



FCC LISTED, REGISTRATION
NUMBER: 2764.01

ISED LISTED REGISTRATION
NUMBER: 23595-1

Test report No:
3853ERM.014A1

Partial Test report

**USA FCC Part 15.247, 15.407 15.209, 15.207
CANADA RSS-247, RSS-Gen**

(*) Identification of item tested	CIVIC (Central In-Vehicle Infotainment Computer)
(*) Trademark	BOSCH
(*) Model and /or type reference tested	MBCI2LS3PN1
Other identification of the product	FCC ID: 2AUXS-MBCI2LS3PN1 (NA) IC: 25847-MBCI2LS3PN1 (NA) HVIN: MBCI2LS3PN1
(*) Features	AM/FM/DAB/SIRIUS, GNSS, 2.4/5GHz WLAN, Bluetooth 5.1, Video/Audio etc
Manufacturer	Robert Bosch GmbH Robert-Bosch-Strasse 200, 31139 Hildesheim Germany
Test method requested, standard	USA FCC Part 15.247, 10-1-20 Edition: Operation within the bands 902 - 928 MHz, 2400 -2483.5 MHz, and 5725 - 5850 MHz USA FCC Part 15.407 10-1-20 Edition : Unlicensed National Information Infrastructure Devices. General technical requirements. USA FCC Part 15.209 10-1-20 Edition: Radiated emission limits; general requirements. CANADA RSS-247 Issue 2 (February 2017). CANADA RSS-Gen Issue 5 (April 2018). 558074 D01 15.247 Meas Guidance v05r02. Guidance for Compliance Measurements on Digital Transmission Systems, Frequency Hopping Spread Spectrum System, and Hybrid System Devices Operating Under section §15.247 of the FCC Rules ANSI C63.10-2013: American National Standard for Testing Unlicensed Wireless Devices.
Summary	See Appendix A
Approved by (name / position & signature)	Domingo Galvez EMC&RF Lab Manager
Date of issue	12-02-2022
Report template No	FDT08_23 (*) "Data provided by the client"

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COMPETENCES AND GUARANTEES

DEKRA Certification Inc. is a testing laboratory accredited by A2LA (The American Association for Laboratory Accreditation), to perform the tests indicated in the Certificate 2764.01

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Uncertainty

Uncertainty (factor $k=2$) was calculated according to the DEKRA Certification internal document PODT000.

Test case	Frequency (MHz)	U (k=2)	Units
Radiated Spurious Emission	30-180	4.27	dB
	180-1000	3.14	dB
	1000-18000	3.30	dB
	18000-40000	3.49	dB

Data provided by the client

The sample consists of CIVIC Central In-Vehicle Infotainment Computer, including WLAN/ Bluetooth, GPS, AM/FM/DAB receiver.

DEKRA declines any responsibility with respect to the information provided by the client and that may affect the validity of results.

Usage of samples

Samples used for testing have been selected by: The client.

Sample S/01 is composed of the following elements, accessories and auxiliary equipment:

Id	Control Number	Description	Manufacturer / Model	Serial N°	Date of Reception	Application
S/01	3853/08	Central In-Vehicle Infotainment Computer	Bosch / MBCI2LS3PN1	CM0427N0006010	09/09/2022	Element Under Test
S/01	3853/16	Harness – Main connector A	-	-	09/09/2022	Accessory
S/01	3853/19	Antenna	Bosch / A1779052902/002	057577	09/09/2022	Element Under Test
S/01	3853/20	Antenna	Bosch / A1779052902/002	008686	09/09/2022	Element Under Test
S/01	3853/21	Antenna	Bosch / A1779052902/002	057584	09/09/2022	Element Under Test
S/01	3853/22	Antenna	Bosch / A1779052902/002	008733	09/09/2022	Element Under Test
S/01	3853/51	Cable – GNSS Connector	-	-	09/09/2022	Accessory
S/01	3853/55	Cable 4 in 1 – BT/Wi-Fi connector	-	-	09/09/2022	Accessory
S/01	3853/73	Cable – USB MMB Connector	-	-	09/09/2022	Accessory
S/01	3853/73.1	USB Load (dongle)	-	-	09/09/2022	Accessory
S/01	3853/75	Harness – Main connector B	-	-	09/09/2022	Accessory

1. SAMPLE S/01 WAS USED FOR THE TEST(S): ALL RADIATED TESTS INDICATED IN APPENDIX A

Test sample description

Test Sample description (compulsory information for EMC and RF testing services)

Ports..... :	Port name and description		Cable				
			Specified length [m]	Attached during test	Shielded	Coupled to patient	
	Main Connector A		2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Main Connector B		2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Fakra Quad Connector AM/FM/DAB			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Fakra Single Connector GPS			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Fakra Quad Connector WLAN/BT				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Supplementary information to the ports..... :	No Data Provided						
Rated power supply	Voltage and Frequency		Reference poles				
			L1	L2	L3	N	PE
	<input type="checkbox"/>	AC:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	AC:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	DC: 9-16V nominal 12 VDC by vehicle battery					
	<input type="checkbox"/>	DC:					
Rated Power	3.8 A						
Clock frequencies.....	No Data Provided						
Other parameters	No Data Provided						
Software version	E030.6						
Hardware version	D1.1						
Dimensions in cm (W x H x D)	No Data Provided						
Mounting position	<input type="checkbox"/>	Table top equipment					
	<input type="checkbox"/>	Wall/Ceiling mounted equipment					
	<input type="checkbox"/>	Floor standing equipment					
	<input type="checkbox"/>	Hand-held equipment					
	<input checked="" type="checkbox"/>	Other: Cluster in the car					

Modules/parts	Module/parts of test item	Type	Manufacturer
Accessories (not part of the test item)	Description	Type	Manufacturer
	No Data Provided		
Documents as provided by the applicant.....	Description	File name	Issue date
	Declaration Equipment Data	LS3_Plus_FDT30_18 Declaration Equipment Data_V1_signed	11/09/2022

Copy of marking plate:



Identification of the client

Robert Bosch GmbH
Robert-Bosch-Strasse 200,
31139 Hildesheim
Germany

Testing period and place

Test Location	DEKRA Certification Inc.
Date (start)	10/6/2022
Date (finish)	11/3/2022

Document history

Report number	Date	Description
3853ERM.014	12-02-2022	First release
3853ERM.014A1	12-02-2022	Second release. TC#02 results were updated. This modification of the test report cancels and replaces the test report 3853ERM.014.

Environmental conditions

In the control chamber, the following limits were not exceeded during the test:

Temperature	Min. = 15 °C Max. = 35 °C
Relative humidity	Min. = 30 % Max. = 75 %
Air pressure	Min. = 860 mbar Max. = 1060 mbar

In the semi anechoic chamber, the following limits were not exceeded during the test.

Temperature	Min. = 15 °C Max. = 35 °C
Relative humidity	Min. = 30 % Max. = 75 %
Air pressure	Min. = 860 mbar Max. = 1060 mbar

Remarks and comments

1. The tests have been performed by the technical personnel: Qi Zhang and Koji Nishimoto.

Testing verdicts

Not applicable :	N/A
Pass :	P
Fail :	F
Not measured :	N/M

Summary

FCC PART 15 PARAGRAPH / RSS-247 (Bluetooth BR/EDR)					
Report Section	15.247 Spec Clause	RSS Spec Clause	Test Description	Verdict	Remark
-	§ 2.1049 & § 15.247 (a) (1)	RSS-247 5.1 (b)	20dB Emission Bandwidth, Occupied Bandwidth & Carrier Frequency Separation	N/M	Refer 1
-	§ 15.247 (a) (1) (iii)	RSS-247 5.1 (d)	Number of hopping channels	N/M	Refer 1
-	§ 15.247 (a) (1) (iii)	RSS-247 5.1 (d)	Time of Occupancy (Dwell Time)	N/M	Refer 1
-	§ 15.247 (b) (3)	RSS-247 5.4 (b)	Maximum peak conducted output power and antenna gain	N/M	Refer 1
-	§ 15.247 (d)	RSS-247 5.5	Band-edge conducted emissions compliance (Transmitter)	N/M	Refer 1
-	§ 15.247 (d)	RSS-247 5.5	Emission limitations Conducted (Transmitter)	N/M	Refer 1
A.1	§ 15.247 (d)	RSS-247 5.5	Emission limitations Radiated (Transmitter)	P	N/A
<u>Supplementary information and remarks:</u> 1) Please refer to the test report 3853ERM.010					

FCC PART 15 PARAGRAPH (Wi-Fi 2.4GHz)					
Report Section	15.247 Spec Clause	RSS Spec Clause	Test Description	Verdict	Remark
-	§ 2.1049 & §15.247 (a) (2)	RSS-247 5.2 (a)	99% Occupied Bandwidth & 6dB Bandwidth	N/M	Refer 1
-	§ 15.247 (b)	RSS-247 5.4 (d)	Maximum Output Power and antenna gain	N/M	Refer 1
-	§ 15.247 (d)	RSS-247 5.5	Band-edge conducted emissions compliance (Transmitter)	N/M	Refer 1
-	§ 15.247 (e)	RSS-247 5.2 (b)	Power Spectral Density	N/M	Refer 1
-	§15.247(d)	RSS-247 5.5	Emission limitations Conducted (Transmitter)	N/M	Refer 1
A.1	§15.247 (d)	RSS-247 5.5	Emission limitations Radiated (Transmitter)	P	N/A
Supplementary information and remarks: 1) Please refer to the test report 3853ERM.010					

FCC PART 15 PARAGRAPH / RSS-247 (Wi-Fi 5GHz) UNII-1 5.150 - 5.250 GHz Band, UNII-3 5.725 - 5.825 GHz Band					
Report Section	15.407 Spec Clause	RSS Spec Clause	Test Description	Verdict	Remark
	§ 15.403 KDB 789033 D02	RSS 247 6.2.4	26dB Emission Bandwidth & Occupied Bandwidth	N/M	Refer 1
	§ 15.407 (e)	RSS 247 6.2.4.1	6dB Bandwidth	N/M	Refer 1
	§ 15.407 (a)(3)	RSS 247 6.2.4.1	Power Limits. Maximum Output Power	N/M	Refer 1
	§ 15.407 (a)(3)	RSS-247 6.2.4.1	Maximum Power Spectral Density	N/M	Refer 1
	§ 15.407 (b)(4)	RSS-247 6.2.4.2	Band-edge conducted emissions compliance (Transmitter)	N/M	Refer 1
	§ 15.407 (b)(6) § 15.207	RSS-Gen 8.8	Emission limitations Conducted (Transmitter)	N/M	Refer 1
A.1	§ 15.407 (b)(4),(7) § 15.209 § 15.205	RSS-247 6.2.4.2 RSS-Gen 8.9 & 8.10	Undesirable radiated emissions (Transmitter)	P	N/A
	§ 15.407 (g)	RSS-Gen 6.11 & 8.11	Frequency Stability	N/M	Refer 1
Supplementary information and remarks: 1) Please refer to the test report 3853ERM.012					

List of equipment used during the test

Radiated Measurements

CONTROL NUMBER	DESCRIPTION	MANUFACTURER	MODEL	LAST CALIBRATION	NEXT CALIBRATION
878	PROG DC Power supply	AMETEK	1707A01783	N/A	N/A
0981	RF pre-amplifier	Bonn Elektronik	BLMA0118-2A	2020/11	2022/11
1012	EMI Test Receiver	Rohde & Schwarz	ESR26	2022/04	2024/04
1014	FSV40 Signal Analyzer 40GHz	Rohde & Schwarz	FSV40	2021/05	2023/05
1055	3116C Double-Ridged Waveguide Horn Antennas	ETS Lindgren	3116C	2019/12	2022/12
1057	Double-ridge Waveguide Horn antenna	ETS Lindgren	3115	2020/06	2023/06
1065	Biconical Log antenna	ETS Lindgren	3142E	2020/08	2023/08
1108	Ethernet SNMP Thermometer- CR Room	HW Group	HWg-STE Plain	2022/10	2024/10
1111	Ethernet SNMP T Thermometer	HW Group	HWg-STE Plain	2022/10	2024/10
1179	Semi anechoic Absorber Lined Chamber	Frankonia	SAC 3 plus "L"	N/A	N/A
1314	Wireless Measurement Software R&S EMC32	Rohde & Schwarz	N/A	N/A	N/A

Appendix A: Test results (Multi-transmitter)

Appendix A Content

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TEST A.1: EMISSION LIMITATIONS RADIATED (TRANSMITTER).....15

PRODUCT INFORMATION

Information	Description
Modulation	GFSK , DPQSK, 8DPSK Wi-Fi 2.4 GHz: CCK, DSSS, OFDM (BPSK QPSK, 16/64QAM) Wi-Fi 5 GHz: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM)
Operation mode:	
- Operating Frequency Range	BR/EDR: 2402 - 2480 MHz Wi-Fi 2.4 GHz: 2.400 - 2.483.5 GHz Wi-Fi 5 GHz: 5.150 - 5.250 GHz 5.725 - 5.875 GHz
- Nominal Channel Bandwidth	BR/EDR: 1 MHz Wi-Fi 2.4 GHz: 20MHz, 40MHz Wi-Fi 5GHz: 20MHz, 40MHz, 80MHz
- RF Output Power	BR/EDR: 4 dBm Wi-Fi 2.4 GHz: 9 dBm Wi-Fi 5 GHz: 9 dBm
Antenna type	external
Antenna gain	BR/EDR: 2 dBi Wi-Fi 2.4 GHz: 2 dBi Wi-Fi 5 GHz: 5 dBi
Nominal Voltage	
- Supply Voltage	12 Vdc
- Type of power source	DC voltage
Equipment type	Bluetooth, Wi-Fi 2.4 GHz, and Wi-Fi 5 GHz

DESCRIPTION OF TEST CONDITIONS

TEST CONDITIONS	DESCRIPTION																				
TC#01 ⁽¹⁾	<u>Power supply (V):</u> DC 12 V																				
	<u>Test Frequencies for Radiated tests:</u>																				
	<table><tr><th>Technology</th><th>Tested Frequency</th><th>BW (MHz)</th><th>Modulation</th><th>Mode</th></tr><tr><td>Bluetooth</td><td>2402</td><td>1</td><td>FHSS</td><td>8DPSK</td></tr><tr><td>Wi-Fi 2.4 GHz MIMO</td><td>2462</td><td>20</td><td>OFDM</td><td>b mode</td></tr></table>	Technology	Tested Frequency	BW (MHz)	Modulation	Mode	Bluetooth	2402	1	FHSS	8DPSK	Wi-Fi 2.4 GHz MIMO	2462	20	OFDM	b mode					
	Technology	Tested Frequency	BW (MHz)	Modulation	Mode																
	Bluetooth	2402	1	FHSS	8DPSK																
Wi-Fi 2.4 GHz MIMO	2462	20	OFDM	b mode																	
The test was performed with the equipment transmitting with Bluetooth and Wi-Fi 2.4GHz radios simultaneously. These measurements have been performed in order to check the impact of the multi-transmitter of all radio interfaces that can be transmitting simultaneously.																					
TC#02 ⁽¹⁾	<u>Power supply (V):</u> DC 12 V																				
	<u>Test Frequencies for Radiated tests:</u>																				
	<table><tr><th>Technology</th><th>Tested Frequency</th><th>BW (MHz)</th><th>Modulation</th><th>Mode</th></tr><tr><td>Bluetooth</td><td>2402</td><td>1</td><td>FHSS</td><td>8DPSK</td></tr><tr><td>Wi-Fi 2.4 GHz MIMO</td><td>2462</td><td>20</td><td>OFDM</td><td>b mode</td></tr><tr><td>Wi-Fi 5 GHz MIMO</td><td>5240</td><td>20</td><td>OFDM</td><td>a mode</td></tr></table>	Technology	Tested Frequency	BW (MHz)	Modulation	Mode	Bluetooth	2402	1	FHSS	8DPSK	Wi-Fi 2.4 GHz MIMO	2462	20	OFDM	b mode	Wi-Fi 5 GHz MIMO	5240	20	OFDM	a mode
	Technology	Tested Frequency	BW (MHz)	Modulation	Mode																
	Bluetooth	2402	1	FHSS	8DPSK																
Wi-Fi 2.4 GHz MIMO	2462	20	OFDM	b mode																	
Wi-Fi 5 GHz MIMO	5240	20	OFDM	a mode																	
The test was performed with the equipment transmitting with Bluetooth, Wi-Fi 2.4 GHz, and Wi-Fi 5 GHz radios simultaneously. These measurements have been performed in order to check the impact of the multi-transmitter of all radio interfaces that can be transmitting simultaneously.																					

Note (1): Preliminary scan was performed to determine the worst case between two SISO ports (2.4 GHz or 5 GHz) and MIMO (2.4 GHz or 5 GHz) ports. The following tables and plots show the results for the worst case in BT + Wi-Fi 2.4 GHz and BT + Wi-Fi 2.4 GHz + Wi-Fi 5 GHz.

TEST A.1: EMISSION LIMITATIONS RADIATED (TRANSMITTER)

LIMITS:	Product standard:	Part 15 Subpart C §15.247, Part 15.31(h), and RSS-247
	Test standard:	Part 15 Subpart C §15.247 (d) and RSS-Gen 8.9 and 8.10

LIMITS

Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c) / RSS-Gen):

Frequency Range (MHz)	Field strength (µV/m)	Field strength (dBµV/m)	Measurement distance (m)
0.009-0.490	2400/F(kHz)	-	300
0.490-1.705	24000/F(kHz)	-	30
1.705 - 30.0	30	-	30
30 - 88	100	40	3
88 - 216	150	43.5	3
216 - 960	200	46	3
960 - 25000	500	54	3

The emission limits shown in the above table are based on measurements employing CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

For average radiated emission measurements above 1000 MHz, there is also a limit corresponding to 20 dB above the indicated values in the table is specified when measuring with peak detector function.

TEST SETUP

All radiated tests were performed in a semi-anechoic chamber. The measurement antenna is situated at 3 m for the frequency range 30-1000 MHz (Bilog antenna) and 1-18 GHz (Double ridge horn antenna), and 1m for the frequency range 18 GHz- 26 GHz (Double ridge horn antenna).

For radiated emissions in the range 18 - 26 GHz that is performed at a distance closer than the specified distance, an inverse proportionality factor of 20 dB per decade is used to normalize the measured data for determining compliance.

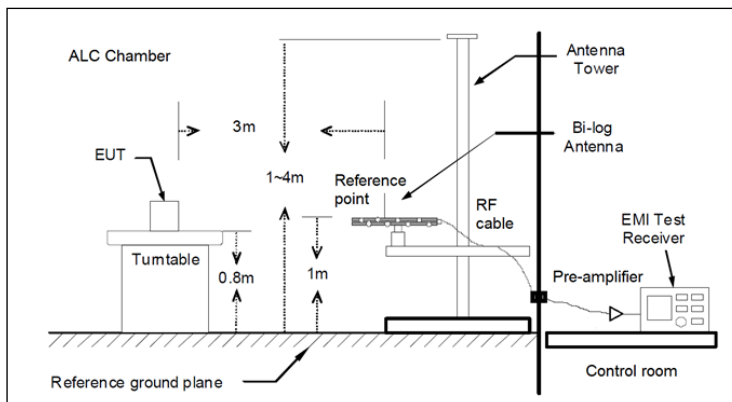
The equipment under test was set up on a non-conductive platform above the ground plane and the situation and orientation was varied to find the maximum radiated emission. It was also rotated 360° and the antenna height was varied from 1 to 4 meters to find the maximum radiated emission.

Measurements were made in both horizontal and vertical planes of polarization.

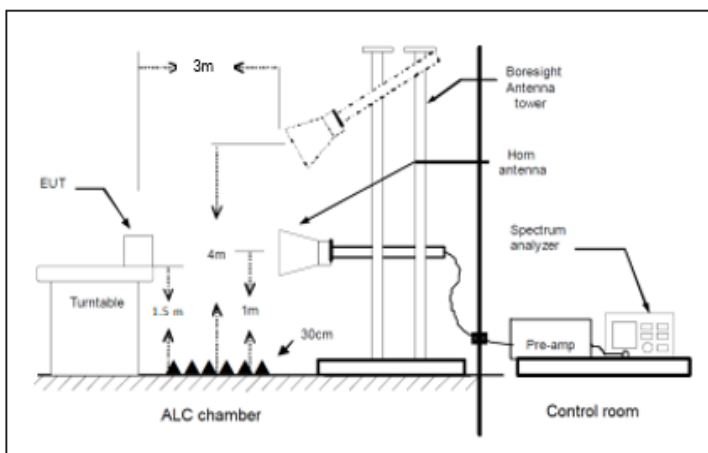
The field strength is calculated by adding correction factor to the measured level from the spectrum analyzer. This correction factor includes antenna factor, cable loss and pre-amplifiers gain.

TEST SETUP (CONT.)

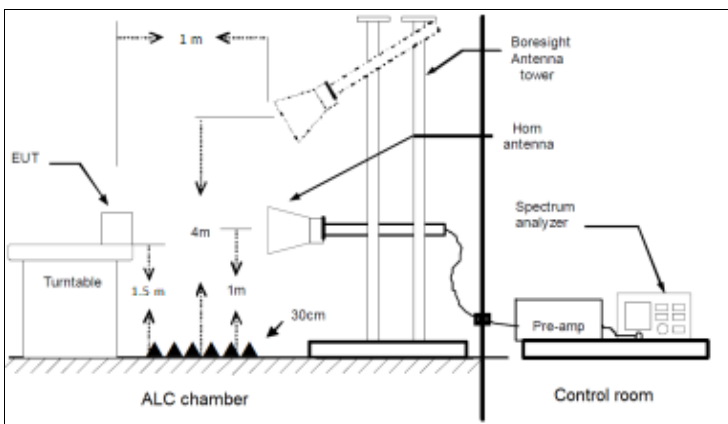
Radiated measurements Setup $f < 1$ GHz



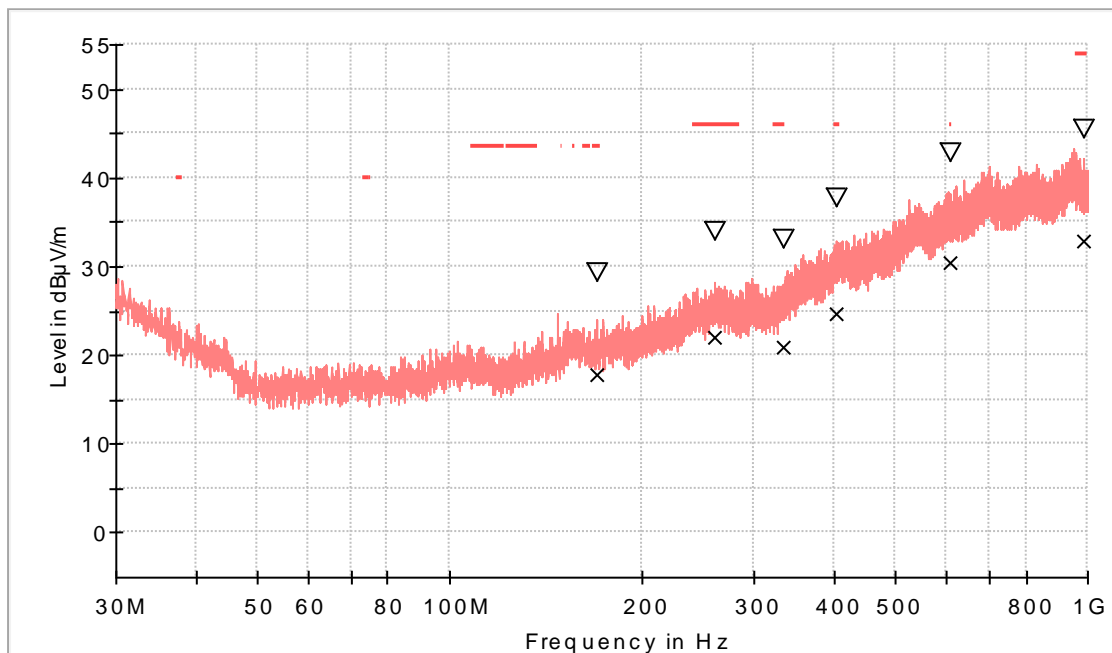
Radiated measurements setup $f > 1-18$ GHz



Radiated measurements setup $f > 18$ GHz



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#01
TEST RESULTS :	30-1000 MHz



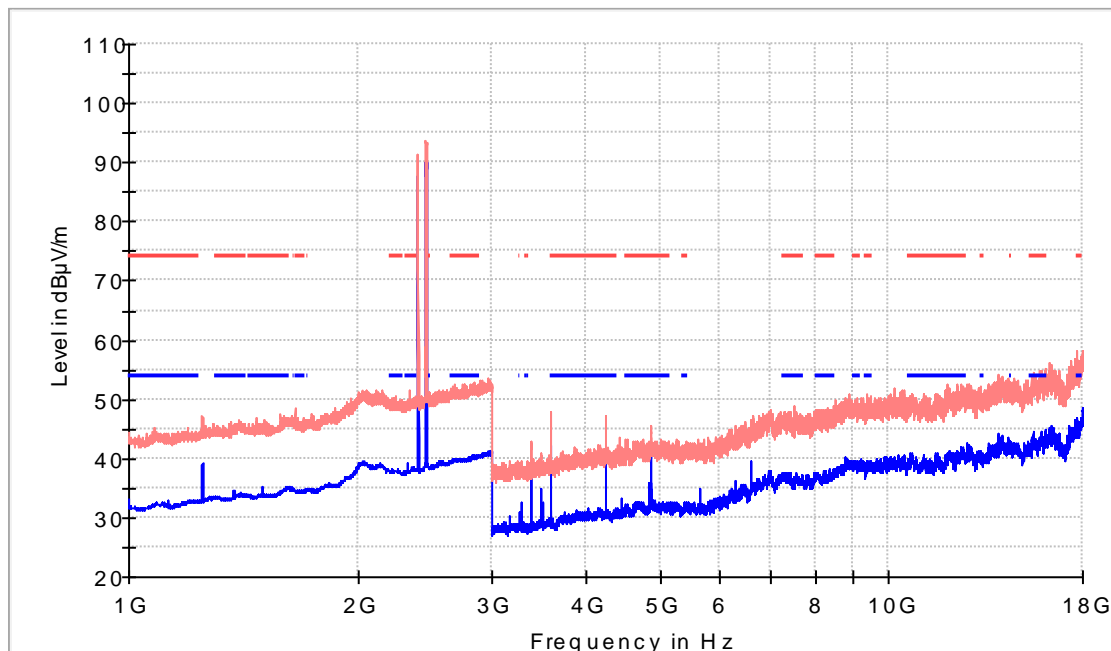
— PK+_MAXH
 — TX limits to Spurious Emission FCC15.247 (30M Hz to 1GHz) Restricted Bands QPK Lir
 ▽ MaxPeak-PK+ (Single)
 x QuasiPeak-QPK (Single)

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	QuasiPeak (dBμV/m)	Pol	Margin - QPK (dB)	Limit - QPK (dBμV/m)
123.459500	27.9	16.1	H	27.4	43.5
172.056500	30.6	18.8	V	24.7	43.5
264.400500	34.9	23.1	V	22.9	46.0
402.674000	38.7	25.5	V	20.6	46.0
609.575000	43.3	31.2	V	14.8	46.0
970.560500	46.9	34.6	H	19.5	54.0

TEST RESULTS (Cont.):

1-18 GHz



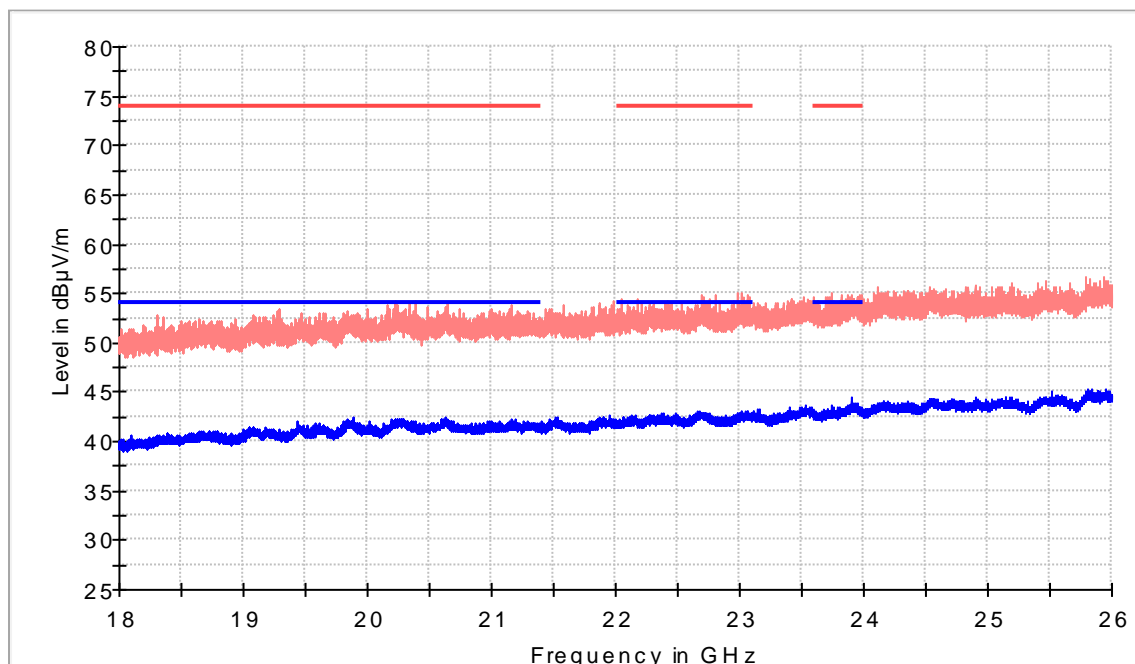
— AVG_MAXH
 — PK+_MAXH
 — TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands PK Limit
 — TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands AVG Limit

Final Result

Frequency (MHz)	PK+_MAXH (dBμV/m)	AVG_MAXH (dBμV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBμV/m)	Comment
2402.500000	90.9	85.8	H	---	---	Fundamental
2461.000000	93.7	90.1	V	---	---	Fundamental
4858.000000	44.2	40.9	H	13.1	54.0	
17993.500000	58.3	48.5	H	5.5	54.0	

TEST RESULTS (Cont.):

18 – 26 GHz



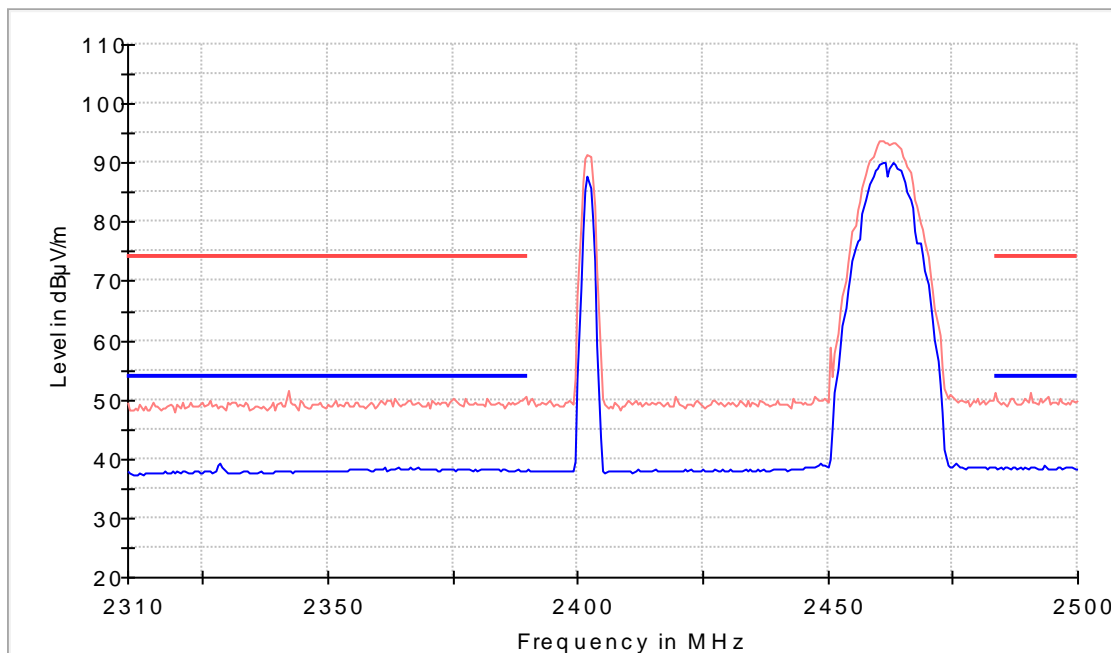
- AVG_MAXH
- PK+_MAXH
- TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands AVG Limit

Final Result

Frequency (MHz)	PK+_MAXH (dBμV/m)	AVG_MAXH (dBμV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBμV/m)
20381.500000	54.2	41.2	H	12.8	54.0
23020.000000	55.0	42.5	V	11.5	54.0
23743.500000	55.0	42.5	V	11.5	54.0

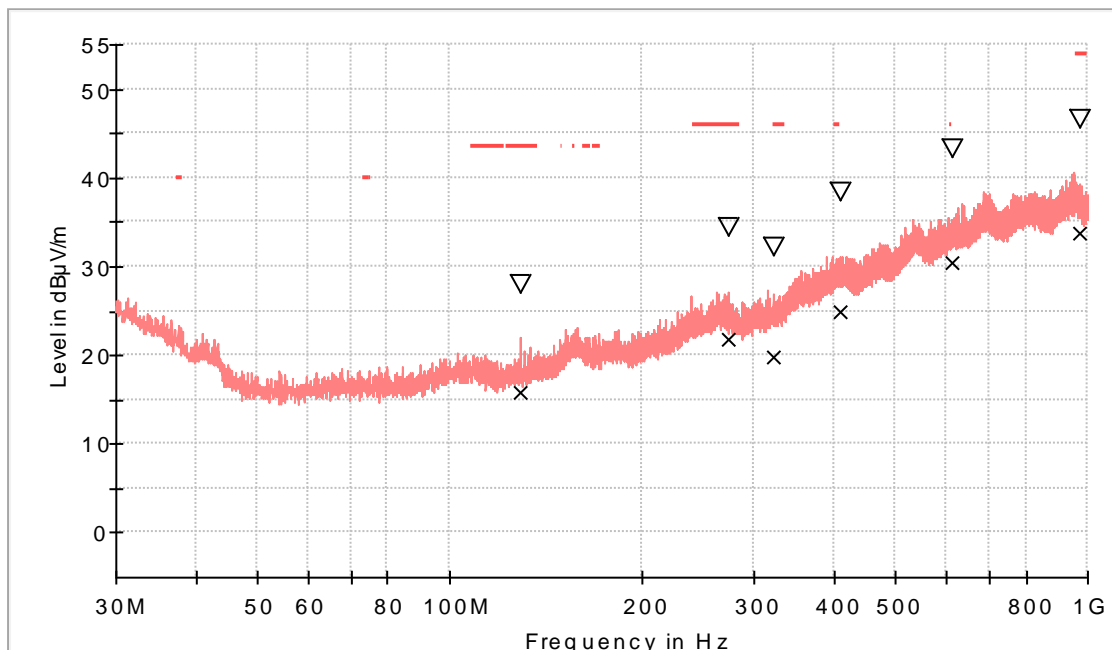
TEST RESULTS (Cont.):

Restricted Bands (2.31 GHz – 2.5 GHz)



- AVG_MAXH
- PK+_MAXH
- TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.247 (1-26 GHz) Restricted Bands AVG Limit

TESTED SAMPLES:	S/02
TESTED CONDITIONS MODES:	TC#02
TEST RESULTS :	30-1000 MHz



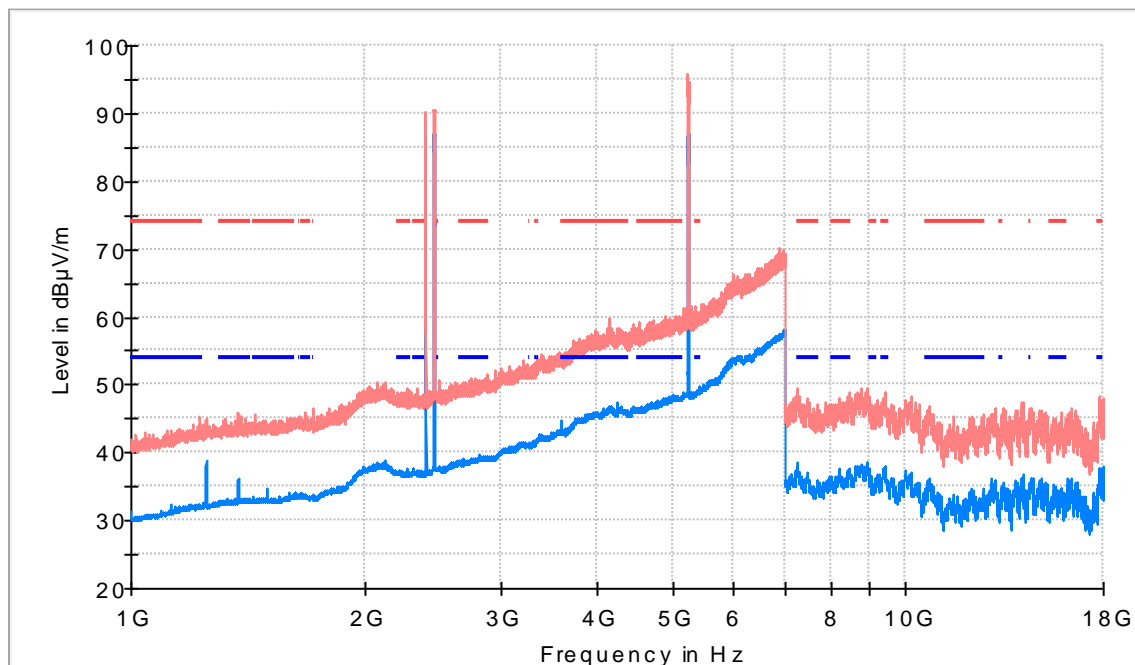
— PK+_MAXH
 — TX limits to Spurious Emission FCC15.407 (30 MHz to 1 GHz) Restricted Bands QPK Lir
 v MaxPeak-PK+ (Single)
 x QuasiPeak-QPK (Single)

Final Result

Frequency (MHz)	MaxPeak (dBuV/m)	QuasiPeak (dBuV/m)	Pol	Margin - QPK	Limit - QPK (dBuV/m)
128.843000	28.1	15.8	V	27.7	43.5
274.343000	34.4	21.9	H	24.1	46.0
322.261000	32.2	19.9	H	26.1	46.0
409.803500	38.3	25.0	H	21.0	46.0
612.339500	43.3	30.4	H	15.7	46.0
969.154000	46.6	33.7	V	20.3	54.0

TEST RESULTS (Cont.):

1-18 GHz



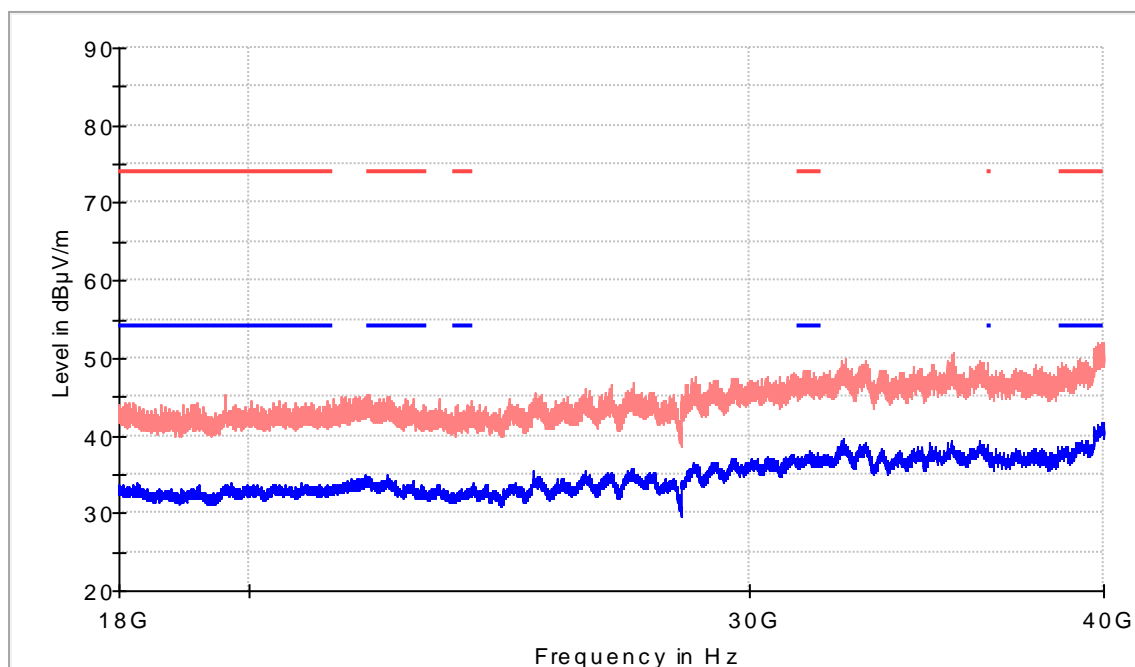
- AVG_MAXH
- PK+_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Lim

Final Result

Frequency (MHz)	PK+_MAXH (dBuV/m)	AVG_MAXH (dBuV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBuV/m)	Comment
2402.000000	90.4	87.1	H	---	---	Fundamental
2462.500000	90.2	87.0	V	---	---	Fundamental
4233.000000	57.4	47.2	V	6.8	54.0	
5243.000000	94.8	87.0	H	---	---	Fundamental
17782.000000	45.7	37.8	H	16.2	54.0	

TEST RESULTS (Cont.):

18 – 40 GHz



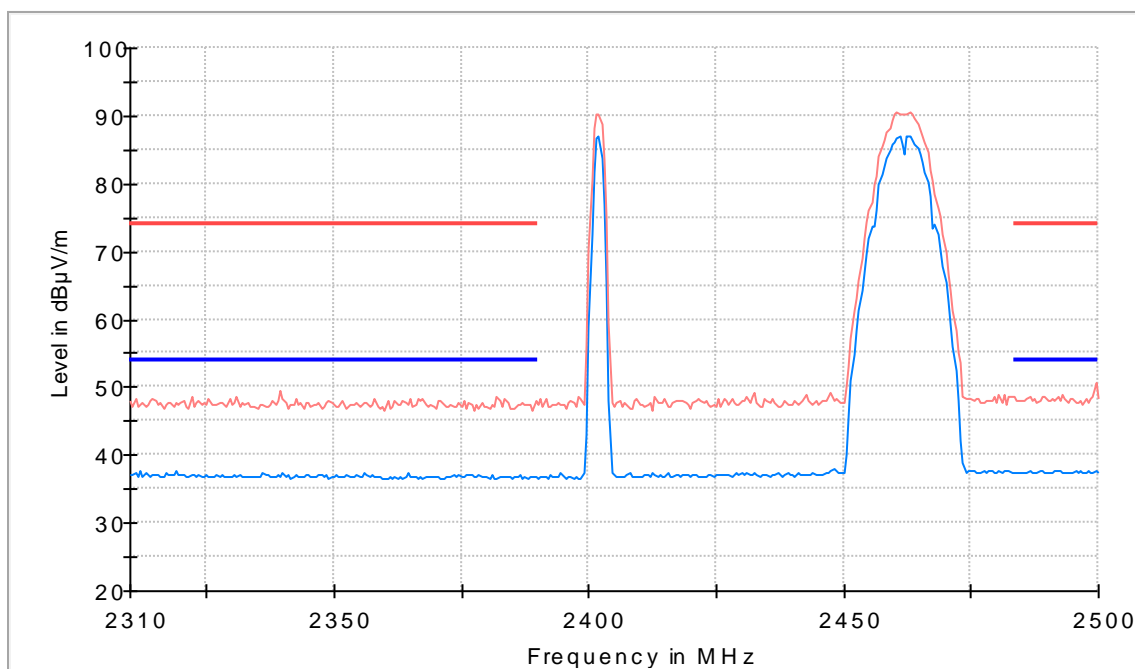
- AVG_MAXH
- PK+_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Lim

Final Result

Frequency (MHz)	PK+_MAXH (dBuV/m)	AVG_MAXH (dBuV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBuV/m)
31498.375000	46.7	38.1	H	15.9	54.0
36444.250000	47.3	37.9	V	16.1	54.0
39924.375000	52.1	40.7	H	13.3	54.0

TEST RESULTS (Cont.):

Restricted Bands (2.31 GHz – 2.5 GHz)



- AVG_MAXH
- PK+_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Lim