Certificate # 3939.01

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:	Tablet PC
Brand Name:	NOKIA
Model Name:	TA-1495
FCC ID:	2AJOTTA-1495
Date of tests:	Aug. 03, 2022 ~ Sep. 20, 2022

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 C63.10-2013**
☒ **FCC Part 15, Subpart E, Section 15.407**
☒ **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 COMPLY with the test requirement

Prepared by Simon Wang Engineer / Mobile Department	Approved by Luke Lu Manager / Mobile Department
Simon Wang Date: Sep. 20, 2022	Luke Lu Date: Sep. 20, 2022

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
W7L-P22070038RF09	Original release	Sep. 20, 2022

1 GENERAL INFORMATION

1.1 GENERAL DESCRIPTION OF EUT

PRODUCT	Tablet PC	
BRAND NAME	NOKIA	
MODEL NAME	TA-1495	
NOMINAL VOLTAGE	5.0Vdc(adapter or host equipment) 3.85Vdc (Li-ion, battery)	
MODULATION TYPE	**BT_LE**	GFSK
	Bluetooth	GFSK, π/4-DQPSK, 8DPSK
	FM	FM
	WLAN	DSSS, OFDM
	GPS/GALILEO/GLONASS	BPSK
	GSM/GPRS/EDGE	GMSK, 8PSK
	WCDMA	QPSK
	LTE	QPSK/16QAM/64QAM
OPERATING FREQUENCY **OPERATING FREQUENCY**	**Bluetooth/BT_LE**	2402MHz ~ 2480MHz
	FM	87.5MHz ~ 108MHz
	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	1559MHz ~ 1610MHz
	GSM	824.2MHz ~ 848.8MHz (FOR GSM 850) 1850.2MHz ~ 1909.8MHz (FOR GSM 1900)
	WCDMA	826.4MHz ~ 846.6MHz (FOR WCDMA Band 5)
	LTE	824.7MHz ~ 848.3MHz (FOR LTE Band5) 2502.5MHz ~ 2567.5MHz (FOR LTE Band7) 2572.5MHz ~ 2617.5MHz (FOR LTE Band38) 2498.5MHz ~ 2687.5MHz (FOR LTE Band41) 2499.3MHz ~ 2668.3MHz (FOR LTE Band41C)
HW VERSION	EM_U1630_V1.2 L20	
SW VERSION	V0.492_B01	

I/O PORTS	Refer to user's manual
CABLE SUPPLIED	USB cable: non-shielded cable, with w/o ferrite core, 1 meter Earphone: non-shielded cable, with w/o ferrite core, 1.5 meter
ACCESSORY DEVICES	Refer to note as below

NOTE:

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

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

List of Accessory:

ACCESSORIES	BRAND	MANUFACTURER	MODEL	SPECIFICATION
Battery	NOKIA	Guangdong Fenghua New Energy Co., Ltd.	WTT80	Capacity：3.8 Vdc, 8000mAh
AC Adapter	NOKIA	Shenzhen Baijunda Electronic Co., Ltd	AD-010U	I/P: 100-240Vac, 0.35A, O/P: 5.0Vdc, 2.0A
Earphone	NOKIA	JUWEI ELECTRONICS CO., LTD	JWEP1242-W09H	Signal Line, 1.5meter
USB Cable	NOKIA	Saibao (Jiangxi) Industrial Co., Ltd	AC-2A	Signal Line, 1.0meter

2 SUMMARY OF TEST RESULTS

2.1 TEST RESULTS

TEST TYPE	Result
Radiated Emissions	Pass

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~1GMHz)	±4.98dB
Radiated emissions & Radiated Power (1GMHz ~6GMHz)	±4.70dB
Radiated emissions (6GMHz ~18GMHz)	±4.60dB
Radiated emissions (18GMHz ~40GMHz)	±4.12dB

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

2.3 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
3m Semi-anechoic Chamber	ETS-LINDGREN	9m*6m*6m	Euroshieldpn-CT0001143-1216	May. 19,20	May. 18,23
Bilog Antenna	ETS-LINDGREN	3143B	00161965	Mar. 06,22	Mar. 05,23
Horn Antenna	ETS-LINDGREN	3117	00168692	Mar. 06,22	Mar. 05,23
Horn Antenna (18GHz-40GHz)	N/A	QWH-SL-18-40-K-SG/QMS-00361	15433	Aug. 28, 21	Aug. 27, 22
Horn Antenna (18GHz-40GHz)	N/A	QWH-SL-18-40-K-SG/QMS-00361	15433	Aug. 27, 22	Aug. 26, 23
10dB Attenuator	JFW/USA	50HF-010-SMA	1505	Jun. 02,22	Jun. 01,23
MXE EMI Receiver	KEYSIGHT	N9038A-544	MY54450026	Feb. 21,22	Feb. 20,23
Signal Pre-Amplifier	EMSI	EMC 9135	980249	May.12,22	May.11,23
Signal Pre-Amplifier	EMSI	EMC 012645B	980257	May.12,22	May.11,23
Signal Pre-Amplifier	EMSI	EMC 184045B	980259	Feb. 21,22	Feb.20,23
DC Source	Kikusui/JP	PMX18-5A	0000001	Aug. 25,21	Aug. 24,22
DC Source	Kikusui/JP	PMX18-5A	0000001	Aug. 24,22	Aug. 23,23
Power Meter	Anritsu	ML2495A	1506002	Feb. 22,22	Feb. 21,23
Power Sensor	Anritsu	MA2411B	1339352	May. 14,22	May. 13,23
Loop Antenna	Schwarzbeck	FMZB 1519B	00173	Sep.05,21	Sep. 04,22
Loop Antenna	Schwarzbeck	FMZB 1519B	00173	Sep. 04,22	Sep. 03,23
EXA Signal Analyzer	KEYSIGHT	N9010A-544	MY54510355	May.15,22	May.14,23
Radio Communication Analyzer	ANRITSU	MT8820C	6201465426	Feb. 15,22	Feb. 14,23
Test Software	E3	V 9.160323	N/A	N/A	N/A
Temperature Chamber	ESPEC	SH-242	93000855	May. 12,22	May. 11,23
MXG Analog Microvave Signal Generator	KEYSIGHT	N5183A	MY50143024	Feb. 18,22	Feb. 17,23
Base station R&S CMW500	Rohde&Schwarz	CMW500	153085	May.12,22	May.11,23

NOTE: 1.The calibration interval of the above test instruments is 12 months or 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 525120; The Designation No. is CN1171.

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/BLE/2.4G WIFI
2	FCC Part 15, Subpart E, Section 15.407	For 5G WIFI
3	FCC PART 22, Subpart H	For WWAN
4	FCC PART 24, Subpart E	For WWAN
5	FCC Part 27	For WWAN

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

2.5 TEST CONFIGURATIONS

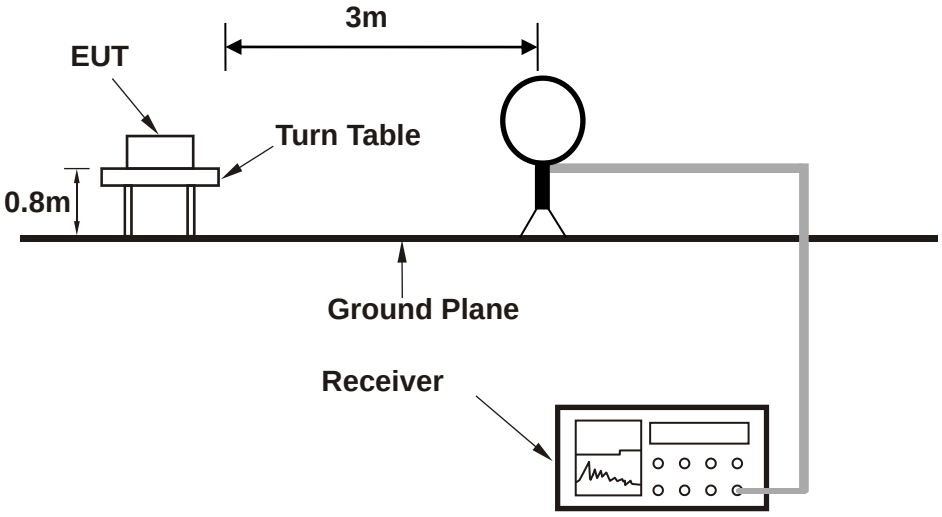
Test Configurations	Description
Worst case test Mode	
1	2.4G WIFI(N40-CH 9)+LTE B41(10M CH 40620)
2	5G WIFI(AC80-CH 42)+LTE B41(10M CH 40620)

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

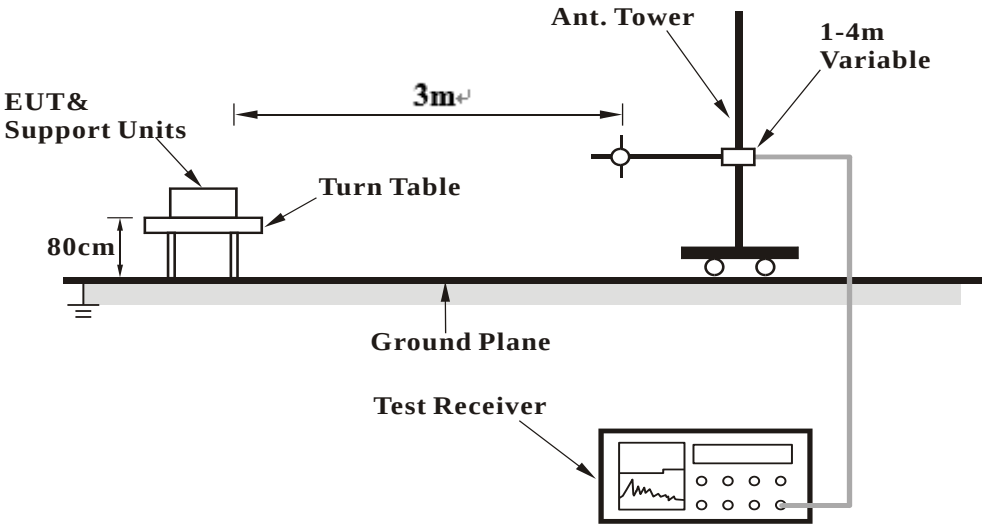
2. For higher frequency, the emission is 20dB below the limit was not record

2.6 TEST DATA

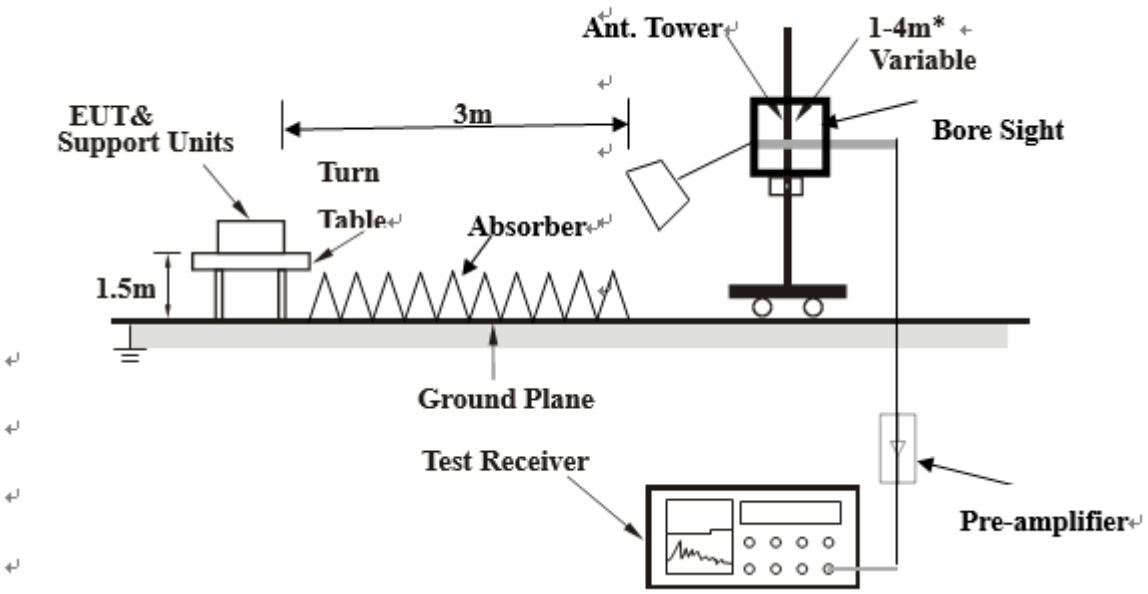
<Frequency Range 9KHz~30MHz >



< 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.

2.4G WIFI(N40-CH9)+LTE B41(10M CH40620):

BELOW 1GHz WORST-CASE DATA:

30 MHz – 1GHz data:

2.4G WIFI(N40-CH9)

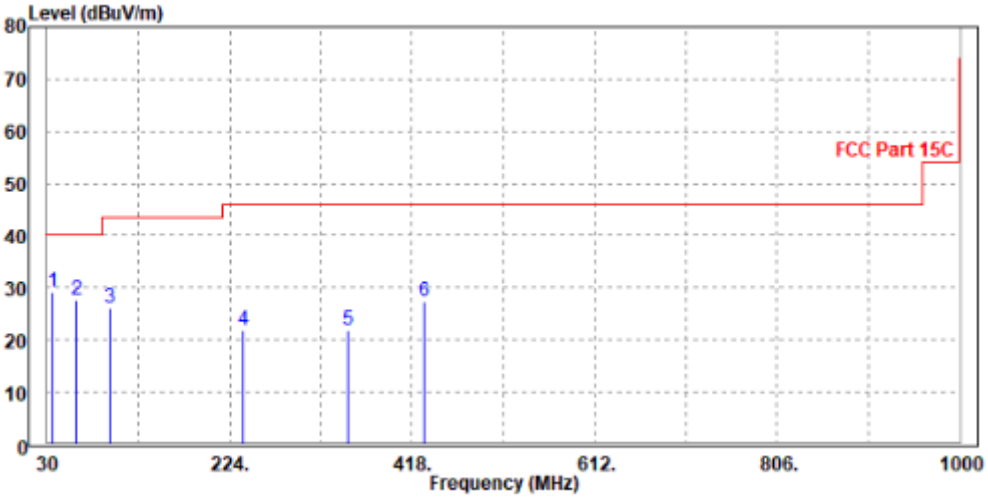
802.11n(40MHz)

CHANNEL	TX Channel 9	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
35.584	29.27	48.31	40	-10.73	17.96	0.33	37.33	157	56	QP
61.368	27.72	55.22	40	-12.28	8.99	0.45	36.94	184	179	QP
96.939	26.29	52.62	43.5	-17.21	10.01	0.52	36.86	156	183	QP
238.614	21.85	44.32	46	-24.15	13	0.81	36.28	110	52	QP
350.28	22.04	42.28	46	-23.96	15.11	0.99	36.34	142	15	QP
430.227	27.28	45.87	46	-18.72	16.77	1.12	36.48	200	339	QP

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.

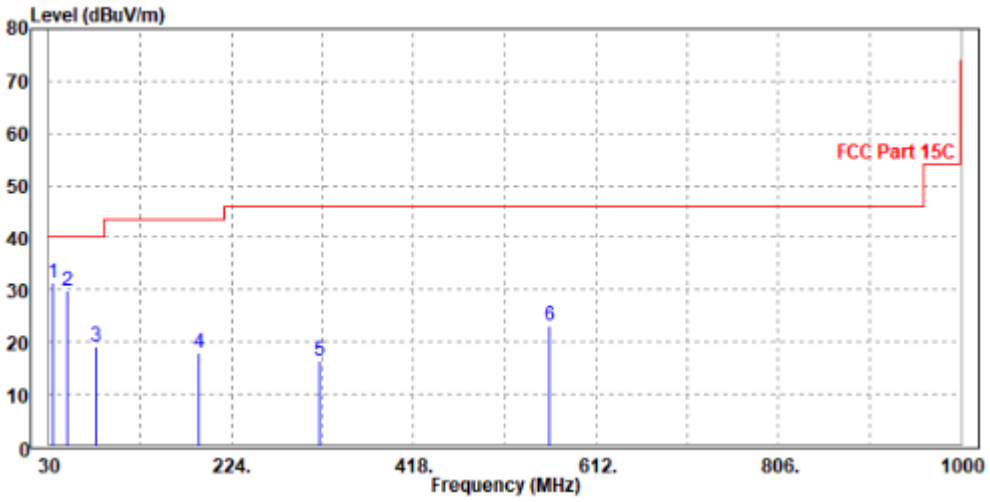


CHANNEL	TX Channel 9	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
33.88	31.37	50.06	40	-8.63	18.36	0.33	37.38	169	285	QP
49.4	29.76	56.45	40	-10.24	9.92	0.4	37.01	119	44	QP
79.47	19.23	48.09	40	-20.77	7.63	0.49	36.98	132	333	QP
189.08	18.08	42.37	43.5	-25.42	11.34	0.72	36.35	183	178	QP
317.12	16.29	37.25	46	-29.71	14.39	0.94	36.29	133	241	QP
562.53	23.16	39.76	46	-22.84	18.85	1.31	36.76	183	183	QP

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.



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

802.11n40:

CHANNEL	TX Channel 9	**DETECTOR FUNCTION**	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	**EMISSION LEVEL (dBuV/m)**	**READ LEVEL (dBuV)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA FACTOR (dB /m)**	**CABLE LOSS (dB)**	**PREAMP FACTOR (dB)**	**ANTENNA HEIGHT (cm)**	**TABLE ANGLE (Degree)**	**REMARK**
2390	51.32	59.36	74	-22.68	31.75	6.18	45.97	100	235	Peak
2390	43.51	51.55	54	-10.49	31.75	6.18	45.97	100	235	Average
2452	101.61	109.35	/	/	31.95	6.26	45.95	100	235	Peak
2452	92.49	100.23	/	/	31.95	6.26	45.95	100	235	Average
2483.5	66.95	74.52	74	-7.05	32.05	6.31	45.93	100	235	Peak
2483.5	50.58	58.15	54	-3.42	32.05	6.31	45.93	100	235	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	**EMISSION LEVEL (dBuV/m)**	**READ LEVEL (dBuV)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA FACTOR (dB /m)**	**CABLE LOSS (dB)**	**PREAMP FACTOR (dB)**	**ANTENNA HEIGHT (cm)**	**TABLE ANGLE (Degree)**	**REMARK**
2390	52.21	59.86	74	-21.79	32.14	6.18	45.97	100	180	Peak
2390	43.57	51.22	54	-10.43	32.14	6.18	45.97	100	180	Average
2452	96.07	103.48	/	/	32.28	6.26	45.95	100	180	Peak
2452	86.79	94.2	/	/	32.28	6.26	45.95	100	180	Average
2483.5	63.02	70.28	74	-10.98	32.36	6.31	45.93	100	180	Peak
2483.5	50.05	57.31	54	-3.95	32.36	6.31	45.93	100	180	Average

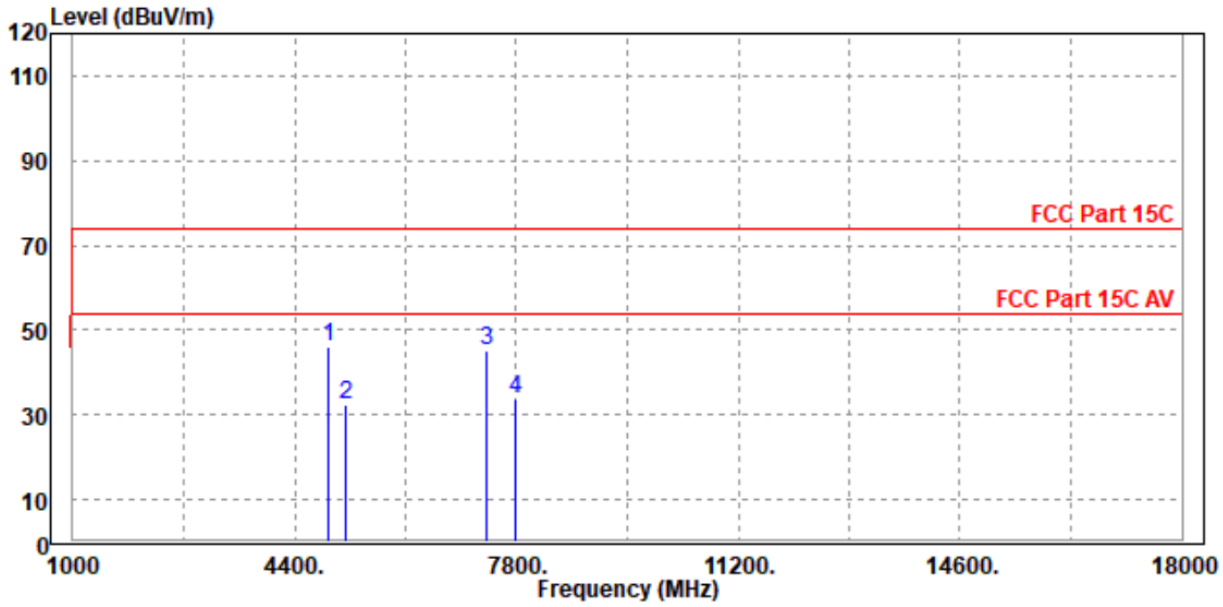
REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 2452MHz: Fundamental frequency.

2.4G WIFI(N40-CH9)+LTE B41(10M CH40620)-Harmonic：

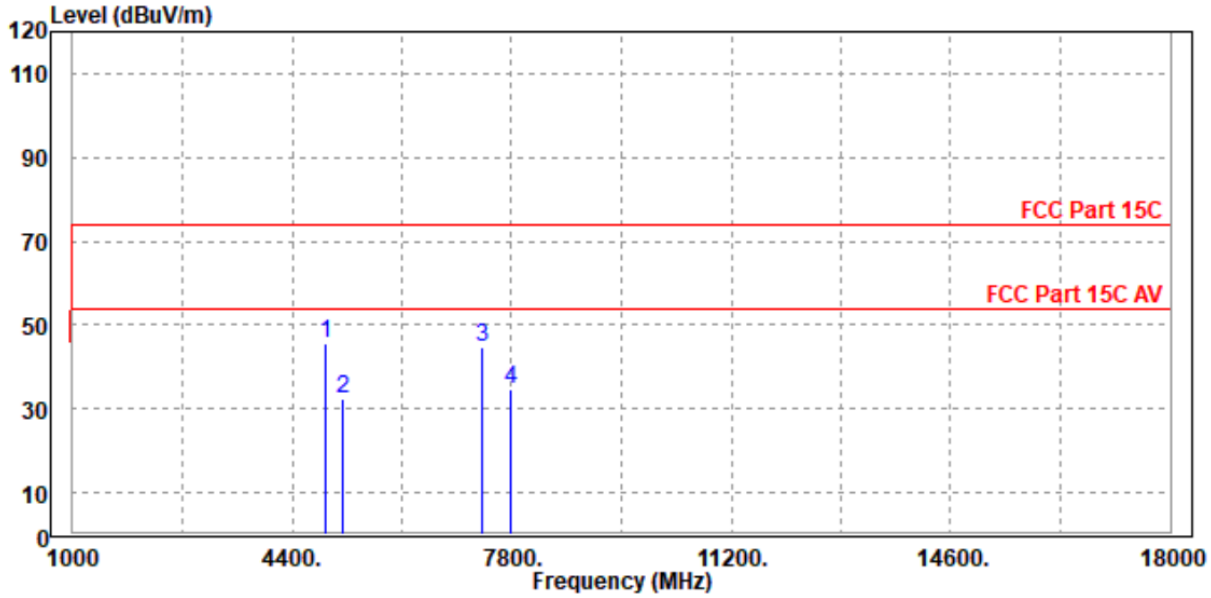
NOTE ： The 18G~25GHz amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M



		Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
		MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1	PP	4912.000	46.03	47.31	74.00	-27.97	-1.28	Peak	Horizontal
2		5186.000	32.33	33.38	74.00	-41.67	-1.05	Peak	Horizontal
3		7356.000	45.00	43.10	74.00	-29.00	1.90	Peak	Horizontal
4		7779.000	33.65	30.99	74.00	-40.35	2.66	Peak	Horizontal

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M



	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1	PP 4912.000	45.48	46.56	74.00	-28.52	-1.08	Peak	Vertical
2	5186.000	32.62	33.62	74.00	-41.38	-1.00	Peak	Vertical
3	7356.000	44.88	42.92	74.00	-29.12	1.96	Peak	Vertical
4	7779.000	34.52	31.75	74.00	-39.48	2.77	Peak	Vertical

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

5G WIFI(AC80-CH42)+LTE B41(10M CH 40620):

BELOW 1GHz WORST-CASE DATA:

30MHz – 1GHz data:

5G WIFI(AC80-CH42)

Band1

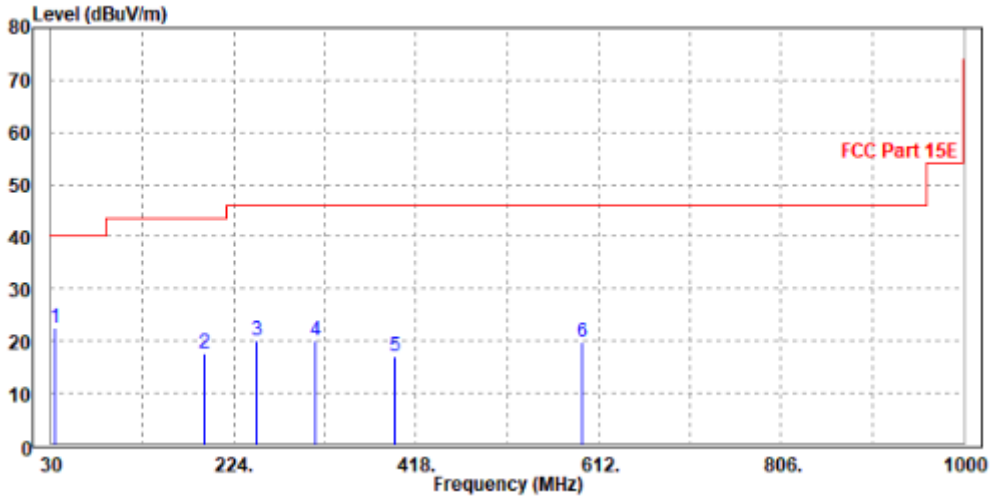
802.11ac (80MHz)

CHANNEL	TX Channel 42	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
33.88	22.64	40.62	40	-17.36	19.07	0.33	37.38	190	129	QP
192.96	17.72	41.99	43.5	-25.78	11.34	0.72	36.33	153	276	QP
248.25	20.19	42.22	46	-25.81	13.42	0.83	36.28	177	27	QP
310.33	20.05	41.17	46	-25.95	14.23	0.93	36.28	137	55	QP
395.69	17.18	36.41	46	-28.82	16.11	1.07	36.41	159	232	QP
594.54	19.86	35.74	46	-26.14	19.61	1.35	36.84	178	162	QP

REMARKS:

1. Emission level (dBuV/m) = Read level (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

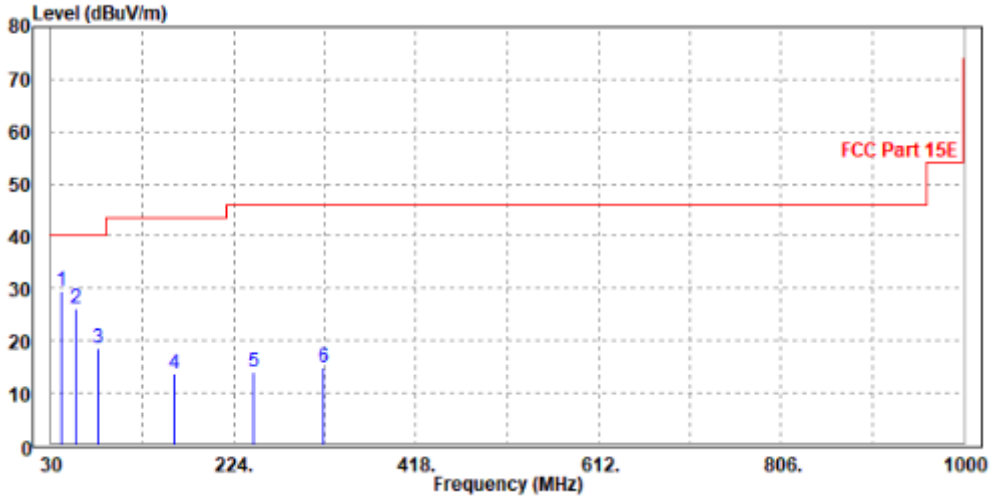


CHANNEL	TX Channel 42	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
40.67	29.58	54.31	40	-10.42	12.11	0.37	37.21	126	97	QP
56.19	26.24	53.75	40	-13.76	9.02	0.43	36.96	164	246	QP
80.44	18.44	47.29	40	-21.56	7.64	0.49	36.98	187	162	QP
160.95	13.79	38.7	43.5	-29.71	10.91	0.68	36.5	150	352	QP
244.37	13.87	36.85	46	-32.13	12.48	0.82	36.28	133	147	QP
319.06	14.81	35.72	46	-31.19	14.44	0.94	36.29	119	141	QP

REMARKS:

1. Emission level (dBuV/m) = Read level (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.



ABOVE 1GHz WORST-CASE DATA:

Note: For higher frequency, the emission is too low to be detected.

802.11ac (80MHz)

CHANNEL	TX Channel 42	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	**EMISSION LEVEL (dBuV/m)**	**READ LEVEL (dBuV)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA FACTOR (dB /m)**	**CABLE LOSS (dB)**	**PREAMP FACTOR (dB)**	**ANTENNA HEIGHT (cm)**	**TABLE ANGLE (Degree)**	**REMARK**
5150	56.15	57.22	74	-17.85	34.52	9.92	45.51	100	290	Peak
5150	50.41	51.48	54	-3.59	34.52	9.92	45.51	100	290	Average
5210	93.78	94.82	/	/	34.57	9.9	45.51	100	290	Peak
5210	87.14	88.18	/	/	34.57	9.9	45.51	100	290	Average
5350	55.34	56.32	74	-18.66	34.68	9.85	45.51	100	290	Peak
5350	48.34	49.32	54	-5.66	34.68	9.85	45.51	100	290	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	**EMISSION LEVEL (dBuV/m)**	**READ LEVEL (dBuV)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA FACTOR (dB /m)**	**CABLE LOSS (dB)**	**PREAMP FACTOR (dB)**	**ANTENNA HEIGHT (cm)**	**TABLE ANGLE (Degree)**	**REMARK**
5150	55.83	56.82	74	-18.17	34.6	9.92	45.51	100	145	Peak
5150	49.26	50.25	54	-4.74	34.6	9.92	45.51	100	145	Average
5210	86.61	87.62	/	/	34.6	9.9	45.51	100	145	Peak
5210	79.32	80.33	/	/	34.6	9.9	45.51	100	145	Average
5350	54.87	55.93	74	-19.13	34.6	9.85	45.51	100	145	Peak
5350	48.23	49.29	54	-5.77	34.6	9.85	45.51	100	145	Average

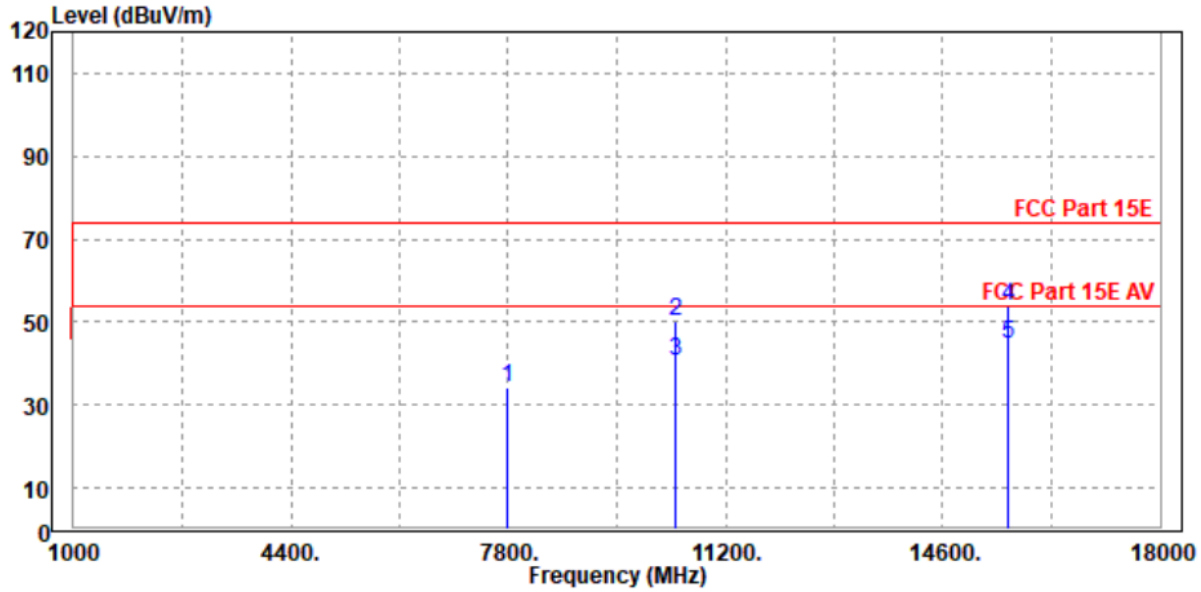
REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 5210MHz: Fundamental frequency.

5G WIFI(AC80-CH42)+LTE B41(10M CH 40620)-Harmonic：

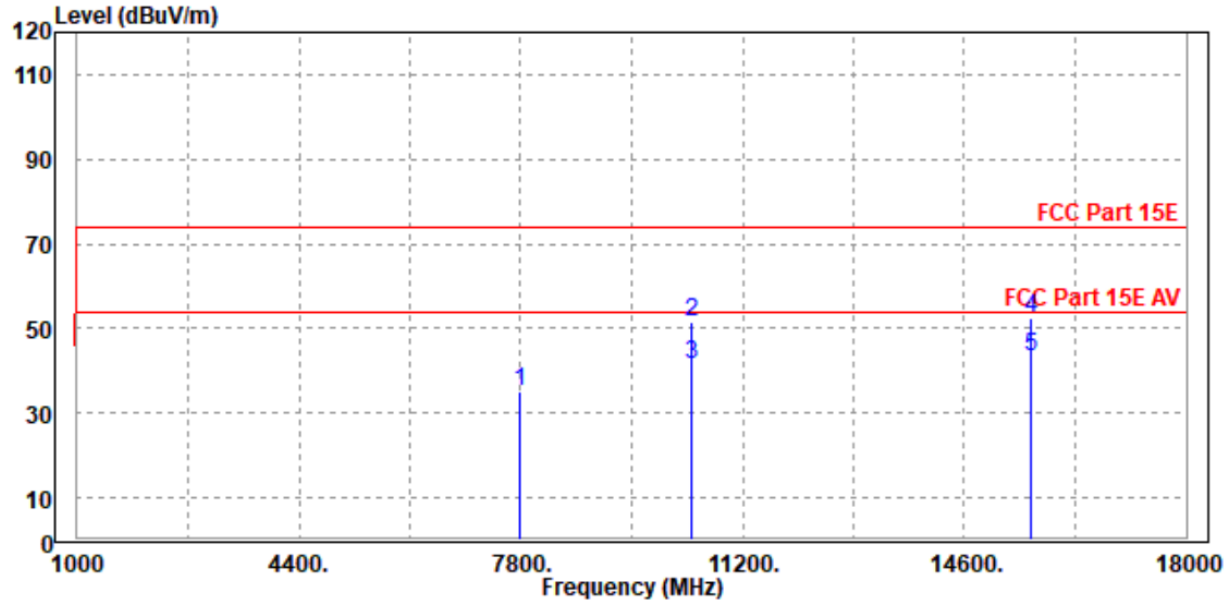
NOTE ： The 18G~40GHz amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M



	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1	7779.000	34.05	31.39	74.00	-39.95	2.66	Peak	Horizontal
2	10418.000	50.09	43.19	74.00	-23.91	6.90	Peak	Horizontal
3	10418.000	40.73	33.83	54.00	-13.27	6.90	Average	Horizontal
4	PK15630.000	54.02	40.92	74.00	-19.98	13.10	Peak	Horizontal
5	PP15630.000	44.59	31.49	54.00	-9.41	13.10	Average	Horizontal

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M



	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1	7779.000	35.08	32.31	74.00	-38.92	2.77	Peak	Vertical
2	10418.000	51.34	43.22	74.00	-22.66	8.12	Peak	Vertical
3	10418.000	41.67	33.55	54.00	-12.33	8.12	Average	Vertical
4	PK15630.000	52.24	40.23	74.00	-21.76	12.01	Peak	Vertical
5	PP15630.000	43.27	31.26	54.00	-10.73	12.01	Average	Vertical