Certificate #6613.01

TEST REPORT

Applicant:	HMD Global Oy
Address:	Bertel Jungin aukio 9, 02600 Espoo, Finland

Manufacturer or Supplier:	HMD Global Oy
Address:	Bertel Jungin aukio 9, 02600 Espoo, Finland
Product:	Mobile phone
Brand Name:	HMD
Model Name:	H1702V
FCC ID:	2AJOTTA-1702
Date of tests:	Jan, 13, 2025 ~ Mar. 13, 2025

The submitted sample of the above equipment has been tested for according to the requirements of the following standards:

☒ **FCC Part 15, Subpart C, Section 15.247** ☒ **ANSI C63.10-2020**
☒ **FCC Part 15, Subpart E, Section 15.407**
☒ **FCC Part 22** ☒ **FCC Part 24**
☒ **FCC Part 96**
☒ **FCC Part 27** ☒ **ANSI/TIA/EIA-603-D**
☒ **FCC Part 2** ☒ **ANSI/TIA/EIA-603-E** ☒ **ANSI C63.26-2015**

CONCLUSION: The submitted sample was found to <u>COMPLY</u> with the test requirement

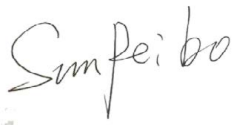
Prepared by Hanwen Xu Engineer / Mobile Department	Approved by Peibo Sun Manager / Mobile Department
 Date: Mar. 13, 2025	 Date: Mar. 13, 2025

TABLE OF CONTENTS

RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
PSU-NQN2412090110RF13	Original release	Mar. 13, 2025

1 GENERAL INFORMATION

1.1 GENERAL DESCRIPTION OF EUT

PRODUCT*	Mobile phone	
BRAND NAME*	HMD	
MODEL NAME*	H1702V	
NOMINAL VOLTAGE*	3.87Vdc (Li-ion, battery)	
MODULATION TYPE*	**BT_LE**	GFSK
	Bluetooth	GFSK, π/4-DQPSK, 8DPSK
	FM	FM
	NFC	ASK
	WLAN	DSSS, OFDM
	GPS/GALILEO	BPSK
	GSM/GPRS/EDGE	GMSK, 8PSK
	WCDMA	QPSK/16QAM
	LTE	QPSK/16QAM/64QAM/256QAM
	5G NR	DFT-s-OFDM(π/2BPSK,QPSK,16QAM,64QAM,256QAM); CP-OFDM(QPSK,16QAM,64QAM,256QAM);
OPERATING FREQUENCY*	**Bluetooth/BT_LE**	2402MHz ~ 2480MHz
	FM	87.5MHz ~ 108MHz
	NFC	13.56 MHz
	WLAN	2412 ~ 2462MHz for 11b/g/n(HT20/40) 5180 ~ 5240MHz, 5260 ~ 5320 MHz, 5500~5720MHz, 5745 ~ 5825 MHz for 11a/ n(HT20)/ n(HT40) / ac(VHT20)/ ac(VHT40) / ac(VHT80)
	GPS/GALILEO/GLONASS/BDS	1559MHz ~ 1610MHz
	GSM	824.2MHz ~ 848.8MHz (FOR GSM 850) 1850.2MHz ~ 1909.8MHz (FOR GSM 1900)
	WCDMA	1852.4MHz ~ 1907.6MHz(FOR WCDMA Band 2) 826.4MHz ~ 846.6MHz (FOR WCDMA Band 5)

OPERATING FREQUENCY	**LTE**	1850.7MHz ~ 1909.3MHz (FOR LTE Band2) 1710.7MHz ~ 1754.3MHz (FOR LTE Band4) 824.7MHz ~ 848.3MHz (FOR LTE Band5) 2502.5MHz ~ 2567.5MHz (FOR LTE Band7) 699.7MHz ~ 715.3MHz (FOR LTE Band12) 779.5MHz ~ 784.5MHz (FOR LTE Band13) 3552.5MHz ~3697.5MHz (FOR LTE Band48) 1710.7MHz ~ 1779.3MHz (FOR LTE Band66) **UL+DL:** CA_2A-4A CA_4A-5A CA_4A-13A CA_66B CA_66C CA_2A-66A CA_2A-13A CA_2A-5A CA_5B CA_48B CA_48C CA_5A-66A CA_13A-66A
	5G NR	**SA:** n2 (1852.5MHz ~1907.5MHz) n5(826.5MHz ~ 846.5MHz) n48(3555 ~ 3694.98MHz) n66(1712.5 ~ 1777.5MHz) n77(Part27Q)(3455.01 ~ 3544.98MHz) n77(Part27O)(3705 ~ 3974.97MHz) **ENDC:** DC 2A-n5A DC 2A-n66A DC 2A-n77A DC 5A-n2A DC 5A-n66A DC 5A-n77A DC 13A-n2A DC 13A-n66A DC 13A-n77A DC 48A-n5A DC 66A-n2A DC 66A-n5A DC 66A-n77A
HW VERSION*	V1.0	
SW VERSION*	000T_0_310	
I/O PORTS*	Refer to user's manual	
CABLE SUPPLIED*	USB cable: non-shielded cable, with w/o ferrite core, 1.0meter	

ACCESSORY DEVICES*	Refer to note as below

NOTE:

1. ***Since the above data and/or information is provided by the client relevant results or conclusions of this report are only made for these data and/or information, Test Lab is not responsible for the authenticity, integrity and results of the data and information and/or the validity of the conclusion.

2. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

3. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.

4. Antenna gain and EUT conducted cable loss are provided by the customer, and the laboratory will record the results based on these items that involve these two parameters.

5. The differences between the sample 1 and sample 2 as Listings below, others are the same. And only the worst case was shown in the test report.

Raptor 5G(H1702V)

Object	**Sample 1 1st source**		**Sample 2 2nd source**	
	Specifications	**Supplier**	**Specifications**	**Supplier**
Display	Y92232	DZX	TD-TCHJ6615-5D	CDOT
Memory	LPDDR4X 6GB FLXC4006G-49	Longsys	BWCC4X32N2A-48G-X	Biwin
	128GB eMMC5.1 MEMDNN128G-M1D03	Longsys	MEMDNN128G-M1D03	Biwin
Motor	C0830H-C138ZN-021	KunWang	CY0830-05-FPC-182	Chaoying
Mic	SM2718B381YR2-01	Rayking	S150B381-155	Goertek
Charger IC	UPM6720	Unisemi	SC8541CFFR	Southchip

6. List of Accessory:

ACCESSORIES	**BRAND**	**MANUFACTURER**	**MODEL**	**SPECIFICATION**
Battery	HMD	HuiZhou GanFeng LiEnergy Battery Technology Co., Ltd.	HBA-5033AA	Capacity：3.87Vdc, 4900mAh
USB Cable	Saibao	Saibao (Jiangxi) Industry Co.,Ltd.	SZN-A047A	Signal Line,1.0meter

2 SUMMARY OF TEST RESULTS

2.1 TEST RESULTS

TEST TYPE	Result
Radiated Emissions	Pass

***Test Lab Information Reference**

Lab A:

Huarui 7Layers High Technology (Suzhou) Co., Ltd.

Lab Address:

Tower N, Innovation Center, 88 Zuyi Road, High-tech District, Suzhou City, Anhui Province

Accredited Test Lab Cert 6613.01

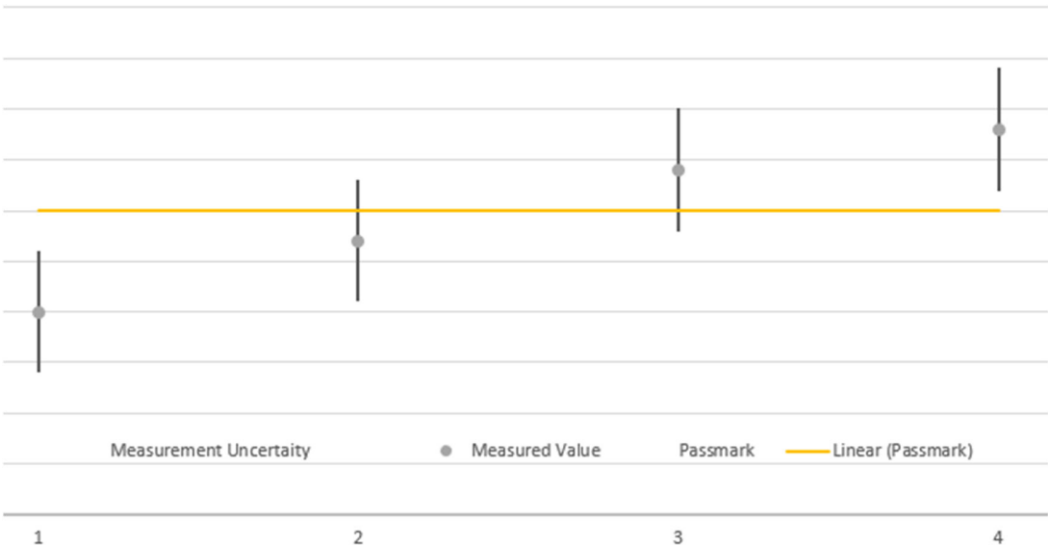
The FCC Site Registration No. is 434559; The Designation No. is CN1325.

2.2 MEASREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

MEASUREMENT	UNCERTAINTY
Radiated emissions & Radiated Power (30MHz~1GHz)	±4.98dB
Radiated emissions & Radiated Power (1GHz ~6GHz)	±4.70dB
Radiated emissions (6GHz ~18GHz)	±4.60dB
Radiated emissions (18GHz ~40GHz)	±4.12dB

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.



The verdicts in this test report are given according the above diagram:

Case	Measured Value	Uncertainty Range	Verdict
1	below pass mark	below pass mark	Passed
2	below pass mark	within pass mark	Passed
3	above pass mark	within pass mark	Failed
4	above pass mark	above pass mark	Failed

That means, the laboratory applies, as decision rule (see ISO/IEC 17025:2017), the so-called shared risk principle.

2.3 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Pre-Amplifier	R&S	SCU18F1	100815	Aug.30,23	Aug.29,25
Pre-Amplifier	R&S	SCU08F1	101028	Jan.22,24	Jan.21,26
Signal Generator	R&S	SMB100A	182185	Mar.29,24	Mar.28,26
3m Fully-anechoic Chamber	TDK	9m*6m*6m	HRSW-SZ-EMC-01Chamber	Nov.25,22	Nov.24,25
3m Semi-anechoic Chamber	TDK	9m*6m*6m	HRSW-SZ-EMC-02Chamber	Nov.25,22	Nov.24,25
6DB attenuator	Tonscend Technology Co., Ltd	N/A	23062787	N/A	N/A
EMI TEST Receiver	R&S	ESW44	101973	Mar.28,24	Mar.27,26
Bilog Antenna	SCHWARZBECK	VULB 9163	1264	Dec.26,23	Dec.25,25
Horn Antenna	ETS-LINDGREN	3117	227836	Aug.22,23	Aug.21,25
Horn Antenna (18GHz-40GHz)	Steatite Q-par Antennas	QMS 00880	23486	Jul.15,24	Jul.14,26
Horn Antenna	Steatite Q-par Antennas	QMS 00208	23485	Aug.22,23	Aug.21,25
Loop Antenna	SCHWARZ	HFH2-Z2/Z2E	100976	Feb.23,23	Feb.22,25
Loop Antenna	SCHWARZ	HFH2-Z2/Z2E	100976	Feb.22,25	Feb.21,27
WIDEBANDRADIO COMMUNICATION TESTER	R&S	CMW500	169399	Jun.19,24	Jun.18,26
Test Software	ELEKTRA	ELEKTRA4.32	N/A	N/A	N/A
Open Switch and Control Unit	R&S	OSP220	101964	N/A	N/A
DC Source	HYELEC	HY3010B	551016	Aug.31,23	Aug.30,25
Hygrothermograph	DELI	20210528	SZ014	Sep.06,23	Sep.05,25
PC	LENOVO	E14	HRSW0024	N/A	N/A
TMC-AMI18843A(CABLE)	R&S	HF290-NMNM-7.00M	N/A	N/A	N/A
TMC-AMI18843A(CABLE)	R&S	HF290-NMNM-4.00M	N/A	N/A	N/A
CABLE	R&S	W13.02	N/A	Apr.27,24	Apr.26,25
CABLE	R&S	W12.14	N/A	Apr.27,24	Apr.26,25

NOTE: 1.The calibration interval of the above test instruments is 12 / 24/ 36 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.

2. The test was performed in 3m Chamber.

3. The test was performed in 3m Semi-anechoic Chamber and RF Oven Room.

4. The horn antenna is used only for the measurement of emission frequency above 1GHz if tested.

5. The FCC Site Registration No. is 434559; The Designation No. is CN1325.

2.4 REFERENCED STANDARDS

The fellowing referenced standards are necessary for the report.For undated references in this report,the cited version applies.

No.	Identify	Note
1	FCC Part 15, Subpart C, Section 15.247	For BT
2	FCC Part 15, Subpart E, Section 15.407	For WLAN
3	FCC PART 22, Subpart H	For WWAN
4	FCC PART 24, Subpart E	For WWAN
5	FCC Part 27	For WWAN
6	FCC Part 96	For WWAN

Note: More informations and test procedures pls refer to 15.247/15.407/Part22/Part24/ Part27/ Part96 reports.

2.5 TEST CONFIGURATIONS

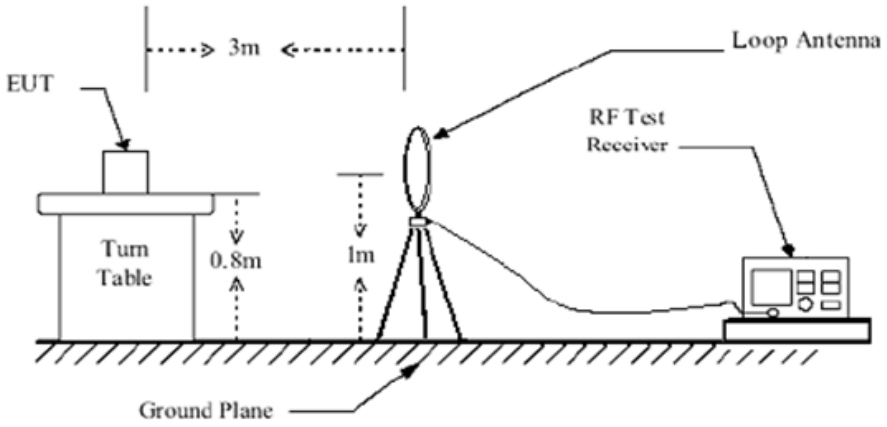
Test Configurations	Description
Worst case test Mode	
1	WLAN-5G-11AC20-CH140LTE-B5-MID-10M
2	WLAN-2.4G-11N20-CH11LTE-B2-MID-10M
3	BT-CH78-1DH5LTE-B13-MID-10M
4	BT-CH78-1DH5LTE-B48-MID-20M

Note: 1. Test equipment and site refer to Referenced Standards report

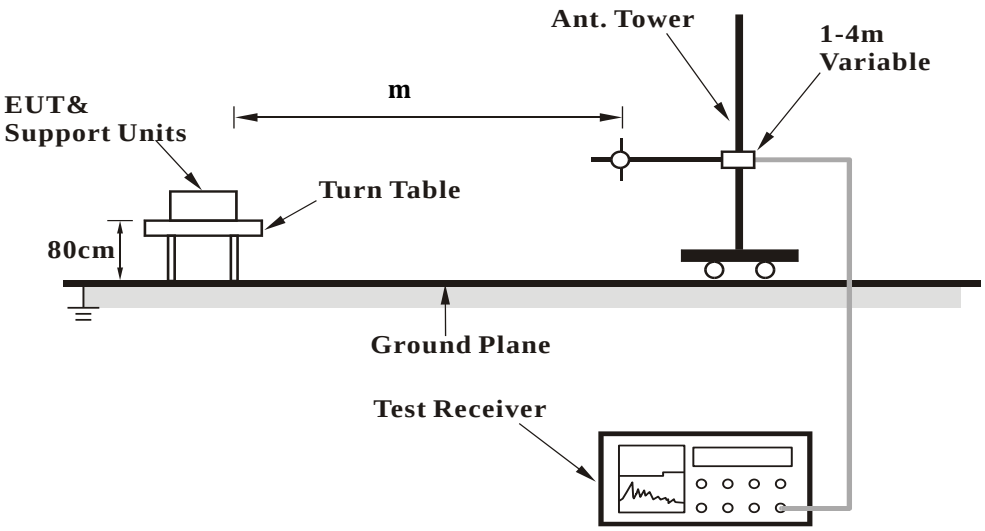
2. For higher frequency, the emission is 20dB below the limit was not record

2.6 TEST DATA

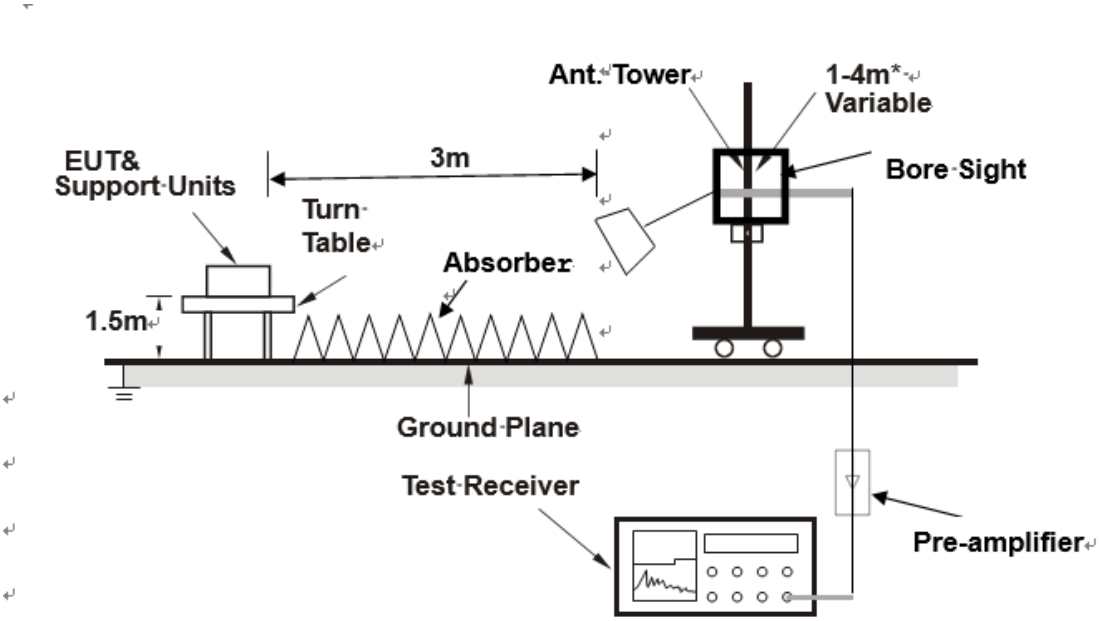
<Frequency Range 9KHz~30MHz >



< Frequency Range 30MHz~1GHz >



<Frequency Range above 1GHz>



Note: Above 1G is a directional antenna

Depends on the EUT height and the antenna 3dB beamwidth both, refer to section 7.3 of CISPR 16-2-3.

For the actual test configuration, please refer to the attached file (Test Setup Photo).

2.6.1 EUT OPERATING CONDITIONS

a. Set the EUT under full load condition and placed them on a testing table.

b. Set the transmitter part of EUT under transmission condition continuously at specific channel frequency.

c. The necessary accessories enable the EUT in full functions.

2.6.2 TEST RESULTS

NOTE ： The 9K~30MHz amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

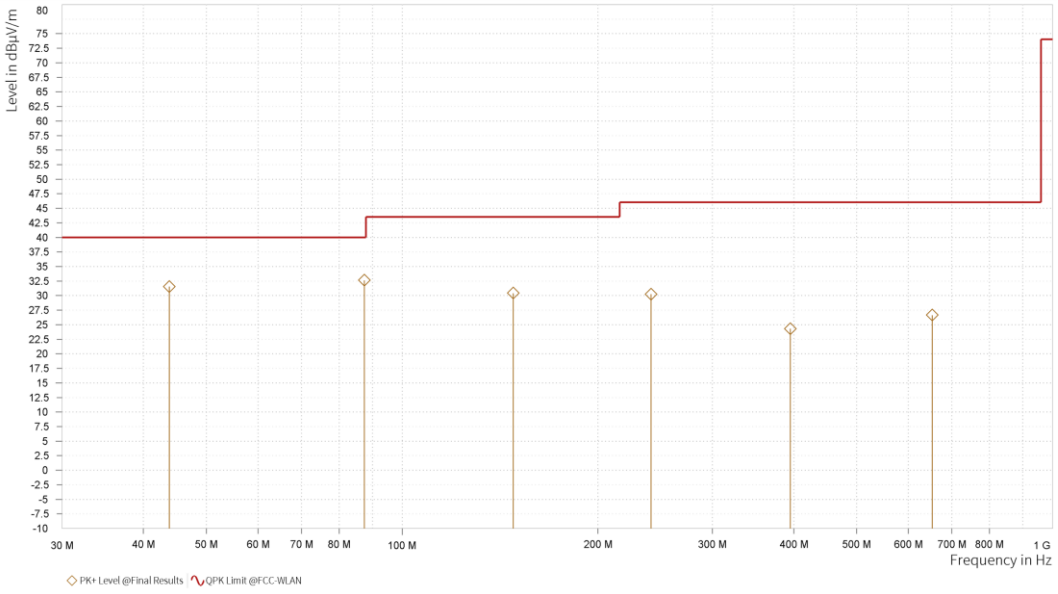
WLAN-5G-11AC20-CH140LTE-B5-MID-10M:

BELOW 1GHz WORST-CASE DATA:

30 MHz – 1GHz data:

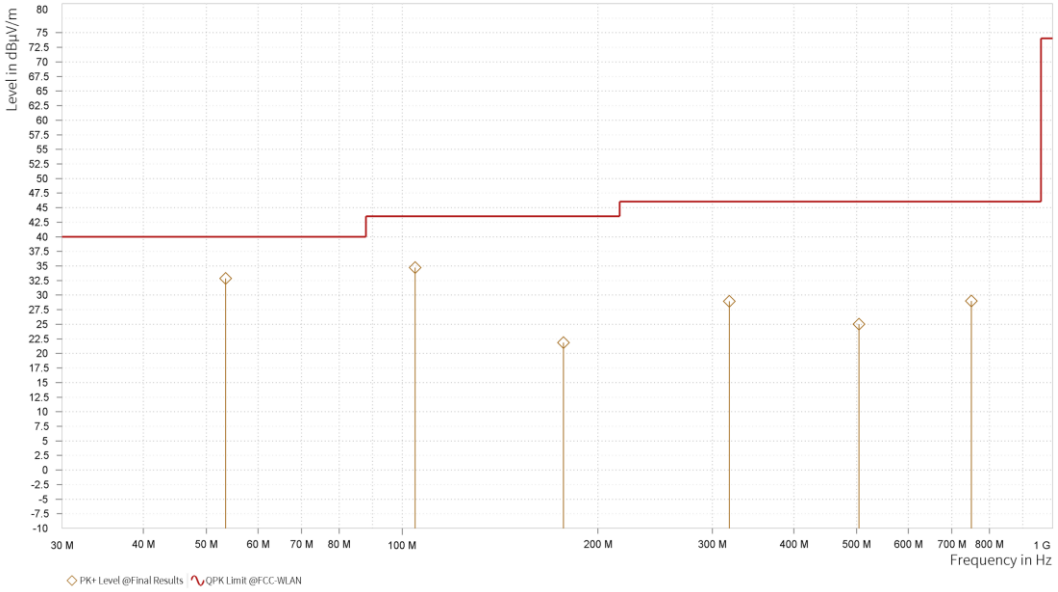
CHANNEL	WLAN-5G-11AC20-CH140 LTE-B5-MID-10M	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+: QPK Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	43.823	31.54	40.00	8.46	-11.95	H	0.9	2.00
1	87.473	32.63	40.00	7.37	-16.22	H	359	2.00
1	148.098	30.41	43.50	13.09	-16.59	H	0.9	2.00
1	241.266	30.25	46.00	15.75	-11.85	H	4.5	1.00
1	395.351	24.30	46.00	21.70	-9.02	H	0.9	2.00
1	653.419	26.64	46.00	19.36	-5.15	H	1	1.00



CHANNEL	WLAN-5G-11AC20-CH140 LTE-B5-MID-10M	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+: QPK Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	53.523	32.84	40.00	7.16	-12.28	V	0.9	2.00
1	104.690	34.70	43.50	8.80	-13.56	V	0.9	2.00
1	177.052	21.83	43.50	21.67	-15.27	V	354.9	2.00
1	318.478	28.92	46.00	17.08	-10.68	V	359	1.00
1	503.991	25.02	46.00	20.98	-7.88	V	359	1.00
1	750.031	28.97	46.00	17.03	-3.56	V	359	1.00



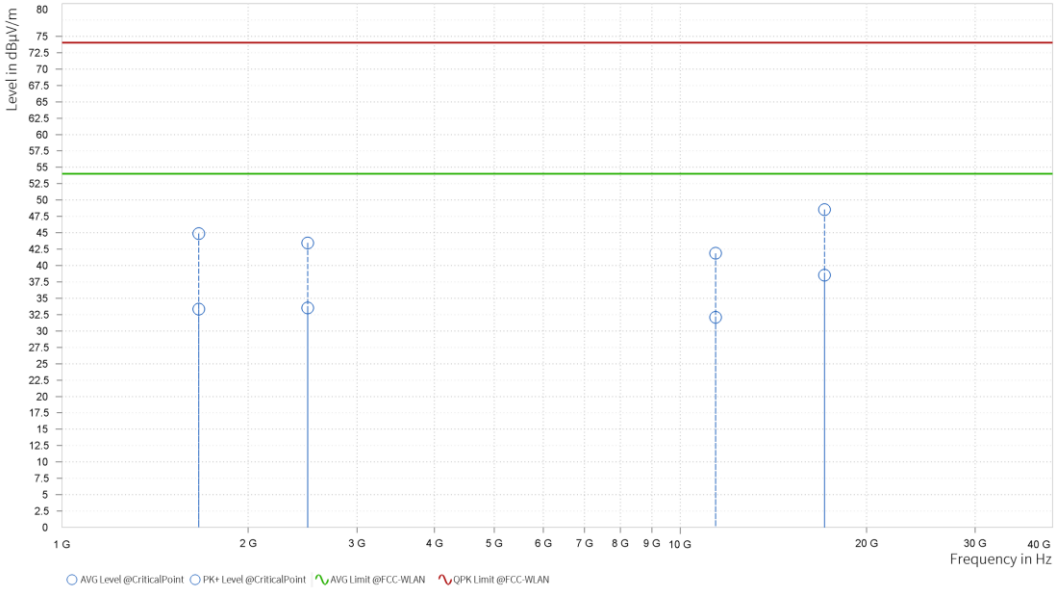
ABOVE 1GHz WORST-CASE DATA:

Note: 1. For radiated emissions testing，the full testing range of different modes have been scanned，only the worst case harmonic data is reported in the sheet.

2. All other emissions that more than 20dB below the limit were not recorded

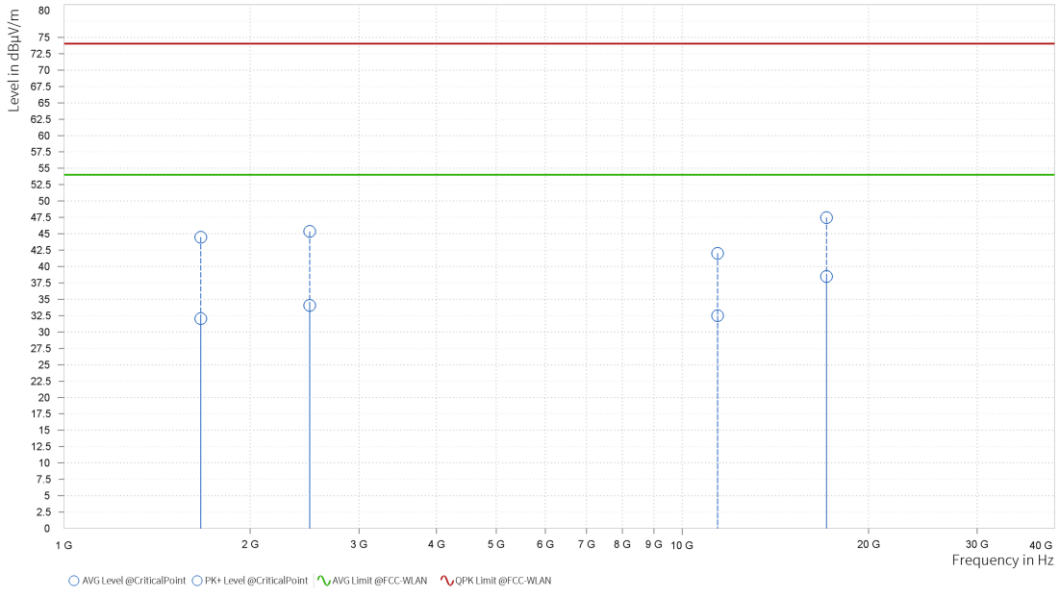
CHANNEL	WLAN-5G-11AC20-CH140 LTE-B5-MID-10M	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+: QPK Limit [dBµV/m]	PK+ Margin [dB]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	1,664.000	44.89	74.00	29.11	33.33	54.00	20.67	2.55	H	355.5	2.00
1	2,496.000	43.45	74.00	30.55	33.51	54.00	20.49	8.74	H	328.2	1.00
4	11,400.000	41.86	74.00	32.14	32.09	54.00	21.91	13.17	H	359	1.00
4	17,100.000	48.54	74.00	25.46	38.54	54.00	15.46	22.50	H	1	1.00



CHANNEL	WLAN-5G-11AC20-CH140 LTE-B5-MID-10M	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+: QPK Limit [dBµV/m]	PK+ Margin [dB]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	1,664.000	44.49	74.00	29.51	32.05	54.00	21.95	2.55	V	359	2.00
1	2,496.000	45.36	74.00	28.64	34.06	54.00	19.94	8.74	V	36.6	2.00
4	11,400.000	42.02	74.00	31.98	32.48	54.00	21.52	13.17	V	0.9	2.00
4	17,100.000	47.47	74.00	26.53	38.48	54.00	15.52	22.50	V	1	1.00



Note: For frequency above 18GHz, the emission was tested 20db below the limit so the data not recorded in the sheet.

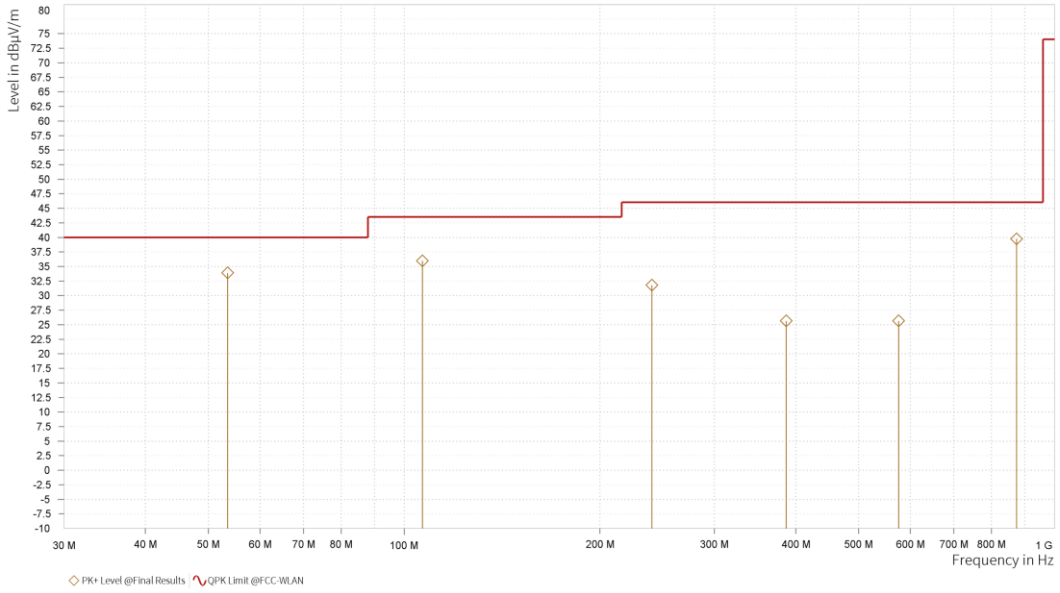
WLAN-2.4G-11N20-CH11+LTE-B2-MID-10M:

BELOW 1GHz WORST-CASE DATA:

30 MHz – 1GHz data:

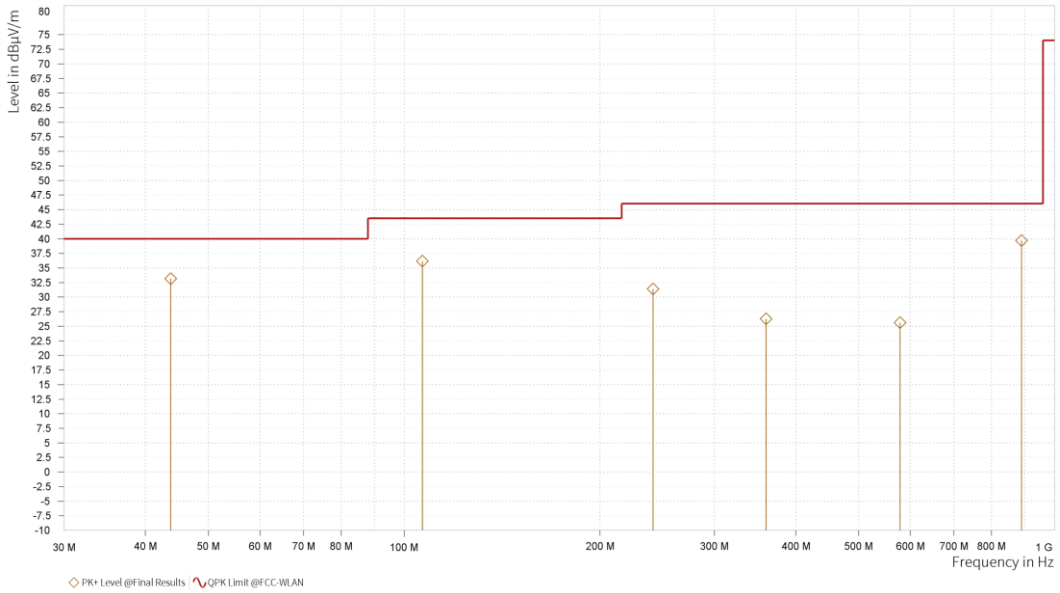
CHANNEL	WLAN-2.4G-11N20-CH11+ LTE-B2-MID-10M	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+: QPK Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	53.523	33.89	40.00	6.11	-12.28	H	354.9	2.00
1	106.630	35.97	43.50	7.53	-13.63	H	354.9	2.00
1	240.345	31.80	46.00	14.20	-11.88	H	131	1.00
1	386.815	25.63	46.00	20.37	-9.20	H	354.9	2.00
1	575.771	25.63	46.00	20.37	-6.77	H	359	1.00
1	874.434	39.73	46.00	6.27	-2.13	H	359	1.00



CHANNEL	WLAN-2.4G-11N20-CH11+ LTE-B2-MID-10M	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+: QPK Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	43.774	33.15	40.00	6.85	-11.94	V	274.4	1.00
1	106.679	36.16	43.50	7.34	-13.63	V	355	2.00
1	241.412	31.37	46.00	14.63	-11.84	V	225.5	2.00
1	359.994	26.27	46.00	19.73	-9.89	V	355	2.00
1	578.681	25.62	46.00	20.38	-6.57	V	85.7	2.00
1	889.517	39.68	46.00	6.32	-1.23	V	359	2.00



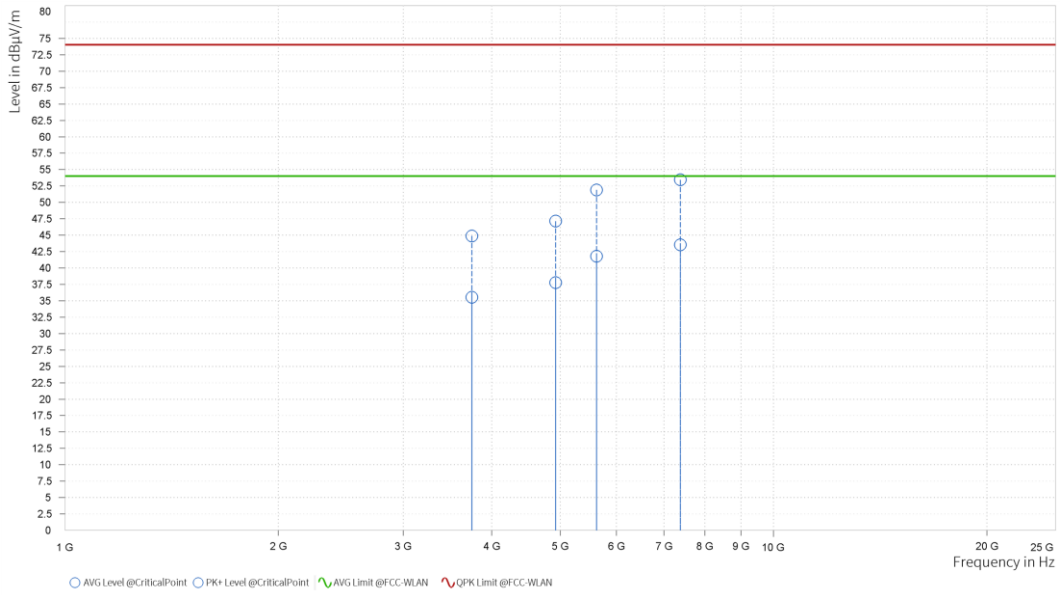
ABOVE 1GHz WORST-CASE DATA:

Note: 1. For radiated emissions testing，the full testing range of different modes have been scanned，only the worst case harmonic data is reported in the sheet.

2. All other emissions that more than 20dB below the limit were not recorded

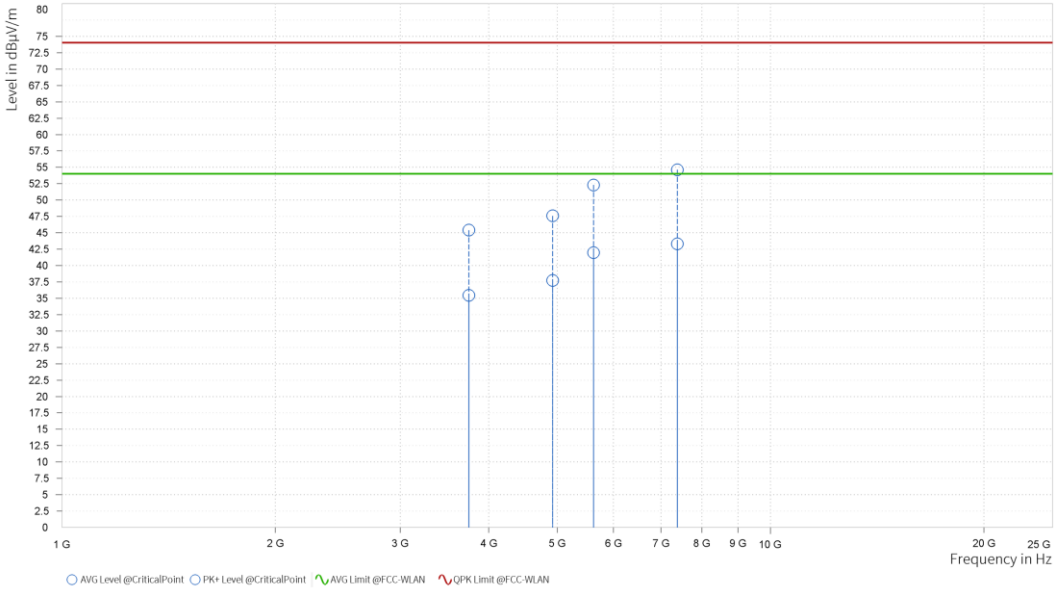
CHANNEL	WLAN-2.4G-11N20-CH11+ LTE-B2-MID-10M	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+: QPK Limit [dBµV/m]	PK+ Margin [dB]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	3,751.000	44.87	74.00	29.13	35.54	54.00	18.46	12.09	H	0.9	2.00
3	4,924.000	47.13	74.00	26.87	37.76	54.00	16.24	13.81	H	1	1.00
3	5,626.500	51.90	74.00	22.10	41.78	54.00	12.22	19.10	H	0.9	2.00
3	7,386.000	53.45	74.00	20.55	43.54	54.00	10.46	19.34	H	0.9	2.00



CHANNEL	WLAN-2.4G-11N20-CH11+ LTE-B2-MID-10M	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+: QPK Limit [dBµV/m]	PK+ Margin [dB]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	3,751.000	45.40	74.00	28.60	35.43	54.00	18.57	12.09	V	116.7	2.00
3	4,924.000	47.59	74.00	26.41	37.71	54.00	16.29	13.81	V	116.7	2.00
3	5,626.500	52.29	74.00	21.71	41.96	54.00	12.04	19.10	V	0.9	2.00
3	7,386.000	54.62	74.00	19.38	43.30	54.00	10.70	19.34	V	359.1	1.00



Note: For frequency above 18GHz, the emission was tested 20db below the limit so the data not recorded in the sheet.

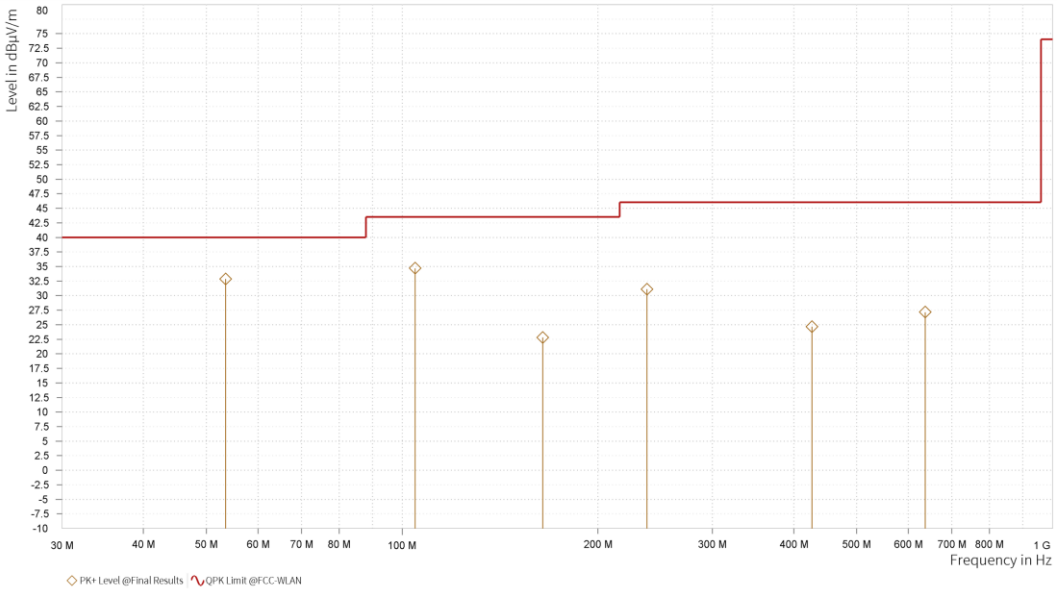
BT-CH78-1DH5LTE-B13-MID-10M:

BELOW 1GHz WORST-CASE DATA:

30 MHz – 1GHz data:

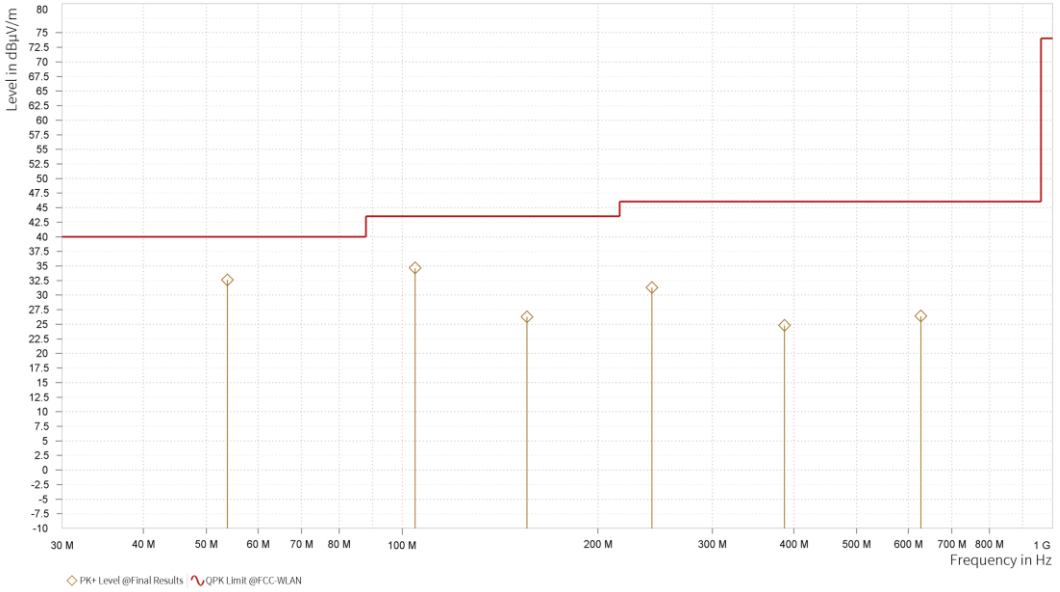
CHANNEL	BT-CH78-1DH5LTE-B13-MID-10M	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+: QPK Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	53.523	32.86	40.00	7.14	-12.28	H	359	1.00
1	104.739	34.68	43.50	8.82	-13.55	H	359	2.00
1	164.491	22.80	43.50	20.70	-15.85	H	354.9	2.00
1	238.017	31.08	46.00	14.92	-11.95	H	1	1.00
1	426.682	24.66	46.00	21.34	-8.64	H	354.9	2.00
1	636.881	27.14	46.00	18.86	-5.77	H	0.9	2.00



CHANNEL	BT-CH78-1DH5LTE-B13-MID-10M	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+: QPK Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	53.862	32.60	40.00	7.40	-12.34	V	359	1.00
1	104.690	34.63	43.50	8.87	-13.56	V	0.9	2.00
1	155.615	26.27	43.50	17.23	-16.07	V	354.9	2.00
1	242.091	31.30	46.00	14.70	-11.83	V	359	2.00
1	387.106	24.79	46.00	21.21	-9.17	V	354.9	2.00
1	627.520	26.40	46.00	19.60	-5.73	V	0.9	2.00



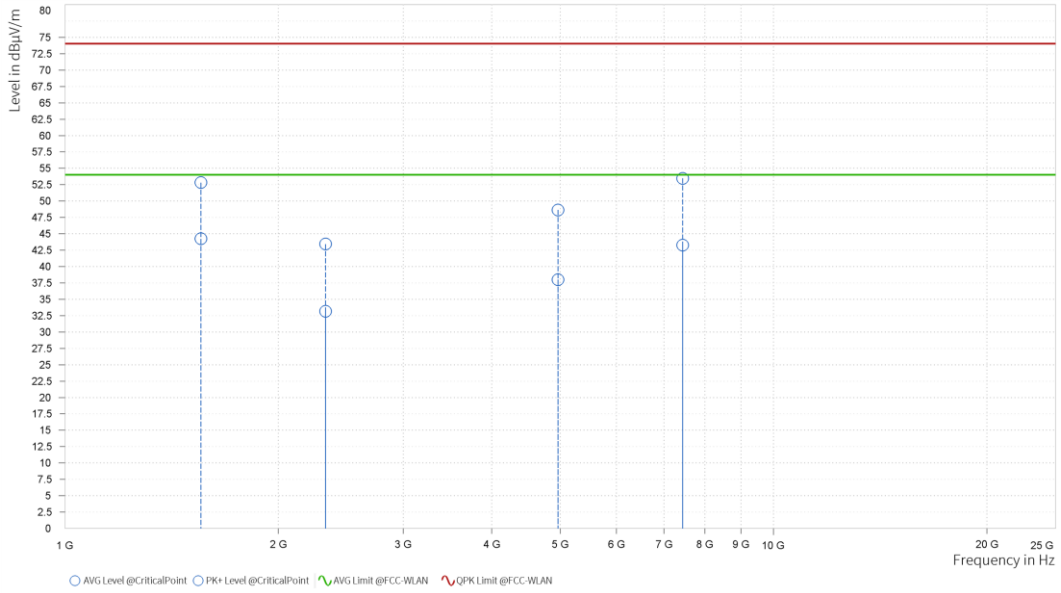
ABOVE 1GHz WORST-CASE DATA:

Note: 1. For radiated emissions testing，the full testing range of different modes have been scanned，only the worst case harmonic data is reported in the sheet.

2. All other emissions that more than 20dB below the limit were not recorded

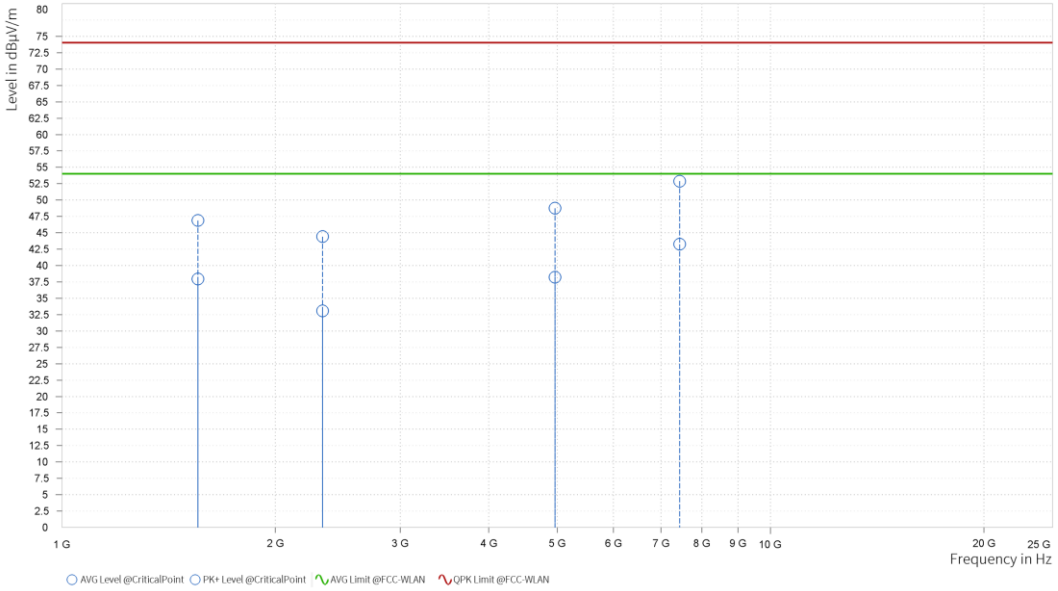
CHANNEL	BT-CH78-1DH5LTE-B13-MID-10M	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+: QPK Limit [dBµV/m]	PK+ Margin [dB]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	1,555.000	52.83	74.00	21.17	44.23	54.00	9.77	1.42	H	0.9	2.00
1	2,332.500	43.42	74.00	30.58	33.15	54.00	20.85	7.96	H	354.9	2.00
3	4,960.000	48.63	74.00	25.37	38.00	54.00	16.00	14.01	H	1	1.00
3	7,440.000	53.45	74.00	20.55	43.25	54.00	10.75	19.46	H	233.8	1.00



CHANNEL	BT-CH78-1DH5LTE-B13-MID-10M	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+: QPK Limit [dBµV/m]	PK+ Margin [dB]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	1,555.000	46.87	74.00	27.13	37.95	54.00	16.05	1.42	V	1	1.00
1	2,332.500	44.41	74.00	29.59	33.08	54.00	20.92	7.96	V	359	2.00
3	4,960.000	48.76	74.00	25.24	38.22	54.00	15.78	14.01	V	359	2.00
3	7,440.000	52.88	74.00	21.12	43.26	54.00	10.74	19.46	V	0.9	2.00



Note: For frequency above 18GHz, the emission was tested 20db below the limit so the data not recorded in the sheet.

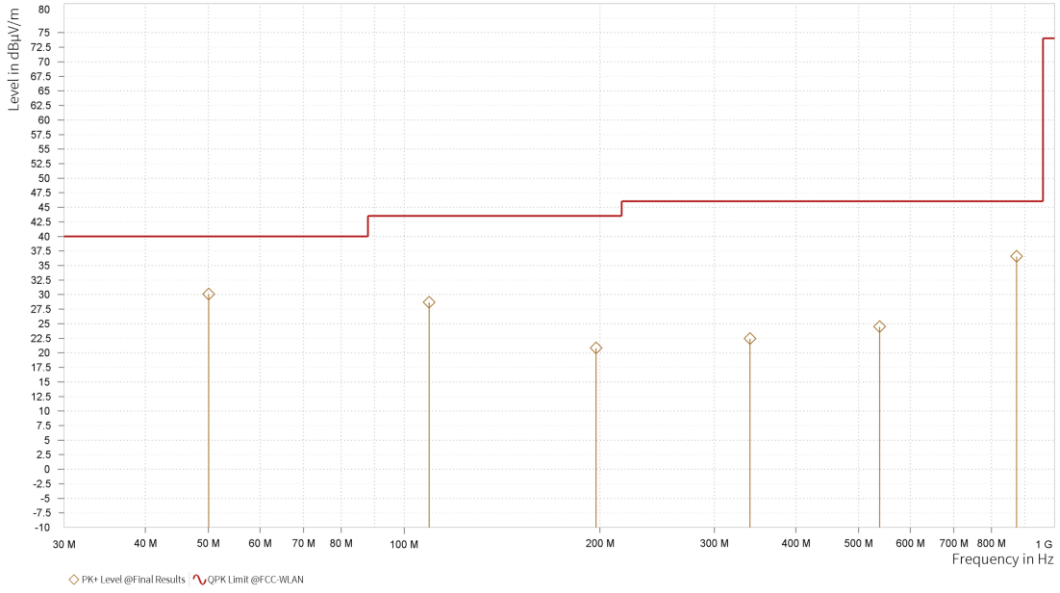
BT-CH78-1DH5LTE-B48-MID-20M-:

BELOW 1GHz WORST-CASE DATA:

30 MHz – 1GHz data:

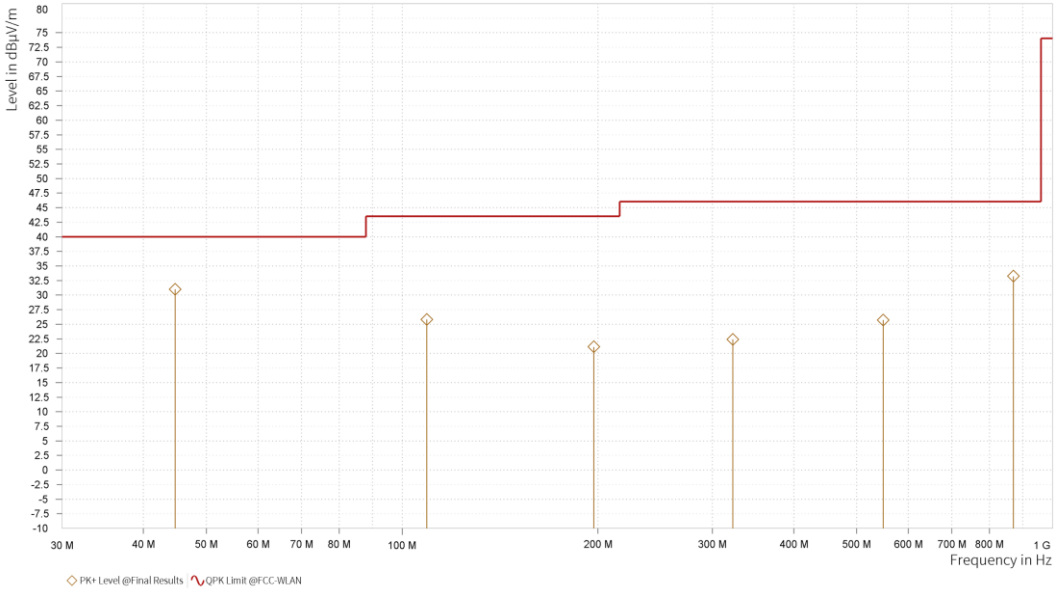
CHANNEL	BT-CH78-1DH5LTE-B48-MID-20M	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+: QPK Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	50.031	30.09	40.00	9.91	-12.00	H	5.1	1.00
1	109.201	28.67	43.50	14.83	-13.66	H	355	2.00
1	197.374	20.80	43.50	22.70	-13.02	H	266.1	1.00
1	340.061	22.43	46.00	23.57	-10.50	H	1	1.00
1	538.232	24.49	46.00	21.51	-7.55	H	94.1	2.00
1	873.997	36.55	46.00	9.45	-2.13	H	1	1.00



CHANNEL	BT-CH78-1DH5LTE-B48-MID-20M	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+: QPK Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	44.744	31.00	40.00	9.00	-11.95	V	5.1	1.00
1	109.152	25.80	43.50	17.70	-13.66	V	359	2.00
1	197.180	21.12	43.50	22.38	-13.03	V	359	2.00
1	322.407	22.38	46.00	23.62	-10.64	V	1	1.00
1	549.193	25.72	46.00	20.28	-7.19	V	132.2	1.00
1	870.360	33.22	46.00	12.78	-2.12	V	1	1.00



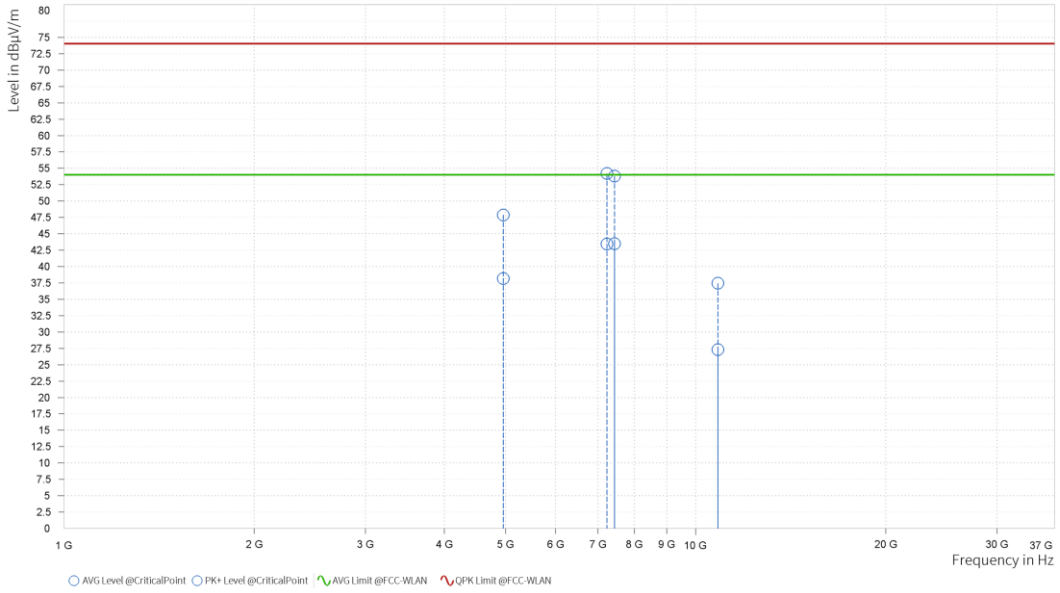
ABOVE 1GHz WORST-CASE DATA:

Note: 1. For radiated emissions testing，the full testing range of different modes have been scanned，only the worst case harmonic data is reported in the sheet.

2. All other emissions that more than 20dB below the limit were not recorded

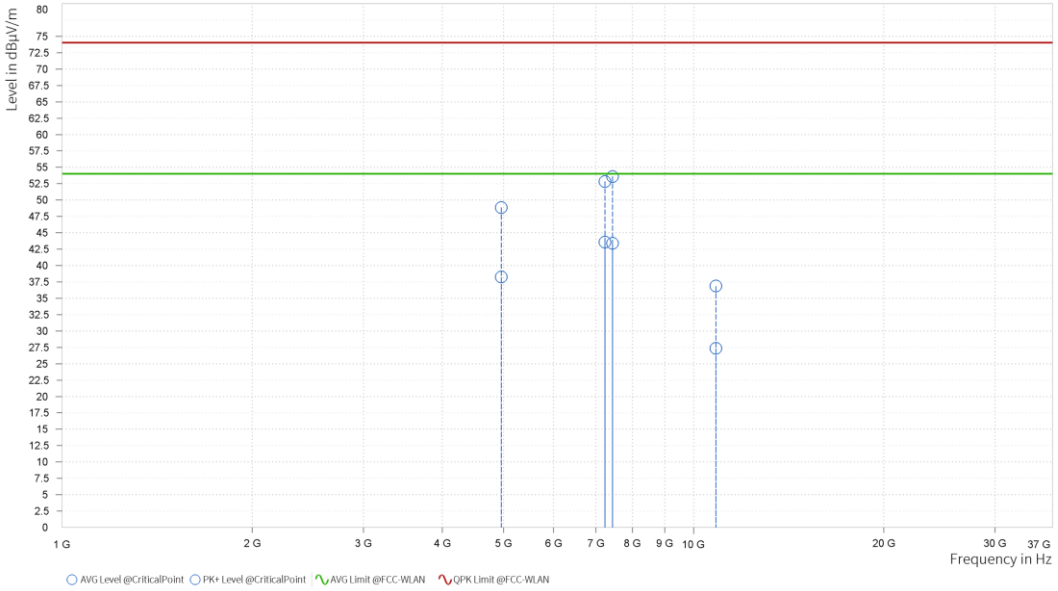
CHANNEL	BT-CH78-1DH5LTE-B48-MID-20M	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+: QPK Limit [dBµV/m]	PK+ Margin [dB]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	4,960.000	47.89	74.00	26.11	38.19	54.00	15.81	14.01	H	128.6	2.00
3	7,232.000	54.20	74.00	19.80	43.45	54.00	10.55	19.64	H	128.6	2.00
3	7,440.000	53.79	74.00	20.21	43.50	54.00	10.50	19.46	H	359	2.00
5	10,848.000	37.44	74.00	36.56	27.31	54.00	26.69	12.66	H	359	2.00



CHANNEL	BT-CH78-1DH5LTE-B48-MID-20M	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+: QPK Limit [dBµV/m]	PK+ Margin [dB]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	4,960.000	48.85	74.00	25.15	38.24	54.00	15.76	14.01	V	359	1.00
3	7,232.000	52.83	74.00	21.17	43.58	54.00	10.42	19.64	V	1	1.00
3	7,440.000	53.60	74.00	20.40	43.38	54.00	10.62	19.46	V	120.2	2.00
5	10,848.000	36.87	74.00	37.13	27.35	54.00	26.65	12.66	V	359	2.00



Note: For frequency above 18GHz, the emission was tested 20db below the limit so the data not recorded in the sheet.

--END--