

TEST REPORT

Applicant: Beijing XYZ Embodied AI Co., Ltd.

Address of Applicant: Building 5, Yard 3, Jinghai 5th Road, Tongzhou District, Beijing, China

Manufacturer Beijing XYZ Embodied AI Co., Ltd.

Address of Manufacturer: Building 5, Yard 3, Jinghai 5th Road, Tongzhou District, Beijing, China

Equipment Under Test (EUT)

Product Name: Robot Domain Controller

Model No.: T5

FCC ID: 2BV5O-T5

Applicable standards: FCC CFR Title 47 Part 15 Subpart C Section 15.247/15.407
FCC CFR Title 47 Part 22/24/27/90/96

Date of sample receipt: March 17, 2026

Date of Test: March 25, 2026- June 11, 2026

Date of report issued: June 15, 2026

Test Result : PASS *

* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:



Laboratory Manager

This results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

2 Version

Version No.	Date	Description
00	March 05, 2026	Original

Tested By:

Jauch. Gai

Date:

June 15, 2026

Test Engineer

Prepared By:

Jason Liu

Date:

June 15, 2026

Project Engineer

Check By:

Robinson Liu

Date:

June 15, 2026

Reviewer

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4 Test Summary

Test Item	Section	Result
Antenna requirement	FCC part 15.203/15.247 (c)/15.407	Pass
Spurious Emission	FCC part 15.205/15.209/15.247(d)/part22/24/27/90/96	Pass

Remark:

1. Test according to ANSI C63.10:2020
2. Pass: The EUT complies with the essential requirements in the standard.
3. N/A: Not applicable.
4. This report is based on report SEWM2304000122RG01/02, ZEWM2306000841RG01/02/03 that the RF module is same, the EUT only changed the antenna. The EUT conducted data is refer to original report SEWM2304000122RG01/02, ZEWM2306000841RG01/02/03.

Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Radio Frequency	$\pm 7.25 \times 10^{-8}$
2	Duty cycle	$\pm 0.37\%$
3	Occupied Bandwidth	$\pm 3\%$
4	RF conducted power	$\pm 0.75\text{dB}$
5	RF power density	$\pm 3\text{dB}$
6	Conducted Spurious emissions	$\pm 2.58\text{dB}$
7	AC Power Line Conducted Emission	$\pm 3.44\text{dB}$ (0.15MHz ~ 30MHz)
8	Radiated Spurious emission test	$\pm 3.1\text{dB}$ (9kHz-30MHz)
		$\pm 3.8039\text{dB}$ (30MHz-200MHz)
		$\pm 3.9679\text{dB}$ (200MHz-1GHz)
		$\pm 4.29\text{dB}$ (1GHz-18GHz)
		$\pm 3.30\text{dB}$ (18GHz-40GHz)
9	Temperature test	$\pm 1^\circ\text{C}$
10	Humidity test	$\pm 3\%$
11	Time	$\pm 3\%$

5 General Information

5.1 General Description of EUT

Product Name:	Robot Domain Controller
Model No.	T5
Operating Frequency LTE	Bluetooth: 2402 ~ 2480MHz WiFi 2.4G: 2412 ~ 2462MHz WiFi 5G: 5150 ~ 5825MHz WiFi 6E: 5925 ~ 7125MHz WCDMA Band 2: 1850 ~ 1910 MHz (TX), 1930 ~ 1990 MHz (RX) WCDMA Band 4: 1710 ~ 1755 MHz (TX), 2110 ~ 2155 MHz (RX) WCDMA Band 5: 824 ~ 849 MHz (TX), 869 ~ 894 MHz (RX) LTE Band 2: 1850 ~ 1910 MHz (TX), 1930 ~ 1990 MHz (RX) LTE Band 4: 1710 ~ 1755 MHz (TX), 2110 ~ 2155 MHz (RX) LTE Band 5: 824 ~ 849 MHz (TX), 869 ~ 894 MHz (RX) LTE Band 7: 2500 ~ 2570 MHz (TX), 2620 ~ 2690 MHz (RX) LTE Band 12: 699 ~ 716 MHz (TX), 729 ~ 746 MHz (RX) LTE Band 13: 777 ~ 787 MHz (TX), 746 ~ 756 MHz (RX) LTE Band 17: 704 ~ 716 MHz (TX), 734 ~ 746 MHz (RX) LTE Band 25: 1850 ~ 1915 MHz (TX), 734 ~ 746 MHz (RX) LTE Band 26(814 ~ 824 MHz): 814 ~ 824 MHz (TX), 859 ~ 869 MHz (RX) LTE Band 26(824 ~ 849 MHz): 824 ~ 849 MHz (TX), 869 ~ 894 MHz (RX) LTE Band 30: 2305 ~ 2315 MHz (TX), 2350 ~ 2360 MHz (RX) LTE Band 38: 2570 ~ 2620 MHz (TX), 2570 ~ 2620 MHz (RX) LTE Band 41: 2496 ~ 2690 MHz (TX), 2496 ~ 2690 MHz (RX) LTE Band 42: 3450 ~ 3500 MHz (TX), 3450 ~ 3500 MHz (RX) LTE Band 43: 3700 ~ 3800 MHz (TX), 3700 ~ 3800 MHz (RX) LTE Band 48: 3550 ~ 3700 MHz (TX), 3550 ~ 3700 MHz (RX) LTE Band 66: 1710 ~ 1780 MHz (TX), 2110 ~ 2180 MHz (RX) LTE Band 71: 663 ~ 698 MHz (TX), 617 ~ 652 MHz (RX)

Frequency Range for NR Bands in FR1:	n2: 1850 ~ 1910 MHz (TX), 1930 ~ 1990 MHz (RX) n5: 824 ~ 849 MHz (TX), 869 ~ 894 MHz (RX) n7: 2500 ~ 2570 MHz (TX), 2620 ~ 2690 MHz (RX) n12: 699 ~ 716 MHz (TX), 729 ~ 746 MHz (RX) n13: 777 ~ 787 MHz (TX), 746 ~ 756 MHz (RX) n14: 788 ~ 798 MHz (TX), 758 ~ 768 MHz (RX) n25: 1850 ~ 1915 MHz (TX), 1930 ~ 1995 MHz (RX) n26(814 ~ 824 MHz): 814 ~ 824 MHz (TX), 859 ~ 869 MHz (RX) n26(824 ~ 849 MHz): 824 ~ 849 MHz (TX), 869 ~ 894 MHz (RX) n30: 2305 ~ 2315 MHz (TX), 2350 ~ 2360 MHz (RX) n38: 2570 ~ 2620 MHz (TX), 2570 ~ 2620 MHz (RX) n41: 2496 ~ 2690 MHz (TX), 2496 ~ 2690 MHz (RX) n48: 3550 ~ 3700 MHz (TX), 3550 ~ 3700 MHz (RX) n66: 1710 ~ 1780 MHz (TX), 2110 ~ 2180 MHz (RX) n70: 1695 ~ 1710 MHz (TX), 1995 ~ 2020 MHz (RX) n71: 663 ~ 698 MHz (TX), 617 ~ 652 MHz (RX) n77: 3450 ~ 3550 MHz (TX), 3450 ~ 3550 MHz (RX) n77: 3700 ~ 3980 MHz (TX), 3700 ~ 3980 MHz (RX) n78: 3450 ~ 3550 MHz (TX), 3450 ~ 3550 MHz (RX) n78: 3700 ~ 3980 MHz (TX), 3700 ~ 3980 MHz (RX)
Channel Spacing	BT: 1MHz BLE: 2MHz 2.4G-WiFi: 802.11b/g/n-HT20: 5MHz 5G-WiFi: 20MHz, 40MHz, 80MHz 6G-WiFi: 20MHz, 40MHz, 80MHz 3G WCDMA: 5MHz 4G LTE: 1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz 5G NR: 5MHz, 10MHz, 15MHz, 20MHz, 25MHz, 30MHz, 40MHz, 50MHz, 60MHz, 80MHz, 90MHz, 100MHz
Type of modulation	Bluetooth BR/EDR (1Mbps): GFSK Bluetooth BR/EDR (2Mbps): $\pi/4$ -DQPSK Bluetooth BR/EDR (3Mbps): 8-DPSK BLE: GFSK 802.11b: DSSS 802.11g/n/ac: OFDM 802.11a/be/ax: OFDMA 3G WCDMA: QPSK 4G LTE: QPSK, 16QAM, 64QAM, 256QAM 5G NR: DFT-S-OFDM $\pi/2$ BPSK, DFT-S-OFDM QPSK, DFT-S-OFDM 16QAM, DFT-S-OFDM 64QAM, DFT-S-OFDM 256QAM, CP-OFDM QPSK, CP-OFDM 16QAM, CP-OFDM 64QAM, CP-OFDM 256QAM

Antenna Type:	External antenna
Antenna Gain:	YOSRQ0MA0AA: Wi-Fi 1: 2400~2500 MHz 3.6dBi, 5150~5850 MHz 3.5dBi, 5925~7125 MHz 3.6dBi Wi-Fi 2: 2400~2500 MHz 2.7dBi, 5150~5850 MHz 4.4dBi, 5925~7125 MHz 4.0dBi YOSRQ0MA0BA: ANT 0: 600~960 MHz -0.1dBi, 1420~2690 MHz 2.5dBi, 3300~5000 MHz 0.7dBi ANT 1: 1176~2690 MHz 3.3dBi, 3300~5925 MHz 3.4dBi ANT 2: 1710~2690 MHz 5.0dBi, 3300~5000 MHz 3.2dBi

Disclaimer statement:

1. Antenna gain information provided by the customer, and the laboratory is not responsible for its authenticity.
2. The information in this section is provided by the applicant or manufacturer, GTS is not liable to the accuracy, suitability, reliability or/and integrity of the information.

5.2 Test mode

Transmitting mode	Keep the EUT in continuously transmitting mode.
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5.3 Description of Support Units

Manufacturer	Description	Model	Serial Number
Lenovo	PC Host	M6900	EA05257893

5.4 Deviation from Standards

None.

5.5 Abnormalities from Standard Conditions

None.

5.6 Test Facility

The test facility is recognized, certified, or accredited by the following organizations: • FCC—Registration No.: 381383 Designation Number: CN5029 Global United Technology Services Co., Ltd., Shenzhen EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in files. • ISED—Registration No.: 9079A CAB identifier: CN0091 The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. has been registered by Certification and Engineering Bureau of ISED for radio equipment testing • NVLAP (LAB CODE:600179-0) Global United Technology Services Co., Ltd., is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP).
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5.7 Test Location

All tests were performed at:
Global United Technology Services Co., Ltd. Address: No. 123-128, Tower A, Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102 Tel: 0755-27798480 Fax: 0755-27798960

5.8 Additional Instructions

Test Software	Special test software provided by manufacturer
Power level setup	Default

6 Test Instruments list

Radiated Emission:						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	3m Semi- Anechoic Chamber	ZhongYu Electron	9.2(L)*6.2(W)* 6.4(H)	GTS250	Apr. 10, 2026	Apr. 09, 2027
2	Control Room	ZhongYu Electron	6.2(L)*2.5(W)* 2.4(H)	GTS251	N/A	N/A
3	EMI Test Receiver	Rohde & Schwarz	ESU26	GTS203	Apr. 10, 2026	Apr. 09, 2027
4	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9168	GTS640	Apr. 11, 2026	Apr. 10, 2027
5	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9120 D	GTS208	Apr. 11, 2026	Apr. 10, 2027
6	Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	GTS575	Jul. 11, 2025	Jul 10, 2026
7	Loop Antenna	ZHINAN	ZN30900A	GTS534	Nov.22, 2025	Nov.21, 2026
8	Broadband Preamplifier	SCHWARZBECK	BBV9718	GTS535	Apr. 10, 2026	Apr. 09, 2027
9	Amplifier(1GHz-26.5GHz)	HP	8449B	GTS601	Apr. 10, 2026	Apr. 09, 2027
10	Horn Antenna (18GH-40GHz)	Schwarzbeck	BBHA 9170	GTS691	Apr. 11, 2026	Apr. 10, 2027
11	FSV·Signal Analyzer (10Hz-40GHz)	Keysight	FSV-40-N	GTS666	Mar. 10, 2026	Mar. 09, 2027
12	Amplifier	/	LNA-1000-30S	GTS650	Apr. 10, 2026	Apr. 09, 2027
13	CDNE M2+M3-16A	HCT	30MHz-300MHz	GTS692	Nov. 24, 2025	Nov. 23, 2026
14	Wideband Amplifier	/	WDA-01004000-15P35	GTS602	Apr. 10, 2026	Apr. 09, 2027
15	Thermo meter	JINCHUANG	GSP-8A	GTS643	Apr. 13, 2026	Apr. 12, 2027
16	RE cable 1	GTS	N/A	GTS675	Jul. 11, 2025	Jul. 10, 2026
17	RE cable 2	GTS	N/A	GTS676	Jul. 11, 2025	Jul. 10, 2026
18	RE cable 3	GTS	N/A	GTS677	Jul. 11, 2025	Jul. 10, 2026
19	RE cable 4	GTS	N/A	GTS678	Jul. 11, 2025	Jul. 10, 2026
20	RE cable 5	GTS	N/A	GTS679	Jul. 11, 2025	Jul. 10, 2026
21	RE cable 6	GTS	N/A	GTS680	Jul. 11, 2025	Jul. 10, 2026
22	RE cable 7	GTS	N/A	GTS681	Jul. 11, 2025	Jul. 10, 2026
23	RE cable 8	GTS	N/A	GTS682	Jul. 11, 2025	Jul. 10, 2026
24	EMI Test Software	AUDIX	E3-6.100614a	GTS725	N/A	N/A

Conducted Emission						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	Shielding Room	ZhongYu Electron	7.3(L)x3.1(W)x2.9(H)	GTS252	Jul. 12, 2022	Jul. 11, 2027
2	EMI Test Receiver	R&S	ESCI 7	GTS552	Apr. 11, 2026	Apr. 10, 2027
3	LISN	ROHDE & SCHWARZ	ENV216	GTS226	Apr. 10, 2026	Apr. 09, 2027
4	Coaxial Cable	GTS	N/A	GTS227	N/A	N/A
5	Thermo meter	JINCHUANG	GSP-8A	GTS642	Apr. 14, 2026	Apr. 13, 2027
6	Absorbing clamp	Elektronik-Feinmechanik	MDS21	GTS229	Apr. 11, 2026	Apr. 10, 2027
7	ISN	SCHWARZBECK	NTFM 8158	GTS565	Apr. 10, 2026	Apr. 09, 2027
8	High voltage probe	SCHWARZBECK	TK9420	GTS537	Apr. 10, 2026	Apr. 09, 2027
9	Antenna end assembly	Weinschel	1870A	GTS560	Apr. 10, 2026	Apr. 09, 2027
10	EMI Test Software	AUDIX	E3-6.100622	GTS726	N/A	N/A
11	Current probe	CYBERTEK	EM5011	GTS698	Jan. 27, 2026	Jan. 26, 2027

RF Conducted Test:						
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	MXA Signal Analyzer	Agilent	N9020A	GTS566	Apr. 10, 2026	Apr. 09, 2027
2	EMI Test Receiver	R&S	ESCI 7	GTS552	Apr. 11, 2026	Apr. 10, 2027
3	PSA Series Spectrum Analyzer	Agilent	E4440A	GTS536	Apr. 10, 2026	Apr. 09, 2027
4	MXG vector Signal Generator	Agilent	N5182A	GTS567	Apr. 10, 2026	Apr. 09, 2027
5	ESG Analog Signal Generator	Agilent	E4428C	GTS568	Apr. 10, 2026	Apr. 09, 2027
6	Wideband Power Meter	Keysight	N1924A	GTS673	Apr. 11, 2026	Apr. 10, 2027
7	USB RF Power Sensor	DARE	RPR3006W	GTS569	Apr. 10, 2026	Apr. 09, 2027
8	RF Switch Box	Shongyi	RFSW3003328	GTS571	Apr. 10, 2026	Apr. 09, 2027
9	Programmable Constant Temp & Humi Test Chamber	WEWON	WHTH-150L-40-880	GTS572	Apr. 10, 2026	Apr. 09, 2027
10	Thermo meter	JINCHUANG	GSP-8A	GTS641	Apr. 14, 2026	Apr. 13, 2027
11	EXA Signal Analyzer	Keysight	N9010B	MY60241168	Nov. 01, 2025	Oct. 31, 2026

General used equipment:						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	Barometer	KUMAO	SF132	GTS647	Jul. 16, 2025	Jul. 15, 2026

7 Test results and Measurement Data

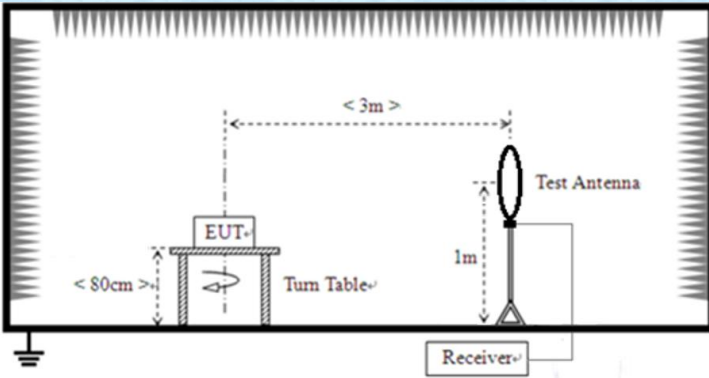
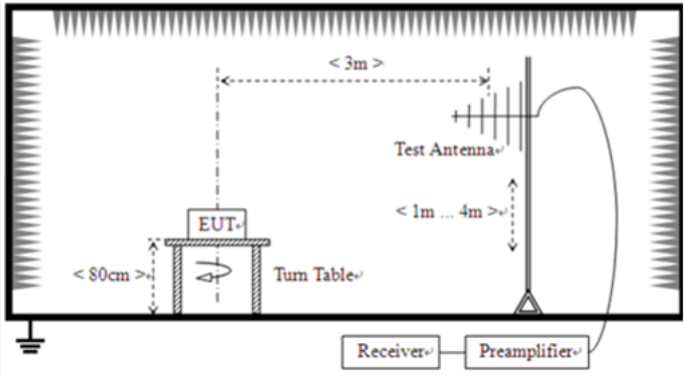
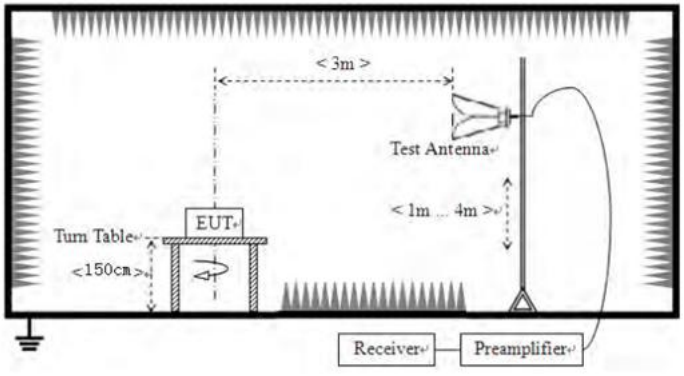
7.1 Antenna requirement

Standard requirement:	FCC Part15 C Section 15.203 /247(c)
15.203 requirement: 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, 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.	
15.247(c) (1)(i) requirement: (i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.	
E.U.T Antenna:	
External antennas with MINI-FAKRA connector.	

7.2 Spurious Emission in Non-restricted & restricted Bands

7.2.1 Radiated Emission Method

Test Requirement:	FCC Part15 C Section 15.209				
Test Method:	ANSI C63.10:2020				
Test Frequency Range:	9kHz to 25GHz				
Test site:	Measurement Distance: 3m				
Receiver setup:	Frequency	Detector	RBW	VBW	Value
	9kHz-150kHz	Quasi-peak	200Hz	600Hz	Quasi-peak
	150kHz-30MHz	Quasi-peak	9kHz	30kHz	Quasi-peak
	30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak
	Above 1GHz	Peak	1MHz	3MHz	Peak
		Peak	1MHz	10Hz	Average
	Note: For Duty cycle $\geq 98\%$, average detector set as above For Duty cycle $< 98\%$, average detector set as below: $VBW \geq 1 / T$				
Limit:	Frequency	Limit (uV/m)	Value	Measurement Distance	
	0.009MHz-0.490MHz	2400/F(kHz)	PK/QP/AV	300m	
	0.490MHz-1.705MHz	24000/F(kHz)	QP	30m	
	1.705MHz-30MHz	30	QP	30m	
	30MHz-88MHz	100	QP	3m	
	88MHz-216MHz	150	QP		
	216MHz-960MHz	200	QP		
	960MHz-1GHz	500	QP		
	Above 1GHz	500	Average		

		5000	Peak	
Test setup:	For radiated emissions from 9kHz to 30MHz  For radiated emissions from 30MHz to 1GHz  For radiated emissions above 1GHz 			
Test Procedure:	1. The EUT was placed on the top of a rotating table (0.8m for below 1G and 1.5m for above 1G) above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation. 2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. 3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the			

	measurement. 4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading. 5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.					
Test Instruments:	Refer to section 6.0 for details					
Test mode:	Refer to section 5.2 for details					
Test environment:	Temp.:	25 °C	Humid.:	52%	Press.:	1012mbar
Test voltage:	AC 120V, 60Hz					
Test results:	Pass					

Measurement data:

Remarks:

1. Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis which it is worse case.

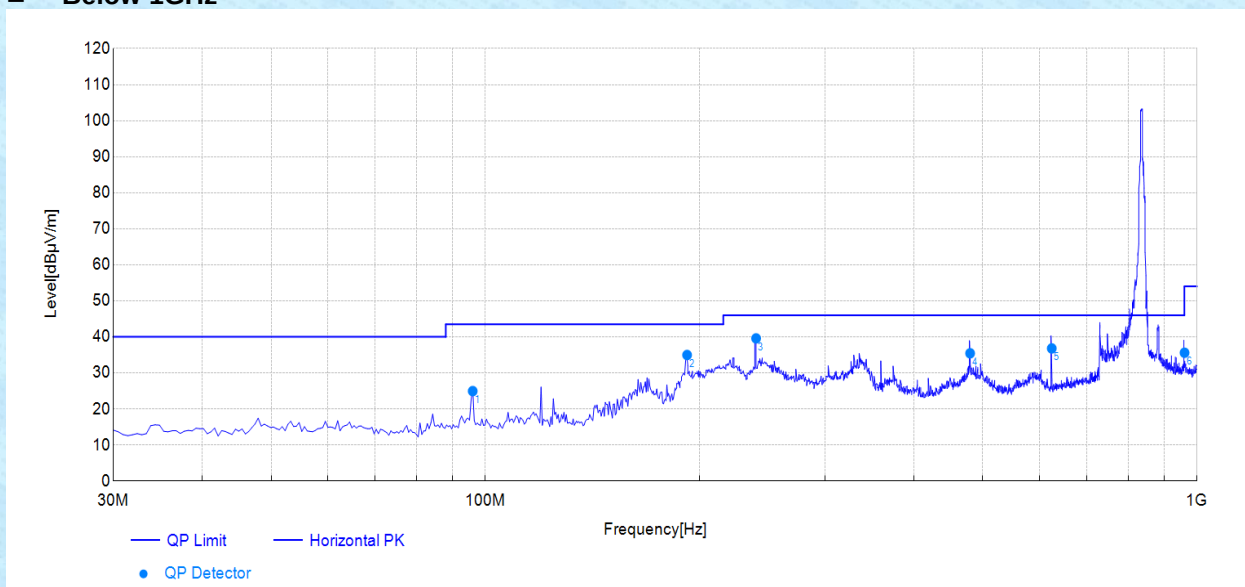
■ 9kHz~30MHz, 18GHz ~ 40GHz

The low frequency, which started from 9 kHz to 30 MHz, 18GHz ~ 40GHz was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Co-location test results:

According to MPE report, 2.4G-WiFi and LTE Band5 transmit simultaneously mode.

■ Below 1GHz



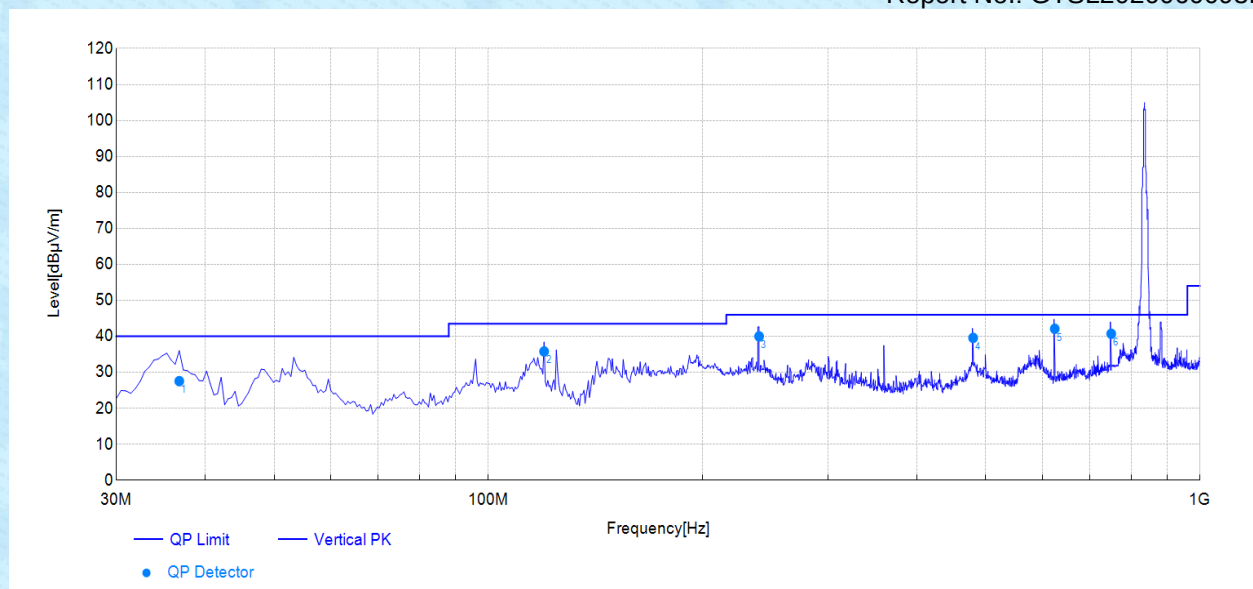
Final Data List										
NO.	Frequency [MHz]	Factor [dB/m]	QP Reading [dBμV]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Pol	Verdict
1	95.99	11.95	13.02	24.97	43.50	18.53	100	151	Horizontal	PASS
2	192.07	14.75	20.23	34.98	43.50	8.52	100	151	Horizontal	PASS
3	240.11	15.43	24.16	39.59	46.00	6.41	100	199	Horizontal	PASS
4	479.82	20.68	14.78	35.46	46.00	10.54	100	337	Horizontal	PASS
5	624.91	23.88	12.93	36.81	46.00	9.19	100	66	Horizontal	PASS
6	960.21	28.00	7.61	35.61	54.00	18.39	100	0	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

(3) The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.



Final Data List										
NO.	Frequency [MHz]	Factor [dB/m]	QP Reading [dBμV]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Pol	Verdict
1	36.79	13.11	14.45	27.56	40.00	12.44	100	294	Vertical	PASS
2	119.77	14.38	21.42	35.80	43.50	7.70	100	122	Vertical	PASS
3	240.11	15.83	24.17	40.00	46.00	6.00	100	34	Vertical	PASS
4	479.82	21.58	17.99	39.57	46.00	6.43	100	358	Vertical	PASS
5	624.91	23.86	18.24	42.10	46.00	3.90	100	148	Vertical	PASS
6	750.10	25.87	14.85	40.72	46.00	5.28	100	166	Vertical	PASS

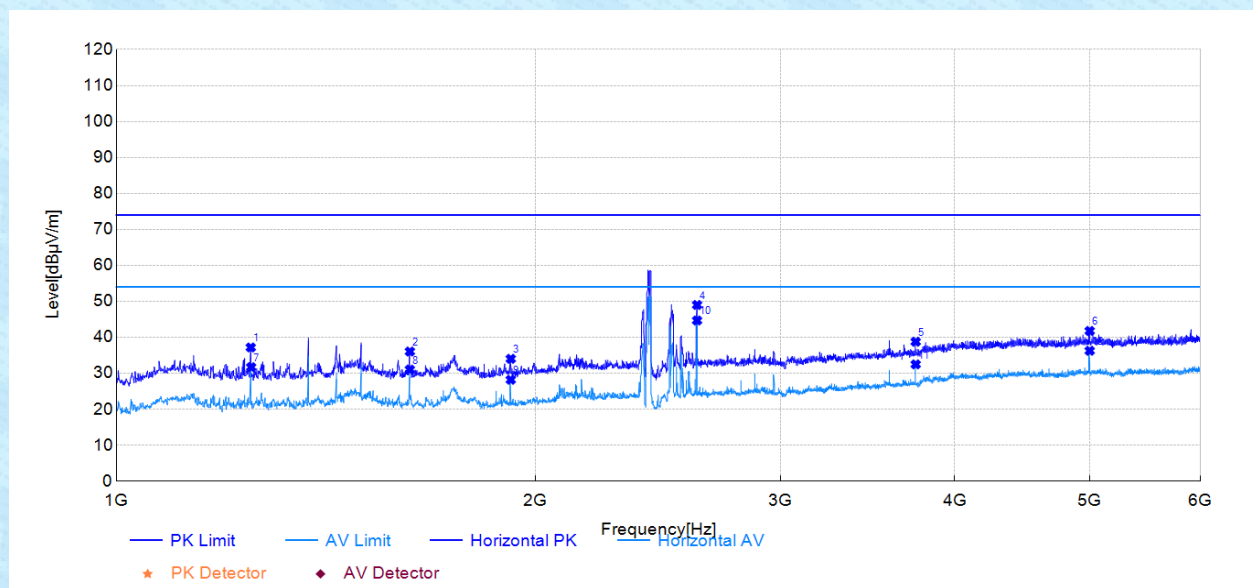
Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

(3) The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.

■ Above 1GHz
1GHz – 6GHz Test Data
Horizontal:

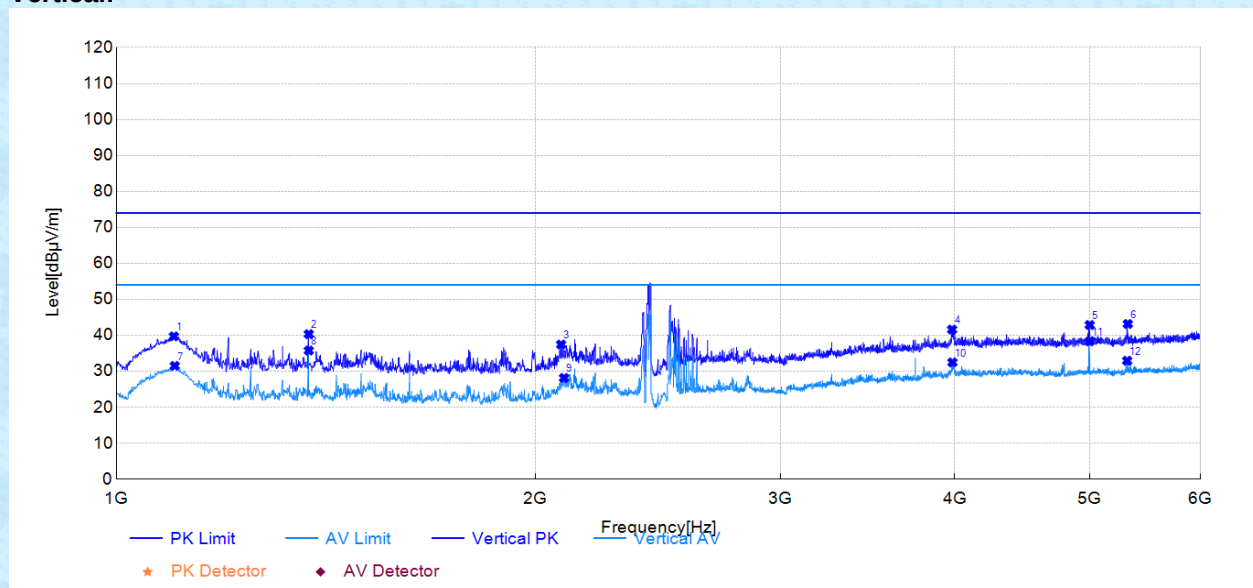


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1249.17	60.36	37.19	-23.17	74.00	36.81	150	121	PK	Horizontal	PASS
2	1625.00	56.84	36.06	-20.78	74.00	37.94	150	98	PK	Horizontal	PASS
3	1920.00	52.71	34.03	-18.68	74.00	39.97	150	147	PK	Horizontal	PASS
4	2612.50	64.69	49.00	-15.69	74.00	25.00	150	98	PK	Horizontal	PASS
5	3750.00	49.44	38.78	-10.66	74.00	35.22	150	90	PK	Horizontal	PASS
6	5000.00	47.90	41.78	-6.12	74.00	32.22	150	40	PK	Horizontal	PASS
7	1250.00	54.87	31.70	-23.17	54.00	22.30	150	111	AV	Horizontal	PASS
8	1625.00	51.81	31.03	-20.78	54.00	22.97	150	124	AV	Horizontal	PASS
9	1920.00	46.89	28.21	-18.68	54.00	25.79	150	98	AV	Horizontal	PASS
10	2612.50	60.37	44.68	-15.69	54.00	9.32	150	93	AV	Horizontal	PASS
11	3750.00	43.14	32.48	-10.66	54.00	21.52	150	90	AV	Horizontal	PASS
12	5000.00	42.39	36.27	-6.12	54.00	17.73	150	253	AV	Horizontal	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level

Vertical:

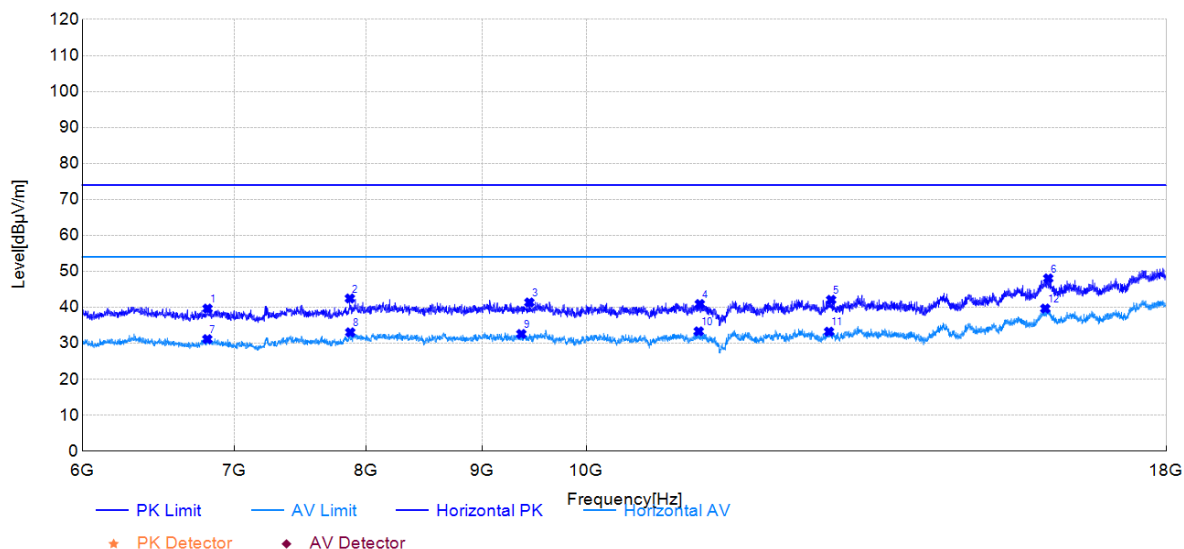


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1100.00	62.73	39.71	-23.02	74.00	34.29	150	346	PK	Vertical	PASS
2	1375.00	61.83	40.34	-21.49	74.00	33.66	150	172	PK	Vertical	PASS
3	2086.67	55.12	37.45	-17.67	74.00	36.55	150	120	PK	Vertical	PASS
4	3982.50	50.08	41.61	-8.47	74.00	32.39	150	50	PK	Vertical	PASS
5	5000.00	49.60	42.88	-6.72	74.00	31.12	150	211	PK	Vertical	PASS
6	5325.00	49.49	43.16	-6.33	74.00	30.84	150	346	PK	Vertical	PASS
7	1101.67	54.52	31.51	-23.01	54.00	22.49	150	0	AV	Vertical	PASS
8	1375.00	57.26	35.77	-21.49	54.00	18.23	150	177	AV	Vertical	PASS
9	2096.67	45.80	28.17	-17.63	54.00	25.83	150	120	AV	Vertical	PASS
10	3985.00	40.94	32.48	-8.46	54.00	21.52	150	50	AV	Vertical	PASS
11	5000.00	45.06	38.34	-6.72	54.00	15.66	150	203	AV	Vertical	PASS
12	5319.17	39.31	32.95	-6.36	54.00	21.05	150	41	AV	Vertical	PASS

Note:(1) Level=Reading+Factor
(2) Margin=Limit-Level

6GHz – 18GHz Test Data

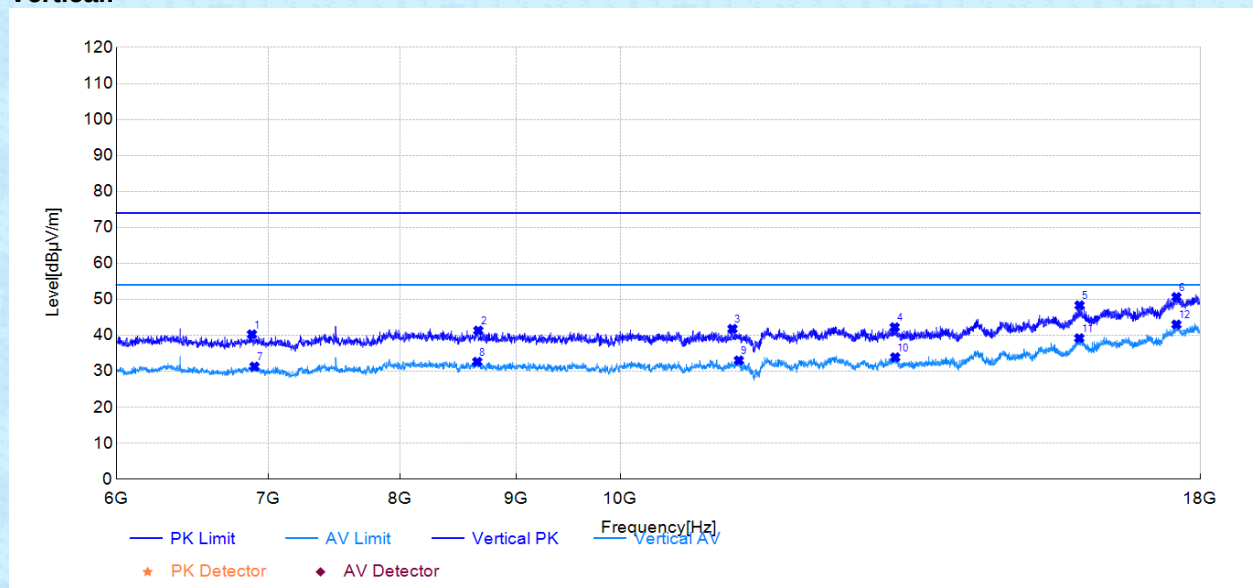
Horizontal:



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	6813.00	44.60	39.65	-4.95	74.00	34.35	150	160	PK	Horizontal	PASS
2	7870.50	44.15	42.47	-1.68	74.00	31.53	150	97	PK	Horizontal	PASS
3	9441.00	41.47	41.35	-0.12	74.00	32.65	150	28	PK	Horizontal	PASS
4	11221.50	39.87	40.91	1.04	74.00	33.09	150	82	PK	Horizontal	PASS
5	12819.00	39.98	42.08	2.10	74.00	31.92	150	18	PK	Horizontal	PASS
6	15975.00	38.46	48.05	9.59	74.00	25.95	150	326	PK	Horizontal	PASS
7	6811.50	36.12	31.15	-4.97	54.00	22.85	150	359	AV	Horizontal	PASS
8	7873.50	34.66	33.04	-1.62	54.00	20.96	150	180	AV	Horizontal	PASS
9	9364.50	33.16	32.59	-0.57	54.00	21.41	150	39	AV	Horizontal	PASS
10	11209.50	32.29	33.32	1.03	54.00	20.68	150	77	AV	Horizontal	PASS
11	12792.00	31.11	33.23	2.12	54.00	20.77	150	326	AV	Horizontal	PASS
12	15927.00	30.04	39.66	9.62	54.00	14.34	150	58	AV	Horizontal	PASS

Note:(1) Level=Reading+Factor
(2) Margin=Limit-Level

Vertical:



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	6885.00	44.66	40.27	-4.39	74.00	33.73	150	98	PK	Vertical	PASS
2	8661.00	42.60	41.32	-1.28	74.00	32.68	150	244	PK	Vertical	PASS
3	11206.50	40.79	41.80	1.01	74.00	32.20	150	200	PK	Vertical	PASS
4	13209.00	39.38	42.25	2.87	74.00	31.75	150	10	PK	Vertical	PASS
5	15931.50	39.26	48.34	9.08	74.00	25.66	150	0	PK	Vertical	PASS
6	17575.50	36.19	50.64	14.45	74.00	23.36	150	225	PK	Vertical	PASS
7	6903.00	35.65	31.32	-4.33	54.00	22.68	150	59	AV	Vertical	PASS
8	8652.00	33.93	32.64	-1.29	54.00	21.36	150	268	AV	Vertical	PASS
9	11278.50	31.85	33.03	1.18	54.00	20.97	150	10	AV	Vertical	PASS
10	13216.50	31.10	33.90	2.80	54.00	20.10	150	337	AV	Vertical	PASS
11	15927.00	30.13	39.21	9.08	54.00	14.79	150	200	AV	Vertical	PASS
12	17575.50	28.55	43.00	14.45	54.00	11.00	150	230	AV	Vertical	PASS

Note:(1) Level=Reading+Factor
(2) Margin=Limit-Level

8 Test Setup Photo

Reference to the **appendix I** for details.

9 EUT Constructional Details

Reference to the **appendix II and appendix III** for details.

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