

RADIO PERFORMANCE TEST REPORT

Test Report No. : OT-227-RWD-028
Reception No. : 2207002152
Applicant : SJI Co., Ltd.
Address : 54-33, Dongtanhana 1-gil, Gyeonggi-do, Hwaseong-si, South Korea
Manufacturer : SJI Co., Ltd.
Address : 54-33, Dongtanhana 1-gil, Gyeonggi-do, Hwaseong-si, South Korea
Type of Equipment : Asset Tracker
Model Name : IET10MO
Multiple Model Name : N/A
Serial number : N/A
Total page of Report : 32 pages (including this page)
Date of Incoming : May 20, 2020
Date of issue : July 08, 2022

SUMMARY

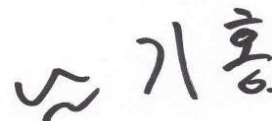
The equipment complies with the standard; EN 300 328 V2.1.1.

This test report only contains the result of a single test of the sample supplied for the examination.

It is not a generally valid assessment of the features of the respective products of the mass-production.



Reviewed by
 Tae-Ho, Kim / General Manager
 ONETECH Corp.



Approved by
 Ki-Hong, Nam / General Manager
 ONETECH Corp.

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Revision History

Rev. No.	Issue Report No.	Issued Date	Revisions	Section Affected
0	OT-205-RWD-063	May 29, 2020	Initial Release	All
1	OT-227-RWD-028	July 08, 2022	Changed company name.	All

* Please contact us (e-mail: info@onetech.co.kr) for verification of this test report.

1. APPLICANT AND MANUFACTURER INFORMATION

- Applicant : SJI Co., Ltd.
- Address : 54-33, Dongtanhana 1-gil, Gyeonggi-do, Hwaseong-si, South Korea
- Manufacturer : SJI Co., Ltd.
- Address : 54-33, Dongtanhana 1-gil, Gyeonggi-do, Hwaseong-si, South Korea

2. TEST SUMMARY

2.1 Test standards and results

CLAUSE	TEST ITEMS	RESULTS	REMARK
4.3.1.2 or 4.3.2.2	RF output power	-	Note1
4.3.2.3	Power Spectral Density	-	Note1
4.3.1.3 or 4.3.2.4	Duty Cycle, Tx-sequence, Tx-gap	-	Note1
4.3.1.4	Accumulated Transmit Time, Frequency Occupation & Hopping Sequence	-	Note1
4.3.1.5	Hopping Frequency Separation	-	Note1
4.3.1.6 or 4.3.2.5	Medium Utilisation (MU) factor	-	Note1
4.3.1.7 or 4.3.2.6	Adaptivity (Adaptive Frequency Hopping)	-	Note1
4.3.1.8 or 4.3.2.7	Occupied Channel Bandwidth	-	Note1
4.3.1.9 or 4.3.2.8	Transmitter Unwanted emissions in the out-of-band domain	-	Note1
4.3.1.10 or 4.3.2.9	Transmitter Unwanted emissions in the Spurious domain	PASS	-
4.3.1.11 or 4.3.2.10	Receiver spurious emissions	PASS	-
4.3.1.12 or 4.3.2.11	Receiver Blocking	-	Note1
4.3.1.13 or 4.3.2.12	Geo-location capability	-	Note1

Note1 - The EUT have a RF Test already approved. (Model: SRM200A / Report Number: HCT-RF-1911-CE017)

2.2 Additions, deviations, exclusions from standards

No additions, deviations or exclusions have been made from standard.

2.3 Purpose of the test

To determine whether the equipment under test fulfills the RF spectrum electro magnetic compatibility requirements of the standards stated in section 2.1.

2.4 Test Facility

The Onetech Corp. has been designated to perform equipment testing in compliance with ISO/IEC 17025.

The Electromagnetic compatibility measurement facilities are located at 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea.

-. Site Filing:

VCCI (Voluntary Control Council for Interference) – Registration No. R-20122/ C-14617/ G-10666/ T-11842

ISED (Innovation, Science and Economic Development Canada) – Registration No. Site# 3736A-3

KOLAS (Korea Laboratory Accreditation Scheme) - Accreditation NO. KT085

FCC (Federal Communications Commission) - Accreditation No. KR0013

RRA (Radio Research Agency) – Designation No. KR0013

3. EUT (Equipment Under Test)

3.1 Identification of EUT

-. Equipment	: Asset Tracker
-. Model Name	: IET10MO
-. Brand Name	: -
-. Serial number	: N/A
-. Manufacturer	: SJI Co., Ltd.

3.2 Additional information about the EUT

The SJI Co., Ltd., Model IET10MO (referred to as the EUT in this report) is a Asset Tracker. The product specification described herein was obtained from product data sheet or user's manual.

DEVICE TYPE	Asset Tracker	
Temperature Range	-30 °C ~ 60 °C	
OPERATING FREQUENCY	Sig Fox	868.034 MHz ~ 868.226 MHz (Tx) 869.429 MHz ~ 869.621 MHz (Rx)
	GPS	1 559 MHz ~ 1 610 MHz
	Bluetooth LE	2 402 MHz ~ 2 480 MHz
	WLAN 2.4 GHz	2 412 MHz ~ 2 472 MHz (802.11b/g/n(HT20))
MODULATION TYPE	Sig Fox	DBPSK
	Bluetooth LE	GFSK
	WLAN 2.4 GHz	802.11b: DSSS Modulation(DBPSK/DQPSK/CCK) 802.11g/n(HT20): OFDM Modulation(BPSK/QPSK/16QAM/64QAM)
ANTENNA TYPE	Sig Fox : Metal Antenna Bluetooth LE / WLAN 2.4 GHz : Chip Antenna GPS : Ceramic Patch Antenna	
ANTENNA GAIN	Sig Fox: 2.50 dBi Bluetooth LE: 2.50 dBi WLAN 2.4 GHz: 2.50 dBi	
List of each Osc. or crystal Freq.(Freq. >= 1 MHz)	32.768 kHz, 26 MHz, 32 MHz	

3.3 Peripheral equipment

-. None

3.4 Mode of operation during the test

For WLAN the testing, software used to control the EUT for staying in continuous transmitting and receiving mode is programmed. For determining which data rate is the worst case, for following modes were investigated and then selected the worst test mode for all test items. To get a maximum radiated emission levels from the EUT, the EUT was moved throughout the XY, XZ, and YZ planes and the worst case is “XZ” axis, but the worst data was recorded in this test report.

3.5 Alternative type(s)/model(s); also covered by this test report.

-. None

4. EUT MODIFICATIONS

-. None

5. Transmitter Unwanted emissions in the Spurious domain

5.1 Operating environment

Temperature : 24 °C
Relative humidity : 49 % R.H.

5.2 Test set-up and procedure

EN 300 328 V2.1.1 clause 5.4.9

5.3 Measurement uncertainty

Radiated emission electric field intensity, 30 MHz ~ 1 000 MHz : 3.7 dB
Radiated emission electric field intensity, 1 GHz ~ 12.75 GHz : 3.9 dB

5.4 Test equipment used

Model Number	Manufacturer	Description	Serial Number	Last Cal.(Interval)
■ - FSV40	Rohde & Schwarz	Signal Analyzer	101009	Feb. 21, 2020 (1Y)
■ - OSP120	Rohde & Schwarz	Open Switch and Control Unit	101364	N/A
■ - OSP150	Rohde & Schwarz	Open Switch and Control Unit	100871	N/A
■ - Controller CO 2000	Innco systems GmbH	Digital Controller	N/A	N/A
■ - VULB9163	Schwarzbeck	TRILOG Broadband Antenna	777	Apr. 08, 2020 (2Y)
□ - DT3000	Innco System	Turn Table	930611	N/A
■ - BBHA 9120D	Schwarzbeck	Horn Antenna	9120D-1366	Jul. 16, 2019 (1Y)
□ - BBHA 9170	Schwarzbeck	Horn Antenna	BBHA9170179	Jan. 07, 2020 (1Y)
□ - QMS-00208	Schwarzbeck	Horn Antenna	16111	Nov. 25, 2019 (1Y)
■ - MA 2000	Innco systems GmbH	Antenna master	N/A	N/A
■ - AS1700-EP	Innco systems GmbH	Antenna master	N/A	N/A
■ - DS 1200 S	Innco systems GmbH	Turn table	N/A	N/A
□ - FPA3-0.8-6.0R/1329	Innco systems GmbH	Communication antenna	411068-0003	N/A
□ - FPA3-0.8-6.0R/1329	Innco systems GmbH	Communication antenna	411068-0001	N/A
■ - DE3700-RH	Innco systems GmbH	Antenna master	N/A	N/A
■ - SFI101	Rohde & Schwarz	Wlan RSE Switching Aad Filter Unlt	N/A	N/A
■ - SCU03	Rohde & Schwarz	Signal Conditioning unit	100333	Feb. 19, 2020 (1Y)
■ - SCU18	Rohde & Schwarz	Signal Conditioning unit	102266	Jul. 24, 2019 (1Y)
□ - SCU40A	Rohde & Schwarz	Signal Conditioning unit	N/A	Feb. 20, 2020 (1Y)
□ - HPF 3GHz	Rohde & Schwarz	High Pass Filter	N/A	Feb. 19, 2020 (1Y)
□ - HPF 1.5GHz	Rohde & Schwarz	High Pass Filter	N/A	Feb. 19, 2020 (1Y)
□ - HPF 3GHz	Rohde & Schwarz	High Pass Filter	N/A	Feb. 19, 2020 (1Y)
□ - F1 GSM 850	Rohde & Schwarz	Filter	N/A	Feb. 19, 2020 (1Y)
□ - F2 GSM 900	Rohde & Schwarz	Filter	N/A	Feb. 19, 2020 (1Y)
□ - F3 GSM 1800	Rohde & Schwarz	Filter	N/A	Feb. 19, 2020 (1Y)
□ - F4 GSM 1900	Rohde & Schwarz	Filter	N/A	Feb. 19, 2020 (1Y)
□ - F5 CDMA CELL	Rohde & Schwarz	Filter	N/A	Feb. 19, 2020 (1Y)
□ - F6 CDMA PCS	Rohde & Schwarz	Filter	N/A	Feb. 19, 2020 (1Y)

All test equipment used is calibrated on a regular basis.

5.5 Test data for Radiated

5.5.1 Test data for 802.11b

5.5.1.1 Test data (Below 1 GHz)

- . Test Date : May 21, 2020 ~ May 25, 2020
- . Resolution bandwidth : 100 kHz
- . Frequency range : 30 MHz ~ 1 GHz
- . Operating condition : Highest Output Power Transmitting Mode
- . Measurement distance : 3 m

Frequency (MHz)	Level (dBm)	Pol	Limit (dBm)	Margin (dB)
Low Channel				
Measurements are 6 dB below these limits, the measurements are not reported.				
High Channel				
Measurements are 6 dB below these limits, the measurements are not reported.				

Remark: "H": Horizontal, "V": Vertical

5.5.1.2 Test data (Above 1 GHz)

- . Test Date : May 21, 2020 ~ May 25, 2020
- . Resolution bandwidth : 1 MHz
- . Frequency range : 1 GHz ~ 12.75 GHz
- . Operating condition : Highest Output Power Transmitting Mode
- . Measurement distance : 3 m

Frequency (MHz)	Level (dBm)	Pol	Limit (dBm)	Margin (dB)
Low Channel				
Measurements are 6 dB below these limits, the measurements are not reported.				
High Channel				
Measurements are 6 dB below these limits, the measurements are not reported.				

Remark: "H": Horizontal, "V": Vertical



Tested by: Hyung-Kwon, Oh / Assistant Manager

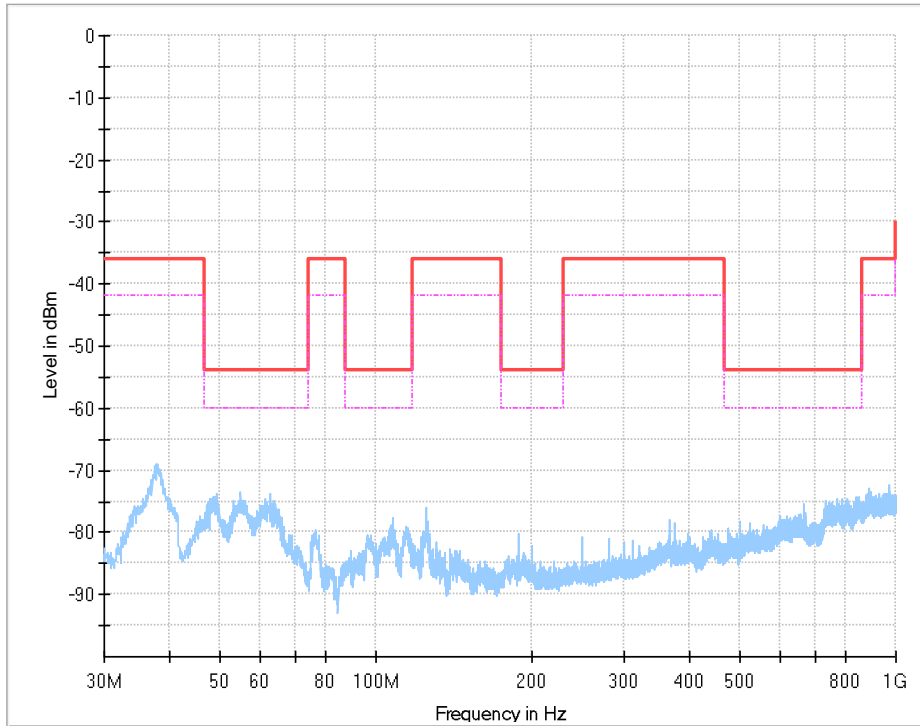
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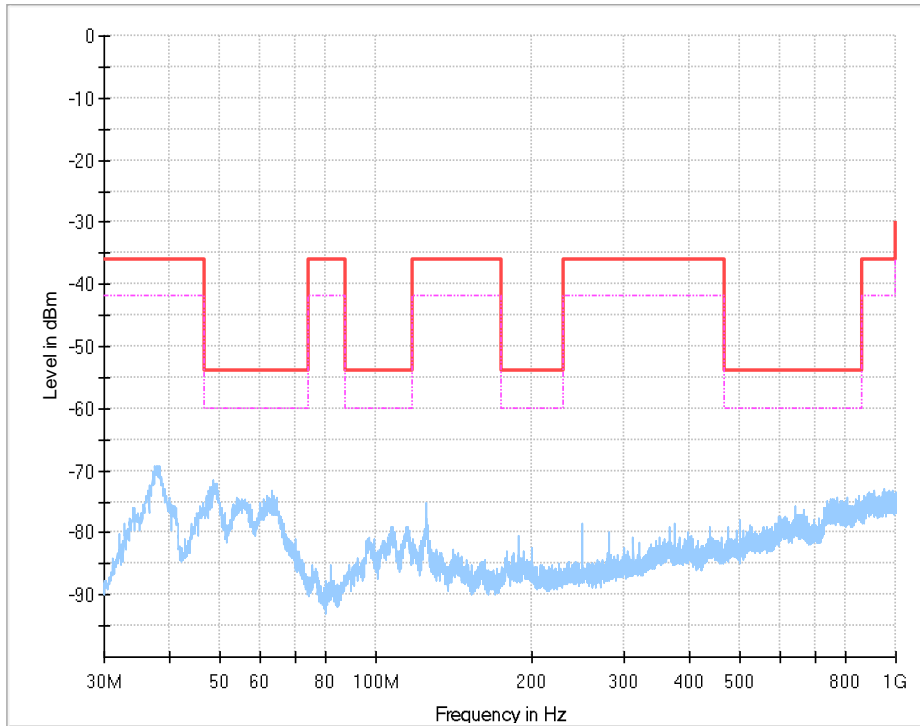
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ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

5.5.1.3 Plots of measurement data



Low Channel - Transmitting Mode (Below 1 GHz)

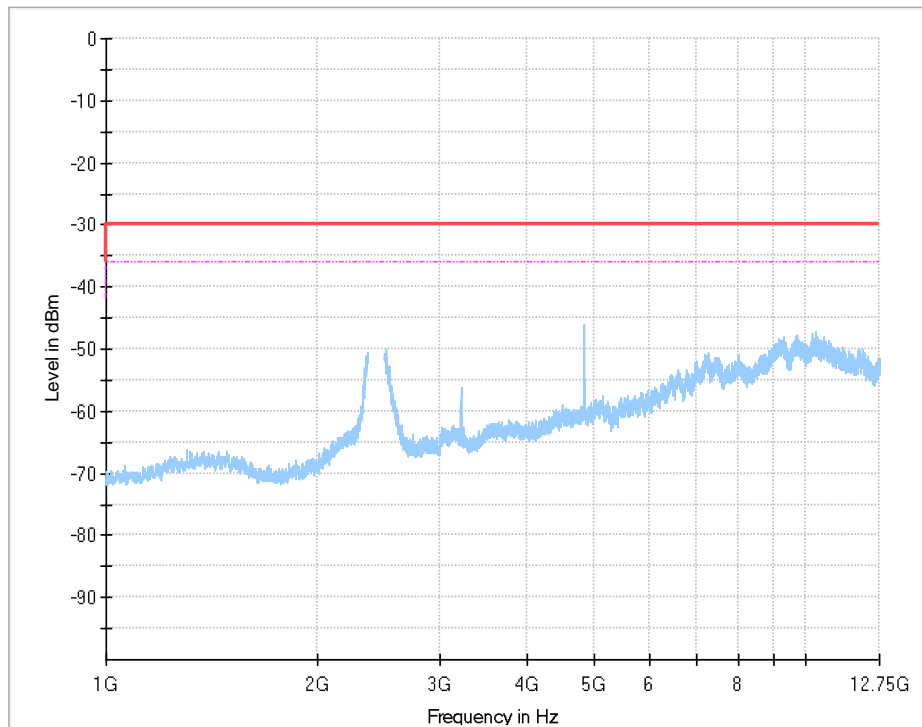


High Channel - Transmitting Mode (Below 1 GHz)

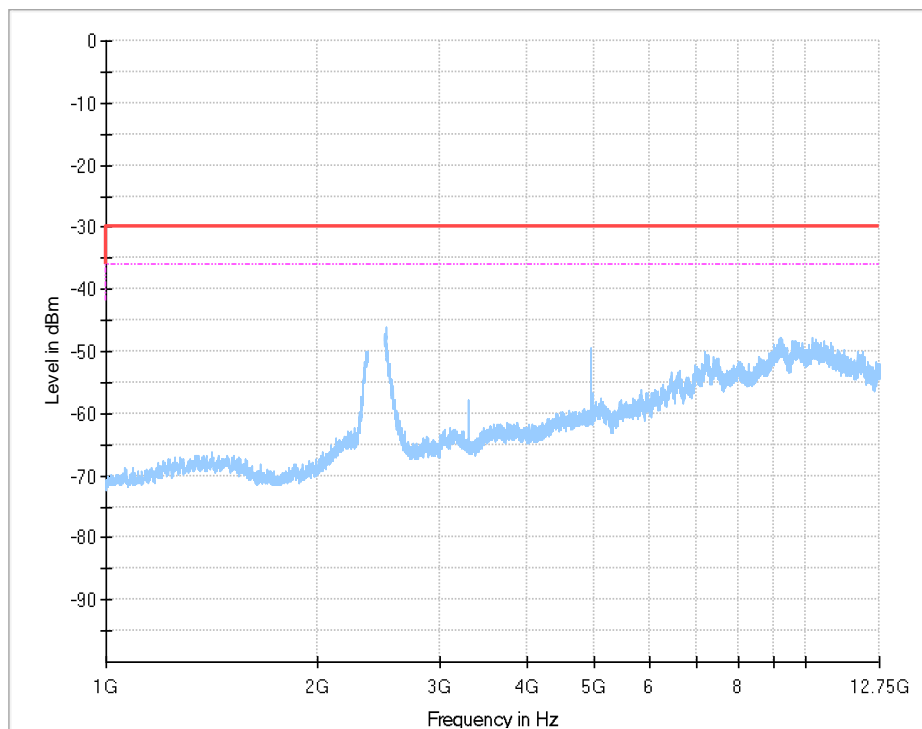
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Low Channel - Transmitting Mode (Above 1 GHz)



High Channel - Transmitting Mode (Above 1 GHz)

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5.5.2 Test data for 802.11g

5.5.2.1 Test data (Below 1 GHz)

- . Test Date : May 21, 2020 ~ May 25, 2020
- . Resolution bandwidth : 100 kHz
- . Frequency range : 30 MHz ~ 1 GHz
- . Operating condition : Highest Output Power Transmitting Mode
- . Measurement distance : 3 m

Frequency (MHz)	Level (dBm)	Pol	Limit (dBm)	Margin (dB)
Low Channel				
Measurements are 6 dB below these limits, the measurements are not reported.				
High Channel				
Measurements are 6 dB below these limits, the measurements are not reported.				


Remark: "H": Horizontal, "V": Vertical

5.5.2.2 Test data (Above 1 GHz)

- . Test Date : May 21, 2020 ~ May 25, 2020
- . Resolution bandwidth : 1 MHz
- . Frequency range : 1 GHz ~ 12.75 GHz
- . Operating condition : Highest Output Power Transmitting Mode
- . Measurement distance : 3 m

Frequency (MHz)	Level (dBm)	Pol	Limit (dBm)	Margin (dB)
Low Channel				
Measurements are 6 dB below these limits, the measurements are not reported.				
High Channel				
Measurements are 6 dB below these limits, the measurements are not reported.				

Remark: "H": Horizontal, "V": Vertical


Tested by: Hyung-Kwon, Oh / Assistant Manager

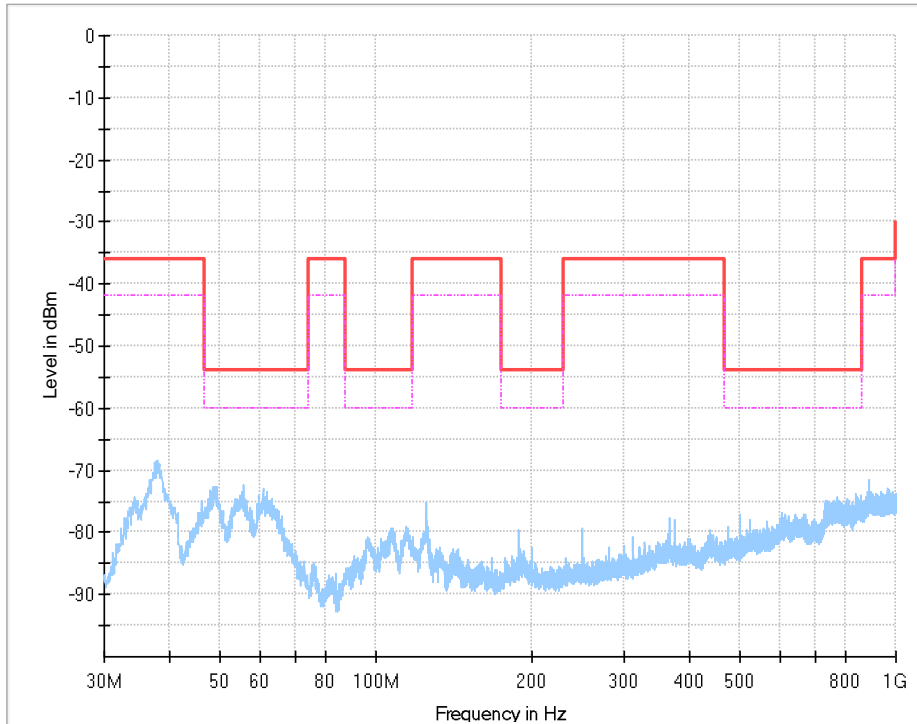
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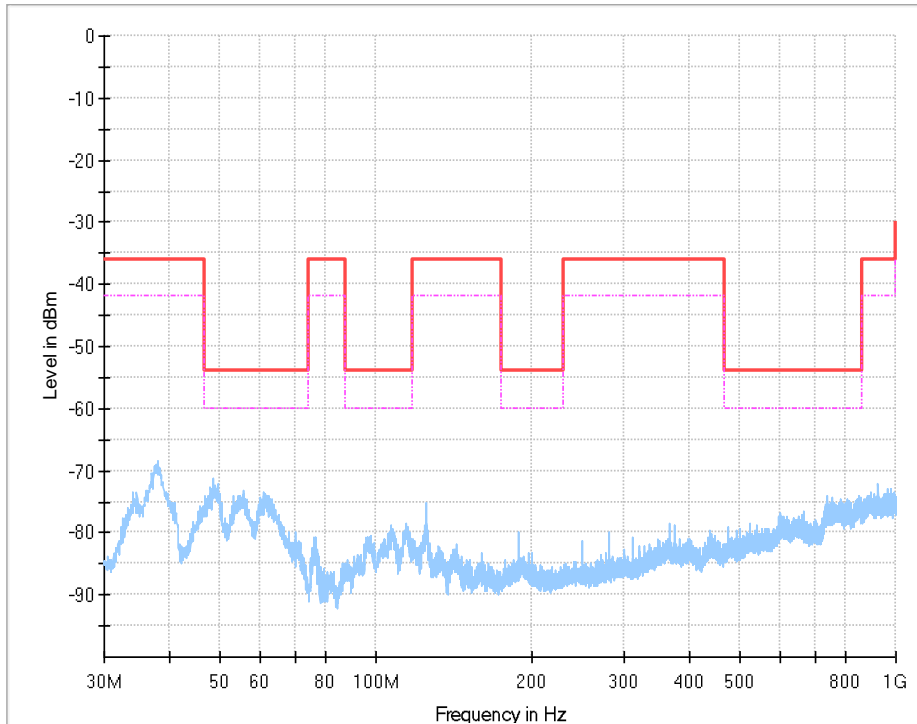
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5.5.2.3 Plots of measurement data



Low Channel - Transmitting Mode (Below 1 GHz)



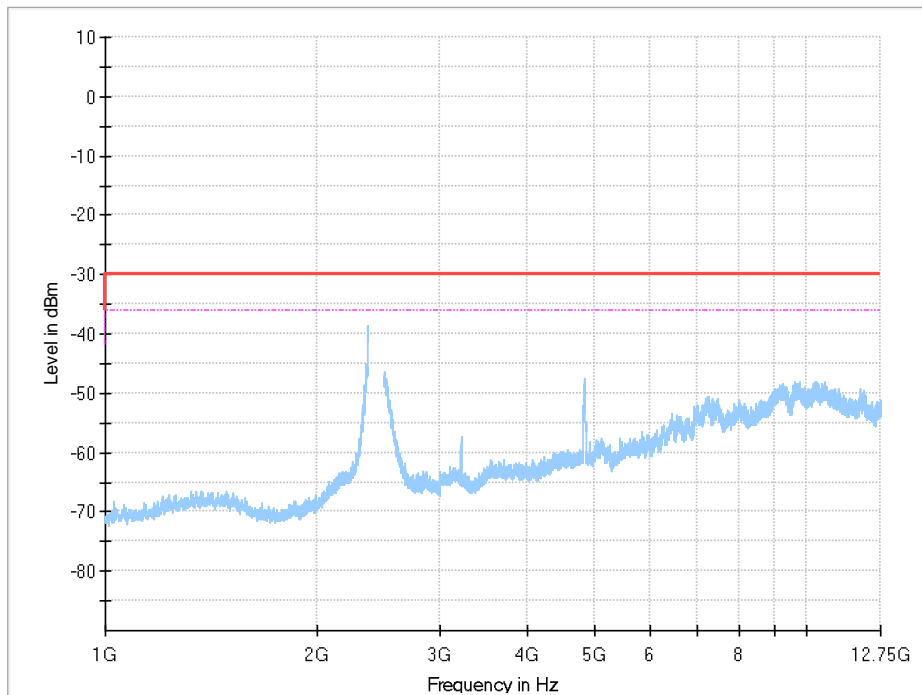
High Channel - Transmitting Mode (Below 1 GHz)

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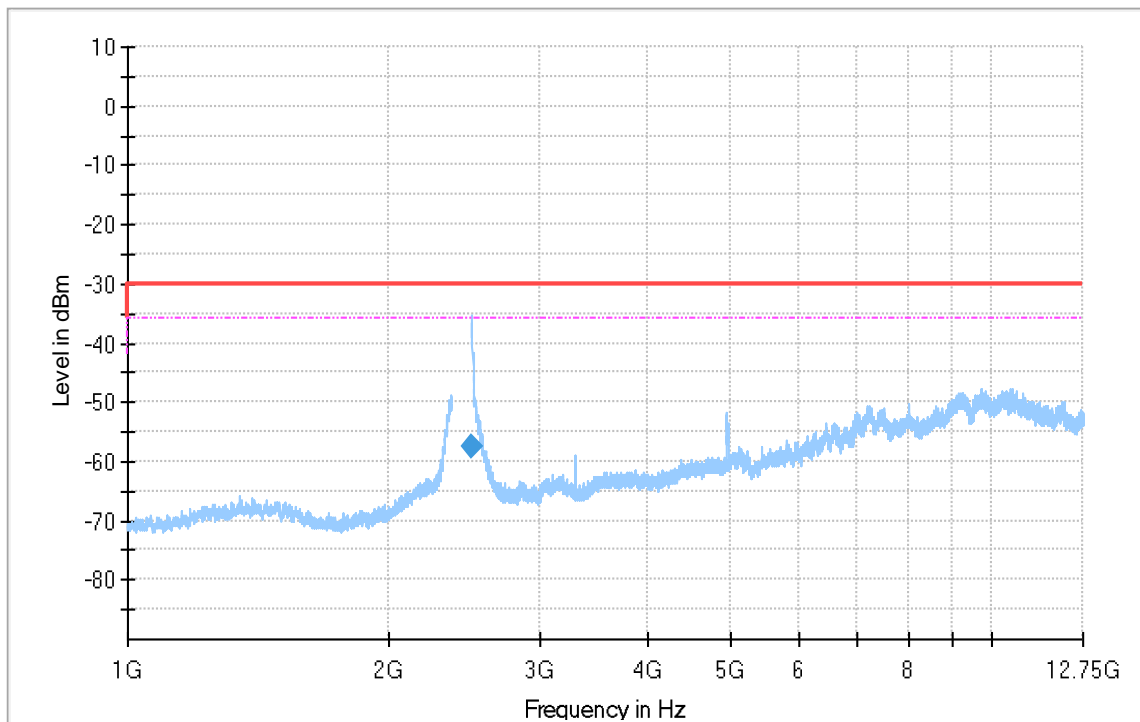
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Low Channel - Transmitting Mode (Above 1 GHz)



High Channel - Transmitting Mode (Above 1 GHz)

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5.5.3 Test data for 802.11n_HT20

5.5.3.1 Test data (Below 1 GHz)

- . Test Date : May 21, 2020 ~ May 25, 2020
- . Resolution bandwidth : 100 kHz
- . Frequency range : 30 MHz ~ 1 GHz
- . Operating condition : Highest Output Power Transmitting Mode
- . Measurement distance : 3 m

Frequency (MHz)	Level (dBm)	Pol	Limit (dBm)	Margin (dB)
Low Channel				
Measurements are 6 dB below these limits, the measurements are not reported.				
High Channel				
Measurements are 6 dB below these limits, the measurements are not reported.				


Remark: "H": Horizontal, "V": Vertical

5.5.3.2 Test data (Above 1 GHz)

- . Test Date : August 08, 2019 ~ August 16, 2019
- . Resolution bandwidth : 1 MHz
- . Frequency range : 1 GHz ~ 12.75 GHz
- . Operating condition : Highest Output Power Transmitting Mode
- . Measurement distance : 3 m

Frequency (MHz)	Level (dBm)	Pol	Limit (dBm)	Margin (dB)
Low Channel				
Measurements are 6 dB below these limits, the measurements are not reported.				
High Channel				
Measurements are 6 dB below these limits, the measurements are not reported.				

Remark: "H": Horizontal, "V": Vertical


Tested by: Hyung-Kwon, Oh / Assistant Manager

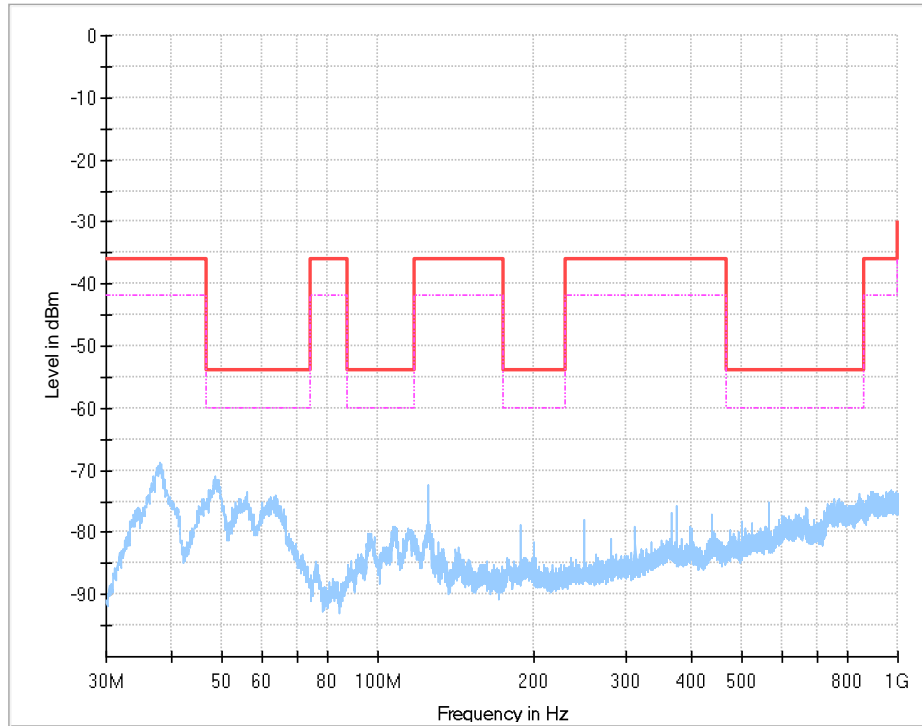
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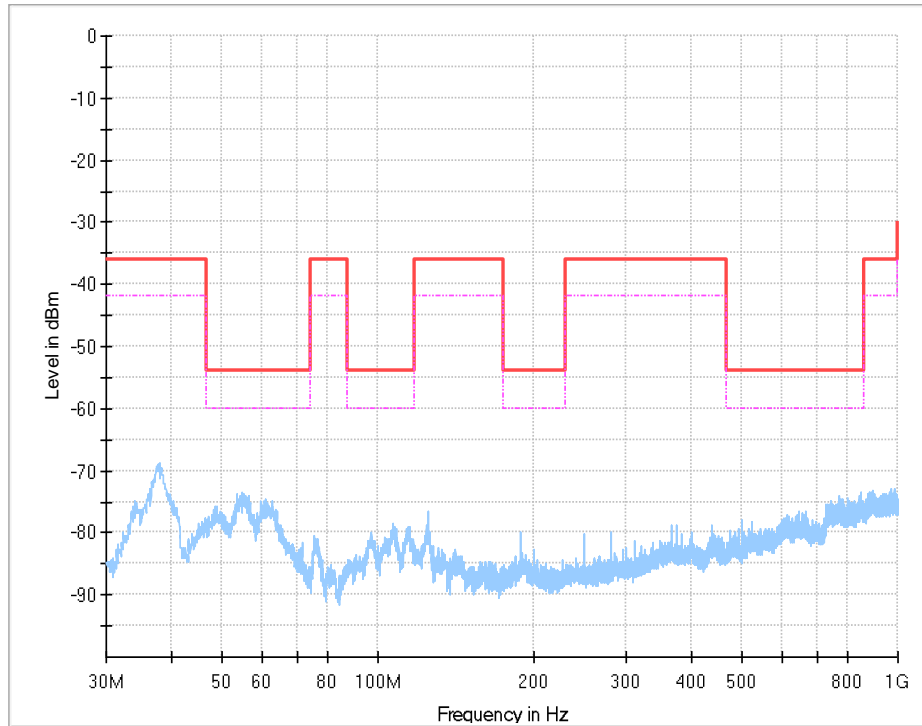
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5.5.3.3 Plots of measurement data



Low Channel - Transmitting Mode (Below 1 GHz)



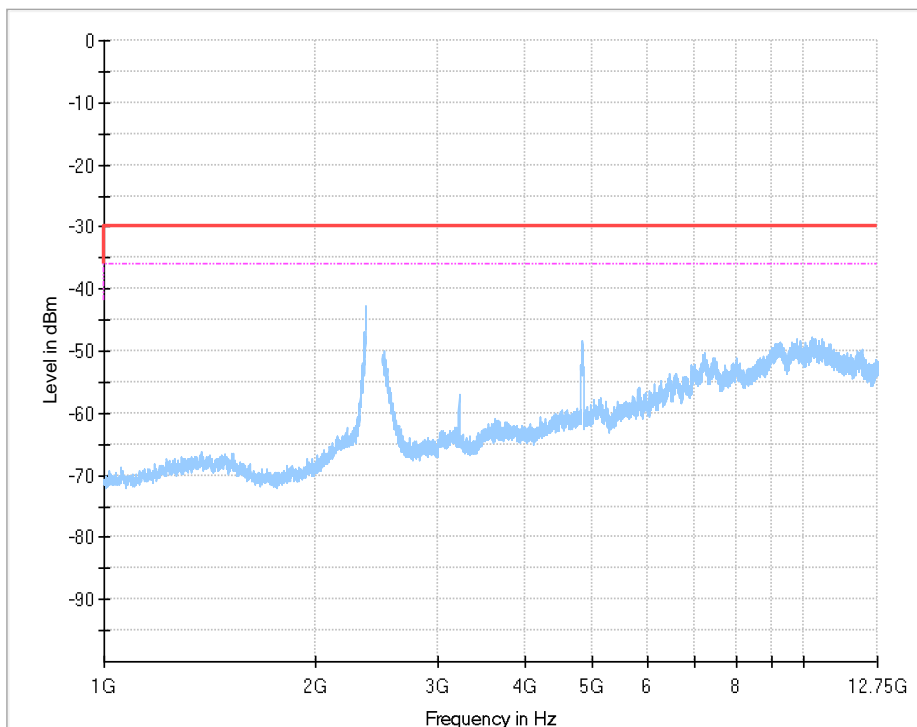
High Channel - Transmitting Mode (Below 1 GHz)

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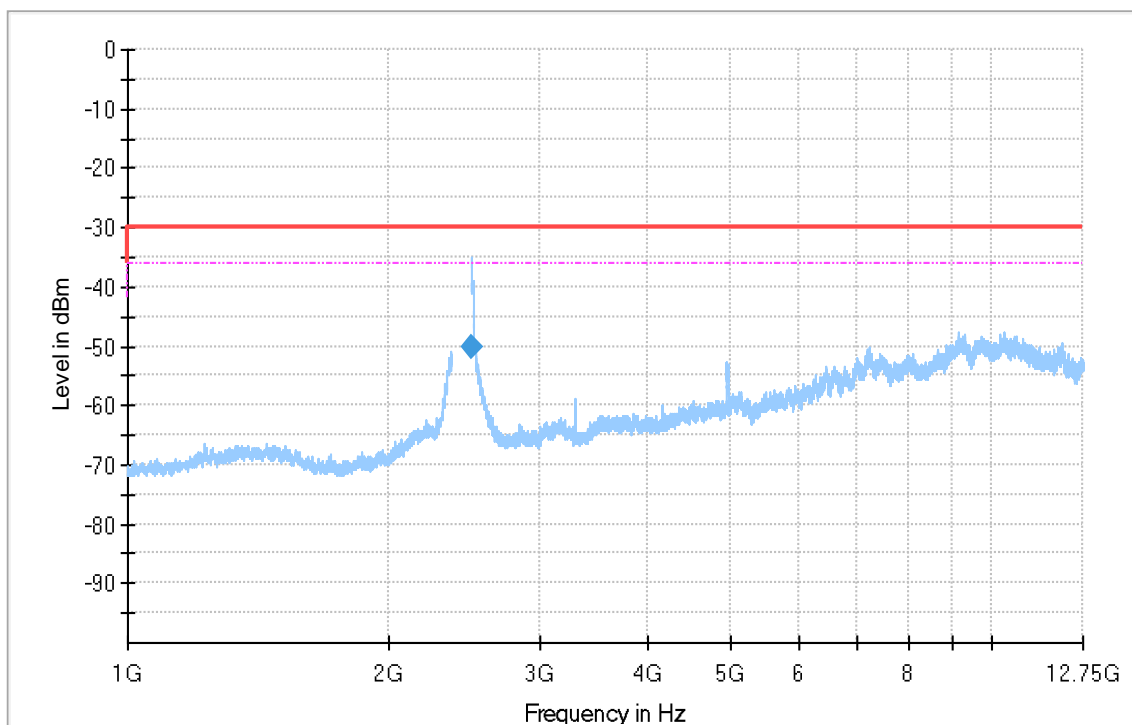
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Low Channel - Transmitting Mode (Above 1 GHz)



High Channel - Transmitting Mode (Above 1 GHz)

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5.6 Limit

Subclause: 4.3.2.9.3 Table 12

Frequency Range	Narrowband Spurious Emission	
	Maximum power, e.r.p. (≤ 1 GHz) e.i.r.p. (> 1 GHz)	Bandwidth
30 MHz to 47 MHz	-36 dBm	100 kHz
47 MHz to 74 MHz	-54 dBm	100 kHz
74 MHz to 87.5 MHz	-36 dBm	100 kHz
87,5 MHz to 118 MHz	-54 dBm	100 kHz
118 MHz to 174 MHz	-36 dBm	100 kHz
174 MHz to 230 MHz	-54 dBm	100 kHz
230 MHz to 470 MHz	-36 dBm	100 kHz
470 MHz to 862 MHz	-54 dBm	100 kHz
862 MHz to 1 GHz	-36 dBm	100 kHz
1 GHz to 12.75 GHz	-30 dBm	1 MHz



Tested by: Hyung-Kwon, Oh / Assistant Manager

6. Receiver spurious emissions

6.1 Operating environment

Temperature : 24.3 °C
Relative humidity : 43.9 % R.H.

6.2 Test set-up and procedure

EN 300 328 V2.1.1 clause 5.4.10

6.3 Measurement uncertainty

Radiated emission electric field intensity, 30 MHz ~ 1 000 MHz : 3.7 dB
Radiated emission electric field intensity, 1 GHz ~ 12.75 GHz : 3.9 dB

6.4 Test equipment used

Model Number	Manufacturer	Description	Serial Number	Last Cal.(Interval)
■ - FSV40	Rohde & Schwarz	Signal Analyzer	101009	Feb. 21, 2020 (1Y)
■ - OSP120	Rohde & Schwarz	Open Switch and Control Unit	101364	N/A
■ - OSP150	Rohde & Schwarz	Open Switch and Control Unit	100871	N/A
■ - Controller CO 2000	Innco systems GmbH	Digital Controller	N/A	N/A
■ - VULB9163	Schwarzbeck	TRILOG Broadband Antenna	777	Apr. 08, 2020 (2Y)
□ - DT3000	Innco System	Turn Table	930611	N/A
■ - BBHA 9120D	Schwarzbeck	Horn Antenna	9120D-1366	Jul. 16, 2019 (1Y)
□ - BBHA 9170	Schwarzbeck	Horn Antenna	BBHA9170179	Jan. 07, 2020 (1Y)
□ - QMS-00208	Schwarzbeck	Horn Antenna	16111	Nov. 25, 2019 (1Y)
■ - MA 2000	Innco systems GmbH	Antenna master	N/A	N/A
■ - AS1700-EP	Innco systems GmbH	Antenna master	N/A	N/A
■ - DS 1200 S	Innco systems GmbH	Turn table	N/A	N/A
□ - FPA3-0.8-6.0R/1329	Innco systems GmbH	Communication antenna	411068-0003	N/A
□ - FPA3-0.8-6.0R/1329	Innco systems GmbH	Communication antenna	411068-0001	N/A
■ - DE3700-RH	Innco systems GmbH	Antenna master	N/A	N/A
■ - SFI101	Rohde & Schwarz	Wlan RSE Switching Aad Filter Unlt	N/A	N/A
■ - SCU03	Rohde & Schwarz	Signal Conditioning unit	100333	Feb. 19, 2020 (1Y)
■ - SCU18	Rohde & Schwarz	Signal Conditioning unit	102266	Jul. 24, 2019 (1Y)
□ - SCU40A	Rohde & Schwarz	Signal Conditioning unit	N/A	Feb. 20, 2020 (1Y)
□ - HPF 3GHz	Rohde & Schwarz	High Pass Filter	N/A	Feb. 19, 2020 (1Y)
□ - HPF 1.5GHz	Rohde & Schwarz	High Pass Filter	N/A	Feb. 19, 2020 (1Y)
□ - HPF 3GHz	Rohde & Schwarz	High Pass Filter	N/A	Feb. 19, 2020 (1Y)
□ - F1 GSM 850	Rohde & Schwarz	Filter	N/A	Feb. 19, 2020 (1Y)
□ - F2 GSM 900	Rohde & Schwarz	Filter	N/A	Feb. 19, 2020 (1Y)
□ - F3 GSM 1800	Rohde & Schwarz	Filter	N/A	Feb. 19, 2020 (1Y)
□ - F4 GSM 1900	Rohde & Schwarz	Filter	N/A	Feb. 19, 2020 (1Y)
□ - F5 CDMA CELL	Rohde & Schwarz	Filter	N/A	Feb. 19, 2020 (1Y)
□ - F6 CDMA PCS	Rohde & Schwarz	Filter	N/A	Feb. 19, 2020 (1Y)

All test equipment used is calibrated on a regular basis.

6.5 Test data for Radiated

6.5.1 Test data for 802.11b

6.5.1.1 Test data (Below 1 GHz)

- . Test Date : May 21, 2020 ~ May 25, 2020
- . Resolution bandwidth : 100 kHz
- . Frequency range : 30 MHz ~ 1 GHz
- . Operating condition : Receiving Mode
- . Measurement distance : 3 m

Frequency (MHz)	Level (dBm)	Pol	Limit (dBm)	Margin (dB)
Low Channel				
Measurements are 6 dB below these limits, the measurements are not reported.				
High Channel				
Measurements are 6 dB below these limits, the measurements are not reported.				

Remark: "H": Horizontal, "V": Vertical

6.5.1.2 Test data (Above 1 GHz)

- . Test Date : May 21, 2020 ~ May 25, 2020
- . Resolution bandwidth : 1 MHz
- . Frequency range : 1 GHz ~ 12.75 GHz
- . Operating condition : Receiving Mode
- . Measurement distance : 3 m

Frequency (MHz)	Level (dBm)	Pol	Limit (dBm)	Margin (dB)
Low Channel				
Measurements are 6 dB below these limits, the measurements are not reported.				
High Channel				
Measurements are 6 dB below these limits, the measurements are not reported.				

Remark: "H": Horizontal, "V": Vertical



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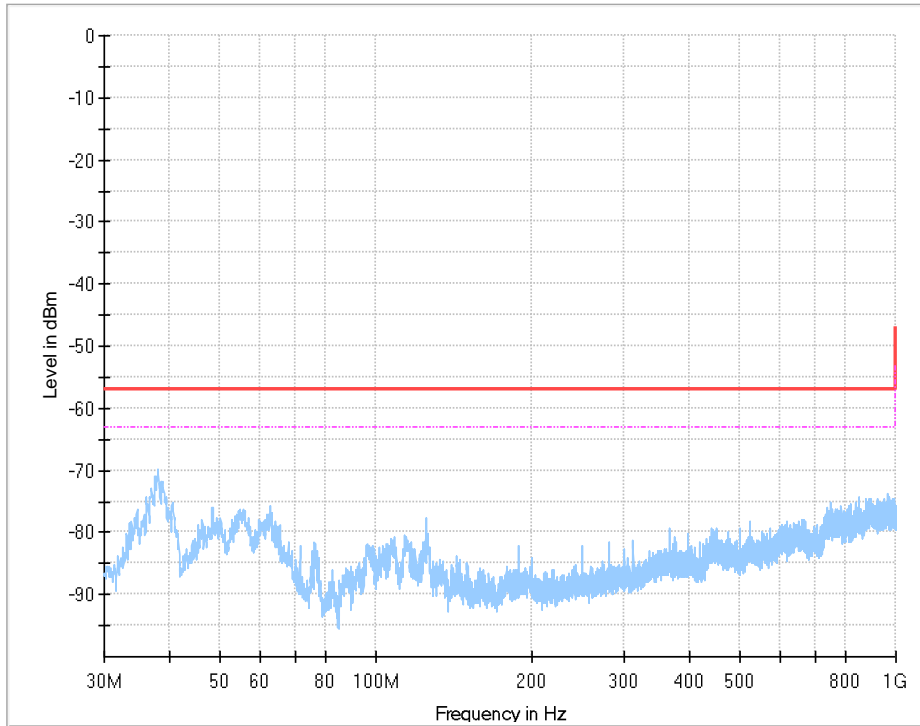
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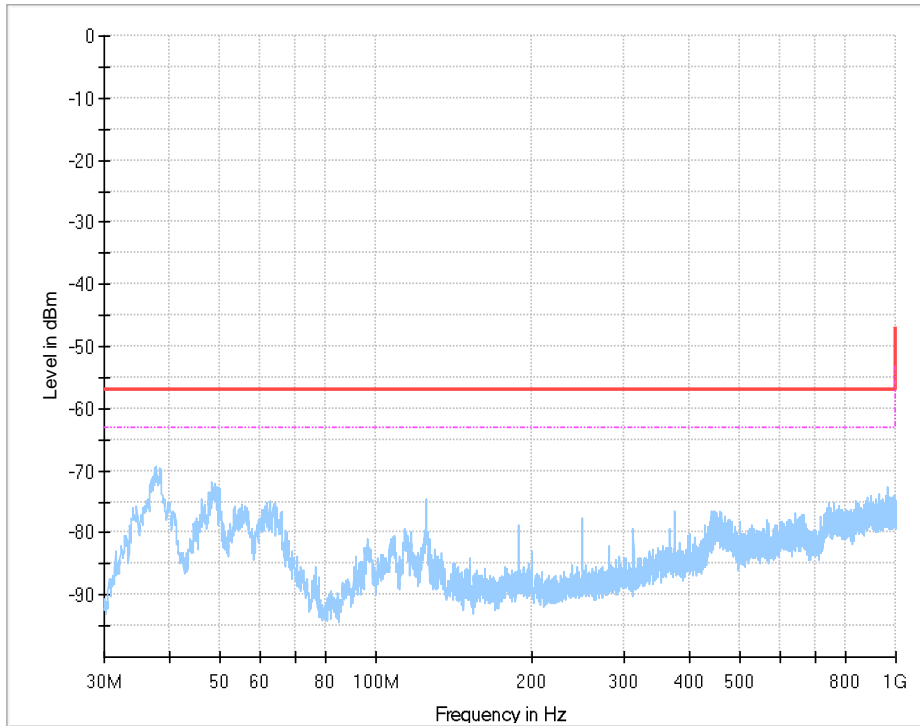
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6.5.1.3 Plots of measurement data



Low Channel - Receiving Mode (Below 1 GHz)

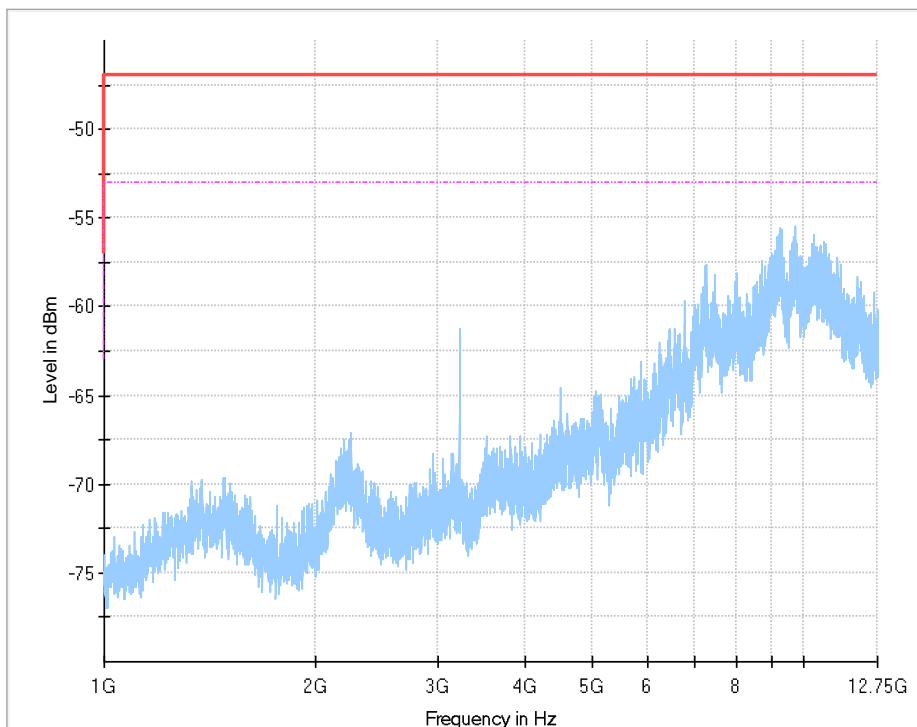


High Channel - Receiving Mode (Below 1 GHz)

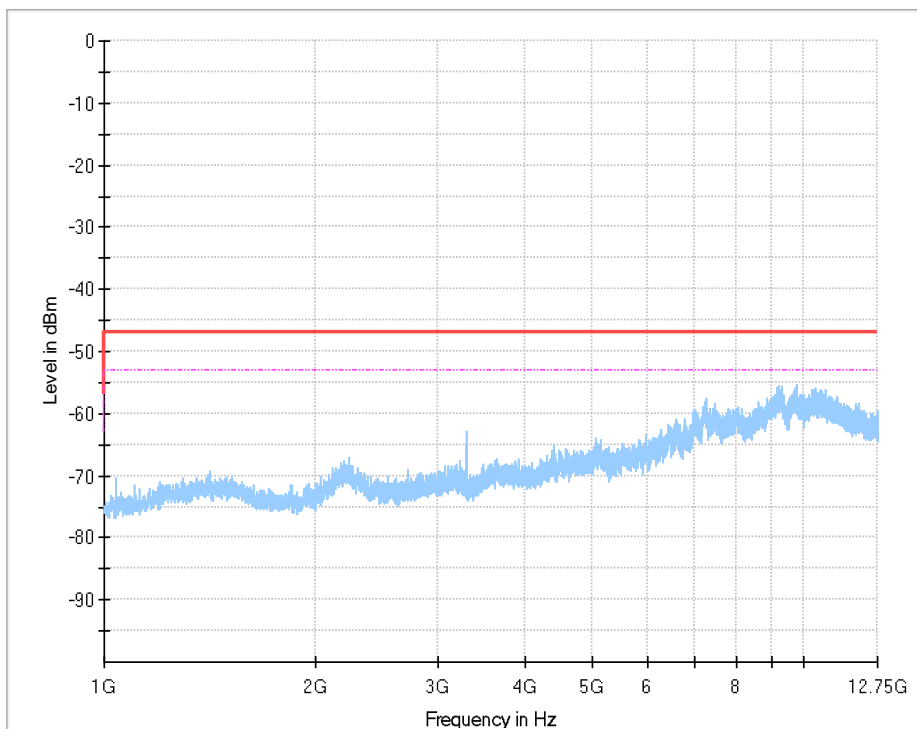
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Low Channel - Receiving Mode (Above 1 GHz)



High Channel - Receiving Mode (Above 1 GHz)

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6.5.2 Test data for 802.11g

6.5.2.1 Test data (Below 1 GHz)

- Test Date : May 21, 2020 ~ May 25, 2020
- Resolution bandwidth : 100 kHz
- Frequency range : 30 MHz ~ 1 GHz
- Operating condition : Receiving Mode
- Measurement distance : 3 m

Frequency (MHz)	Level (dBm)	Pol	Limit (dBm)	Margin (dB)
Low Channel				
Measurements are 6 dB below these limits, the measurements are not reported.				
High Channel				
Measurements are 6 dB below these limits, the measurements are not reported.				


Remark: "H": Horizontal, "V": Vertical

6.5.2.2 Test data (Above 1 GHz)

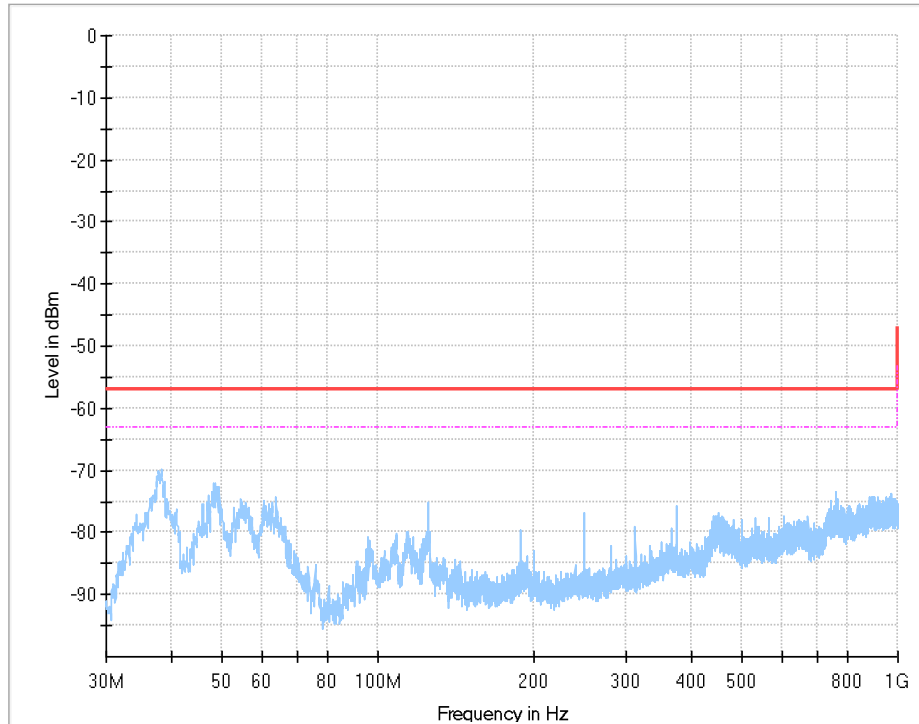
- Test Date : May 21, 2020 ~ May 25, 2020
- Resolution bandwidth : 1 MHz
- Frequency range : 1 GHz ~ 12.75 GHz
- Operating condition : Receiving Mode
- Measurement distance : 3 m

Frequency (MHz)	Level (dBm)	Pol	Limit (dBm)	Margin (dB)
Low Channel				
Measurements are 6 dB below these limits, the measurements are not reported.				
High Channel				
Measurements are 6 dB below these limits, the measurements are not reported.				

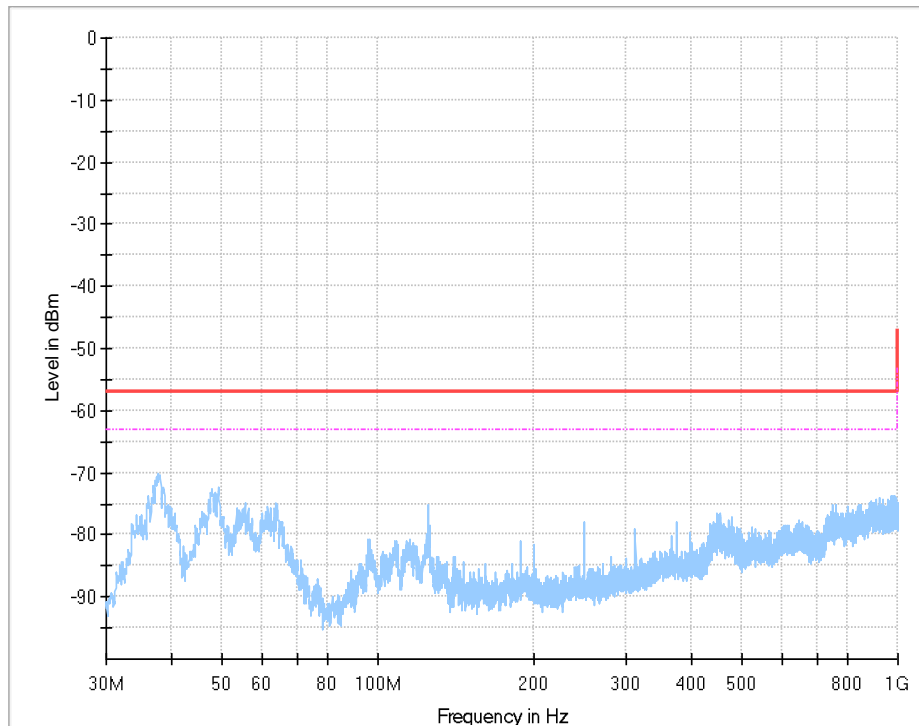
Remark: "H": Horizontal, "V": Vertical


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6.5.2.3 Plots of measurement data



Low Channel - Receiving Mode (Below 1 GHz)



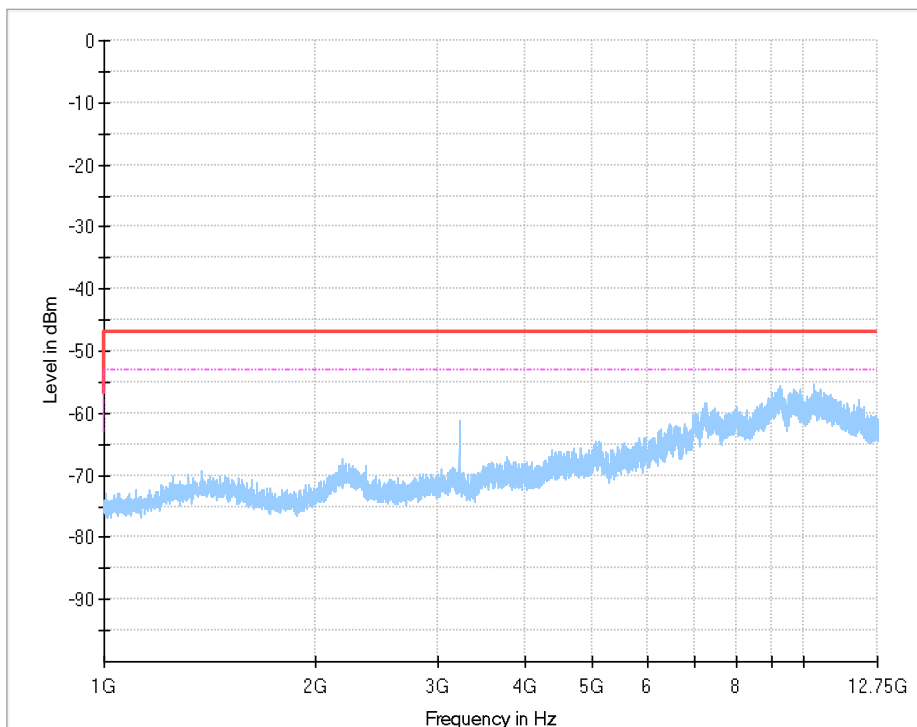
High Channel - Receiving Mode (Below 1 GHz)

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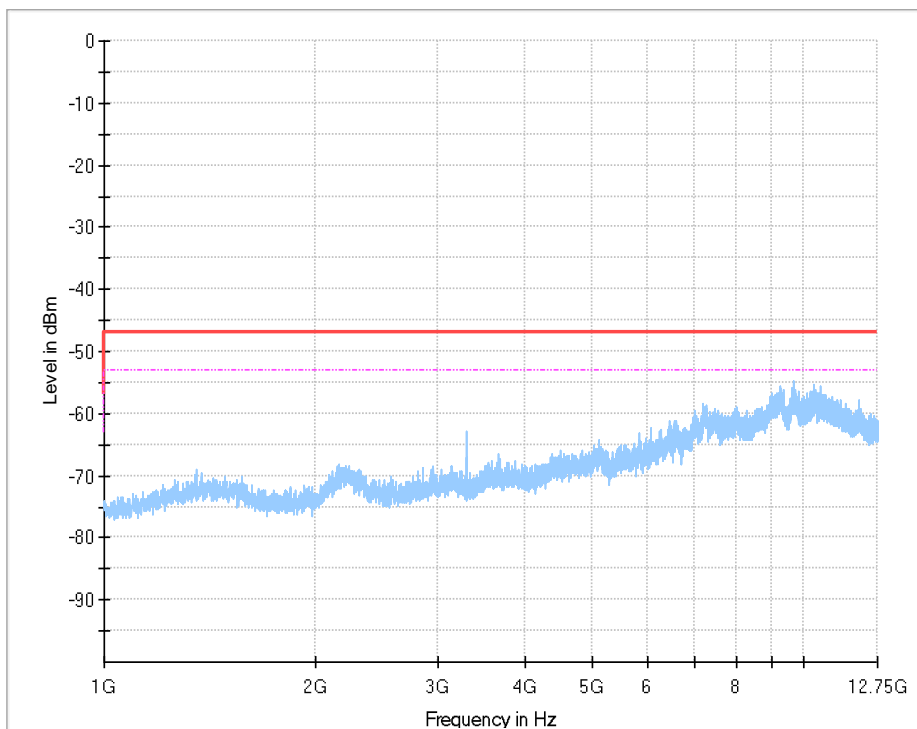
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Low Channel - Receiving Mode (Above 1 GHz)



High Channel - Receiving Mode (Above 1 GHz)

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6.5.3 Test data for 802.11n_HT20

6.5.3.1 Test data (Below 1 GHz)

- . Test Date : May 21, 2020 ~ May 25, 2020
- . Resolution bandwidth : 100 kHz
- . Frequency range : 30 MHz ~ 1 GHz
- . Operating condition : Receiving Mode
- . Measurement distance : 3 m

Frequency (MHz)	Level (dBm)	Pol	Limit (dBm)	Margin (dB)
Low Channel				
Measurements are 6 dB below these limits, the measurements are not reported.				
High Channel				
Measurements are 6 dB below these limits, the measurements are not reported.				

Remark: "H": Horizontal, "V": Vertical

10.5.3.2 Test data (Above 1 GHz)

- . Test Date : May 21, 2020 ~ May 25, 2020
- . Resolution bandwidth : 1 MHz
- . Frequency range : 1 GHz ~ 12.75 GHz
- . Operating condition : Receiving Mode
- . Measurement distance : 3 m

Frequency (MHz)	Level (dBm)	Pol	Limit (dBm)	Margin (dB)
Low Channel				
Measurements are 6 dB below these limits, the measurements are not reported.				
High Channel				
Measurements are 6 dB below these limits, the measurements are not reported.				

Remark: "H": Horizontal, "V": Vertical



Tested by: Hyung-Kwon, Oh / Assistant Manager

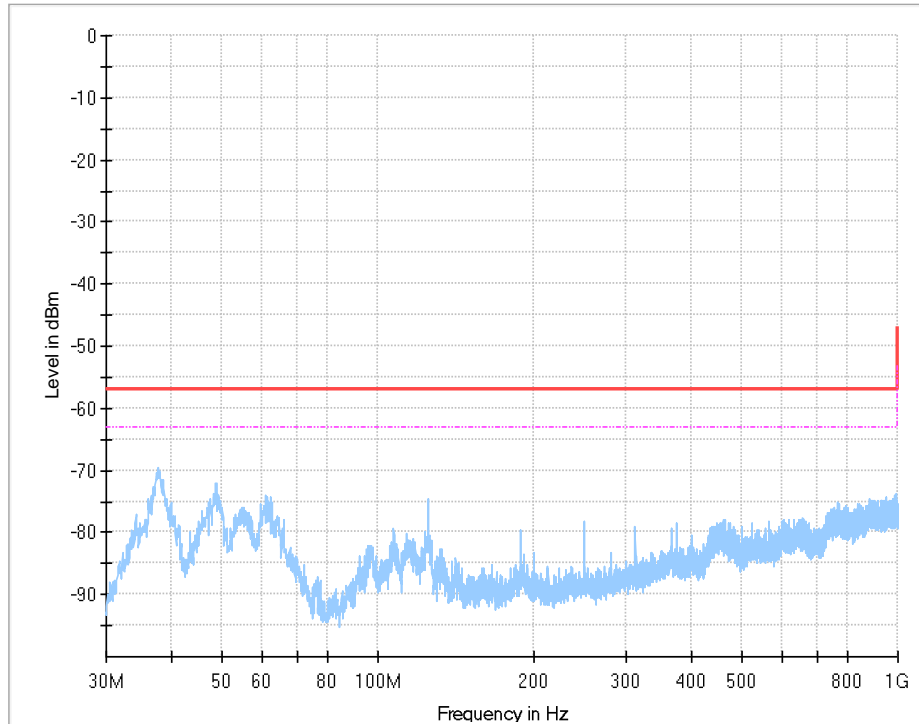
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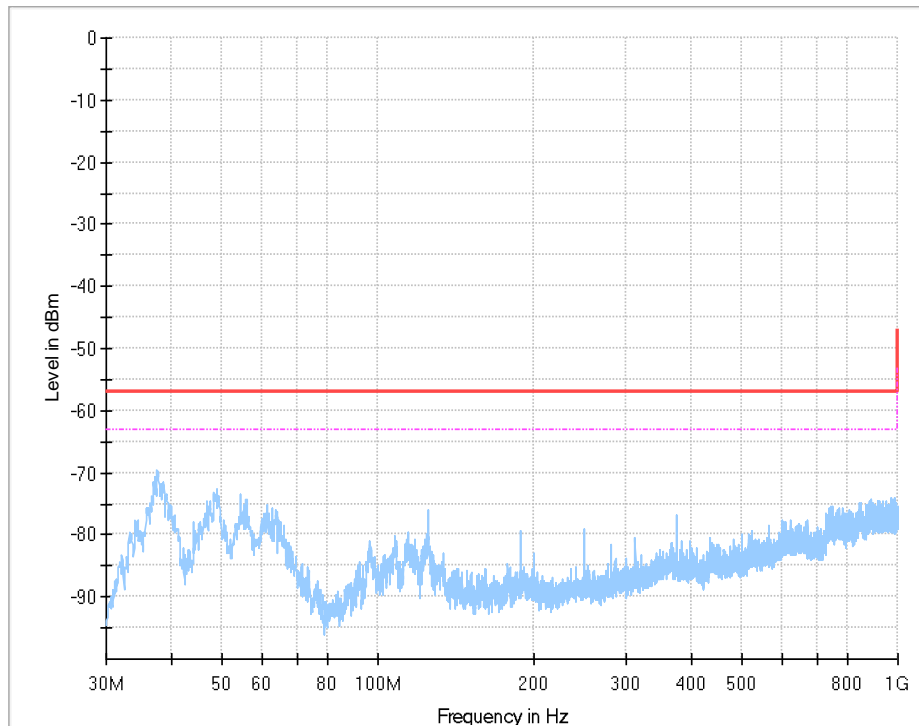
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6.5.3.3 Plots of measurement data



Low Channel - Receiving Mode (Below 1 GHz)

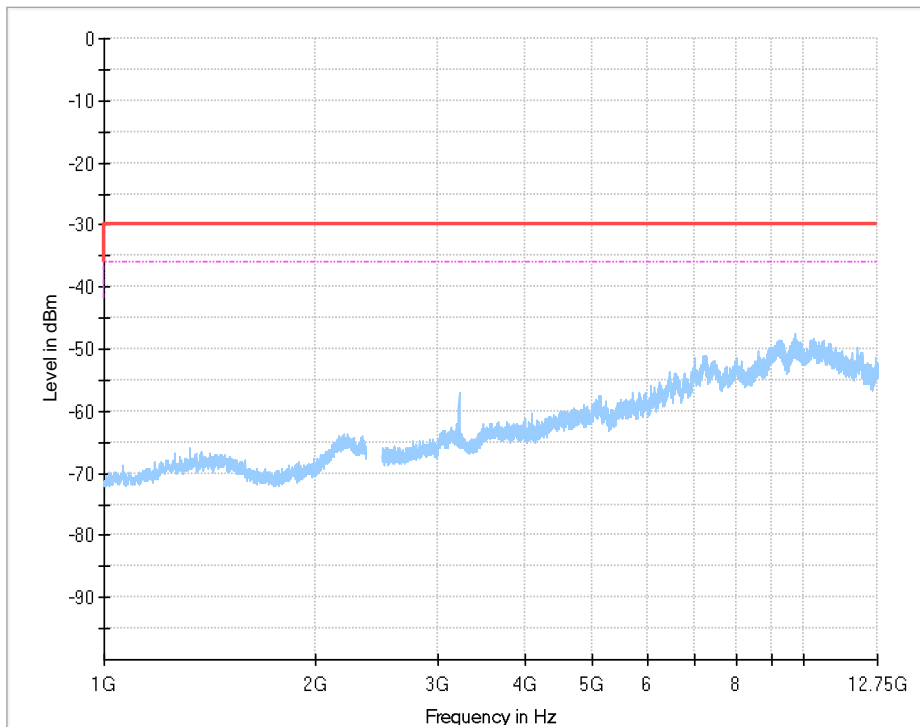


High Channel - Receiving Mode (Below 1 GHz)

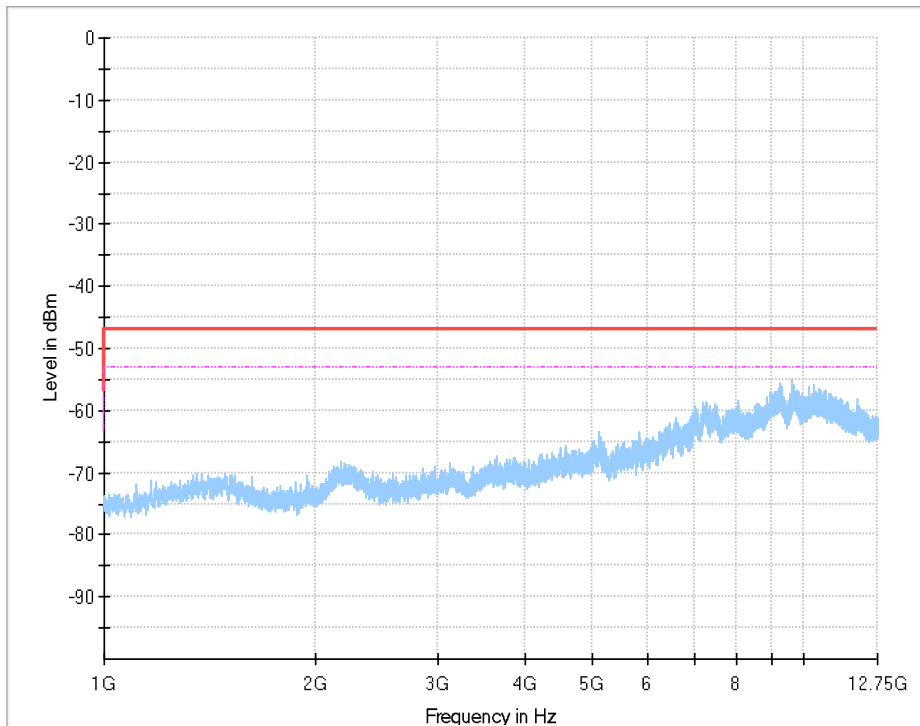
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Low Channel - Receiving Mode (Above 1 GHz)



High Channel - Receiving Mode (Above 1 GHz)

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6.6 Limit

Subclause: 4.3.2.10.3 Table 13

Frequency (MHz)	Maximum power, e.r.p.	Measurement bandwidth
30 MHz to 1 GHz	-57 dBm	100 kHz
1 GHz to 12.75 GHz	-47 dBm	1 MHz



Tested by: Hyung-Kwon, Oh / Assistant Manager

APPENDIX I - TEST SET-UP PHOTO

