

Test report for
47 CFR Part 15 Subpart C
RSS-247, RSS-Gen



Product name : CMWA 6120
Applicant : SKF
FCC ID : 2AJ99-CMWA-6120
IC : 26053-CMWA6120

Test report No. : P000580120 002 V2.0

Laboratory information

Accreditation

Kiwa Nederland B.V. complies with the accreditation criteria for test laboratories as laid down in ISO/IEC 17025:2017. The accreditation covers the quality system of the laboratory as well as the specific activities as described in the authorized annex bearing the accreditation number L015 and is granted by the Dutch Council For Accreditation (RvA: Raad voor Accreditatie).

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Documentation

The test report must always be reproduced in full; reproduction of an excerpt only is subject to written approval of the testing laboratory. The documentation of the testing performed on the tested devices is archived for 10 years at Kiwa Nederland B.V.

Testing Location

Test Site	Kiwa Nederland B.V.
Test Site location	Wilmersdorf 50 7327 AC Apeldoorn The Netherlands Tel. +31 88998 3393
Test Site FCC	NL0001
CABID	NL0001

Revision History

Version	Date	Remarks	By
v0.50	21-05-2026	First draft	TK
v1.00	27-05-2026	Initial release	PvW
V2.00	03-06-2026	Updated address, Mira modulation and model variation	TK

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Summary of Test results

FCC	ISED	Description	Section in report	Verdict
15.247(d) 15.209 (a)	RSS-Gen 8.9	Radiated spurious emissions	3.1	Pass
15.205 (a)	RSS Gen 8.10	Spurious emissions in the restricted bands	3.1	Pass
15.247 (a)	RSS-247 6.3.1(a)	6 dB bandwidth	3.2	Pass
--	RSS-Gen 6.7	99% bandwidth	3.3	Pass
15.247 (b)	RSS-247 6.3.2	RF output power	3.4	Pass
15.247 (e)	RSS-247 6.3.1(a)	Power spectral density	3.5	Pass
15.247 (d)	RSS-247 6.6	Band edge	3.6	Pass
15.207 (c)	RSS-Gen 8.8	AC power-line conducted emissions	3.7	Pass

Decision rule: Pass/Fail decisions are based on measurement results without taking into account measurement uncertainty.

1 General Description

1.1 Applicant

Client name:	SKF
Address:	Meidoornkade 14
Zip code:	3992 AE, Houten
Telephone:	--
E-mail:	ludo.gommers@skf.com
Contact name:	Ludo Gommers

1.2 Manufacturer

Manufacturer name:	SKF France
Address:	204 Boulevard Charles de Gaulle
Zip code:	37540, Saint Cyr sur Loire
Telephone:	--
E-mail:	narges.mobarhani@skf.com
Contact name:	Narges Mobarhani

1.3 Tested Equipment Under Test (EUT)

Product name:	CMWA 6120
Brand name:	SKF
FCC ID:	2AJ99-CMWA-6120
IC:	26053-CMWA6120
Product description:	Wireless vibration sensor
Variant model(s):	CMWA 6120, CMWA 6120-EX, CMWA 6420
Batch and/or serial No.	--
Software version:	--
Hardware version:	--
Date of receipt:	15-04-2026
Tests started:	20-04-2026
Testing ended:	05-05-2026

1.4 Product specifications of Equipment under test

Tx Frequency:	Mira (proprietary radio): 2402-2480MHz BLE: 2402-2480MHz
Rx frequency:	Mira (proprietary radio): 2402-2480MHz BLE: 2402-2480MHz NFC: 13.56MHz
Occupied channel width:	Mira: 1.11 MHz BLE: 1.04 MHz
Antenna type:	Mira (proprietary radio), BLE: PCB antenna
Antenna gain:	Mira (proprietary radio), BLE: +0.62dBi
Type of modulation:	Mira (proprietary radio): GFSK BLE: GFSK
Emission designator	Mira (proprietary radio): 1M11F1D BLE: 1M04F1D

Disclaimer: The operating frequency bands are declared by the applicant

1.5 Environmental conditions

Normal test conditions:

Temperature (*) : +15°C to +25°C

Relative humidity(*) : 20 % to 75 %

1.6 Measurement standards

- ANSI C63.10-2020/Cor 1-2023/C63.10a-2024
- FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v05r02

1.7 Applicable standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC Part 15 Subpart C §15.209
- FCC Part 15 Subpart C §15.247
- RSS-Gen Issue 5
- RSS-247 Issue 4

1.8 Observation and remarks

The EUT is battery operated. The battery cannot be recharged and there is no cables attached to the EUT. Therefore no conducted emissions measurements can be performed. The NFC chip is receive only. Some tests were performed on the EUT without casing, all results gathered this way were verified by measuring the EUT with casing.

1.9 Modifications to the EUT (Equipment Under Test)

An inductor and capacitor at the output of the radio chip were switched around on the PCB. All tests were reperformed after this alteration.

1.10 Conclusions

The sample of the product showed **NO NON-COMPLIANCES** to the specifications stated in paragraph 1.7 of this report.

The results of the test as stated in this report, are exclusively applicable to the product items as identified in this report. Kiwa Nederland B.V. accepts no responsibility for any properties of product items in this test report, which are not supported by the tests as specified in paragraph 1.7 *"Applicable standards"*.

All tests are performed by:

Name : Ing. T. Keltjens

Review of test methods and report by:

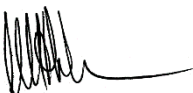
Name : P. van Wanrooij, BASc

The above conclusions have been verified by the following signatory:

Date : 03-06-2026

Name : ing. M.H. Khan

Function : Test Engineer

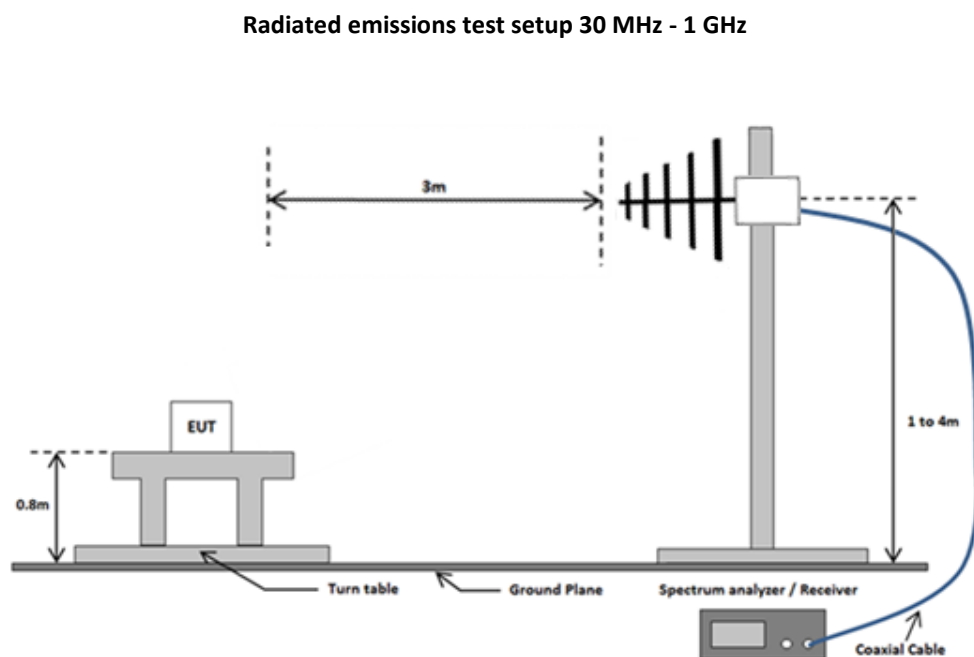
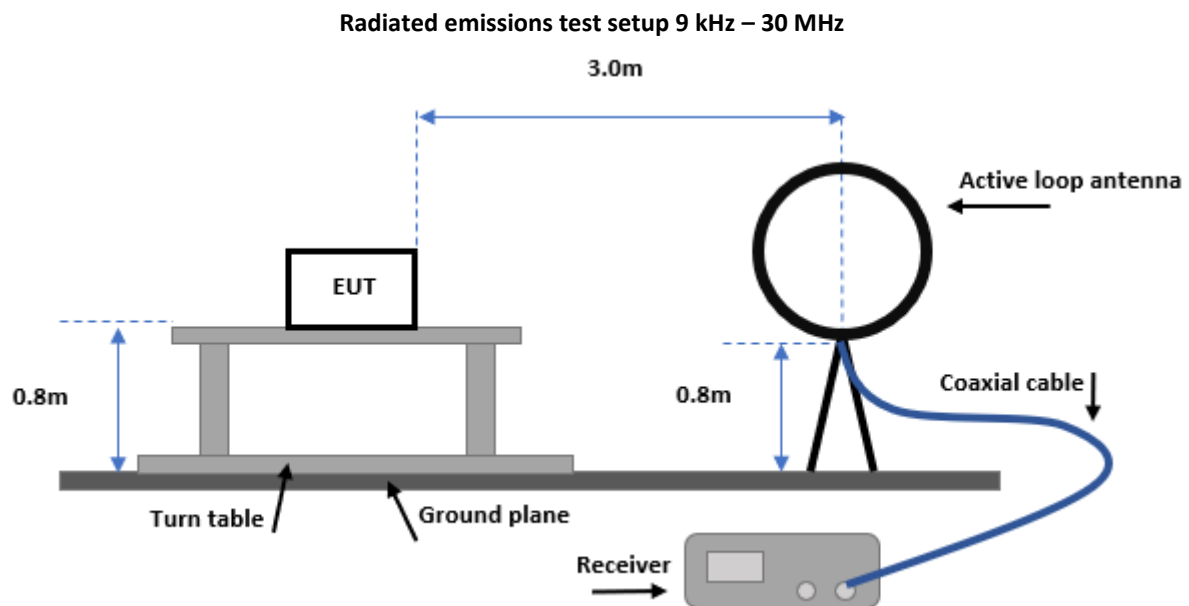
Signature : 

2 Test configuration of the Equipment Under Test

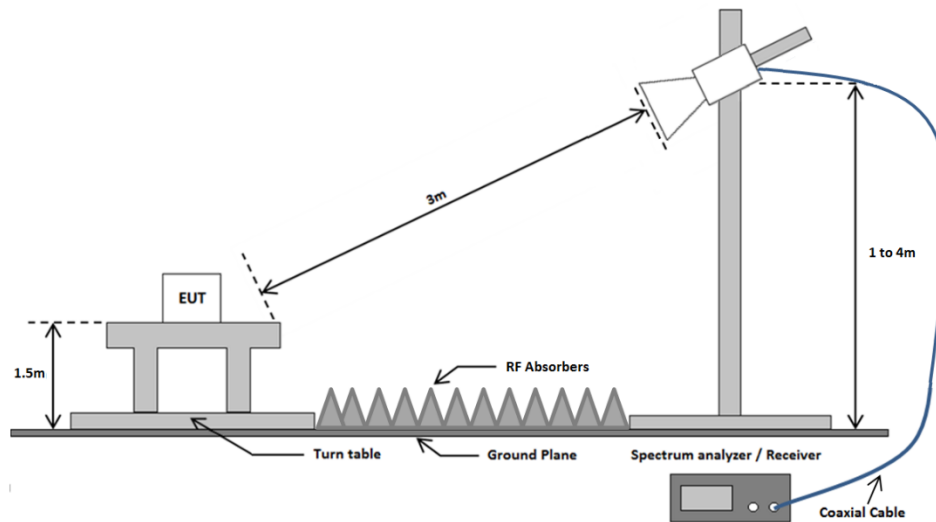
2.1 Test mode

The manufacturer provided a test firmware that made it possible to set the transmitter to transmit continuously with the highest possible duty cycle on a specific channel.

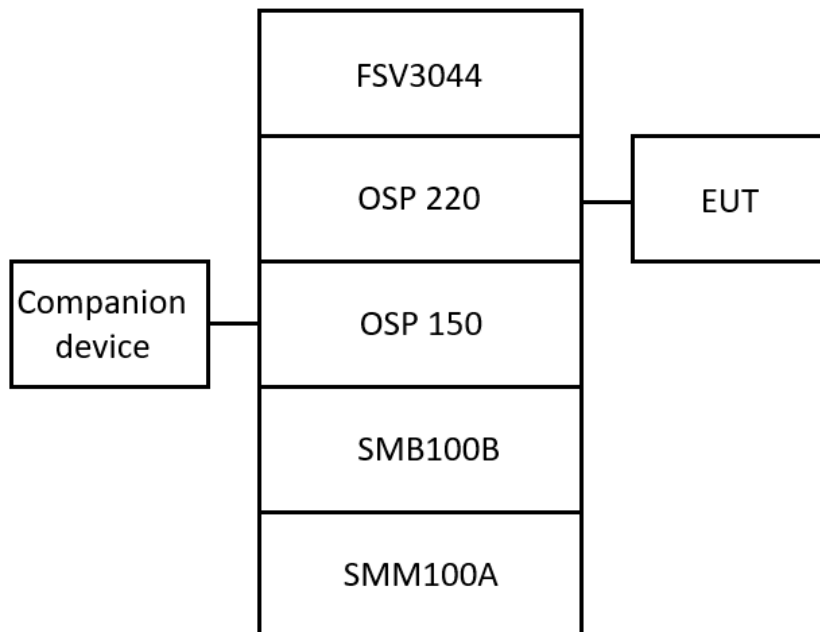
2.2 Test setups



Radiated emissions test setup above 1 GHz



Antenna port conducted tests



2.3 Equipment used in the test configuration

Description	Manufacturer	Model	ID	Cal. Done date	Cal. due date	Used at Par.
EMI Receiver	Rohde & Schwarz	ESR7	114870	01-2026	01-2027	3.1
Spectrum Analyzer	Rohde & Schwarz	FSV3044	114923	10-2025	10-2027	3.1
2.5 GHz HPF	Wainwright	WHKX12-2477.75-2650-18000-40SS	115031	08-2025	08-2026	3.1
Biconical antenna + 6dB attenuator	Schwarzbeck + HP	VHA9103 + 8491A	114436	07-2024	07-2027	3.1
Logperiodic antenna	Schwarzbeck	VULP 9118B	115028	11-2024	11-2027	3.1
Horn antenna	EMCO	3115	114607	01-2025	01-2028	3.1
Horn antenna	FLANN-MICROWAVE	20240-25	114518	NA*	NA*	3.1
Preamplifier 1-18 GHz	µComp Nordic	MCNA-40-0010800-25-10P	114771	10-2025	10-2026	3.1
Preamplifier 18-40 GHz	Schwarzbeck	BBV-9721	115026	10-2025	10-2026	3.1
Semi-Anechoic Chamber	ETS Lindgren	SAR	114624	04-2026	04-2029	3.1
Test software	Raditeq	Radimation Version 2024.2.1	--	--	--	3.1

*Note: Standard gain horn antennas do not need calibration

NA= Not Applicable

Description	Manufacturer	Model	ID	Cal. Done date	Cal. due date	Used at Par.
Spectrum analyzer	Rohde & Schwarz	FSV3044	115043	01-2026	01-2027	3.2 – 3.6
Power meter and switch unit	Rohde & Schwarz	OSP220	115042	01-2024	01-2027	3.2 – 3.6
Switch unit	Rohde & Schwarz	OSP150	115041	11-2023	11-2026	3.2 – 3.6
Signal generator	Rohde & Schwarz	SMB100A	115040	01-2026	01-2027	3.2 – 3.6
Vector Signal Generator	Rohde & Schwarz	SMM100A	115039	01-2026	01-2027	3.2 – 3.6

2.4 Sample calculations

All formulas for data conversions and conversion factors are reported in chapter 4 of this test report.

3 Test results

3.1 Radiated spurious emissions

3.1.1 Limit

FCC 15.209(a)

The emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field strength (μV/m)	Field strength (dBμV/m)	Measurement distance(m)
0.009 – 0.490	2400/F(kHz)	$20 \cdot \{\log[2400] - \log[F(\text{kHz})]\}$	300*
0.490 – 1.705	24000/F(kHz)	$20 \cdot \{\log[24000] - \log[F(\text{kHz})]\}$	30*
1.705 – 30.0	30	29.5	30*
30 -88	100	40	3
88 - 216	150	43.5	3
216-960	200	46	3
Above 960	500	54	3

*Note: Measured values in the plots 9 kHz to 30 MHz corrected to 30m or 300m limit distance according to the method described in ANSI C63.10-2020, clause 6.4

RSS-GEN

The emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Magnetic field strength (H-Field) (μA/m)	Magnetic field strength (H-Field) (dBμA/m)	Field strength (μV/m)	Field strength (dBμV/m)	Measurement distance(m)
0.009 – 0.490	6.37/F (kHz)	$20 \cdot \{\log[6.37] - \log[F(\text{kHz})]\}$	N.A.	$20 \cdot \{\log[6.37] - \log[F(\text{kHz})]\} + 51.5$	300*
0.490 – 1.705	63.7/F (kHz)	$20 \cdot \{\log[63.7] - \log[F(\text{kHz})]\}$	N.A.	$20 \cdot \{\log[63.7] - \log[F(\text{kHz})]\} + 51.5$	30*
1.705 - 30	0.08	-21.9	N.A.	29.6	30*
30 -88	N.A.	N.A.	100	40	3
88 - 216	N.A.	N.A.	150	43.5	3
216-960	N.A.	N.A.	200	46	3
Above 960	N.A.	N.A.	500	54	3

*Note: Measured values in the plots 9 kHz to 30 MHz corrected to 30m or 300m limit distance according to the method described in ANSI C63.10-2020, clause 6.4.

3.1.2 Measurement instruments

The measurement instruments are listed in chapter 2.3 of this report.

3.1.3 Test setup

The test setup is as shown in chapter 2.2 of this report.

3.1.4 Test procedure

9 kHz – 30 MHz: According to ANSI C63.10-2020, section 6.4

30 MHz to 26.5 GHz: According to ANSI C63.10-2020, section 6.5 and 6.6

9 kHz to 30 MHz: IRN 441 – Method 10

30 MHz to 1 GHz: IRN 441 – Method 1

1 GHz to 18 GHz: IRN 441– Method 2

18 to 26 GHz: IRN 441– Method 3

In case of handheld and/or body-worn equipment, the EUT's orientation (X, Y, Z) was varied in order to ensure that maximum emission amplitudes were attained. In all other cases the associated cabling and the EUT orientation was varied for maximum emissions.

The spectrum was examined from 0.009 MHz to 10 times X GHz, not more than the 10th harmonic of the highest intentional generated frequency (X GHz). Final radiated emission measurements were made at 3m distance.

The 6 highest emission amplitudes relative to the appropriate limit were recorded in this report. Field strength values of radiated emissions at frequencies not listed in the tables are more than 20 dB below the applicable limit.

3.1.5 Measurement Uncertainty

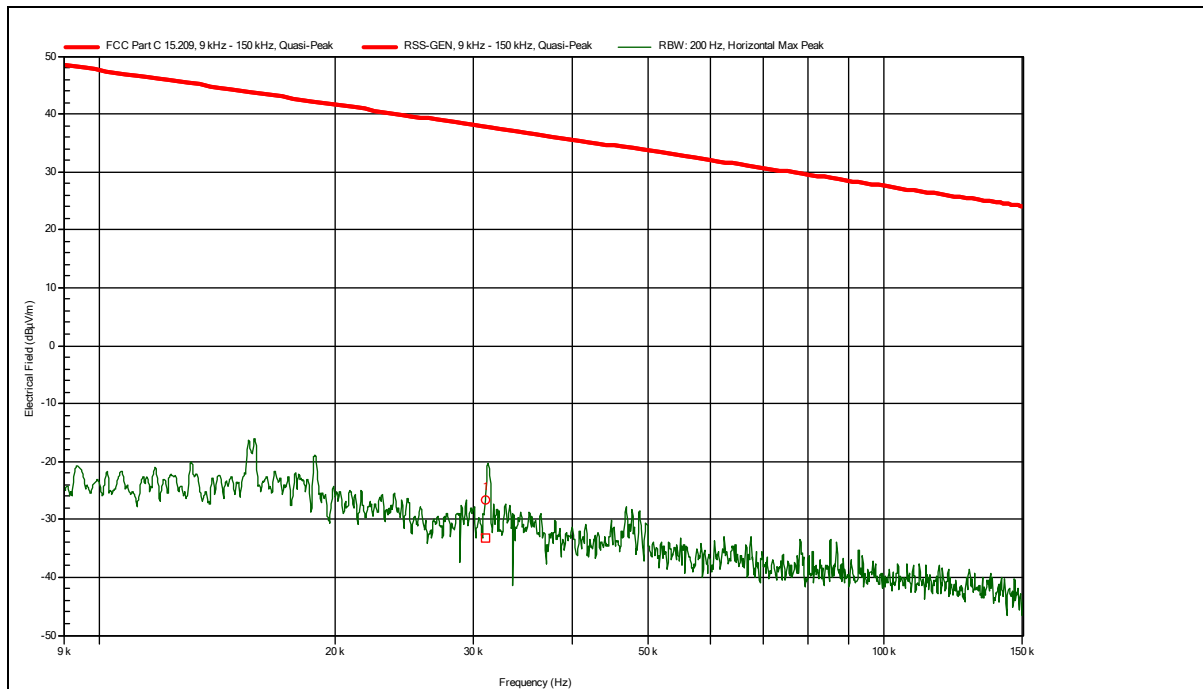
Frequency range	Polarization	Uncertainty
9 kHz – 30 MHz	--	±4.1 dB
30 – 200 MHz	Horizontal	±3.9 dB
	Vertical	±4.6 dB
200 -1000 MHz	Horizontal	±3.4 dB
	Vertical	±4.9 dB
1 – 6 GHz	Both	±4.3 dB
6 – 18 GHz	Both	±5.2 dB
18 – 26.5 GHz	Both	±5.1 dB
26.5 – 40 GHz	Both	±5.3 dB

3.1.6 Test results

See next page.

Radiated emission semi anechoic chamber 9 kHz to 150 kHz

Project number:		Test ID:	40
Test date:	22-4-2026 15:24:12		
Resolution	200 Hz	Video	500 Hz
bandwidth:		bandwidth:	
Antenna distance:	3 m		
Antenna polarization:	Horizontal		
Mode of operation:	TX BLE		
	low channel (2402)		



Detected peaks

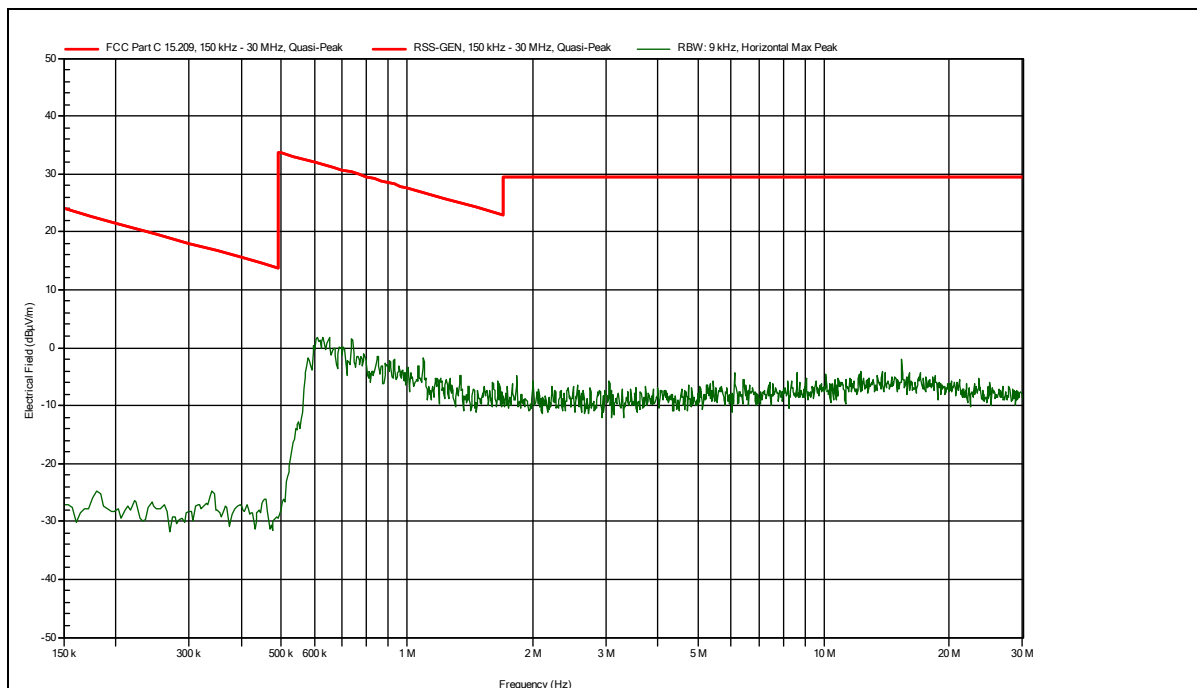
Peak Number	Frequency (MHz)	Quasi-Peak (dBμV/m)	Quasi-Peak Limit (dBμV/m)	Angle (degrees)	Height (m)	Polarization	Status
1	0.031	-33.1	37.7	360	1	Horizontal	Pass

Remarks

Parallel

Radiated emission semi anechoic chamber 150 kHz to 30 MHz

Project number:		Test ID:	41
Test date:	22-4-2026 15:28:28		
Resolution	9 kHz	Video	30 kHz
bandwidth:		bandwidth:	
Antenna distance:	3 m		
Antenna polarization:	Horizontal		
Mode of operation:	TX BLE		
	low channel (2402)		

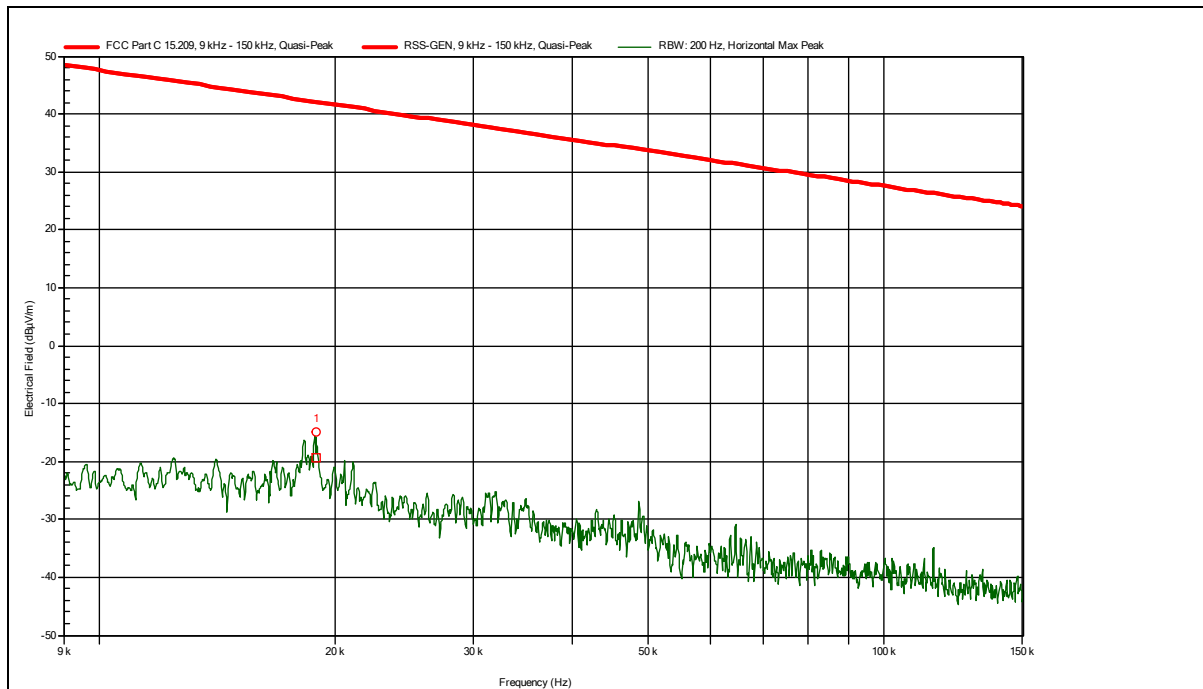


Remarks

Parallel

Radiated emission semi anechoic chamber 9 kHz to 150 kHz

Project number:		Test ID:	42
Test date:	22-4-2026 15:31:45		
Resolution	200 Hz	Video	500 Hz
bandwidth:		bandwidth:	
Antenna distance:	3 m		
Antenna polarization:	Horizontal		
Mode of operation:	TX BLE		
	low channel (2402)		



Detected peaks

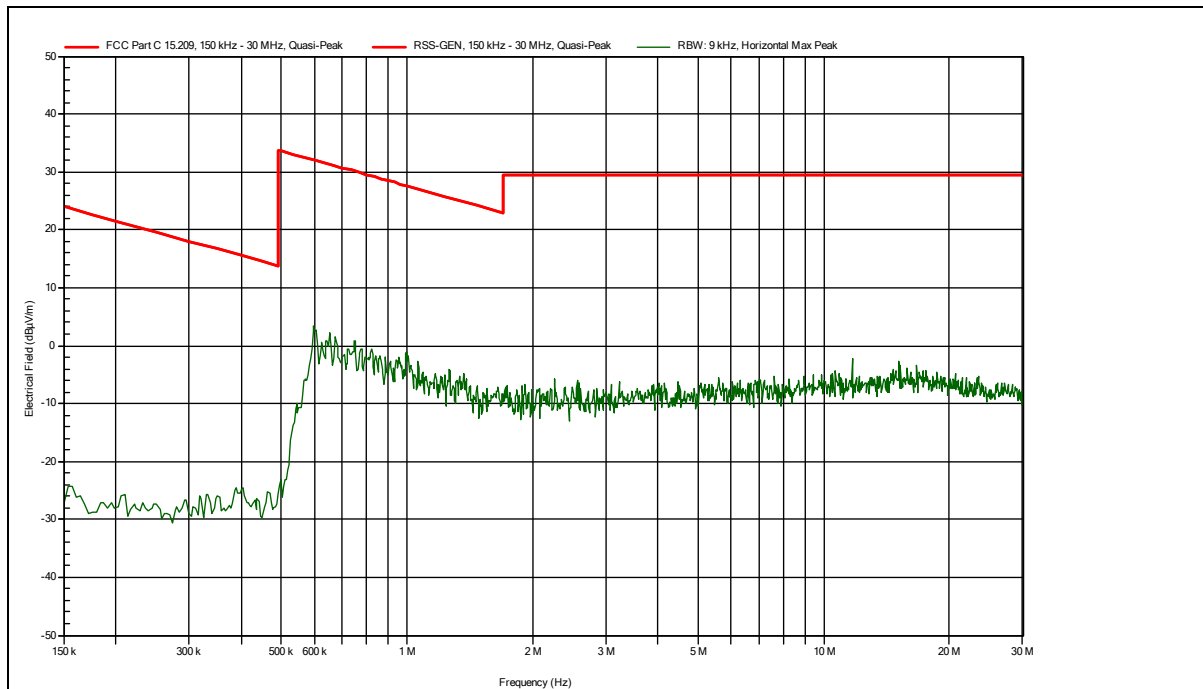
Peak Number	Frequency (MHz)	Quasi-Peak (dBμV/m)	Quasi-Peak Limit (dBμV/m)	Angle (degrees)	Height (m)	Polarization	Status
1	0.019	-19.4	42.1	360	1	Horizontal	Pass

Remarks

Perpendicular

Radiated emission semi anechoic chamber 150 kHz to 30 MHz

Project number:		Test ID:	43
Test date:	22-4-2026 15:36:55		
Resolution	9 kHz	Video	30 kHz
bandwidth:		bandwidth:	
Antenna distance:	3 m		
Antenna polarization:	Horizontal		
Mode of operation:	TX BLE		
	low channel (2402)		

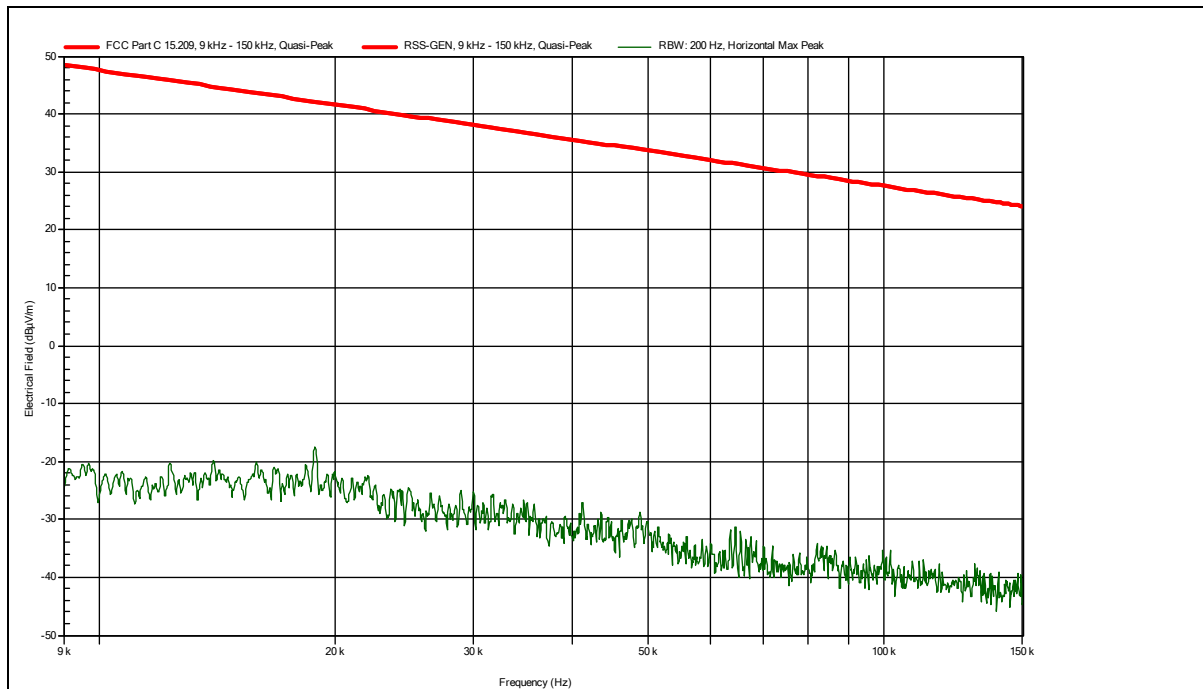


Remarks

Perpendiculair

Radiated emission semi anechoic chamber 9 kHz to 150 kHz

Project number:		Test ID:	44
Test date:	22-4-2026 15:40:36		
Resolution	200 Hz	Video	500 Hz
bandwidth:		bandwidth:	
Antenna distance:	3 m		
Antenna polarization:	Horizontal		
Mode of operation:	TX Mira		
	low channel (2402)		

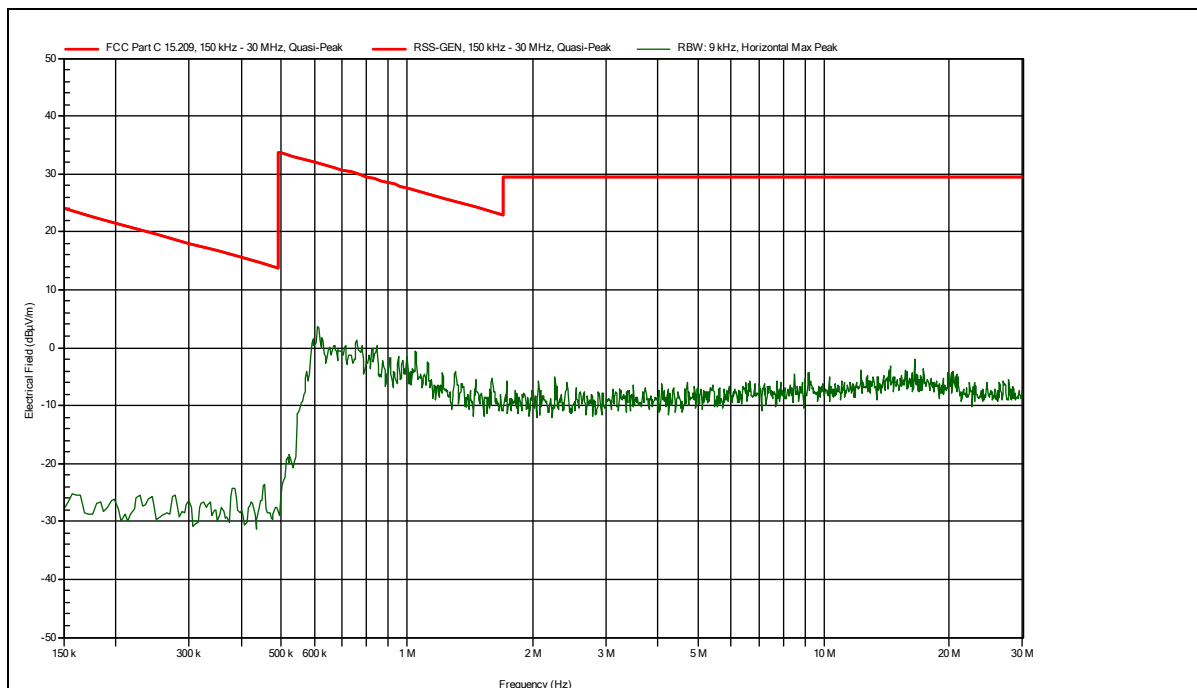


Remarks

Perpendiculair

Radiated emission semi anechoic chamber 150 kHz to 30 MHz

Project number:		Test ID:	45
Test date:	22-4-2026 15:43:42		
Resolution	9 kHz	Video	30 kHz
bandwidth:		bandwidth:	
Antenna distance:	3 m		
Antenna polarization:	Horizontal		
Mode of operation:	TX Mira		
	low channel (2402)		

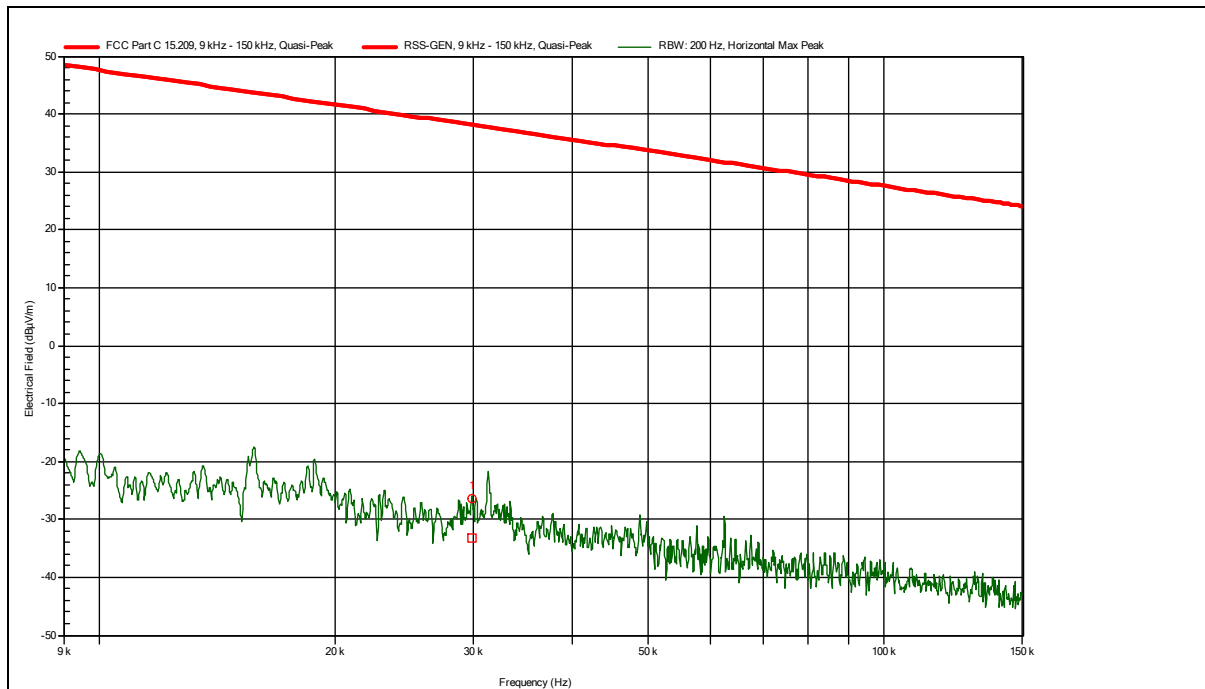


Remarks

Perpendiculair

Radiated emission semi anechoic chamber 9 kHz to 150 kHz

Project number:		Test ID:	46
Test date:	22-4-2026 15:46:26		
Resolution	200 Hz	Video	500 Hz
bandwidth:		bandwidth:	
Antenna distance:	3 m		
Antenna polarization:	Horizontal		
Mode of operation:	TX Mira		
	low channel (2402)		



Detected peaks

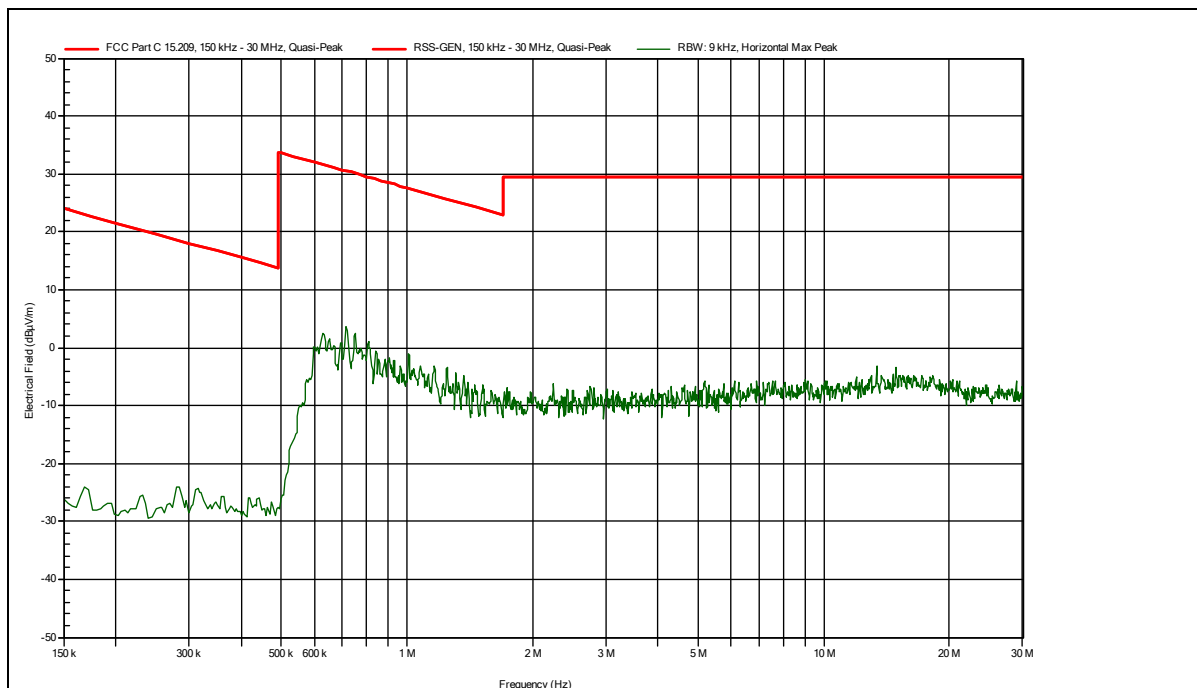
Peak Number	Frequency (MHz)	Quasi-Peak (dBμV/m)	Quasi-Peak Limit (dBμV/m)	Angle (degrees)	Height (m)	Polarization	Status
1	0.03	-33.2	38.1	170	1	Horizontal	Pass

Remarks

Parallel

Radiated emission semi anechoic chamber 150 kHz to 30 MHz

Project number:		Test ID:	47
Test date:	22-4-2026 15:50:37		
Resolution	9 kHz	Video	30 kHz
bandwidth:		bandwidth:	
Antenna distance:	3 m		
Antenna polarization:	Horizontal		
Mode of operation:	TX Mira		
	low channel (2402)		

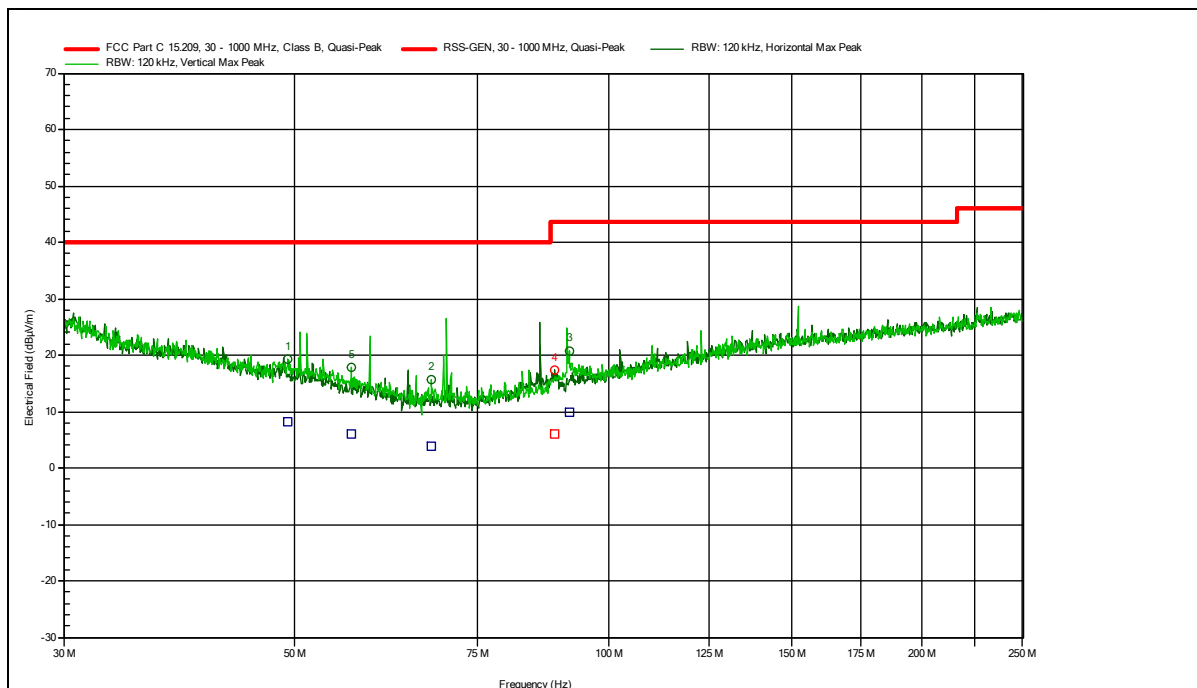


Remarks

Parallel

Radiated emission semi anechoic chamber 30 MHz to 250 MHz

Project number:		Test ID:	27
Test date:	22-4-2026 08:31:55		
Resolution	120 kHz	Video	300 kHz
bandwidth:		bandwidth:	
Antenna distance:	3 m	Antenna height:	1 - 4 m
Antenna polarization:	Both		
Mode of operation:	TX BLE		
	low channel (2402)		

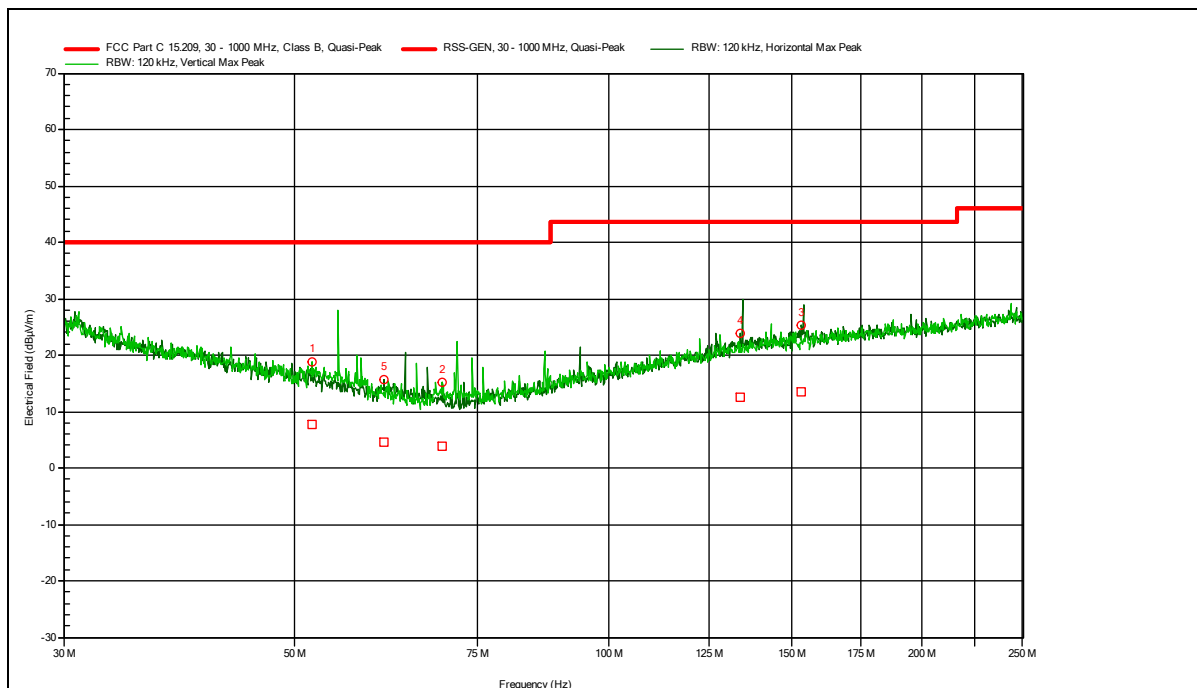


Detected peaks

Peak Number	Frequency (MHz)	Quasi-Peak (dBμV/m)	Quasi-Peak Limit (dBμV/m)	Angle (degrees)	Height (m)	Polarization	Status
1	49,31	8,3	40	298	1,3	Vertical	Pass
2	67,713	4	40	16	2,5	Vertical	Pass
3	91,832	10	43,5	80	1,5	Vertical	Pass
4	88,796	6,1	43,5	253	2,7	Horizontal	Pass
5	56,611	6,1	40	313	1,8	Vertical	Pass

Radiated emission semi anechoic chamber 30 MHz to 250 MHz

Project number:		Test ID:	28
Test date:	22-4-2026 09:11:17		
Resolution	120 kHz	Video	300 kHz
bandwidth:		bandwidth:	
Antenna distance:	3 m	Antenna height:	1 - 4 m
Antenna polarization:	Both		
Mode of operation:	TX BLE		
	mid channel (2440)		

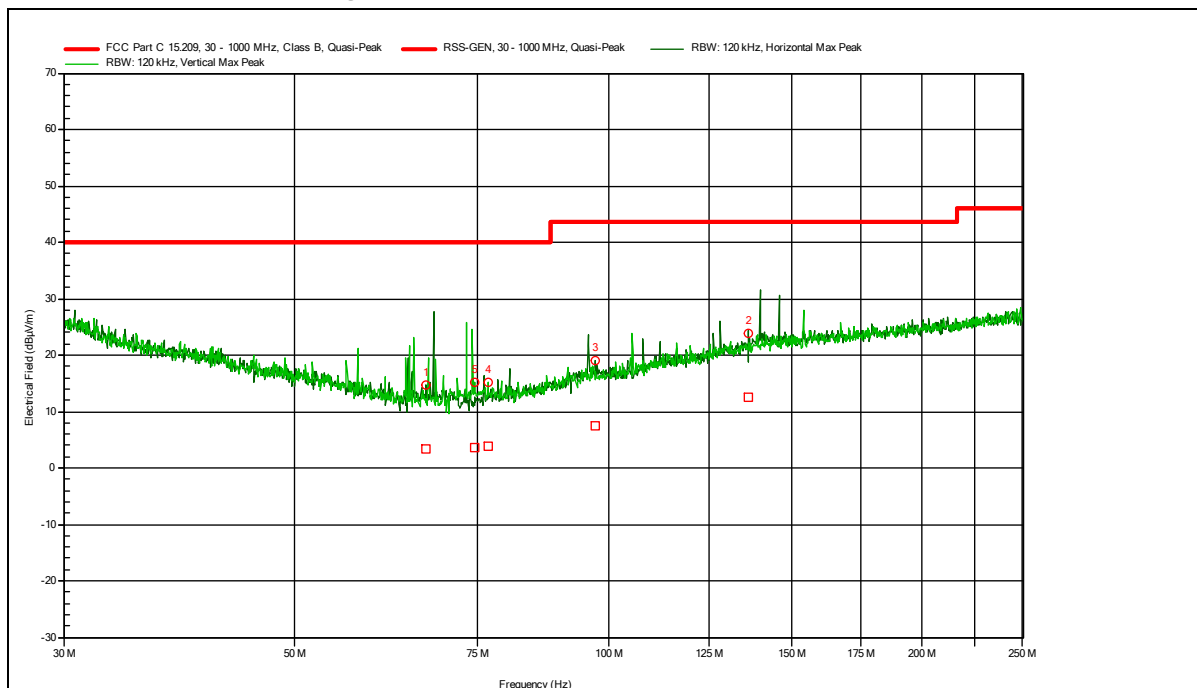


Detected peaks

Peak Number	Frequency (MHz)	Quasi-Peak (dBμV/m)	Quasi-Peak Limit (dBμV/m)	Angle (degrees)	Height (m)	Polarization	Status
1	51,901	7,7	40	188	2,2	Vertical	Pass
2	69,382	3,7	40	160	1	Vertical	Pass
3	153,321	13,6	43,5	314	2,3	Horizontal	Pass
4	133,862	12,5	43,5	314	1,3	Horizontal	Pass
5	60,993	4,6	40	75	4,1	Horizontal	Pass

Radiated emission semi anechoic chamber 30 MHz to 250 MHz

Project number:		Test ID:	29
Test date:	22-4-2026 09:45:50		
Resolution	120 kHz	Video	300 kHz
bandwidth:		bandwidth:	
Antenna distance:	3 m	Antenna height:	1 - 4 m
Antenna polarization:	Both		
Mode of operation:	TX BLE		
	high channel (2480)		

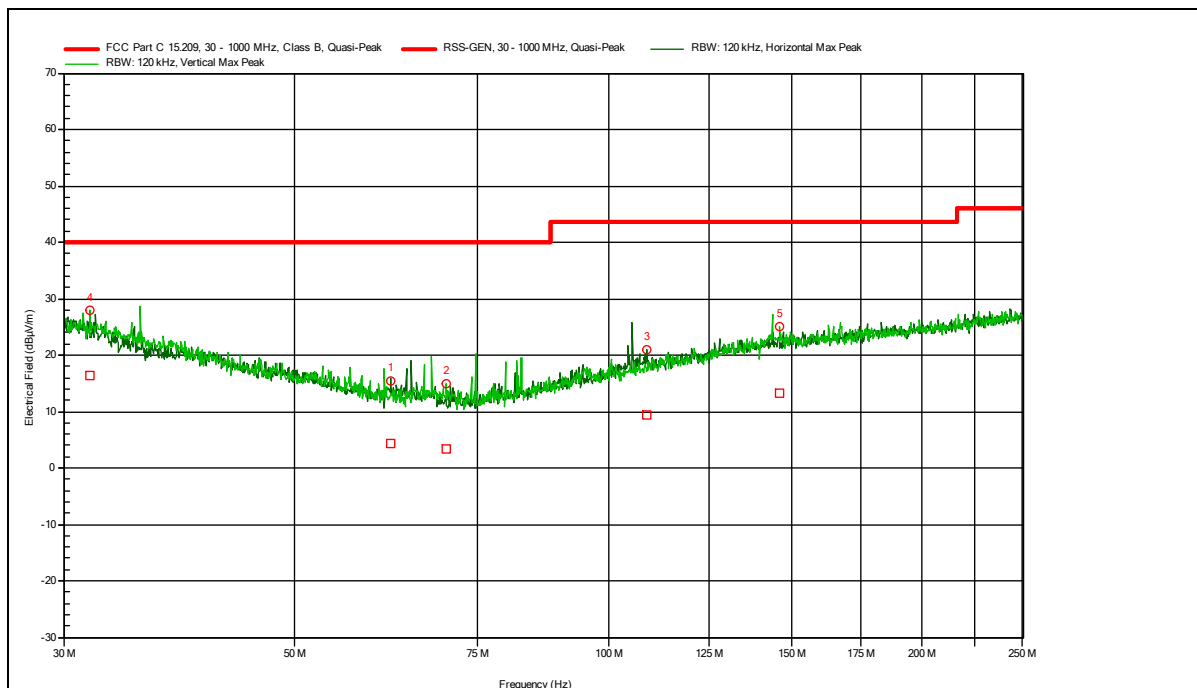


Detected peaks

Peak Number	Frequency (MHz)	Quasi-Peak (dBμV/m)	Quasi-Peak Limit (dBμV/m)	Angle (degrees)	Height (m)	Polarization	Status
1	66,852	3,4	40	107	3,2	Horizontal	Pass
2	136,445	12,6	43,5	140	4	Horizontal	Pass
3	97,263	7,4	43,5	295	2,8	Horizontal	Pass
4	76,623	3,8	40	314	3	Vertical	Pass
5	74,345	3,6	40	139	1,5	Vertical	Pass

Radiated emission semi anechoic chamber 30 MHz to 250 MHz

Project number:		Test ID:	30
Test date:	22-4-2026 10:54:39		
Resolution	120 kHz	Video	300 kHz
bandwidth:		bandwidth:	
Antenna distance:	3 m	Antenna height:	1 - 4 m
Antenna polarization:	Both		
Mode of operation:	TX Mira		
	low channel (2402)		

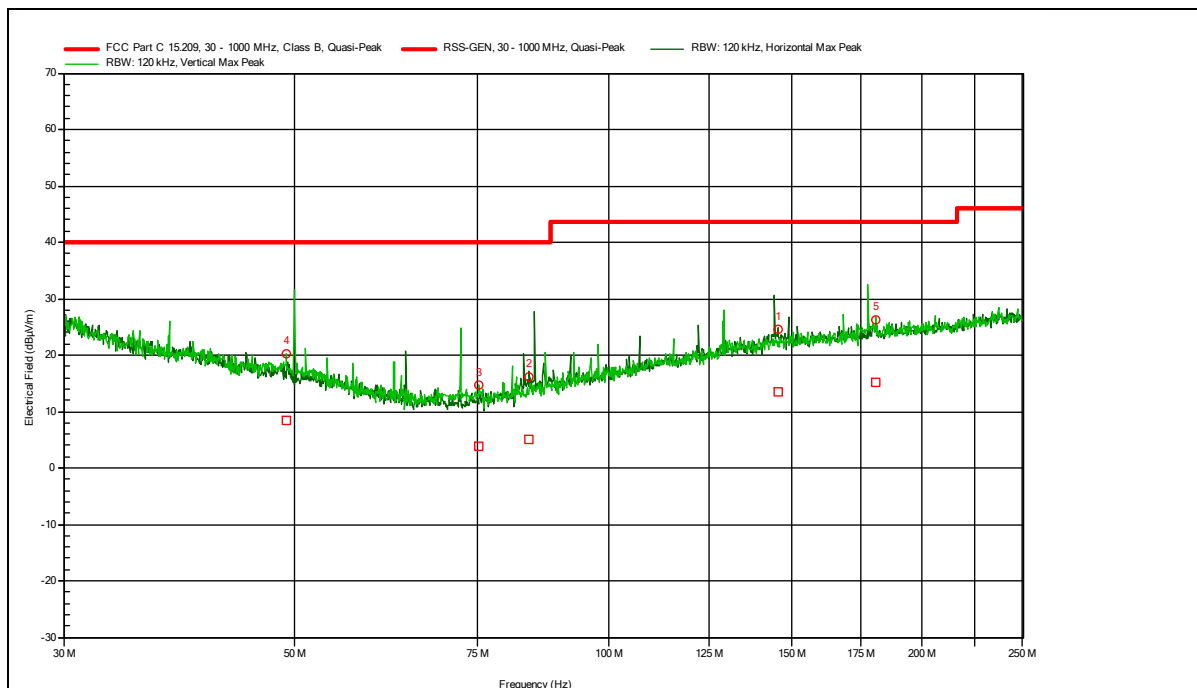


Detected peaks

Peak Number	Frequency (MHz)	Quasi-Peak (dBμV/m)	Quasi-Peak Limit (dBμV/m)	Angle (degrees)	Height (m)	Polarization	Status
1	61,785	4,3	40	127	2,7	Horizontal	Pass
2	69,868	3,3	40	315	2	Vertical	Pass
3	108,887	9,3	43,5	95	1,3	Horizontal	Pass
4	31,81	16,4	40	281	1	Vertical	Pass
5	146,098	13,3	43,5	93	1	Vertical	Pass

Radiated emission semi anechoic chamber 30 MHz to 250 MHz

Project number:		Test ID:	31
Test date:	22-4-2026 11:41:13		
Resolution	120 kHz	Video	300 kHz
bandwidth:		bandwidth:	
Antenna distance:	3 m	Antenna height:	1 - 4 m
Antenna polarization:	Both		
Mode of operation:	TX Mira		
	mid channel (2440)		

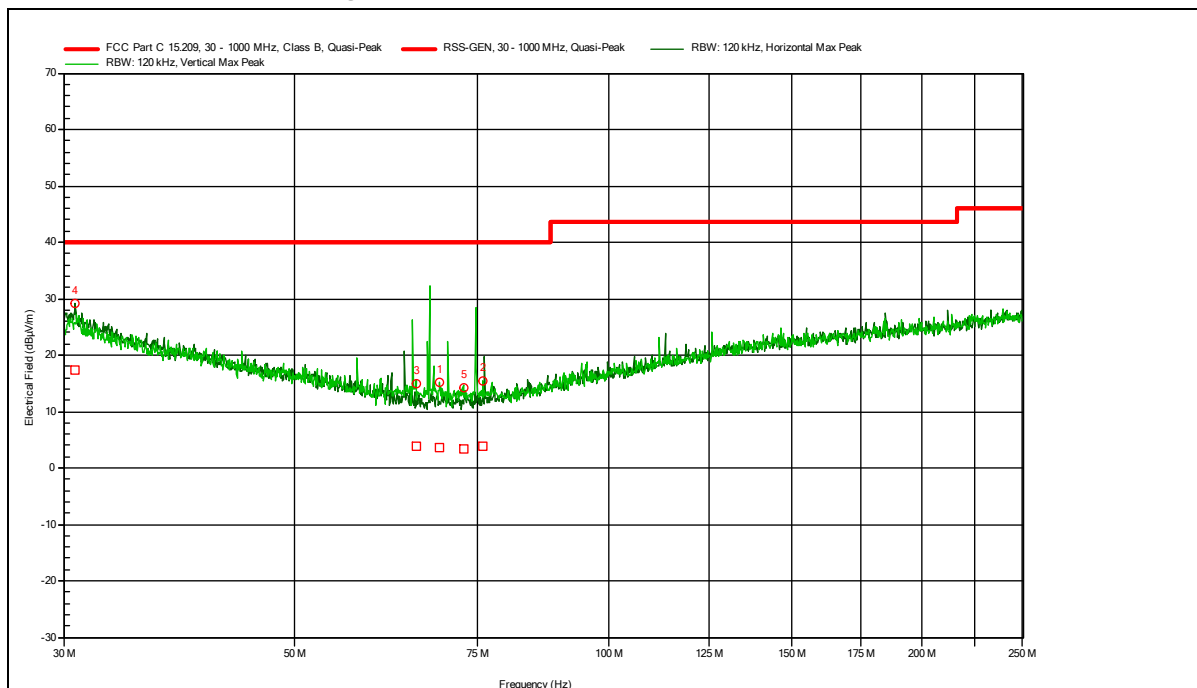


Detected peaks

Peak Number	Frequency (MHz)	Quasi-Peak (dBμV/m)	Quasi-Peak Limit (dBμV/m)	Angle (degrees)	Height (m)	Polarization	Status
1	145,547	13,4	43,5	282	1,3	Horizontal	Pass
2	83,882	5	40	203	2	Horizontal	Pass
3	75,213	3,8	40	233	2,5	Vertical	Pass
4	49,117	8,5	40	313	1,2	Vertical	Pass
5	180,51	15,1	43,5	186	1	Vertical	Pass

Radiated emission semi anechoic chamber 30 MHz to 250 MHz

Project number:		Test ID:	32
Test date:	22-4-2026 12:12:33		
Resolution	120 kHz	Video	300 kHz
bandwidth:		bandwidth:	
Antenna distance:	3 m	Antenna height:	1 - 4 m
Antenna polarization:	Both		
Mode of operation:	TX Mira		
	high channel (2480)		

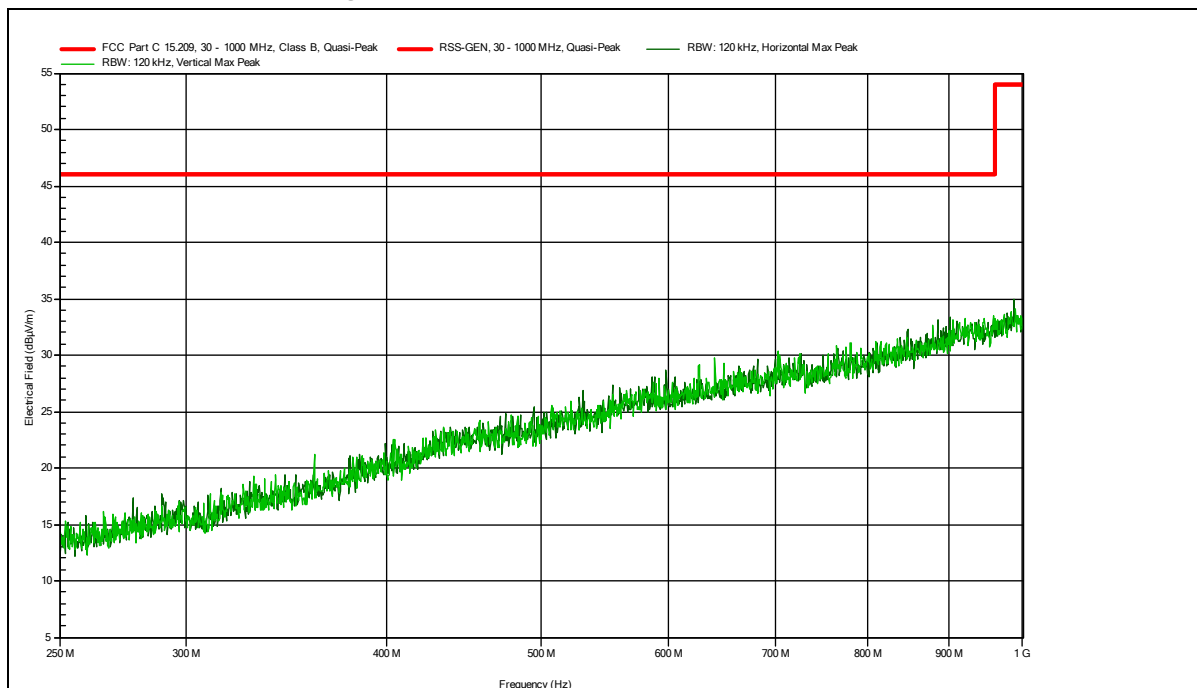


Detected peaks

Peak Number	Frequency (MHz)	Quasi-Peak (dBμV/m)	Quasi-Peak Limit (dBμV/m)	Angle (degrees)	Height (m)	Polarization	Status
1	68,887	3,7	40	313	2,8	Vertical	Pass
2	75,788	3,9	40	68	1,5	Vertical	Pass
3	65,359	3,8	40	170	2,3	Vertical	Pass
4	30,751	17,4	40	80	3	Horizontal	Pass
5	72,616	3,3	40	140	2,5	Vertical	Pass

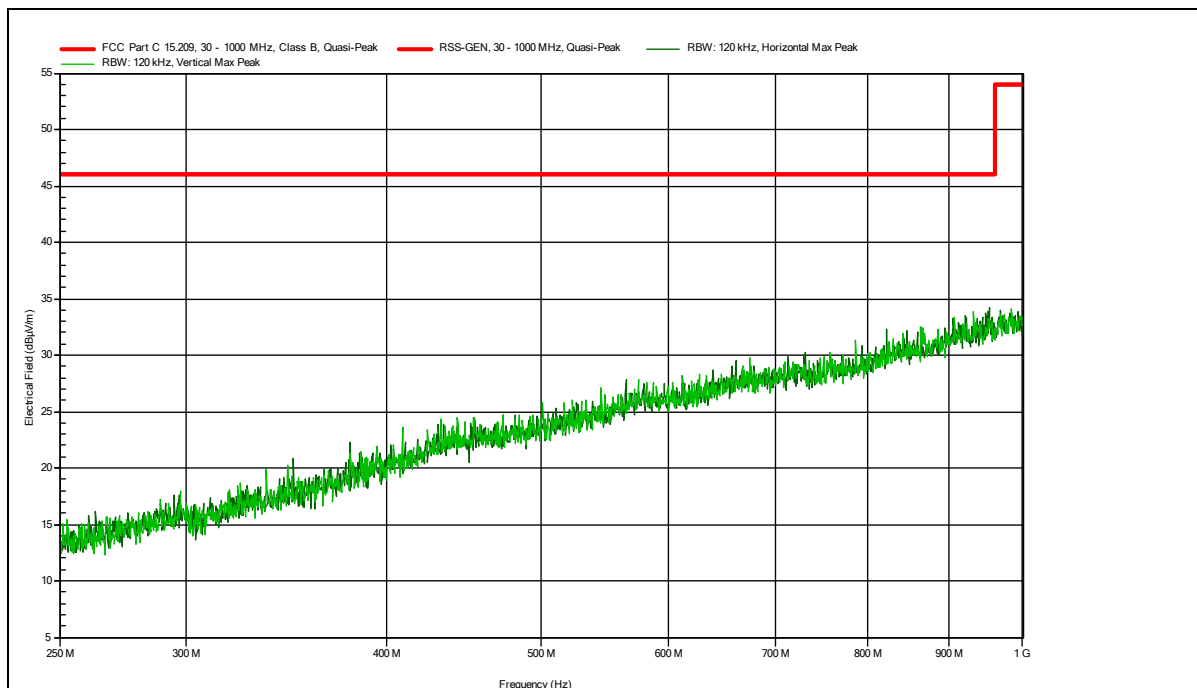
Radiated emission semi anechoic chamber 250 MHz to 1 GHz

Project number:		Test ID:	34
Test date:	22-4-2026 13:11:28		
Resolution	120 kHz	Video	300 kHz
bandwidth:		bandwidth:	
Antenna distance:	3 m	Antenna height:	1 - 4 m
Antenna polarization:	Both		
Mode of operation:	TX Mira		
	high channel (2480)		



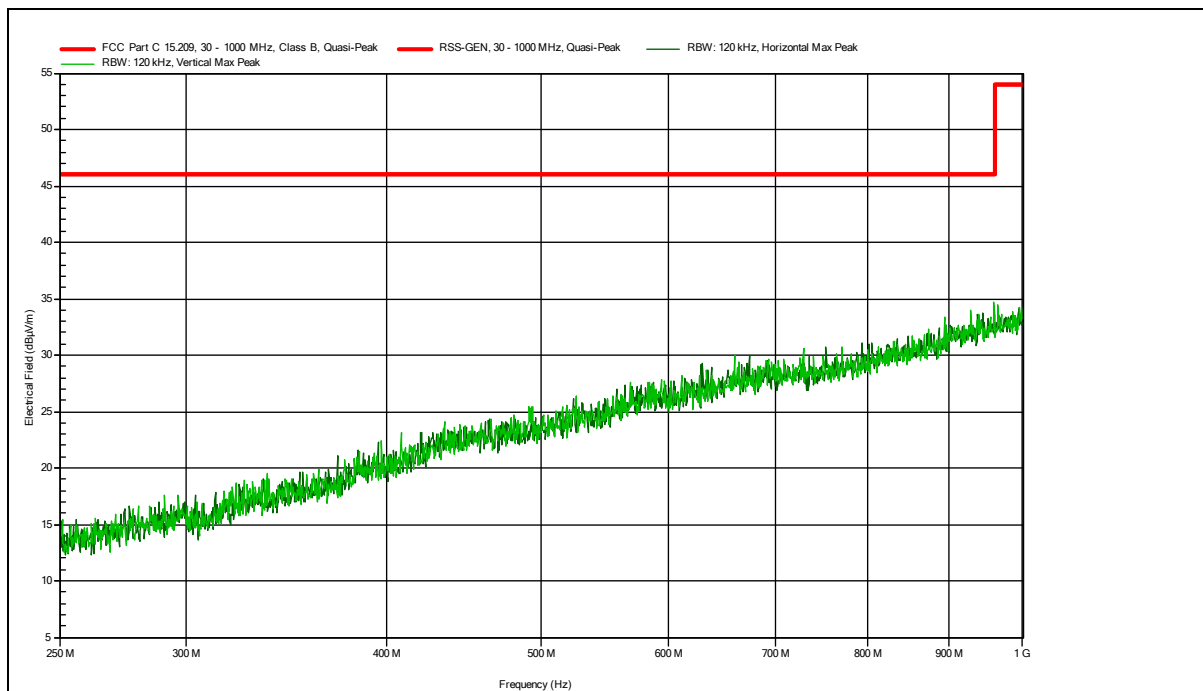
Radiated emission semi anechoic chamber 250 MHz to 1 GHz

Project number:		Test ID:	35
Test date:	22-4-2026 13:31:04		
Resolution	120 kHz	Video	300 kHz
bandwidth:		bandwidth:	
Antenna distance:	3 m	Antenna height:	1 - 4 m
Antenna polarization:	Both		
Mode of operation:	TX Mira		
	mid channel (2440)		



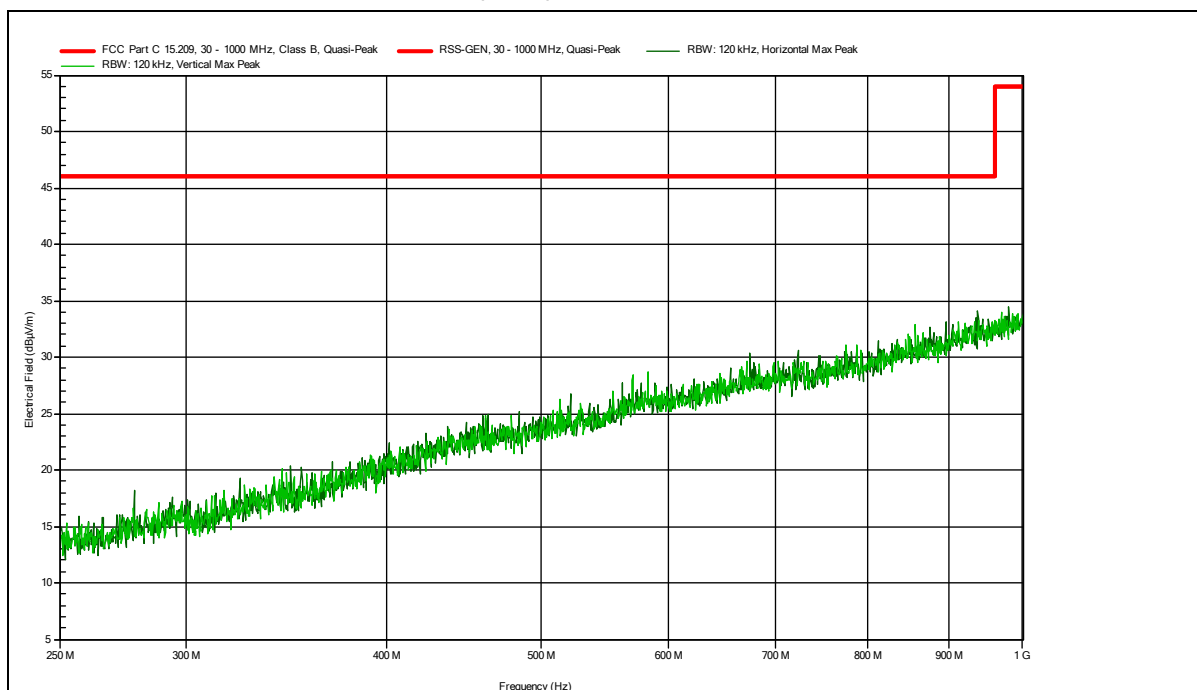
Radiated emission semi anechoic chamber 250 MHz to 1 GHz

Project number:		Test ID:	36
Test date:	22-4-2026 13:54:29		
Resolution	120 kHz	Video	300 kHz
bandwidth:		bandwidth:	
Antenna distance:	3 m	Antenna height:	1 - 4 m
Antenna polarization:	Both		
Mode of operation:	TX Mira		
	low channel (2402)		



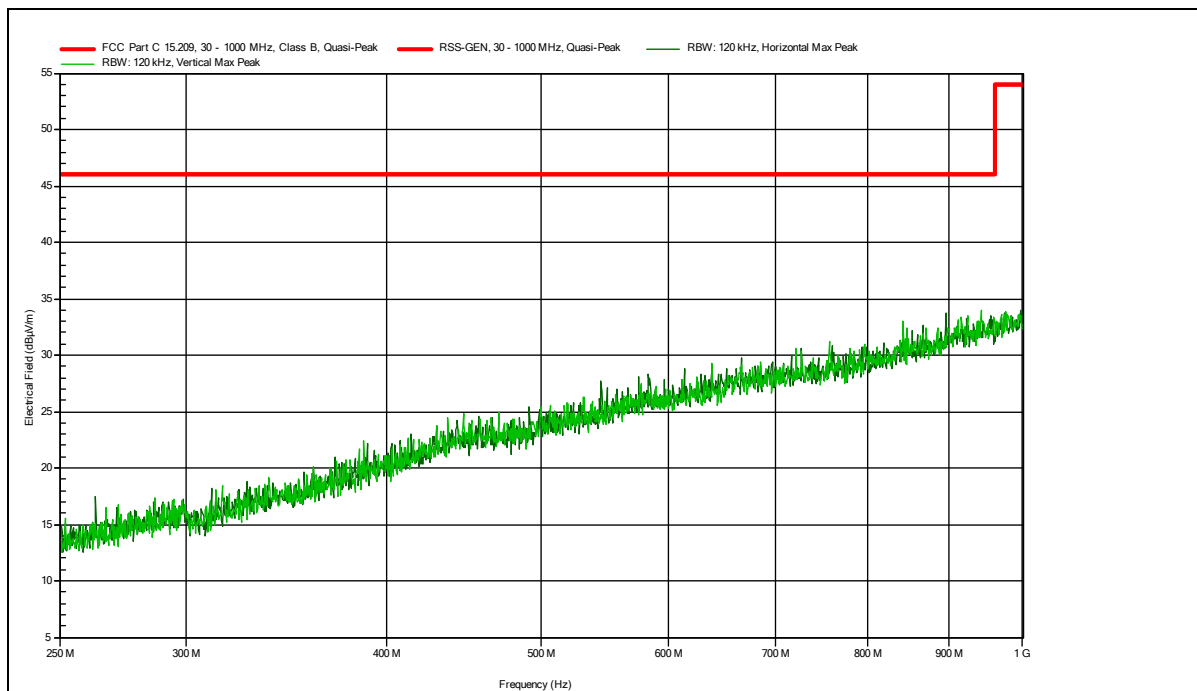
Radiated emission semi anechoic chamber 250 MHz to 1 GHz

Project number:		Test ID:	37
Test date:	22-4-2026 14:13:54		
Resolution	120 kHz	Video	300 kHz
bandwidth:		bandwidth:	
Antenna distance:	3 m	Antenna height:	1 - 4 m
Antenna polarization:	Both		
Mode of operation:	TX BLE		
	low channel (2402)		



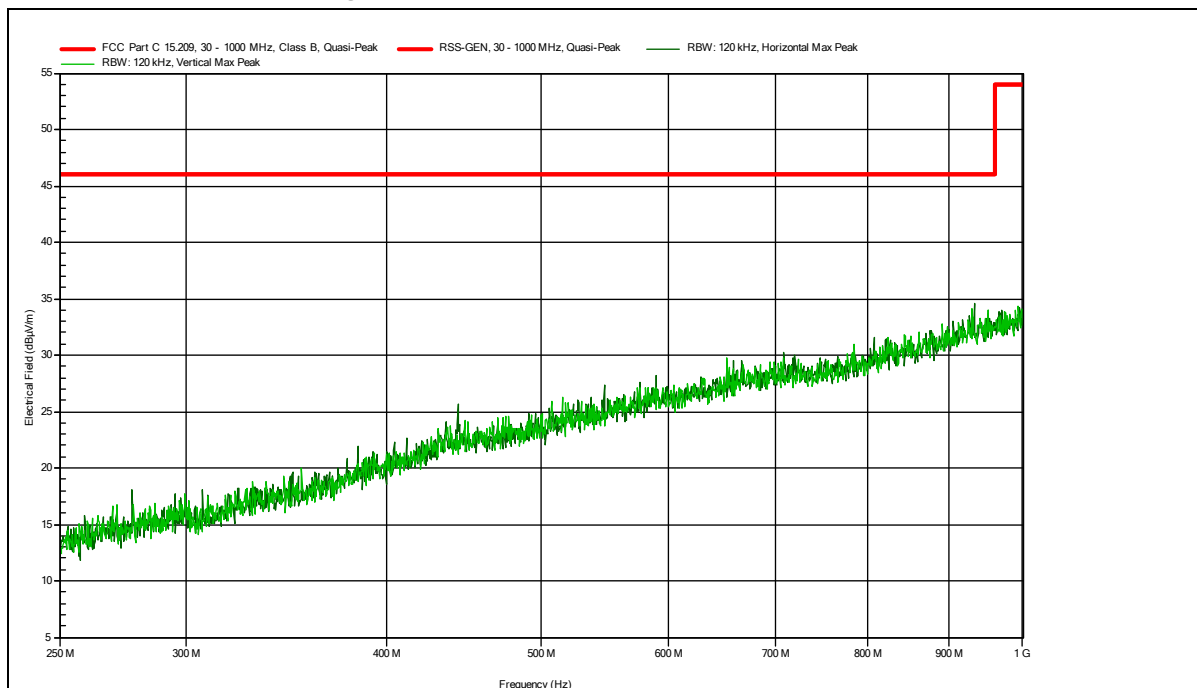
Radiated emission semi anechoic chamber 250 MHz to 1 GHz

Project number:		Test ID:	38
Test date:	22-4-2026 14:32:36		
Resolution	120 kHz	Video	300 kHz
bandwidth:		bandwidth:	
Antenna distance:	3 m	Antenna height:	1 - 4 m
Antenna polarization:	Both		
Mode of operation:	TX BLE		
	mid channel (2440)		



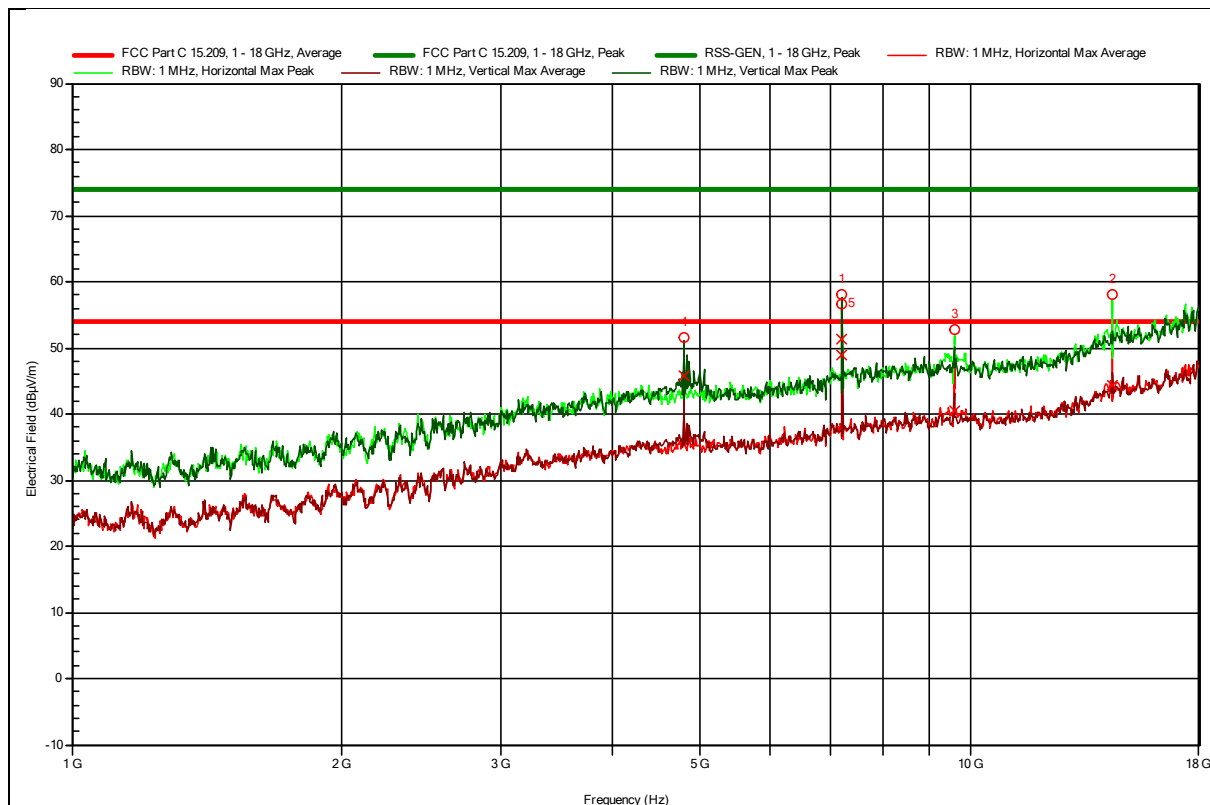
Radiated emission semi anechoic chamber 250 MHz to 1 GHz

Project number:		Test ID:	39
Test date:	22-4-2026 14:53:00		
Resolution	120 kHz	Video	300 kHz
bandwidth:		bandwidth:	
Antenna distance:	3 m	Antenna height:	1 - 4 m
Antenna polarization:	Both		
Mode of operation:	TX BLE		
	high channel (2480)		



Radiated emission full anechoic chamber 1 GHz to 18 GHz

Project number:		Test ID:	62
Test date:	5-5-2026 12:52:20		
Resolution	1 MHz	Video	3 MHz
bandwidth:		bandwidth:	
Antenna distance:	3 m	Antenna height:	1 m to 4 m
Antenna polarization:	Both		
Mode of operation:	TX BLE		
	low channel (2402)		



Detected peaks

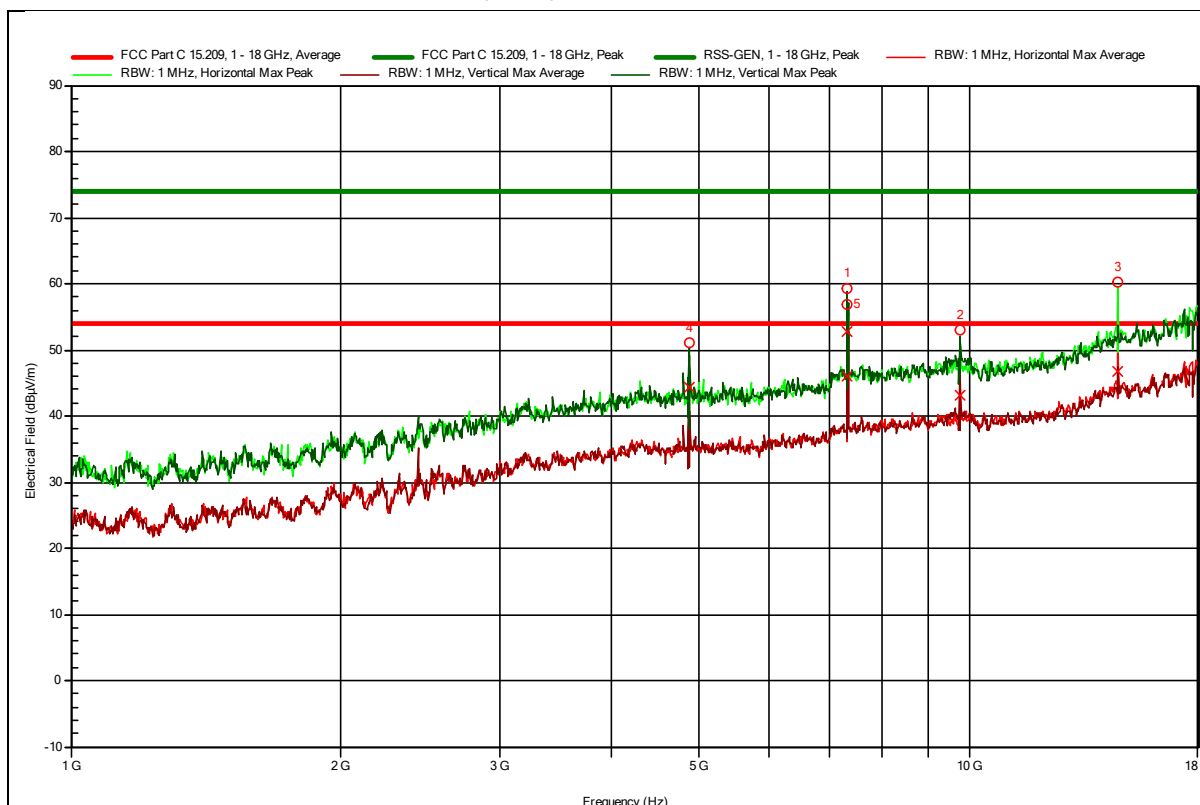
Peak Number	Frequency (MHz)	Peak (dBµV/m)	Peak Limit (dBµV/m)	Average (dBµV/m)	Average Limit (dBµV/m)	Angle (degrees)	Height (m)	Polarization	Status
4	4803,585	51,6	74	45,9	54	5	3,25	Vertical	Pass
3	9608,52	52,8	74	40,4	54	102	4	Horizontal	Pass
5	7204,861	56,7	74	48,8	54	156	1,25	Horizontal	Pass
2	14413,162	58	74	44,3	54	299	1,5	Horizontal	Pass
1	7205,071	58	74	51,3	54	313	3	Vertical	Pass

Remarks

Adjusted sample

Radiated emission full anechoic chamber 1 GHz to 18 GHz

Project number:		Test ID:	61
Test date:	5-5-2026 12:17:25		
Resolution	1 MHz	Video	3 MHz
bandwidth:		bandwidth:	
Antenna distance:	3 m	Antenna height:	1 m to 4 m
Antenna polarization:	Both		
Mode of operation:	TX BLE		
	mid channel (2440)		



Detected peaks

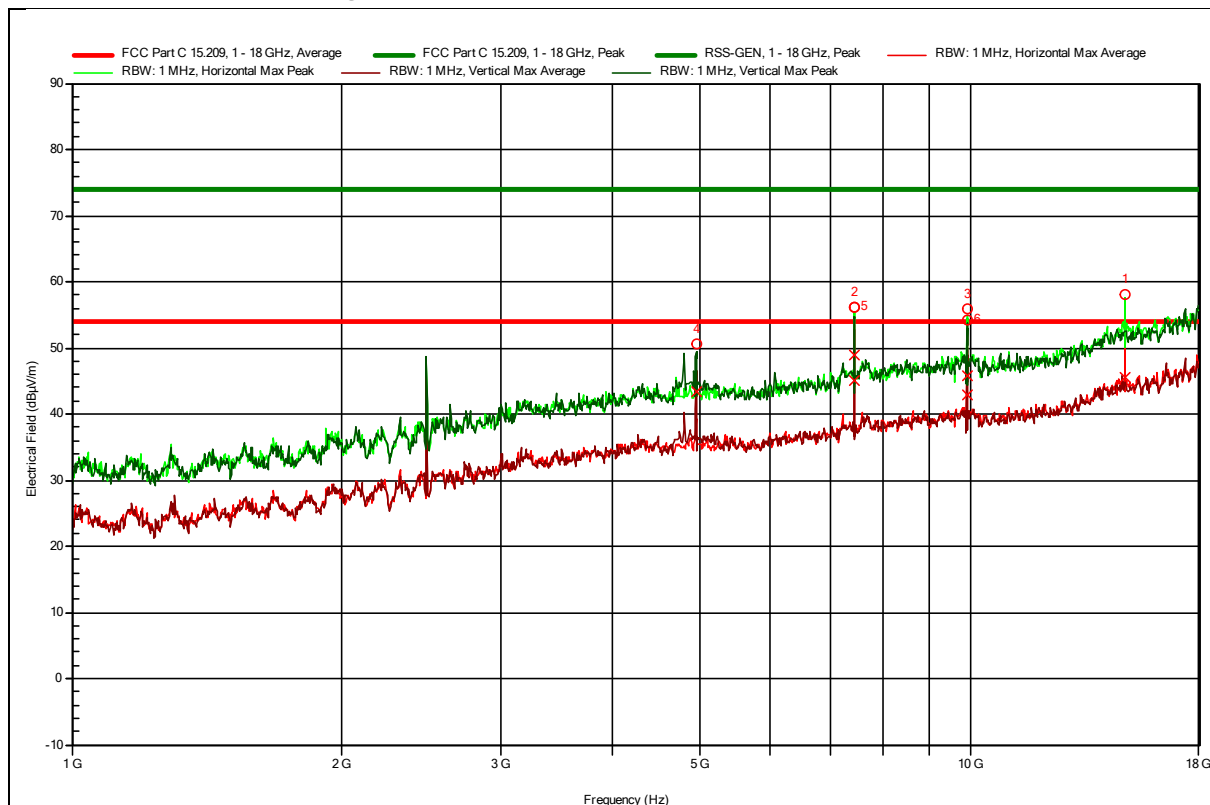
Peak Number	Frequency (MHz)	Peak (dBμV/m)	Peak Limit (dBμV/m)	Average (dBμV/m)	Average Limit (dBμV/m)	Angle (degrees)	Height (m)	Polarization	Status
5	7320,391	56,8	74	46	54	162	2,25	Horizontal	Pass
2	9758,46	53,1	74	43,1	54	165	4,1	Vertical	Pass
1	7319,131	59,2	74	52,9	54	205	2	Vertical	Pass
3	14641,078	60,3	74	46,8	54	240	1	Horizontal	Pass
4	4879,86	51,1	74	44,4	54	360	2,75	Vertical	Pass

Remarks

Adjusted sample

Radiated emission full anechoic chamber 1 GHz to 18 GHz

Project number:		Test ID:	60
Test date:	5-5-2026 11:39:18		
Resolution	1 MHz	Video	3 MHz
bandwidth:		bandwidth:	
Antenna distance:	3 m	Antenna height:	1 m to 4 m
Antenna polarization:	Both		
Mode of operation:	TX BLE		
	high channel (2480)		

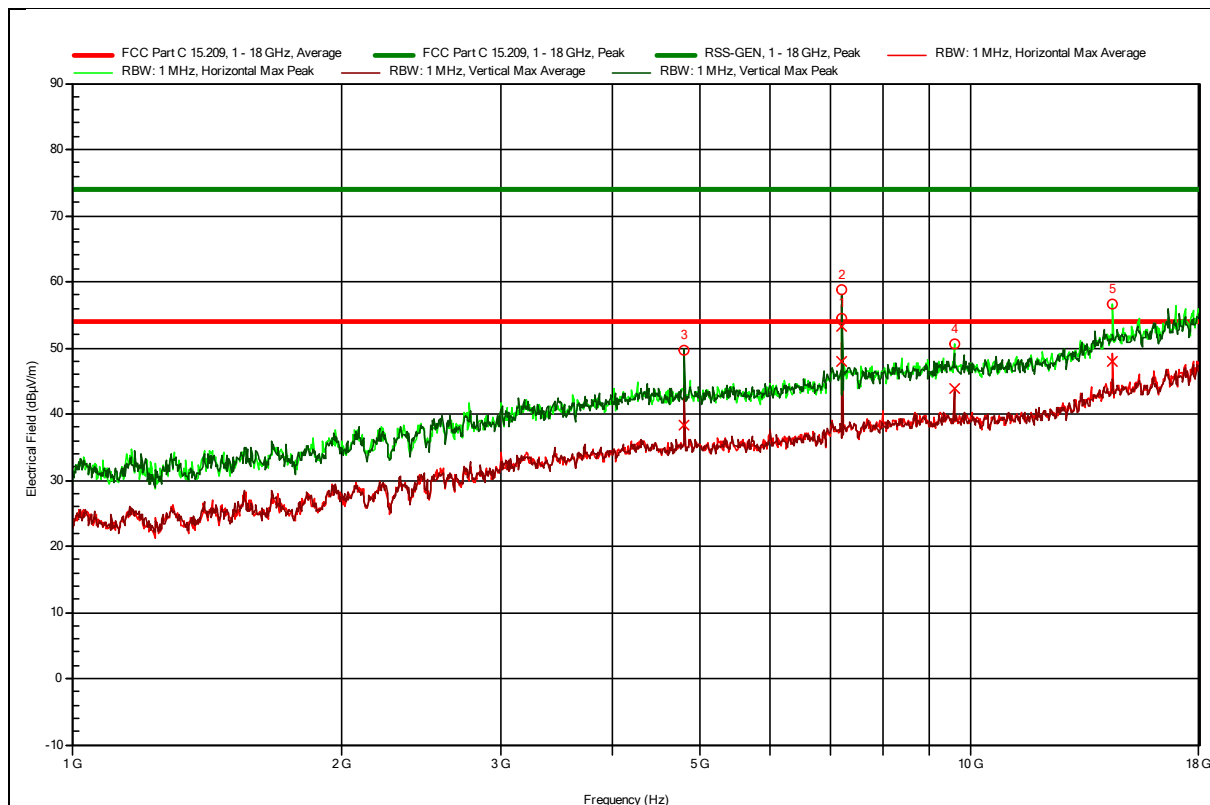


Detected peaks

Peak Number	Frequency (MHz)	Peak (dBµV/m)	Peak Limit (dBµV/m)	Average (dBµV/m)	Average Limit (dBµV/m)	Angle (degrees)	Height (m)	Polarization	Status
6	9918,96	54,3	74	45,7	54	18	1,75	Vertical	Pass
4	4959,38	50,6	74	43,3	54	29	4	Vertical	Pass
3	9920,7	55,8	74	43	54	66	2	Horizontal	Pass
2	7440,384	56,2	74	45	54	150	2,25	Horizontal	Pass
1	14880,942	58,1	74	45,6	54	194	3	Horizontal	Pass
5	7439,065	56.1	74	48.8	54	296	2.25	Vertical	Pass

Radiated emission full anechoic chamber 1 GHz to 18 GHz

Project number:		Test ID:	65
Test date:	5-5-2026 14:35:17		
Resolution	1 MHz	Video	3 MHz
bandwidth:		bandwidth:	
Antenna distance:	3 m	Antenna height:	1 m to 4 m
Antenna polarization:	Both		
Mode of operation:	TX Mira		
	low channel (2402)		



Detected peaks

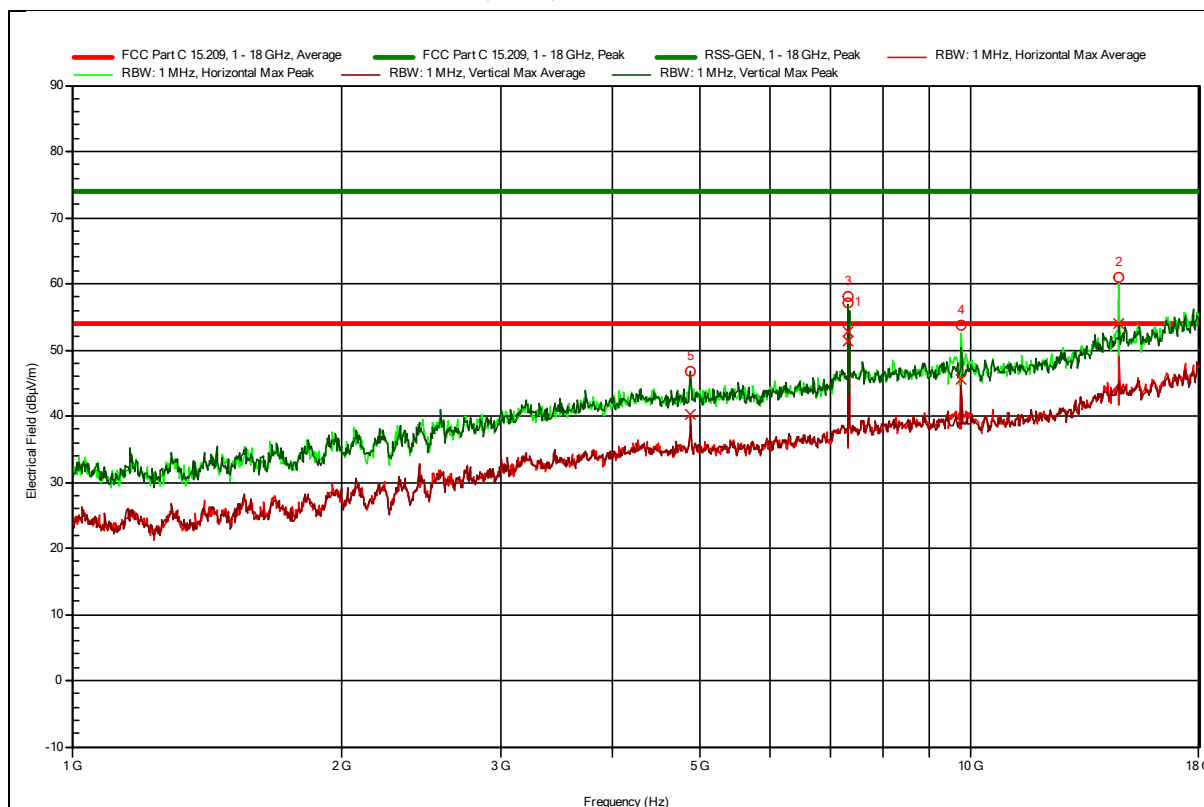
Peak Number	Frequency (MHz)	Peak (dBμV/m)	Peak Limit (dBμV/m)	Average (dBμV/m)	Average Limit (dBμV/m)	Angle (degrees)	Height (m)	Polarization	Status
3	4801,625	49,7	74	38,2	54	0	4	Vertical	Pass
4	9606,25	50,6	74	43,8	54	19	2	Horizontal	Pass
1	7205,225	54,4	74	47,9	54	109	2,25	Horizontal	Pass
2	7206,587	58,7	74	53,2	54	166	2	Vertical	Pass
5	14413	56,6	74	47,9	54	298	1.5	Horizontal	Pass

Remarks

Adjusted sample

Radiated emission full anechoic chamber 1 GHz to 18 GHz

Project number:		Test ID:	66
Test date:	5-5-2026 14:58:29		
Resolution	1 MHz	Video	3 MHz
bandwidth:		bandwidth:	
Antenna distance:	3 m	Antenna height:	1 m to 4 m
Antenna polarization:	Both		
Mode of operation:	TX Mira		
	mid channel (2440)		



Detected peaks

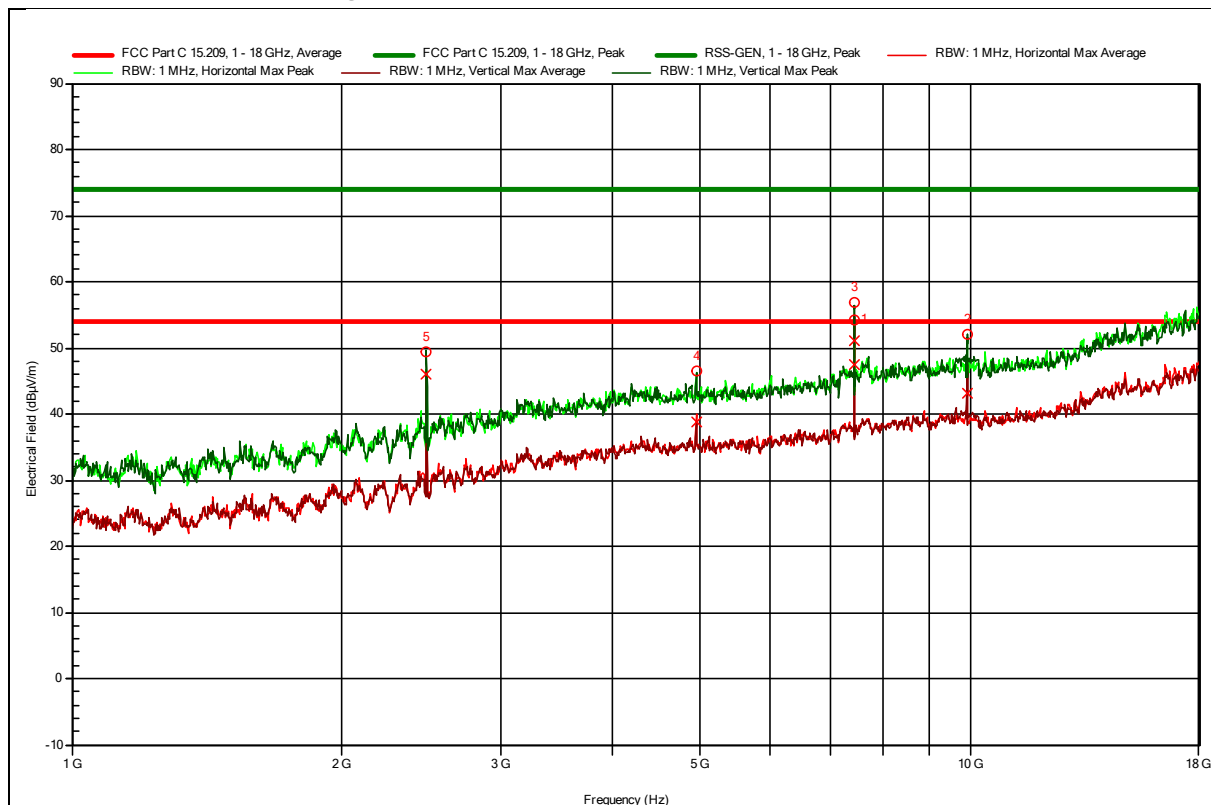
Peak Number	Frequency (MHz)	Peak (dBµV/m)	Peak Limit (dBµV/m)	Average (dBµV/m)	Average Limit (dBµV/m)	Angle (degrees)	Height (m)	Polarization	Status
1	7320,517	57,1	74	51,2	54	120	3,5	Horizontal	Pass
4	9760,608	53,7	74	45,6	54	120	3,75	Horizontal	Pass
3	7319,109	58,1	74	52,9	54	149	2,25	Vertical	Pass
2	14640,952	60,9	74	53,9	54	253	1,25	Horizontal	Pass
5	4880.25	46.9	74	40,2	54	360	3	Vertical	Pass

Remarks

Adjusted sample

Radiated emission full anechoic chamber 1 GHz to 18 GHz

Project number:		Test ID:	67
Test date:	5-5-2026 15:35:09		
Resolution	1 MHz	Video	3 MHz
bandwidth:		bandwidth:	
Antenna distance:	3 m	Antenna height:	1 m to 4 m
Antenna polarization:	Both		
Mode of operation:	TX Mira		
	high channel (2480)		



Detected peaks

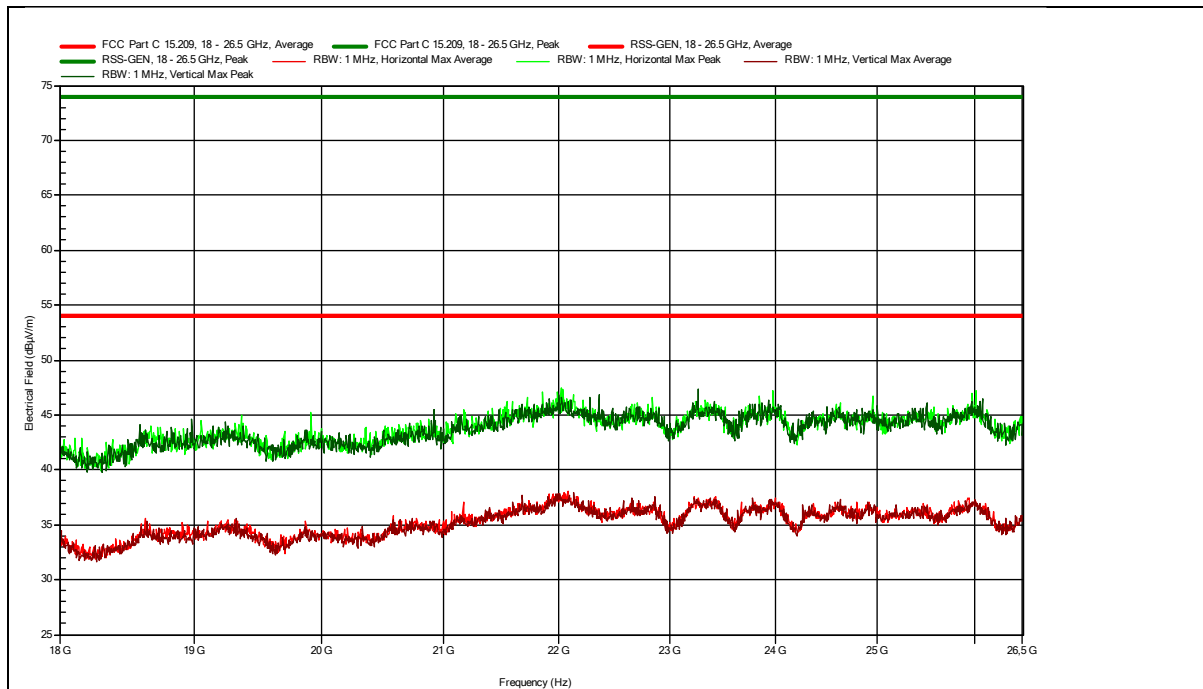
Peak Number	Frequency (MHz)	Peak (dBμV/m)	Peak Limit (dBμV/m)	Average (dBμV/m)	Average Limit (dBμV/m)	Angle (degrees)	Height (m)	Polarization	Status
4	4958,875	46,5	74	38,8	54	18	2,5	Vertical	Pass
2	9918,698	52,1	74	43,1	54	75	1	Vertical	Pass
5	2479	49,5	74	46	54	120	4	Vertical	Pass
1	7439,004	54,2	74	47,6	54	253	1,5	Horizontal	Pass
3	7440.44	56.8	74	51.1	54	341	3	Vertical	Pass

Remarks

Adjusted sample

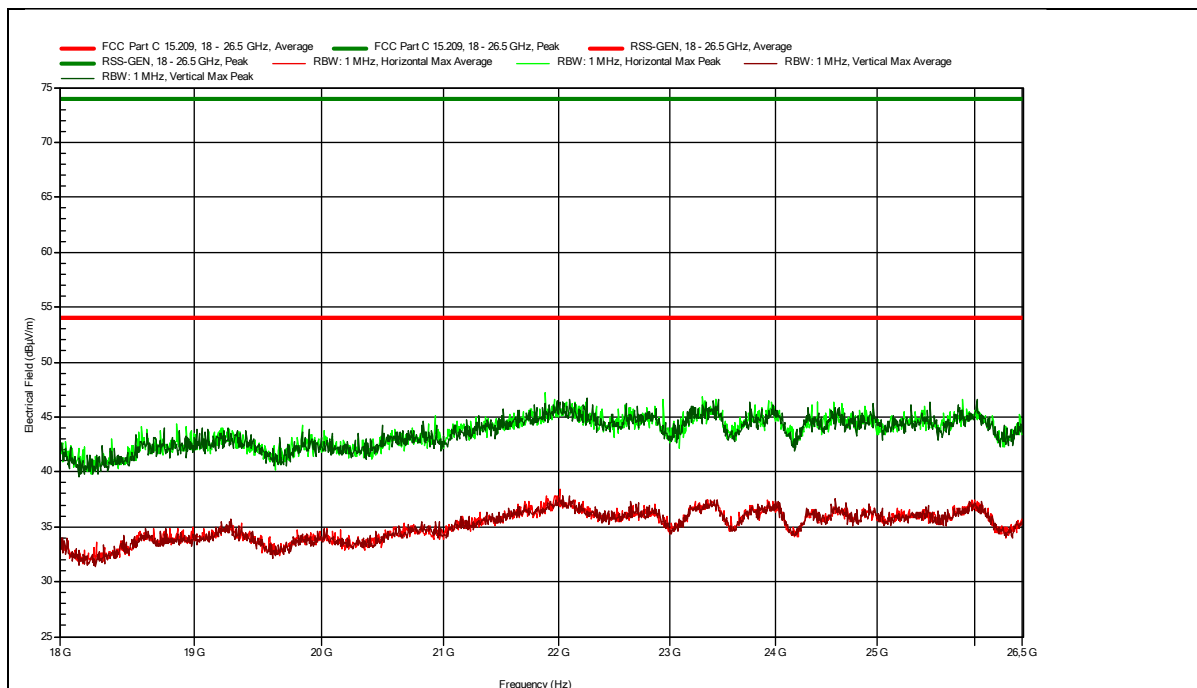
Radiated emission full anechoic chamber 18 GHz to 26,5 GHz

Project number:		Test ID:	20
Test date:	21-4-2026 14:12:40		
Resolution	1 MHz	Video	3 MHz
bandwidth:		bandwidth:	
Antenna distance:	3 m	Antenna height:	1 m to 4 m
Antenna polarization:	Both		
Mode of operation:	TX Mira		
	low channel (2402)		



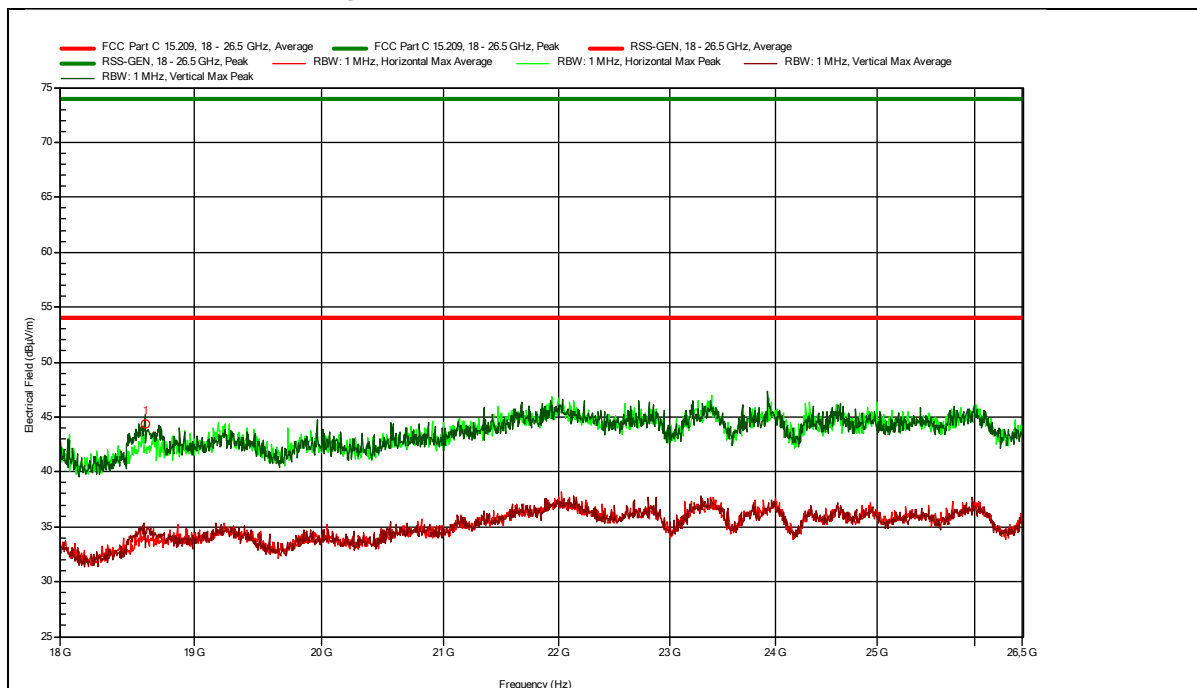
Radiated emission full anechoic chamber 18 GHz to 26,5 GHz

Project number:		Test ID:	21
Test date:	21-4-2026 14:33:16		
Resolution	1 MHz	Video	3 MHz
bandwidth:		bandwidth:	
Antenna distance:	3 m	Antenna height:	1 m to 4 m
Antenna polarization:	Both		
Mode of operation:	TX Mira		
	mid channel (2440)		



Radiated emission full anechoic chamber 18 GHz to 26,5 GHz

Project number:		Test ID:	22
Test date:	21-4-2026 14:55:29		
Resolution	1 MHz	Video	3 MHz
bandwidth:		bandwidth:	
Antenna distance:	3 m	Antenna height:	1 m to 4 m
Antenna polarization:	Both		
Mode of operation:	TX Mira		
	high channel (2480)		

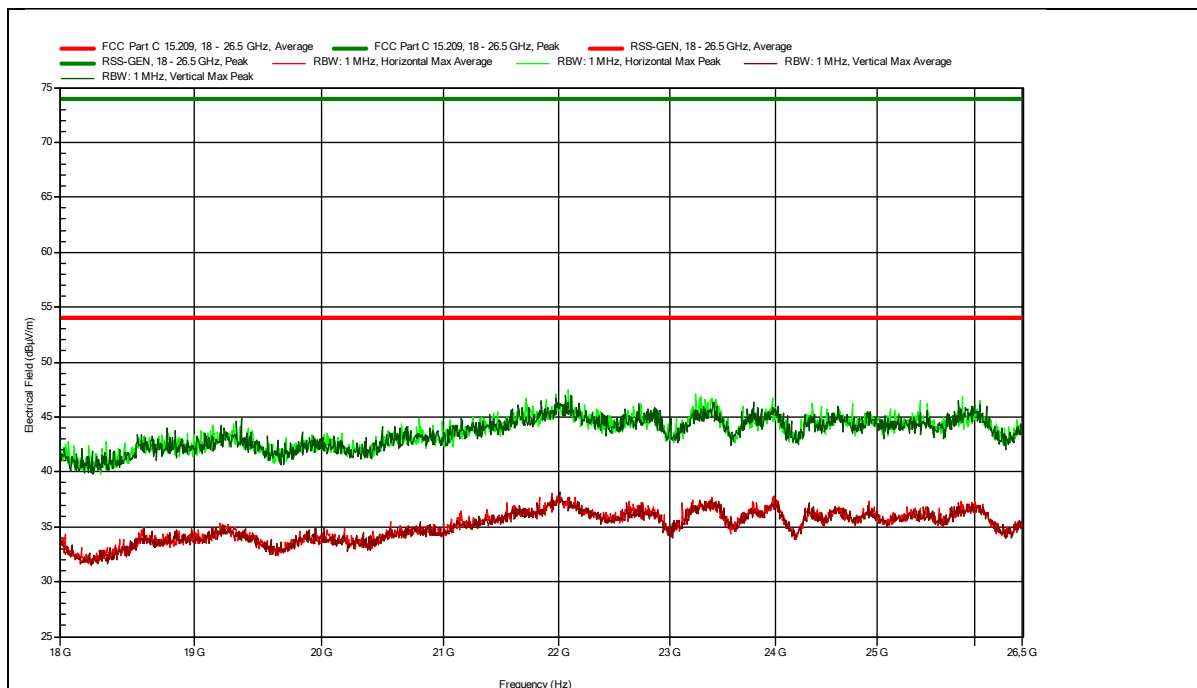


Detected peaks

Peak Number	Frequency (MHz)	Peak (dBμV/m)	Peak Limit (dBμV/m)	Average (dBμV/m)	Average Limit (dBμV/m)	Angle (degrees)	Height (m)	Polarization	Status
1	18636,074	44,3	74	32,4	54	204	2,5	Vertical	Pass

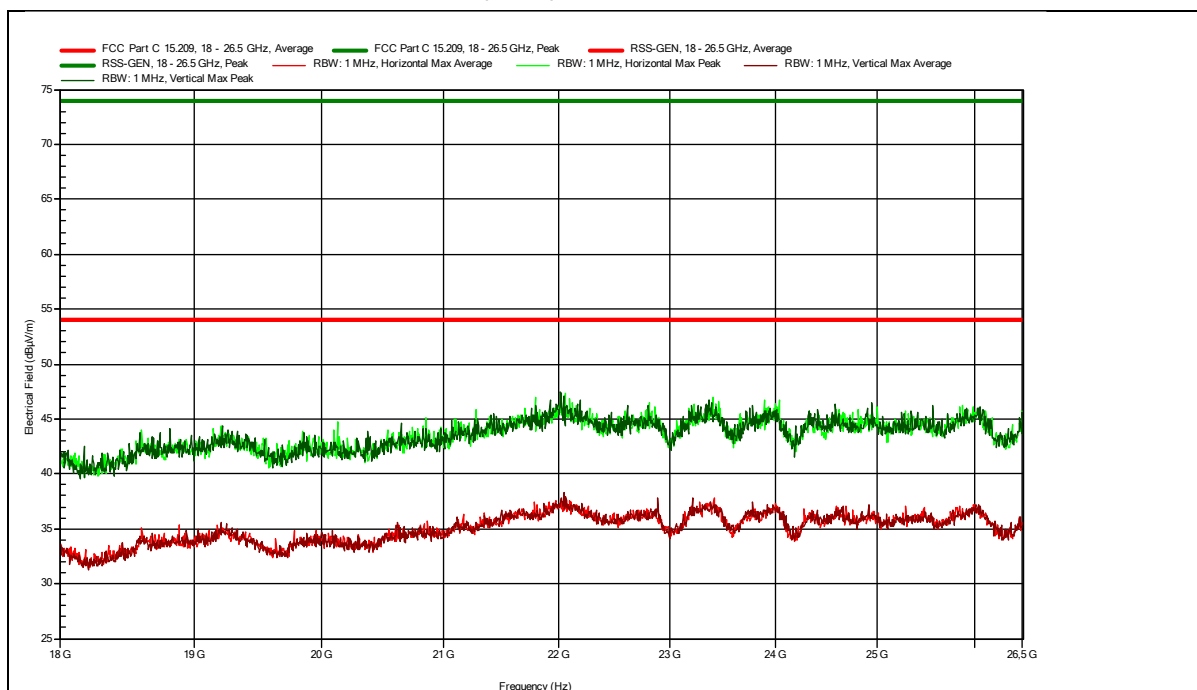
Radiated emission full anechoic chamber 18 GHz to 26,5 GHz

Project number:		Test ID:	23
Test date:	21-4-2026 15:25:36		
Resolution	1 MHz	Video	3 MHz
bandwidth:		bandwidth:	
Antenna distance:	3 m	Antenna height:	1 m to 4 m
Antenna polarization:	Both		
Mode of operation:	TX BLE		
	low channel (2402)		



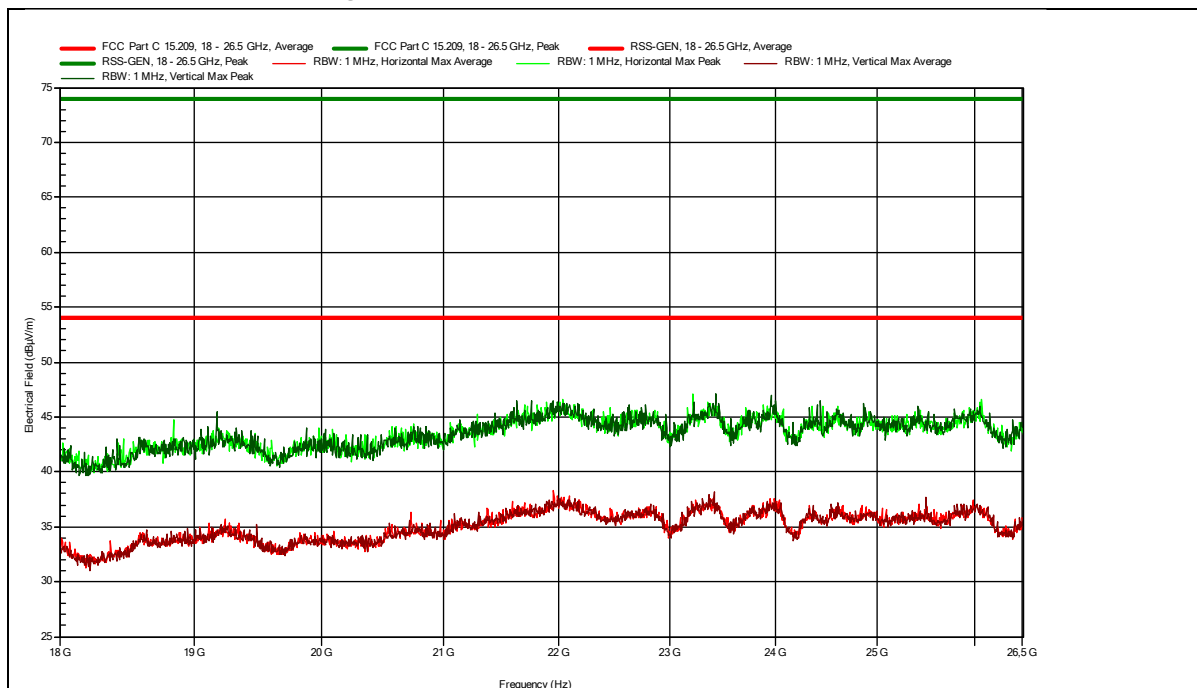
Radiated emission full anechoic chamber 18 GHz to 26,5 GHz

Project number:		Test ID:	24
Test date:	21-4-2026 15:47:31		
Resolution	1 MHz	Video	3 MHz
bandwidth:		bandwidth:	
Antenna distance:	3 m	Antenna height:	1 m to 4 m
Antenna polarization:	Both		
Mode of operation:	TX BLE		
	mid channel (2440)		



Radiated emission full anechoic chamber 18 GHz to 26,5 GHz

Project number:		Test ID:	25
Test date:	21-4-2026 16:07:12		
Resolution	1 MHz	Video	3 MHz
bandwidth:		bandwidth:	
Antenna distance:	3 m	Antenna height:	1 m to 4 m
Antenna polarization:	Both		
Mode of operation:	TX BLE		
	high channel (2480)		



3.2 6dB bandwidth Measurement

3.2.1 Limit

The minimum 6 dB Bandwidth shall be at least 500 kHz.

3.2.2 Measurement instruments

The measurement instruments are listed in chapter 2.3 of this report.

3.2.3 Test setup

The test setup is as shown in chapter 2.2 of this report.

3.2.4 Test procedure

According to ANSI C63.10, section 6.9

IRN 404 - Occupied bandwidth (Hz) Method 4 – DTS Bandwidth.

3.2.5 Test Results of the 6 dB bandwidth Measurement

Technology Std.	Channel	Frequency (MHz)	Data rate	6dB bandwidth (kHz)
Bluetooth Low energy	1	2402	1 Mbps	534.65
	18	2440	1 Mbps	534.65
	39	2480	1 Mbps	534.65
Uncertainty	± 36.2 kHz			

Note: plots are provided on the next page.

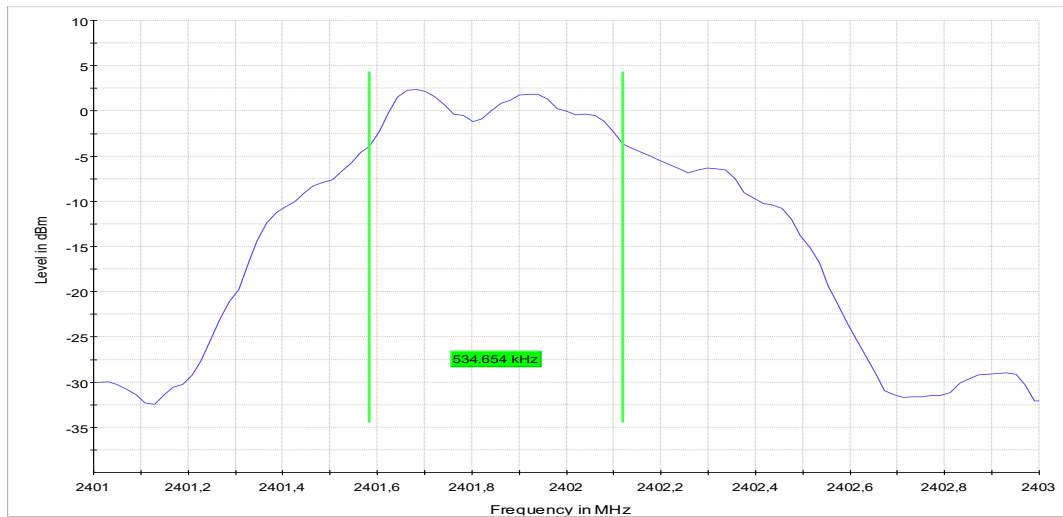
Technology Std.	Channel	Frequency (MHz)	Data rate	6dB bandwidth (kHz)
Mira (proprietary radio)	1	2402	1 Mbps	752.48
	18	2440	1 Mbps	732.67
	39	2480	1 Mbps	752.48
Uncertainty	± 36.2 kHz			

Note: plots are provided on the next page.

3.2.6 Plots of the 6 dB bandwidth

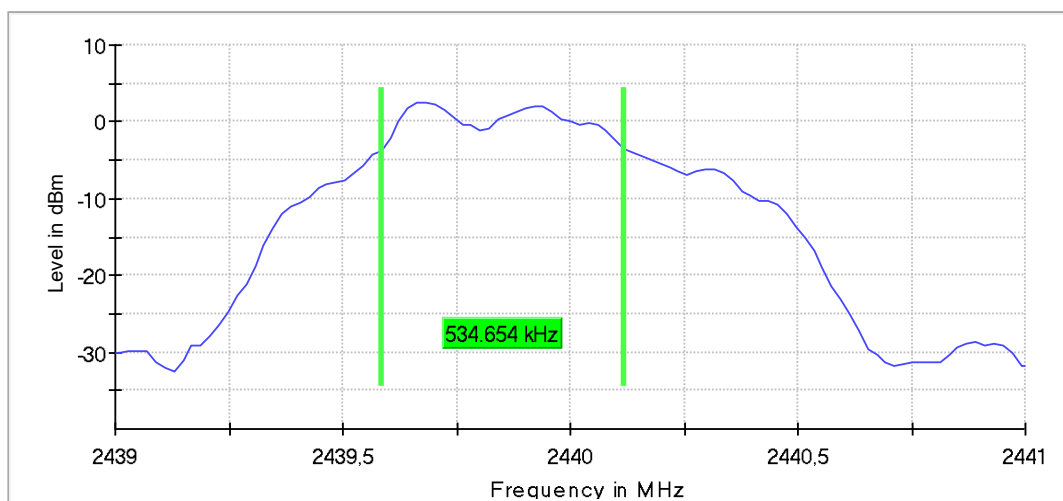
BLE low channel

6 dB Bandwidth



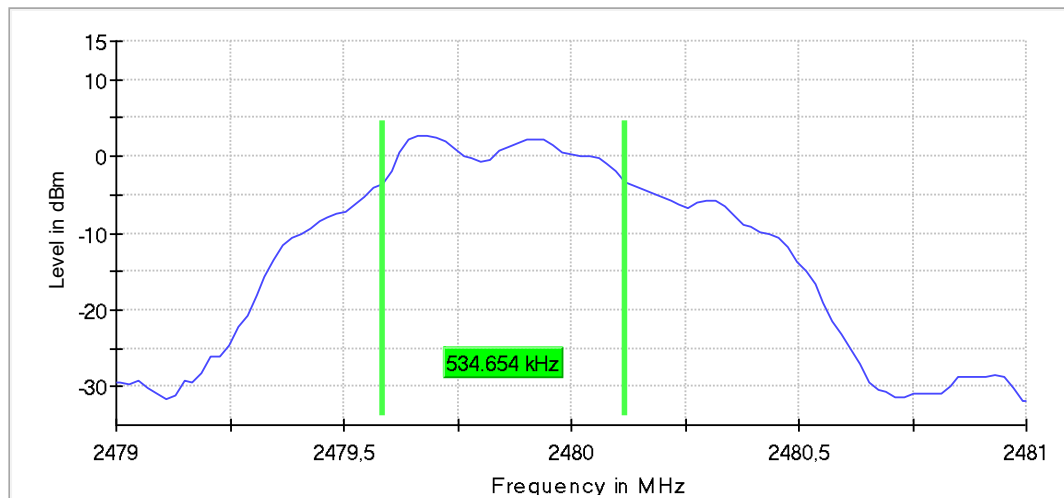
BLE mid channel

6 dB Bandwidth



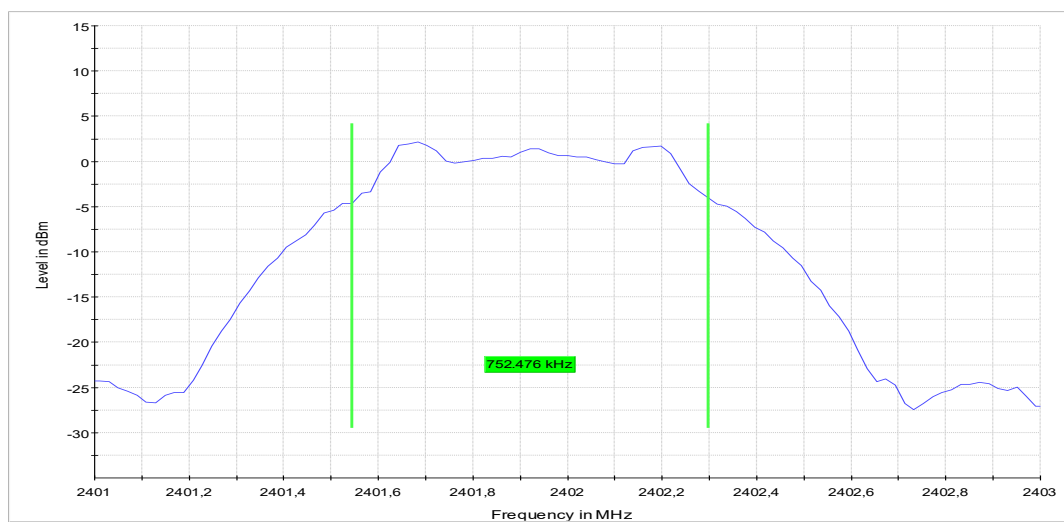
BLE high channel

6 dB Bandwidth



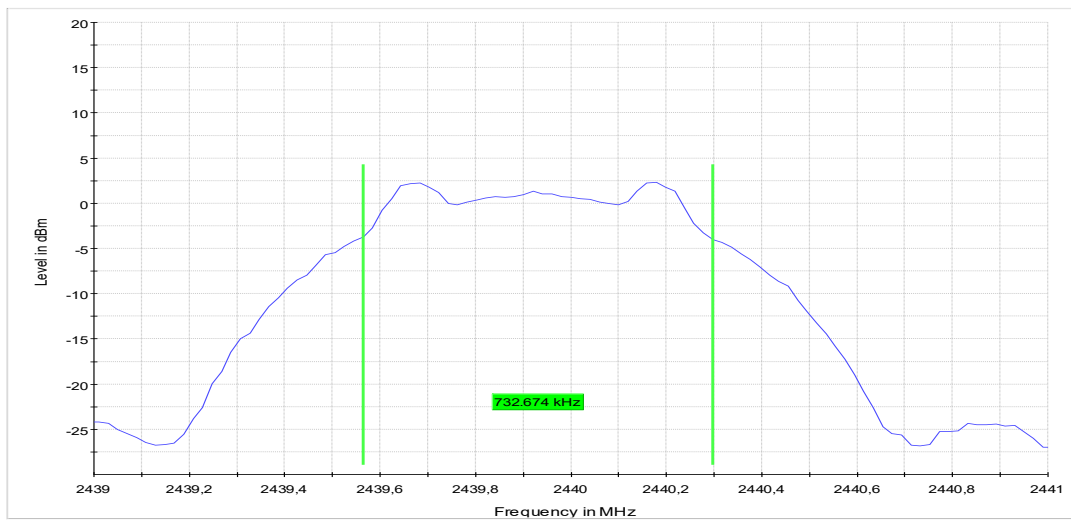
Mira low channel

6 dB Bandwidth



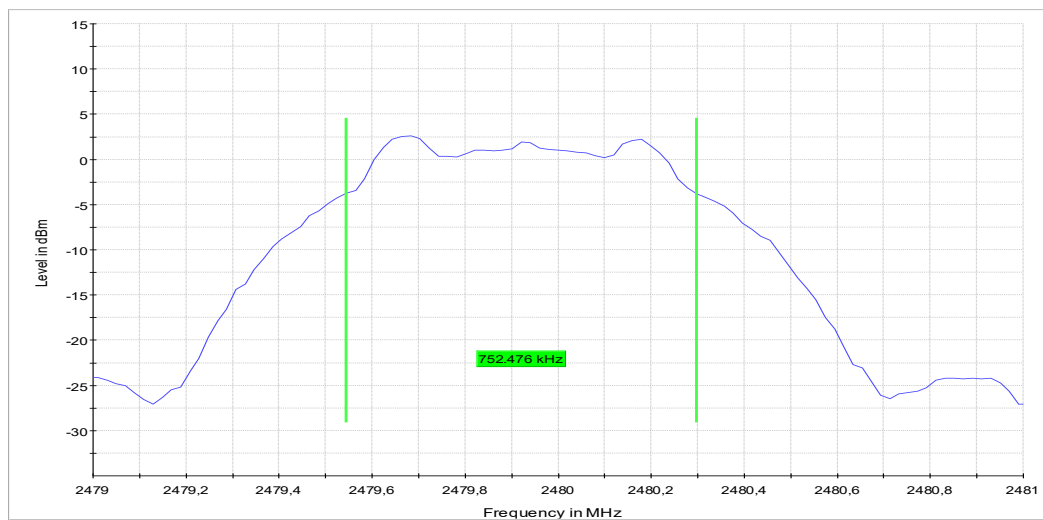
Mira mid channel

6 dB Bandwidth



Mira high channel

6 dB Bandwidth



3.3 99% Occupied Bandwidth

3.3.1 Limit

According to RSS-Gen 6.7

3.3.2 Measurement instruments

The measurement instruments are listed in chapter 2.3 of this report.

3.3.3 Test setup

The test setup is as shown in chapter 2.2 of this report.

3.3.4 Test procedure

According to ANSI C63.10, section 6.9

IRN 404 - Occupied bandwidth (Hz) Method 1 – XX % power bandwidth.

3.3.5 Test results of the 99% occupied bandwidth measurement

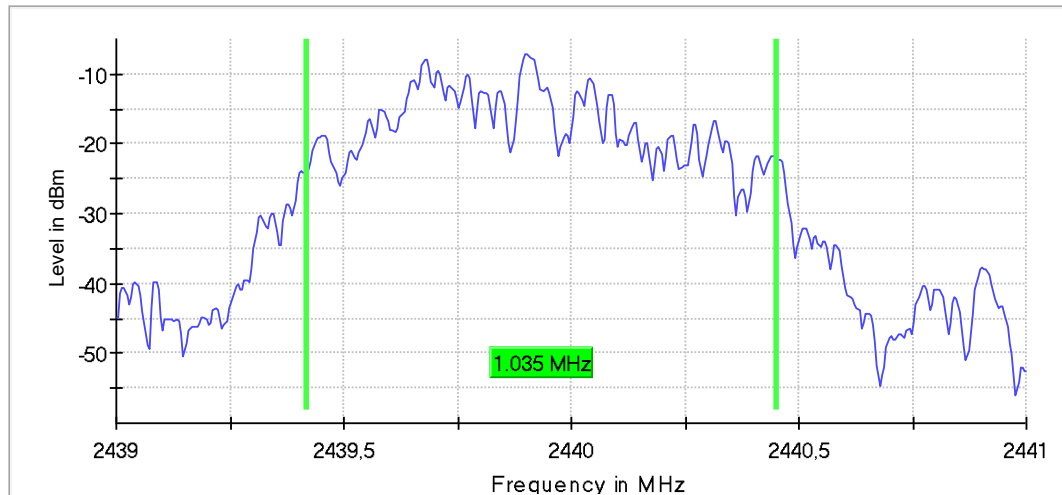
Technology Std.	Channel	Frequency (MHz)	Data rate	99% bandwidth (MHz)
Bluetooth Low energy	1	2402	1 Mbps	1.035
	18	2440	1 Mbps	1.035
	39	2480	1 Mbps	1.040
Uncertainty	± 12 kHz			

Technology Std.	Channel	Frequency (MHz)	Data rate	99% bandwidth (MHz)
Mira (proprietary radio)	1	2402	1 Mbps	1.110
	18	2440	1 Mbps	1.110
	39	2480	1 Mbps	1.105
Uncertainty	± 12 kHz			

3.3.6 Plots of the 99% occupied bandwidth measurement

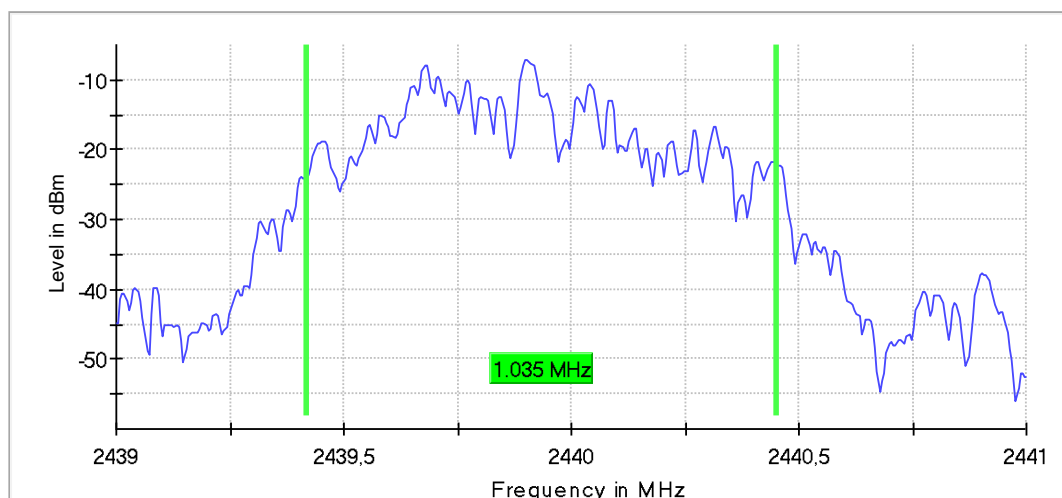
BLE low channel

99 % Bandwidth



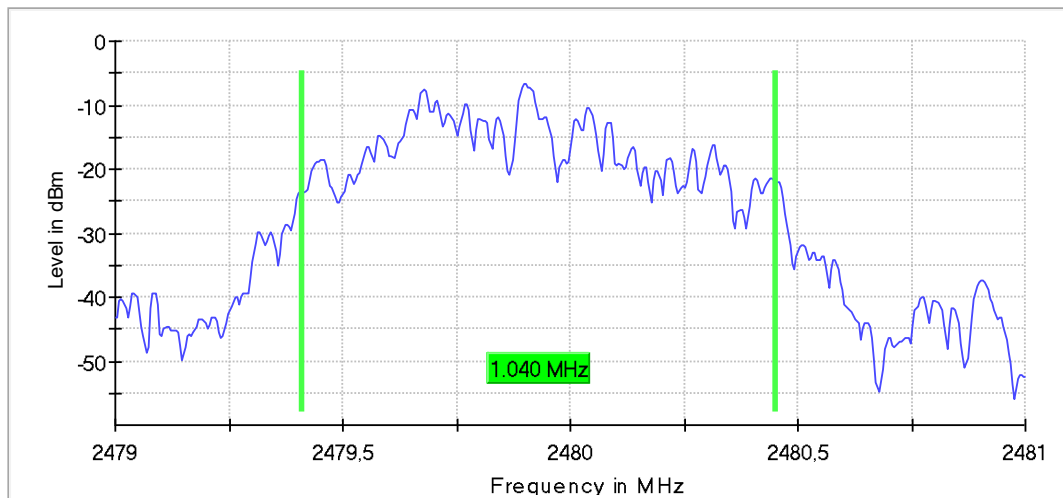
BLE mid channel

99 % Bandwidth



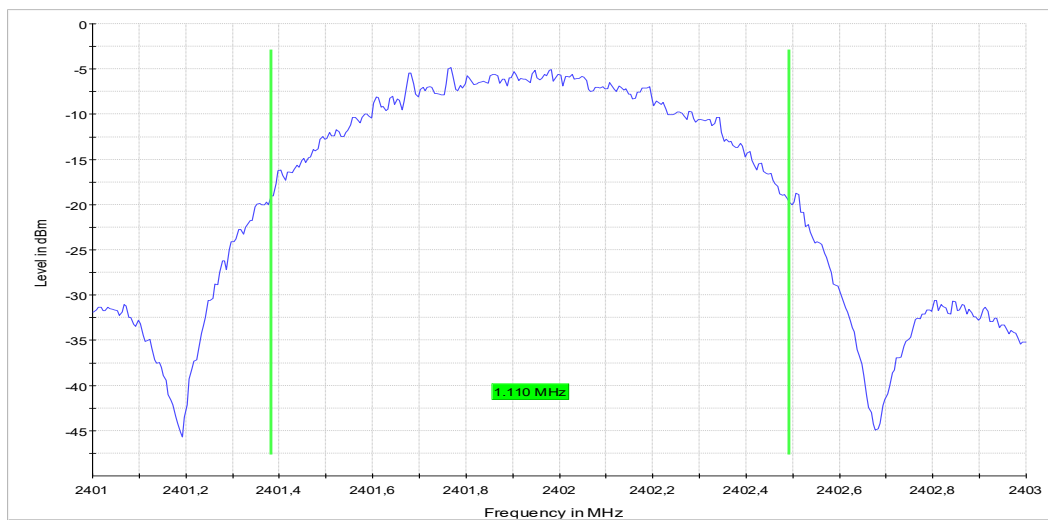
BLE high channel

99 % Bandwidth



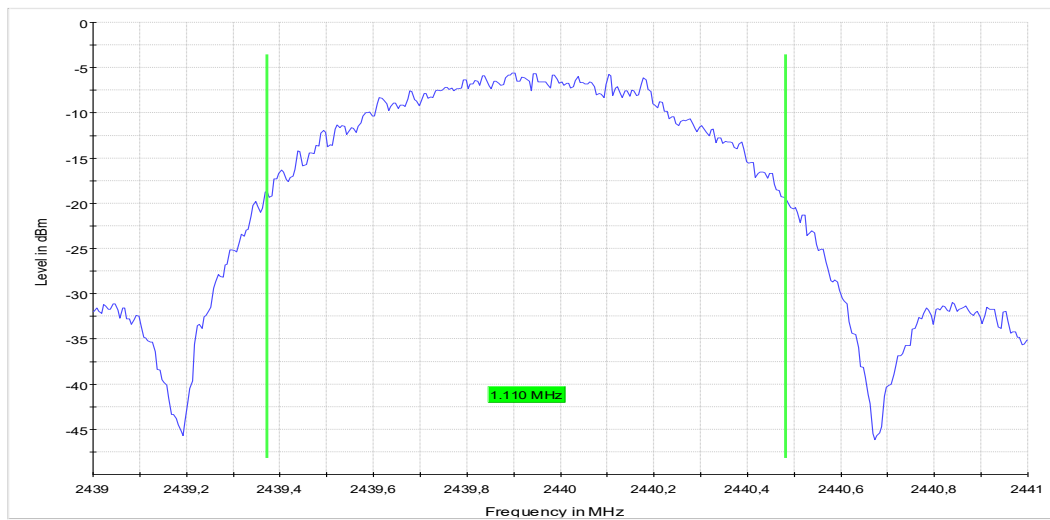
Mira low channel

99 % Bandwidth



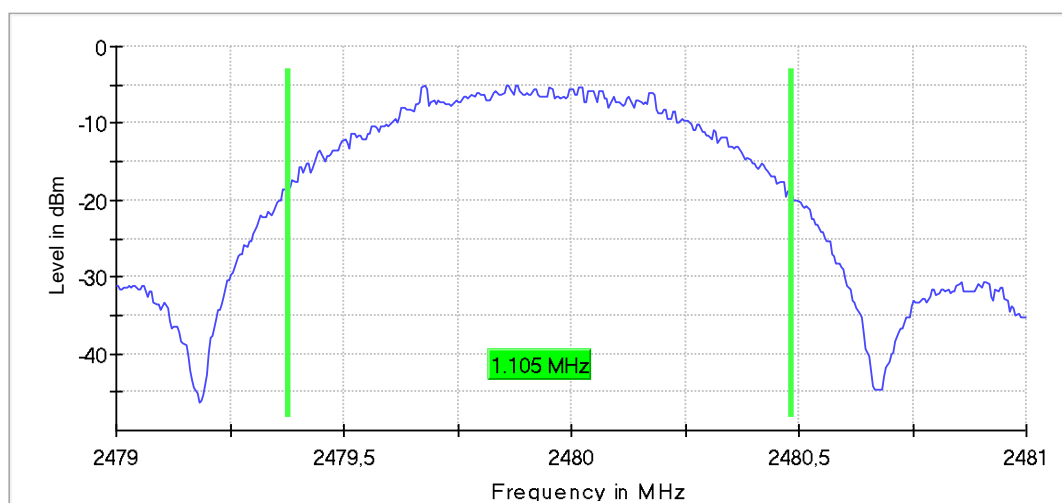
Mira mid channel

99 % Bandwidth



Mira high channel

99 % Bandwidth



3.4 Output Power Measurement

3.4.1 Limit

FCC: For systems using digital modulation in the 2400-2483.5 MHz, the limit for the peak output power is 1W (30 dBm). If transmitting antenna of directional gain greater than 6 dBi is used, the peak output power from the intentional radiator shall be reduced below the above stated value by the amount in dB that the directional gain of the antenna exceeds 6 dBi. In case of point to point operation, the limit has to be reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi.

RSS: For DTSs employing digital modulation techniques operating in the bands 902-928 MHz and 2400-2483.5 MHz, the maximum peak conducted output power shall not exceed 1W. The e.i.r.p. shall not exceed 4W

3.4.2 Measurement instruments

The measurement instruments are listed in chapter 2.3 of this report.

3.4.3 Test setup

The test setup is as shown in chapter 2.2 of this report.

3.4.4 Test procedure

The testing follows FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v05r02.

IRN 402 - RF power (W) - Method 12

3.4.5 Test results of Output Power Measurement

Peak method						
Technology Std.	Channel	Frequency (MHz)	Data rate	Peak output power conducted (dBm)	Peak output power conducted (mW)	Peak output power EIRP (mW)
Bluetooth Low Energy	1	2402	1 Mbps	2.4	1.74	2.00
	18	2440	1 Mbps	2.5	1.78	2.05
	39	2480	1 Mbps	2.8	1.91	2.20
Uncertainty	±0.71 dB					

Note: plots are provided on the next page

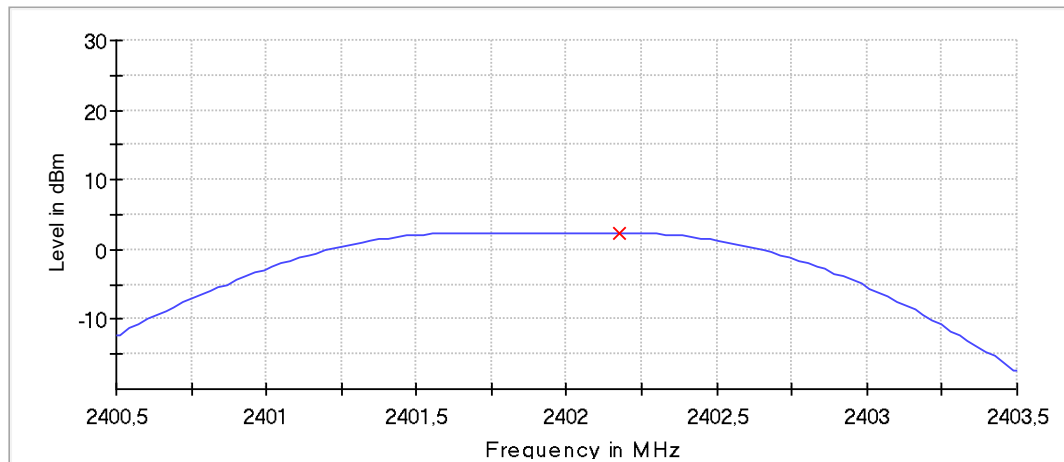
Technology Std.	Channel	Frequency (MHz)	Data rate	Peak output power conducted (dBm)	Peak output power conducted (mW)	Peak output power EIRP (mW)
Mira (proprietary radio)	1	2402	1 Mbps	2.4	1.74	2.00
	18	2440	1 Mbps	2.5	1.78	2.05
	39	2480	1 Mbps	2.8	1.91	2.20
Uncertainty	±0.71 dB					

Note: plots are provided on the next page

3.4.6 Plots of the Output power

BLE low channel

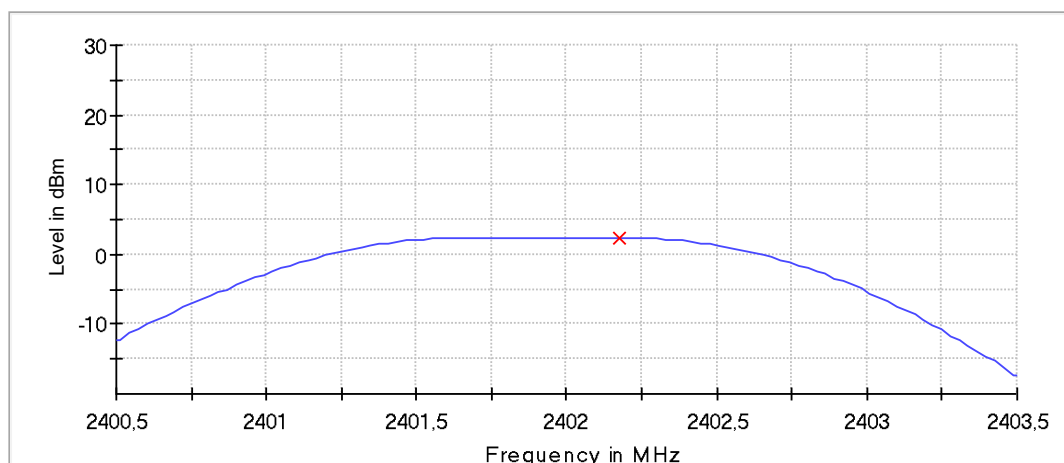
Peak Power



— Connector 1 × Peak Connector 1

BLE mid channel

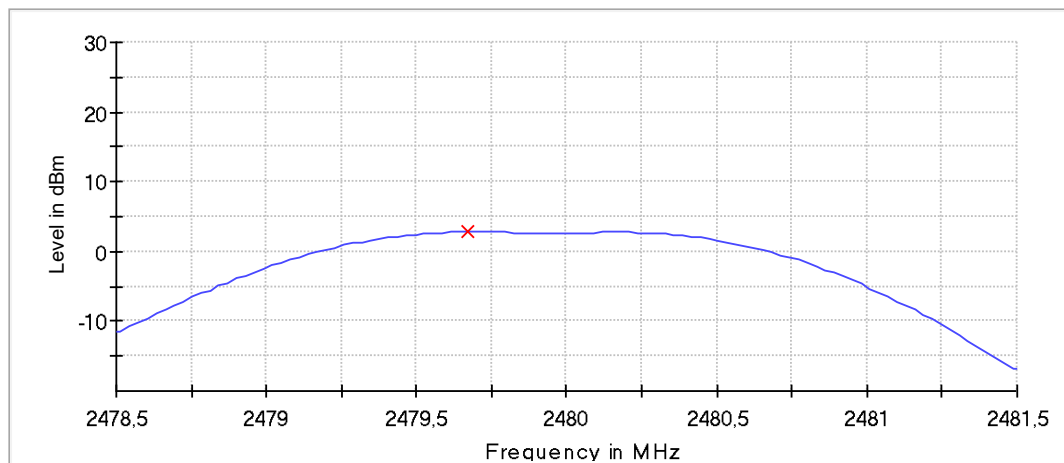
Peak Power



— Connector 1 × Peak Connector 1

BLE high channel

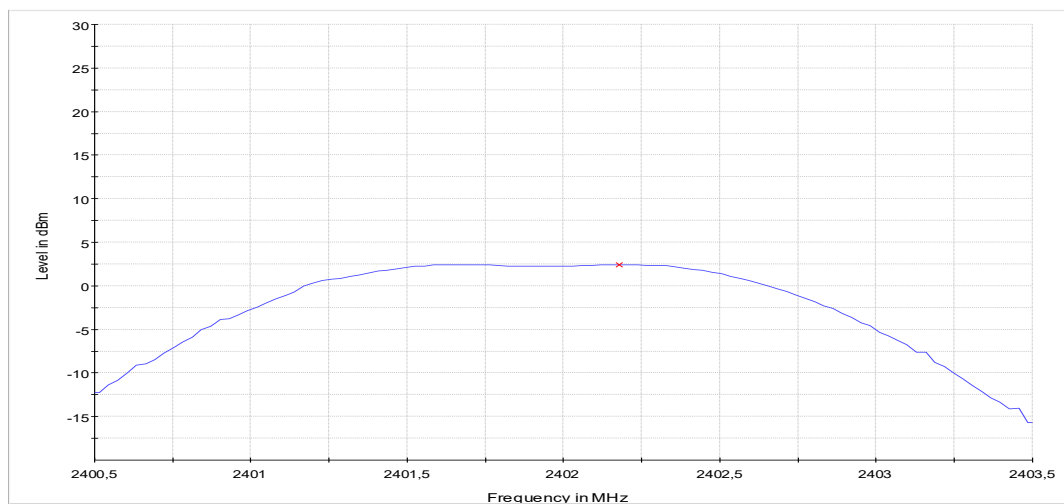
Peak Power



— Connector 1 × Peak Connector 1

Mira low channel

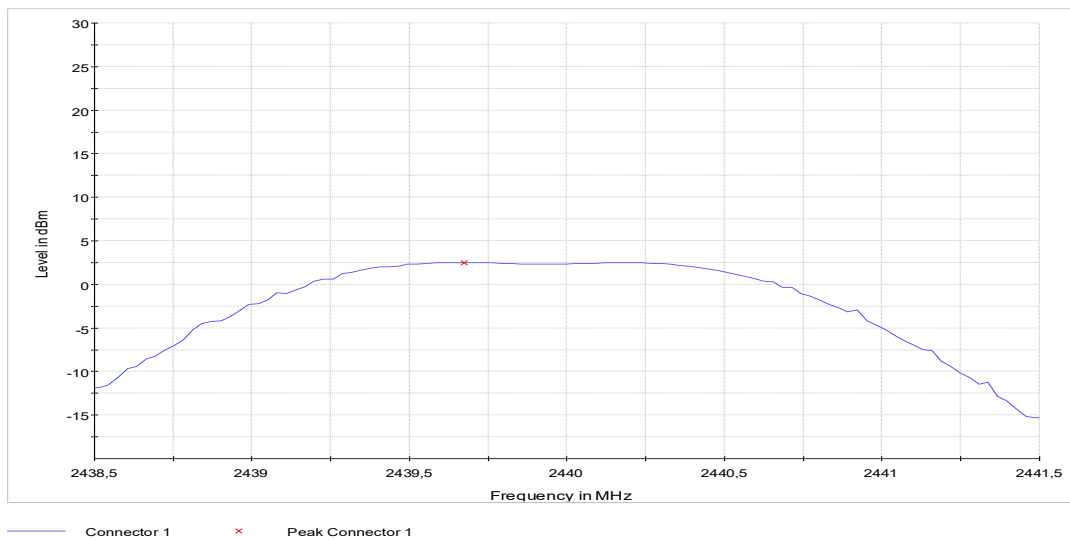
Peak Power



— Connector 1 × Peak Connector 1

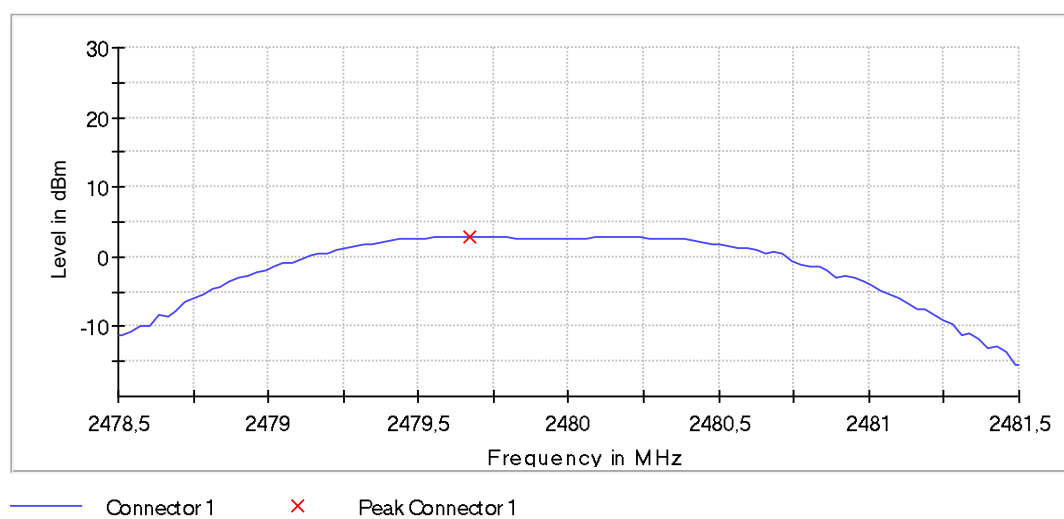
Mira mid channel

Peak Power



Mira high channel

Peak Power



3.5 Power Spectral Density

3.5.1 Limit

The peak power spectral density shall not be greater than 8 dBm in any 3 kHz band at any time interval of continuous transmission.

3.5.2 Measurement instruments

The measurement instruments are listed in chapter 2.3 of this report.

3.5.3 Test setup

The test setup is as shown in chapter 2.2 of this report.

3.5.4 Test procedure

The testing follows FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v05r02.

IRN 412 - Spectral power density (W per n.Hz) - Method 5 – Peak method PKPSD (PSD in 3 kHz band)

3.5.5 Test results of Power Spectral Density Measurement

Technology Std.	Channel	Frequency (MHz)	Data rate	PSD conducted (dBm/10 kHz)	Limit (conducted) (dBm/3kHz)
Bluetooth Low Energy	1	2402	1 Mbps	-7.188	8
	18	2440	1 Mbps	-7.088	8
	39	2480	1 Mbps	-6.792	8
Uncertainty	±2 dB				

Note: plots are provided on the next page

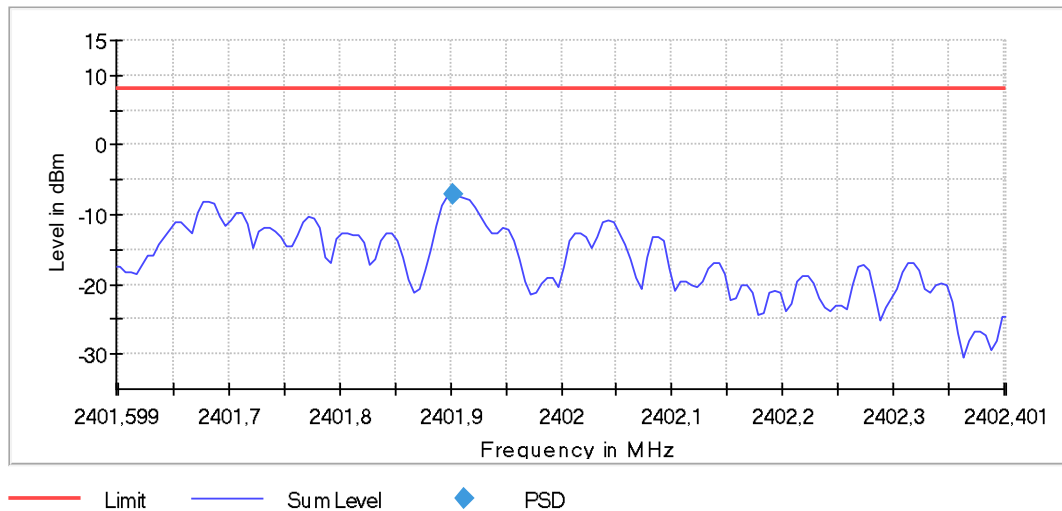
Technology Std.	Channel	Frequency (MHz)	Data rate	PSD conducted (dBm/10 kHz)	Limit (conducted) (dBm/3kHz)
Mira (proprietary radio)	1	2402	1 Mbps	-4.951	8
	18	2440	1 Mbps	-4.625	8
	39	2480	1 Mbps	-4.948	8
Uncertainty	±2 dB				

Note: plots are provided on the next page

3.5.6 Plots of the Power Spectral Density

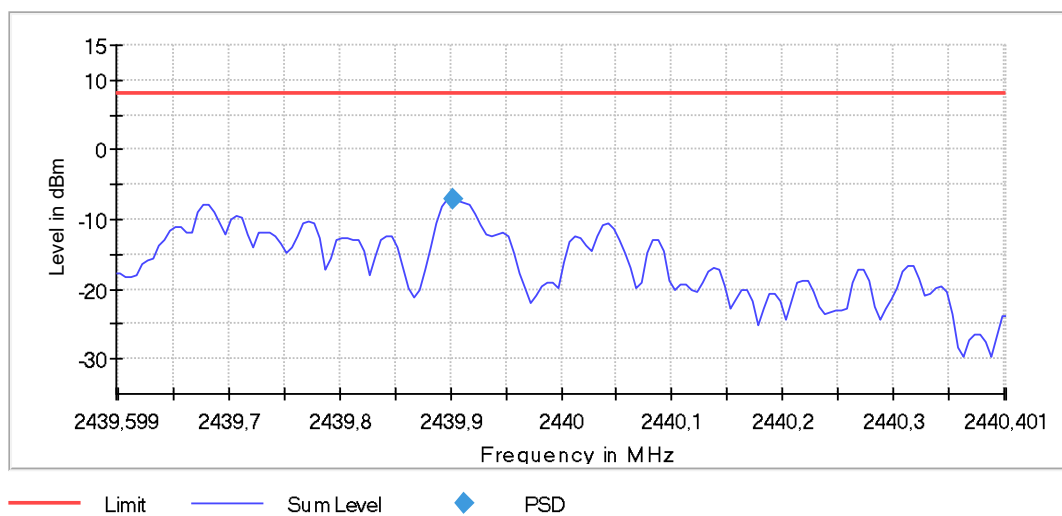
BLE low channel

Peak Power Spectral Density



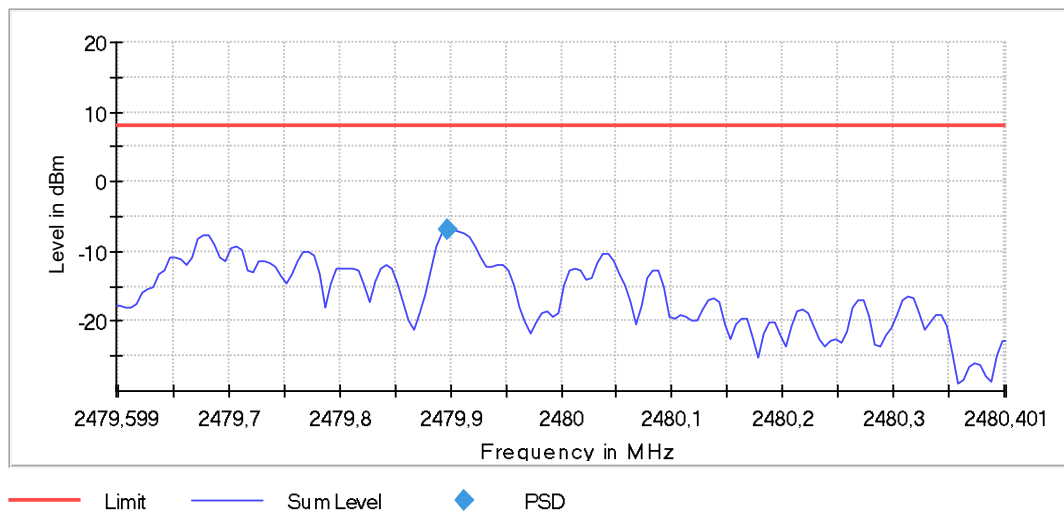
BLE mid channel

Peak Power Spectral Density



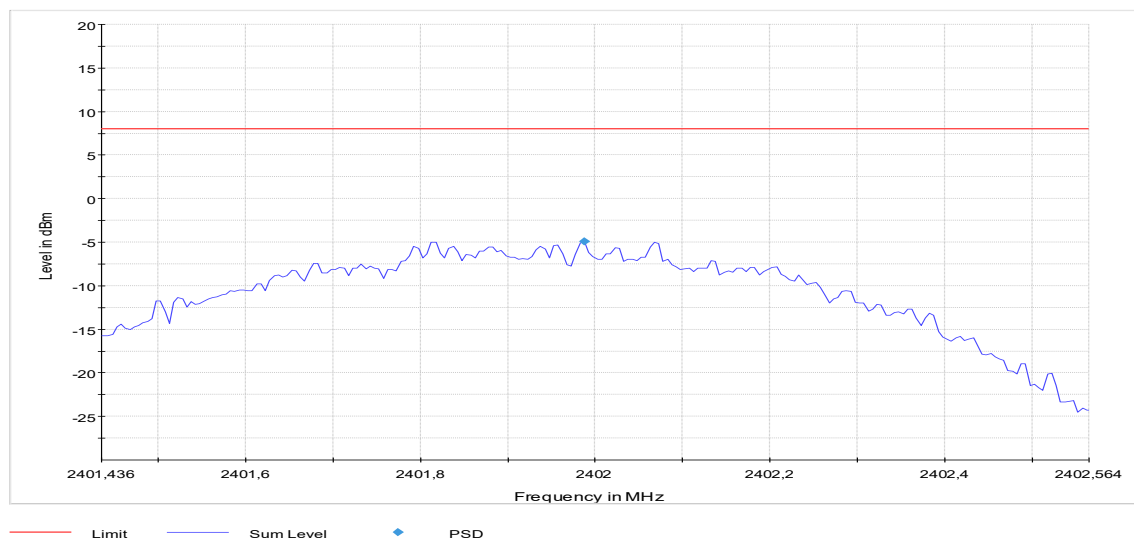
BLE high channel

Peak Power Spectral Density



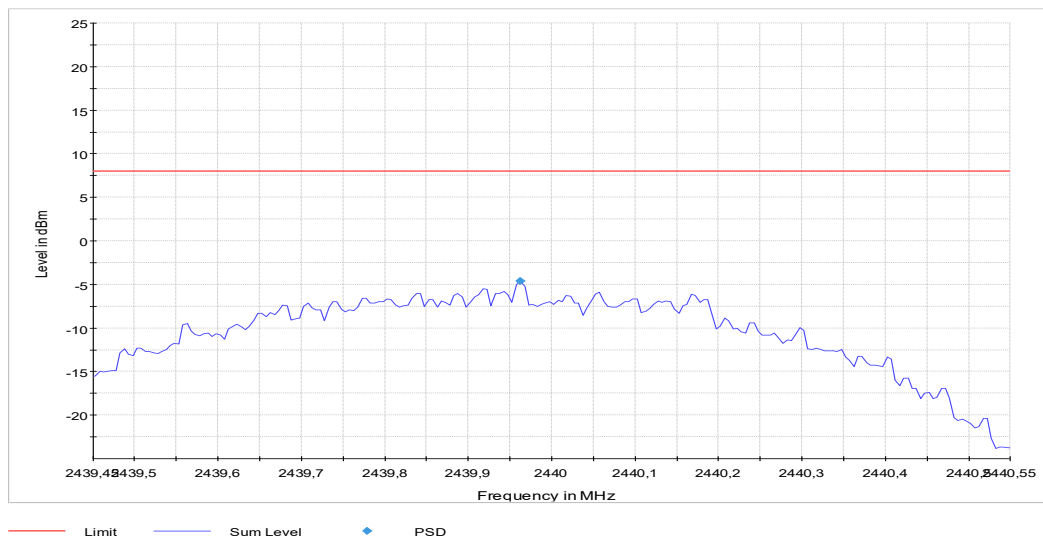
Mira low channel

Peak Power Spectral Density



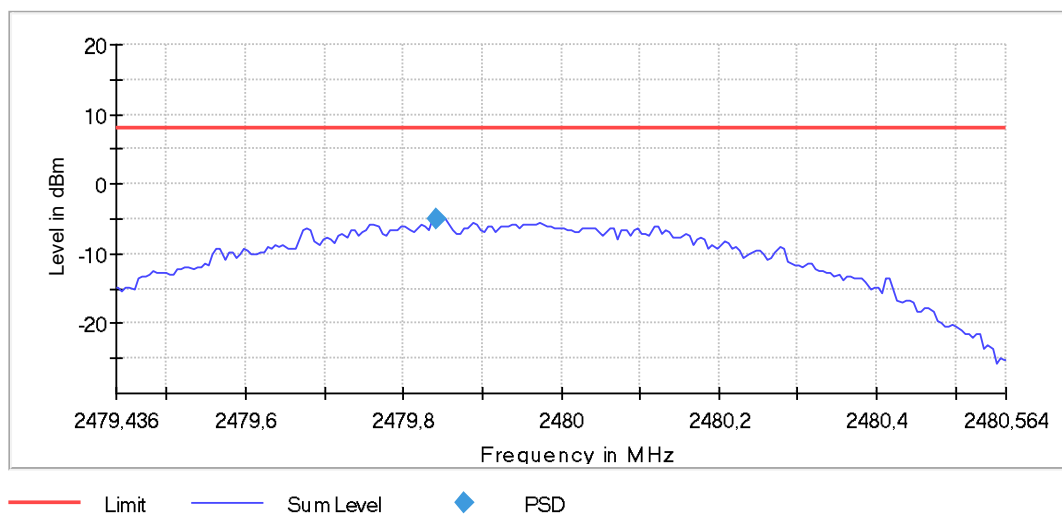
Mira mid channel

Peak Power Spectral Density



Mira high channel

Peak Power Spectral Density



3.6 Band edge Measurement

3.6.1 Limit

Band edge:

At the edge of the authorized band the RF power shall be at least 20 dB down.

3.6.2 Measurement instruments

The measurement instruments are listed in chapter 2.3 of this report.

3.6.3 Test setup

The test setup is as shown in chapter 2.2 of this report. Antenna port conducted.

3.6.4 Test procedure

The testing follows FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v05r02, section 8.7.
IRN 441 - Radiated electrical disturbance (V per m) Method 6 – Radiated electrical disturbance at the Authorized band edge.

3.6.5 Measurement Uncertainty

± 0.71 dB

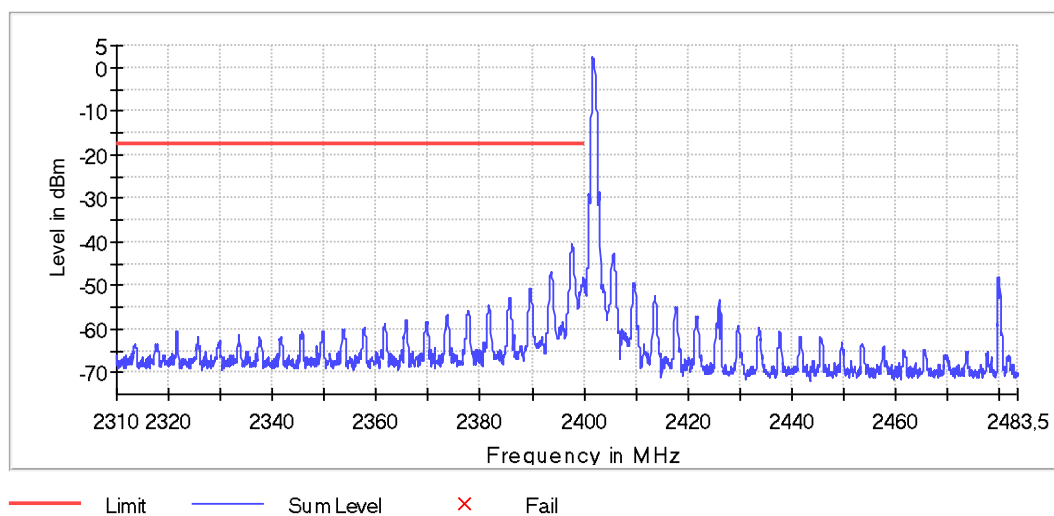
3.6.6 Results of the Band edge Measurements

See next page

BLE Lower band edge (BLE low channel)

Frequency MHz	Level dBm	Margin dB	Limit dBm	Result
2397.675000	-40.6	23.2	-17.5	PASS
2397.725000	-40.7	23.3	-17.5	PASS
2397.625000	-40.8	23.4	-17.5	PASS
2397.775000	-40.9	23.4	-17.5	PASS
2397.575000	-41.2	23.7	-17.5	PASS
2397.825000	-41.2	23.8	-17.5	PASS
2397.525000	-41.6	24.1	-17.5	PASS
2397.875000	-41.8	24.3	-17.5	PASS
2397.475000	-42.2	24.7	-17.5	PASS
2397.925000	-42.4	25.0	-17.5	PASS
2397.425000	-42.5	25.1	-17.5	PASS
2397.975000	-43.1	25.6	-17.5	PASS
2397.375000	-43.5	26.0	-17.5	PASS
2398.025000	-43.9	26.4	-17.5	PASS
2397.325000	-44.4	26.9	-17.5	PASS

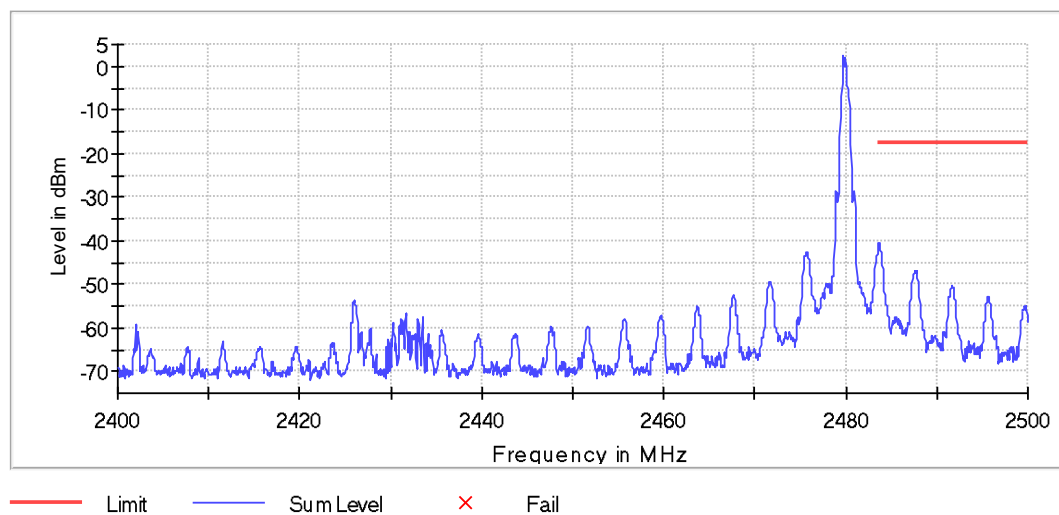
Band Edge



BLE Upper band edge (BLE high channel)

Frequency MHz	Level dBm	Margin dB	Limit dBm	Result
2483.625000	-40.5	23.0	-17.5	PASS
2483.675000	-40.5	23.0	-17.5	PASS
2483.575000	-40.6	23.1	-17.5	PASS
2483.525000	-40.7	23.2	-17.5	PASS
2483.725000	-40.8	23.3	-17.5	PASS
2483.775000	-41.0	23.5	-17.5	PASS
2483.825000	-42.3	24.7	-17.5	PASS
2483.875000	-42.6	25.1	-17.5	PASS
2483.925000	-43.6	26.1	-17.5	PASS
2483.975000	-44.8	27.3	-17.5	PASS
2484.025000	-45.7	28.2	-17.5	PASS
2484.075000	-46.6	29.1	-17.5	PASS
2487.675000	-46.9	29.4	-17.5	PASS
2487.775000	-47.0	29.5	-17.5	PASS
2487.575000	-47.0	29.5	-17.5	PASS

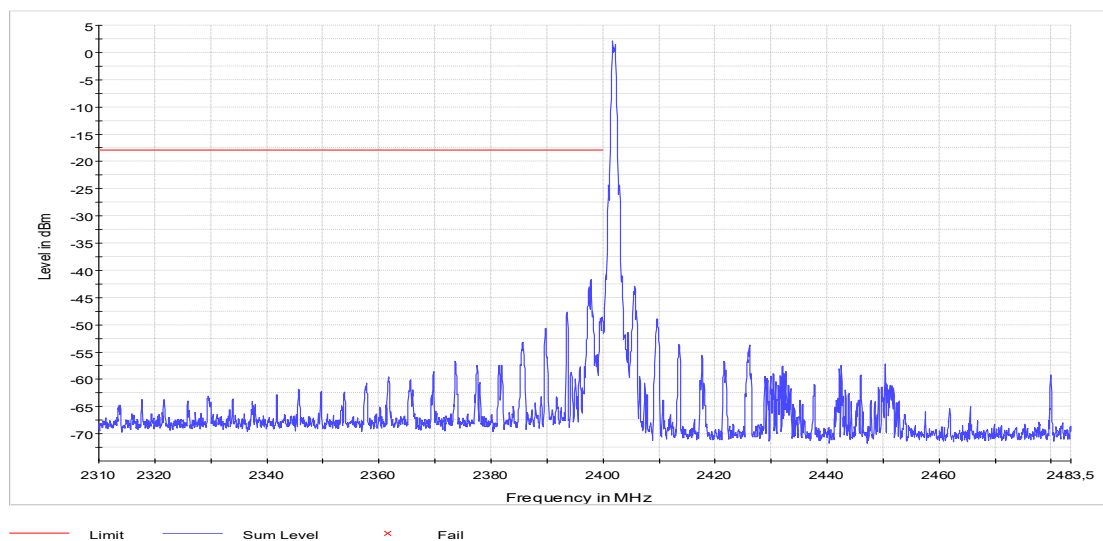
Band Edge



Mira lower band edge (Mira low channel)

Frequency MHz	Level dBm	Margin dB	Limit dBm	Result
2397.825000	-41.6	23.7	-17.9	PASS
2397.875000	-41.7	23.7	-17.9	PASS
2397.775000	-42.0	24.1	-17.9	PASS
2397.925000	-42.9	25.0	-17.9	PASS
2397.475000	-43.0	25.0	-17.9	PASS
2397.525000	-43.0	25.1	-17.9	PASS
2397.425000	-43.8	25.9	-17.9	PASS
2397.575000	-43.8	25.9	-17.9	PASS
2397.725000	-43.9	25.9	-17.9	PASS
2397.975000	-45.0	27.0	-17.9	PASS
2397.625000	-45.8	27.9	-17.9	PASS
2397.375000	-46.2	28.3	-17.9	PASS
2397.325000	-46.4	28.5	-17.9	PASS
2397.275000	-46.8	28.8	-17.9	PASS
2397.675000	-47.2	29.3	-17.9	PASS

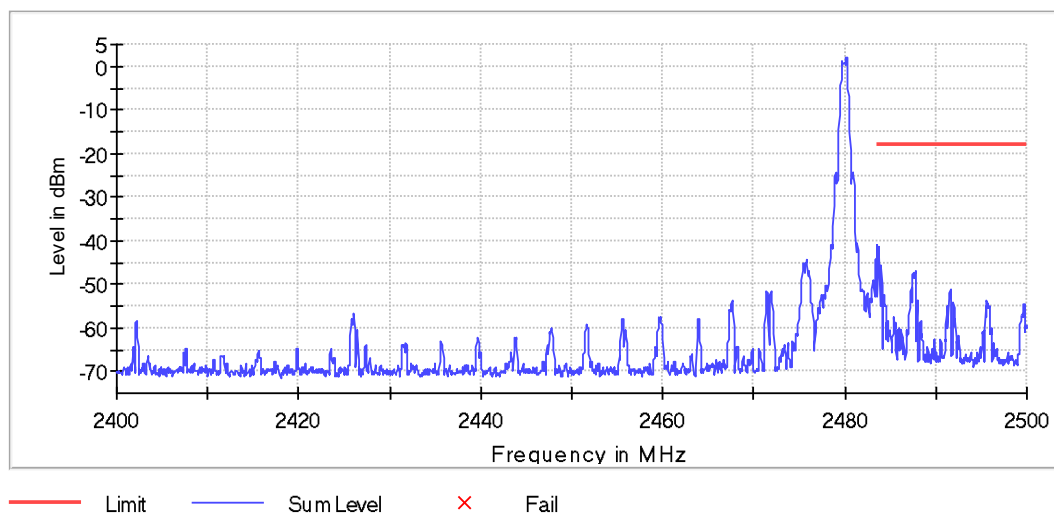
Band Edge



Mira Upper band edge (Mira high channel)

Frequency MHz	Level dBm	Margin dB	Limit dBm	Result
2483.525000	-40.8	22.7	-18.1	PASS
2483.775000	-41.4	23.3	-18.1	PASS
2483.725000	-41.8	23.7	-18.1	PASS
2483.575000	-42.1	24.0	-18.1	PASS
2483.825000	-43.0	24.9	-18.1	PASS
2483.675000	-43.1	25.0	-18.1	PASS
2484.025000	-45.7	27.6	-18.1	PASS
2483.975000	-45.8	27.7	-18.1	PASS
2487.725000	-47.1	29.0	-18.1	PASS
2487.575000	-47.2	29.1	-18.1	PASS
2487.525000	-47.3	29.2	-18.1	PASS
2487.775000	-47.7	29.6	-18.1	PASS
2487.625000	-47.8	29.7	-18.1	PASS
2483.925000	-48.0	29.9	-18.1	PASS
2487.475000	-48.0	29.9	-18.1	PASS

Band Edge



4 Sample calculations

All formulas for data conversions and conversion factors are reported in this chapter.

Magnetic field strength measurement:

$$H \left[dB \left(\mu \frac{A}{m} \right) \right] = V[dB(\mu V)] + AF^H \left[\frac{dB}{\Omega m} \right] + \text{Corr. (dB)}$$

Where:

H is the magnetic field strength (to be compared to the limit)

V is the voltage level measured by the receiver or spectrum analyzer

AF^H is the magnetic antenna factor

Corr. = sum of single correction factors of used cable and amplifier (if applicable).

Linear interpolation will be used for frequencies in between the values in the table.

Tables shows an extract of the values.

Electric field strength measurement:

$$E \left[dB \left(\mu \frac{V}{m} \right) \right] = V[dB(\mu V)] + AF \left[\frac{dB}{m} \right] + \text{Corr. (dB)}$$

Where:

E is the electric field strength (to be compared to the limit)

V is the voltage level measured by the receiver or spectrum analyzer

AF is the electric antenna factor

Corr. = sum of single correction factors of used cable and amplifier (if applicable).

Linear interpolation will be used for frequencies in between the values in the table.

Tables shows an extract of the values.

Frequency (MHz)	AF ^H	AF	300m to 3m and 30m to 3m correction (dB)	Cable Loss (dB)	Corr. (dB)
	ID: 114515 EMCO 6502	ID: 114515 EMCO 6502		ID: 114928	
0.009	-33.03	18.89	80	0	-80
0.01	-33.88	18.03	80	0	-80
0.02	-38.29	13.51	80	0	-80
0.03	-39.87	11.85	80	0	-80
0.04	-40.55	11.1	80	0	-80
0.1	-41.38	10.18	80	0	-80
0.2	-41.51	10.03	78.2	0.1	-78.1
0.49	-41.56	9.97	70.2	0.3	-69.9
0.5	-41.57	9.96	40	0.3	-39.7
1	-41.61	9.91	40	0.4	-39.6
3	-41.59	9.88	34.5	0.4	-34.1
5	-41.59	9.89	30.1	0.5	-29.6
10	-41.77	9.62	24	0.6	-23.4
15	-42.23	9.1	20.5	0.9	-19.6
20	-42.95	8.33	20	0.9	-19.1
25	-43.97	7.27	20	0.3	-19.7
27	-44.53	6.73	20	0.4	-19.6
30	-45.49	5.75	20	0.4	-19.6

Field Strength Measurement:

$$E \left(dB \left(\frac{\mu V}{m} \right) \right) = U(dB\mu V) + AF \left(\frac{dB}{m} \right) + Corr. (dB)$$

Where:

E = Electric field strength

U = Measuring receiver voltage

AF = Antenna factor

Corr. = sum of single correction factors of used cable and amplifier (if applicable).

Linear interpolation will be used for frequencies in between the values in the table.

Tables shows an extract of the values.

Frequency (MHz)	AF (dB/m)	Cable loss (dB)	Attenuator (dB)	Corr. (dB)
	ID: 114435 VHA 9103	Id: 114928	ID:114525 Hewlett Packet	
30	20.5	1.1	6	7.1
100	10.4	2.5	6	8.5
150	15.5	3.1	6	9.1
200	16.8	3.6	6	9.6
250	18.1	4.2	6	10.2

Frequency (MHz)	AF (dB/m)	Cable loss (dB)	Corr. (dB)
	ID: 114385 Vulp 9118B	Id: 114928	
250	11.7	4.2	4.2
300	12.8	4.9	4.9
350	14.1	5.8	5.8
400	15.5	6.6	6.6
450	17	7.1	7.1
500	17.5	7.5	7.5
550	18.3	7.6	7.6
600	19.2	7.8	7.8
650	20.1	7.8	7.8
700	20.5	8.1	8.1
750	21	8.6	8.6
800	21.4	8.9	8.9
850	21.8	9.4	9.4
900	22.6	9.7	9.7
950	23	10	10
1000	23.2	10.4	10.4

Frequency (MHz)	AF (dB/m)	Gain (dB)	Cable loss (dB)	Corr. (dB)
	114607 Emco 3115 SN: 9412-4377	114690 µComp Nordic MCNA-40-0010800-25-10P	114691	
1000	23.6	45.1	2.7	-43
2000	27.1	44.7	3.9	-41.4
3000	30.5	44.2	4.8	-40
4000	32.7	43.5	5.6	-38.6
5000	33.2	43.1	6.3	-37.5
6000	34.6	43.0	6.9	-36.7
7000	35.2	42.9	7.3	-36.5
8000	37.0	43.3	8.2	-36.1
9000	38.1	43.3	8.5	-35.4
10000	38.2	43.0	9.0	-34.8
11000	38.3	42.9	9.5	-34.2
12000	39.1	42.6	9.9	-33.6
13000	39.2	43.6	10.6	-33.8
14000	41.1	44.3	10.8	-34.6
15000	40.2	44.4	11.4	-34
16000	37.5	44.3	11.6	-33.5
17000	41.1	44.5	12.0	-33.1
18000	44.0	44.9	12.3	-33.5

Frequency (MHz)	AF (dB/m)	Gain (dB)	Cable loss (dB)	Corr. (dB)
	Kiwa ID: 114518 Flann 20240-25	Kiwa ID: 115026 Schwarzbeck BBV 9721	114691	
18000	31.3	34.5	12.3	-22.2
19000	31.5	34.9	12.5	-22.4
20000	31.7	34.3	13.0	-21.3
21000	31.9	34.1	13.7	-20.4
22000	32.1	34.1	14.4	-19.7
23000	32.2	33.6	14.9	-18.7
24000	32.3	32.9	15.4	-17.5
25000	32.4	33.6	16.3	-17.3
26000	32.5	33.6	18.5	-15.1
26500	32.5	33.5	17.7	-15.8

<< END OF REPORT>>