FCC 47 CFR PART 15 SUBPART C

CERTIFICATION TEST REPORT

For

Air Fryer

FCC MODEL NUMBER: AF600, F6W, AF60T, AF600TM, AF600QM

ISED MODEL NUMBER: AF600, F6W

PROJECT NUMBER: 4789851267

REPORT NUMBER: 4789851267-1

FCC ID: 2AQ3A-KY06
IC: 24268-KY06

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Prepared for

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Prepared by

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	07/06/2021	Initial Issue	

TABLE OF CONTENTS

1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name:	Shenzhen VanTop Technology & Innovation Co., Ltd.
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Manufacturer Information

Company Name:	Ningbo Jumeng Intelligent Technology Co., Ltd.
Address:	No.599 Guanfu South Road, Guanhaiwei Town, Cixi City, Ningbo, Zhejiang, P.R China

EUT Description

Product Name:	Air Fryer
FCC Model Name:	AF600, F6W, AF60T, AF600TM, AF600QM
ISED Model Name:	AF600, F6W
Sample Number:	3812696
Data of Receipt Sample:	Apr. 14, 2021
Test Date:	May. 10, 2021 ~ Jun. 30, 2021

APPLICABLE STANDARDS	
STANDARD	**TEST RESULTS**
CFR 47 Part 15 Subpart C	PASS

Summary of Test Results			
Clause	Test Items	FCC Rules	Test Results
1	6db DTS Bandwidth	FCC 15.247 (a) (2)	PASS
2	Conducted Power	FCC 15.247 (b) (3)	PASS
3	Power Spectral Density	FCC 15.247 (e)	PASS
4	Conducted Band edge And Spurious emission	FCC 15.247 (d)	PASS
5	Radiated Band edges and Spurious emission	FCC 15.247 (d) FCC 15.209 FCC 15.205	PASS
6	Conducted Emission Test For AC Power Port	FCC 15.207	PASS
7	Antenna Requirement	FCC 15.203	PASS
Remark: 1) The measurement result for the sample received is <Pass> according to < ANSI C63.10-2013, FCC CFR 47 Part 2, FCC CFR 47 Part 15C> when <Accuracy Method> decision rule is applied.			

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2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with FCC KDB 558074 D01 15.247 Meas Guidance v05r02, KDB 414788 D01 Radiated Test Site v01r01, ANSI C63.10-2013, FCC CFR 47 Part 2, FCC CFR 47 Part 15, ISED RSS-GEN and ISED RSS-247.

3. FACILITIES AND ACCREDITATION

Accreditation Certificate	**A2LA (Certificate No.: 4829.01)** **UL-CCIC COMPANY LIMITED has been assessed and proved to be in compliance with A2LA.** **FCC (FCC Designation No.: CN1247)** **UL-CCIC COMPANY LIMITED has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules.** **IC (IC Designation No.: 25056 CAB No.: CN0073)** **UL-CCIC COMPANY LIMITED has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules.**

Note 1: All tests measurement facilities use to collect the measurement data are located at No. 2, Chengwan Road, Suzhou Industrial Park, Suzhou 215122, People's Republic of China

Note 2: For below 30MHz, lab had performed measurements at test anechoic chamber and comparing to measurements obtained on an open field site. These measurements below 30MHz had been correlated to measurements performed on an OFS.

Note 3: The test anechoic chamber in UL-CCIC COMPANY LIMITED had been calibrated and compared to the open field sites and the test anechoic chamber is shown to be equivalent to or worst case from the open field site.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

4.2. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test Item	Uncertainty
Conduction emission	3.1dB
Radiation Emission test(include Fundamental emission) (9KHz-30MHz)	3.3dB
Radiation Emission test(include Fundamental emission) (30MHz-1GHz)	3.3dB
Radiation Emission test (1GHz to 26GHz)(include Fundamental emission)	3.9dB (1GHz-18Gz)
	4.2dB (18GHz-26.5Gz)
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

Product Name:	Air Fryer
Model No.:	AF600
Operating Frequency:	IEEE 802.11b/g/n(HT20): 2412MHz to 2462MHz
Type of Modulation:	IEEE for 802.11b: DSSS (CCK, DQPSK, DBPSK) IEEE for 802.11g: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE for 802.11n HT20: OFDM (64QAM, 16QAM, QPSK, BPSK)
Channels Step:	Channels with 5MHz step
Sample Type:	Fixed production
Test power grade:	N/A
Test software of EUT:	UI_mptool (manufacturer declare)
Antenna Type:	PCB Antenna
Antenna Gain:	2.5 dBi

Remark:
Model No.:

No.:	Name:	No.:	Name:	No.:	Name:
1	AF600	2	F6W	3	AF60T
4	AF600TM	5	AF600QM		

Only the main model AF600 was tested and only the data of this model is shown in this test report. Since Their material, types of encloser, antenna location, electrical circuit design, layout, components used and internal wiring are identical, only the model name and software are different and the user can't change the RF parameters or others access the software setting.

5.2. MAXIMUM OUTPUT POWER

Number of Transmit Chains (NTX)	IEE Std. 802.11	Channel Number	Max AVG Conducted Power (dBm)
1	IEEE 802.11B	1-11[11]	15.91
1	IEEE 802.11G	1-11[11]	12.16
1	IEEE 802.11nHT20	1-11[11]	12.12

5.3. CHANNEL LIST

Channel List for 802.11b/g/n (20 MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2412	4	2427	7	2442	10	2457
2	2417	5	2432	8	2447	11	2462
3	2422	6	2437	9	2452		

5.4. TEST CHANNEL CONFIGURATION

Test Mode	Test Channel (MHz)
IEEE 802.11B	LCH: CH01 2412
	MCH: CH06 2437
	HCH: CH11 2462
IEEE 802.11G	LCH: CH01 2412
	MCH: CH06 2437
	HCH: CH11 2462
IEEE 802.11n HT20	LCH: CH01 2412
	MCH: CH06 2437
	HCH: CH11 2462

5.5. THE WORSE CASE POWER SETTING PARAMETER

The Worse Case Power Setting Parameter under 2400 ~ 2483.5MHz Band							
Test Software		SecureCRT					
Modulation Mode	Transmit Antenna Number	Test Channel					
		NCB: 20MHz			NCB: 40MHz		
		CH 1	CH 6	CH 11	CH 3	CH 6	CH 9
802.11b	1	N/A	N/A	N/A	/		
802.11g	1	N/A	N/A	N/A			
802.11n HT20	1	N/A	N/A	N/A			

5.6. DESCRIPTION OF AVAILABLE ANTENNAS

Ant.	Frequency (MHz)	Antenna Type	Antenna Gain (dBi)
1	2400-2483.5	PCB Antenna	2.5

Test Mode	Transmit and Receive Mode	Description
IEEE 802.11b	☒1TX, 1RX	Antenna1 can be used as transmitting/receiving antenna independently.
IEEE 802.11g	☒1TX, 1RX	Antenna1 can be used as transmitting/receiving antenna independently.
IEEE 802.11N (HT20)	☒1TX, 1RX	Antenna1 can be used as transmitting/receiving antenna independently.

5.7. THE WORSE CASE CONFIGURATIONS

For WIFI module, the worst-case data rates as provided by the client were:

802.11b mode: 1 Mbps
802.11g mode: 6 Mbps
802.11n HT20 mode: MCS0

5.8. TEST ENVIRONMENT

Environment Parameter	Selected Values During Tests	
Relative Humidity	55 ~ 65%	
Atmospheric Pressure:	1025Pa	
Temperature	TN	20 ~ 28°C
Voltage :	VL	N/A
	VN	AC 120V
	VH	N/A

Note: VL= Lower Extreme Test Voltage
VN= Nominal Voltage
VH= Upper Extreme Test Voltage
TN= Normal Temperature

5.10. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Item	Equipment	Brand Name	Model Name	Description
1	Laptop	ThinkPad	E590	N/A

I/O PORT

Cable No	Port	Connector Type	Cable Type	Cable Length(m)	Remarks
1	USB	USB to TTL	USB	100cm Length	N/A

ACCESSORY

Item	Accessory	Brand Name	Model Name	Description
1	N/A	N/A	N/A	N/A

TEST SETUP

The EUT can work in an engineer mode with a software through a table PC.

SETUP DIAGRAM FOR TESTS

5.12. MEASURING INSTRUMENT AND SOFTWARE USED

Conducted Emissions (Instrument**)**							
Used	Equipment	Manufacturer	Model No.	Serial No.	Upper Last Cal.	Last Cal.	Next Cal.
☑	EMI Test Receiver	R&S	ESR3	126700	2019-12-12	2020-12-11	2021-12-10
☑	Two-Line V-Network	R&S	ENV216	126701	2019-12-12	2020-12-11	2021-12-10
☑	Artificial Mains Networks	R&S	ENY81	126711	2019-12-12	2020-12-11	2021-12-10
Software							
Used	Description		Manufacturer	Name	Version		
☑	Test Software for Conducted disturbance		R&S	EMC32	Ver. 9.25		
Radiated Emissions (Instrument**)**							
Used	Equipment	Manufacturer	Model No.	Serial No.	Upper Last Cal.	Last Cal.	Next Cal.
☑	Spectrum Analyzer	Keysight	N9010B	MY57110128	2020-05-28	2021-05-27	2022-05-26
☑	EMI test receiver	R&S	ESR26	126703	2020-12-21	2021-12-20	2022-12-19
☑	Receiver Antenna (9kHz-30MHz)	Schwarzbeck	FMZB 1513	513-265	2020-06-15	2021-06-14	2022-06-13
☑	Receiver Antenna (30MHz-1GHz)	SunAR RF Motion	JB1	126704	N/A	2019-01-28	2022-01-27
☑	Receiver Antenna (1GHz-18GHz)	R&S	HF907	126705	2020-01-26	2021-01-25	2022-01-24
☑	Receiver Antenna (18GHz-26.5GHz)	Schwarzbeck	BBHA9170	126706	2020-02-05	2021-02-04	2022-02-03
☑	Receiver Antenna (26.5GHz-40GHz)	TOYO	HAP 26-40W	00000012	2020-07-22	2021-07-21	2022-07-20
☑	Pre-amplification (To 1GHz)	R&S	SCU-03D	134666	2020-02-05	2021-02-04	2022-02-03
☑	Pre-amplification (To 18GHz)	Compliance Direction System Inc.	PAP-1G18-50	14140-13467	2020-03-17	2021-03-16	2022-03-15
☑	Pre-amplification (To 26.5GHz)	R&S	SCU-26D	134668	2020-02-05	2021-02-04	2022-02-03
☑	Band Reject Filter	Wainwright	WRCJV8-2350-2400-2483.5-2533.5-40SS	1	2020-05-28	2021-05-27	2022-05-26
☑	Highpass Filter	Wainwright	WHKX10-2700-3000-18000-40SS	2	2020-05-28	2021-05-27	2022-05-26
Software							
Used	Description		Manufacturer	Name	Version		
☑	Test Software for Radiated disturbance		Tonscend	JS32	V1.0		
Other instruments							
Used	Equipment	Manufacturer	Model No.	Serial No.	Upper Last Cal.	Last Cal.	Next Cal.
☑	Spectrum Analyzer	Keysight	N9010B	MY57110128	2020-05-28	2021-05-27	2022-05-26
☑	Power Meter	Keysight	U2021XA	MY57110002	2020-06-11	2021-06-10	2022-06-09

6. MEASUREMENT METHODS

No.	Test Item	KDB Name	Section
1	6dB Bandwidth	KDB 558074 D01 15.247 Meas Guidance v05r02	8.2
2	Output Power	KDB 558074 D01 15.247 Meas Guidance v05r02	8.3.1.3/8.3.2.3
3	Power Spectral Density	KDB 558074 D01 15.247 Meas Guidance v05r02	8.4
4	Out-of-band emissions in non-restricted bands	KDB 558074 D01 15.247 Meas Guidance v05r02	8.5
5	Out-of-band emissions in restricted bands	KDB 558074 D01 15.247 Meas Guidance v05r02	8.6
6	Band-edge	KDB 558074 D01 15.247 Meas Guidance v05r02	8.7
7	Conducted Emission Test For AC Power Port	ANSI C63.10-2013	6.2

7. ANTENNA PORT TEST RESULTS

7.1. ON TIME AND DUTY CYCLE

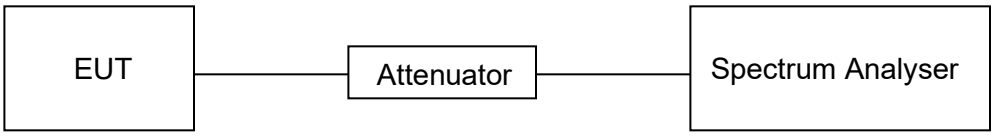
LIMITS

None; for reporting purposes only

PROCEDURE

FCC KDB 558074 Zero-Span Spectrum Analyzer Method

TEST SETUP



TEST ENVIRONMENT

Temperature	21°C	Relative Humidity	56%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V

TEST RESULTS TABLE

Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (db)	1/T Minimum VBW (kHz)	Final VBW (kHz)
11B	100.3	100.3	1	100%	0	0.01	0.01
11G	100.3	100.3	1	100%	0	0.01	0.01
802.11n HT20	100.3	100.3	1	100%	0	0.01	0.01

Note: 1) Duty Cycle Correction Factor=10log(1/x).
2) Where: x is Duty Cycle(Linear)
3) Where: T is On Time (transmit duration)

TEST GRAPHS

11B ON TIME AND DUTY CYCLE MID CH (WORSE CASE)

11G ON TIME AND DUTY CYCLE MID CH (WORSE CASE)

11N (HT20) ON TIME AND DUTY CYCLE MID CH (WORSE CASE)

7.2. 6 dB BANDWIDTH AND 99% OCCUPIED BANDWIDTH

LIMITS

FCC Part15 (15.247), Subpart C			
Section	Test Item	Limit	Frequency Range (MHz)
CFR 47 FCC 15.247(a)(2) ISED RSS-247 5.2 (a)	6dB Bandwidth	>= 500KHz	2400-2483.5
ISED RSS-Gen Clause 6.7	99 % Occupied Bandwidth	For reporting purposes only	2400-2483.5

TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 11.8 for DTS bandwidth and clause 6.9 for Occupied Bandwidth.

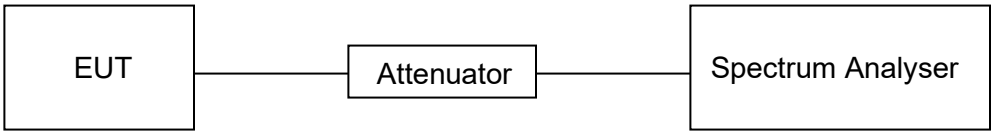
Connect the EUT to the spectrum analyser and use the following settings:

Center Frequency	The centre frequency of the channel under test
Frequency Span	Between 0.5 times and 1.5 times the OBW
Detector	Peak
RBW	For 6 dB Bandwidth: 100 kHz For 99 % Occupied Bandwidth: 1 % to 5 % of the occupied bandwidth
VBW	For 6 dB Bandwidth: ≥3 × RBW For 99 % Occupied Bandwidth: ≥3 × RBW
Trace	Max hold
Sweep	Auto couple

a) Use the 99 % power bandwidth function of the instrument, allow the trace to stabilize and report the measured bandwidth.

b) Allow the trace to stabilize and measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission..

TEST SETUP



TEST ENVIRONMENT

Temperature	21°C	Relative Humidity	56%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V

TEST RESULTS TABLE

Test Mode	Test Channel	6dB bandwidth (MHz)	99% bandwidth (MHz)	Result
11B	LCH	9.092	14.052	Pass
	MCH	9.082	14.041	Pass
	HCH	9.092	14.049	Pass
11G	LCH	16.54	16.668	Pass
	MCH	16.56	16.653	Pass
	HCH	16.56	16.682	Pass
11N HT20	LCH	17.80	17.819	Pass
	MCH	17.77	17.814	Pass
	HCH	17.76	17.817	Pass

TEST GRAPHS

6dB Bandwdith

Test Mode	Test Channel	Verdict
11B	LCH	PASS

Test Mode	Test Channel	Verdict
11B	MCH	PASS

Test Mode	Test Channel	Verdict
11B	HCH	PASS

Test Mode	Test Channel	Verdict
11G	LCH	PASS

Test Mode	Test Channel	Verdict
11G	MCH	PASS

Test Mode	Test Channel	Verdict
11G	HCH	PASS

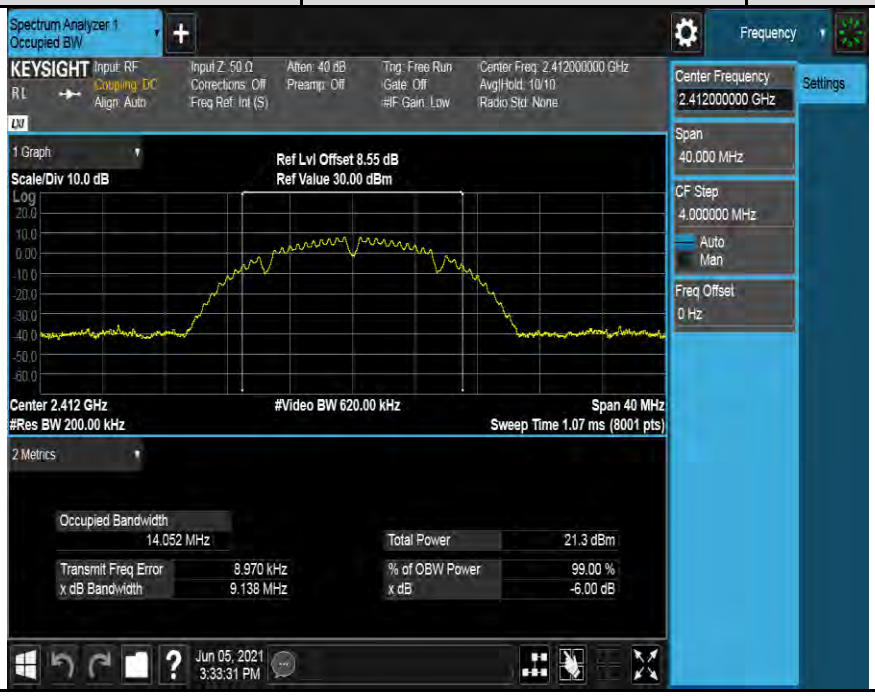
Test Mode	Test Channel	Verdict
11N HT20	LCH	PASS

Test Mode	Test Channel	Verdict
11N HT20	MCH	PASS

Test Mode	Test Channel	Verdict
11N HT20	HCH	PASS

99% Bandwidth

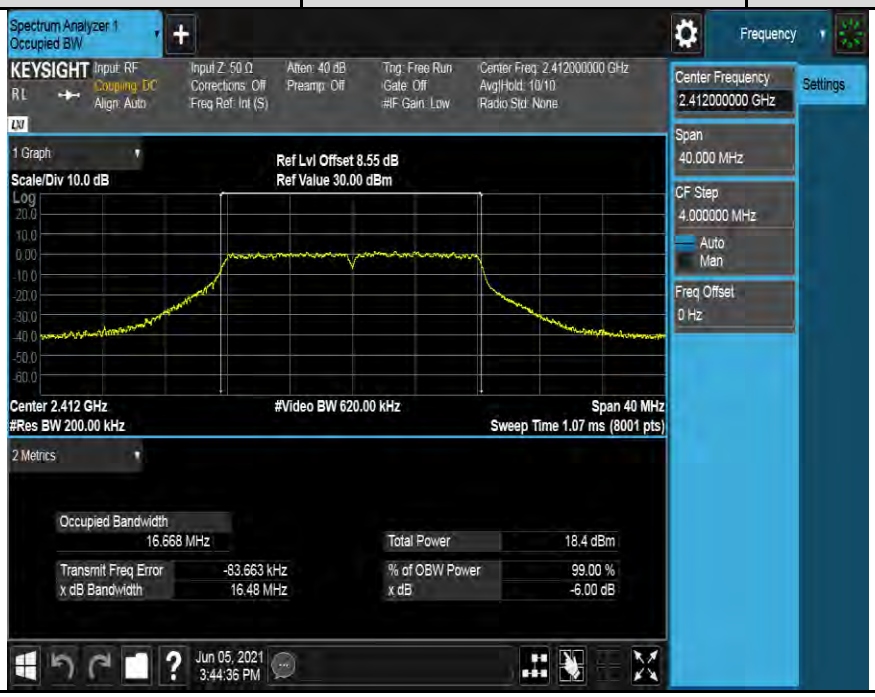
Test Mode	Test Channel	Verdict
11B	LCH	PASS



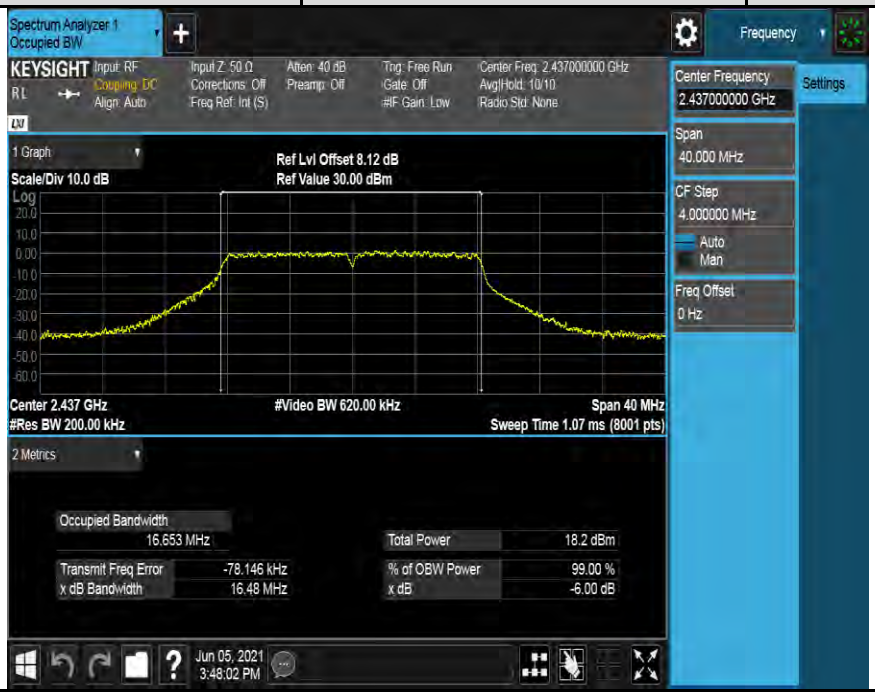
Test Mode	Test Channel	Verdict
11B	MCH	PASS

Test Mode	Test Channel	Verdict
11B	HCH	PASS

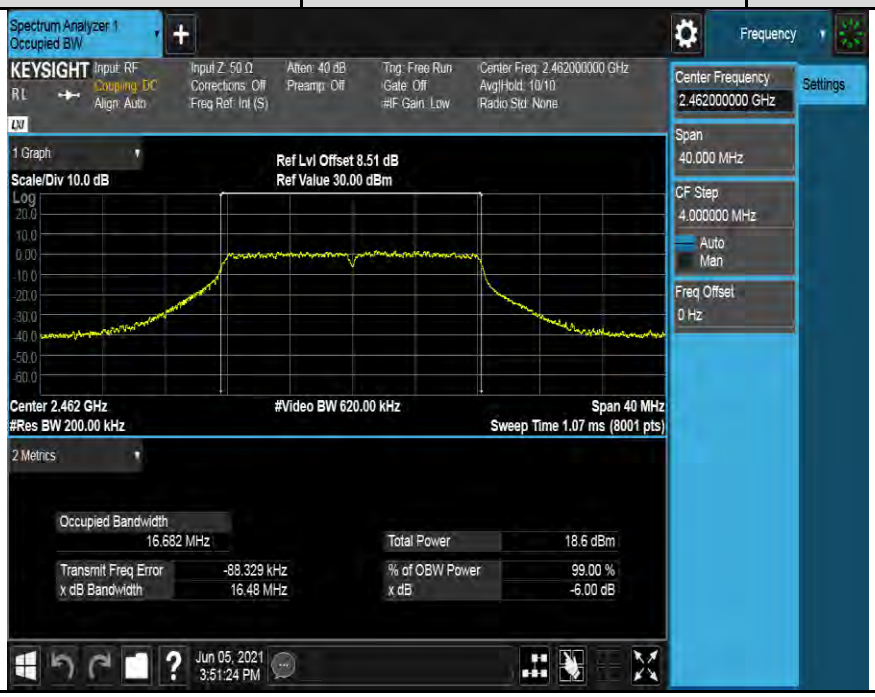
Test Mode	Test Channel	Verdict
11G	LCH	PASS



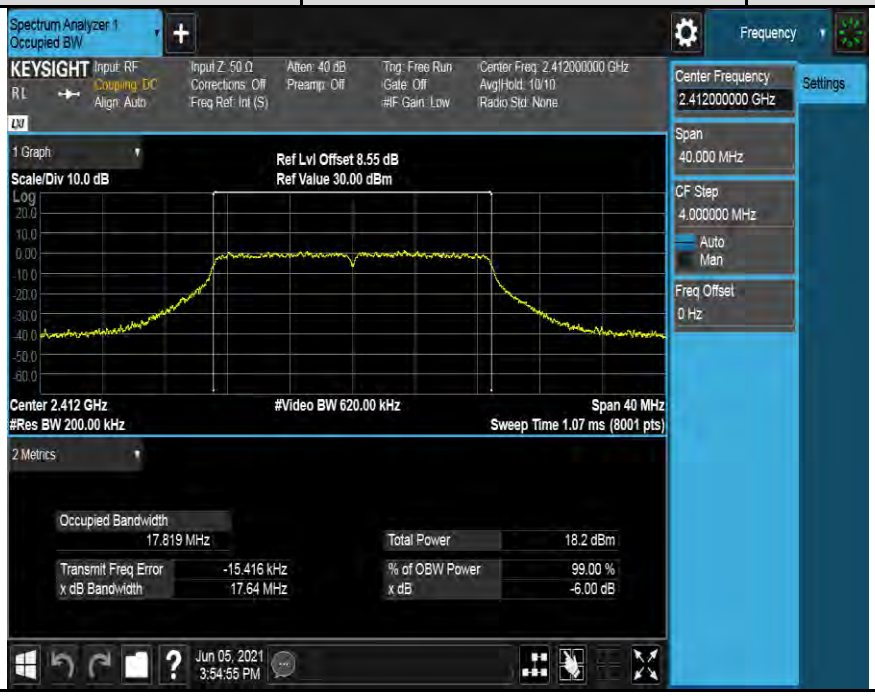
Test Mode	Test Channel	Verdict
11G	MCH	PASS



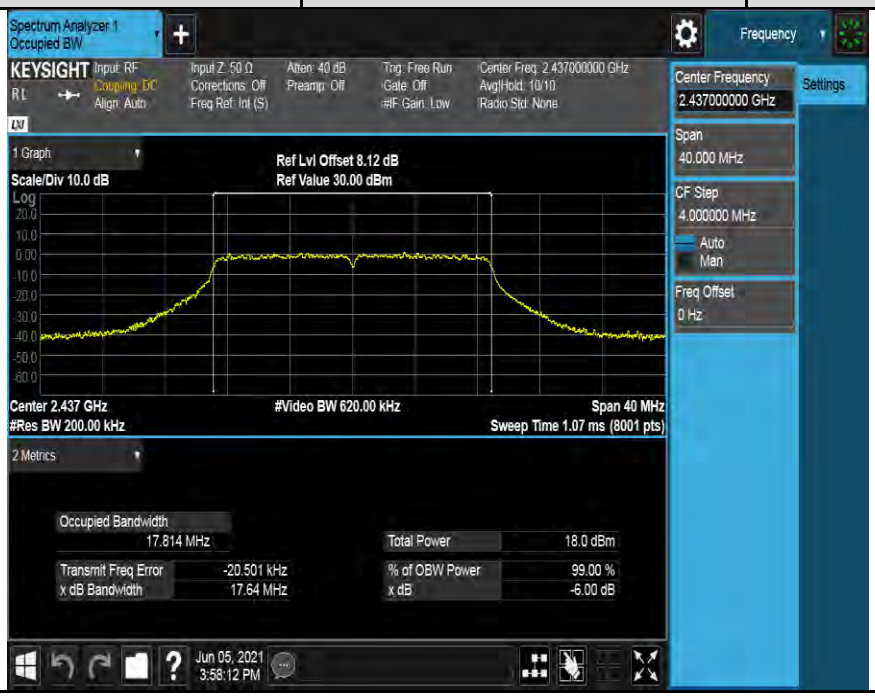
Test Mode	Test Channel	Verdict
11G	HCH	PASS



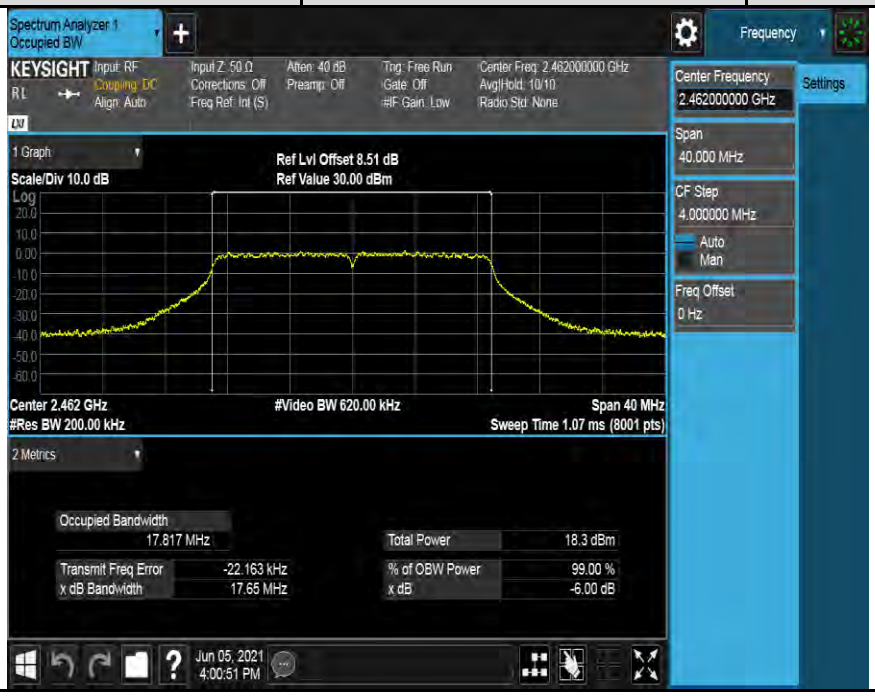
Test Mode	Test Channel	Verdict
11N HT20	LCH	PASS



Test Mode	Test Channel	Verdict
11N HT20	MCH	PASS



Test Mode	Test Channel	Verdict
11N HT20	HCH	PASS



7.3. CONDUCTED OUTPUT POWER

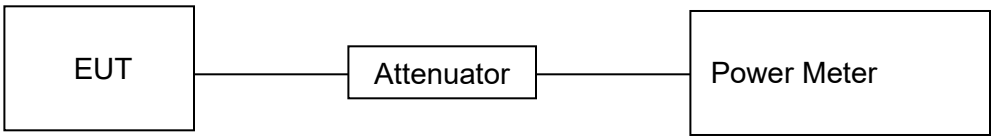
LIMITS

FCC Part15 (15.247), Subpart C			
Section	Test Item	Limit	Frequency Range (MHz)
FCC 15.247(b)(3)	Output Power	1 watt or 30dBm	2400-2483.5

TEST PROCEDURE

Place the EUT on the table and set it in the transmitting mode.
Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the Power sensor.
Measure the power of each channel.
Peak Detector use for Peak result.
AVG Detector use for AVG result.

TEST SETUP



TEST ENVIRONMENT

Temperature	21°C	Relative Humidity	56%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V

TEST RESULTS TABLE

Test Mode	Test Channel	Maximum Conducted Output Power (AV)	LIMIT
		dBm	dBm
11B	LCH	15.91	30
	MCH	15.36	30
	HCH	15.61	30
11G	LCH	12.00	30
	MCH	11.83	30
	HCH	12.16	30
11n HT20	LCH	12.05	30
	MCH	11.79	30
	HCH	12.12	30

7.4. POWER SPECTRAL DENSITY

LIMITS

FCC Part15 (15.247), Subpart C			
Section	Test Item	Limit	Frequency Range (MHz)
FCC §15.247 (e)	Power Spectral Density	8 dBm/3 kHz	2400-2483.5

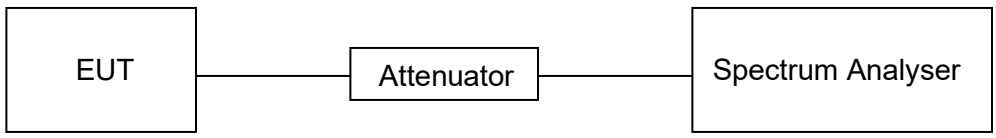
TEST PROCEDURE

Refer to FCC KDB 558074, connect the UUT to the spectrum analyser and use the following settings:

Center Frequency	The centre frequency of the channel under test
Detector	Peak
RBW	3 kHz ≤ RBW ≤100 kHz
VBW	≥3 × RBW
Span	1.5 x DTS bandwidth
Trace	Max hold
Sweep time	Auto couple.

Allow trace to fully stabilize and use the peak marker function to determine the maximum amplitude level within the RBW.
If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

TEST SETUP



TEST ENVIRONMENT

Temperature	21°C	Relative Humidity	56%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V

TEST RESULTS TABLE

Test Mode	Test Channel	Maximum Peak power spectral density (dBm/30kHz)	Result
11B	LCH	1.43	Pass
	MCH	0.88	Pass
	HCH	1.07	Pass
11G	LCH	-5.0	Pass
	MCH	-5.15	Pass
	HCH	-4.83	Pass
11n HT20	LCH	-4.35	Pass
	MCH	-4.50	Pass
	HCH	-4.27	Pass

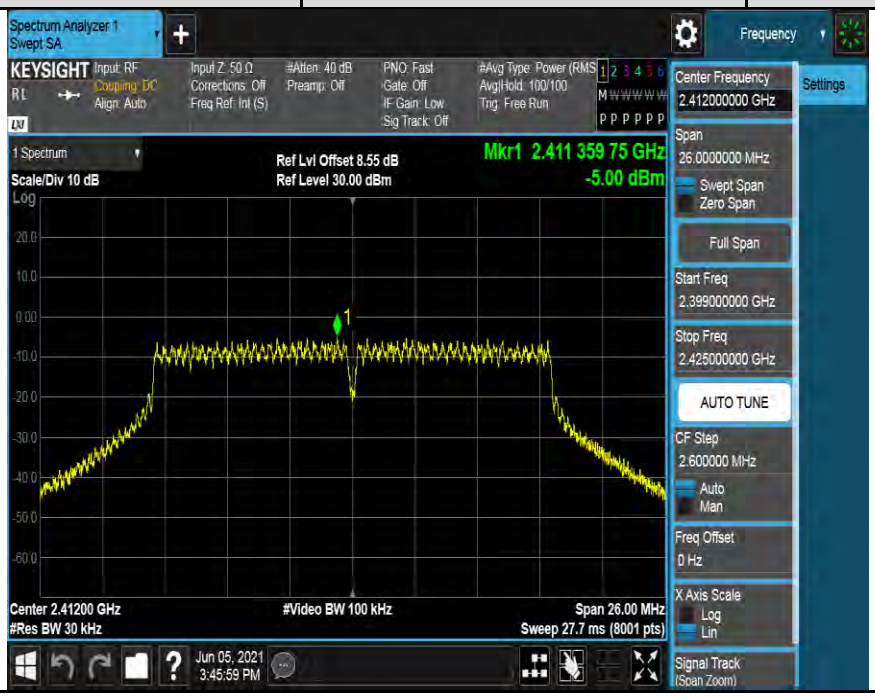
TEST GRAPHS

Test Mode	Test Channel	Verdict
11B	LCH	PASS

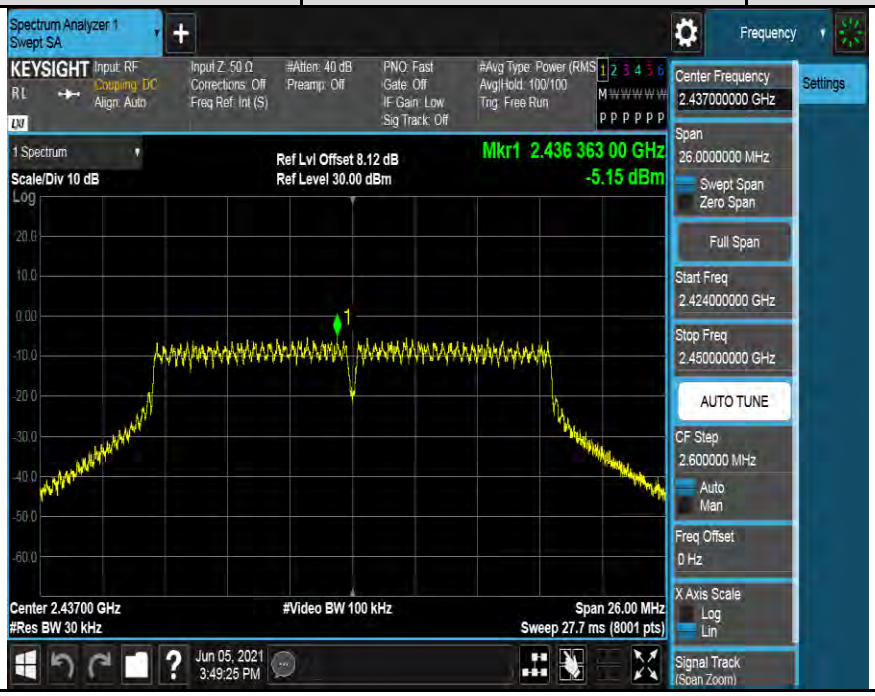
Test Mode	Test Channel	Verdict
11B	MCH	PASS

Test Mode	Test Channel	Verdict
11B	HCH	PASS

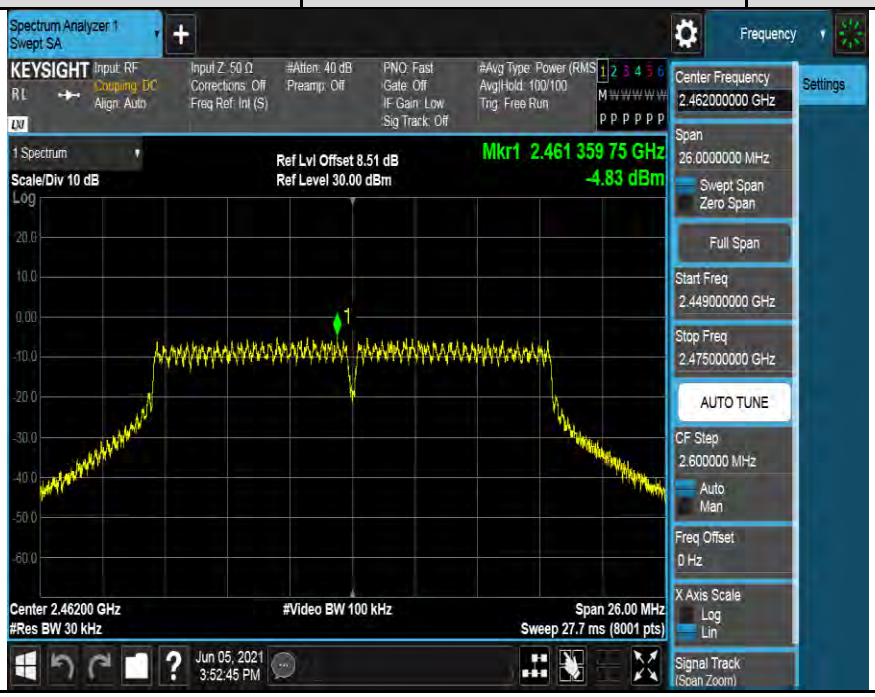
Test Mode	Test Channel	Verdict
11G	LCH	PASS



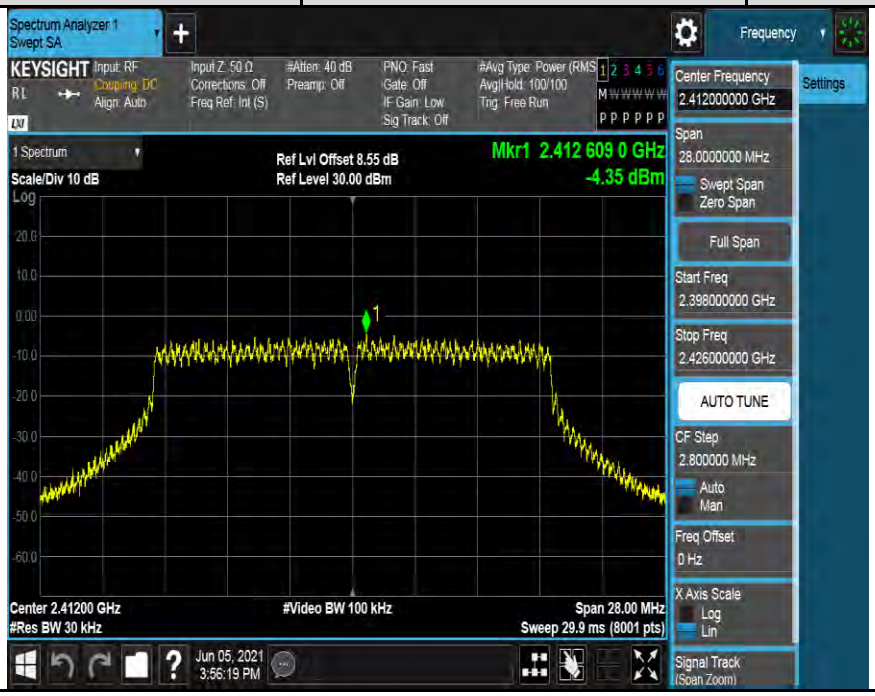
Test Mode	Test Channel	Verdict
11G	MCH	PASS



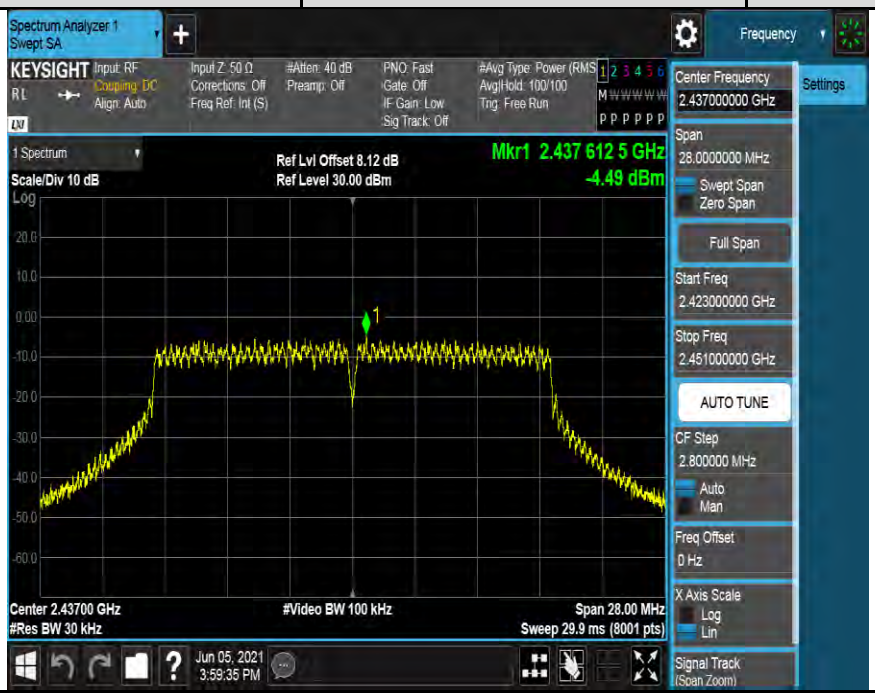
Test Mode	Test Channel	Verdict
11G	HCH	PASS



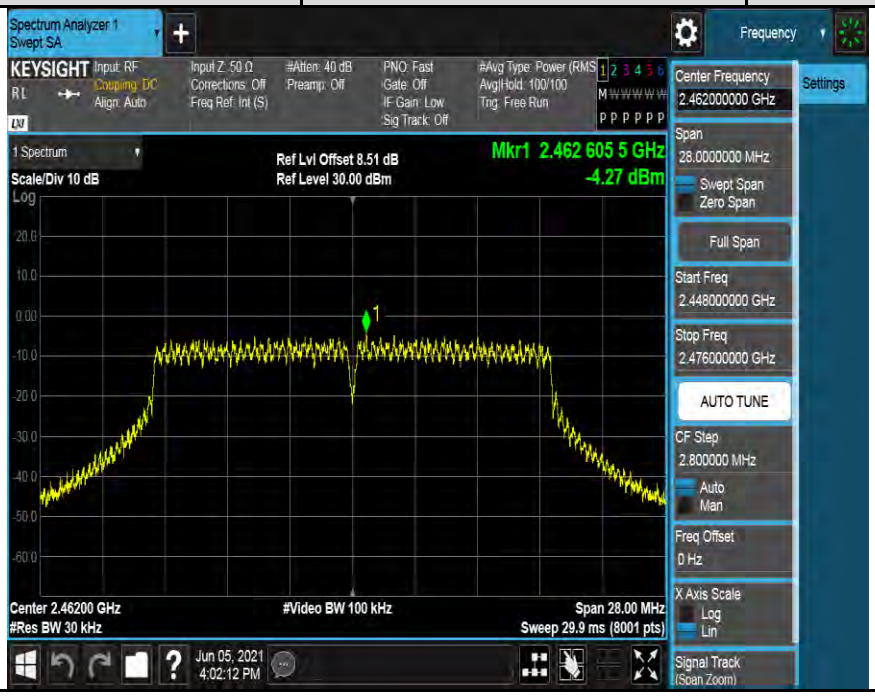
Test Mode	Test Channel	Verdict
11N HT20	LCH	PASS



Test Mode	Test Channel	Verdict
11N HT20	MCH	PASS



Test Mode	Test Channel	Verdict
11N HT20	HCH	PASS



7.5. CONDUCTED BANDEDGE AND SPURIOUS EMISSIONS

LIMITS

FCC Part15 (15.247), Subpart C		
Section	Test Item	Limit
FCC §15.247 (d)	Conducted Bandedge and Spurious Emissions	30 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power

TEST PROCEDURE

Refer to FCC KDB 558074, connect the UUT to the spectrum analyser and use the following

Center Frequency	The centre frequency of the channel under test
Detector	Peak
RBW	100K
VBW	≥3 × RBW
Span	1.5 x DTS bandwidth
Trace	Max hold
Sweep time	Auto couple.

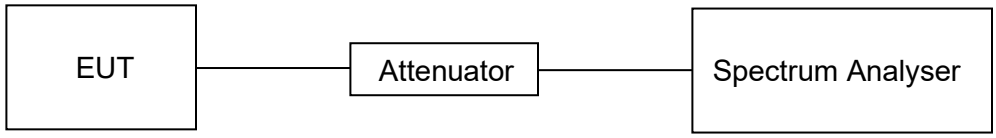
settings:

Use the peak marker function to determine the maximum PSD level.

Span	Set the center frequency and span to encompass frequency range to be measured
Detector	Peak
RBW	100K
VBW	≥3 × RBW
measurement points	≥span/RBW
Trace	Max hold
Sweep time	Auto couple.

Use the peak marker function to determine the maximum amplitude level.

TEST SETUP



TEST ENVIRONMENT

Temperature	21°C	Relative Humidity	56%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V

PART I: CONDUCTED BANDEDGE

TEST RESULTS TABLE

Test Mode	Test Channel	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	6.498	-40.79	-23.50	PASS
	HCH	6.312	-39.92	-23.69	PASS
11G	LCH	-2.067	-41.23	-32.07	PASS
	HCH	-2.139	-39.91	-32.14	PASS
11N HT20	LCH	-1.701	-41.12	-31.70	PASS
	HCH	-1.547	-41.52	-31.55	PASS

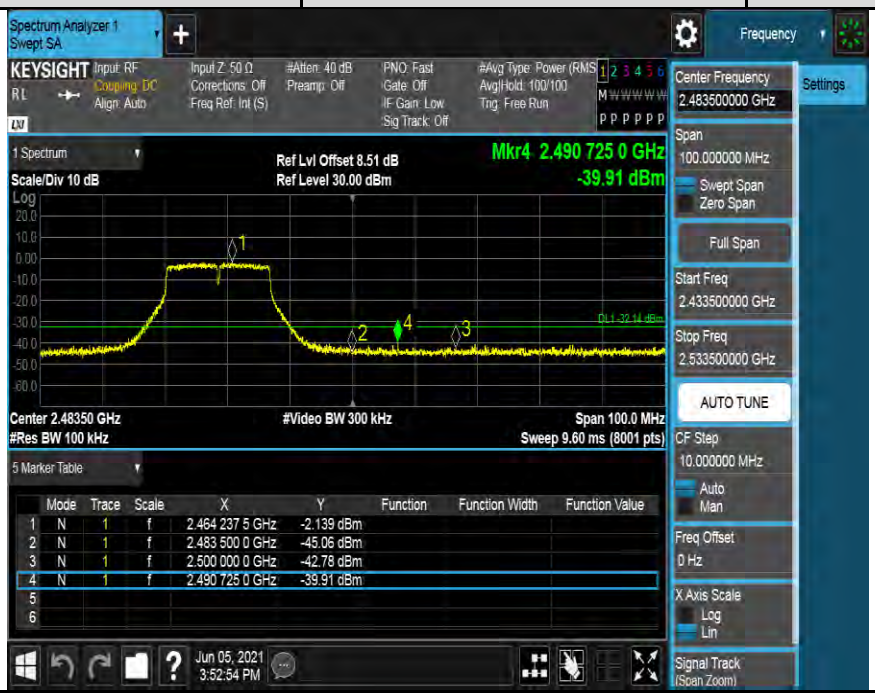
TEST GRAPHS

Test Mode	Test Channel	Verdict
11B	LCH	PASS

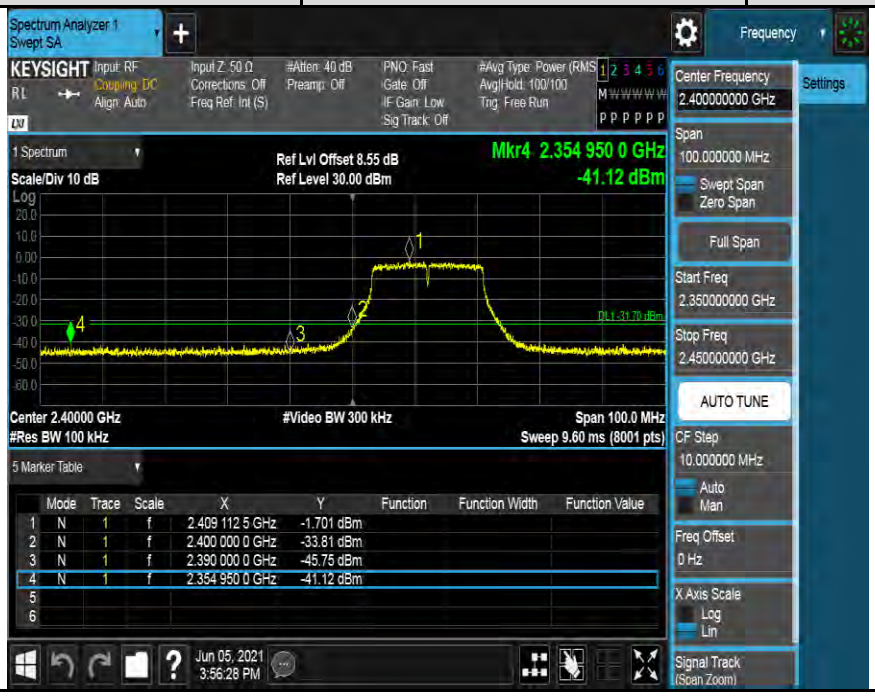
Test Mode	Test Channel	Verdict
11B	HCH	PASS

Test Mode	Test Channel	Verdict
11G	LCH	PASS

Test Mode	Test Channel	Verdict
11G	HCH	PASS



Test Mode	Test Channel	Verdict
11N HT20	LCH	PASS



Test Mode	Test Channel	Verdict
11N HT20	HCH	PASS

PART II: CONDUCTED EMISSION

TEST RESULTS TABLE

Test Mode	Channel	Pref(dBm)	Puw(dBm)	Verdict
11B	LCH	6.33	<Limit	PASS
	MCH	5.95	<Limit	PASS
	HCH	6.22	<Limit	PASS
11G	LCH	-2.15	<Limit	PASS
	MCH	-2.30	<Limit	PASS
	HCH	-2.01	<Limit	PASS
11N HT20	LCH	-1.55	<Limit	PASS
	MCH	-1.77	<Limit	PASS
	HCH	-1.52	<Limit	PASS

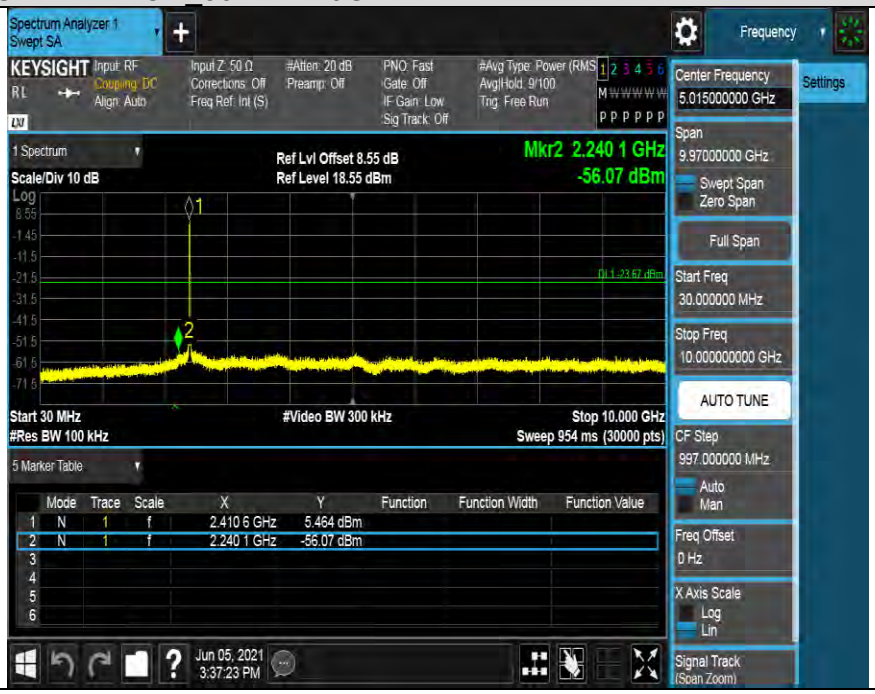
TEST GRAPHS

Test Mode	Channel	Verdict
11B	LCH	PASS

Pref test Plot

LCH SPURIOUS EMISSION

Puw test Plot

LCH SPURIOUS EMISSION_30MHz~10GHz


LCH SPURIOUS EMISSION_10GHz~26GHz


Test Mode	Channel	Verdict
11B	MCH	PASS

Pref test Plot

MCH SPURIOUS EMISSION

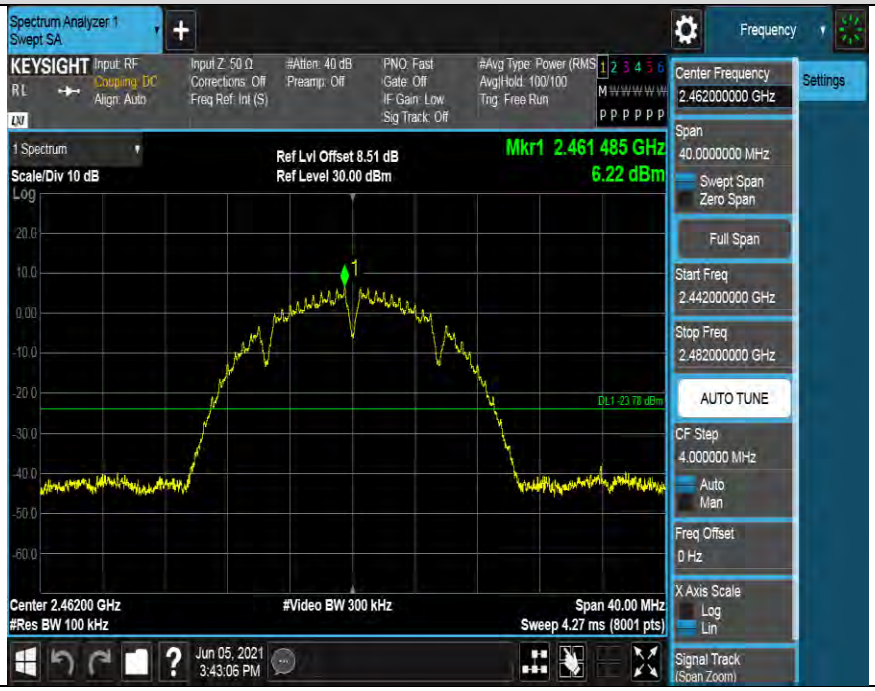
Puw test Plot

MCH SPURIOUS EMISSION_30MHz~10GHz

MCH SPURIOUS EMISSION_10GHz~26GHz

Test Mode	Channel	Verdict
11B	HCH	PASS

Pref test Plot

HCH SPURIOUS EMISSION


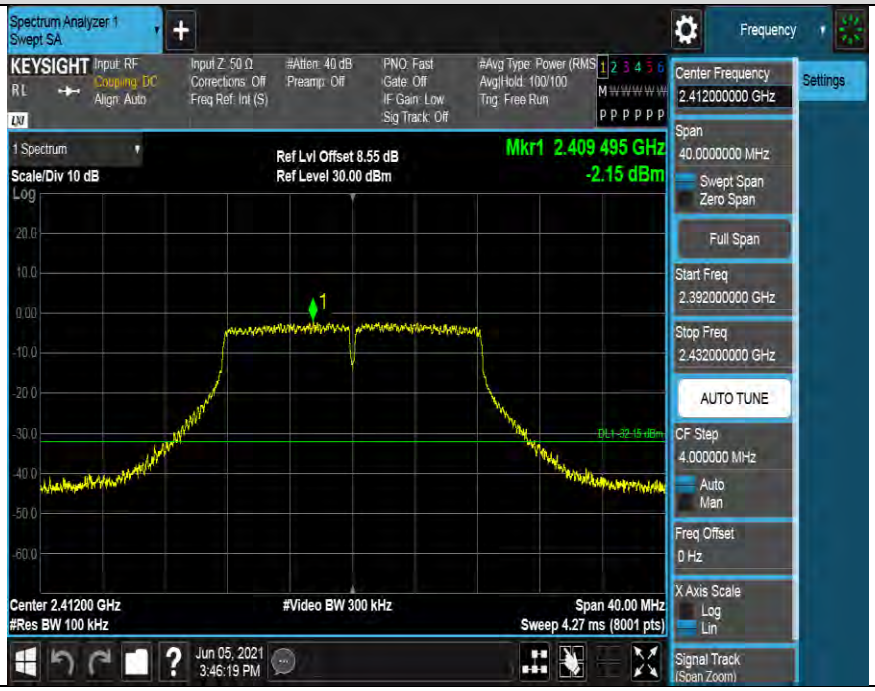
Puw test Plot

HCH SPURIOUS EMISSION_30MHz~10GHz

HCH SPURIOUS EMISSION_10GHz~26GHz

Test Mode	Channel	Verdict
11G	LCH	PASS

Pref test Plot

LCH SPURIOUS EMISSION


Puw test Plot

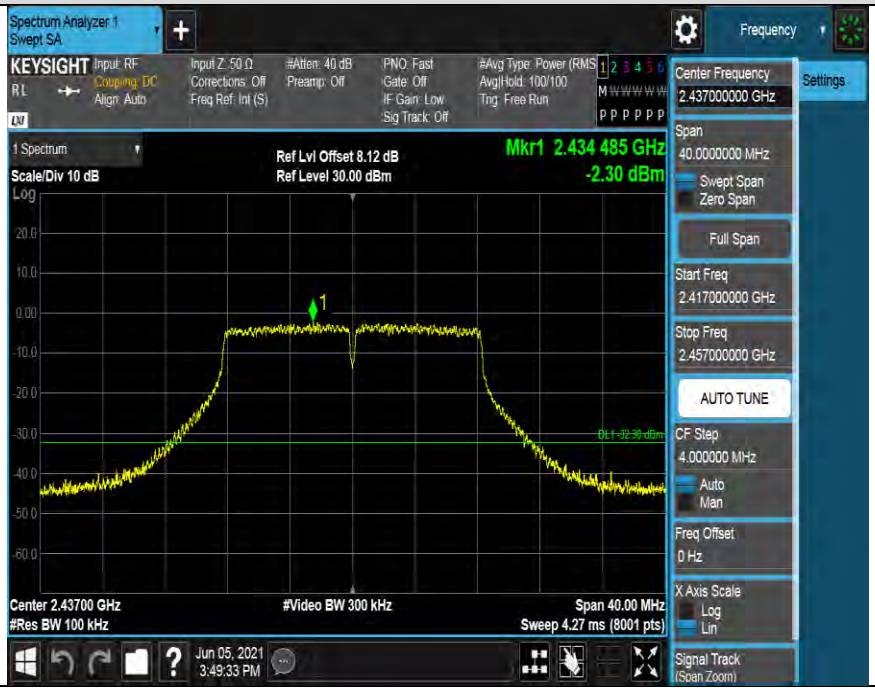
LCH SPURIOUS EMISSION_30MHz~10GHz


LCH SPURIOUS EMISSION_10GHz~26GHz


Test Mode	Channel	Verdict
11G	MCH	PASS

Pref test Plot

MCH SPURIOUS EMISSION



Puw test Plot

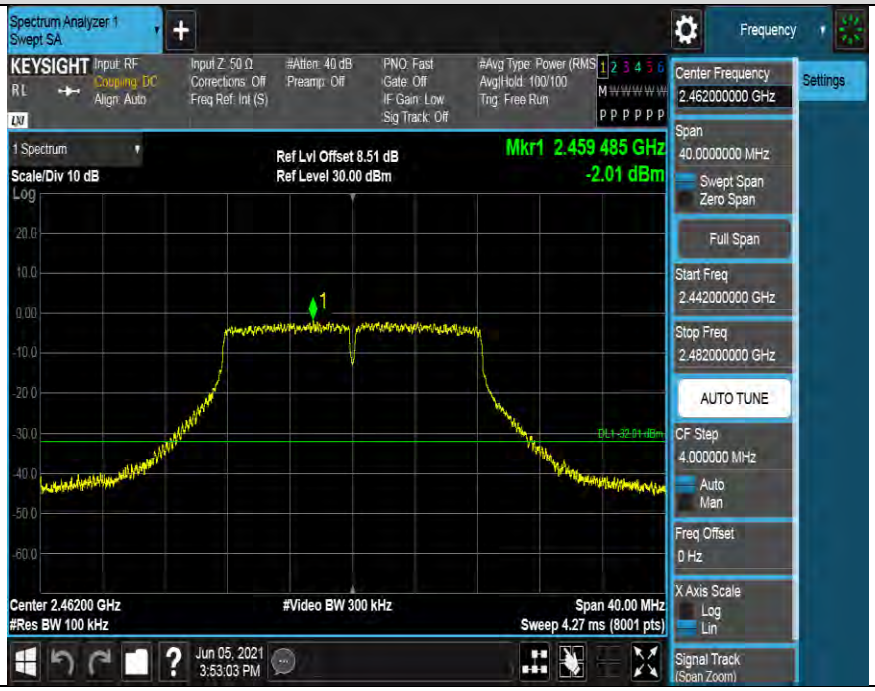
MCH SPURIOUS EMISSION_30MHz~10GHz


MCH SPURIOUS EMISSION_10GHz~26GHz


Test Mode	Channel	Verdict
11G	HCH	PASS

Pref test Plot

HCH SPURIOUS EMISSION



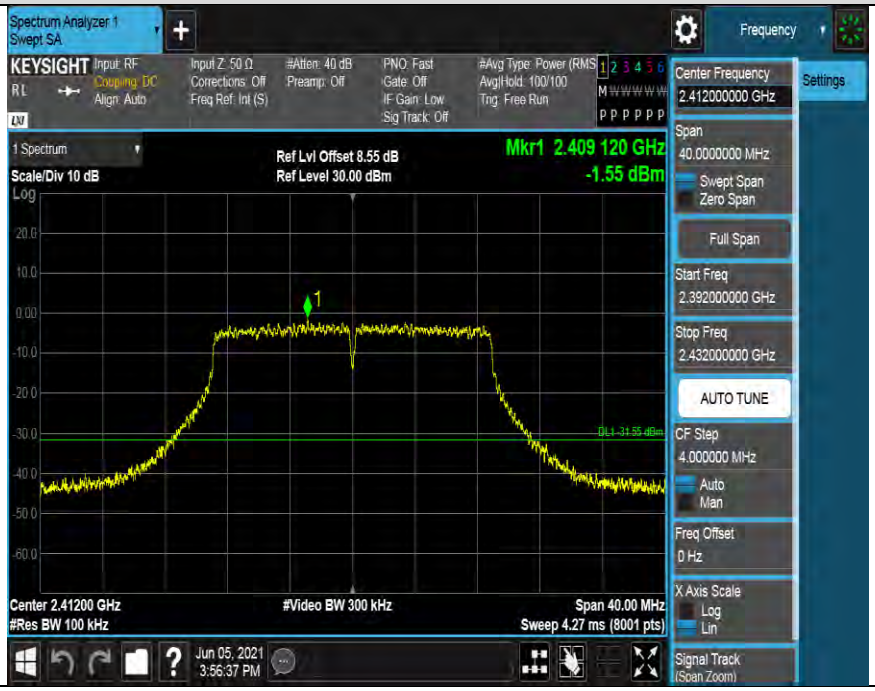
Puw test Plot

HCH SPURIOUS EMISSION_30MHz~10GHz

HCH SPURIOUS EMISSION_10GHz~26GHz

Test Mode	Channel	Verdict
11N HT20	LCH	PASS

Pref test Plot

LCH SPURIOUS EMISSION


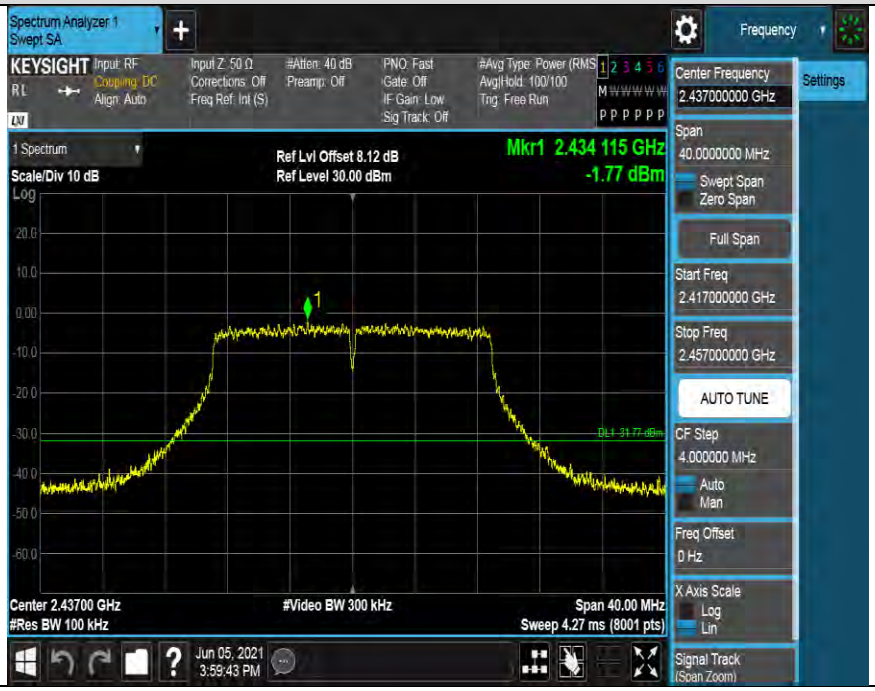
Puw test Plot

LCH SPURIOUS EMISSION_30MHz~10GHz

LCH SPURIOUS EMISSION_10GHz~26GHz

Test Mode	Channel	Verdict
11N HT20	MCH	PASS

Pref test Plot

MCH SPURIOUS EMISSION


Puw test Plot

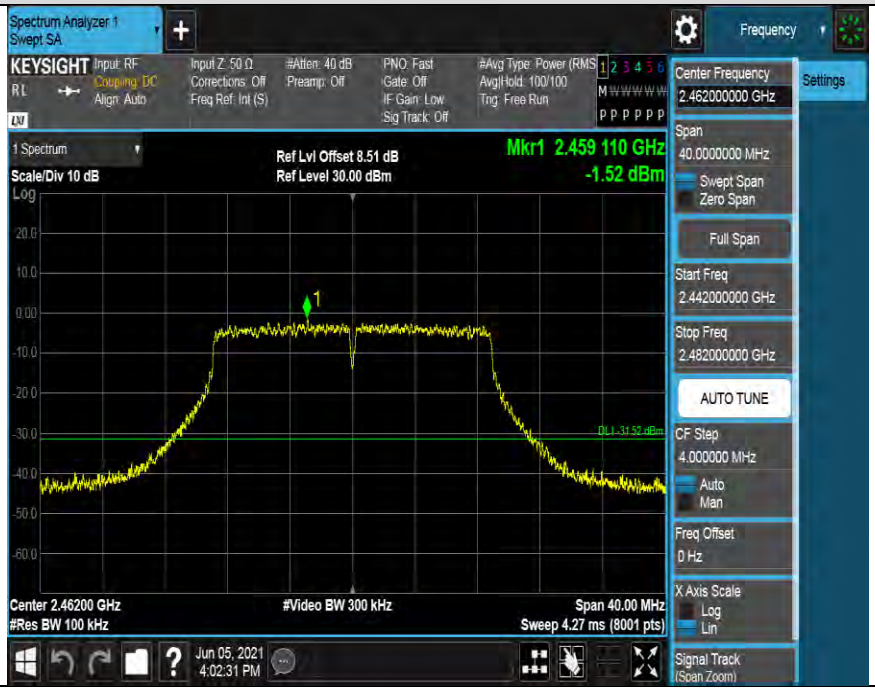
MCH SPURIOUS EMISSION_30MHz~10GHz

MCH SPURIOUS EMISSION_10GHz~26GHz

Test Mode	Channel	Verdict
11N HT20	HCH	PASS

Pref test Plot

HCH SPURIOUS EMISSION



Puw test Plot

HCH SPURIOUS EMISSION_30MHz~10GHz

HCH SPURIOUS EMISSION_10GHz~26GHz

7.6. RADIATED TEST RESULTS

7.6.1. LIMITS AND PROCEDURE

LIMITS

Please refer to FCC §15.205 and §15.209

Please refer to FCC KDB 558074

Radiation Disturbance Test Limit for FCC (Class B)(9KHz-1GHz)

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
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	3
88~216	150	3
216~960	200	3
960~1000	500	3

Note: 1) At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

(2) At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). This paragraph (f) shall not apply to Access BPL devices operating below 30 MHz.

Radiation Disturbance Test Limit for FCC (Above 1G)

Frequency (MHz)	dB(uV/m) (at 3 meters)	
	Peak	Average
Above 1000	74	54

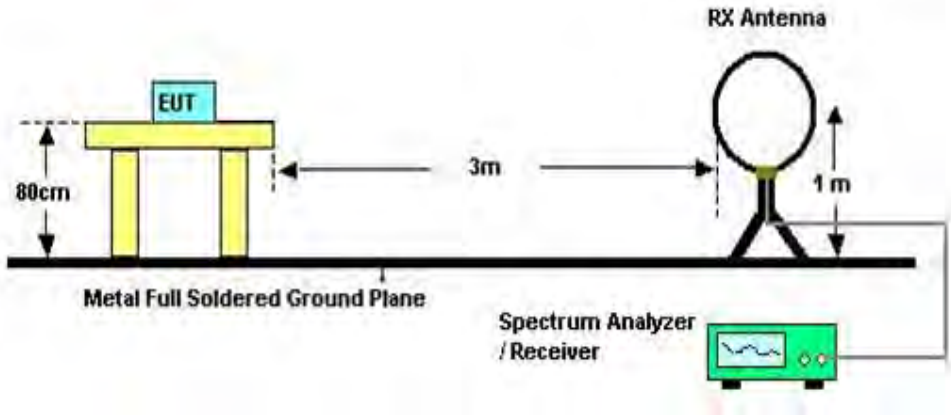
Restricted bands of operation

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
[1]0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	([2])
13.36-13.41			

Note: [1]Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.
[2]Above 38.6c

TEST SETUP AND PROCEDURE

Below 30MHz



The setting of the spectrum analyser

RBW	200Hz (From 9kHz to 0.15MHz)/ 9KHz (From 0.15MHz to 30MHz)
VBW	200Hz (From 9kHz to 0.15MHz)/ 9KHz (From 0.15MHz to 30MHz)
Sweep	Auto
Detector	Peak/QP/ Average
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013

2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.

3. The EUT was placed on a turntable with 0.8 meter above ground.

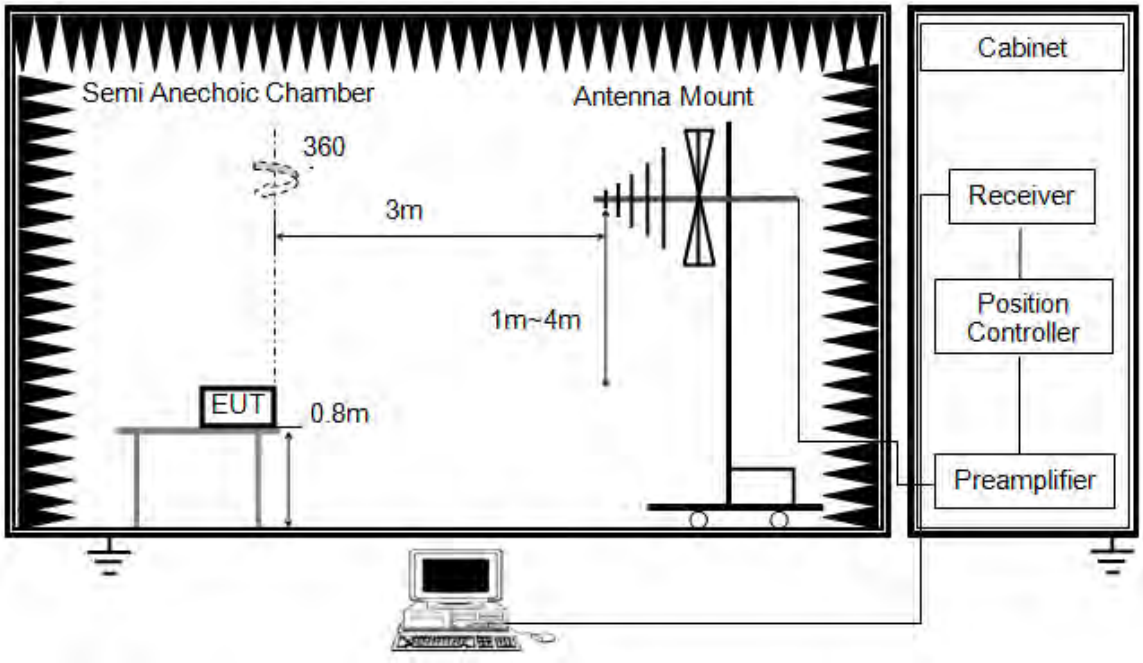
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1m height antenna tower.

5. The radiated emission limits are based on measurements employing a 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

6. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

7. For the actual test configuration, please refer to the related item in this test report (Photographs of the Test Configuration)

Below 1G



The setting of the spectrum analyser

RBW	120K
VBW	300K
Sweep	Auto
Detector	Peak/QP
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013.

2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

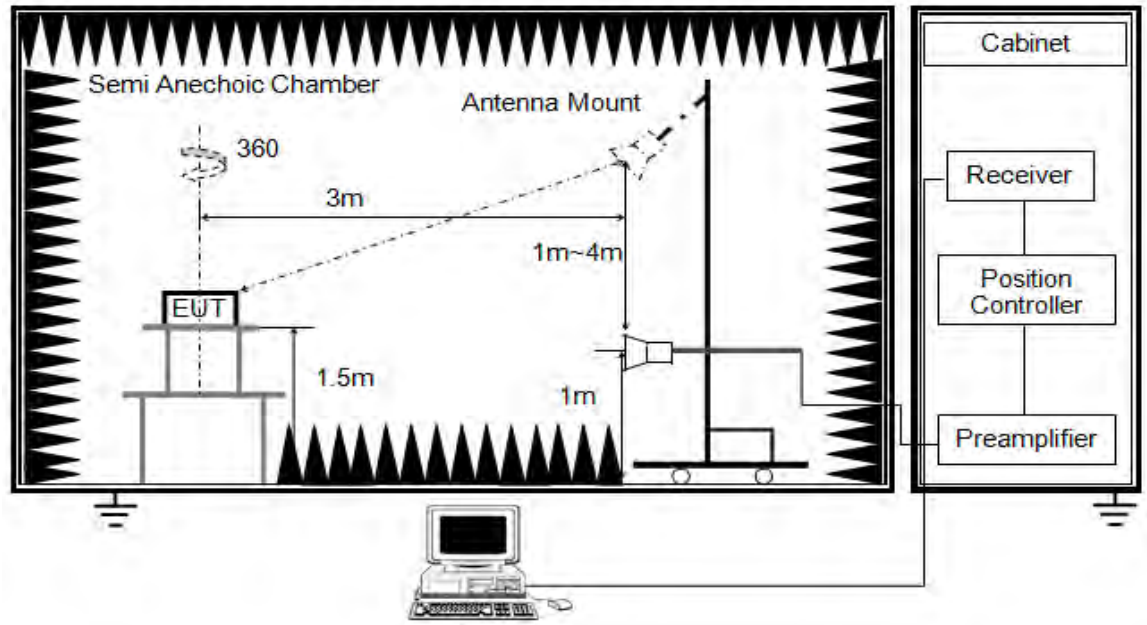
3. The EUT was placed on a turntable with 0.8 meter above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

5. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

6. For the actual test configuration, please refer to the related item in this test report (Photographs of the Test Configuration)

Above 1G



The setting of the spectrum analyser

RBW	1M
VBW	PEAK:3M AVG: See note6
Sweep	Auto
Detector	Peak/Average(10Hz)
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013.

2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

3. The EUT was placed on a turntable with 1.5m above ground.

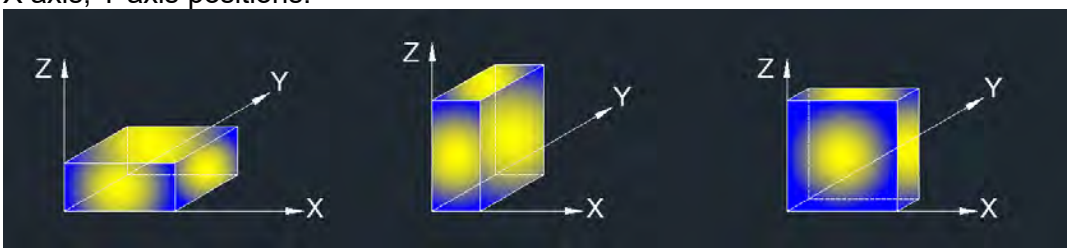
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

5. For measurement above 1GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.

6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with set VBW ≤RBW/100, but not less than list in section 7.1 with average detector, max hold to run for at least 50 traces for average measurements.

7. For the actual test configuration, please refer to the related item in this test report (Photographs of the Test Configuration)

X axis, Y axis positions:



Note: For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the worse case (X axis) data recorded in the report.

7.6.2. TEST ENVIRONMENT

Temperature	21°C	Relative Humidity	56%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V

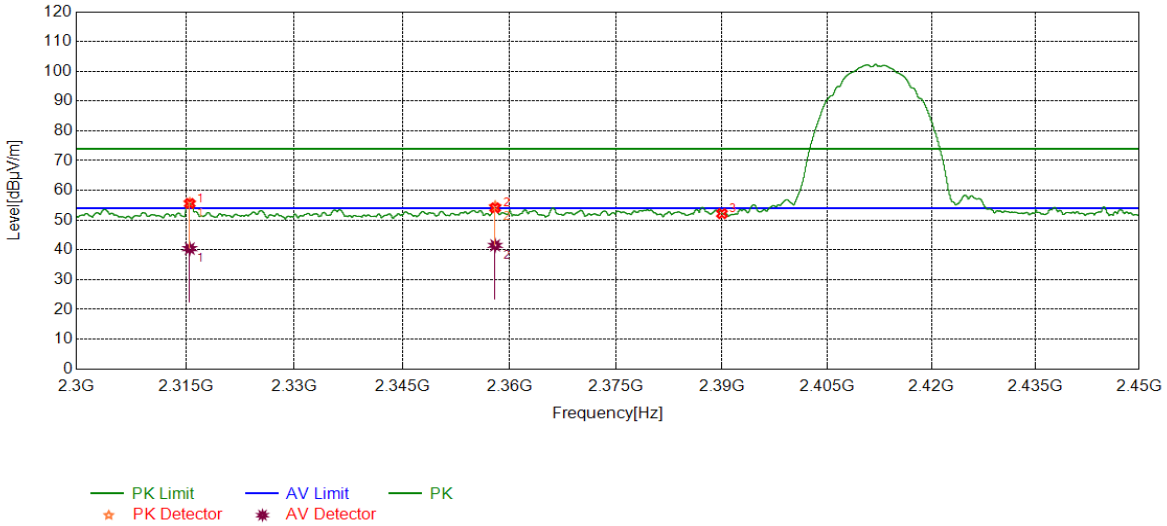
7.6.3. RESTRICTED BANDEDGE

TEST RESULT TABLE

Test Mode	Channel	Puw(dBm)	Verdict
11B	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11G	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11N HT20	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS

TEST GRAPHS

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



PK Result:

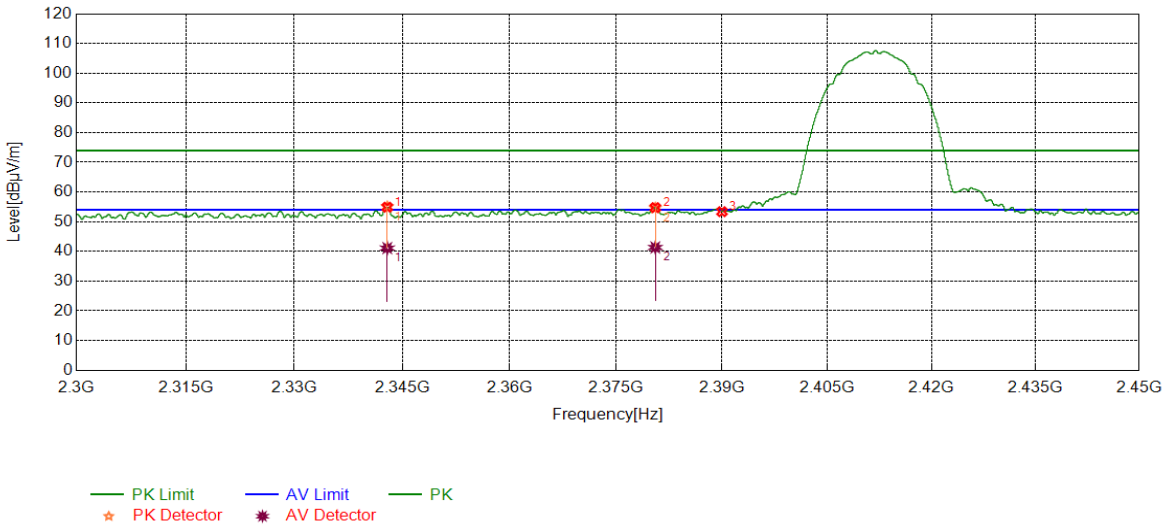
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2315.5457	43.27	12.33	55.60	74.00	-18.40	Horizontal
2	2357.9822	41.35	12.76	54.11	74.00	-19.89	Horizontal
3	2390.0000	39.11	13.07	52.18	74.00	-21.82	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2315.5457	28.53	12.33	40.43	54.00	-13.14	Horizontal
2	2357.9822	28.76	12.76	41.52	54.00	-12.48	Horizontal

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
3. Measurement = Reading Level + Correct Factor;
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



PK Result:

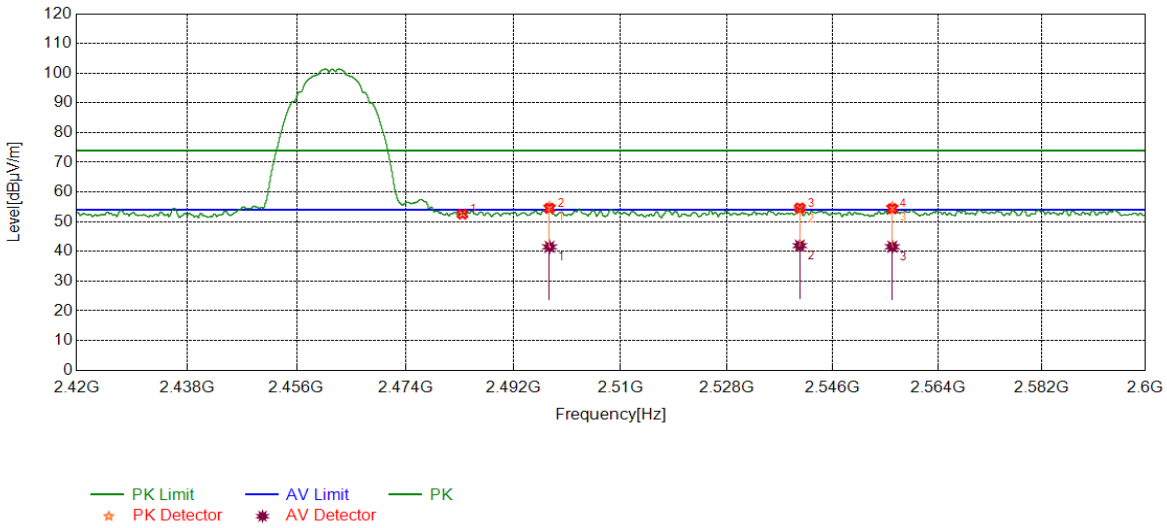
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2342.9054	42.27	12.62	54.89	74.00	-19.11	Vertical
2	2380.5413	41.68	13.06	54.74	74.00	-19.26	Vertical
3	2390.0000	40.31	13.07	53.38	74.00	-20.62	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2342.9054	28.51	12.62	41.13	54.00	-12.87	Vertical
2	2380.5413	28.27	13.06	41.33	54.00	-12.67	Vertical

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
3. Measurement = Reading Level + Correct Factor;
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



PK Result:

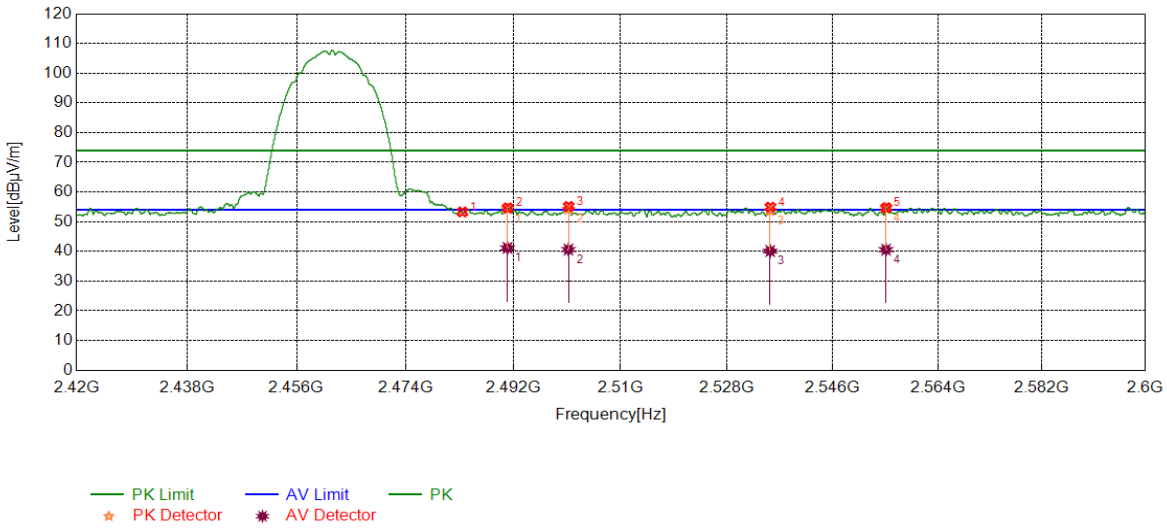
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	39.58	12.97	52.55	74.00	-21.45	Horizontal
2	2498.0623	41.41	13.11	54.52	74.00	-19.48	Horizontal
3	2540.3675	41.21	13.41	54.62	74.00	-19.38	Horizontal
4	2556.1870	41.01	13.39	54.40	74.00	-19.60	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2498.0623	28.43	13.11	41.54	54.00	-12.46	Horizontal
2	2540.3675	28.53	13.41	41.94	54.00	-12.06	Horizontal
3	2556.1870	28.18	13.39	41.57	54.00	-12.43	Horizontal

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
3. Measurement = Reading Level + Correct Factor;
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



PK Result:

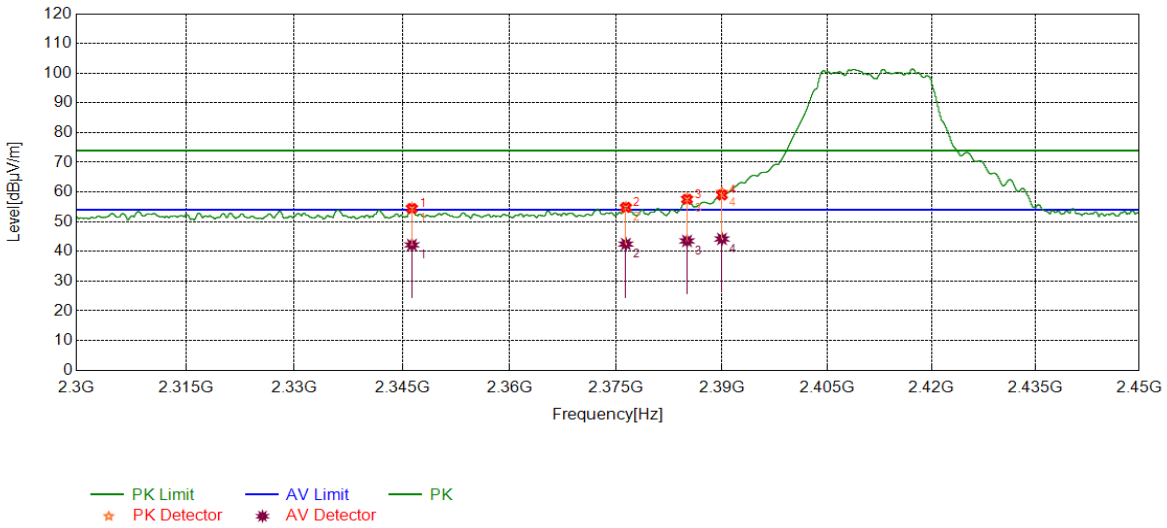
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	40.33	12.97	53.30	74.00	-20.70	Vertical
2	2491.0639	41.64	13.01	54.65	74.00	-19.35	Vertical
3	2501.2802	42.00	13.15	55.15	74.00	-18.85	Vertical
4	2535.3719	41.48	13.42	54.90	74.00	-19.10	Vertical
5	2555.1519	41.32	13.38	54.70	74.00	-19.30	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2491.0140	28.16	13.01	41.17	54.00	-12.83	Vertical
2	2501.2303	27.48	13.15	40.63	54.00	-13.37	Vertical
3	2535.3220	26.73	13.41	40.14	54.00	-13.86	Vertical
4	2555.1020	27.20	13.38	40.58	54.00	-13.42	Vertical

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
3. Measurement = Reading Level + Correct Factor;
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



PK Result:

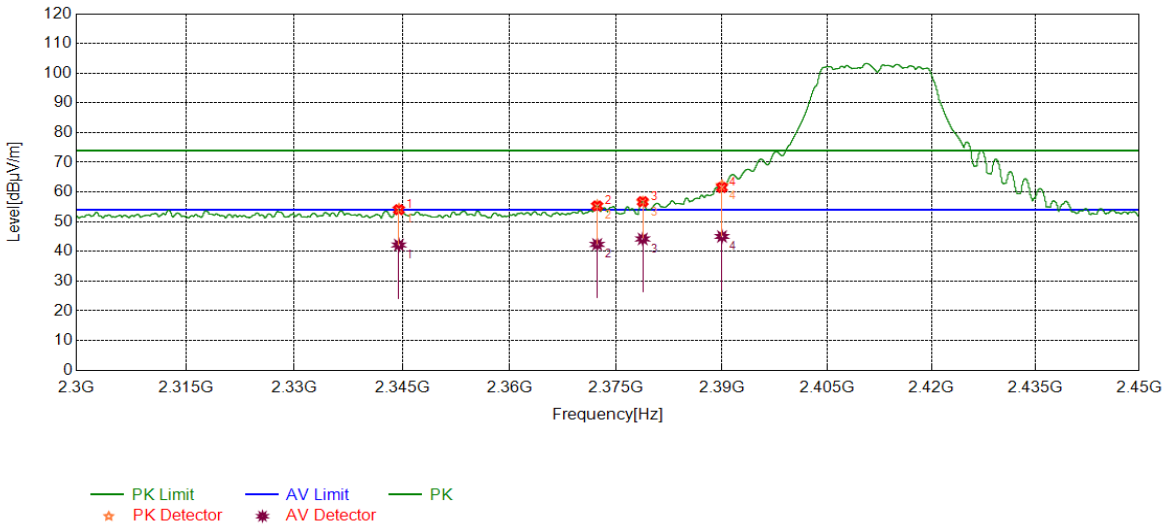
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2346.3370	41.78	12.66	54.44	74.00	-19.56	Horizontal
2	2376.3783	41.82	13.01	54.83	74.00	-19.17	Horizontal
3	2385.0419	44.48	13.06	57.54	74.00	-16.46	Horizontal
4	2390.0000	45.92	13.07	58.99	74.00	-15.01	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2346.3370	29.53	12.66	42.19	54.00	-11.81	Horizontal
2	2376.3783	29.47	13.01	42.48	54.00	-11.52	Horizontal
3	2385.0366	30.47	13.06	43.53	54.00	-10.47	Horizontal
4	2390.0000	31.13	13.07	44.20	54.00	-9.80	Horizontal

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
3. Measurement = Reading Level + Correct Factor;
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



PK Result:

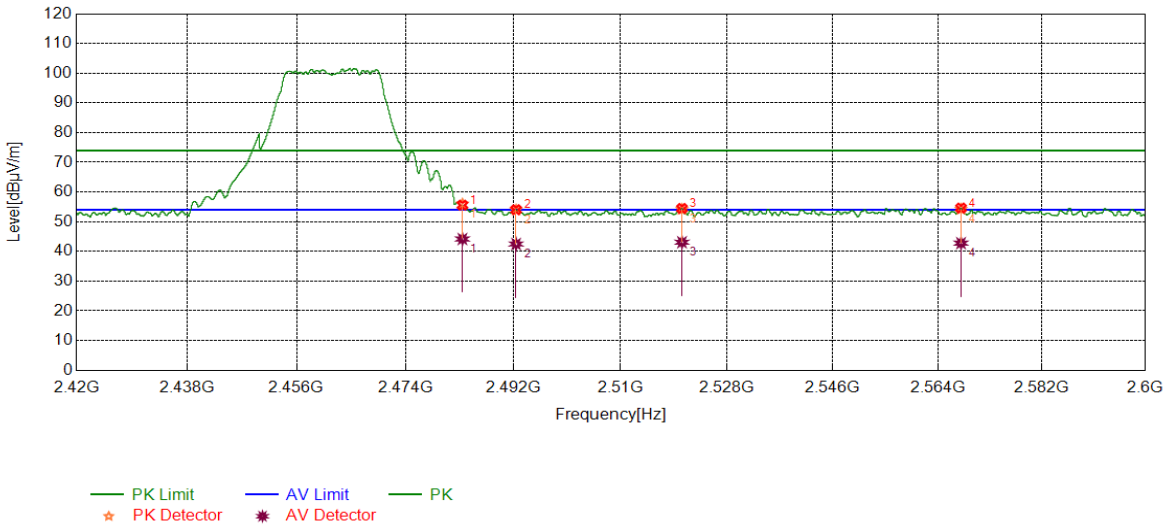
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2344.5181	41.40	12.64	54.04	74.00	-19.96	Vertical
2	2372.3278	42.36	12.96	55.32	74.00	-18.68	Vertical
3	2378.7598	43.71	13.05	56.76	74.00	-17.24	Vertical
4	2390.0000	48.44	13.07	61.51	74.00	-12.49	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2344.5181	29.53	12.64	42.17	54.00	-11.83	Vertical
2	2372.3278	29.41	12.96	42.37	54.00	-11.63	Vertical
3	2378.7598	31.15	13.05	44.20	54.00	-9.80	Vertical
4	2390.0000	31.97	13.07	45.04	54.00	-8.96	Vertical

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
3. Measurement = Reading Level + Correct Factor;
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



PK Result:

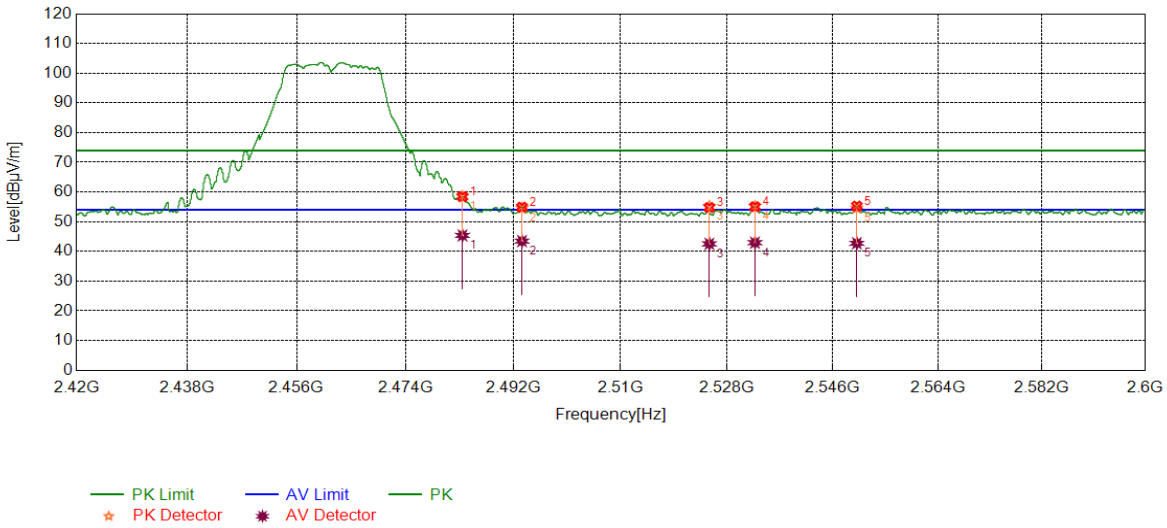
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	42.61	12.97	55.58	74.00	-18.42	Horizontal
2	2492.4591	41.01	13.03	54.04	74.00	-19.96	Horizontal
3	2520.3625	41.25	13.23	54.48	74.00	-19.52	Horizontal
4	2568.0010	41.17	13.44	54.61	74.00	-19.39	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	31.14	12.97	44.18	54.00	-9.89	Horizontal
2	2492.4591	29.47	13.03	42.50	54.00	-11.50	Horizontal
3	2520.3625	29.86	13.23	43.09	54.00	-10.91	Horizontal
4	2568.0010	29.34	13.44	42.78	54.00	-11.22	Horizontal

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
3. Measurement = Reading Level + Correct Factor;
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



PK Result:

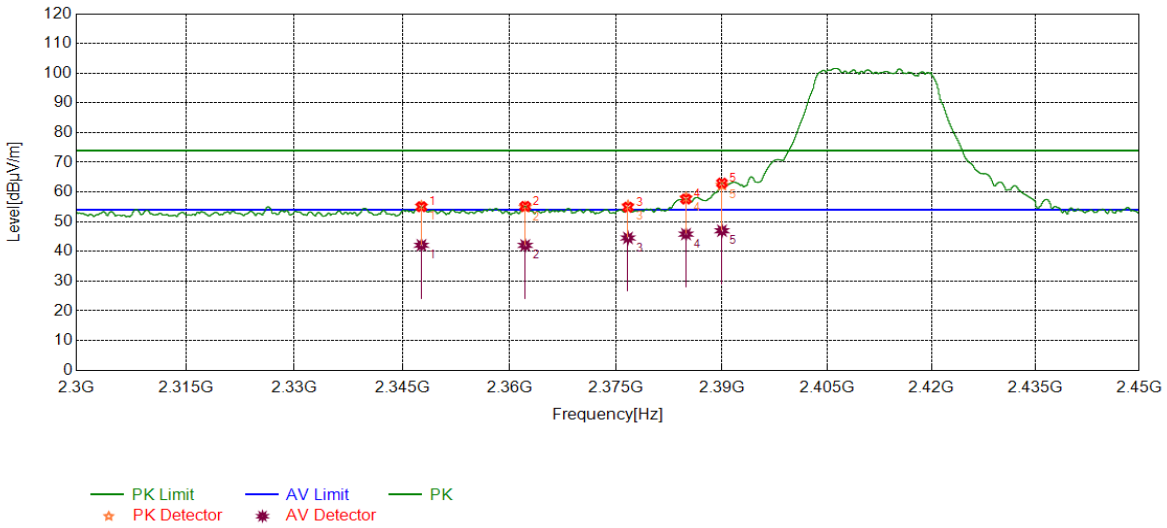
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	45.48	12.97	58.45	74.00	-15.55	Vertical
2	2493.4492	41.85	13.05	54.90	74.00	-19.10	Vertical
3	2524.9981	41.44	13.32	54.76	74.00	-19.24	Vertical
4	2532.7391	41.63	13.42	55.05	74.00	-18.95	Vertical
5	2550.1113	41.92	13.35	55.27	74.00	-18.73	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	32.41	12.97	45.38	54.00	-8.62	Vertical
2	2493.4492	30.43	13.05	43.48	54.00	-10.52	Vertical
3	2524.9981	29.24	13.32	42.56	54.00	-11.44	Vertical
4	2532.7391	29.53	13.42	42.95	54.00	-11.05	Vertical
5	2550.1113	29.39	13.35	42.74	54.00	-11.26	Vertical

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
3. Measurement = Reading Level + Correct Factor;
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Horizontal	PASS



PK Result:

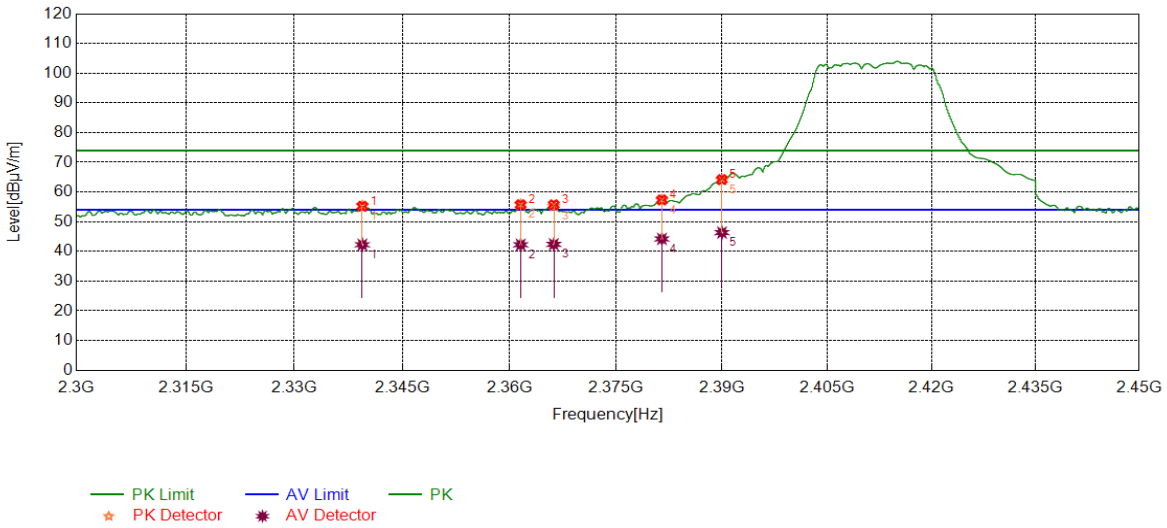
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2347.6685	42.38	12.67	55.05	74.00	-18.95	Horizontal
2	2362.2015	42.36	12.81	55.17	74.00	-18.83	Horizontal
3	2376.6783	41.85	13.02	54.87	74.00	-19.13	Horizontal
4	2384.8919	44.56	13.06	57.62	74.00	-16.38	Horizontal
5	2390.0000	49.93	13.07	63.00	74.00	-11.00	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2347.6685	29.42	12.67	42.09	54.00	-11.91	Horizontal
2	2362.2015	29.23	12.81	42.04	54.00	-11.96	Horizontal
3	2376.6783	31.52	13.02	44.54	54.00	-9.46	Horizontal
4	2384.8919	32.77	13.06	45.83	54.00	-8.17	Horizontal
5	2390.0000	33.90	13.07	46.97	54.00	-7.03	Horizontal

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
3. Measurement = Reading Level + Correct Factor;
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Vertical	PASS



PK Result:

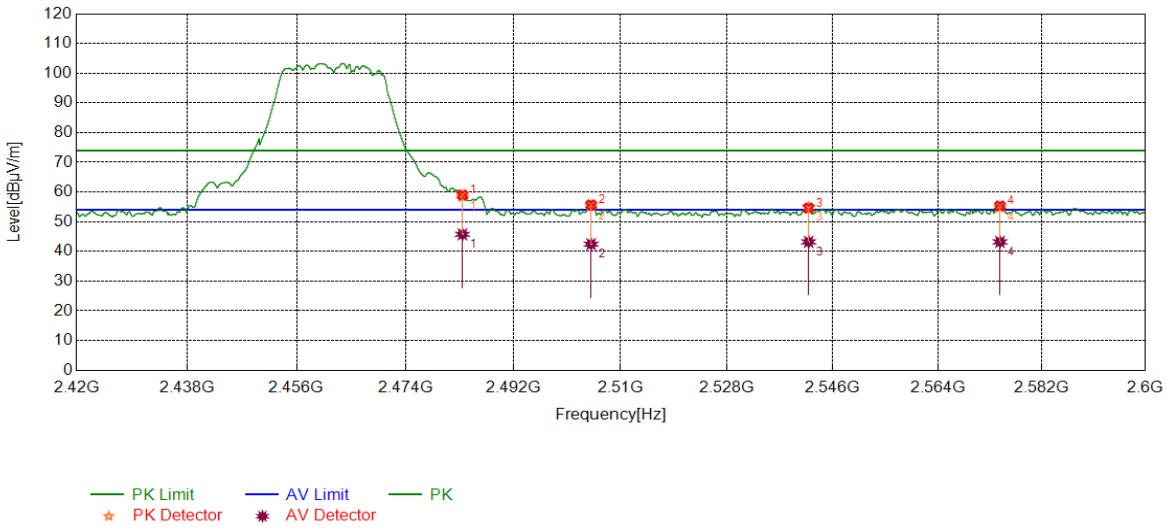
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2339.4362	42.63	12.59	55.22	74.00	-18.78	Vertical
2	2361.5639	42.93	12.80	55.73	74.00	-18.27	Vertical
3	2366.2145	42.84	12.87	55.71	74.00	-18.29	Vertical
4	2381.4789	44.30	13.06	57.36	74.00	-16.64	Vertical
5	2390.0000	51.13	13.07	64.20	74.00	-9.80	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2339.4362	29.66	12.59	42.25	54.00	-11.75	Vertical
2	2361.5639	29.45	12.80	42.25	54.00	-11.75	Vertical
3	2366.2145	29.52	12.87	42.39	54.00	-11.61	Vertical
4	2381.4789	31.15	13.06	44.21	54.00	-9.79	Vertical
5	2390.0000	33.27	13.07	46.34	54.00	-7.66	Vertical

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
3. Measurement = Reading Level + Correct Factor;
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Horizontal	PASS



PK Result:

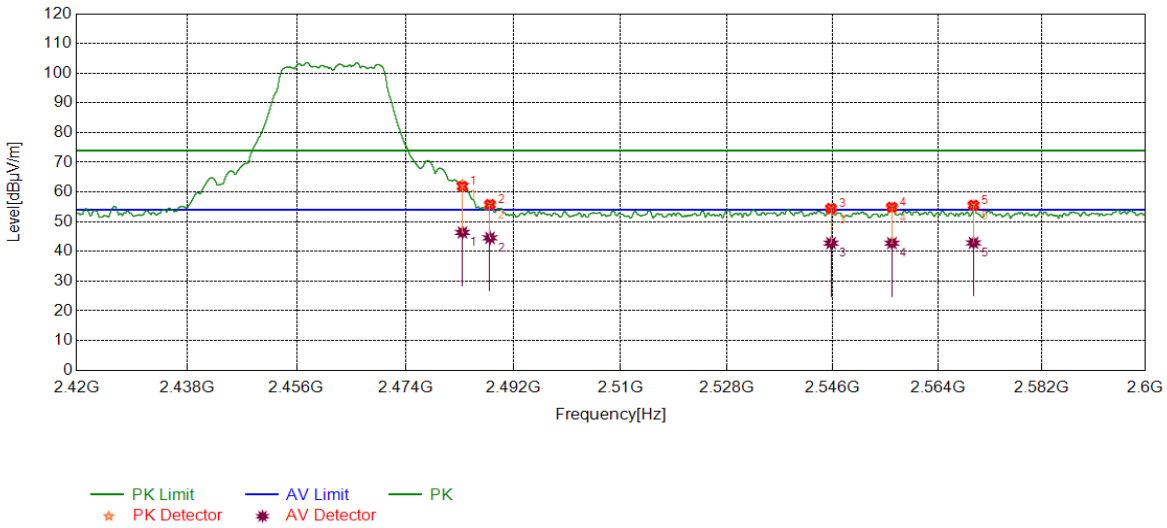
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	46.04	12.97	59.01	74.00	-14.99	Horizontal
2	2505.0381	42.51	13.17	55.68	74.00	-18.32	Horizontal
3	2541.8752	41.21	13.40	54.61	74.00	-19.39	Horizontal
4	2574.7293	41.89	13.45	55.34	74.00	-18.66	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	32.80	12.97	45.77	54.00	-8.23	Horizontal
2	2505.0381	29.27	13.17	42.44	54.00	-11.56	Horizontal
3	2541.8752	29.82	13.40	43.22	54.00	-10.78	Horizontal
4	2574.7293	29.76	13.45	43.21	54.00	-10.79	Horizontal

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
3. Measurement = Reading Level + Correct Factor;
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	48.93	12.97	61.90	74.00	-12.10	Vertical
2	2488.0935	42.82	12.99	55.81	74.00	-18.19	Vertical
3	2545.7007	41.11	13.38	54.49	74.00	-19.51	Vertical
4	2556.1195	41.50	13.39	54.89	74.00	-19.11	Vertical
5	2570.1613	42.13	13.45	55.58	74.00	-18.42	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	33.41	12.97	46.38	54.00	-7.62	Vertical
2	2488.0935	31.58	12.99	44.57	54.00	-9.43	Vertical
3	2545.7007	29.42	13.38	42.80	54.00	-11.20	Vertical
4	2556.1195	29.39	13.39	42.78	54.00	-11.22	Vertical
5	2570.1613	29.43	13.45	42.88	54.00	-11.12	Vertical

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
3. Measurement = Reading Level + Correct Factor;
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

7.6.4. SPURIOUS EMISSIONS

TEST RESULTS TABLE

1) For 1GHz~18GHz

Test Mode	Channel	Puw(dBm)	Verdict
11B	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11G	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11N HT20	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS

2) For 9KHz~30MHz

Test Mode	Channel	Puw(dBm)	Verdict
11B	HCH	<Limit	PASS

Remark:
1) Through pre-testing all the test modes and test channels, but only the data of the worst case is included in this test report.

3) For 30MHz~1GHz

Test Mode	Channel	Puw(dBm)	Verdict
11B	HCH	<Limit	PASS

Remark:
1) Through pre-testing all the test modes and test channels, but only the data of the worst case is included in this test report.

4) For 18GHz~26.5GHz

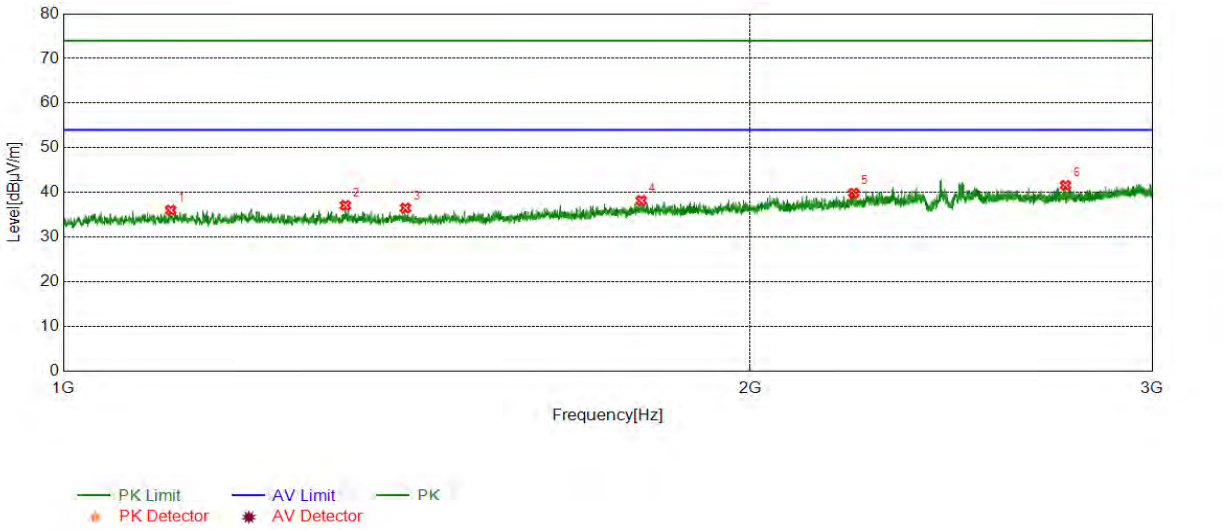
Test Mode	Channel	Puw(dBm)	Verdict
11B	HCH	<Limit	PASS

Remark:
1) Through pre-testing all the test modes and test channels, but only the data of the worst case is included in this test report.

Part I: 1GHz~3GHz

HARMONICS AND SPURIOUS EMISSIONS

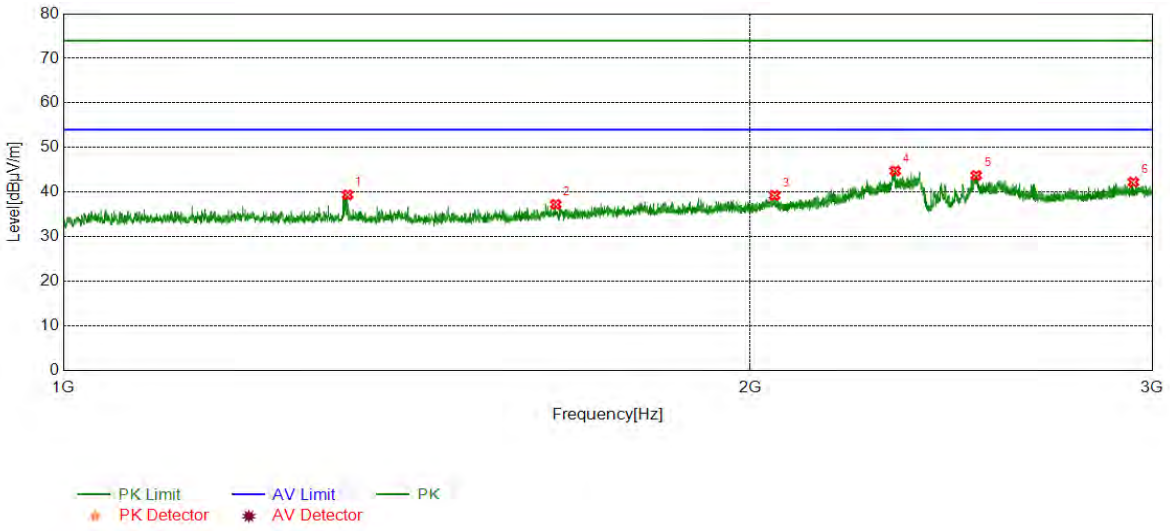
Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1114.5143	41.52	-5.49	36.03	74.00	-37.97	Horizontal
2	1329.2912	42.75	-5.67	37.08	74.00	-36.92	Horizontal
3	1412.3015	41.94	-5.46	36.48	74.00	-37.52	Horizontal
4	1791.8490	41.94	-3.76	38.18	74.00	-35.82	Horizontal
5	2220.1525	42.05	-2.22	39.83	74.00	-34.17	Horizontal
6	2748.9686	42.02	-0.44	41.58	74.00	-32.42	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

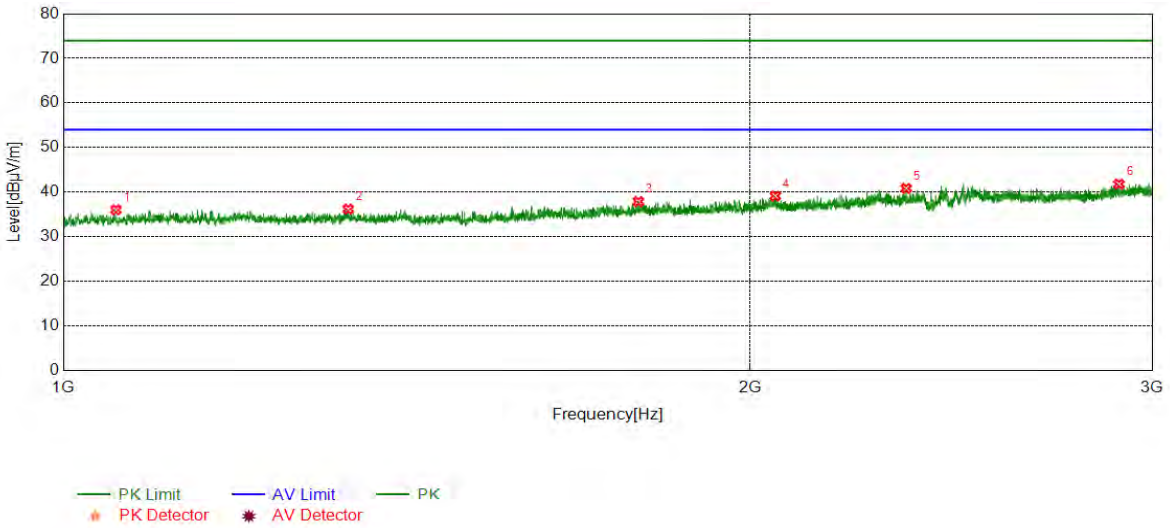
Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1332.2915	45.04	-5.68	39.36	74.00	-34.64	Vertical
2	1643.5804	42.25	-5.03	37.22	74.00	-36.78	Vertical
3	2049.6312	41.62	-2.38	39.24	74.00	-34.76	Vertical
4	2315.1644	46.39	-1.65	44.74	74.00	-29.26	Vertical
5	2512.1890	44.09	-0.37	43.72	74.00	-30.28	Vertical
6	2943.7430	41.66	0.55	42.21	74.00	-31.79	Vertical

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

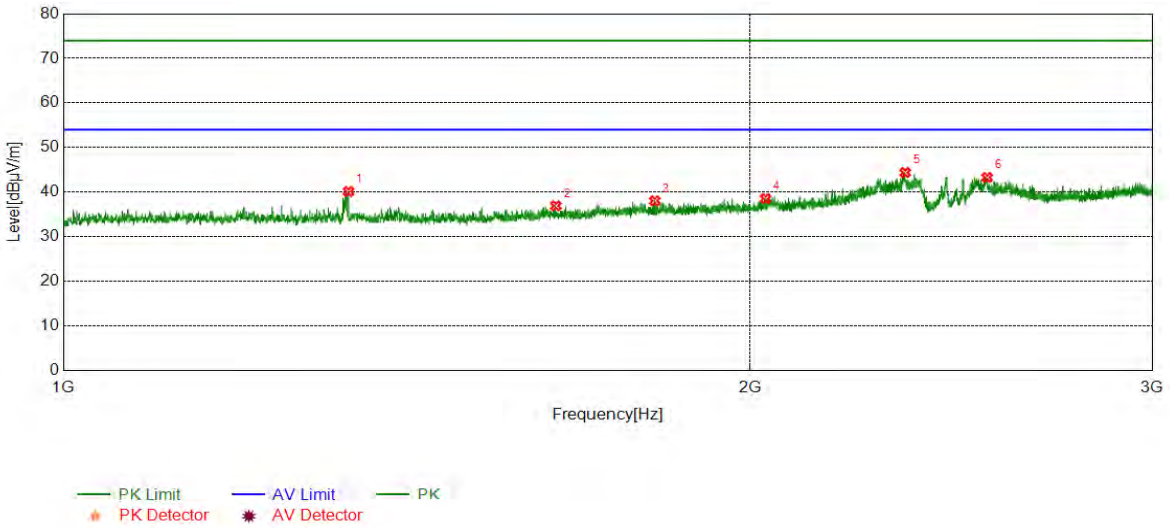
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1054.5068	41.65	-5.62	36.03	74.00	-37.97	Horizontal
2	1333.0416	41.85	-5.67	36.18	74.00	-37.82	Horizontal
3	1786.3483	41.68	-3.82	37.86	74.00	-36.14	Horizontal
4	2051.1314	41.51	-2.41	39.10	74.00	-34.90	Horizontal
5	2340.6676	42.62	-1.80	40.82	74.00	-33.18	Horizontal
6	2901.2377	41.44	0.34	41.78	74.00	-32.22	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

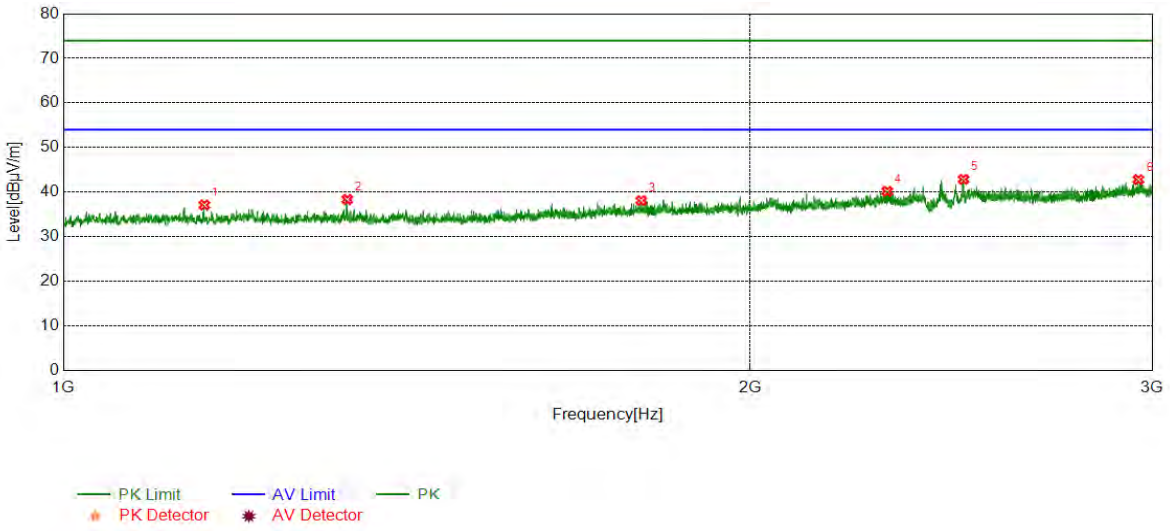
Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1333.5417	45.78	-5.67	40.11	74.00	-33.89	Vertical
2	1643.8305	41.93	-5.03	36.90	74.00	-37.10	Vertical
3	1816.3520	41.95	-3.94	38.01	74.00	-35.99	Vertical
4	2031.3789	41.22	-2.68	38.54	74.00	-35.46	Vertical
5	2338.4173	46.18	-1.81	44.37	74.00	-29.63	Vertical
6	2539.9425	44.21	-0.96	43.25	74.00	-30.75	Vertical

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1153.0191	42.68	-5.59	37.09	74.00	-36.91	Horizontal
2	1331.7915	44.01	-5.68	38.33	74.00	-35.67	Horizontal
3	1791.8490	41.84	-3.76	38.08	74.00	-35.92	Horizontal
4	2296.4121	42.03	-1.88	40.15	74.00	-33.85	Horizontal
5	2480.1850	43.40	-0.56	42.84	74.00	-31.16	Horizontal
6	2958.7448	41.83	0.96	42.79	74.00	-31.21	Horizontal

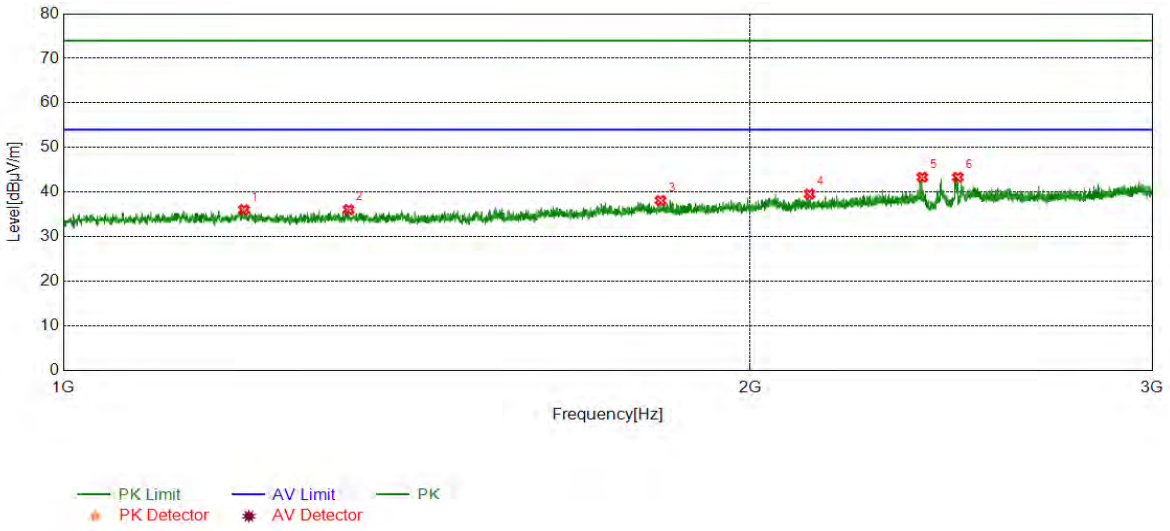
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1330.2913	47.16	-5.68	41.48	74.00	-32.52	Vertical
2	1411.8015	41.97	-5.44	36.53	74.00	-37.47	Vertical
3	1830.1038	41.93	-3.69	38.24	74.00	-35.76	Vertical
4	2358.6698	45.44	-1.25	44.19	74.00	-29.81	Vertical
5	2544.4431	44.77	-0.97	43.80	74.00	-30.20	Vertical
6	2971.7465	40.88	1.03	41.91	74.00	-32.09	Vertical

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

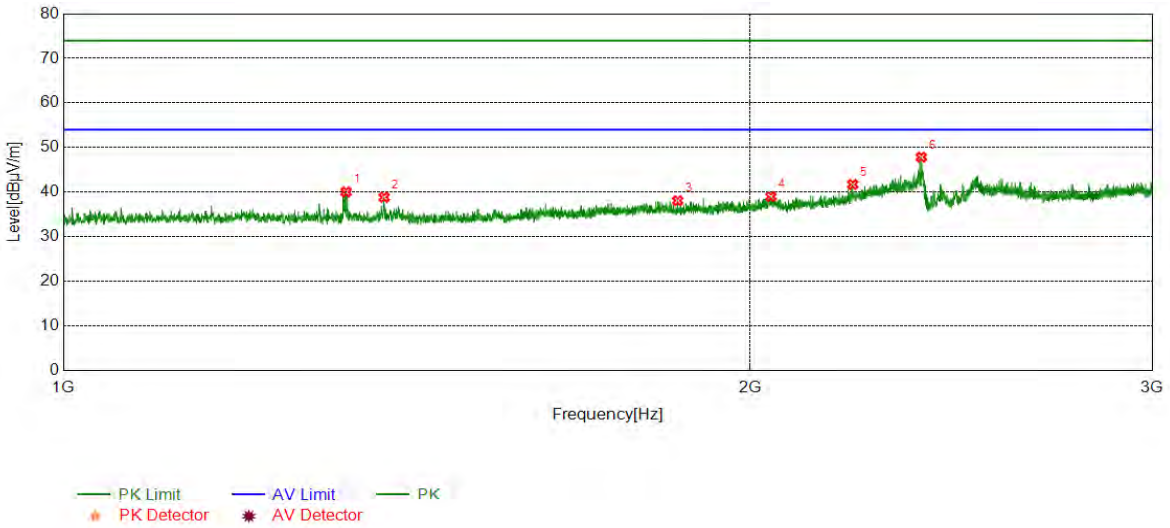
Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1200.0250	41.60	-5.56	36.04	74.00	-37.96	Horizontal
2	1333.5417	41.74	-5.67	36.07	74.00	-37.93	Horizontal
3	1826.8534	41.85	-3.74	38.11	74.00	-35.89	Horizontal
4	2123.1404	41.93	-2.38	39.55	74.00	-34.45	Horizontal
5	2378.9224	44.41	-1.08	43.33	74.00	-30.67	Horizontal
6	2465.9332	43.96	-0.63	43.33	74.00	-30.67	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

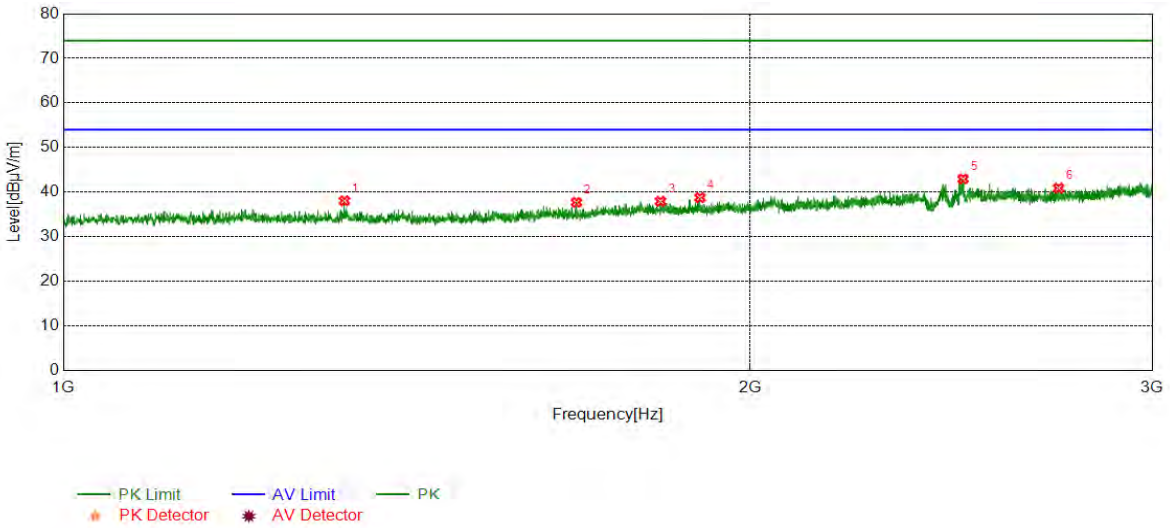
Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1330.2913	45.69	-5.68	40.01	74.00	-33.99	Vertical
2	1382.2978	44.56	-5.75	38.81	74.00	-35.19	Vertical
3	1858.8574	41.71	-3.68	38.03	74.00	-35.97	Vertical
4	2042.1303	41.35	-2.39	38.96	74.00	-35.04	Vertical
5	2217.9022	43.94	-2.24	41.70	74.00	-32.30	Vertical
6	2376.6721	48.92	-1.10	47.82	74.00	-26.18	Vertical

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

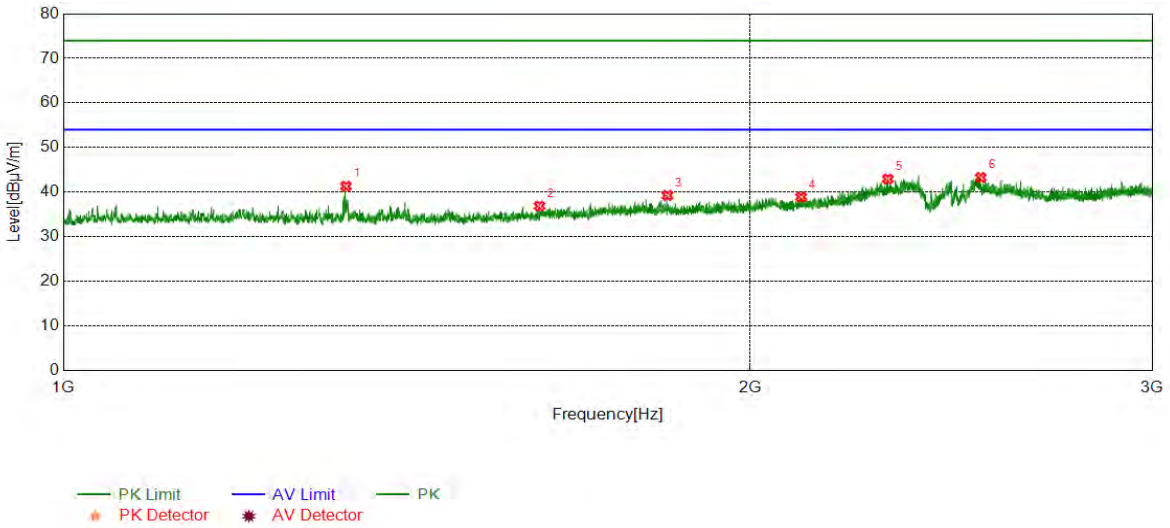
Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1328.0410	43.67	-5.66	38.01	74.00	-35.99	Horizontal
2	1678.3348	42.52	-4.84	37.68	74.00	-36.32	Horizontal
3	1826.8534	41.64	-3.74	37.90	74.00	-36.10	Horizontal
4	1901.1126	42.02	-3.28	38.74	74.00	-35.26	Horizontal
5	2478.9349	43.50	-0.56	42.94	74.00	-31.06	Horizontal
6	2729.9662	41.35	-0.49	40.86	74.00	-33.14	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

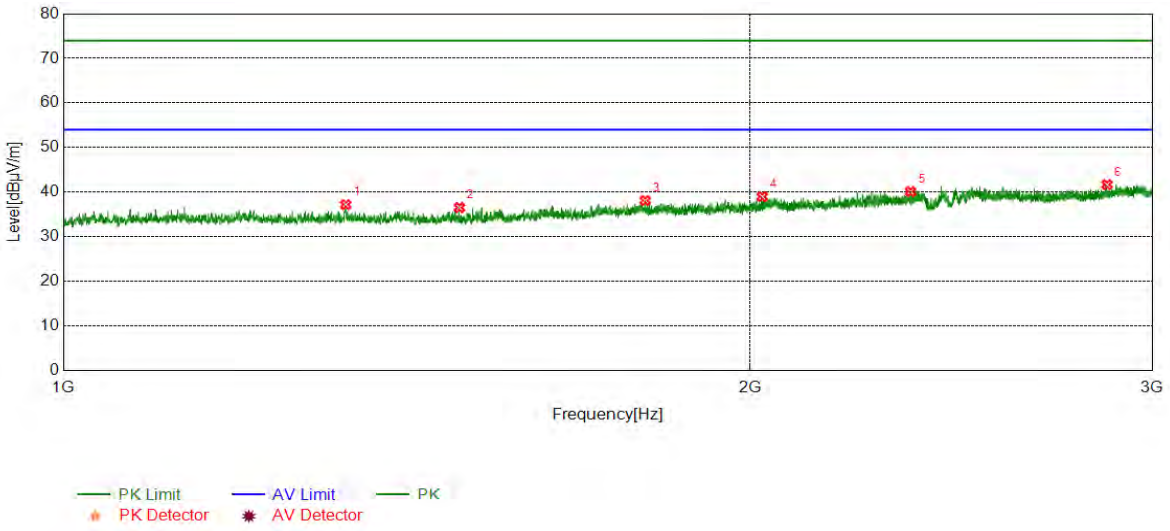
Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1330.0413	46.98	-5.68	41.30	74.00	-32.70	Vertical
2	1617.0771	41.99	-5.13	36.86	74.00	-37.14	Vertical
3	1839.6050	42.95	-3.72	39.23	74.00	-34.77	Vertical
4	2105.1381	41.39	-2.53	38.86	74.00	-35.14	Vertical
5	2297.9122	44.80	-1.87	42.93	74.00	-31.07	Vertical
6	2523.4404	43.72	-0.46	43.26	74.00	-30.74	Vertical

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

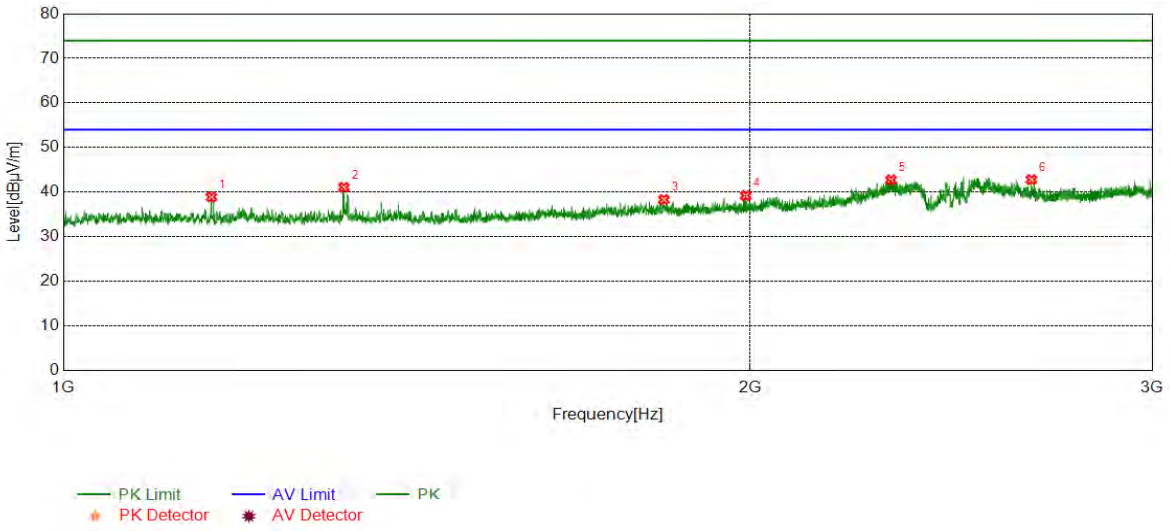
Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1329.7912	42.83	-5.68	37.15	74.00	-36.85	Horizontal
2	1491.3114	42.31	-5.80	36.51	74.00	-37.49	Horizontal
3	1798.8499	41.92	-3.83	38.09	74.00	-35.91	Horizontal
4	2024.1280	41.77	-2.79	38.98	74.00	-35.02	Horizontal
5	2350.9189	41.73	-1.63	40.10	74.00	-33.90	Horizontal
6	2866.2333	41.53	0.14	41.67	74.00	-32.33	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

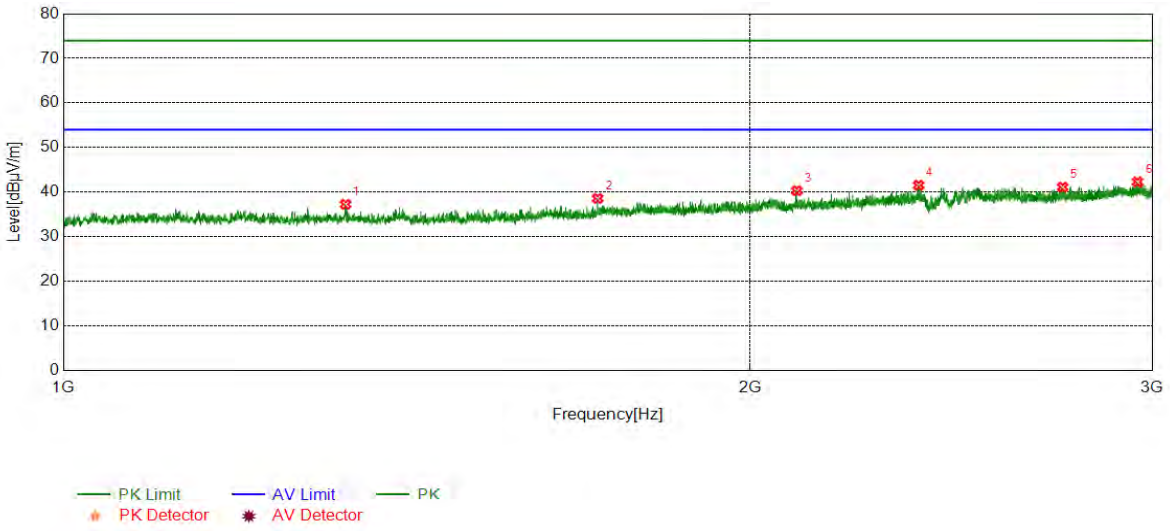
Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1161.2702	44.39	-5.53	38.86	74.00	-35.14	Vertical
2	1327.2909	46.71	-5.66	41.05	74.00	-32.95	Vertical
3	1833.1041	41.99	-3.70	38.29	74.00	-35.71	Vertical
4	1990.8739	42.27	-3.08	39.19	74.00	-34.81	Vertical
5	2305.1631	44.47	-1.75	42.72	74.00	-31.28	Vertical
6	2655.9570	43.49	-0.72	42.77	74.00	-31.23	Vertical

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1329.5412	42.92	-5.68	37.24	74.00	-36.76	Horizontal
2	1714.5893	42.96	-4.40	38.56	74.00	-35.44	Horizontal
3	2096.3870	42.82	-2.53	40.29	74.00	-33.71	Horizontal
4	2370.1713	42.66	-1.13	41.53	74.00	-32.47	Horizontal
5	2740.9676	41.56	-0.46	41.10	74.00	-32.90	Horizontal
6	2956.2445	41.36	0.90	42.26	74.00	-31.74	Horizontal

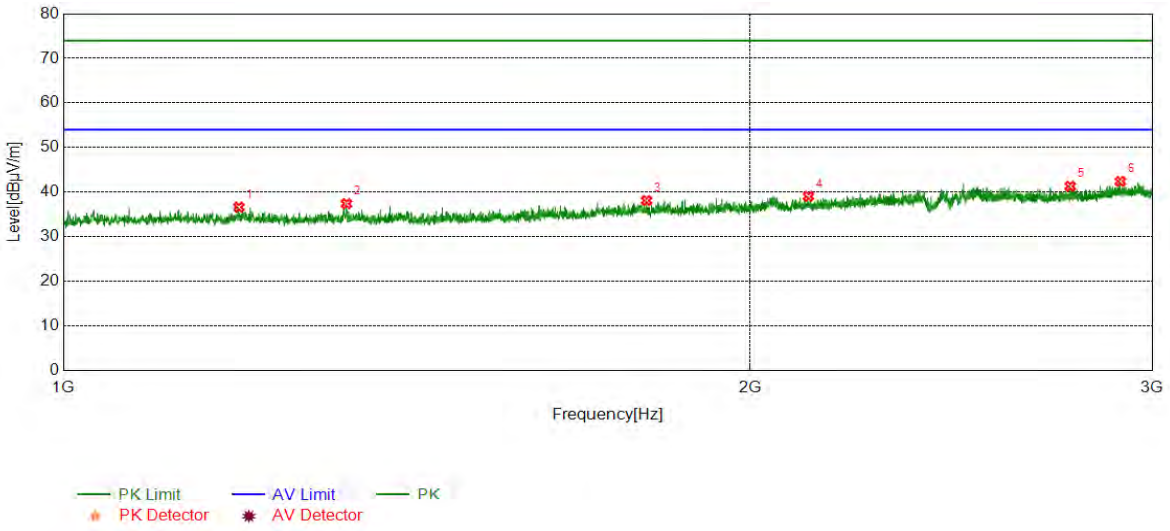
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Vertical	PASS

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1331.5414	47.07	-5.68	41.39	74.00	-32.61	Vertical
2	1483.8105	42.35	-5.80	36.55	74.00	-37.45	Vertical
3	1907.8635	42.11	-3.31	38.80	74.00	-35.20	Vertical
4	2318.9149	46.26	-1.66	44.60	74.00	-29.40	Vertical
5	2515.6895	43.78	-0.35	43.43	74.00	-30.57	Vertical
6	2909.4887	42.16	0.43	42.59	74.00	-31.41	Vertical

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

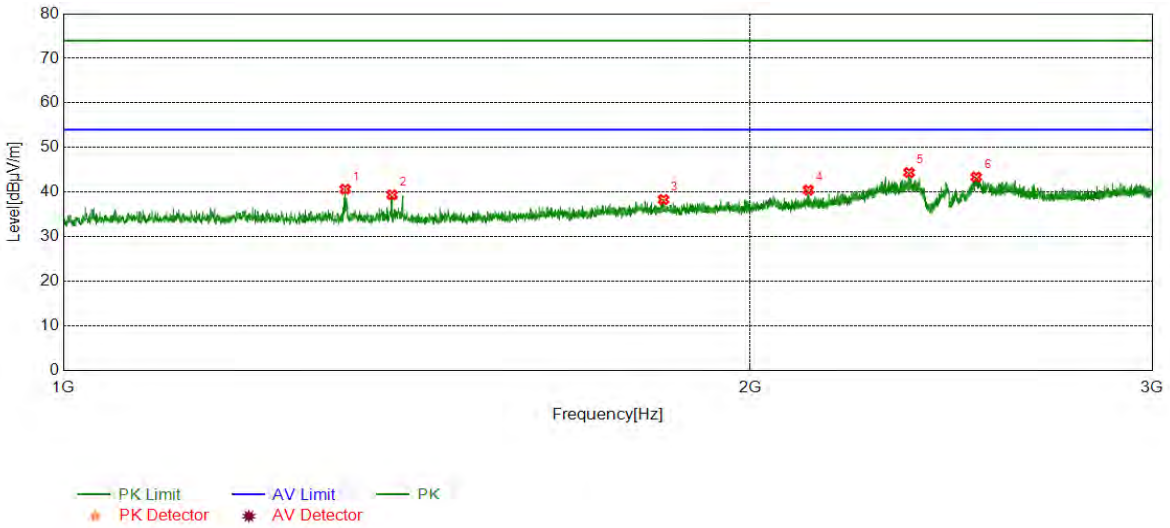
Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1193.7742	42.17	-5.57	36.60	74.00	-37.40	Horizontal
2	1330.7913	43.06	-5.68	37.38	74.00	-36.62	Horizontal
3	1801.3502	41.97	-3.88	38.09	74.00	-35.91	Horizontal
4	2120.8901	41.45	-2.40	39.05	74.00	-34.95	Horizontal
5	2762.2203	41.56	-0.26	41.30	74.00	-32.70	Horizontal
6	2905.2382	41.99	0.39	42.38	74.00	-31.62	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

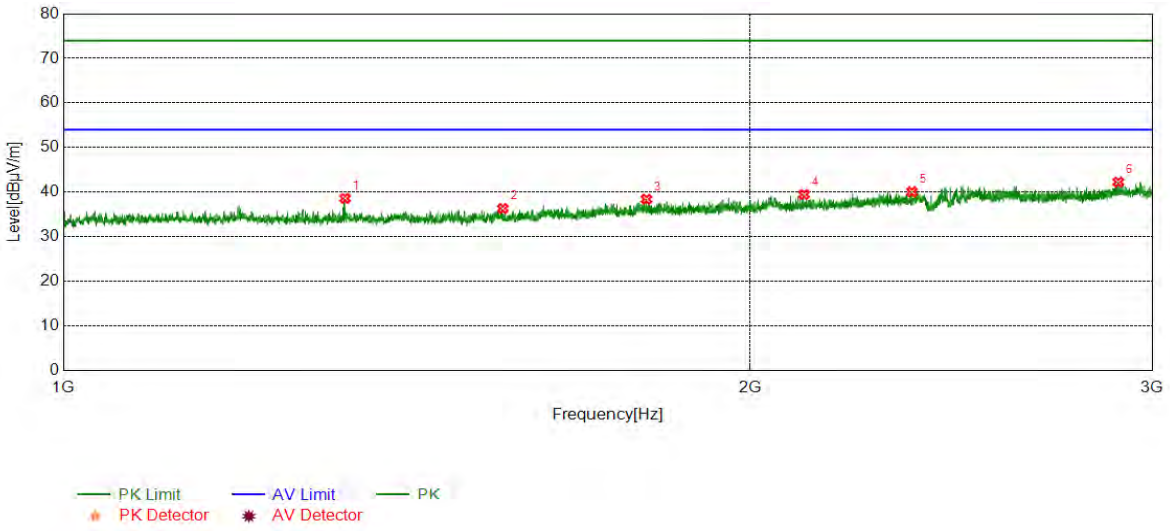
Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1329.0411	46.29	-5.67	40.62	74.00	-33.38	Vertical
2	1393.2992	45.09	-5.74	39.35	74.00	-34.65	Vertical
3	1832.3540	41.99	-3.69	38.30	74.00	-35.70	Vertical
4	2120.6401	42.85	-2.40	40.45	74.00	-33.55	Vertical
5	2347.6685	46.07	-1.71	44.36	74.00	-29.64	Vertical
6	2512.1890	43.74	-0.37	43.37	74.00	-30.63	Vertical

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

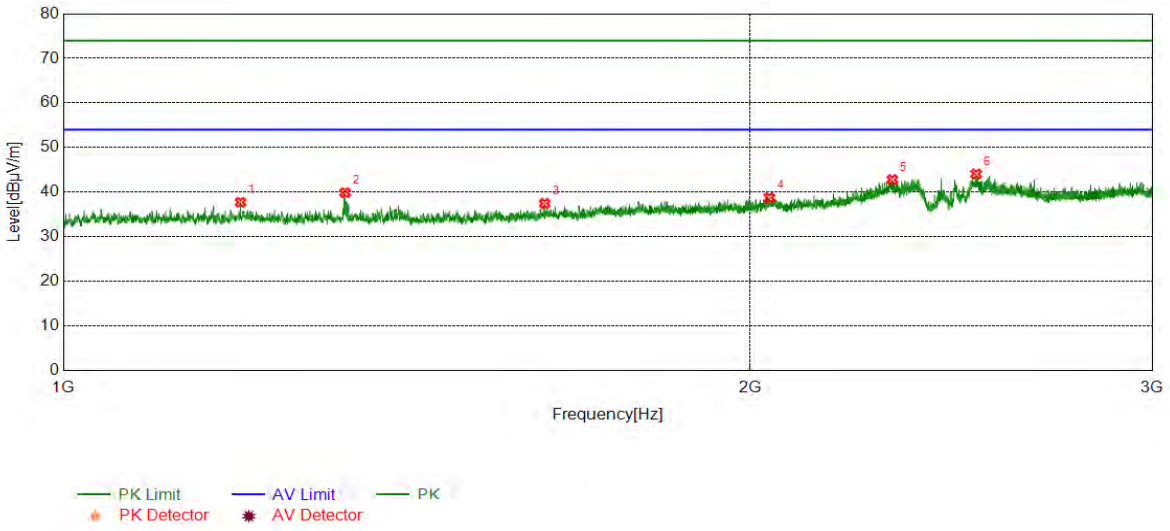
Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1328.7911	44.25	-5.67	38.58	74.00	-35.42	Horizontal
2	1558.0698	41.82	-5.53	36.29	74.00	-37.71	Horizontal
3	1801.1001	42.24	-3.87	38.37	74.00	-35.63	Horizontal
4	2111.6390	41.99	-2.53	39.46	74.00	-34.54	Horizontal
5	2354.4193	41.52	-1.46	40.06	74.00	-33.94	Horizontal
6	2899.2374	41.89	0.35	42.24	74.00	-31.76	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Vertical	PASS



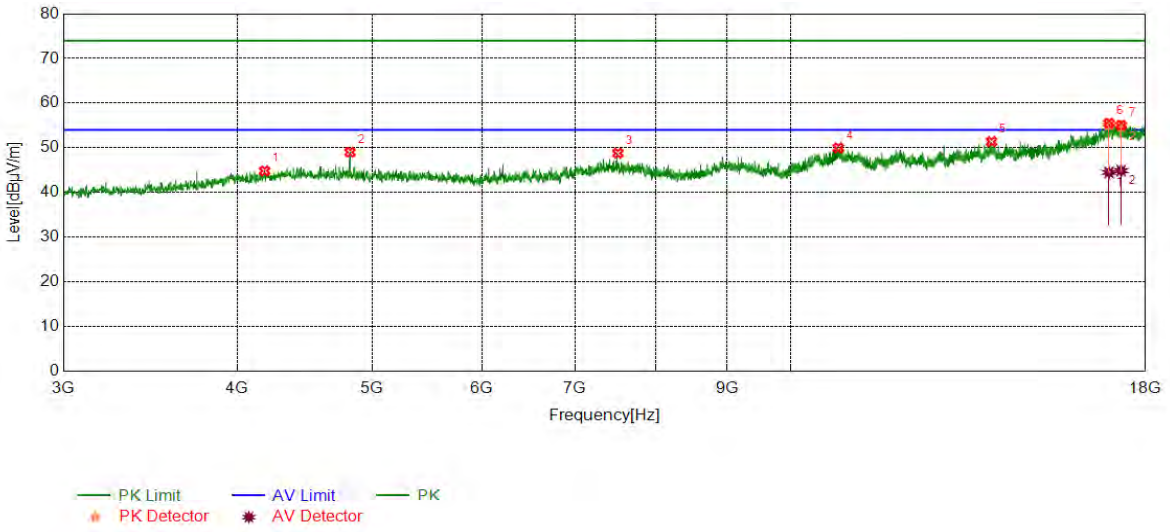
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1195.7745	43.27	-5.56	37.71	74.00	-36.29	Vertical
2	1328.7911	45.53	-5.67	39.86	74.00	-34.14	Vertical
3	1625.3282	42.47	-5.04	37.43	74.00	-36.57	Vertical
4	2038.8799	41.15	-2.43	38.72	74.00	-35.28	Vertical
5	2308.1635	44.47	-1.69	42.78	74.00	-31.22	Vertical
6	2511.9390	44.42	-0.37	44.05	74.00	-29.95	Vertical

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Part II: 3GHz~18GHz

HARMONICS AND SPURIOUS EMISSIONS

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



PK Result:

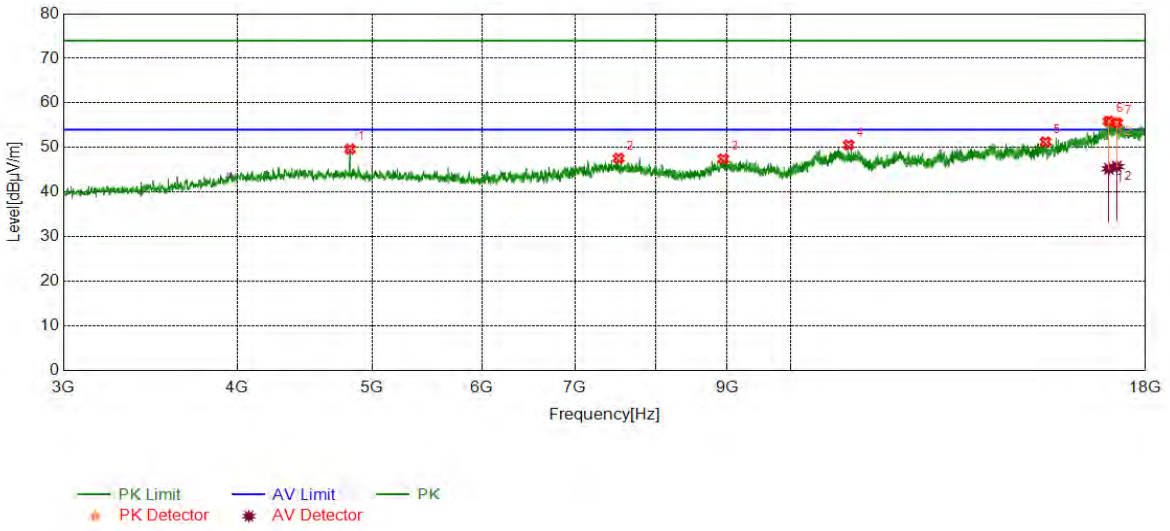
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4187.0234	40.28	4.52	44.80	74.00	-29.20	Horizontal
2	4822.7278	43.66	5.35	49.01	74.00	-24.99	Horizontal
3	7513.6892	40.09	8.67	48.76	74.00	-25.24	Horizontal
4	10823.4779	37.82	12.16	49.98	74.00	-24.02	Horizontal
5	13949.4937	37.13	14.24	51.37	74.00	-22.63	Horizontal
6	16942.3678	37.07	18.44	55.51	74.00	-18.49	Horizontal
7	17285.5357	37.31	17.76	55.07	74.00	-18.93	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16942.3678	26.03	18.44	44.47	54.00	-9.53	Horizontal
2	17285.5357	27.11	17.76	44.87	54.00	-9.13	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor;
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses;
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



PK Result:

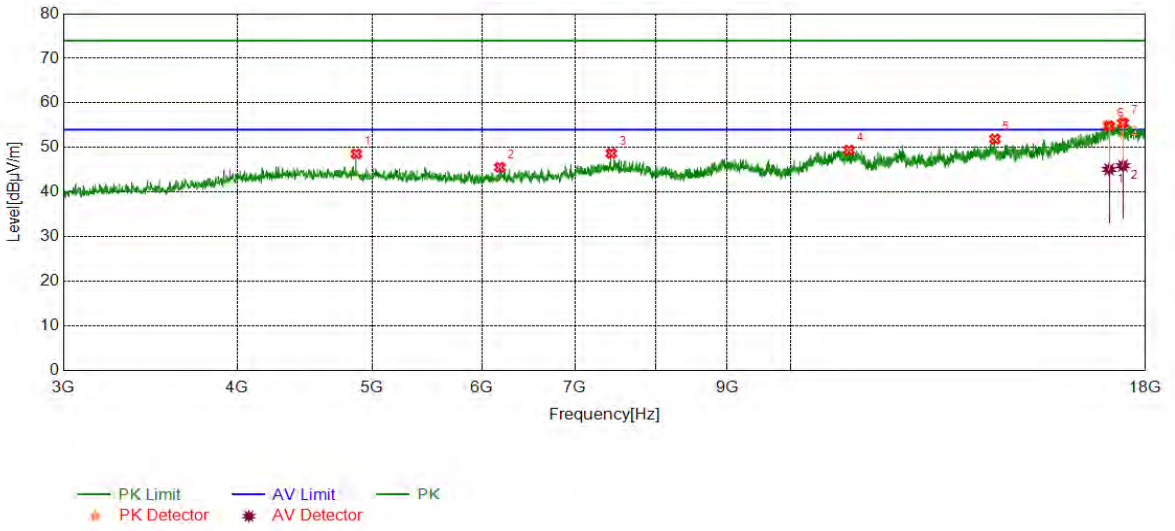
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4822.7278	44.28	5.35	49.63	74.00	-24.37	Vertical
2	7523.0654	38.81	8.76	47.57	74.00	-26.43	Vertical
3	8946.3683	38.45	8.98	47.43	74.00	-26.57	Vertical
4	11011.0014	38.10	12.47	50.57	74.00	-23.43	Vertical
5	15252.7816	36.48	14.78	51.26	74.00	-22.74	Vertical
6	16938.6173	37.46	18.45	55.91	74.00	-18.09	Vertical
7	17165.5207	37.23	18.31	55.54	74.00	-18.46	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16938.6173	26.77	18.45	45.22	54.00	-8.78	Vertical
2	17165.5207	27.39	18.31	45.70	54.00	-8.30	Vertical

Note: 1. Measurement = Reading Level + Correct Factor;
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses;
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



PK Result:

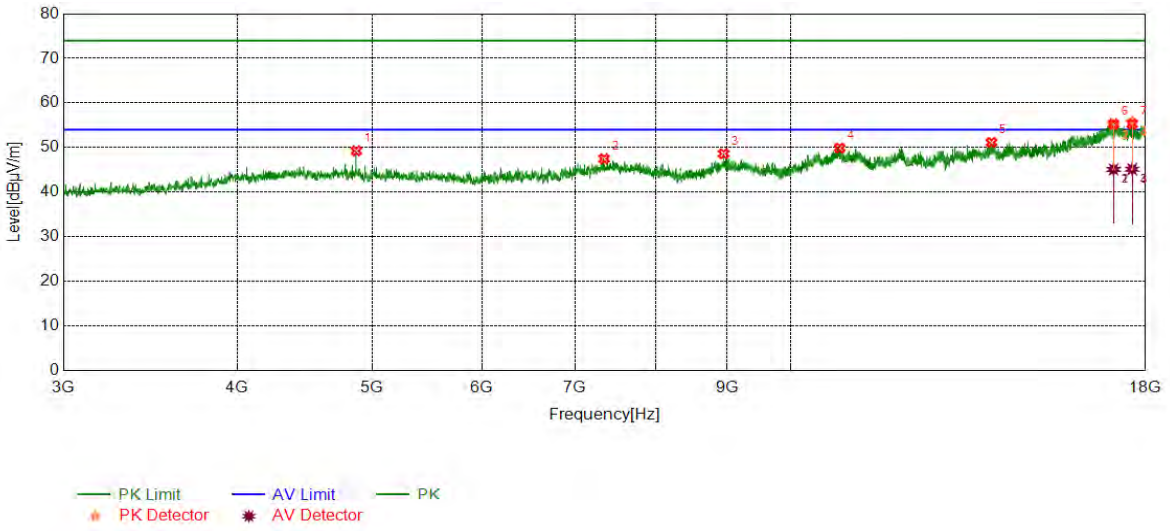
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4873.3592	43.26	5.32	48.58	74.00	-25.42	Horizontal
2	6180.3976	39.60	5.95	45.55	74.00	-28.45	Horizontal
3	7433.0541	40.10	8.57	48.67	74.00	-25.33	Horizontal
4	11016.6271	36.90	12.52	49.42	74.00	-24.58	Horizontal
5	14028.2535	37.26	14.65	51.91	74.00	-22.09	Horizontal
6	16946.1183	36.45	18.39	54.84	74.00	-19.16	Horizontal
7	17338.0423	37.93	17.55	55.48	74.00	-18.52	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16946.1183	26.69	18.39	45.08	54.00	-8.92	Horizontal
2	17338.0423	28.34	17.55	45.89	54.00	-8.11	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor;
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses;
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



PK Result:

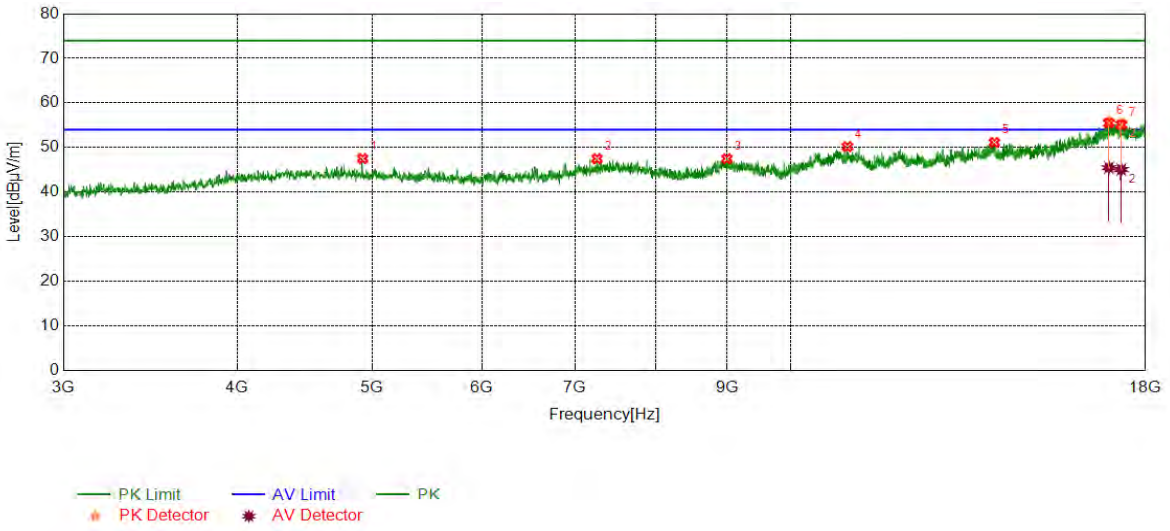
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4873.3592	43.92	5.32	49.24	74.00	-24.76	Vertical
2	7344.9181	38.94	8.51	47.45	74.00	-26.55	Vertical
3	8951.9940	39.54	9.06	48.60	74.00	-25.40	Vertical
4	10847.8560	37.51	12.37	49.88	74.00	-24.12	Vertical
5	13947.6185	36.86	14.27	51.13	74.00	-22.87	Vertical
6	17071.7590	36.17	19.11	55.28	74.00	-18.72	Vertical
7	17604.3255	37.63	17.64	55.27	74.00	-18.73	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17071.7590	25.97	19.11	45.08	54.00	-8.92	Vertical
2	17071.7590	25.91	19.11	45.02	54.00	-8.98	Vertical
3	17604.3255	27.49	17.64	45.13	54.00	-8.87	Vertical
4	17604.3255	27.18	17.64	44.82	54.00	-9.18	Vertical

Note: 1. Measurement = Reading Level + Correct Factor;
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses;
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



PK Result:

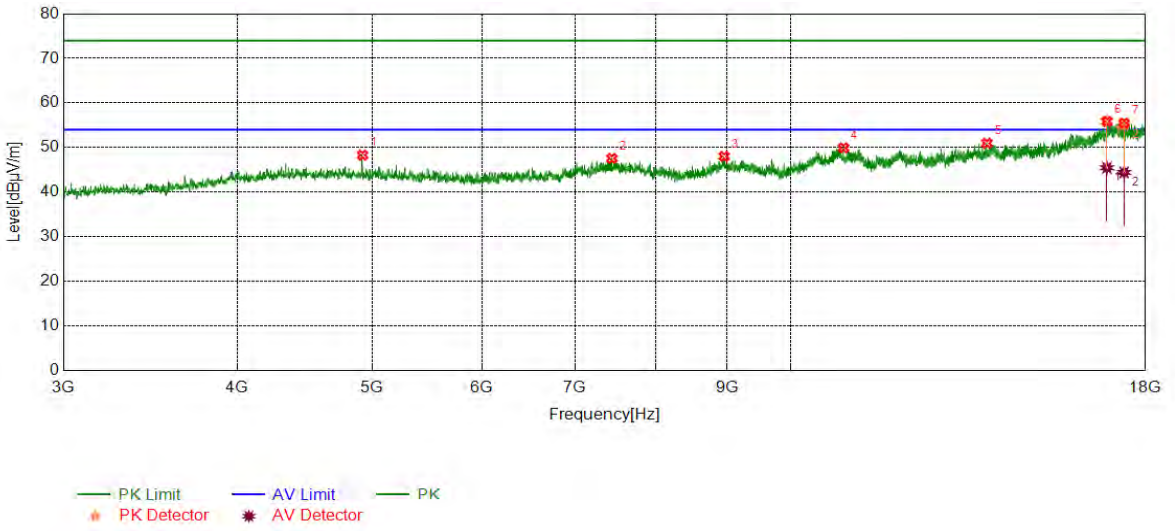
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4923.9905	42.32	5.18	47.50	74.00	-26.50	Horizontal
2	7258.6573	38.80	8.68	47.48	74.00	-26.52	Horizontal
3	9000.7501	38.37	9.09	47.46	74.00	-26.54	Horizontal
4	10988.4986	37.86	12.31	50.17	74.00	-23.83	Horizontal
5	14013.2517	36.82	14.29	51.11	74.00	-22.89	Horizontal
6	16940.4926	37.01	18.46	55.47	74.00	-18.53	Horizontal
7	17291.1614	37.26	17.89	55.15	74.00	-18.85	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16940.4926	26.99	18.46	45.45	54.00	-8.55	Horizontal
2	17291.1614	27.15	17.89	45.04	54.00	-8.96	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor;
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses;
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



PK Result:

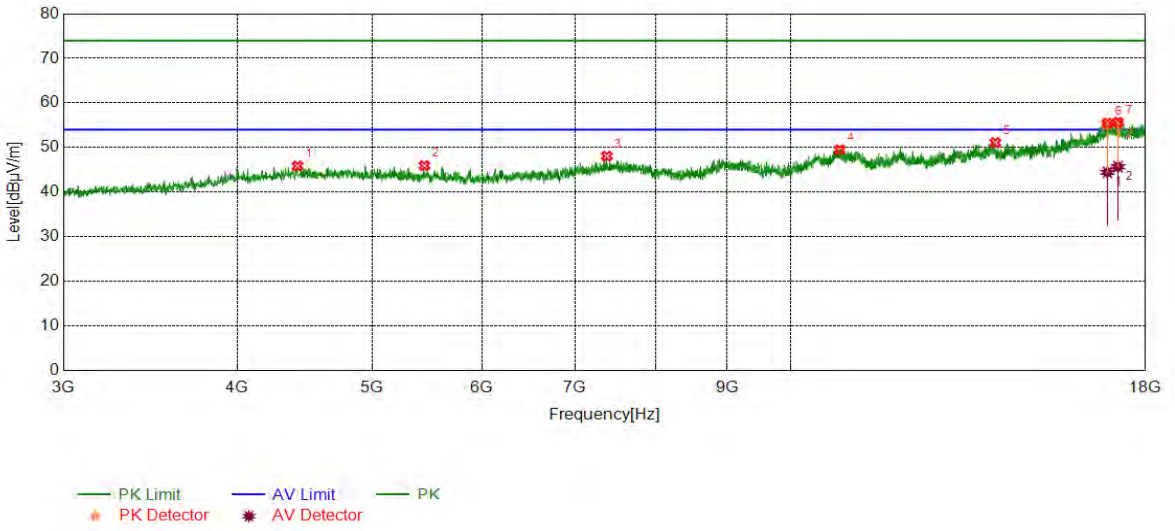
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4923.9905	43.10	5.18	48.28	74.00	-25.72	Vertical
2	7440.5551	38.89	8.65	47.54	74.00	-26.46	Vertical
3	8959.4949	38.94	9.05	47.99	74.00	-26.01	Vertical
4	10915.3644	37.68	12.25	49.93	74.00	-24.07	Vertical
5	13844.4806	37.43	13.51	50.94	74.00	-23.06	Vertical
6	16884.2355	38.05	17.77	55.82	74.00	-18.18	Vertical
7	17371.7965	36.95	18.52	55.47	74.00	-18.53	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16884.2355	27.67	17.77	45.44	54.00	-8.56	Vertical
2	17371.7965	25.88	18.52	44.40	54.00	-9.60	Vertical

Note: 1. Measurement = Reading Level + Correct Factor;
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses;
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



PK Result:

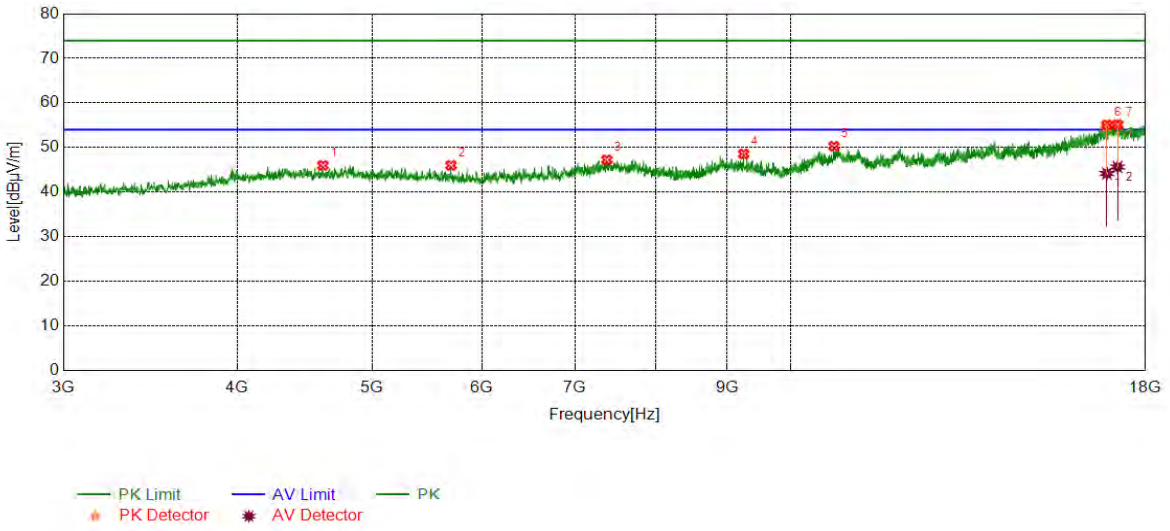
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4421.4277	40.58	5.25	45.83	74.00	-28.17	Horizontal
2	5454.6818	40.17	5.74	45.91	74.00	-28.09	Horizontal
3	7378.6723	39.46	8.58	48.04	74.00	-25.96	Horizontal
4	10849.7312	37.07	12.43	49.50	74.00	-24.50	Horizontal
5	14035.7545	36.65	14.43	51.08	74.00	-22.92	Horizontal
6	16897.3622	37.47	17.95	55.42	74.00	-18.58	Horizontal
7	17197.3997	37.35	18.31	55.66	74.00	-18.34	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16897.3622	26.48	17.95	44.43	54.00	-9.57	Horizontal
2	17197.3997	27.38	18.31	45.69	54.00	-8.31	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor;
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses;
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



PK Result:

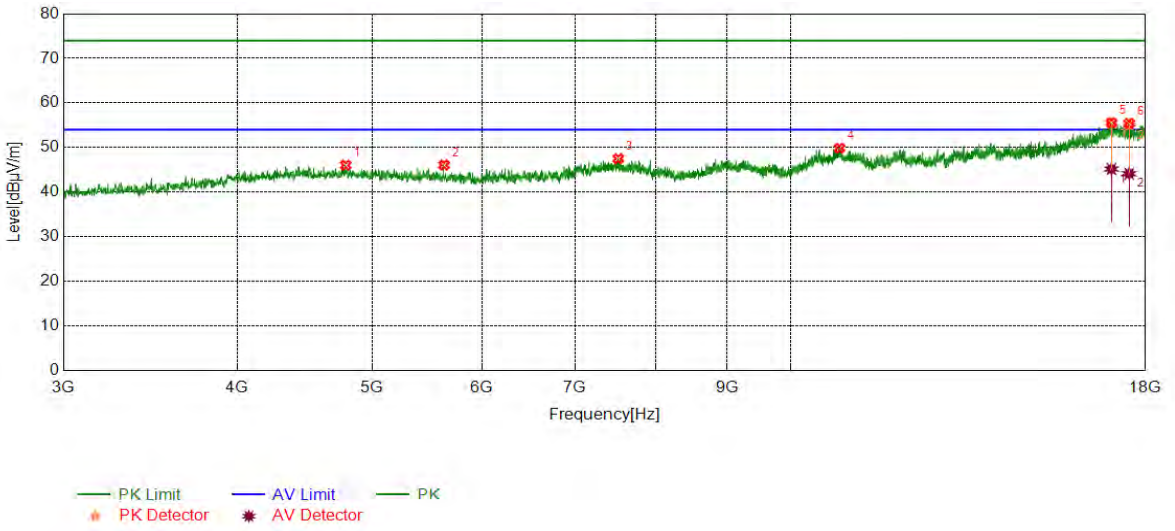
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4610.8264	40.66	5.31	45.97	74.00	-28.03	Vertical
2	5700.3375	40.65	5.33	45.98	74.00	-28.02	Vertical
3	7378.6723	38.64	8.58	47.22	74.00	-26.78	Vertical
4	9253.9067	39.70	8.86	48.56	74.00	-25.44	Vertical
5	10746.5933	38.18	12.09	50.27	74.00	-23.73	Vertical
6	16884.2355	37.33	17.77	55.10	74.00	-18.90	Vertical
7	17186.1483	37.00	18.13	55.13	74.00	-18.87	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16884.2355	26.39	17.77	44.16	54.00	-9.84	Vertical
2	17186.1483	27.48	18.13	45.61	54.00	-8.39	Vertical

Note: 1. Measurement = Reading Level + Correct Factor;
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses;
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS



PK Result:

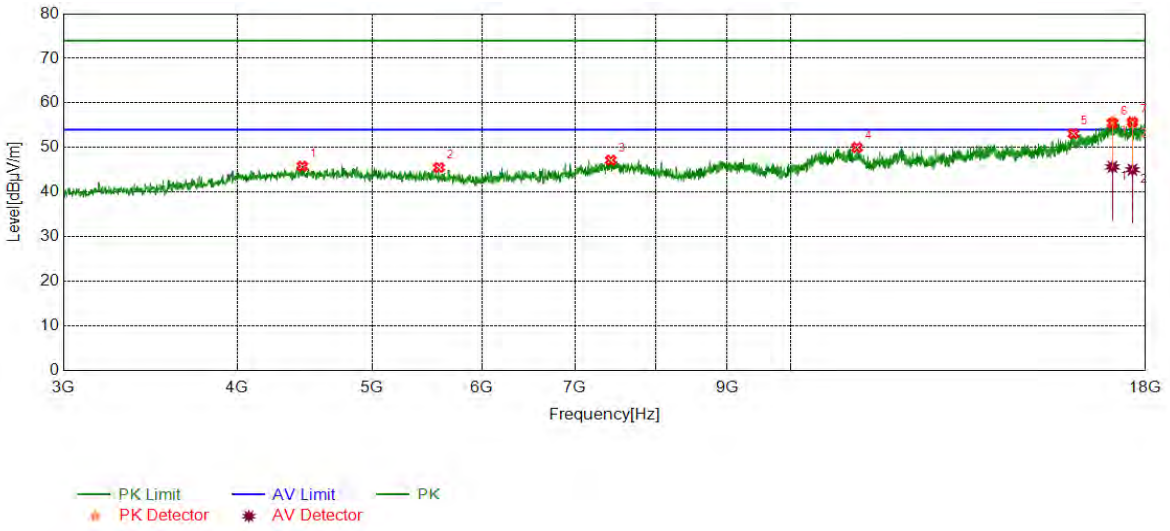
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4788.9736	39.94	6.09	46.03	74.00	-27.97	Horizontal
2	5634.7043	40.66	5.40	46.06	74.00	-27.94	Horizontal
3	7519.3149	38.72	8.76	47.48	74.00	-26.52	Horizontal
4	10844.1055	37.56	12.26	49.82	74.00	-24.18	Horizontal
5	17011.7515	37.08	18.49	55.57	74.00	-18.43	Horizontal
6	17519.9400	37.66	17.72	55.38	74.00	-18.62	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17011.7515	26.67	18.49	45.16	54.00	-8.84	Horizontal
2	17519.9400	26.39	17.72	44.11	54.00	-9.89	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor;
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses;
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS



PK Result:

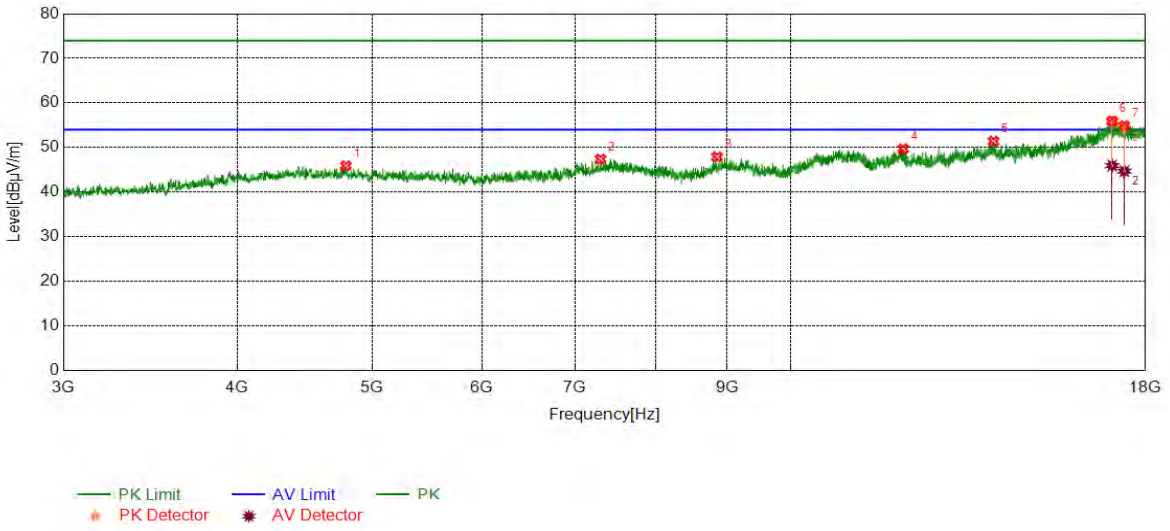
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4457.0571	40.06	5.72	45.78	74.00	-28.22	Vertical
2	5587.8235	40.05	5.44	45.49	74.00	-28.51	Vertical
3	7427.4284	38.58	8.56	47.14	74.00	-26.86	Vertical
4	11164.7706	37.99	12.00	49.99	74.00	-24.01	Vertical
5	15972.8716	37.28	15.82	53.10	74.00	-20.90	Vertical
6	17039.8800	36.54	18.89	55.43	74.00	-18.57	Vertical
7	17613.7017	37.91	17.78	55.69	74.00	-18.31	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17039.8800	26.75	18.89	45.64	54.00	-8.36	Vertical
2	17613.7017	27.22	17.78	45.00	54.00	-9.00	Vertical

Note: 1. Measurement = Reading Level + Correct Factor;
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses;
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



PK Result:

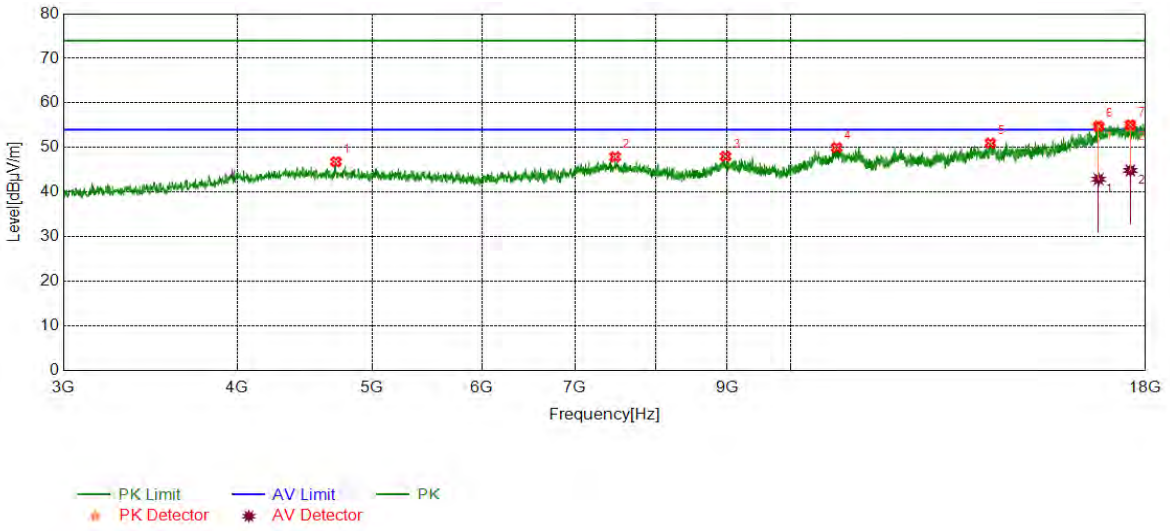
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4790.8489	39.76	6.10	45.86	74.00	-28.14	Horizontal
2	7301.7877	38.86	8.53	47.39	74.00	-26.61	Horizontal
3	8854.4818	39.64	8.24	47.88	74.00	-26.12	Horizontal
4	12049.8812	37.04	12.64	49.68	74.00	-24.32	Horizontal
5	13996.3745	37.14	14.24	51.38	74.00	-22.62	Horizontal
6	17032.3790	36.93	19.00	55.93	74.00	-18.07	Horizontal
7	17379.2974	36.29	18.60	54.89	74.00	-19.11	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17032.3790	26.92	19.00	45.92	54.00	-8.08	Horizontal
2	17379.2974	26.08	18.60	44.68	54.00	-9.32	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor;
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses;
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



PK Result:

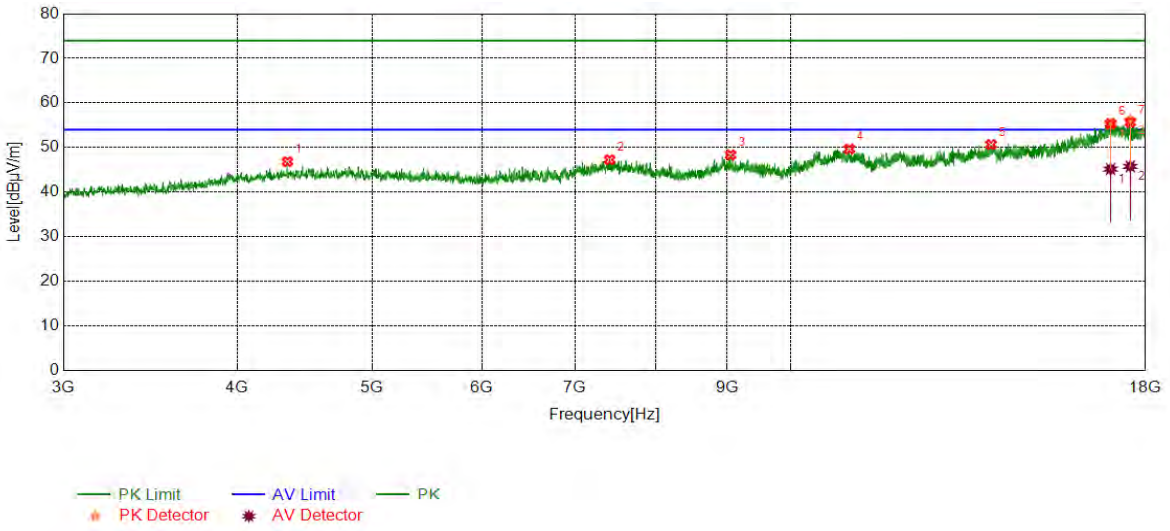
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4712.0890	41.14	5.65	46.79	74.00	-27.21	Vertical
2	7479.9350	39.06	8.84	47.90	74.00	-26.10	Vertical
3	8980.1225	39.07	8.92	47.99	74.00	-26.01	Vertical
4	10793.4742	37.90	12.08	49.98	74.00	-24.02	Vertical
5	13923.2404	36.81	14.16	50.97	74.00	-23.03	Vertical
6	16653.5817	38.01	16.79	54.80	74.00	-19.20	Vertical
7	17551.8190	37.04	18.05	55.09	74.00	-18.91	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16653.5817	26.09	16.79	42.88	54.00	-11.12	Vertical
2	17551.8190	26.79	18.05	44.84	54.00	-9.16	Vertical

Note: 1. Measurement = Reading Level + Correct Factor;
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses;
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Horizontal	PASS



PK Result:

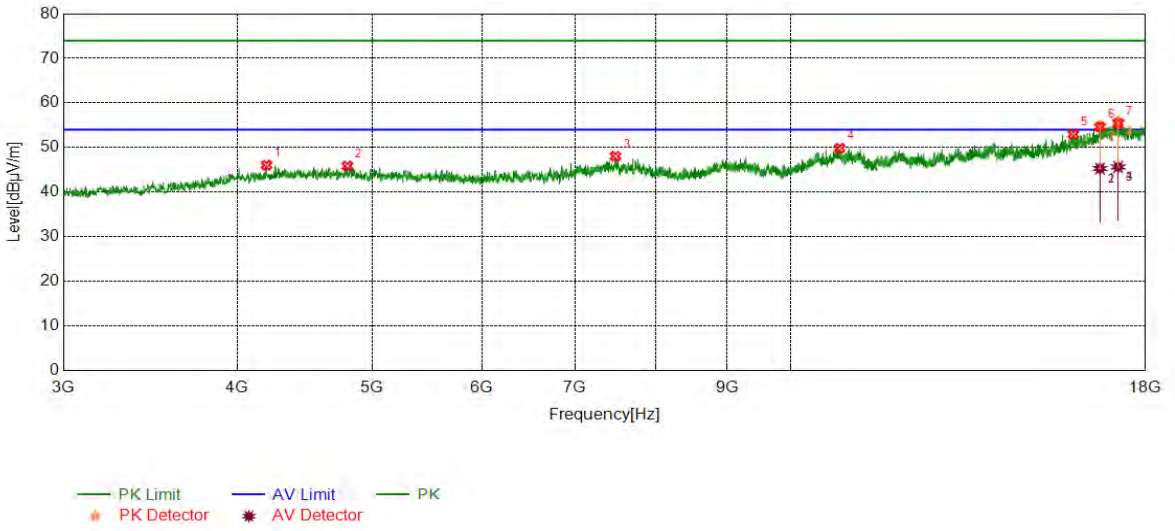
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4348.2935	41.55	5.28	46.83	74.00	-27.17	Horizontal
2	7412.4266	38.60	8.65	47.25	74.00	-26.75	Horizontal
3	9055.1319	39.42	8.90	48.32	74.00	-25.68	Horizontal
4	11022.2528	37.15	12.50	49.65	74.00	-24.35	Horizontal
5	13938.2423	36.24	14.40	50.64	74.00	-23.36	Horizontal
6	16987.3734	36.59	18.77	55.36	74.00	-18.64	Horizontal
7	17549.9437	37.56	18.08	55.64	74.00	-18.36	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16987.3734	26.37	18.77	45.14	54.00	-8.86	Horizontal
2	17549.9437	27.67	18.08	45.75	54.00	-8.25	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor;
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses;
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Vertical	PASS



PK Result:

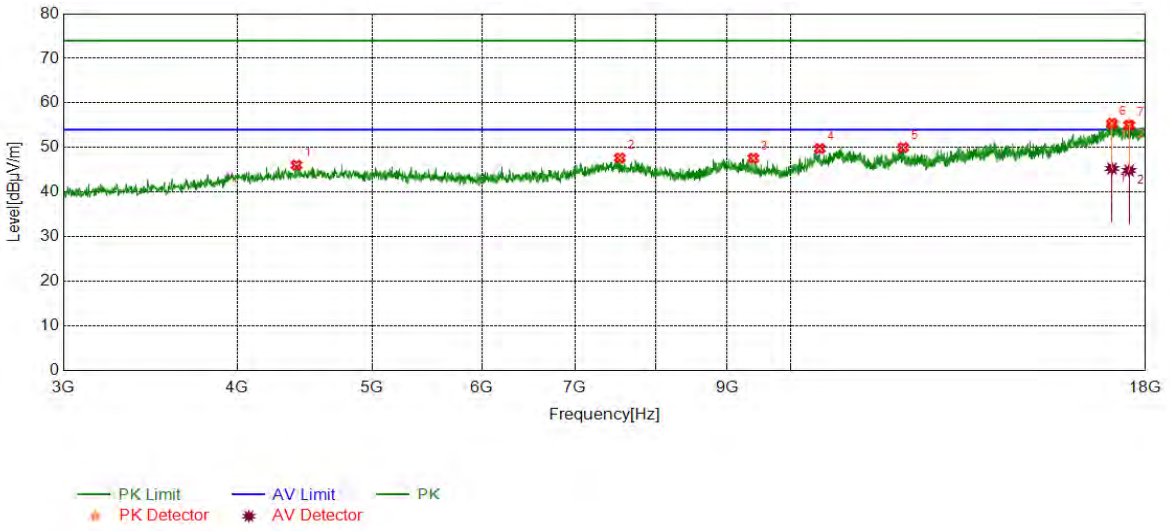
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4200.1500	41.25	4.77	46.02	74.00	-27.98	Vertical
2	4802.1003	40.24	5.58	45.82	74.00	-28.18	Vertical
3	7483.6855	39.26	8.75	48.01	74.00	-25.99	Vertical
4	10845.9807	37.49	12.32	49.81	74.00	-24.19	Vertical
5	15970.9964	37.11	15.85	52.96	74.00	-21.04	Vertical
6	16691.0864	36.45	18.17	54.62	74.00	-19.38	Vertical
7	17201.1501	37.10	18.30	55.40	74.00	-18.60	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16691.0864	27.10	18.17	45.27	54.00	-8.73	Vertical
2	16691.0864	26.90	18.17	45.07	54.00	-8.93	Vertical
3	17201.1501	27.32	18.30	45.62	54.00	-8.38	Vertical
4	17201.1501	27.35	18.30	45.65	54.00	-8.35	Vertical

Note: 1. Measurement = Reading Level + Correct Factor;
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses;
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Horizontal	PASS



PK Result:

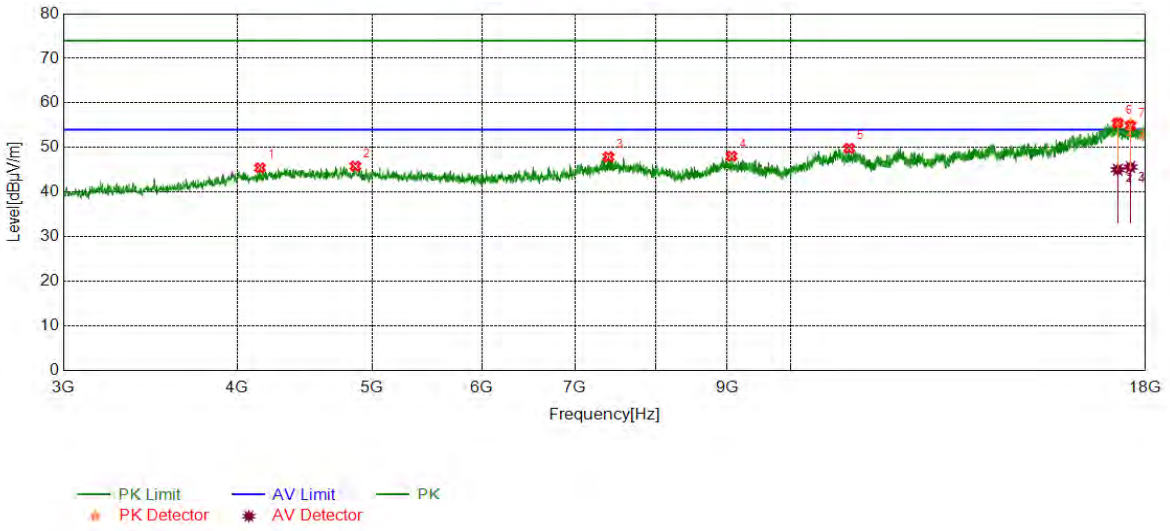
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4413.9267	40.80	5.23	46.03	74.00	-27.97	Horizontal
2	7538.0673	38.92	8.72	47.64	74.00	-26.36	Horizontal
3	9402.0503	39.11	8.46	47.57	74.00	-26.43	Horizontal
4	10495.3119	38.16	11.59	49.75	74.00	-24.25	Horizontal
5	12051.7565	37.34	12.64	49.98	74.00	-24.02	Horizontal
6	17026.7533	36.57	18.81	55.38	74.00	-18.62	Horizontal
7	17516.1895	37.28	17.74	55.02	74.00	-18.98	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17026.7533	26.46	18.81	45.27	54.00	-8.73	Horizontal
2	17516.1895	27.07	17.74	44.81	54.00	-9.19	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor;
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses;
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Vertical	PASS



PK Result:

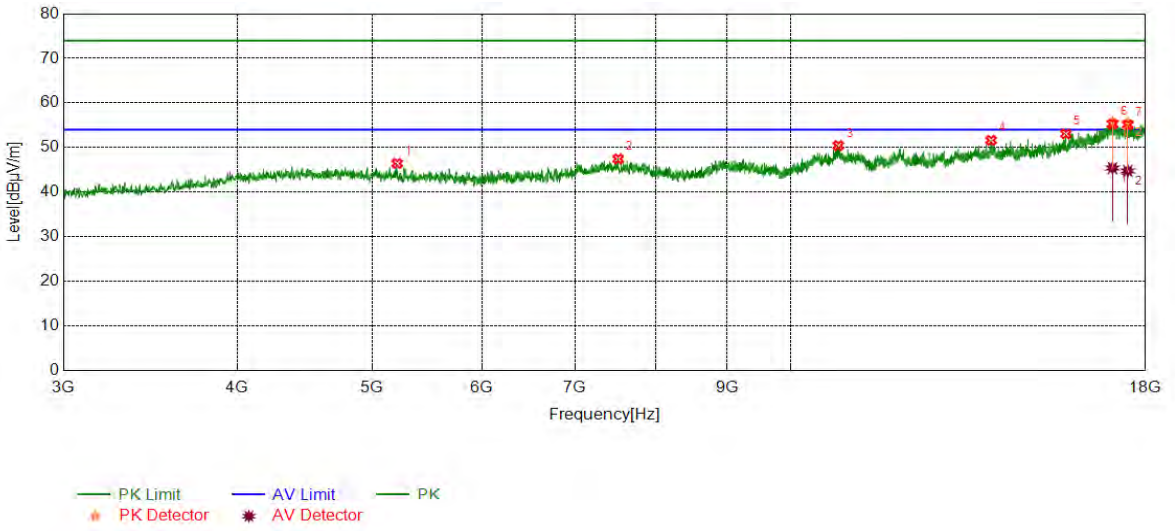
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4155.1444	40.63	4.80	45.43	74.00	-28.57	Vertical
2	4865.8582	40.45	5.34	45.79	74.00	-28.21	Vertical
3	7399.2999	39.20	8.68	47.88	74.00	-26.12	Vertical
4	9070.1338	39.19	8.84	48.03	74.00	-25.97	Vertical
5	11018.5023	37.29	12.54	49.83	74.00	-24.17	Vertical
6	17189.8987	37.33	18.18	55.51	74.00	-18.49	Vertical
7	17555.5694	36.93	17.98	54.91	74.00	-19.09	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17189.8987	26.82	18.18	45.00	54.00	-9.00	Vertical
2	17189.8987	27.03	18.18	45.21	54.00	-8.79	Vertical
3	17555.5694	27.62	17.98	45.60	54.00	-8.40	Vertical
4	17555.5694	27.05	17.98	45.03	54.00	-8.97	Vertical

Note: 1. Measurement = Reading Level + Correct Factor;
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses;
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Horizontal	PASS



PK Result:

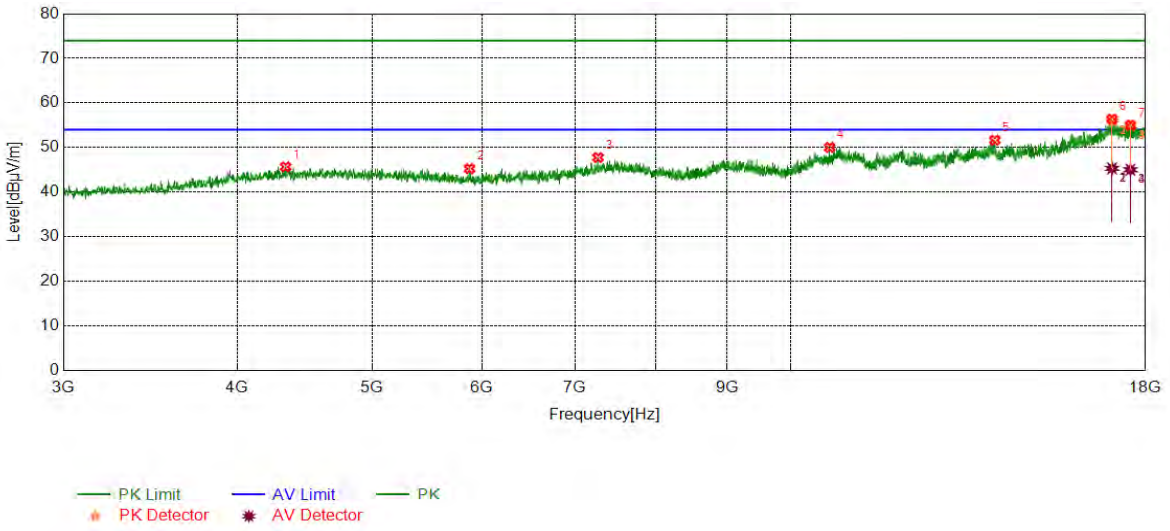
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5214.6518	40.96	5.46	46.42	74.00	-27.58	Horizontal
2	7517.4397	38.70	8.73	47.43	74.00	-26.57	Horizontal
3	10823.4779	38.26	12.16	50.42	74.00	-23.58	Horizontal
4	13938.2423	37.21	14.40	51.61	74.00	-22.39	Horizontal
5	15777.8472	37.80	15.26	53.06	74.00	-20.94	Horizontal
6	17041.7552	36.43	18.83	55.26	74.00	-18.74	Horizontal
7	17476.8096	37.27	17.80	55.07	74.00	-18.93	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17041.7552	26.56	18.83	45.39	54.00	-8.61	Horizontal
2	17476.8096	26.94	17.80	44.74	54.00	-9.26	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor;
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses;
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4335.1669	40.42	5.22	45.64	74.00	-28.36	Vertical
2	5878.4848	39.95	5.27	45.22	74.00	-28.78	Vertical
3	7271.7840	39.14	8.60	47.74	74.00	-26.26	Vertical
4	10669.7087	38.24	11.77	50.01	74.00	-23.99	Vertical
5	14026.3783	37.09	14.55	51.64	74.00	-22.36	Vertical
6	17030.5038	37.32	19.03	56.35	74.00	-17.65	Vertical
7	17555.5694	37.03	17.98	55.01	74.00	-18.99	Vertical

AV Result:

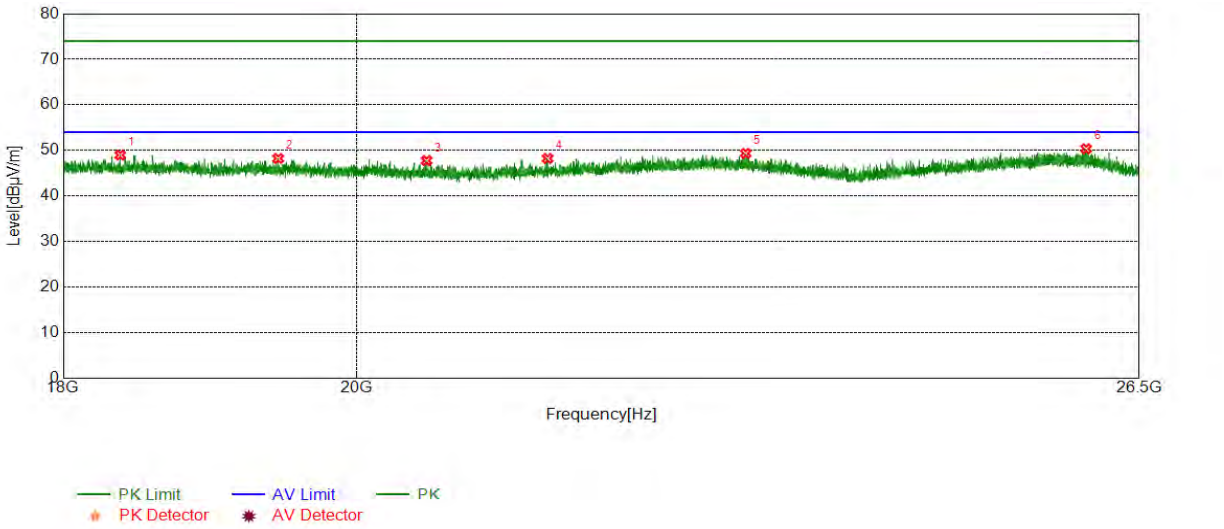
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17030.5038	26.27	19.03	45.30	54.00	-8.70	Vertical
2	17030.5038	26.31	19.03	45.34	54.00	-8.66	Vertical
3	17555.5694	27.01	17.98	44.99	54.00	-9.01	Vertical
4	17555.5694	27.14	17.98	45.12	54.00	-8.88	Vertical

Note: 1. Measurement = Reading Level + Correct Factor;
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses;
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Part III: 18GHz~26.5GHz

SPURIOUS EMISSIONS 18GHz TO 26.5GHz (WORST-CASE CONFIGURATION)

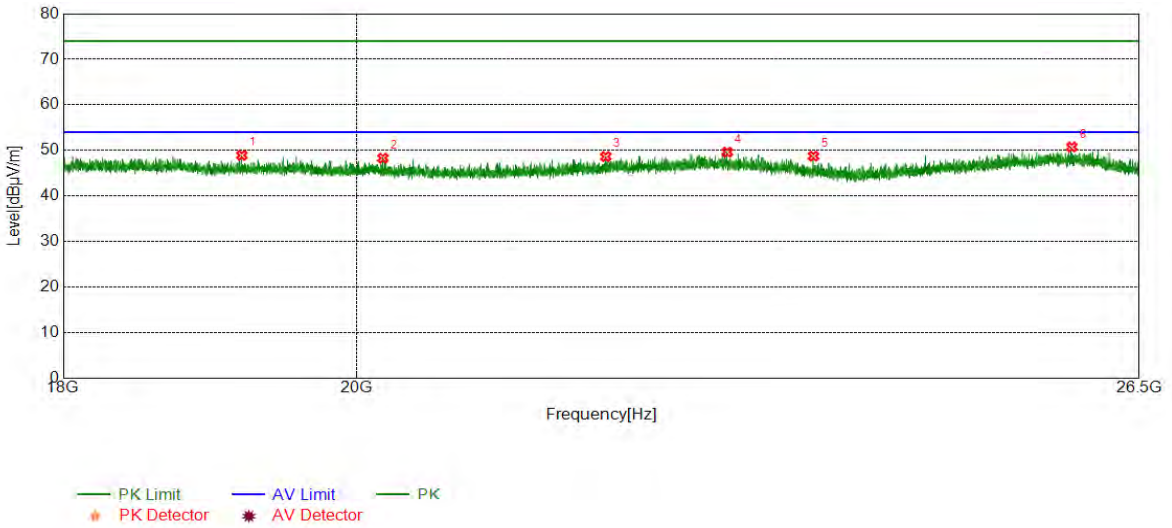
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	18372.3372	49.96	-0.98	48.98	74.00	-25.02	Horizontal
2	19445.9946	48.99	-0.76	48.23	74.00	-25.77	Horizontal
3	20512.0012	48.46	-0.70	47.76	74.00	-26.24	Horizontal
4	21424.1424	48.82	-0.59	48.23	74.00	-25.77	Horizontal
5	23006.1506	48.14	1.22	49.36	74.00	-24.64	Horizontal
6	26001.0001	48.70	1.66	50.36	74.00	-23.64	Horizontal

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



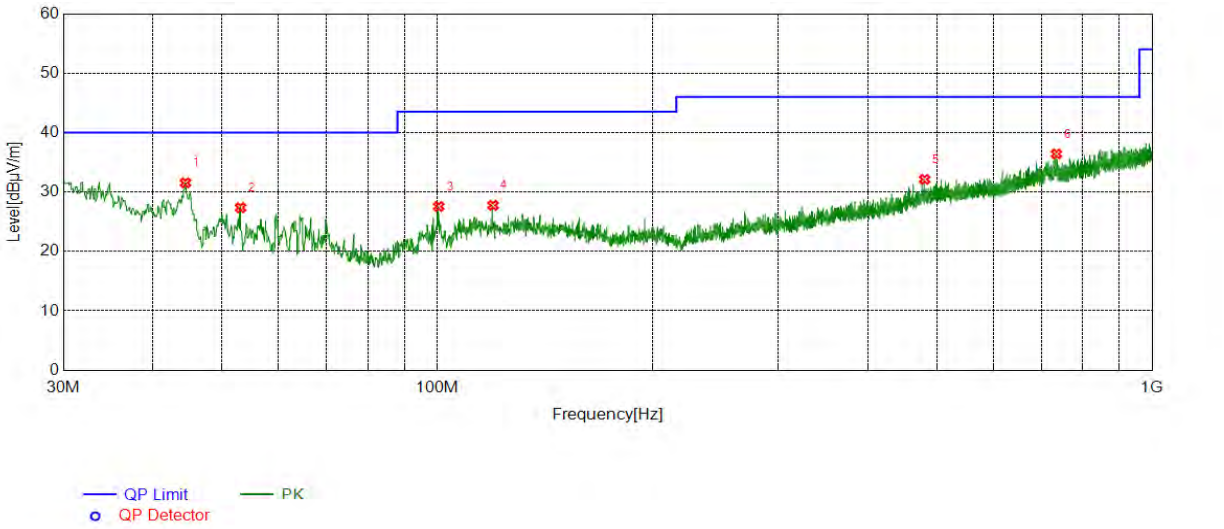
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	19193.5194	49.89	-0.97	48.92	74.00	-25.08	Vertical
2	20192.3692	48.91	-0.60	48.31	74.00	-25.69	Vertical
3	21877.2377	48.64	0.00	48.64	74.00	-25.36	Vertical
4	22853.9854	48.50	1.12	49.62	74.00	-24.38	Vertical
5	23573.1573	49.05	-0.30	48.75	74.00	-25.25	Vertical
6	25867.5368	49.30	1.45	50.75	74.00	-23.25	Vertical

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Part IV: 30MHz~1GHz

SPURIOUS EMISSIONS 30M TO 1GHz (WORST-CASE CONFIGURATION)

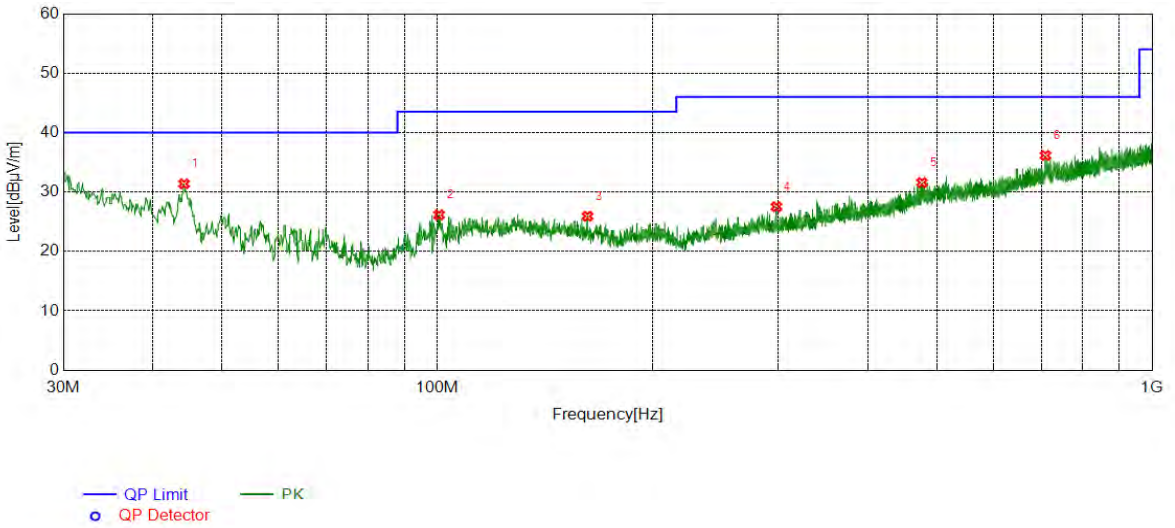
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	44.4544	13.61	17.94	31.55	40.00	-8.45	Horizontal
2	53.0883	12.98	14.39	27.37	40.00	-12.63	Horizontal
3	100.5261	10.58	16.98	27.56	43.50	-15.94	Horizontal
4	119.7340	7.43	20.33	27.76	43.50	-15.74	Horizontal
5	480.7071	6.93	25.20	32.13	46.00	-13.87	Horizontal
6	734.7755	7.44	28.97	36.41	46.00	-9.59	Horizontal

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

Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



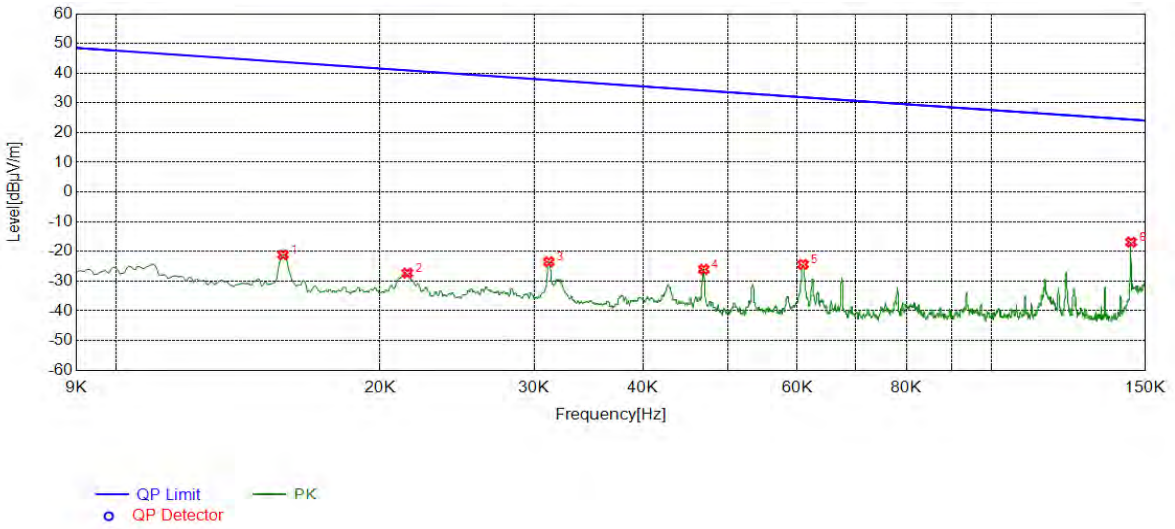
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	44.2604	13.32	18.06	31.38	40.00	-8.62	Vertical
2	100.6231	9.14	17.00	26.14	43.50	-17.36	Vertical
3	162.3212	7.24	18.69	25.93	43.50	-17.57	Vertical
4	298.2318	7.02	20.49	27.51	46.00	-18.49	Vertical
5	476.5357	6.51	25.09	31.60	46.00	-14.40	Vertical
6	709.2619	7.46	28.69	36.15	46.00	-9.85	Vertical

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

Part V: 9KHz~30MHz

SPURIOUS EMISSIONS Below 30MHz (WORST CASE CONFIGURATION-FACE ON)

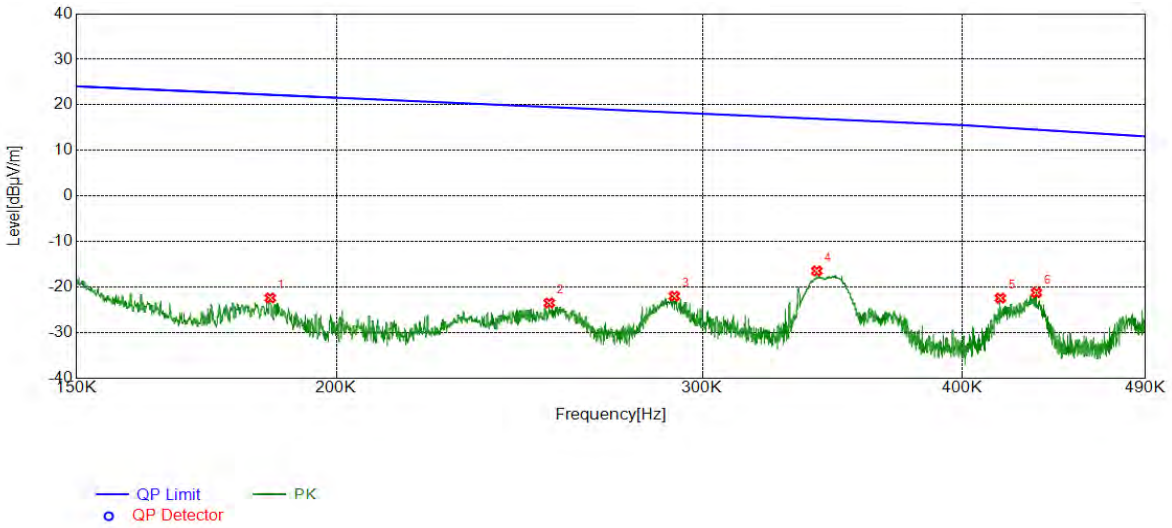
Test Mode	Channel	Frequency Range	Verdict
11B	HCH	9kHz~150kHz	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	0.0155	39.86	-60.98	-21.12	43.77	-64.89	Horizontal
2	0.0215	33.52	-60.86	-27.34	40.97	-68.31	Horizontal
3	0.0312	37.43	-60.92	-23.49	37.71	-61.20	Horizontal
4	0.0469	35.00	-61.02	-26.02	34.18	-60.20	Horizontal
5	0.0609	36.85	-61.21	-24.36	31.91	-56.27	Horizontal
6	0.1444	44.36	-61.25	-16.89	24.41	-41.30	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
3. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

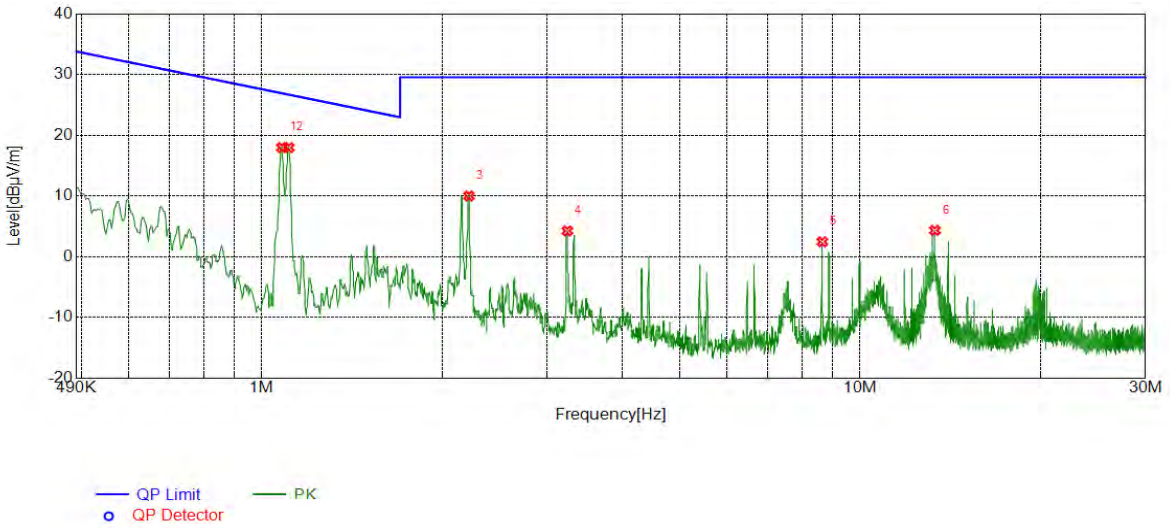
Test Mode	Channel	Frequency Range	Verdict
11B	HCH	150kHz~490kHz	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	0.1859	38.74	-61.13	-22.39	22.22	-44.61	Vertical
2	0.2532	37.31	-60.80	-23.49	19.53	-43.02	Vertical
3	0.2908	38.78	-60.77	-21.99	18.33	-40.32	Vertical
4	0.3405	44.27	-60.73	-16.46	16.96	-33.42	Vertical
5	0.4172	38.24	-60.67	-22.43	15.05	-37.48	Vertical
6	0.4342	39.42	-60.65	-21.23	14.56	-35.79	Vertical

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
3. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

Test Mode	Channel	Frequency Range	Verdict
11B	HCH	490kHz~30MHz	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1.0803	38.32	-20.34	17.98	26.94	-8.96	Vertical
2	1.1098	38.32	-20.34	17.98	26.70	-8.72	Vertical
3	2.2195	30.27	-20.27	10.00	29.54	-19.54	Vertical
4	3.2406	24.61	-20.37	4.24	29.54	-25.30	Vertical
5	8.6474	21.64	-19.19	2.45	29.54	-27.09	Vertical
6	13.3340	23.47	-19.14	4.33	29.54	-25.21	Vertical

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
3. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

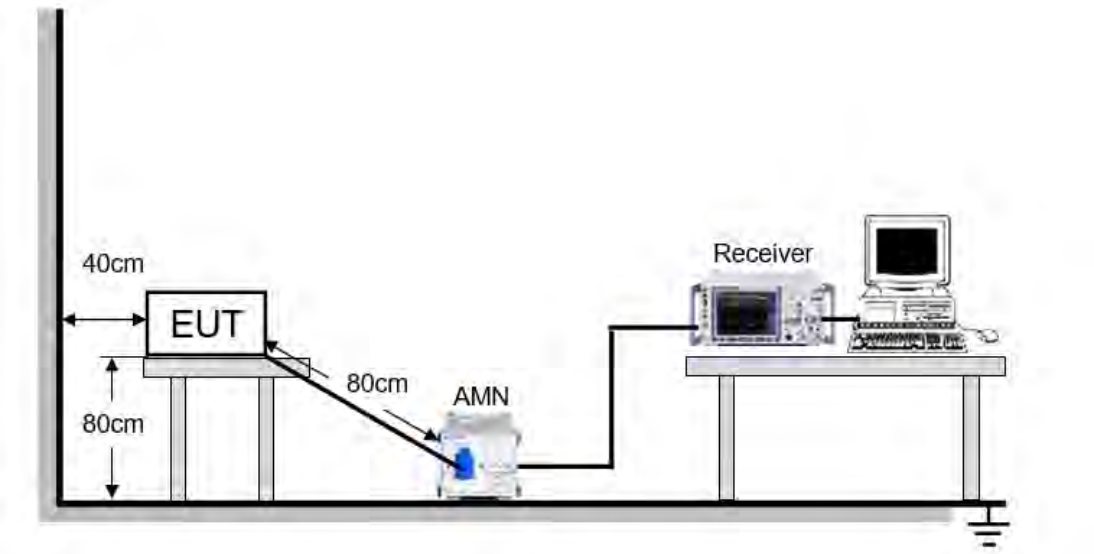
8. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

Please refer to FCC §15.207 (a)

FREQUENCY (MHz)	Limit (dBuV)	
	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

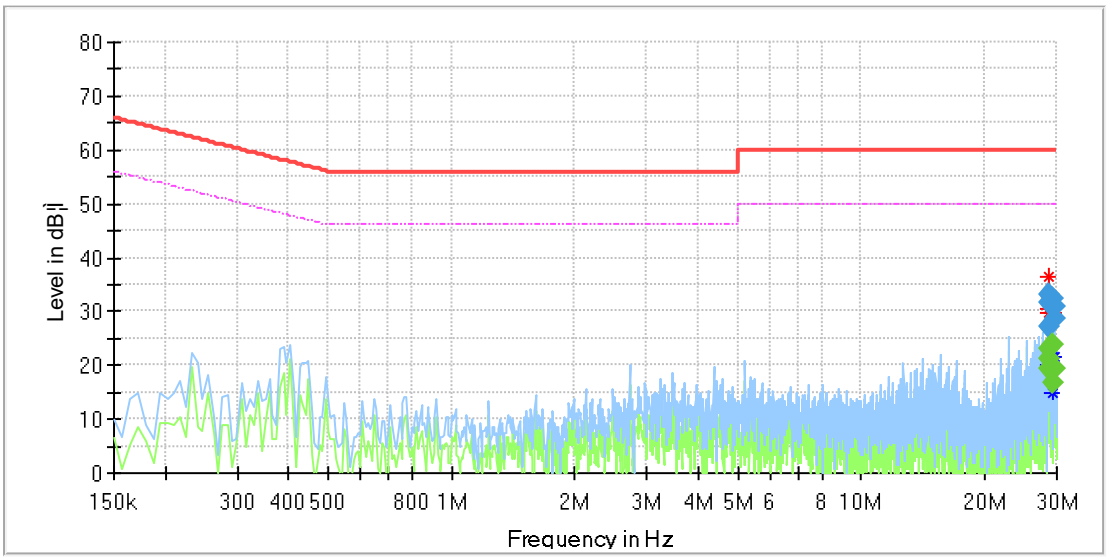
TEST SETUP AND PROCEDURE



The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2013.Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9kHz.

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

LINE L RESULTS (WORST-CASE CONFIGURATION)

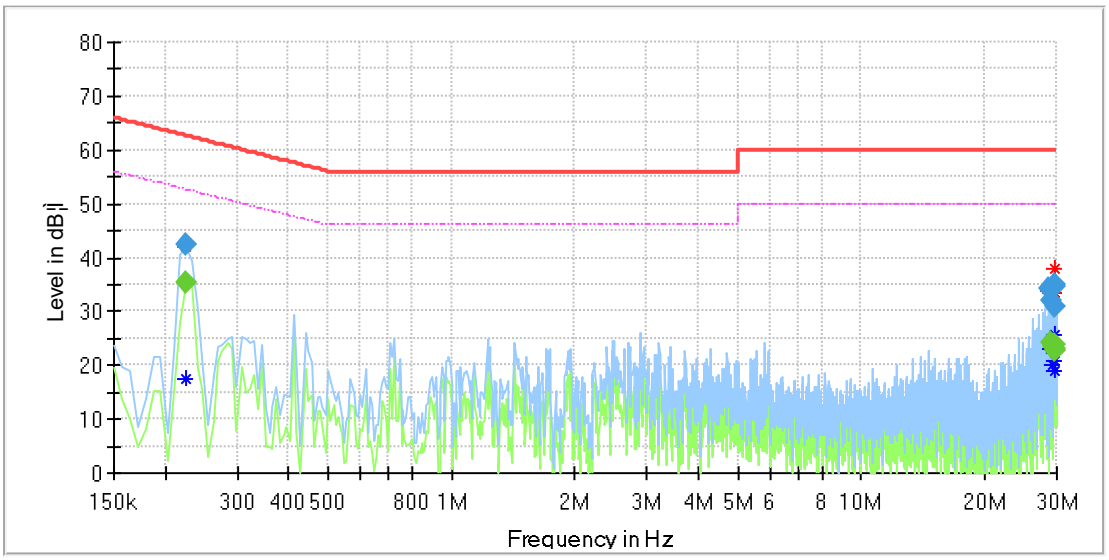


Final_Result

Frequency [MHz]	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Meas. Time [ms]	Bandwidth [kHz]	Line	Filter	Corr. [dB]
28.582125	---	19.45	50.00	30.55	1000.0	9.000	L1	OFF	10.1
28.582125	27.10	---	60.00	32.90	1000.0	9.000	L1	OFF	10.1
28.626900	---	22.99	50.00	27.01	1000.0	9.000	L1	OFF	10.1
28.626900	32.97	---	60.00	27.03	1000.0	9.000	L1	OFF	10.1
28.671675	31.62	---	60.00	28.38	1000.0	9.000	L1	OFF	10.1
28.671675	---	21.26	50.00	28.74	1000.0	9.000	L1	OFF	10.1
29.298525	---	16.86	50.00	33.14	1000.0	9.000	L1	OFF	10.1
29.335838	32.33	---	60.00	27.67	1000.0	9.000	L1	OFF	10.1
29.335838	---	23.88	50.00	26.12	1000.0	9.000	L1	OFF	10.1
29.507475	28.62	---	60.00	31.38	1000.0	9.000	L1	OFF	10.1
29.507475	---	19.48	50.00	30.52	1000.0	9.000	L1	OFF	10.1
29.731350	30.81	---	60.00	29.19	1000.0	9.000	L1	OFF	10.2

Note: 1. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
3. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.
4. The extension cord/outlet strip was calibrated with the LISN as required by ANSI C63.10:2013 Clause 6.2.2.
5. Pre-testing all test modes and channels, and find the HCH of 11b which is the worst case, so only the worst case is included in this test report.

LINE N RESULTS (WORST-CASE CONFIGURATION)



Final_Result

Frequency [MHz]	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Meas. Time [ms]	Bandwidth [kHz]	Line	Filter	Corr. [dB]
0.224625	---	35.36	52.65	35.28	1000.0	9.000	N	OFF	9.6
0.224625	42.26	---	62.65	26.89	1000.0	9.000	N	OFF	9.6
28.768688	34.09	---	60.00	25.91	1000.0	9.000	N	OFF	9.9
28.858238	---	24.06	50.00	25.94	1000.0	9.000	N	OFF	9.9
28.858238	32.09	---	60.00	27.91	1000.0	9.000	N	OFF	9.9
29.216438	---	23.49	50.00	26.51	1000.0	9.000	N	OFF	9.9
29.619413	30.95	---	60.00	29.05	1000.0	9.000	N	OFF	10.0
29.619413	---	22.88	50.00	27.12	1000.0	9.000	N	OFF	10.0
29.656725	34.62	---	60.00	25.38	1000.0	9.000	N	OFF	10.0
29.664188	---	23.77	50.00	26.23	1000.0	9.000	N	OFF	10.0
29.701500	---	22.96	50.00	27.04	1000.0	9.000	N	OFF	10.0
29.701500	35.09	---	60.00	24.91	1000.0	9.000	N	OFF	10.0

Note: 1. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
3. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.
4. The extension cord/outlet strip was calibrated with the LISN as required by ANSI C63.10:2013 Clause 6.2.2.
5. Pre-testing all test modes and channels, and find the HCH of 11b which is the worst case, so only the worst case is included in this test report.

9. ANTENNA REQUIREMENTS

APPLICABLE REQUIREMENTS

Please refer to FCC §15.203
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to FCC §15.247(b)(4)
The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

ANTENNA GAIN

The antenna gain of EUT is less than 6 dBi

END OF REPORT