequencies measured were complete.

Test Result

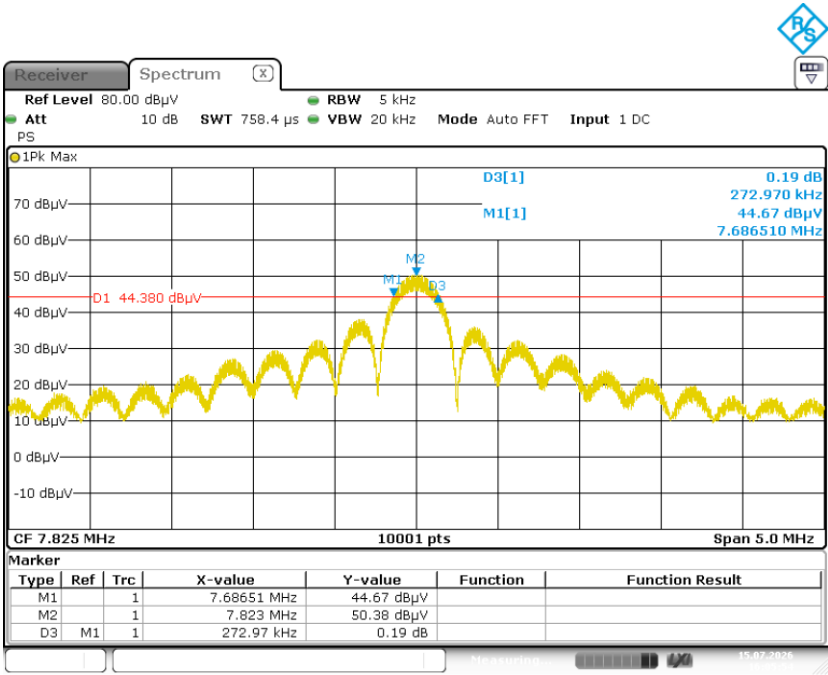
For EVOLVE EP10

Mode	Channel	6dB Bandwidth (kHz)	Limit (KHz)
EVOLVE EP10 (Configuration 1)	7.825MHz	272.97	NA
EVOLVE EP10 (Configuration 1)	7.975MHz	282.47	NA
EVOLVE EP10 (Configuration 1)	8.125MHz	292.97	NA
EVOLVE EP10 (Configuration 1)	8.275MHz	303.47	NA
EVOLVE EP10 (Configuration 1)	8.425MHz	303.97	NA
EVOLVE EP10 (Configuration 1)	8.575MHz	313.97	NA
EVOLVE EP10 (Configuration 1)	Continuously Scanning	1053.45	NA

Mode	Channel	6dB Bandwidth (kHz)	Limit (KHz)
EVOLVE EP10 (Configuration 2)	7.825MHz	303.97	NA
EVOLVE EP10 (Configuration 2)	7.975MHz	312.97	NA
EVOLVE EP10 (Configuration 2)	8.125MHz	312.47	NA
EVOLVE EP10 (Configuration 2)	8.275MHz	300.97	NA
EVOLVE EP10 (Configuration 2)	8.425MHz	304.00	NA
EVOLVE EP10 (Configuration 2)	8.575MHz	312.47	NA
EVOLVE EP10 (Configuration 2)	Continuously Scanning	1051.80	NA

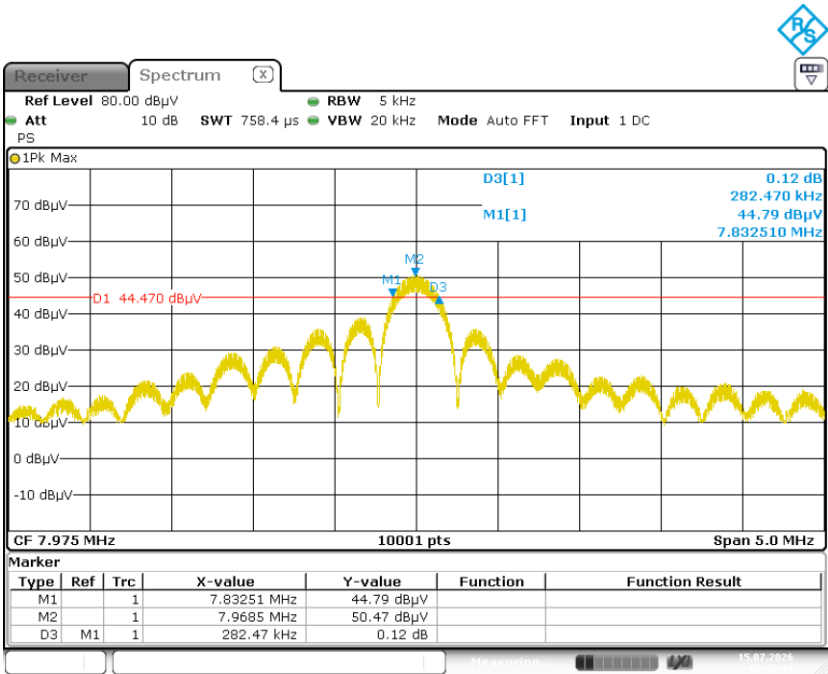


EVOLVE EP10 (Configuration 1) 7.825MHz
6dB Bandwidth



Date: 15.JUL.2026 16:05:54

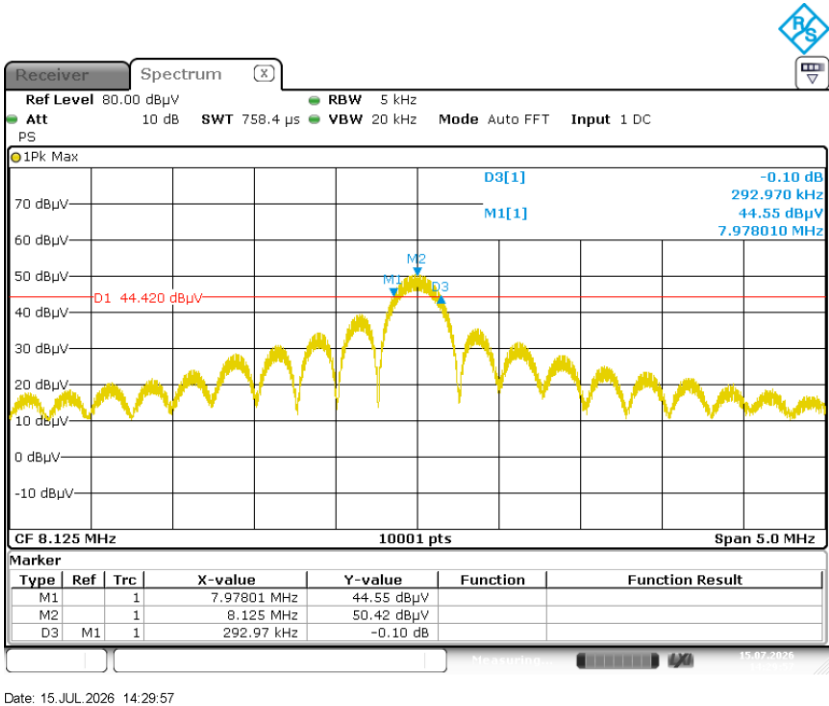
EVOLVE EP10 (Configuration 1) 7.975MHz
6dB Bandwidth



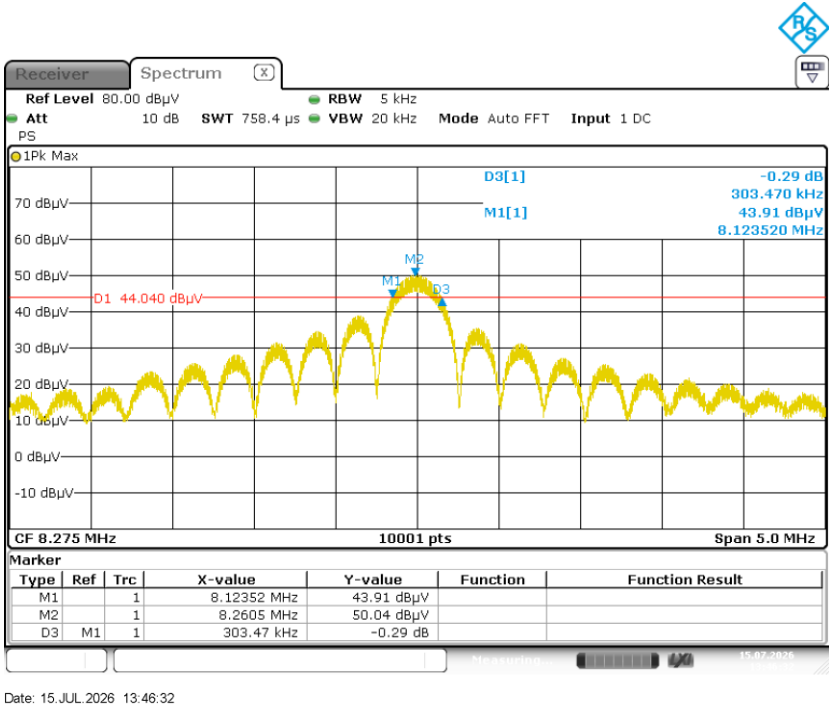
Date: 15.JUL.2026 15:17:41



EVOLVE EP10 (Configuration 1) 8.125MHz
6dB Bandwidth

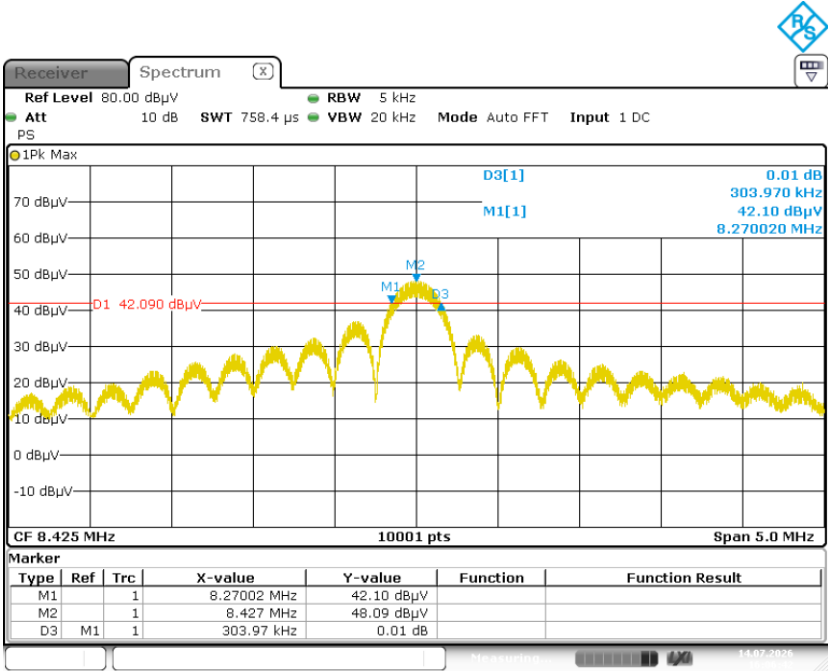


EVOLVE EP10 (Configuration 1) 8.275MHz
6dB Bandwidth



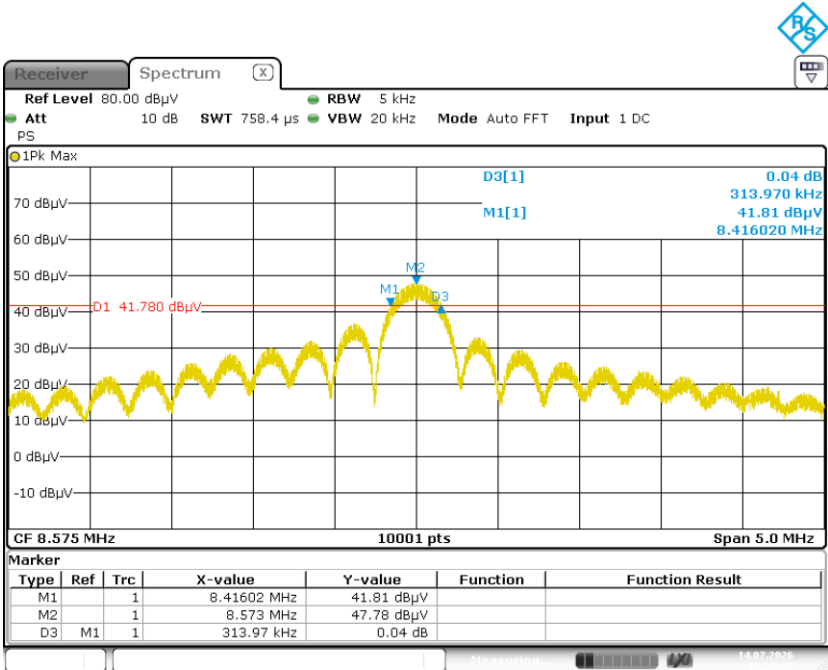


EVOLVE EP10 (Configuration 1) 8.425MHz
6dB Bandwidth



Date: 14.JUL.2026 16:06:42

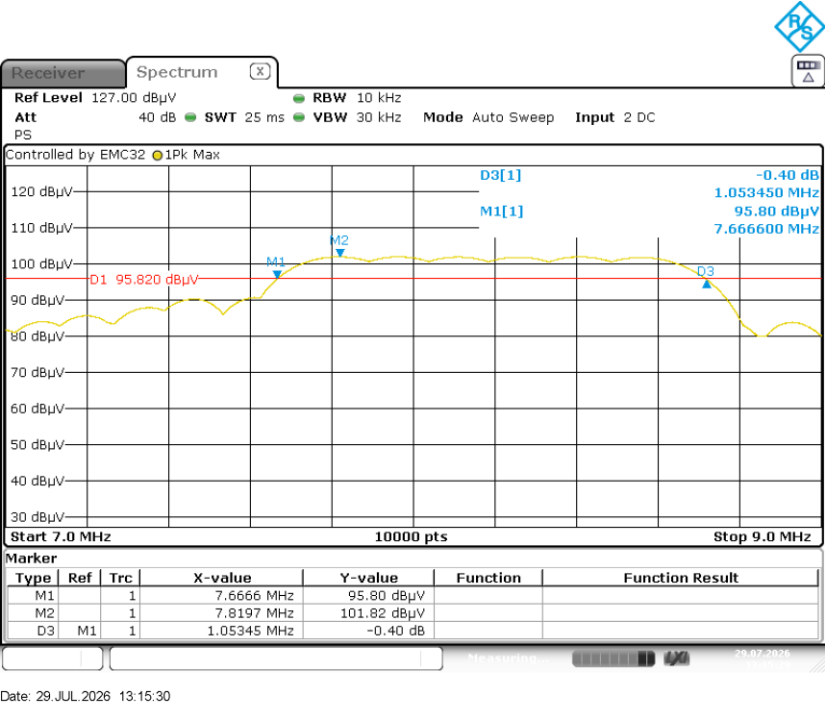
EVOLVE EP10 (Configuration 1) 8.575MHz
6dB Bandwidth



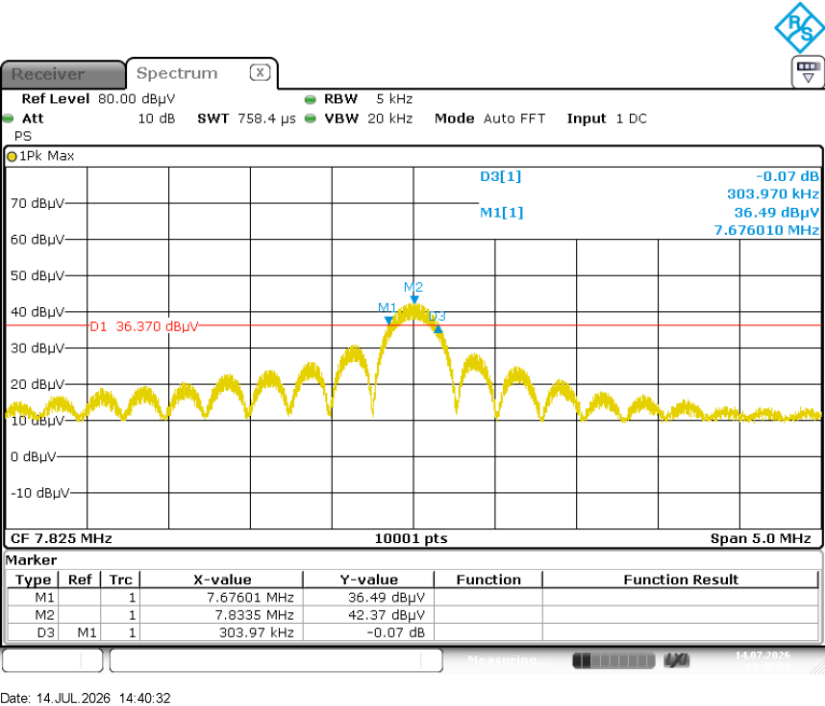
Date: 14.JUL.2026 15:27:48



EVOLVE EP10 (Configuration 1) Continuously Scanning
6dB Bandwidth

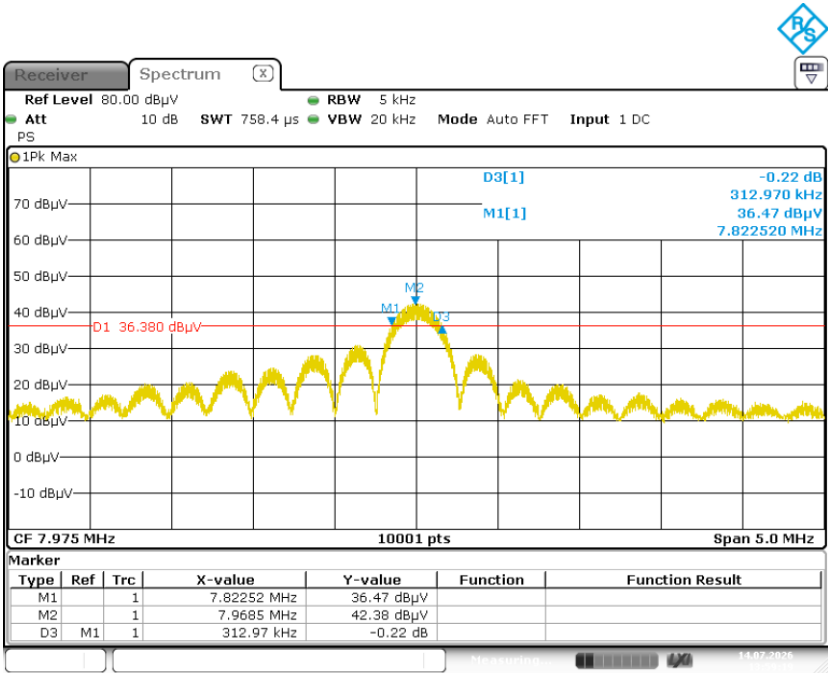


EVOLVE EP10 (Configuration 2) 7.825MHz
6dB Bandwidth



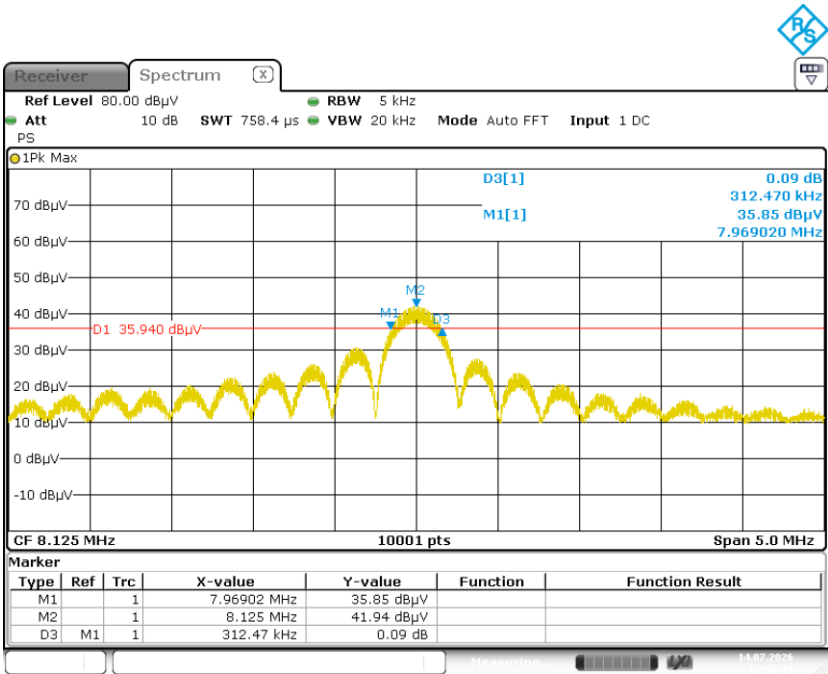


EVOLVE EP10 (Configuration 1) 7.975MHz
6dB Bandwidth



Date: 14.JUL.2026 13:59:20

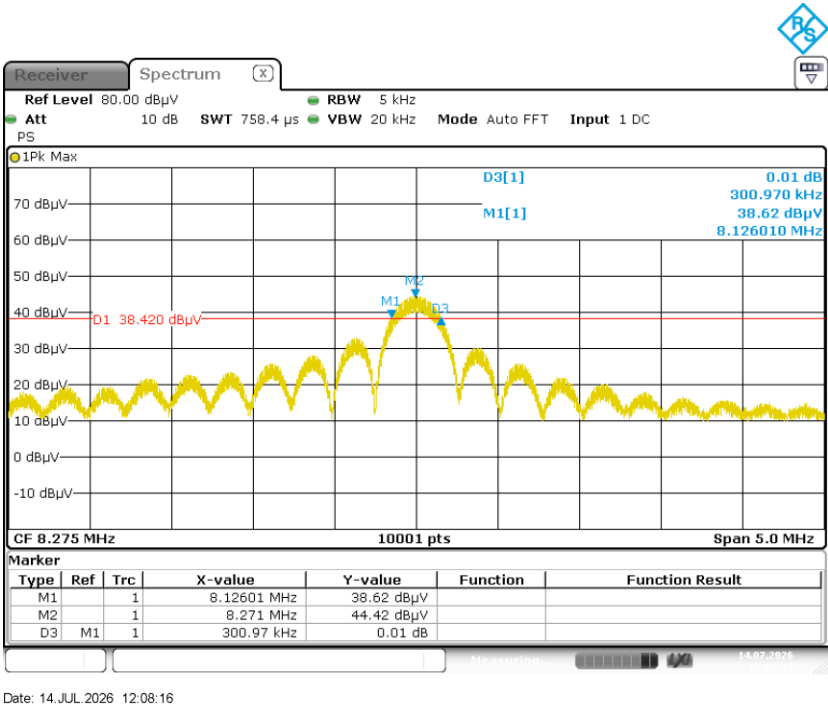
EVOLVE EP10 (Configuration 1) 8.125MHz
6dB Bandwidth



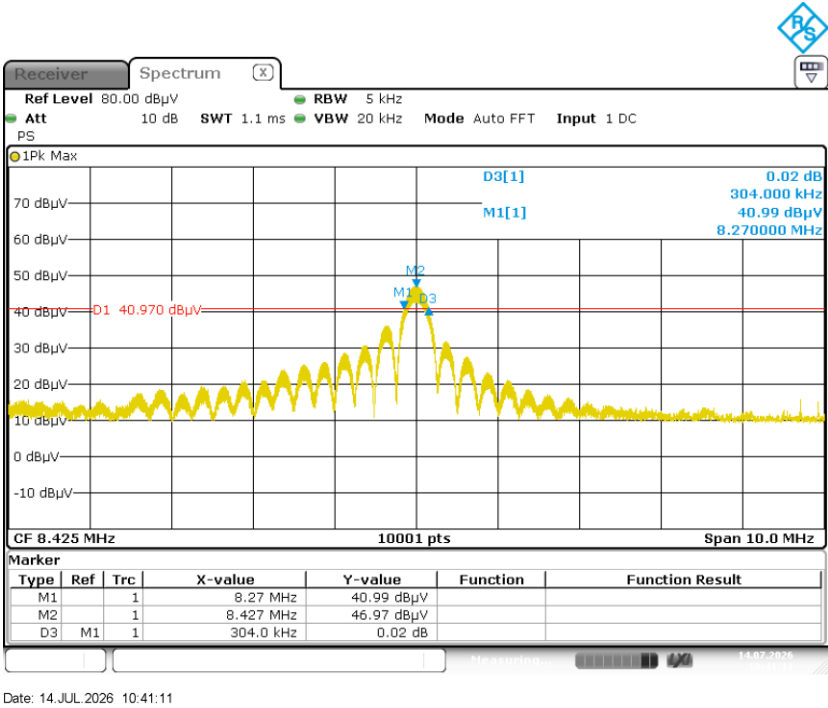
Date: 14.JUL.2026 13:17:31



EVOLVE EP10 (Configuration 1) 8.275MHz
6dB Bandwidth

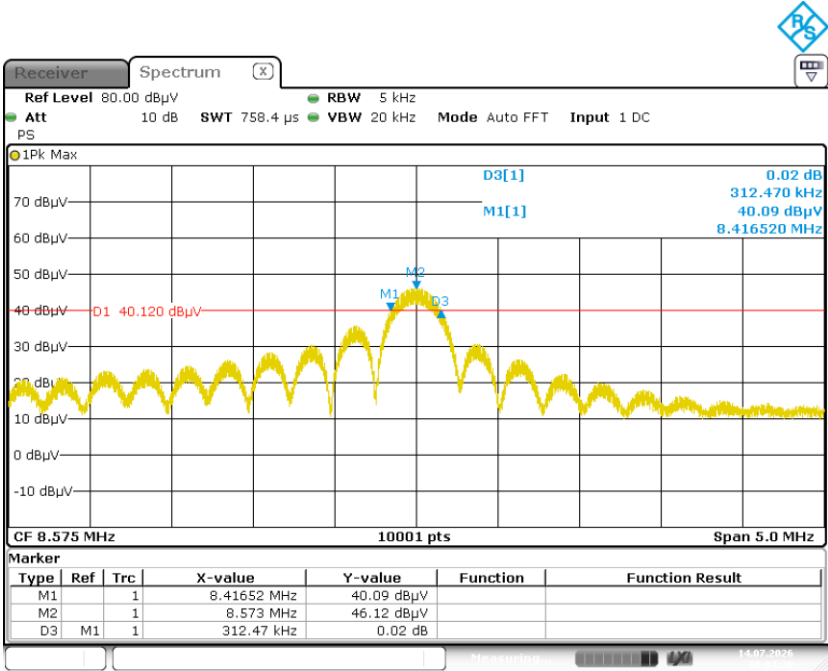


EVOLVE EP10 (Configuration 1) 8.425MHz
6dB Bandwidth



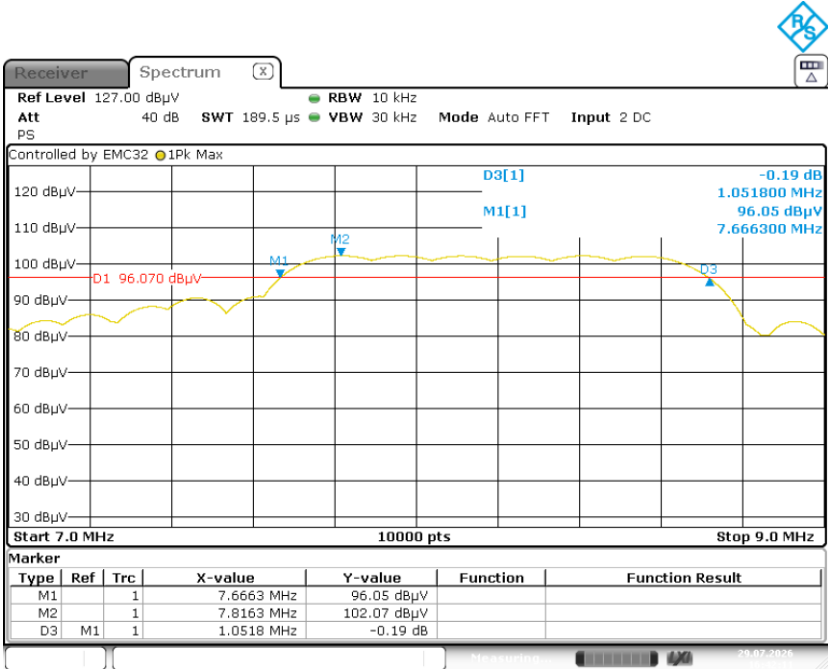


EVOLVE EP10 (Configuration 1) 8.575MHz
6dB Bandwidth



Date: 14.JUL.2026 10:04:29

EVOLVE EP10 (Configuration 2) Continuously Scanning
6dB Bandwidth



Date: 29.JUL.2026 16:42:09

11 Test Equipment List

List of Test Instruments Test Site1

RF Conductive Test

Description	Manufacturer	Model no.	Serial no.	Calibration Date	Calibration Due
Signal and spectrum analyzer	R&S	FSV40	S1503003-YQ-EMC	2025-8-1	2026-7-31

Conducted Emission

Description	Model no.	Manufacturer	Equipment ID.	Calibration Date	Calibration Due
EMI test receiver	ESR3	R&S	S1503001-YQ-EMC	2025-8-1	2026-7-31
2-Line V-network	ENV216	R & S	S1503103-YQ-EMC	2025-8-1	2026-7-31
Coaxial Cable	RG400	HUBER+SUHNER	CE_Cable_01	2025-8-1	2026-7-31

Radiated Emission Test

USED	Equipment Name	Model	Manufacturer	Equipment ID.	Calibration Date	Calibration Due
☒	EMI test receiver	ESR3	R&S	S1503109-YQ-EMC	2025-8-1	2026-7-31
☒	Trilog super broadband test antenna	SCHWARZBECK	VULB9168	S1808296-YQ-EMC	2026-6-25	2027-6-24
☒	Double-ridged waveguide horn antenna	HF907	R&S	S1503009-YQ-EMC	2026-4-14	2027-4-13
☒	Pre-amplifier	HPAP-9K0130	Shenzhen HzEMC	S2110423b-YQ-EMC	2025-8-1	2026-7-31
☒	Signal and spectrum analyzer	FSV40	R&S	S1503003-YQ-EMC	2025-8-1	2026-7-31
☒	Coaxial Cable	MWX221	JUNFLON	RE_Cable_01	2025-8-1	2026-7-31
☒	Coaxial Cable	RG214	HUBER+SUHNER	RE_Cable_02	2025-8-1	2026-7-31
☒	Loop antenna	HFH2-Z2	R&S	S1503013-YQ-EMC	2026-6-25	2027-6-24

Measurement Software Information

Test Item	Software	Manufacturer	Version
RE	EMC 32	Rohde & Schwarz	V10.50.40
CE	EMC 32	Rohde & Schwarz	V9.15.03



12 System Measurement Uncertainty

For a 95% confidence level, the measurement expanded uncertainties for defined systems, in accordance with the recommendations of ISO 17025 were:

Items	Extended Uncertainty
Conducted Disturbance	9kHz to 30MHz, 3.16dB (AMN)
Radiated Disturbance	9kHz to 30MHz, 3.52dB 30MHz to 1GHz, 5.03dB (Horizontal) 5.12dB (Vertical) 1GHz to 18GHz, 5.49dB 18GHz to 40GHz, 5.63dB

Measurement Uncertainty Decision Rule:

Determination of conformity with the specification limits is based on the decision rule according to IEC Guide 115: 2023, clause 4.3.3.

13 Photographs of Test Set-ups

Refer to the < Test Setup photos >.



14 Photographs of EUT

Refer to the < External Photos > & < Internal Photos >.

-----End of Test Report-----