



Test Report

FCC ID	:	2A24I-V0CG06J17
EUT	:	Smart Sense Tag
MODEL	:	ST300
BRAND NAME	:	Tag-N-Trac
APPLICANT	:	Tag-N-Trac Inc.
CLASSIFICATION OF TEST	:	N/A

CVC Testing Technology (Shenzhen) Co., Ltd.

Applicant		Name: Tag-N-Trac Inc. Address: 4250 Executive Sq, #675, La Jolla, CA 92037, US					
Manufacturer	Name: AOVX WIRELESS SOLUTIONS CO., LTD Address: Room 501, BlockA1, ZhongAn Valley, 900 Wangjiang West Road, High-tech Zone, HeFei, China 230088						
		Product N	ame: Sma	rt Sense T	ag		
Equipment Under Test		Model/Type: ST300 Brand Name: Tag-N-Trac Serial NO.: N/A					
Date of Receipt.	Date of Receipt. 2023.11.17 Date			f Testing	ng 2023.11.17~2023.11.30		
-	Test Specificati	on	Test Result				
FCC Part 15, Subpart B, Cl		ass B (sDoC) PASS					
		The e	The equipment under test was found to comply with the				
Evolution of Tee	t Desult	requiremen	its of the st	andards a	applied.		
Evaluation of res	i Result	Seal of CVC					
			Issue Date:2023.12.01				
Tested	by:		Tested by:		Approve	d by:	
Liong Jia	27	ŀ	Tuang Meng		Dong Sanbi		
Liano Jia	itona	ŀ	U U	a	Dong S	anbi	
Name	Signature	<u>.</u> Name	Sia	nature	Name	Signature	
Other Aspects: N	ONE.		3				
Abbreviations:OK, Pass	s= passed F	⁻ ail = failed	N/A= not ap	plicable	EUT= equipment, sample	s(s) under tested	

This test report relates only to the EUT, and shall not be reproduced except in full, without written approval of CVC.



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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FCCSZ2023-0020-E	Original release	2023.12.01

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1. SUMMARY OF TEST RESULTS

EMISSION							
Standard	Test Item	Result	Remarks				
FCC Part 15, Subpart B, Class B (sDoC)	Conducted test	PASS	Minimum passing margin is 12.1dB a 0.593MHz				
	Radiated Test (30MHz~ 1GHz)	PASS	Minimum passing margin is 8.20dB at760.1MHz				
	Radiated Test (Above 1GHz)	PASS	Minimum passing margin is 9.82dB at 4927.9MHz				

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1.1 LIST OF TEST AND MEASUREMENT INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial Number	Cal. interval	Cal. Due
Radiation Spurious					/
EMI Test Receiver	Rohde&Schwarz	ESR 26	101718	1 year	2024.5.25
Loop antenna (8.3k~30MHz)	Rohde&Schwarz	HFH2-Z2E	100951	1 year	2024.5.26
Antenna(30MHz~1000MHz)	SCHWARZBECK	VULB 9168	1132	1 year	2024.2.14
Horn antenna(1GHz-18GHz)	ETS	3117	227634	1 year	2024.3.25
Horn antenna(18GHz-40GHz)	SCHWARZBECK	BBHA 9170	01003	1 year	2024.3.25
3m anechoic chamber	MORI	966	CS0200019	3 year	2026.5.18
Attenuator	/	SJ-5dB	607684	1 year	2024.2.21
#1 control room	MORI	433	CS0300028	3 year	2026.5.16
Temperature and humidity meter	/	C193561473	CS0200071	1 year	2024.5.21
Conducted emission					/
EMI Test Receiver	Rohde&Schwarz	ESR3	102694	1 year	2024.5.25
limiter (10 dB)	Rohde&Schwarz	ESH3-Z2	102824	1 year	2024.5.16
Voltage probe	Rohde&Schwarz	CVP9222C	28	1 year	2024.5.16
Current probe	Rohde&Schwarz	EZ-17	101442	1 year	2024.5.21
ISN network	Rohde&Schwarz	ENV 81	100401	1 year	2024.5.16
ISN network	Rohde&Schwarz	ENV 81 Cat6	101896	1 year	2024.5.16
LISN (single-phase)	Rohde&Schwarz	ENV216	102569	1 year	2024.4.11
#1Shielding room	MORI	854	N/A	3 year	2026.5.16



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1.2 MEASUREMENT UNCERTAINTY

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

No.	Item	Measurement Uncertainty			
1	Conductedemission test	+/-2.70 dB			
2	Radiated emission 30MHz-1GHz	+/-4.6 dB			
3	Radiated emission 1GHz-18GHz	+/-4.4 dB			
Rema	Remark: 95% Confidence Levels, k=2.				

1.3 TEST LOCATION

The tests and measurements refer to this report were performed by EMC testing Lab. of CVC Testing Technology (Shenzhen) Co., Ltd.

Lab Address:No. 1301, Guanguang Road, Xinlan Community, Guanlan Street, Longhua District, Shenzhen City, Guangdong Province 518110 P.R.China Post Code: 518110 Tel: 0755-23763060-8805 Fax: 0755-23763060 E-mail: sz-kf@cvc.org.cn http://www.cvc.org.cn

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2. GENERAL INFORMATION

2.1 GENERAL PRODUCT INFORMATION

PRODUCT	Smart Sense Tag
BRAND	Tag-N-Trac
TEST MODEL	ST300
ADDITIONAL MODEL	N/A
POWER SUPPLY	DC 3.7V from battery or DC 5V from USB host unit
OPERATING FREQUENCY	Above 108MHz
I/O PORTS	refer to the User's Manual
CABLE SUPPLIED	N/A
Remark:	

1. For 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.

3. EUT photo refer to the report (Report NO.: FCCSZ2023-0020-EUT).

2.2 OPERATING FREQUENCY

Mode	Band	TX(MHz)	RX(MHz)
GSM	GSM 850	824 ~ 849	869 ~ 894
	GSM 1900	1850 ~ 1910	1930 ~ 1990
-	LTE B2	1850 ~ 1910	1930 ~ 1990
	LTE B4	1930 ~ 1990	1930 ~ 1990
	LTE B5	1930 ~ 1990	1930 ~ 1990
	LTE B7	2500 ~ 2570	2620 ~ 2690
	LTE B12	699 ~ 716	729 ~ 746
LTE Band	LTE B13	777 ~ 787	746 ~ 756
	LTE B25	1850 ~ 1915	1930 ~ 1995
		814~ 824	859 ~ 869
		824~ 849	869 ~ 894
	LTE B66	1710 ~ 1780	2110 ~ 2180



2.3 INDEPENDENT OPERATION MODES

The EUT were tested under the following modes, the final worst mode was marked in boldface and recorded in this report.

EMISSION Test Modes						
For Co	nducted Emission Tests					
	Test Mode	Test Voltage				
1	Normal Working + GSM/LTE Link	DC 3.7V from battery				
Remark: The above test modes in boldface were the worst cases, only the test data of these modes were reported.						
For Ra	diated Emission Tests					
	Test Mode	Test Voltage				
1	Normal Working + GSM/LTE Link	DC 3.7V from battery				
2 Normal Working + GSM/LTE Link DC 5V from USB host unit						
Remark: The above test modes in boldface were the worst cases, only the test data of these modes were reported.						

2.4 GENERAL DESCRIPTION OF APPLIED STANDARDS

According to the specifications of the manufacturers, the EUT must comply with the requirements of the following standards:

FCC PART 15, SUBPART B, CLASS B (SDOC) ANSI C63.4:2014

All test items have been performed and recorded as per the above standards.

2.5 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

	Support Equipment							
NO	Descriptior	n Bi	and	Model No.	Serial N	umber	Ξ,	Supplied by
N/A	N/A	1	N/A	N/A	N//	4		N/A
			S	upport Cable				
NO	Description	Quantity (Number)	Length (m)	Detachable (Yes/ No)	Shielded (Yes/ No)	Cores (Numb	s er)	Supplied by
N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A

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3. EMISSION

3.1 CONDUCTED EMISSION

3.1.1 Limits of Conducted Emission

TEST	STANDARD:	FCC Part	15. Sub	opart B (Section:	15.107)	
		1001011	,		000000		

Fraguanay (MHz)	Class A	(dBuV)	Class B (dBuV)		
	Quasi-peak	Average	Quasi-peak	Average	
0.15 - 0.5	79	66	66 - 56	56 - 46	
0.50 - 5.0	73	60	56	46	
5.0 - 30.0	73	60	60	50	

NOTE: 1. The lower limit shall apply at the transition frequencies.

NOTE: 2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz. NOTE: 3. All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

3.1.2 Test Procedures

The basic test procedure was in accordance with ANSI C63.4:2014 (section 7).

- a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- c. The test results of conducted emissions at mains ports are recorded of six worst margins for quasi-peak (mandatory) [and average (if necessary)] values against the limits at frequencies of interest unless the margin is 20 dB or greater.

Note: The resolution bandwidth and video bandwidth of test receiver is 9kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15MHz-30MHz.

3.1.3 Test setup



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3.1.4 Test Results

Test	Mode	See see	ction 2.3	n 2.3 Frequency Range 150KHz ~ 30MHz		30MHz		
Test	Voltage	See see	ction 2.3	PHASE		Line (L)		
Envir Cond	ronmental litions	24.6deg	g. C, 46% RH	Tested B	у	Wang Zhin	ning	
	80 70 60 50 50 40 40 20 10 10 150k		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2M 3M Frequency in Hz	4M 5M 6 8 101	ю	30M	
NO.	Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr.	
							(dB)	
1	0.155	45.7		65.8	20.0	L1	(dB) 19.7	
1 2	0.155	45.7	 30.2	65.8 55.8	20.0 25.6	L1 L1	(dB) 19.7 19.7	
1 2 3	0.155 0.155 0.184	45.7 	 30.2 28.6	65.8 55.8 54.3	20.0 25.6 25.7	L1 L1 L1	(dB) 19.7 19.7 19.7	
1 2 3 4	0.155 0.155 0.184 0.186	45.7 43.5	 30.2 28.6 	65.8 55.8 54.3 64.2	20.0 25.6 25.7 20.7	L1 L1 L1 L1	(dB) 19.7 19.7 19.7 19.7	
1 2 3 4 5	0.155 0.155 0.184 0.186 0.530	45.7 43.5 	 30.2 28.6 32.6	65.8 55.8 54.3 64.2 46.0	20.0 25.6 25.7 20.7 13.4	L1 L1 L1 L1 L1	(dB) 19.7 19.7 19.7 19.7 19.7 19.7	
1 2 3 4 5 6	0.155 0.155 0.184 0.186 0.530 0.530	45.7 43.5 41.5	 30.2 28.6 32.6 	65.8 55.8 54.3 64.2 46.0 56.0	20.0 25.6 25.7 20.7 13.4 14.5	L1 L1 L1 L1 L1 L1 L1	(dB) 19.7 19.7 19.7 19.7 19.7 19.7 19.7	
1 2 3 4 5 6 7	0.155 0.155 0.184 0.186 0.530 0.530 0.562	45.7 43.5 41.5 	 30.2 28.6 32.6 33.6	65.8 55.8 54.3 64.2 46.0 56.0 46.0	20.0 25.6 25.7 20.7 13.4 14.5 12.4	L1 L1 L1 L1 L1 L1 L1 L1	(dB) 19.7 19.7 19.7 19.7 19.7 19.7 19.7 19.7	
1 2 3 4 5 6 7 8	0.155 0.155 0.184 0.186 0.530 0.530 0.530 0.562 0.562	45.7 43.5 41.5 42.8	 30.2 28.6 32.6 33.6 	65.8 55.8 54.3 64.2 46.0 56.0 46.0 56.0	20.0 25.6 25.7 20.7 13.4 14.5 12.4 13.2	L1 L1 L1 L1 L1 L1 L1 L1 L1	(dB) 19.7 19.7 19.7 19.7 19.7 19.7 19.7 19.7 19.7	
1 2 3 4 5 6 7 8 9	0.155 0.155 0.184 0.186 0.530 0.530 0.562 0.562 0.591	45.7 43.5 41.5 42.8 43.0	 30.2 28.6 32.6 33.6 	65.8 55.8 54.3 64.2 46.0 56.0 46.0 56.0 56.0	20.0 25.6 25.7 20.7 13.4 14.5 12.4 13.2 13.0	L1 L1 L1 L1 L1 L1 L1 L1 L1 L1	(dB) 19.7 19.7 19.7 19.7 19.7 19.7 19.7 19.7 19.7 19.7 19.7	
1 2 3 4 5 6 7 8 9 9 10	0.155 0.155 0.184 0.186 0.530 0.530 0.562 0.562 0.591 0.593	45.7 43.5 41.5 42.8 43.0 	 30.2 28.6 32.6 33.6 33.9	65.8 55.8 54.3 64.2 46.0 56.0 46.0 56.0 46.0 56.0 46.0	20.0 25.6 25.7 20.7 13.4 14.5 12.4 13.2 13.0 12.1	L1 L1 L1 L1 L1 L1 L1 L1 L1 L1 L1 L1	(dB) 19.7 19.7 19.7 19.7 19.7 19.7 19.7 19.7 19.7 19.7 19.7 19.7 19.7	
1 2 3 4 5 6 7 8 9 9 10 11	0.155 0.155 0.184 0.186 0.530 0.530 0.562 0.562 0.562 0.591 0.593 1.183	45.7 43.5 41.5 42.8 43.0 35.3	 30.2 28.6 32.6 33.6 33.9 	65.8 55.8 54.3 64.2 46.0 56.0 46.0 56.0 56.0 46.0 56.0 46.0 56.0	20.0 25.6 25.7 20.7 13.4 14.5 12.4 13.2 13.0 12.1 20.7	L1 L1 L1 L1 L1 L1 L1 L1 L1 L1 L1 L1 L1	(dB) 19.7 19.7 19.7 19.7 19.7 19.7 19.7 19.7 19.7 19.7 19.7 19.7 19.7 19.7 19.7 19.7	

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Test	Mode	See see	ction 2.3	Frequenc	cy Range	150KHz ~ 30MHz		
Test	Voltage	See sec	ction 2.3	PHASE		Line (N)		
Envi Cond	ronmental ditions	24.6deg	g. C, 46% RH	Tested B	y	Wang Zhin	ning	
	80 70 60 50 50 30 20 10 150k		600 1M	2M 3M Frequency in H2	4M 5M 6 8 1 z	нарана 1 — 1 ом 20	M 30M	
NO.	Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)	
1	0.152		29.8	55.9	26.1	N	19.6	
2	0.152	46.6		65.9	19.3	N	19.6	
3	0.184		27.7	54.3	26.6	N	19.6	
4	0.186	44.2		64.2	20.0	N	19.6	
5	0.500	07.4		50.0	10.0	N		
-	0.533	37.1		50.0	10.9	IN	19.5	
6	0.533	37.1	29.3	46.0	16.7	N	19.5 19.5	
6 7	0.533 0.533 0.562	37.1 38.9	29.3 	46.0 56.0	16.7 17.1	N N N	19.5 19.5 19.5	
6 7 8	0.533 0.533 0.562 0.562	37.1 38.9 	29.3 31.5	46.0 56.0 46.0	16.7 17.1 14.5	N N N	19.5 19.5 19.5 19.5	
6 7 8 9	0.533 0.533 0.562 0.562 0.593	37.1 38.9 37.5	29.3 31.5 	56.0 46.0 56.0 46.0 56.0 56.0	18.9 16.7 17.1 14.5 18.5	N N N N	19.5 19.5 19.5 19.5 19.5	
6 7 8 9 10	0.533 0.533 0.562 0.562 0.593 0.593	37.1 38.9 37.5 	29.3 31.5 31.7	56.0 46.0 56.0 46.0 56.0 46.0 56.0 46.0	18.9 16.7 17.1 14.5 18.5 14.3	N N N N N	19.5 19.5 19.5 19.5 19.5 19.5	
6 7 8 9 10 11	0.533 0.533 0.562 0.562 0.593 0.593 1.595	37.1 38.9 37.5 27.5	29.3 31.5 31.7 	56.0 46.0 56.0 46.0 56.0 46.0 56.0 56.0 56.0	18.9 16.7 17.1 14.5 18.5 14.3 28.5	N N N N N N	19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.7	
6 7 8 9 10 11 11	0.533 0.533 0.562 0.562 0.593 0.593 1.595 1.687	37.1 38.9 37.5 27.5 	 29.3 31.5 31.7 17.8	56.0 46.0 56.0 46.0 56.0 46.0 56.0 46.0 56.0 46.0 56.0	18.9 16.7 17.1 14.5 18.5 14.3 28.5 28.2	N N N N N N N	19.5 19.5 19.5 19.5 19.5 19.5 19.7	

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3.2 RADIATED EMISSION

3.2.1 Limits of Radiated

TEST STANDARD: FCC Part 15, Subpart B (Section: 15.109), For above 1GHz (section 3.2.2 Table 4) FCC Part 15, Subpart B

Frequency (MHz)	Distance (m)	Class A (dBuV)	Class B (dBuV)
30 - 88	3	QP: 49.5	QP: 40
88 - 216	3	QP: 54	QP: 43.5
216 - 960	3	QP: 56.9	QP: 46
960-1000	3	QP: 60	QP: 54
Above 1000	3	Avg: 60 Peak: 80	Avg: 54 Peak: 74

NOTE: 1. The lower limit shall apply at the transition frequencies.

NOTE: 2. Emission level (dBuV/m) = 20 log Emission level (uV/m).

NOTE: 3. All emanation from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

3.2.2 Test Procedures

The basic test procedure was in accordance with ANSI C63.4:2014 (section 12).

1. From 30 MHz to 1GHz test procedure as below:

- 1) The radiated emissions were tested in a semi-anechoic chamber.
- 2) The Product was placed on the non-conductive turntable 0.1 m above the ground at a chamber.
- 3) Set the spectrum analyzer/receiver in Peak detector, Max Hold mode, and 120 kHz RBW. Record the maximum field strength of all the pre-scan process in the full band when the antenna is varied between 1~4 m in both horizontal and vertical, and the turntable is rotated from 0 to 360 degrees.
- 4) For each frequency whose maximum record was higher or close to limit, measure its QP value: vary the antenna's height and rotate the turntable from 0 to 360 degrees to find the height and degree where Product radiated the maximum emission, then set the test frequency analyzer/receiver to QP Detector and specified bandwidth with Maximum Hold Mode, and record the maximum value.

2. Above 1GHz test procedure as below:

- 1) The radiated emissions were tested in a fully Anechoic Chamber.
- Set the spectrum analyzer/receiver in Peak detector, Max Hold mode, and 1MHz RBW. Record the maximum field strength of all the pre-scan process in the full band when the antenna is varied in both horizontal and vertical, and the turntable is rotated from 0 to 360 degrees.
- 3) For each frequency whose maximum record was higher or close to limit, measure its AV value: rotate the turntable from 0 to 360 degrees to find the degree where Product radiated the maximum emission, then set the test frequency analyzer/receiver to AV value and specified bandwidth with Maximum Hold Mode, and record the maximum value.

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3.2.3 Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



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3.2.4 Test Results (Below 1GHz)

Test Mode:	See section 2.3	Frequency Range	30-1000MHz
Test Voltage	See section 2.3	Detector Function	Quasi-Peak(QP)
Environmental Conditions	25deg. C,60% RH	Tested By	Wang Zhiming



QP Detector

Susp	Suspected Data List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	44.64	3.33	18.92	22.25	40.00	17.75	200	120	PK	Horizonta
2	102.7	6.69	15.20	21.89	43.50	21.61	100	215	PK	Horizonta
3	215.7	6.82	15.84	22.66	43.50	20.84	100	87	PK	Horizonta
4	287.5	6.73	18.29	25.02	46.00	20.98	100	62	PK	Horizonta
5	335.6	6.58	20.18	26.76	46.00	19.24	100	244	PK	Horizonta
6	759.7	7.82	29.35	37.17	46.00	8.83	200	116	PK	Horizonta

- 2. Level (dBuV/m) = Reading (dBuV) + Factor (dB/m).
- 3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
- 4. Margin(dB) = Limit[dB μ V/m] Level [dB μ V/m]

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Test Mode:	See section 2.3	Frequency Range	30-1000MHz
Test Voltage	See section 2.3	Detector Function	Quasi-Peak(QP)
Environmental Conditions	25deg. C,60% RH	Tested By	Wang Zhiming



Susp	Suspected Data List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	59.87	7.79	17.73	25.52	40.00	14.48	100	298	PK	Vertical
2	102.3	6.23	15.17	21.40	43.50	22.10	100	217	PK	Vertical
3	167.5	6.82	18.87	25.69	43.50	17.81	100	189	PK	Vertical
4	215.5	8.37	15.84	24.21	43.50	19.29	100	129	PK	Vertical
5	431.1	6.78	23.01	29.79	46.00	16.21	100	41	PK	Vertical
6	760.1	8.43	29.37	37.80	46.00	8.20	100	38	PK	Vertical

- 2. Level (dBuV/m) = Reading (dBuV) + Factor (dB/m).
- 3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
- 4. Margin(dB) = Limit[dB μ V/m] Level [dB μ V/m]

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3.2.5 Test Results (Above 1GHz)

Test Mode:	See section 2.3	Frequency Range	Above 1GHz
Test Voltage	See section 2.3	Detector Function	PK/AV
Environmental Conditions	25deg. C,60% RH	Tested By	Wang Zhiming



PK Detector	 AV Detector

٠

Sus	Suspected Data List									
NO	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	2669.3	51.80	-13.99	37.81	74.00	36.19	100	150	PK	Horizonta
2	4927.9	51.61	-9.81	41.80	74.00	32.20	200	116	PK	Horizonta
3	9622.6	46.93	-2.48	44.45	74.00	29.55	100	343	PK	Horizonta
4	1487.2	42.42	-17.64	24.78	54.00	29.22	200	264	AV	Horizonta
5	3487.8	43.15	-12.83	30.32	54.00	23.68	100	359	AV	Horizonta
6	4927.9	47.94	-9.81	38.13	54.00	15.87	200	116	AV	Horizonta

- 2. Level (dBuV/m) = Reading (dBuV) + Factor (dB/m).
- 3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
- 4. Margin(dB) = Limit[dB μ V/m] Level [dB μ V/m]

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Test Mode:	See section 2.3	Frequency Range	Above 1GHz
Test Voltage	See section 2.3	Detector Function	PK/AV
Environmental Conditions	25deg. C,60% RH	Tested By	Wang Zhiming



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	3167.4	50.80	-13.25	37.55	74.00	36.45	200	172	PK	Vertical
2	4927.9	56.39	-9.81	46.58	74.00	27.42	100	180	PK	Vertical
3	5762.6	51.55	-7.57	43.98	74.00	30.02	100	219	PK	Vertical
4	3192.0	41.11	-13.10	28.01	54.00	25.99	100	98	AV	Vertical
5	4927.9	53.99	-9.81	44.18	54.00	9.82	100	180	AV	Vertical
6	5763.2	44.77	-7.58	37.19	54.00	16.81	100	204	AV	Vertical

- 2. Level (dBuV/m) = Reading (dBuV) + Factor (dB/m).
- 3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
- 4. Margin(dB) = Limit[dB μ V/m] Level [dB μ V/m]



4. PHOTOGRAPHS OF TEST SETUP

Please refer to the attached file (TEST SETUP)



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5. PHOTOGRAPHS OF THE EUT

Please refer to the attached file (External Photos and Internal Photos).

Important

(1) The test report is valid without the official stamp of CVC;

(2) Any part photocopies of the test report are forbidden without the written permission from CVC;

(3) The test report is invalid without the signatures of Approval and Reviewer;

(4) The test report is invalid if altered;

(5) Objections to the test report must be submitted to CVC within 15 days.

(6) Generally, commission test is responsible for the tested samples only.

(7) As for the test result "-" or "N" means "not applicable", "/" means "not test", "P" means "pass" and "F" means "fail"

The test data and test results given in this test report should only be used for purposes of scientific research, teaching and internal quality control when the CMA symbol is not presented.

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