

Prüfbericht-Nr.: Test report no.:	CN26MTSO 001	Auftrags-Nr.: Order no.:	326178369	Seite 1 von 17 Page 1 of 17
Kunden-Referenz-Nr.: Client reference no.:	2487803	Auftragsdatum: Order date:	2026-03-24	
Auftraggeber: Client:	NINGBO DEYE ESS TECHNOLOGY CO., LTD No.568, South Rixian Road, Binhai Economic Development Zone, Cixi, Ningbo, Zhejiang, P.R. China			
Prüfgegenstand: Test item:	Rechargeable Li-ion Battery System			
Bezeichnung / Typ-Nr.: Identification / Type no.:	SE-F16 Max-6			
Auftrags-Inhalt: Order content:	Test Report			
Prüfgrundlage: Test specification:	FCC 47 CFR Part 15 Subpart C, Section 15.247 ANSI C63.10:2020			
Wareneingangsdatum: Date of sample receipt:	2026-04-14	Refer to photo document.		
Prüfmuster-Nr.: Test sample no.:	A004244468-001			
Prüfzeitraum: Testing period:	2026-05-28 ~ 2026-06-04			
Ort der Prüfung: Place of testing:	Refer to clause 2.1			
Prüflaboratorium: Testing laboratory:	TÜV Rheinland (Shanghai) Co., Ltd.			
Prüfergebnis*: Test result*:	Pass			
geprüft von: tested by: Max Min	X <u>Max Min</u>	genehmigt von: authorized by: Qiuhua Cao	X <u>Qiuhua Cao</u>	
Datum: Date: 2026-07-15		Datum: Date: 2026-07-15		
Stellung / Position:	Sachverständige(r)/Expert	Stellung / Position:	Sachverständige(r)/Expert	
Sonstiges / Other:	FCC ID: 2BW6JSE-F16MAX-6			
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:	Prüfmuster vollständig und unbeschädigt Test item complete and undamaged			
* Legende:	P(ass) = entspricht o.g. Prüfgrundlage(n)	F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	N/A = nicht anwendbar	N/T = nicht getestet
* Legend:	P(ass) = passed a.m. test specification(s)	F(ail) = failed a.m. test specification(s)	N/A = not applicable	N/T = not tested
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Anmerkungen Remarks

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4	Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019. <i>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i>

TEST SUMMARY

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 6dB & 99% BANDWIDTH

RESULT: Pass

5.1.3 OUTPUT POWER

RESULT: Pass

5.1.4 POWER SPECTRAL DENSITY

RESULT: Pass

5.1.5 CONDUCTED BAND EDGE AND OUT-OF BAND EMISSIONS

RESULT: Pass

5.2.1 CONDUCTED EMISSION

RESULT: Not applicable

5.2.2 RADIATED BAND-EDGE

RESULT: Pass

5.2.3 RADIATED SPURIOUS EMISSION

RESULT: Pass

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1. General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix A: Test Results of Bluetooth Low Energy

Appendix B: Photographs of the Test Set-up

2. Test Sites

2.1 Test Facilities

TÜV Rheinland (Shanghai) Co., Ltd.
Workshop14, North Half of Workshop 10 and Workshop 16, Pingqian (Taicang) Modern Industrial Park, No.525, Yuewang Lingang South Road, Shaxi, Taicang, Jiangsu, China

The used test equipment is in accordance with CISPR 16 for measurement of radio interference.

The Federal Communications Commission has reviewed the technical characteristics of the radiated and conducted emission facility, and has found these test facilities to be in compliance with the requirements of section 2.948 of the FCC rules. The description of the test facility is listed under FCC registration number 930979.

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Equipment name	Model	Serial no.	Manufacturer	Due Date DD.MM.YYYY
Thermohygrometer	608-H1	1241320265	testo	2027-05-19
60 cm loop antenna	HLA6120	22137	Schaffner	2026-07-09
EMI test receiver	ESCI	100280	Rohde & Schwarz	2026-09-28
3 m semi-anechoic chamber	SAC3	FJ129002	Frankonia	2026-12-03
EMI measurement software	EMC32-MEB (10.60.20)	100697	Rohde & Schwarz	NA
BiLog antenna	CBL 6112D	40530	Teseq	2026-09-24
Thermohygrometer	608-H1	2283796621	testo	2027-05-21
RF measurement software	WMS32-WB (11.40.00)	101516	Rohde & Schwarz	NA
Vector signal generator	SMW200A	110702	Rohde & Schwarz	2026-11-27
Signal generator	SMB100B (6 GHz)	103832	Rohde & Schwarz	2026-11-27
OSP	OSP-B157W8	100857	Rohde & Schwarz	2026-12-17
Spectrum analyser	FSV40	101258	Rohde & Schwarz	2026-07-11
Wireless connectivity tester	CMW270	102435	Rohde & Schwarz	2027-08-09
Double ridged horn antenna	BBHA 9120 D	9120D-434	Schwarzbeck	2026-08-28
Broadband horn antenna	BBHA 9170	9170-305	Schwarzbeck	2028-06-18
Preamplifier	EMC051845SE	980612	EMCI Taiwan	2026-07-11
Preamplifier	EMC184045SE	980596	EMCI Taiwan	2026-07-11

2.3 Traceability

All measurement equipment calibrations are traceable to NIST or where calibration is performed outside the United States, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

Table 2: Measurement Uncertainty

Measurement Type	Frequency	Uncertainty
Antenna Port Conducted Emission	< 1GHz	±0.39dB
	> 1GHz	±0.68dB
Conducted Emission	150kHz - 30MHz	±3.39dB
Radiated Emission	9kHz - 30MHz	±2.93dB
	30MHz - 1GHz	±5.34dB
	> 1GHz	±5.40dB

3. General Product Information

3.1 Product Function and Intended Use

The EUT (Equipment Under Test) is a Rechargeable Li-ion Battery System with Bluetooth Low Energy function.

3.2 Ratings and System Details

Table 3: Technical Specification of EUT

General Description of EUT	
Product Name:	Rechargeable Li-ion Battery System
Model No.:	SE-F16 Max-6
Nominal Capacity	314Ah
Nominal Energy	16kWh
Nominal Voltage	51.2Vdc
Max. Charge/Discharge Current	160/200A
Operating Voltage Range	44.8~57.6Vdc
RF Technical:	Bluetooth Low Energy
Technical Specification of Bluetooth Low Energy	
Frequency Range:	2402~2480MHz
Modulation Type:	GFSK
Data Rate:	1Mbps
Channel Separation:	2MHz
Antenna Type:	PCB Antenna
Antenna Gain:	-1.66 dBi
Max. Output power	5.6 dBm

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Table 4: Operation Channel List of Bluetooth Low Energy

RF Channel	Frequency [MHz]	RF Channel	Frequency [MHz]	RF Channel	Frequency [MHz]	RF Channel	Frequency [MHz]
00	2402	10	2422	20	2442	30	2462
01	2404	11	2424	21	2444	31	2464
02	2406	12	2426	22	2446	32	2466
03	2408	13	2428	23	2448	33	2468
04	2410	14	2430	24	2450	34	2470
05	2412	15	2432	25	2452	35	2472
06	2414	16	2434	26	2454	36	2474
07	2416	17	2436	27	2456	37	2476
08	2418	18	2438	28	2458	38	2478
09	2420	19	2440	29	2460	39	2480

3.3 Independent Operation Modes

For Bluetooth Low Energy, EUT was tested with channel 00, 19, and 39.

The basic operation modes are:

- A. BLE transmitting mode

3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

4. Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

The equipment under test (EUT) was configured to measure its maximum power level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

All testing were performed according to the procedures in ANSI C63.10:2020.
Test Software: RDTool

Table 5: Power parameter value

Test Mode	Data Rate	Power Parameter Setting Value
Bluetooth Low Energy	1Mbps	Default

4.3 Special Accessories and Auxiliary Equipment

Table 6: Special Accessories and Auxiliary Equipment

Equipment	Manufacturer	Model
Notebook	Lenovo	Thinkpad T14 Gen 3

4.4 Countermeasures to achieve EMC Compliance

No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

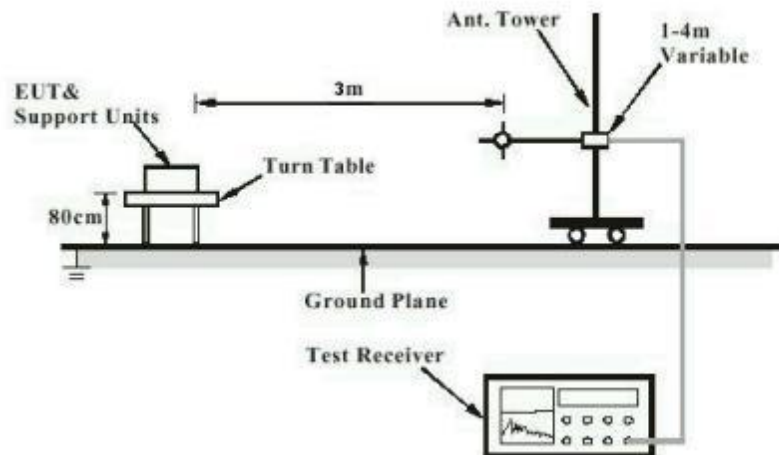


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)

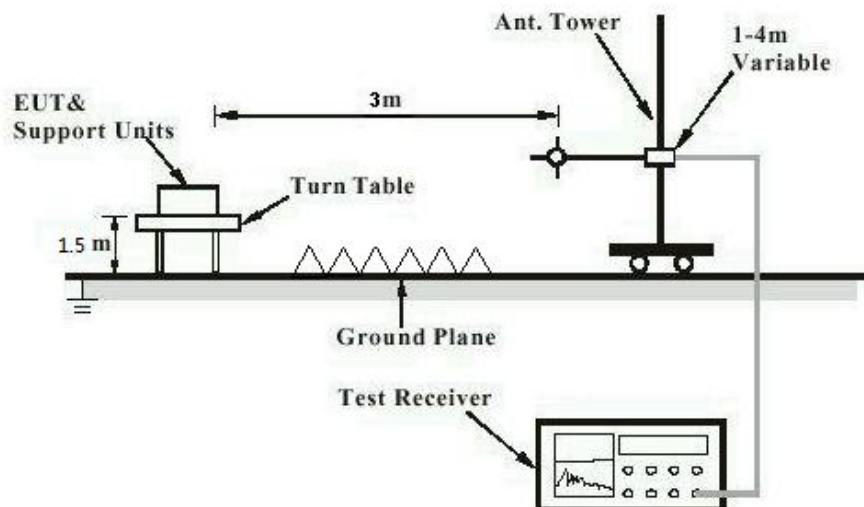
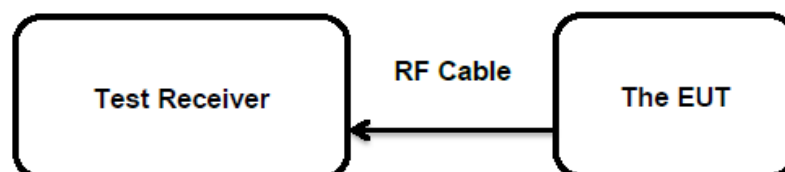


Diagram of Measurement Configuration for Conducted Transmitter Measurement



5. Test Results

5.1 Conducted Testing at Antenna Port

5.1.1 Antenna Requirement

RESULT: **Pass**

According to the manufacturer declared, the EUT has one external spring antenna, the directional gain of antenna is -1.66 dBi and the antenna is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply with the provision.

Table 7: Antenna Requirement

FCC 15.203 – Antenna Requirement 1	
Requirement:	No antenna other than that furnished by the responsible party shall be used with the device
Results:	Antenna type: Spring Antenna
Verdict:	Pass

FCC 15.204 – Antenna Requirement 2	
Requirement:	An intentional radiator may be operated only with the antenna with which it is authorized. If an antenna is marketed with the intentional radiator, it shall be of a type which is authorized with the intentional radiator.
Results:	Only one spring antenna can be used
Verdict:	Pass

5.1.2 6dB & 99% Bandwidth

RESULT: **Pass**

Date of testing	: 2026-05-28
Ambient temperature	: 21.6 °C
Relative humidity	: 54.5 %
Atmospheric pressure	: 101 kPa
Test requirement	: FCC Part 15.247(a)(2)
Test procedure	: ANSI C63.10:2020
Test voltage	: DC 51.2V
Test modes applied	: A

For the measurement records, refer to Appendix A.

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5.1.3 Output Power

RESULT:

Pass

Date of testing : 2026-05-28
Ambient temperature : 21.6 °C
Relative humidity : 54.5 %
Atmospheric pressure : 101 kPa
Test requirement : FCC Part 15.247(b)(3)
Test procedure : ANSI C63.10:2020
Test voltage : DC 51.2V
Test modes applied : A

For the measurement records, refer to Appendix A.

5.1.4 Power Spectral Density

RESULT:

Pass

Date of testing : 2026-05-28
Ambient temperature : 21.6 °C
Relative humidity : 54.5 %
Atmospheric pressure : 101 kPa
Test requirement : FCC Part 15.247(e)
Test procedure : ANSI C63.10:2020
Test voltage : DC 51.2V
Test modes applied : A

For the measurement records, refer to Appendix A.

5.1.5 Conducted Band Edge and out-of Band Emissions

RESULT: **Pass**

Date of testing	:	2026-05-28
Ambient temperature	:	21.6 °C
Relative humidity	:	54.5 %
Atmospheric pressure	:	101 kPa
Test requirement	:	FCC Part 15.247(d) RSS-247 Issue 3, August 2023, Clause 5.5
Test procedure	:	ANSI C63.10:2020
Test voltage	:	DC 51.2V
Test modes applied	:	A

For the measurement records, refer to Appendix A.

5.2 Emission Testing in the Frequency Range above 9kHz

5.2.1 Conducted Emission

RESULT:

Not applicable

The EUT is powered by DC, and only receives power from devices which are not directly connected to a public power network, such as dedicated batteries and inverters.

According to FCC 47 CFR Part 15, Subpart C, section 15.207(c), measurements to demonstrate compliance with the conducted limits are not required for devices which only employ battery power for operation and which do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines.

5.2.2 Radiated Band-Edge

RESULT:

Pass

Date of testing	: 2026-06-04
Ambient temperature	: 21.4 °C
Relative humidity	: 56.2 %
Atmospheric pressure	: 101 kPa
Test requirement	: FCC Part 15.247(d) FCC Part 15.205(a) FCC Part 15.209(a)
Test procedure	: ANSI C63.10:2020
Test voltage	: DC 51.2V
Test modes applied	: A

For the measurement records, refer to Appendix A.

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5.2.3 Radiated Spurious Emission

RESULT:

Pass

Date of testing	: 2026-06-04
Ambient temperature	: 21.4 °C
Relative humidity	: 56.2 %
Atmospheric pressure	: 101 kPa
Test requirement	: FCC Part 15.247(d) FCC Part 15.209(a)
Test procedure	: ANSI C63.10:2020
Test voltage	: DC 51.2V
Test modes applied	: A

Note: For the frequency range from 9kHz to 30MHz, 30MHz to 1GHz, and 18GHz to 25GHz, Only the worst case is shown on the report.

For the measurement records, refer to Appendix A.

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Appendix A: Test Results of Bluetooth Low Energy

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Appendix A.1: 6dB & 99% Bandwidth

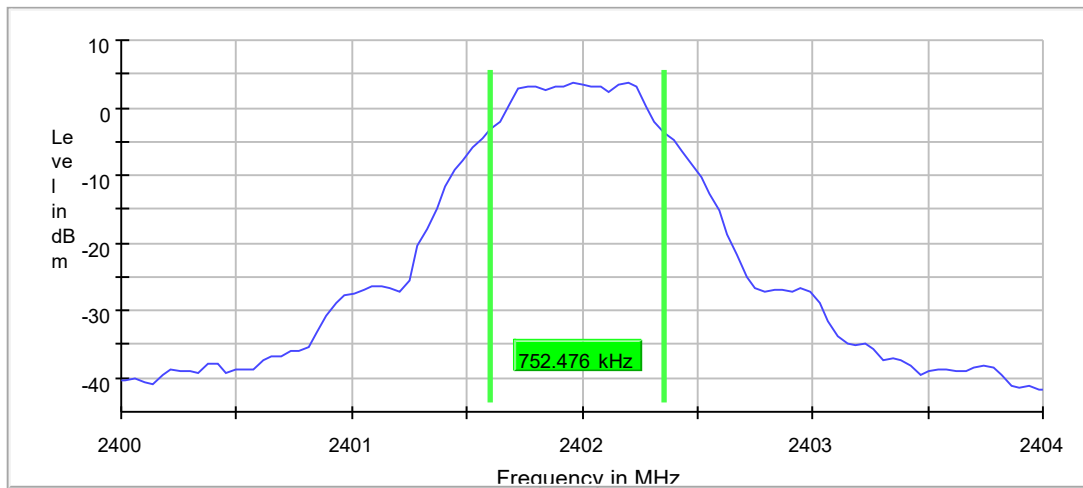
6dB Bandwidth, 1Mbps, 2402MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	0.752476	0.500000	---	2401.603960	2402.356436

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2402.000000	3.7	PASS

6 dB Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.40400 GHz	2.40400 GHz
Span	4.000 MHz	4.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 80
Sweptime	18.938 μ s	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	12 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.11 dB	0.50 dB

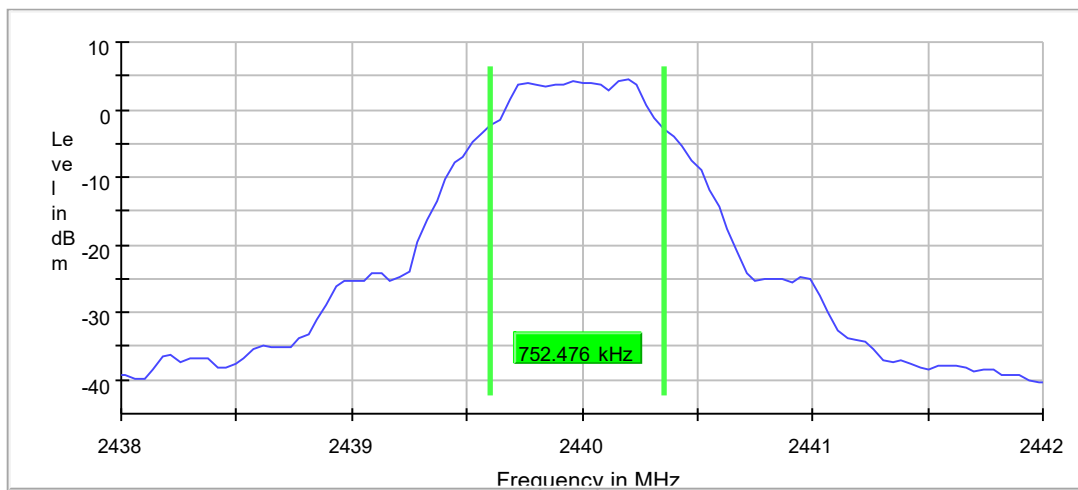
6dB Bandwidth, 1Mbps, 2440MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2440.000000	0.752476	0.500000	---	2439.603960	2440.356436

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2440.000000	4.5	PASS

6 dB Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.43800 GHz	2.43800 GHz
Stop Frequency	2.44200 GHz	2.44200 GHz
Span	4.000 MHz	4.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 80
Sweeptime	18.938 μ s	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	9 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.44 dB	0.50 dB

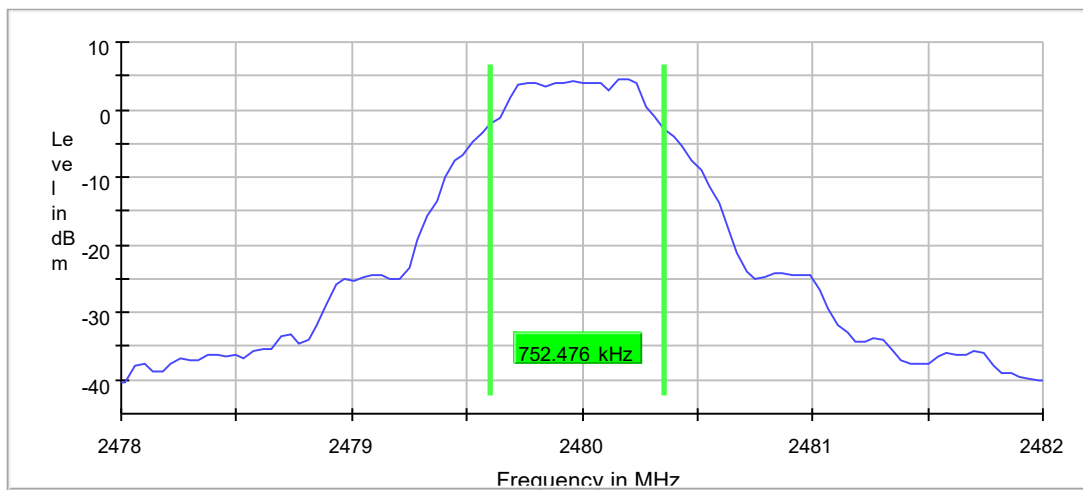
6dB Bandwidth, 1Mbps, 2480MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	0.752476	0.500000	---	2479.603960	2480.356436

(continuation of the "6 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2480.000000	4.7	PASS

6 dB Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.47800 GHz	2.47800 GHz
Stop Frequency	2.48200 GHz	2.48200 GHz
Span	4.000 MHz	4.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 80
Sweeptime	18.938 μ s	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	10 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.41 dB	0.50 dB

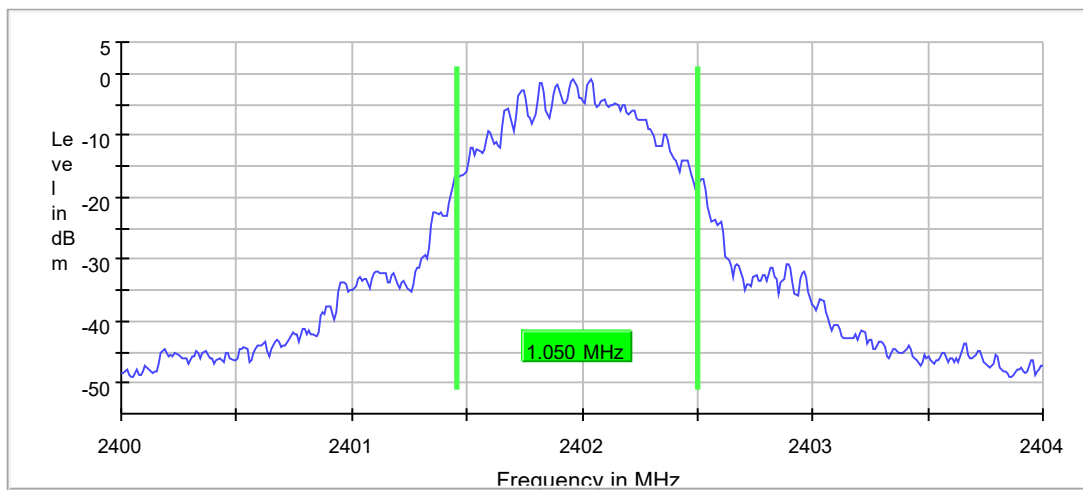
99% Bandwidth, 1Mbps, 2402MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	1.050000	---	---	2401.455000	2402.505000

(continuation of the "99% Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2402.000000	PASS

99 % Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.40400 GHz	2.40400 GHz
Span	4.000 MHz	4.000 MHz
RBW	20.000 kHz	>= 20.000 kHz
VBW	100.000 kHz	>= 60.000 kHz
SweepPoints	400	~ 400
Sweeptime	94.824 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	6 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.19 dB	0.30 dB

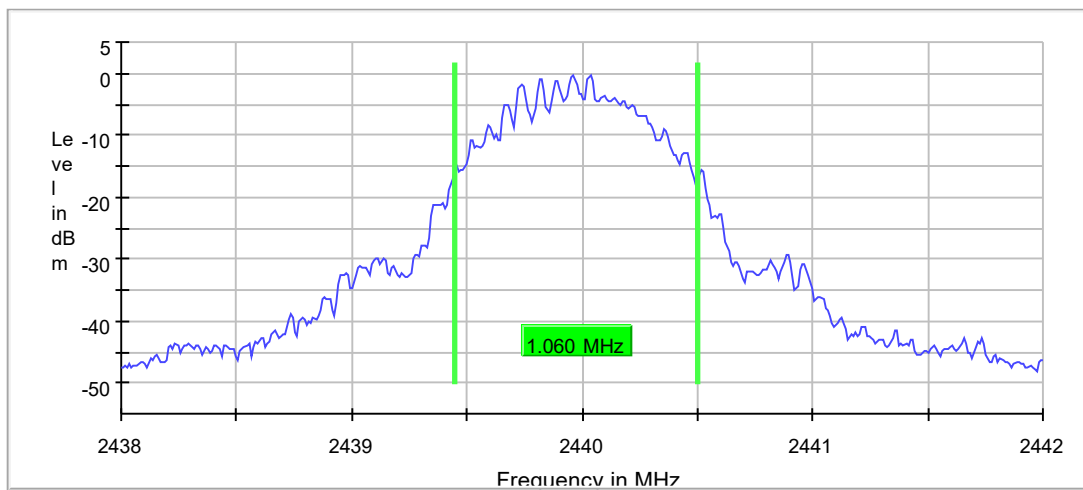
99% Bandwidth, 1Mbps, 2440MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2440.000000	1.060000	---	---	2439.445000	2440.505000

(continuation of the "99% Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2440.000000	PASS

99 % Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.43800 GHz	2.43800 GHz
Stop Frequency	2.44200 GHz	2.44200 GHz
Span	4.000 MHz	4.000 MHz
RBW	20.000 kHz	>= 20.000 kHz
VBW	100.000 kHz	>= 60.000 kHz
SweepPoints	400	~ 400
Sweeptime	94.824 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	5 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.19 dB	0.30 dB

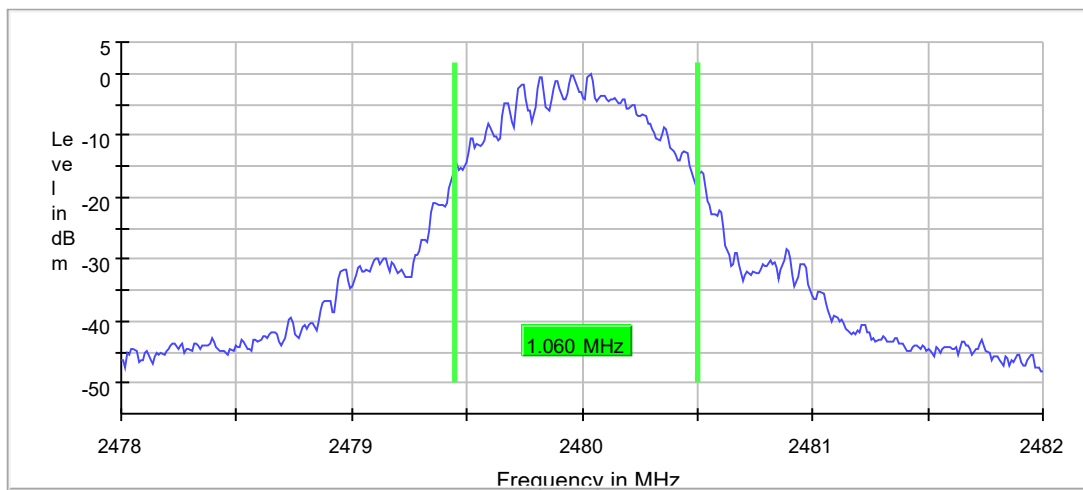
99% Bandwidth, 1Mbps, 2480MHz

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	1.060000	---	---	2479.445000	2480.505000

(continuation of the "99% Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Result
2480.000000	PASS

99 % Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.47800 GHz	2.47800 GHz
Stop Frequency	2.48200 GHz	2.48200 GHz
Span	4.000 MHz	4.000 MHz
RBW	20.000 kHz	>= 20.000 kHz
VBW	100.000 kHz	>= 60.000 kHz
SweepPoints	400	~ 400
Sweeptime	94.824 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	6 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.15 dB	0.30 dB

Appendix A.2: Output Power

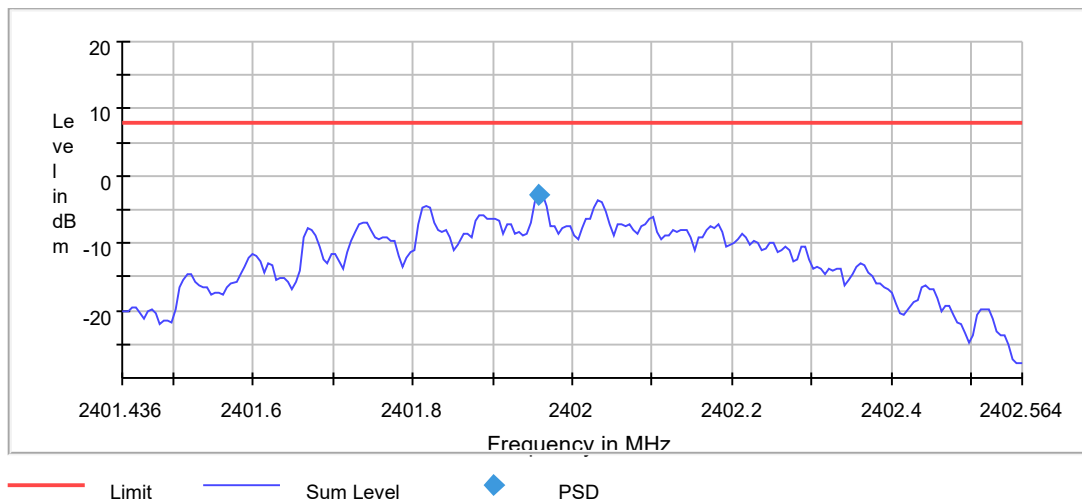
Data Rate	Frequency [MHz]	Peak Conducted Output Power [dBm]	Limit [dBm]
1Mbps	2402	5.0	30
1Mbps	2440	5.5	30
1Mbps	2480	5.6	30

Appendix A.3: Power Spectral density

Power Spectral Density, 1Mbps, 2402MHz

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2402.000000	2401.957548	-2.675	8.0	PASS

Peak Power Spectral Density



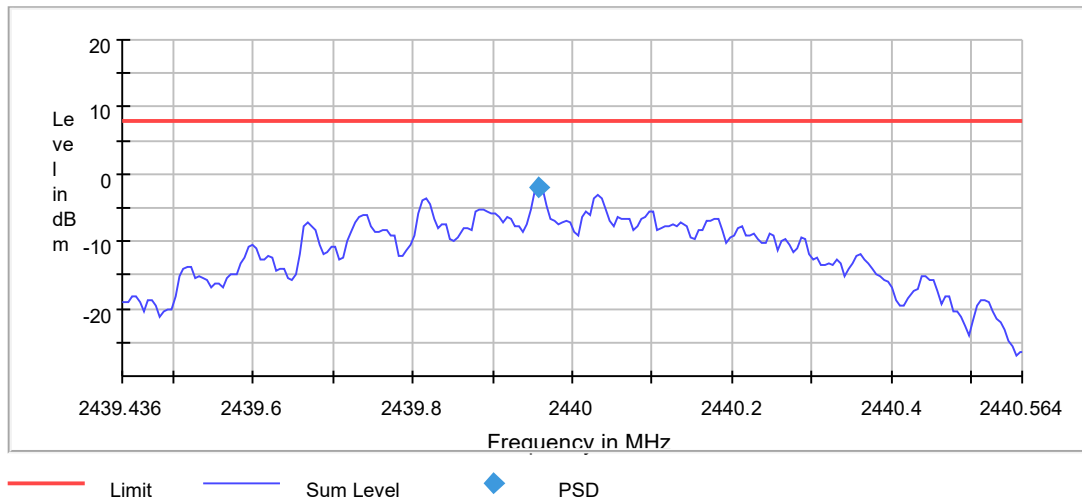
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40144 GHz	2.40144 GHz
Stop Frequency	2.40256 GHz	2.40256 GHz
Span	1.129 MHz	1.129 MHz
RBW	10.000 kHz	<= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	226	~ 226
Sweeptime	1.130 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	3 / max. 150	max. 150
Stable	2 / 2	2
Max Stable Difference	0.12 dB	0.50 dB

Power Spectral Density, 1Mbps, 2440MHz

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2440.000000	2439.957548	-2.104	8.0	PASS

Peak Power Spectral Density



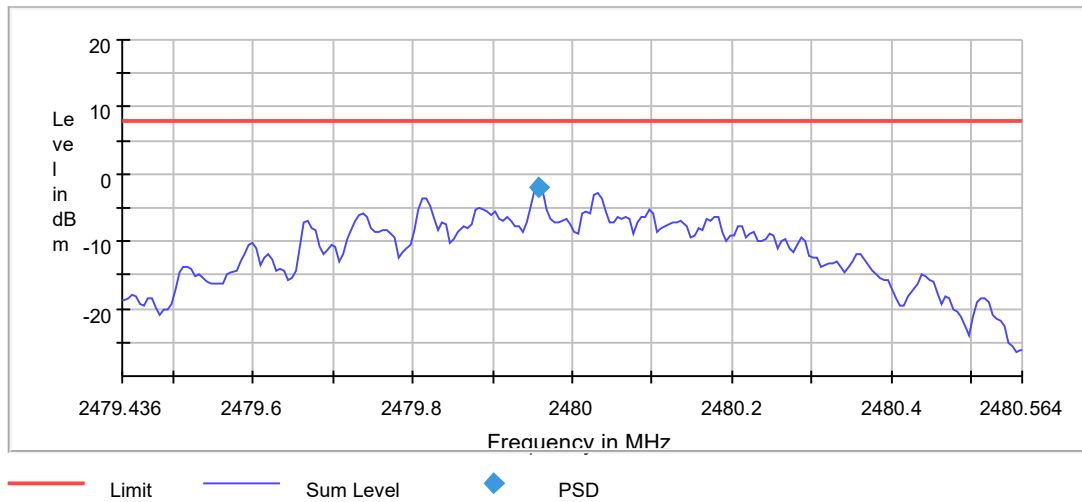
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.43944 GHz	2.43944 GHz
Stop Frequency	2.44056 GHz	2.44056 GHz
Span	1.129 MHz	1.129 MHz
RBW	10.000 kHz	<= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	226	~ 226
SweepTime	1.130 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	Sweep
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	3 / max. 150	max. 150
Stable	2 / 2	2
Max Stable Difference	0.27 dB	0.50 dB

Power Spectral Density, 1Mbps, 2480MHz

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2480.000000	2479.957548	-1.968	8.0	PASS

Peak Power Spectral Density

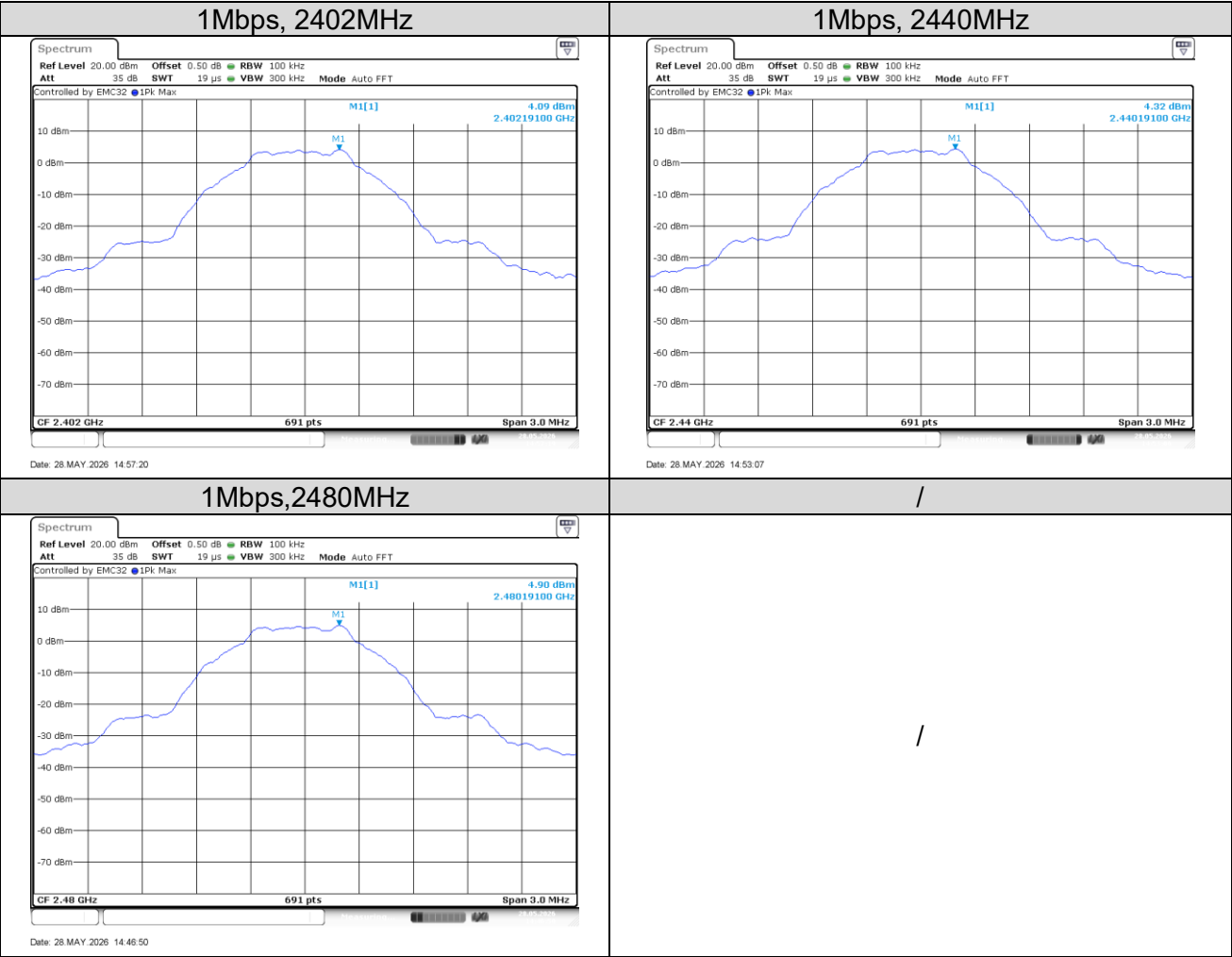


Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.47944 GHz	2.47944 GHz
Stop Frequency	2.48056 GHz	2.48056 GHz
Span	1.129 MHz	1.129 MHz
RBW	10.000 kHz	<= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	226	~ 226
SweepTime	1.130 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	Sweep
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	3 / max. 150	max. 150
Stable	2 / 2	2
Max Stable Difference	0.20 dB	0.50 dB

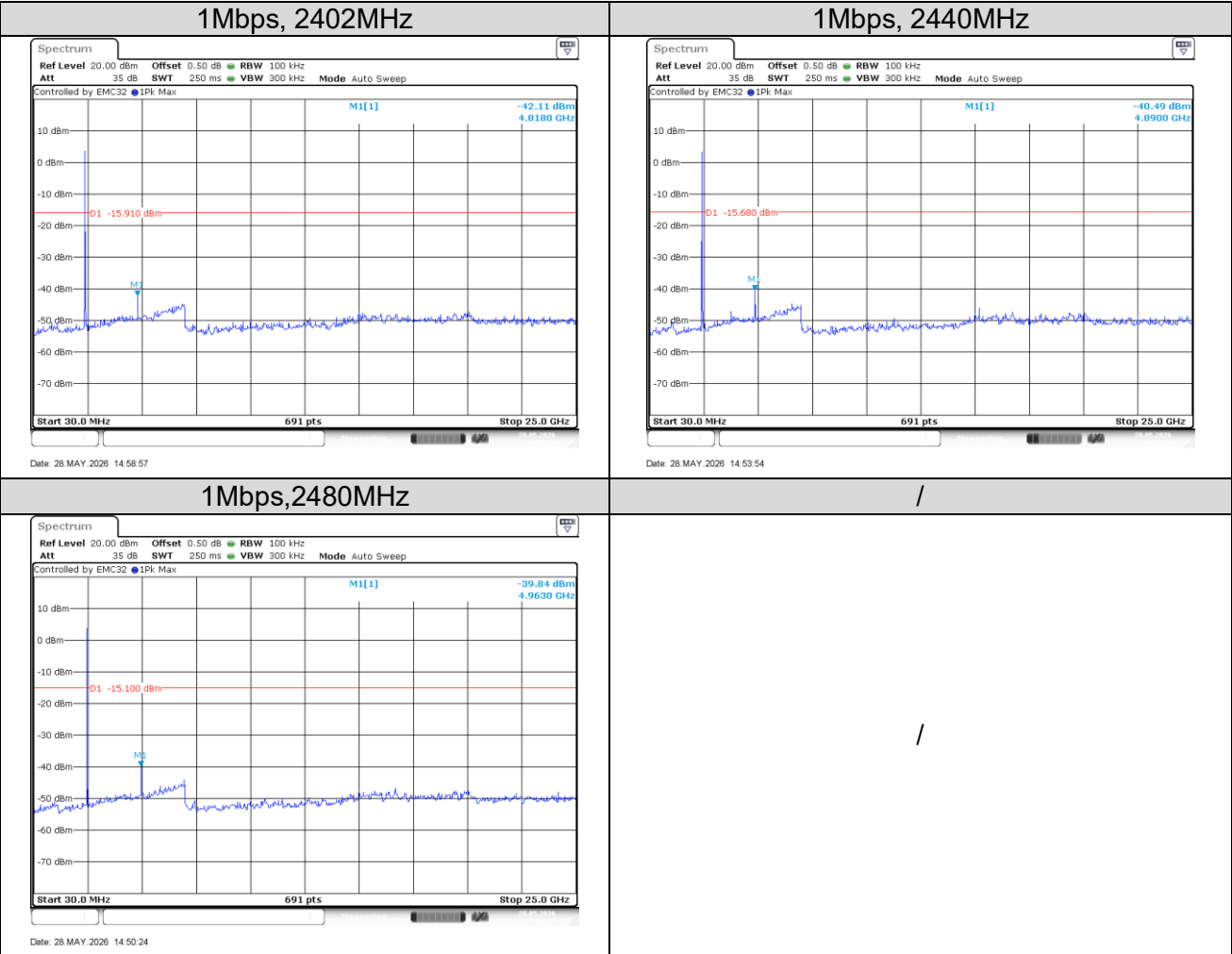
Appendix A.4: Conducted Band Edge and out-of Band Emissions

Reference level

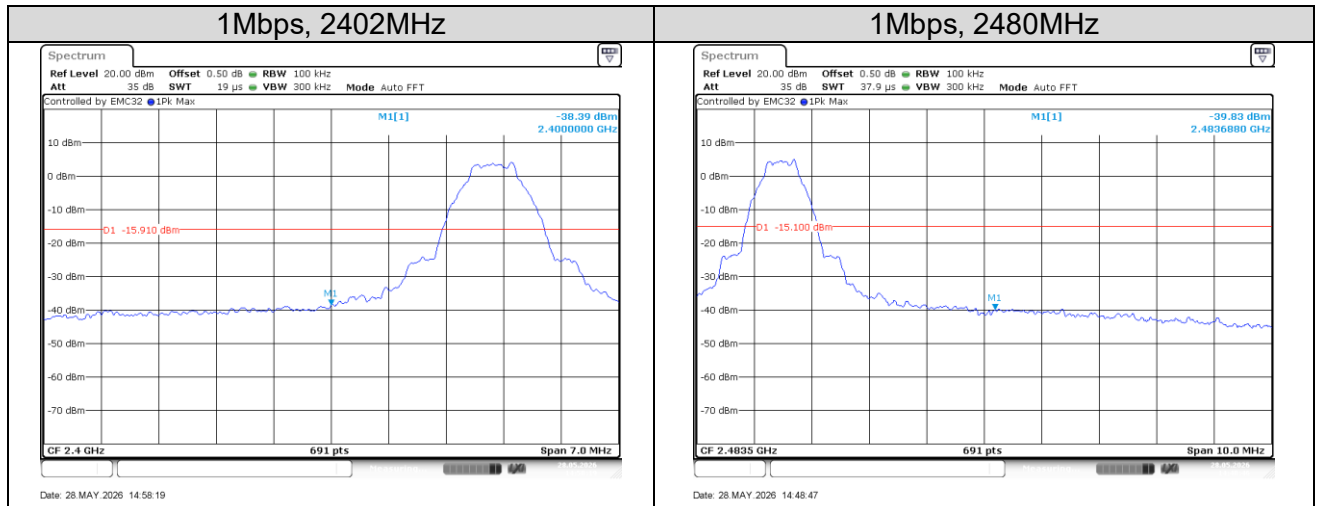


Produkte
Products

Conducted Spurious Emission



Conducted Band Edge



Appendix A.5: Tx unwanted emissions in the out-of-band domain

Radiated Band-Edge, 1Mbps, 2402MHz, Horizontal

XXY- 2310~2410 BE 1-18GHz_HL050_FSV40_Pre-10-YUNFANG

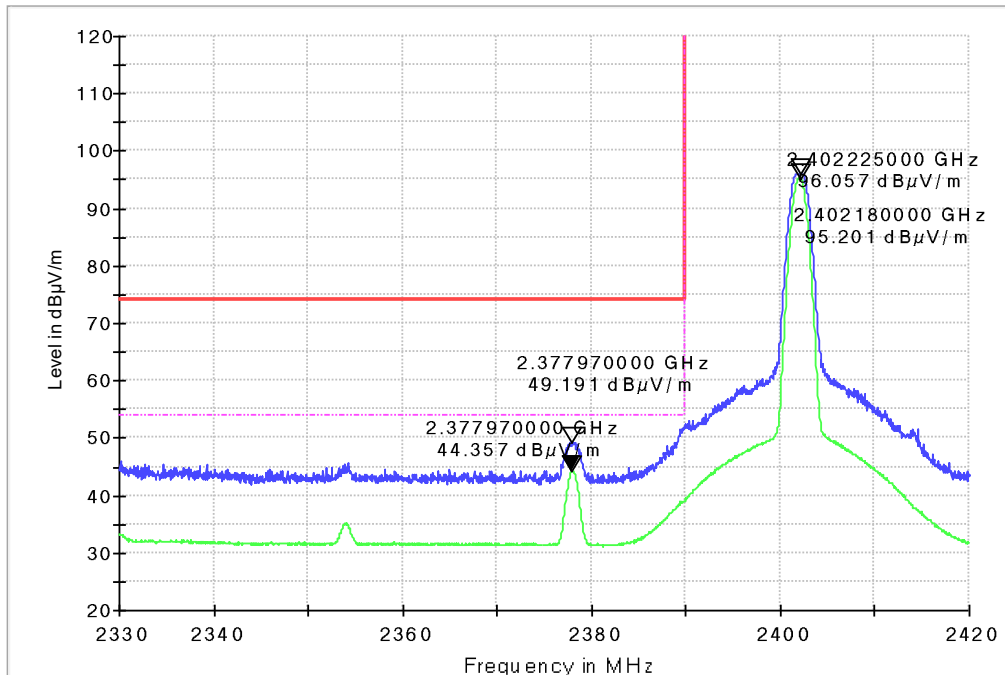
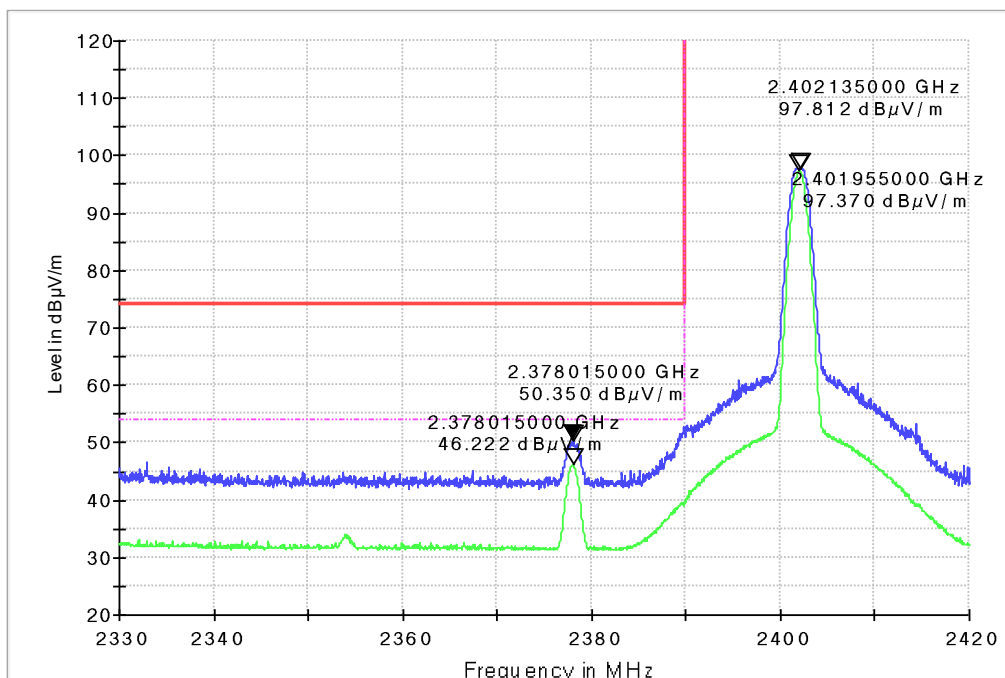


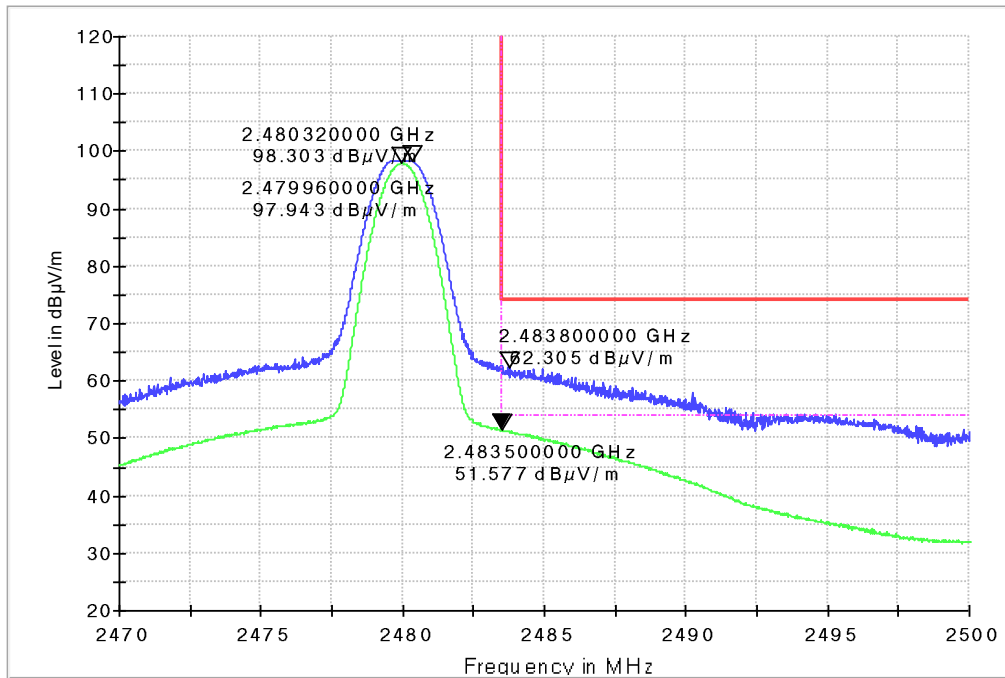
Figure 1: Radiated Band-Edge, 1Mbps, 2402MHz, Vertical

XXY- 2310~2410 BE 1-18GHz_HL050_FSV40_Pre-10-YUNFANG



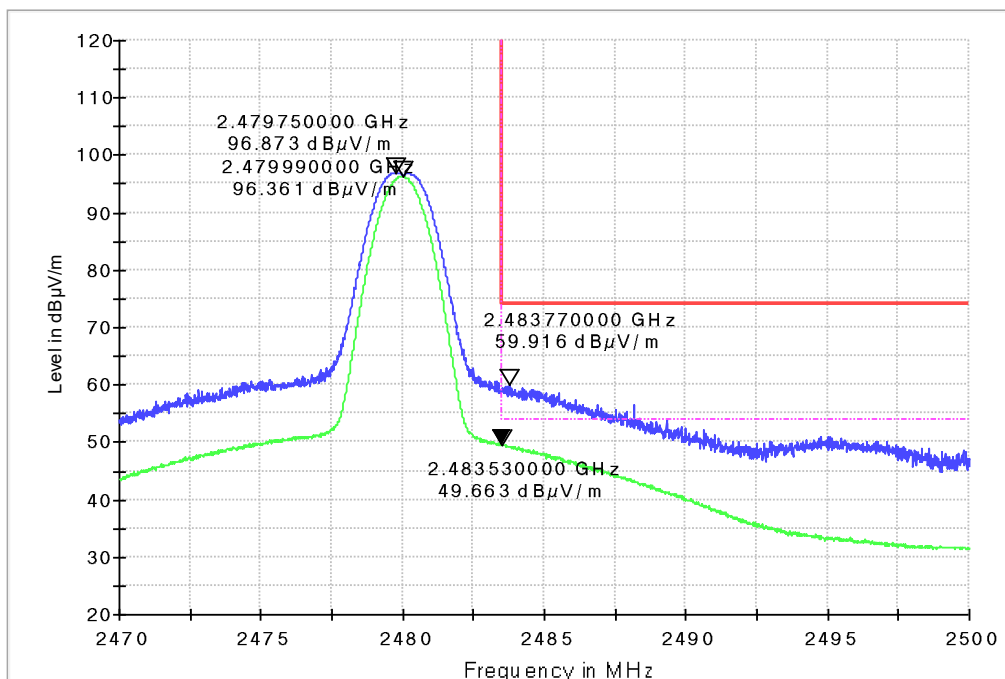
Radiated Band-Edge, 1Mbps, 2480MHz, Horizontal

XXY-2470~2500 BE_1-18GHz_HL050_FSV40_Pre-10-YUNFANG



Radiated Band-Edge, 1Mbps, 2480MHz, Vertical

XXY-2470~2500 BE_1-18GHz_HL050_FSV40_Pre-10-YUNFANG

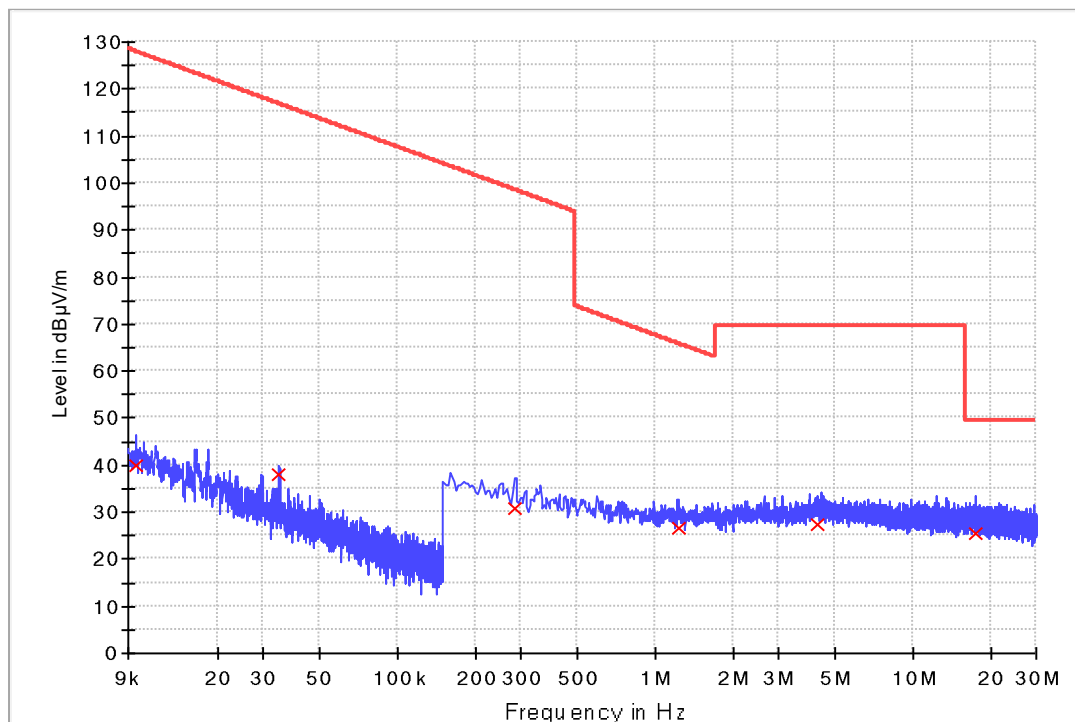


Appendix A.6: Radiated Spurious Emission

9kHz ~ 30MHz:

Test Mode	TX Mode 2402 MHz_1Mbps	Polarization	Parallel
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15.209 9K-30M-tx

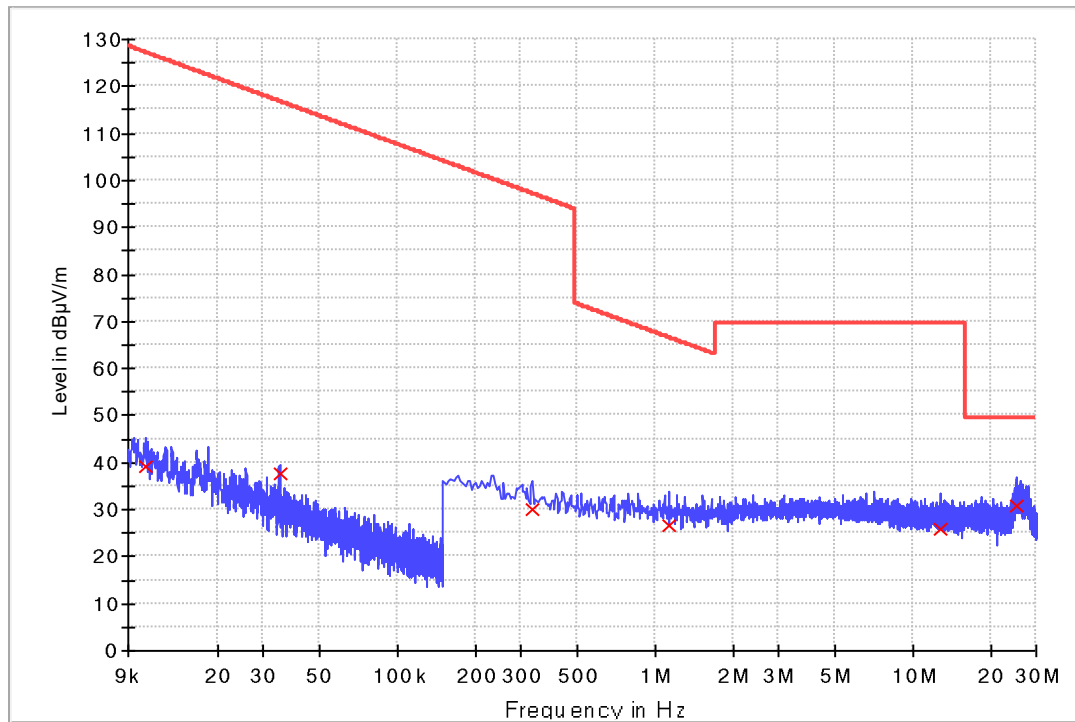


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
0.009635	39.9	0.200	100.0	H	-180.0	21.6	88.0	127.9
0.034750	38.1	0.200	100.0	H	-180.0	21.7	78.7	116.8
0.284325	30.7	9.000	100.0	H	-180.0	21.6	67.8	98.5
1.224600	26.7	9.000	100.0	H	-180.0	21.2	39.2	65.8
4.254375	27.5	9.000	100.0	H	-180.0	21.2	42.0	69.5
17.429419	25.6	9.000	100.0	H	-180.0	22.1	23.9	49.5

Test Mode	TX Mode 2402 MHz_1Mbps	Polarization	Perpendicular
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15.209 9K-30M-tx

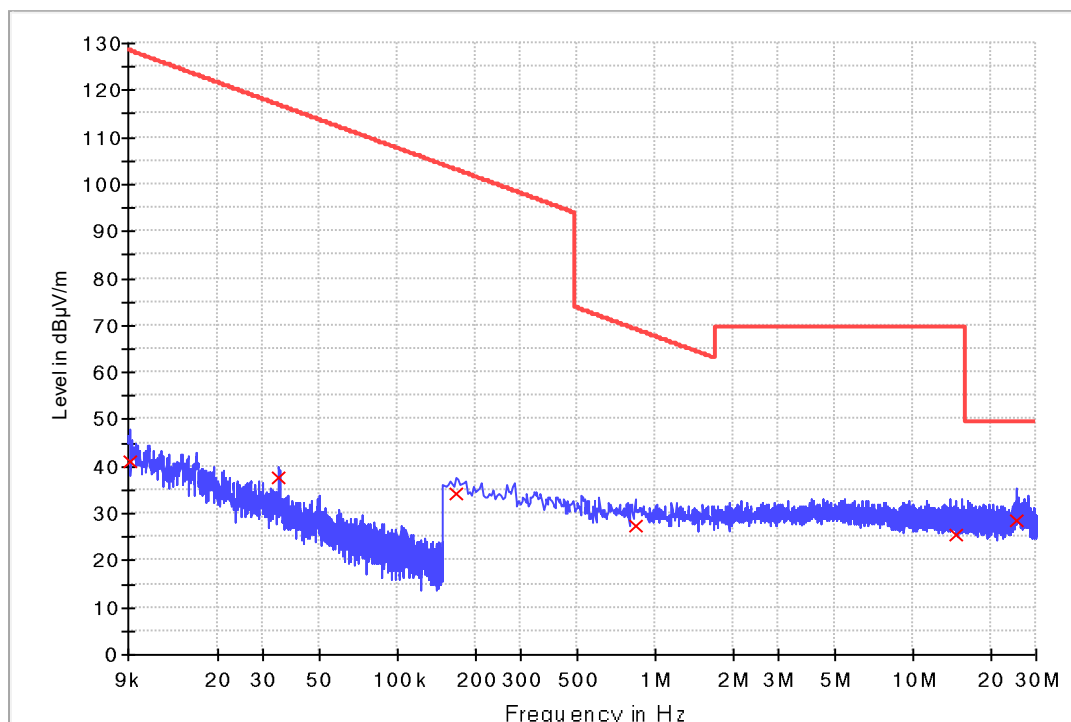


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
0.010533	39.0	0.200	100.0	H	-180.0	21.5	88.2	127.2
0.034785	37.6	0.200	100.0	H	-180.0	21.7	79.2	116.8
0.332831	30.1	9.000	100.0	H	-180.0	21.7	67.1	97.2
1.123856	26.6	9.000	100.0	H	-180.0	21.2	40.0	66.6
12.851175	25.9	9.000	100.0	H	-180.0	21.8	43.6	69.5
25.410563	30.8	9.000	100.0	H	-180.0	21.7	18.7	49.5

Test Mode	TX Mode 2402 MHz_1Mbps	Polarization	Ground-parallel
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15.209 9K-30M-tx



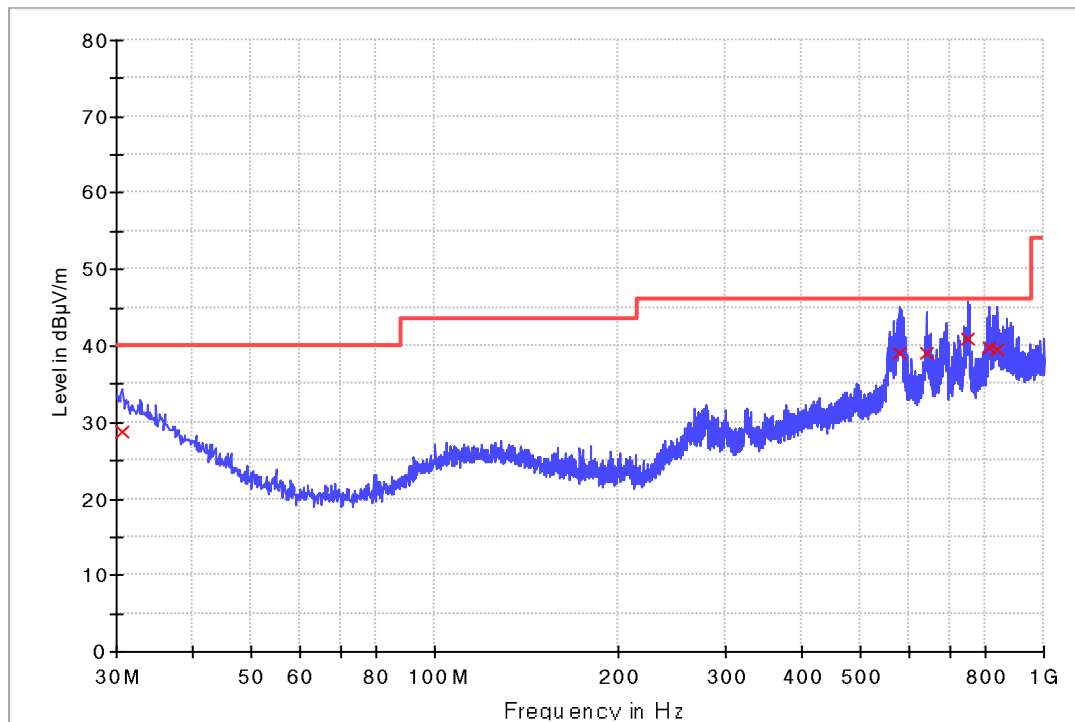
Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
0.009123	41.1	0.200	100.0	H	-180.0	21.7	87.3	128.4
0.034733	37.6	0.200	100.0	H	-180.0	21.7	79.2	116.8
0.168656	34.0	9.000	100.0	H	-180.0	21.6	69.0	103.1
0.832819	27.2	9.000	100.0	H	-180.0	21.7	42.0	69.2
14.563819	25.6	9.000	100.0	H	-180.0	21.9	44.0	69.5
25.112063	28.3	9.000	100.0	H	-180.0	21.7	21.2	49.5

30MHz ~ 1GHz:

Test Mode	TX Mode 2480 MHz_1Mbps	Polarization	Horizontal
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_Radiated emission (30 M-1 GHz) 1 Range_FCC

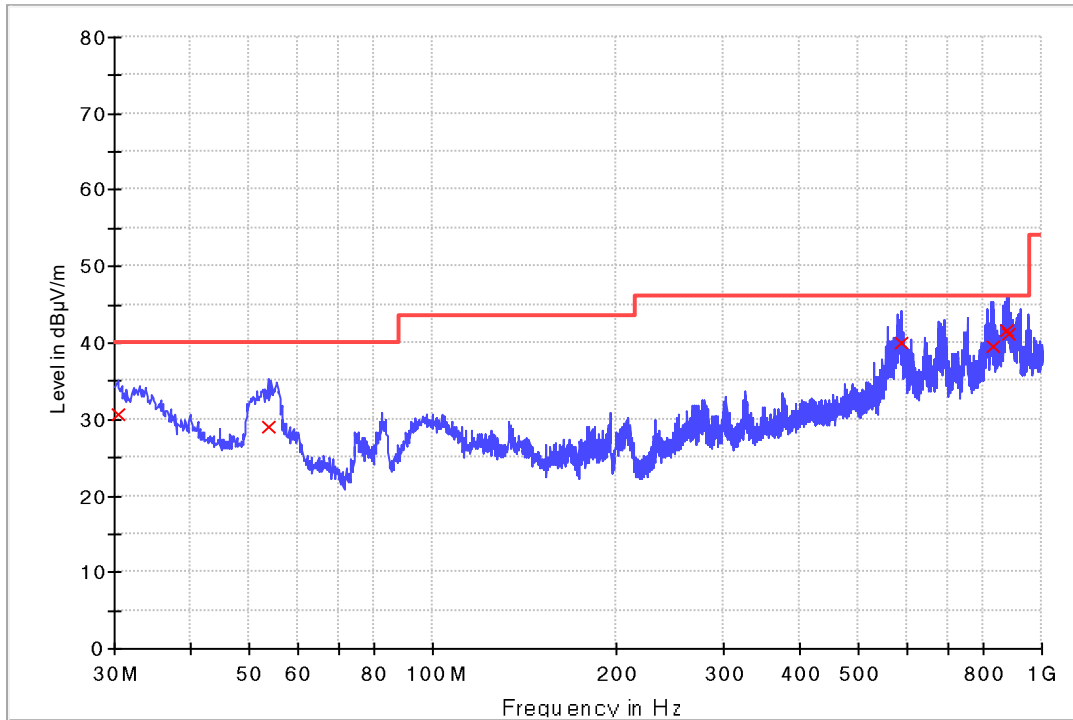


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
30.606250	28.7	120.000	100.0	H	180.0	25.1	11.3	40.0
581.202500	39.1	120.000	100.0	H	180.0	26.9	7.0	46.0
642.433750	39.0	120.000	100.0	H	180.0	26.9	7.0	46.0
751.801250	40.9	120.000	100.0	H	180.0	28.3	5.1	46.0
811.335000	39.8	120.000	100.0	H	180.0	28.1	6.2	46.0
835.948750	39.5	120.000	100.0	H	180.0	28.8	6.5	46.0

Test Mode	TX Mode 2480 MHz_1Mbps	Polarization	Vertical
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_Radiated emission (30 M-1 GHz) 1 Range_FCC



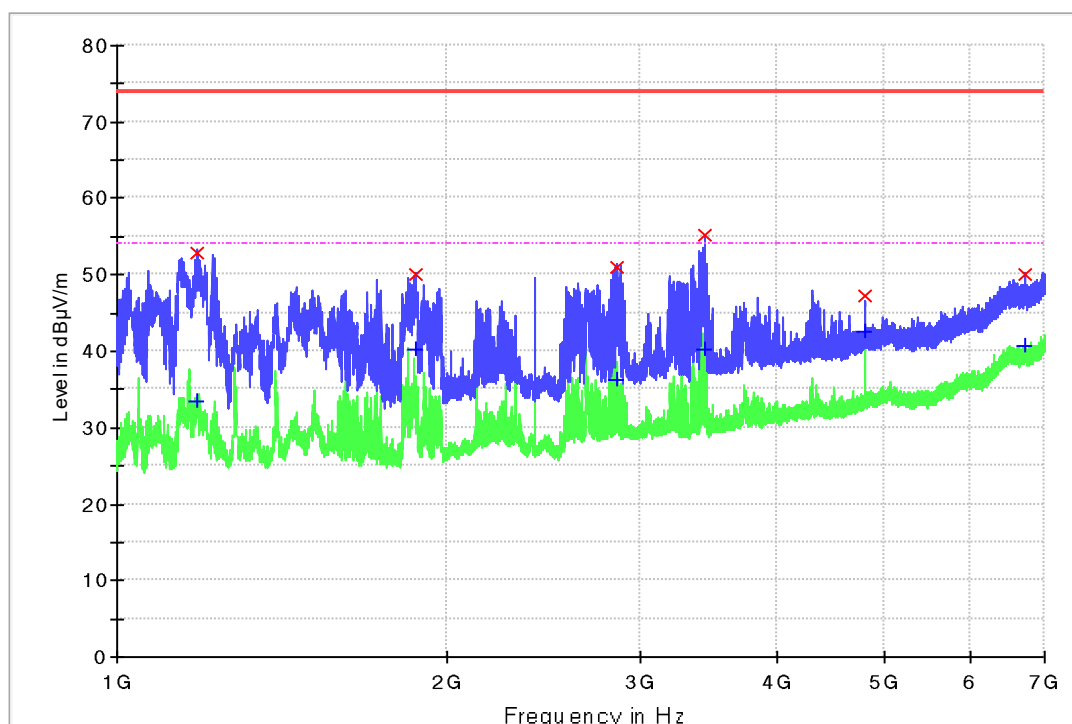
Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
30.363750	30.6	120.000	100.0	V	-180.0	25.2	9.4	40.0
53.643750	29.0	120.000	100.0	V	-180.0	13.6	11.1	40.0
587.143750	39.9	120.000	100.0	V	180.0	26.7	6.1	46.0
833.402500	39.6	120.000	100.0	V	-180.0	28.7	6.4	46.0
877.780000	41.6	120.000	100.0	V	180.0	28.7	4.4	46.0
881.053750	41.2	120.000	100.0	V	-180.0	29.0	4.8	46.0

1GHz ~ 7GHz:

Test Mode	TX Mode 2402 MHz_1Mbps	Polarization	Horizontal
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Radiated emission (1-7GHz) FSV 40



PK

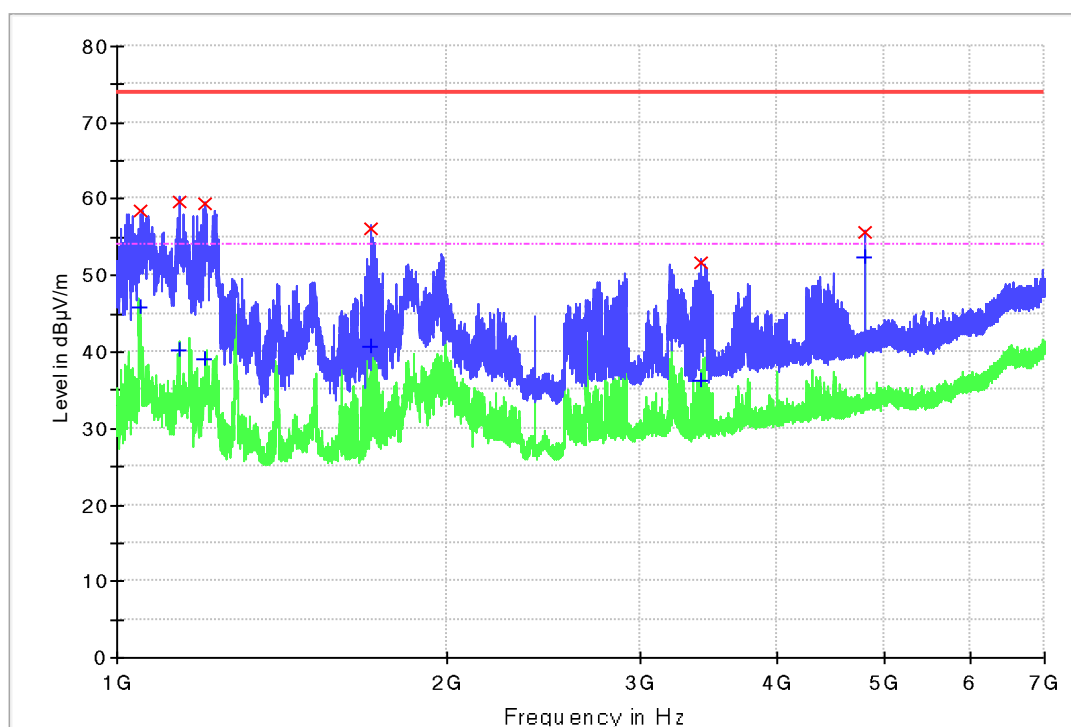
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1181.090909	53.0	1000.000	100.0	V	180.0	-19.5	21.0	74.0
1868.636364	50.0	1000.000	100.0	V	180.0	-18.4	24.1	74.0
2858.363636	51.0	1000.000	100.0	V	180.0	-15.1	23.0	74.0
3429.181818	55.3	1000.000	100.0	V	180.0	-14.8	18.7	74.0
4804.818182	47.2	1000.000	100.0	V	180.0	-11.2	26.8	74.0
6719.363636	50.1	1000.000	100.0	V	180.0	-7.7	23.9	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1181.090909	33.5	1000.000	100.0	V	180.0	-19.5	20.5	54.0
1868.636364	40.2	1000.000	100.0	V	180.0	-18.4	13.8	54.0
2858.363636	36.2	1000.000	100.0	V	180.0	-15.1	17.8	54.0
3429.181818	40.3	1000.000	100.0	V	180.0	-14.8	13.7	54.0
4804.818182	42.6	1000.000	100.0	V	180.0	-11.2	11.5	54.0
6719.363636	40.8	1000.000	100.0	V	180.0	-7.7	13.2	54.0

Test Mode	TX Mode 2402 MHz_1Mbps	Polarization	Vertical
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Radiated emission (1-7GHz) FSV 40



PK

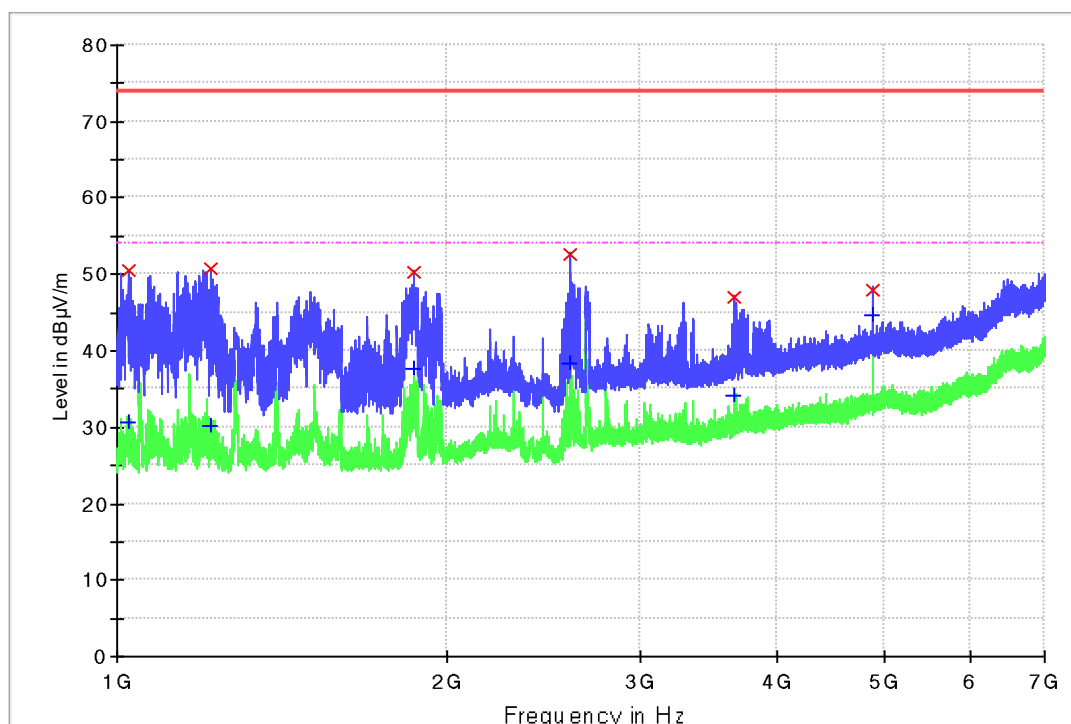
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1051.000000	58.5	1000.000	100.0	H	-180.0	-20.0	15.5	74.0
1141.272727	59.7	1000.000	100.0	H	-180.0	-19.7	14.3	74.0
1204.272727	59.5	1000.000	100.0	H	-180.0	-19.5	14.5	74.0
1700.363636	56.1	1000.000	100.0	H	-180.0	-18.9	17.9	74.0
3401.363636	51.8	1000.000	100.0	H	-180.0	-15.0	22.2	74.0
4804.000000	55.6	1000.000	100.0	H	-180.0	-11.2	18.4	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1051.000000	46.0	1000.000	100.0	H	-180.0	-20.0	8.0	54.0
1141.272727	40.3	1000.000	100.0	H	-180.0	-19.7	13.7	54.0
1204.272727	39.1	1000.000	100.0	H	-180.0	-19.5	14.9	54.0
1700.363636	40.8	1000.000	100.0	H	-180.0	-18.9	13.2	54.0
3401.363636	36.3	1000.000	100.0	H	-180.0	-15.0	17.7	54.0
4804.000000	52.4	1000.000	100.0	H	-180.0	-11.2	1.6	54.0

Test Mode	TX Mode 2440 MHz_1Mbps	Polarization	Horizontal
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Radiated emission (1-7 GHz) FSV 40



PK

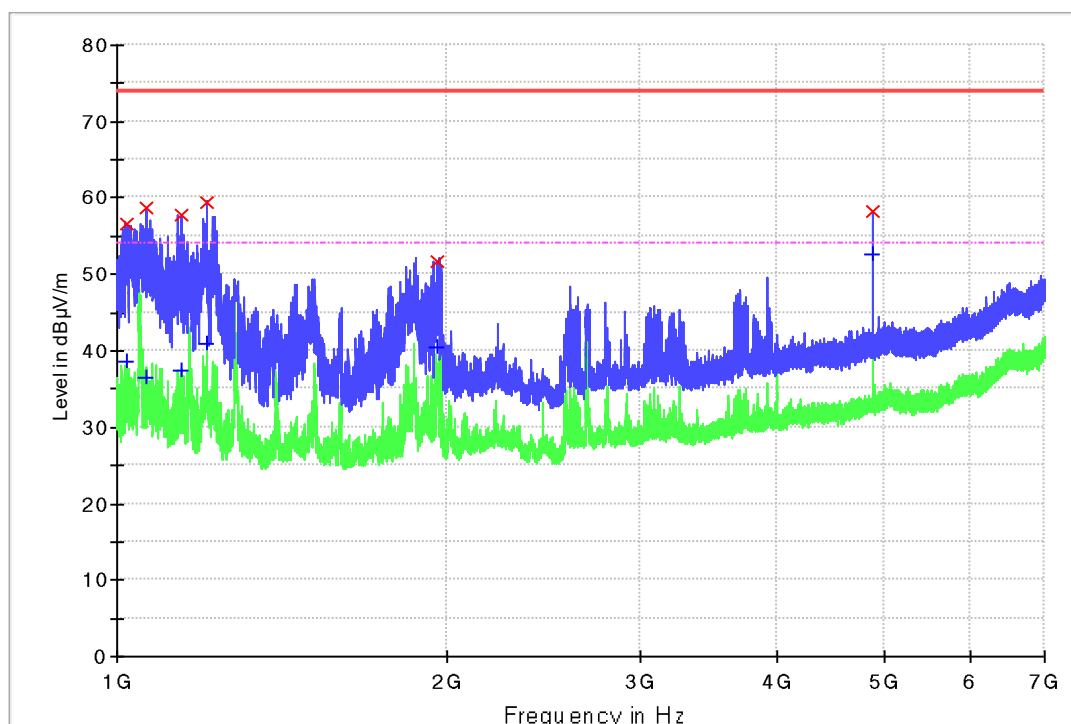
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1025.909091	50.6	1000.000	100.0	V	-180.0	-20.0	23.4	74.0
1216.000000	50.8	1000.000	100.0	V	-180.0	-19.5	23.2	74.0
1866.454546	50.4	1000.000	100.0	V	-180.0	-18.4	23.6	74.0
2582.363636	52.7	1000.000	100.0	V	-180.0	-15.8	21.3	74.0
3653.909091	47.0	1000.000	100.0	V	-180.0	-14.0	27.0	74.0
4879.545455	48.0	1000.000	100.0	V	-180.0	-11.1	26.0	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1025.909091	30.5	1000.000	100.0	V	-180.0	-20.0	23.5	54.0
1216.000000	30.3	1000.000	100.0	V	-180.0	-19.5	23.7	54.0
1866.454546	37.7	1000.000	100.0	V	-180.0	-18.4	16.3	54.0
2582.363636	38.4	1000.000	100.0	V	-180.0	-15.8	15.6	54.0
3653.909091	34.1	1000.000	100.0	V	-180.0	-14.0	19.9	54.0
4879.545455	44.7	1000.000	100.0	V	-180.0	-11.1	9.3	54.0

Test Mode	TX Mode 2440 MHz_1Mbps	Polarization	Vertical
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Radiated emission (1-7 GHz) FSV 40



PK

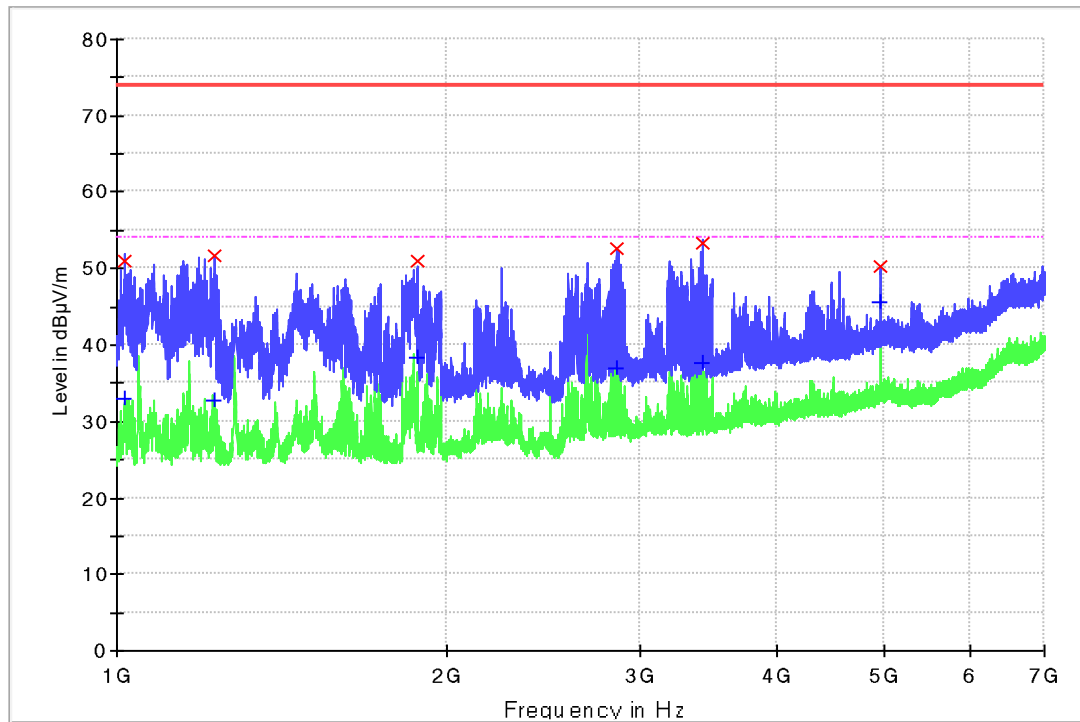
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1021.272727	56.6	1000.000	100.0	H	180.0	-20.0	17.5	74.0
1064.363636	58.8	1000.000	100.0	H	180.0	-20.0	15.2	74.0
1145.909091	57.9	1000.000	100.0	H	180.0	-19.7	16.1	74.0
1205.363636	59.5	1000.000	100.0	H	180.0	-19.5	14.5	74.0
1956.454546	51.6	1000.000	100.0	H	180.0	-18.0	22.4	74.0
4880.363636	58.3	1000.000	100.0	H	180.0	-11.1	15.7	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1021.272727	38.6	1000.000	100.0	H	180.0	-20.0	15.4	54.0
1064.363636	36.6	1000.000	100.0	H	180.0	-20.0	17.4	54.0
1145.909091	37.3	1000.000	100.0	H	180.0	-19.7	16.7	54.0
1205.363636	40.9	1000.000	100.0	H	180.0	-19.5	13.1	54.0
1956.454546	40.6	1000.000	100.0	H	180.0	-18.0	13.4	54.0
4880.363636	52.6	1000.000	100.0	H	180.0	-11.1	1.4	54.0

Test Mode	TX Mode 2480 MHz_1Mbps	Polarization	Horizontal
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Radiated emission (1-7 GHz) FSV 40



PK

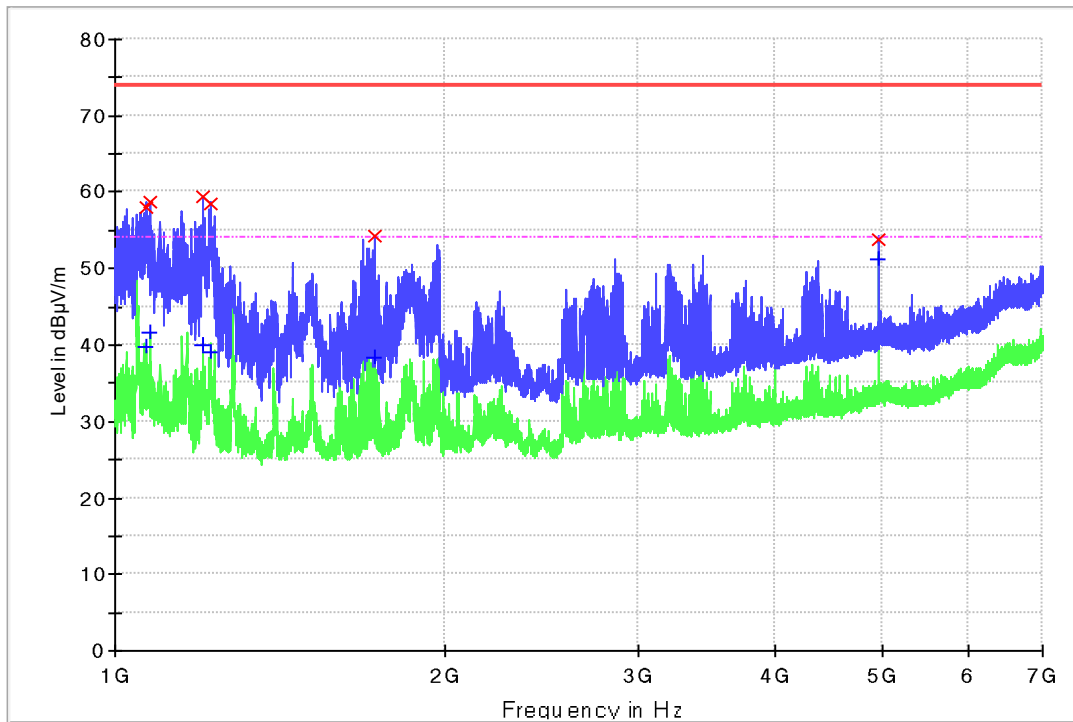
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1015.272727	51.0	1000.000	100.0	V	180.0	-20.1	23.0	74.0
1229.090909	51.8	1000.000	100.0	V	180.0	-19.4	22.2	74.0
1876.000000	50.9	1000.000	100.0	V	180.0	-18.4	23.1	74.0
2857.272727	52.7	1000.000	100.0	V	180.0	-15.1	21.3	74.0
3412.545455	53.4	1000.000	100.0	V	180.0	-14.9	20.6	74.0
4959.181818	50.2	1000.000	100.0	V	180.0	-11.0	23.8	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1015.272727	33.0	1000.000	100.0	V	180.0	-20.1	21.0	54.0
1229.090909	32.7	1000.000	100.0	V	180.0	-19.4	21.3	54.0
1876.000000	38.3	1000.000	100.0	V	180.0	-18.4	15.7	54.0
2857.272727	36.9	1000.000	100.0	V	180.0	-15.1	17.1	54.0
3412.545455	37.7	1000.000	100.0	V	180.0	-14.9	16.3	54.0
4959.181818	45.6	1000.000	100.0	V	180.0	-11.0	8.4	54.0

Test Mode	TX Mode 2480 MHz_1Mbps	Polarization	Vertical
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Radiated emission (1-7GHz) FSV 40



PK

Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1067.363636	58.1	1000.000	100.0	H	-180.0	-19.9	16.0	74.0
1076.636364	58.8	1000.000	100.0	H	-180.0	-19.9	15.2	74.0
1202.363636	59.4	1000.000	100.0	H	-180.0	-19.5	14.6	74.0
1224.181818	58.6	1000.000	100.0	H	-180.0	-19.4	15.4	74.0
1722.727273	54.4	1000.000	100.0	H	-180.0	-18.8	19.6	74.0
4960.272727	53.8	1000.000	100.0	H	-180.0	-11.0	20.2	74.0

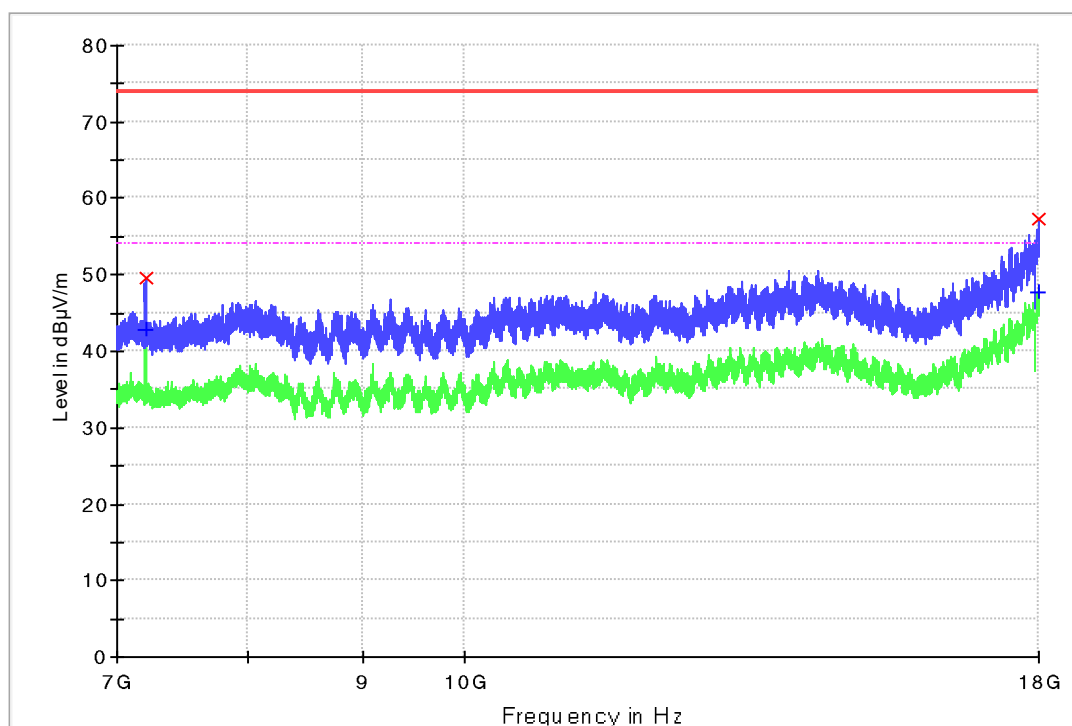
AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1067.363636	39.8	1000.000	100.0	H	-180.0	-19.9	14.2	54.0
1076.636364	41.6	1000.000	100.0	H	-180.0	-19.9	12.4	54.0
1202.363636	40.0	1000.000	100.0	H	-180.0	-19.5	14.0	54.0
1224.181818	39.1	1000.000	100.0	H	-180.0	-19.4	14.9	54.0
1722.727273	38.3	1000.000	100.0	H	-180.0	-18.8	15.7	54.0
4960.272727	51.3	1000.000	100.0	H	-180.0	-11.0	2.7	54.0

7GHz ~ 18GHz:

Test Mode	TX Mode 2402 MHz_1Mbps	Polarization	Horizontal
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Radiated emission (7-18GHz) FSV 40



PK

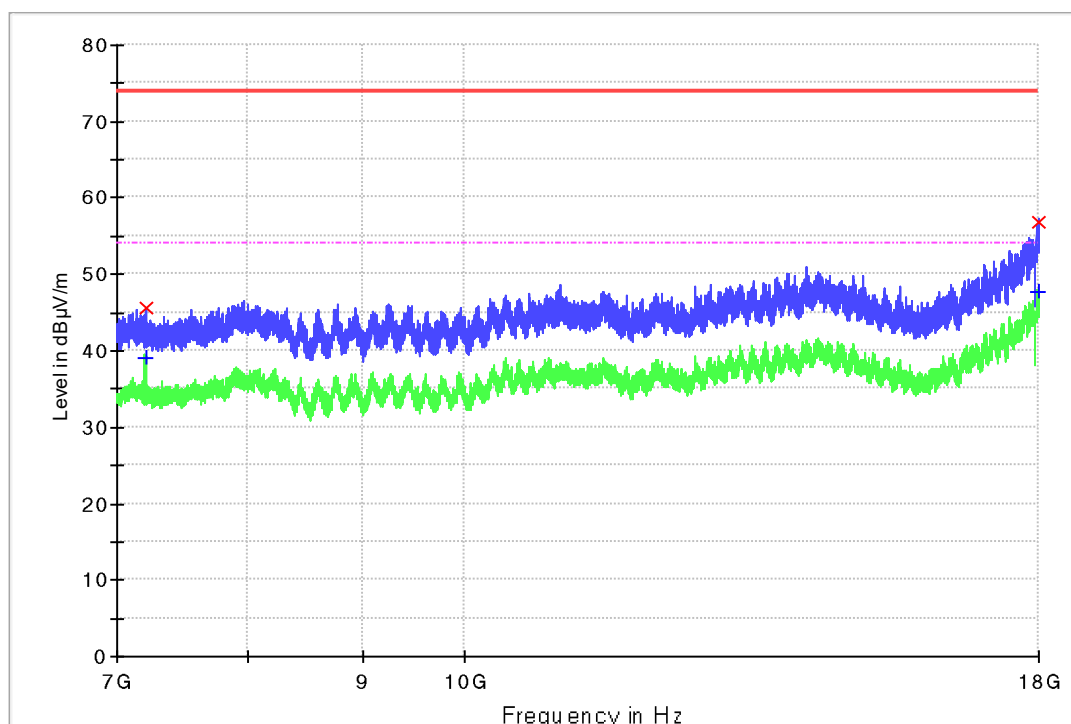
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
7206.250000	49.7	1000.000	100.0	V	-180.0	-5.9	24.3	74.0
17988.656250	57.2	1000.000	100.0	V	-180.0	11.9	16.8	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
7206.250000	42.8	1000.000	100.0	V	-180.0	-5.9	11.2	54.0
17988.656250	47.7	1000.000	100.0	V	-180.0	11.9	6.3	54.0

Test Mode	TX Mode 2402 MHz_1Mbps	Polarization	Vertical
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Radiated emission (7-18GHz) FSV 40



PK

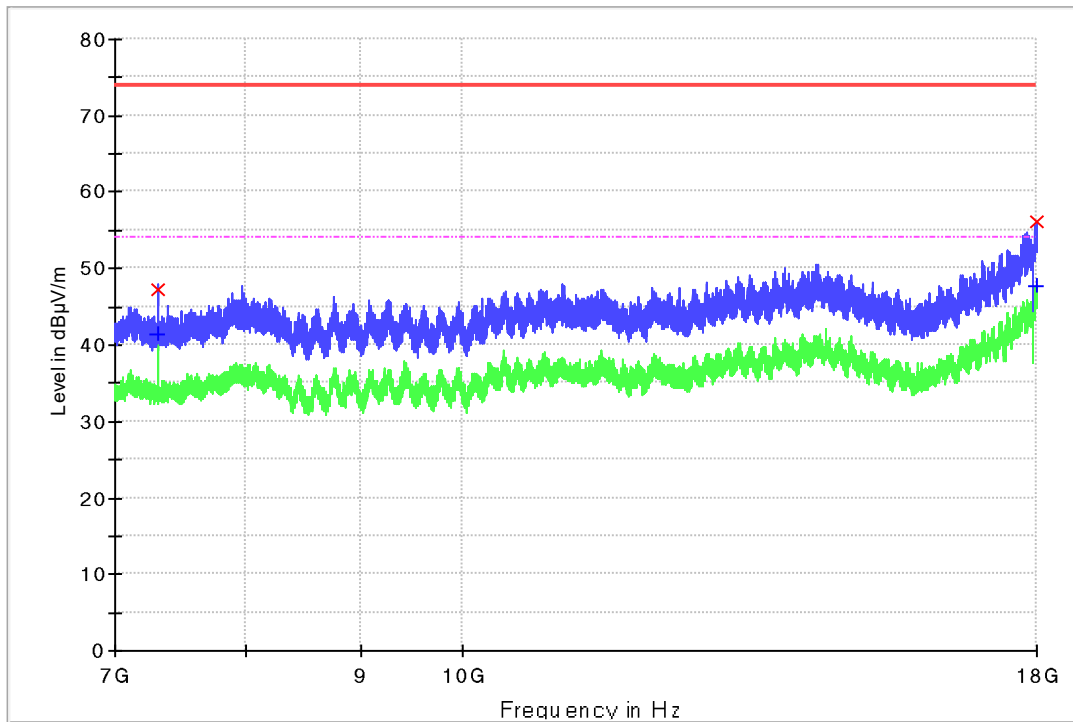
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
7206.250000	45.7	1000.000	100.0	H	180.0	-5.9	28.3	74.0
17985.218750	56.9	1000.000	100.0	H	180.0	11.9	17.1	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
7206.250000	39.1	1000.000	100.0	H	180.0	-5.9	14.9	54.0
17985.218750	47.7	1000.000	100.0	H	180.0	11.9	6.3	54.0

Test Mode	TX Mode 2440 MHz_1Mbps	Polarization	Horizontal
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Radiated emission (7-18GHz) FSV 40



PK

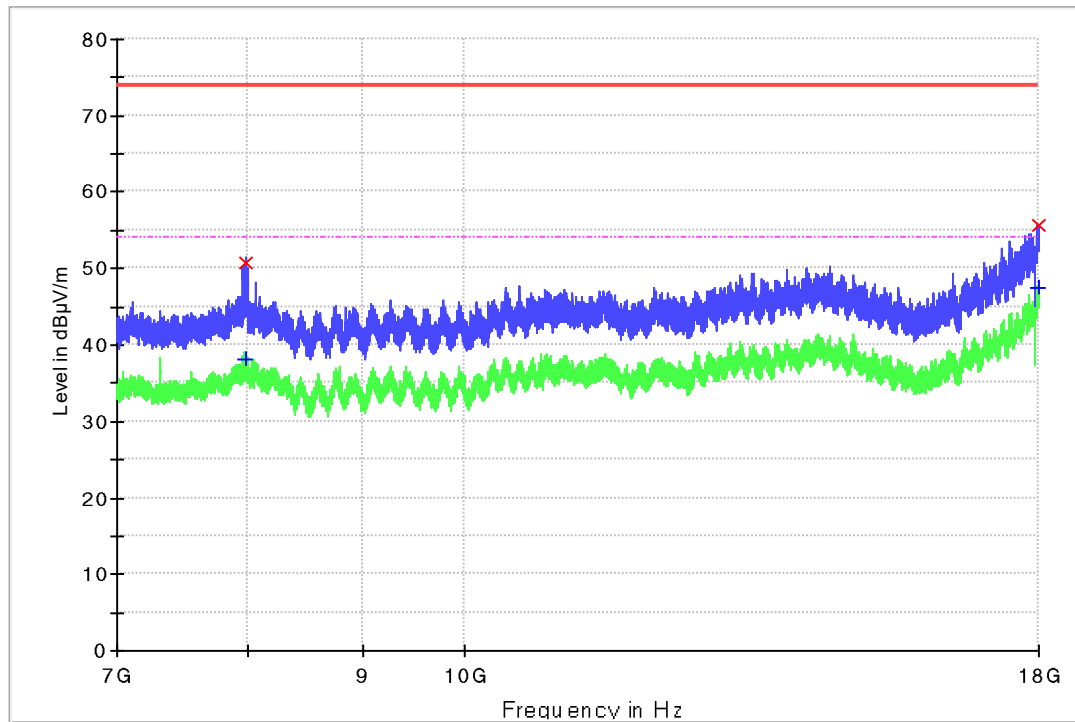
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
7320.375000	47.3	1000.000	100.0	V	180.0	-6.3	26.7	74.0
17984.187500	56.2	1000.000	100.0	V	180.0	11.8	17.8	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
7320.375000	41.4	1000.000	100.0	V	180.0	-6.3	12.6	54.0
17984.187500	47.7	1000.000	100.0	V	180.0	11.8	6.3	54.0

Test Mode	TX Mode 2440 MHz_1Mbps	Polarization	Vertical
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Radiated emission (7-18GHz) FSV 40



PK

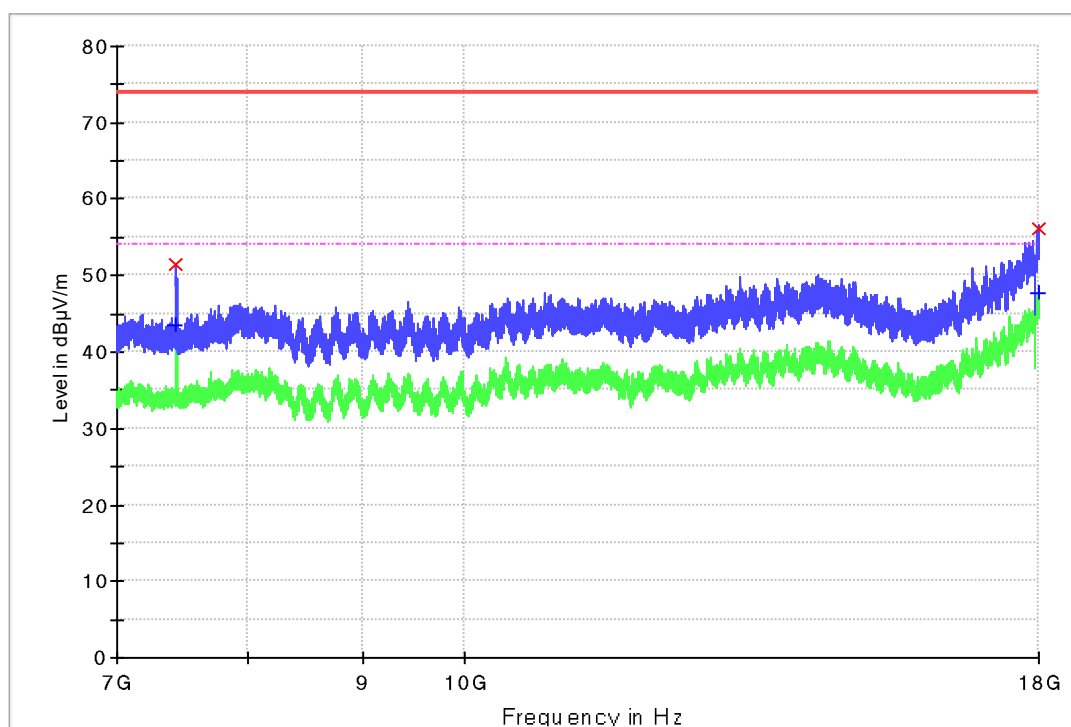
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
7988.281250	50.9	1000.000	100.0	H	-180.0	-3.3	23.2	74.0
17987.281250	55.7	1000.000	100.0	H	-180.0	11.9	18.4	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
7988.281250	38.1	1000.000	100.0	H	-180.0	-3.3	15.9	54.0
17987.281250	47.6	1000.000	100.0	H	-180.0	11.9	6.4	54.0

Test Mode	TX Mode 2480 MHz_1Mbps	Polarization	Horizontal
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Radiated emission (7-18GHz) FSV 40



PK

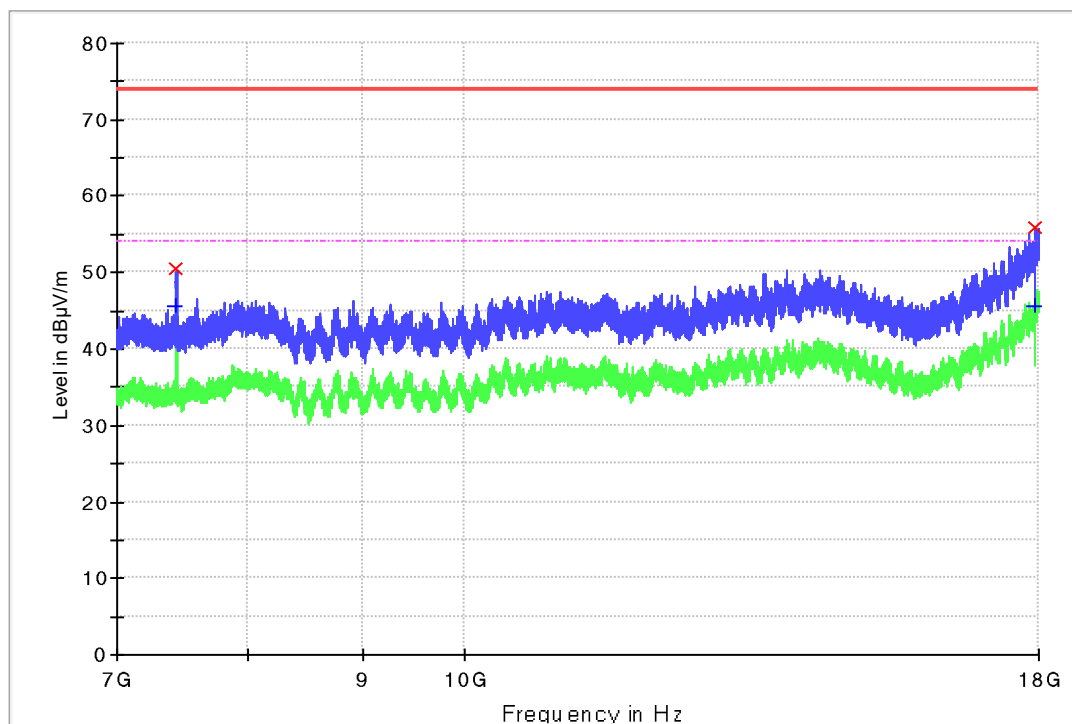
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
7438.968750	51.4	1000.000	100.0	V	-180.0	-5.8	22.6	74.0
17985.562500	56.1	1000.000	100.0	V	-180.0	11.9	17.9	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
7438.968750	43.5	1000.000	100.0	V	-180.0	-5.8	10.5	54.0
17985.562500	47.7	1000.000	100.0	V	-180.0	11.9	6.4	54.0

Test Mode	TX Mode 2480 MHz_1Mbps	Polarization	Vertical
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Radiated emission (7-18GHz) FSV 40



PK

Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
7439.312500	50.4	1000.000	100.0	H	180.0	-5.8	23.6	74.0
17945.000000	55.9	1000.000	100.0	H	180.0	11.2	18.1	74.0

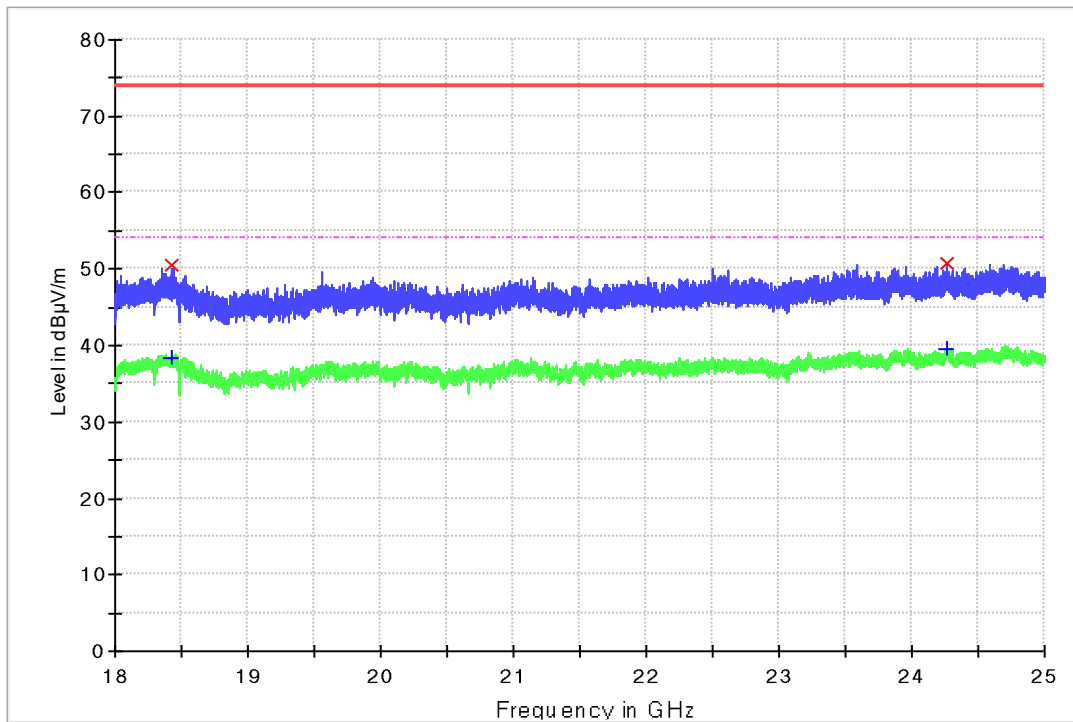
AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
7439.312500	45.6	1000.000	100.0	H	180.0	-5.8	8.4	54.0
17945.000000	45.5	1000.000	100.0	H	180.0	11.2	8.5	54.0

18GHz ~ 25GHz:

Test Mode	TX Mode 2402 MHz_1Mbps	Polarization	Horizontal
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RE_18-40GHz_9170_FSV40_Pre



PK

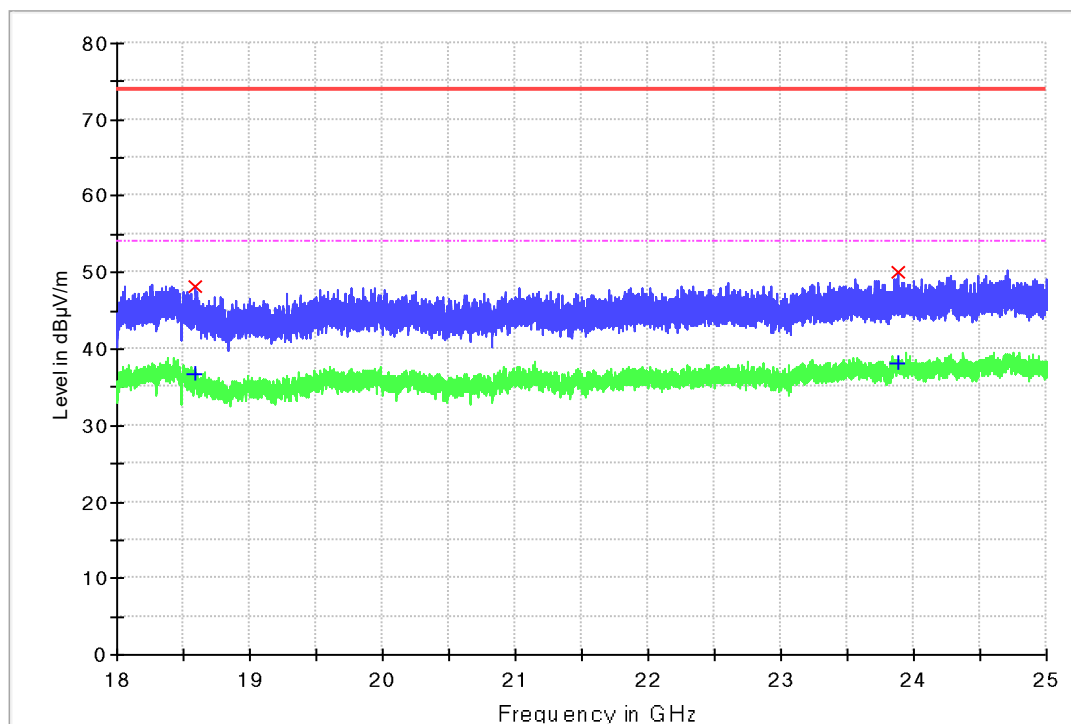
Frequency (MHz)	MaxPeak (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
18427.437500	50.5	1000.000	150.0	H	-180.0	-6.8	23.5	74.0
24268.718750	50.8	1000.000	150.0	H	-180.0	-1.5	23.2	74.0

AV

Frequency (MHz)	Average (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
18427.437500	38.3	1000.000	150.0	H	-180.0	-6.8	15.7	54.0
24268.718750	39.6	1000.000	150.0	H	-180.0	-1.5	14.5	54.0

Test Mode	TX Mode 2480 MHz_1Mbps	Polarization	Vertical
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RE_18-40GHz_9170_FSV40_Pre



PK

Frequency (MHz)	MaxPeak (dBμV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)
18595.437500	48.2	1000.000	150.0	V	-180.0	-6.8	25.8	74.0
23879.781250	50.1	1000.000	150.0	V	-180.0	-1.7	23.9	74.0

AV

Frequency (MHz)	Average (dBμV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBμV/m)
18595.437500	36.7	1000.000	150.0	V	-180.0	-6.8	17.3	54.0
23879.781250	38.1	1000.000	150.0	V	-180.0	-1.7	15.9	54.0