



# FCC PART 15B

## TEST REPORT

For

**Iradio Electronics Co., Ltd.**

No.16 Daxiamei Industrial Area, Nan'an, Quanzhou City, China

**FCC ID: Y23R-5000**

<b>Report Type:</b> Original Report	<b>Product Name:</b> Digital Mobile Radio
<b>Report Number:</b> 2507T07867E-EM-01	
<b>Report Date:</b> 2025-06-06	
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## REPORT REVISION HISTORY

Number of Revisions	Report No.	Version	Issue Date	Description
0	2507T07867E-EM-01	R1V1	2025-06-06	Initial Release

## GENERAL INFORMATION

### Product Description for Equipment under Test (EUT)

Applicant:	Iradio Electronics Co., Ltd.			
Product Name:	Digital Mobile Radio			
Tested Model:	R-5000			
Multiple Model(s):	R-4900, R-4900Pro			
Trade mark:	IRADIO			
Power Supply:	DC 7.4V from battery or DC 5V from adapter or DC 8.4V from charger			
Adapter information:	Model:	GA-0502000V		
	Input:	AC 100-240V, 50-60Hz, 0.6A		
	Output:	DC 5V, 1A		
Charger information:	Model:	R-5000		
	Input:	DC 5V, 1A		
	Output:	DC 8.4V, 0.5A		
★Highest Operating Frequency:	470 MHz			
EUT Receive Status:	Good			
<i>Note:</i>				
1. The highest operating frequency is provided by the applicant.				
2. All the models have the same motherboard, the difference is model name and appearance (screen and keyboard). R-4900 has no screen and keyboard while R-5000 has both. R-4900Pro and R-5000 is different in screen size and keyboard. Please refer to the declaration letter for more details.				
3. All measurement and test data in this report was gathered from production sample serial number: 32V4-1(R-5000), 32V4-5(R-4900), 32V4-9(R-4900Pro) (Assigned by the BACL (Xiamen). The EUT was received on 2025-05-13).				

### Objective

This report is prepared for *Iradio Electronics Co., Ltd.* in accordance with Part 2-Subpart J, and Part 15-Subparts A and B of the Federal Communication Commission's rules.

## Test Facility

The test site used by Bay Area Compliance Laboratories Corp. (Xiamen) to collect test data is located on Unit 102, No. 902 Meifeng South Road, Binhai West Avenue, Science and Technology Innovation Park, Torch High tech Zone XiaMen.

Bay Area Compliance Laboratories Corp. (Xiamen) Lab is accredited to ISO/IEC 17025 by A2LA (Certificate Number: 7134.01) and the lab has been recognized as the FCC accredited lab under the KDB 974614 D01, the FCC Designation No. : CN1384.

## Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the product as specified in CISPR 16-4-2. This uncertainty represents expanded uncertainty expressed at 95% confidence level using a coverage factor of k=2.

$$u_c(y) = \sqrt{\sum_i c_i^2 u^2(x_i)}$$

Item	Frequency Range	$U_{\text{lab}} = 2 u_c(y)$ (Confidence of 95%)
Conducted Emission	150kHz-30MHz	2.45dB
Radiated Emission	30MHz~200MHz	3.47dB
	200MHz~1GHz	4.86dB
	1GHz~6GHz	4.88dB
Unwanted Emissions, conducted		2.92dB
Humidity		5%
Temperature		1°C

## SYSTEM TEST CONFIGURATION

### Test Mode and Voltage

The system was configured for testing in a typical mode (as normally used by a typical user).

<b>Test mode:</b>	Test Mode 1: Charging & Scanning Test Mode 2: Charging & Receiving Test Mode 3: Charging & Scanning Test Mode 4: Charging & Receiving
<b>Test voltage:</b>	Test Mode 1: DC 5V from adapter (AC 120V/60Hz) Test Mode 2: DC 5V from adapter (AC 120V/60Hz) Test Mode 3: DC 8.4V from charger (AC 120V/60Hz) Test Mode 4: DC 8.4V from charger (AC 120V/60Hz)

### Description of Test Configuration

Operation Modes	Operation Frequency Range (MHz)	Test Frequency (MHz)
Scanning	136-174 400-470	136-174 400-470
VHF Receiving	136-174	136.0125, 155, 173.9875
UHF Receiving	400-470	400.0125, 435, 469.9875

### EUT Exercise Software

No exercise software was used to test.

### Special Accessories

No special accessory was used.

### Equipment Modifications

No modification was made to the EUT tested.

### Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
HP	Microwave Analog Signal Generator	N5181A	MY48180319
Unknown	Antenna	Unknown	Unknown

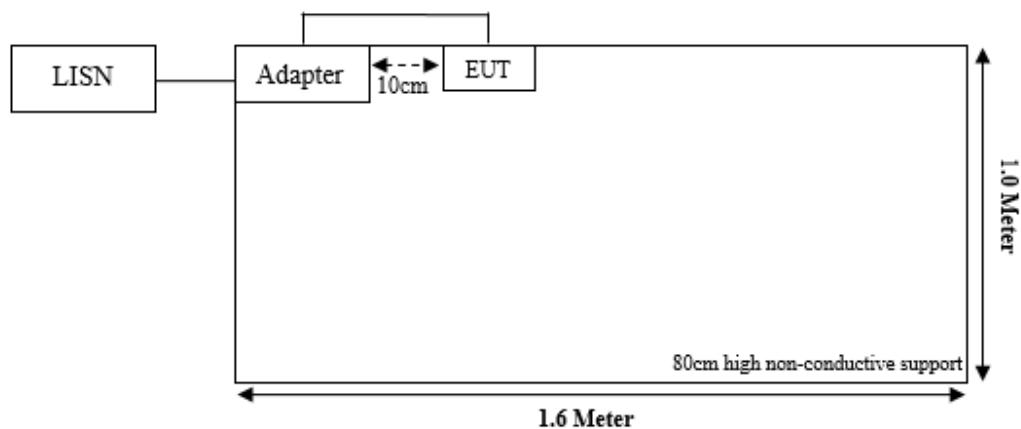
### External I/O Cable

Cable Description	Length (m)	From Port	To Port
Antenna Cable	3.0	N5181A	Antenna
Power Cable	0.8	LISN/AC source	Adapter

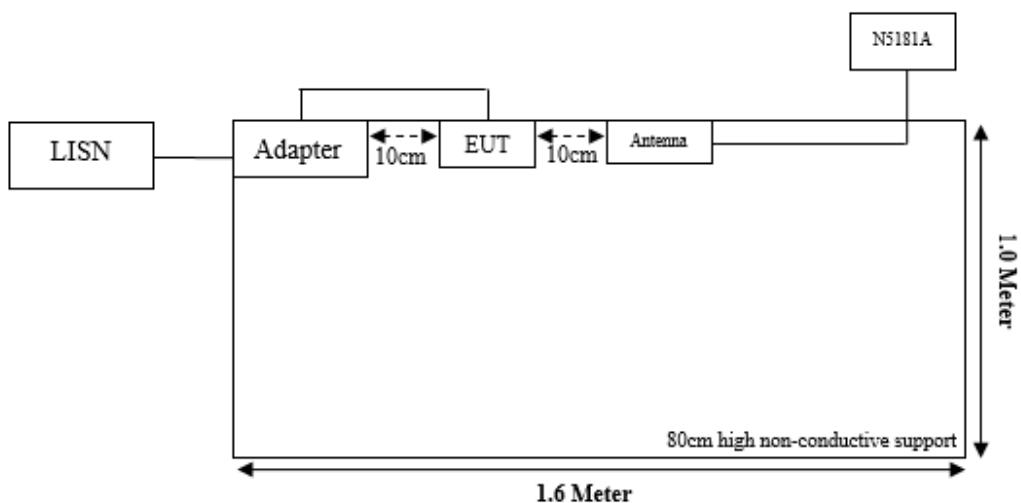
## Block Diagram of Test Setup

Conducted Emission:

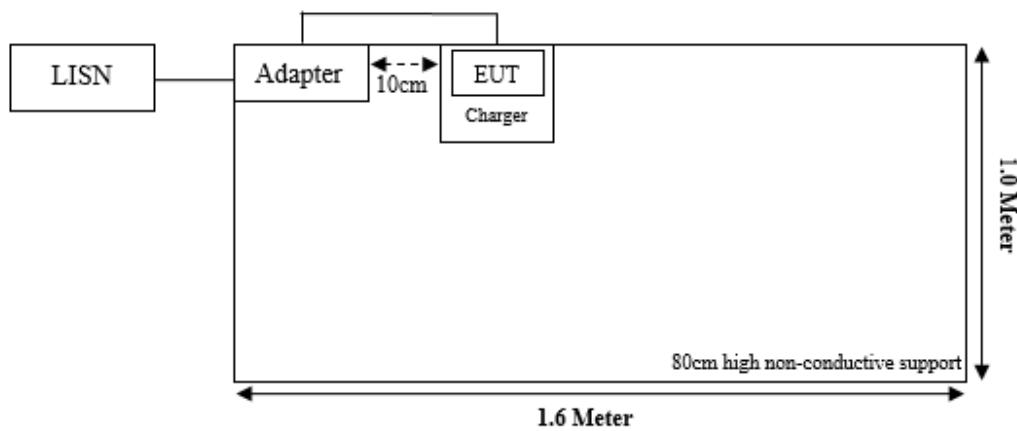
Test Mode 1:



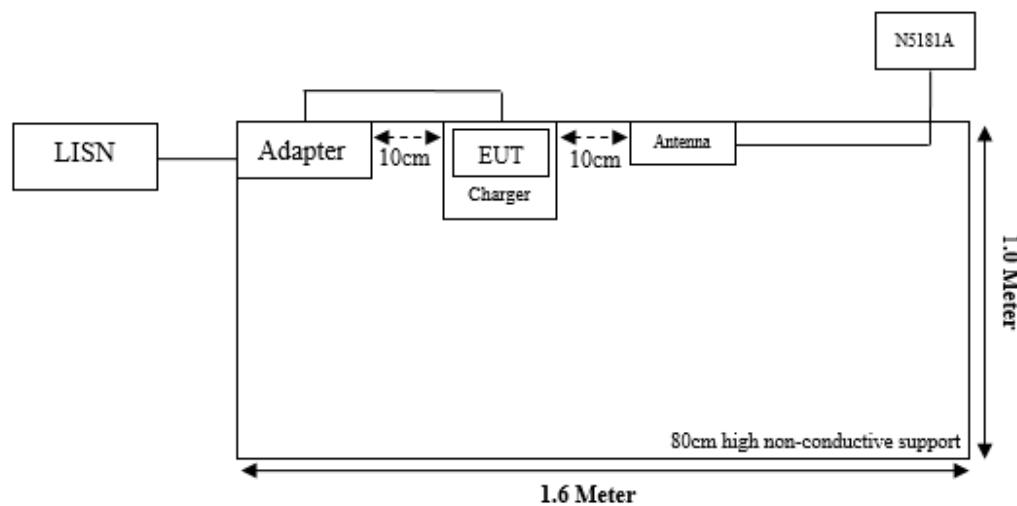
Test Mode 2:



Test Mode 3:

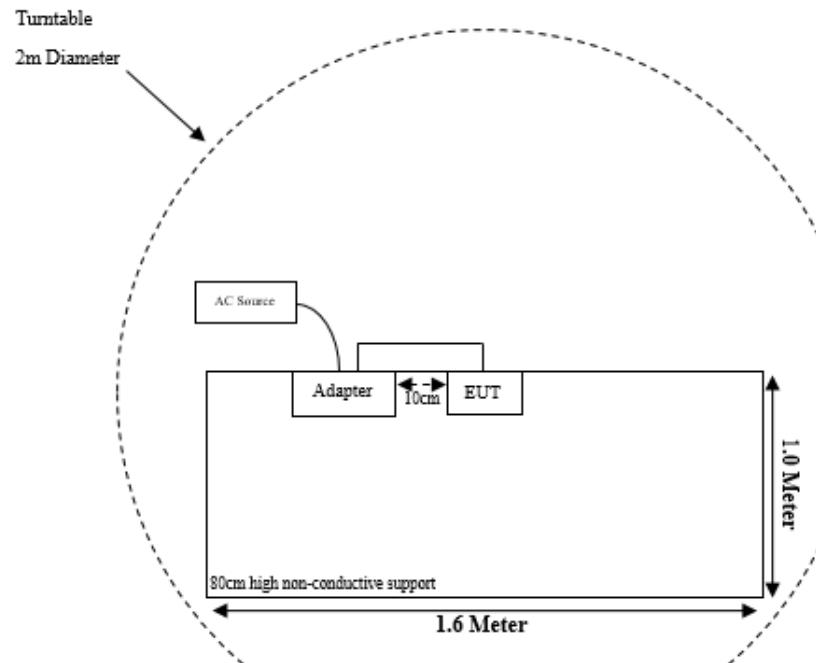


Test Mode 4:

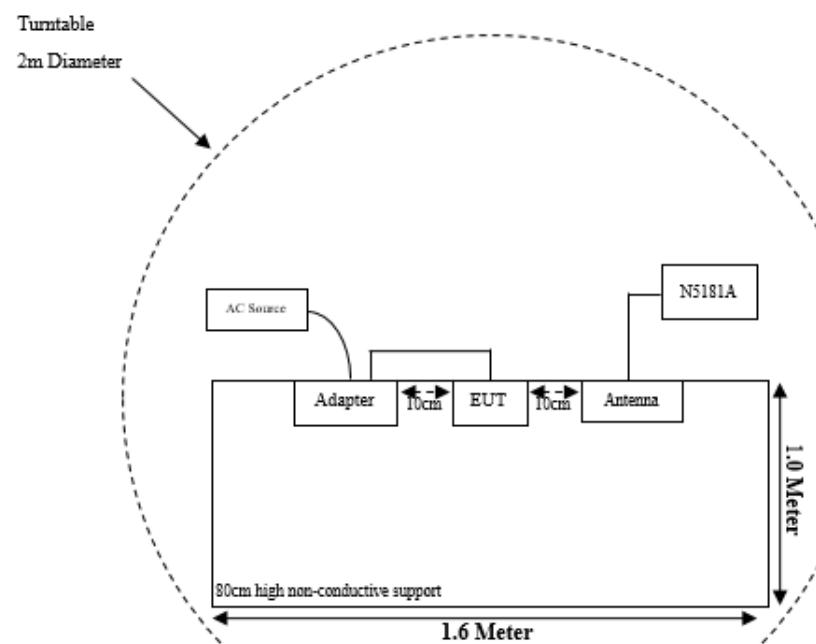


Radiated Emission:

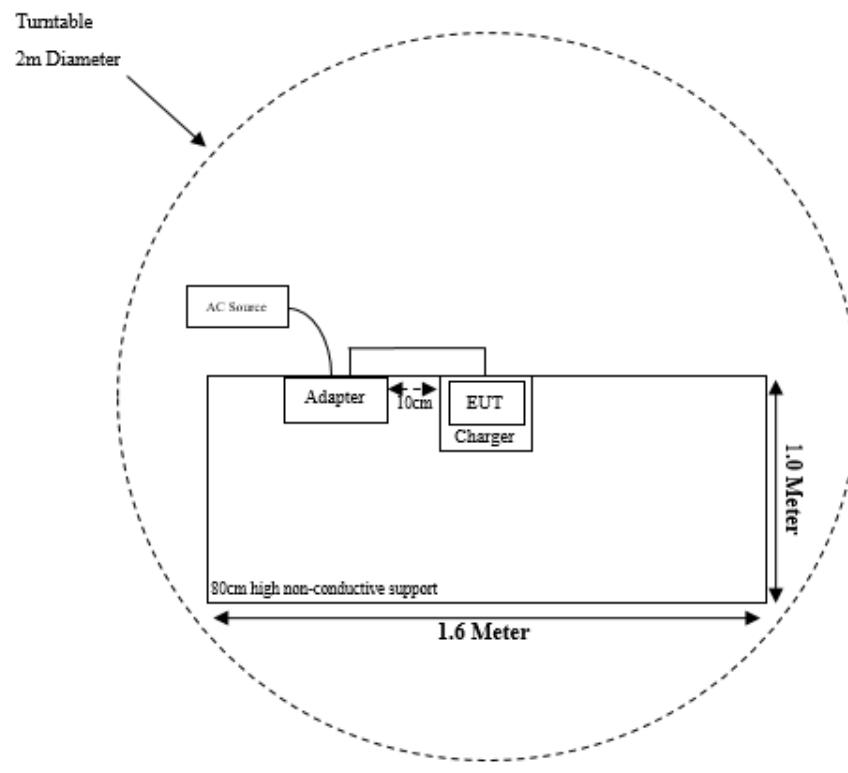
Test Mode 1:



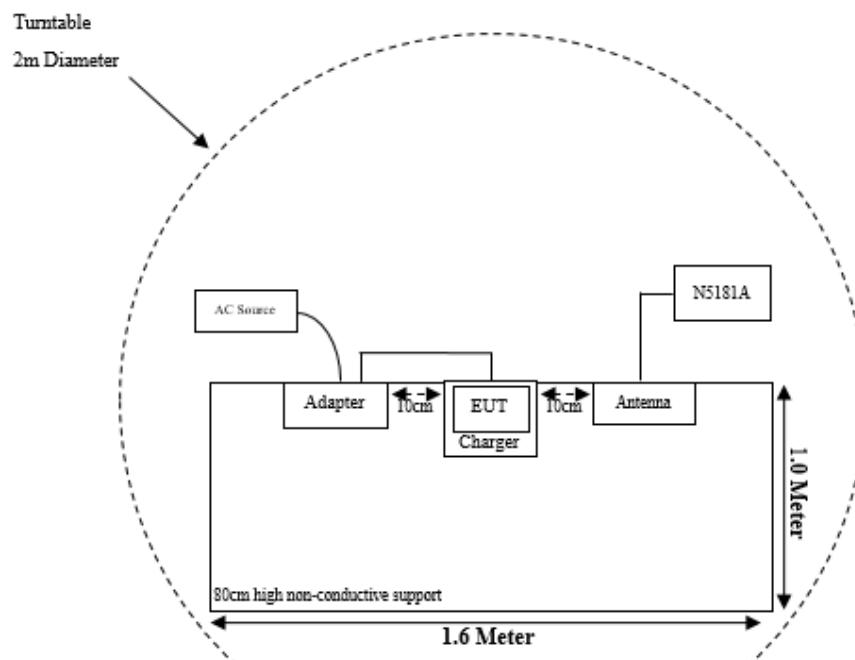
Test Mode 2:



## Test Mode 3:



## Test Mode 4:



**SUMMARY OF TEST RESULTS**

Rule Part	Description of Test	Results
FCC§15.107	Conducted Emission	Compliant
FCC§15.109	Radiated Emission	Compliant
FCC §15.121(b)	Scanning receivers and frequency converters used with scanning receivers	Compliant

## TEST EQUIPMENT LIST

Test Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due Date
<b>Conducted Emission</b>					
EMI Test Receiver	Rohde & Schwarz	ESR	103105	2025/02/20	2026/02/19
LISN	Rohde & Schwarz	ENV216	100129	2025/02/20	2026/02/19
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	0357.8810.54	2025/02/20	2026/02/19
Coaxial Cable	XINHANGWEIBO	XH400T-N-4M	CC001	2025/02/20	2026/02/19
Test Software	Audix	E3	18621a	N/A	N/A
<b>Radiated Emission 30 MHz to 1 GHz</b>					
EMI Test Receiver	Rohde & Schwarz	ESR	103103	2025/02/20	2026/02/19
Antenna	Sunol Sciences	JB6	A122022-5	2023/07/27	2026/07/26
Amplifier	Sonoma	310B	120903	2025/02/20	2026/02/19
Coaxial Cable	XINHANGWEIBO	XH400T-N-4M	CC002	2025/02/20	2026/02/19
Coaxial Cable	XINHANGWEIBO	XH460B-N-2M	CC006	2025/02/20	2026/02/19
Coaxial Cable	XINHANGWEIBO	XH460B-N-12M	CC007	2025/02/20	2026/02/19
Test Software	Audix	E3	18621a	N/A	N/A
<b>Radiated Emission Above 1 GHz</b>					
Spectrum Analyzer	Rohde & Schwarz	FSU	100405	2025/02/20	2026/02/19
Horn Aantenna	EMCO	3115	9002-3355	2024/11/19	2027/11/18
Preamplifier	GLOBAL	1313-A100M18G	4121301	2025/01/16	2026/01/15
Coaxial Cable	XINHANGWEIBO	XH800A-N-6M	CC003	2025/02/20	2026/02/19
Coaxial Cable	XINHANGWEIBO	XH800A-N-1M	CC005	2025/02/20	2026/02/19
Test Software	Audix	E3	18621a	N/A	N/A
<b>Scanning Receiver</b>					
Coaxial Cable	WEIHE	WH316	RFCC002	Each time	Each time
RF Communications test set	HP	8920A	3524A07202	2025/04/13	2026/04/12
Power Splitter	narda	4426LB-2	1661	Each time	Each time
Microwave Analog Signal Generator	Agilent	N5181A	MY48180319	2025/2/20	2026/2/19
Attenuator	Electronic Corporation	30-WA-FFN-30	1172435	2025/2/20	2026/2/19

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

## FCC §15.107 - CONDUCTED EMISSION

### Applicable Standard

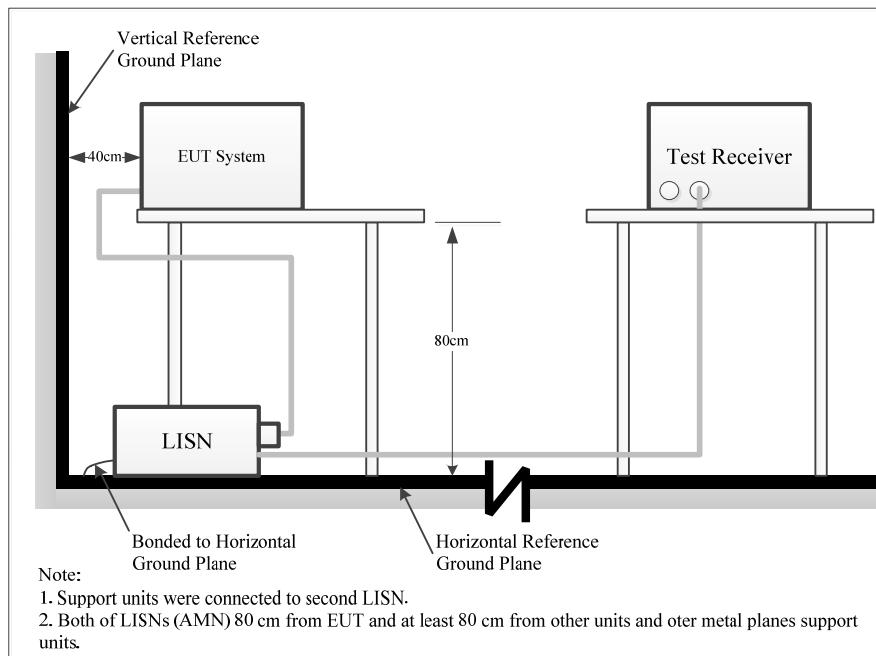
#### FCC §15.107

(a) Except for Class A digital devices, for equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50  $\mu$ H/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the band edges.

Frequency of emission (MHz)	Conducted limit (dB $\mu$ V)	
	Quasi-peak	Average
0.15–0.5	66 to 56*	56 to 46*
0.5–5	56	46
5–30	60	50

\*Decreases with the logarithm of the frequency.

### Test System Setup



The measurement procedure of test setup is according with ANSI C63.4-2014. The related limit was specified in FCC Part 15.107 Class B limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.

## EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	IF B/W
150 kHz – 30 MHz	9 kHz

## Test Procedure

The frequency and amplitude of the six highest ac power-line conducted emissions relative to the limit, measured over all the current-carrying conductors of the EUT power cords, and the operating frequency or frequency to which the EUT is tuned (if appropriate), should be reported, unless such emissions are more than 20 dB below the limit. AC power-line conducted emissions measurements are to be separately carried out only on each of the phase (“hot”) line(s) and (if used) on the neutral line(s), but not on the ground [protective earth] line(s). If less than six emission frequencies are within 20 dB of the limit, then the noise level of the measuring instrument at representative frequencies should be reported. The specific conductor of the power-line cord for each of the reported emissions should be identified. Measure the six highest emissions with respect to the limit on each current-carrying conductor of each power cord associated with the EUT (but not the power cords of associated or peripheral equipment that are part of the test configuration). Then, report the six highest emissions with respect to the limit from among all the measurements identifying the frequency and specific current carrying conductor identified with the emission. The six highest emissions should be reported for each of the current-carrying conductors, or the six highest emissions may be reported over all the current-carrying conductors.

## Result & Margin Calculation

The Result is calculated by adding LISN VDF (Voltage Division Factor), Cable Loss and Transient Limiter Attenuation from the Meter Reading. The basic equation is as follows:

Factor (dB) = LISN VDF (dB) + Cable Loss (dB) + Transient Limiter Attenuation (dB)

Result (dB $\mu$ V) = Reading (dB $\mu$ V) + Factor (dB)

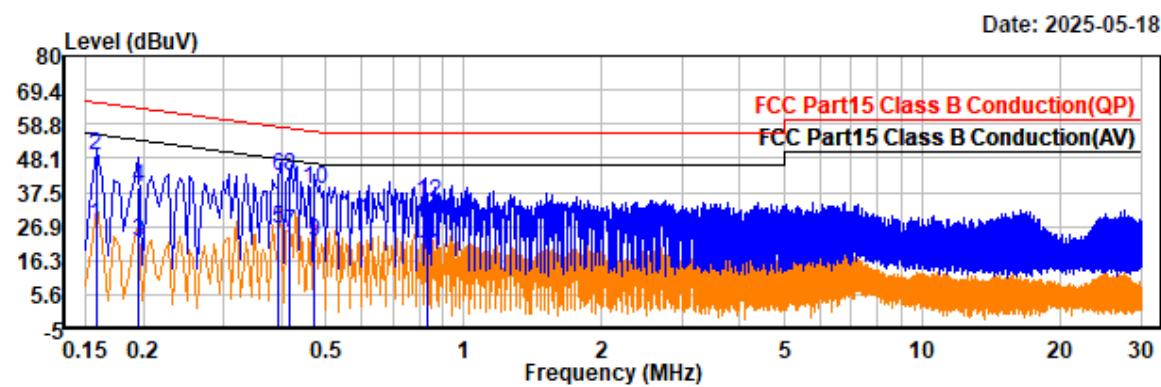
The “Margin” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

Margin (dB) = Limit (dB $\mu$ V) –Result (dB $\mu$ V)

**Test Data (Worst case)****Test Model: R-5000**

Project No.: 2507T07867E-EM  
 Test Mode: Mode 1(136-174MHz)  
 EUT Model: R-5000

Temp/Humi/ATM: 23.8°C/63%/100.1kPa  
 Tested by: Apollo Luo  
 Power Source: DC 5V from adapter  
 (AC 120V/60Hz)



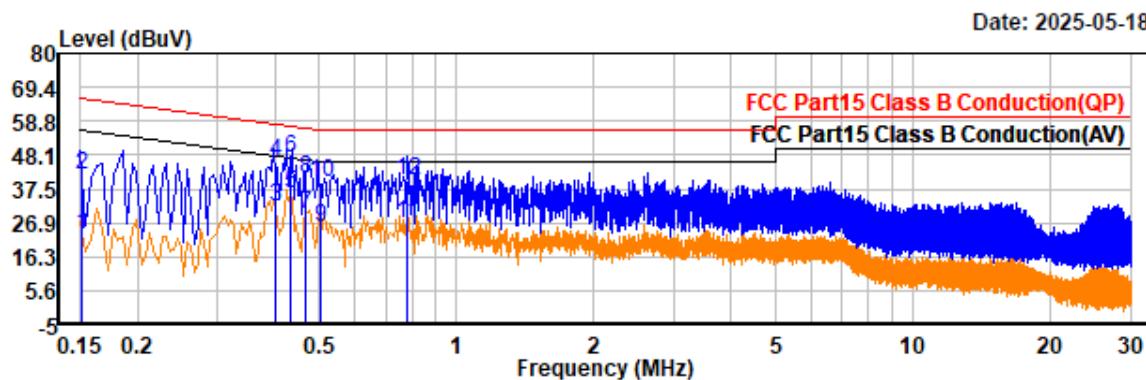
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.16	6.58	20.87	27.45	55.58	28.13	Line	Average
0.16	28.15	20.87	49.02	65.58	16.56	Line	QP
0.20	1.37	20.60	21.97	53.80	31.83	Line	Average
0.20	18.33	20.60	38.93	63.80	24.87	Line	QP
0.39	5.67	20.36	26.03	47.98	21.95	Line	Average
0.39	22.14	20.36	42.50	57.98	15.48	Line	QP
0.42	4.33	20.34	24.67	47.48	22.81	Line	Average
0.42	22.33	20.34	42.67	57.48	14.81	Line	QP
0.47	1.52	20.31	21.83	46.51	24.68	Line	Average
0.47	17.97	20.31	38.28	56.51	18.23	Line	QP
0.84	-2.90	20.71	17.81	46.00	28.19	Line	Average
0.84	13.32	20.71	34.03	56.00	21.97	Line	QP

Project No.: 2507T07867E-EM  
Test Mode: Mode 1(136-174MHz)  
EUT Model: R-5000

Temp/Humi/ATM: 23.8°C/63%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)



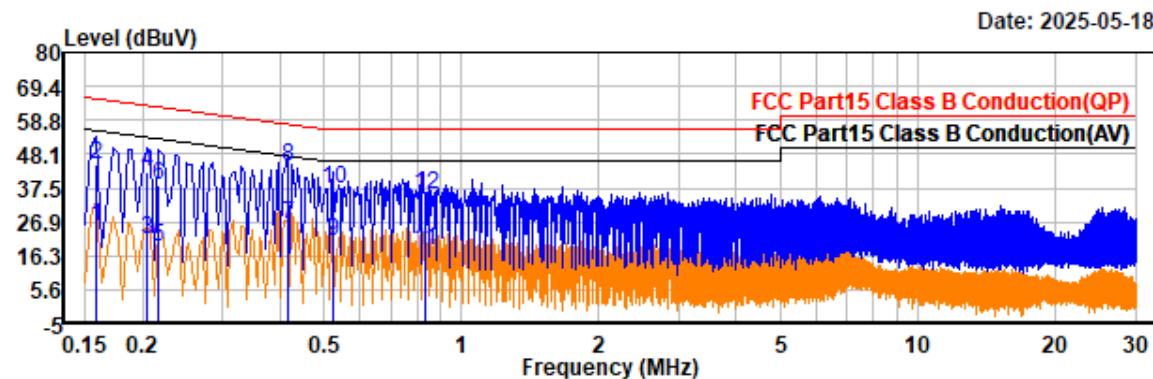
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.15	2.48	20.73	23.21	55.96	32.75	Neutral	Average
0.15	21.03	20.73	41.76	65.96	24.20	Neutral	QP
0.40	11.30	20.45	31.75	47.83	16.08	Neutral	Average
0.40	25.33	20.45	45.78	57.83	12.05	Neutral	QP
0.43	15.47	20.44	35.91	47.17	11.26	Neutral	Average
0.43	26.64	20.44	47.08	57.17	10.09	Neutral	QP
0.47	8.94	20.41	29.35	46.53	17.18	Neutral	Average
0.47	20.16	20.41	40.57	56.53	15.96	Neutral	QP
0.50	5.28	20.39	25.67	46.00	20.33	Neutral	Average
0.50	19.22	20.39	39.61	56.00	16.39	Neutral	QP
0.78	6.28	20.49	26.77	46.00	19.23	Neutral	Average
0.78	19.49	20.49	39.98	56.00	16.02	Neutral	QP

Project No.: 2507T07867E-EM  
Test Mode: Mode 2(155MHz)  
EUT Model: R-5000

Temp/Humi/ATM: 23.8°C/63%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)



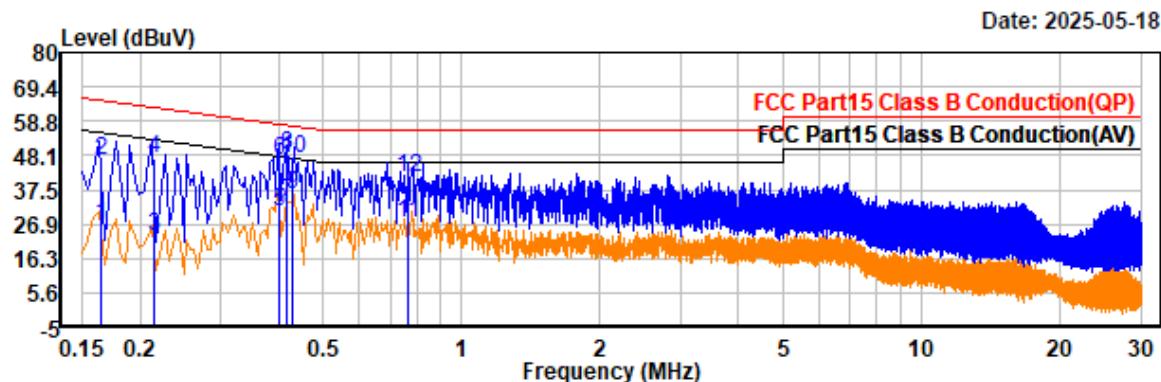
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.16	4.87	20.86	25.73	55.51	29.78	Line	Average
0.16	23.90	20.86	44.76	65.51	20.75	Line	QP
0.20	0.57	20.56	21.13	53.41	32.28	Line	Average
0.20	21.99	20.56	42.55	63.41	20.86	Line	QP
0.22	-1.58	20.54	18.96	52.95	33.99	Line	Average
0.22	18.07	20.54	38.61	62.95	24.34	Line	QP
0.42	6.00	20.34	26.34	47.48	21.14	Line	Average
0.42	23.66	20.34	44.00	57.48	13.48	Line	QP
0.52	0.49	20.32	20.81	46.00	25.19	Line	Average
0.52	16.91	20.32	37.23	56.00	18.77	Line	QP
0.83	-2.63	20.70	18.07	46.00	27.93	Line	Average
0.83	14.48	20.70	35.18	56.00	20.82	Line	QP

Project No.: 2507T07867E-EM  
Test Mode: Mode 2(155MHz)  
EUT Model: R-5000

Temp/Humi/ATM: 23.8°C/63%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)



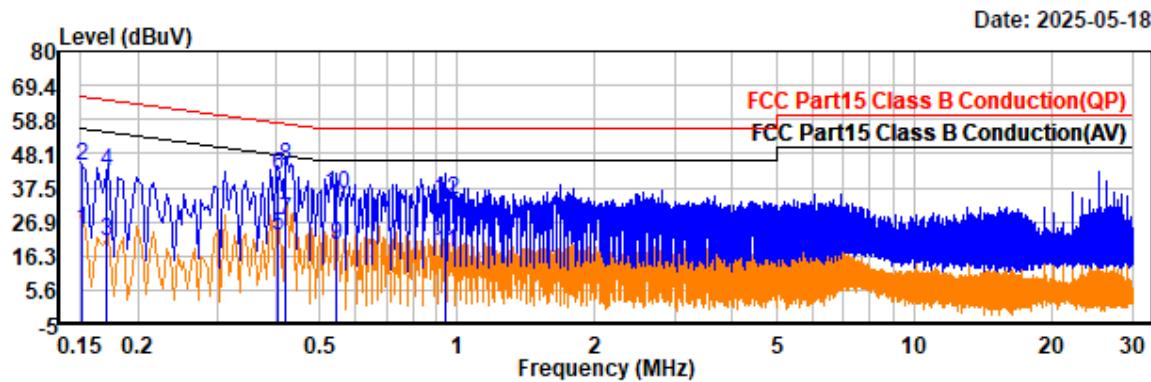
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.16	6.05	20.71	26.76	55.21	28.45	Neutral	Average
0.16	26.06	20.71	46.77	65.21	18.44	Neutral	QP
0.21	2.50	20.65	23.15	53.05	29.90	Neutral	Average
0.21	26.78	20.65	47.43	63.05	15.62	Neutral	QP
0.40	10.55	20.45	31.00	47.80	16.80	Neutral	Average
0.40	26.15	20.45	46.60	57.80	11.20	Neutral	QP
0.42	13.12	20.44	33.56	47.47	13.91	Neutral	Average
0.42	28.06	20.44	48.50	57.47	8.97	Neutral	QP
0.43	15.31	20.44	35.75	47.25	11.50	Neutral	Average
0.43	26.50	20.44	46.94	57.25	10.31	Neutral	QP
0.76	6.83	20.46	27.29	46.00	18.71	Neutral	Average
0.76	20.81	20.46	41.27	56.00	14.73	Neutral	QP

Project No.: 2507T07867E-EM  
Test Mode: Mode 3(136-174MHz)  
EUT Model: R-5000

Temp/Humi/ATM: 23.8°C/63%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)



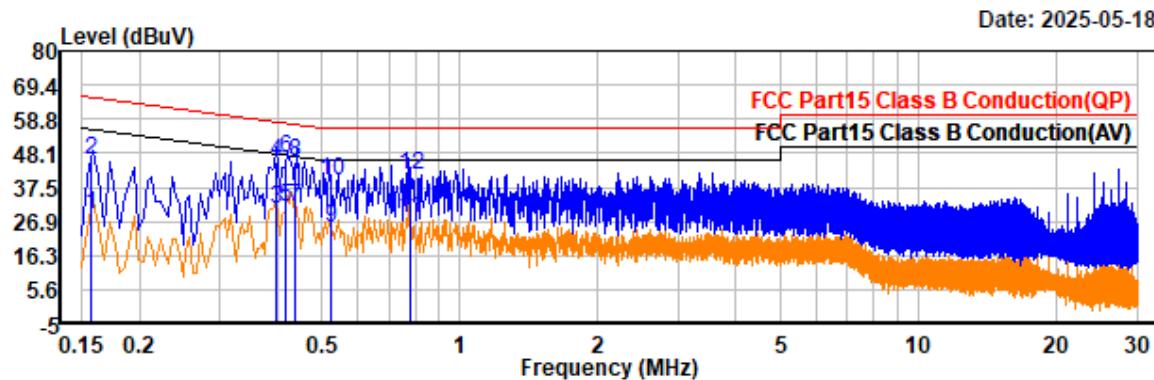
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.15	3.46	20.92	24.38	55.92	31.54	Line	Average
0.15	23.12	20.92	44.04	65.92	21.88	Line	QP
0.17	0.19	20.77	20.96	54.92	33.96	Line	Average
0.17	21.82	20.77	42.59	64.92	22.33	Line	QP
0.41	1.94	20.35	22.29	47.71	25.42	Line	Average
0.41	20.73	20.35	41.08	57.71	16.63	Line	QP
0.42	6.91	20.34	27.25	47.44	20.19	Line	Average
0.42	23.65	20.34	43.99	57.44	13.45	Line	QP
0.54	-0.85	20.34	19.49	46.00	26.51	Line	Average
0.54	15.06	20.34	35.40	56.00	20.60	Line	QP
0.94	-3.34	20.86	17.52	46.00	28.48	Line	Average
0.94	12.86	20.86	33.72	56.00	22.28	Line	QP

Project No.: 2507T07867E-EM  
Test Mode: Mode 3(136-174MHz)  
EUT Model: R-5000

Temp/Humi/ATM: 23.8°C/63%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)



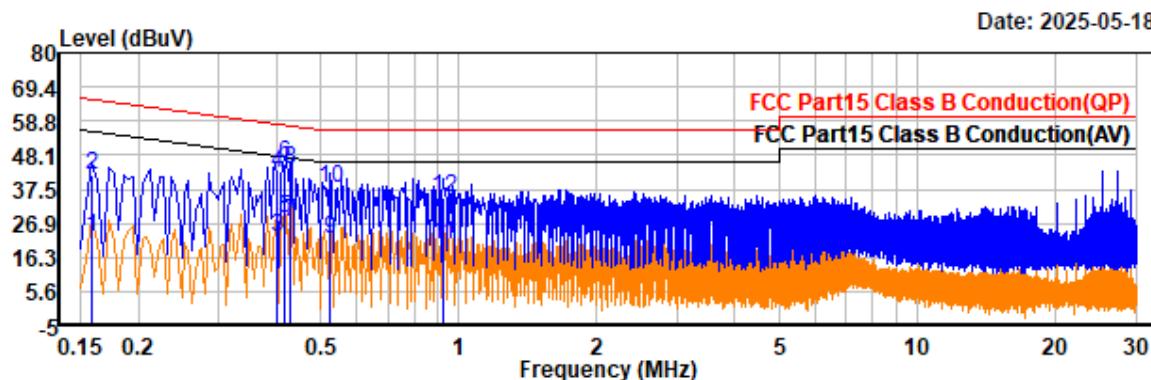
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.16	8.39	20.72	29.11	55.60	26.49	Neutral	Average
0.16	25.36	20.72	46.08	65.60	19.52	Neutral	QP
0.40	10.22	20.45	30.67	47.86	17.19	Neutral	Average
0.40	25.14	20.45	45.59	57.86	12.27	Neutral	QP
0.42	11.00	20.44	31.44	47.49	16.05	Neutral	Average
0.42	26.32	20.44	46.76	57.49	10.73	Neutral	QP
0.44	11.10	20.43	31.53	47.09	15.56	Neutral	Average
0.44	25.12	20.43	45.55	57.09	11.54	Neutral	QP
0.52	4.79	20.38	25.17	46.00	20.83	Neutral	Average
0.52	19.06	20.38	39.44	56.00	16.56	Neutral	QP
0.78	7.50	20.49	27.99	46.00	18.01	Neutral	Average
0.78	21.09	20.49	41.58	56.00	14.42	Neutral	QP

Project No.: 2507T07867E-EM  
Test Mode: Mode 4(136.0125MHz)  
EUT Model: R-5000

Temp/Humi/ATM: 23.8°C/63%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)



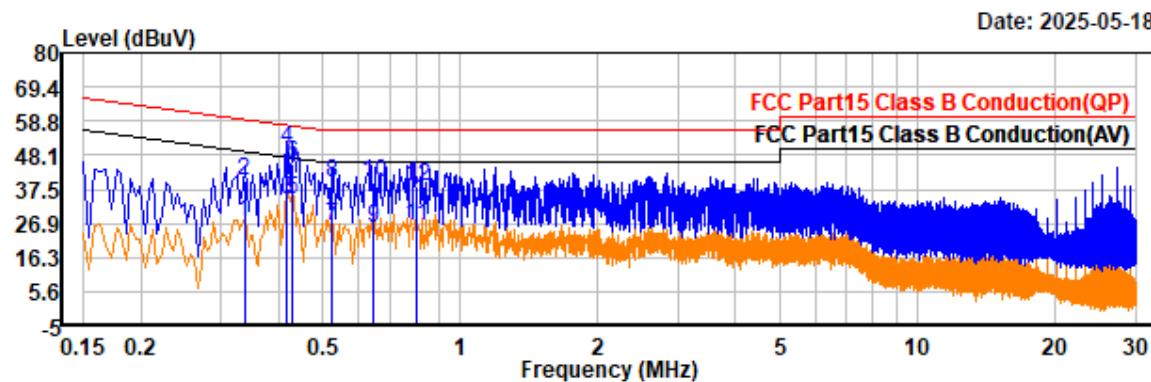
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.16	1.45	20.86	22.31	55.50	33.19	Line	Average
0.16	21.30	20.86	42.16	65.50	23.34	Line	QP
0.40	2.35	20.35	22.70	47.83	25.13	Line	Average
0.40	22.04	20.35	42.39	57.83	15.44	Line	QP
0.42	8.01	20.34	28.35	47.47	19.12	Line	Average
0.42	24.78	20.34	45.12	57.47	12.35	Line	QP
0.43	7.18	20.34	27.52	47.24	19.72	Line	Average
0.43	23.33	20.34	43.67	57.24	13.57	Line	QP
0.52	1.45	20.32	21.77	46.00	24.23	Line	Average
0.52	17.30	20.32	37.62	56.00	18.38	Line	QP
0.92	-0.89	20.83	19.94	46.00	26.06	Line	Average
0.92	14.30	20.83	35.13	56.00	20.87	Line	QP

Project No.: 2507T07867E-EM  
Test Mode: Mode 4(136.0125MHz)  
EUT Model: R-5000

Temp/Humi/ATM: 23.8°C/63%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)



Trace: 1

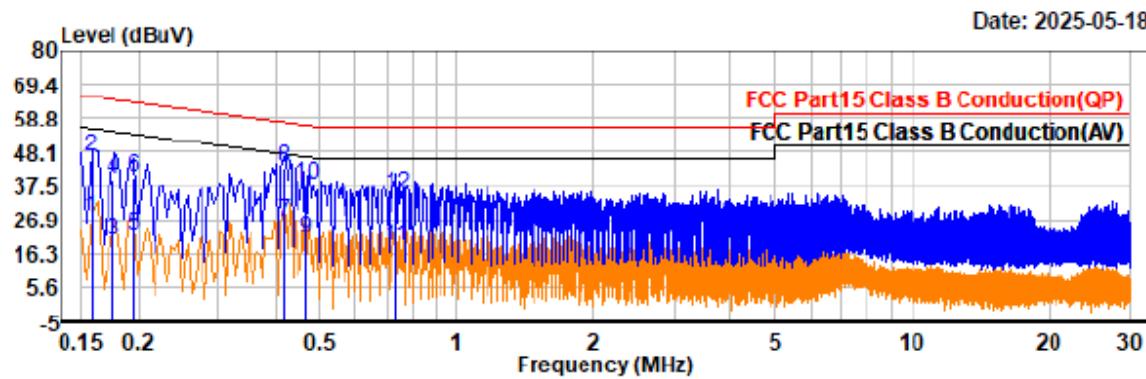
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.34	6.72	20.51	27.23	49.28	22.05	Neutral	Average
0.34	19.60	20.51	40.11	59.28	19.17	Neutral	QP
0.42	13.82	20.44	34.26	47.47	13.21	Neutral	Average
0.42	29.52	20.44	49.96	57.47	7.51	Neutral	QP
0.43	14.04	20.44	34.48	47.25	12.77	Neutral	Average
0.43	24.96	20.44	45.40	57.25	11.85	Neutral	QP
0.53	5.68	20.38	26.06	46.00	19.94	Neutral	Average
0.53	19.27	20.38	39.65	56.00	16.35	Neutral	QP
0.64	5.32	20.32	25.64	46.00	20.36	Neutral	Average
0.64	19.51	20.32	39.83	56.00	16.17	Neutral	QP
0.80	5.53	20.53	26.06	46.00	19.94	Neutral	Average
0.80	17.57	20.53	38.10	56.00	17.90	Neutral	QP

**Test Model: R-4900**

Project No.: 2507T07867E-EM  
Test Mode: Mode 1(136-174MHz)  
EUT Model: R-4900

Temp/Humi/ATM: 23.8°C/63%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)



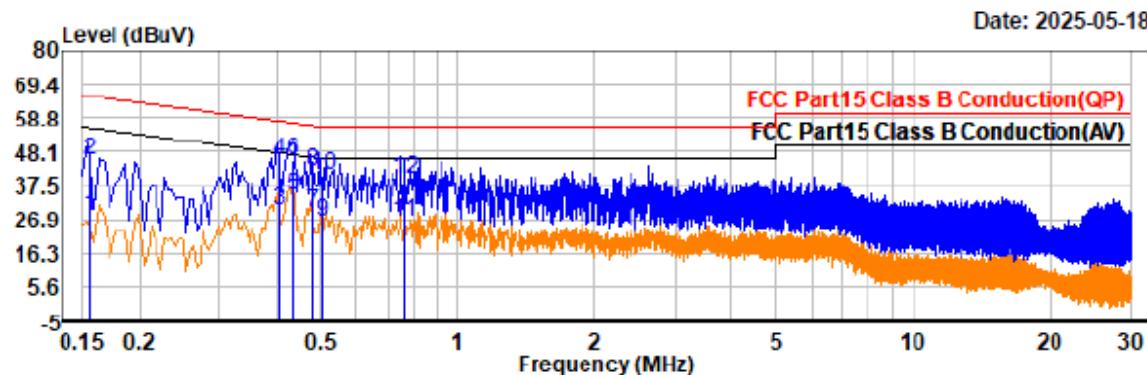
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.16	6.35	20.87	27.22	55.58	28.36	Line	Average
0.16	25.78	20.87	46.65	65.58	18.93	Line	QP
0.18	-0.23	20.73	20.50	54.67	34.17	Line	Average
0.18	18.59	20.73	39.32	64.67	25.35	Line	QP
0.20	1.61	20.60	22.21	53.80	31.59	Line	Average
0.20	19.34	20.60	39.94	63.80	23.86	Line	QP
0.42	5.60	20.34	25.94	47.49	21.55	Line	Average
0.42	22.70	20.34	43.04	57.49	14.45	Line	QP
0.47	0.77	20.31	21.08	46.52	25.44	Line	Average
0.47	17.49	20.31	37.80	56.52	18.72	Line	QP
0.74	-1.82	20.56	18.74	46.00	27.26	Line	Average
0.74	14.09	20.56	34.65	56.00	21.35	Line	QP

Project No.: 2507T07867E-EM  
Test Mode: Mode 1(136-174MHz)  
EUT Model: R-4900

Temp/Humi/ATM: 23.8°C/63%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)



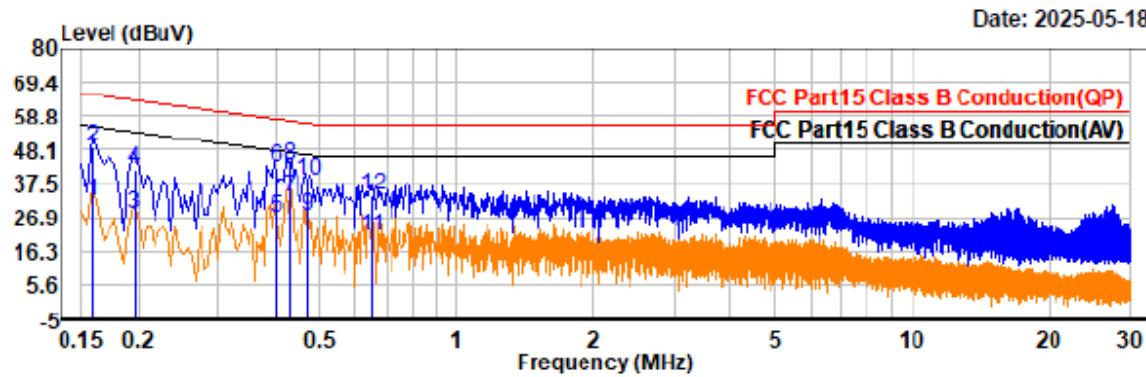
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.16	6.89	20.72	27.61	55.72	28.11	Neutral	Average
0.16	24.86	20.72	45.58	65.72	20.14	Neutral	QP
0.40	9.26	20.45	29.71	47.76	18.05	Neutral	Average
0.40	24.80	20.45	45.25	57.76	12.51	Neutral	QP
0.43	14.04	20.44	34.48	47.19	12.71	Neutral	Average
0.43	24.95	20.44	45.39	57.19	11.80	Neutral	QP
0.48	8.36	20.40	28.76	46.34	17.58	Neutral	Average
0.48	21.24	20.40	41.64	56.34	14.70	Neutral	QP
0.51	5.48	20.39	25.87	46.00	20.13	Neutral	Average
0.51	20.34	20.39	40.73	56.00	15.27	Neutral	QP
0.77	5.78	20.46	26.24	46.00	19.76	Neutral	Average
0.77	19.02	20.46	39.48	56.00	16.52	Neutral	QP

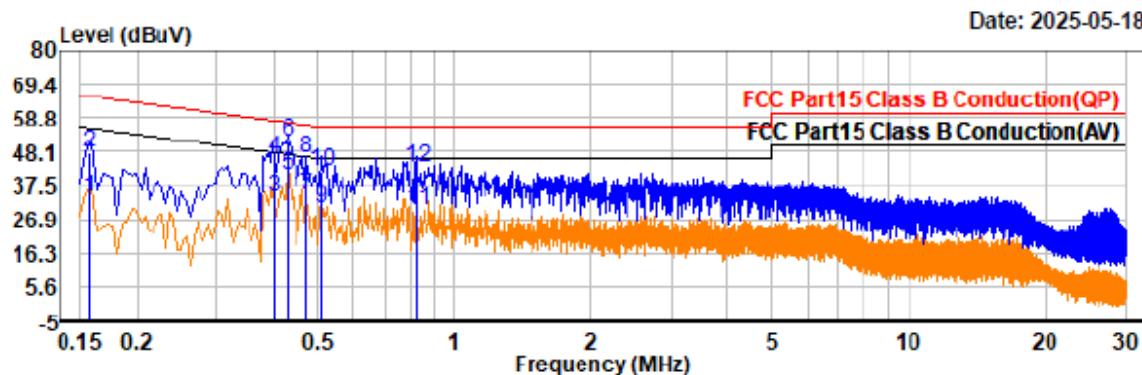
Project No.: 2507T07867E-EM  
Test Mode: Mode 2(155MHz)  
EUT Model: R-4900

Temp/Humi/ATM: 23.8°C/63%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)



Project No.: 2507T07867E-EM  
Test Mode: Mode 2(155MHz)  
EUT Model: R-4900

Temp/Humi/ATM: 23.8°C/63%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)



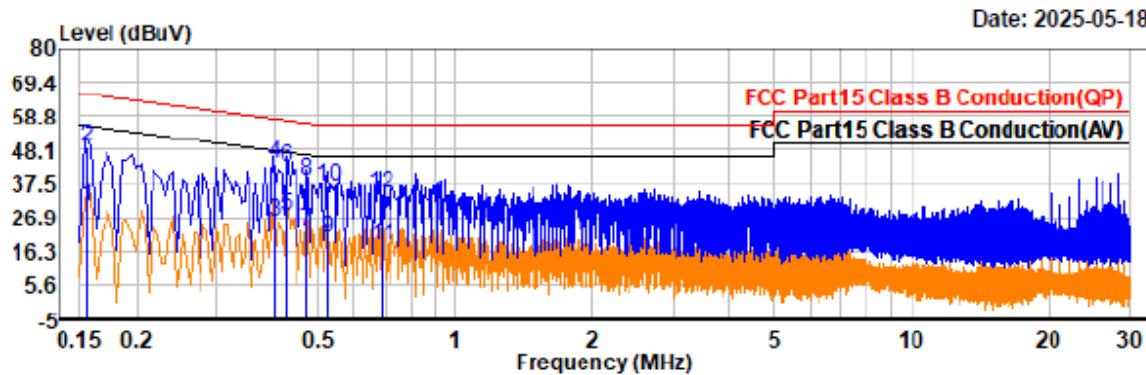
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.16	12.79	20.72	33.51	55.58	22.07	Neutral	Average
0.16	26.98	20.72	47.70	65.58	17.88	Neutral	QP
0.40	13.40	20.45	33.85	47.82	13.97	Neutral	Average
0.40	25.54	20.45	45.99	57.82	11.83	Neutral	QP
0.43	20.26	20.44	40.70	47.29	6.59	Neutral	Average
0.43	31.06	20.44	51.50	57.29	5.79	Neutral	QP
0.47	13.70	20.41	34.11	46.45	12.34	Neutral	Average
0.47	25.41	20.41	45.82	56.45	10.63	Neutral	QP
0.51	9.54	20.38	29.92	46.00	16.08	Neutral	Average
0.51	21.60	20.38	41.98	56.00	14.02	Neutral	QP
0.83	8.74	20.59	29.33	46.00	16.67	Neutral	Average
0.83	22.71	20.59	43.30	56.00	12.70	Neutral	QP

Project No.: 2507T07867E-EM  
Test Mode: Mode 3(136-174MHz)  
EUT Model: R-4900

Temp/Humi/ATM: 23.8°C/63%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)



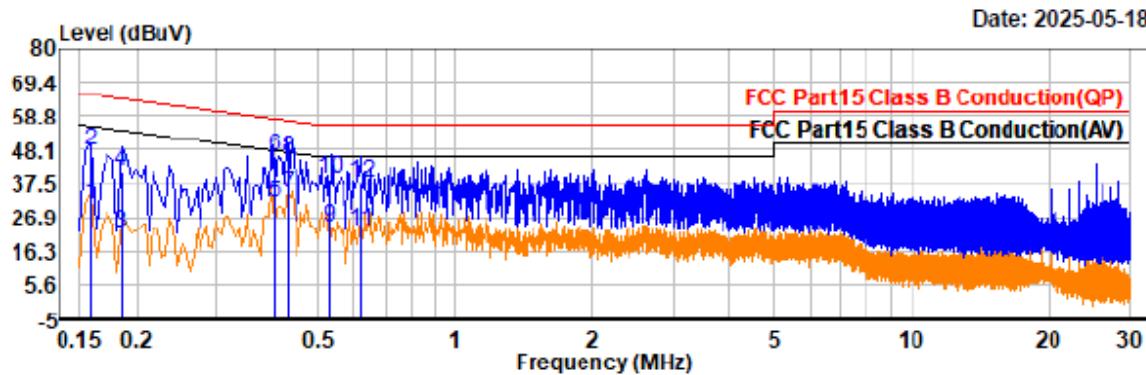
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.16	9.52	20.88	30.40	55.67	25.27	Line	Average
0.16	28.08	20.88	48.96	65.67	16.71	Line	QP
0.40	5.08	20.35	25.43	47.83	22.40	Line	Average
0.40	23.08	20.35	43.43	57.83	14.40	Line	QP
0.42	6.77	20.33	27.10	47.37	20.27	Line	Average
0.42	22.40	20.33	42.73	57.37	14.64	Line	QP
0.47	2.12	20.31	22.43	46.50	24.07	Line	Average
0.47	18.10	20.31	38.41	56.50	18.09	Line	QP
0.52	-0.39	20.32	19.93	46.00	26.07	Line	Average
0.52	16.47	20.32	36.79	56.00	19.21	Line	QP
0.69	-2.46	20.49	18.03	46.00	27.97	Line	Average
0.69	13.65	20.49	34.14	56.00	21.86	Line	QP

Project No.: 2507T07867E-EM  
Test Mode: Mode 3(136-174MHz)  
EUT Model: R-4900

Temp/Humi/ATM: 23.8°C/63%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)



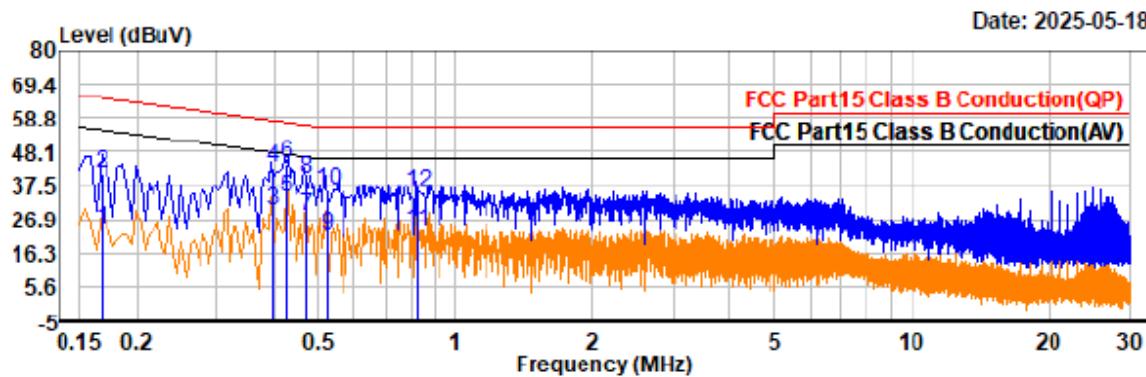
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Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.16	9.90	20.72	30.62	55.56	24.94	Neutral	Average
0.16	26.89	20.72	47.61	65.56	17.95	Neutral	QP
0.19	1.22	20.69	21.91	54.24	32.33	Neutral	Average
0.19	20.89	20.69	41.58	64.24	22.66	Neutral	QP
0.40	10.92	20.45	31.37	47.84	16.47	Neutral	Average
0.40	25.73	20.45	46.18	57.84	11.66	Neutral	QP
0.43	13.71	20.44	34.15	47.28	13.13	Neutral	Average
0.43	24.75	20.44	45.19	57.28	12.09	Neutral	QP
0.53	3.60	20.37	23.97	46.00	22.03	Neutral	Average
0.53	18.34	20.37	38.71	56.00	17.29	Neutral	QP
0.62	2.44	20.34	22.78	46.00	23.22	Neutral	Average
0.62	17.72	20.34	38.06	56.00	17.94	Neutral	QP

Project No.: 2507T07867E-EM  
Test Mode: Mode 4(136.0125MHz)  
EUT Model: R-4900

Temp/Humi/ATM: 23.8°C/63%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)



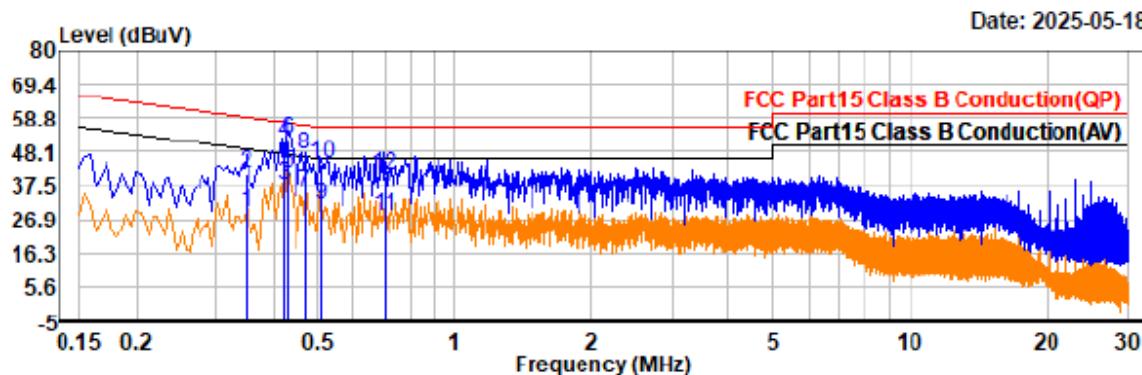
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.17	2.67	20.78	23.45	55.03	31.58	Line	Average
0.17	20.41	20.78	41.19	65.03	23.84	Line	QP
0.40	9.09	20.36	29.45	47.93	18.48	Line	Average
0.40	22.63	20.36	42.99	57.93	14.94	Line	QP
0.43	13.20	20.34	33.54	47.32	13.78	Line	Average
0.43	23.70	20.34	44.04	57.32	13.28	Line	QP
0.47	7.42	20.31	27.73	46.48	18.75	Line	Average
0.47	19.17	20.31	39.48	56.48	17.00	Line	QP
0.52	1.87	20.32	22.19	46.00	23.81	Line	Average
0.52	15.79	20.32	36.11	56.00	19.89	Line	QP
0.83	2.38	20.70	23.08	46.00	22.92	Line	Average
0.83	14.92	20.70	35.62	56.00	20.38	Line	QP

Project No.: 2507T07867E-EM  
Test Mode: Mode 4(136.0125MHz)  
EUT Model: R-4900

Temp/Humi/ATM: 23.8°C/63%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)



Trace: 1

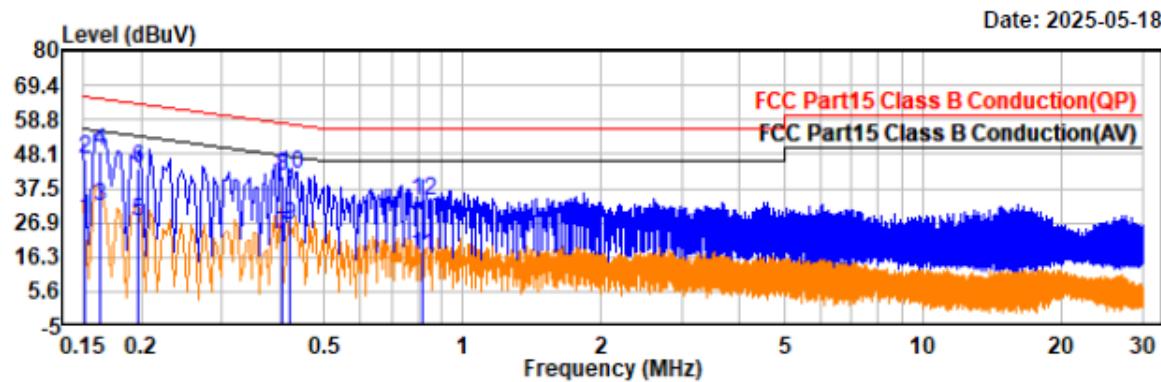
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.35	8.75	20.50	29.25	49.03	19.78	Neutral	Average
0.35	20.78	20.50	41.28	59.03	17.75	Neutral	QP
0.42	17.44	20.44	37.88	47.46	9.58	Neutral	Average
0.42	31.04	20.44	51.48	57.46	5.98	Neutral	QP
0.43	20.61	20.44	41.05	47.27	6.22	Neutral	Average
0.43	31.53	20.44	51.97	57.27	5.30	Neutral	QP
0.47	14.75	20.41	35.16	46.52	11.36	Neutral	Average
0.47	27.01	20.41	47.42	56.52	9.10	Neutral	QP
0.51	10.89	20.39	31.28	46.00	14.72	Neutral	Average
0.51	23.66	20.39	44.05	56.00	11.95	Neutral	QP
0.70	7.28	20.30	27.58	46.00	18.42	Neutral	Average
0.70	20.67	20.30	40.97	56.00	15.03	Neutral	QP

**Test Model: R-4900Pro**

Project No.: 2507T07867E-EM  
 Test Mode: Mode 1(136-174MHz)  
 EUT Model: R-4900Pro

Temp/Humi/ATM: 23.8°C/63%/100.1kPa  
 Tested by: Apollo Luo  
 Power Source: DC 5V from adapter  
 (AC 120V/60Hz)



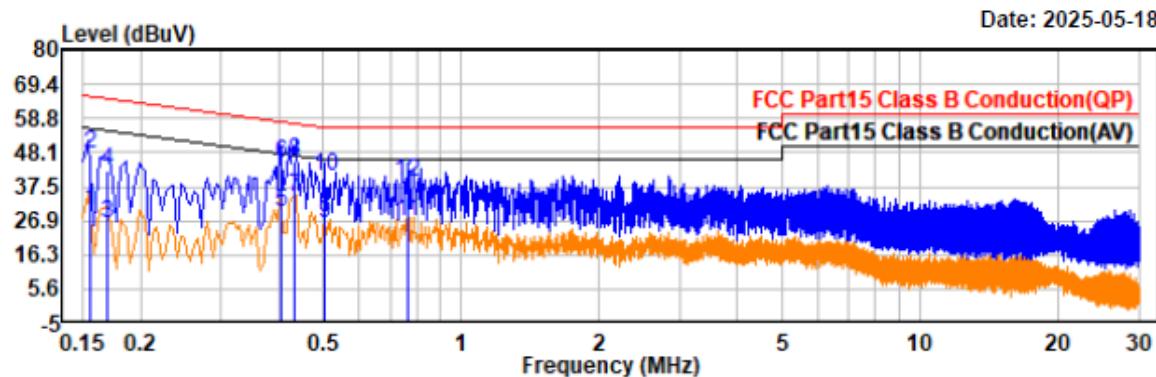
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.15	6.71	20.92	27.63	55.95	28.32	Line	Average
0.15	25.44	20.92	46.36	65.95	19.59	Line	QP
0.16	11.00	20.83	31.83	55.32	23.49	Line	Average
0.16	28.09	20.83	48.92	65.32	16.40	Line	QP
0.20	6.43	20.59	27.02	53.71	26.69	Line	Average
0.20	23.32	20.59	43.91	63.71	19.80	Line	QP
0.40	2.88	20.35	23.23	47.75	24.52	Line	Average
0.40	21.01	20.35	41.36	57.75	16.39	Line	QP
0.42	5.44	20.34	25.78	47.44	21.66	Line	Average
0.42	21.44	20.34	41.78	57.44	15.66	Line	QP
0.82	-3.89	20.68	16.79	46.00	29.21	Line	Average
0.82	12.95	20.68	33.63	56.00	22.37	Line	QP

Project No.: 2507T07867E-EM  
Test Mode: Mode 1(136-174MHz)  
EUT Model: R-4900Pro

Temp/Humi/ATM: 23.8°C/63%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)



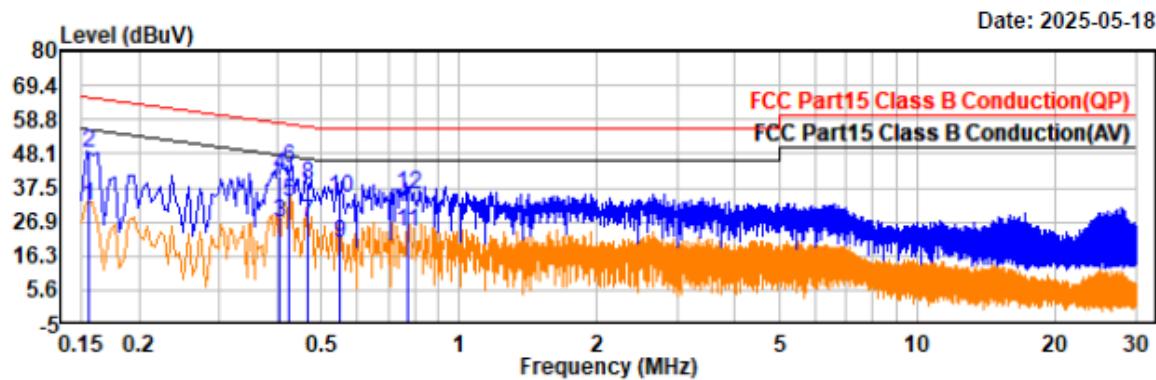
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.16	9.54	20.72	30.26	55.68	25.42	Neutral	Average
0.16	27.04	20.72	47.76	65.68	17.92	Neutral	QP
0.17	5.19	20.71	25.90	55.00	29.10	Neutral	Average
0.17	22.02	20.71	42.73	65.00	22.27	Neutral	QP
0.40	9.23	20.45	29.68	47.76	18.08	Neutral	Average
0.40	24.47	20.45	44.92	57.76	12.84	Neutral	QP
0.43	14.08	20.44	34.52	47.16	12.64	Neutral	Average
0.43	24.76	20.44	45.20	57.16	11.96	Neutral	QP
0.51	5.44	20.39	25.83	46.00	20.17	Neutral	Average
0.51	20.10	20.39	40.49	56.00	15.51	Neutral	QP
0.76	6.28	20.45	26.73	46.00	19.27	Neutral	Average
0.76	18.40	20.45	38.85	56.00	17.15	Neutral	QP

Project No.: 2507T07867E-EM  
Test Mode: Mode 2(155MHz)  
EUT Model: R-4900Pro

Temp/Humi/ATM: 23.8°C/63%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)



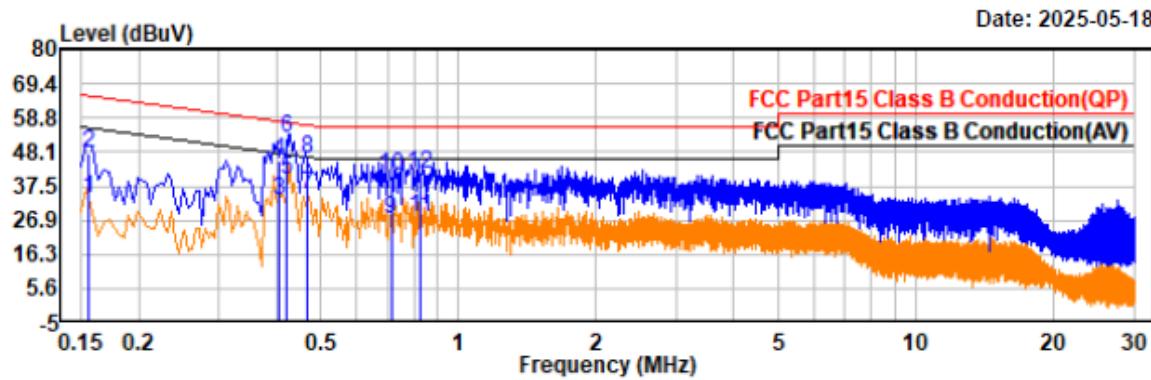
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.16	11.28	20.88	32.16	55.71	23.55	Line	Average
0.16	27.73	20.88	48.61	65.71	17.10	Line	QP
0.41	6.08	20.35	26.43	47.74	21.31	Line	Average
0.41	20.97	20.35	41.32	57.74	16.42	Line	QP
0.43	12.74	20.34	33.08	47.34	14.26	Line	Average
0.43	23.57	20.34	43.91	57.34	13.43	Line	QP
0.47	6.28	20.31	26.59	46.56	19.97	Line	Average
0.47	18.13	20.31	38.44	56.56	18.12	Line	QP
0.55	-0.11	20.35	20.24	46.00	25.76	Line	Average
0.55	13.73	20.35	34.08	56.00	21.92	Line	QP
0.77	2.83	20.62	23.45	46.00	22.55	Line	Average
0.77	15.00	20.62	35.62	56.00	20.38	Line	QP

Project No.: 2507T07867E-EM  
Test Mode: Mode 2(155MHz)  
EUT Model: R-4900Pro

Temp/Humi/ATM: 23.8°C/63%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)



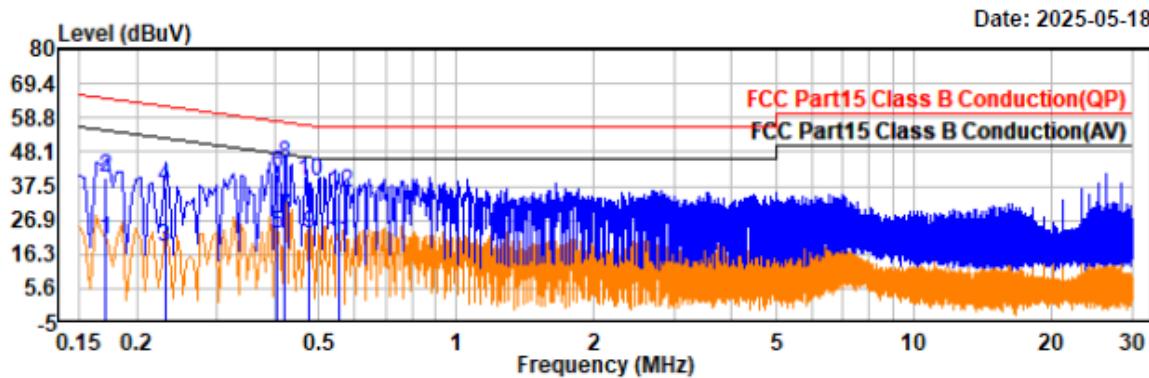
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.16	13.21	20.72	33.93	55.68	21.75	Neutral	Average
0.16	27.09	20.72	47.81	65.68	17.87	Neutral	QP
0.41	12.42	20.45	32.87	47.75	14.88	Neutral	Average
0.41	24.94	20.45	45.39	57.75	12.36	Neutral	QP
0.42	18.85	20.44	39.29	47.42	8.13	Neutral	Average
0.42	31.73	20.44	52.17	57.42	5.25	Neutral	QP
0.47	14.48	20.41	34.89	46.54	11.65	Neutral	Average
0.47	25.87	20.41	46.28	56.54	10.26	Neutral	QP
0.71	6.79	20.33	27.12	46.00	18.88	Neutral	Average
0.71	20.32	20.33	40.65	56.00	15.35	Neutral	QP
0.82	7.33	20.58	27.91	46.00	18.09	Neutral	Average
0.82	20.72	20.58	41.30	56.00	14.70	Neutral	QP

Project No.: 2507T07867E-EM  
Test Mode: Mode 3(136-174MHz)  
EUT Model: R-4900Pro

Temp/Humi/ATM: 23.8°C/63%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)



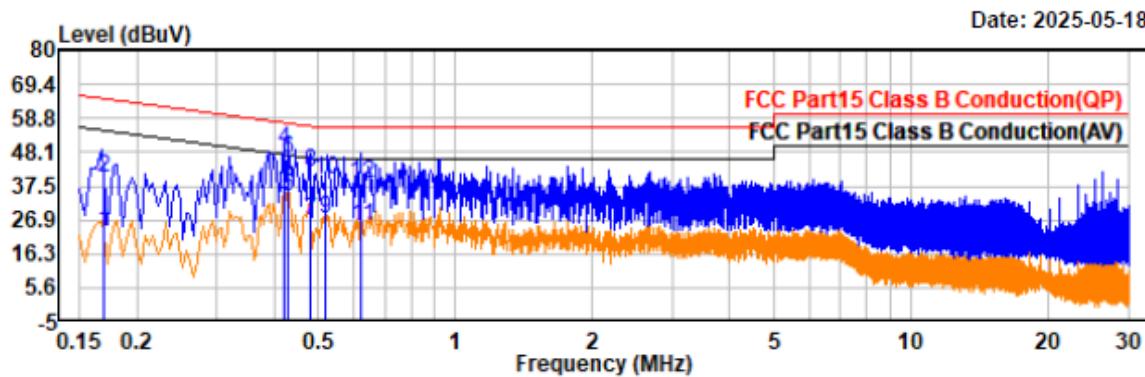
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.17	0.06	20.77	20.83	54.90	34.07	Line	Average
0.17	19.16	20.77	39.93	64.90	24.97	Line	QP
0.23	-1.95	20.52	18.57	52.43	33.86	Line	Average
0.23	16.44	20.52	36.96	62.43	25.47	Line	QP
0.40	2.13	20.35	22.48	47.77	25.29	Line	Average
0.40	21.17	20.35	41.52	57.77	16.25	Line	QP
0.42	7.31	20.34	27.65	47.43	19.78	Line	Average
0.42	23.82	20.34	44.16	57.43	13.27	Line	QP
0.48	2.54	20.30	22.84	46.38	23.54	Line	Average
0.48	18.49	20.30	38.79	56.38	17.59	Line	QP
0.55	-0.30	20.35	20.05	46.00	25.95	Line	Average
0.55	15.21	20.35	35.56	56.00	20.44	Line	QP

Project No.: 2507T07867E-EM  
Test Mode: Mode 3(136-174MHz)  
EUT Model: R-4900Pro

Temp/Humi/ATM: 23.8°C/63%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)



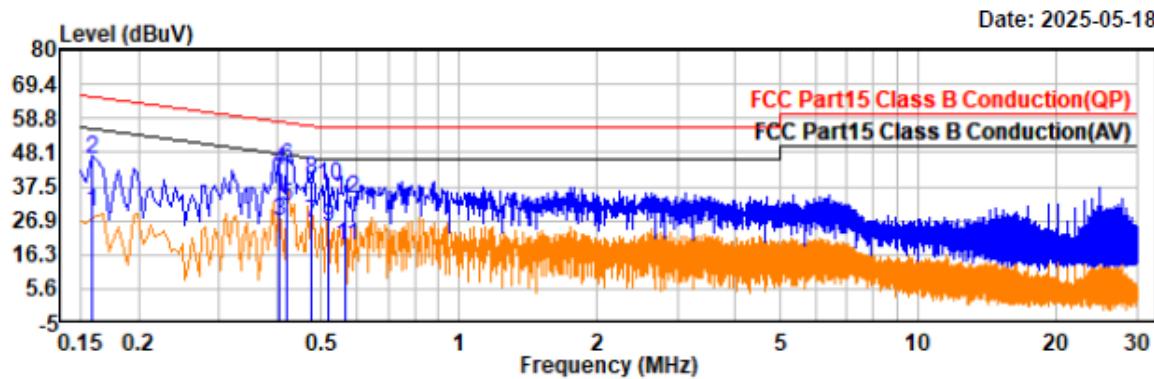
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.17	2.43	20.71	23.14	55.02	31.88	Neutral	Average
0.17	19.39	20.71	40.10	65.02	24.92	Neutral	QP
0.42	14.30	20.44	34.74	47.46	12.72	Neutral	Average
0.42	28.37	20.44	48.81	57.46	8.65	Neutral	QP
0.43	14.12	20.44	34.56	47.25	12.69	Neutral	Average
0.43	25.39	20.44	45.83	57.25	11.42	Neutral	QP
0.48	6.02	20.40	26.42	46.29	19.87	Neutral	Average
0.48	21.56	20.40	41.96	56.29	14.33	Neutral	QP
0.52	6.97	20.38	27.35	46.00	18.65	Neutral	Average
0.52	19.12	20.38	39.50	56.00	16.50	Neutral	QP
0.62	4.33	20.33	24.66	46.00	21.34	Neutral	Average
0.62	18.22	20.33	38.55	56.00	17.45	Neutral	QP

Project No.: 2507T07867E-EM  
Test Mode: Mode 4(136.0125MHz)  
EUT Model: R-4900Pro

Temp/Humi/ATM: 23.8°C/63%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)



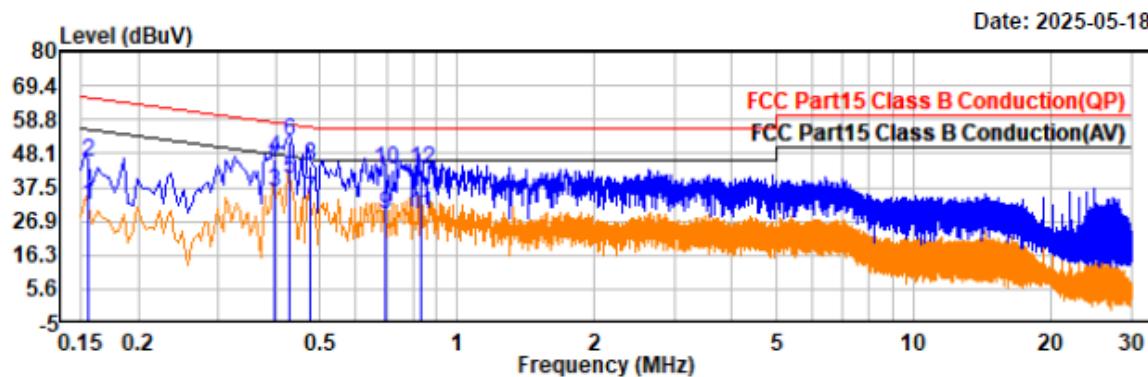
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.16	8.42	20.87	29.29	55.57	26.28	Line	Average
0.16	25.34	20.87	46.21	65.57	19.36	Line	QP
0.41	6.39	20.35	26.74	47.74	21.00	Line	Average
0.41	21.87	20.35	42.22	57.74	15.52	Line	QP
0.42	10.82	20.34	31.16	47.44	16.28	Line	Average
0.42	23.09	20.34	43.43	57.44	14.01	Line	QP
0.48	5.91	20.30	26.21	46.37	20.16	Line	Average
0.48	19.04	20.30	39.34	56.37	17.03	Line	QP
0.52	4.30	20.31	24.61	46.00	21.39	Line	Average
0.52	17.24	20.31	37.55	56.00	18.45	Line	QP
0.57	-1.10	20.37	19.27	46.00	26.73	Line	Average
0.57	13.57	20.37	33.94	56.00	22.06	Line	QP

Project No.: 2507T07867E-EM  
Test Mode: Mode 4(136.0125MHz)  
EUT Model: R-4900Pro

Temp/Humi/ATM: 23.8°C/63%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)



Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.16	11.23	20.72	31.95	55.69	23.74	Neutral	Average
0.16	24.86	20.72	45.58	65.69	20.11	Neutral	QP
0.40	15.44	20.46	35.90	47.93	12.03	Neutral	Average
0.40	26.37	20.46	46.83	57.93	11.10	Neutral	QP
0.43	19.70	20.44	40.14	47.30	7.16	Neutral	Average
0.43	31.34	20.44	51.78	57.30	5.52	Neutral	QP
0.48	13.21	20.41	33.62	46.42	12.80	Neutral	Average
0.48	23.82	20.41	44.23	56.42	12.19	Neutral	QP
0.69	8.85	20.30	29.15	46.00	16.85	Neutral	Average
0.69	22.58	20.30	42.88	56.00	13.12	Neutral	QP
0.83	8.51	20.60	29.11	46.00	16.89	Neutral	Average
0.83	22.18	20.60	42.78	56.00	13.22	Neutral	QP

## FCC §15.109 - RADIATED EMISSION IN FREQUENCY

### Applicable Standard

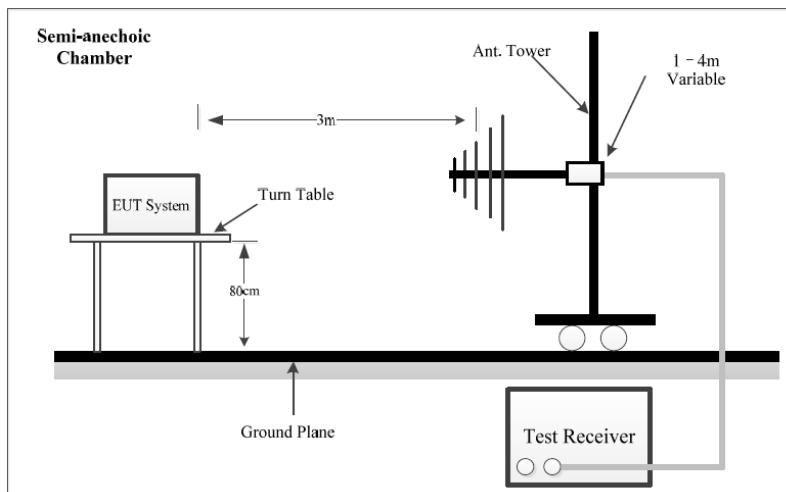
#### FCC§15.109

(a) Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

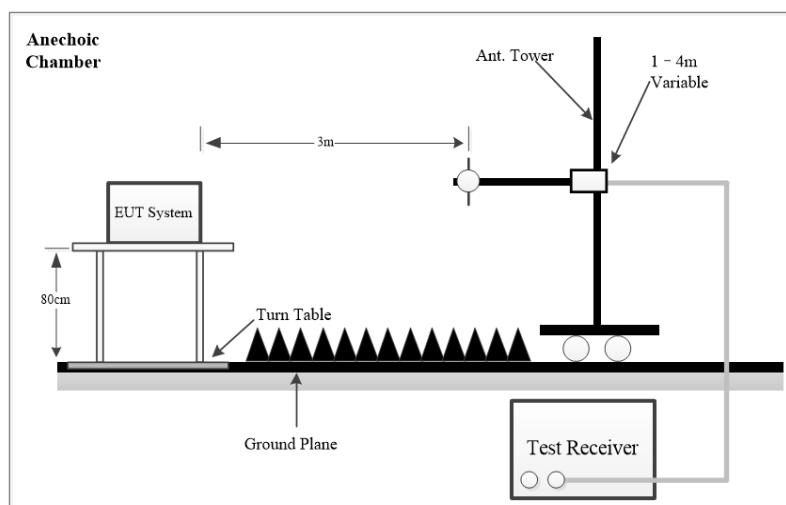
Frequency of emission (MHz)	Field strength (microvolts/meter)
30-88	100
88-216	150
216-960	200
Above 960	500

### Test System Setup

Below 1 GHz:



Above 1 GHz:



The radiated emission tests were performed in the 3 meters chamber test site, using the setup accordance with the ANSI C63.4-2014. The specification used was the FCC Part 15.109 Class B limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.

### EMI Test Receiver Setup

The system was investigated from 30 MHz to 2 GHz.

During the radiated emission test, the EMI test receiver was set with the following configurations:

Frequency Range	RBW	VBW	IF B/W	Measurement	Detector
30 MHz – 1000 MHz	100 kHz	300 kHz	/	PK	PK
	/	/	120 kHz	QP	QP
Above 1 GHz	1 MHz	3 MHz	/	PK	PK
	1 MHz	10 Hz	/	AV	PK

### Test Procedure

The frequency and amplitude of the six highest ac power-line conducted emissions relative to the limit, measured over all the current-carrying conductors of the EUT power cords, and the operating frequency or frequency to which the EUT is tuned (if appropriate), should be reported, unless such emissions are more than 20 dB below the limit. AC power-line conducted emissions measurements are to be separately carried out only on each of the phase (“hot”) line(s) and (if used) on the neutral line(s), but not on the ground [protective earth] line(s). If less than six emission frequencies are within 20 dB of the limit, then the noise level of the measuring instrument at representative frequencies should be reported. The specific conductor of the power-line cord for each of the reported emissions should be identified. Measure the six highest emissions with respect to the limit on each current-carrying conductor of each power cord associated with the EUT (but not the power cords of associated or peripheral equipment that are part of the test configuration). Then, report the six highest emissions with respect to the limit from among all the measurements identifying the frequency and specific current carrying conductor identified with the emission. The six highest emissions should be reported for each of the current-carrying conductors, or the six highest emissions may be reported over all the current-carrying conductors.

### Result & Margin Calculation

The Result is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain from the Meter Reading. The basic equation is as follows:

Factor (dB/m) =Antenna Factor (dB/m) + Cable Loss (dB) - Amplifier Gain (dB)

Result (dB $\mu$ V/m) = Reading (dB $\mu$ V) + Factor (dB/m)

The “Margin” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

Margin (dB) = Limit (dB $\mu$ V/m) –Result (dB $\mu$ V/m)

## Test Data

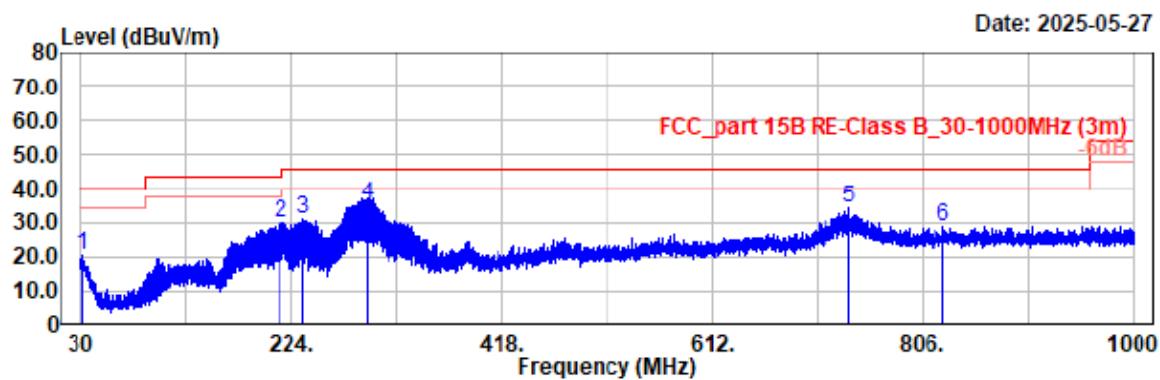
Please refer to below plots:

### 1) 30MHz-1GHz:

#### Test Model: R-5000

Project No.: 2507T07867E-EM  
Test Mode: Mode 1(136-174MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)



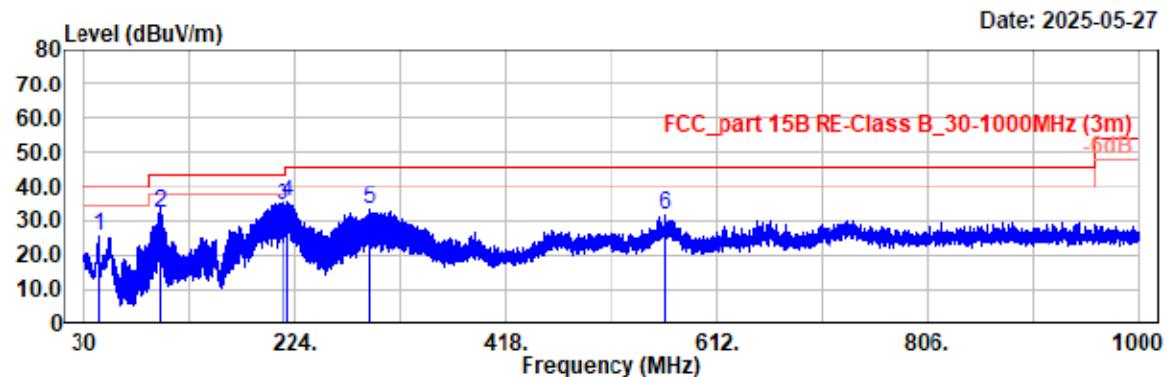
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
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30.97	25.98	-5.84	20.14	40.00	19.86	Horizontal	Peak
213.82	42.28	-12.68	29.60	43.50	13.90	Horizontal	Peak
234.86	43.06	-12.03	31.03	46.00	14.97	Horizontal	Peak
293.26	44.68	-9.29	35.39	46.00	10.61	Horizontal	QP
737.42	33.91	0.31	34.22	46.00	11.78	Horizontal	Peak
825.69	27.07	1.66	28.73	46.00	17.27	Horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 1(136-174MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

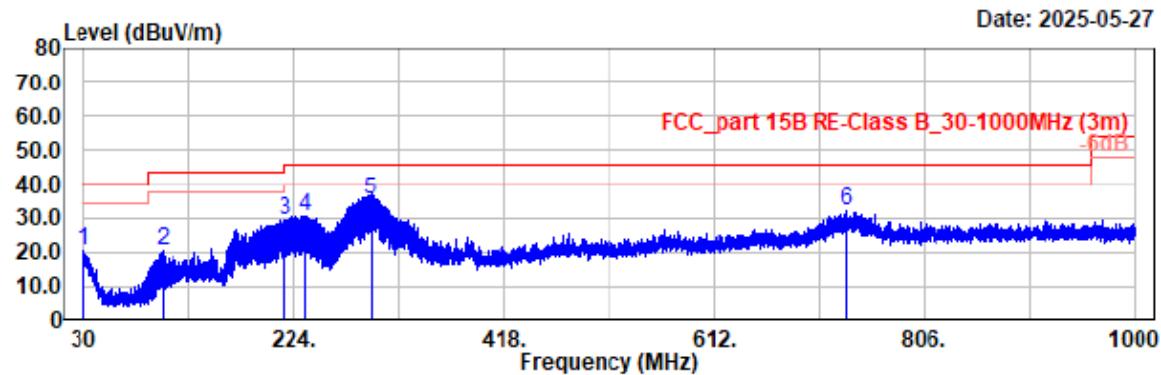


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
43.10	39.24	-13.97	25.27	40.00	14.73	Vertical	Peak
99.65	46.79	-15.02	31.77	43.50	11.73	Vertical	QP
211.78	46.80	-12.66	34.14	43.50	9.36	Vertical	QP
216.53	48.25	-12.68	35.57	46.00	10.43	Vertical	Peak
292.39	42.18	-9.27	32.91	46.00	13.09	Vertical	Peak
564.57	33.67	-2.48	31.19	46.00	14.81	Vertical	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 1(400-470MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7 °C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

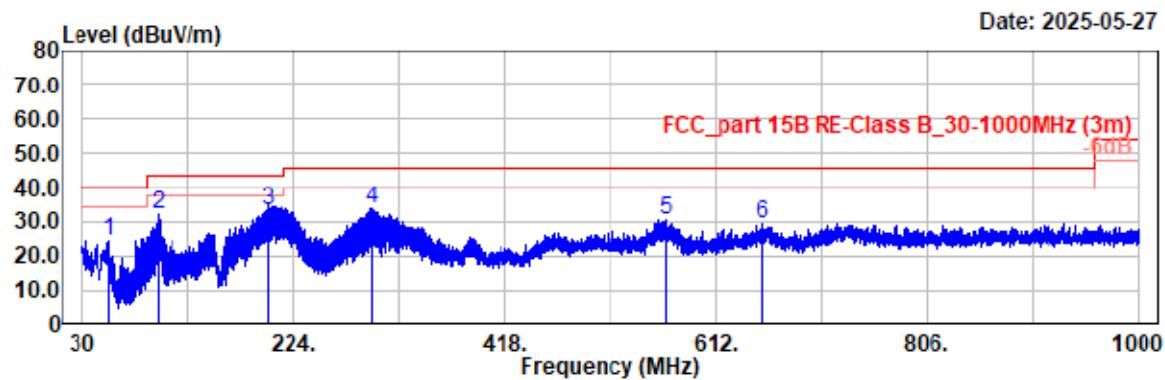


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.39	25.85	-5.70	20.15	40.00	19.85	Horizontal	Peak
102.56	34.68	-14.15	20.53	43.50	22.97	Horizontal	Peak
215.56	42.08	-12.69	29.39	43.50	14.11	Horizontal	Peak
233.99	42.65	-12.06	30.59	46.00	15.41	Horizontal	Peak
294.52	44.42	-9.30	35.12	46.00	10.88	Horizontal	QP
734.51	31.76	0.28	32.04	46.00	13.96	Horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 1(400-470MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

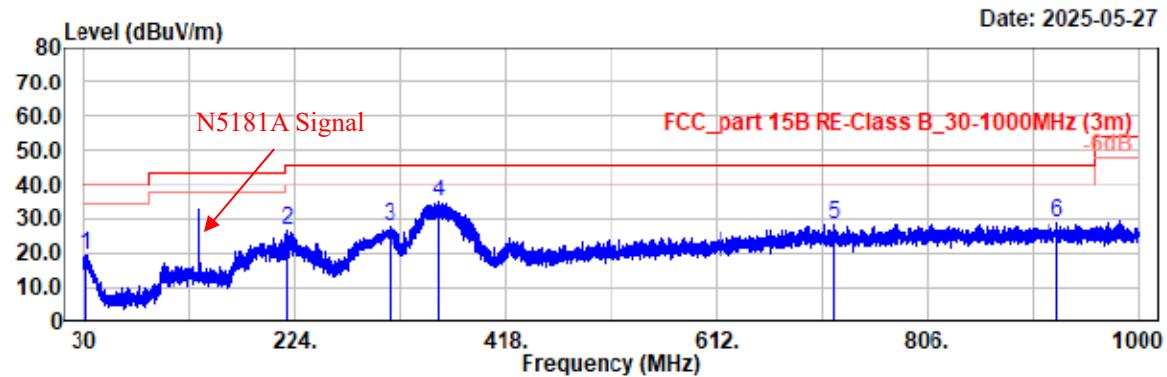


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
54.64	42.19	-17.81	24.38	40.00	15.62	Vertical	Peak
98.77	47.14	-15.34	31.80	43.50	11.70	Vertical	Peak
200.24	44.77	-11.73	33.04	43.50	10.46	Vertical	QP
295.30	43.11	-9.29	33.82	46.00	12.18	Vertical	Peak
566.70	32.74	-2.46	30.28	46.00	15.72	Vertical	Peak
654.58	30.16	-0.98	29.18	46.00	16.82	Vertical	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 2(136.0125MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

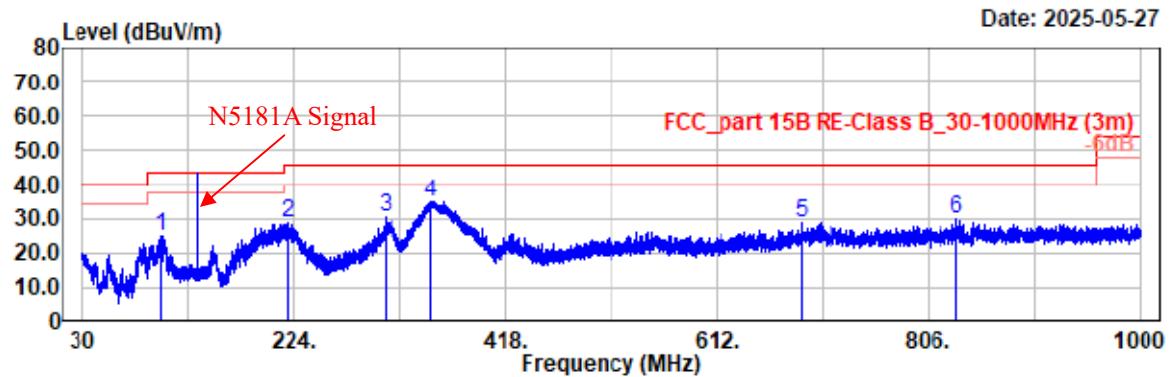


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
32.23	25.94	-6.53	19.41	40.00	20.59	Horizontal	Peak
217.40	39.32	-12.67	26.65	46.00	19.35	Horizontal	Peak
310.72	36.37	-9.00	27.37	46.00	18.63	Horizontal	Peak
356.21	42.62	-7.92	34.70	46.00	11.30	Horizontal	Peak
721.03	28.29	0.05	28.34	46.00	17.66	Horizontal	Peak
925.70	25.63	2.84	28.47	46.00	17.53	Horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 2(136.0125MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

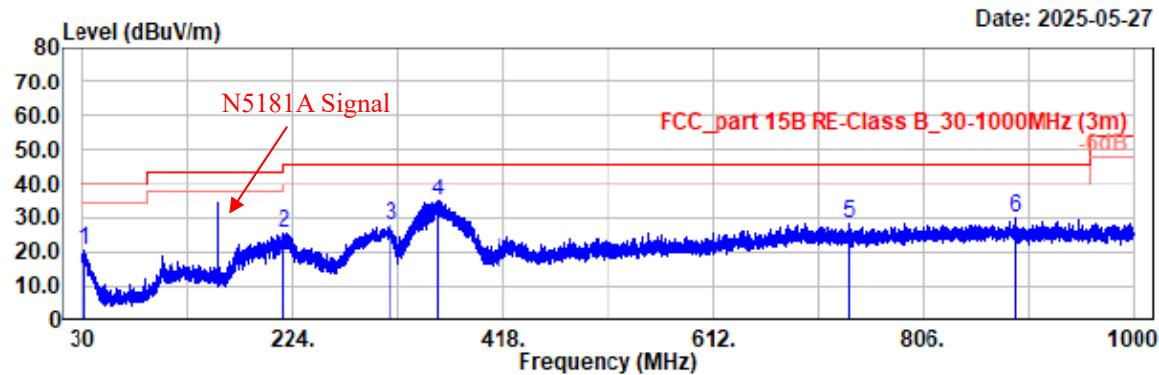


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
100.42	39.68	-14.80	24.88	43.50	18.62	Vertical	Peak
218.28	41.57	-12.67	28.90	46.00	17.10	Vertical	Peak
307.61	39.15	-9.08	30.07	46.00	15.93	Vertical	Peak
349.81	42.92	-8.02	34.90	46.00	11.10	Vertical	Peak
689.41	29.10	-0.45	28.65	46.00	17.35	Vertical	Peak
832.09	28.19	1.78	29.97	46.00	16.03	Vertical	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 2(155MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

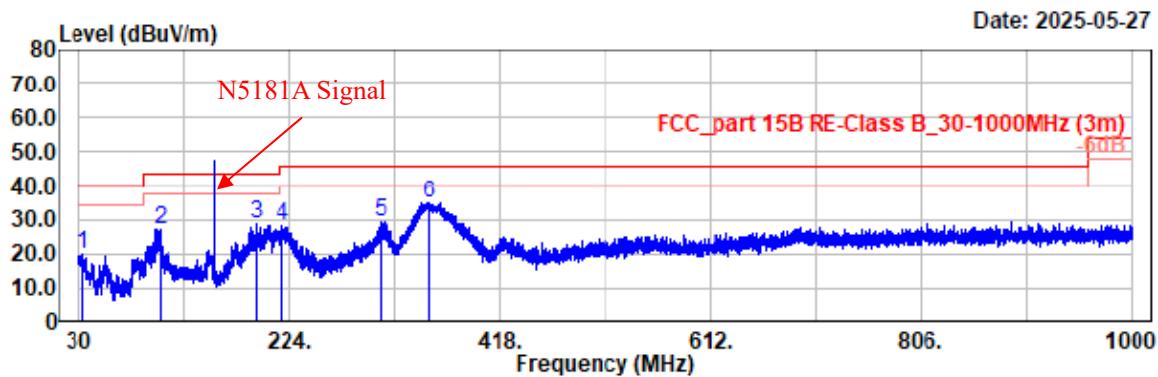


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
31.46	26.41	-6.10	20.31	40.00	19.69	Horizontal	Peak
215.46	38.19	-12.69	25.50	43.50	18.00	Horizontal	Peak
314.89	36.36	-8.89	27.47	46.00	18.53	Horizontal	Peak
357.38	42.41	-7.88	34.53	46.00	11.47	Horizontal	Peak
738.29	27.62	0.32	27.94	46.00	18.06	Horizontal	Peak
890.78	27.10	2.49	29.59	46.00	16.41	Horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 2(155MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

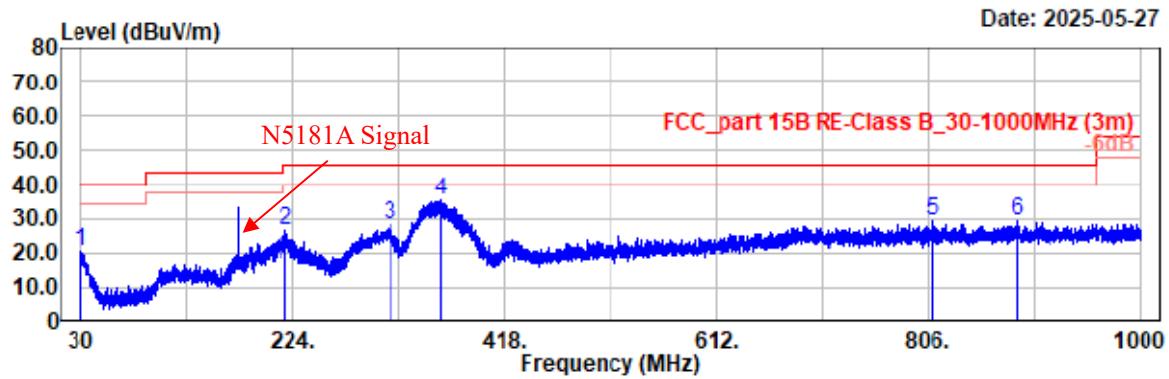


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
33.40	26.96	-7.17	19.79	40.00	20.21	Vertical	Peak
104.40	40.83	-13.60	27.23	43.50	16.27	Vertical	Peak
192.48	40.86	-12.17	28.69	43.50	14.81	Vertical	Peak
216.82	40.72	-12.68	28.04	46.00	17.96	Vertical	Peak
306.74	38.59	-9.10	29.49	46.00	16.51	Vertical	Peak
352.62	42.89	-7.99	34.90	46.00	11.10	Vertical	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 2(173.9875MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

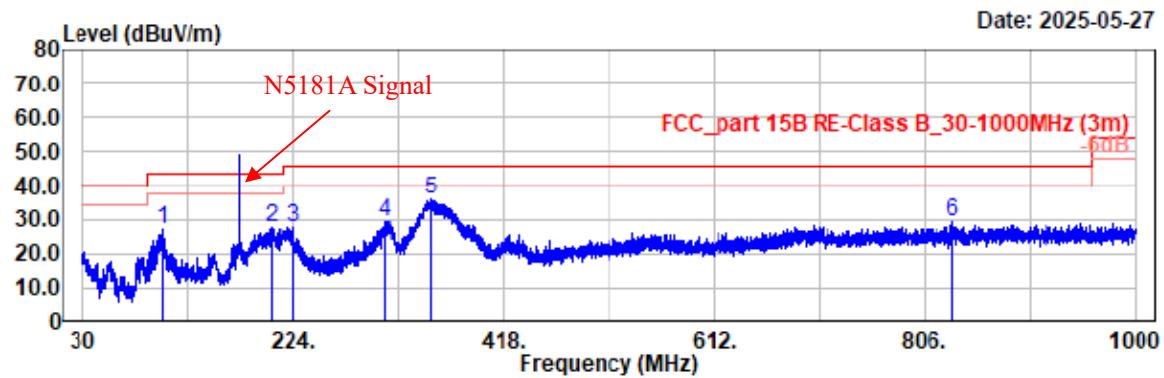


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.39	26.13	-5.70	20.43	40.00	19.57	Horizontal	Peak
217.31	39.30	-12.68	26.62	46.00	19.38	Horizontal	Peak
312.85	37.20	-8.94	28.26	46.00	17.74	Horizontal	Peak
359.22	42.95	-7.78	35.17	46.00	10.83	Horizontal	Peak
808.81	28.04	1.36	29.40	46.00	16.60	Horizontal	Peak
887.77	26.64	2.46	29.10	46.00	16.90	Horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 2(173.9875MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

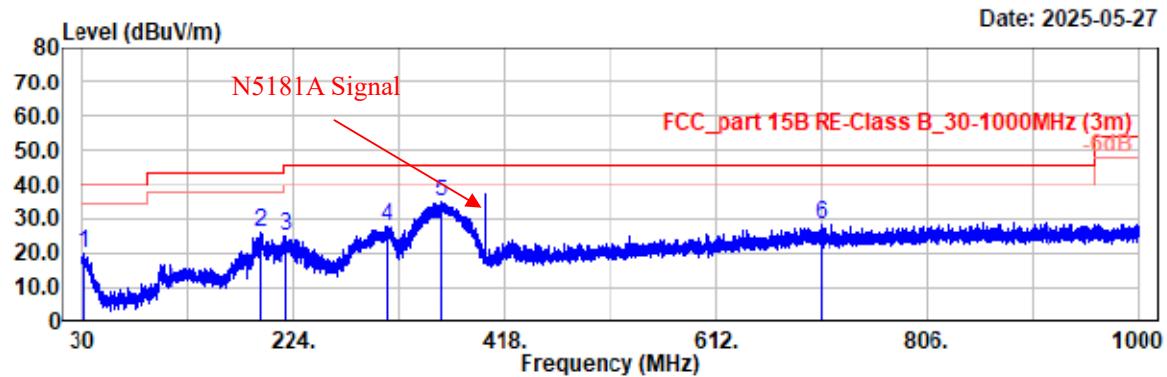


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
103.43	40.99	-13.88	27.11	43.50	16.39	Vertical	Peak
202.56	39.58	-11.90	27.68	43.50	15.82	Vertical	Peak
224.39	40.22	-12.52	27.70	46.00	18.30	Vertical	Peak
307.71	38.37	-9.08	29.29	46.00	16.71	Vertical	Peak
351.17	44.00	-8.00	36.00	46.00	10.00	Vertical	Peak
832.58	27.23	1.78	29.01	46.00	16.99	Vertical	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 2(400.0125MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

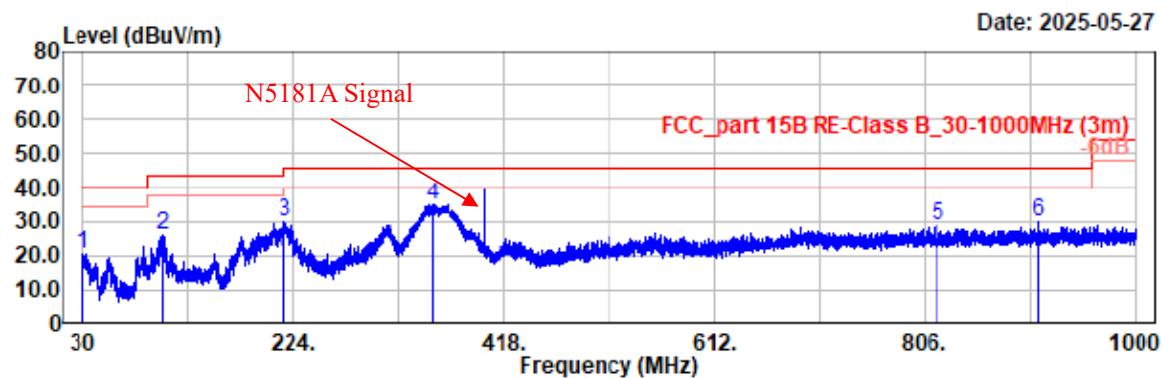


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.97	25.54	-5.84	19.70	40.00	20.30	Horizontal	Peak
192.67	37.99	-12.17	25.82	43.50	17.68	Horizontal	Peak
217.31	37.69	-12.68	25.01	46.00	20.99	Horizontal	Peak
309.94	36.59	-9.02	27.57	46.00	18.43	Horizontal	Peak
360.38	42.23	-7.73	34.50	46.00	11.50	Horizontal	Peak
708.61	28.52	-0.12	28.40	46.00	17.60	Horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 2(400.0125MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

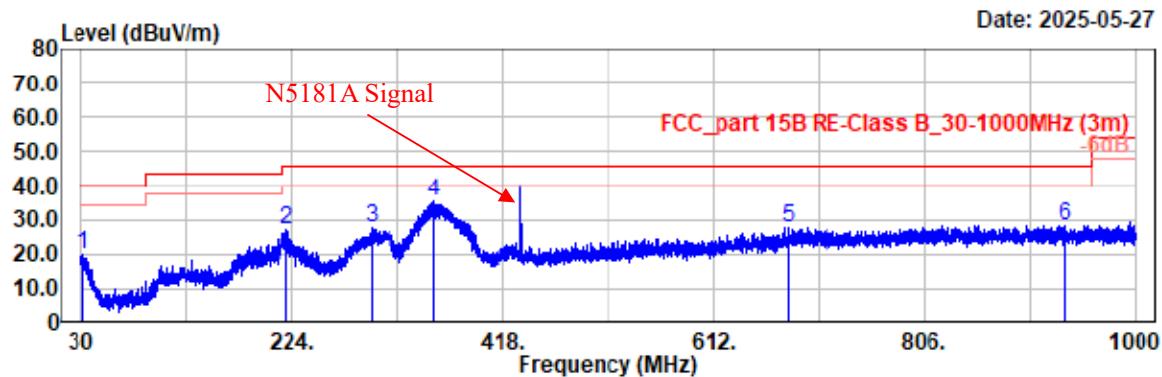


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.29	26.13	-5.68	20.45	40.00	19.55	Vertical	Peak
102.27	40.14	-14.26	25.88	43.50	17.62	Vertical	Peak
214.88	42.25	-12.69	29.56	43.50	13.94	Vertical	Peak
352.04	42.88	-8.00	34.88	46.00	11.12	Vertical	Peak
817.74	27.39	1.52	28.91	46.00	17.09	Vertical	Peak
910.76	27.31	2.68	29.99	46.00	16.01	Vertical	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 2(435MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

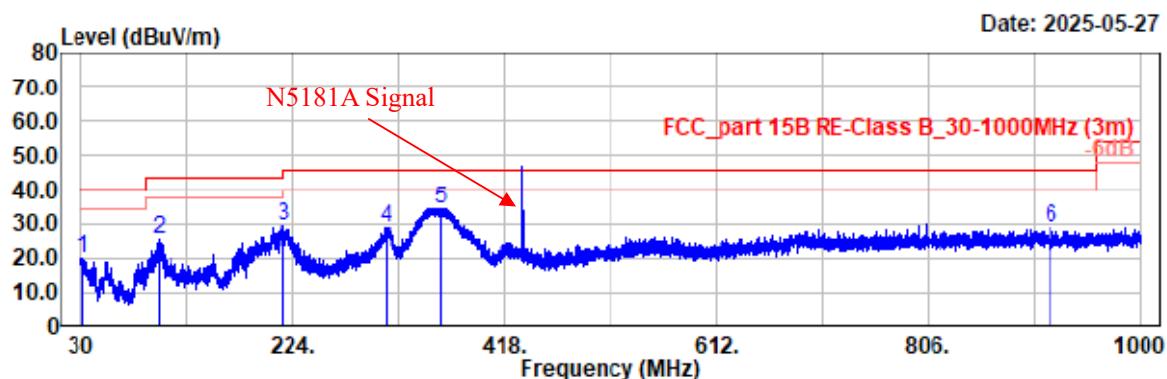


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
31.84	26.35	-6.32	20.03	40.00	19.97	Horizontal	Peak
218.57	39.72	-12.67	27.05	46.00	18.95	Horizontal	Peak
297.43	36.77	-9.23	27.54	46.00	18.46	Horizontal	Peak
353.98	43.21	-7.99	35.22	46.00	10.78	Horizontal	Peak
680.77	28.31	-0.66	27.65	46.00	18.35	Horizontal	Peak
936.27	25.23	3.05	28.28	46.00	17.72	Horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 2(435MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

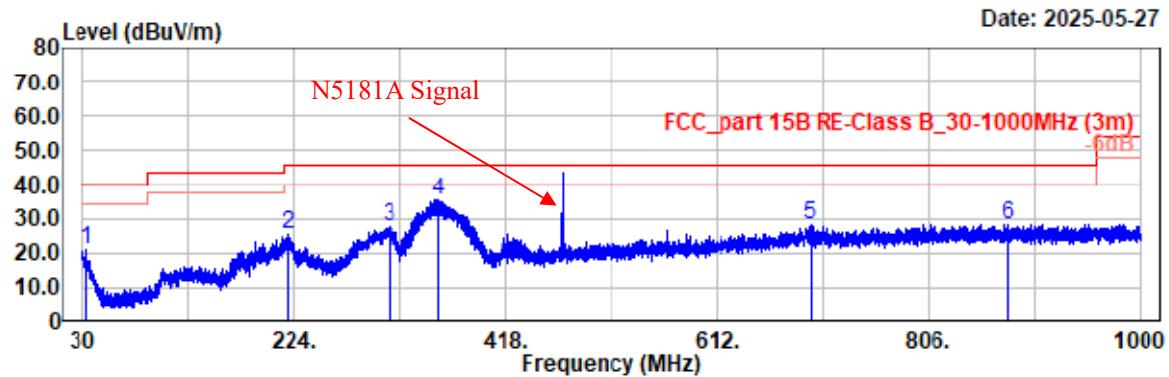


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
31.16	25.91	-5.94	19.97	40.00	20.03	Vertical	Peak
101.30	40.21	-14.58	25.63	43.50	17.87	Vertical	Peak
215.56	42.10	-12.69	29.41	43.50	14.09	Vertical	Peak
308.97	37.75	-9.04	28.71	46.00	17.29	Vertical	Peak
360.19	42.12	-7.74	34.38	46.00	11.62	Vertical	Peak
918.52	26.10	2.72	28.82	46.00	17.18	Vertical	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 2(469.9875MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

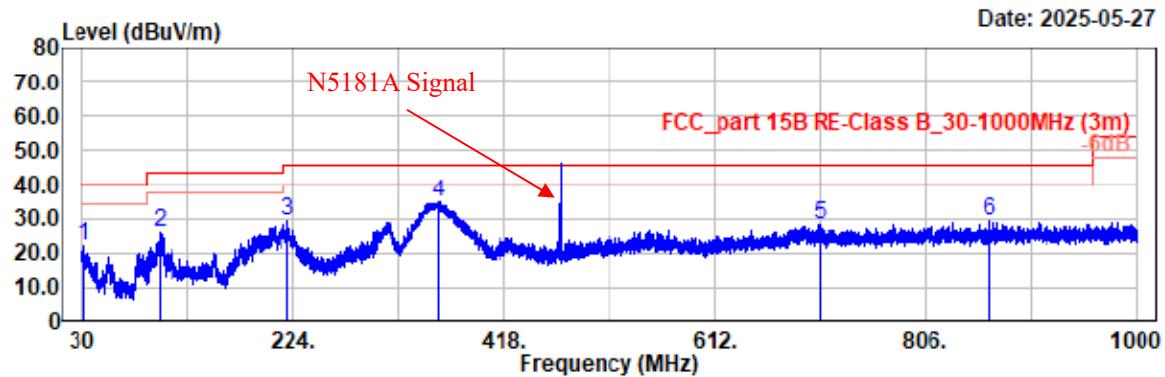


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
32.72	27.50	-6.79	20.71	40.00	19.29	Horizontal	Peak
218.86	38.26	-12.65	25.61	46.00	20.39	Horizontal	Peak
311.59	36.46	-8.98	27.48	46.00	18.52	Horizontal	Peak
355.63	43.35	-7.95	35.40	46.00	10.60	Horizontal	Peak
697.36	28.36	-0.43	27.93	46.00	18.07	Horizontal	Peak
878.94	25.83	2.33	28.16	46.00	17.84	Horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 2(469.9875MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

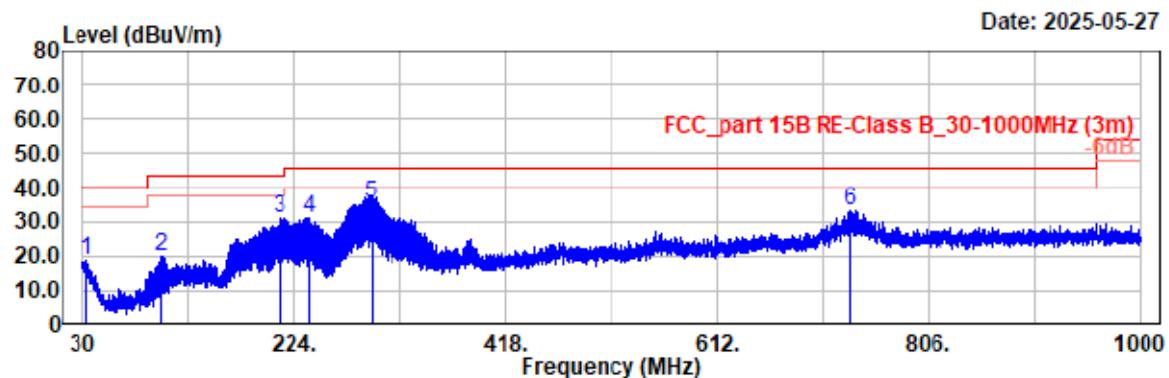


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.68	27.92	-5.77	22.15	40.00	17.85	Vertical	Peak
101.20	40.38	-14.62	25.76	43.50	17.74	Vertical	Peak
219.54	41.74	-12.65	29.09	46.00	16.91	Vertical	Peak
357.86	42.65	-7.85	34.80	46.00	11.20	Vertical	Peak
707.93	28.22	-0.13	28.09	46.00	17.91	Vertical	Peak
864.98	26.86	2.20	29.06	46.00	16.94	Vertical	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 3(136-174MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

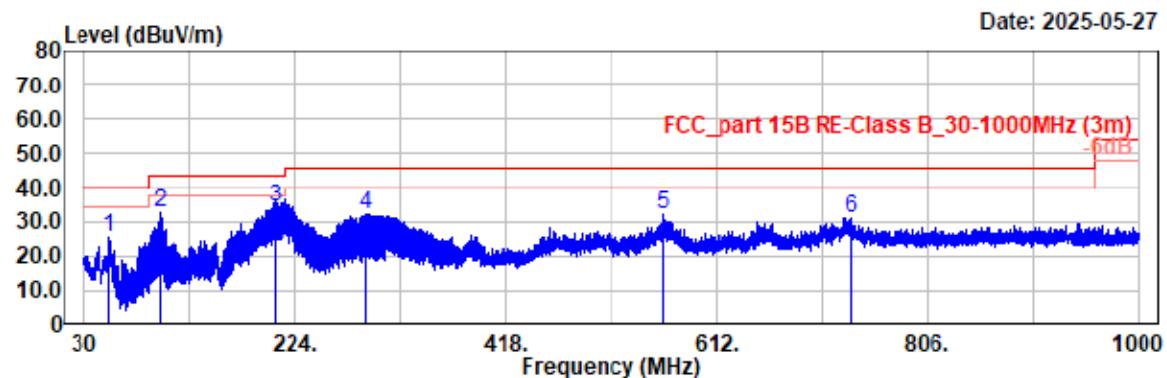


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
32.62	25.31	-6.73	18.58	40.00	21.42	Horizontal	Peak
100.71	34.75	-14.74	20.01	43.50	23.49	Horizontal	Peak
210.03	43.45	-12.63	30.82	43.50	12.68	Horizontal	Peak
237.87	42.92	-11.84	31.08	46.00	14.92	Horizontal	Peak
294.52	44.85	-9.30	35.55	46.00	10.45	Horizontal	QP
734.32	32.80	0.27	33.07	46.00	12.93	Horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 3(136-174MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

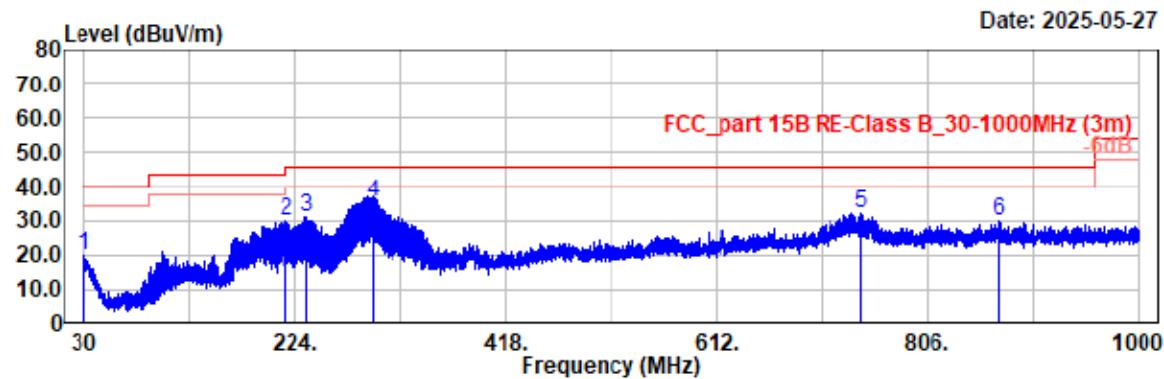


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
52.70	42.91	-17.72	25.19	40.00	14.81	Vertical	Peak
98.77	48.01	-15.34	32.67	43.50	10.83	Vertical	Peak
205.28	46.35	-12.10	34.25	43.50	9.25	Vertical	QP
288.70	41.42	-9.25	32.17	46.00	13.83	Vertical	Peak
563.31	34.27	-2.51	31.76	46.00	14.24	Vertical	Peak
735.87	30.65	0.31	30.96	46.00	15.04	Vertical	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 3(400-470MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7 °C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

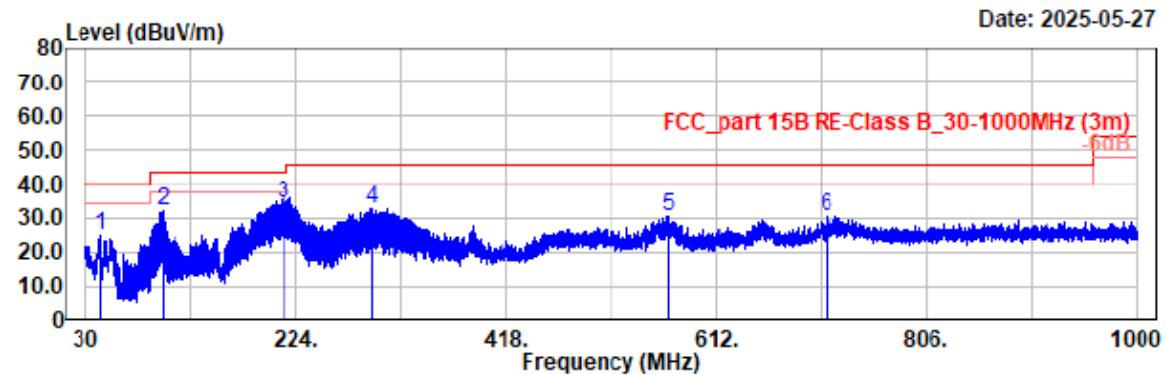


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.00	25.60	-5.60	20.00	40.00	20.00	Horizontal	Peak
214.88	42.41	-12.69	29.72	43.50	13.78	Horizontal	Peak
234.96	42.96	-12.03	30.93	46.00	15.07	Horizontal	Peak
295.39	44.87	-9.29	35.58	46.00	10.42	Horizontal	QP
744.70	31.55	0.43	31.98	46.00	14.02	Horizontal	Peak
871.09	27.38	2.15	29.53	46.00	16.47	Horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 3(400-470MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

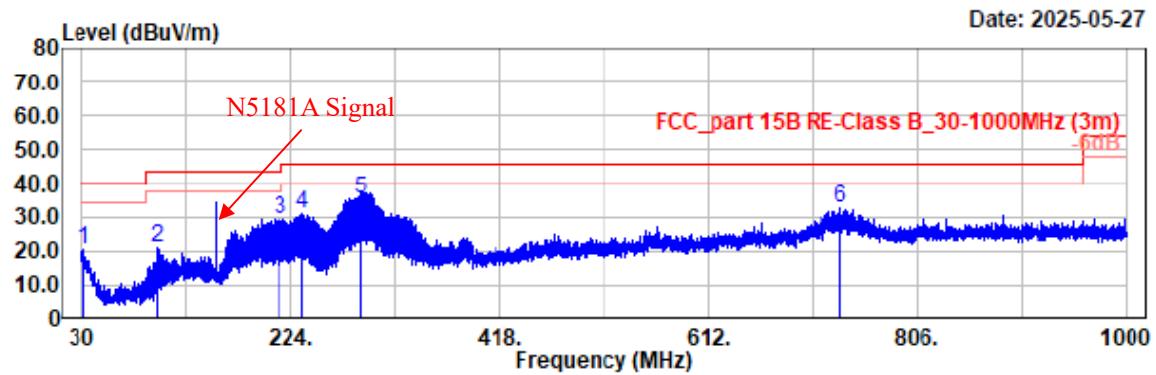


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
43.19	38.77	-14.03	24.74	40.00	15.26	Vertical	Peak
100.62	46.77	-14.76	32.01	43.50	11.49	Vertical	Peak
211.88	46.73	-12.65	34.08	43.50	9.42	Vertical	QP
293.65	41.84	-9.29	32.55	46.00	13.45	Vertical	Peak
568.06	33.00	-2.45	30.55	46.00	15.45	Vertical	Peak
714.24	30.24	-0.07	30.17	46.00	15.83	Vertical	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 4(136.0125MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

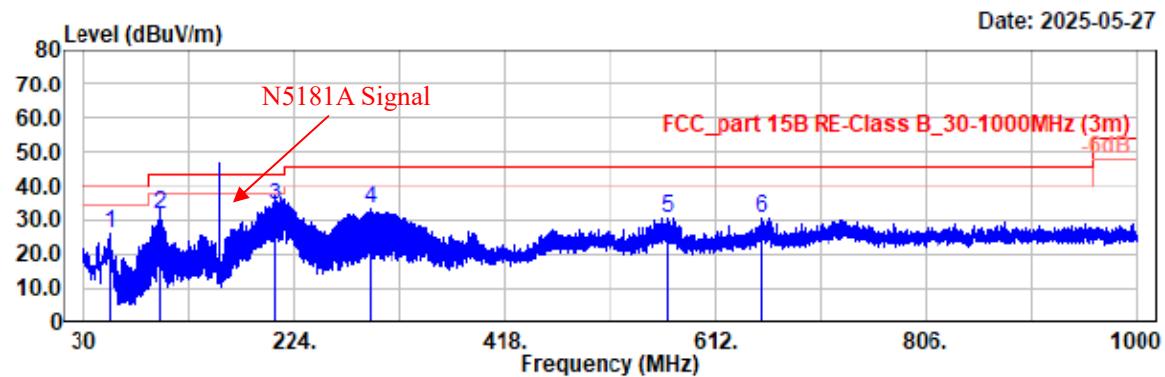


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
31.26	26.26	-6.00	20.26	40.00	19.74	Horizontal	Peak
99.74	35.68	-14.98	20.70	43.50	22.80	Horizontal	Peak
213.91	41.90	-12.68	29.22	43.50	14.28	Horizontal	Peak
235.06	42.85	-12.03	30.82	46.00	15.18	Horizontal	Peak
288.80	44.62	-9.24	35.38	46.00	10.62	Horizontal	QP
735.29	32.25	0.31	32.56	46.00	13.44	Horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 4(136.0125MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

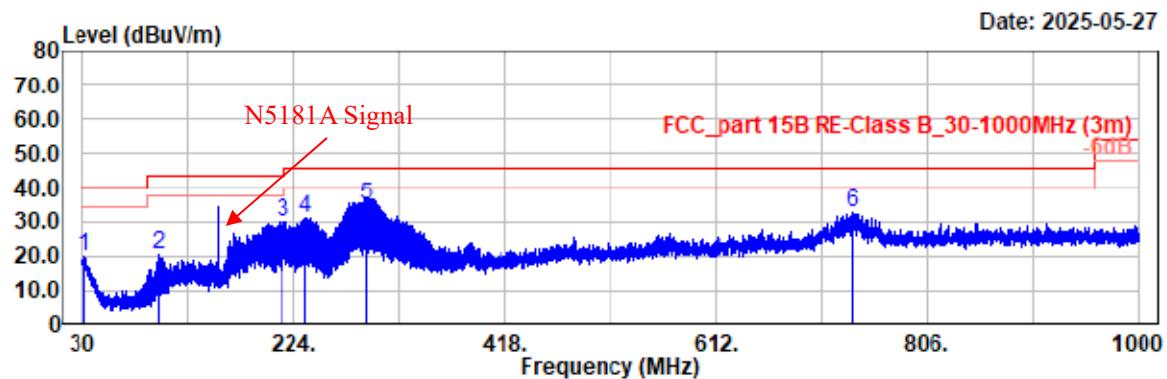


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
53.67	43.94	-17.79	26.15	40.00	13.85	Vertical	Peak
99.74	46.64	-14.98	31.66	43.50	11.84	Vertical	QP
205.28	46.47	-12.10	34.37	43.50	9.13	Vertical	QP
293.55	42.41	-9.29	33.12	46.00	12.88	Vertical	Peak
567.87	32.80	-2.45	30.35	46.00	15.65	Vertical	Peak
655.46	31.42	-0.97	30.45	46.00	15.55	Vertical	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 4(155MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

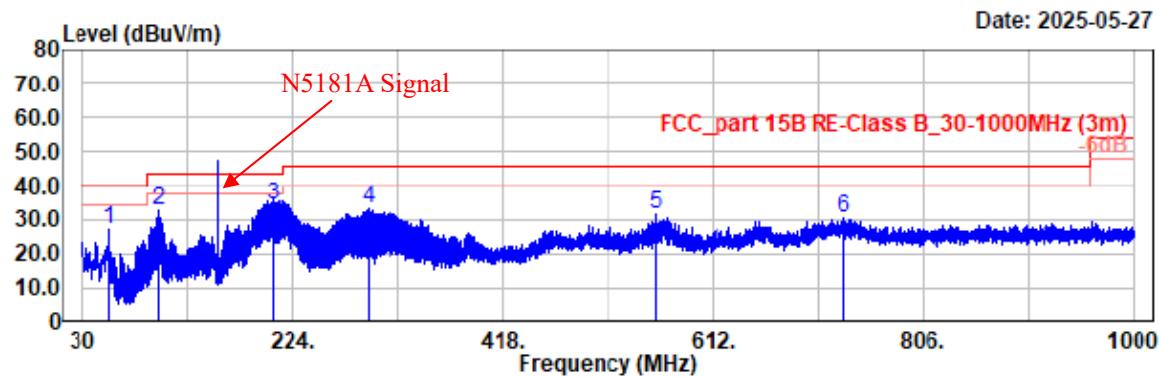


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
31.84	26.08	-6.32	19.76	40.00	20.24	Horizontal	Peak
99.74	35.19	-14.98	20.21	43.50	23.29	Horizontal	Peak
213.04	42.64	-12.67	29.97	43.50	13.53	Horizontal	Peak
234.09	42.97	-12.05	30.92	46.00	15.08	Horizontal	Peak
289.77	43.97	-9.24	34.73	46.00	11.27	Horizontal	QP
737.62	32.22	0.31	32.53	46.00	13.47	Horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 4(155MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

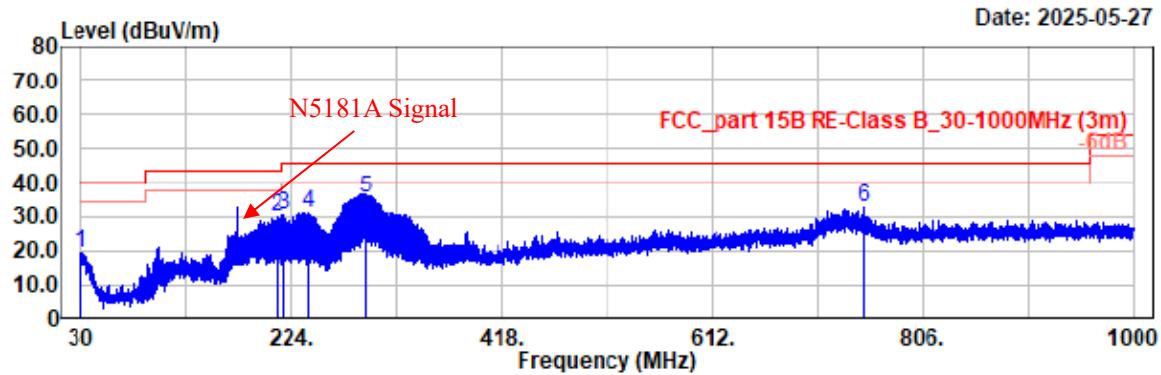


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
53.67	45.07	-17.79	27.28	40.00	12.72	Vertical	Peak
99.84	47.57	-14.94	32.63	43.50	10.87	Vertical	Peak
204.31	46.35	-12.02	34.33	43.50	9.17	Vertical	QP
293.55	42.22	-9.29	32.93	46.00	13.07	Vertical	Peak
559.52	33.92	-2.60	31.32	46.00	14.68	Vertical	Peak
732.96	30.09	0.22	30.31	46.00	15.69	Vertical	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 4(173.9875MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

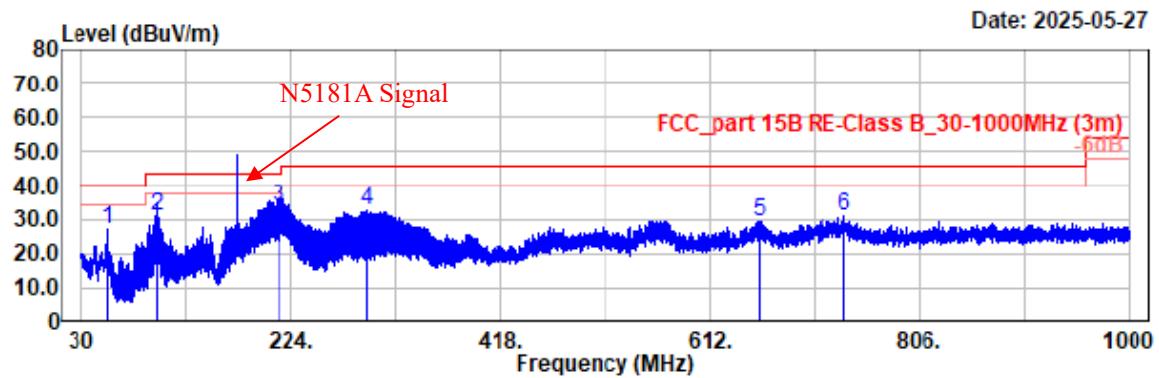


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.49	25.14	-5.73	19.41	40.00	20.59	Horizontal	Peak
211.00	42.60	-12.64	29.96	43.50	13.54	Horizontal	Peak
217.89	43.25	-12.67	30.58	46.00	15.42	Horizontal	Peak
239.91	42.60	-11.70	30.90	46.00	15.10	Horizontal	Peak
292.58	44.55	-9.27	35.28	46.00	10.72	Horizontal	QP
751.49	32.24	0.53	32.77	46.00	13.23	Horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 4(173.9875MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

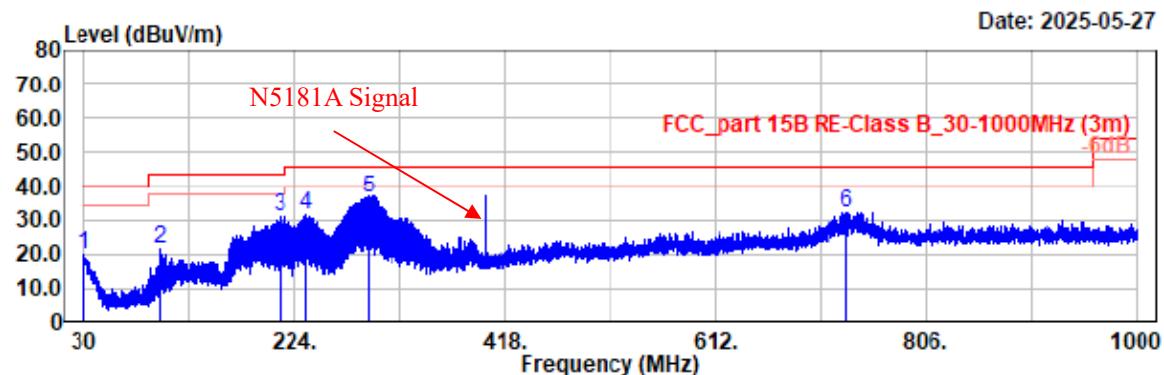


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
53.67	45.05	-17.79	27.26	40.00	12.74	Vertical	Peak
99.74	46.12	-14.98	31.14	43.50	12.36	Vertical	QP
211.97	46.14	-12.65	33.49	43.50	10.01	Vertical	QP
293.65	42.03	-9.29	32.74	46.00	13.26	Vertical	Peak
658.17	30.41	-0.91	29.50	46.00	16.50	Vertical	Peak
735.77	30.36	0.31	30.67	46.00	15.33	Vertical	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 4(400.0125MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

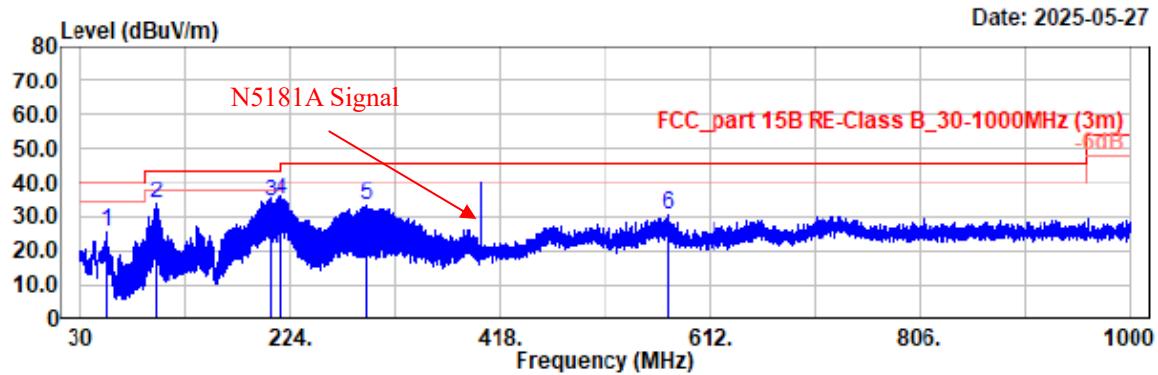


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.29	25.58	-5.68	19.90	40.00	20.10	Horizontal	Peak
99.74	36.58	-14.98	21.60	43.50	21.90	Horizontal	Peak
211.10	43.69	-12.64	31.05	43.50	12.45	Horizontal	Peak
235.06	43.42	-12.03	31.39	46.00	14.61	Horizontal	Peak
292.58	45.48	-9.27	36.21	46.00	9.79	Horizontal	QP
732.77	32.04	0.21	32.25	46.00	13.75	Horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 4(400.0125MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

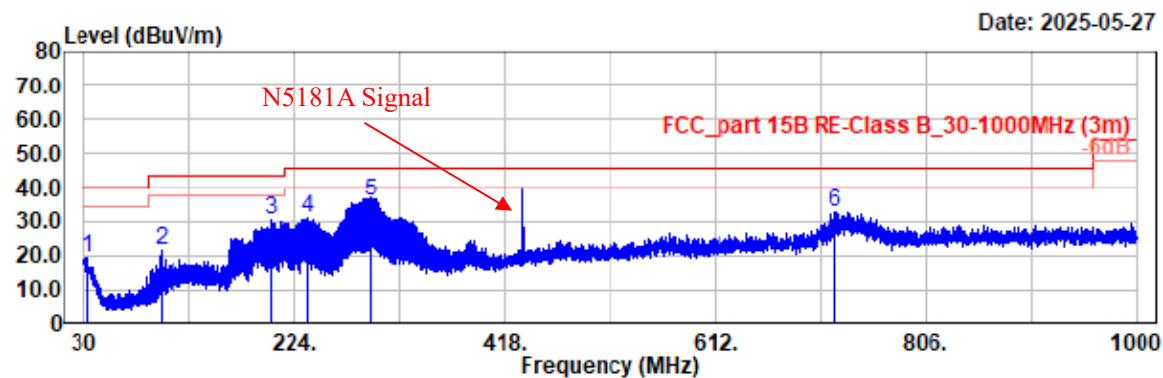


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
53.67	43.34	-17.79	25.55	40.00	14.45	Vertical	Peak
99.74	48.48	-14.98	33.50	43.50	10.00	Vertical	Peak
205.18	46.32	-12.09	34.23	43.50	9.27	Vertical	QP
214.88	47.27	-12.69	34.58	43.50	8.92	Vertical	QP
293.55	42.15	-9.29	32.86	46.00	13.14	Vertical	Peak
573.69	33.09	-2.50	30.59	46.00	15.41	Vertical	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 4(435MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7 °C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

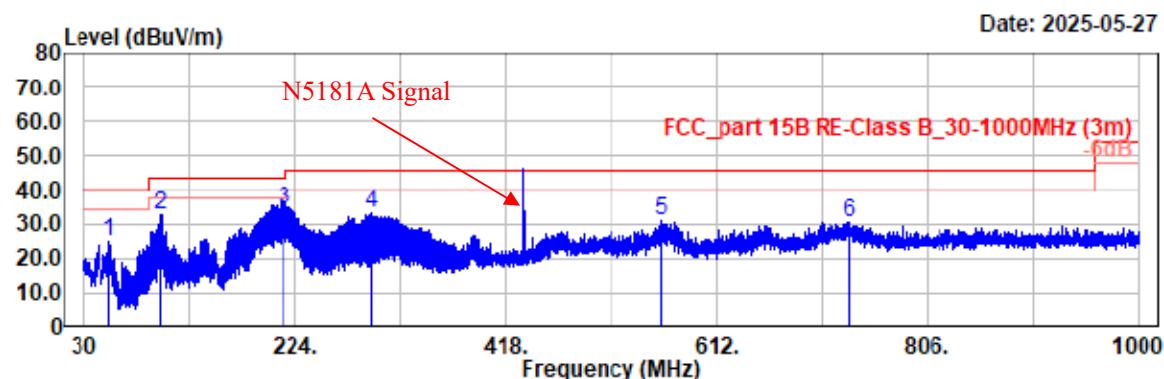


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
32.43	26.08	-6.63	19.45	40.00	20.55	Horizontal	Peak
100.71	36.08	-14.74	21.34	43.50	22.16	Horizontal	Peak
202.37	41.95	-11.88	30.07	43.50	13.43	Horizontal	Peak
236.90	42.66	-11.90	30.76	46.00	15.24	Horizontal	Peak
293.54	45.33	-9.29	36.04	46.00	9.96	Horizontal	QP
722.19	32.51	0.05	32.56	46.00	13.44	Horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 4(435MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

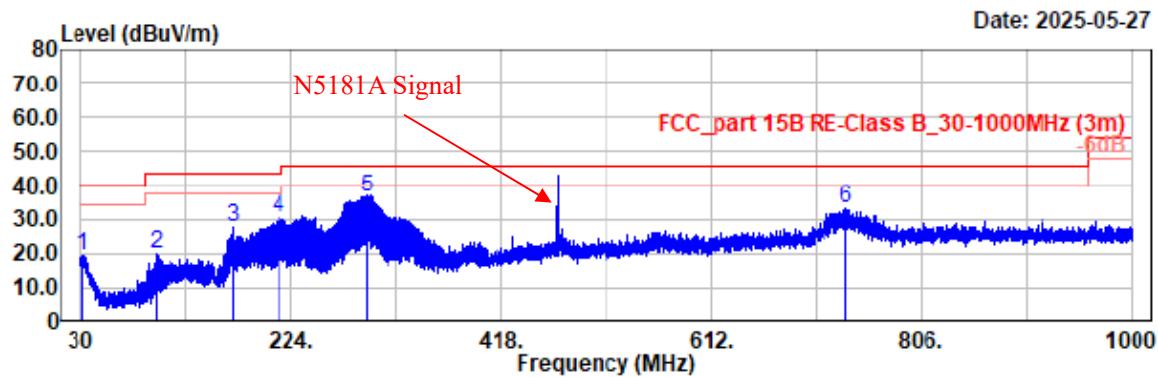


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
52.70	42.70	-17.72	24.98	40.00	15.02	Vertical	Peak
99.74	47.70	-14.98	32.72	43.50	10.78	Vertical	Peak
213.86	46.69	-12.68	34.01	43.50	9.49	Vertical	QP
293.55	42.27	-9.29	32.98	46.00	13.02	Vertical	Peak
560.40	33.50	-2.59	30.91	46.00	15.09	Vertical	Peak
734.32	30.02	0.27	30.29	46.00	15.71	Vertical	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 4(469.9875MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

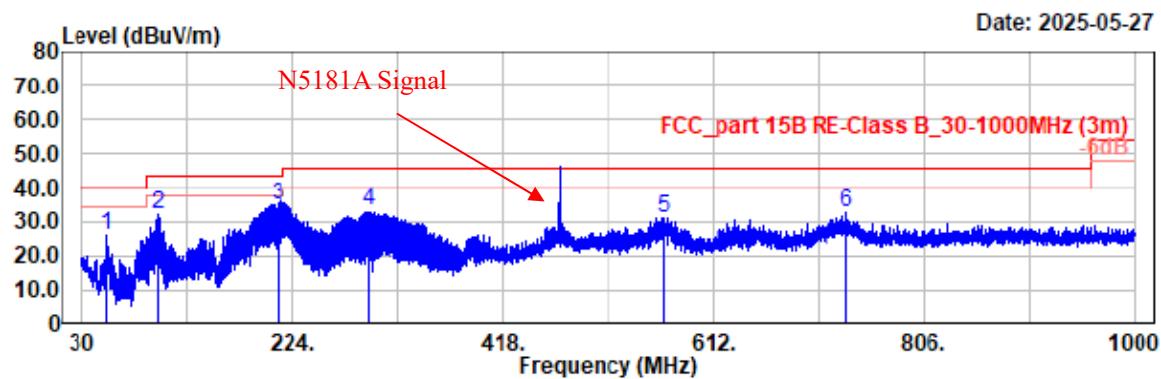


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.87	25.16	-5.82	19.34	40.00	20.66	Horizontal	Peak
99.74	34.63	-14.98	19.65	43.50	23.85	Horizontal	Peak
170.65	39.35	-11.92	27.43	43.50	16.07	Horizontal	Peak
211.88	42.81	-12.65	30.16	43.50	13.34	Horizontal	Peak
293.56	45.64	-9.29	36.35	46.00	9.65	Horizontal	QP
735.68	32.58	0.31	32.89	46.00	13.11	Horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 4(469.9875MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)



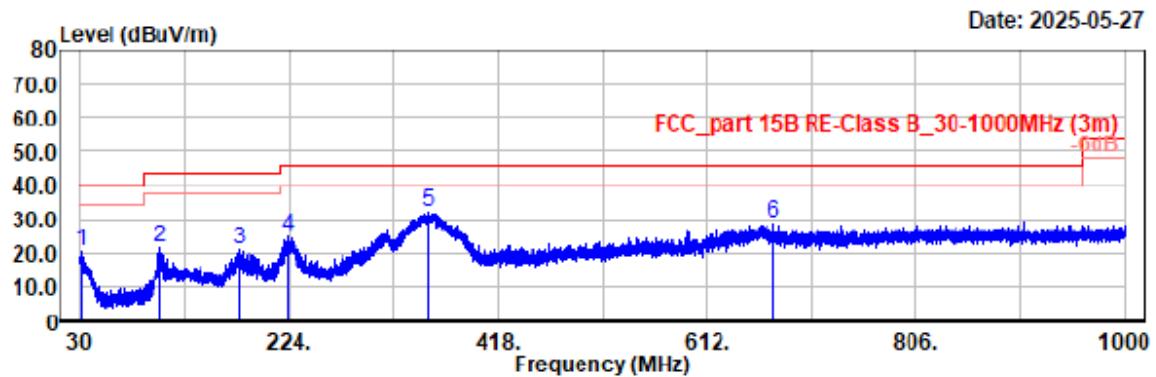
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
52.70	43.83	-17.72	26.11	40.00	13.89	Vertical	Peak
99.74	47.15	-14.98	32.17	43.50	11.33	Vertical	Peak
211.01	47.16	-12.64	34.52	43.50	8.98	Vertical	QP
293.36	42.12	-9.29	32.83	46.00	13.17	Vertical	Peak
566.22	33.55	-2.46	31.09	46.00	14.91	Vertical	Peak
734.61	32.00	0.28	32.28	46.00	13.72	Vertical	Peak

**Test Model: R-4900(Worst case)**

Project No.: 2507T07867E-EM  
Test Mode: Mode 1(136-174MHz)  
EUT Model: R-4900  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

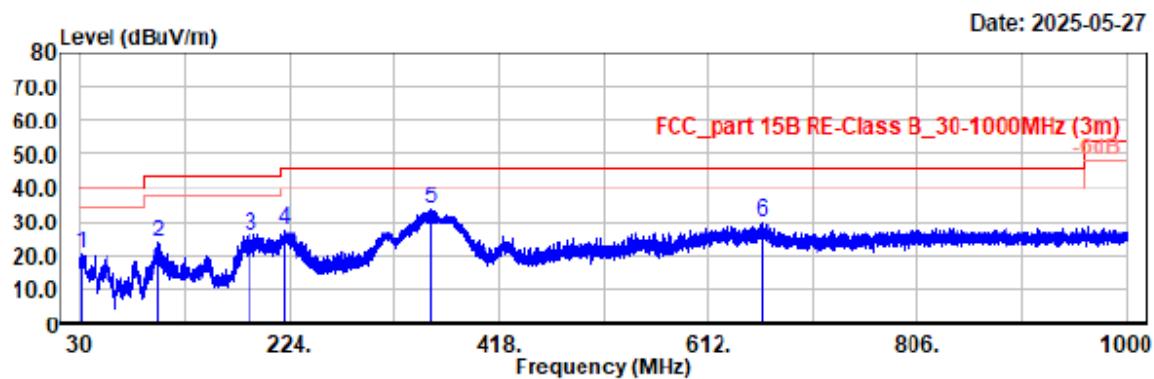


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.68	26.19	-5.77	20.42	40.00	19.58	Horizontal	Peak
103.62	35.23	-13.85	21.38	43.50	22.12	Horizontal	Peak
176.76	33.06	-12.18	20.88	43.50	22.62	Horizontal	Peak
222.25	37.41	-12.58	24.83	46.00	21.17	Horizontal	Peak
352.82	39.90	-7.99	31.91	46.00	14.09	Horizontal	Peak
673.89	29.30	-0.61	28.69	46.00	17.31	Horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 1(136-174MHz)  
EUT Model: R-4900  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

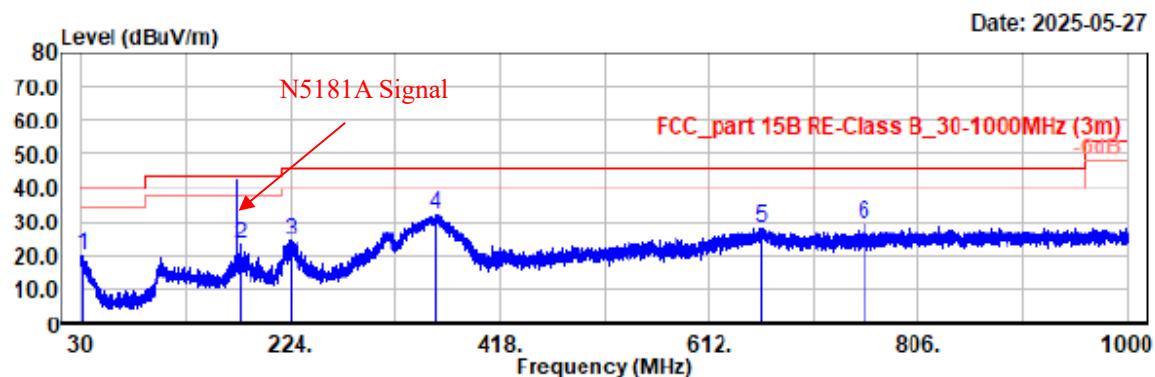


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
31.07	26.42	-5.89	20.53	40.00	19.47	Vertical	Peak
102.65	38.01	-14.11	23.90	43.50	19.60	Vertical	Peak
187.72	38.20	-12.39	25.81	43.50	17.69	Vertical	Peak
218.76	40.31	-12.65	27.66	46.00	18.34	Vertical	Peak
354.76	41.75	-7.98	33.77	46.00	12.23	Vertical	Peak
661.47	30.60	-0.83	29.77	46.00	16.23	Vertical	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 2(173.9875MHz)  
EUT Model: R-4900  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

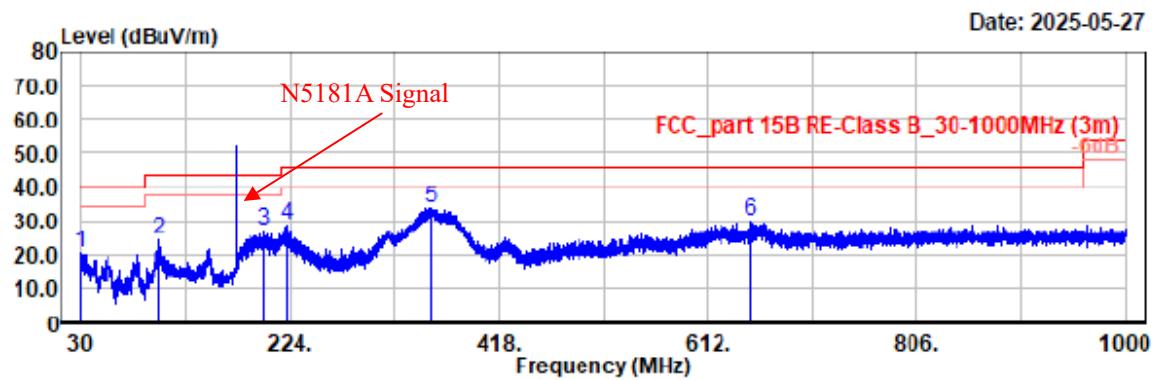


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.97	25.77	-5.84	19.93	40.00	20.07	Horizontal	Peak
176.76	35.11	-12.18	22.93	43.50	20.57	Horizontal	Peak
223.90	36.96	-12.54	24.42	46.00	21.58	Horizontal	Peak
357.57	39.89	-7.86	32.03	46.00	13.97	Horizontal	Peak
659.34	28.95	-0.88	28.07	46.00	17.93	Horizontal	Peak
755.75	28.90	0.49	29.39	46.00	16.61	Horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 2(173.9875MHz)  
EUT Model: R-4900  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

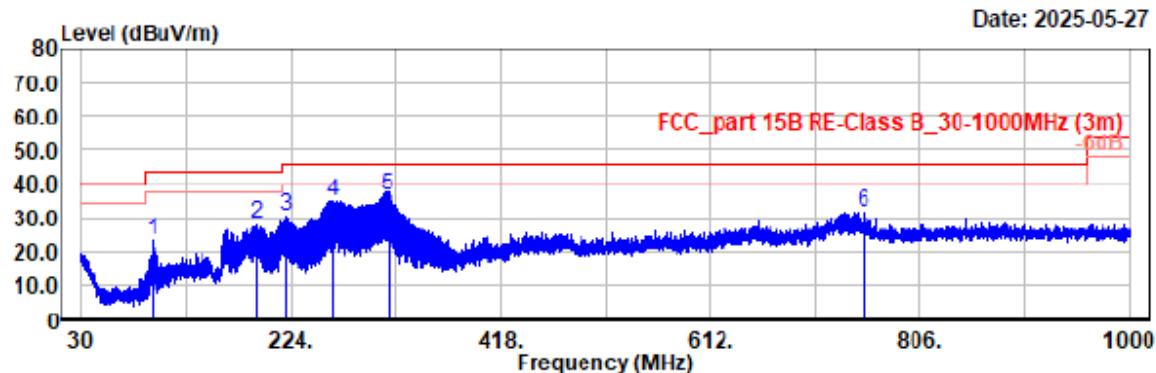


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.10	25.95	-5.63	20.32	40.00	19.68	Vertical	Peak
103.14	38.10	-13.94	24.16	43.50	19.34	Vertical	Peak
200.53	38.75	-11.75	27.00	43.50	16.50	Vertical	Peak
219.93	41.19	-12.65	28.54	46.00	17.46	Vertical	Peak
354.17	41.87	-7.98	33.89	46.00	12.11	Vertical	Peak
651.87	30.49	-0.93	29.56	46.00	16.44	Vertical	Peak

Project No.: 2507T39459E-EM  
Test Mode: Mode 3(136-174MHz)  
EUT Model: R-4900  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

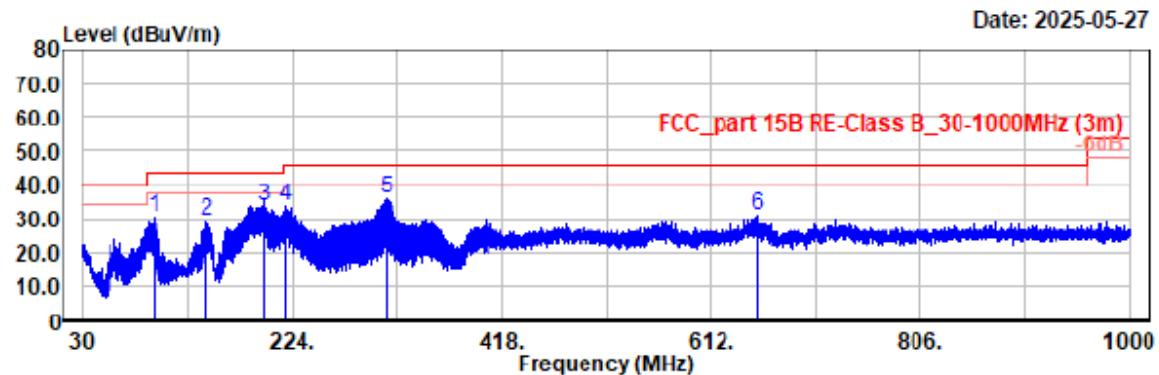


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
95.86	39.55	-16.15	23.40	43.50	20.10	Horizontal	Peak
193.74	40.13	-12.10	28.03	43.50	15.47	Horizontal	Peak
218.67	42.82	-12.67	30.15	46.00	15.85	Horizontal	Peak
261.93	45.53	-10.76	34.77	46.00	11.23	Horizontal	Peak
313.63	45.50	-8.93	36.57	46.00	9.43	Horizontal	QP
754.11	31.21	0.49	31.70	46.00	14.30	Horizontal	Peak

Project No.: 2507T39459E-EM  
Test Mode: Mode 3(136-174MHz)  
EUT Model: R-4900  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

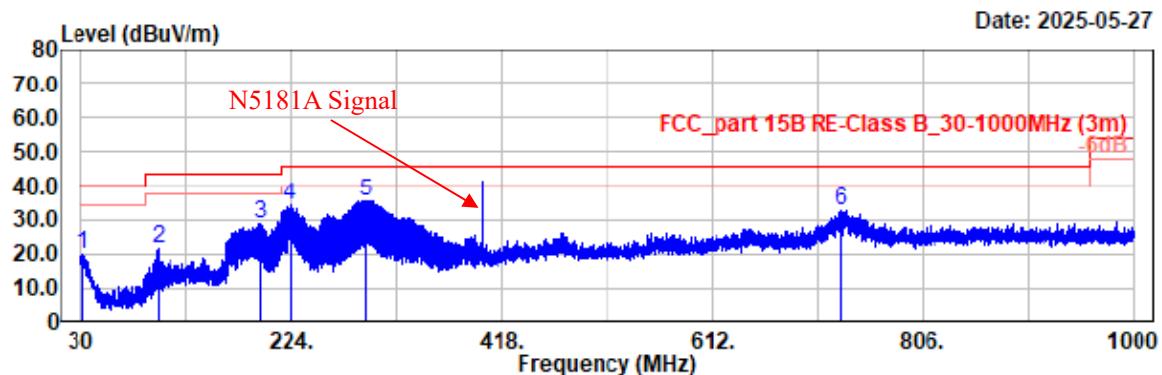


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
94.89	46.83	-16.36	30.47	43.50	13.03	Vertical	Peak
144.85	40.08	-10.97	29.11	43.50	14.39	Vertical	Peak
197.52	45.65	-11.73	33.92	43.50	9.58	Vertical	QP
217.70	46.05	-12.67	33.38	46.00	12.62	Vertical	Peak
311.69	44.73	-8.98	35.75	46.00	10.25	Vertical	Peak
655.17	32.15	-0.98	31.17	46.00	14.83	Vertical	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 4(400.0125MHz)  
EUT Model: R-4900  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

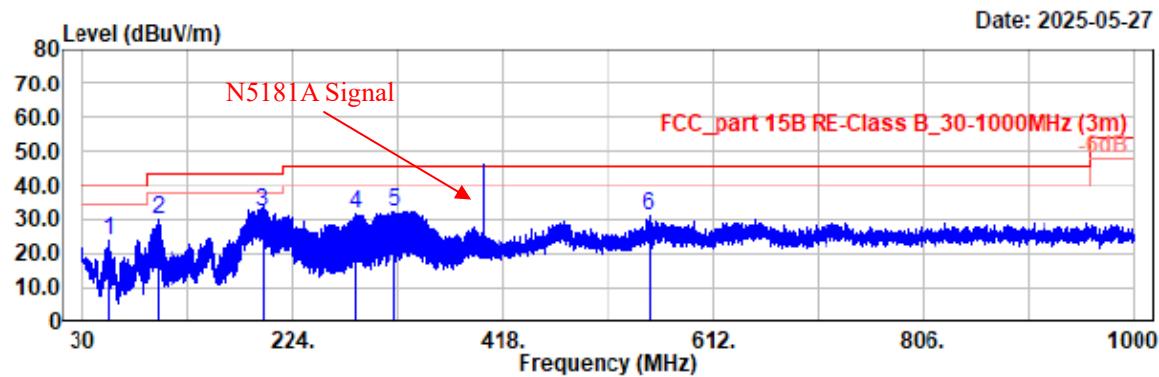


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
31.16	26.03	-5.94	20.09	40.00	19.91	Horizontal	Peak
100.62	36.35	-14.76	21.59	43.50	21.91	Horizontal	Peak
194.61	40.85	-12.00	28.85	43.50	14.65	Horizontal	Peak
223.32	47.01	-12.55	34.46	46.00	11.54	Horizontal	Peak
292.39	44.66	-9.27	35.39	46.00	10.61	Horizontal	Peak
731.60	32.19	0.15	32.34	46.00	13.66	Horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 4(400.0125MHz)  
EUT Model: R-4900  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)



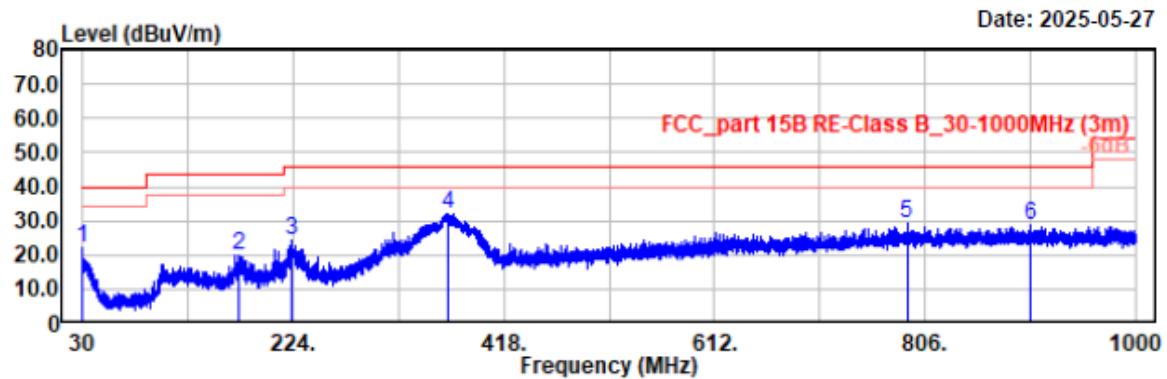
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
53.67	41.49	-17.79	23.70	40.00	16.30	Vertical	Peak
98.68	45.20	-15.35	29.85	43.50	13.65	Vertical	Peak
195.58	44.15	-11.95	32.20	43.50	11.30	Vertical	Peak
280.94	40.78	-9.30	31.48	46.00	14.52	Vertical	Peak
318.38	41.04	-8.80	32.24	46.00	13.76	Vertical	Peak
553.22	33.61	-2.67	30.94	46.00	15.06	Vertical	Peak

**Test Model: R-4900Pro(Woret case)**

Project No.: 2507T07867E-EM  
Test Mode: Mode 1(136-174MHz)  
EUT Model: R-4900Pro  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

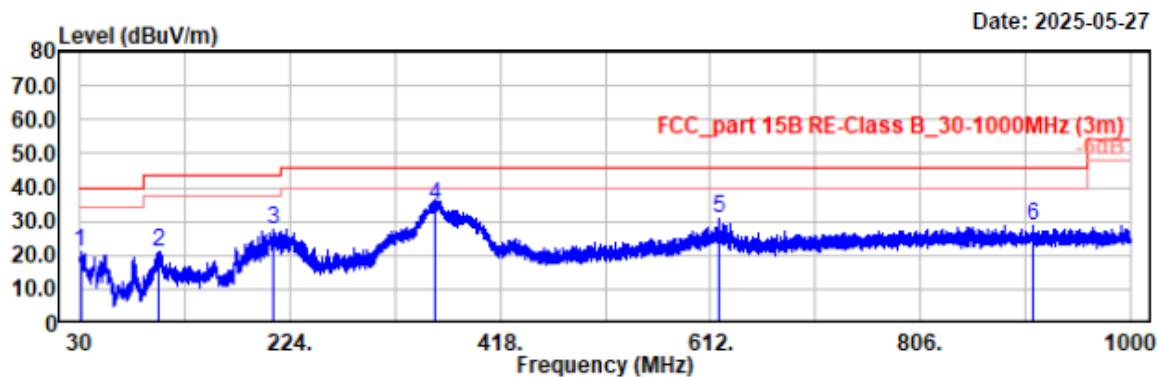


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.10	27.64	-5.63	22.01	40.00	17.99	Horizontal	Peak
174.34	32.06	-12.13	19.93	43.50	23.57	Horizontal	Peak
221.96	36.85	-12.59	24.26	46.00	21.74	Horizontal	Peak
366.88	39.58	-7.46	32.12	46.00	13.88	Horizontal	Peak
789.41	28.13	1.11	29.24	46.00	16.76	Horizontal	Peak
902.32	26.27	2.55	28.82	46.00	17.18	Horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 1(136-174MHz)  
EUT Model: R-4900Pro  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

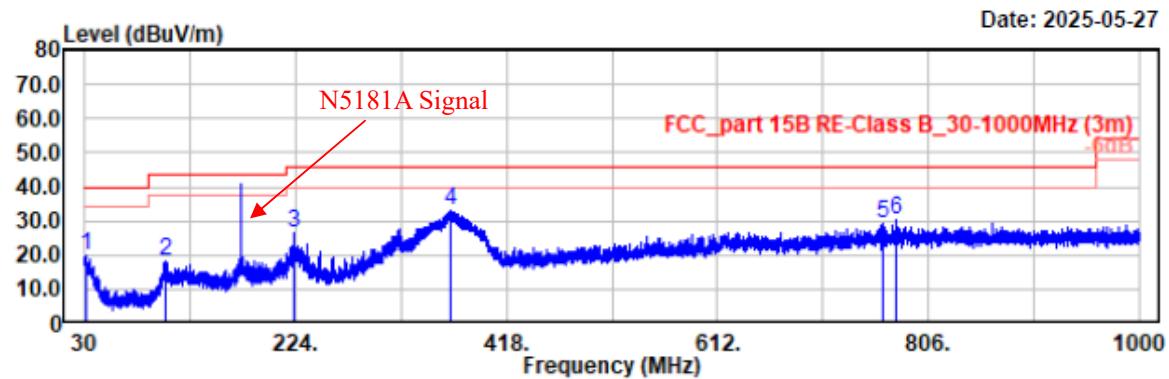


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.58	26.84	-5.74	21.10	40.00	18.90	Vertical	Peak
103.14	35.08	-13.94	21.14	43.50	22.36	Vertical	Peak
208.09	40.13	-12.41	27.72	43.50	15.78	Vertical	Peak
358.64	42.48	-7.81	34.67	46.00	11.33	Vertical	QP
619.37	32.78	-1.65	31.13	46.00	14.87	Vertical	Peak
909.69	25.87	2.66	28.53	46.00	17.47	Vertical	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 2(173.9875MHz)  
EUT Model: R-4900Pro  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

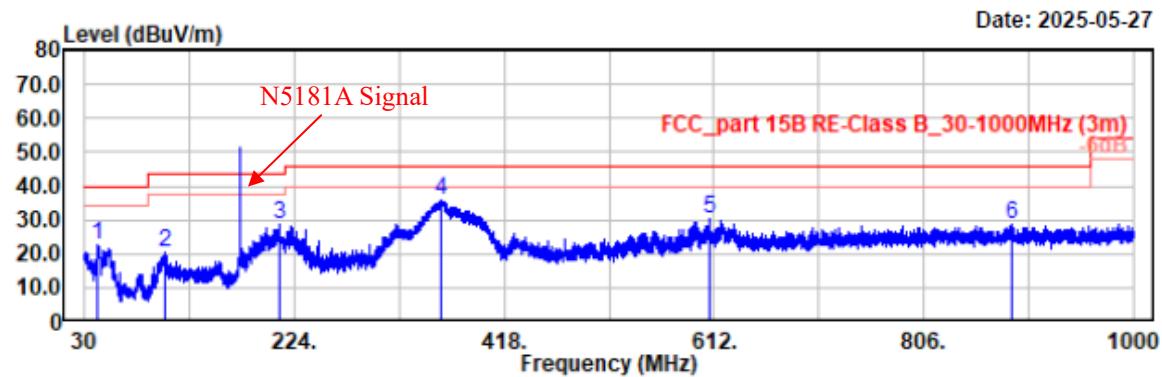


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
31.07	25.49	-5.89	19.60	40.00	20.40	Horizontal	Peak
104.79	31.45	-13.45	18.00	43.50	25.50	Horizontal	Peak
221.77	38.85	-12.59	26.26	46.00	19.74	Horizontal	Peak
366.11	40.31	-7.48	32.83	46.00	13.17	Horizontal	Peak
763.61	28.59	0.68	29.27	46.00	16.73	Horizontal	Peak
776.80	29.27	1.00	30.27	46.00	15.73	Horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 2(173.9875MHz)  
EUT Model: R-4900Pro  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

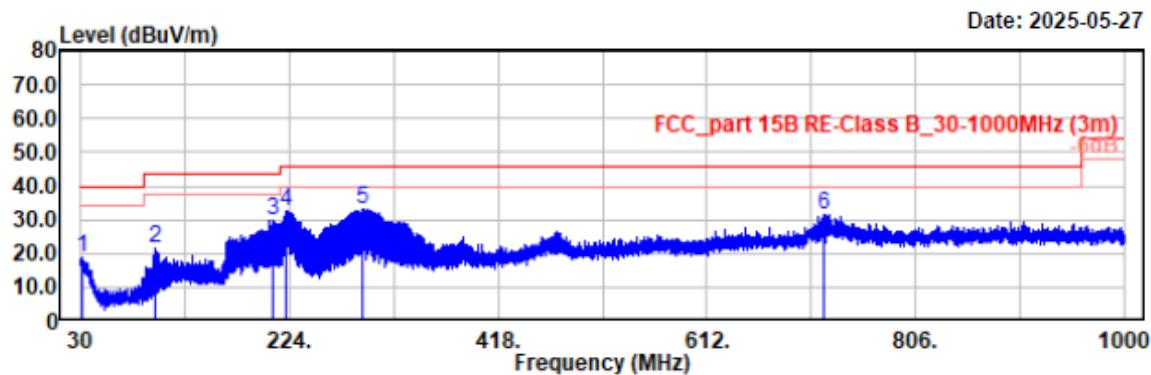


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
42.71	36.05	-13.67	22.38	40.00	17.62	Vertical	Peak
104.98	33.54	-13.37	20.17	43.50	23.33	Vertical	Peak
209.55	41.13	-12.58	28.55	43.50	14.95	Vertical	Peak
360.09	43.68	-7.75	35.93	46.00	10.07	Vertical	Peak
607.34	32.37	-2.18	30.19	46.00	15.81	Vertical	Peak
887.29	26.51	2.43	28.94	46.00	17.06	Vertical	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 3(136-174MHz)  
EUT Model: R-4900Pro  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

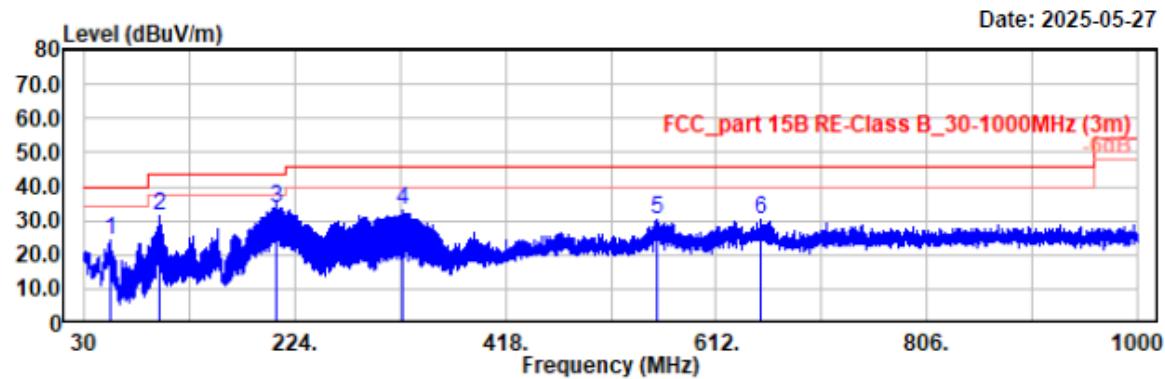


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
31.36	24.76	-6.04	18.72	40.00	21.28	Horizontal	Peak
99.65	36.34	-15.02	21.32	43.50	22.18	Horizontal	Peak
208.00	41.97	-12.40	29.57	43.50	13.93	Horizontal	Peak
221.48	44.94	-12.61	32.33	46.00	13.67	Horizontal	Peak
291.51	42.60	-9.26	33.34	46.00	12.66	Horizontal	Peak
720.25	31.66	0.05	31.71	46.00	14.29	Horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 3(136-174MHz)  
EUT Model: R-4900Pro  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

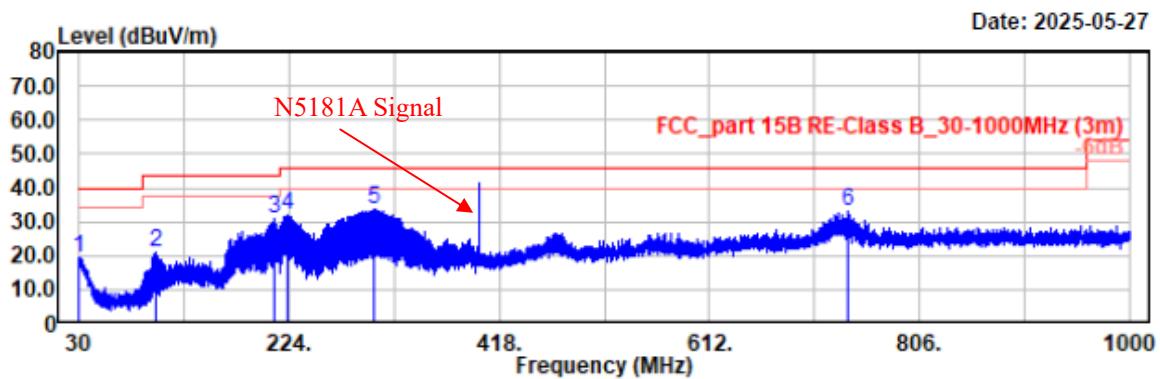


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
54.64	42.23	-17.81	24.42	40.00	15.58	Vertical	Peak
99.74	46.58	-14.98	31.60	43.50	11.90	Vertical	Peak
206.15	45.83	-12.21	33.62	43.50	9.88	Vertical	QP
323.13	41.55	-8.69	32.86	46.00	13.14	Vertical	Peak
558.07	32.77	-2.61	30.16	46.00	15.84	Vertical	Peak
653.32	31.21	-0.96	30.25	46.00	15.75	Vertical	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 4(400.0125MHz)  
EUT Model: R-4900Pro  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

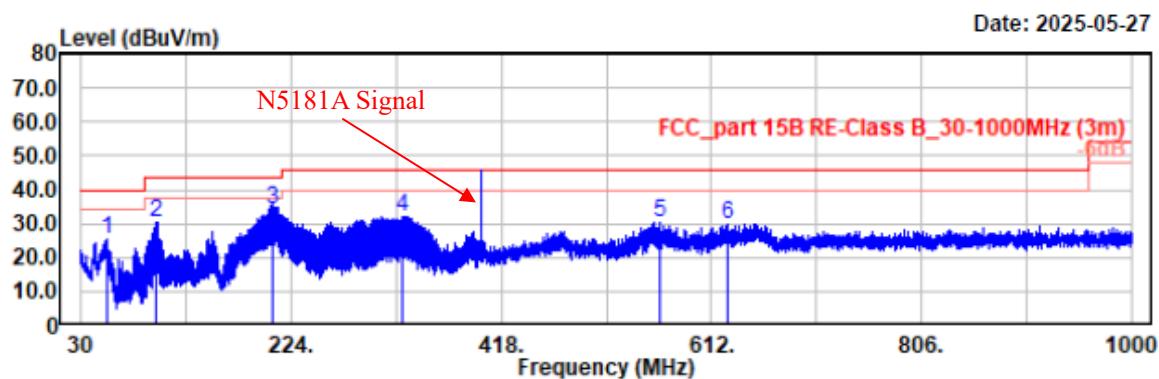


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.00	24.84	-5.60	19.24	40.00	20.76	Horizontal	Peak
101.59	35.39	-14.49	20.90	43.50	22.60	Horizontal	Peak
210.03	43.72	-12.63	31.09	43.50	12.41	Horizontal	Peak
222.45	44.73	-12.58	32.15	46.00	13.85	Horizontal	Peak
302.09	42.71	-9.16	33.55	46.00	12.45	Horizontal	Peak
739.07	32.91	0.32	33.23	46.00	12.77	Horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 4(400.0125MHz)  
EUT Model: R-4900Pro  
Test distance: 3m

Temp/Humi/ATM: 20.7°C/51%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)



Condition: PK RBW:100kHz VBW:300kHz SWT:auto

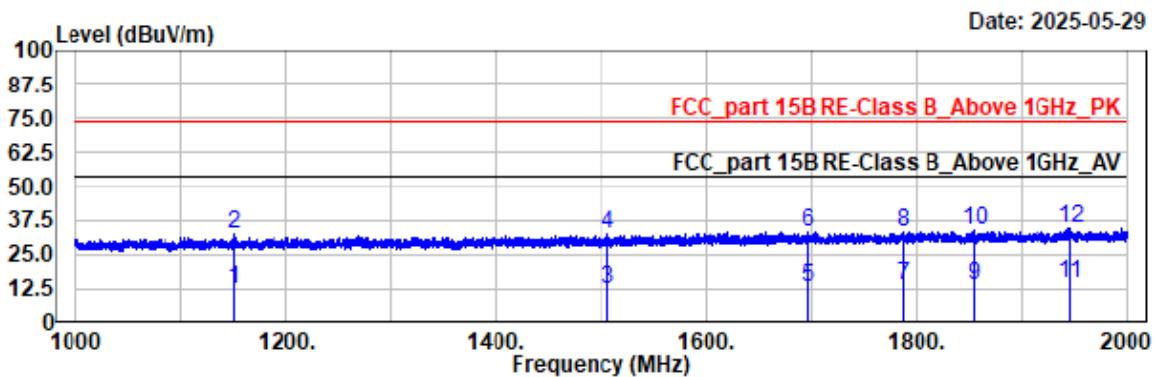
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
54.64	42.98	-17.81	25.17	40.00	14.83	Vertical	Peak
99.74	45.58	-14.98	30.60	43.50	12.90	Vertical	Peak
207.12	46.77	-12.30	34.47	43.50	9.03	Vertical	QP
326.14	40.87	-8.63	32.24	46.00	13.76	Vertical	Peak
564.86	32.91	-2.47	30.44	46.00	15.56	Vertical	Peak
627.33	31.05	-1.38	29.67	46.00	16.33	Vertical	Peak

## 2) 1GHz - 2GHz (Worst case)

*Test Model: R-5000*

Project No.: 2507T07867E-EM  
 Test Mode: Mode 1(136-174MHz)  
 EUT Model: R-5000  
 Test distance: 3m

Temp/Humi/ATM: 22.6 °C/58%/100.1kPa  
 Tested by: Apollo Luo  
 Power Source: DC 5V from adapter  
 (AC 120V/60Hz)

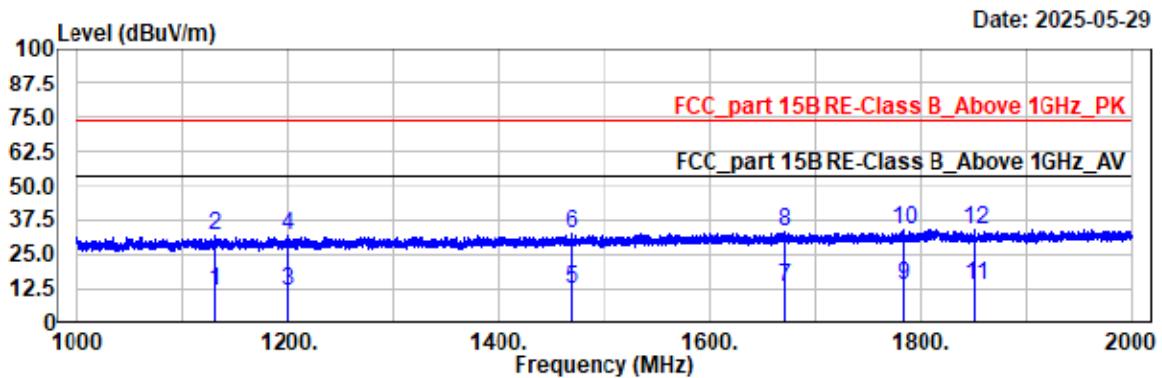


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1149.90	27.82	-15.32	12.50	54.00	41.50	horizontal	Average
1149.90	48.01	-15.32	32.69	74.00	41.31	horizontal	Peak
1506.70	26.59	-14.37	12.22	54.00	41.78	horizontal	Average
1506.70	46.77	-14.37	32.40	74.00	41.60	horizontal	Peak
1696.70	26.96	-13.60	13.36	54.00	40.64	horizontal	Average
1696.70	46.69	-13.60	33.09	74.00	40.91	horizontal	Peak
1786.90	27.14	-13.30	13.84	54.00	40.16	horizontal	Average
1786.90	46.72	-13.30	33.42	74.00	40.58	horizontal	Peak
1855.10	27.17	-13.08	14.09	54.00	39.91	horizontal	Average
1855.10	46.88	-13.08	33.80	74.00	40.20	horizontal	Peak
1946.10	27.47	-12.77	14.70	54.00	39.30	horizontal	Average
1946.10	47.15	-12.77	34.38	74.00	39.62	horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 1(136-174MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 22.6°C/58%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

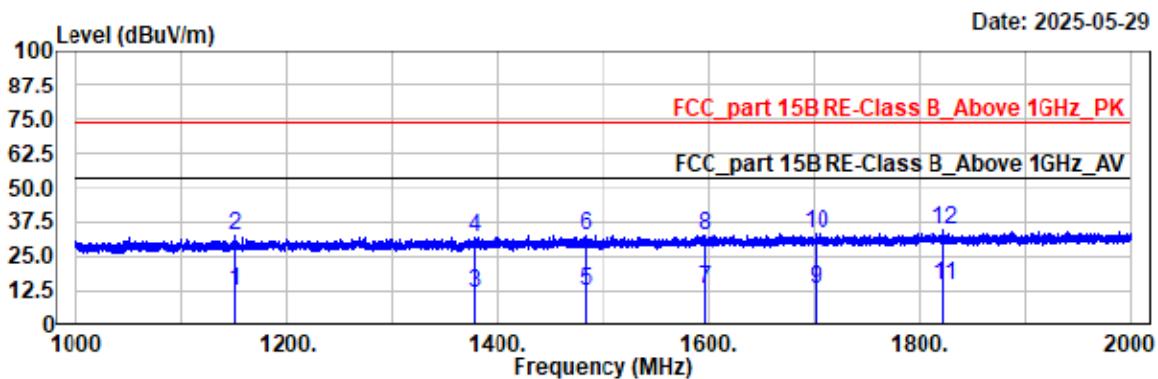


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1131.10	27.28	-15.32	11.96	54.00	42.04	vertical	Average
1131.10	47.30	-15.32	31.98	74.00	42.02	vertical	Peak
1199.40	26.80	-15.11	11.69	54.00	42.31	vertical	Average
1199.40	46.93	-15.11	31.82	74.00	42.18	vertical	Peak
1468.90	26.83	-14.47	12.36	54.00	41.64	vertical	Average
1468.90	46.63	-14.47	32.16	74.00	41.84	vertical	Peak
1671.30	27.11	-13.71	13.40	54.00	40.60	vertical	Average
1671.30	46.99	-13.71	33.28	74.00	40.72	vertical	Peak
1783.40	27.29	-13.32	13.97	54.00	40.03	vertical	Average
1783.40	46.93	-13.32	33.61	74.00	40.39	vertical	Peak
1852.10	26.96	-13.09	13.87	54.00	40.13	vertical	Average
1852.10	46.80	-13.09	33.71	74.00	40.29	vertical	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 2(173.9875MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 22.6°C/58%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

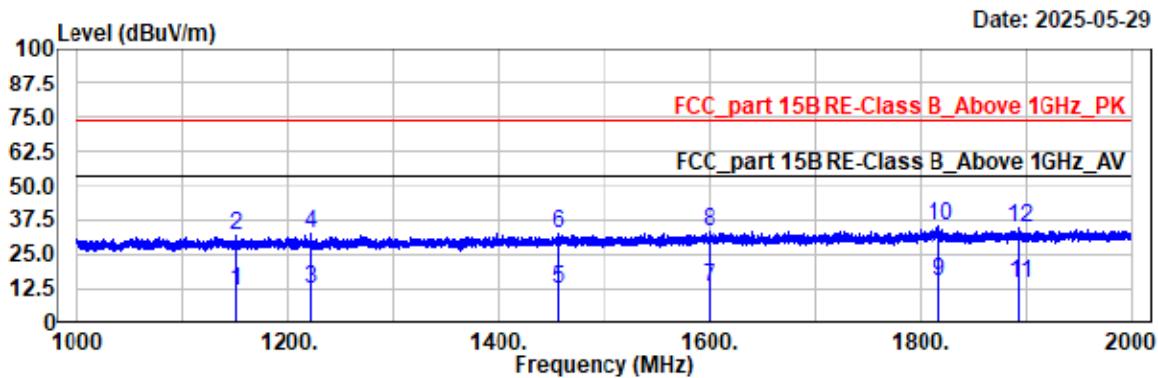


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1149.80	27.78	-15.32	12.46	54.00	41.54	horizontal	Average
1149.80	48.01	-15.32	32.69	74.00	41.31	horizontal	Peak
1377.00	26.62	-14.78	11.84	54.00	42.16	horizontal	Average
1377.00	46.61	-14.78	31.83	74.00	42.17	horizontal	Peak
1483.10	26.98	-14.43	12.55	54.00	41.45	horizontal	Average
1483.10	46.90	-14.43	32.47	74.00	41.53	horizontal	Peak
1595.10	26.96	-13.96	13.00	54.00	41.00	horizontal	Average
1595.10	46.63	-13.96	32.67	74.00	41.33	horizontal	Peak
1701.30	26.58	-13.59	12.99	54.00	41.01	horizontal	Average
1701.30	46.66	-13.59	33.07	74.00	40.93	horizontal	Peak
1823.90	27.46	-13.16	14.30	54.00	39.70	horizontal	Average
1823.90	47.62	-13.16	34.46	74.00	39.54	horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 2(173.9875MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 22.6°C/58%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

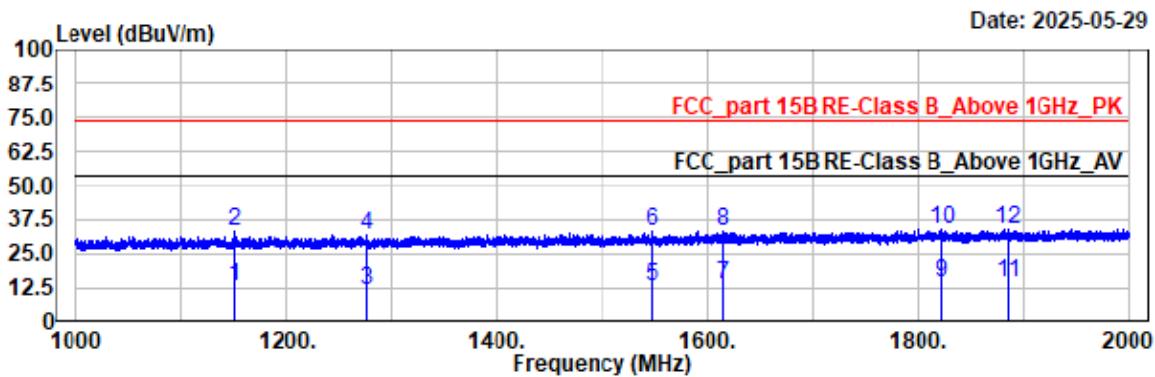


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1150.30	26.79	-15.32	11.47	54.00	42.53	vertical	Average
1150.30	46.98	-15.32	31.66	74.00	42.34	vertical	Peak
1222.00	27.75	-15.11	12.64	54.00	41.36	vertical	Average
1222.00	47.48	-15.11	32.37	74.00	41.63	vertical	Peak
1457.00	26.91	-14.51	12.40	54.00	41.60	vertical	Average
1457.00	46.89	-14.51	32.38	74.00	41.62	vertical	Peak
1599.20	27.26	-13.93	13.33	54.00	40.67	vertical	Average
1599.20	47.06	-13.93	33.13	74.00	40.87	vertical	Peak
1818.20	28.53	-13.17	15.36	54.00	38.64	vertical	Average
1818.20	48.68	-13.17	35.51	74.00	38.49	vertical	Peak
1893.70	27.26	-12.97	14.29	54.00	39.71	vertical	Average
1893.70	47.41	-12.97	34.44	74.00	39.56	vertical	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 3(136-174MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 22.6°C/58%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

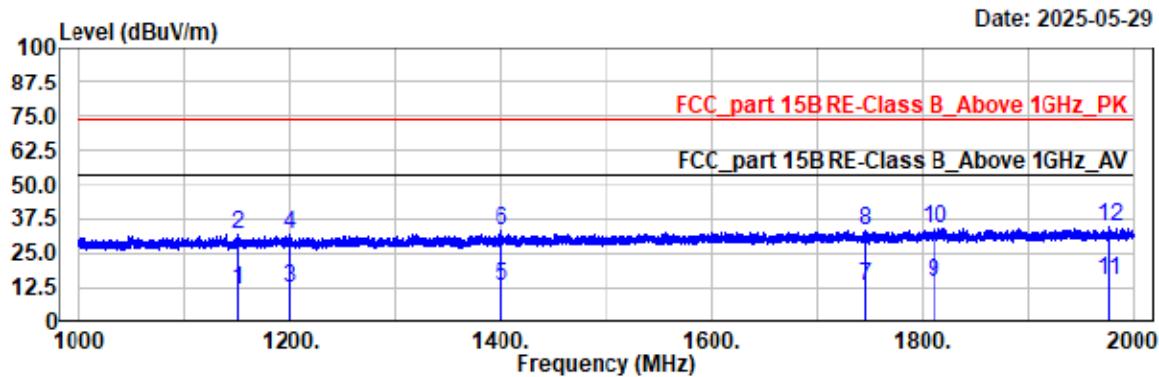


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1149.50	28.27	-15.32	12.95	54.00	41.05	horizontal	Average
1149.50	48.12	-15.32	32.80	74.00	41.20	horizontal	Peak
1274.60	26.57	-15.06	11.51	54.00	42.49	horizontal	Average
1274.60	46.95	-15.06	31.89	74.00	42.11	horizontal	Peak
1548.20	27.24	-14.25	12.99	54.00	41.01	horizontal	Average
1548.20	47.02	-14.25	32.77	74.00	41.23	horizontal	Peak
1615.70	27.69	-13.89	13.80	54.00	40.20	horizontal	Average
1615.70	46.77	-13.89	32.88	74.00	41.12	horizontal	Peak
1822.50	27.43	-13.16	14.27	54.00	39.73	horizontal	Average
1822.50	47.08	-13.16	33.92	74.00	40.08	horizontal	Peak
1885.00	27.48	-13.00	14.48	54.00	39.52	horizontal	Average
1885.00	47.12	-13.00	34.12	74.00	39.88	horizontal	Peak

Project No.: 2507T07867E-EM  
 Test Mode: Mode 3(136-174MHz)  
 EUT Model: R-5000  
 Test distance: 3m

Temp/Humi/ATM: 22.6°C/58%/100.1kPa  
 Tested by: Apollo Luo  
 Power Source: DC 8.4V from charger  
 (AC 120V/60Hz)

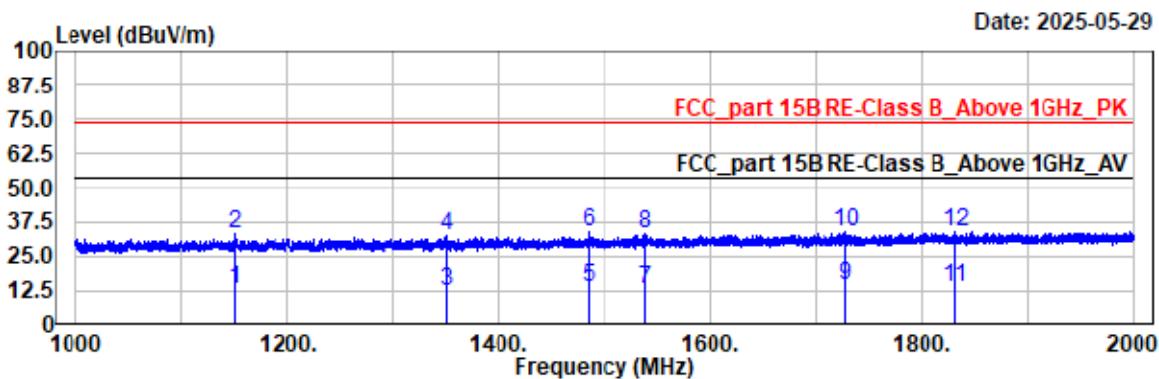


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1150.20	27.29	-15.32	11.97	54.00	42.03	vertical	Average
1150.20	46.93	-15.32	31.61	74.00	42.39	vertical	Peak
1199.60	27.53	-15.11	12.42	54.00	41.58	vertical	Average
1199.60	47.12	-15.11	32.01	74.00	41.99	vertical	Peak
1401.40	27.74	-14.67	13.07	54.00	40.93	vertical	Average
1401.40	47.58	-14.67	32.91	74.00	41.09	vertical	Peak
1745.40	26.86	-13.51	13.35	54.00	40.65	vertical	Average
1745.40	46.48	-13.51	32.97	74.00	41.03	vertical	Peak
1811.30	27.48	-13.19	14.29	54.00	39.71	vertical	Average
1811.30	47.25	-13.19	34.06	74.00	39.94	vertical	Peak
1977.00	27.55	-12.64	14.91	54.00	39.09	vertical	Average
1977.00	47.05	-12.64	34.41	74.00	39.59	vertical	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 4(400.0125MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 22.6°C/58%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

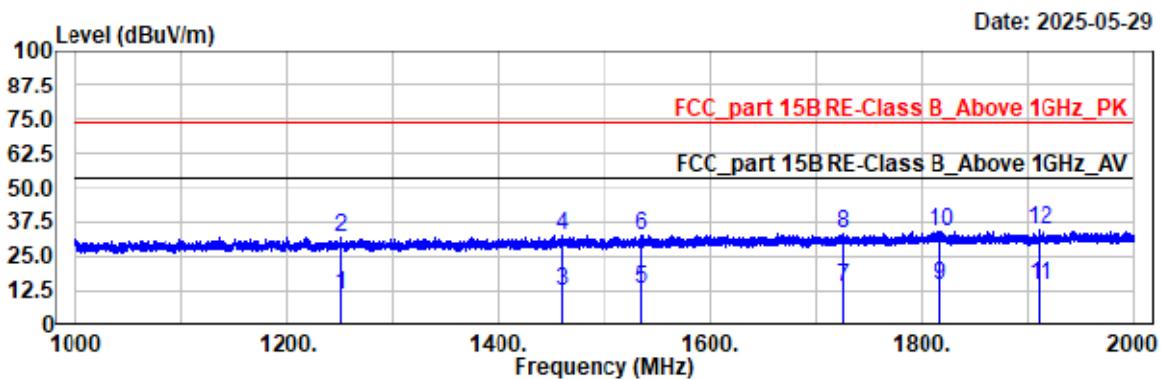


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1149.90	28.11	-15.32	12.79	54.00	41.21	horizontal	Average
1149.90	48.27	-15.32	32.95	74.00	41.05	horizontal	Peak
1349.80	27.32	-14.89	12.43	54.00	41.57	horizontal	Average
1349.80	47.00	-14.89	32.11	74.00	41.89	horizontal	Peak
1484.50	28.05	-14.42	13.63	54.00	40.37	horizontal	Average
1484.50	48.13	-14.42	33.71	74.00	40.29	horizontal	Peak
1538.80	27.19	-14.28	12.91	54.00	41.09	horizontal	Average
1538.80	47.54	-14.28	33.26	74.00	40.74	horizontal	Peak
1728.70	27.95	-13.54	14.41	54.00	39.59	horizontal	Average
1728.70	47.32	-13.54	33.78	74.00	40.22	horizontal	Peak
1832.30	26.65	-13.14	13.51	54.00	40.49	horizontal	Average
1832.30	46.97	-13.14	33.83	74.00	40.17	horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 4(400.0125MHz)  
EUT Model: R-5000  
Test distance: 3m

Temp/Humi/ATM: 22.6°C/58%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)



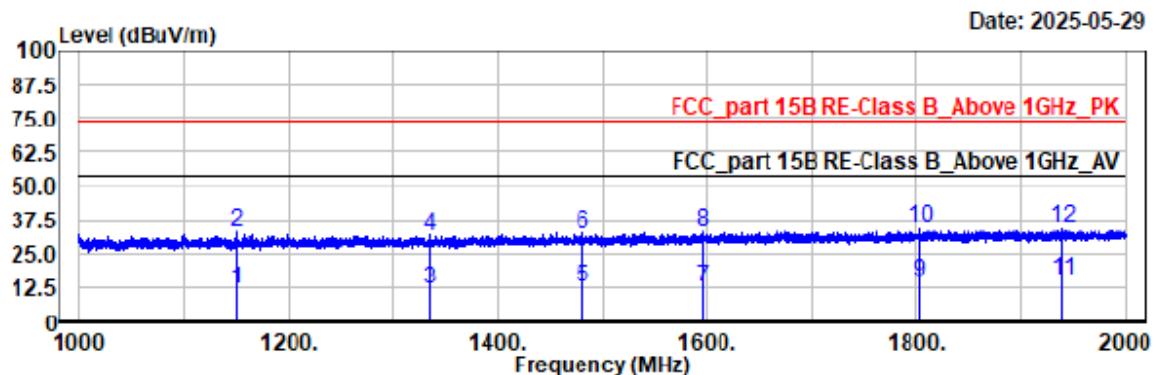
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1250.10	26.47	-15.11	11.36	54.00	42.64	vertical	Average
1250.10	46.77	-15.11	31.66	74.00	42.34	vertical	Peak
1459.80	27.01	-14.49	12.52	54.00	41.48	vertical	Average
1459.80	47.03	-14.49	32.54	74.00	41.46	vertical	Peak
1534.90	27.39	-14.29	13.10	54.00	40.90	vertical	Average
1534.90	46.94	-14.29	32.65	74.00	41.35	vertical	Peak
1727.10	27.33	-13.54	13.79	54.00	40.21	vertical	Average
1727.10	46.53	-13.54	32.99	74.00	41.01	vertical	Peak
1817.50	27.59	-13.17	14.42	54.00	39.58	vertical	Average
1817.50	47.20	-13.17	34.03	74.00	39.97	vertical	Peak
1911.30	27.40	-12.91	14.49	54.00	39.51	vertical	Average
1911.30	47.12	-12.91	34.21	74.00	39.79	vertical	Peak

**Test Model: R-4900**

Project No.: 2507T07867E-EM  
 Test Mode: Mode 1(136-174MHz)  
 EUT Model: R-4900  
 Test distance: 3m

Temp/Humi/ATM: 22.6°C/58%/100.1kPa  
 Tested by: Apollo Luo  
 Power Source: DC 5V from adapter  
 (AC 120V/60Hz)

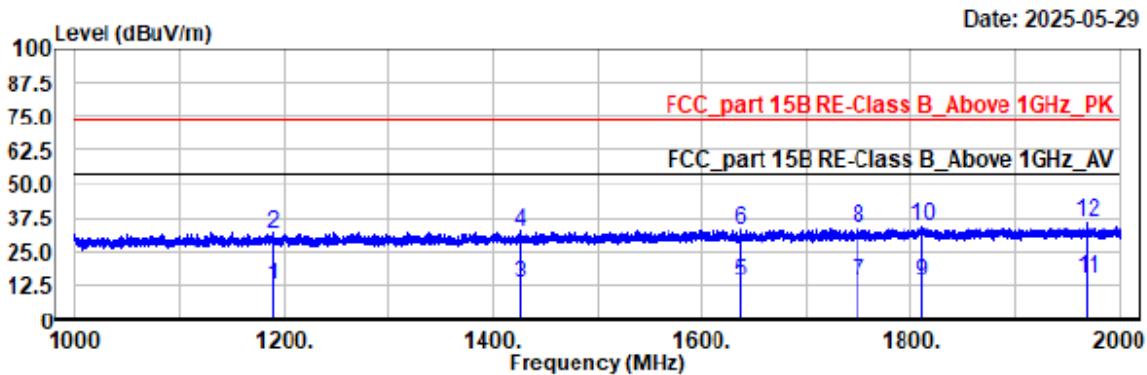


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1149.70	27.38	-15.32	12.06	54.00	41.94	horizontal	Average
1149.70	48.74	-15.32	33.42	74.00	40.58	horizontal	Peak
1334.40	26.54	-14.93	11.61	54.00	42.39	horizontal	Average
1334.40	46.75	-14.93	31.82	74.00	42.18	horizontal	Peak
1481.30	26.60	-14.44	12.16	54.00	41.84	horizontal	Average
1481.30	46.78	-14.44	32.34	74.00	41.66	horizontal	Peak
1595.10	26.39	-13.96	12.43	54.00	41.57	horizontal	Average
1595.10	46.94	-13.96	32.98	74.00	41.02	horizontal	Peak
1803.00	27.67	-13.21	14.46	54.00	39.54	horizontal	Average
1803.00	47.89	-13.21	34.68	74.00	39.32	horizontal	Peak
1940.00	27.94	-12.80	15.14	54.00	38.86	horizontal	Average
1940.00	47.44	-12.80	34.64	74.00	39.36	horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 1(136-174MHz)  
EUT Model: R-4900  
Test distance: 3m

Temp/Humi/ATM: 22.6°C/58%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

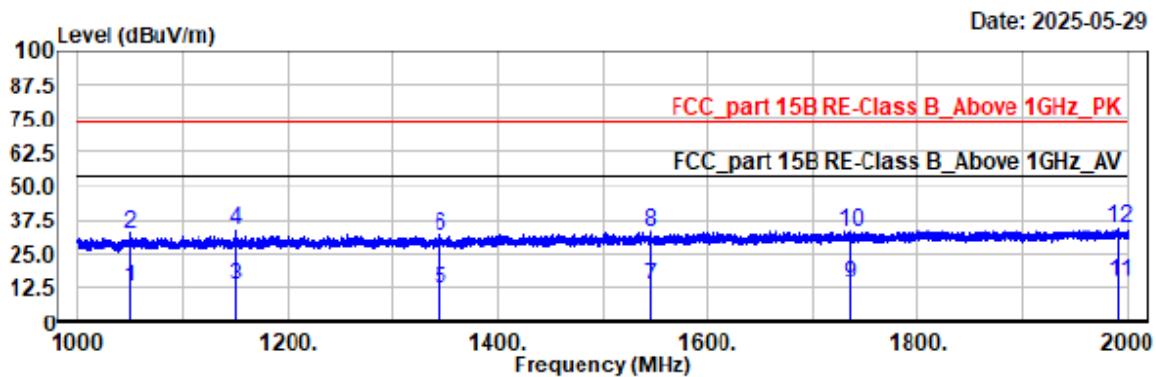


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1189.70	27.30	-15.15	12.15	54.00	41.85	vertical	Average
1189.70	47.13	-15.15	31.98	74.00	42.02	vertical	Peak
1425.90	27.53	-14.60	12.93	54.00	41.07	vertical	Average
1425.90	46.67	-14.60	32.07	74.00	41.93	vertical	Peak
1637.30	27.65	-13.85	13.80	54.00	40.20	vertical	Average
1637.30	47.07	-13.85	33.22	74.00	40.78	vertical	Peak
1750.00	27.33	-13.51	13.82	54.00	40.18	vertical	Average
1750.00	47.04	-13.51	33.53	74.00	40.47	vertical	Peak
1810.20	27.19	-13.19	14.00	54.00	40.00	vertical	Average
1810.20	47.39	-13.19	34.20	74.00	39.80	vertical	Peak
1968.50	27.75	-12.68	15.07	54.00	38.93	vertical	Average
1968.50	48.33	-12.68	35.65	74.00	38.35	vertical	Peak

Project No.: 2507T07867E-EM  
 Test Mode: Mode 2(173.9875MHz)  
 EUT Model: R-4900  
 Test distance: 3m

Temp/Humi/ATM: 22.6 °C/58%/100.1kPa  
 Tested by: Apollo Luo  
 Power Source: DC 5V from adapter  
 (AC 120V/60Hz)

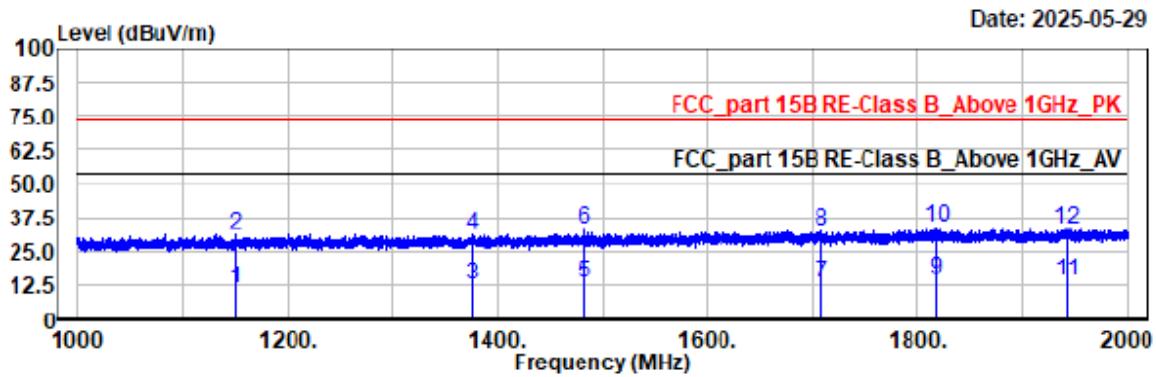


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1050.10	28.31	-15.56	12.75	54.00	41.25	horizontal	Average
1050.10	48.17	-15.56	32.61	74.00	41.39	horizontal	Peak
1150.60	28.44	-15.32	13.12	54.00	40.88	horizontal	Average
1150.60	48.79	-15.32	33.47	74.00	40.53	horizontal	Peak
1344.70	26.89	-14.91	11.98	54.00	42.02	horizontal	Average
1344.70	46.79	-14.91	31.88	74.00	42.12	horizontal	Peak
1545.80	27.39	-14.26	13.13	54.00	40.87	horizontal	Average
1545.80	47.43	-14.26	33.17	74.00	40.83	horizontal	Peak
1735.40	27.41	-13.53	13.88	54.00	40.12	horizontal	Average
1735.40	46.65	-13.53	33.12	74.00	40.88	horizontal	Peak
1991.70	27.11	-12.58	14.53	54.00	39.47	horizontal	Average
1991.70	46.74	-12.58	34.16	74.00	39.84	horizontal	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 2(173.9875MHz)  
EUT Model: R-4900  
Test distance: 3m

Temp/Humi/ATM: 22.6°C/58%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 5V from adapter  
(AC 120V/60Hz)

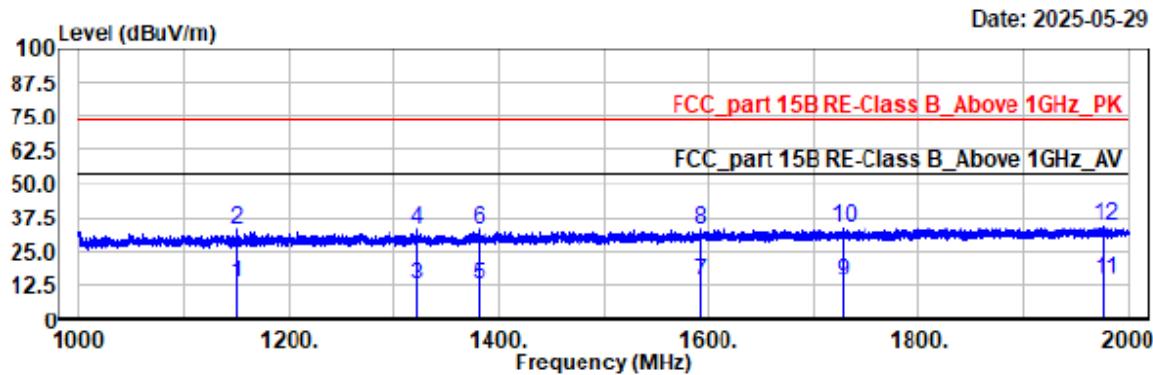


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1149.90	26.58	-15.32	11.26	54.00	42.74	vertical	Average
1149.90	46.67	-15.32	31.35	74.00	42.65	vertical	Peak
1375.10	26.89	-14.79	12.10	54.00	41.90	vertical	Average
1375.10	45.94	-14.79	31.15	74.00	42.85	vertical	Peak
1482.60	27.49	-14.43	13.06	54.00	40.94	vertical	Average
1482.60	47.35	-14.43	32.92	74.00	41.08	vertical	Peak
1708.80	26.55	-13.57	12.98	54.00	41.02	vertical	Average
1708.80	45.85	-13.57	32.28	74.00	41.72	vertical	Peak
1817.40	27.49	-13.18	14.31	54.00	39.69	vertical	Average
1817.40	46.95	-13.18	33.77	74.00	40.23	vertical	Peak
1942.20	26.51	-12.78	13.73	54.00	40.27	vertical	Average
1942.20	46.14	-12.78	33.36	74.00	40.64	vertical	Peak

Project No.: 2507T39459E-EM  
Test Mode: Mode 3(136-174MHz)  
EUT Model: R-4900  
Test distance: 3m

Temp/Humi/ATM: 22.6°C/58%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

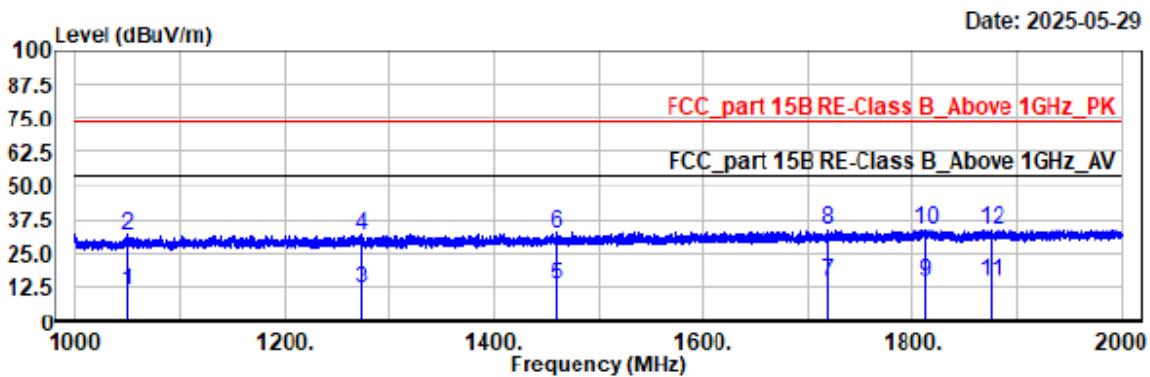


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1149.50	28.33	-15.32	13.01	54.00	40.99	horizontal	Average
1149.50	48.54	-15.32	33.22	74.00	40.78	horizontal	Peak
1322.70	27.37	-14.95	12.42	54.00	41.58	horizontal	Average
1322.70	47.73	-14.95	32.78	74.00	41.22	horizontal	Peak
1381.00	27.47	-14.76	12.71	54.00	41.29	horizontal	Average
1381.00	47.82	-14.76	33.06	74.00	40.94	horizontal	Peak
1591.50	27.72	-13.99	13.73	54.00	40.27	horizontal	Average
1591.50	46.95	-13.99	32.96	74.00	41.04	horizontal	Peak
1729.00	27.57	-13.54	14.03	54.00	39.97	horizontal	Average
1729.00	47.36	-13.54	33.82	74.00	40.18	horizontal	Peak
1977.70	26.86	-12.64	14.22	54.00	39.78	horizontal	Average
1977.70	46.78	-12.64	34.14	74.00	39.86	horizontal	Peak

Project No.: 2507T39459E-EM  
Test Mode: Mode 3(136-174MHz)  
EUT Model: R-4900  
Test distance: 3m

Temp/Humi/ATM: 22.6 °C/58%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

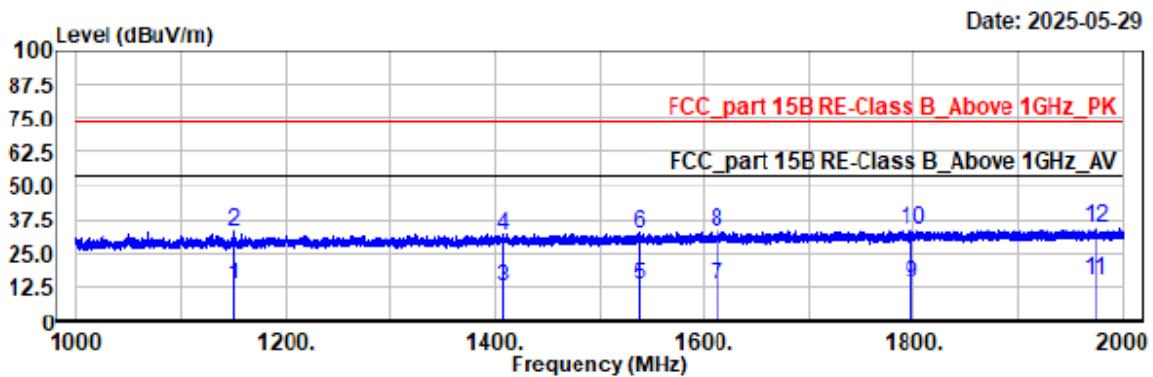


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1050.20	26.48	-15.56	10.92	54.00	43.08	vertical	Average
1050.20	46.95	-15.56	31.39	74.00	42.61	vertical	Peak
1272.90	26.93	-15.06	11.87	54.00	42.13	vertical	Average
1272.90	46.61	-15.06	31.55	74.00	42.45	vertical	Peak
1459.80	27.42	-14.49	12.93	54.00	41.07	vertical	Average
1459.80	46.84	-14.49	32.35	74.00	41.65	vertical	Peak
1718.60	27.76	-13.56	14.20	54.00	39.80	vertical	Average
1718.60	47.30	-13.56	33.74	74.00	40.26	vertical	Peak
1811.70	27.63	-13.19	14.44	54.00	39.56	vertical	Average
1811.70	47.29	-13.19	34.10	74.00	39.90	vertical	Peak
1875.10	27.61	-13.02	14.59	54.00	39.41	vertical	Average
1875.10	47.06	-13.02	34.04	74.00	39.96	vertical	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 4(400.0125MHz)  
EUT Model: R-4900  
Test distance: 3m

Temp/Humi/ATM: 22.6°C/58%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

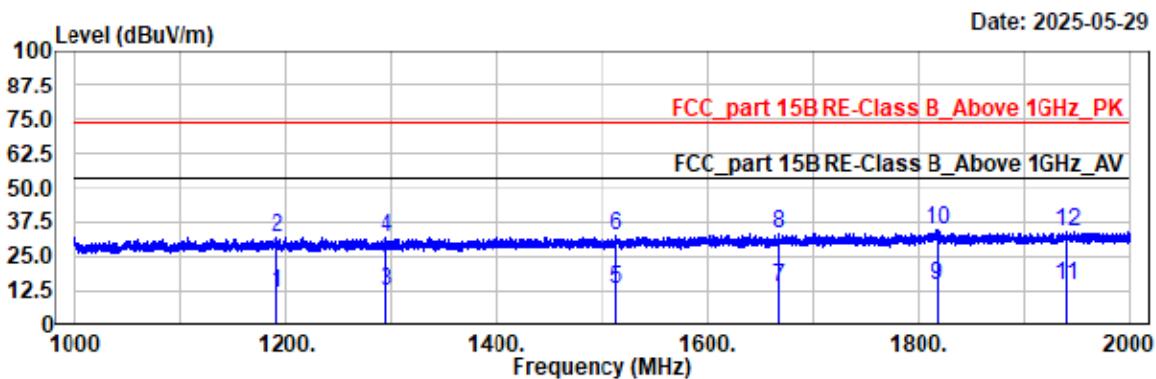


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1149.80	28.64	-15.32	13.32	54.00	40.68	horizontal	Average
1149.80	48.50	-15.32	33.18	74.00	40.82	horizontal	Peak
1407.80	26.73	-14.65	12.08	54.00	41.92	horizontal	Average
1407.80	46.57	-14.65	31.92	74.00	42.08	horizontal	Peak
1537.80	27.37	-14.28	13.09	54.00	40.91	horizontal	Average
1537.80	46.63	-14.28	32.35	74.00	41.65	horizontal	Peak
1611.40	26.89	-13.90	12.99	54.00	41.01	horizontal	Average
1611.40	46.89	-13.90	32.99	74.00	41.01	horizontal	Peak
1798.10	26.76	-13.23	13.53	54.00	40.47	horizontal	Average
1798.10	46.68	-13.23	33.45	74.00	40.55	horizontal	Peak
1972.90	27.57	-12.67	14.90	54.00	39.10	horizontal	Average
1972.90	47.00	-12.67	34.33	74.00	39.67	horizontal	Peak

Project No.: 2507T07867E-EM  
 Test Mode: Mode 4(400.0125MHz)  
 EUT Model: R-4900  
 Test distance: 3m

Temp/Humi/ATM: 22.6 °C/58%/100.1kPa  
 Tested by: Apollo Luo  
 Power Source: DC 8.4V from charger  
 (AC 120V/60Hz)



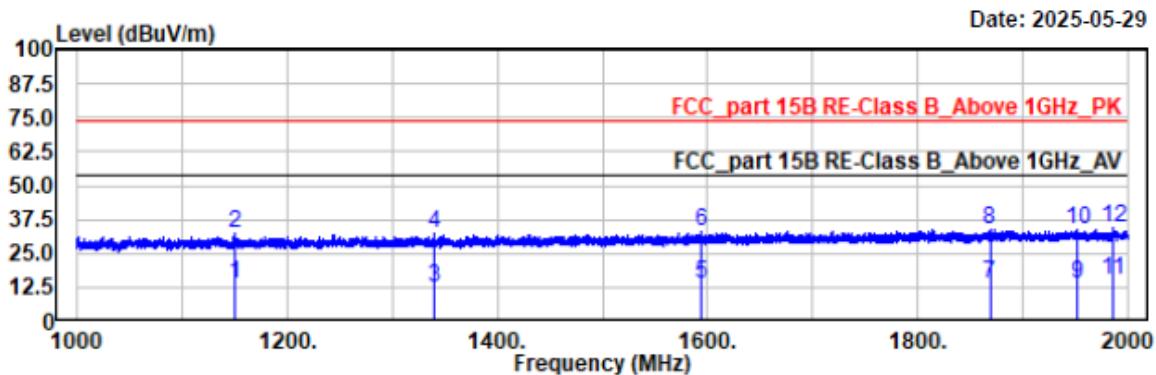
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1191.40	26.89	-15.14	11.75	54.00	42.25	vertical	Average
1191.40	46.99	-15.14	31.85	74.00	42.15	vertical	Peak
1295.70	27.30	-15.03	12.27	54.00	41.73	vertical	Average
1295.70	46.94	-15.03	31.91	74.00	42.09	vertical	Peak
1513.40	27.41	-14.34	13.07	54.00	40.93	vertical	Average
1513.40	46.99	-14.34	32.65	74.00	41.35	vertical	Peak
1666.80	27.37	-13.73	13.64	54.00	40.36	vertical	Average
1666.80	46.83	-13.73	33.10	74.00	40.90	vertical	Peak
1818.70	27.37	-13.17	14.20	54.00	39.80	vertical	Average
1818.70	47.39	-13.17	34.22	74.00	39.78	vertical	Peak
1941.50	27.56	-12.79	14.77	54.00	39.23	vertical	Average
1941.50	46.71	-12.79	33.92	74.00	40.08	vertical	Peak

**Test Model: R-4900Pro**

Project No.: 2507T07867E-EM  
 Test Mode: Mode 1(136-174MHz)  
 EUT Model: R-4900Pro  
 Test distance: 3m

Temp/Humi/ATM: 22.6°C/58%/100.1kPa  
 Tested by: Apollo Luo  
 Power Source: DC 5V from adapter  
 (AC 120V/60Hz)

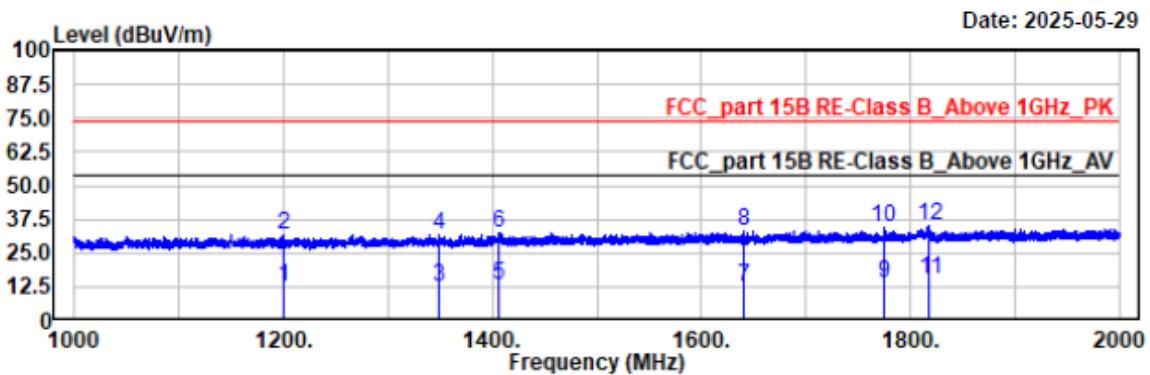


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1150.00	28.86	-15.32	13.54	54.00	40.46	horizontal	Average
1150.00	48.04	-15.32	32.72	74.00	41.28	horizontal	Peak
1339.80	27.29	-14.92	12.37	54.00	41.63	horizontal	Average
1339.80	47.03	-14.92	32.11	74.00	41.89	horizontal	Peak
1594.10	27.65	-13.97	13.68	54.00	40.32	horizontal	Average
1594.10	46.87	-13.97	32.90	74.00	41.10	horizontal	Peak
1868.80	26.90	-13.04	13.86	54.00	40.14	horizontal	Average
1868.80	46.62	-13.04	33.58	74.00	40.42	horizontal	Peak
1952.30	26.65	-12.75	13.90	54.00	40.10	horizontal	Average
1952.30	46.44	-12.75	33.69	74.00	40.31	horizontal	Peak
1985.30	27.59	-12.61	14.98	54.00	39.02	horizontal	Average
1985.30	46.79	-12.61	34.18	74.00	39.82	horizontal	Peak

Project No.: 2507T07867E-EM  
 Test Mode: Mode 1(136-174MHz)  
 EUT Model: R-4900Pro  
 Test distance: 3m

Temp/Humi/ATM: 22.6°C/58%/100.1kPa  
 Tested by: Apollo Luo  
 Power Source: DC 5V from adapter  
 (AC 120V/60Hz)

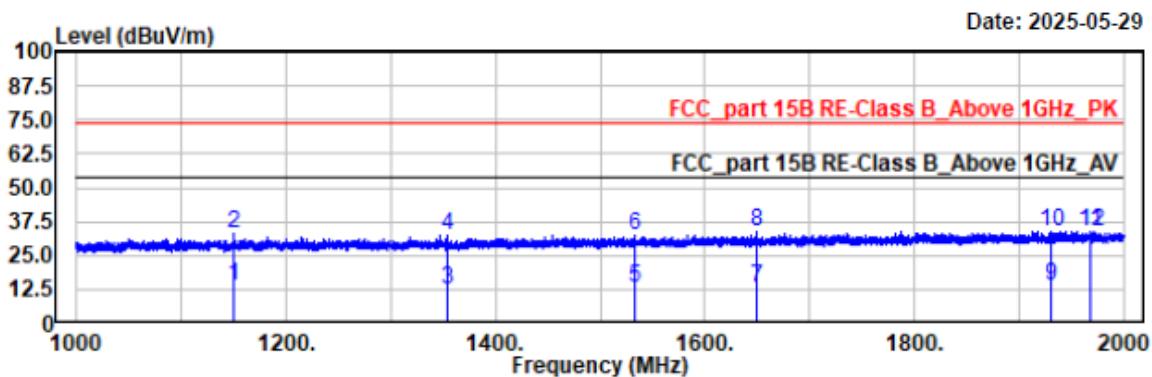


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1199.90	27.59	-15.11	12.48	54.00	41.52	vertical	Average
1199.90	47.07	-15.11	31.96	74.00	42.04	vertical	Peak
1348.40	27.54	-14.89	12.65	54.00	41.35	vertical	Average
1348.40	46.85	-14.89	31.96	74.00	42.04	vertical	Peak
1405.40	27.58	-14.66	12.92	54.00	41.08	vertical	Average
1405.40	47.18	-14.66	32.52	74.00	41.48	vertical	Peak
1639.90	26.49	-13.84	12.65	54.00	41.35	vertical	Average
1639.90	46.85	-13.84	33.01	74.00	40.99	vertical	Peak
1774.00	27.46	-13.38	14.08	54.00	39.92	vertical	Average
1774.00	47.76	-13.38	34.38	74.00	39.62	vertical	Peak
1818.20	28.19	-13.17	15.02	54.00	38.98	vertical	Average
1818.20	48.17	-13.17	35.00	74.00	39.00	vertical	Peak

Project No.: 2507T07867E-EM  
 Test Mode: Mode 2(173.9875MHz)  
 EUT Model: R-4900Pro  
 Test distance: 3m

Temp/Humi/ATM: 22.6°C/58%/100.1kPa  
 Tested by: Apollo Luo  
 Power Source: DC 5V from adapter  
 (AC 120V/60Hz)

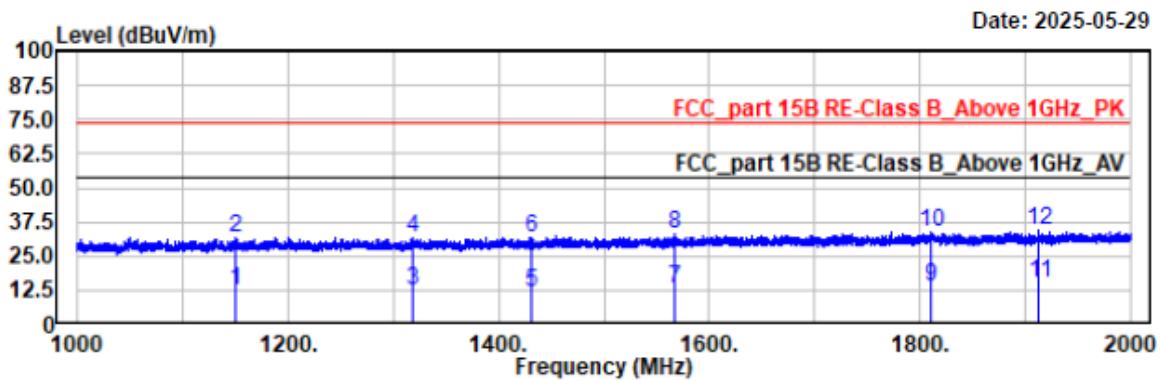


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1150.50	28.81	-15.32	13.49	54.00	40.51	horizontal	Average
1150.50	48.49	-15.32	33.17	74.00	40.83	horizontal	Peak
1354.30	27.52	-14.87	12.65	54.00	41.35	horizontal	Average
1354.30	47.25	-14.87	32.38	74.00	41.62	horizontal	Peak
1533.30	27.44	-14.29	13.15	54.00	40.85	horizontal	Average
1533.30	46.84	-14.29	32.55	74.00	41.45	horizontal	Peak
1649.20	27.14	-13.81	13.33	54.00	40.67	horizontal	Average
1649.20	47.51	-13.81	33.70	74.00	40.30	horizontal	Peak
1930.20	26.93	-12.84	14.09	54.00	39.91	horizontal	Average
1930.20	46.61	-12.84	33.77	74.00	40.23	horizontal	Peak
1968.20	27.32	-12.68	14.64	54.00	39.36	horizontal	Average
1968.20	46.57	-12.68	33.89	74.00	40.11	horizontal	Peak

Project No.: 2507T07867E-EM  
 Test Mode: Mode 2(173.9875MHz)  
 EUT Model: R-4900Pro  
 Test distance: 3m

Temp/Humi/ATM: 22.6°C/58%/100.1kPa  
 Tested by: Apollo Luo  
 Power Source: DC 5V from adapter  
 (AC 120V/60Hz)

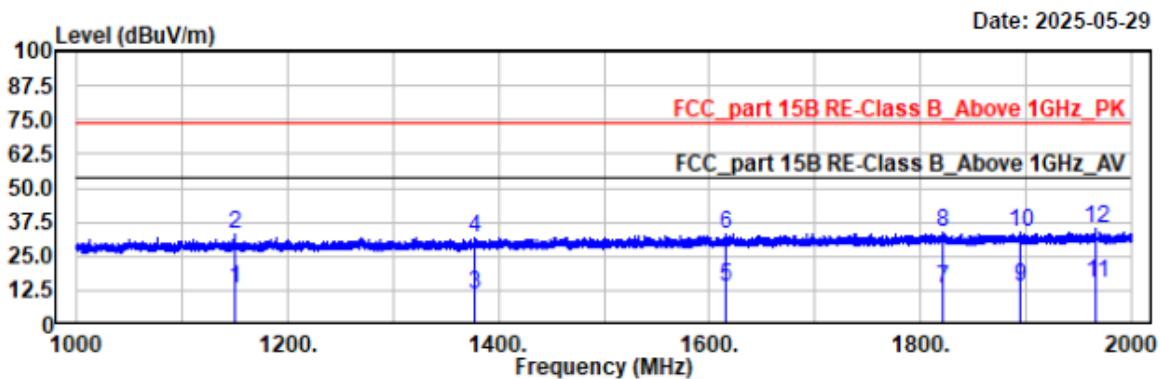


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1150.90	27.74	-15.32	12.42	54.00	41.58	vertical	Average
1150.90	47.18	-15.32	31.86	74.00	42.14	vertical	Peak
1319.20	27.15	-14.96	12.19	54.00	41.81	vertical	Average
1319.20	46.51	-14.96	31.55	74.00	42.45	vertical	Peak
1431.40	26.60	-14.58	12.02	54.00	41.98	vertical	Average
1431.40	46.46	-14.58	31.88	74.00	42.12	vertical	Peak
1566.80	27.58	-14.15	13.43	54.00	40.57	vertical	Average
1566.80	47.06	-14.15	32.91	74.00	41.09	vertical	Peak
1810.60	26.91	-13.19	13.72	54.00	40.28	vertical	Average
1810.60	46.67	-13.19	33.48	74.00	40.52	vertical	Peak
1912.90	27.77	-12.91	14.86	54.00	39.14	vertical	Average
1912.90	47.08	-12.91	34.17	74.00	39.83	vertical	Peak

Project No.: 2507T39459E-EM  
Test Mode: Mode 3(136-174MHz)  
EUT Model: R-4900Pro  
Test distance: 3m

Temp/Humi/ATM: 22.6°C/58%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

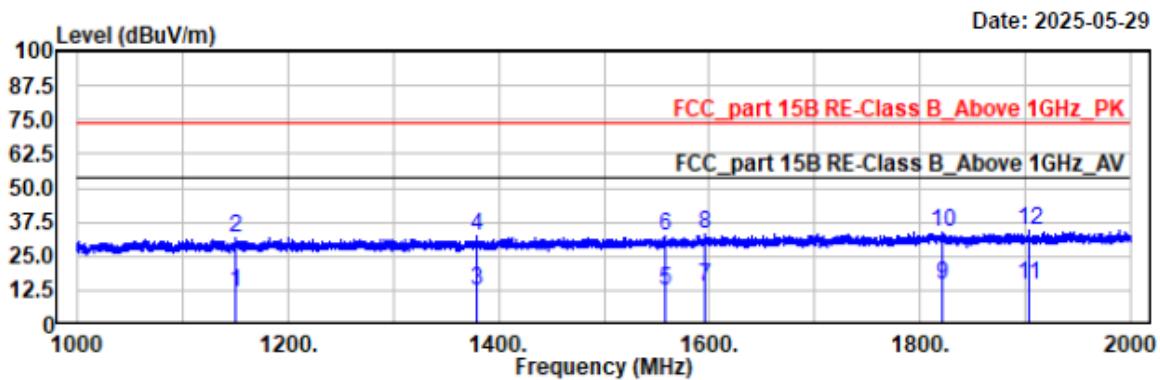


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1149.70	28.30	-15.32	12.98	54.00	41.02	horizontal	Average
1149.70	48.26	-15.32	32.94	74.00	41.06	horizontal	Peak
1376.60	26.14	-14.78	11.36	54.00	42.64	horizontal	Average
1376.60	46.62	-14.78	31.84	74.00	42.16	horizontal	Peak
1615.60	27.37	-13.89	13.48	54.00	40.52	horizontal	Average
1615.60	47.03	-13.89	33.14	74.00	40.86	horizontal	Peak
1822.00	26.34	-13.17	13.17	54.00	40.83	horizontal	Average
1822.00	46.80	-13.17	33.63	74.00	40.37	horizontal	Peak
1894.30	26.67	-12.97	13.70	54.00	40.30	horizontal	Average
1894.30	46.62	-12.97	33.65	74.00	40.35	horizontal	Peak
1967.00	27.92	-12.68	15.24	54.00	38.76	horizontal	Average
1967.00	47.69	-12.68	35.01	74.00	38.99	horizontal	Peak

Project No.: 2507T39459E-EM  
 Test Mode: Mode 3(136-174MHz)  
 EUT Model: R-4900Pro  
 Test distance: 3m

Temp/Humi/ATM: 22.6°C/58%/100.1kPa  
 Tested by: Apollo Luo  
 Power Source: DC 8.4V from charger  
 (AC 120V/60Hz)

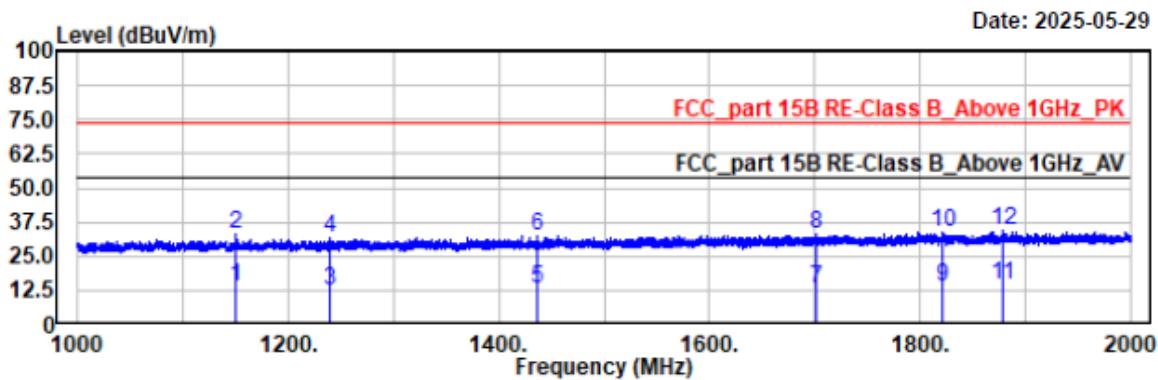


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1150.70	27.18	-15.32	11.86	54.00	42.14	vertical	Average
1150.70	47.12	-15.32	31.80	74.00	42.20	vertical	Peak
1379.70	27.20	-14.76	12.44	54.00	41.56	vertical	Average
1379.70	46.92	-14.76	32.16	74.00	41.84	vertical	Peak
1557.90	26.30	-14.21	12.09	54.00	41.91	vertical	Average
1557.90	46.74	-14.21	32.53	74.00	41.47	vertical	Peak
1595.40	27.87	-13.96	13.91	54.00	40.09	vertical	Average
1595.40	47.21	-13.96	33.25	74.00	40.75	vertical	Peak
1821.70	27.75	-13.17	14.58	54.00	39.42	vertical	Average
1821.70	47.28	-13.17	34.11	74.00	39.89	vertical	Peak
1903.80	27.39	-12.94	14.45	54.00	39.55	vertical	Average
1903.80	47.18	-12.94	34.24	74.00	39.76	vertical	Peak

Project No.: 2507T07867E-EM  
Test Mode: Mode 4(400.0125MHz)  
EUT Model: R-4900Pro  
Test distance: 3m

Temp/Humi/ATM: 22.6°C/58%/100.1kPa  
Tested by: Apollo Luo  
Power Source: DC 8.4V from charger  
(AC 120V/60Hz)

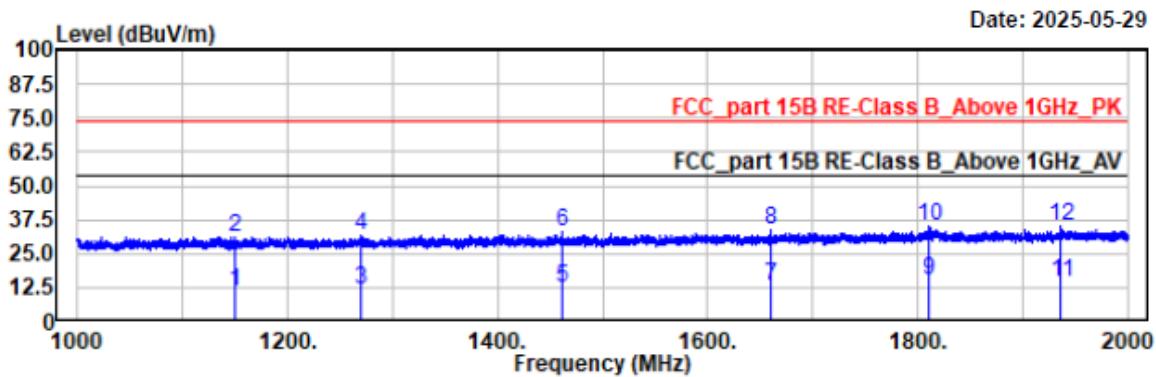


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1150.20	28.84	-15.32	13.52	54.00	40.48	horizontal	Average
1150.20	48.59	-15.32	33.27	74.00	40.73	horizontal	Peak
1240.40	27.72	-15.11	12.61	54.00	41.39	horizontal	Average
1240.40	47.17	-15.11	32.06	74.00	41.94	horizontal	Peak
1435.80	27.62	-14.57	13.05	54.00	40.95	horizontal	Average
1435.80	47.07	-14.57	32.50	74.00	41.50	horizontal	Peak
1701.60	26.40	-13.59	12.81	54.00	41.19	horizontal	Average
1701.60	46.74	-13.59	33.15	74.00	40.85	horizontal	Peak
1821.70	26.92	-13.17	13.75	54.00	40.25	horizontal	Average
1821.70	46.81	-13.17	33.64	74.00	40.36	horizontal	Peak
1878.70	27.83	-13.01	14.82	54.00	39.18	horizontal	Average
1878.70	47.38	-13.01	34.37	74.00	39.63	horizontal	Peak

Project No.: 2507T07867E-EM  
 Test Mode: Mode 4(400.0125MHz)  
 EUT Model: R-4900Pro  
 Test distance: 3m

Temp/Humi/ATM: 22.6°C/58%/100.1kPa  
 Tested by: Apollo Luo  
 Power Source: DC 8.4V from charger  
 (AC 120V/60Hz)



Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1149.40	26.42	-15.32	11.10	54.00	42.90	vertical	Average
1149.40	46.56	-15.32	31.24	74.00	42.76	vertical	Peak
1270.80	26.83	-15.07	11.76	54.00	42.24	vertical	Average
1270.80	46.48	-15.07	31.41	74.00	42.59	vertical	Peak
1461.50	27.17	-14.49	12.68	54.00	41.32	vertical	Average
1461.50	47.47	-14.49	32.98	74.00	41.02	vertical	Peak
1659.50	27.18	-13.76	13.42	54.00	40.58	vertical	Average
1659.50	47.43	-13.76	33.67	74.00	40.33	vertical	Peak
1810.60	28.03	-13.19	14.84	54.00	39.16	vertical	Average
1810.60	48.17	-13.19	34.98	74.00	39.02	vertical	Peak
1936.50	27.43	-12.81	14.62	54.00	39.38	vertical	Average
1936.50	47.64	-12.81	34.83	74.00	39.17	vertical	Peak

## FCC §15.121(b) – SCANNING RECEIVERS AND FREQUENCY CONVERTERS USED WITH SCANNING RECEIVERS

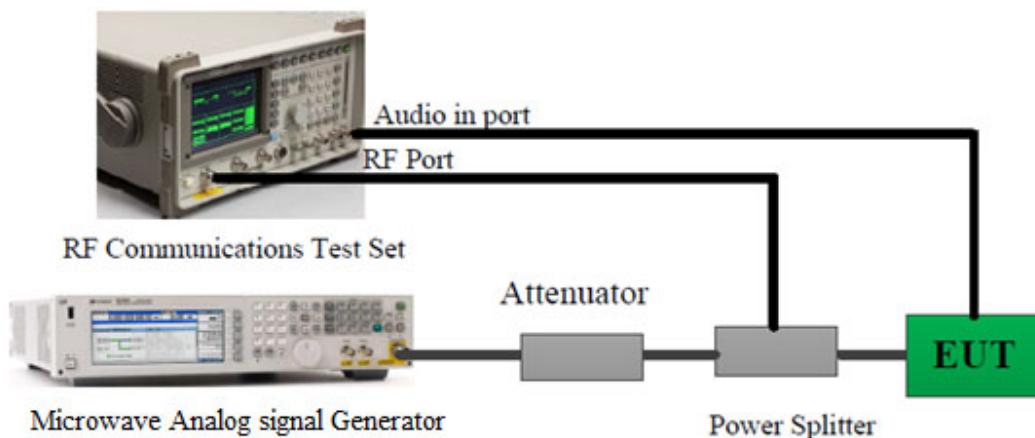
### Applicable Standard

FCC §15.121(b).

(b) Except as provided in paragraph (c) of this section, scanning receivers shall reject any signals from the Cellular Radiotelephone Service frequency bands that are 38 dB or lower based upon a 12 dB SINAD measurement, which is considered the threshold where a signal can be clearly discerned from any interference that may be present.

### Test Procedure

1. Connected the EUT as the below block diagram;



2. Apply a signal to the EUT antenna port at lowest, middle, highest channel frequencies of the operating band;
3. Adjust the audio output level of the EUT to it's rated value with the distortion less than 10%;
4. Adjust the 8920 output power to produce 12 dB SINAD without the audio output power dropping by more than 3 dB; These output level of the 8920 at each channel frequency is the sensitivity of the EUT;
5. Select the lowest or worst case sensitivity level for all of the bands as the reference sensitivity;
6. Adjust the Signal Generator output to a level of +60 dB above the reference sensitivity obtained in step 5 and its frequency to the frequency point in the Cellular Band;
7. Set the EUT squelch to threshold, the signal required to open the squelch must be lower than the reference sensitivity level;
8. Set the EUT in a scanning mode and allow it to scan through it's complete receiving range;
9. If the EUT un-squelched or stopped on any frequency, receiving at this frequency, then adjust the signal generator output level until 12 dB SINAD is produced, this level is the spurious value and the difference between the reference sensitivity and the spurious value is the rejection ratio and must be at least 38 dB;
10. Repeat above procedure at the frequencies 824, 836, 849 MHz for the mobile band, and 869, 881.5 and 894 MHz for the Cellular Base Band.

**Test Data**

<b>Test Mode:</b>	Scanning	<b>Test Engineer:</b>	Lucas Lin
<b>Test Date:</b>	2025-05-21	<b>Test Result:</b>	Pass

<b>Environment Conditions:</b>					
Temperature: (°C)	24.8	Relative Humidity: (%)	54	ATM Pressure: (kPa)	100.1

**Test Model: R-5000**

<b>Scanning Frequency Range (MHz)</b>	<b>Test Frequency (MHz)</b>	<b>Measurement Result (Worst Case) (dB)</b>	<b>Limit (dB)</b>
136-174	824, 836, 849, 869, 881.5, 894	48	>38
400-470		49	>38

**Test Model: R-4900**

<b>Scanning Frequency Range (MHz)</b>	<b>Test Frequency (MHz)</b>	<b>Measurement Result (Worst Case) (dB)</b>	<b>Limit (dB)</b>
136-174	824, 836, 849, 869, 881.5, 894	45	>38
400-470	824, 836, 849, 869, 881.5, 894	48	>38

**Test Model: R-4900Pro**

<b>Scanning Frequency Range (MHz)</b>	<b>Test Frequency (MHz)</b>	<b>Measurement Result (Worst Case) (dB)</b>	<b>Limit (dB)</b>
136-174	824, 836, 849, 869, 881.5, 894	48	>38
400-470		47	>38

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## EXHIBIT A - EUT PHOTOGRAPHS

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Please refer to the attachment 2507T07867E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2507T07867E-RF-INP EUT INTERNAL PHOTOGRAPHS

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## **EXHIBIT B – TEST SETUP PHOTOGRAPHS**

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Please refer to the attachment 2507T07867E-RF-TSP-01 TEST SETUP PHOTOGRAPHS\_PART 15B

## Declarations

1. Bay Area Compliance Laboratories Corp. (Xiamen) is not responsible for authenticity of any information provided by the applicant. Information from the applicant that may affect test results are marked with an asterisk “★”.
2. Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested.
3. Unless required by the rule provided by the applicant or product regulations, then decision rule in this report did not consider the uncertainty.
4. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor  $k=2$  with the 95 % confidence interval.
5. This report cannot be reproduced except in full, without prior written approval of Bay Area Compliance Laboratories Corp. (Xiamen).
6. This report is valid only with a valid digital signature. The digital signature may be available only under the adobe software above version 7.0.

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