

FCC RF Test Report

Report No.: JYTSZ-R12-2401214

Applicant: Sunwell Technology Company Limited

Address of Applicant: Building 2.Unit 2.Floor 4A. Jinlong Mingyuan, Nanlian Community, Longgang Street, Longgang District, Shenzhen. China

Equipment Under Test (EUT)

Product Name: RF Wall Swtich

Model No.: RCB-1001D, RCB-1001C

Trade Mark: N/A

FCC ID: 2AWRZ-RCB-1001D-TX

Applicable Standards: FCC CFR Title 47 Part 15C (§15.231)

Date of Sample Receipt: 27 Sep., 2024

Date of Test: 28 Sep., to 30 Oct., 2024

Date of Report Issue: 31 Oct., 2024

Test Result: PASS

Tested by: _____

Date: 31 Oct., 2024

Reviewed by: _____

Date: 31 Oct., 2024

Approved by: _____

Date: 31 Oct., 2024

Manager



This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in above the application standard version. Test results reported herein relate only to the item(s) tested.

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1 Version

Version No.	Date	Description
00	31 Oct., 2024	Original

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3 General Information

3.1 Client Information

Applicant:	Sunwell Technology Company Limited
Address:	Building 2.Unit 2.Floor 4A. Jinlong Mingyuan, Nanlian Community, Longgang Street, Longgang District, Shenzhen. China
Manufacturer:	Sunwell Technology Company Limited
Address:	Building 2.Unit 2.Floor 4A. Jinlong Mingyuan, Nanlian Community, Longgang Street, Longgang District, Shenzhen. China

3.2 General Description of E.U.T.

Product Name:	RF Wall Swtich
Model No.:	RCB-1001D, RCB-1001C
Operation Frequency:	303.875 MHz
Channel Numbers:	1
Modulation Type:	ASK
Antenna Type:	PCB Antenna
Antenna Gain:	-0.4 dBi (declare by Applicant)
Power Supply:	DC 3V
Remark:	Model No.: The RCB-1001D, RCB-1001C were identical inside, the electrical circuit design, layout, components used and internal wiring, with only difference model name. One is of the name customer A, and the other is the name of the another customer B.
Test Sample Condition:	The test samples were provided in good working order with no visible defects.

3.3 Test Mode and Environment

Test Mode:	
Transmitting mode:	Keep the EUT in transmitting mode with modulation
Remark: The EUT was placed on three different polar directions tested: i.e. X axis, Y axis, Z axis, and found the test results are both the "worst case" and "worst setup": Y axis, so the report only reflects the test data of worst mode.	
Operating Environment:	
Temperature:	15°C ~ 35°C
Humidity:	20 % ~ 75 % RH
Atmospheric Pressure:	1008 mbar
Test Engineer:	Robin Gu (Conducted measurement) Real Chen (Radiated measurement)

3.4 Description of Test Auxiliary Equipment

Manufacturer	Description	Model	Serial Number	FCC ID/DoC
N/A	N/A	N/A	N/A	N/A

3.5 Measurement Uncertainty

Parameter	Expanded Uncertainty (Confidence of 95%(U = 2Uc(y)))
Radiated Emission (30MHz ~ 200MHz) (3m SAC)	4.6 dB
Radiated Emission (200MHz ~ 1000MHz) (3m SAC)	5.8 dB
Radiated Emission (1GHz ~ 6GHz) (3m FAR)	4.95 dB
Radiated Emission (6GHz ~ 18GHz) (3m FAR)	5.23 dB
Remark: All the measurement uncertainty value were shown with a coverage k=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.	

3.6 Additions to, Deviations, or Exclusions From the Method

No

3.7 Laboratory Facility

The test facility is recognized, certified, or accredited by the following organizations: ● FCC - Designation No.: CN1211 JianYan Testing Group Shenzhen Co., Ltd. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Registration No. is 727551. ● ISED – CAB identifier.: CN0021 The 3m Semi-anechoic chamber and 10m Semi-anechoic chamber of JianYan Testing Group Shenzhen Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1. ● CNAS - Registration No.: CNAS L15527 JianYan Testing Group Shenzhen Co., Ltd. is accredited to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L15527. ● A2LA - Registration No.: 4346.01 This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: https://portal.a2la.org/scopepdf/4346-01.pdf
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3.8 Laboratory Location

JianYan Testing Group Shenzhen Co., Ltd.
 Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.
 Tel: +86-755-23118282, Fax: +86-755-23116366
 Email: info-JYTee@lets.com, Website: <http://jyt.lets.com>

3.9 Test Instruments List

Radiated Emission(3m SAC):					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
3m SAC	ETS	9m*6m*6m	WXJ001-1	04-14-2021	04-13-2026
BiConiLog Antenna	Schwarzbeck	VULB9163	WXJ002	01-09-2024	01-08-2025
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ002-2	01-05-2024	01-04-2025
Pre-amplifier (30MHz ~ 1GHz)	Schwarzbeck	BBV9743B	WXJ001-2	12-27-2023	12-26-2024
Pre-amplifier (1GHz ~ 18GHz)	SKET	LNPA_0118G-50	WXJ001-3	12-27-2023	12-26-2024
EMI Test Receiver	Rohde & Schwarz	ESRP7	WXJ003-1	12-27-2023	12-26-2024
Spectrum Analyzer	Rohde & Schwarz	FSP 30	WXJ004	12-27-2023	12-26-2024
Coaxial Cable (30MHz ~ 1GHz)	JYTSZ	JYT3M-1G-NN-8M	WXG001-4	01-17-2024	01-16-2025
Coaxial Cable (1GHz ~ 18GHz)	JYTSZ	JYT3M-18G-NN-8M	WXG001-5	01-17-2024	01-16-2025
Band Reject Filter Group	Tonscend	JS0806-F	WXJ089	N/A	
Test Software	Tonscend	TS+	Version: 3.0.0.1		

Radiated Emission(3m FAR):					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
3m FAR	YUNYI	9m*6m*6m	WXJ097	06-15-2023	06-14-2028
BiConiLog Antenna	Schwarzbeck	VULB9163	WXJ097-2	07-01-2024	06-30-2025
Biconical Antenna	Schwarzbeck	VUBA9117	WXJ002-1	07-01-2024	06-30-2027
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ097-3	06-16-2024	06-15-2025
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ002-3	12-28-2023	12-27-2024
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-5	12-28-2023	12-27-2024
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-6	12-28-2023	12-27-2024
Pre-amplifier (30MHz ~ 1GHz)	YUNYI	PAM-310N	WXJ097-5	04-24-2024	04-23-2025
Pre-amplifier (1GHz ~ 18GHz)	YUNYI	PAM-118N	WXJ097-6	04-24-2024	04-23-2025
Pre-amplifier (18GHz ~ 40GHz)	RF System	TRLA-180400G45B	WXJ002-7	12-28-2023	12-27-2024
EMI Test Receiver	Rohde & Schwarz	ESCI3	WXJ003	12-27-2023	12-26-2024
Spectrum Analyzer	Rohde & Schwarz	FSP 30	WXJ004	12-27-2023	12-26-2024
Spectrum Analyzer	KEYSIGHT	N9020B	WXJ081-1	06-11-2024	06-10-2025
Coaxial Cable (30MHz ~ 1GHz)	JYTSZ	JYT3M-1G-NN-13M	WXG097-1	07-30-2024	07-29-2025
Coaxial Cable (1GHz ~ 18GHz)	JYTSZ	JYT3M-18G-NN-8M	WXG097-2	07-30-2024	07-29-2025
Coaxial Cable (18GHz ~ 40GHz)	JYTSZ	JYT3M-40G-SS-8M	WXG097-3	07-30-2024	07-29-2025
High Band Reject Filter Group	Tonscend	JS0806-F	WXJ089	N/A	
Low Band Reject Filter Group	Tonscend	JS0806-F	WXJ097-4	N/A	
Test Software	Tonscend	TS+	Version: 5.0.0		

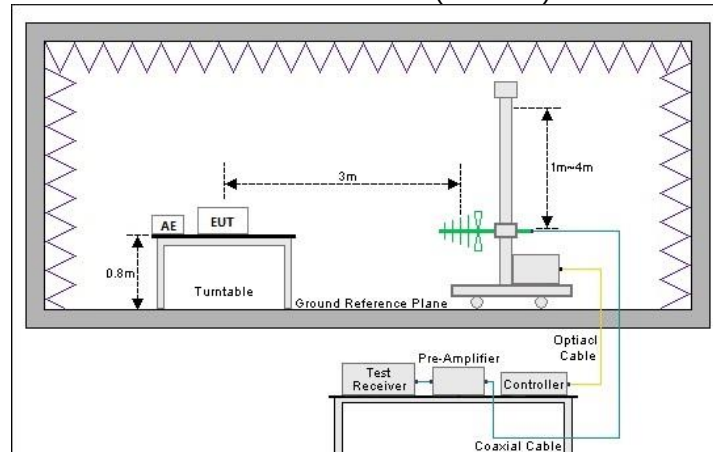
Conducted Method:					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
Spectrum Analyzer	Keysight	N9010B	WXJ004-3	11-01-2023	10-31-2024

4 Measurement Setup and Procedure

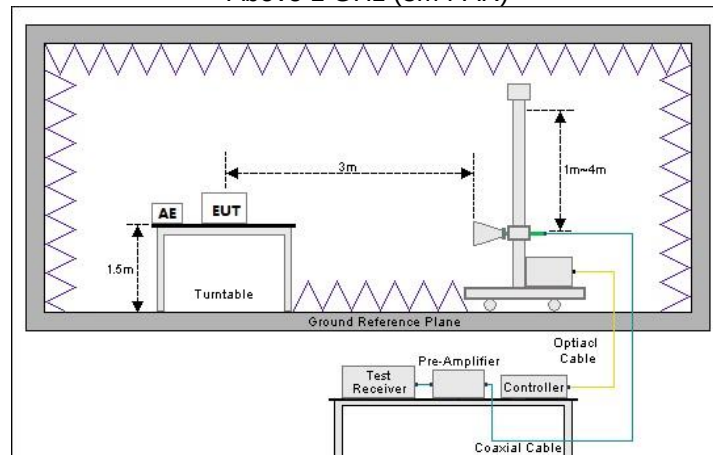
4.1 Test Setup

Radiated emission measurement:

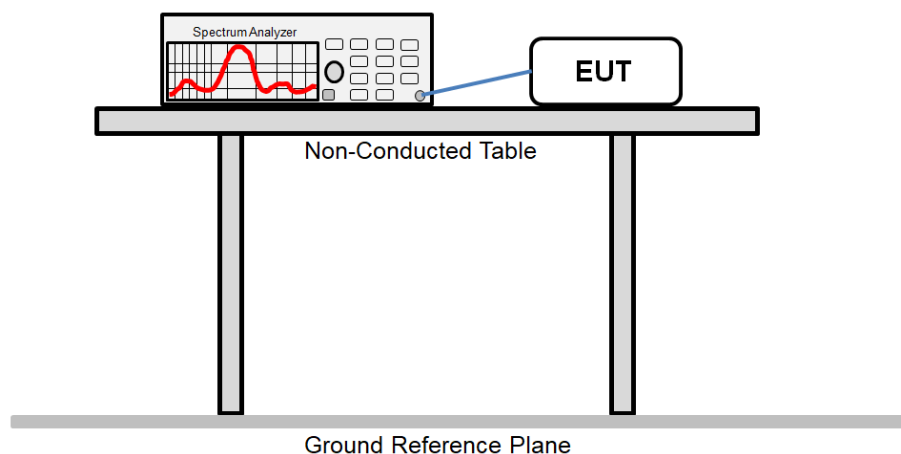
30 MHz – 1000 MHz (3m SAC)



Above 1 GHz (3m FAR)



Conducted test method:



4.2 Test Procedure

Test method	Test step
Radiated emission	1. The EUT was placed on the tabletop of a rotating table 0.8 m the ground at a 3 m semi anechoic chamber. The measurement distance from the EUT to the receiving antenna is 3 m. 2. EUT works in each mode of operation that needs to be tested, and having the EUT continuously working, respectively on 3 axis (X, Y & Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations. 3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data.
Conducted test method	1. The antenna port of EUT was connected to the RF port of the spectrum analyzer through an RF cable. 2. The EUT is keeping in continuous transmission mode and tested in all modulation modes. 3. The test data is saved by the screenshot function of the spectrum analyzer.

5 Test Results

5.1 Summary

5.1.1 Clause and Data Summary

Test items	Standard clause	Test data	Result
Antenna Requirement	15.203	See Section 5.2	Pass
AC Power Line Conducted Emission	15.207	N/A	N/A
20dB Bandwidth	15.231 (c)	See Section 5.3	Pass
Field Strength of Fundamental	15.231 (b)	See Section 5.4	Pass
Field Strength of Spurious Emissions	15.209 15.231 (b)	See Section 5.5	Pass
Duration Time	15.231 (a)(1)	See Section 5.6	Pass
Remark: 1. Pass: The EUT complies with the essential requirements in the standard. 2. N/A: Not Applicable.			
Test Method:	ANSI C63.4-2014 ANSI C63.10-2013		

5.1.2 Test Limit

Test items	Limit																																												
20dB Bandwidth	The bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating above 70 MHz and below 900 MHz. For devices operating above 900 MHz, the emission shall be no wider than 0.5% of the center frequency. Bandwidth is determined at the points 20 dB down from the modulated carrier.																																												
Field Strength of Fundamental Field Strength of Spurious Emissions	<table><tr><th>Fundamental Frequency (MHz)</th><th>Field strength of fundamental (microvolts/meter)</th><th>Field strength of spurious emissions (microvolts/meter)</th></tr><tr><td>40.66 – 40.70</td><td>2250</td><td>225</td></tr><tr><td>70.00 – 130.00</td><td>1250</td><td>125</td></tr><tr><td>130.00 – 174.00</td><td>¹1250 to 3750</td><td>¹125 to 375</td></tr><tr><td>174.00 – 260.00</td><td>3750</td><td>375</td></tr><tr><td>260.00 – 470.00</td><td>¹3750 to 12500</td><td>¹375 to 1250</td></tr><tr><td>Above 470.00</td><td>12500</td><td>1250</td></tr></table> ¹Linear interpolations. (1) The above field strength limits are specified at a distance of 3 meters. The tighter limits apply at the band edges. (2) Intentional radiators operating under the provisions of this section shall demonstrate compliance with the limits on the field strength of emissions, as shown in the above table, based on the average value of the measured emissions. As an alternative, compliance with the limits in the above table may be based on the use of measurement instrumentation with a CISPR quasi-peak detector. The specific method of measurement employed shall be specified in the application for equipment authorization. If average emission measurements are employed, the provisions in § 15.35 for averaging pulsed emissions and for limiting peak emissions apply. Further, compliance with the provisions of § 15.205 shall be demonstrated using the measurement instrumentation specified in that section. (3) The limits on the field strength of the spurious emissions in the above table are based on the fundamental frequency of the intentional radiator. Spurious emissions shall be attenuated to the average (or, alternatively, CISPR quasi-peak) limits shown in this table or to the general limits shown in § 15.209, whichever limit permits a higher field strength: <table><tr><th>Frequency (MHz)</th><th>Limit (dBµV/m) @ 3m</th><th>Detector</th></tr><tr><td>30 – 88</td><td>40.0</td><td>Quasi-peak</td></tr><tr><td>88 – 216</td><td>43.5</td><td>Quasi-peak</td></tr><tr><td>216 – 960</td><td>46.0</td><td>Quasi-peak</td></tr><tr><td>960 – 1000</td><td>54.0</td><td>Quasi-peak</td></tr></table> Note: The more stringent limit applies at transition frequencies. <table><tr><th rowspan="2">Frequency</th><th colspan="2">Limit (dBµV/m) @ 3m</th></tr><tr><th>Average</th><th>Peake</th></tr><tr><td>Above 1 GHz</td><td>54.0</td><td>74.0</td></tr></table> Note: The measurement bandwidth shall be 1 MHz or greater.	Fundamental Frequency (MHz)	Field strength of fundamental (microvolts/meter)	Field strength of spurious emissions (microvolts/meter)	40.66 – 40.70	2250	225	70.00 – 130.00	1250	125	130.00 – 174.00	¹ 1250 to 3750	¹ 125 to 375	174.00 – 260.00	3750	375	260.00 – 470.00	¹ 3750 to 12500	¹ 375 to 1250	Above 470.00	12500	1250	Frequency (MHz)	Limit (dBµV/m) @ 3m	Detector	30 – 88	40.0	Quasi-peak	88 – 216	43.5	Quasi-peak	216 – 960	46.0	Quasi-peak	960 – 1000	54.0	Quasi-peak	Frequency	Limit (dBµV/m) @ 3m		Average	Peake	Above 1 GHz	54.0	74.0
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Frequency	Limit (dBµV/m) @ 3m																																												
	Average	Peake																																											
Above 1 GHz	54.0	74.0																																											
Duration Time	A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.																																												

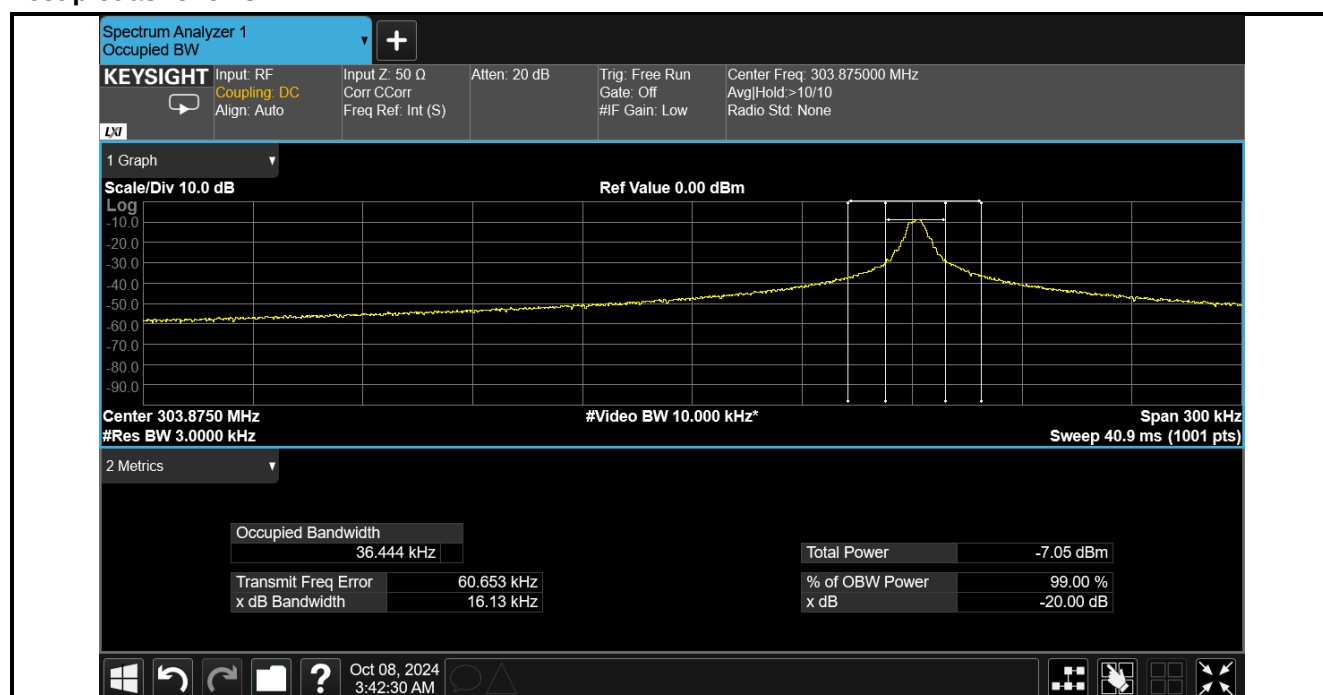
5.2 Antenna Requirement

Standard requirement:	FCC Part15 C Section 15.203
15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.	
E.U.T Antenna:	
The antenna of EUT is PCB Antenna which cannot replace by end-user. See product internal photos for details.	

5.3 20dB Bandwidth

20dB bandwidth (MHz)	Limit (MHz)	Results
0.01613	0.7597	Passed
Note: Limit = Fundamental frequency×0.25%=303.875×0.25%=0.7597MHz.		

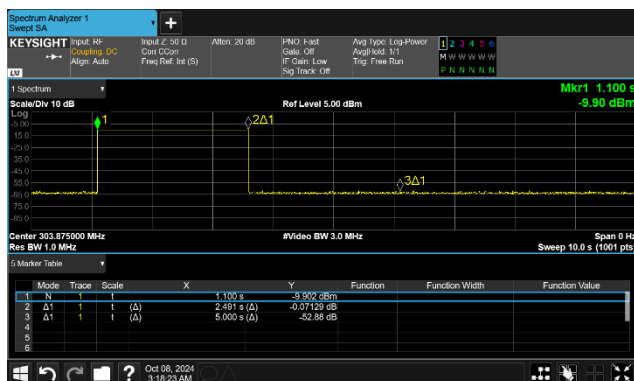
Test plot as follows:



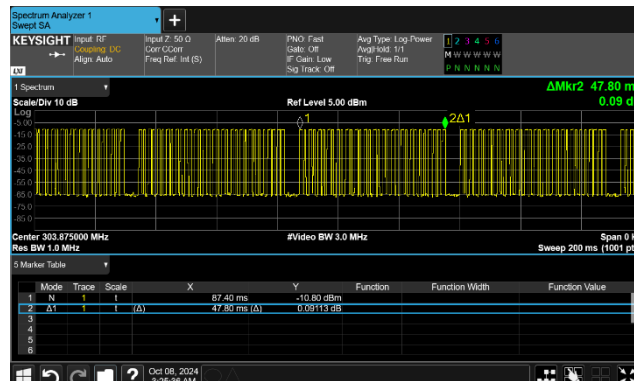
5.4 Field Strength of Fundamental

Peak value						
Frequency (MHz)	Read level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Polarization
304.1494	85.39	-12.99	72.40	94.93	22.53	Vertical
303.9554	93.77	-12.99	80.78	94.93	14.15	Horizontal
Average value						
Frequency (MHz)	Level (dBuV/m)	Duty cycle factor	Average value (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Polarization
314.9175	72.40	-6.55	65.85	74.93	9.08	Vertical
314.9175	80.78	-6.55	74.23	74.93	0.70	Horizontal
Duty Cycle Factor Calculate Formula:	Average value = Peak value + Duty Cycle Factor					
	Duty cycle factor = $20\log(\text{Duty cycle})$					
	Duty cycle = on time/100 milliseconds or period, whichever is less					
	T on time = $(17 \times 0.9)(\text{ms}) + (15 \times 0.48)(\text{ms}) = 22.5(\text{ms})$					
	T period = 47.82(ms)					
	Duty cycle = 47.05%					
	Duty cycle factor = $20\log(\text{Duty cycle}) = -6.55$					

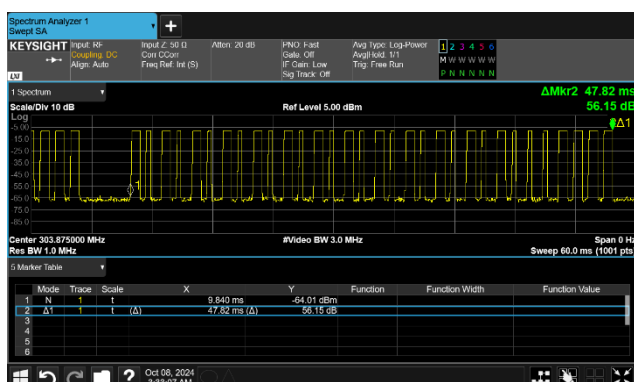
T period:



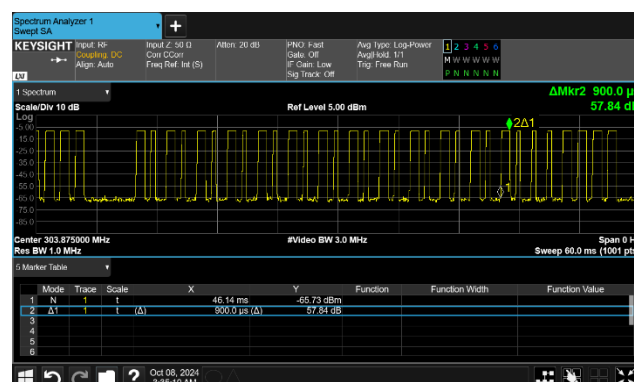
T 200ms:



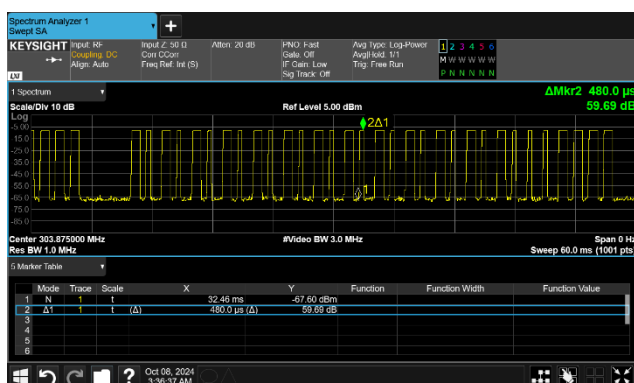
T 60ms slot-1:



T 60ms slot-2:

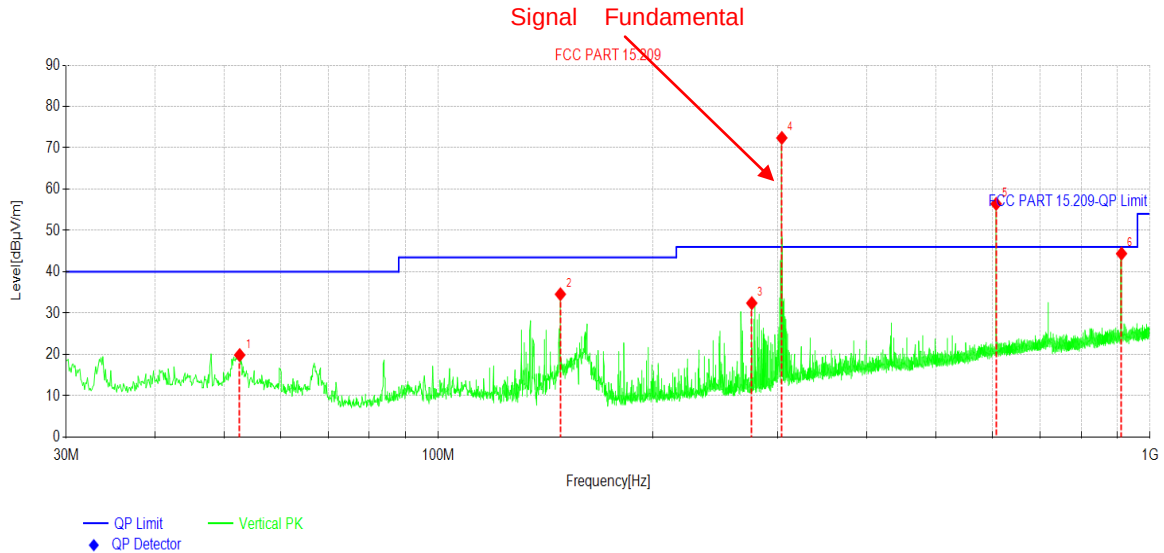


T 60ms slot-3:



5.5 Field Strength of Spurious Emissions

Product Name:	RF Wall Switch	Product Model:	RCB-1001D
Test By:	Alan Chen	Test mode:	Tx mode
Test Frequency:	30 MHz – 1000 MHz	Polarization:	Vertical
Test Voltage:	DC 3V		



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	52.6033	32.67	-12.81	19.86	40.00	20.14	PK	Vertical
2	148.4488	52.82	-18.24	34.58	43.50	8.92	PK	Vertical
3	275.7256	46.02	-13.60	32.42	46.00	13.58	PK	Vertical
4	303.8584	85.39	-12.99	72.40	94.93	22.53	PK	Vertical
5	607.8868	62.96	-6.52	56.44	74.93	18.49	PK	Vertical
6	911.8182	47.03	-2.63	44.40	74.93	30.53	PK	Vertical

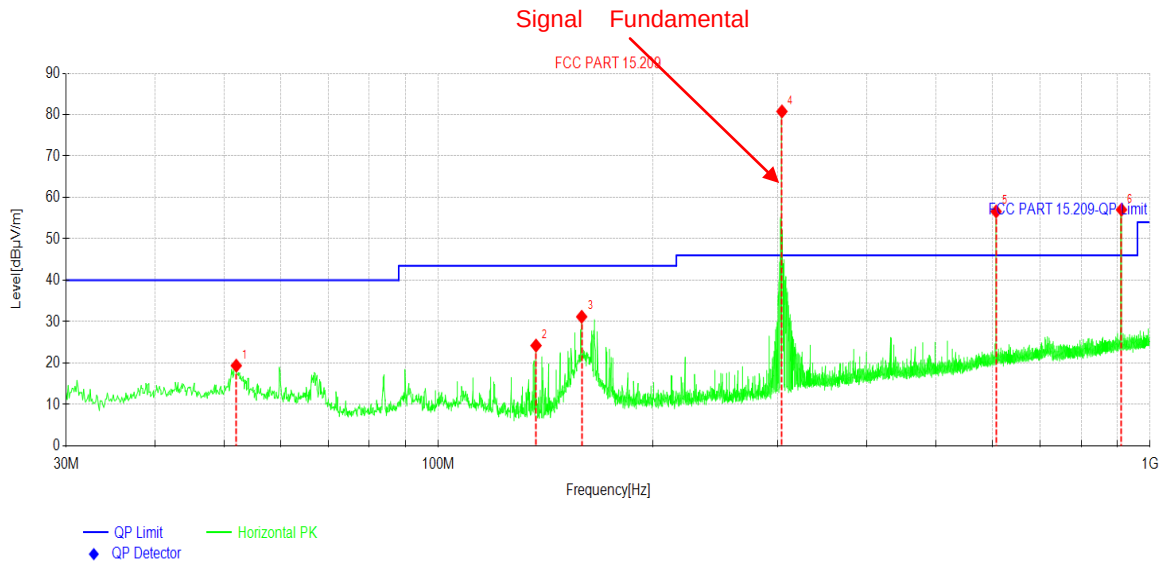
Suspected Data List(Average)

NO.	Freq. [MHz]	PK Level [dBμV/m]	Duty cycle factor	Average value [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	303.8584	72.40	-6.55	65.85	74.93	9.08	AV	Vertical
2	607.8868	56.44	-6.55	49.89	54.93	5.04	AV	Vertical
3	911.8182	44.40	-6.55	37.85	54.93	17.08	AV	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Product Name:	RF Wall Swtich	Product Model:	RCB-1001D
Test By:	Alan Chen	Test mode:	Tx mode
Test Frequency:	30 MHz – 1000 MHz	Polarization:	Horizontal
Test Voltage:	DC 3V		



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	52.0212	32.19	-12.81	19.38	40.00	20.62	PK	Horizontal
2	137.1957	42.43	-18.20	24.23	43.50	19.27	PK	Horizontal
3	159.0229	49.10	-17.91	31.19	43.50	12.31	PK	Horizontal
4	303.9554	93.77	-12.99	80.78	94.93	14.15	PK	Horizontal
5	607.7898	63.13	-6.52	56.61	74.93	18.32	PK	Horizontal
6	911.8182	59.66	-2.63	57.03	74.93	17.90	PK	Horizontal

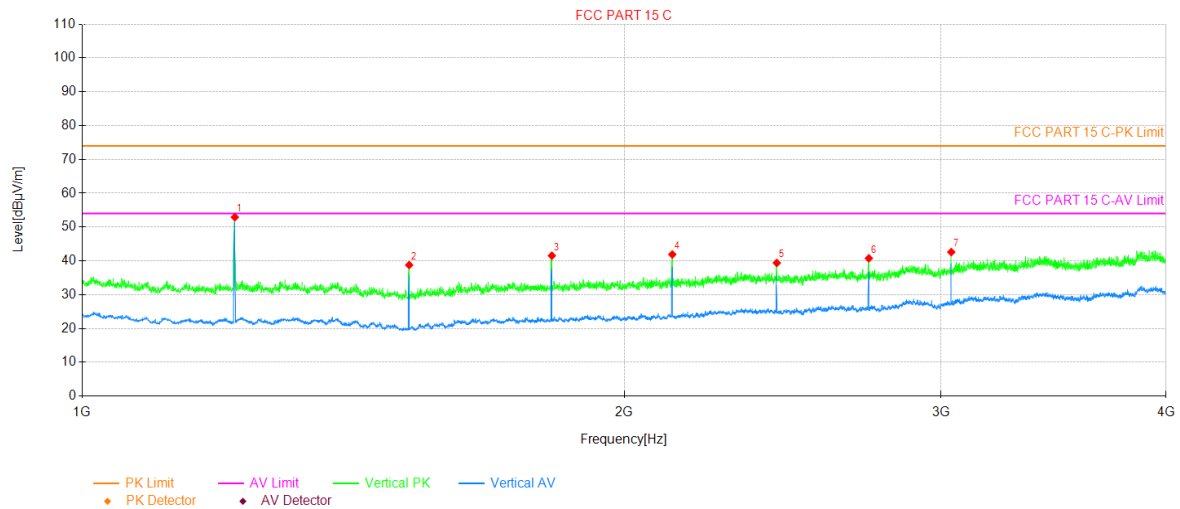
Suspected Data List(Average)

NO.	Freq. [MHz]	PK Level (dBμV/m)	Duty cycle factor	Average value (dBμV/m)	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	303.9554	80.78	-6.55	74.23	74.93	0.70	AV	Horizontal
2	607.7898	56.61	-6.55	50.06	54.93	4.87	AV	Horizontal
3	911.8182	57.03	-6.55	50.48	54.93	4.45	AV	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Product Name:	RF Wall Switch	Product Model:	RCB-1001D
Test By:	Real Chen	Test mode:	Tx mode
Test Frequency:	1000 MHz – 4000 MHz	Polarization:	Vertical
Test Voltage:	DC 3V		



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	1215.63	75.96	-23.05	52.91	74.00	21.09	285	PK	PASS	Vertical
2	1519.38	61.33	-22.56	38.77	74.00	35.23	230	PK	PASS	Vertical
3	1823.50	63.84	-22.30	41.54	74.93	33.39	326	PK	PASS	Vertical
4	2127.25	62.78	-20.88	41.90	74.93	33.03	358	PK	PASS	Vertical
5	2431.38	58.41	-19.02	39.39	74.93	35.54	223	PK	PASS	Vertical
6	2735.13	58.22	-17.46	40.76	74.00	33.24	230	PK	PASS	Vertical
7	3039.25	58.35	-15.74	42.61	74.93	32.32	99	PK	PASS	Vertical

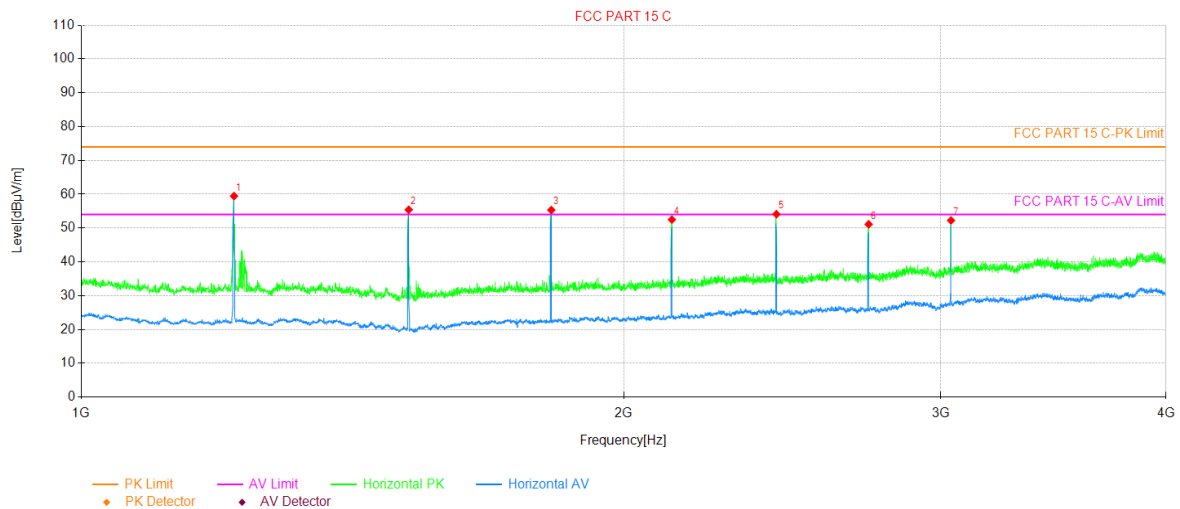
Suspected Data List(Average)

NO.	Freq. [MHz]	PK Level (dBμV/m)	Duty cycle factor	Average value (dBμV/m)	Limit [dBμV/m]	Margin [dB]	Detector	Verdict	Polarity
1	1215.63	52.91	-6.55	46.36	54.00	7.64	AV	PASS	Vertical
2	1519.38	38.77	-6.55	32.22	54.00	21.78	AV	PASS	Vertical
3	1823.50	41.54	-6.55	34.99	54.93	19.94	AV	PASS	Vertical
4	2127.25	41.90	-6.55	35.35	54.93	19.58	AV	PASS	Vertical
5	2431.38	39.39	-6.55	32.84	54.93	22.09	AV	PASS	Vertical
6	2735.13	40.76	-6.55	34.21	54.00	19.79	AV	PASS	Vertical
7	3039.25	42.61	-6.55	36.06	54.93	18.87	AV	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Product Name:	RF Wall Swtich	Product Model:	RCB-1001D
Test By:	Real Chen	Test mode:	Tx mode
Test Frequency:	1000 MHz – 4000 MHz	Polarization:	Horizontal
Test Voltage:	DC 3V		



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	1215.63	82.50	-23.05	59.45	74.00	14.55	333	PK	PASS	Horizontal
2	1519.75	77.96	-22.56	55.40	74.00	18.60	333	PK	PASS	Horizontal
3	1823.50	77.62	-22.30	55.32	74.93	19.61	48	PK	PASS	Horizontal
4	2127.25	73.36	-20.88	52.48	74.93	22.45	13	PK	PASS	Horizontal
5	2431.38	73.12	-19.02	54.10	74.93	20.83	333	PK	PASS	Horizontal
6	2735.50	68.57	-17.46	51.11	74.00	22.89	299	PK	PASS	Horizontal
7	3039.25	67.98	-15.74	52.24	74.93	22.69	97	PK	PASS	Horizontal

Suspected Data List(Average)

NO.	Freq. [MHz]	PK Level [dBμV/m]	Duty cycle factor	Average value [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Verdict	Polarity
1	1215.63	59.45	-6.55	52.90	54.00	1.10	AV	PASS	Horizontal
2	1519.75	55.40	-6.55	48.85	54.00	5.15	AV	PASS	Horizontal
3	1823.50	55.32	-6.55	48.77	54.93	6.16	AV	PASS	Horizontal
4	2127.25	52.48	-6.55	45.93	54.93	9.00	AV	PASS	Horizontal
5	2431.38	54.10	-6.55	47.55	54.93	7.38	AV	PASS	Horizontal
6	2735.50	51.11	-6.55	44.56	54.00	9.44	AV	PASS	Horizontal
7	3039.25	52.24	-6.55	45.69	54.93	9.24	AV	PASS	Horizontal

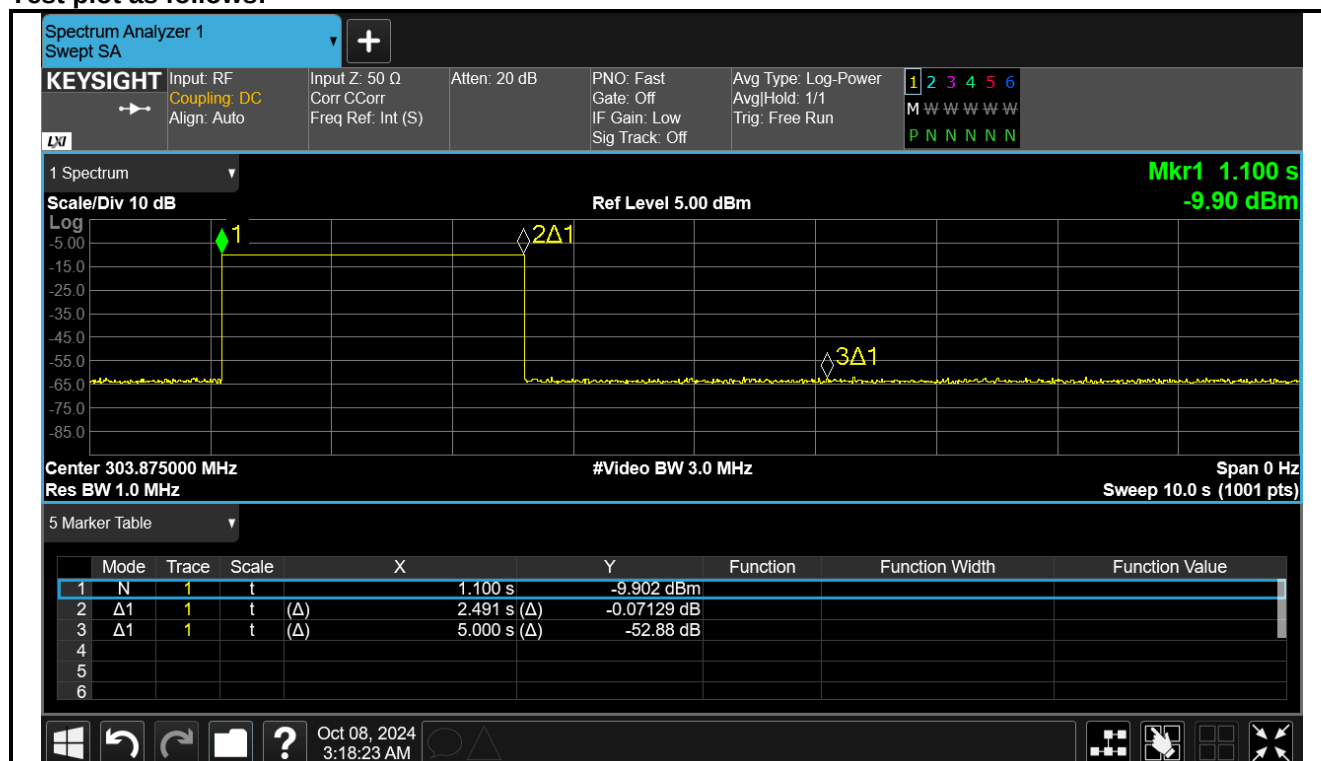
Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

5.6 Duration Time

Measurement monitoring	Result
The EUT automatically deactivate the transmitter within 5 seconds of switch being released.	Pass

Test plot as follows:



-----End of report-----