

Prüfbericht-Nr.: <i>Test Report No.:</i>	16083659 001	Auftrags-Nr.: <i>Order No.:</i>	174065821	Seite 1 von 29 <i>Page 1 of 29</i>
Kunden-Referenz-Nr.: <i>Client Reference No.:</i>	440253	Auftragsdatum: <i>Order date.:</i>	11 May, 2017	
Auftraggeber: <i>Client:</i>	Dongguan Alllike Electronics Co., Ltd. Chuanacha Development Zone, Machong Town 523141 P.R. China			
Prüfgegenstand: <i>Test item:</i>	Multifunctional Integrated Table Refrigerator	FCC ID: <i>FCC ID:</i>	BUQ-SOCTB300	
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	SOCTB300XXXXXX (Variable X can be "A" to "Z" or "0" to "9" or blank)			
Auftrags-Inhalt: <i>Order content:</i>	TUV Rheinland - EMC service			
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 15: Subpart C Section 15.247 CFR47 FCC Part 15: Subpart C Section 15.207 CFR47 FCC Part 15: Subpart C Section 15.209 FCC KDB Publication 447498 D01 v06			
Wareneingangsdatum: <i>Date of receipt:</i>	11 May, 2017			
Prüfmuster-Nr.: <i>Test sample No.:</i>	A000542369-001			
Prüfzeitraum: <i>Testing period:</i>	Refer to test report			
Ort der Prüfung: <i>Place of testing:</i>	Refer to section 2.1			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Guangdong) Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von / tested by:		kontrolliert von / reviewed by:		
				
10 Jul, 2017 Storm Shu / Assistant Project Manager		10 Jul, 2017 Max Y. C. Yao/ TC		
Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>
Sonstiges / Other:				
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>		Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged:</i>		
* Legende: 1 = sehr gut 2 = gut 3 = befriedigend P(ass) = entspricht o.g. Prüfgrundlage(n)		4 = ausreichend 5 = mangelhaft N/A = nicht anwendbar N/T = nicht getestet		
Legend: 1 = very good 2 = good 3 = satisfactory P(ass) = passed a.m. test specifications(s)		4 = sufficient 5 = poor N/A = not applicable N/T = not tested		
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

Test Summary

5.1.1 ANTENNA REQUIREMENT

RESULT: *Passed*

5.1.2 PEAK OUTPUT POWER

RESULT: *Passed*

5.1.3 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 kHz BANDWIDTH

RESULT: *Passed*

5.1.4 SPURIOUS EMISSION

RESULT: *Passed*

5.1.5 20dB BANDWIDTH

RESULT: *Passed*

5.1.6 FREQUENCY SEPARATION

RESULT: *Passed*

5.1.7 NUMBER OF HOPPING FREQUENCY

RESULT: *Passed*

5.1.8 TIME OF OCCUPANCY

RESULT: *Passed*

5.1.9 CONDUCTED EMISSIONS

RESULT: *Passed*

6.1.1 ELECTROMAGNETIC FIELDS

RESULT: *Passed*

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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 1: Test result

2 Test Sites

2.1 Test Facilities

BZT Testing Technology Co., Ltd

Buliding 17,Xinghua Road Xingwei industrial Park Fuyong,Baoan District,
Shenzhen,Guangdong,China

The tests at these test sites have been conducted under the supervision of a TÜV Rheinland engineer.

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
carrier frequencies separated/ hopping channel number/ dwell time/ maximum peak output power/100kHz bandwidth of frequency band edge/ Spurious Emissions at Antenna Port/ Restricted Bands				
Spectrum Analyzer	Agilent	E4407B	MY50140340	2017-10-22
Conducted Emissions				
EMI Receiver	R&S	ESCI	100529	2018-03-24
L.I.S.N	SCHWARZBECK	NSLK 8127	8127450	2018-08-18
Radiated Spurious Emissions				
Receiver	R&S	ESU26	100526	2018-03-08
Loop antenna	R&S	HFH2-Z2	881058/58	2018-04-17
Biconical Log-periodic Antenna	ETS.LINDGREN	3142C	00075971	2018-04-17
Horn antenna	SCHWARZBECK	BBHA9120D	D752	2018-03-03
Biconical Log-periodic Antenna	TESEQ	CBL6111D	45873	2017-10-24
Horn Antenna	Schwarzbeck	BBHA 9120D	9120D-1344	2018-03-06
Per-Amplifier (0.1-26.5GHz)	Compliance Directions systems Inc.	PAP-0126	25002	2018-01-03

2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, 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

Uncertainty for conducted emissions measurements is 2.40dB.

Uncertainty for radiated emissions measurements is 4.40dB (30M-1GHz) and 4.40dB (> 1GHz).

The reported expanded uncertainty is based on a standard uncertainty multiply by a coverage factor $k=2$, providing a level of confidence of approximately 95%.

2.6 Location of original data

The original copies of test data taken during actual testing were attached at Appendix 1 of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Guangdong) file for certification follow-up purposes.

2.7 Status of facility used for testing

BZT Testing Technology Co., Ltd

Buliding 17,Xinghua Road Xingwei industrial Park Fuyong,Baoan District,

3 General Product Information

3.1 Product Function and Intended Use

The submitted sample SOCTB300XXXXXX is Multifunctional Integrated Table Refrigerator for household use. They can be used in following electromagnetic environment: residential, commercial and light industrial, urban outdoors. They are the apparatus intended for floor standing.

SOCTB300XXXXXX

- 1) The first and second
 - 2) The third and fourth "XX" denotes the table glass COLOR ;
 - 3) The last two "XX" denotes table version,
e.g. Selling Country/Market, different packaging or the special code and so on.
- *** ALL "XXXXXX" can be changed to any alphabets from "A" to "Z", or any Numbers from "0" to "9", or with BLANKS marks directly if unnecessary.

According to the above information, full tests were performed on model **SOCTB300WHBK**.

3.2 Ratings and System Details

Table 2: Rating of EUT

Kind of Equipment	Multifunctional Integrated Table Refrigerator
Type Designation	SOCTB300XXXXXX
FCC ID	BUQ-SOCTB300

Table 3: Technical Specification of Bluetooth (BDR & EDR)

Technical Specification	Value
Operating Frequency band	2402 – 2480 MHz
Bluetooth Core Version	2.1+EDR
Channel separation	1MHz
Extreme Temperature Range	-10°C to +40°C
Operation Voltage	100~240Vac, 50/60Hz;
Modulation	GFSK, 8DPSK, $\pi/4$ DQPSK
Antenna Type	Internal Antenna, Non-User Replaceable
Antenna Gain	0 dBi
RF Output Power	0dBm

Table 4: RF channel and frequency of Bluetooth (BDR & EDR mode)

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
0	2402.00	20	2422.00	40	2442.00	60	2462.00
1	2403.00	21	2423.00	41	2443.00	61	2463.00
2	2404.00	22	2424.00	42	2444.00	62	2464.00
3	2405.00	23	2425.00	43	2445.00	63	2465.00
4	2406.00	24	2426.00	44	2446.00	64	2466.00
5	2407.00	25	2427.00	45	2447.00	65	2467.00
6	2408.00	26	2428.00	46	2448.00	66	2468.00
7	2409.00	27	2429.00	47	2449.00	67	2469.00
8	2410.00	28	2430.00	48	2450.00	68	2470.00
9	2411.00	29	2431.00	49	2451.00	69	2471.00
10	2412.00	30	2432.00	50	2452.00	70	2472.00
11	2413.00	31	2433.00	51	2453.00	71	2473.00
12	2414.00	32	2434.00	52	2454.00	72	2474.00
13	2415.00	33	2435.00	53	2455.00	73	2475.00
14	2416.00	34	2436.00	54	2456.00	74	2476.00
15	2417.00	35	2437.00	55	2457.00	75	2477.00
16	2418.00	36	2438.00	56	2458.00	76	2478.00
17	2419.00	37	2439.00	57	2459.00	77	2479.00
18	2420.00	38	2440.00	58	2460.00	78	2480.00
19	2421.00	39	2441.00	59	2461.00	/	/

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, Traditional Bluetooth
 - 1. Transmitting on low channel
 - 2. Transmitting on middle channel
 - 3. Transmitting on high channel
- B. On, Traditional Bluetooth on Hopping channel
- C. On, Bluetooth connecting mode
- D. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.5 Submitted Documents

- 1. Block Diagram
- 2. Circuit Diagram
- 3. Operation Description
- 4. PCB Layout
- 5. BOM
- 6. FCC label and location
- 7. User Manual
- 8. Internal Photos
- 9. External Photos
- 10. Application form

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

Test operation refers to test setup in chapter 5.
All testing were performed according to the procedures in ANSI C63.4: 2014 & ANSI C63.10: 2013.

4.3 Special Accessories and Auxiliary Equipment

The product has been tested together with the following additional accessories:

Kind of Equipment	Manufacturer	Model Name	S/N
Notebook	Lenovo	E46A	EB24320428
AC/DC Adapter	Yingna	YN6W-050100UU	/
iPhone	Apple	A1586	/

4.4 Countermeasures to achieve EMC Compliance

The test sample, which has been tested, contained the noise suppression parts as described in the technical document. No additional measures were employed to achieve compliance.

4.5 Test set-up

Diagram of Measurement Configuration for Radiation Test

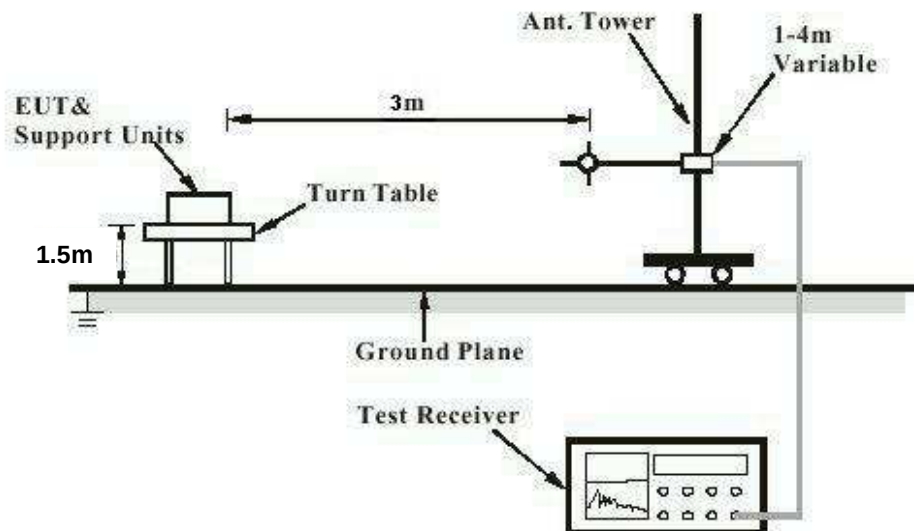


Diagram of Measurement Configuration for Mains Conduction Measurement

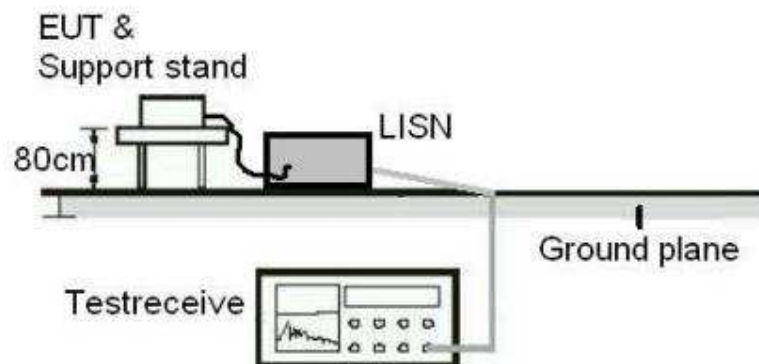
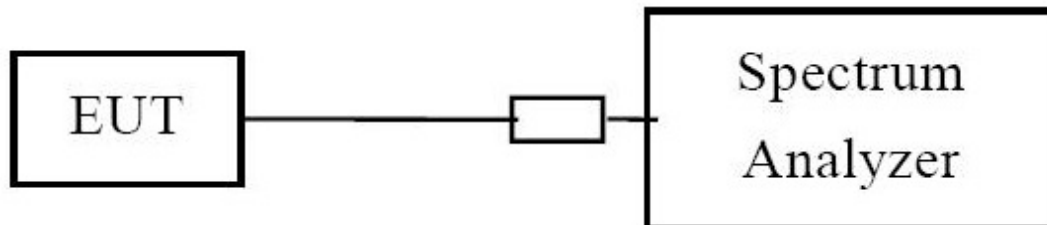


Diagram of Measurement Configuration for Conducted Transmitter Measurement



5 Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT: **Passed**

Test Specification

Test standard	: FCC Part 15.247(b)(4) and Part 15.203
Limits	: the use of antennas with directional gains that do not exceed 6 dBi

According to the manufacturer declared, the EUT has an internal antenna, the directional gain of antenna is 0 dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement.

Therefore the EUT is considered sufficient to comply with the provision.

For more details, refer to EUT photo.

5.1.2 Peak Output Power

RESULT:

Passed

Test Specification

Test standard	: FCC Part 15.247(b)(1) & (b)(3)
Basic standard	: ANSI C63.10: 2013
Limits	: BDR/ EDR: 0.125 Watts
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 02 Jul, 2017
Power supply	: AC 120V
Operation mode	: A (See 3.3)
Test channel	: Low / Middle / High
Ambient temperature	: 23.2 °C
Relative Humidity	: 55 %
Atmospheric pressure	: 101 kPa

Table 5: Test result of Peak Output Power, GFSK

Channel	Channel Frequency (MHz)	Peak Output Power		Limit (W)
		(dBm)	(W)	
Low Channel	2402	-1.271	0.00075	0.125
Middle Channel	2441	-2.059	0.00062	0.125
High Channel	2480	-4.342	0.00037	0.125

Table 6: Test result of Peak Output Power, $\pi/4$ DQPSK

Channel	Channel Frequency (MHz)	Peak Output Power		Limit (W)
		(dBm)	(W)	
Low Channel	2402	-1.166	0.00076	0.125
Middle Channel	2441	-2.042	0.00062	0.125
High Channel	2480	-4.397	0.00036	0.125

Table 7: Test result of Peak Output Power, 8DPSK

Channel	Channel Frequency (MHz)	Peak Output Power		Limit (W)
		(dBm)	(W)	
Low Channel	2402	-1.146	0.00077	0.125
Middle Channel	2441	-2.071	0.00062	0.125
High Channel	2480	-4.383	0.00036	0.125

5.1.3 Conducted Spurious Emissions Measured in 100 kHz Bandwidth

RESULT:

Passed

Test Specification

Test standard	: FCC Part 15.247(d)
Basic standard	: ANSI C63.10: 2013
Limits	: 20dB (below that in the 100kHz bandwidth within the band that contains the highest level of the desired power);

In addition, radiated emissions which fall in the restricted bands, must also comply with the radiated emission limits specified in 15.209(a)

Kind of test site	: Shielded Room
-------------------	-----------------

Test Setup

Date of testing	: 02 Jul, 2017
Power supply	: 120Vac, 60Hz
Operation mode	: A (See 3.3)
Test channel	: Low / Middle / High
Ambient temperature	: 23.2 °C
Relative Humidity	: 61 %
Atmospheric pressure	: 101 kPa

All emissions are more than 20dB below fundamental, compliance is achieved as well.

For the measurement records, refer to the appendix 1.

5.1.4 Spurious Emission

RESULT:

Passed

Test Specification

Test standard	: FCC Part 15.247(d), FCC Part 15.205
Basic standard	: ANSI C63.10: 2013
Limits	: Refer to 15.209(a) of FCC part 15.247(d)
Kind of test site	: 3m Semi-anechoic chamber

Test Setup

Date of testing	: Refer to the appendix 1.
Power supply	: 120Vac, 60Hz
Operation mode	: A(See 3.3)
Test channel	: Low / Middle / High
Ambient temperature	: Refer to the appendix 1.
Relative Humidity	: Refer to the appendix 1.
Atmospheric pressure	: Refer to the appendix 1.

Remark:

During the pretest the EUT was rotated through three orthogonal axes to determine the attitude that maximizes the emissions. After that the EUT was manually handled to find the orientation that has the maximum emission, which is the orientation shown in the test setup photos.

Testing was carried out within frequency range 9kHz to the tenth harmonic. For details refer to appendix 1. The Radiated Emissions testing was performed in the X, Y and Z axis orientation. The worst-case Axis orientation is recorded in this test report. Due to the small size of the product and that there are no inductive components of significant size, 9kHz to 30MHz frequency range is not tested based on technical judgment.

The band-edge emissions were lowest as data in appendix1, so it were not reported.

For the measurement records, refer to the appendix 1.

5.1.5 20dB Bandwidth

RESULT:

Passed

Test Specification

Test standard	: FCC Part 15.247(a)(1)
Basic standard	: ANSI C63.10: 2013
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 02 Jul, 2017
Power supply	: 120Vac, 60Hz
Operation mode	: A (See 3.3)
Test channel	: Low / Middle / High
Ambient temperature	: 25 °C
Relative Humidity	: 55 %
Atmospheric pressure	: 101 kPa

Table 8: Test result of 20dB Bandwidth, GFSK mode

Channel	Channel Frequency (MHz)	20dB Bandwidth (kHz)	Limit (MHz)	Result
Low Channel	2402	839.7	/	Pass
Mid Channel	2441	839.7	/	Pass
High Channel	2480	838.0	/	Pass

Table 9: Test result of 20dB Bandwidth, $\pi/4$ DQPSK

Channel	Channel Frequency (MHz)	20dB Bandwidth (kHz)	Limit (MHz)	Result
Low Channel	2402	1345.0	/	Pass
Mid Channel	2441	1345.0	/	Pass
High Channel	2480	1340.0	/	Pass

Table 10: Test result of 20dB Bandwidth, 8DPSK

Channel	Channel Frequency (MHz)	20dB Bandwidth (kHz)	Limit (MHz)	Result
Low Channel	2402	1348.0	/	Pass
Mid Channel	2441	1345.0	/	Pass
High Channel	2480	1343.0	/	Pass

5.1.6 Frequency Separation

RESULT:

Passed

Test Specification

Test standard : FCC Part 15.247(a)(1)
Basic standard : ANSI C63.10: 2013
Limits : $\geq 25\text{kHz}$ or $2/3$ of 20dB bandwidth, whichever is greater
Kind of test site : Shielded Room

Test Setup

Date of testing : 02 Jul, 2017
Power supply : 120Vac, 60Hz
Operation mode : A (See 3.3)
Test channel : Low / Middle / High
Ambient temperature : 23.2 °C
Relative Humidity : 55 %
Atmospheric pressure : 101 kPa

Table 11: Test result of Frequency Separation

Channel	Channel Frequency (MHz)	Measured Channel Separation (MHz)	Limit (kHz)	Result
Low Channel	2402	1.0	≥ 25kHz or 2/3 of 20dB bandwidth	Pass
Adjacency Channel	2403			
Mid Channel	2441	1.0		Pass
Adjacency Channel	2442			
High Channel	2480	1.0		Pass
Adjacency Channel	2479			

5.1.7 Number of Hopping Frequency

RESULT:

Passed

Test Specification

Test standard : FCC part 15.247(a)(1)(iii)
Basic standard : ANSI C63.10: 2013
Limits : ≥ 15 non-overlapping channels
Kind of test site : Shielded Room

Test Setup

Date of testing : 02 Jul, 2017
Power supply : 120Vac, 60Hz
Operation mode : B (See 3.3)
Ambient temperature : 23.2 °C
Relative Humidity : 61 %
Atmospheric pressure : 101 kPa

Table 12: Test result of Number of hopping frequency

Frequency Range	Measured Quantity of Hopping Channel	Limit	Result
<u>2400</u> to <u>2483.5</u> MHz	79	≥ 15	Pass

5.1.8 Time of Occupancy

RESULT:

Passed

Test Specification

Test standard : FCC part 15.247(a)(1)(iii)
Basic standard : ANSI C63.10: 2013
Limits : 0.4s
Kind of test site : Shielded Room

Test Setup

Date of testing : 02 Jun, 2017
Power supply : 120Vac, 60Hz
Operation mode : A (See 3.3)
Test channel : Low / Middle / High
Ambient temperature : 23.2 °C
Relative Humidity : 61 %
Atmospheric pressure : 101 kPa

Table 13: Test result of Time of Occupancy, 8DPSK mode

Channel	Data Mode	Pulse width (ms)	Measured Dwell time (s)	Limit (s)	Result
Low Channel	DH1	0.38	0.122	0.4	Pass
	DH3	1.64	0.262	0.4	Pass
	DH5	2.89	0.308	0.4	Pass
Mid Channel	DH1	0.38	0.122	0.4	Pass
	DH3	1.64	0.262	0.4	Pass
	DH5	2.89	0.308	0.4	Pass
High Channel	DH1	0.38	0.122	0.4	Pass
	DH3	1.64	0.262	0.4	Pass
	DH5	2.89	0.308	0.4	Pass

Table 14: Test result of Time of Occupancy, GFSK mode

Channel	Data Mode	Pulse width (ms)	Measured Dwell time (s)	Limit (s)	Result
Low Channel	DH1	0.37	0.118	0.4	Pass
	DH3	1.63	0.261	0.4	Pass
	DH5	2.88	0.307	0.4	Pass
Mid Channel	DH1	0.37	0.118	0.4	Pass
	DH3	1.63	0.261	0.4	Pass
	DH5	2.88	0.307	0.4	Pass
High Channel	DH1	0.37	0.118	0.4	Pass
	DH3	1.63	0.261	0.4	Pass
	DH5	2.88	0.307	0.4	Pass

Note:

Dwell time = Pulse width x (Hopping rate / Number of channels) x Period

Period = 0.4 (seconds/ channel) x 79 (channel) = 31.6 seconds

5.1.9 Conducted Emissions

RESULT:

Passed

Test Specification

Test standard	: FCC part 15.207
Basic standard	: ANSI C63.4: 2014
Frequency range	: 0.15 – 30MHz
Limits	: FCC Part 15.207(a)
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 02 Jul, 2017
Power supply	: 120Vac, 60Hz
Operation mode	: D (See 3.3)
Earthing	: Not connected
Ambient temperature	: 23.2 °C
Relative Humidity	: 61 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix 1.

6 Safety Human exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT:

Passed

Test Specification

Test standard : FCC KDB Publication 447498 v06

The minimum distance for the EUT is less than 5mm.
Since maximum peak output power of the transmitter is 1mW <10 mW.

Hence the EUT is excluded from SAR evaluation according to FCC KDB Publication 447498 D01 General RF Exposure Guidance v06.

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Prüfbericht - Nr.:

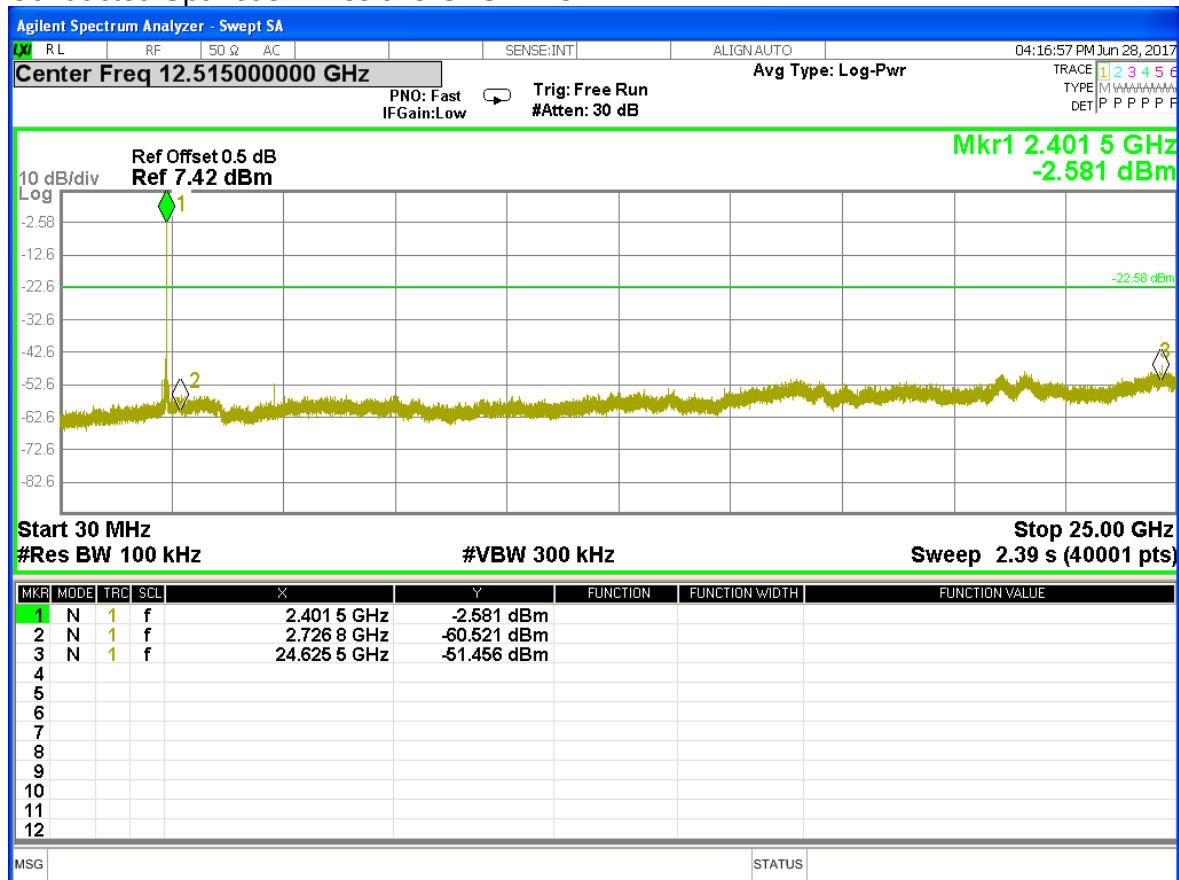
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Prüfbericht - Nr.:

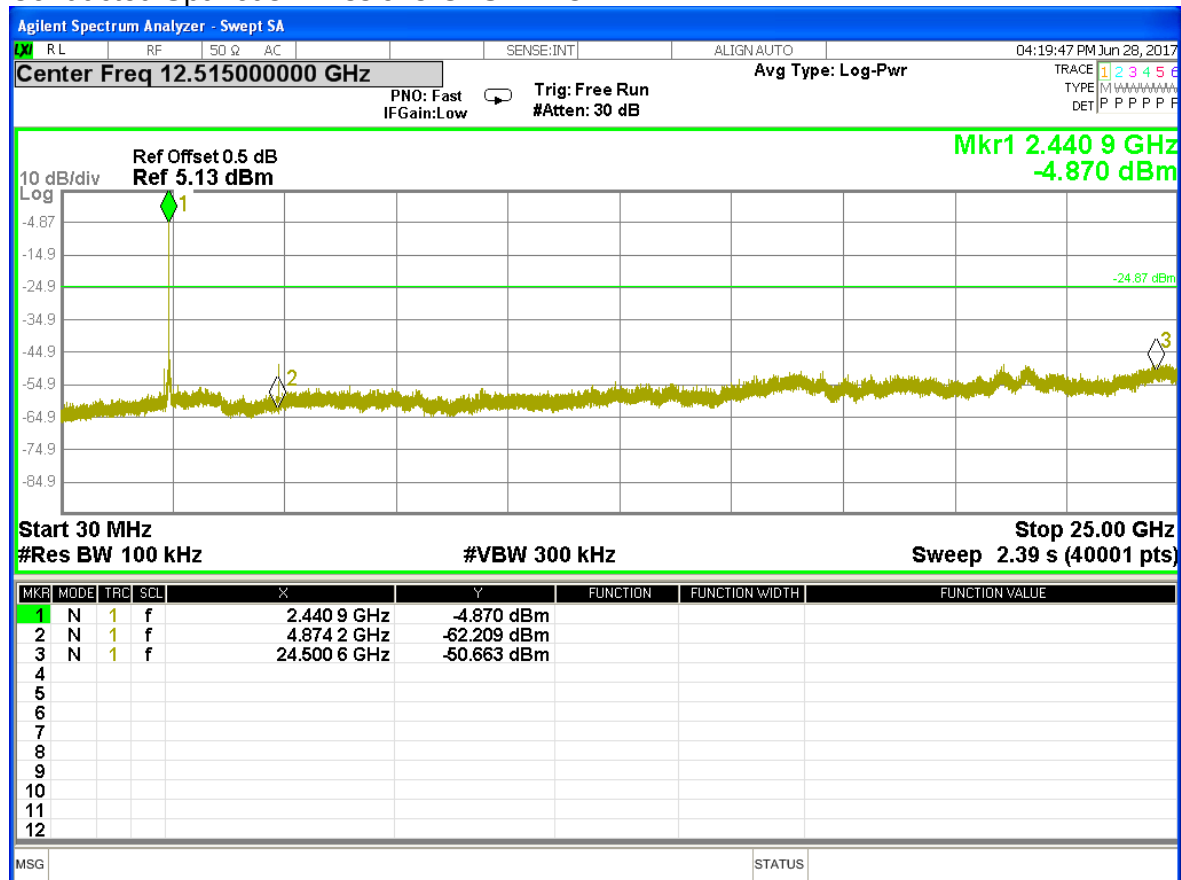
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Conducted Spurious Emissions-GFSK-M CH



Prüfbericht - Nr.:

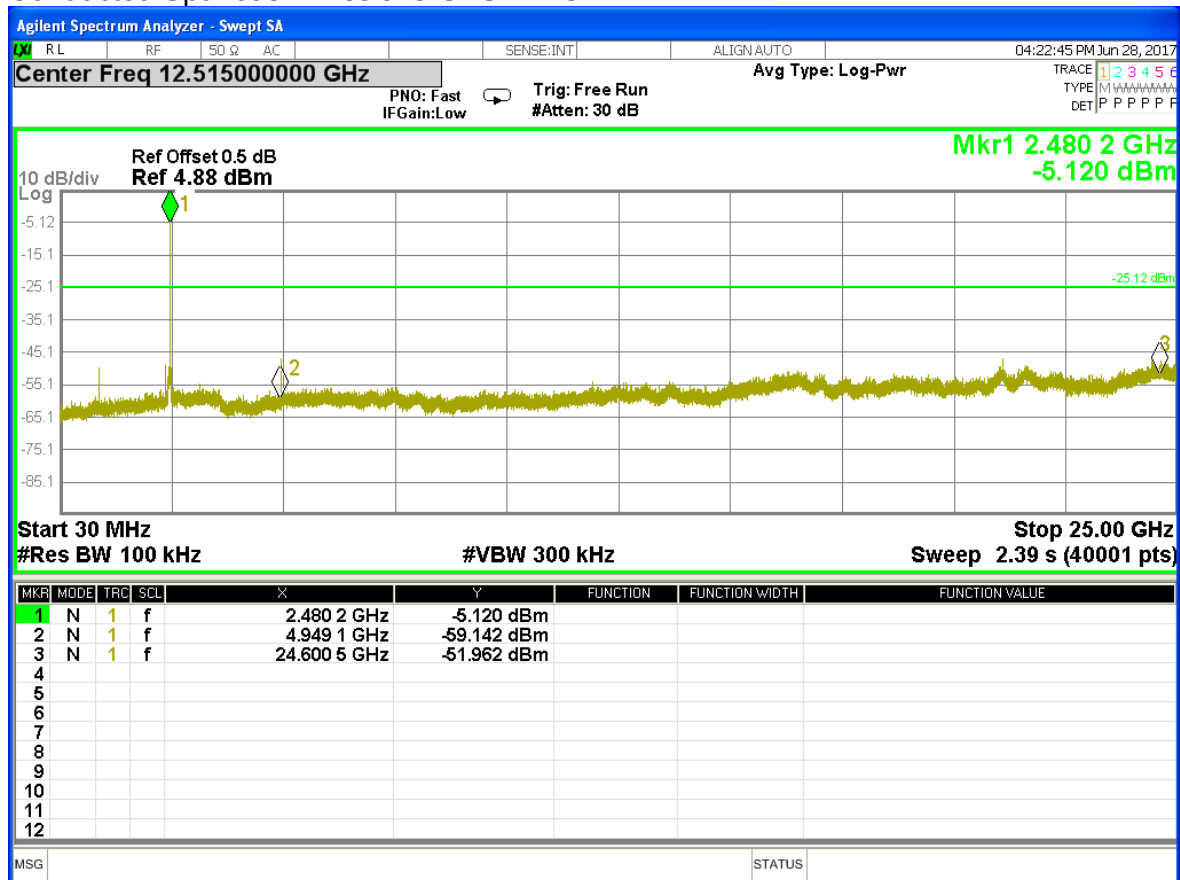
16083659 001

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Test Report No.

Conducted Spurious Emissions-GFSK-H CH



[illegible]

Prüfbericht - Nr.:

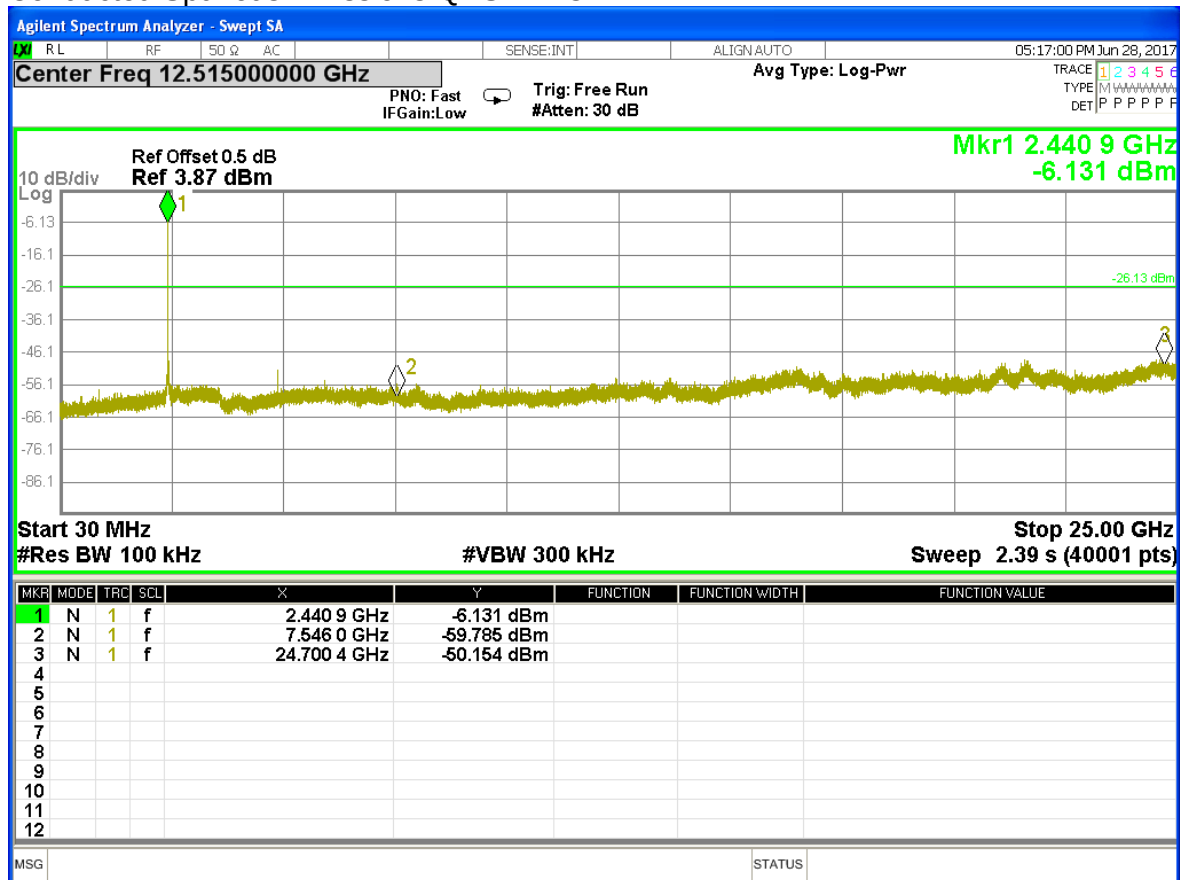
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Test Report No.

Conducted Spurious Emissions-QPSK-M CH



Prüfbericht - Nr.:

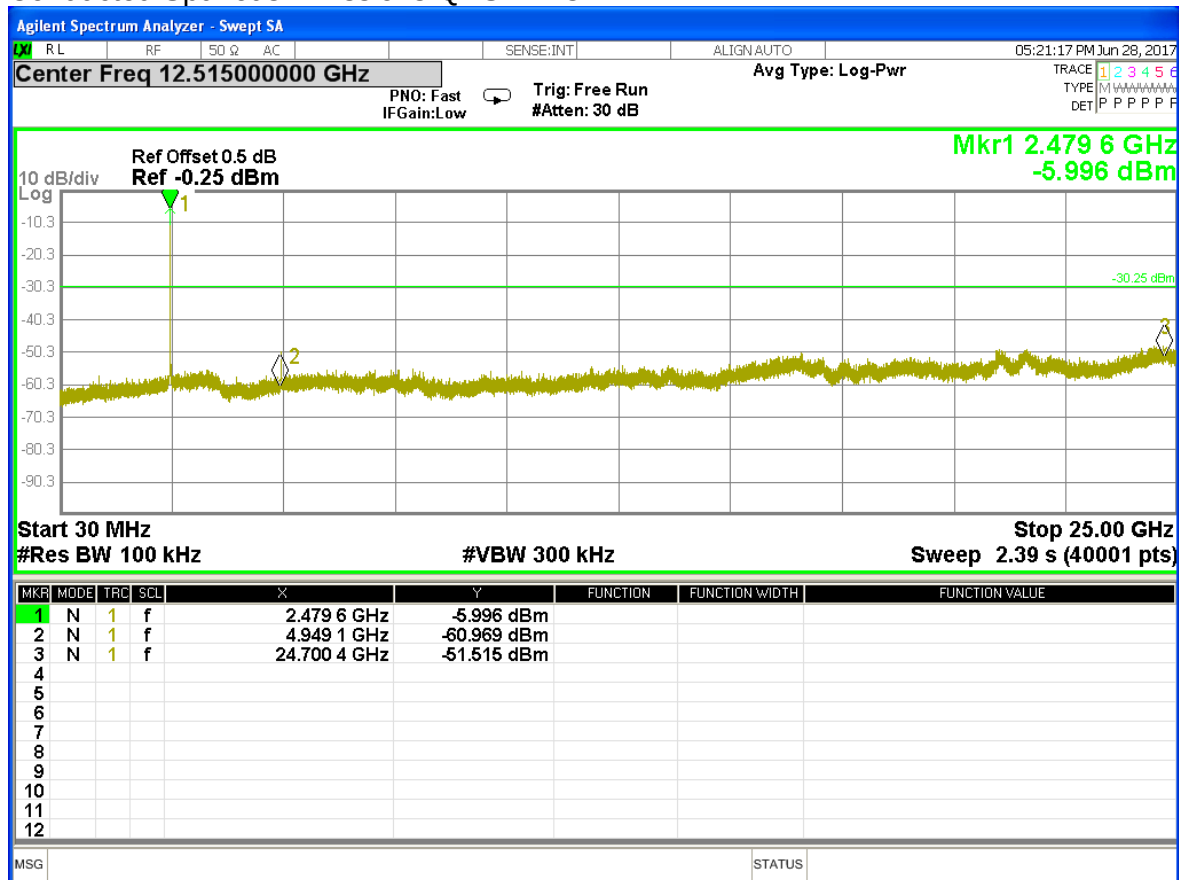
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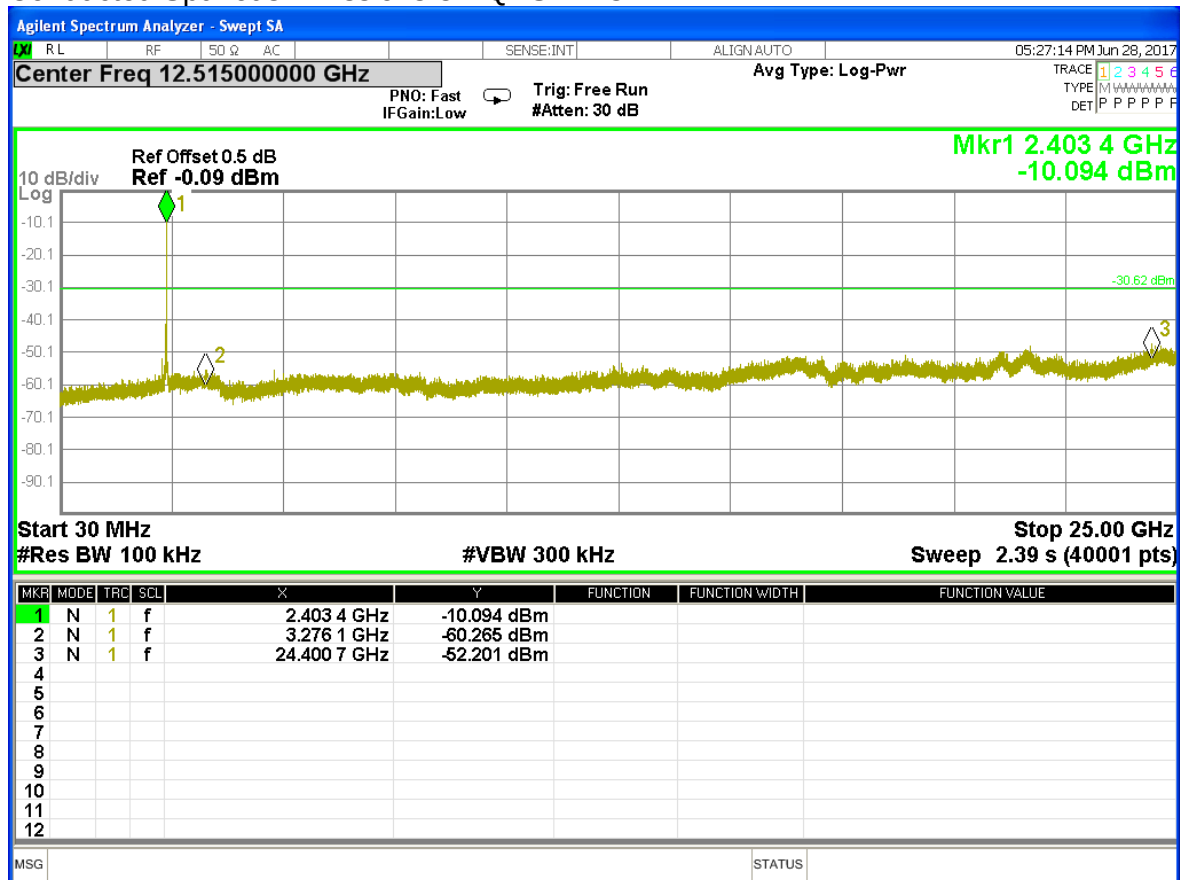
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Conducted Spurious Emissions-QPSK-H CH





Prüfbericht - Nr.:

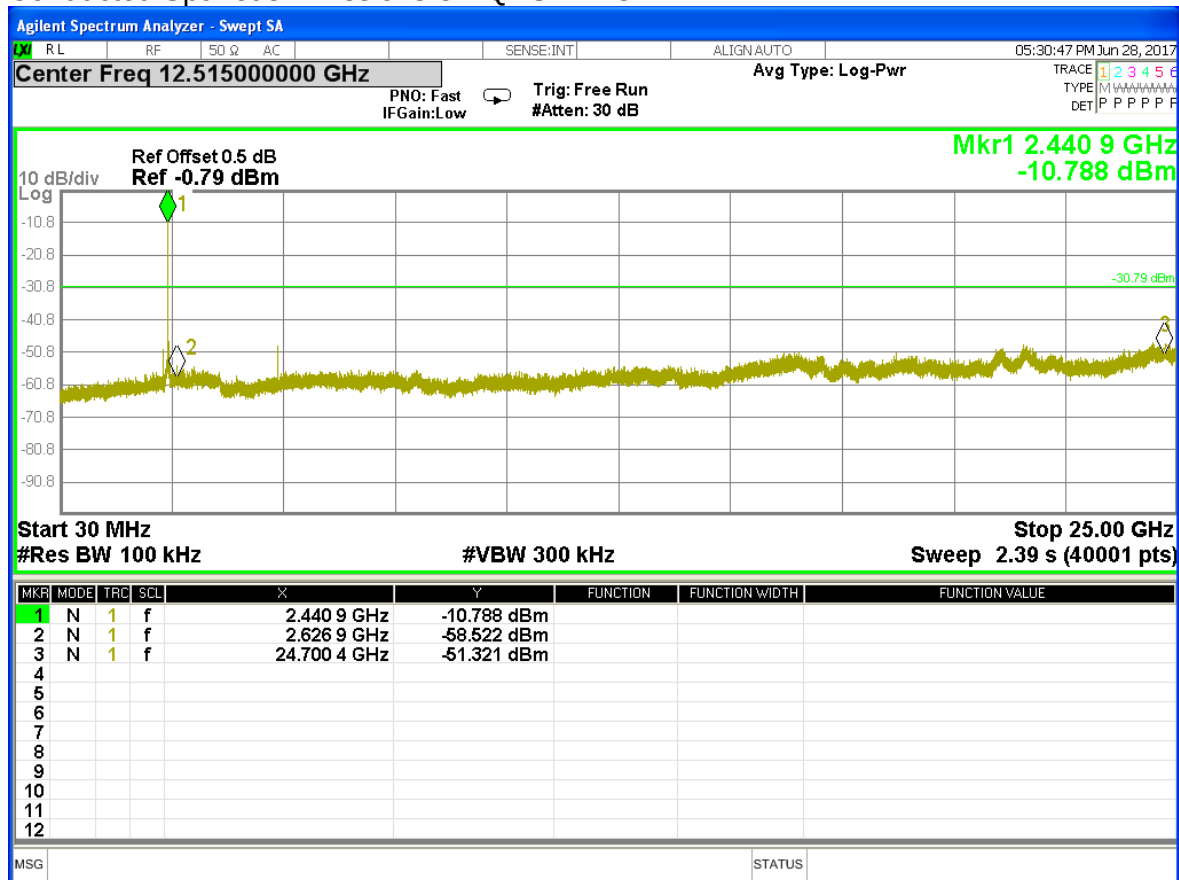
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Test Report No.

Conducted Spurious Emissions-8-DQPSK-M CH



Prüfbericht - Nr.:

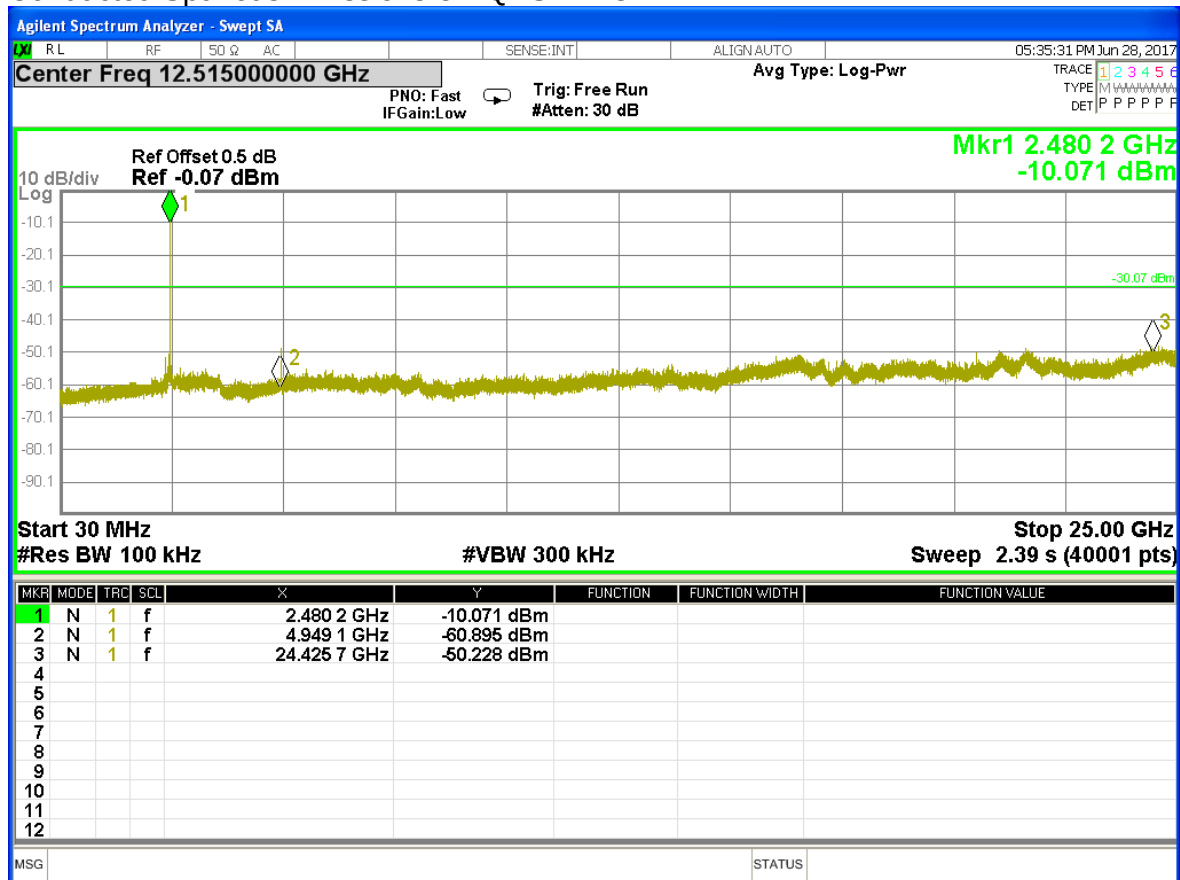
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Test Report No.

Conducted Spurious Emissions-8-DQPSK-H CH



Prüfbericht - Nr.:

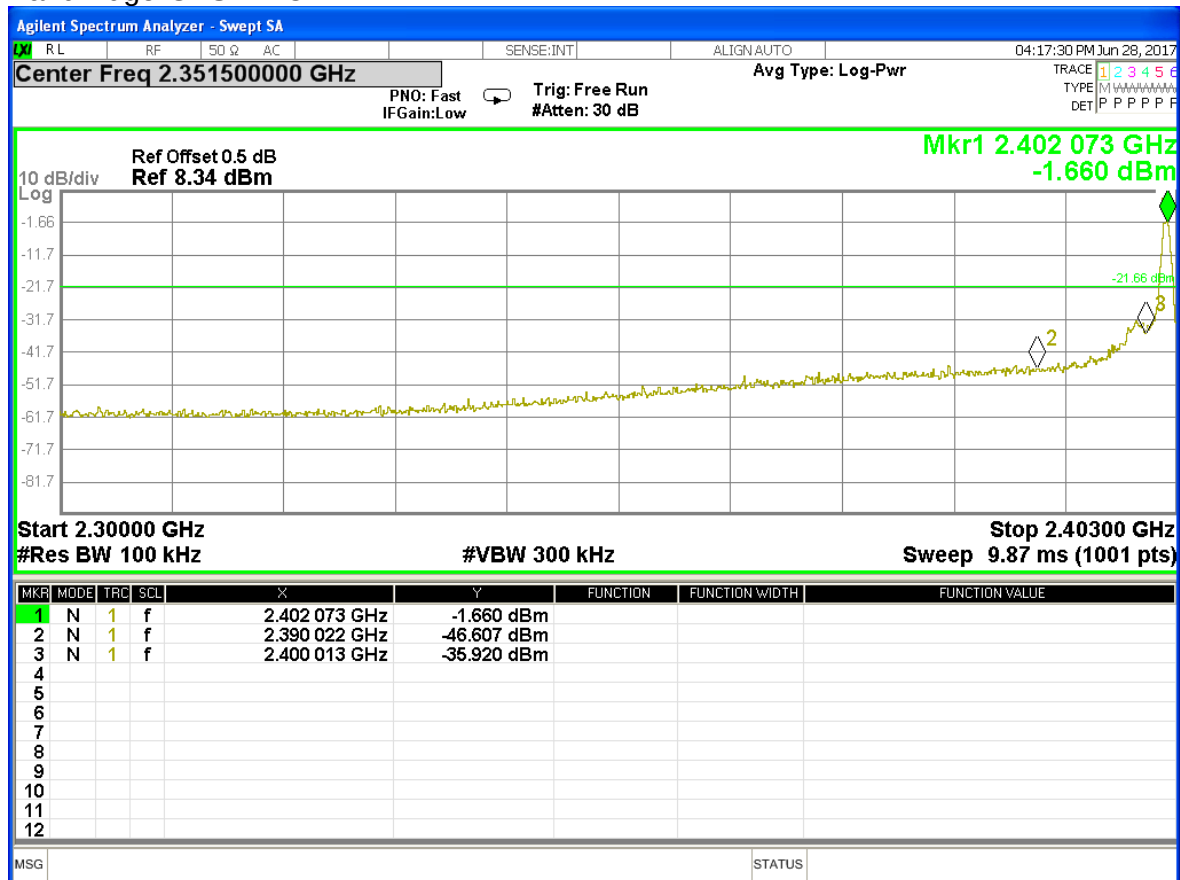
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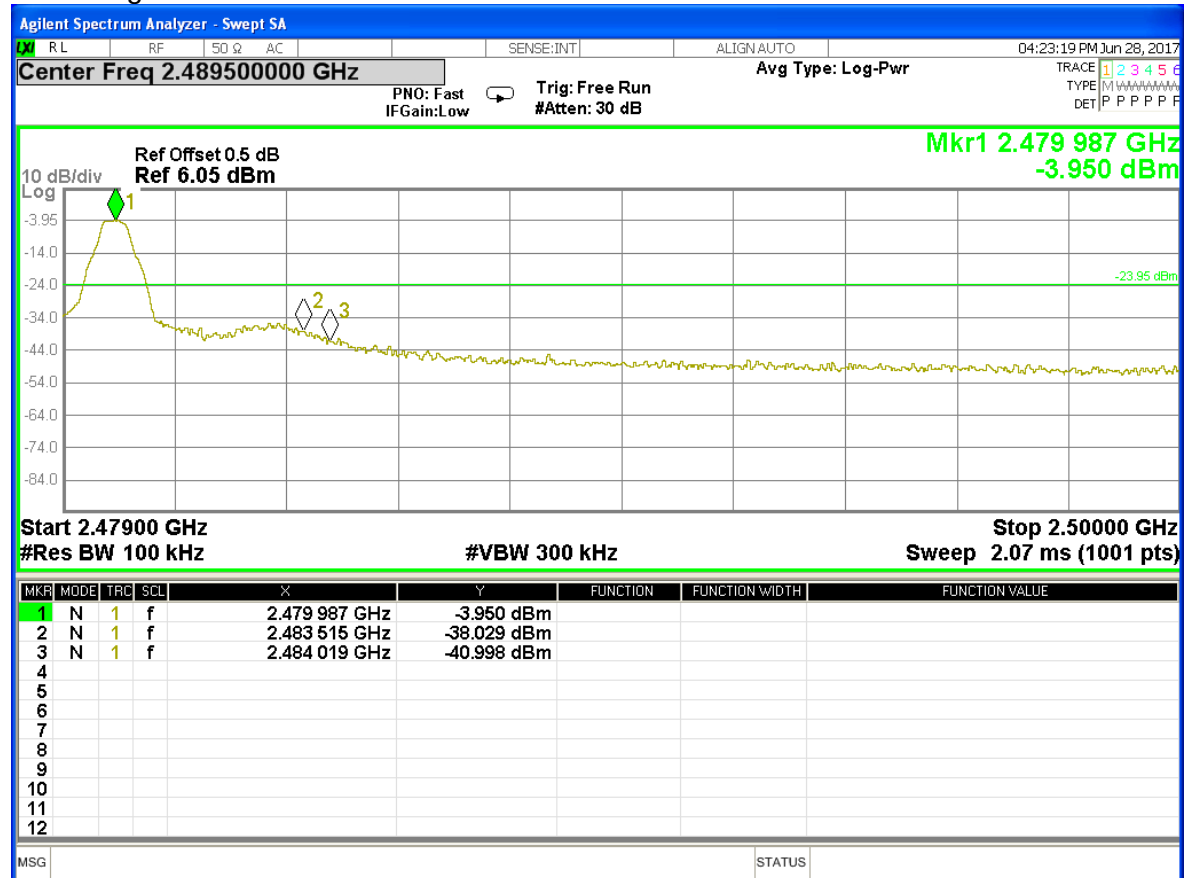
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Band Edge-GFSK-L CH





Prüfbericht - Nr.:

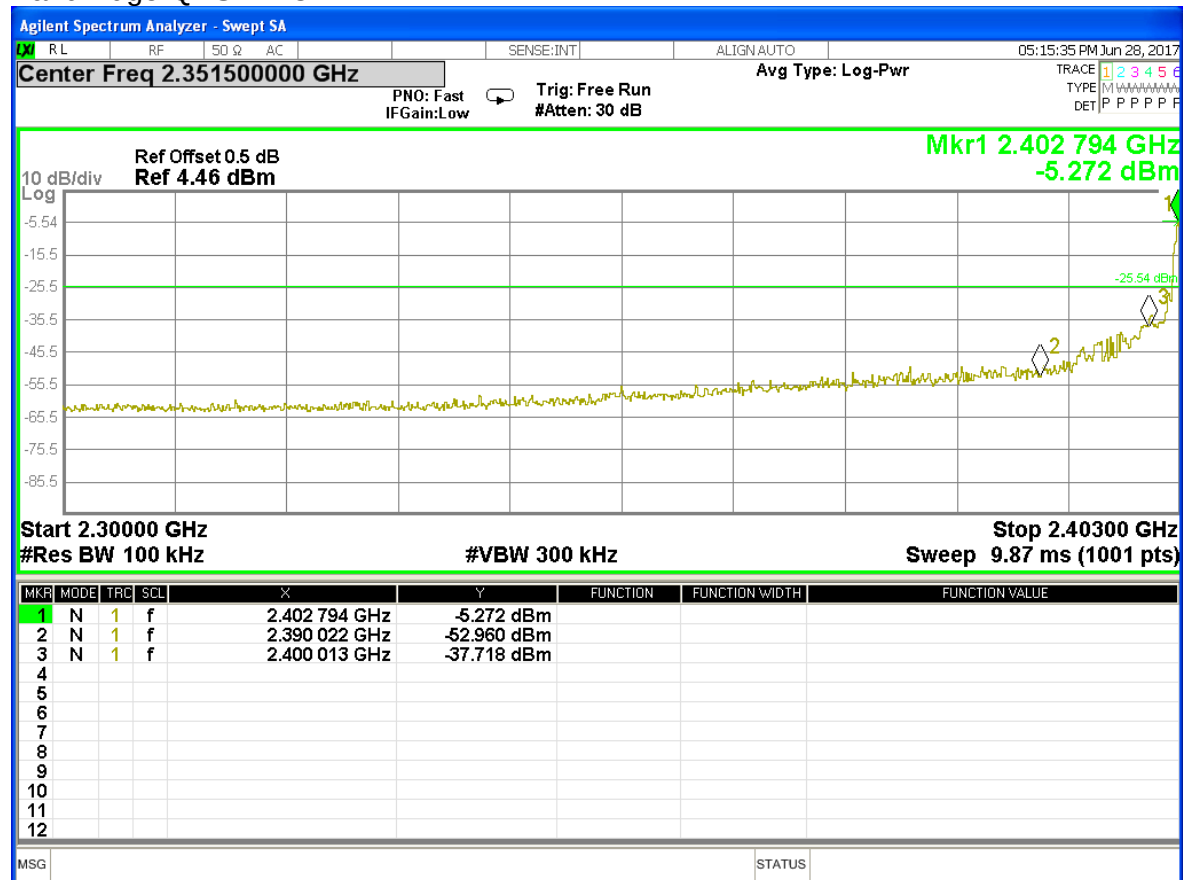
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Test Report No.

Band Edge-QPSK-L CH



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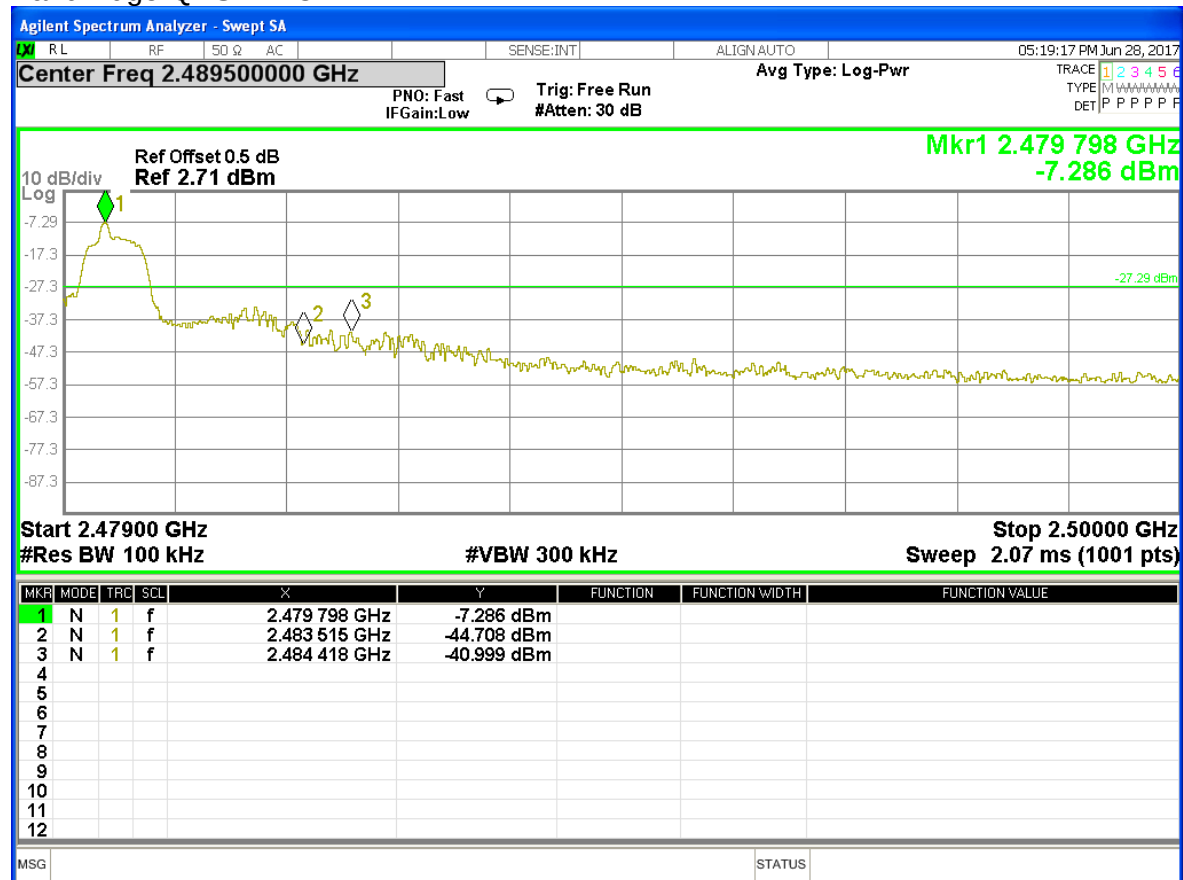
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Band Edge-QPSK-H CH



Prüfbericht - Nr.:

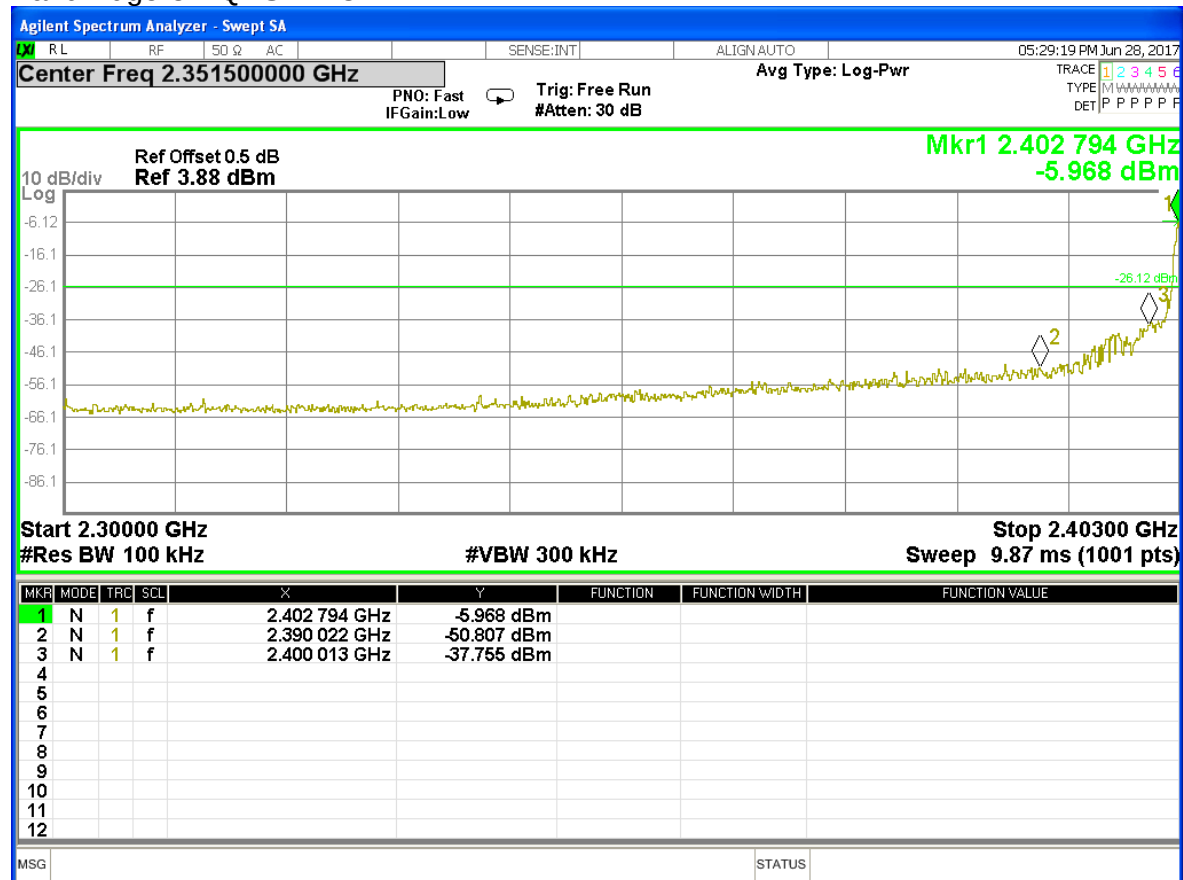
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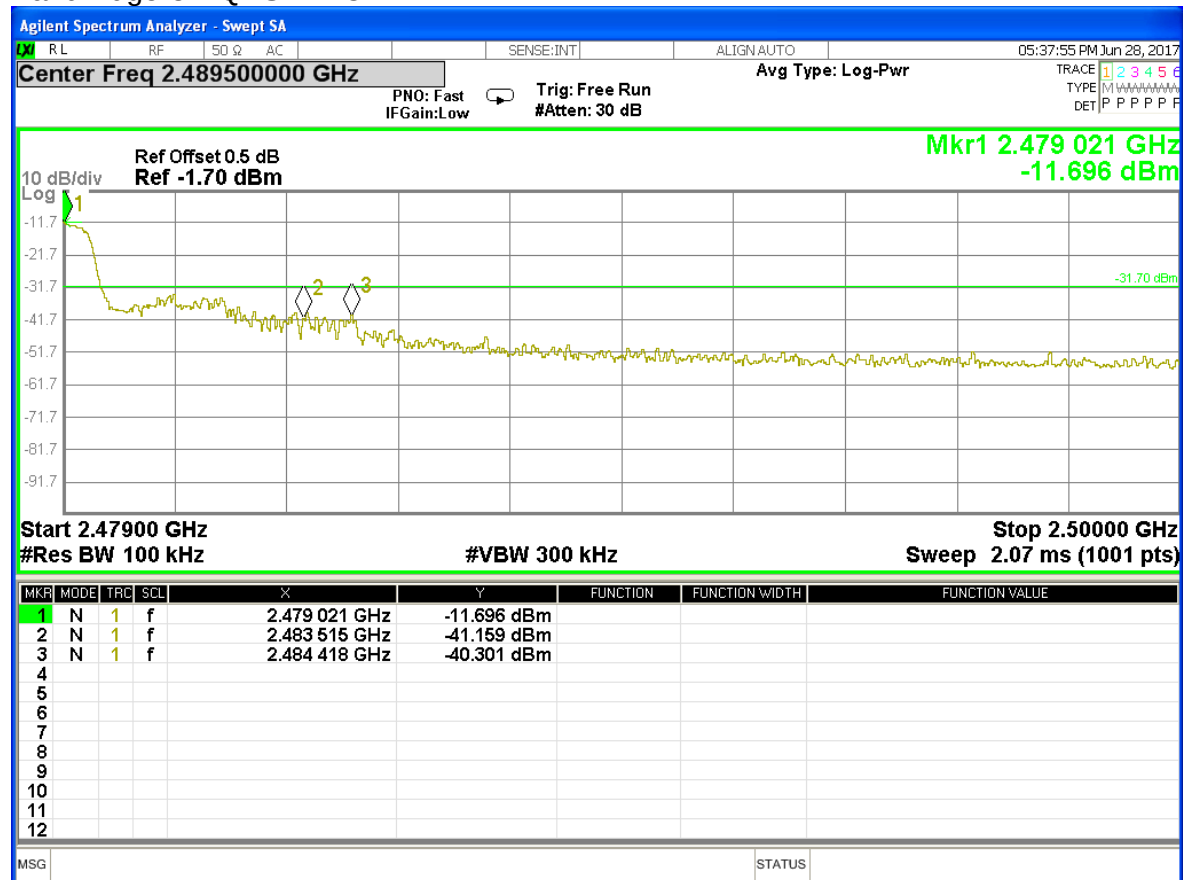
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Band Edge-8-DQPSK-L CH

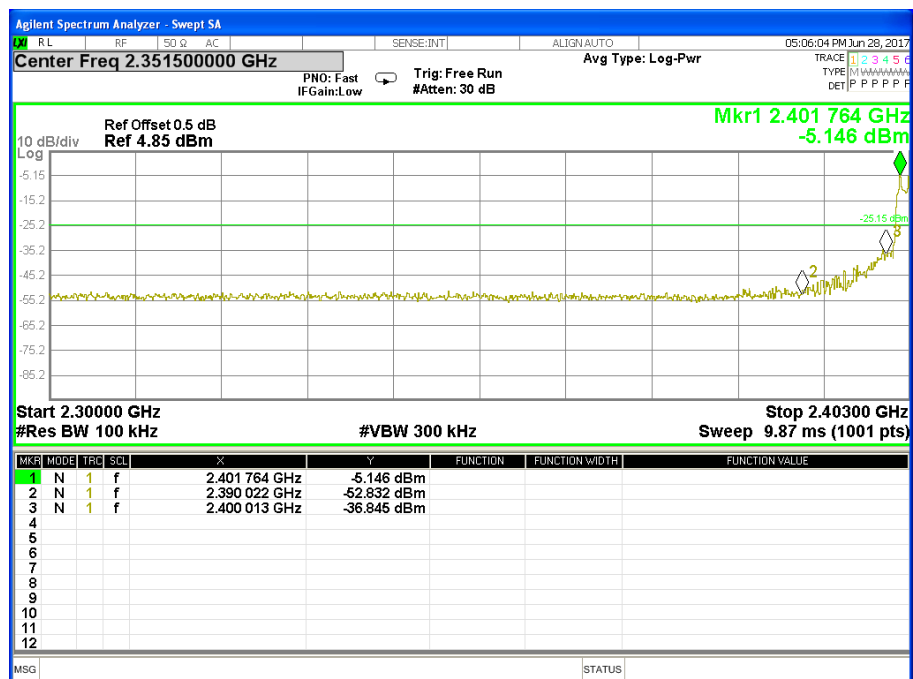




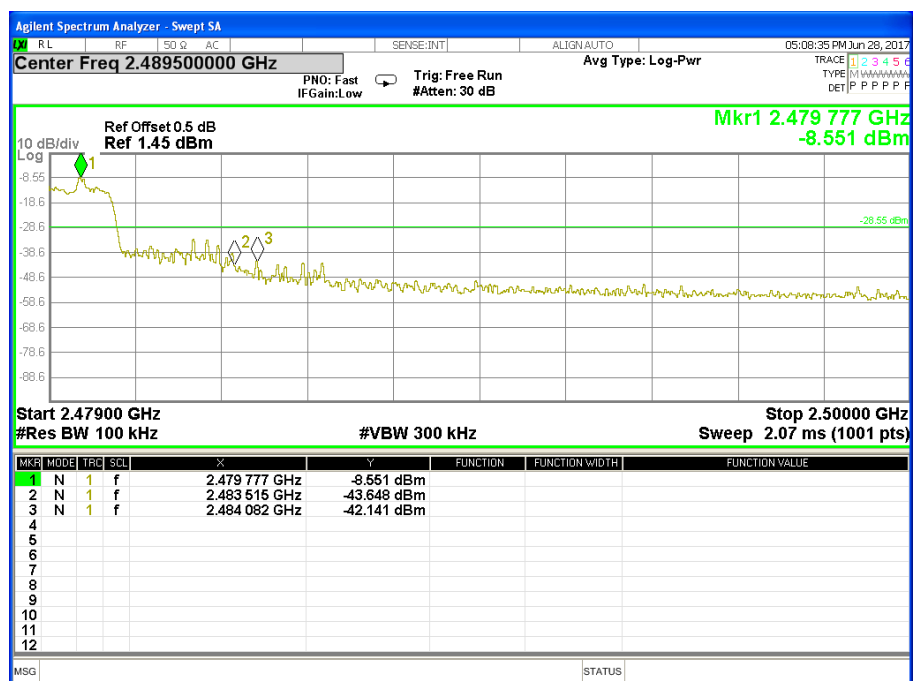
Prüfbericht - Nr.: **16083659 001**
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Hopping Band-edge: 8-DQPSK Left



Hopping Band-edge: 8-DQPSK Right



Prüfbericht - Nr.:

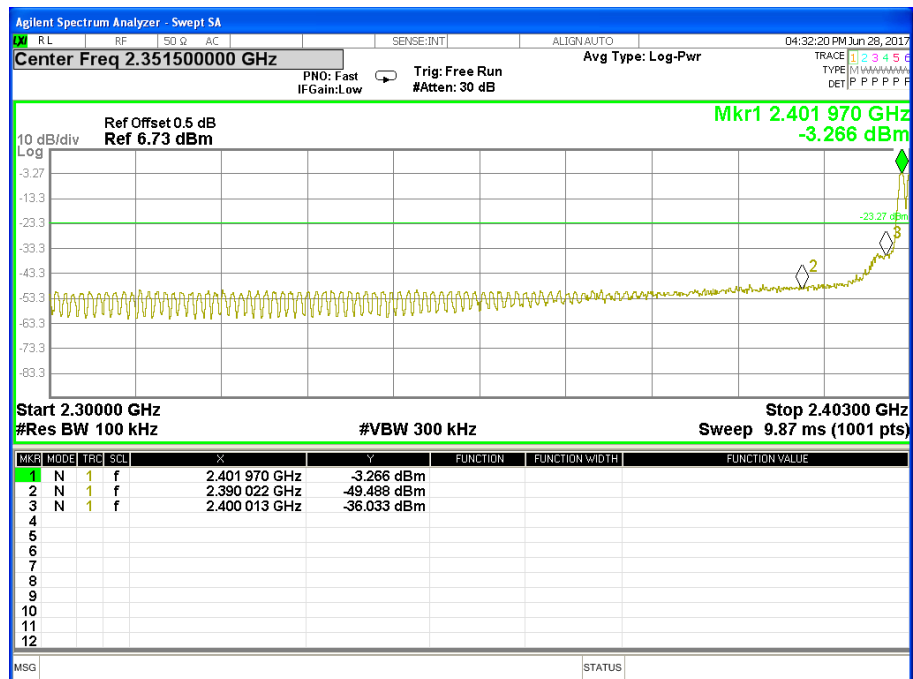
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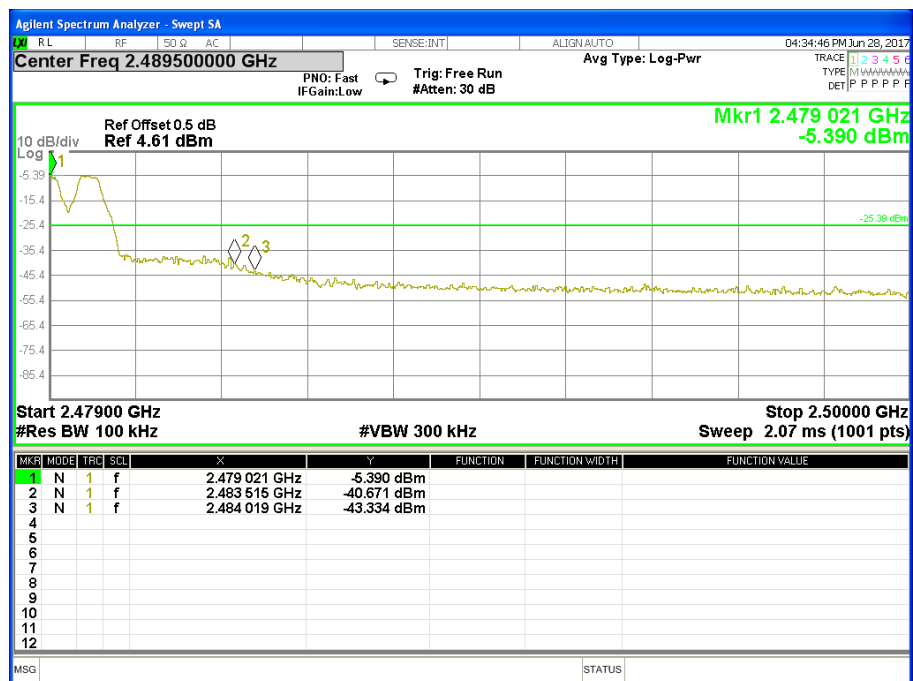
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Hopping Band-edge: GFSK Left



Hopping Band-edge: GFSK Right



Prüfbericht - Nr.:

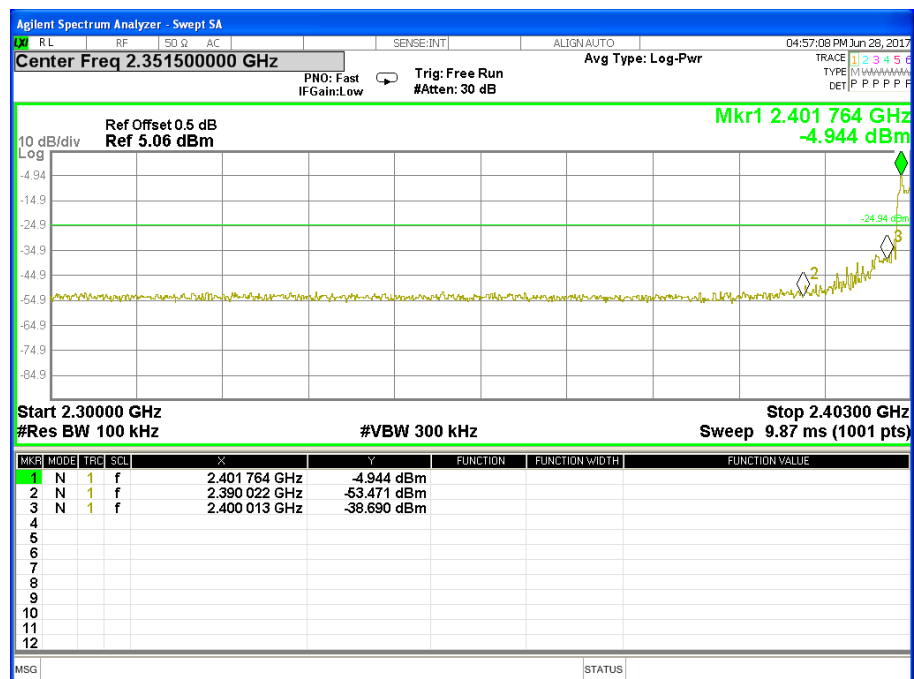
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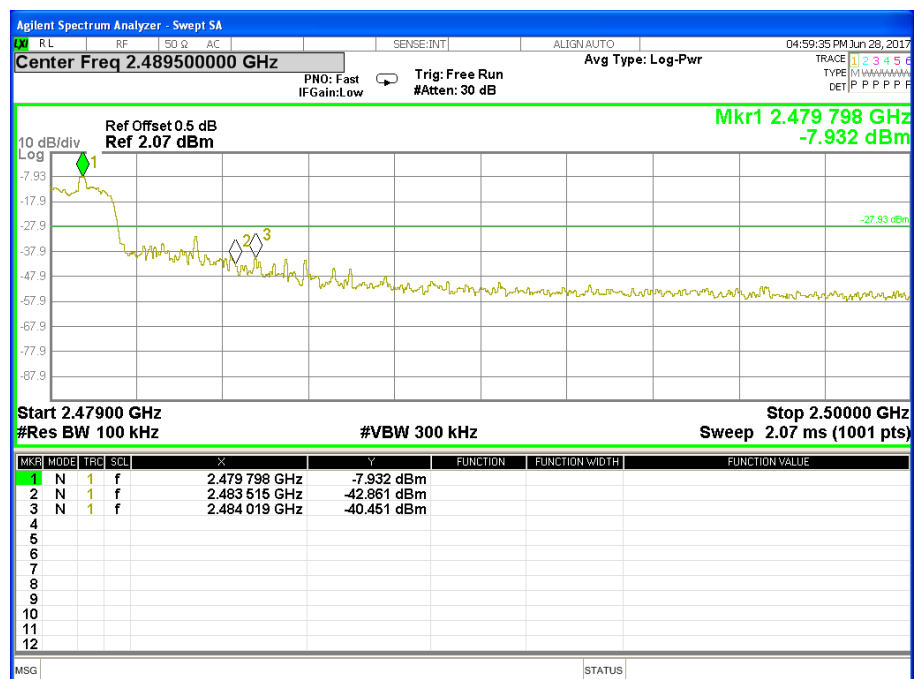
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Hopping Band-edge: QPSK Left



Hopping Band-edge: QPSK Right



Prüfbericht - Nr.:

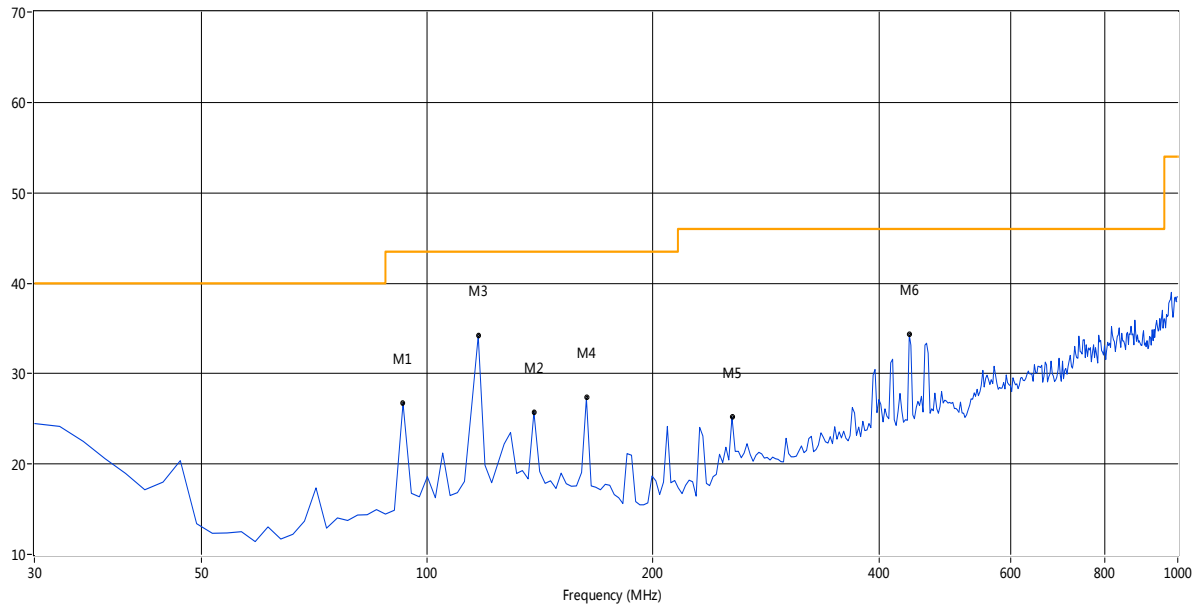
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RE_FCC Test Case_FCC 15B 30MHz-1GHz-0702



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	92.893	26.71	-25.08	43.5	16.79	Peak	355.00	100	Vertical	Pass
2	138.853	25.72	-22.41	43.5	17.78	Peak	87.00	100	Vertical	Pass
3	117.082	34.18	-22.67	43.5	9.32	Peak	6.00	100	Vertical	Pass
4	163.042	27.32	-23.39	43.5	16.18	Peak	5.00	100	Vertical	Pass
5	254.963	25.19	-19.97	46.0	20.81	Peak	1.00	100	Vertical	Pass
6	438.803	34.29	-14.94	46.0	11.71	Peak	3.00	100	Vertical	Pass

Prüfbericht - Nr.:

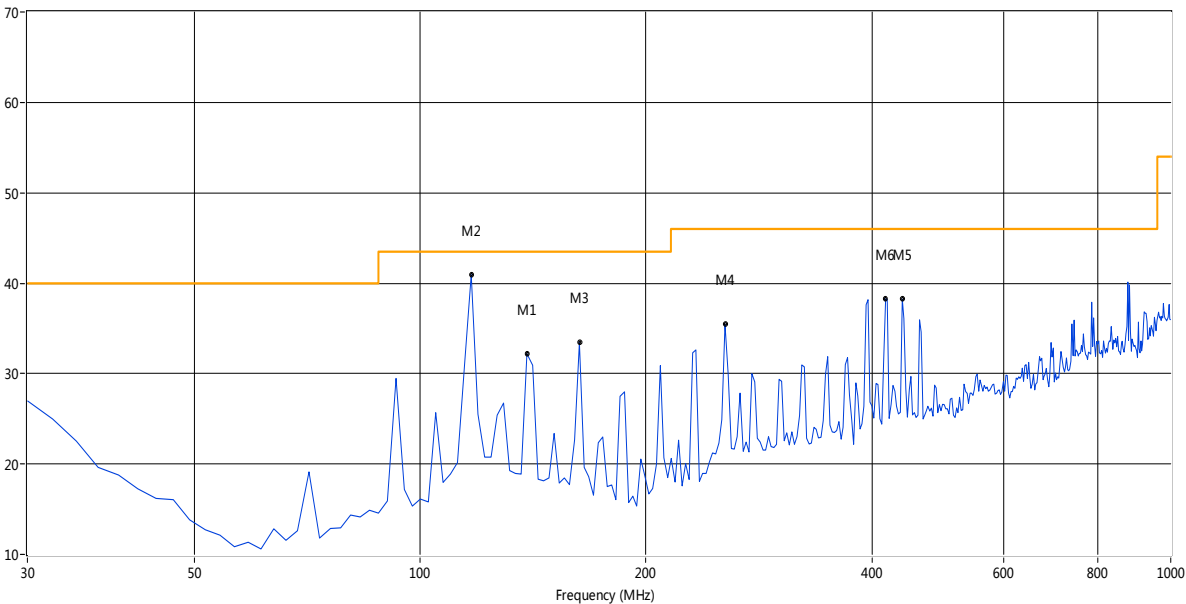
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RE_FCC Test Case_FCC 15B 30MHz-1GHz-0702



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	138.853	32.18	-22.41	43.5	11.32	Peak	213.00	100	Vertical	Pass
2	117.082	40.94	-22.67	43.5	2.56	Peak	198.90	100	Vertical	Pass
3	163.042	33.46	-23.39	43.5	10.04	Peak	198.90	100	Vertical	Pass
4	254.963	35.46	-19.97	46.0	10.54	Peak	329.20	100	Vertical	Pass
5	438.803	38.26	-14.94	46.0	7.74	Peak	355.00	100	Vertical	Pass
6	417.032	38.30	-15.00	46.0	7.70	Peak	3.60	100	Vertical	Pass

Prüfbericht - Nr.:

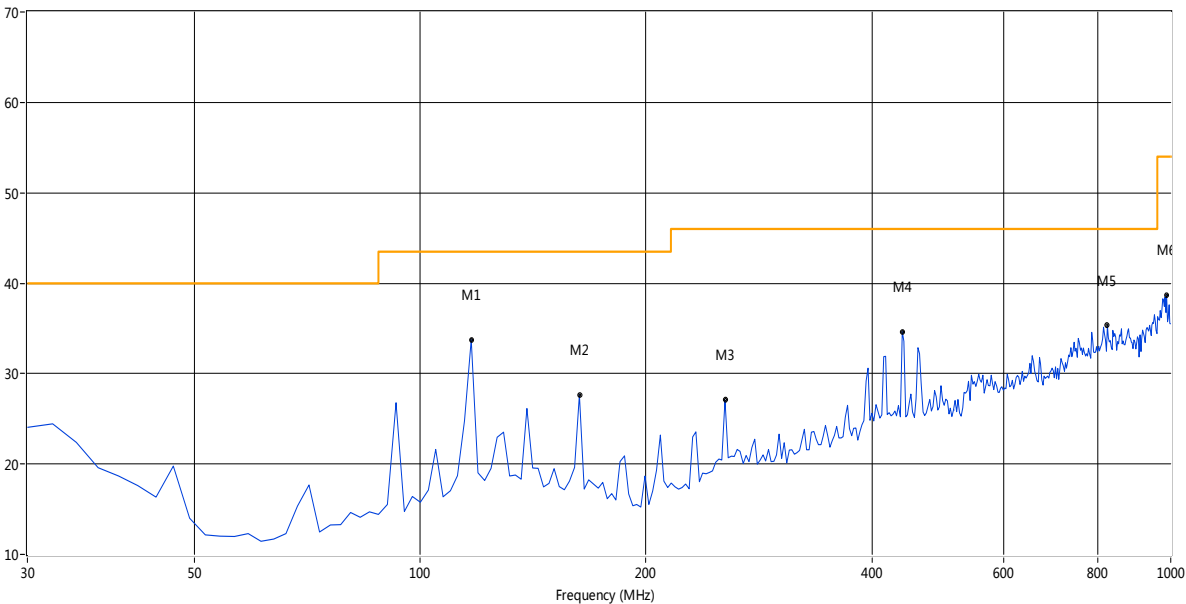
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RE_FCC Test Case_FCC 15B 30MHz-1GHz-0702



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	117.082	33.75	-22.67	43.5	9.75	Peak	1.00	100	Vertical	Pass
2	163.042	27.69	-23.39	43.5	15.81	Peak	2.00	100	Vertical	Pass
3	254.963	27.10	-19.97	46.0	18.90	Peak	4.00	100	Vertical	Pass
4	438.803	34.66	-14.94	46.0	11.34	Peak	162.00	100	Vertical	Pass
5	823.416	35.32	-6.45	46.0	10.68	Peak	85.00	100	Vertical	Pass
6	987.905	38.70	-2.37	54.0	15.30	Peak	80.00	100	Vertical	Pass

Prüfbericht - Nr.:

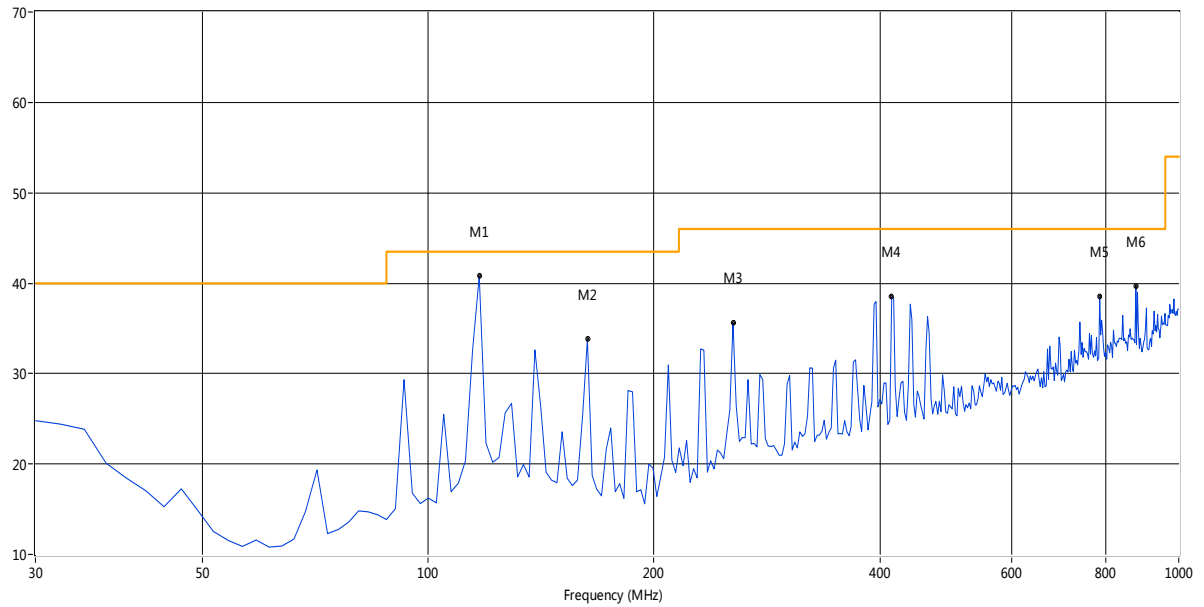
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RE_FCC Test Case_FCC 15B 30MHz-1GHz-0702

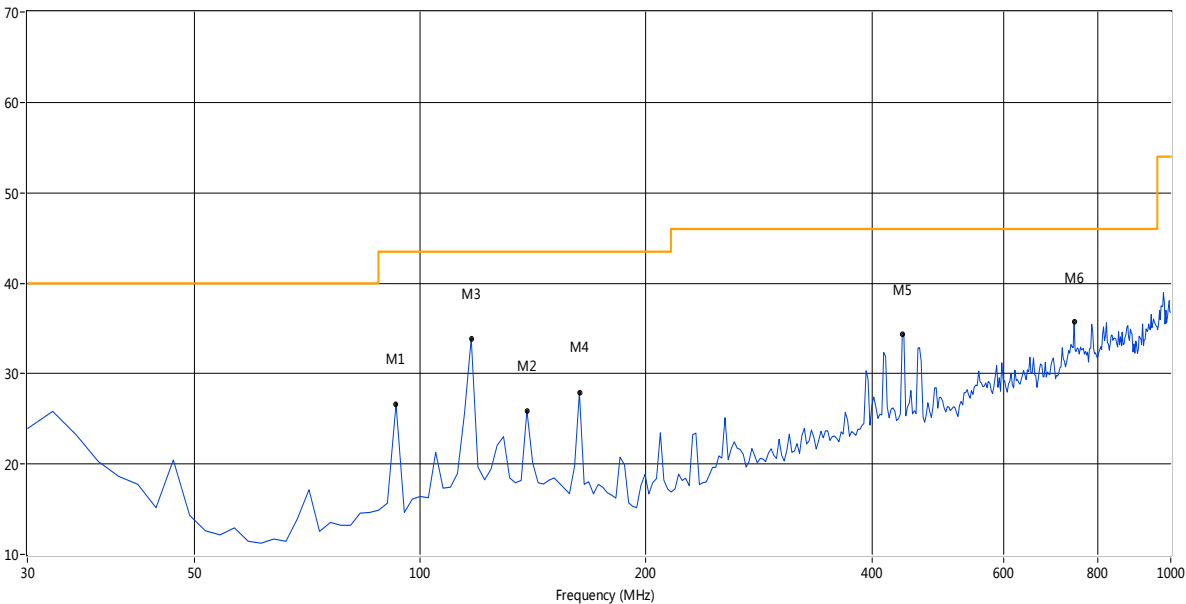


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	117.082	40.79	-22.67	43.5	2.71	Peak	4.00	100	Vertical	Pass
2	163.042	33.80	-23.39	43.5	9.70	Peak	5.00	100	Vertical	Pass
3	254.963	35.65	-19.97	46.0	10.35	Peak	3.00	100	Vertical	Pass
4	414.613	38.51	-15.10	46.0	7.49	Peak	2.00	100	Vertical	Pass
5	784.713	38.50	-7.31	46.0	7.50	Peak	283.00	100	Vertical	Pass
6	876.633	39.66	-5.36	46.0	6.34	Peak	2.00	100	Vertical	Pass

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RE_FCC Test Case_FCC 15B 30MHz-1GHz-0702



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	92.893	26.65	-25.08	43.5	16.85	Peak	144.00	100	Vertical	Pass
2	138.853	25.91	-22.41	43.5	17.59	Peak	257.00	100	Vertical	Pass
3	117.082	33.91	-22.67	43.5	9.59	Peak	5.00	100	Vertical	Pass
4	163.042	27.94	-23.39	43.5	15.56	Peak	0.00	100	Vertical	Pass
5	438.803	34.31	-14.94	46.0	11.69	Peak	2.00	100	Vertical	Pass
6	743.591	35.72	-7.25	46.0	10.28	Peak	0.00	100	Vertical	Pass

Prüfbericht - Nr.:

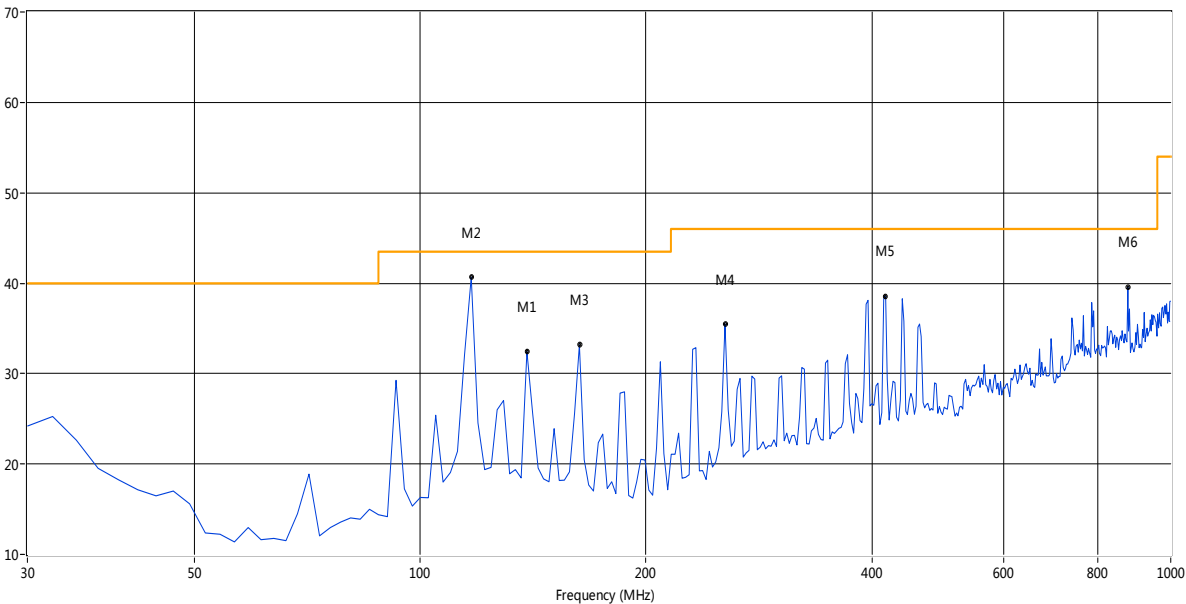
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RE_FCC Test Case_FCC 15B 30MHz-1GHz-0702



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	138.853	32.47	-22.41	43.5	11.03	Peak	99.00	100	Vertical	Pass
2	117.082	40.67	-22.67	43.5	2.83	Peak	2.00	100	Vertical	Pass
3	163.042	33.17	-23.39	43.5	10.33	Peak	1.00	100	Vertical	Pass
4	254.963	35.50	-19.97	46.0	10.50	Peak	4.00	100	Vertical	Pass
5	417.032	38.58	-15.00	46.0	7.42	Peak	5.00	100	Vertical	Pass
6	876.633	39.59	-5.36	46.0	6.41	Peak	2.00	100	Vertical	Pass

Prüfbericht - Nr.:

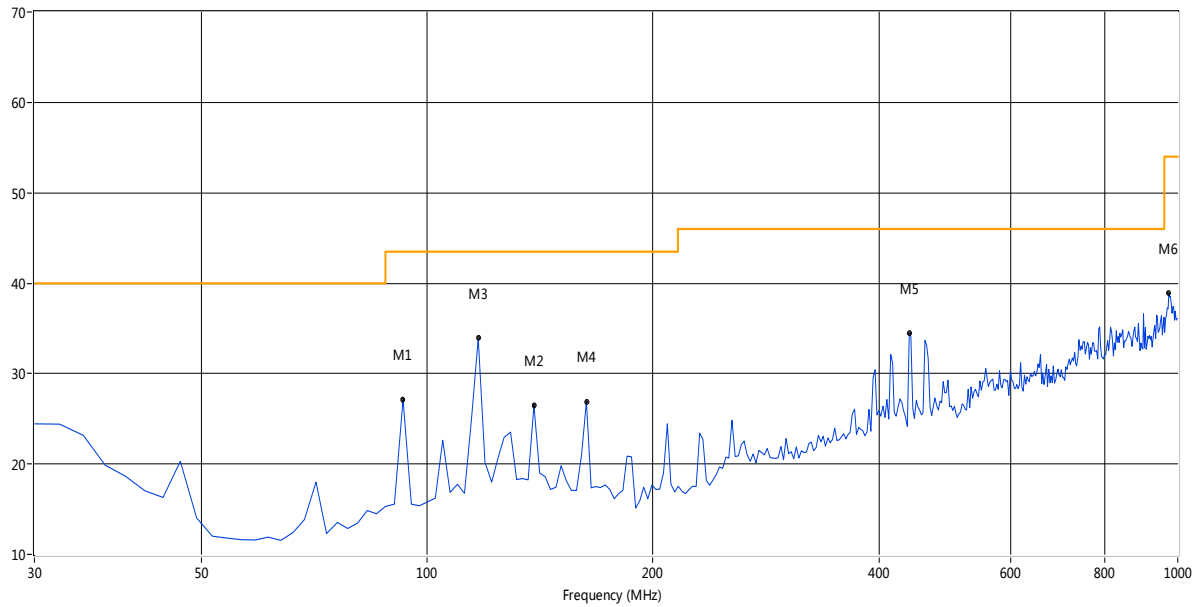
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RE_FCC Test Case_FCC 15B 30MHz-1GHz-0702



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	92.893	27.13	-25.08	43.5	16.37	Peak	4.00	100	Vertical	Pass
2	138.853	26.51	-22.41	43.5	16.99	Peak	155.00	100	Vertical	Pass
3	117.082	33.92	-22.67	43.5	9.58	Peak	6.00	100	Vertical	Pass
4	163.042	26.92	-23.39	43.5	16.58	Peak	4.00	100	Vertical	Pass
5	438.803	34.46	-14.94	46.0	11.54	Peak	0.00	100	Vertical	Pass
6	973.392	38.87	-2.68	54.0	15.13	Peak	2.00	100	Vertical	Pass

Prüfbericht - Nr.:

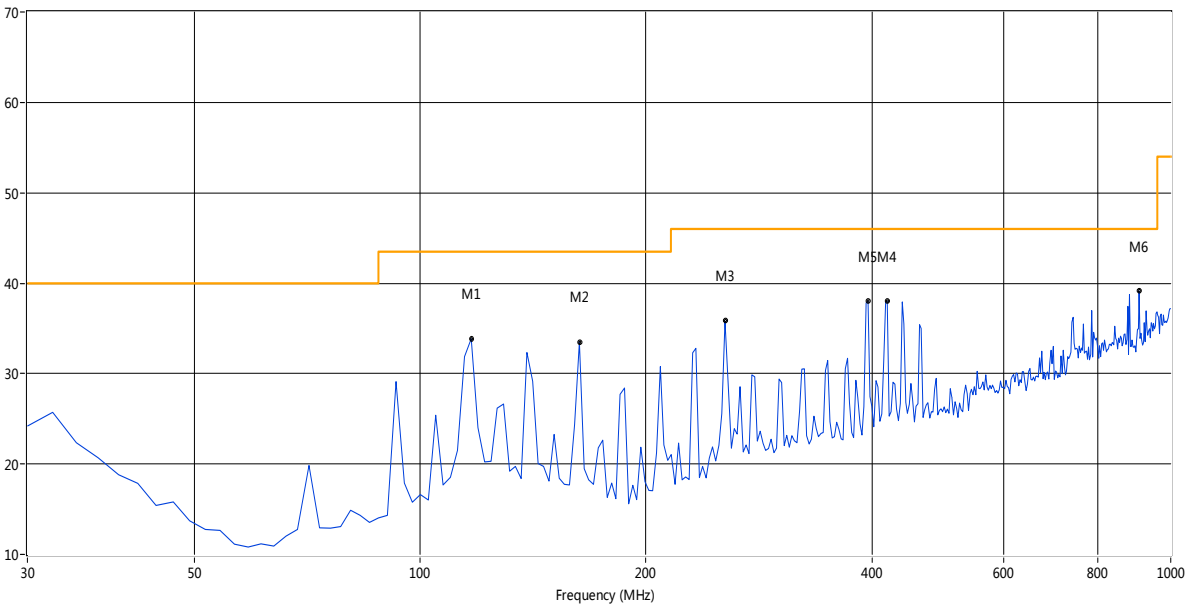
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RE_FCC Test Case_FCC 15B 30MHz-1GHz-0702



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	117.082	40.87	-22.67	43.5	2.63	Peak	300.00	100	Vertical	Pass
2	163.042	33.51	-23.39	43.5	9.99	Peak	4.00	100	Vertical	Pass
3	254.963	35.82	-19.97	46.0	10.18	Peak	1.00	100	Vertical	Pass
4	419.451	38.00	-14.89	46.0	8.00	Peak	10.00	100	Vertical	Pass
5	395.262	38.02	-16.04	46.0	7.98	Peak	3.00	100	Vertical	Pass
6	908.080	85.12	-5.66	46.0	-39.12	Peak	1.00	100	Vertical	Pass

Prüfbericht - Nr.:

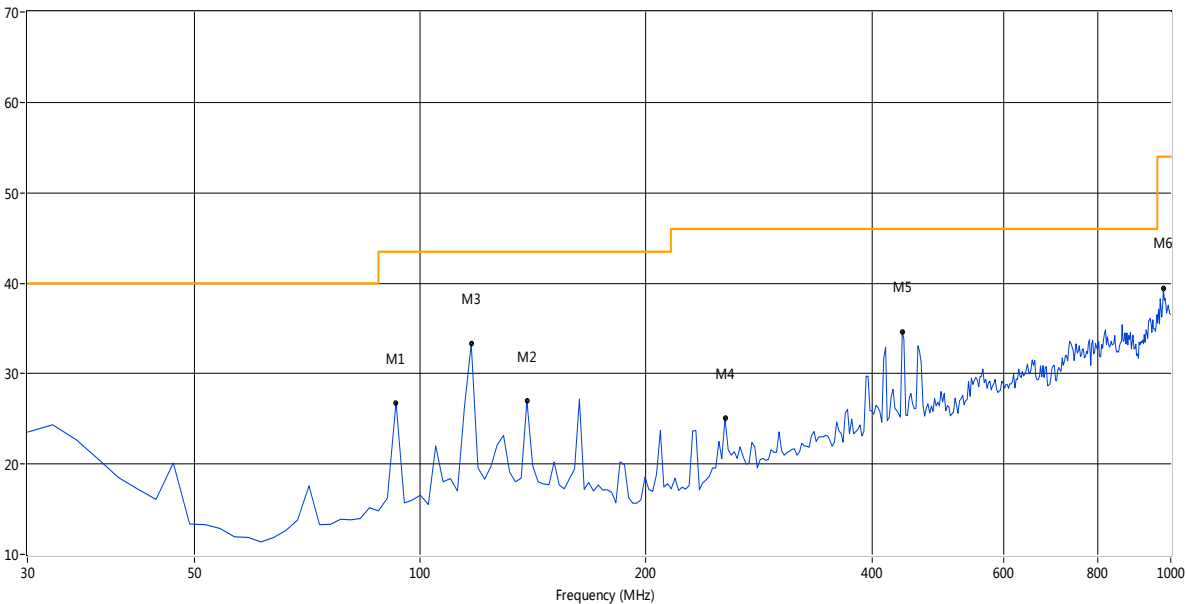
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RE_FCC Test Case_FCC 15B 30MHz-1GHz-0702



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	92.893	26.80	-25.08	43.5	16.70	Peak	17.00	100	Vertical	Pass
2	138.853	26.98	-22.41	43.5	16.52	Peak	177.00	100	Vertical	Pass
3	117.082	33.32	-22.67	43.5	10.18	Peak	2.00	100	Vertical	Pass
4	254.963	25.07	-19.97	46.0	20.93	Peak	3.00	100	Vertical	Pass
5	438.803	34.66	-14.94	46.0	11.34	Peak	4.00	100	Vertical	Pass
6	978.229	39.45	-2.18	54.0	14.55	Peak	2.00	100	Vertical	Pass

Prüfbericht - Nr.:

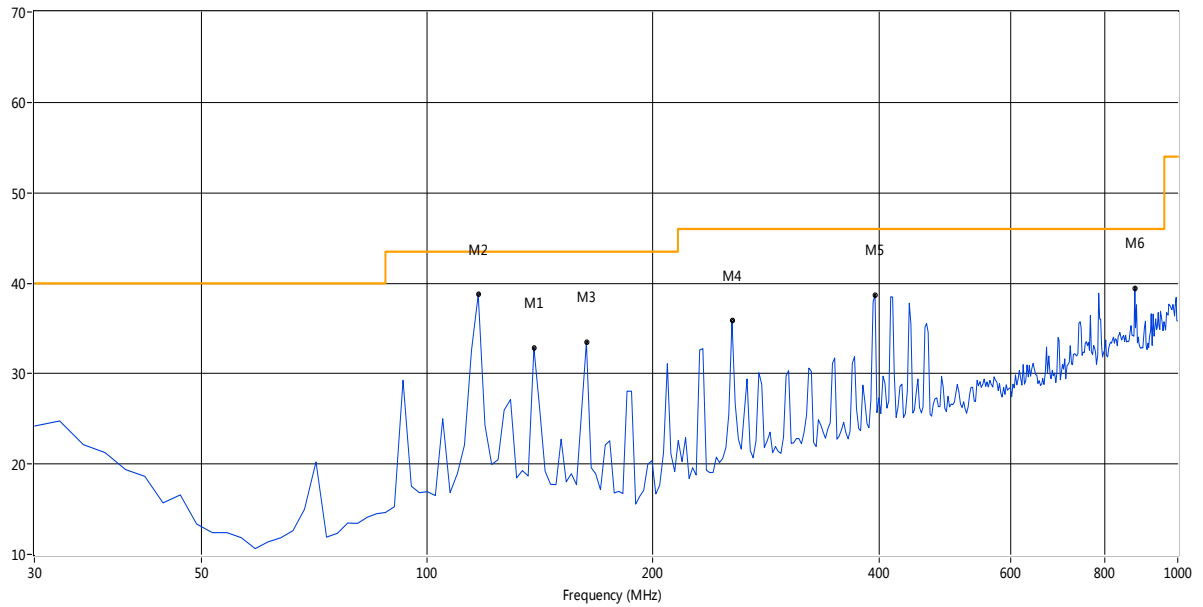
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RE_FCC Test Case_FCC 15B 30MHz-1GHz-0702



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	138.853	32.85	-22.41	43.5	10.65	Peak	19.00	100	Vertical	Pass
2	117.082	40.75	-22.67	43.5	2.75	Peak	2.00	100	Vertical	Pass
3	163.042	33.50	-23.39	43.5	10.00	Peak	1.00	100	Vertical	Pass
4	254.963	35.85	-19.97	46.0	10.15	Peak	4.00	100	Vertical	Pass
5	395.262	38.69	-16.04	46.0	7.31	Peak	5.00	100	Vertical	Pass
6	876.633	39.47	-5.36	46.0	6.53	Peak	0.00	100	Vertical	Pass

Prüfbericht - Nr.:

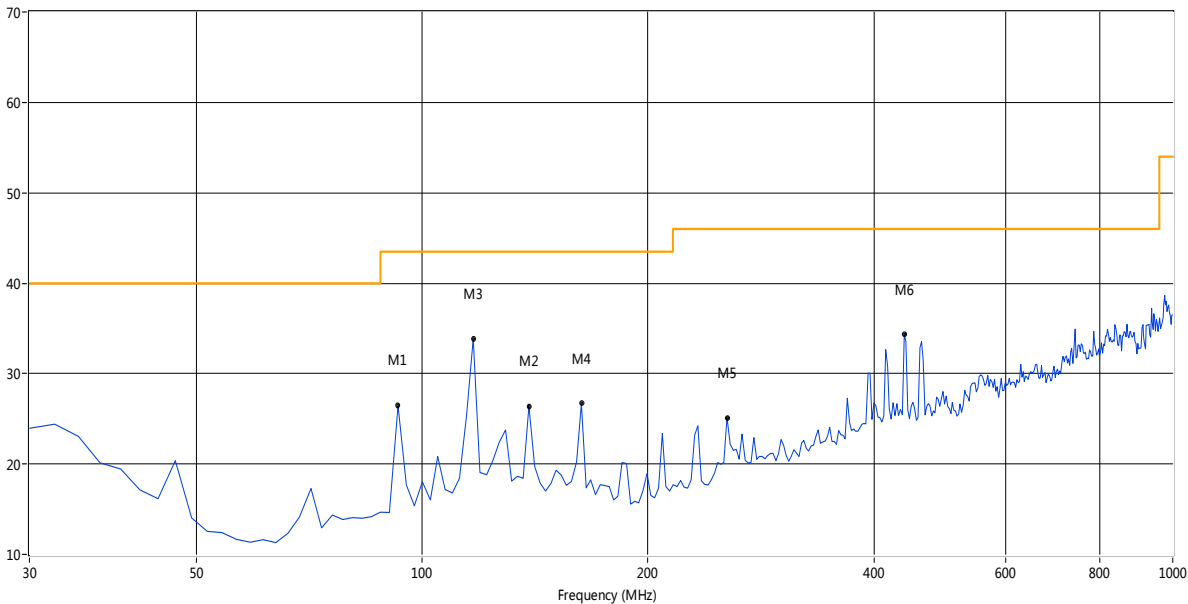
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RE_FCC Test Case_FCC 15B 30MHz-1GHz-0702



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	92.893	26.45	-25.08	43.5	17.05	Peak	141.00	100	Vertical	Pass
2	138.853	26.40	-22.41	43.5	17.10	Peak	196.00	100	Vertical	Pass
3	117.082	33.87	-22.67	43.5	9.63	Peak	3.00	100	Vertical	Pass
4	163.042	26.68	-23.39	43.5	16.82	Peak	3.00	100	Vertical	Pass
5	254.963	25.15	-19.97	46.0	20.85	Peak	1.00	100	Vertical	Pass
6	438.803	34.33	-14.94	46.0	11.67	Peak	2.00	100	Vertical	Pass

Prüfbericht - Nr.:

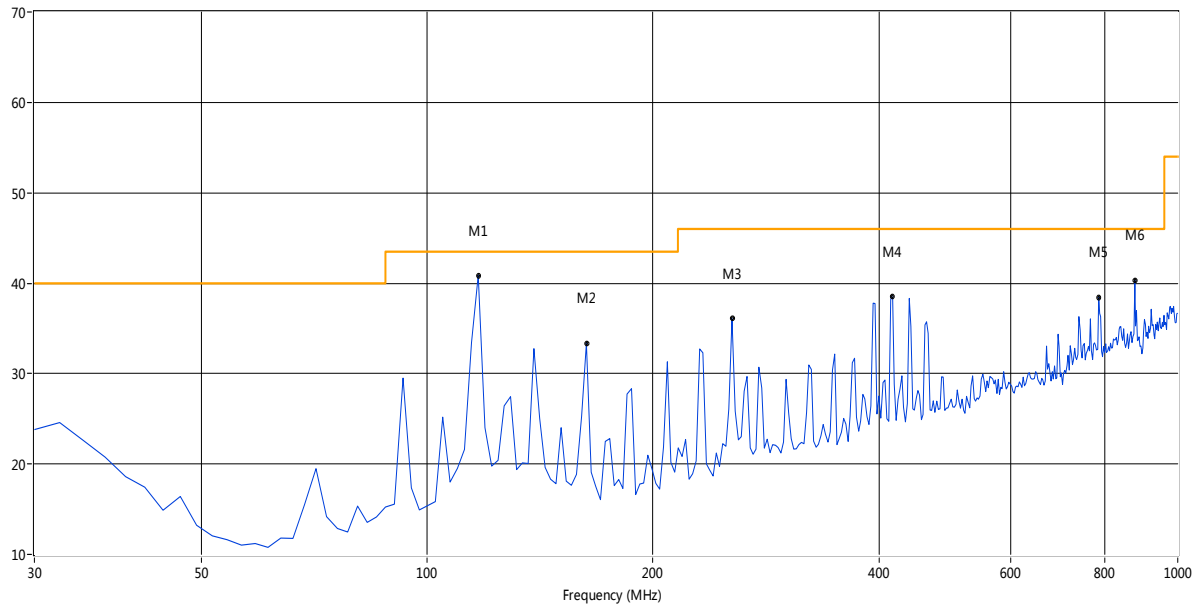
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RE_FCC Test Case_FCC 15B 30MHz-1GHz-0702

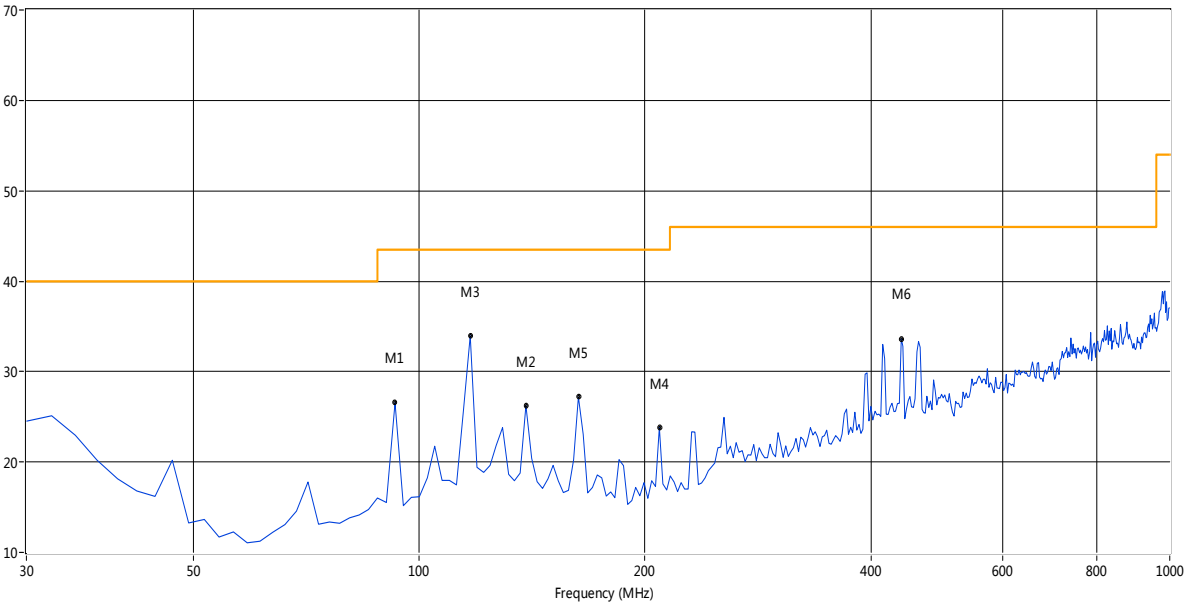


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	117.082	40.88	-22.67	43.5	2.62	Peak	0.00	100	Vertical	Pass
2	163.042	33.37	-23.39	43.5	10.13	Peak	3.00	100	Vertical	Pass
3	254.963	36.10	-19.97	46.0	9.90	Peak	5.00	100	Vertical	Pass
4	417.032	38.51	-15.00	46.0	7.49	Peak	4.00	100	Vertical	Pass
5	784.713	38.46	-7.31	46.0	7.54	Peak	186.00	100	Vertical	Pass
6	876.633	40.34	-5.36	46.0	5.66	Peak	3.00	100	Vertical	Pass

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RE_FCC Test Case_FCC 15B 30MHz-1GHz-0702



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	92.893	26.59	-25.08	43.5	16.91	Peak	5.00	100	Vertical	Pass
2	138.853	26.25	-22.41	43.5	17.25	Peak	299.00	100	Vertical	Pass
3	117.082	33.98	-22.67	43.5	9.52	Peak	3.00	100	Vertical	Pass
4	209.002	23.83	-24.84	43.5	19.67	Peak	307.00	100	Vertical	Pass
5	163.042	27.21	-23.39	43.5	16.29	Peak	6.00	100	Vertical	Pass
6	438.803	33.65	-14.94	46.0	12.35	Peak	2.00	100	Vertical	Pass

Prüfbericht - Nr.:

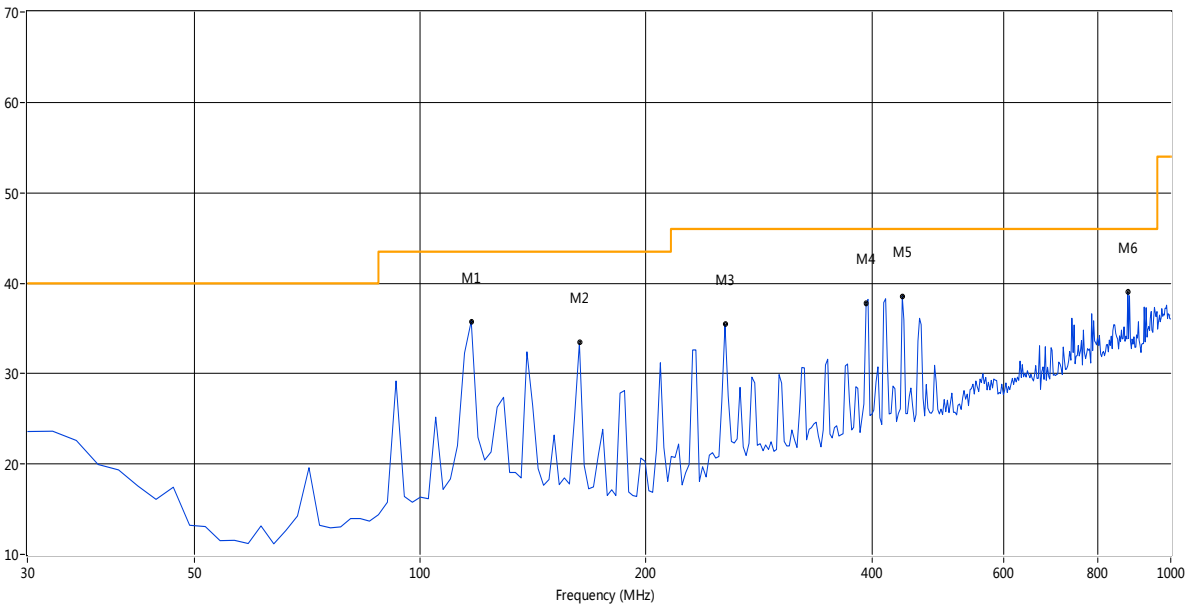
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RE_FCC Test Case_FCC 15B 30MHz-1GHz-0702



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	117.082	40.79	-22.67	43.5	2.71	Peak	5.00	100	Vertical	Pass
2	163.042	33.42	-23.39	43.5	10.08	Peak	1.00	100	Vertical	Pass
3	254.963	35.45	-19.97	46.0	10.55	Peak	3.00	100	Vertical	Pass
4	392.843	37.73	-16.20	46.0	8.27	Peak	228.00	100	Vertical	Pass
5	438.803	38.54	-14.94	46.0	7.46	Peak	5.00	100	Vertical	Pass
6	876.633	39.03	-5.36	46.0	6.97	Peak	0.00	100	Vertical	Pass

Prüfbericht - Nr.:

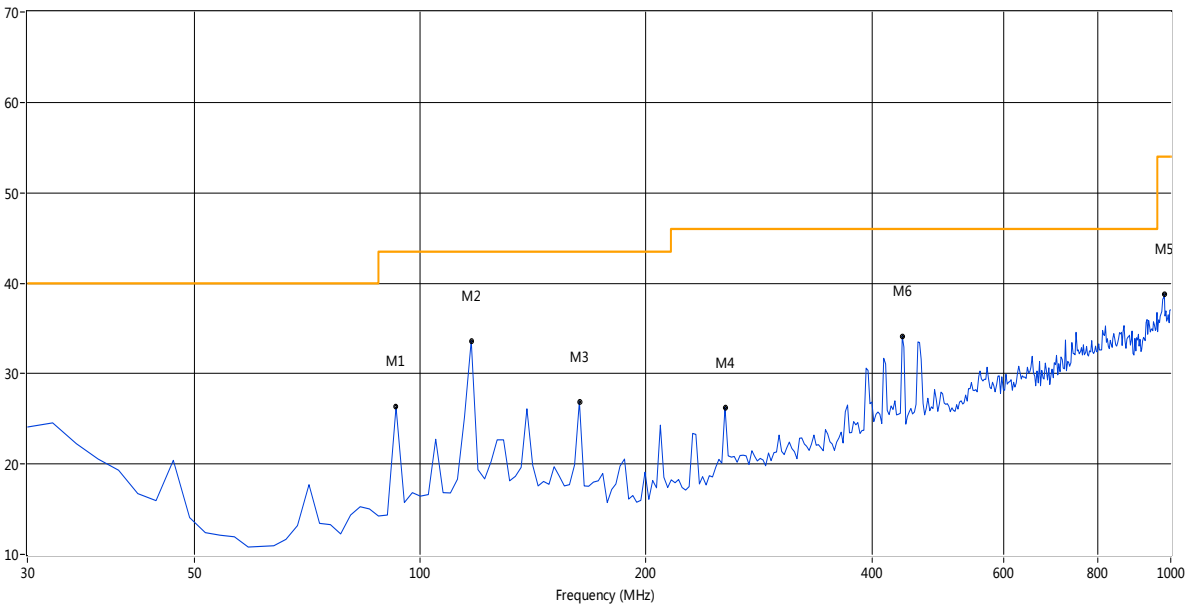
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RE_FCC Test Case_FCC 15B 30MHz-1GHz-0702



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	92.893	26.34	-25.08	43.5	17.16	Peak	348.00	100	Vertical	Pass
2	117.082	33.65	-22.67	43.5	9.85	Peak	3.00	100	Vertical	Pass
3	163.042	26.92	-23.39	43.5	16.58	Peak	4.00	100	Vertical	Pass
4	254.963	26.28	-19.97	46.0	19.72	Peak	1.00	100	Vertical	Pass
5	980.648	38.82	-2.02	54.0	15.18	Peak	83.00	100	Vertical	Pass
6	438.803	34.11	-14.94	46.0	11.89	Peak	5.00	100	Vertical	Pass

Prüfbericht - Nr.:

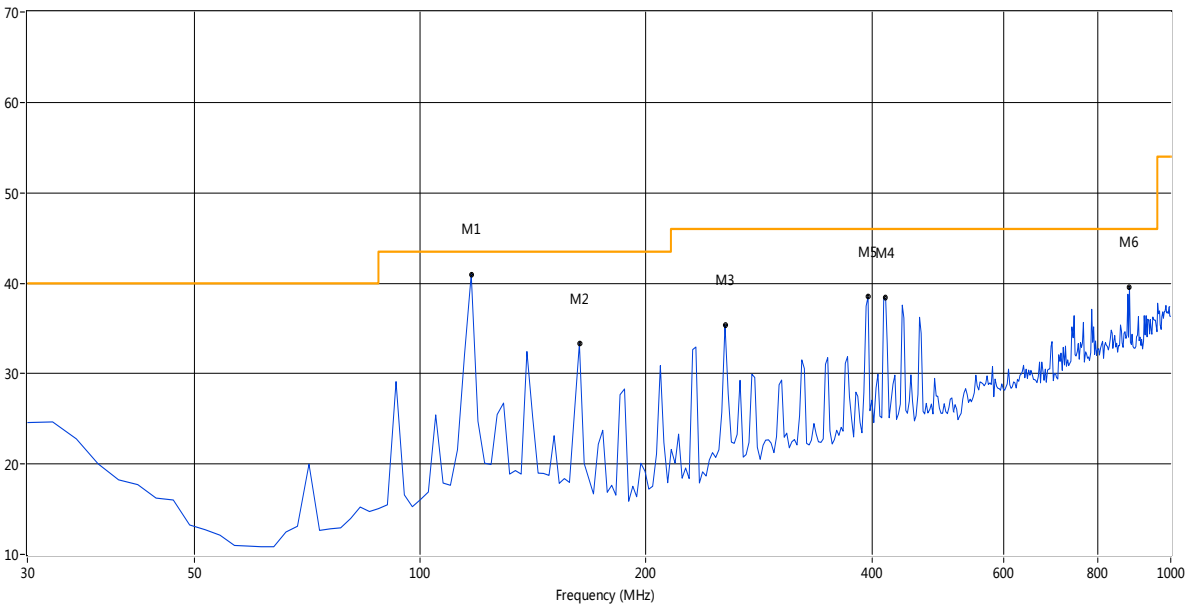
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RE_FCC Test Case_FCC 15B 30MHz-1GHz-0702



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	117.082	40.99	-22.67	43.5	2.51	Peak	1.00	100	Vertical	Pass
2	163.042	33.33	-23.39	43.5	10.17	Peak	5.00	100	Vertical	Pass
3	254.963	35.43	-19.97	46.0	10.57	Peak	4.00	100	Vertical	Pass
4	417.032	38.36	-15.00	46.0	7.64	Peak	179.00	100	Vertical	Pass
5	395.262	38.51	-16.04	46.0	7.49	Peak	3.00	100	Vertical	Pass
6	881.471	39.60	-5.59	46.0	6.40	Peak	4.00	100	Vertical	Pass

Prüfbericht - Nr.:

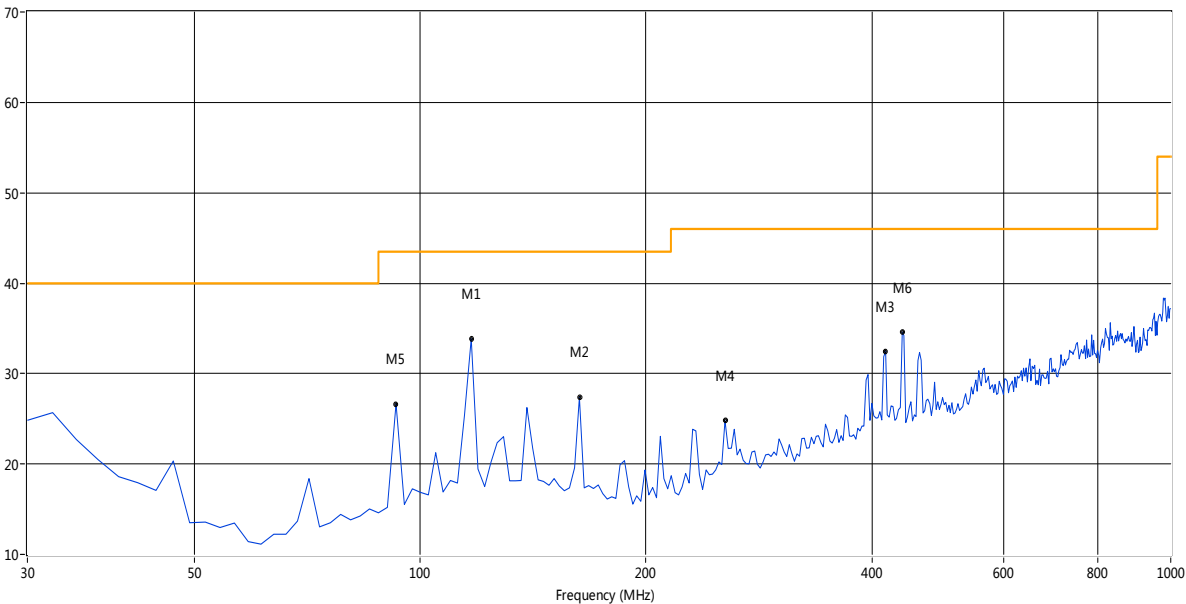
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RE_FCC Test Case_FCC 15B 30MHz-1GHz-0702



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	117.082	33.87	-22.67	43.5	9.63	Peak	0.00	100	Vertical	Pass
2	163.042	27.40	-23.39	43.5	16.10	Peak	2.00	100	Vertical	Pass
3	417.032	32.45	-15.00	46.0	13.55	Peak	314.00	100	Vertical	Pass
4	254.963	24.79	-19.97	46.0	21.21	Peak	5.00	100	Vertical	Pass
5	92.893	26.67	-25.08	43.5	16.83	Peak	3.00	100	Vertical	Pass
6	438.803	34.61	-14.94	46.0	11.39	Peak	4.00	100	Vertical	Pass

Prüfbericht - Nr.:

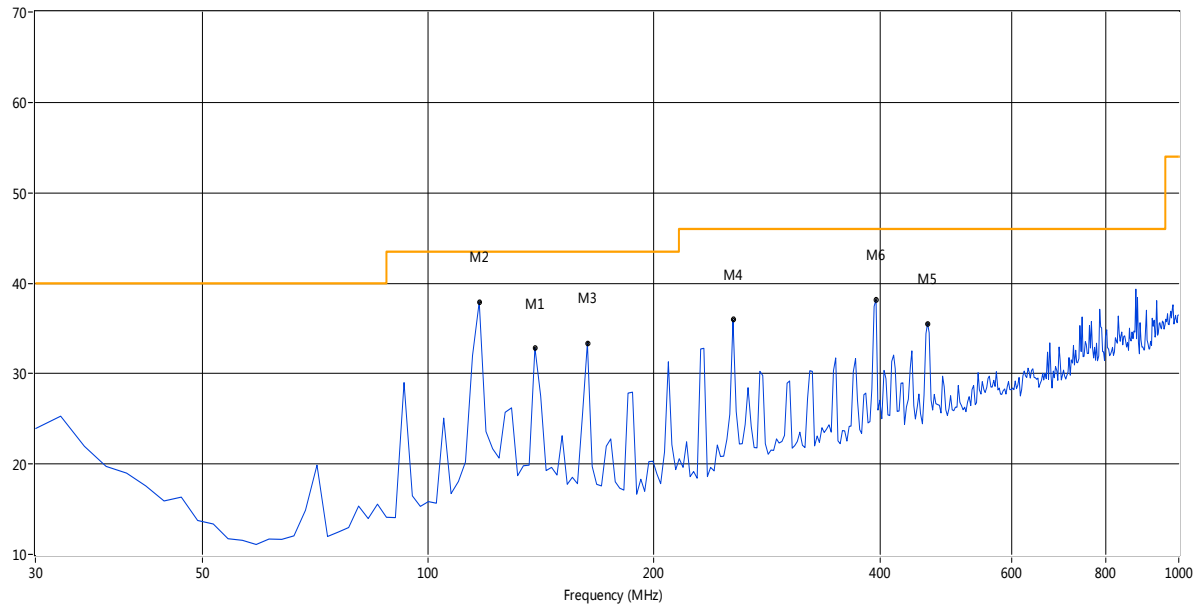
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RE_FCC Test Case_FCC 15B 30MHz-1GHz-0702



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	138.853	32.88	-22.41	43.5	10.62	Peak	147.00	100	Vertical	Pass
2	117.082	40.92	-22.67	43.5	2.58	Peak	3.00	100	Vertical	Pass
3	163.042	33.40	-23.39	43.5	10.10	Peak	2.00	100	Vertical	Pass
4	254.963	35.95	-19.97	46.0	10.05	Peak	2.00	100	Vertical	Pass
5	462.993	35.55	-14.27	46.0	10.45	Peak	16.00	100	Vertical	Pass
6	395.262	38.20	-16.04	46.0	7.80	Peak	0.00	100	Vertical	Pass

Prüfbericht - Nr.:

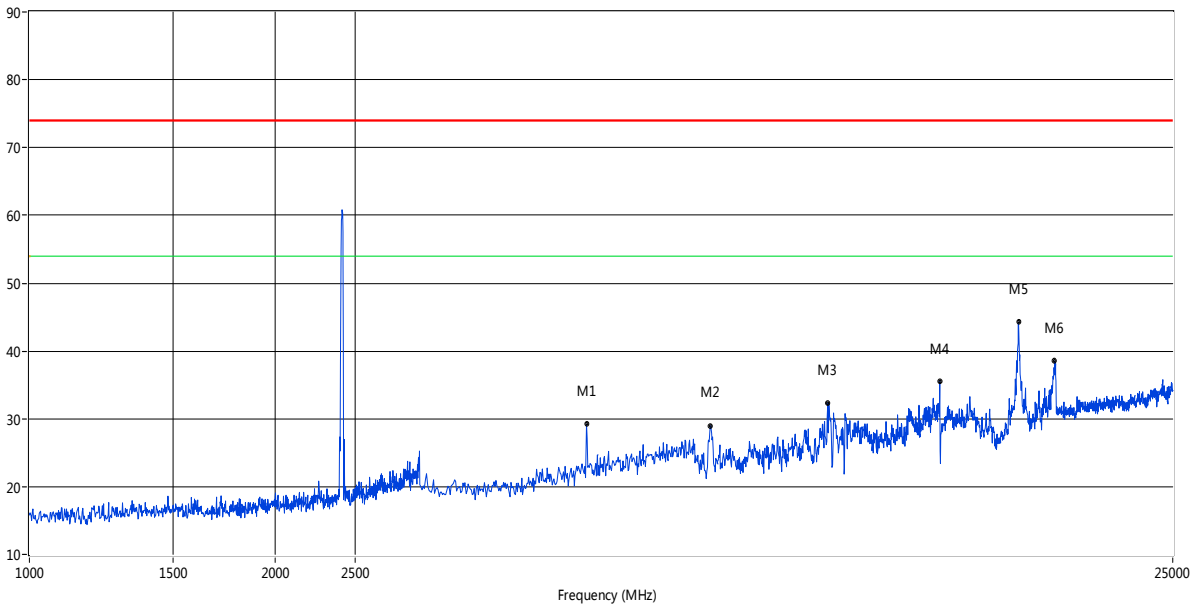
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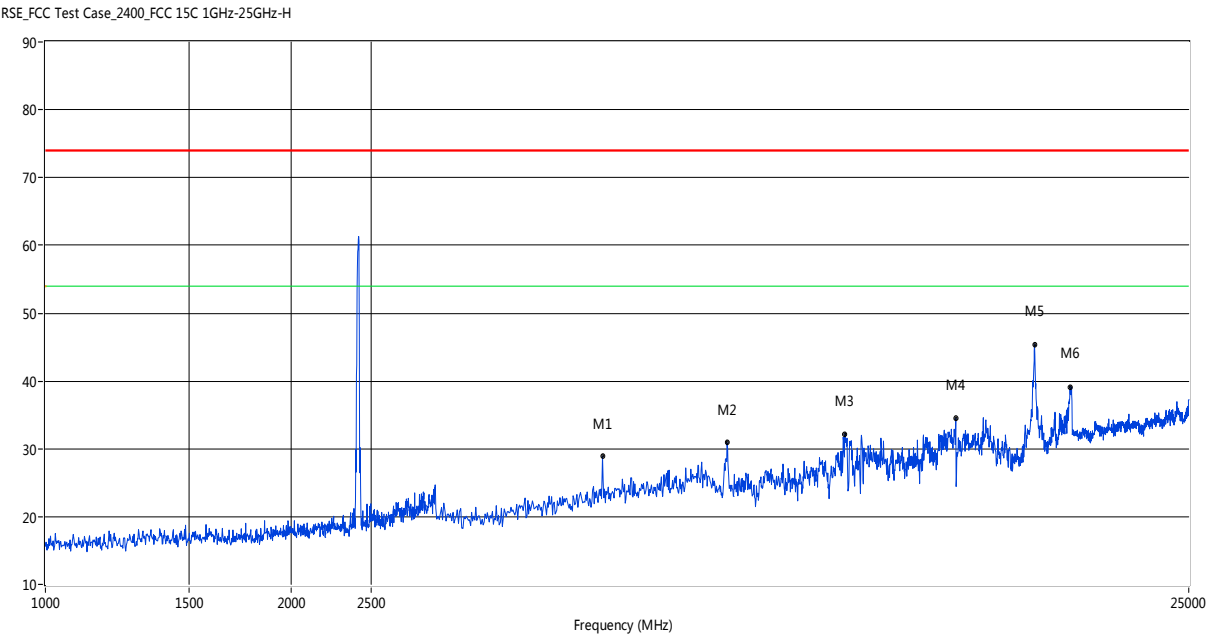
RSE_FCC Test Case_2400_FCC 15C 1GHz-25GHz-V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	4798.202	29.21	-23.06	74.0	44.79	Peak	2.30	100	Vertical	Pass
2	6806.194	28.97	-18.99	74.0	45.03	Peak	360.00	100	Vertical	Pass
3	9463.536	32.36	-13.85	74.0	41.64	Peak	5.90	100	Vertical	Pass
4	12980.020	35.52	-12.43	74.0	38.48	Peak	149.60	100	Vertical	Pass
5	16200.799	44.28	-7.66	74.0	29.72	Peak	97.70	100	Vertical	Pass
6	17939.061	38.57	-12.66	74.0	35.43	Peak	221.30	100	Vertical	Pass

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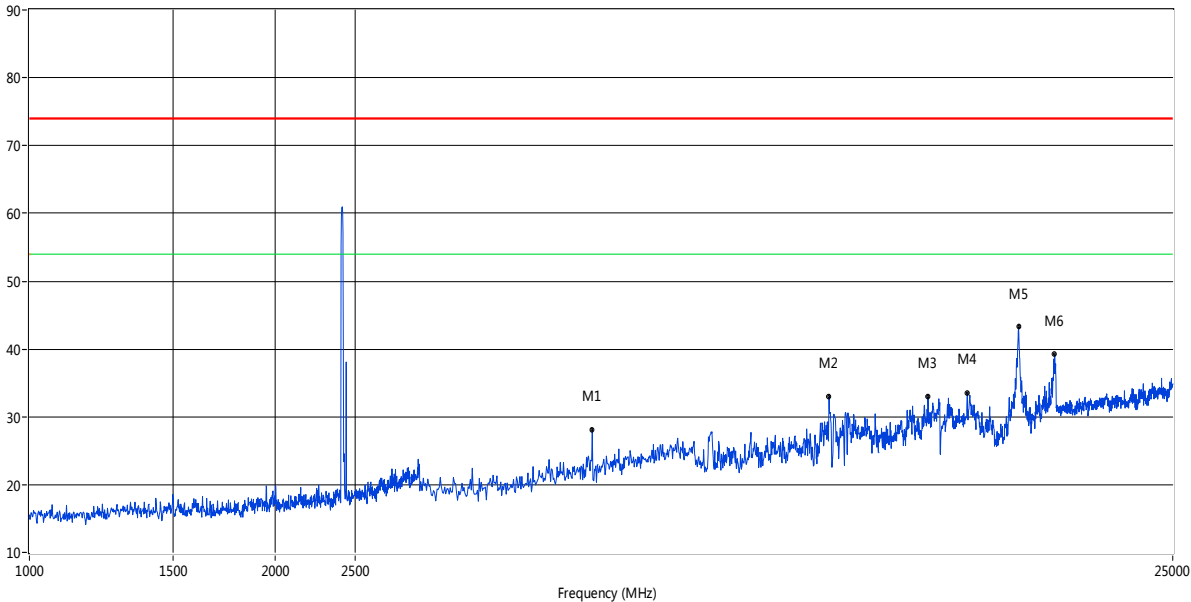


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	4798.202	28.87	-23.06	74.0	45.13	Peak	298.30	100	Vertical	Pass
2	6816.184	30.92	-18.86	74.0	43.08	Peak	160.40	100	Vertical	Pass
3	9503.497	32.24	-12.39	74.0	41.76	Peak	144.10	100	Vertical	Pass
4	12980.020	34.52	-12.43	74.0	39.48	Peak	2.80	100	Vertical	Pass
5	16200.799	45.38	-7.66	74.0	28.62	Peak	189.30	100	Vertical	Pass
6	17939.061	39.16	-12.66	74.0	34.84	Peak	326.60	100	Vertical	Pass

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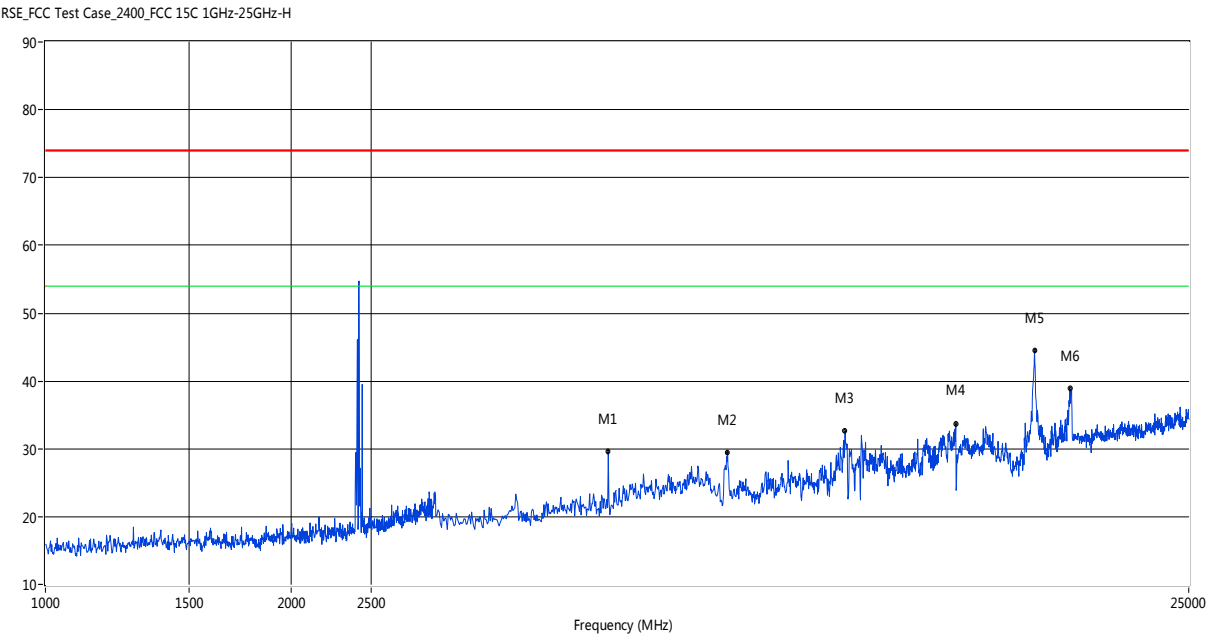
RSE_FCC Test Case_2400_FCC 15C 1GHz-25GHz-V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	4878.122	28.14	-23.29	74.0	45.86	Peak	281.10	100	Vertical	Pass
2	9503.497	33.00	-12.39	74.0	41.00	Peak	133.80	100	Vertical	Pass
3	12550.450	33.00	-13.78	74.0	41.00	Peak	4.50	100	Vertical	Pass
4	14018.981	33.58	-19.34	74.0	40.42	Peak	304.60	100	Vertical	Pass
5	16200.799	43.29	-7.66	74.0	30.71	Peak	72.10	100	Vertical	Pass
6	17939.061	39.21	-12.66	74.0	34.79	Peak	196.80	100	Vertical	Pass

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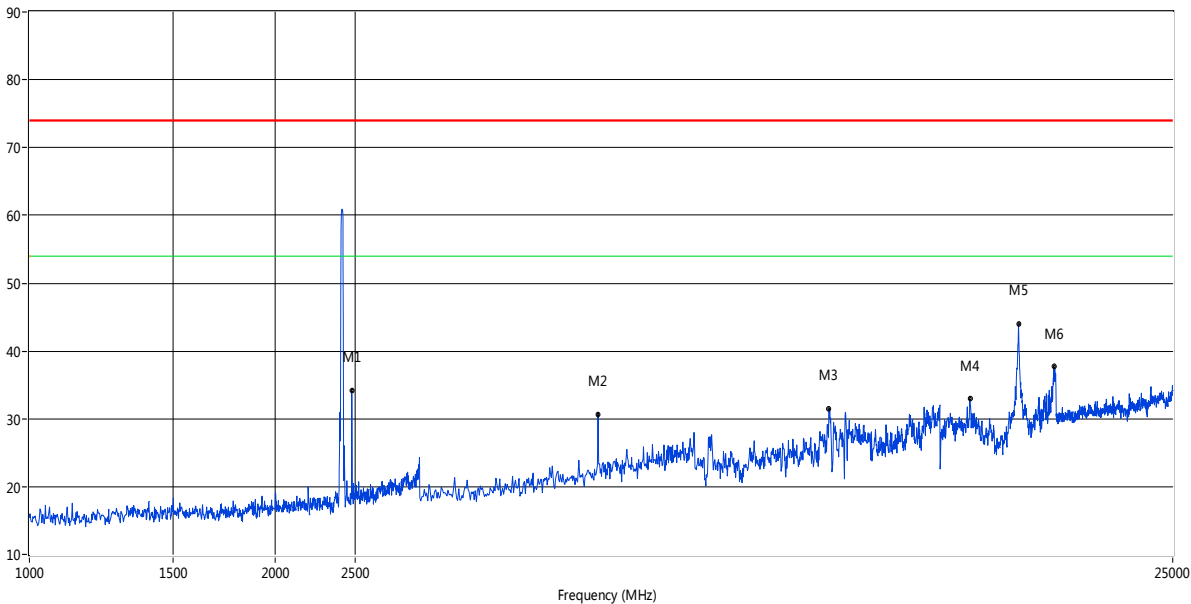


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	4878.122	29.57	-23.29	74.0	44.43	Peak	135.50	100	Vertical	Pass
2	6826.174	29.43	-18.95	74.0	44.57	Peak	240.90	100	Vertical	Pass
3	9503.497	32.59	-12.39	74.0	41.41	Peak	240.90	100	Vertical	Pass
4	12980.020	33.70	-12.43	74.0	40.30	Peak	177.70	100	Vertical	Pass
5	16200.799	44.47	-7.66	74.0	29.53	Peak	261.80	100	Vertical	Pass
6	17903.097	38.85	-12.83	74.0	35.15	Peak	358.50	100	Vertical	Pass

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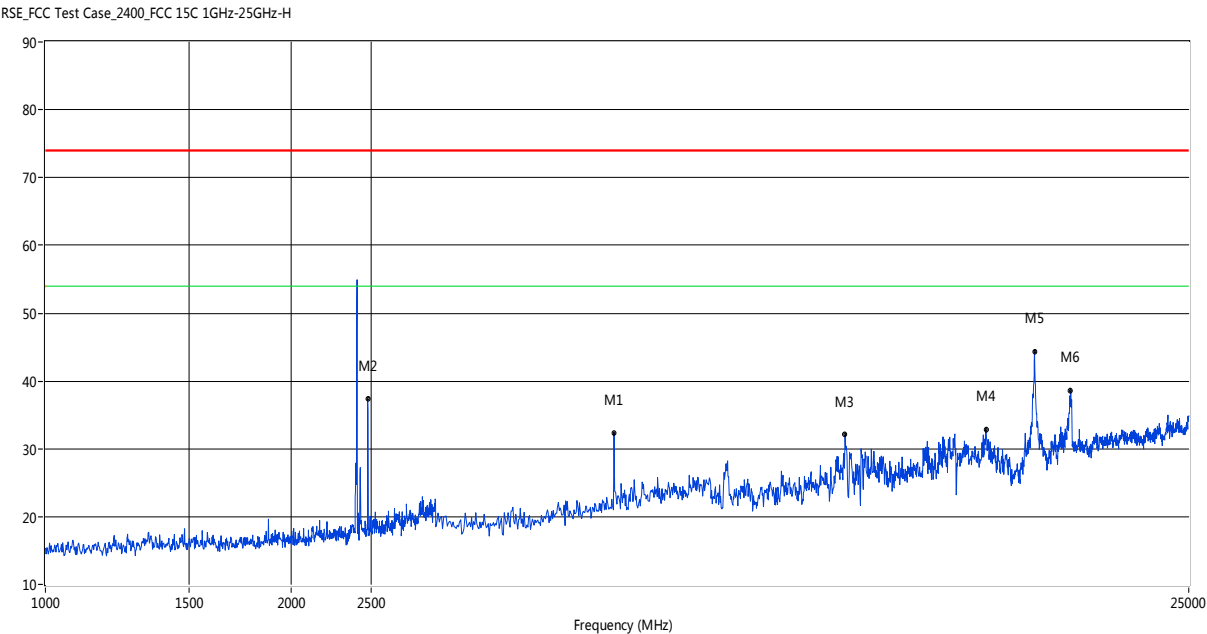
RSE_FCC Test Case_2400_FCC 15C 1GHz-25GHz-V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2478.521	34.16	-15.80	74.0	39.84	Peak	105.50	100	Vertical	Pass
2	4958.042	30.67	-23.11	74.0	43.33	Peak	330.80	100	Vertical	Pass
3	9503.497	31.51	-12.39	74.0	42.49	Peak	360.00	100	Vertical	Pass
4	14126.873	32.93	-19.13	74.0	41.07	Peak	353.30	100	Vertical	Pass
5	16200.799	44.00	-7.66	74.0	30.00	Peak	311.30	100	Vertical	Pass
6	17903.097	37.66	-12.83	74.0	36.34	Peak	316.90	100	Vertical	Pass

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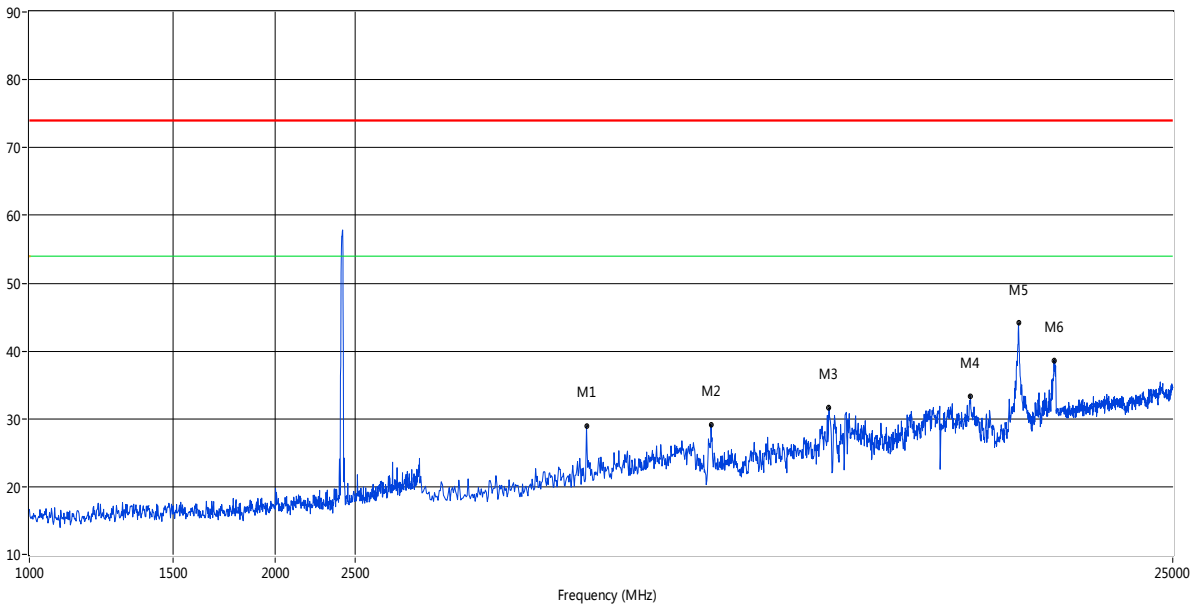


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	4958.042	32.33	-23.11	74.0	41.67	Peak	324.30	100	Vertical	Pass
2	2478.521	37.40	-15.80	74.0	36.60	Peak	267.70	100	Vertical	Pass
3	9503.497	32.13	-12.39	74.0	41.87	Peak	113.70	100	Vertical	Pass
4	14126.873	32.85	-19.13	74.0	41.15	Peak	195.40	100	Vertical	Pass
5	16200.799	44.41	-7.66	74.0	29.59	Peak	351.60	100	Vertical	Pass
6	17939.061	38.62	-12.66	74.0	35.38	Peak	351.60	100	Vertical	Pass

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RSE_FCC Test Case_2400_FCC 15C 1GHz-25GHz-V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	4798.202	28.96	-23.06	74.0	45.04	Peak	2.30	100	Vertical	Pass
2	6816.184	29.19	-18.86	74.0	44.81	Peak	148.30	100	Vertical	Pass
3	9503.497	31.64	-12.39	74.0	42.36	Peak	31.50	100	Vertical	Pass
4	14150.849	33.33	-20.17	74.0	40.67	Peak	1.60	100	Vertical	Pass
5	16200.799	44.10	-7.66	74.0	29.90	Peak	125.00	100	Vertical	Pass
6	17939.061	38.66	-12.66	74.0	35.34	Peak	136.20	100	Vertical	Pass

Prüfbericht - Nr.:

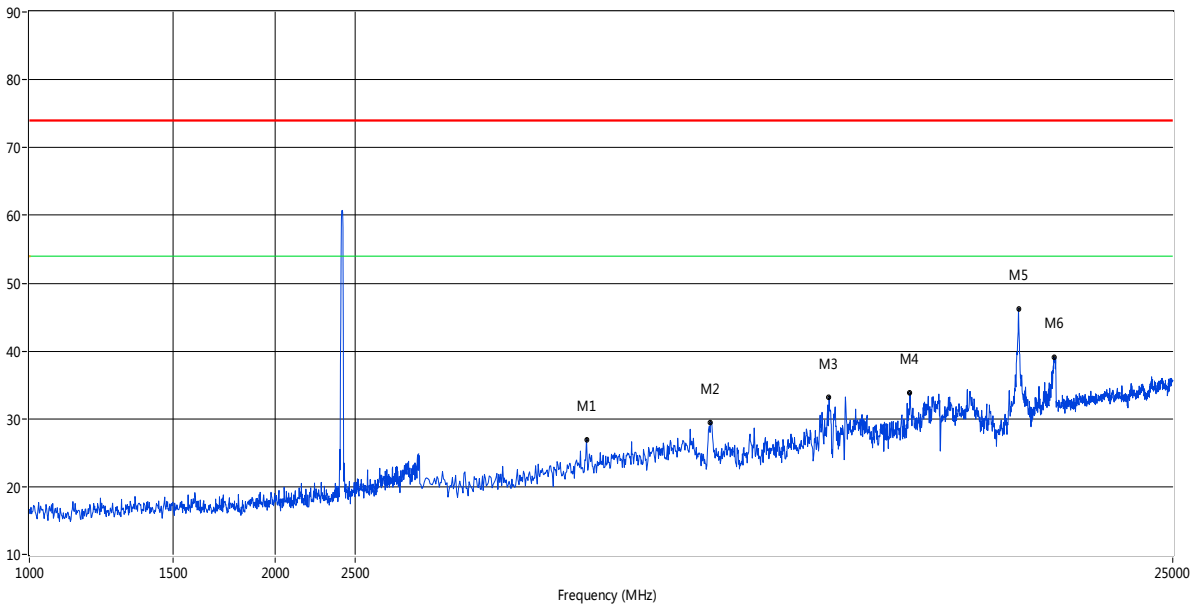
16083659 001

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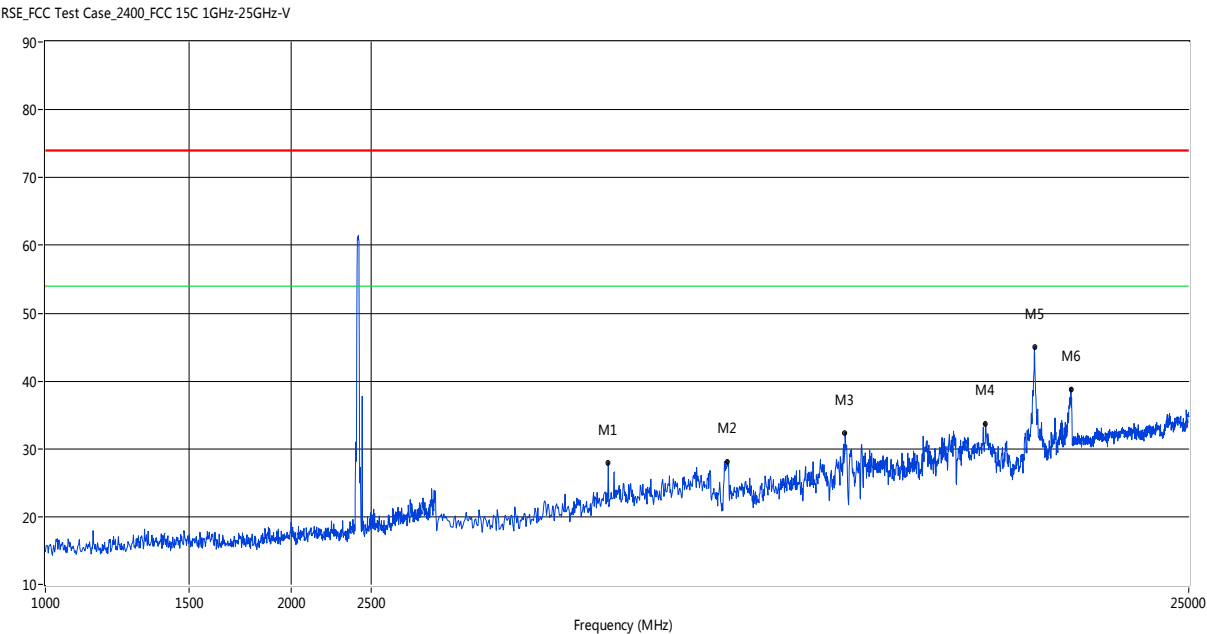
RSE_FCC Test Case_2400_FCC 15C 1GHz-25GHz-H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	4798.202	26.99	-23.06	74.0	47.01	Peak	156.90	100	Vertical	Pass
2	6806.194	29.53	-18.99	74.0	44.47	Peak	135.70	100	Vertical	Pass
3	9503.497	33.25	-12.39	74.0	40.75	Peak	253.70	100	Vertical	Pass
4	11931.069	33.91	-13.69	74.0	40.09	Peak	280.80	100	Vertical	Pass
5	16200.799	46.24	-7.66	74.0	27.76	Peak	83.50	100	Vertical	Pass
6	17939.061	39.10	-12.66	74.0	34.90	Peak	198.00	100	Vertical	Pass

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No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	4878.122	27.89	-23.29	74.0	46.11	Peak	299.40	100	Vertical	Pass
2	6816.184	28.12	-18.86	74.0	45.88	Peak	358.20	100	Vertical	Pass
3	9503.497	32.34	-12.39	74.0	41.66	Peak	9.70	100	Vertical	Pass
4	14114.885	33.71	-19.47	74.0	40.29	Peak	264.00	100	Vertical	Pass
5	16200.799	45.00	-7.66	74.0	29.00	Peak	313.10	100	Vertical	Pass
6	17951.049	38.82	-13.74	74.0	35.18	Peak	349.60	100	Vertical	Pass

Prüfbericht - Nr.:

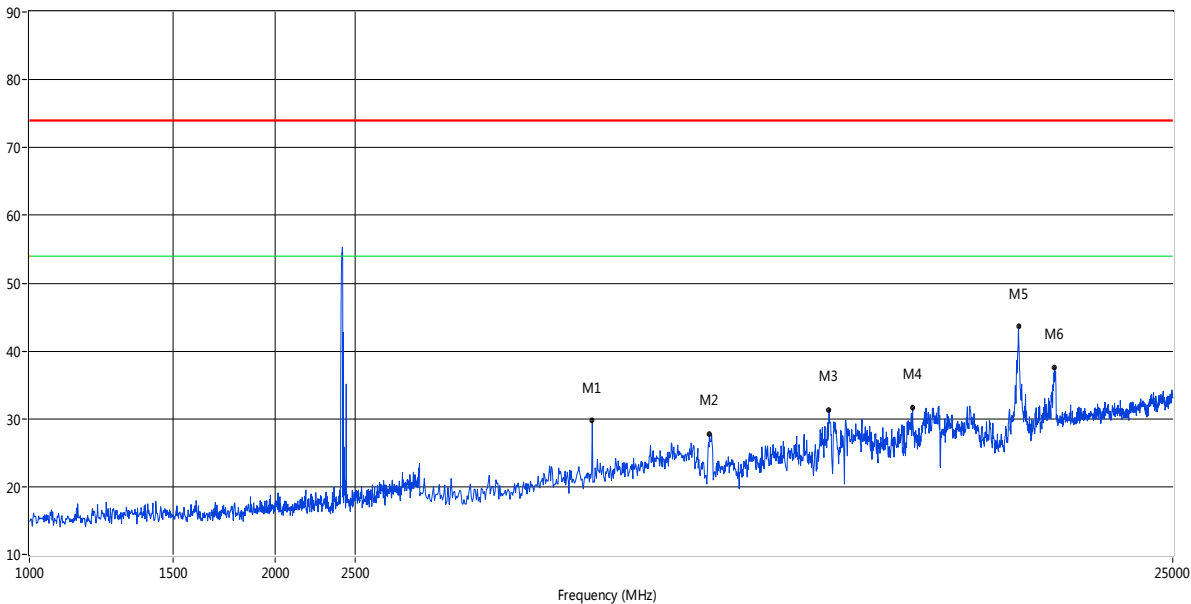
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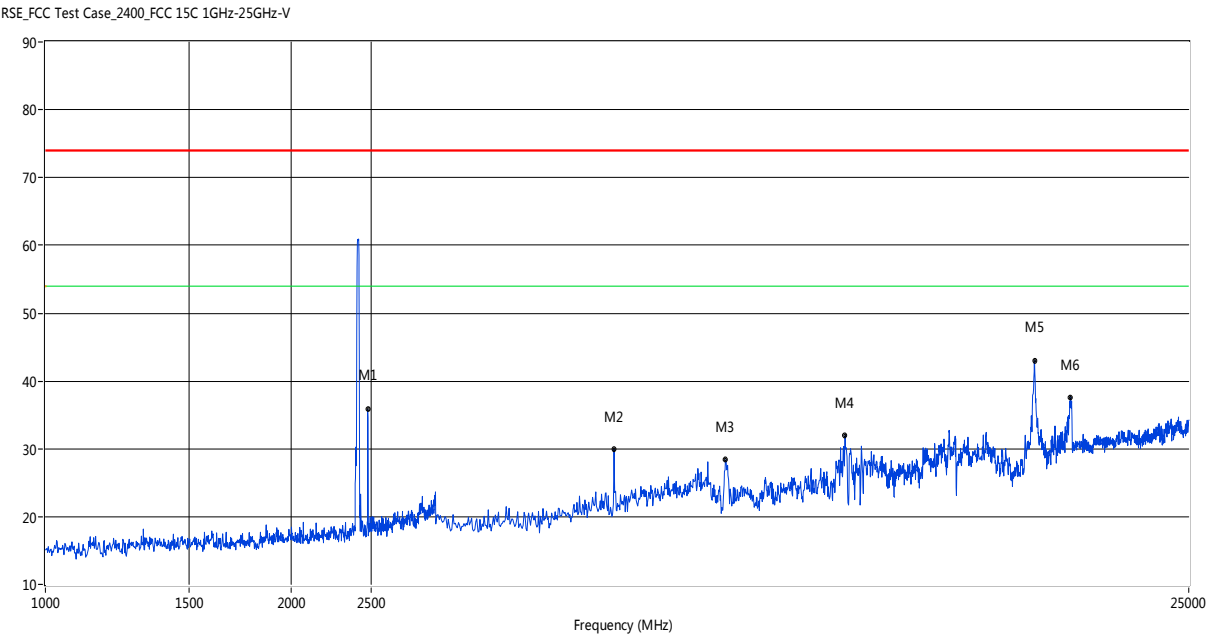
RSE_FCC Test Case_2400_FCC 15C 1GHz-25GHz-H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	4878.122	29.71	-23.29	74.0	44.29	Peak	132.10	100	Vertical	Pass
2	6786.214	27.75	-19.06	74.0	46.25	Peak	83.50	100	Vertical	Pass
3	9503.497	31.31	-12.39	74.0	42.69	Peak	194.20	100	Vertical	Pass
4	12020.979	31.58	-14.09	74.0	42.42	Peak	173.40	100	Vertical	Pass
5	16200.799	43.65	-7.66	74.0	30.35	Peak	337.40	100	Vertical	Pass
6	17939.061	37.58	-12.66	74.0	36.42	Peak	219.10	100	Vertical	Pass

Prüfbericht - Nr.: 16083659 001
Test Report No.

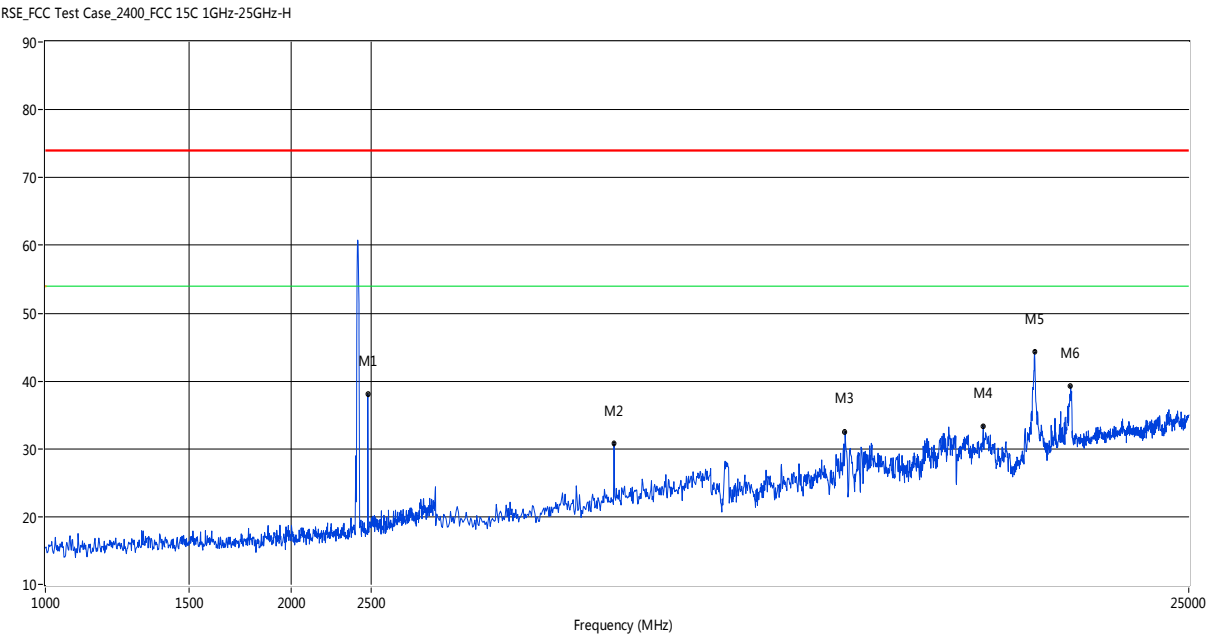
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No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2478.521	35.83	-15.80	74.0	38.17	Peak	115.50	100	Vertical	Pass
2	4958.042	29.90	-23.11	74.0	44.10	Peak	357.60	100	Vertical	Pass
3	6786.214	28.37	-19.06	74.0	45.63	Peak	3.10	100	Vertical	Pass
4	9503.497	31.95	-12.39	74.0	42.05	Peak	0.00	100	Vertical	Pass
5	16200.799	42.99	-7.66	74.0	31.01	Peak	99.50	100	Vertical	Pass
6	17939.061	37.56	-12.66	74.0	36.44	Peak	21.90	100	Vertical	Pass

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No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2480.519	38.05	-15.81	74.0	35.95	Peak	255.50	100	Vertical	Pass
2	4958.042	30.77	-23.11	74.0	43.23	Peak	135.60	100	Vertical	Pass
3	9503.497	32.56	-12.39	74.0	41.44	Peak	327.30	100	Vertical	Pass
4	14018.981	33.36	-19.34	74.0	40.64	Peak	158.80	100	Vertical	Pass
5	16200.799	44.29	-7.66	74.0	29.71	Peak	58.40	100	Vertical	Pass
6	17939.061	39.19	-12.66	74.0	34.81	Peak	235.00	100	Vertical	Pass

Prüfbericht - Nr.:

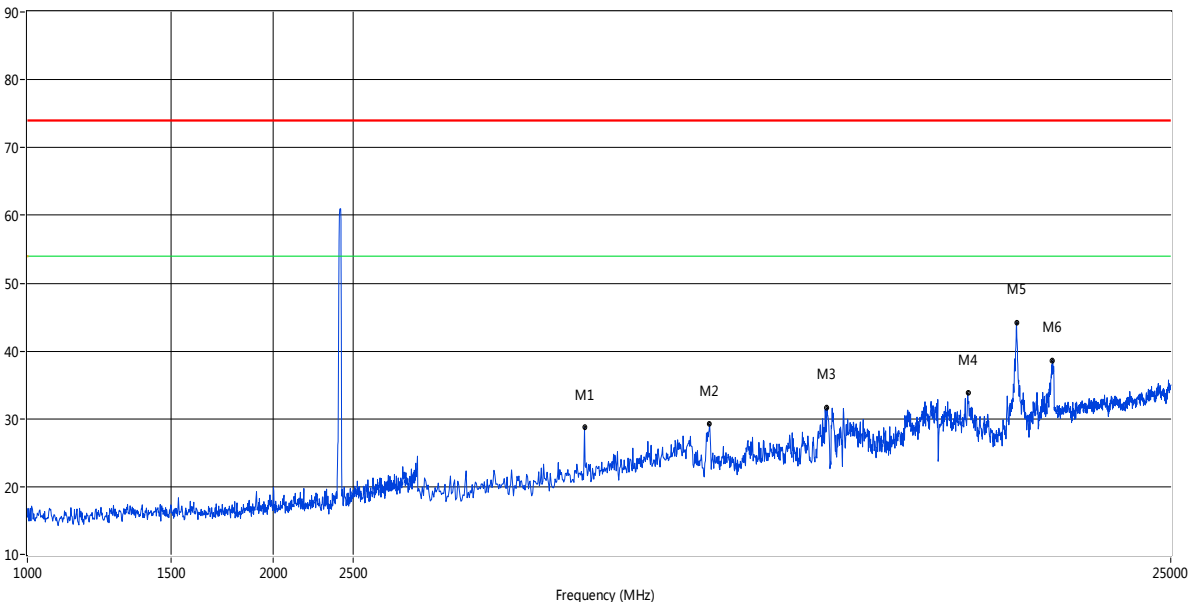
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RSE_FCC Test Case_2400_FCC 15C 1GHz-25GHz-V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	4798.202	28.71	-23.06	74.0	45.29	Peak	6.20	100	Vertical	Pass
2	6826.174	29.23	-18.95	74.0	44.77	Peak	278.60	100	Vertical	Pass
3	9503.497	31.64	-12.39	74.0	42.36	Peak	114.00	100	Vertical	Pass
4	14126.873	33.81	-19.13	74.0	40.19	Peak	162.10	100	Vertical	Pass
5	16200.799	44.25	-7.66	74.0	29.75	Peak	309.80	100	Vertical	Pass
6	17939.061	38.58	-12.66	74.0	35.42	Peak	194.90	100	Vertical	Pass

Prüfbericht - Nr.:

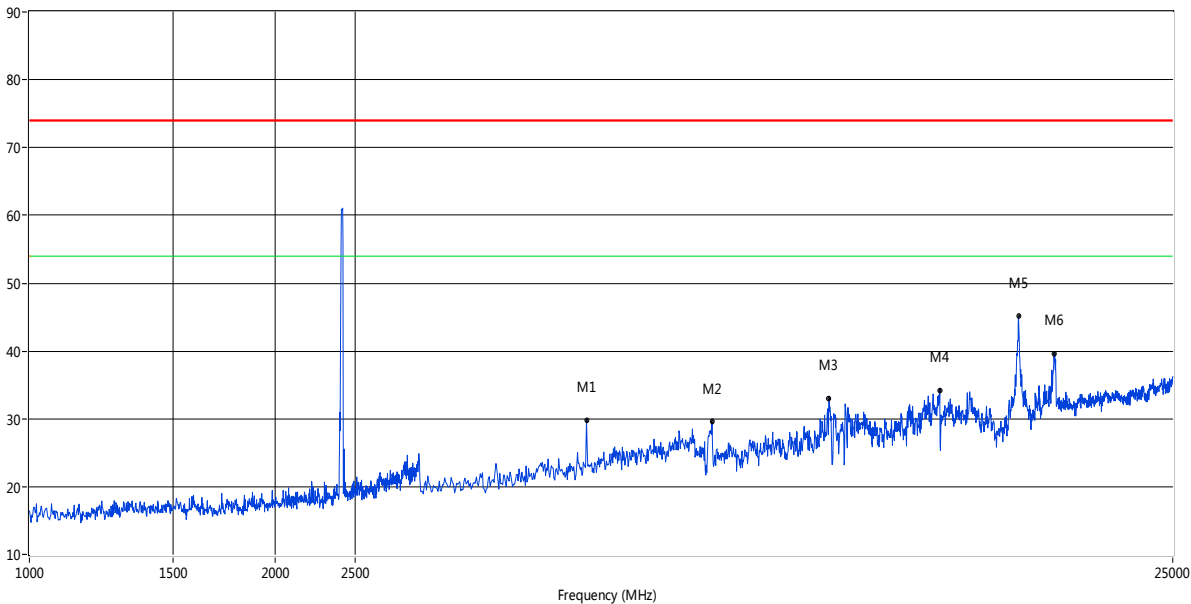
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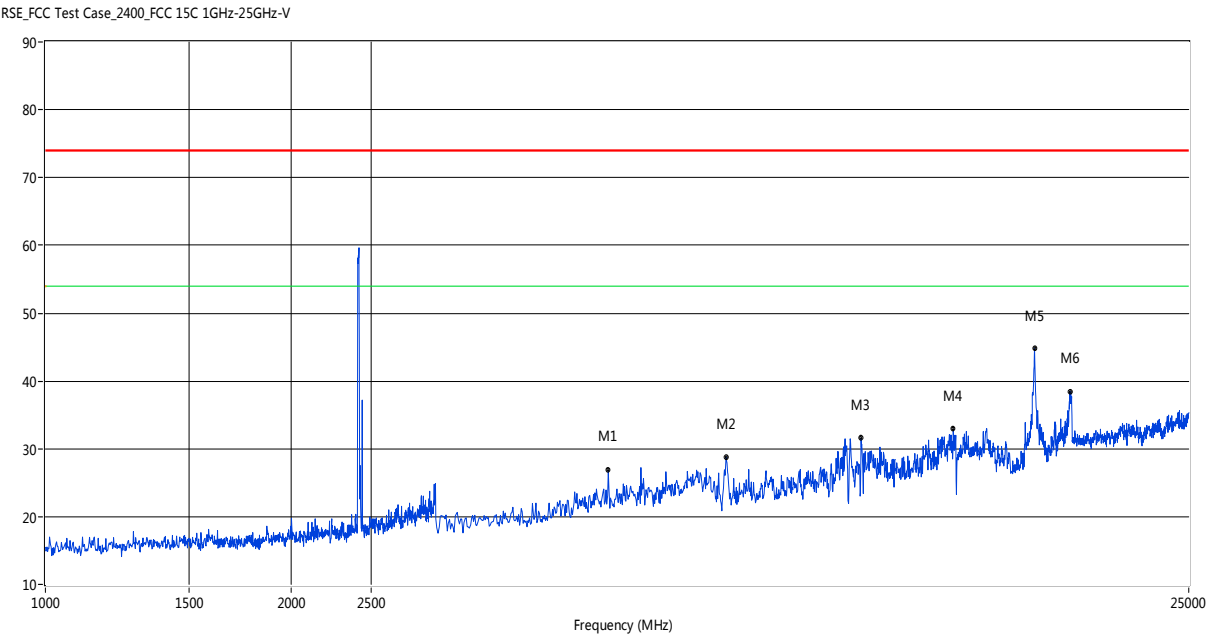
RSE_FCC Test Case_2400_FCC 15C 1GHz-25GHz-H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	4798.202	29.83	-23.06	74.0	44.17	Peak	300.40	100	Vertical	Pass
2	6836.164	29.59	-19.18	74.0	44.41	Peak	125.80	100	Vertical	Pass
3	9503.497	33.04	-12.39	74.0	40.96	Peak	125.80	100	Vertical	Pass
4	12980.020	34.20	-12.43	74.0	39.80	Peak	67.50	100	Vertical	Pass
5	16200.799	45.15	-7.66	74.0	28.85	Peak	279.30	100	Vertical	Pass
6	17939.061	39.66	-12.66	74.0	34.34	Peak	0.00	100	Vertical	Pass

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No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	4878.122	26.83	-23.29	74.0	47.17	Peak	159.50	100	Vertical	Pass
2	6796.204	28.82	-19.07	74.0	45.18	Peak	329.60	100	Vertical	Pass
3	9943.057	31.60	-14.62	74.0	42.40	Peak	261.10	100	Vertical	Pass
4	12880.120	32.92	-13.95	74.0	41.08	Peak	138.30	100	Vertical	Pass
5	16200.799	44.82	-7.66	74.0	29.18	Peak	228.60	100	Vertical	Pass
6	17903.097	38.44	-12.83	74.0	35.56	Peak	352.80	100	Vertical	Pass

Prüfbericht - Nr.:

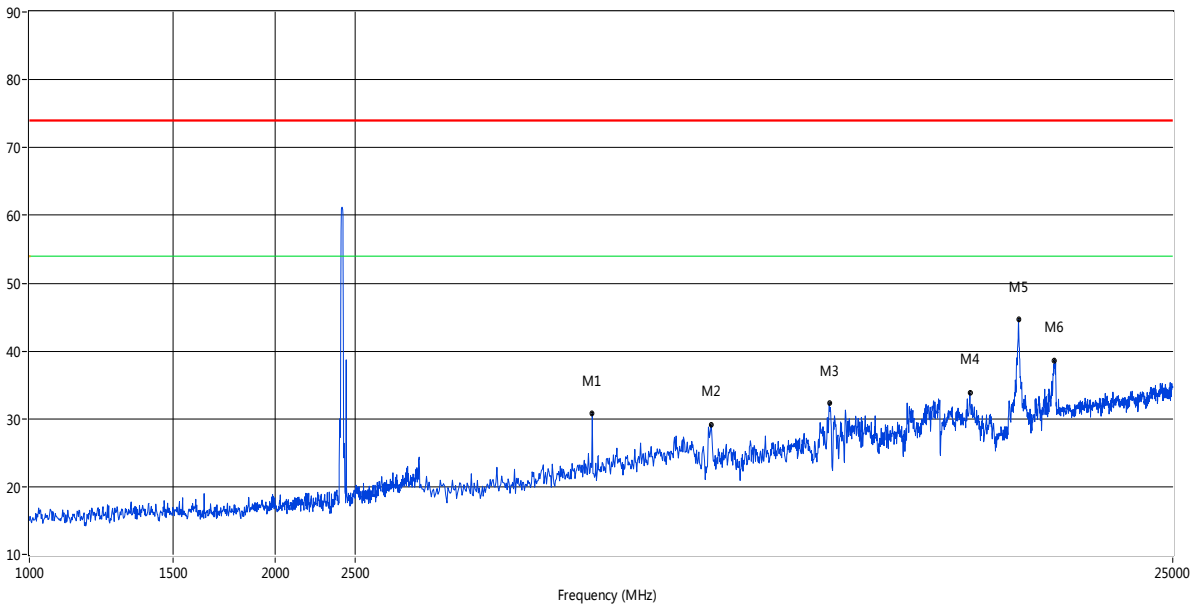
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RSE_FCC Test Case_2400_FCC 15C 1GHz-25GHz-H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	4878.122	30.77	-23.29	74.0	43.23	Peak	128.20	100	Vertical	Pass
2	6816.184	29.13	-18.86	74.0	44.87	Peak	112.20	100	Vertical	Pass
3	9513.487	32.27	-13.37	74.0	41.73	Peak	313.60	100	Vertical	Pass
4	14126.873	33.85	-19.13	74.0	40.15	Peak	25.50	100	Vertical	Pass
5	16200.799	44.64	-7.66	74.0	29.36	Peak	91.70	100	Vertical	Pass
6	17939.061	38.66	-12.66	74.0	35.34	Peak	102.80	100	Vertical	Pass

Prüfbericht - Nr.:

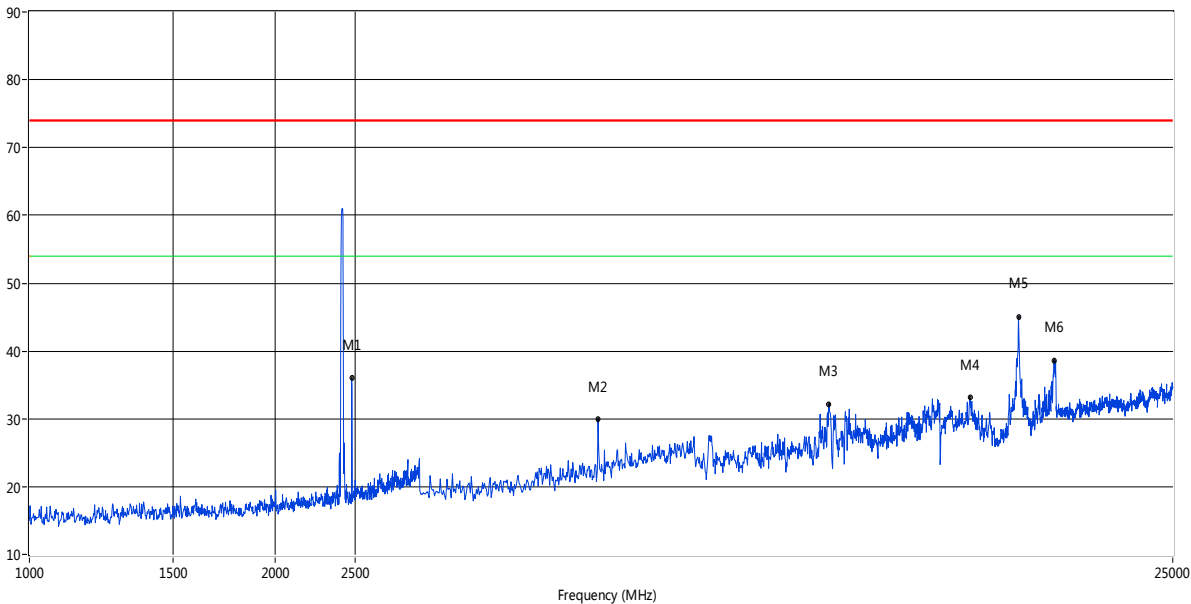
16083659 001

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RSE_FCC Test Case_2400_FCC 15C 1GHz-25GHz-V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2478.521	36.01	-15.80	74.0	37.99	Peak	156.70	100	Vertical	Pass
2	4958.042	29.93	-23.11	74.0	44.07	Peak	329.20	100	Vertical	Pass
3	9503.497	32.19	-12.39	74.0	41.81	Peak	329.20	100	Vertical	Pass
4	14126.873	33.12	-19.13	74.0	40.88	Peak	74.70	100	Vertical	Pass
5	16200.799	45.04	-7.66	74.0	28.96	Peak	184.60	100	Vertical	Pass
6	17903.097	38.66	-12.83	74.0	35.34	Peak	7.10	100	Vertical	Pass

Prüfbericht - Nr.:

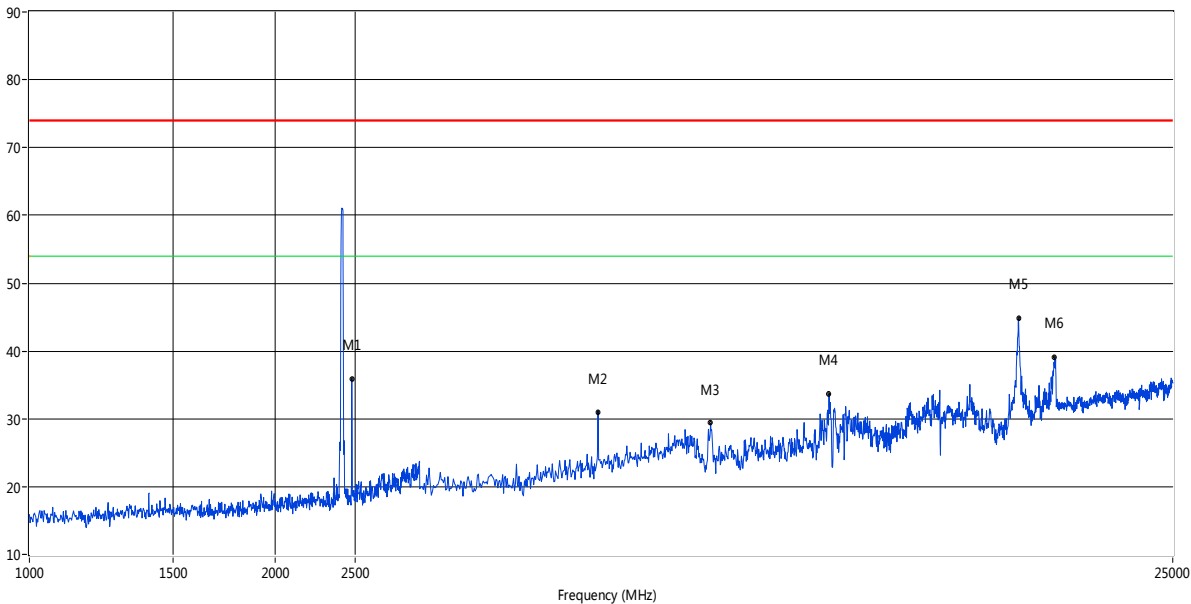
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Test Report No.

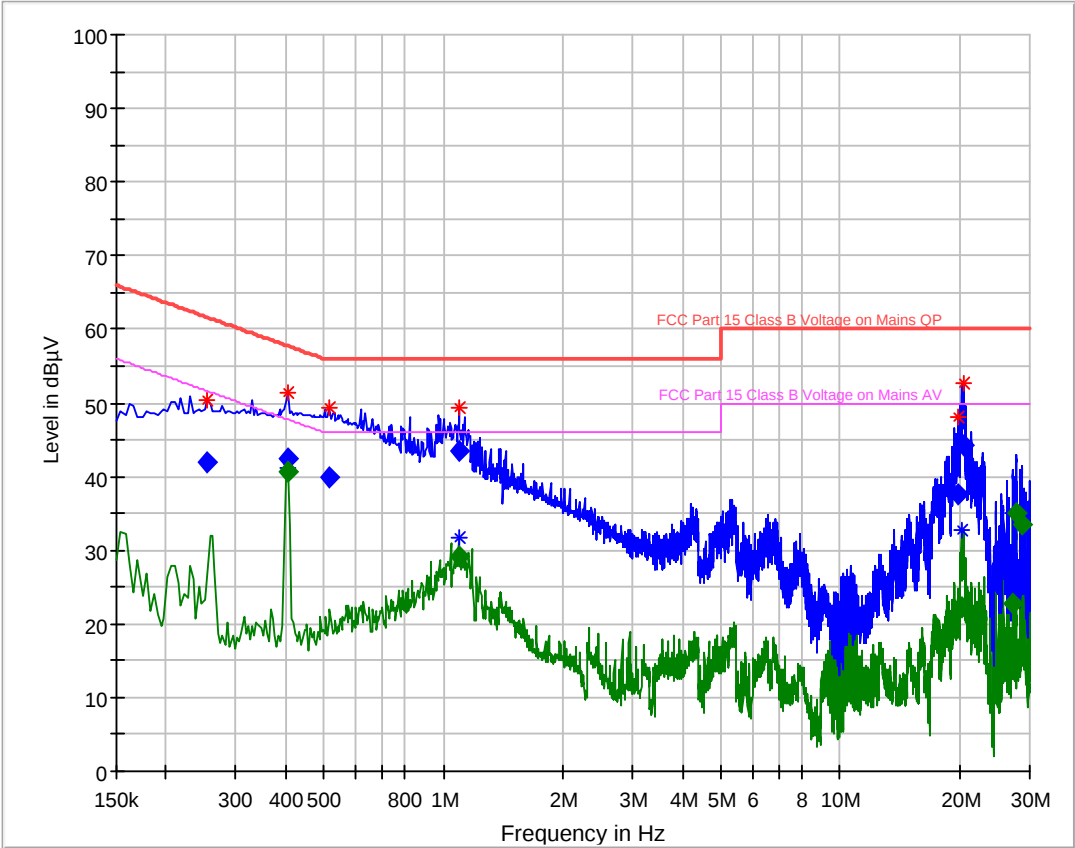
RSE_FCC Test Case_2400_FCC 15C 1GHz-25GHz-H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2478.521	35.86	-15.80	74.0	38.14	Peak	292.30	100	Vertical	Pass
2	4958.042	31.01	-23.11	74.0	42.99	Peak	306.50	100	Vertical	Pass
3	6806.194	29.39	-18.99	74.0	44.61	Peak	357.20	100	Vertical	Pass
4	9503.497	33.72	-12.39	74.0	40.28	Peak	153.90	100	Vertical	Pass
5	16200.799	44.91	-7.66	74.0	29.09	Peak	33.40	100	Vertical	Pass
6	17939.061	39.14	-12.66	74.0	34.86	Peak	360.00	100	Vertical	Pass

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Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.254000	41.90	---	61.63	19.73	1000.	9.000	L1	OFF	9.6
0.406000	42.39	---	57.73	15.34	1000.	9.000	N	OFF	9.7
0.406000	---	40.75	47.73	6.98	1000.	9.000	L1	OFF	9.7
0.514000	39.96	---	56.00	16.04	1000.	9.000	L1	OFF	9.6
1.090000	---	29.26	46.00	16.74	1000.	9.000	L1	OFF	9.6
1.094000	43.52	---	56.00	12.48	1000.	9.000	L1	OFF	9.6
19.754000	37.62	---	60.00	22.38	1000.	9.000	L1	OFF	9.9
20.274000	---	22.27	50.00	27.73	1000.	9.000	L1	OFF	9.9
20.542000	44.21	---	60.00	15.79	1000.	9.000	L1	OFF	10.0
27.094000	---	22.74	50.00	27.26	1000.	9.000	L1	OFF	10.1
27.882000	---	35.01	50.00	14.99	1000.	9.000	L1	OFF	10.0
28.694000	---	33.57	50.00	16.43	1000.	9.000	N	OFF	10.0