

Annex 202 – Test Results

No. 1-0083-25-02-15_TR1-A202-R01

April 01, 2026

Description

Test Result Diagrams

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2026.04.01 22:29:41 +02'00'

Timo Franke

Lab Manager

Compliance Testing & Innovation

1 Measurement diagrams

2.01_H-Field_CW

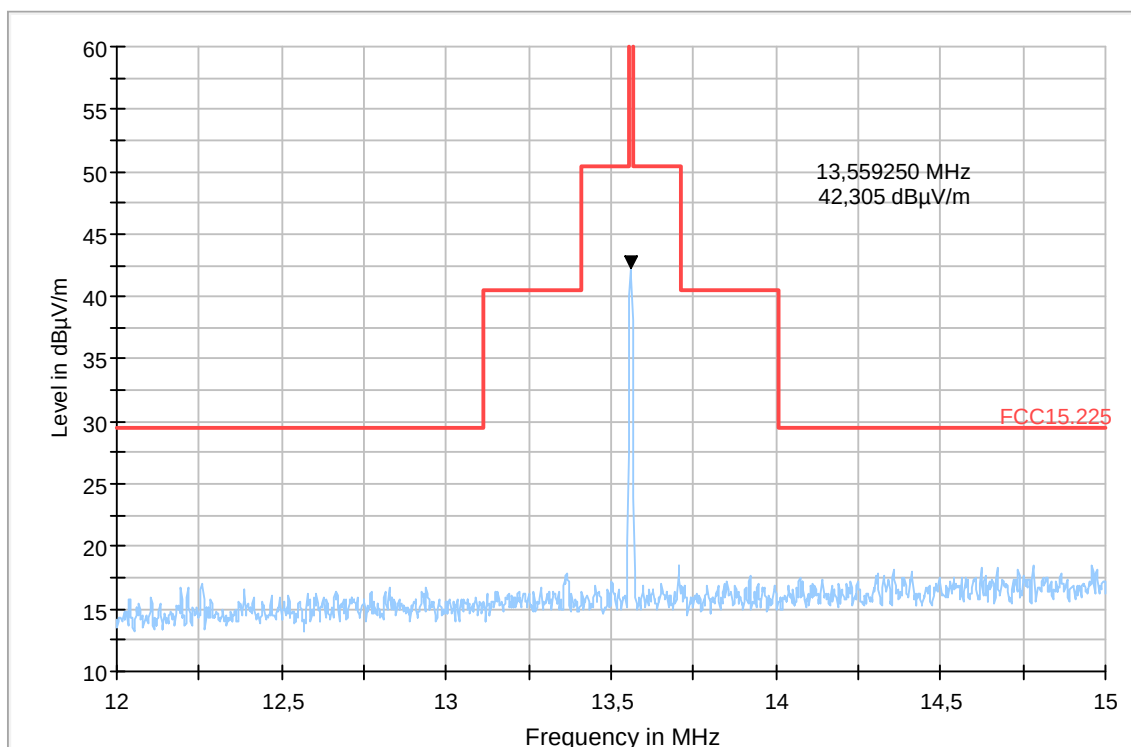
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.60.20
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	TFra
Operating Mode:	CW
Power during tests:	12 V DC Car-Battery
Environmental Conditions:	Humidity: 35 % rH; Temperature: 25 °C
EUT Setup:	1
Verdict:	Passed

EUT Information

EUT number:	57.301
AE:	CAB: 59.051 / Holder: 57.303
SN:	20260227_K03
Power:	12 V DC car battery

Full Spectrum



2.02_RSE_CW

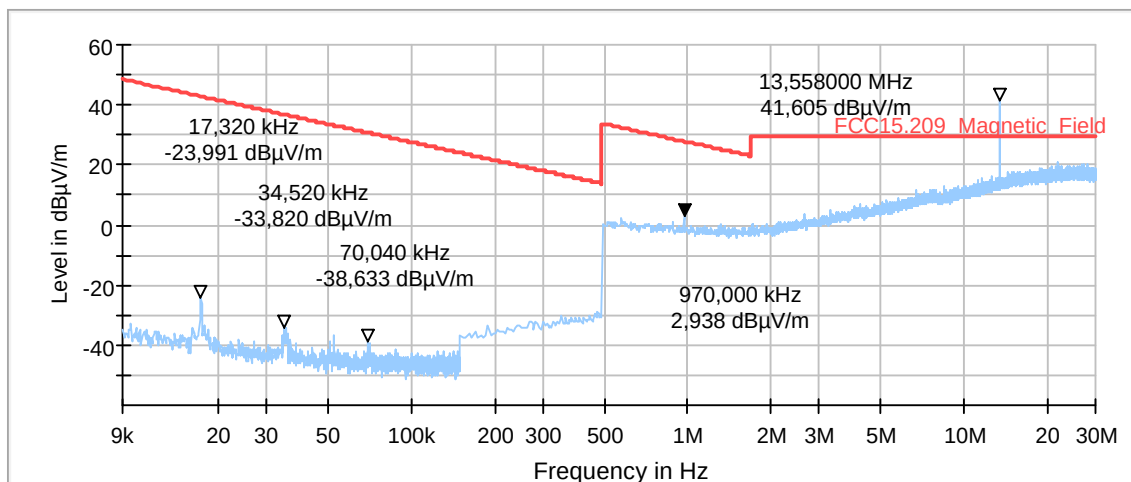
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.60.20
Distance correction:	used accord. table, pls. see test report
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Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	TFra
Operating Mode:	CW
Power during tests:	12 V DC Car-Battery
Environmental Conditions:	Humidity: 35 % rH; Temperature: 25 °C
EUT Setup:	1
Verdict:	Passed

EUT Information

EUT number:	57.301
AE:	CAB: 59.051 / Holder: 57.303
SN:	20260227_K03
Power:	12 V DC car battery

Full Spectrum



Remark: emission at 13.56 MHz is the wanted carrier frequency

2.03_H-Field_Polling

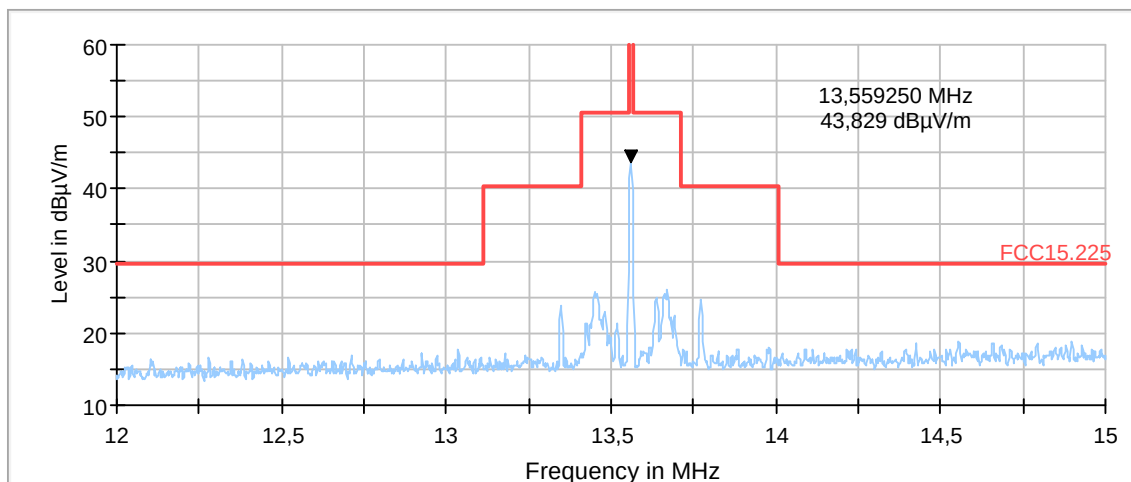
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.60.20
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	TFra
Operating Mode:	Polling
Power during tests:	12 V DC Car-Battery
Environmental Conditions:	Humidity: 35 % rH; Temperature: 25 °C
EUT Setup:	1
Verdict:	Passed

EUT Information

EUT number:	57.300
AE:	CAB: 59.051 / Holder: 57.299 / Card: 57.304
SN:	20260227_K06
Power:	12 V DC car battery

Full Spectrum



2.04_RSE_Polling

Common Information

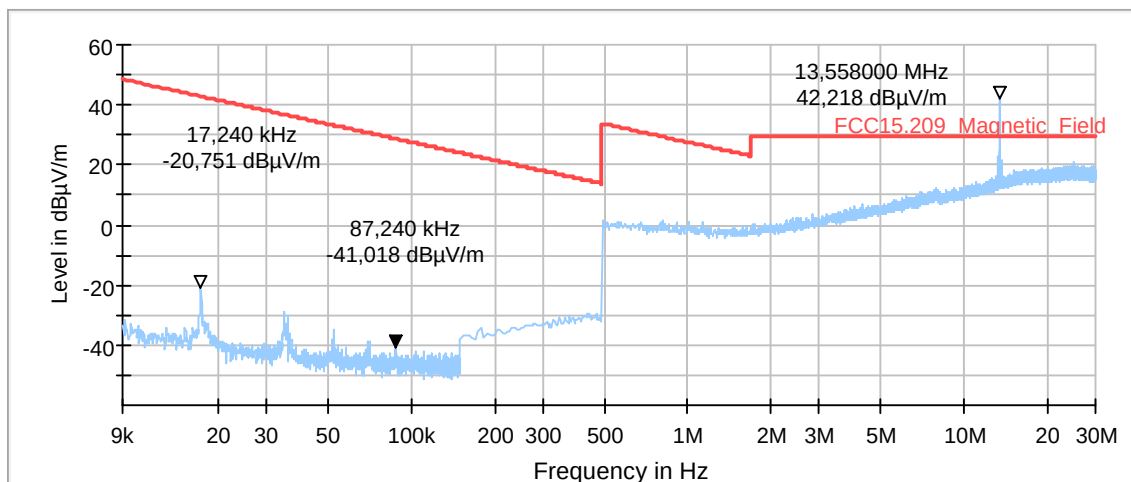
Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.60.20
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5

Operator:	TFra
Operating Mode:	Polling
Power during tests:	12 V DC Car-Battery
Environmental Conditions:	Humidity: 35 % rH; Temperature: 25 °C
EUT Setup:	1
Verdict:	Passed

EUT Information

EUT number:	57.300
AE:	CAB: 59.051 / Holder: 57.299 / Card: 57.304
SN:	20260227_K06
Power:	12 V DC car battery

Full Spectrum



Remark: emission at 13.56 MHz is the wanted carrier frequency

3.01_RSE_CW_30M-1G

Common Information

Test Description: Radiated field strength emission in 3m distance in SAC3 anechoic chamber

Test Site: cetecom advanced GmbH (Lab location: Essen)

Test Standard: FCC 15.205&15.209 & RSS Gen. Issue 5

Antenna polarisation: horizontal/vertical

Environmental Conditions: Humidity: 50 %rH; Temperature: 20 °C

Operator Name: TFra

Operating Mode: CW

Comment: Frequencies 934.72MHz & 792.04MHz due external cellular interferers, not relevant for results verdict

Verdict: Passed

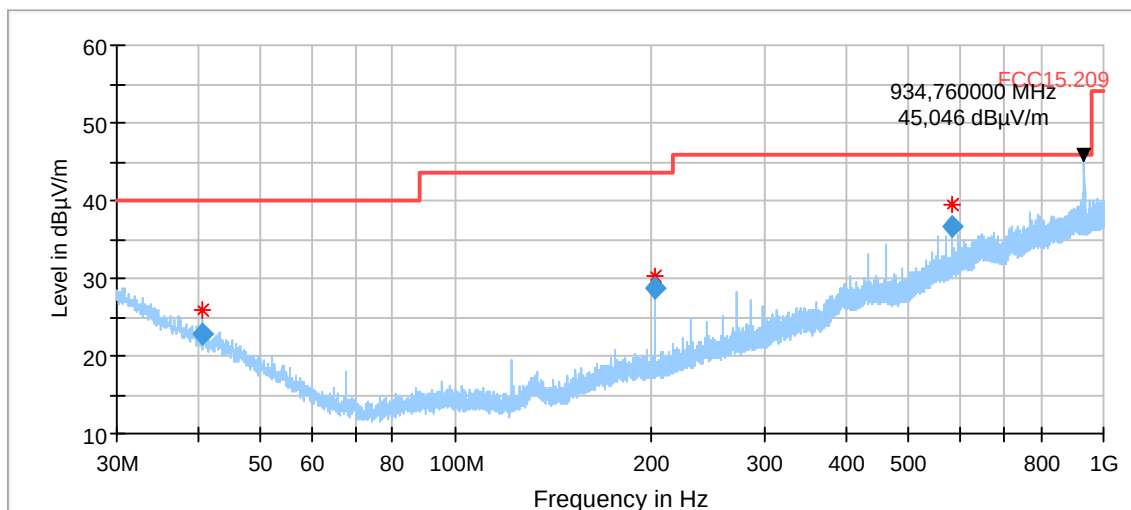
EUT Information

EUT number: 57.301

AE: CAB: 59.051 / Holder: 57.303

SN: 20260227_K03

Power: 12 V DC car battery



Remark: emission at 934 MHz is an external interferer and not related to the EUT

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Preamp (dB)	Trd Corr. (dB/m)
40.678000	22.76	40.00	17.24	120.000	105.0	V	77.0	0.6	15.0
203.394000	28.76	43.50	14.74	120.000	109.0	V	286.0	1.4	9.7
583.066000	36.70	46.00	9.30	120.000	105.0	V	85.0	2.6	19.9

3.02_RSE_Polling_30M-1G

Common Information

Test Description: Radiated field strength emission in 3m distance in SAC3 anechoic chamber

Test Site: cetecom advanced GmbH (Lab location: Essen)

Test Standard: FCC 15.205&15.209 & RSS Gen. Issue 5

Antenna polarisation: horizontal/vertical

Environmental Conditions: Humidity: 50 %rH; Temperature: 20 °C

Operator Name: Tfra

Operating Mode: Card Polling

Comment: Frequencies 934.72MHz & 792.04MHz due external cellular interferers, not relevant for results verdict

Verdict: Passed

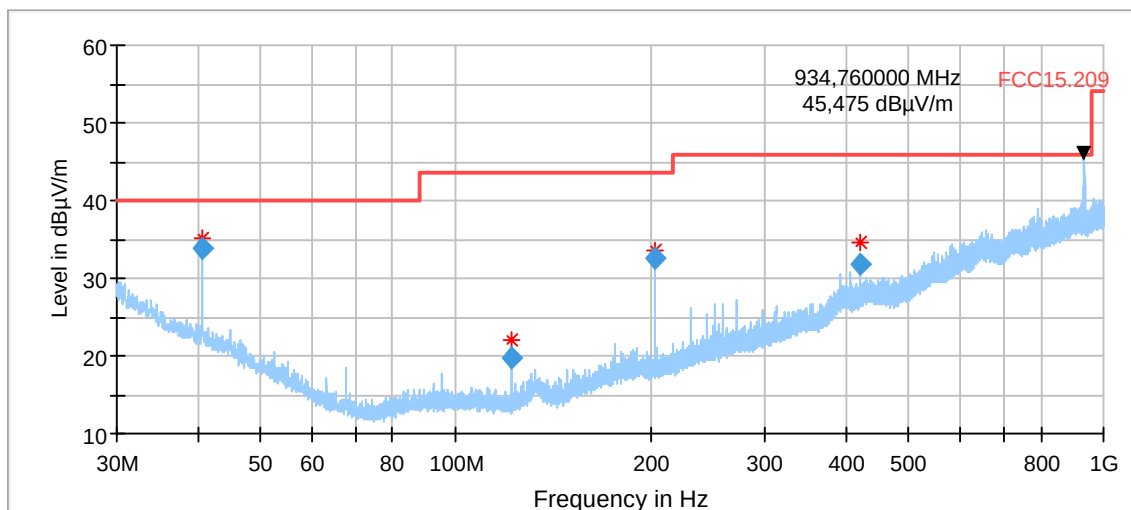
EUT Information

EUT number: 57.301

AE: CAB: 59.051 / Holder: 57.303

SN: 20260227_K03

Power: 12 V DC car battery

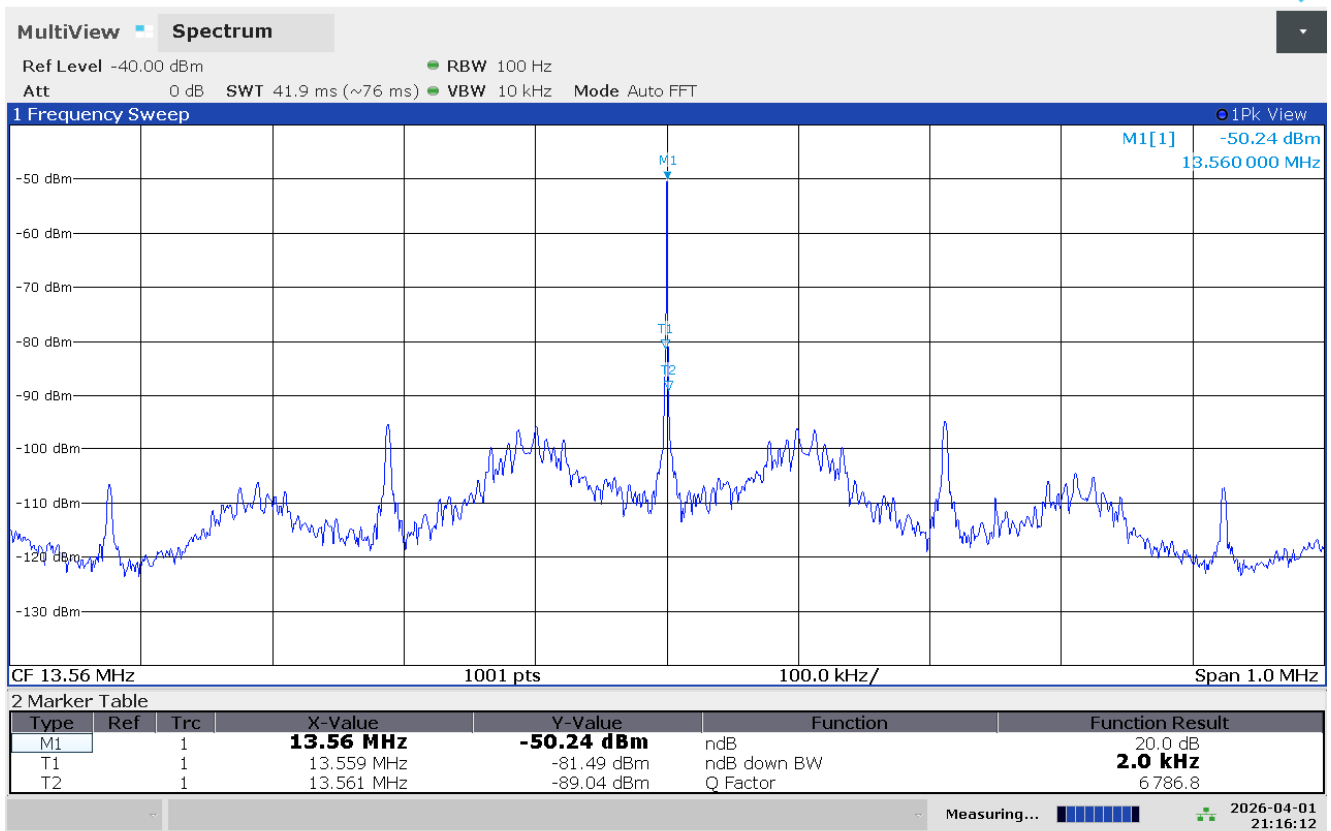


Remark: emission at 934 MHz is an external interferer and not related to the EUT

Final_Result

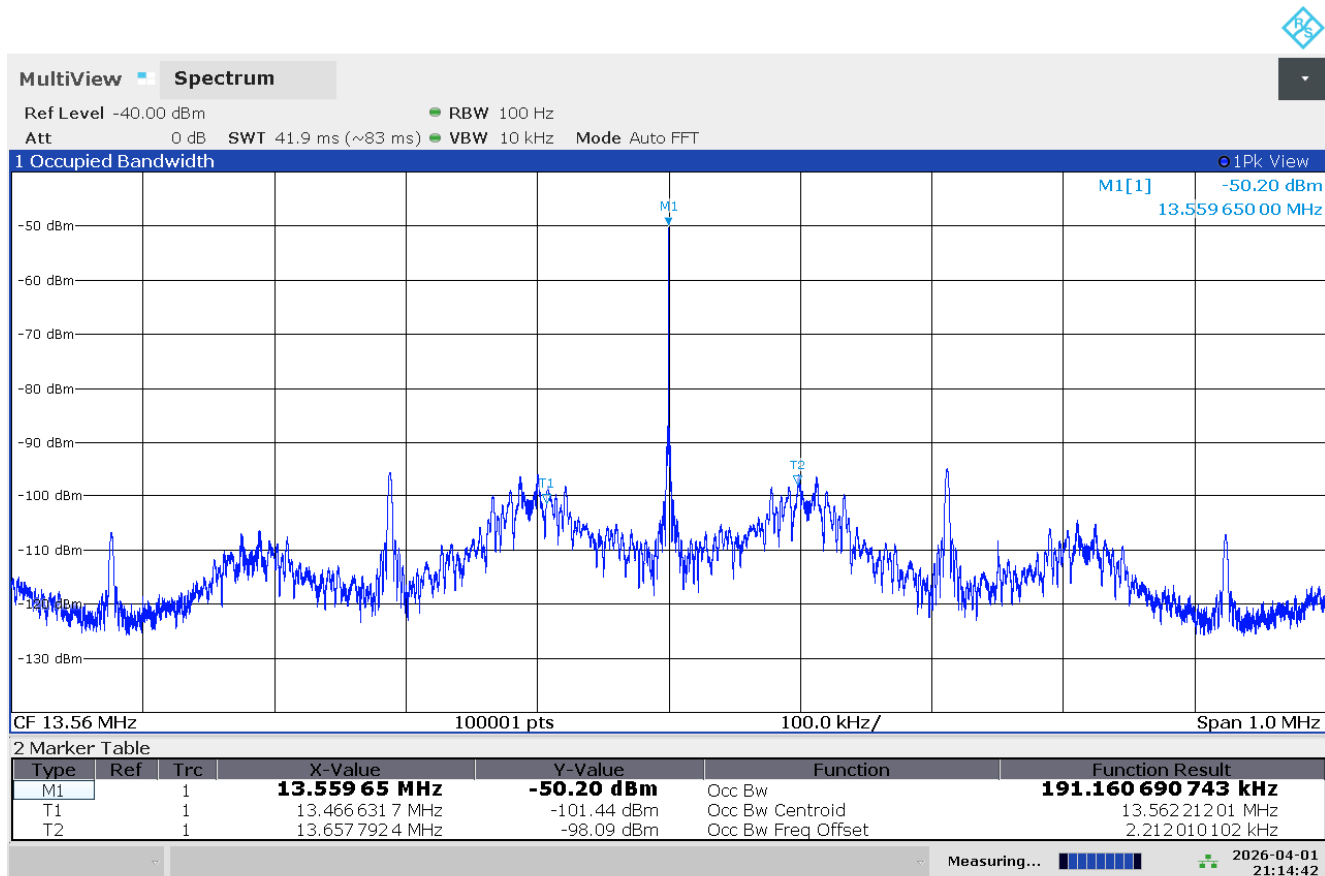
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Preamp (dB)	Trd Corr. (dB/m)
40.678000	33.80	40.00	6.20	120.000	105.0	V	255.0	0.6	15.0
122.038000	19.64	43.50	23.86	120.000	105.0	V	277.0	1.0	6.2
203.394000	32.51	43.50	10.99	120.000	105.0	V	288.0	1.4	9.7
420.350000	31.80	46.00	14.20	120.000	121.0	V	3.0	2.1	17.6

TID001_20dB



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TID002_99%



09:14:43 04/01/2026

Document History

Release	Applied changes	Release date
R01	Initial release	April 1, 2026

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