

Prüfbericht-Nr.: Test Report No.:	60374673 002	Auftrags-Nr.: Order No.:	168138246	Seite 1 von 13 Page 1 of 13
Kunden-Referenz-Nr.: Client Reference No.:	N/A	Auftragsdatum: Order date:	24.02.2020	
Auftraggeber: Client:	Chongqing Changan Automobile Co., Ltd. No. 260 Jianxin Dong Road, Jiangbei District, 400023 Chongqing, P.R. China			
Prüfgegenstand: Test item:	Terminal Assy			
Bezeichnung / Typ-Nr.: Identification / Type No.:	7900030-BU52-AA, 7900030-BU53-AA			
Auftrags-Inhalt: Order content:	Test Report			
Prüfgrundlage: Test specification:	47 CFR FCC Part 15.109			
Wareneingangsdatum: Date of receipt:	01.03.2020	Refer to Photo Documentation		
Prüfmuster-Nr.: Test sample No.:	A001025775-002			
Prüfzeitraum: Testing period:	26.02.2020 - 15.5.2020			
Ort der Prüfung: Place of testing:	Dongguan Dongdian Testing Service Co., Ltd.			
Prüflaboratorium: Testing laboratory:	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: Test result*:	Pass			
geprüft von / tested by:		kontrolliert von / reviewed by:		
19.05.2020 Hardy Suo / Assistant Project Manager		19.05.2020 Sam Lin / Technical Certifier		
Datum Date	Name / Stellung Name / Position	Unterschrift Signature	Datum Date	Name / Stellung Name / Position
Sonstiges / Other: FCC ID: 2AVTF790003053 This report is for FM operation.				
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:		Prüfmuster vollständig und unbeschädigt Test item complete and undamaged		
* Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested				
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. 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.				

TEST SUMMARY

5.1.1 RADIATED EMISSION
RESULT: Pass

CONTENTS

1. GENERAL REMARKS.....	4
1.1 COMPLEMENTARY MATERIALS.....	4
1.2 TEST STANDARD(S).....	4
2. TEST SITES.....	4
2.1 TEST FACILITIES.....	4
2.2 TEST DATE	5
2.3 LIST OF TEST AND MEASUREMENT INSTRUMENTS.....	5
2.4 TRACEABILITY	6
2.5 CALIBRATION	6
2.6 LOCATION OF ORIGINAL DATA	6
2.7 STATUS OF FACILITY USED FOR TESTING.....	6
3. GENERAL PRODUCT INFORMATION.....	7
3.1 GENERAL DESCRIPTION.....	7
3.2 RATING AND SYSTEM DETAILS.....	7
3.3 INDEPENDENT OPERATION MODES	7
3.4 NOISE GENERATING AND NOISE SUPPRESSING PARTS	8
3.5 SUBMITTED DOCUMENTS	8
4. TEST SET-UP AND OPERATION MODES.....	9
4.1 PRINCIPLE OF CONFIGURATION SELECTION.....	9
4.2 TEST OPERATION AND TEST SOFTWARE	9
4.3 SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT	10
4.4 COUNTERMEASURES TO ACHIEVE EMC COMPLIANCE	10
4.5 TEST SETUP DIAGRAM.....	11
5. TEST RESULTS.....	12
5.1 ESSENTIAL REQUIREMENTS OF STANDARD	12
5.1.1 RADIATED EMISSION	12
6. SYSTEM MEASUREMENT UNCERTAINTY	13
7. LIST OF TABLES	13

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 FM operation mode

Appendix B: Photographs of the Test Set-Up

1.2 TEST STANDARD(S)

Applied Rules: 47 CFR FCC Part 15.109

Test Method: ANSI C63.4:2014

2. TEST SITES

2.1 TEST FACILITIES

Dongguan Dongdian Testing Service Co., Ltd.

(FCC Registration No.: 540522 & IC Registration Number: 10288A)

Address: No. 17, Zongbu Road 2, Songshan Lake, Sci&Tech Industry Park, Dongguan City, Guangdong Province, 523808, P.R. China

2.2 TEST DATE

Date of test: 26.02.2020 - 15.5.2020

2.3 LIST OF TEST AND MEASUREMENT INSTRUMENTS

Table 1: List of Test and Measurement Equipment

	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
	Radiation 1#chamber (below 1G)					
1	EMI Test Receiver	R&S	ESU8	100316	Sep. 29, 2019	1 Year
2	Trilog Broadband Antenna	Schwarzbeck	VULB9163	9163-462	Nov. 15, 2019	1 Year
3	RF Cable	HUBSER	CP-X2+ CP-X1	W11.03+ W12.02	Sep. 29, 2019	1 Year
4	Test software	Audix	E3	V 6.11111b	N/A	N/A
	Radiation 1#chamber (above 1G)					
1	EMI Test Receiver	R&S	ESU8	100316	Sep. 29, 2019	1 Year
2	Spectrum analyzer	Agilent	E4447A	MY50180031	Jun. 25, 2019	1 Year
3	Double Ridged Horn Antenna	R&S	HF907	100276	Nov. 15, 2019	1 Year
4	Pre-amplifier	TERA-MW	TRLA-0040G35	101303	Sep. 29, 2019	1 Year
5	Pre-amplifier	A.H.	PAM-0118	360	Sep. 29, 2019	1 Year
6	RF Cable	N/A	SMAJ-SMAJ-1M+ SMAJ-SMAJ-11M	17070133+17070131	Sep. 29, 2019	1 Year
7	Test software	Audix	E3	V 6.11111b	N/A	N/A
	Notes. N/A means Not applicable.					

2.4 Traceability

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

2.5 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.

2.6 Location of Original Data

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

2.7 Status of Facility Used for Testing

The Dongguan Dongdian Testing Service Co., Ltd. facility located at No. 17, Zongbu Road 2, Songshan Lake, Sci&Tech Industry Park, Dongguan City, Guangdong Province, 523808, P.R. China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3. GENERAL PRODUCT INFORMATION

3.1 GENERAL DESCRIPTION

The EUT is FM receiver which used in vehicle.

For details refer to the User Manual, Technical Description and Circuit Diagram.

3.2 RATING AND SYSTEM DETAILS

Table 2: Rating of EUT

General Information of EUT	Description
Kind of Equipment:	Terminal Assy
Type Designation:	7900030-BU52-AA, 7900030-BU53-AA
FCC ID:	2AVTF790003053
Type of Equipment:	Mobile device
Operating Voltage:	DC 12V
Operating Temperature Range:	-40°C ~ +85°C
Remark: Models 7900030-BU52-AA and 7900030-BU53-AA are identical for PCBA, electricity and electronics, the difference is that 7900030-BU52-AA supports reverse image, 7900030-BU53-AA supports AVM (Around View Monitor). Based on it, we choose model 7900030-BU53-AA under testing.	

Table 3: Technical Specification of EUT

Characteristic	Description
Operated Modes:	FM
Operational Frequency Band(s):	FM Band
Operating Frequency Range:	88 – 108 MHz
Modulation Type:	FM

3.3 INDEPENDENT OPERATION MODES

The basic operation modes are:

- A. Receiving
 - 1) Low Channel
 - 2) Middle Channel
 - 3) High Channel
- B. Standby
- C. Off

3.4 NOISE GENERATING AND NOISE SUPPRESSING PARTS

Refer to the Circuit Diagram.

3.5 SUBMITTED DOCUMENTS

- | | |
|---|--|
| ☒ User Manual | ☒ Rating Label |
| ☒ Circuit Diagram | ☐ PCB Layout |
| ☒ Block Diagram | ☒ Photo Document |
| ☒ Schematics | ☒ Parts List |
| ☐ Model Difference Letter | |

4. TEST SET-UP AND OPERATION MODES

4.1 PRINCIPLE OF CONFIGURATION SELECTION

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation 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.

Table 4: Test Environments

Environment Parameter	Selected Values During Tests		
	Temperature (°C)	Voltage (V) DC	Relative Humidity
Normal (NTNV)	23	12	50%
HTHV	---	---	---
LTHV	---	---	---
HTLV	---	---	---
LTLV	---	---	---

4.3 SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT

Table 5: Auxiliary Equipment used during test

Name	Model	Manufacturer	S/N
-	-	-	-

4.4 COUNTERMEASURES TO ACHIEVE EMC COMPLIANCE

The test sample, which has been tested, contained the noise suppression parts as described in the Constructional Data Form or the Technical Construction File. No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test

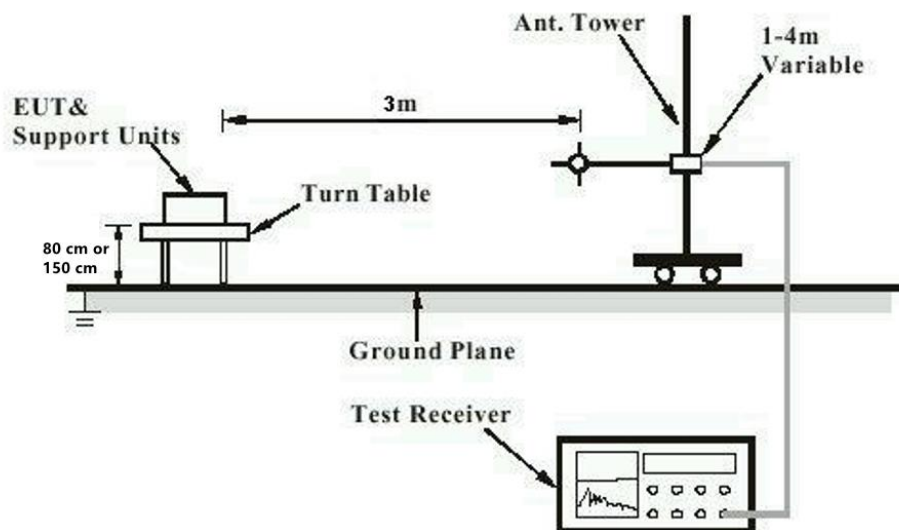
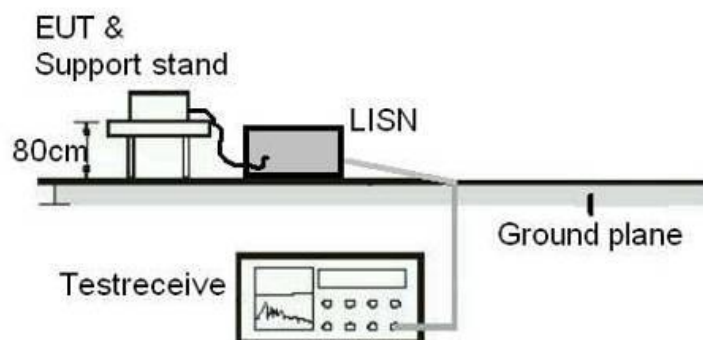


Diagram of Measurement Equipment Configuration for Conduction Measurement



5. TEST RESULTS

5.1 ESSENTIAL REQUIREMENTS OF STANDARD

5.1.1 RADIATED EMISSION

RESULT:**Pass**

Test standard	:	47 CFR FCC Part 15.109b)
Frequency range	:	30 - 1000MHz, 1- 6GHz
Classification	:	Class B
Test procedure	:	ANSI C63.4:2014
Limits	:	47 CFR FCC Part 15.109(a)
Test procedure	:	ANSI C63.10:2013
Kind of test site	:	3m Semi Anechoic Room

Test Setup

Date of testing	:	26.02.2020 - 15.5.2020
Input voltage	:	DC 12V
Test environment	:	☒ Normal test conditions ☐ Extreme test conditions
Operation mode	:	A
Ambient temperature	:	24 °C
Relative humidity	:	55%
Atmospheric pressure	:	101.4 kPa

Refer to attached Appendix A for details of test results.

6. SYSTEM MEASUREMENT UNCERTAINTY

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

Table 6: System Measurement Uncertainty

Items		Extended Uncertainty
RE	Radiated emission 9 kHz - 30 MHz	±4.37 dB
	Radiated emission 30 MHz - 1 GHz	±5.30 dB
Remark: 95% Confidence Levels, K=2.		

7. LIST OF TABLES

Table 1: List of Test and Measurement Equipment	5
Table 2: Rating of EUT	7
Table 3: Technical Specification of EUT	7
Table 4: Test Environments	9
Table 5: Auxiliary Equipment used during test	10
Table 6: System Measurement Uncertainty	13

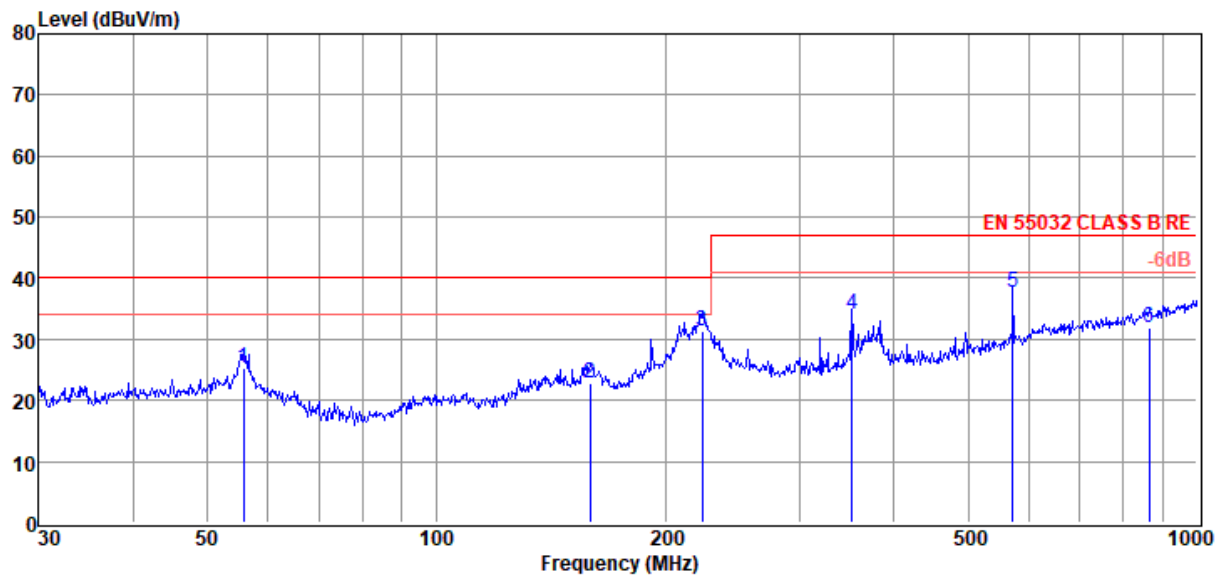
Appendix A

Test Results of FM operation mode

APPENDIX A.1: TEST RESULTS OF RADIATED EMISSIONS 2
RADIATED EMISSIONS BELOW 1 GHz 2
 Low Channel: 88 MHz 2
 Middle Channel: 98 MHz 4
 High Channel: 108 MHz..... 6
RADIATED EMISSIONS ABOVE 1 GHz..... 8
 Low Channel: 88 MHz 8
 Middle Channel: 98 MHz 10
 High Channel: 108 MHz..... 12

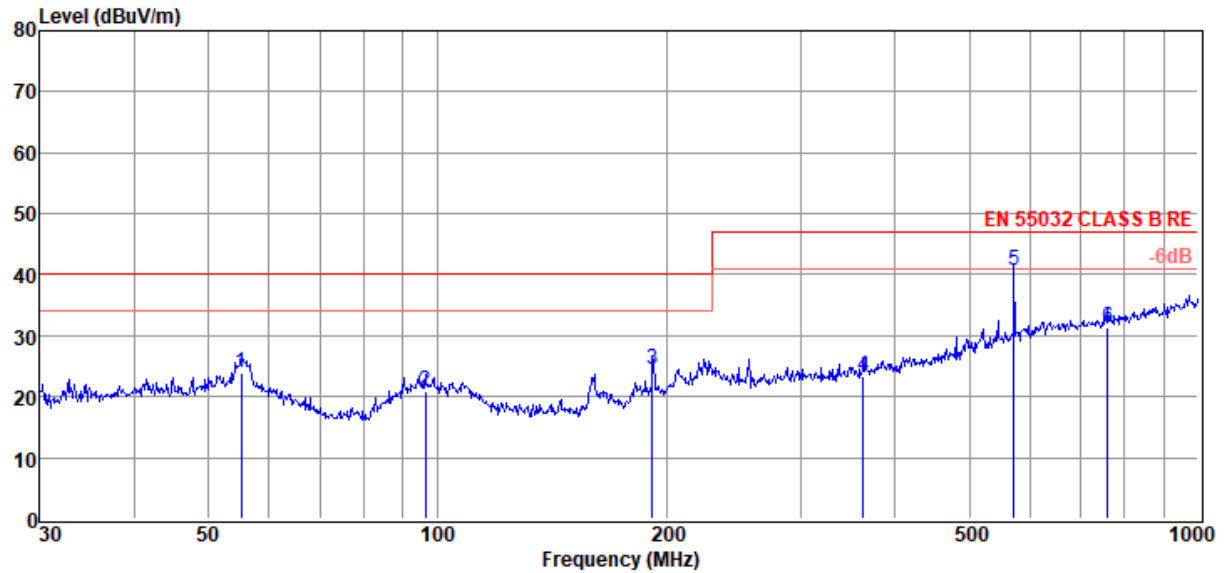
Appendix A.1: Test Results of Radiated Emissions

Radiated Emissions below 1 GHz
Low Channel: 88 MHz



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	FCC Limit (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	55.81	7.69	13.48	4.05	25.22	40.00	-14.78	QP	HORIZONTAL
2	159.23	9.29	8.67	4.80	22.76	43.50	-20.74	QP	HORIZONTAL
3	223.73	13.97	12.15	5.16	31.28	46.00	-14.72	QP	HORIZONTAL
4	351.71	13.44	14.76	5.76	33.96	46.00	-12.04	QP	HORIZONTAL
5	572.61	12.23	18.69	6.64	37.56	46.00	-8.44	QP	HORIZONTAL
6	866.09	2.86	21.44	7.58	31.88	46.00	-14.12	QP	HORIZONTAL

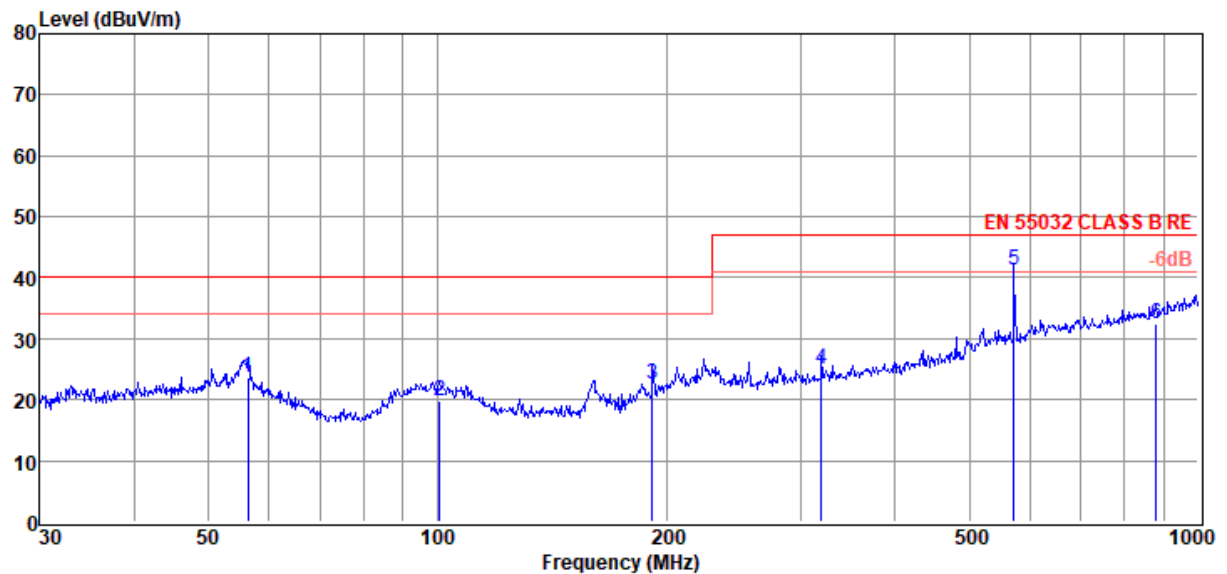
Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	FCC Limit (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	55.22	6.22	13.55	4.04	23.81	40.00	-16.19	QP	VERTICAL
2	96.44	4.82	11.56	4.38	20.76	43.50	-22.74	QP	VERTICAL
3	191.75	8.34	11.15	4.99	24.48	43.50	-19.02	QP	VERTICAL
4	362.98	2.73	14.89	5.81	23.43	46.00	-22.57	QP	VERTICAL
5	572.61	15.26	18.69	6.64	40.59	46.00	-5.41	QP	VERTICAL
6	760.70	3.69	20.40	7.26	31.35	46.00	-14.65	QP	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Middle Channel: 98 MHz

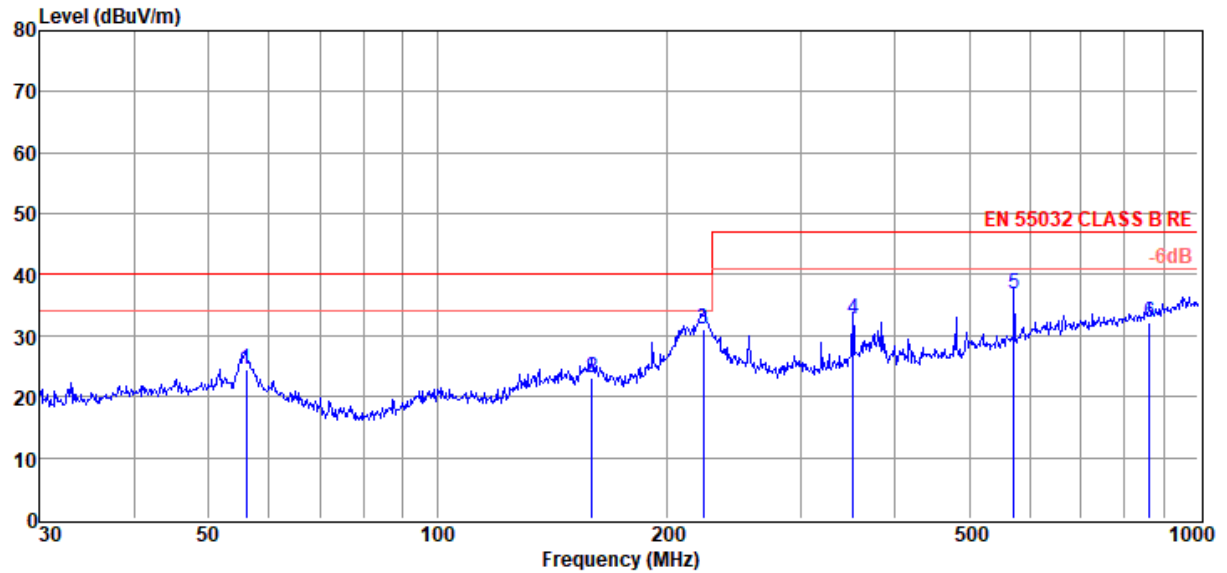


Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	FCC Limit (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	56.40	6.31	13.41	4.06	23.78	40.00	-16.22	QP	VERTICAL
2	100.58	3.64	11.86	4.41	19.91	43.50	-23.59	QP	VERTICAL
3	191.75	6.33	11.15	4.99	22.47	43.50	-21.03	QP	VERTICAL
4	319.94	5.09	14.37	5.62	25.08	46.00	-20.92	QP	VERTICAL
5	572.61	15.79	18.69	6.64	41.12	46.00	-4.88	QP	VERTICAL
6	881.41	3.16	21.61	7.63	32.40	46.00	-13.60	QP	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

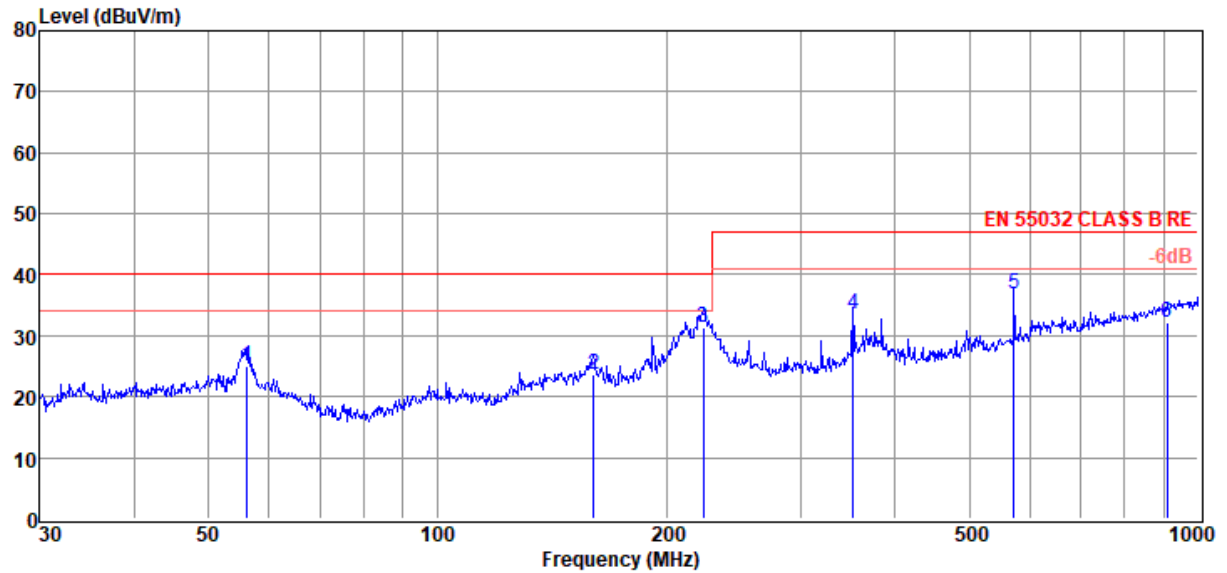


Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	FCC Limit (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	56.00	6.87	13.45	4.05	24.37	40.00	-15.63	QP	HORIZONTAL
2	159.78	9.59	8.69	4.80	23.08	43.50	-20.42	QP	HORIZONTAL
3	223.73	13.84	12.15	5.16	31.15	46.00	-14.85	QP	HORIZONTAL
4	351.71	12.23	14.76	5.76	32.75	46.00	-13.25	QP	HORIZONTAL
5	572.61	11.60	18.69	6.64	36.93	46.00	-9.07	QP	HORIZONTAL
6	863.06	3.24	21.41	7.57	32.22	46.00	-13.78	QP	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
 2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
 3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

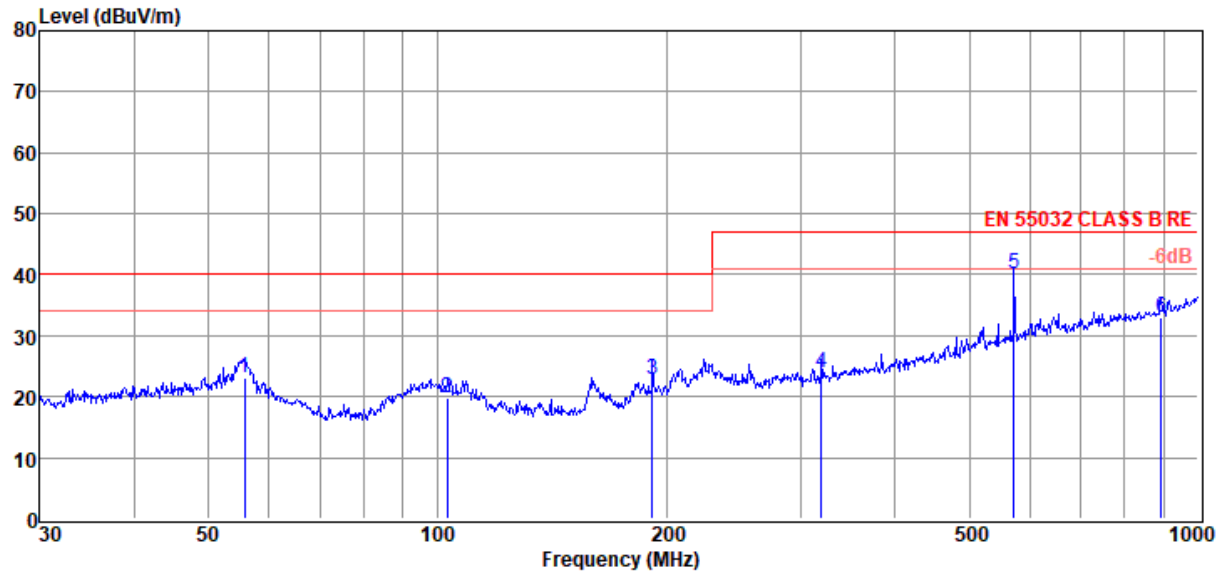
Produkte
Products

High Channel: 108 MHz



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	FCC Limit (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	56.20	7.51	13.43	4.05	24.99	40.00	-15.01	QP	HORIZONTAL
2	160.35	10.24	8.72	4.81	23.77	43.50	-19.73	QP	HORIZONTAL
3	223.73	14.08	12.15	5.16	31.39	46.00	-14.61	QP	HORIZONTAL
4	351.71	12.99	14.76	5.76	33.51	46.00	-12.49	QP	HORIZONTAL
5	572.61	11.42	18.69	6.64	36.75	46.00	-9.25	QP	HORIZONTAL
6	909.67	2.67	21.90	7.72	32.29	46.00	-13.71	QP	HORIZONTAL

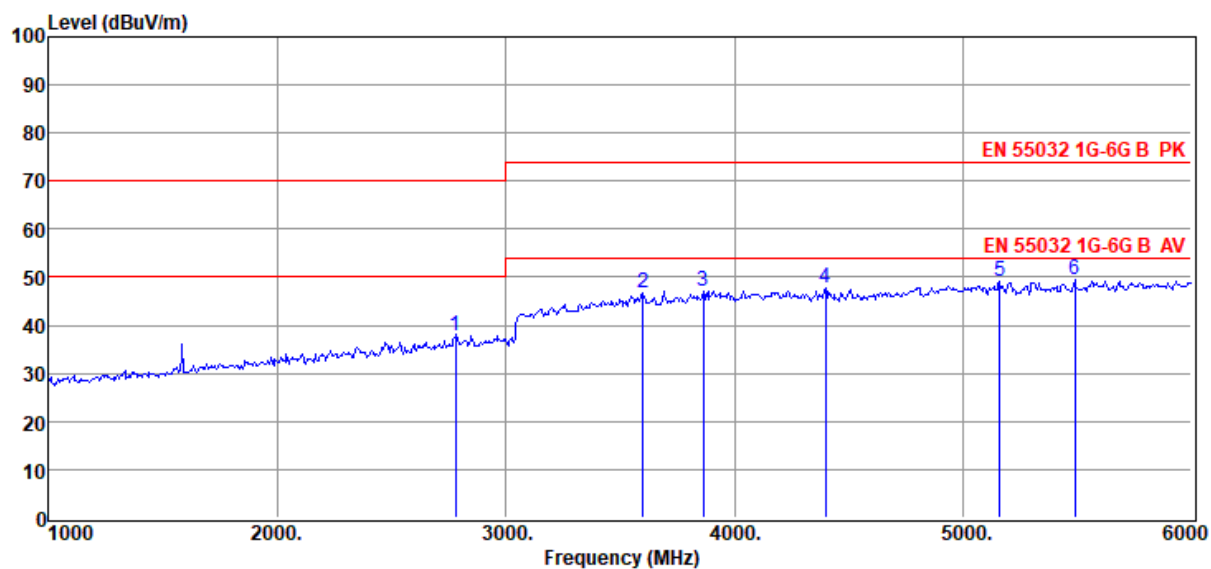
Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	FCC Limit (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	55.81	5.62	13.48	4.05	23.15	40.00	-16.85	QP	VERTICAL
2	103.08	3.61	11.71	4.43	19.75	43.50	-23.75	QP	VERTICAL
3	191.75	6.68	11.15	4.99	22.82	43.50	-20.68	QP	VERTICAL
4	319.94	3.99	14.37	5.62	23.98	46.00	-22.02	QP	VERTICAL
5	572.61	14.84	18.69	6.64	40.17	46.00	-5.83	QP	VERTICAL
6	893.86	3.58	21.74	7.67	32.99	46.00	-13.01	QP	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Radiated Emissions above 1 GHz
 Low Channel: 88 MHz

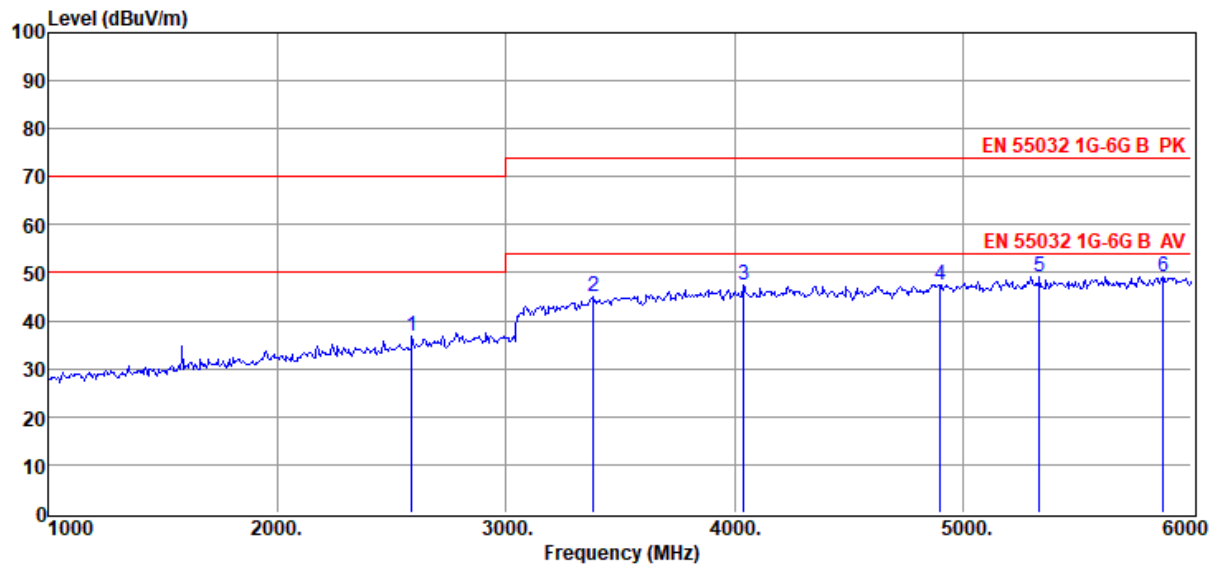


Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBμV/m)	FCC Limit (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2780.00	45.81	30.57	43.38	4.71	37.71	74.0	-36.29	Peak	VERTICAL
2	3600.00	51.89	32.77	43.68	5.79	46.77	74.0	-27.23	Peak	VERTICAL
3	3865.00	51.39	33.19	43.76	6.13	46.95	74.0	-27.05	Peak	VERTICAL
4	4400.00	51.31	33.48	43.64	6.56	47.71	74.0	-26.29	Peak	VERTICAL
5	5160.00	51.03	34.60	43.36	7.02	49.29	74.0	-24.71	Peak	VERTICAL
6	5490.00	50.59	34.79	43.25	7.26	49.39	74.0	-24.61	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

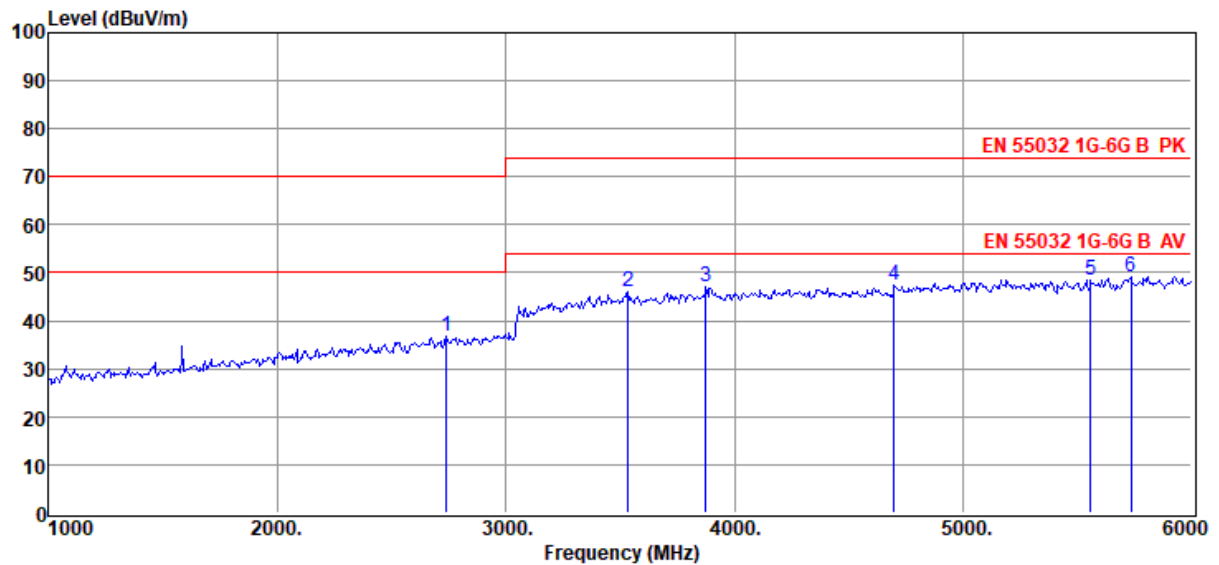
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBμV/m)	FCC Limit (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2590.00	45.48	29.99	43.30	4.54	36.71	74.0	-37.29	Peak	HORIZONTAL
2	3385.00	50.74	32.30	43.61	5.49	44.92	74.0	-29.08	Peak	HORIZONTAL
3	4040.00	51.56	33.41	43.78	6.33	47.52	74.0	-26.48	Peak	HORIZONTAL
4	4900.00	49.78	34.31	43.45	6.85	47.49	74.0	-26.51	Peak	HORIZONTAL
5	5335.00	50.75	34.70	43.30	7.15	49.30	74.0	-24.70	Peak	HORIZONTAL
6	5875.00	49.71	35.10	43.14	7.52	49.19	74.0	-24.81	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Middle Channel: 98 MHz

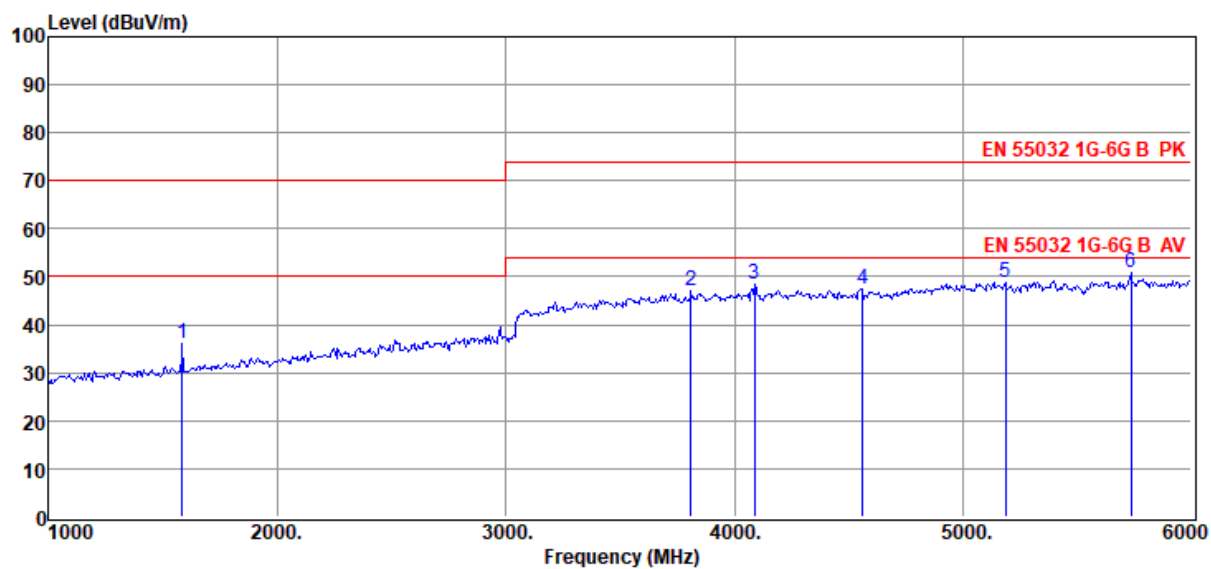


Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBμV/m)	FCC Limit (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2740.00	44.88	30.45	43.36	4.68	36.65	74.0	-37.35	Peak	HORIZONTAL
2	3535.00	51.28	32.66	43.66	5.70	45.98	74.0	-28.02	Peak	HORIZONTAL
3	3875.00	51.63	33.21	43.76	6.15	47.23	74.0	-26.77	Peak	HORIZONTAL
4	4700.00	50.18	33.91	43.52	6.73	47.30	74.0	-26.70	Peak	HORIZONTAL
5	5560.00	49.50	34.85	43.23	7.31	48.43	74.0	-25.57	Peak	HORIZONTAL
6	5735.00	50.04	34.99	43.18	7.43	49.28	74.0	-24.72	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.



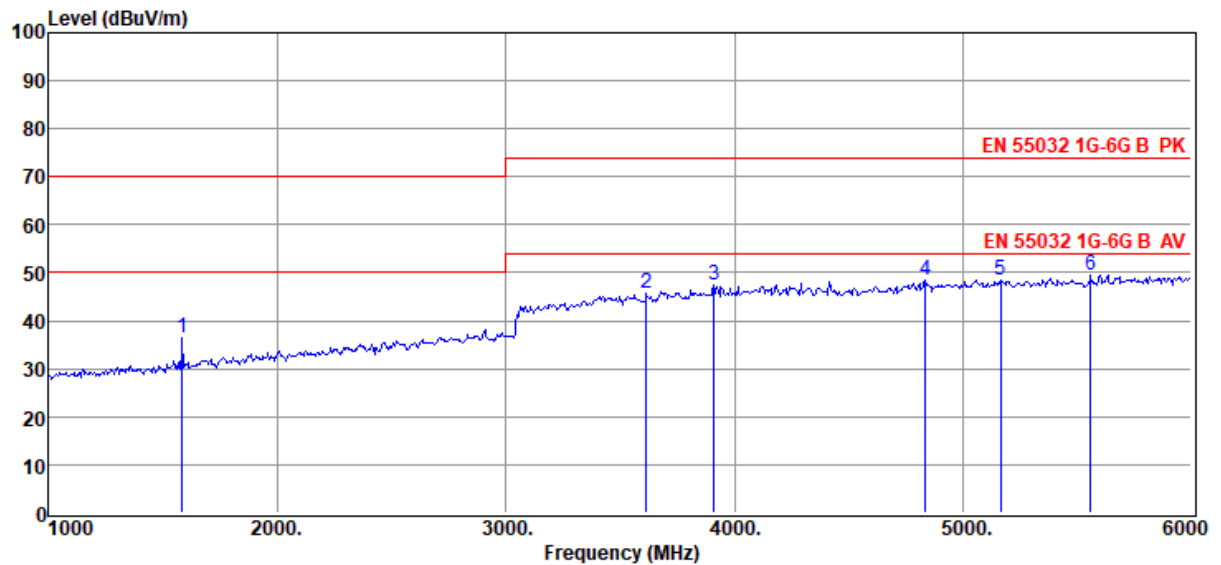
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBμV/m)	FCC Limit (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1585.00	48.29	26.64	42.30	3.50	36.13	74.0	-37.87	Peak	VERTICAL
2	3810.00	51.59	33.11	43.74	6.06	47.02	74.0	-26.98	Peak	VERTICAL
3	4090.00	52.33	33.42	43.76	6.36	48.35	74.0	-25.65	Peak	VERTICAL
4	4560.00	50.61	33.63	43.57	6.65	47.32	74.0	-26.68	Peak	VERTICAL
5	5185.00	50.53	34.61	43.35	7.04	48.83	74.0	-25.17	Peak	VERTICAL
6	5735.00	51.54	34.99	43.18	7.43	50.78	74.0	-23.22	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

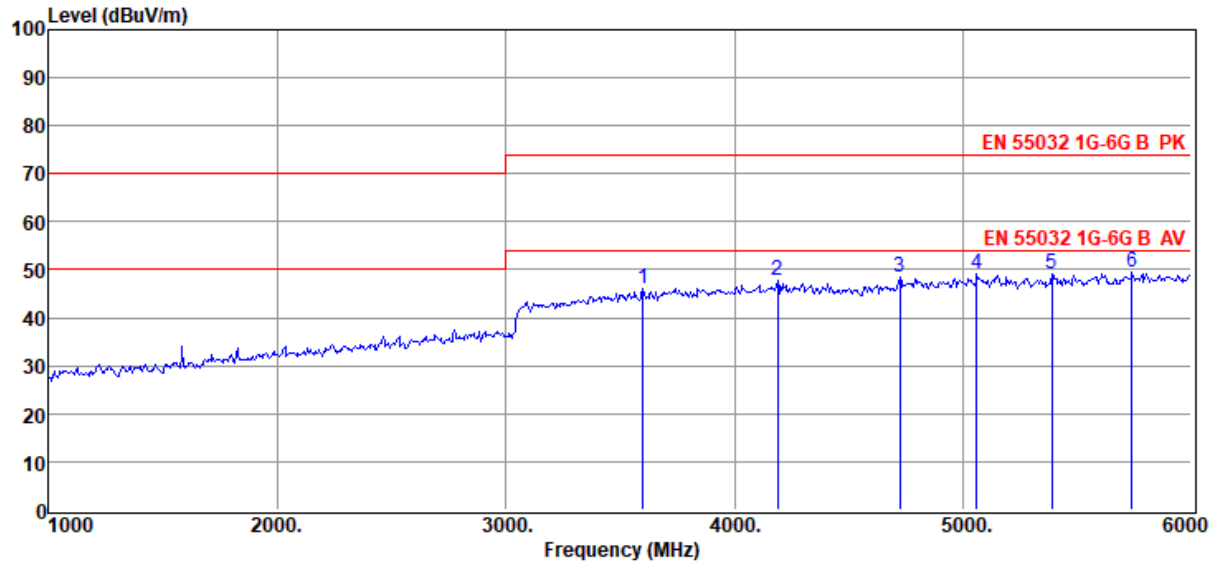
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

High Channel: 108 MHz



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBμV/m)	FCC Limit (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1585.00	48.64	26.64	42.30	3.50	36.48	74.0	-37.52	Peak	VERTICAL
2	3615.00	50.76	32.79	43.68	5.81	45.68	74.0	-28.32	Peak	VERTICAL
3	3910.00	51.83	33.26	43.77	6.19	47.51	74.0	-26.49	Peak	VERTICAL
4	4835.00	50.84	34.18	43.47	6.81	48.36	74.0	-25.64	Peak	VERTICAL
5	5165.00	50.28	34.60	43.36	7.02	48.54	74.0	-25.46	Peak	VERTICAL
6	5560.00	50.68	34.85	43.23	7.31	49.61	74.0	-24.39	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBμV/m)	FCC Limit (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	3600.00	51.27	32.77	43.68	5.79	46.15	74.0	-27.85	Peak	HORIZONTAL
2	4190.00	51.73	33.44	43.72	6.42	47.87	74.0	-26.13	Peak	HORIZONTAL
3	4725.00	51.35	33.96	43.51	6.75	48.55	74.0	-25.45	Peak	HORIZONTAL
4	5060.00	50.91	34.54	43.39	6.95	49.01	74.0	-24.99	Peak	HORIZONTAL
5	5390.00	50.49	34.74	43.29	7.19	49.13	74.0	-24.87	Peak	HORIZONTAL
6	5740.00	50.37	35.00	43.18	7.43	49.62	74.0	-24.38	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.