TEST REPORT

Applicant Name:	M&M Electronics, S.A.
Address:	Cocosolito, Colon Free Zone, Main Entrance Warehouse 10D and 11D, Colon Panama
Report Number:	2401Y68085E-RF-00D
FCC ID:	2BLU9-QT10

Test Standard (s)

FCC PART 27; FCC PART 22H; FCC PART 24E

Sample Description

Product Type:	Tablet
Model No.:	QT10AVGW464
Multiple Model(s) No.:	N/A
Trade Mark:	COMPAQ
Date Received:	2024/10/23
Issue Date:	2024/12/11

Test Result:	Pass▲

▲ In the configuration tested, the EUT complied with the standards above.

Prepared and Checked By:

Jack Zeng

RF Engineer

Approved By:

Nancy Wang

RF Supervisor

Note: The information marked # is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report. Customer model name, addresses, names, trademarks etc. are included.

This report may contain data that are not covered by the NVLAP accreditation and are marked with an asterisk "▼".

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
0	2401Y68085E-RF-00D	Original Report	2024/12/11

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Product	Tablet			
Tested Model	QT10AVGW464			
Multiple Model(s)	N/A			
Frequency Range	GSM 850: 824-849MHz(TX); 869-894MHz(RX) PCS 1900: 1850-1910MHz(TX); 1930-1990MHz(RX) WCDMA Band 2: 1850-1910MHz(TX); 1930-1990MHz(RX) WCDMA Band 5: 824-849MHz(TX); 869-894MHz(RX) LTE Band 4: 1710-1755MHz(TX); 2110-2155MHz(RX) LTE Band 5: 824-849MHz(TX); 869-894MHz(RX) LTE Band 7: 2500-2570MHz(TX); 2620-2690MHz(TX)			
Modulation Technique	2G: GMSK, 8PSK 3G: BPSK, QPSK, 16QAM, 64QAM 4G: QPSK, 16QAM			
Antenna Specification#	Antenna	Operation Bands	Antenna Gain (G_T) (dBi)	L_C (dB)
	Main ANT	GSM 850/WCDMA B5/LTE B5	0.66	0.5
		PCS1900/WCDMA 2	2.20	0.8
		LTE B4	1.74	0.8
		LTE B7	1.07	0.8
	Note: Lc= Signal Attenuation in the connecting cable between the transmitter and antenna, in dB.			
Voltage Range	DC 5V from adapter or DC 3.85V from battery			
Sample serial number	2SLQ-1 for Radiated Emissions Test 2SLQ-7 for RF Conducted Test (Assigned by BACL, Shenzhen)			
Sample/EUT Status	Good condition			
Normal/Extreme Condition#	LV: Low Voltage $3.5V_{DC}$ NV: Normal Voltage $3.85V_{DC}$ HV: High Voltage $4.4V_{DC}$			
Adapter Information	Model:HJ-0502000W2-US Input: 100-240V~50/60Hz 0.3A Output: 5.0V, 2.0A 10.0W			

Objective

This test report is in accordance with Part 2-Subpart J, Part 22-Subpart H, Part24-Subpart E, and Part 27 of the Federal Communication Commission's rules.

The objective is to determine the compliance of the EUT with FCC rules for output power, modulation characteristic, occupied bandwidth, and spurious emission at antenna terminal, spurious radiated emission, frequency stability and band edge.

Test Methodology

All tests and measurements indicated in this document were performed in accordance with the Code of Federal Regulations Title 47 Part 2-Subpart J as well as the following parts:

Part 22 Subpart H - Public Mobile Services
Part 24 Subpart E - Personal Communication Services
Part 27 - Miscellaneous Wireless Communications Services

ANSI C63.26-2015: American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services
KDB 971168 D01: Power Meas License Digital Systems v03r01

All emissions measurement was performed at Bay Area Compliance Laboratories Corp. (Shenzhen). The radiated testing was performed at an antenna-to-EUT distance of 3 meters.

Each test item follows test standards and with no deviation.

Measurement Uncertainty

Parameter		Uncertainty
Occupied Channel Bandwidth		109.2kHz(k=2, 95% level of confidence)
RF output power, conducted		0.86dB(k=2, 95% level of confidence)
Unwanted Emission, conducted		1.60dB(k=2, 95% level of confidence)
RF Frequency		56.6Hz(k=2, 95% level of confidence)
Radiated Emissions	30MHz~200MHz (Horizontal)	5.32dB(k=2, 95% level of confidence)
	30MHz~200MHz (Vertical)	5.43dB(k=2, 95% level of confidence)
	200MHz~1000MHz (Horizontal)	5.77dB(k=2, 95% level of confidence)
	200MHz~1000MHz (Vertical)	5.73dB(k=2, 95% level of confidence)
	1GHz - 6GHz	5.34dB(k=2, 95% level of confidence)
	6GHz - 18GHz	5.40dB(k=2, 95% level of confidence)
	18GHz - 40GHz	5.64dB(k=2, 95% level of confidence)
Temperature		±1℃
Humidity		±1%
Supply voltages		±0.4%

Note: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Shenzhen) to collect test data is located on the 5F(B-West) , 6F, 7F, the 3rd Phase of Wan Li Industrial Building D, Shihua Rd, FuTian Free Trade Zone, Shenzhen, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 715558, the FCC Designation No. : CN5045.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

The final qualification test was performed with the EUT operating at normal mode.

Frequency Band	Bandwidth (MHz)	Test Frequency (MHz)		
		Low	Middle	High
GSM850	0.25	824.2	836.6	848.8
PCS1900	0.25	1850.2	1880	1909.8
WCDMA B2	4.2	1852.4	1880	1907.6
WCDMA B5	4.2	826.4	836.4	846.6
LTE B4	1.4	1710.7	1732.5	1754.3
	3	1711.5	1732.5	1753.5
	5	1712.5	1732.5	1752.5
	10	1715	1732.5	1750
	15	1717.5	1732.5	1747.5
	20	1720	1732.5	1745
LTE B5	1.4	824.7	836.5	848.3
	3	825.5	836.5	847.5
	5	826.5	836.5	846.5
	10	829	836.5	844
LTE B7	5	2502.5	2535	2567.5
	10	2505	2535	2565
	15	2507.5	2535	2562.5
	20	2510	2535	2560

Equipment Modifications

No modification was made to the EUT.

Support Equipment List and Details

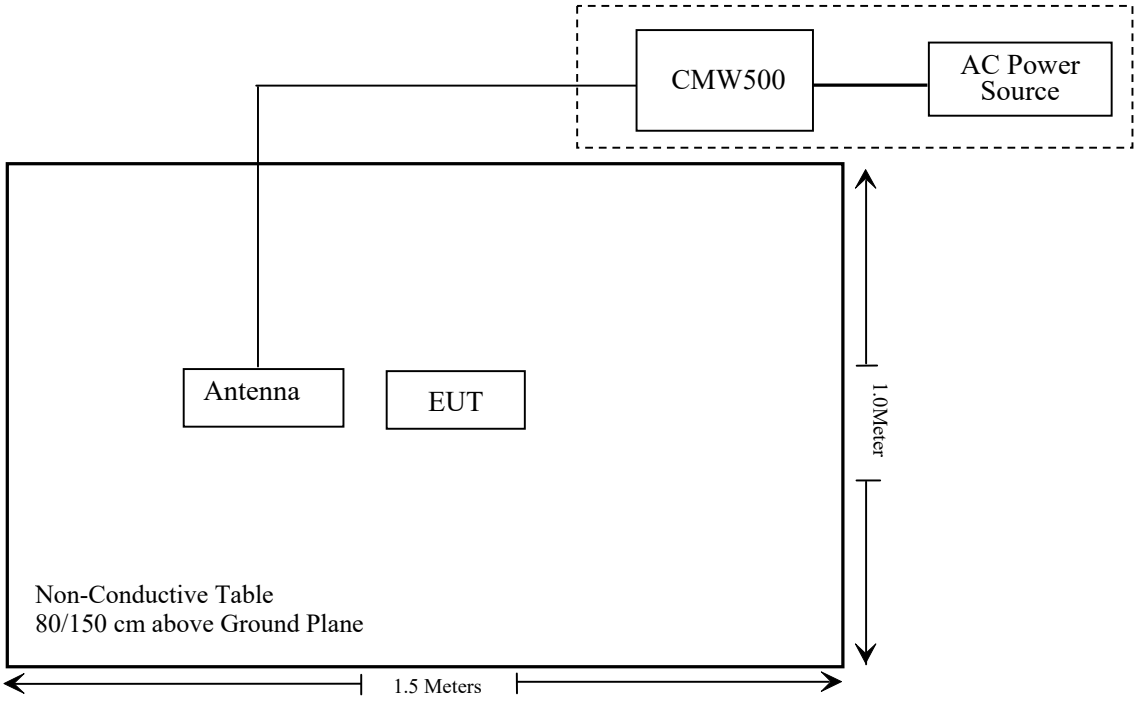
Manufacturer	Description	Model	Serial Number
Rohde & Schwarz	Wideband Radio Communication Tester	CMW500	146520

Support Cable Description

Cable Description	Length (m)	From / Port	To
Unshielded Un-detachable AC cable	1.2	AC Power Source	CMW500

Block Diagram of Test Setup

For radiated spurious emission



SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
§1.1307 ,§2.1093	RF Exposure (SAR)	Compliant
§2.1046; § 22.913 (a) (d); § 24.232 (c) (d); §27.50 (d) (h);	RF Output Power	Compliant
§ 2.1047	Modulation Characteristics	Not Applicable
§ 2.1049; § 22.905; § 22.917; § 24.238; §27.53	Occupied Bandwidth	Compliant
§ 2.1051; §22.917 (a); § 24.238 (a); §27.53;	Spurious Emissions at Antenna Terminal	Compliant
§ 2.1053; § 22.917 (a); § 24.238 (a); §27.53	Field Strength of Spurious Radiation	Compliant
§ 22.917 (a); § 24.238 (a); §27.53 (h) (m)	Band Edge	Compliant
§ 2.1055; § 22.355; § 24.235; §27.54;	Frequency stability	Compliant

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Radiated Emission Test					
Rohde & Schwarz	EMI Test Receiver	ESR3	102455	2024/01/16	2025/01/15
Sonoma instrument	Pre-amplifier	310 N	186238	2024/05/21	2025/05/20
Sunol Sciences	Broadband Antenna	JB1	A040904-1	2023/07/20	2026/07/19
Unknown	Cable	Chamber A Cable 1	N/A	2024/06/18	2025/06/17
Unknown	Cable	XH500C	J-10M-A	2024/06/18	2025/06/17
Agilent	Signal Generator	N5183A	MY50140588	2023/12/18	2024/12/17
COM-POWER	Dipole Antenna	AD-100	721027	NCR	NCR
Rohde & Schwarz	Spectrum Analyzer	FSV40	101605	2024/03/27	2025/03/26
Schwarzbeck	Horn Antenna	BBHA9120D(1201)	1143	2023/07/26	2026/07/25
The Electro-Mechanics Co.	Horn Antenna	3115	9107-3694	2024/06/06	2027/06/05
Unknown	RF Cable	KMSE	735	2024/06/18	2025/06/17
Unknown	RF Cable	UFA147	219661	2024/06/18	2025/06/17
JD	Multiplex Switch Test Control Set	DT7220FSU	DQ77926	2024/06/18	2025/06/17
A.H.System	Pre-amplifier	PAM-1840VH	190	2024/06/18	2025/06/17
Electro-Mechanics Co	Horn Antenna	3116	9510-2270	2023/09/18	2026/09/17
Electro-Mechanics Co	Horn Antenna	3116	2026	2023/09/18	2026/09/17
UTIFLEX	RF Cable	NO. 13	232308-001	2024/06/18	2025/06/17
RF Conducted Test					
Rohde & Schwarz	Spectrum Analyzer	FSV40	101942	2023/12/18	2024/12/17
Rohde & Schwarz	Wideband Radio Communication Tester	CMW500	146520	2024/05/21	2025/05/20
WEINSCHEL	3dB Attenuator	Unknown	F-03-EM220	2024/06/27	2025/06/26
WEINSCHEL	Power Splitter	1515	RH476	2024/06/27	2025/06/26
Unknown	RF Cable	65475	01670515	2024/06/27	2025/06/26
BACL	Temperature & Humidity Chamber	BTH-150-40	30145	2024/01/16	2025/01/15
instek	DC Power Supply	GPS-3030DD	EM832096	NCR	NCR
Fluke	Digital Multimeter	287	19000011	2024/05/21	2025/05/20

*** Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Shenzhen) attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

FCC §1.1307(b) & §2.1093 - RF EXPOSURE INFORMATION

Applicable Standard

FCC§1.1310 and §2.1093.

Test Result

Compliant, please refer to the SAR report: 2401Y68085E-SA.

FCC§2.1047 - MODULATION CHARACTERISTIC

According to FCC § 2.1047(d), Part 22H,24E&27 there is no specific requirement for digital modulation, therefore modulation characteristic is not presented.

FCC § 2.1046, § 22.913 (a) (d) & § 24.232 (c) (d); §27.50 (d) (h) - RF OUTPUT POWER

Applicable Standard

According to FCC §2.1046 and §22.913 (a), the ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

According to FCC §2.1046 and §24.232 (c),mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

The peak-to-average power ratio (PAPR) of the transmitter output power must not exceed 13 dB.

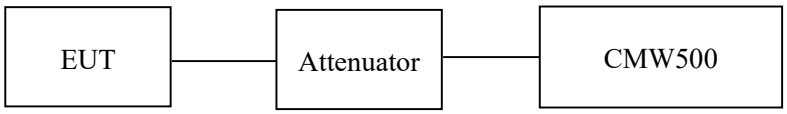
According to §27.50(d), Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP.

According to §27.50(h), the maximum EIRP must not exceed 2Watts (33dBm) for 2496-2690MHz.

Test Procedure

Conducted method: ANSI C63.26-2015 Section 5.2

The RF output of the transmitter was connected to the CMW500 through sufficient attenuation.



Test Data

Environmental Conditions

Temperature:	25~27.5 ℃
Relative Humidity:	48~52 %
ATM Pressure:	101 kPa

The testing was performed by Usain Ou from 2024-11-17 to 2024-12-11.

Test Result: Compliant. Please refer to the Appendix 2G&3G&4G.

FCC §2.1049, §22.917, §22.905 & §24.238&§27.53 - OCCUPIED BANDWIDTH

Applicable Standard

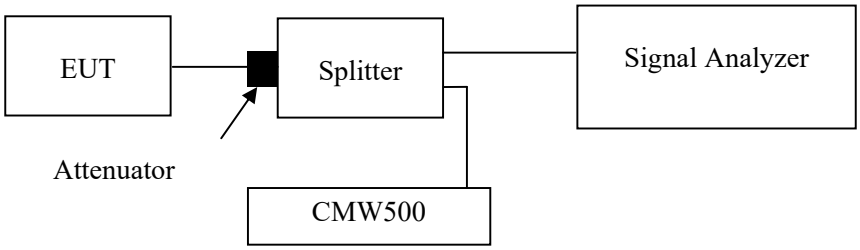
FCC 47 §2.1049, §22.917, §22.905, §24.238 and §27.53.

Test Procedure

ANSI C63.26-2015 Section 5.4.4

The RF output of the transmitter was connected to the simulator and the spectrum analyzer through sufficient attenuation.

The resolution bandwidth of the spectrum analyzer was set at 1% to 5% of the anticipated emission bandwidth and the 26 dB & 99% bandwidth was recorded.



Test Data

Environmental Conditions

Temperature:	25~27.5 ℃
Relative Humidity:	48~52 %
ATM Pressure:	101 kPa

The testing was performed by Usain Ou from 2024-11-17 to 2024-12-11.

EUT operation mode: Transmitting

Test Result: Compliant. Please refer to the Appendix 2G&3G&4G.

FCC §2.1051, §22.917(a) & §24.238(a) & §27.53 - SPURIOUS EMISSIONS AT ANTENNA TERMINALS

Applicable Standard

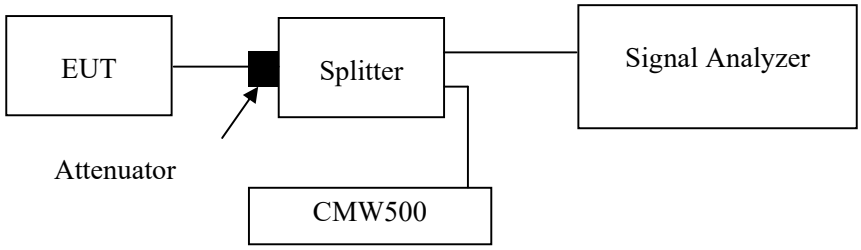
FCC §2.1051, §22.917(a) & §24.238(a) & §27.53.

The spectrum was to be investigated to the tenth harmonics of the highest fundamental frequency as specified in § 2.1051.

Test Procedure

ANSI C63.26-2015 Section 5.7

The RF output of the transceiver was connected to a spectrum analyzer and simulator through appropriate attenuation. The resolution bandwidth of the spectrum analyzer was set at 1MHz. Sufficient scans were taken to show any out of band emissions up to 10^{th} harmonic.



Note: the worst path loss (cable loss and splitter inset loss) among the test frequency range was added into plots.

Test Data

Environmental Conditions

Temperature:	25~27.5 ℃
Relative Humidity:	48~52 %
ATM Pressure:	101 kPa

The testing was performed by Usain Ou from 2024-11-17 to 2024-12-11.

EUT operation mode: Transmitting

Test result: Compliant. Please refer to the Appendix 2G&3G&4G.

FCC § 2.1053; § 22.917 (a); § 24.238 (a); §27.53 - SPURIOUS RADIATED EMISSIONS

Applicable Standard

FCC § 2.1053, §22.917(a)& § 24.238(a) &§ 27.53.

Test Procedure

ANSI C63.26-2015 Section 5.5

The transmitter was placed on a wooden turntable, and it was transmitting into a non-radiating load which was also placed on the turntable.

The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the receiving antenna height and polarization as well as EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. The test was performed by placing the EUT on 3-orthogonal axis.

The frequency range up to tenth harmonic of the fundamental frequency was investigated.

Test Data

Environmental Conditions

Temperature:	25 °C
Relative Humidity:	50 %
ATM Pressure:	101 kPa

The testing was performed by Dylan Yang on 2024-11-02.

EUT operation mode: Transmitting (Pre-scan in the X, Y and Z axes of orientation, the worst case z-axis of orientation was recorded)

Frequency (MHz)	Receiver Reading (dBµV)	Polar (H / V)	Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBi/dBd)			
GSM 850 (30MHz-10GHz)								
Low Channel								
1648.40	47.6	H	-60.1	0.9	8.6	-52.4	-13	39.4
1648.40	46.1	V	-62.1	0.9	8.6	-54.4	-13	41.4
Middle Channel								
1673.2	47.4	H	-60.2	0.9	8.6	-52.5	-13	39.5
1673.2	46.9	V	-61.2	0.9	8.6	-53.5	-13	40.5
High Channel								
1697.6	47.3	H	-60.3	0.9	8.6	-52.6	-13	39.6
1697.6	48.5	V	-59.6	0.9	8.6	-51.9	-13	38.9
PCS 1900(30MHz-20GHz)								
Low Channel								
3700.4	51.7	H	-53.7	1.3	11	-44	-13	31
3700.4	57.5	V	-47.8	1.3	11	-38.1	-13	25.1
Middle Channel								
3760	52.9	H	-52.2	1.3	10.7	-42.8	-13	29.8
3760	57.1	V	-48	1.3	10.7	-38.6	-13	25.6
High Channel								
5729.4	51.8	H	-50.4	1.7	11.1	-41	-13	28
5729.4	52.9	V	-49.4	1.7	11.1	-40	-13	27

Frequency (MHz)	Receiver Reading (dBµV)	Polar (H / V)	Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBi/dBd)			
WCDMA Band 2 (30MHz-20GHz)								
Low Channel								
3704.8	45.8	H	-59.6	1.3	11	-49.9	-13	36.9
3704.8	44.5	V	-60.8	1.3	11	-51.1	-13	38.1
Middle Channel								
3760	44.9	H	-60.2	1.3	10.7	-50.8	-13	37.8
3760	44.5	V	-60.6	1.3	10.7	-51.2	-13	38.2
High Channel								
3815.2	45.1	H	-60	1.3	10.7	-50.6	-13	37.6
3815.2	44.8	V	-60.3	1.3	10.7	-50.9	-13	37.9
WCDMA Band 5 (30MHz-10GHz)								
Low Channel								
1652.8	47.5	H	-60.1	0.9	8.6	-52.4	-13	39.4
1652.8	47.9	V	-60.2	0.9	8.6	-52.5	-13	39.5
Middle Channel								
1672.8	62.6	H	-45	0.9	8.6	-37.3	-13	24.3
1672.8	61.3	V	-46.8	0.9	8.6	-39.1	-13	26.1
2509.2	58	H	-49.4	1.1	8.8	-41.7	-13	28.7
2509.2	56.5	V	-50.6	1.1	8.8	-42.9	-13	29.9
High Channel								
1693.2	47.5	H	-60.1	0.9	8.6	-52.4	-13	39.4
1693.2	47.9	V	-60.2	0.9	8.6	-52.5	-13	39.5

LTE Bands: (pre-scan QPSK & 16QAM with all bandwidths, the worst case as below)

Frequency (MHz)	Receiver Reading (dBµV)	Polar (H / V)	Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBi/dBd)			
Band 4 (30MHz-20GHz)								
QPSK, 1.4MHz_RB1#0, Low Channel								
3421.4	64.9	H	-41.1	1.3	9.9	-32.5	-13	19.5
3421.4	63.3	V	-42.4	1.3	9.9	-33.8	-13	20.8
5132.1	51.4	H	-51.8	1.5	9.6	-43.7	-13	30.7
5132.1	50.4	V	-52.2	1.5	9.6	-44.1	-13	31.1
QPSK, 1.4MHz_RB1#0, Middle Channel								
3465	64.3	H	-41.6	1.3	10.5	-32.4	-13	19.4
3465	62.7	V	-42.9	1.3	10.5	-33.7	-13	20.7
5197.5	51.3	H	-51.7	1.6	9.7	-43.6	-13	30.6
5197.5	49.3	V	-53.4	1.6	9.7	-45.3	-13	32.3
QPSK, 1.4MHz_RB1#0, High Channel								
3508.6	65.2	H	-40.7	1.3	10.5	-31.5	-13	18.5
3508.6	63.6	V	-42	1.3	10.5	-32.8	-13	19.8
5262.9	53.2	H	-49.7	1.6	10	-41.3	-13	28.3
5262.9	51.1	V	-51.6	1.6	10	-43.2	-13	30.2
Band 5 (30MHz-10GHz)								
QPSK, 1.4MHz_RB1#0, Low Channel								
1649.4	49.4	H	-58.3	0.9	8.6	-50.6	-13	37.6
1649.4	48.1	V	-60.1	0.9	8.6	-52.4	-13	39.4
QPSK, 1.4MHz_RB1#0, Middle Channel								
1673	48.8	H	-58.8	0.9	8.6	-51.1	-13	38.1
1673	47.9	V	-60.2	0.9	8.6	-52.5	-13	39.5
QPSK, 1.4MHz_RB1#0, High Channel								
1696.6	47.1	H	-60.5	0.9	8.6	-52.8	-13	39.8
1696.6	48.7	V	-59.4	0.9	8.6	-51.7	-13	38.7

Frequency (MHz)	Receiver Reading (dBµV)	Polar (H / V)	Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBi/dBd)			
Band 7 (30MHz-26.5GHz)								
QPSK, 5MHz_RB1#0, Low Channel								
5005	59.2	H	-44.1	1.5	9.8	-35.8	-25	10.8
5005	65.1	V	-37.5	1.5	9.8	-29.2	-25	4.2
QPSK, 5MHz_RB1#0, Middle Channel								
5070	56.3	H	-46.9	1.5	9.6	-38.8	-25	13.8
5070	57.4	V	-45.2	1.5	9.6	-37.1	-25	12.1
7605	46.4	H	-49.5	1.9	11	-40.4	-25	15.4
7605	55.2	V	-41	1.9	11	-31.9	-25	6.9
QPSK, 5MHz_RB1#0, High Channel								
5135	56.8	H	-46.4	1.5	9.6	-38.3	-25	13.3
5135	57.9	V	-44.7	1.5	9.6	-36.6	-25	11.6
7702.5	49.5	H	-46.3	1.9	10.9	-37.3	-25	12.3
7702.5	57	V	-39.2	1.9	10.9	-30.2	-25	5.2

Note: All other spurious emission below 1GHz is 20dB to the limit which was not recorded.

FCC§ 22.917 (a); § 24.238 (a); §27.53 (h)(m) - BAND EDGES

Applicable Standard

According to § 22.917(a), the power of any emissions outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

According to §24.238(a), the power of any emissions outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

According to FCC §27.53 (h), the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

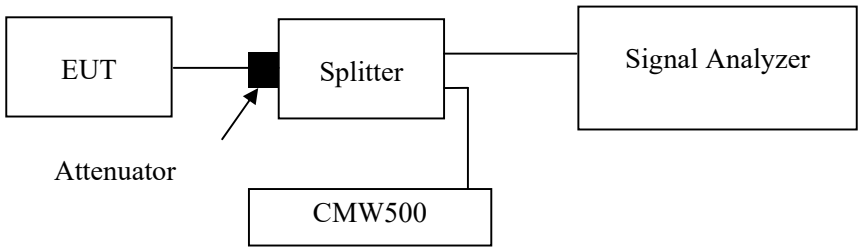
According to FCC §27.53 (m), For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5MHz.

Test Procedure

ANSI C63.26-2015 Section 5.7

The RF output of the transmitter was connected to the input of the spectrum analyzer through sufficient attenuation.

The center of the spectrum analyzer was set to block edge frequency



Test Data

Environmental Conditions

Temperature:	25~27.5 ℃
Relative Humidity:	48~52 %
ATM Pressure:	101 kPa

The testing was performed by Usain Ou from 2024-11-17 to 2024-12-11.

EUT operation mode: Transmitting (Worst case)

Test Result: Compliant. Please refer to the Appendix 2G&3G&4G.

FCC § 2.1055; § 22.355; § 24.235; §27.54 - FREQUENCY STABILITY

Applicable Standard

FCC § 2.1055, §22.355, §24.235&§27.54.

According to FCC §2.1055, the frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

According to §22.355, the carrier frequency of each transmitter in the Public Mobile Services must be maintained within the tolerances given in Table below:

Frequency Tolerance for Transmitters in the Public Mobile Services

Frequency Range (MHz)	Base, fixed (ppm)	Mobile ≤ 3 watts (ppm)	Mobile > 3 watts (ppm)
25 to 50	20.0	20.0	50.0
50 to 450	5.0	5.0	50.0
450 to 512	2.5	5.0	5.0
821 to 896	1.5	2.5	2.5
928 to 929.	5.0	N/A	N/A
929 to 960.	1.5	N/A	N/A
2110 to 2220	10.0	N/A	N/A

According to §24.235&§27.54, the frequency stability shall be sufficient to ensure that the fundamental emissions stays within the authorized frequency block.

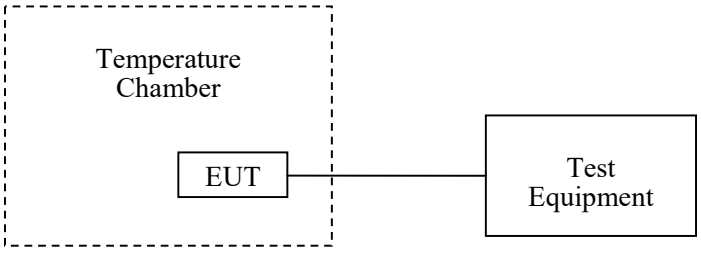
Test Procedure

ANSI C63.26-2015 Section 5.6

Frequency Stability vs. Temperature: The equipment under test was connected to an external DC power supply and the RF output was connected to communication test set via feed-through attenuators. The EUT was placed inside the temperature chamber. The DC leads and RF output cable exited the chamber through an opening made for the purpose.

After the temperature stabilized for approximately 20 minutes, the frequency output was recorded from the communication test set.

Frequency Stability vs. Voltage: For hand carried, battery powered equipment; reduce primary supply voltage to the battery operating end point which shall be specified by the manufacturer.



Test Data

Environmental Conditions

Temperature:	25~27.5 ℃
Relative Humidity:	48~52 %
ATM Pressure:	101 kPa

The testing was performed by Usain Ou from 2024-11-17 to 2024-12-11.

EUT operation mode: Transmitting

Test Result: Compliant. Please refer to the Appendix 2G&3G&4G.

EUT PHOTOGRAPHS

Please refer to the attachment 2401Y68085E-RF External photo and 2401Y68085E-RF Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2401Y68085E-RFC Test Setup photo.

******* END OF REPORT *******