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EMI TEST REPORT
FCC CERTIFICATION

Applicant: **Infomark Co., Ltd.** 3rd Floor, Humaxvillage, 216, Hwangsaeul-ro Bundang-gu Seongnam-Si, Gyonggi-Do, 463-875 South Korea	**Date of Issue: March 21, 2019** **Test Report No. HCT-EM-1903-FC009** **Test Site: HCT CO., LTD.**

FCC ID : **YCOIFW522T**

Rule Part(s) / Standard(s)	: 47 CFR PART 15 Subpart B Class B ANSI C63.4-2014
EUT Type	: Kids Watch
Model Name	: IF-W522T
Date of Test	: March 07, 2019 to March 19, 2019

The device bearing the trade name and model specified above, has been shown to comply with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.4-2014. (See Test Report if any modifications were made for compliance)
I attest to the accuracy of data. All measurements reported herein were performed by me or were made under my supervision and are correct to the best of my knowledge and belief. I assume full responsibility for the completeness of these measurements and vouch for the qualifications of all persons taking them.
HCT certifies that no party to application has been denial the FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C 862

Tested By

Kyoung-Hee Yoon
Test Engineer
EMC Team
Certification Division

Reviewed

Jin-Pyo Hong
Technical Manager
EMC Team
Certification Division

REVISION HISTORY

The revision history for this document is shown in table.

Report No.	Issue Date	Information About Changes
HCT-EM-1903-FC009	March 21, 2019	Initial Release

TABLE OF CONTENTS

PAGE

1. GENERAL INFORMATION

1.1 Description of EUT

Its basic purpose is used for communications.

FCC ID	YCOIFW522T
Model	IF-W522T
EUT Type	Kids Watch
Frequency Band	LTE B2: TX 1 850 to 1 910 MHz, RX 1 930 to 1990 MHz LTE B4: TX 1 710 to 1 785 MHz, RX 2 110 to 2 155 MHz LTE B12: TX 699 to 716 MHz, RX 729 to 746 MHz WIFI: 2 412 MHz to 2 462 MHz Bluetooth: 2 402 MHz to 2 480 MHz
Power Voltage	Low 4.2 V, Normal 3.8 V, High 3.4 V

1.2 Tested System Details

All equipment descriptions used in the tested system (including inserted cards) are:

Device Type	Model Name	Serial Number	Manufacturer	FCC ID / DoC
EUT	IF-W522T	-	Infomark	YCOIFW522T
Cradle	IF-A522T	-	Infomark	-
Travel adaptor	S005AYU0500100		SWITCHING POWER SUPPLY	-
Notebook PC	ProBook6560b	5CB2053MXF	HP	DoC
Notebook PC adaptor	Series PPP009L-E	-	LITE-On Technology	-
RJ45 cable	-	-	-	-
Gateway	TL-WR747N	-	TP-LINK	-
Gateway adaptor	T090060-2H1	-	TP-LINK	-
Serial mouse	Serial 2 Button mouse	02031069	Radio Shack	FSUGMZE3

1.3 Cable Description

Product Name	Port	Power Cord Shielded (Y/N)	I/O Cable Shielded (Y/N)	Length (m)
EUT	USB (Cradle)	N	N	(P,D) 1.2
TA	AC IN	N	N/A	-
Notebook PC	USB	N/A	N	(D) 1.2
	RJ 45	N/A	N	(D) 1.6
	Mouse	N/A	Y	(D) 1.8
	DC IN	N	N/A	(P) 1.8
Gateway	DC IN	N	N/A	(P) 1.8

* The marked “(D)” means the data cable and “(P)” means the power cable.

1.4 Noise Suppression Parts on Cable. (I/O Cable)

Product Name	Port	Ferrite Bead (Y/N)	Location	Metal Hood (Y/N)	Location
EUT	USB (Cradle)	N/A	N/A	Y	Both end
TA	AC IN	N/A	N/A	Y	TA end
Notebook PC	USB	N/A	N/A	Y	Both end
	RJ 45	N/A	N/A	Y	Both end
	Mouse	N/A	N/A	Y	Both end
	DC IN	Y	Notebook PC end	Y	Both end

1.5 Test Facility

Test site is located at 74, SEOICHEON-RO, 578BEON-GIL, MAJANG-MYEON, ICHEON-SI, GYEONGGI-DO, SOUTH KOREA. Those measurement facilities are constructed in conformance with the requirements of ANSI C63.4-2014. The Normalized site attenuations (30 MHz to 1 GHz) and Site validation (1 GHz to 18 GHz) were performed in accordance with the standard in ANSI C63.4-2014

Measurement Facilities	Registration Number
Radiated Field strength measurement facility 3 m Semi Anechoic chamber	90661
Radiated Field strength measurement facility 10 m Semi Anechoic chamber	

1.6 Calibration of Measuring Instrument

The measuring equipment, which was utilized in performing the tests documented herein, has been calibrated in accordance with the manufacturers recommendations for utilizing calibration equipments, which is traceable to recognized national standards.
Especially, all antenna for measurement is calibrated in accordance with the requirements of C63.5 (Version : 2006).

1.7 Measurement Uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI C63.4-2014.
All measurement uncertainty values are shown with a coverage factor of $k = 2$ to indicate a 95 % level of confidence. The measurement data shown herein meets or exceeds the U_{CISPR} measurement uncertainty values specified in CISPR 16-4-2 and, thus, can be compared directly to specified limits to determine compliance.

Parameter	Expanded Uncertainty (dB)
Conducted Emission (0.15 MHz to 30 MHz)	1.82 dB
Radiated Emissions (30 MHz to 1 GHz)	5.20 dB
Radiated Emissions (1 GHz to 18 GHz)	5.24 dB
Radiated Emissions (18 GHz to 40 GHz)	5.40 dB

2. LIST OF TEST EQUIPMENT

	Type	Manufacturer	Model Name	Serial Number	Calibration Cycle	CAL Date
Conducted Emission						
☒	EMI Test Receiver	Rohde & Schwarz	ESCI	100584	1 year	06.25.2018
☒	EMI Test Receiver	Rohde & Schwarz	ESCI	100033	1 year	06.27.2018
☐	LISN	Rohde & Schwarz	ENV216	102245	1 year	12.12.2018
☒	LISN	Rohde & Schwarz	ENV216	100073	1 year	05.03.2018
☒	Software	Rohde & Schwarz	EMC32 VER8.54.0	-	-	-
Radiated Emission						
-For measurement below 1 GHz						
☒	EMI Test Receiver	Rohde & Schwarz	ESU40	100524	1 year	07.27.2018
☒	Trilog Antenna	Schwarzbeck	VULB 9168	760	2 year	04.06.2017
☒	Trilog Antenna	Schwarzbeck	VULB 9168	847	2 year	04.13.2018
☒	Antenna master	INNCO Systems	MA4640-XP-ET	-	N/A	-
☒	Antenna master controller	INNCO Systems	CO 3000	CO3000/870/ 35990515/L	N/A	-
☒	Turn Table	INNCO Systems	1060	-	N/A	-
☒	Turn Table controller	INNCO Systems	CO2000	CO2000/095/ 7590304/L	N/A	-
☐	EMI Test Receiver	Rohde & Schwarz	ESU26	100241	1 year	08.14.2018
☐	Antenna master	INNCO Systems	MA4000-EP	MA4000/283	N/A	-
☐	Turn Table	INNCO Systems	DT3000-3T	DT3000/69	N/A	-
☒	Software	Rohde & Schwarz	EMC32 VER8.40.0	-	-	-
-For measurement above 1 GHz						
☒	EMI Test Receiver	Rohde & Schwarz	ESU40	100524	1 year	07.27.2018
☒	Antenna master	INNCO Systems	MA4640-XP-ET	-	N/A	-
☒	Antenna master controller	INNCO Systems	CO3000	CO3000/870/ 35990515/L	N/A	-
☒	Turn Table	INNCO Systems	1060	-	N/A	-
☒	Turn Table controller	INNCO Systems	CO2000	CO2000/095/ 7590304/L	N/A	-
☒	Horn Antenna	Schwarzbeck	BBHA 9120D	01836	2 year	07.20.2018
☒	Low Noise Amplifier	TESTEK	TK-PA18H	170034-L	1 year	03.04.2019
☐	Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170#786	2 year	12.05.2017
☐	Power Amplifier	TESTEK	TK-PA1840H	170030-L	1 year	12.17.2018
☐	Antenna master controller	HD GmbH	HD 100	100/637	N/A	-
☐	Power Amplifier	CERNEX	CBLU1183540	21691	1 year	06.25.2018
☐	Antenna master	HD GmbH	MA240	240/520	N/A	-
☐	EMI Test Receiver	Rohde & Schwarz	ESU26	100241	1 year	08.14.2018
☐	Turn Table	INNCO Systems	DT3000-3T	DT3000/69	N/A	-
☒	Software	Rohde & Schwarz	EMC32 VER8.40.0	-	-	-

3. DESCRIPTION OF TEST

3.1 Measurement of Conducted Emission

The test procedure was in accordance with ANSI C63.4-2014, Clause 7.3

a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN).
If the EUT is connected to the PC through USB, the AC power-line adapter of the PC is directly connected to a line impedance stabilization network (LISN).
Other support units were connected to the power mains through another LISN. The two LISNs provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
b. Both conducted lines are measured in Quasi-Peak and Average mode, including the worst-case data points for each tested configuration.
c. The frequency range from 150 kHz to 30 MHz was searched.

[Conducted Emission Limit]

Frequency (MHz)	Resolution Bandwidth (kHz)	Class A		Class B	
		Quasi-Peak (dBµV)	Average (dBµV)	Quasi-Peak (dBµV)	Average (dBµV)
0.15 to 0.5	9	79	66	66 to 56*	56 to 46*
0.5 to 5	9	73	60	56	46
5 to 30	9	73	60	60	50

**Decreases with the logarithm of the frequency.*

3.2 Measurement of Radiated Emission

The test procedure was in accordance with ANSI C63.4-2014, Clause 8.3

a. The EUT was placed on the top of a turn table 0.8 meters above the ground at a semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
b. The EUT was set 3 m away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
c. The antenna height is varied from 1 m to 4 m above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 m to 4 m and the turn table was turned from 0 degrees to 360 degrees to find the maximum reading.
e. The test-receiver system was set to Quasi-Peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
f. The test-receiver system was set to Peak and Average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz.
g. Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response.(1 GHz to 40 GHz)

[Radiated Emission Limits]

Frequency (MHz)	Class A			Class B		
	Antenna Distance (m)	Field Strength (μV/m)	Quasi-Peak (dBμV/m)	Antenna Distance (m)	Field Strength (μV/m)	Quasi-Peak (dBμV/m)
30 to 88	10	90	39.0	3	100	40.0
88 to 216	10	150	43.5	3	150	43.5
216 to 960	10	210	46.4	3	200	46.0
Above 960	10	300	49.5	3	500	54.0

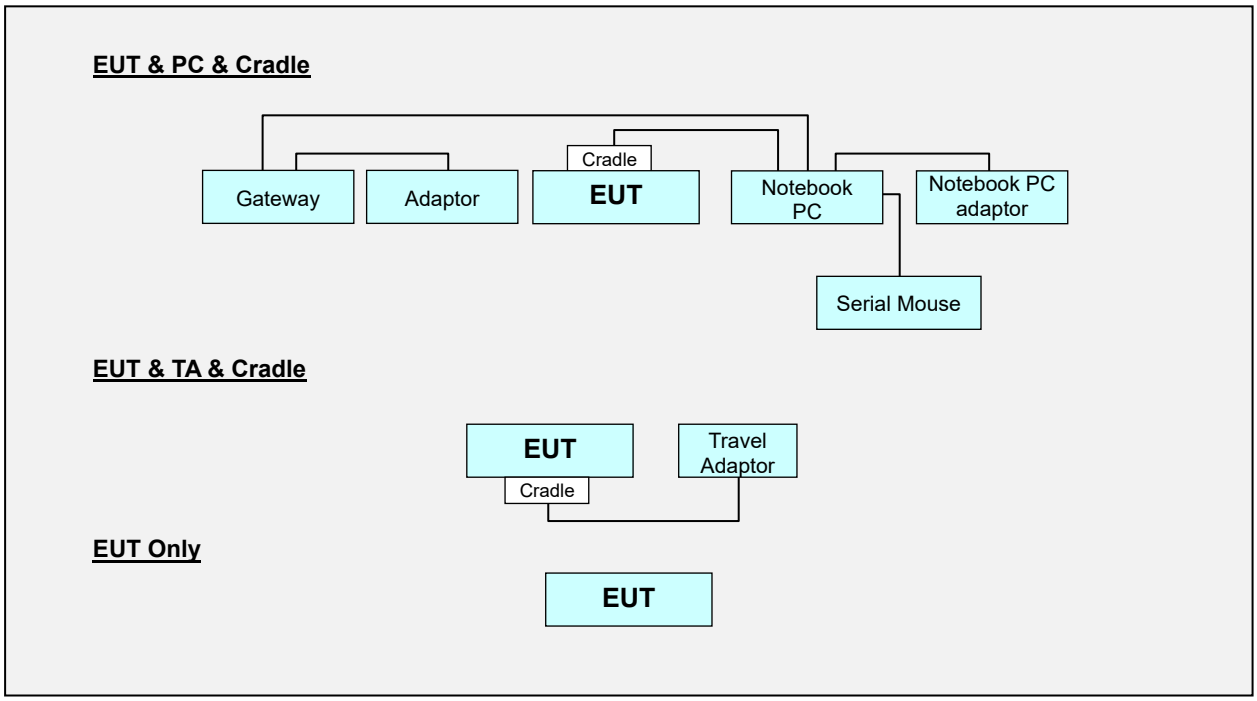
Frequency (MHz)	Antenna Distance (m)	Class A		Class B	
		Peak (dBμV/m)	Average (dBμV/m)	Peak (dBμV/m)	Average (dBμV/m)
Above 1 000	3	80	60	74	54

3.2.1 Frequency Range of Radiated Measurements

An unintentional radiator, including a digital device, the spectrum shall be investigated from the lowest radio frequency signal generated or used in the device, without going below the lowest frequency for which a Radiated Emission limit is specified, up to the frequency shown in the following table

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705 to 108	1 000
108 to 500	2 000
500 to 1 000	5 000
Above 1 000	5th harmonic of the highest frequency or 40 ㎓, whichever is lower

3.3 Configuration of Tested System



Non-Conductive Table
Power Line: 120 VAC, 60 Hz

4. PRELIMINARY TEST

4.1 Conducted Emission

It was tested the following operating mode, after connecting all peripheral devices.

Operating Modes:

[EUT & PC & Cradle]
DATA LINK mode

[EUT & TA & Cradle / EUT ONLY]
LTE BAND 2 (CENTER CH) RX Receiving + WIFI 2.4 GHz + Bluetooth mode
LTE BAND 4 (CENTER CH) RX Receiving + WIFI 2.4 GHz + Bluetooth mode
LTE BAND 12 (CH 5010/ 5095/ 5179) RX Receiving + WIFI 2.4 GHz + Bluetooth mode

NOTE.
1. All modes of operation were verified and the worst case configuration result was indicated in the test report.

4.2 Radiated Emission

It was tested the following operating mode, after connecting all peripheral devices.

Operating Modes:

[EUT & PC & Cradle]
DATA LINK mode

[EUT & TA & Cradle / EUT ONLY]
LTE BAND 2 (CENTER CH) RX Receiving + WIFI 2.4 GHz + Bluetooth mode
LTE BAND 4 (CENTER CH) RX Receiving + WIFI 2.4 GHz + Bluetooth mode
LTE BAND 12 (CH 5010/ 5095/ 5179) RX Receiving + WIFI 2.4 GHz + Bluetooth mode

NOTE.
1. Three orientations have been investigated and the worst case orientation is reported.
2. All modes of operation were verified and the worst case configuration result was indicated in the test report.

5. CONDUCTED AND RADIATED EMISSION TEST SUMMARY

5.1 Conducted Emission

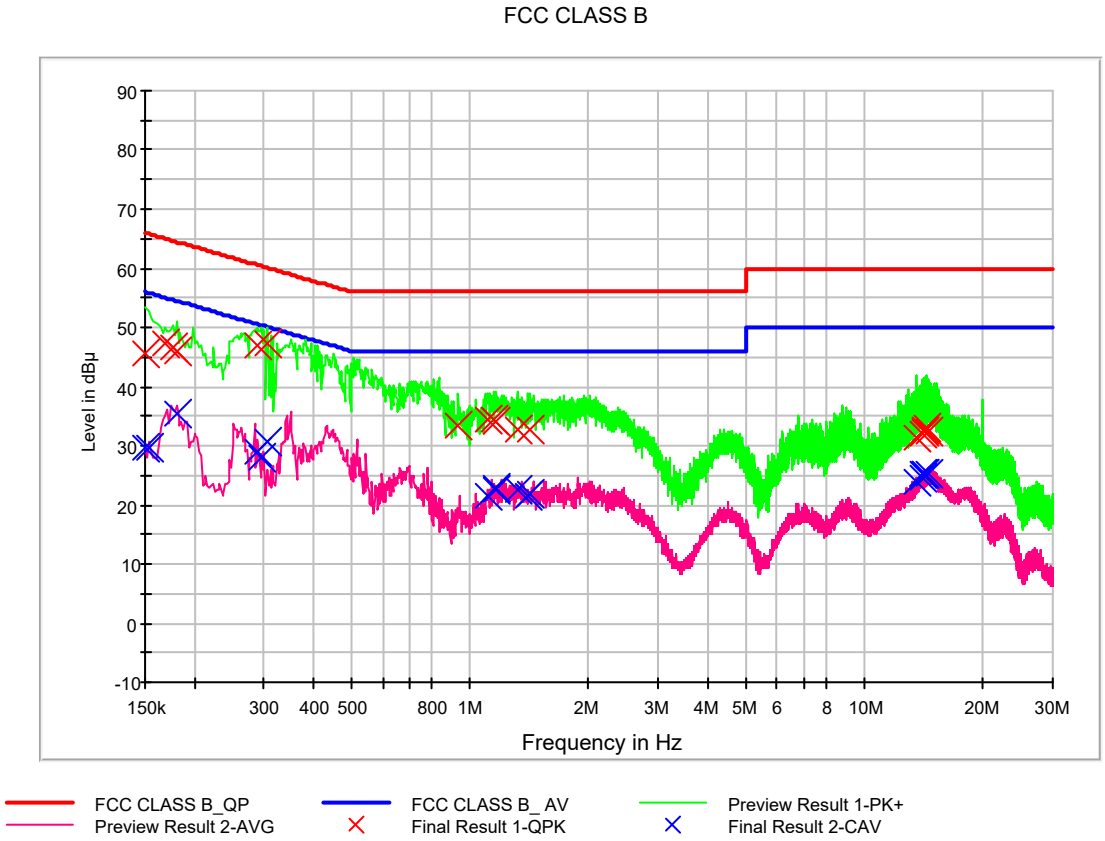
The test results of conducted emission at mains ports provide the following information:

Rule Part / Standard	FCC PART 15 Subpart B Class B ANSI C63.4-2014
Detector	Quasi-Peak, CISPR-Average
Bandwidth	9 kHz (6 dB)
Kind of Test Site	Shielded Room
Temperature	23.6 / 23.3 / 23.5 °C
Relative Humidity	42.3 / 42.8 / 40.2 %
Test Date	March 08 / March 14 / March 18, 2019

- Calculation Formula:

1. Conductor L1 = Hot, Conductor N = Neutral
2. Corr. = LISN Factor + Cable Loss
3. QuasiPeak or CAverage= Receiver Reading + Corr.
4. Margin = Limit – QuasiPeak or CAverage

Figure 1: Conducted Emission, DATA LINK mode, Line (L1)



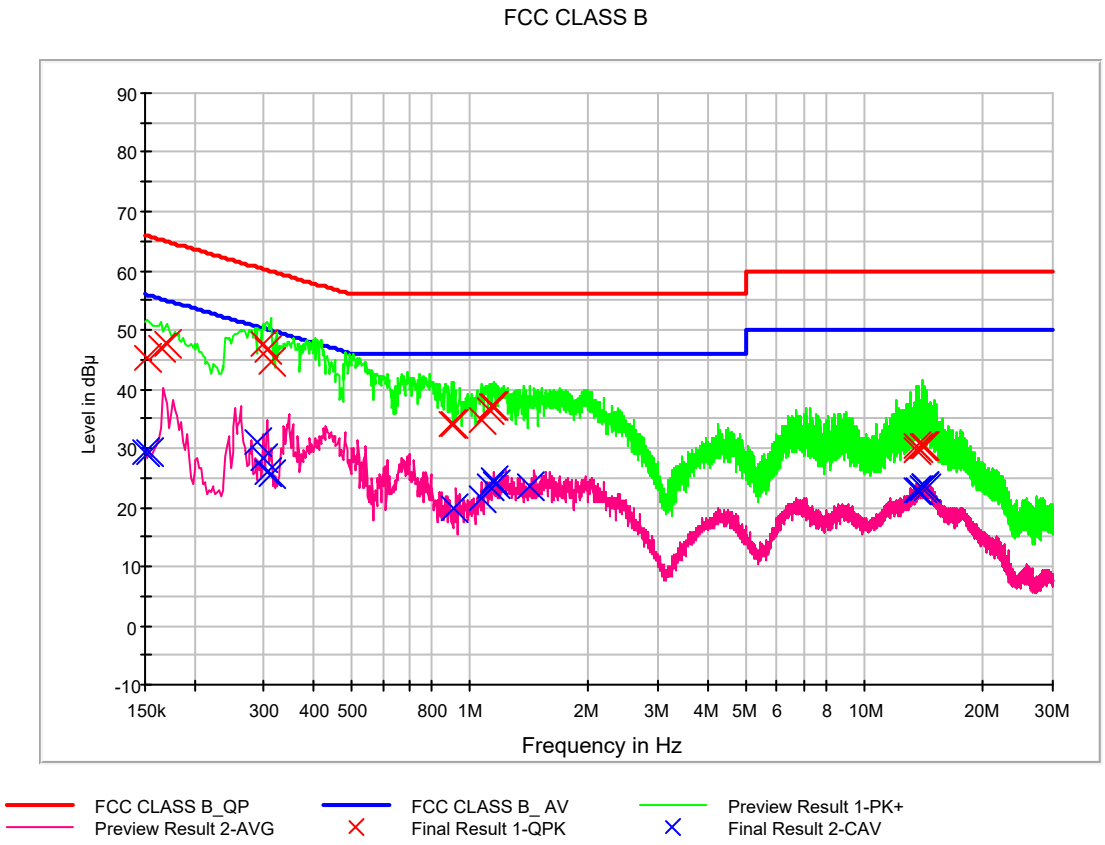
QuasiPeak Final Result, Line (L1)

Frequency (MHz)	QuasiPeak (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.150000	45.6	9.000	L1	9.6	20.4	66.0
0.168000	47.3	9.000	L1	9.6	17.8	65.1
0.176000	46.5	9.000	L1	9.6	18.2	64.7
0.180000	45.9	9.000	L1	9.6	18.6	64.5
0.290000	46.8	9.000	L1	9.6	13.7	60.5
0.306000	47.2	9.000	L1	9.6	12.9	60.1
0.934000	33.5	9.000	L1	9.7	22.5	56.0
1.110000	34.4	9.000	L1	9.7	21.6	56.0
1.154000	34.5	9.000	L1	9.7	21.5	56.0
1.168000	34.0	9.000	L1	9.7	22.0	56.0
1.314000	32.6	9.000	L1	9.8	23.4	56.0
1.418000	32.8	9.000	L1	9.8	23.2	56.0
13.586000	31.4	9.000	L1	10.0	28.6	60.0
13.992000	32.2	9.000	L1	10.0	27.8	60.0
14.146000	32.2	9.000	L1	10.1	27.8	60.0
14.224000	32.6	9.000	L1	10.1	27.4	60.0
14.340000	32.9	9.000	L1	10.1	27.1	60.0
14.570000	32.5	9.000	L1	10.1	27.5	60.0

CAverage Final Result, Line (L1)

Frequency (MHz)	CAverage (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.150000	29.6	9.000	L1	9.6	26.4	56.0
0.154000	29.6	9.000	L1	9.6	26.2	55.8
0.180000	35.4	9.000	L1	9.6	19.1	54.5
0.290000	29.0	9.000	L1	9.6	21.6	50.5
0.296000	28.0	9.000	L1	9.6	22.3	50.4
0.306000	30.8	9.000	L1	9.6	19.3	50.1
1.102000	21.6	9.000	L1	9.7	24.4	46.0
1.156000	22.7	9.000	L1	9.7	23.3	46.0
1.166000	22.4	9.000	L1	9.7	23.6	46.0
1.314000	22.5	9.000	L1	9.8	23.5	46.0
1.396000	21.6	9.000	L1	9.8	24.4	46.0
1.418000	21.9	9.000	L1	9.8	24.1	46.0
13.586000	23.9	9.000	L1	10.0	26.1	50.0
13.992000	24.7	9.000	L1	10.0	25.3	50.0
14.106000	25.4	9.000	L1	10.1	24.6	50.0
14.146000	25.1	9.000	L1	10.1	24.9	50.0
14.224000	25.2	9.000	L1	10.1	24.8	50.0
14.570000	25.4	9.000	L1	10.1	24.6	50.0

Figure 2: Conducted Emission, DATA LINK mode, Line (N)



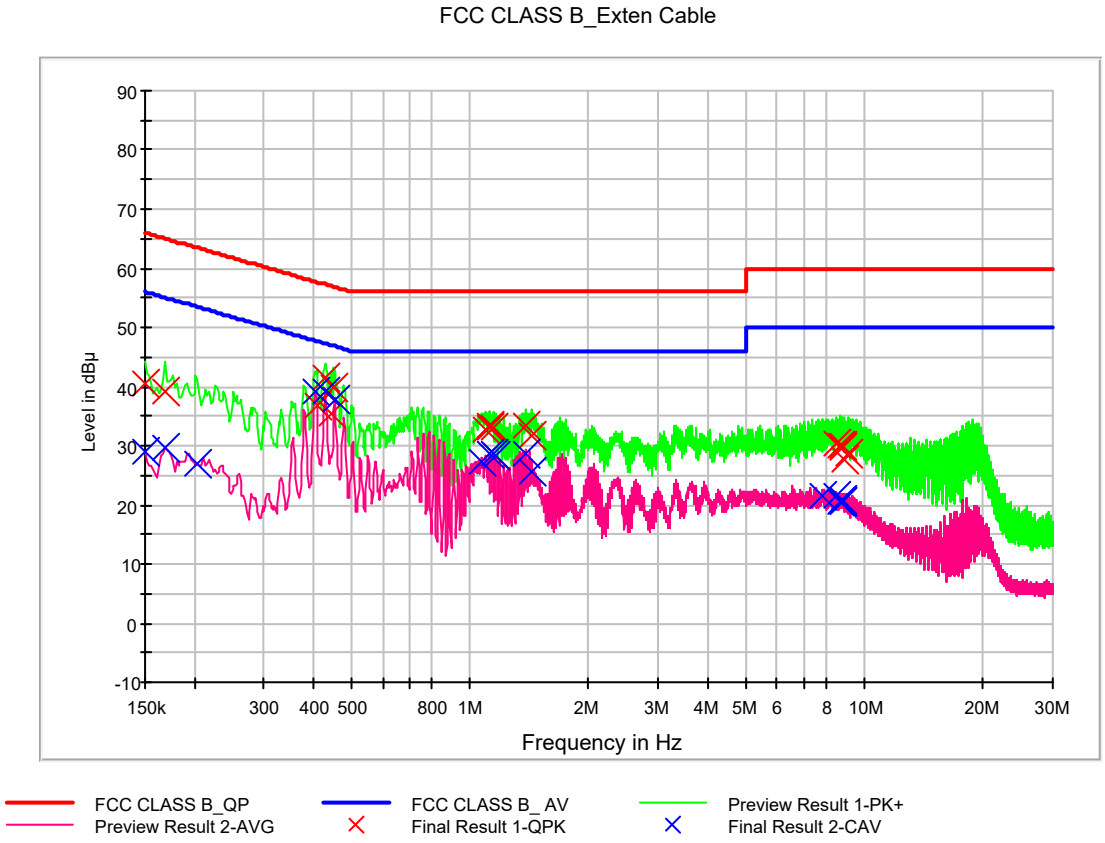
QuasiPeak Final Result, Line (N)

Frequency (MHz)	QuasiPeak (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.152000	45.2	9.000	N	9.6	20.7	65.9
0.164000	47.0	9.000	N	9.6	18.2	65.3
0.170000	47.6	9.000	N	9.6	17.4	65.0
0.300000	47.5	9.000	N	9.6	12.7	60.2
0.306000	46.8	9.000	N	9.6	13.3	60.1
0.312000	44.7	9.000	N	9.6	15.2	59.9
0.900000	33.9	9.000	N	9.7	22.1	56.0
0.910000	34.1	9.000	N	9.7	21.9	56.0
1.070000	34.9	9.000	N	9.7	21.1	56.0
1.122000	36.3	9.000	N	9.7	19.7	56.0
1.132000	37.1	9.000	N	9.7	18.9	56.0
1.148000	37.0	9.000	N	9.7	19.0	56.0
13.516000	30.3	9.000	N	10.0	29.7	60.0
13.604000	29.7	9.000	N	10.0	30.3	60.0
13.716000	30.0	9.000	N	10.0	30.0	60.0
13.966000	30.4	9.000	N	10.0	29.6	60.0
14.128000	30.4	9.000	N	10.0	29.6	60.0
14.212000	30.5	9.000	N	10.0	29.5	60.0

CAverage Final Result, Line (N)

Frequency (MHz)	CAverage (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.150000	29.5	9.000	N	9.6	26.5	56.0
0.154000	29.4	9.000	N	9.6	26.3	55.8
0.290000	31.0	9.000	N	9.6	19.5	50.5
0.300000	28.2	9.000	N	9.6	22.0	50.2
0.306000	26.1	9.000	N	9.6	24.0	50.1
0.314000	25.4	9.000	N	9.6	24.4	49.9
0.910000	19.8	9.000	N	9.7	26.2	46.0
1.070000	21.7	9.000	N	9.7	24.4	46.0
1.122000	23.4	9.000	N	9.7	22.6	46.0
1.146000	24.6	9.000	N	9.7	21.4	46.0
1.160000	23.8	9.000	N	9.7	22.2	46.0
1.420000	23.6	9.000	N	9.7	22.4	46.0
13.604000	22.9	9.000	N	10.0	27.1	50.0
13.716000	22.9	9.000	N	10.0	27.1	50.0
13.966000	23.2	9.000	N	10.0	26.8	50.0
14.128000	23.5	9.000	N	10.0	26.5	50.0
14.212000	23.5	9.000	N	10.0	26.5	50.0
14.436000	23.3	9.000	N	10.0	26.7	50.0

Figure 3: Conducted Emission, LTE B2 (Center CH) RX Receiving + WIFI 2.4 GHz + Bluetooth mode, Line (L1)



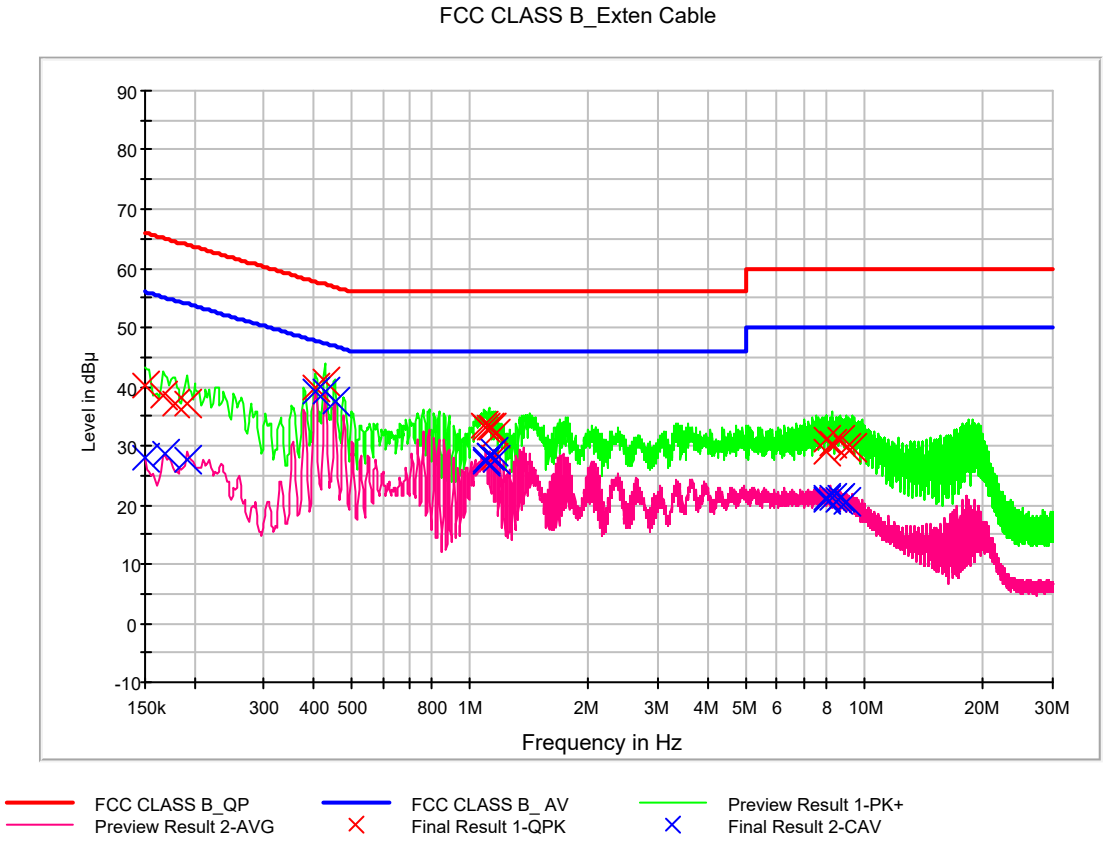
QuasiPeak Final Result, Line (L1)

Frequency (MHz)	QuasiPeak (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.150000	40.5	9.000	L1	9.7	25.5	66.0
0.168000	39.1	9.000	L1	9.7	25.9	65.1
0.410000	36.7	9.000	L1	9.7	21.0	57.6
0.432000	41.4	9.000	L1	9.7	15.8	57.2
0.444000	35.5	9.000	L1	9.7	21.5	57.0
0.452000	39.9	9.000	L1	9.8	16.9	56.8
1.100000	32.9	9.000	L1	9.8	23.1	56.0
1.118000	32.9	9.000	L1	9.8	23.1	56.0
1.122000	33.4	9.000	L1	9.8	22.6	56.0
1.142000	33.0	9.000	L1	9.8	23.0	56.0
1.386000	33.3	9.000	L1	9.9	22.7	56.0
1.440000	31.6	9.000	L1	9.9	24.4	56.0
8.448000	30.2	9.000	L1	10.2	29.8	60.0
8.638000	30.0	9.000	L1	10.2	30.0	60.0
8.746000	29.6	9.000	L1	10.2	30.4	60.0
8.796000	30.1	9.000	L1	10.2	29.9	60.0
8.938000	27.7	9.000	L1	10.2	32.3	60.0
9.100000	28.6	9.000	L1	10.2	31.4	60.0

CAverage Final Result, Line (L1)

Frequency (MHz)	CAverage (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.150000	28.8	9.000	L1	9.7	27.2	56.0
0.168000	29.6	9.000	L1	9.7	25.5	55.1
0.204000	27.1	9.000	L1	9.7	26.3	53.4
0.406000	39.1	9.000	L1	9.7	8.6	47.7
0.430000	39.3	9.000	L1	9.7	7.9	47.3
0.454000	37.7	9.000	L1	9.8	9.1	46.8
1.074000	27.3	9.000	L1	9.8	18.7	46.0
1.118000	28.8	9.000	L1	9.8	17.2	46.0
1.142000	28.7	9.000	L1	9.8	17.3	46.0
1.166000	28.4	9.000	L1	9.8	17.6	46.0
1.386000	28.8	9.000	L1	9.9	17.2	46.0
1.440000	25.6	9.000	L1	9.9	20.4	46.0
7.820000	21.4	9.000	L1	10.2	28.6	50.0
8.448000	21.4	9.000	L1	10.2	28.6	50.0
8.638000	20.6	9.000	L1	10.2	29.4	50.0
8.746000	20.5	9.000	L1	10.2	29.5	50.0
8.768000	20.5	9.000	L1	10.2	29.5	50.0
8.796000	20.7	9.000	L1	10.2	29.3	50.0

Figure 4: Conducted Emission, LTE B2 (Center CH) RX Receiving + WIFI 2.4 GHz + Bluetooth mode, Line (N)



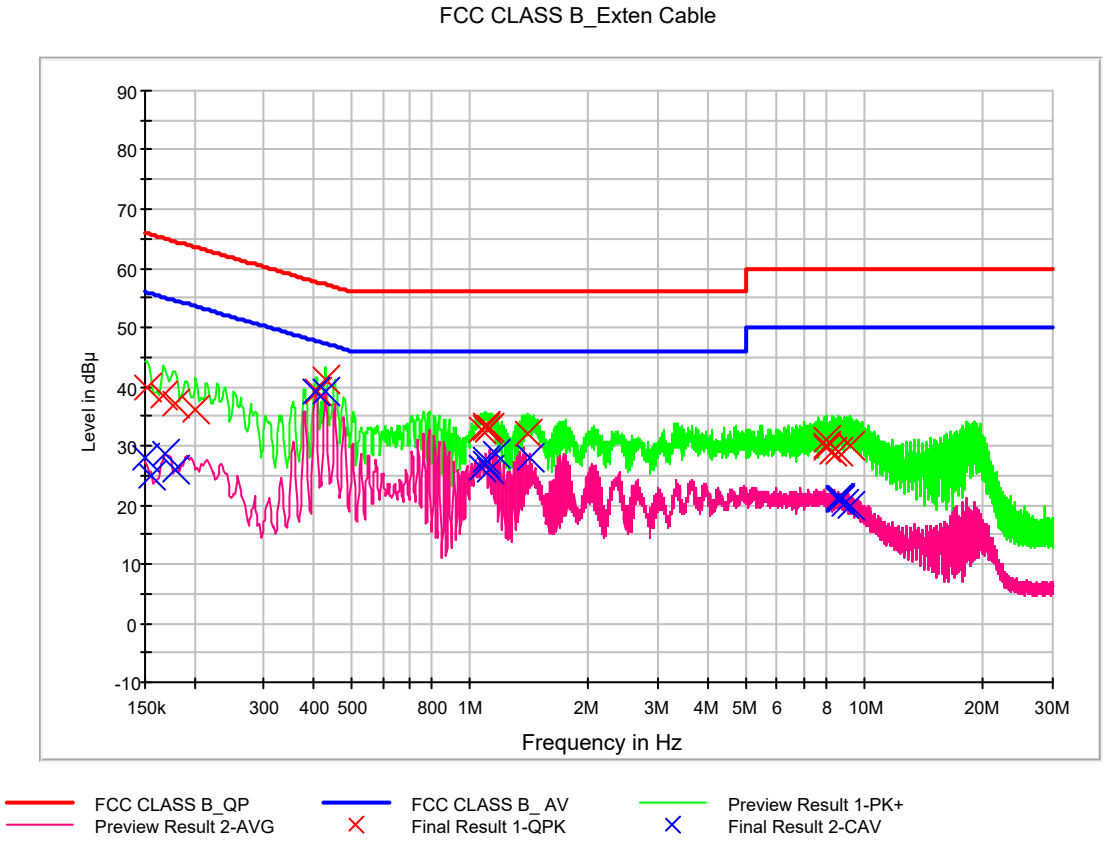
QuasiPeak Final Result, Line (N)

Frequency (MHz)	QuasiPeak (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.150000	40.3	9.000	N	9.8	25.7	66.0
0.166000	38.4	9.000	N	9.8	26.8	65.2
0.178000	37.3	9.000	N	9.8	27.3	64.6
0.192000	37.0	9.000	N	9.8	27.0	63.9
0.404000	40.0	9.000	N	9.9	17.8	57.8
0.428000	40.7	9.000	N	9.9	16.6	57.3
1.088000	33.3	9.000	N	10.0	22.7	56.0
1.100000	32.9	9.000	N	10.0	23.1	56.0
1.116000	33.1	9.000	N	10.0	22.9	56.0
1.140000	33.1	9.000	N	10.0	22.9	56.0
1.152000	28.1	9.000	N	10.0	27.9	56.0
1.164000	32.2	9.000	N	10.0	23.8	56.0
7.970000	30.9	9.000	N	10.4	29.1	60.0
7.986000	29.1	9.000	N	10.4	30.9	60.0
8.322000	30.5	9.000	N	10.4	29.5	60.0
8.654000	30.9	9.000	N	10.4	29.1	60.0
8.956000	29.7	9.000	N	10.4	30.3	60.0
9.286000	29.8	9.000	N	10.4	30.2	60.0

CAverage Final Result, Line (N)

Frequency (MHz)	CAverage (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.150000	28.0	9.000	N	9.8	28.0	56.0
0.168000	28.5	9.000	N	9.8	26.5	55.1
0.192000	27.8	9.000	N	9.8	26.2	53.9
0.406000	39.3	9.000	N	9.9	8.5	47.7
0.430000	39.3	9.000	N	9.9	8.0	47.3
0.454000	37.6	9.000	N	9.9	9.2	46.8
1.090000	27.5	9.000	N	10.0	18.5	46.0
1.098000	27.3	9.000	N	10.0	18.7	46.0
1.116000	28.4	9.000	N	10.0	17.6	46.0
1.120000	28.3	9.000	N	10.0	17.7	46.0
1.142000	28.9	9.000	N	10.0	17.1	46.0
1.164000	27.6	9.000	N	10.0	18.4	46.0
7.972000	21.2	9.000	N	10.4	28.8	50.0
7.986000	21.0	9.000	N	10.4	29.0	50.0
8.322000	21.1	9.000	N	10.4	28.9	50.0
8.606000	20.8	9.000	N	10.4	29.2	50.0
8.656000	21.1	9.000	N	10.4	29.0	50.0
8.956000	20.6	9.000	N	10.4	29.4	50.0

Figure 5: Conducted Emission, LTE B4 (Center CH) RX Receiving +WIFI 2.4 GHz + Bluetooth mode, Line (L1)



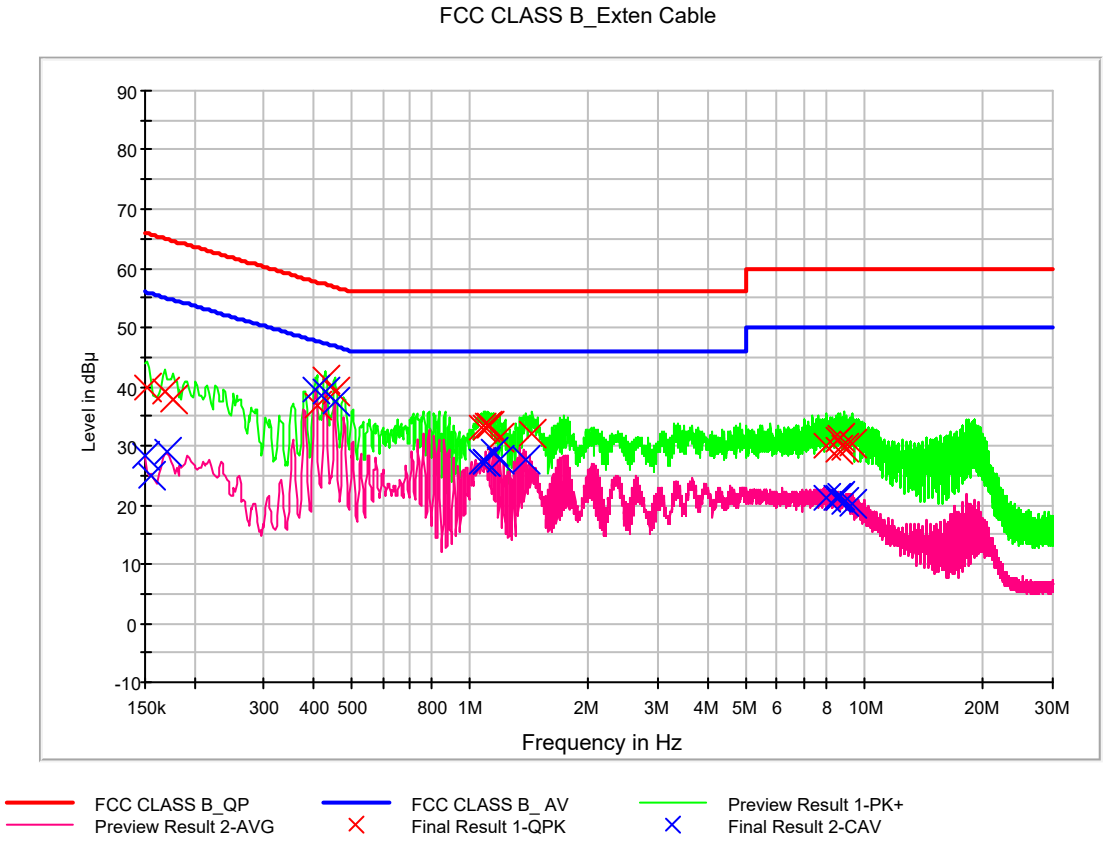
QuasiPeak Final Result, Line (L1)

Frequency (MHz)	QuasiPeak (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.152000	39.8	9.000	L1	9.7	26.1	65.9
0.166000	38.6	9.000	L1	9.7	26.5	65.2
0.178000	37.2	9.000	L1	9.7	27.4	64.6
0.202000	36.0	9.000	L1	9.7	27.5	63.5
0.408000	39.2	9.000	L1	9.7	18.4	57.7
0.430000	41.1	9.000	L1	9.7	16.2	57.3
1.064000	32.8	9.000	L1	9.8	23.2	56.0
1.090000	33.1	9.000	L1	9.8	22.9	56.0
1.098000	33.5	9.000	L1	9.8	22.5	56.0
1.112000	32.6	9.000	L1	9.8	23.4	56.0
1.116000	33.1	9.000	L1	9.8	22.9	56.0
1.394000	31.9	9.000	L1	9.9	24.1	56.0
7.964000	30.9	9.000	L1	10.2	29.1	60.0
7.974000	30.0	9.000	L1	10.2	30.0	60.0
8.024000	29.6	9.000	L1	10.2	30.4	60.0
8.334000	29.0	9.000	L1	10.2	31.0	60.0
8.590000	29.0	9.000	L1	10.2	31.0	60.0
9.240000	30.0	9.000	L1	10.2	30.0	60.0

CAverage Final Result, Line (L1)

Frequency (MHz)	CAverage (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.150000	28.1	9.000	L1	9.7	27.9	56.0
0.156000	25.0	9.000	L1	9.7	30.7	55.7
0.168000	28.7	9.000	L1	9.7	26.4	55.1
0.178000	26.0	9.000	L1	9.7	28.6	54.6
0.406000	39.2	9.000	L1	9.7	8.5	47.7
0.430000	39.3	9.000	L1	9.7	8.0	47.3
1.064000	26.2	9.000	L1	9.8	19.8	46.0
1.090000	27.1	9.000	L1	9.8	18.9	46.0
1.098000	27.5	9.000	L1	9.8	18.5	46.0
1.124000	26.0	9.000	L1	9.8	20.0	46.0
1.168000	28.5	9.000	L1	9.8	17.5	46.0
1.412000	27.9	9.000	L1	9.9	18.1	46.0
8.590000	20.9	9.000	L1	10.2	29.1	50.0
8.628000	21.1	9.000	L1	10.2	28.9	50.0
8.638000	21.0	9.000	L1	10.2	29.0	50.0
8.656000	21.3	9.000	L1	10.2	28.7	50.0
8.930000	20.3	9.000	L1	10.2	29.7	50.0
9.240000	19.9	9.000	L1	10.2	30.1	50.0

Figure 6: Conducted Emission, LTE B4 (Center CH) RX Receiving + WIFI 2.4 GHz + Bluetooth mode, Line (N)



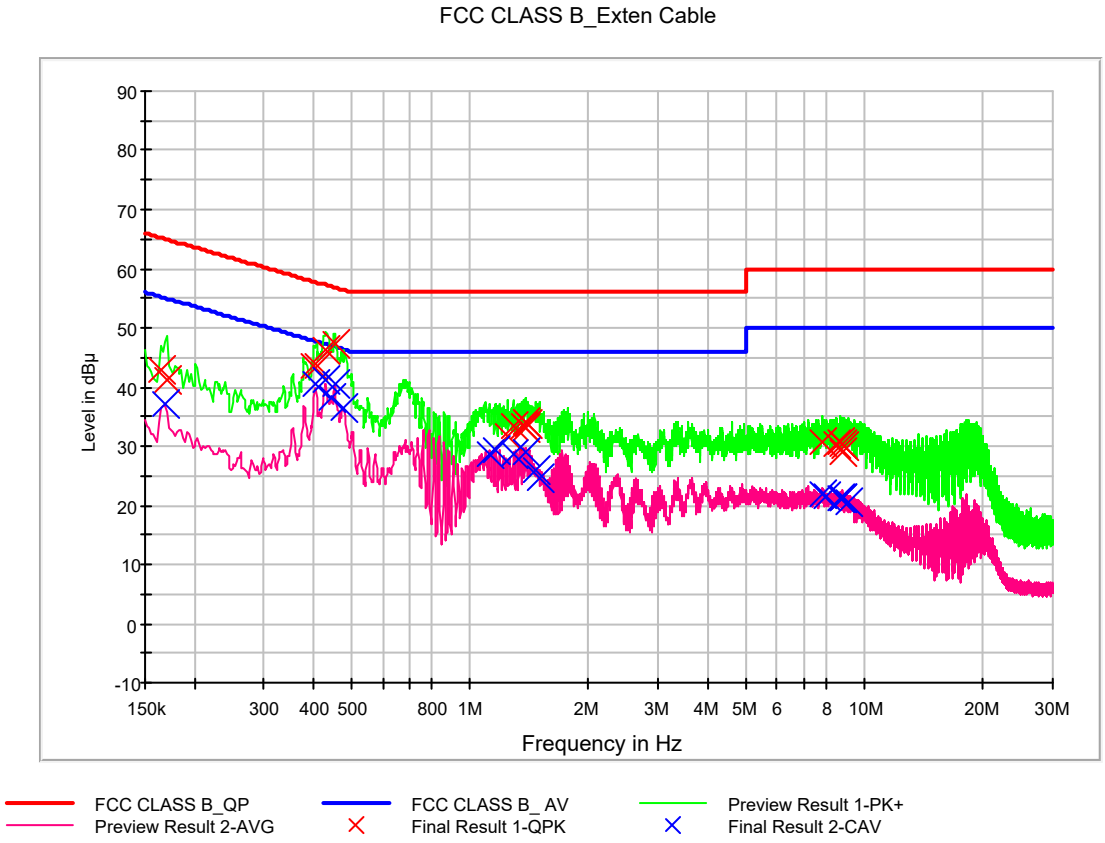
QuasiPeak Final Result, Line (N)

Frequency (MHz)	QuasiPeak (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.152000	40.0	9.000	N	9.8	25.9	65.9
0.168000	39.0	9.000	N	9.8	26.1	65.1
0.176000	37.7	9.000	N	9.8	27.0	64.7
0.410000	36.8	9.000	N	9.9	20.9	57.6
0.430000	41.1	9.000	N	9.9	16.2	57.3
0.454000	39.2	9.000	N	9.9	17.6	56.8
1.076000	33.1	9.000	N	10.0	22.9	56.0
1.090000	33.1	9.000	N	10.0	22.9	56.0
1.114000	33.4	9.000	N	10.0	22.6	56.0
1.122000	33.5	9.000	N	10.0	22.5	56.0
1.190000	31.5	9.000	N	10.0	24.5	56.0
1.442000	31.9	9.000	N	10.1	24.1	56.0
7.992000	30.0	9.000	N	10.4	30.0	60.0
8.616000	29.3	9.000	N	10.4	30.7	60.0
8.626000	30.9	9.000	N	10.4	29.1	60.0
8.654000	31.4	9.000	N	10.4	28.6	60.0
8.932000	29.7	9.000	N	10.4	30.3	60.0
9.284000	30.4	9.000	N	10.4	29.6	60.0

CAverage Final Result, Line (N)

Frequency (MHz)	CAverage (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.150000	28.2	9.000	N	9.8	27.8	56.0
0.156000	25.0	9.000	N	9.8	30.6	55.7
0.170000	28.8	9.000	N	9.8	26.1	55.0
0.406000	39.3	9.000	N	9.9	8.4	47.7
0.430000	39.3	9.000	N	9.9	8.0	47.3
0.454000	37.6	9.000	N	9.9	9.2	46.8
1.076000	27.2	9.000	N	10.0	18.8	46.0
1.090000	27.4	9.000	N	10.0	18.6	46.0
1.098000	27.4	9.000	N	10.0	18.6	46.0
1.142000	28.9	9.000	N	10.0	17.1	46.0
1.190000	27.7	9.000	N	10.0	18.3	46.0
1.390000	27.7	9.000	N	10.1	18.3	46.0
7.992000	21.1	9.000	N	10.4	28.9	50.0
8.474000	21.2	9.000	N	10.4	28.8	50.0
8.626000	21.2	9.000	N	10.4	28.8	50.0
8.654000	21.4	9.000	N	10.4	28.6	50.0
8.932000	20.6	9.000	N	10.4	29.4	50.0
9.284000	20.2	9.000	N	10.4	29.8	50.0

Figure 7: Conducted Emission, LTE B12 (CH 5010 Low) RX Receiving + WIFI 2.4 GHz + Bluetooth mode, Line (L1)



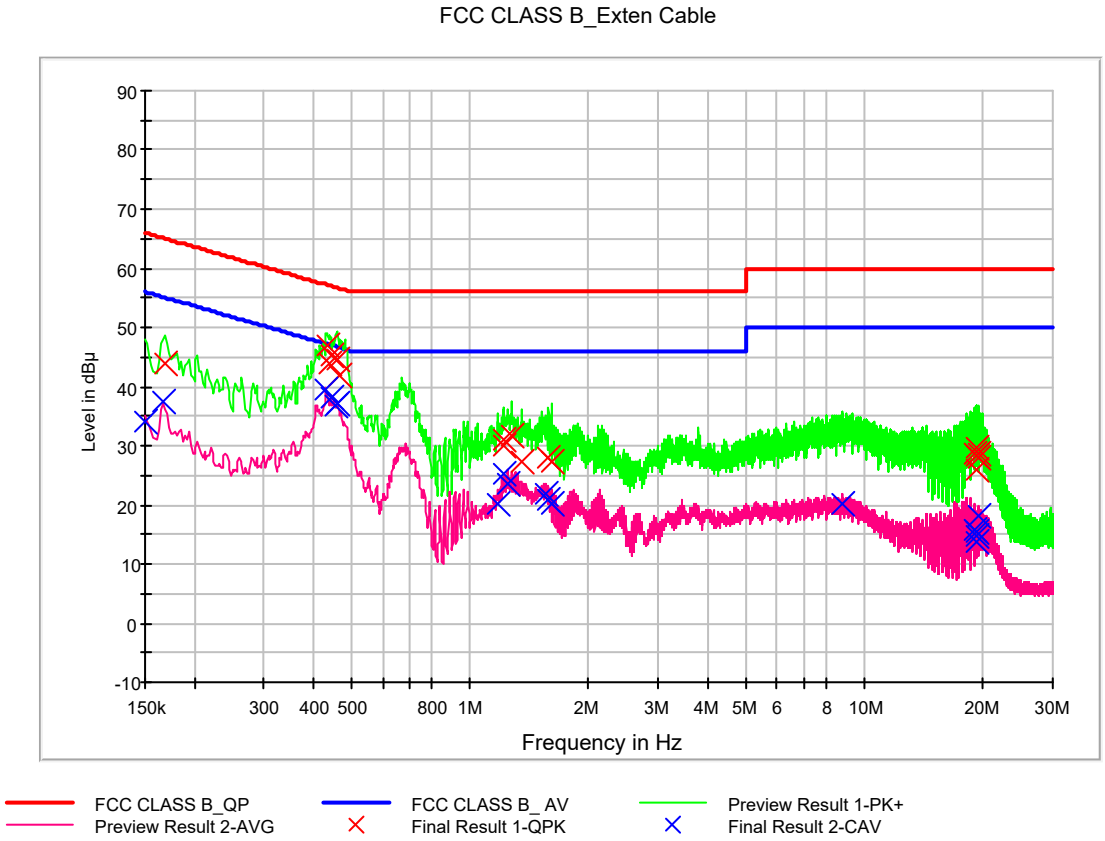
QuasiPeak Final Result, Line (L1)

Frequency (MHz)	QuasiPeak (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.164000	43.0	9.000	L1	9.7	22.3	65.3
0.170000	41.2	9.000	L1	9.7	23.8	65.0
0.402000	43.6	9.000	L1	9.7	14.3	57.8
0.408000	43.7	9.000	L1	9.7	14.0	57.7
0.432000	46.2	9.000	L1	9.7	11.0	57.2
0.454000	47.3	9.000	L1	9.8	9.5	56.8
1.242000	31.6	9.000	L1	9.9	24.4	56.0
1.286000	33.4	9.000	L1	9.9	22.6	56.0
1.366000	33.4	9.000	L1	9.9	22.6	56.0
1.382000	33.9	9.000	L1	9.9	22.1	56.0
1.392000	33.1	9.000	L1	9.9	22.9	56.0
1.406000	33.9	9.000	L1	9.9	22.1	56.0
7.838000	30.7	9.000	L1	10.2	29.3	60.0
8.436000	30.2	9.000	L1	10.2	29.8	60.0
8.652000	30.6	9.000	L1	10.2	29.4	60.0
8.746000	30.2	9.000	L1	10.2	29.8	60.0
8.802000	29.1	9.000	L1	10.2	30.9	60.0
8.936000	30.2	9.000	L1	10.2	29.8	60.0

CAverage Final Result, Line (L1)

Frequency (MHz)	CAverage (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.168000	37.3	9.000	L1	9.7	17.8	55.1
0.404000	40.5	9.000	L1	9.7	7.3	47.8
0.430000	41.1	9.000	L1	9.7	6.2	47.3
0.444000	38.3	9.000	L1	9.7	8.7	47.0
0.454000	40.5	9.000	L1	9.8	6.3	46.8
0.480000	36.6	9.000	L1	9.8	9.8	46.3
1.120000	28.6	9.000	L1	9.8	17.4	46.0
1.166000	29.2	9.000	L1	9.8	16.8	46.0
1.288000	28.6	9.000	L1	9.9	17.4	46.0
1.382000	28.9	9.000	L1	9.9	17.1	46.0
1.474000	26.0	9.000	L1	9.9	20.0	46.0
1.508000	24.5	9.000	L1	9.9	21.5	46.0
7.838000	21.9	9.000	L1	10.2	28.1	50.0
7.962000	21.5	9.000	L1	10.2	28.5	50.0
8.652000	21.2	9.000	L1	10.2	28.8	50.0
8.744000	21.0	9.000	L1	10.2	29.0	50.0
8.752000	21.3	9.000	L1	10.2	28.7	50.0
9.098000	20.4	9.000	L1	10.2	29.6	50.0

Figure 8: Conducted Emission, LTE B12 (CH 5010 Low) RX Receiving + WIFI 2.4 GHz + Bluetooth mode, Line (N)



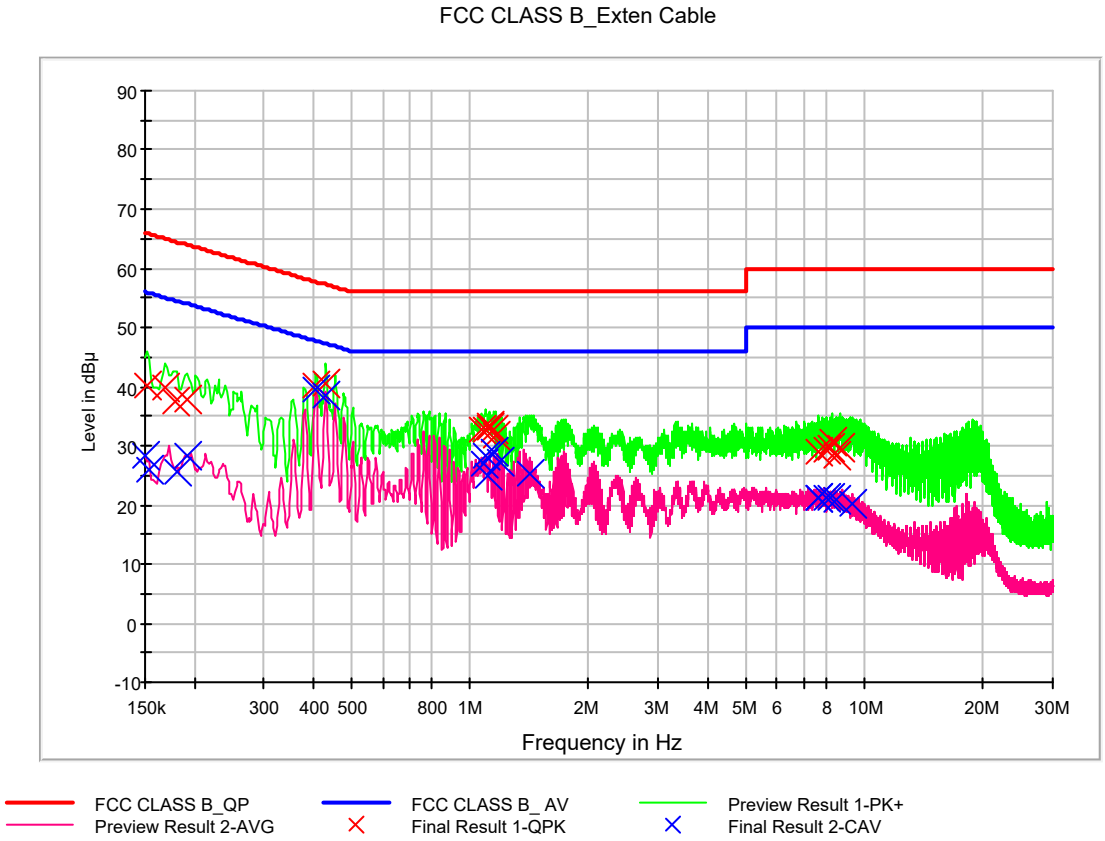
QuasiPeak Final Result, Line (N)

Frequency (MHz)	QuasiPeak (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.168000	43.8	9.000	N	9.8	21.2	65.1
0.434000	47.1	9.000	N	9.9	10.1	57.2
0.440000	43.8	9.000	N	9.9	13.2	57.1
0.444000	45.4	9.000	N	9.9	11.6	57.0
0.460000	44.7	9.000	N	9.9	12.0	56.7
0.468000	41.7	9.000	N	9.9	14.8	56.5
1.218000	31.1	9.000	N	10.0	24.9	56.0
1.222000	30.0	9.000	N	10.0	26.0	56.0
1.270000	31.7	9.000	N	10.0	24.3	56.0
1.352000	27.3	9.000	N	10.1	28.7	56.0
1.582000	28.0	9.000	N	10.1	28.0	56.0
1.606000	27.3	9.000	N	10.1	28.7	56.0
19.020000	28.5	9.000	N	10.8	31.5	60.0
19.300000	28.4	9.000	N	10.9	31.6	60.0
19.332000	26.1	9.000	N	10.9	33.9	60.0
19.336000	29.7	9.000	N	10.9	30.3	60.0
19.350000	28.6	9.000	N	10.9	31.4	60.0
19.374000	28.1	9.000	N	10.9	31.9	60.0

CAverage Final Result, Line (N)

Frequency (MHz)	CAverage (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.150000	34.2	9.000	N	9.8	21.8	56.0
0.166000	37.5	9.000	N	9.8	17.6	55.2
0.432000	39.7	9.000	N	9.9	7.6	47.2
0.444000	38.2	9.000	N	9.9	8.8	47.0
0.456000	36.9	9.000	N	9.9	9.9	46.8
0.462000	37.0	9.000	N	9.9	9.7	46.7
1.180000	20.2	9.000	N	10.0	25.8	46.0
1.218000	25.2	9.000	N	10.0	20.8	46.0
1.250000	23.6	9.000	N	10.0	22.4	46.0
1.558000	21.8	9.000	N	10.1	24.2	46.0
1.582000	20.9	9.000	N	10.1	25.1	46.0
1.606000	20.0	9.000	N	10.1	26.0	46.0
8.806000	20.3	9.000	N	10.4	29.7	50.0
19.052000	15.7	9.000	N	10.8	34.3	50.0
19.306000	13.6	9.000	N	10.9	36.4	50.0
19.310000	14.8	9.000	N	10.9	35.2	50.0
19.336000	15.4	9.000	N	10.9	34.6	50.0
19.350000	18.3	9.000	N	10.9	31.7	50.0

Figure 9: Conducted Emission, LTE B12 (CH 5095 Middle) RX Receiving + WIFI 2.4 GHz + Bluetooth mode, Line (L1)



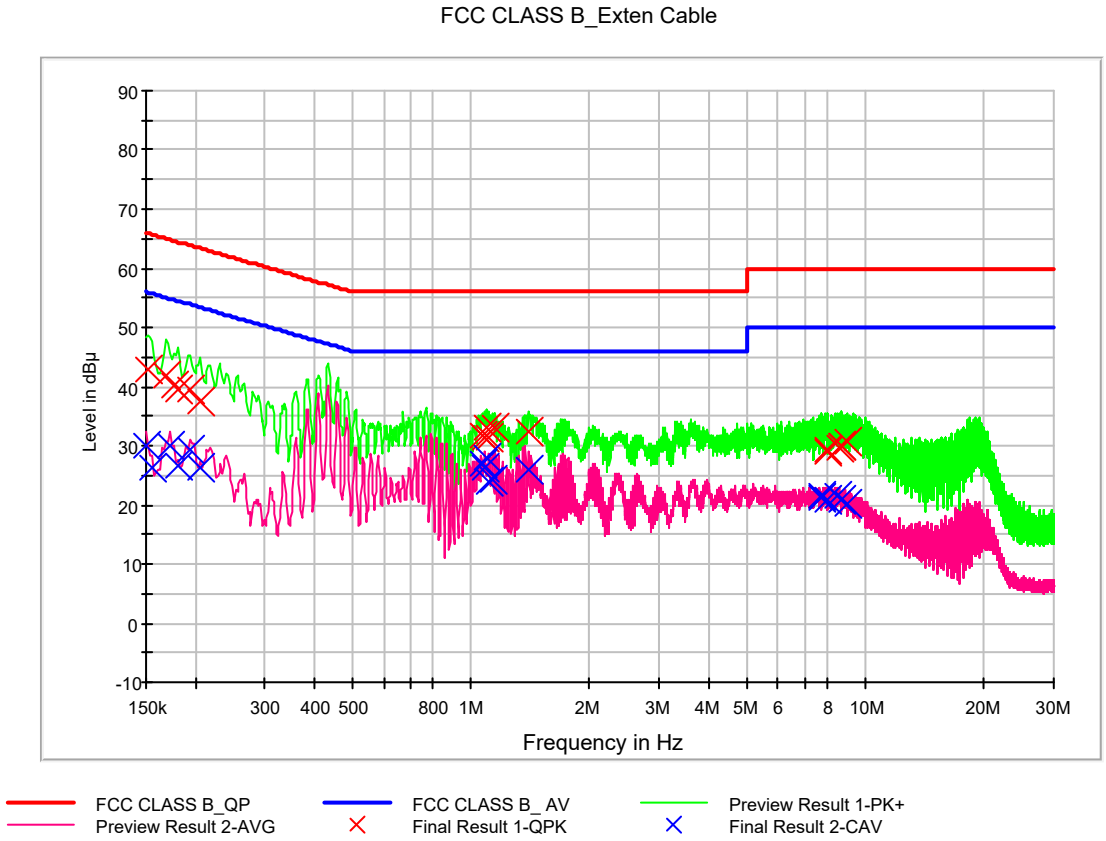
QuasiPeak Final Result, Line (L1)

Frequency (MHz)	QuasiPeak (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.152000	40.3	9.000	L1	9.7	25.6	65.9
0.168000	39.8	9.000	L1	9.7	25.2	65.1
0.178000	37.6	9.000	L1	9.7	27.0	64.6
0.192000	37.7	9.000	L1	9.7	26.3	63.9
0.406000	40.2	9.000	L1	9.7	17.6	57.7
0.432000	40.6	9.000	L1	9.7	16.6	57.2
1.064000	32.8	9.000	L1	9.8	23.2	56.0
1.092000	32.8	9.000	L1	9.8	23.2	56.0
1.116000	33.1	9.000	L1	9.8	22.9	56.0
1.124000	33.3	9.000	L1	9.8	22.7	56.0
1.144000	32.8	9.000	L1	9.8	23.2	56.0
1.164000	31.7	9.000	L1	9.8	24.3	56.0
7.658000	29.1	9.000	L1	10.2	30.9	60.0
7.980000	29.2	9.000	L1	10.2	30.8	60.0
8.160000	29.6	9.000	L1	10.2	30.4	60.0
8.308000	30.5	9.000	L1	10.2	29.5	60.0
8.462000	28.4	9.000	L1	10.2	31.6	60.0
8.640000	29.6	9.000	L1	10.2	30.4	60.0

CAverage Final Result, Line (L1)

Frequency (MHz)	CAverage (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.150000	28.4	9.000	L1	9.7	27.6	56.0
0.154000	26.1	9.000	L1	9.7	29.7	55.8
0.180000	25.7	9.000	L1	9.7	28.8	54.5
0.192000	28.3	9.000	L1	9.7	25.6	53.9
0.406000	39.3	9.000	L1	9.7	8.4	47.7
0.432000	38.3	9.000	L1	9.7	8.9	47.2
1.078000	27.0	9.000	L1	9.8	19.0	46.0
1.096000	28.4	9.000	L1	9.8	17.6	46.0
1.104000	25.0	9.000	L1	9.8	21.0	46.0
1.144000	28.9	9.000	L1	9.8	17.1	46.0
1.194000	27.4	9.000	L1	9.8	18.6	46.0
1.418000	25.4	9.000	L1	9.9	20.6	46.0
7.658000	21.2	9.000	L1	10.2	28.8	50.0
7.674000	21.1	9.000	L1	10.2	28.9	50.0
7.980000	21.1	9.000	L1	10.2	28.9	50.0
8.160000	21.3	9.000	L1	10.2	28.7	50.0
8.462000	20.8	9.000	L1	10.2	29.2	50.0
9.282000	20.0	9.000	L1	10.2	30.0	50.0

Figure 10: Conducted Emission, LTE B12 (CH 5095 Middle) RX Receiving + WIFI 2.4 GHz + Bluetooth mode, Line (N)



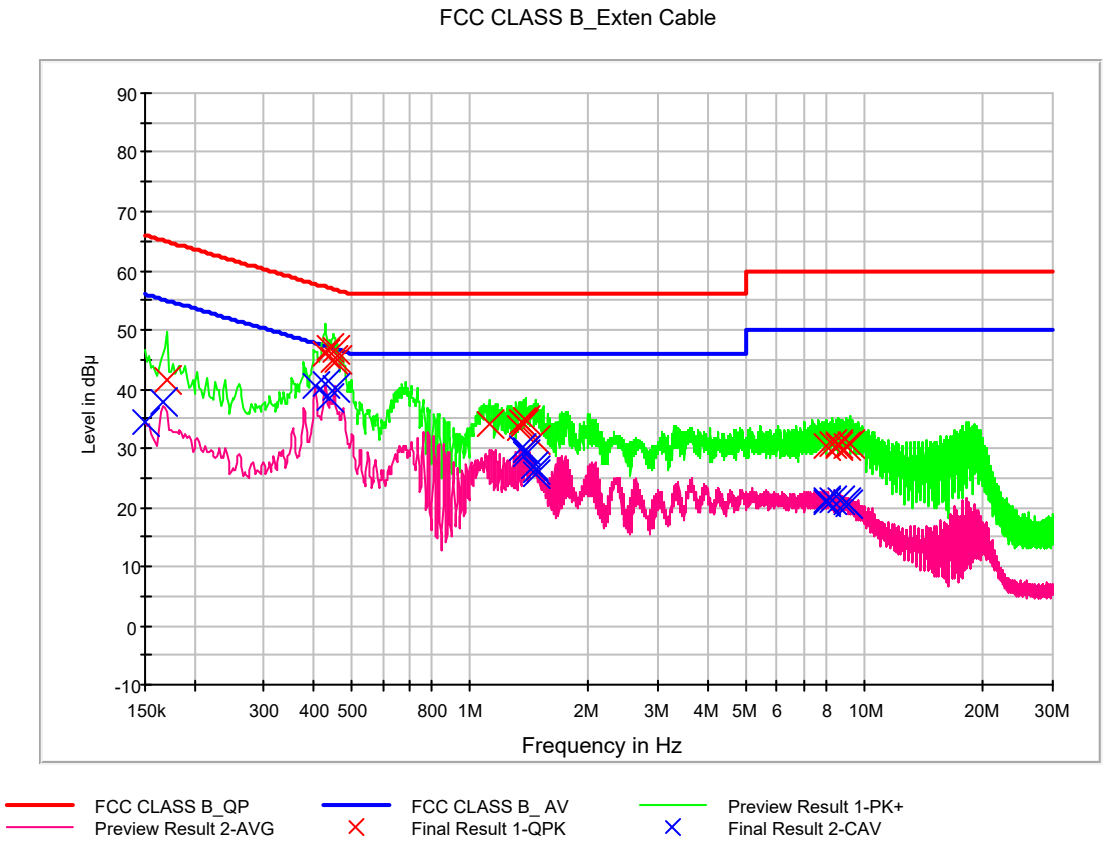
QuasiPeak Final Result, Line (N)

Frequency (MHz)	QuasiPeak (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.152000	42.9	9.000	N	9.8	23.0	65.9
0.168000	41.9	9.000	N	9.8	23.1	65.1
0.176000	40.1	9.000	N	9.8	24.5	64.7
0.180000	39.4	9.000	N	9.8	25.1	64.5
0.194000	39.5	9.000	N	9.8	24.4	63.9
0.206000	37.4	9.000	N	9.9	26.0	63.4
1.074000	31.8	9.000	N	10.0	24.2	56.0
1.084000	31.4	9.000	N	10.0	24.6	56.0
1.096000	32.9	9.000	N	10.0	23.1	56.0
1.108000	31.3	9.000	N	10.0	24.7	56.0
1.152000	33.2	9.000	N	10.0	22.8	56.0
1.400000	32.3	9.000	N	10.1	23.7	56.0
7.984000	29.3	9.000	N	10.4	30.7	60.0
7.990000	29.0	9.000	N	10.4	31.0	60.0
8.630000	29.5	9.000	N	10.4	30.5	60.0
8.652000	29.8	9.000	N	10.4	30.2	60.0
8.664000	30.0	9.000	N	10.4	30.0	60.0
8.952000	30.6	9.000	N	10.4	29.4	60.0

CAverage Final Result, Line (N)

Frequency (MHz)	CAverage (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.150000	30.0	9.000	N	9.8	26.0	56.0
0.156000	26.2	9.000	N	9.8	29.4	55.7
0.172000	30.0	9.000	N	9.8	24.8	54.9
0.180000	26.6	9.000	N	9.8	27.8	54.5
0.194000	29.4	9.000	N	9.8	24.4	53.9
0.206000	26.3	9.000	N	9.9	27.0	53.4
1.072000	26.8	9.000	N	10.0	19.2	46.0
1.084000	26.3	9.000	N	10.0	19.7	46.0
1.098000	28.1	9.000	N	10.0	17.9	46.0
1.110000	24.0	9.000	N	10.0	22.0	46.0
1.132000	24.1	9.000	N	10.0	21.9	46.0
1.398000	26.0	9.000	N	10.1	20.0	46.0
7.702000	21.3	9.000	N	10.4	28.7	50.0
7.710000	21.5	9.000	N	10.4	28.5	50.0
7.984000	20.8	9.000	N	10.4	29.2	50.0
8.496000	21.5	9.000	N	10.4	28.5	50.0
8.652000	20.8	9.000	N	10.4	29.2	50.0
8.972000	20.3	9.000	N	10.4	29.7	50.0

Figure 11: Conducted Emission, LTE B12 (CH 5179 High) RX Receiving + WIFI 2.4 GHz + Bluetooth mode, Line (L1)



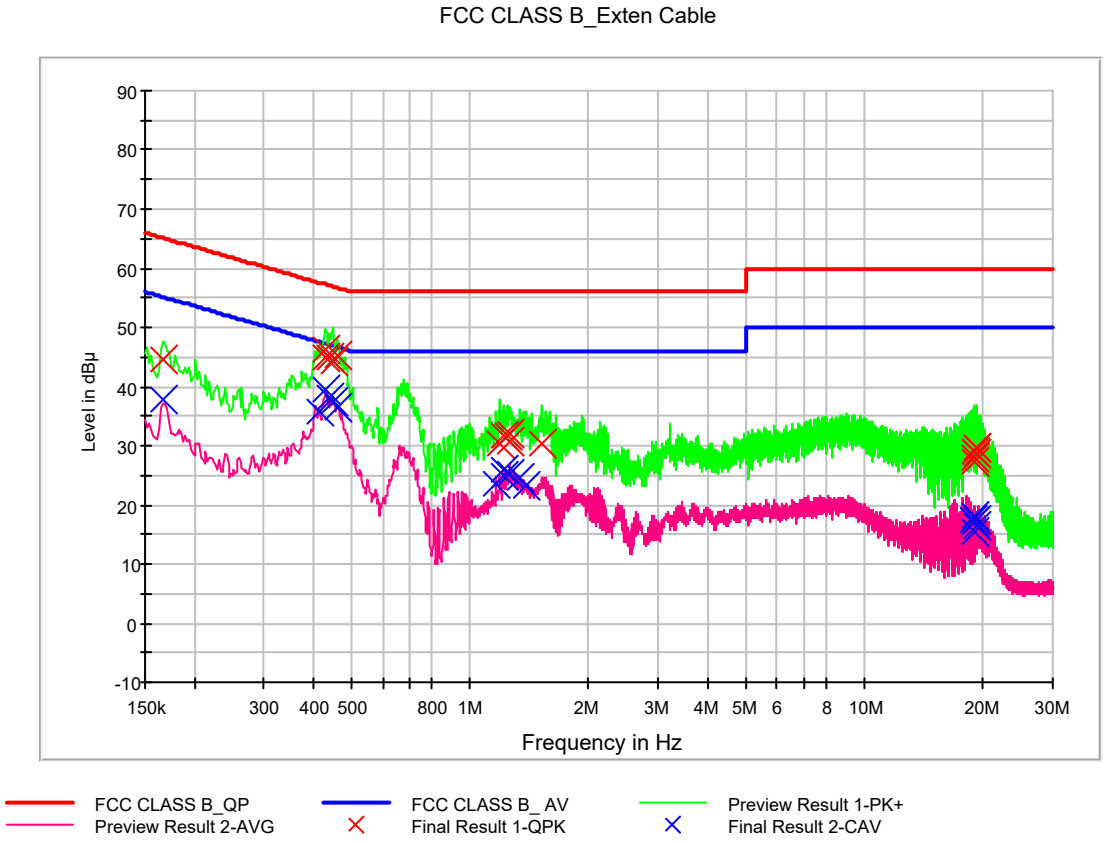
QuasiPeak Final Result, Line (L1)

Frequency (MHz)	QuasiPeak (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.170000	41.5	9.000	L1	9.7	23.5	65.0
0.430000	46.0	9.000	L1	9.7	11.3	57.3
0.442000	46.9	9.000	L1	9.7	10.1	57.0
0.450000	45.0	9.000	L1	9.8	11.9	56.9
0.454000	46.5	9.000	L1	9.8	10.3	56.8
0.460000	45.0	9.000	L1	9.8	11.7	56.7
1.122000	33.9	9.000	L1	9.8	22.1	56.0
1.340000	33.3	9.000	L1	9.9	22.7	56.0
1.358000	34.2	9.000	L1	9.9	21.8	56.0
1.364000	34.1	9.000	L1	9.9	21.9	56.0
1.384000	34.7	9.000	L1	9.9	21.3	56.0
1.470000	31.5	9.000	L1	9.9	24.5	56.0
8.012000	30.4	9.000	L1	10.2	29.6	60.0
8.288000	30.8	9.000	L1	10.2	29.2	60.0
8.596000	30.2	9.000	L1	10.2	29.8	60.0
8.630000	30.6	9.000	L1	10.2	29.4	60.0
8.952000	30.2	9.000	L1	10.2	29.8	60.0
9.222000	30.6	9.000	L1	10.2	29.4	60.0

CAverage Final Result, Line (L1)

Frequency (MHz)	CAverage (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.150000	34.5	9.000	L1	9.7	21.5	56.0
0.166000	37.7	9.000	L1	9.7	17.4	55.2
0.404000	40.4	9.000	L1	9.7	7.3	47.8
0.430000	40.8	9.000	L1	9.7	6.4	47.3
0.442000	38.3	9.000	L1	9.7	8.7	47.0
0.454000	40.2	9.000	L1	9.8	6.6	46.8
1.360000	29.9	9.000	L1	9.9	16.1	46.0
1.384000	29.7	9.000	L1	9.9	16.3	46.0
1.388000	29.0	9.000	L1	9.9	17.0	46.0
1.454000	26.9	9.000	L1	9.9	19.1	46.0
1.462000	26.1	9.000	L1	9.9	19.9	46.0
1.470000	25.6	9.000	L1	9.9	20.4	46.0
7.976000	21.2	9.000	L1	10.2	28.8	50.0
8.012000	21.0	9.000	L1	10.2	29.0	50.0
8.288000	21.1	9.000	L1	10.2	28.9	50.0
8.666000	21.2	9.000	L1	10.2	28.8	50.0
8.952000	20.7	9.000	L1	10.2	29.3	50.0
9.098000	20.4	9.000	L1	10.2	29.6	50.0

Figure 12: Conducted Emission, LTE B12 (CH 5179 High) RX Receiving + WIFI 2.4 GHz + Bluetooth mode, Line (N)



QuasiPeak Final Result, Line (N)

Frequency (MHz)	QuasiPeak (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.166000	44.4	9.000	N	9.8	20.7	65.2
0.428000	44.8	9.000	N	9.9	12.5	57.3
0.432000	46.4	9.000	N	9.9	10.8	57.2
0.442000	45.1	9.000	N	9.9	12.0	57.0
0.448000	44.3	9.000	N	9.9	12.6	56.9
0.460000	45.3	9.000	N	9.9	11.4	56.7
1.190000	30.4	9.000	N	10.0	25.6	56.0
1.214000	31.8	9.000	N	10.0	24.2	56.0
1.242000	31.7	9.000	N	10.0	24.3	56.0
1.258000	30.8	9.000	N	10.0	25.2	56.0
1.266000	32.0	9.000	N	10.0	24.0	56.0
1.520000	30.3	9.000	N	10.1	25.7	56.0
19.002000	29.0	9.000	N	10.8	31.0	60.0
19.008000	27.1	9.000	N	10.8	32.9	60.0
19.030000	28.1	9.000	N	10.8	31.9	60.0
19.280000	29.8	9.000	N	10.8	30.2	60.0
19.306000	29.8	9.000	N	10.9	30.2	60.0
19.310000	28.7	9.000	N	10.9	31.3	60.0

CAverage Final Result, Line (N)

Frequency (MHz)	CAverage (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.166000	37.7	9.000	N	9.8	17.5	55.2
0.414000	35.9	9.000	N	9.9	11.7	47.6
0.432000	39.6	9.000	N	9.9	7.6	47.2
0.442000	38.2	9.000	N	9.9	8.8	47.0
0.450000	37.5	9.000	N	9.9	9.4	46.9
0.460000	36.6	9.000	N	9.9	10.1	46.7
1.166000	23.7	9.000	N	10.0	22.3	46.0
1.214000	25.8	9.000	N	10.0	20.2	46.0
1.218000	24.8	9.000	N	10.0	21.2	46.0
1.258000	25.1	9.000	N	10.0	20.9	46.0
1.338000	24.7	9.000	N	10.1	21.3	46.0
1.388000	23.1	9.000	N	10.1	22.9	46.0
18.690000	17.5	9.000	N	10.8	32.5	50.0
19.002000	18.1	9.000	N	10.8	31.9	50.0
19.008000	15.5	9.000	N	10.8	34.5	50.0
19.030000	17.1	9.000	N	10.8	32.9	50.0
19.306000	17.4	9.000	N	10.9	32.6	50.0
19.310000	16.6	9.000	N	10.9	33.4	50.0

5.2 Radiated Emission

The test results of radiated emission provide the following information:

For Measurement Below 1 GHz

Rule Part / Standard	FCC PART 15 Subpart B Class B ANSI C63.4-2014
Detector	Quasi-Peak
Bandwidth	120 kHz (6 dB)
Measurement Distance	3 m
Kind of Test Site	3 m semi anechoic chamber
Temperature	23.2 / 24.4 / 23.6 °C
Relative Humidity	44.4 / 43.1 / 42.9 %
Test Date	March 12 / March 15 / March 19, 2019

- Calculation Formula:

1. POL. H = Horizontal, POL. V = Vertical
2. QuasiPeak = Reading (Receiver Reading) + Corr.
3. Corr. (Correction Factor) = Antenna Factor + Cable Loss
4. Margin = Limit - QuasiPeak

DATA LINK mode

Frequency (MHz)	Quasi Peak (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
47.849600	30.0	100.0	V	233.0	20.2	10.0	40.0
72.176800	35.0	100.0	V	180.0	17.5	5.0	40.0
76.177600	33.0	100.0	V	146.0	16.5	7.0	40.0
86.629600	26.2	100.0	V	277.0	14.8	13.8	40.0
268.272800	33.7	117.8	H	263.0	19.5	12.3	46.0
600.017600	33.6	225.1	H	246.0	27.5	12.4	46.0
718.888000	40.6	100.0	V	248.0	29.0	5.4	46.0

[EUT & TA & Cradle] LTE B2 (Center CH) RX Receiving + WIFI 2.4 GHz + Bluetooth mode

Frequency (MHz)	Quasi Peak (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
42.085600	17.8	99.9	V	188.0	19.8	22.2	40.0
57.829600	17.8	99.8	V	302.0	19.9	22.2	40.0
61.038400	17.4	99.8	V	35.0	19.6	22.6	40.0
93.133600	17.2	99.8	V	30.0	14.7	26.3	43.5
114.593600	20.6	225.2	V	240.0	17.2	22.9	43.5
487.827200	23.9	274.8	H	277.0	24.9	22.1	46.0

[EUT & TA & Cradle] LTE B4 (Center CH) RX Receiving + WIFI 2.4 GHz + Bluetooth mode

Frequency (MHz)	Quasi Peak (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
35.140800	17.8	191.9	V	107.0	19.2	22.2	40.0
35.614400	17.3	191.8	V	66.0	19.2	22.7	40.0
37.054400	17.1	325.2	V	294.0	19.4	22.9	40.0
42.664800	18.4	117.8	V	123.0	19.8	21.6	40.0
89.700000	17.7	99.8	V	245.0	14.4	25.8	43.5
150.172000	18.6	117.9	H	53.0	19.9	24.9	43.5

[EUT & TA & Cradle] LTE B12 (CH 5010 Low) RX Receiving + WIFI 2.4 GHz + Bluetooth mode

Frequency (MHz)	Quasi Peak (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
31.173600	17.2	174.9	V	30.0	18.4	22.8	40.0
48.143200	17.9	125.2	V	1.0	20.3	22.1	40.0
61.044800	17.6	99.9	V	321.0	19.4	22.4	40.0
114.564000	21.3	225.0	V	263.0	17.1	22.2	43.5
493.037600	24.0	274.9	V	0.0	25.1	22.0	46.0
666.858400	28.1	174.9	V	8.0	28.3	17.9	46.0

[EUT & TA & Cradle] LTE B12 (CH 5095 Middle) RX Receiving + WIFI 2.4 GHz + Bluetooth mode

Frequency (MHz)	Quasi Peak (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
32.120800	19.9	174.8	V	161.0	18.9	20.1	40.0
43.262400	18.0	99.8	V	100.0	19.9	22.0	40.0
53.502400	17.8	174.7	V	343.0	20.1	22.2	40.0
62.391200	17.2	99.8	V	332.0	19.3	22.8	40.0
95.478400	18.0	174.8	V	162.0	15.0	25.5	43.5
114.565600	21.3	174.9	V	321.0	17.2	22.2	43.5

[EUT & TA & Cradle] LTE B12 (CH 5179 High) RX Receiving + WIFI 2.4 GHz + Bluetooth mode

Frequency (MHz)	Quasi Peak (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
32.004000	18.5	174.9	V	207.0	18.5	21.5	40.0
43.205600	18.3	99.8	V	110.0	20.1	21.7	40.0
60.312800	17.7	99.8	V	310.0	19.5	22.3	40.0
114.562400	21.7	225.1	V	285.0	17.1	21.8	43.5
487.954400	23.9	291.7	H	263.0	25.0	22.1	46.0
615.086400	27.6	99.8	H	332.0	27.6	18.4	46.0

[EUT Only] LTE B2 (Center CH) RX Receiving + WIFI 2.4 GHz + Bluetooth mode

Frequency (MHz)	Quasi Peak (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
32.457600	20.8	174.9	V	352.0	18.9	19.2	40.0
42.590400	17.7	125.2	V	1.0	19.8	22.3	40.0
60.464800	17.3	208.9	V	170.0	19.7	22.7	40.0
114.576800	20.6	225.1	V	120.0	17.2	22.9	43.5
250.028800	18.4	174.7	V	262.0	18.8	27.6	46.0
481.451200	23.8	274.9	V	112.0	24.8	22.2	46.0

[EUT Only] LTE B4 (Center CH) RX Receiving + WIFI 2.4 GHz + Bluetooth mode

Frequency (MHz)	Quasi Peak (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
32.091200	20.6	174.9	V	0.0	18.9	19.4	40.0
55.065600	17.6	292.8	V	190.0	20.0	22.4	40.0
65.432000	16.6	191.9	V	163.0	18.8	23.4	40.0
114.554400	20.7	225.0	V	307.0	17.2	22.8	43.5
151.090400	18.5	99.9	V	240.0	20.0	25.0	43.5
471.166400	23.5	174.9	H	32.0	24.6	22.5	46.0

[EUT Only] LTE B12 (CH 5010 Low) RX Receiving + WIFI 2.4 GHz + Bluetooth mode

Frequency (MHz)	Quasi Peak (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
32.460800	17.8	174.7	V	0.0	18.5	22.2	40.0
50.284800	17.9	274.8	V	67.0	20.4	22.1	40.0
61.508800	17.0	99.8	H	144.0	19.3	23.0	40.0
114.590400	20.6	225.1	V	31.0	17.1	22.9	43.5
474.542400	23.7	99.8	H	0.0	24.8	22.3	46.0
677.003200	28.3	99.8	H	26.0	28.4	17.7	46.0

[EUT Only] LTE B12 (CH 5095 Middle) RX Receiving + WIFI 2.4 GHz + Bluetooth mode

Frequency (MHz)	Quasi Peak (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
31.081939	19.5	174.7	V	95.0	18.8	20.5	40.0
52.381600	17.7	174.8	H	30.0	20.2	22.3	40.0
64.735200	16.8	100.1	V	244.0	18.9	23.2	40.0
121.730400	18.8	274.9	V	217.0	17.9	24.7	43.5
483.964000	23.8	274.8	V	256.0	24.8	22.2	46.0
629.264800	27.9	325.0	V	102.0	27.8	18.1	46.0

[EUT Only] LTE B12 (CH 5179 High) RX Receiving + WIFI 2.4 GHz + Bluetooth mode

Frequency (MHz)	Quasi Peak (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
32.507200	17.4	206.7	V	300.0	18.5	22.6	40.0
45.480800	17.7	325.2	H	75.0	20.2	22.3	40.0
64.119200	16.8	174.9	H	330.0	19.0	23.2	40.0
114.560800	21.3	207.8	V	274.0	17.1	22.2	43.5
492.362400	24.1	100.0	V	121.0	25.1	21.9	46.0
671.019200	28.3	274.9	V	168.0	28.4	17.7	46.0

For Measurement Above 1 GHz

Rule Part / Standard	FCC PART 15 Subpart B Class B ANSI C63.4-2014
Detector	Peak mode: Peak (RBW: 1 MHz, VBW: 3 MHz) CISPR-Average mode: Peak (RBW: 1 MHz, VBW: 10 Hz)
Highest Frequency	2 480 MHz
Tested Frequency Range	1 GHz to 18 GHz
Measurement Distance	3 m
Kind of Test Site	3 m semi anechoic chamber
Temperature	24.2 / 24.1 / 23.6 / 23.6 °C
Relative Humidity	40.5 / 43.9 / 43.1 / 42.9 %
Test Date	March 07 / March 15 / March 13 / March 19, 2019

- Calculation Formula:

1. POL. H = Horizontal, POL. V = Vertical
2. Peak or CAverage = Reading (Receiver Reading) + Corr.
3. Corr. (Correction Factor) = Antenna Factor+ Cable Loss –Amplifier Gain
4. Margin = Limit - Peak or CAverage

DATA LINK mode

Frequency (MHz)	Peak (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
1195.990000	44.8	232.4	V	0.0	-27.0	29.2	74.0
1398.070000	46.0	320.4	V	42.0	-26.1	28.0	74.0
1792.775000	46.5	217.5	V	321.0	-25.4	27.5	74.0
1999.605000	47.1	99.9	V	177.0	-25.3	26.9	74.0
5887.490000	44.9	125.8	V	313.0	-15.0	29.1	74.0
9471.185000	47.9	99.9	V	232.0	-5.4	26.1	74.0

Frequency (MHz)	CAverage (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
1195.990000	27.5	232.4	V	0.0	-27.0	26.5	54.0
1398.070000	27.9	320.4	V	42.0	-26.1	26.1	54.0
1792.775000	28.6	217.5	V	321.0	-25.4	25.4	54.0
1999.605000	28.6	99.9	V	177.0	-25.3	25.4	54.0
5887.490000	38.7	125.8	V	313.0	-15.0	15.3	54.0
9471.185000	35.5	99.9	V	232.0	-5.4	18.5	54.0

[EUT & TA & Cradle] LTE B2 (Center CH) RX Receiving + WIFI 2.4 GHz + Bluetooth mode

Frequency (MHz)	Peak (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
1380.305000	32.9	190.4	V	12.0	-26.2	41.1	74.0
3036.545000	35.4	125.8	H	347.0	-21.1	38.6	74.0
4454.780000	38.0	249.8	V	204.0	-17.8	36.0	74.0
6715.560000	42.7	188.5	V	134.0	-11.6	31.3	74.0
8391.535000	45.2	204.6	V	217.0	-8.6	28.8	74.0
9287.255000	47.1	99.7	H	77.0	-5.9	26.9	74.0

Frequency (MHz)	CAverage (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
1380.305000	19.9	190.4	V	12.0	-26.2	34.1	54.0
3036.545000	22.4	125.8	H	347.0	-21.1	31.6	54.0
4454.780000	24.8	249.8	V	204.0	-17.8	29.2	54.0
6715.560000	29.4	188.5	V	134.0	-11.6	24.6	54.0
8391.535000	32.6	204.6	V	217.0	-8.6	21.4	54.0
9287.255000	34.3	99.7	H	77.0	-5.9	19.7	54.0

[EUT & TA & Cradle] LTE B4 (Center CH) RX Receiving + WIFI 2.4 GHz + Bluetooth mode

Frequency (MHz)	Peak (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
1671.305000	33.2	216.4	V	104.0	-25.5	40.8	74.0
2895.405000	36.4	249.9	V	228.0	-21.6	37.6	74.0
3884.210000	35.7	202.4	V	11.0	-19.9	38.3	74.0
5618.260000	39.2	149.5	V	0.0	-15.3	34.8	74.0
6869.535000	42.5	160.7	H	98.0	-11.2	31.5	74.0
9210.580000	48.0	218.4	H	144.0	-6.1	26.0	74.0

Frequency (MHz)	CAverage (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
1671.305000	20.1	216.4	V	104.0	-25.5	33.9	54.0
2895.405000	22.2	249.9	V	228.0	-21.6	31.8	54.0
3884.210000	23.0	202.4	V	11.0	-19.9	31.0	54.0
5618.260000	26.5	149.5	V	0.0	-15.3	27.5	54.0
6869.535000	29.7	160.7	H	98.0	-11.2	24.3	54.0
9210.580000	35.0	218.4	H	144.0	-6.1	19.0	54.0

[EUT & TA & Cradle] LTE B12 (CH 5010 Low) RX Receiving + WIFI 2.4 GHz + Bluetooth mode

Frequency (MHz)	Peak (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
5217.935000	39.7	149.9	V	205.0	-15.7	34.3	74.0
6701.130000	43.6	248.5	H	254.0	-11.6	30.4	74.0
7567.270000	44.0	149.6	V	214.0	-9.4	30.0	74.0
8639.775000	46.1	233.4	V	258.0	-8.0	27.9	74.0
9772.340000	47.3	188.4	H	187.0	-5.4	26.7	74.0
10874.275000	48.4	249.9	V	19.0	-2.9	25.6	74.0

Frequency (MHz)	CAverage (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
5217.935000	26.6	149.9	V	205.0	-15.7	27.4	54.0
6701.130000	29.5	248.5	H	254.0	-11.6	24.5	54.0
7567.270000	31.7	149.6	V	214.0	-9.4	22.3	54.0
8639.775000	33.2	233.4	V	258.0	-8.0	20.8	54.0
9772.340000	34.6	188.4	H	187.0	-5.4	19.4	54.0
10874.275000	35.4	249.9	V	19.0	-2.9	18.6	54.0

[EUT & TA & Cradle] LTE B12 (CH 5095 Middle) RX Receiving + WIFI 2.4 GHz + Bluetooth mode

Frequency (MHz)	Peak (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
2450.275000	33.6	150.0	V	156.0	-23.7	40.4	74.0
3541.795000	35.0	136.7	H	205.0	-20.6	39.0	74.0
5588.150000	39.3	150.0	V	196.0	-15.3	34.7	74.0
7306.060000	44.4	150.0	V	20.0	-10.0	29.6	74.0
9781.060000	47.1	203.6	H	0.0	-5.4	26.9	74.0
10506.425000	49.0	149.5	V	20.0	-3.6	25.0	74.0

Frequency (MHz)	CAverage (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
2450.275000	20.9	150.0	V	156.0	-23.7	33.1	54.0
3541.795000	22.3	136.7	H	205.0	-20.6	31.7	54.0
5588.150000	26.4	150.0	V	196.0	-15.3	27.6	54.0
7306.060000	31.5	150.0	V	20.0	-10.0	22.5	54.0
9781.060000	34.4	203.6	H	0.0	-5.4	19.6	54.0
10506.425000	36.3	149.5	V	20.0	-3.6	17.7	54.0

[EUT & TA & Cradle] LTE B12 (CH 5179 High) RX Receiving + WIFI 2.4 GHz + Bluetooth mode

Frequency (MHz)	Peak (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
3517.380000	35.3	199.6	V	128.0	-20.7	38.7	74.0
5311.525000	38.7	216.4	H	309.0	-15.6	35.3	74.0
7365.470000	44.3	249.4	V	174.0	-9.8	29.7	74.0
8826.595000	46.0	349.8	V	45.0	-7.3	28.0	74.0
9529.555000	48.7	274.5	V	353.0	-5.4	25.3	74.0
10228.415000	48.5	113.4	H	50.0	-4.5	25.5	74.0

Frequency (MHz)	CAverage (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
3517.380000	22.4	199.6	V	128.0	-20.7	31.6	54.0
5311.525000	26.2	216.4	H	309.0	-15.6	27.8	54.0
7365.470000	31.3	249.4	V	174.0	-9.8	22.7	54.0
8826.595000	33.7	349.8	V	45.0	-7.3	20.3	54.0
9529.555000	35.9	274.5	V	353.0	-5.4	18.1	54.0
10228.415000	35.3	113.4	H	50.0	-4.5	18.7	54.0

[EUT Only] LTE B2 (Center CH) RX Receiving + WIFI 2.4 GHz + Bluetooth mode

Frequency (MHz)	Peak (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
1429.195000	32.3	249.8	H	138.0	-26.0	41.7	74.0
2468.655000	33.5	141.6	V	194.0	-23.6	40.5	74.0
5019.910000	39.6	177.4	V	232.0	-15.9	34.4	74.0
7423.990000	45.2	215.4	H	0.0	-9.7	28.8	74.0
9831.670000	48.5	149.5	H	155.0	-5.4	25.5	74.0
10171.800000	48.2	99.7	H	247.0	-4.7	25.8	74.0

Frequency (MHz)	CAverage (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
1429.195000	19.9	249.8	H	138.0	-26.0	34.1	54.0
2468.655000	20.8	141.6	V	194.0	-23.6	33.2	54.0
5019.910000	26.1	177.4	V	232.0	-15.9	27.9	54.0
7423.990000	31.7	215.4	H	0.0	-9.7	22.3	54.0
9831.670000	34.9	149.5	H	155.0	-5.4	19.1	54.0
10171.800000	35.3	99.7	H	247.0	-4.7	18.7	54.0

[EUT Only] LTE B4 (Center CH) RX Receiving + WIFI 2.4 GHz + Bluetooth mode

Frequency (MHz)	Peak (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
1703.220000	32.7	249.9	V	121.0	-25.5	41.3	74.0
3158.980000	35.8	99.9	H	325.0	-21.0	38.2	74.0
4300.780000	36.3	232.5	H	228.0	-18.4	37.7	74.0
7448.730000	44.3	203.5	V	64.0	-9.6	29.7	74.0
9560.510000	48.3	150.0	H	204.0	-5.4	25.7	74.0
10863.335000	48.3	233.4	V	46.0	-2.9	25.7	74.0

Frequency (MHz)	CAverage (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
1703.220000	20.1	249.9	V	121.0	-25.5	33.9	54.0
3158.980000	22.6	99.9	H	325.0	-21.0	31.4	54.0
4300.780000	23.5	232.5	H	228.0	-18.4	30.5	54.0
7448.730000	31.5	203.5	V	64.0	-9.6	22.5	54.0
9560.510000	36.0	150.0	H	204.0	-5.4	18.0	54.0
10863.335000	35.3	233.4	V	46.0	-2.9	18.7	54.0

[EUT Only] LTE B12 (CH 5010 Low) RX Receiving + WIFI 2.4 GHz + Bluetooth mode

Frequency (MHz)	Peak (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
3669.800000	35.5	245.4	V	73.0	-20.4	38.5	74.0
4936.165000	38.7	248.5	H	50.0	-16.1	35.3	74.0
7409.800000	44.6	150.0	V	293.0	-9.7	29.4	74.0
8883.940000	46.1	248.4	V	221.0	-7.1	27.9	74.0
9563.135000	49.0	299.4	V	151.0	-5.4	25.0	74.0
10280.080000	47.8	149.6	V	184.0	-4.4	26.2	74.0

Frequency (MHz)	CAverage (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
3669.800000	22.8	245.4	V	73.0	-20.4	31.2	54.0
4936.165000	26.1	248.5	H	50.0	-16.1	27.9	54.0
7409.800000	31.7	150.0	V	293.0	-9.7	22.3	54.0
8883.940000	33.7	248.4	V	221.0	-7.1	20.3	54.0
9563.135000	35.9	299.4	V	151.0	-5.4	18.1	54.0
10280.080000	35.2	149.6	V	184.0	-4.4	18.8	54.0

[EUT Only] LTE B12 (CH 5095 Middle) RX Receiving + WIFI 2.4 GHz + Bluetooth mode

Frequency (MHz)	Peak (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
2014.045000	33.3	149.9	V	276.0	-25.2	40.7	74.0
2943.525000	35.5	99.7	V	99.0	-21.4	38.5	74.0
5213.950000	40.2	150.0	V	3.0	-15.7	33.8	74.0
7361.465000	43.9	160.5	V	284.0	-9.9	30.1	74.0
9516.785000	48.9	177.5	V	0.0	-5.4	25.1	74.0
10602.165000	49.7	111.4	V	314.0	-3.4	24.3	74.0

Frequency (MHz)	CAverage (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
2014.045000	20.0	149.9	V	276.0	-25.2	34.0	54.0
2943.525000	22.6	99.7	V	99.0	-21.4	31.4	54.0
5213.950000	26.8	150.0	V	3.0	-15.7	27.2	54.0
7361.465000	31.4	160.5	V	284.0	-9.9	22.6	54.0
9516.785000	36.1	177.5	V	0.0	-5.4	17.9	54.0
10602.165000	36.1	111.4	V	314.0	-3.4	17.9	54.0

[EUT Only] LTE B12 (CH 5179 High) RX Receiving + WIFI 2.4 GHz + Bluetooth mode

Frequency (MHz)	Peak (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
3082.595000	35.5	249.4	V	184.0	-21.0	38.5	74.0
5584.535000	39.1	150.0	H	190.0	-15.3	34.9	74.0
7336.930000	43.8	248.5	V	288.0	-9.9	30.2	74.0
8372.115000	45.0	249.5	V	228.0	-8.6	29.0	74.0
9577.350000	48.6	125.7	H	316.0	-5.4	25.4	74.0
11044.620000	47.6	249.9	V	6.0	-2.6	26.4	74.0

Frequency (MHz)	CAverage (dBµV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
3082.595000	22.6	249.4	V	184.0	-21.0	31.4	54.0
5584.535000	26.3	150.0	H	190.0	-15.3	27.7	54.0
7336.930000	31.1	248.5	V	288.0	-9.9	22.9	54.0
8372.115000	32.2	249.5	V	228.0	-8.6	21.8	54.0
9577.350000	35.9	125.7	H	316.0	-5.4	18.2	54.0
11044.620000	35.2	249.9	V	6.0	-2.6	18.8	54.0

6. CONCLUSION

The data collected shows that the **EUT Type: Kids Watch, FCC ID: YCOIFW522T, Model: IF-W522T** complies with §15.107 and §15.109 of the FCC rules.

7. APPENDIX A. TEST SETUP PHOTOGRAPHS

Please refer to Annex. A