



FCC Test Report



Report Number : 6128626078101
Applicant : Immedia Semiconductor LLC
Product : Security Camera
Brand : blink
Model : BPM00100U
FCC ID : 2AF77-BPM00100U

Applicable Standard:

FCC Subpart 15.247

RESPONSIBLE FOR	NAME	SIGNATURE	DATE
Approved By	Jack Chang		2026-10-12
Prepared By	Ariel Hsu		2026-10-12

Signatures in this approval box have checked this document in line with the requirements of TÜV SÜD Product Service control rules.

EXECUTIVE SUMMARY

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1 General Information

1.1 Report Modification Record

Alterations and additions to this report will be issued to the holders of each copy in the form of a complete document.

Issue	Description of Change	Date of Issue
1	Initial Issue	2026-10-12

1.2 Introduction

The information contained in this report is intended to show verification of RF qualification approval. The testing requirements of the standards for the tests listed in Section 1.4.

Applicant : Immedia Semiconductor LLC
Address : 100 Riverpark Drive Suite 125, North Reading, Massachusetts, United States, 01864
Manufacturer : Amazon.com Services LLC
Brand Name : blink
Product Name : Security Camera
Model Number(s) : BPM00100U
Date of Receipt of EUT : 2026-08-20
Start of Test : 2026-09-29
Finish of Test : 2026-10-03
Test Laboratory : TÜV SÜD Asia Ltd., Taiwan Branch
7F., No. 37, Sec. 2, Zhongyang S. Rd., Beitou District, Taipei City 11270, R.O.C. Taiwan
Test Location : Guishan Laboratory
No. 31, Dinghu Road, Guishan District, Taoyuan City, TAIWAN (R.O.C.)

The test facility is accredited by TAF (member of ILAC), under number 2573 according to ISO/IEC 17025: 2017.

FCC OET Designation Number: TW2573

1.3 Reference Measurement Document

☒ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024

1.4 Brief Summary of Test Results

§ 15.247			
Clause	Test item	Result	Remark
§15.203	Antenna Requirement	Compliant	
§15.247(b)(1)	Peak Conducted Output Power	Compliant	
§15.247(a)(1)	20 dB Bandwidth	Compliant	
§15.247(a)(1)	Channel Carrier Separation	Compliant	
§15.247(a)(1)	Numbers of Hopping Frequency	Compliant	
§15.247(a)(1)	Time of Occupancy	Compliant	
§15.247(a)(1)	Conducted Spurious Emission	Compliant	
§15.247(d)& 15.209	Radiated Spurious Emissions and Band Edges	Compliant	
§15.207	AC Power Line Conducted Emission	Compliant	

2 General EUT Information

2.1 Technical Specification of EUT

Items	EUT information
Operating Frequency	902.4 MHz to 927.6 MHz
Number of Channels	64
Hardware Version	EVT
Software Version	113.0.40107
Operating Voltage	6Vdc from battery(1.5V*4) 5Vdc from Adapter(for testing)
Data Rate	Up to 50 kbps
Modulation	GFSK
TX Streaming Mode	☒ SISO ☐ MIMO, 2T2R ☐ 2TX for Diversity
Sample ID	Radiated Sample: Q-000107971-E9-028 Conducted Sample: Q-000107971-E2-009

TUV SÜD Asia Ltd assumes no responsibility for any technical specification (including antenna information) provided by the applicant.

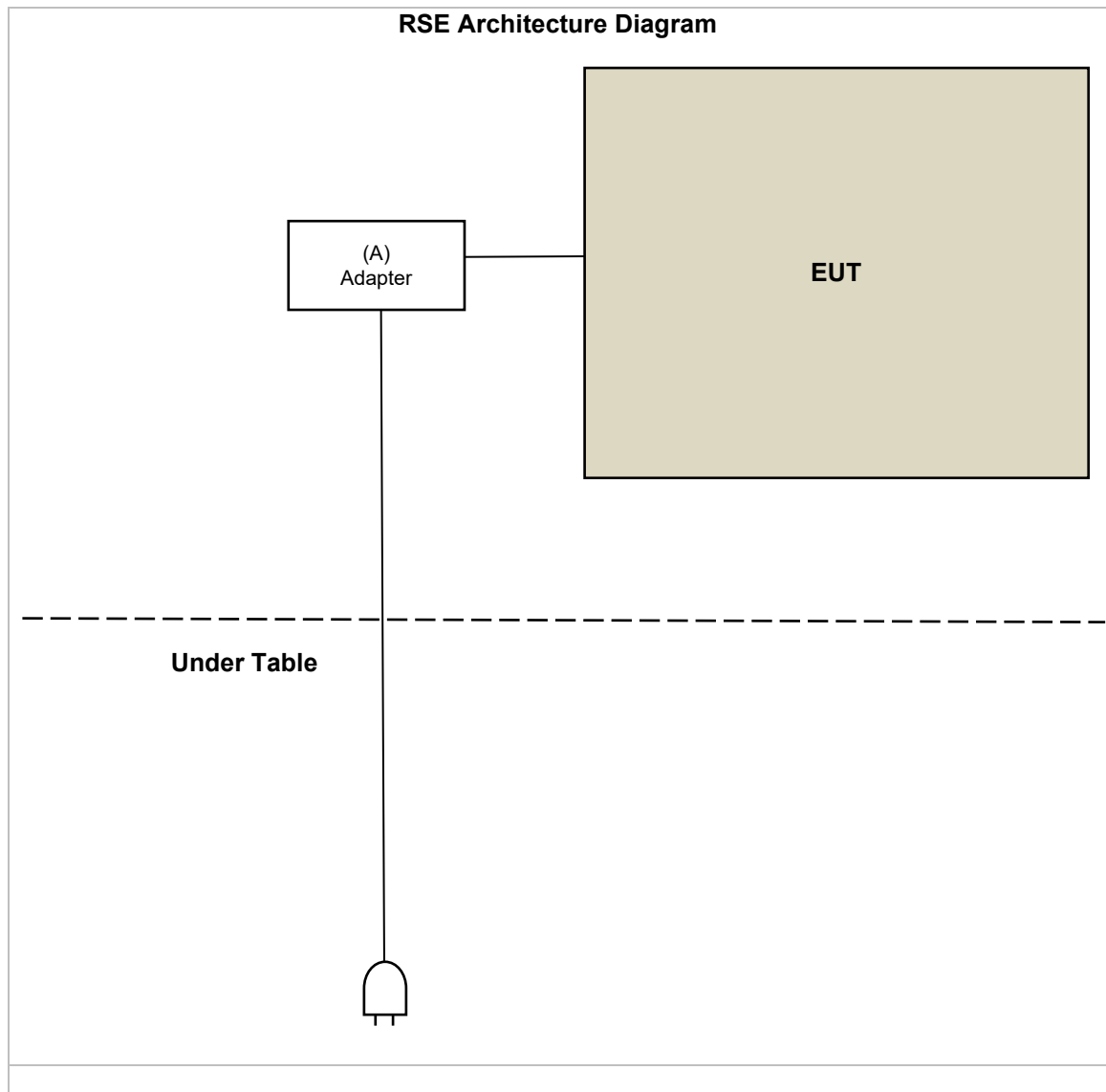
2.2 Antenna List

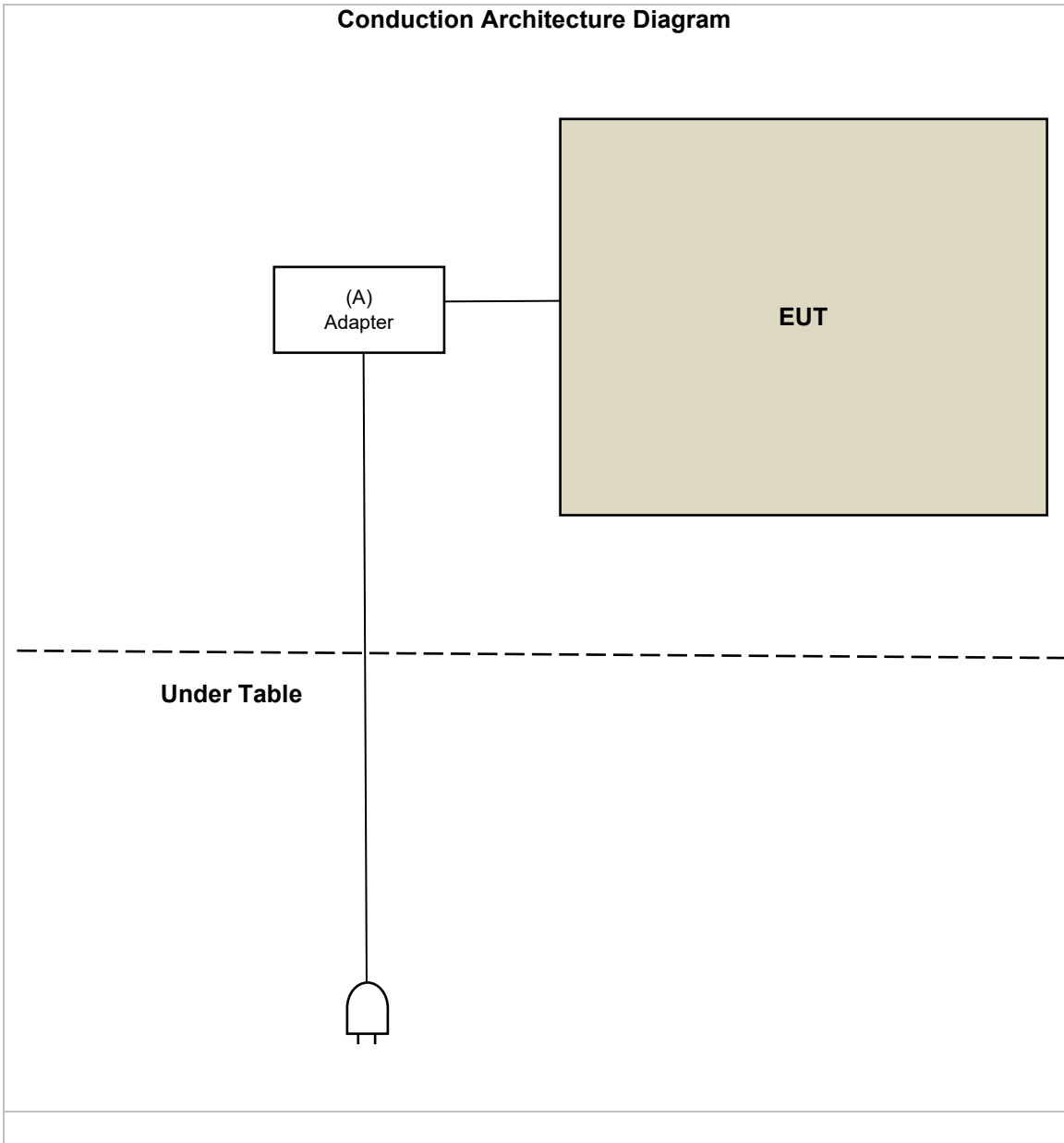
The antenna has been confirmed to be fully compliant with the requirements of FCC §15.203.

Antenna Type	Brand	Model	Connector	Freq. (MHz)	Peak Antenna Gain (dBi)
PIFA	Field Theory Consulting Inc.	FTISMM920	Permanently attached antenna	902 - 928	0.3
				2400 - 2480	1.2

3 EUT Setup Configuration

3.1 Block Diagram





3.2 Equipment used

No.	Product	Brand	Model No.	Serial No.	Remarks
A	Adapter	blink	BAH0410U	N/A	Provided by Client
B	Test Software*	N/A	Compliance (1.0.1.80)	N/A	Provided by Client

*The software is used to configure the EUT on the desired channel, BW and power settings for compliance testing.

3.3 Cable(s) used

N/A

3.4 Channel List and Power Setting

Channel Number	Frequency (MHz)	Power Setting	Channel Number	Frequency (MHz)	Power Setting	Channel Number	Frequency (MHz)	Power Setting
01	902.4	13	23	911.2	13	45	920	13
02	902.8	13	24	911.6	13	46	920.4	13
03	903.2	13	25	912	13	47	920.8	13
04	903.6	13	26	912.4	13	48	921.2	13
05	904	13	27	912.8	13	49	921.6	13
06	904.4	13	28	913.2	13	50	922	13
07	904.8	13	29	913.6	13	51	922.4	13
08	905.2	13	30	914	13	52	922.8	13
09	905.6	13	31	914.4	13	53	923.2	13
10	906	13	32	914.8	13	54	923.6	13
11	906.4	13	33	915.2	13	55	924	13
12	906.8	13	34	915.6	13	56	924.4	13
13	907.2	13	35	916	13	57	924.8	13
14	907.6	13	36	916.4	13	58	925.2	13
15	908	13	37	916.8	13	59	925.6	13
16	908.4	13	38	917.2	13	60	926	13
17	908.8	13	39	917.6	13	61	926.4	13
18	909.2	13	40	918	13	62	926.8	13
19	909.6	13	41	918.4	13	63	927.2	13
20	910	13	42	918.8	13	64	927.6	13
21	910.4	13	43	919.2	13			
22	910.8	13	44	919.6	13			

3.5 Test Configuration

The EUT was configured to operate at its maximum power control level and set to a continuous transmitting and receiving state via the test software for all testing procedures.

3.5.1 RF Conducted Measurement

Test Item	Mode	Tested Channel	Date Rate (kbps)
Duty Cycle Correction Factor Peak Output Power Bandwidth Measurement Number of Hopping Frequency Channel Carrier Separation Time of Occupancy Conducted Spurious Emission	SRD	1 ,33 ,64	50

3.5.2 Radiated Spurious Emission

☒ Mobile Device

☐ Portable Device and 3 axis (X, Y, Z) were assessed. ☐ Lie(X) ☐ Stand(Y) ☐ Side(Z) was identified as the worst-case and is presented in the report.

The emission tests were performed with the EUT and accessories arranged and configured in a manner that tends to produce maximum emissions.

Radiated Spurious Emissions (Below 1 GHz)

Below tested channels were the worst-case of each modulation family determined in accordance with ANSI C63.10, clause 5.6.2.2 (b).

Mode	Tested Channel	Date Rate (kbps)
SRD	1 ,33 ,64	50

Radiated Spurious Emissions (Above 1 GHz)

☒ Following channel(s) was (were) selected for the final test as listed below.

Test Item	Mode	Tested Channel	Date Rate (kbps)
Spurious Emission	SRD	1 ,33 ,64	50

AC Power Line Conducted Emission

☐ N/A, the device was powered by battery.

☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Available Frequency (MHz)	Tested Channel	Date Rate (kbps)
Tx	902.4 – 927.6	-	50

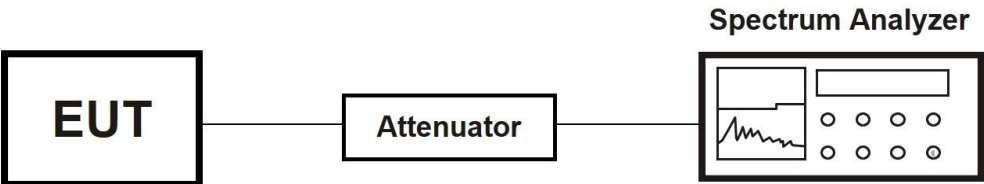
3.6 Test Condition

Test Item	Ambient Temperature	Relative Humidity	Tested by
Conducted Measurement	20 - 24 °C	50-68 %	Kevin Syu
Radiated Spurious Emissions	20 - 24 °C	50-68 %	Sam Huang
AC Power Line Conducted Emission	20 - 24 °C	50-68 %	Sam Huang

4 Technical Requirements

4.1 Duty Cycle Correction Factor

4.1.1 Block Diagram



4.1.2 Measurement procedure

Duty Cycle measurement is performed in accordance with the procedures of ANSI C63.10, clause 11.6. The EUT shall be configured to operate at the maximum achievable duty cycle.

Spectrum Parameters	Setting
Centre Frequency	equal to the centre of the transmission
Span	Zero Span
RBW	≥ EBW, or the largest available value
VBW	≥ RBW
Detector	Peak
Sweep Points	≥32001

4.1.3 Limit

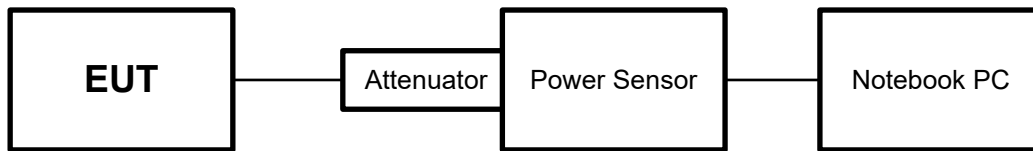
N/A, the duty cycle measurement was a reference value.

4.1.4 Result

N/A

4.2 Peak Conducted Output Power

4.2.1 Block Diagram



4.2.2 Measurement procedure

- 1) The measurement is performed in accordance with the procedures of ANSI C63.10, clause 7.8.5.
- 2) The power sensor which has video bandwidth greater than the OBW is used to measure the peak output power.

4.2.3 Limit

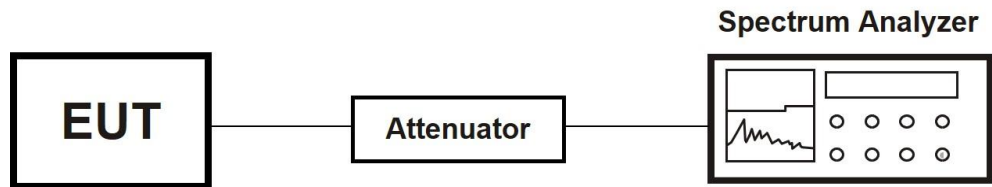
For frequency hopping systems operating in the 902-928 MHz band: 1 watt for systems employing at least 50 hopping channels; and, 0.25 watts for systems employing less than 50 hopping channels, but at least 25 hopping channels, as permitted under paragraph (a)(1)(i) of this section.

4.2.4 Measurement result

Refer to Appendix B

4.3 Bandwidth Measurement

4.3.1 Block Diagram



4.3.2 Measurement procedure

99% Occupied Bandwidth

Spectrum Parameters	Setting
Centre Frequency	equal to the centre of the transmission
Span	1.5 to 5 times the 99% OBW
RBW	1-5% of EBW or OBW
VBW	>3*RBW
Detector	Sample
Trace Mode	Single Sweep
Measurement Function	Use the 99% power bandwidth function of the spectrum.

20dB Bandwidth

Spectrum Parameters	Setting
Centre Frequency	equal to the centre of the transmission
Span	2 to 5 times the 20dB OBW
RBW	1-5% of EBW or OBW
VBW	>3*RBW
Detector	Peak
Trace Mode	Max hold
Measurement Function	Measure the maximum width of the emission that is 20 dB down from the maximum of the emission.

4.3.3 Limit

The maximum allowed 20 dB bandwidth of the hopping channel is 500 kHz.

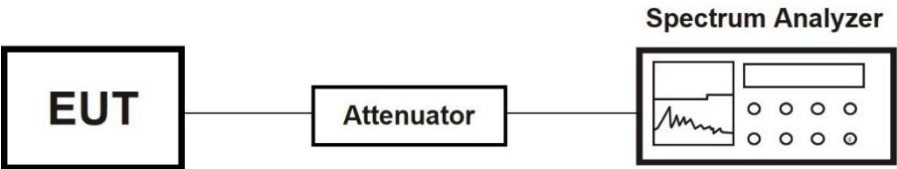
4.3.4 Measurement result

Refer to Appendix C



4.4 Channel Carrier Separation

4.4.1 Block Diagram



4.4.2 Measurement procedure

Spectrum Parameters	Setting
Centre Frequency	equal to the centre of the transmission
Span	Wide enough to capture the peaks of two adjacent channels
RBW	3 kHz
VBW	≥ RBW
Detector	Peak
Trace Mode	Max hold
Measurement Function	Marker-Delta to determine the separation of the adjacent channel

4.4.3 Limit

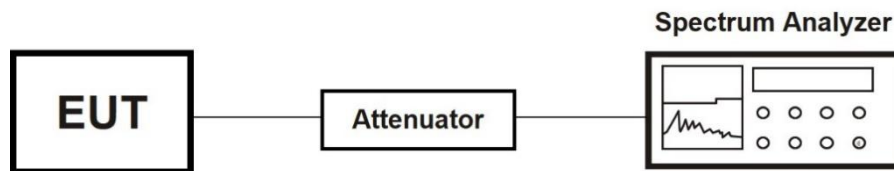
Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater.

4.4.4 Measurement result

Refer to Appendix D

4.5 Numbers of Hopping Frequency

4.5.1 Block Diagram



4.5.2 Measurement Procedure

Spectrum Parameters	Setting
Span	The frequency band of operation, e.g. 900 MHz to 930 MHz
RBW	30% of channel separation or 20 dB BW, whichever is smaller
VBW	>RBW
Detector	Peak
Trace Mode	Max hold
Measurement Function	Use peak search to identify the max value as the reference level

4.5.3 Limit

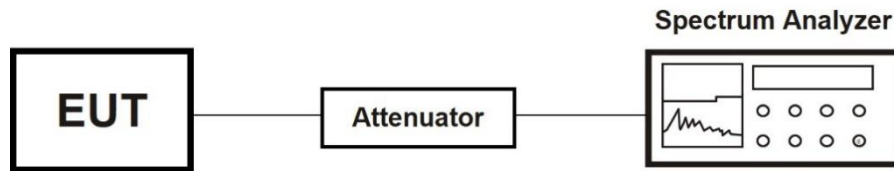
For frequency hopping systems operating in the 902-928 MHz band: if the 20 dB bandwidth of the hopping channel is less than 250 kHz, the system shall use at least 50 hopping frequencies ; if the 20 dB bandwidth of the hopping channel is 250 kHz or greater, the system shall use at least 25 hopping frequencies.

4.5.4 Test Result

Refer to Appendix E

4.6 Time of Occupancy

4.6.1 Block Diagram



4.6.2 Measurement Procedure

- 1) The spectrum shall be set following parameters.

Spectrum Parameters	Setting
Centre Frequency	equal to the centre of the transmission
Span	Zero span
RBW	$\leq$ channel spacing and $\gg 1 / T$
VBW	$\geq$ RBW
Detector	Peak
Trace Mode	Clear-write, single sweep
Measurement Function	Use delta-marker to measure the width of the burst

- 2) To determine the dwell time per hop, video trigger or trigger delay might need.
- 3) To determine the number of hops on a channel in the observation period. Sweep time shall be set sufficient to capture multiple hops. Count the number of hops on the channel across the sweep time and calculate the accuracy time.

4.6.3 Limit

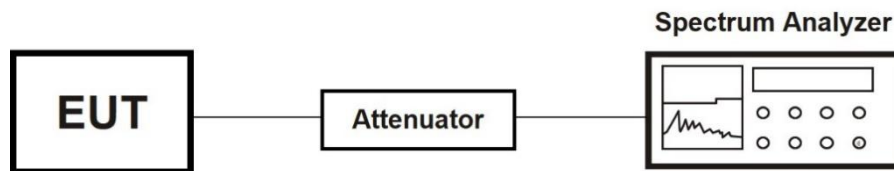
if the 20 dB bandwidth of the hopping channel is less than 250 kHz, the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 20 second period; if the 20 dB bandwidth of the hopping channel is 250 kHz or greater, the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 10 second period.

4.6.4 Test Result

Reference to Appendix F

4.7 Conducted Spurious Emission

4.7.1 Block Diagram



4.7.2 Measurement Procedure

Spectrum Parameters	Setting
Frequency Range	30 MHz to 10 th harmonics
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace Mode	Max hold
Measurement Function	Use the peak marker function to determine the maximum amplitude level

All emissions shall have 20 dB below reference level, or 30 dB below if average power was conducted as the reported power.

4.7.3 Limit

In any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, that the required attenuation shall be 30 dB instead of 20 dB.

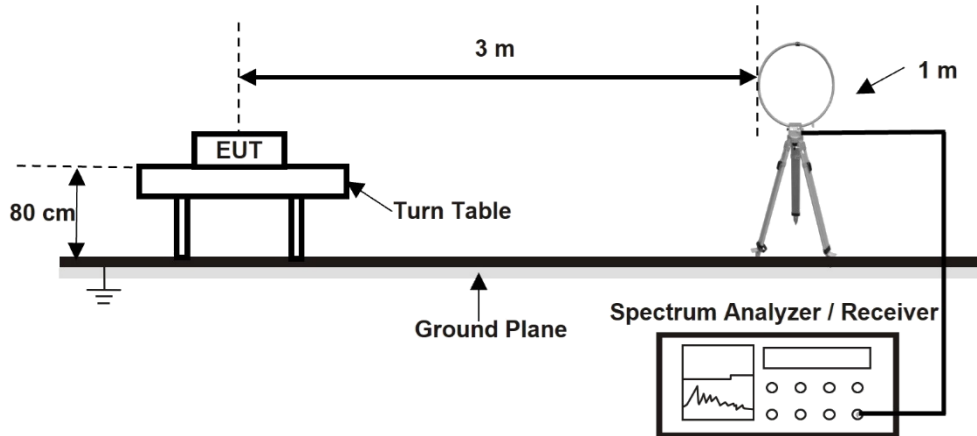
4.7.4 Test Result

Reference to Appendix G

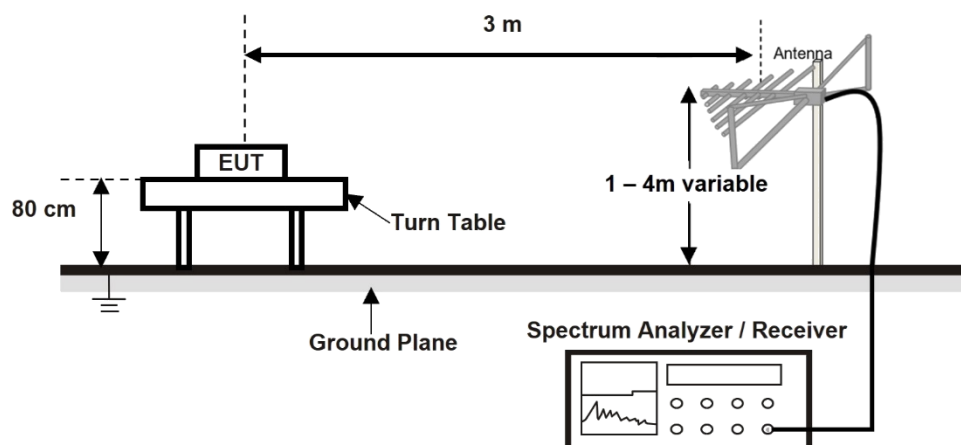
4.8 Radiated Spurious Emissions and Band Edges

4.8.1 Test Setup

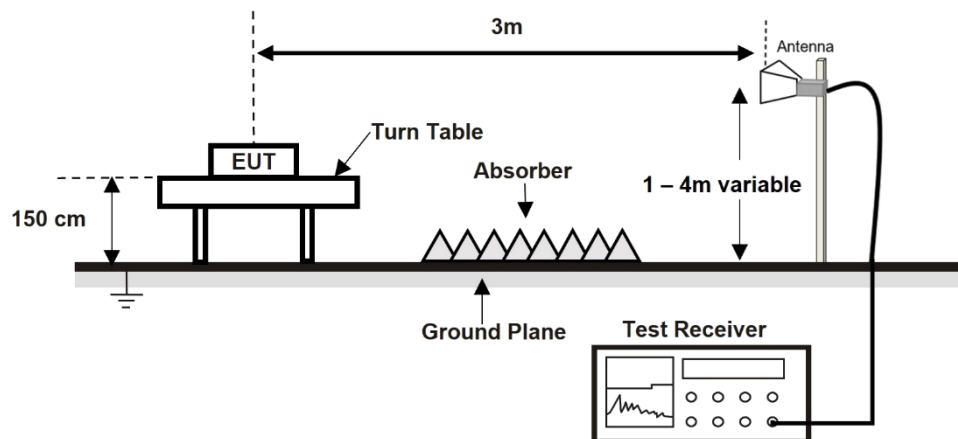
Radiated Emission Test Set-Up, Frequency Below 30MHz.



Radiated Emission Test Set-Up, Frequency From 30MHz to 1000MHz.



Radiated Emission Test Set-Up, Frequency Above 1 GHz.



4.8.2 Measurement procedure

For Frequency below 30 MHz

The EUT was setup in accordance with section 3.1 and 4.8.1. The EUT was placed on top of the turntable with a height of 0.8 m for measurement of frequencies below 30 MHz. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° while varying the measurement antenna height in Parallel (OPEN), perpendicular (CLOSE), and 4 m Parallel (OPEN), perpendicular (CLOSE), and ground-parallel (GROUND) orientations. The measurement shall be performed with the following spectrum setting.

The RBW/ VBW shall be set 9 kHz for the measurement with Q.P. Frequency ranges in 9-90 kHz and 110- 490 kHz are based on measurements employing average and peak detectors.

For Frequency from 30 MHz to 40 GHz

The EUT was setup in accordance with section 3.1 and 4.8.1. The EUT was placed on top of the turntable with a height of 0.8 m for measurement of frequencies below 1 GHz, and 1.5 m for measurement of frequencies above 1 GHz. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° while varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations. The measurement shall be performed with the following spectrum setting.

Frequency below 1 GHz:

Spectrum Analyzer is used for pre-testing with following setting:

1. RBW = 120kHz
2. VBW $\geq 3 \times$ RBW
3. Detector = Peak
4. Sweep time = auto
5. Trace mode = max hold
6. Allow sweeps to continue until the trace stabilizes.

If peak detection results satisfy the limit, Q.P. measurements are unnecessary; otherwise, a final Q.P. measurement must be performed.

Frequency above 1 GHz to 10th harmonic (up to 25 GHz):

Peak Measurement:

1. RBW = 1MHz
2. VBW $\geq 3 \times$ RBW.
3. Detector = Peak.
4. Sweep time = auto.
5. Trace mode = max hold.
6. Allow sweeps to continue until the trace stabilizes.

Where the peak values are below the average limit, further measurements using an average detector are not required.

Average Measurement:

☐ **Method 1:**

1. RBW = 1MHz
2. VBW $\geq 1/T$; the accurate VBW was presented in Appendix B
3. Detector = Peak.
4. Sweep time = auto.
5. Trace mode = max hold.
6. Allow sweeps to continue until the trace stabilizes.

☒ **Method 2:**

Average Emission Level (dBuV/m) = Peak Emission Level (dBuV/m) + D.C.C.F. (dB)

4.8.3 Limit

The maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits

Unwanted spurious emissions which fall in the restricted bands as specified in FCC §15.205 must comply with the radiated emission limits specified as below table:

Frequency (MHz)	Field strength ($\mu\text{V/m}$)	Distance (m)
0.009-0.490	$2400/F(\text{kHz})$	300
0.490-1.705	$24000/F(\text{kHz})$	30
1.705-30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Note: The lower limit shall apply at the transition frequencies.

Sample Calculation:

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

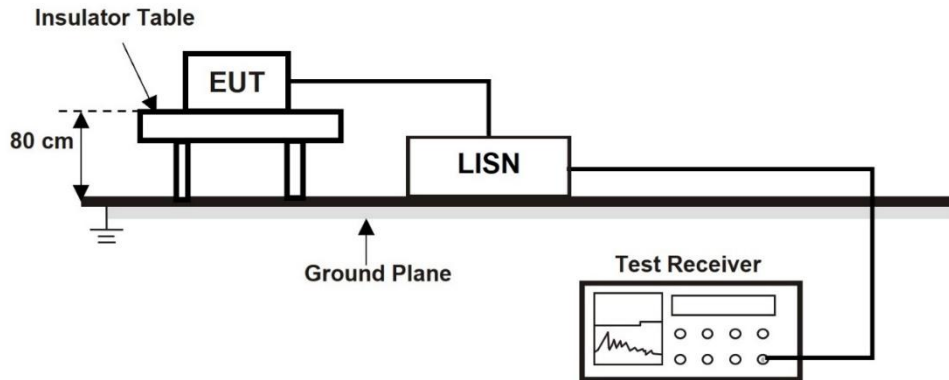
Peak Emission Level (dBuV/m) = Reading (dBuV) + Factor (dB/m)

4.8.4 Measurement result

Please refer to Appendix H

4.9 AC Power Line Conducted Emission

4.9.1 Test Setup



4.9.2 Measurement procedure

1. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/50 μ H of coupling impedance for the measuring instrument.
2. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
3. The frequency range from 150 kHz to 30 MHz was scanned. Emission levels more than 20 dB below the limit was not recorded.

4.9.3 Limit

Frequency range (MHz)	Limits (dB μ V)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50

Note

1. The lower limit shall apply at the transition frequencies
2. The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.50MHz.

4.9.4 Measurement result

Refer to Appendix I

5 Measurement Uncertainty

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

The conformity assessment statement in this report is based solely on the test results, measurement uncertainty is excluded.

Item	Measurement Uncertainty			
	Test Site	Description	U	Unit
AC Power Line Conducted Emission	Shielded Room A	0.15 – 30MHz	2.69	dB
Radiated Emission, Horizontal @3m distance	Chamber 966B	9kHz – 30MHz	2.61	dB
		30 – 1000MHz	1.82	dB
		1 – 18GHz	2.11	dB
		18 – 40GHz	2.41	dB
Radiated Emission, Vertical @3m distance	Chamber 966B	9kHz – 30MHz	2.61	dB
		30 – 1000MHz	1.8	dB
		1 – 18GHz	2.11	dB
		18 – 40GHz	2.41	dB
Frequency stability	RF Room	--	± 29	Hz
Time of Occupancy	RF Room	--	± 1.39	ms
Bandwidth Measurement	RF Room	6dB BW	± 29.78	kHz
	RF Room	20dB BW	± 46.91	kHz
	RF Room	26dB BW	± 55.99	kHz
	RF Room	99% OBW	± 28.95	kHz
Output Power	RF Room	Spectrum	± 1.44	dB
		Power Sensor	± 0.81	
Power Spectral Density	RF Room	--	± 1.44	dB
Conducted Spurious Emission	RF Room	--	± 1.69	dB

Appendix A. Test Equipment

Radiated Emission Measurement

Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
Spectrum Analyzer	R&S	FSV3044	101347	2026-07-20	1 Year
Test Receiver	R&S	ESR 7	102602	2026-08-11	1 Year
Horn (18-40G)	RF SPIN	DRH0844	LE2C01A0844	2025-12-19	1 Year
Horn (1-18G)	RF SPIN	DRH18-E	211218A18EN	2025-12-19	1 Year
Bi-Log Antenna	Schwarzbeck	VULB 9168	01496	2026-02-11	1 Year
Loop Antenna	TESEQ	HLA 6121	64165	2026-05-06	1 Year
Preamplifier (1-18G)	EMCI	EMC118A45SEE3	981150	2026-08-13	1 Year
Preamplifier (18-40G)	SGH	SGH184	20230214-8	2026-05-11	1 Year
Preamplifier (30M-1G)	EMCI	EMC330N-P	981122	2026-03-30	1 Year
Test Software	Audix	e3	221118, V9	NCR	NCR

*: NCR: No Calibration Required.

AC Power Line Conducted Emission

Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
Test Receiver	R&S	ESR7	102603	2026-07-30	1 Year
LISN	R&S	ENV216	101517	2025-10-31	1 Year
Test Software	Audix	e3	221118, V9	NCR	NCR

*: NCR: No Calibration Required.

RF Conducted Measurement

Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
Spectrum Analyzer	Keysight	N9010B	MY63440384	2026-07-13	1 Year
Power Sensor	Anritsu	MA24408A	12778	2026-03-12	1 Year
Test Software	Anritsu	MA24400A USB Peak Power Sensor	1.1.0.0	NCR	NCR
Test Software	Keysight	IOT0047A	24.11.25.17	NCR	NCR

*: NCR: No Calibration Required.

*: The calibrations of the above equipment are traceable to NIST or equivalent standards of the reference organizations.

Appendix B. Peak Conducted Output Power

Output Power

< SRD >

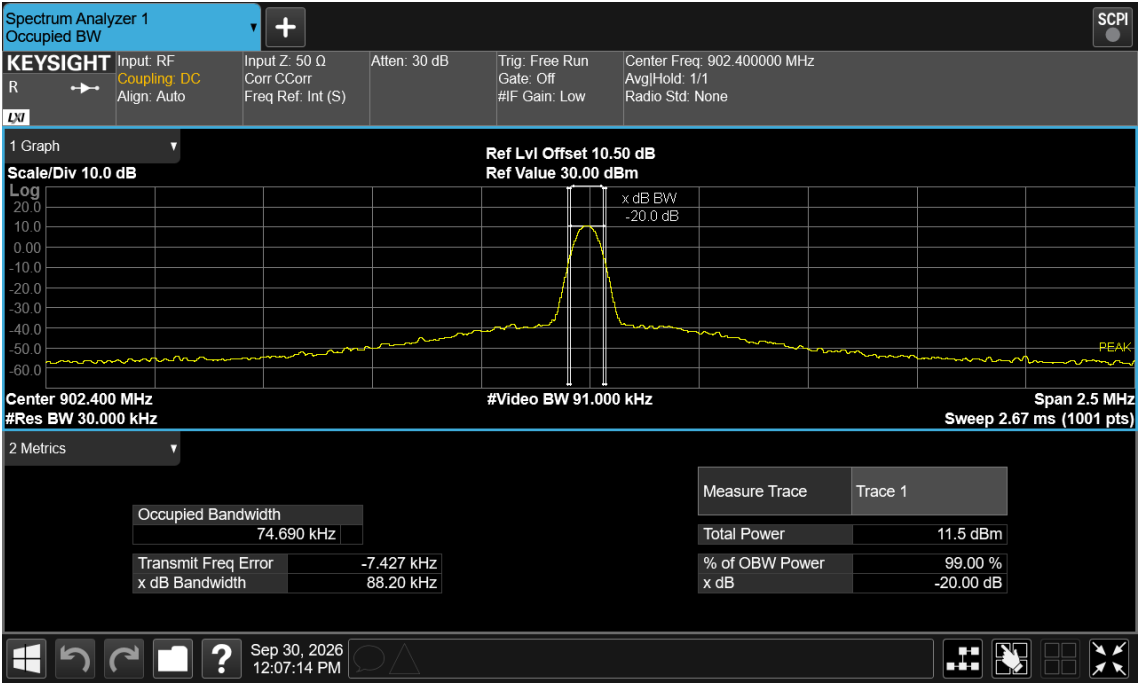
Channel	Channel Frequency	Peak Output Power		Average Output Power		Power Setting	Limit(dBm)
	(MHz)	(dBm)	(mW)	(dBm)	(mW)		
Low Channel	902.4	12.22	16.672472	11.95	15.667511	13	30
Middle Channel	915.2	12.39	17.338040	12.13	16.330519	13	30
High Channel	927.6	12.17	16.481624	11.9	15.488166	13	30



Appendix C. Bandwidth Measurement

20dB Bandwidth

Channel	Channel Frequency	20dB Bandwidth	Limit
	(MHz)	(MHz)	(MHz)
Low Channel	902.4	0.088	≤ 0.5
Mid Channel	915.2	0.088	
High Channel	927.6	0.088	

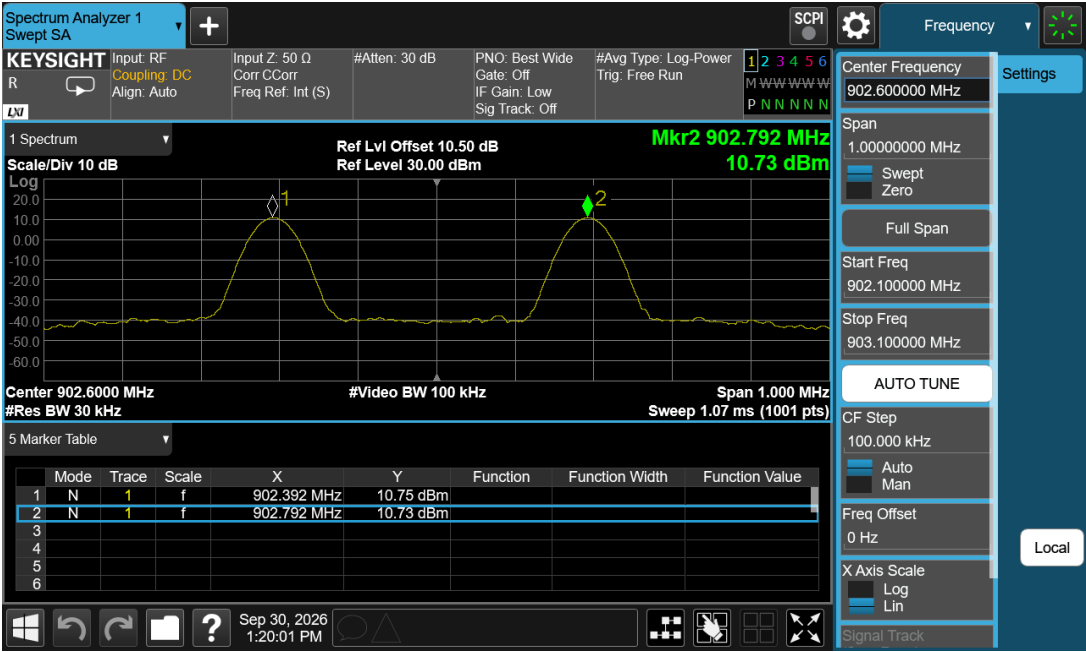




Appendix D. Channel Carrier Separation

Hopping Channel Separation

Channel	Channel Frequency	Hopping Channel Separation	Minimum Limit (MHz)
	(MHz)	(MHz)	
Low Channel	902.4	0.400	0.088
Mid Channel	915.2	0.400	0.088
High Channel	927.6	0.400	0.088

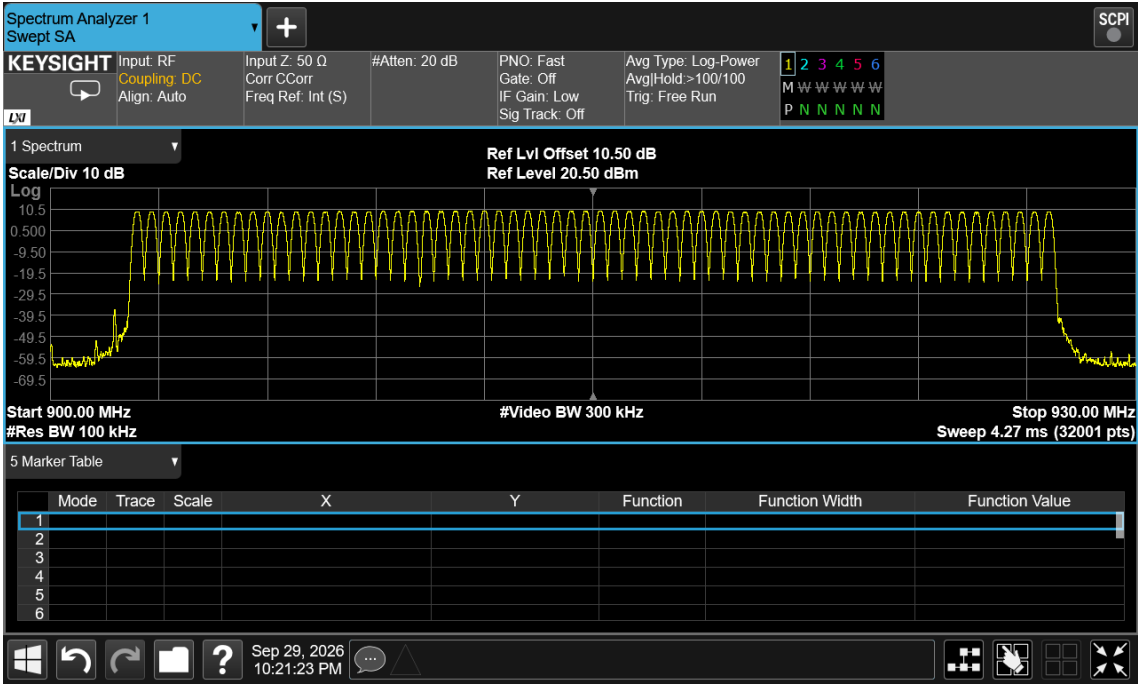




Appendix E. Numbers of Hopping Frequency

Hopping Frequency

Number of Hopping (Channel)	Limits (Channel)	Pass/Fail
64	≥50	Pass



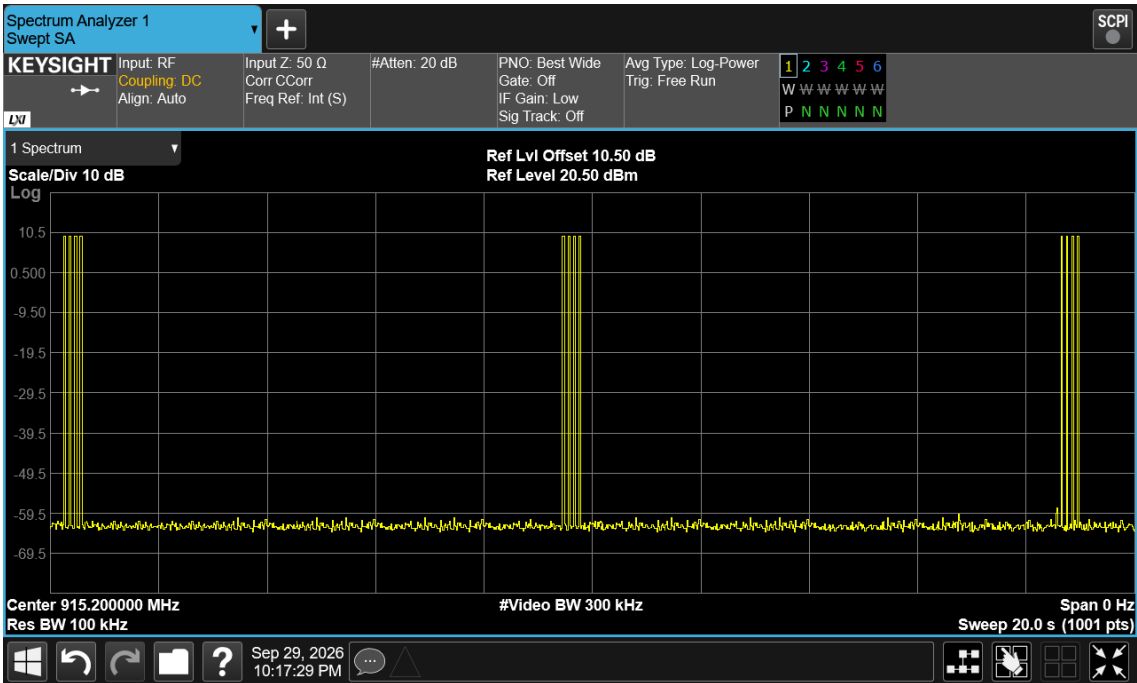
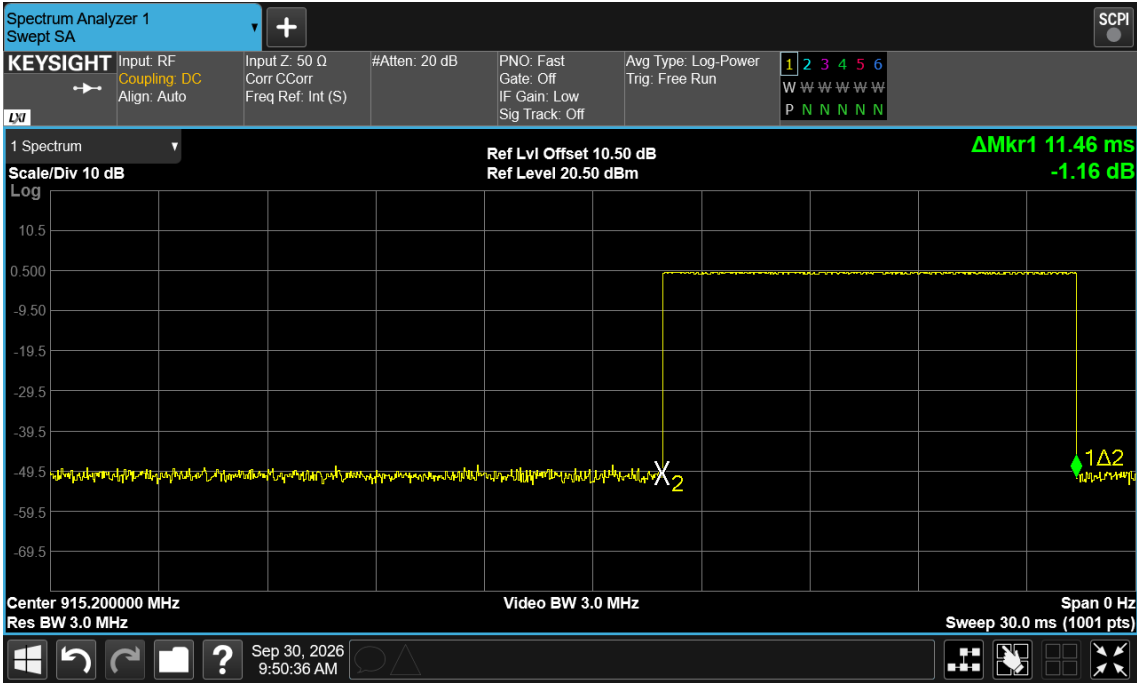
Appendix F. Time of Occupancy

Dwell Time

Mode	Number of transmission in 20 sec	Length of transmission time (msec)	Dwell Time (msec)	Limit (msec)
FHSS	12 times	11.46	137.52	400



Dwell Time

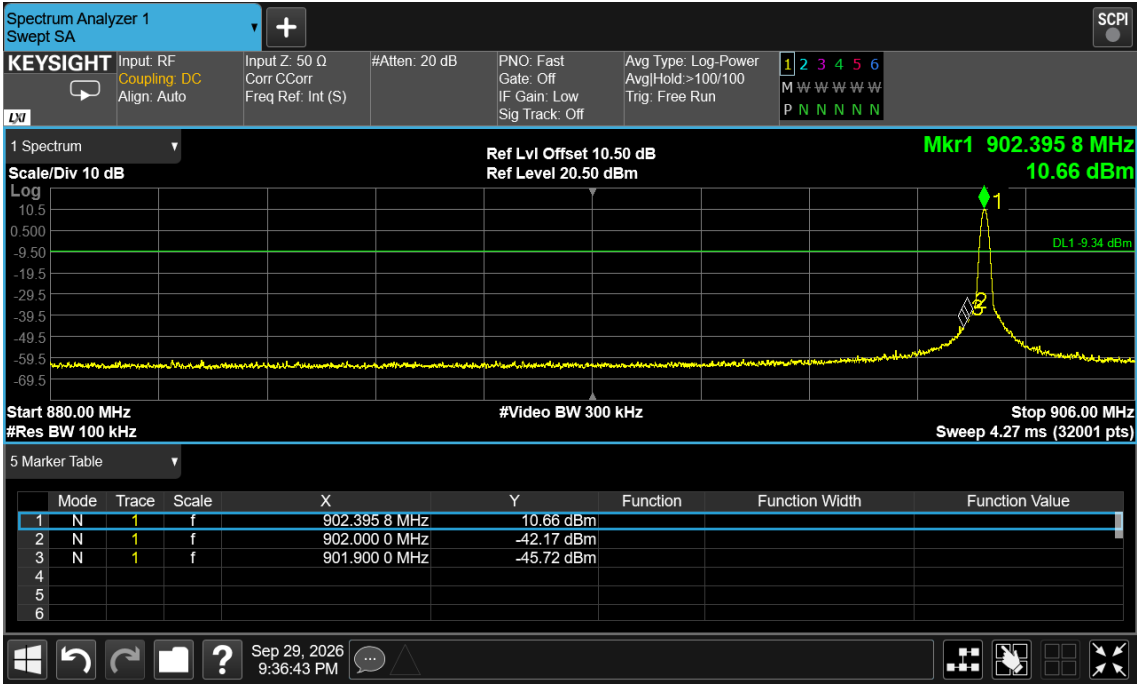




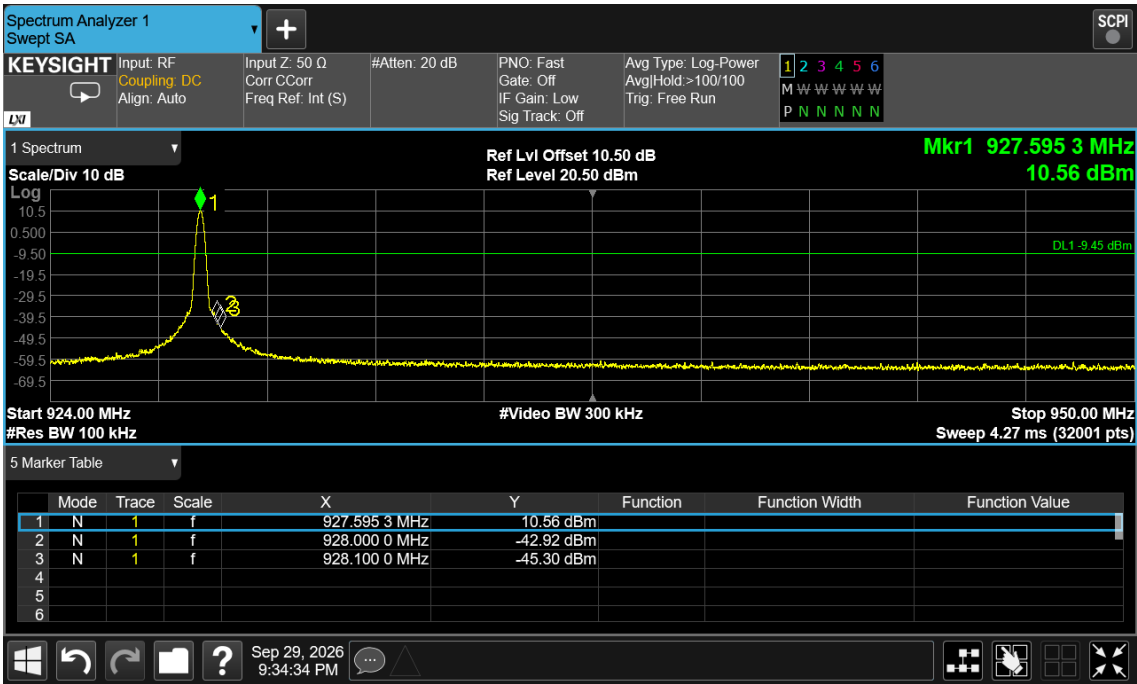
Appendix G. Conducted Spurious Emission

Band Edges

<Lowest Channel>



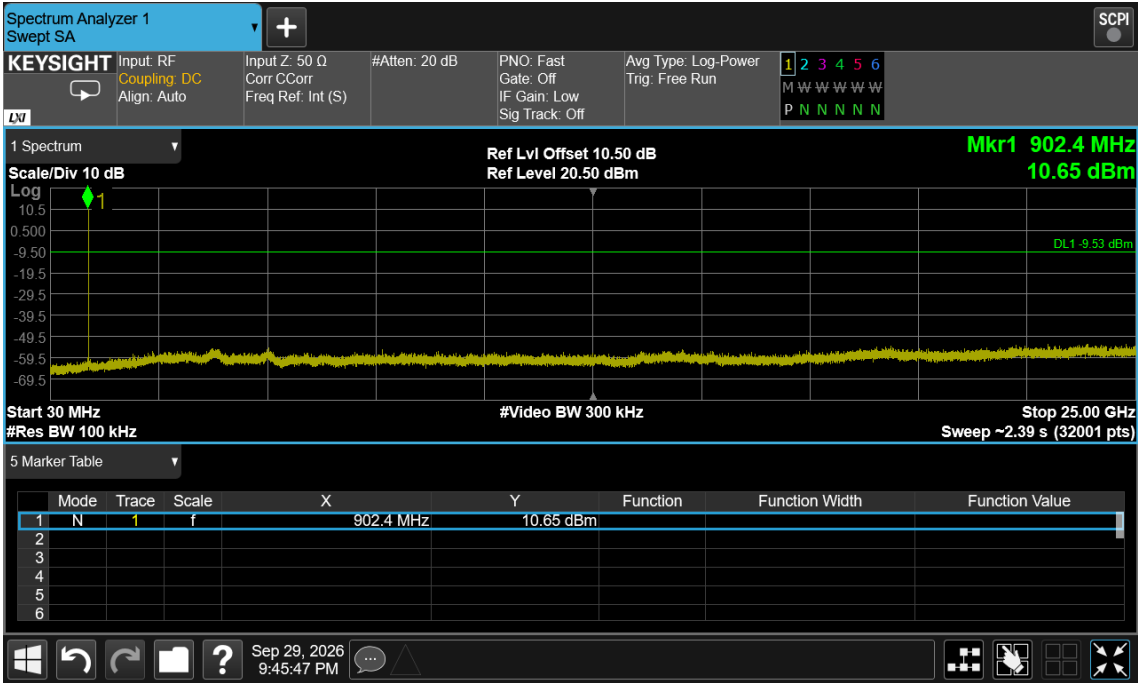
<Highest Channel>



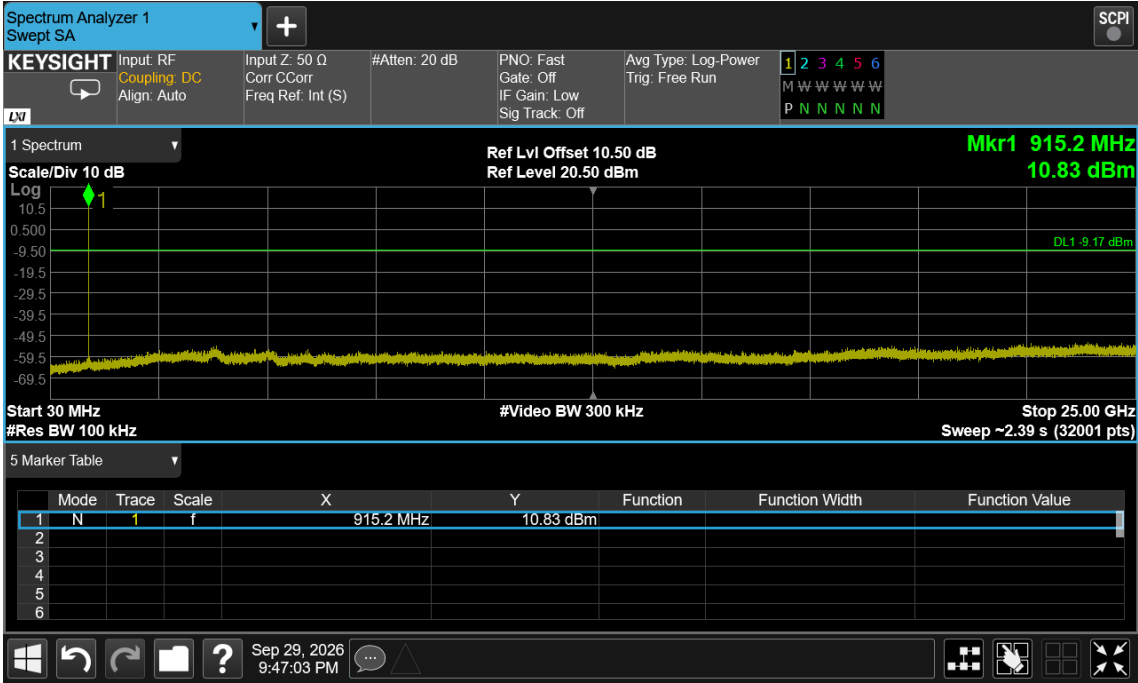


Conducted Spurious Emissions

<Lowest Channel>



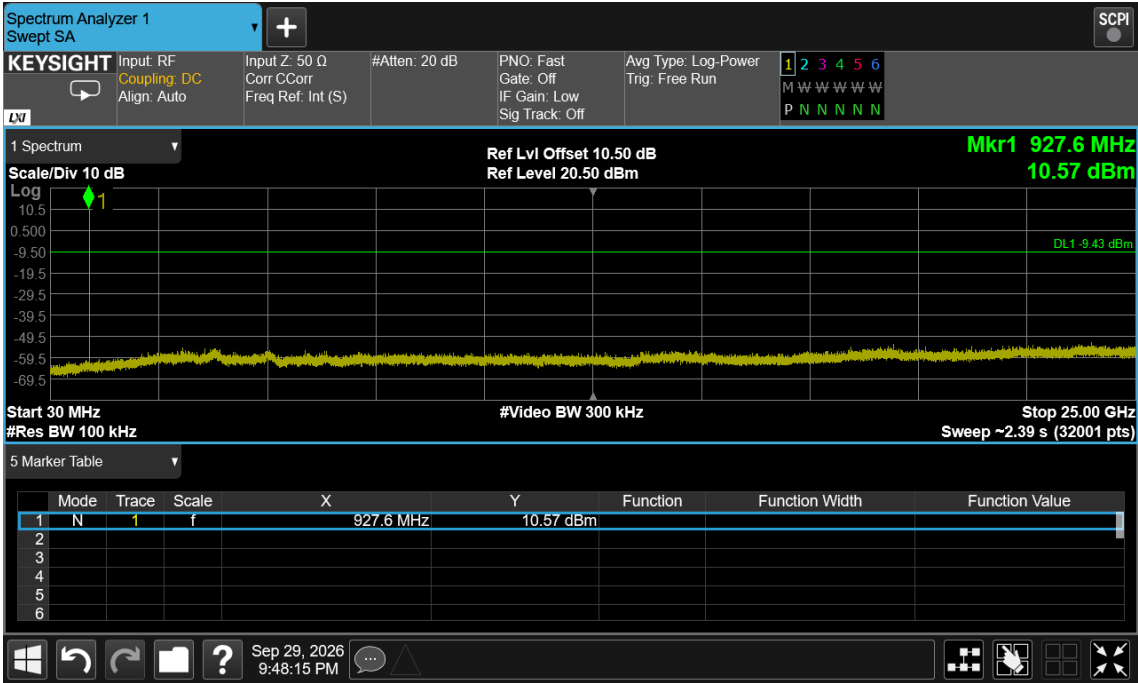
< Middle Channel >





Conducted Spurious Emissions

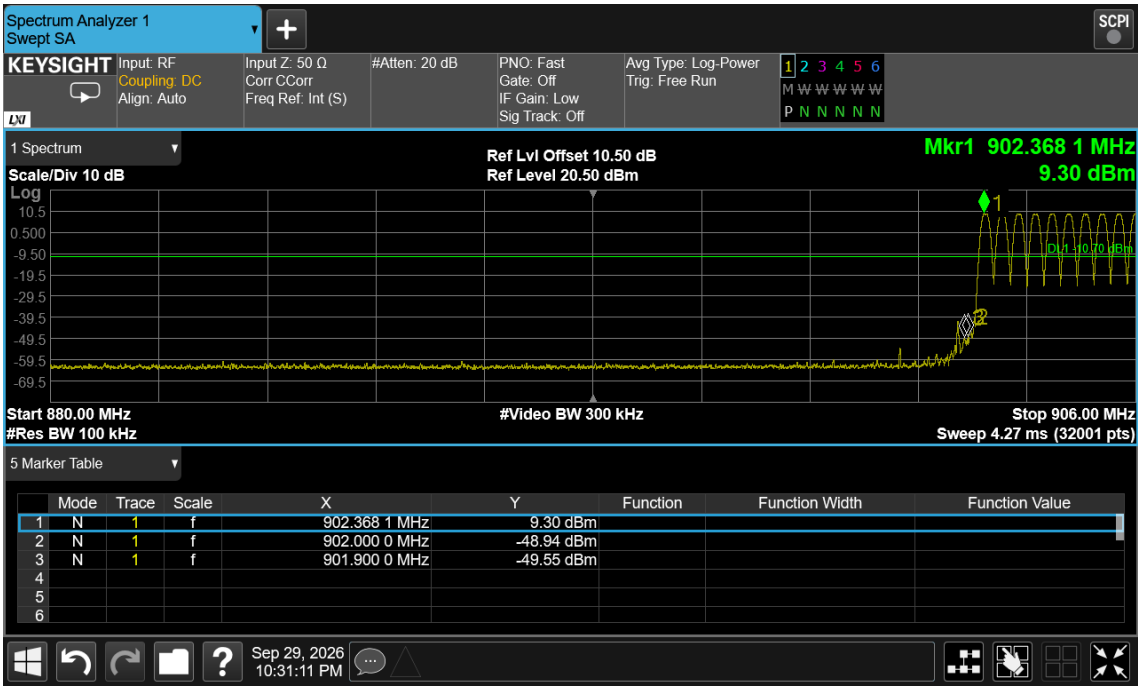
<Highest Channel>



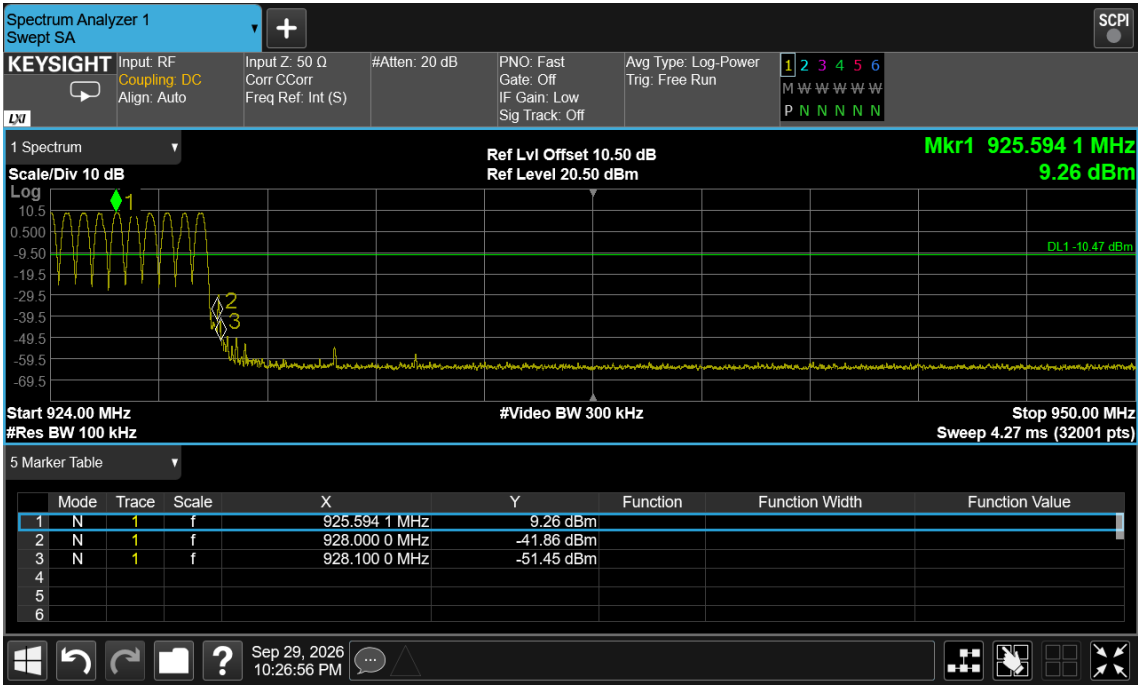


Band Edges Hopping mode

<Lowest Channel>



<Highest Channel>





Appendix H. Radiated Spurious Emissions and Band Edges

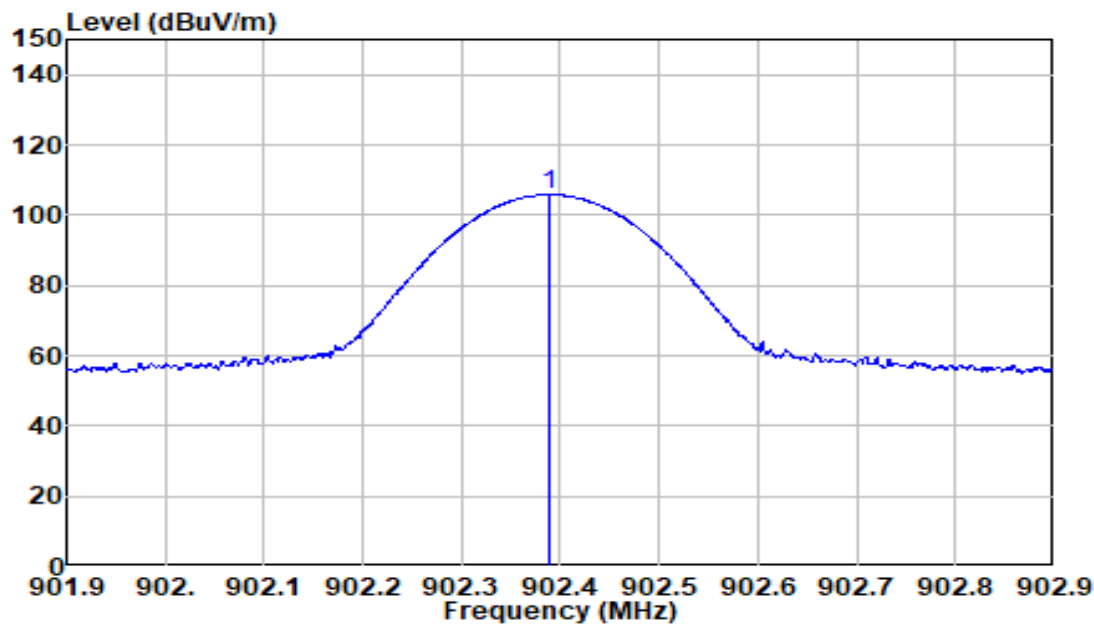
Frequency 9kHz~30MHz

The emissions (9kHz~30MHz) not reported for there is no emission be found.



Reference level for the measurement of 15.247(d)

Report	:6128626078101	Date	:2026-09-29
Test Site	:Chamber B	Temp/Humi	:22.4°C/57%
Antenna Pol	:Vertical	Test Engineer	:Sam Huang
Test Mode	:Main 902.4 MHz(SRD)	Plane	:Y Plane
Power setting	:13	Voltage	:5Vdc From Adapter
Note	:		



Freq.	Read LV.	Factor	Emission LV	Limit	Margin	Detector	Apos	TPos
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		CM	DEG
902.389	105.39	0.43	105.82	N/A	N/A	Peak	129	70

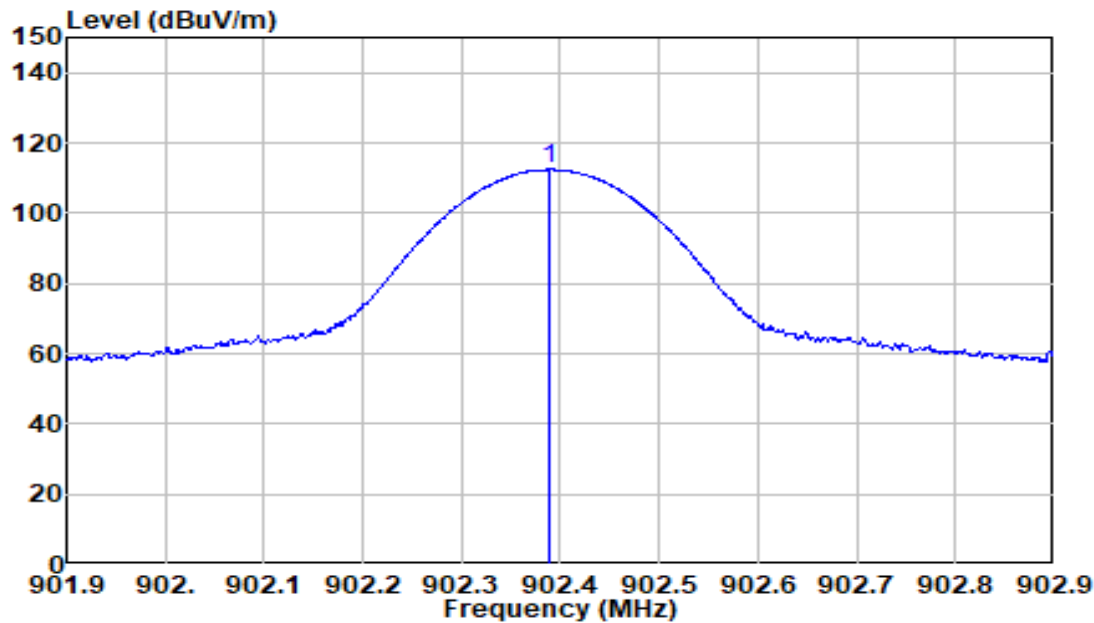


Report
Test Site
Antenna Pol
Test Mode
Power setting
Note

:6128626078101
:Chamber B
:Horizontal
:Main 902.4 MHz(SRD)
:13
:

Date
Temp/Humi
Test Engineer
Plane
Voltage

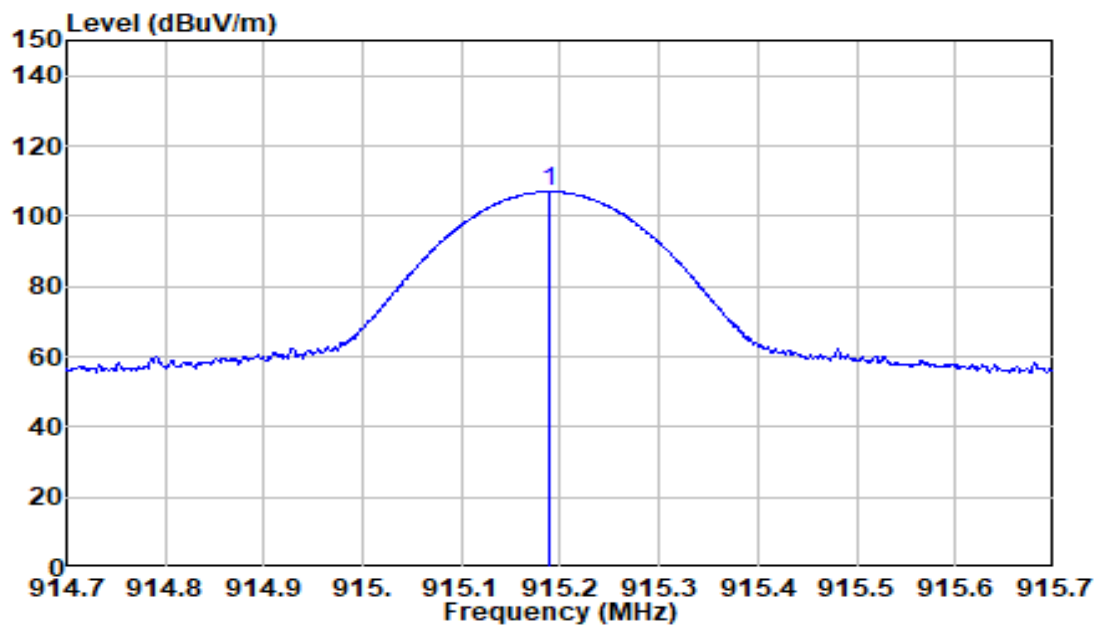
:2026-09-29
:22.4°C/57%
:Sam Huang
:Y Plane
:5Vdc From Adapter



Freq.	Read LV.	Factor	Emission LV	Limit	Margin	Detector	Apos	TPos
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		CM	DEG
902.389	111.95	0.43	112.37	N/A	N/A	Peak	100	17



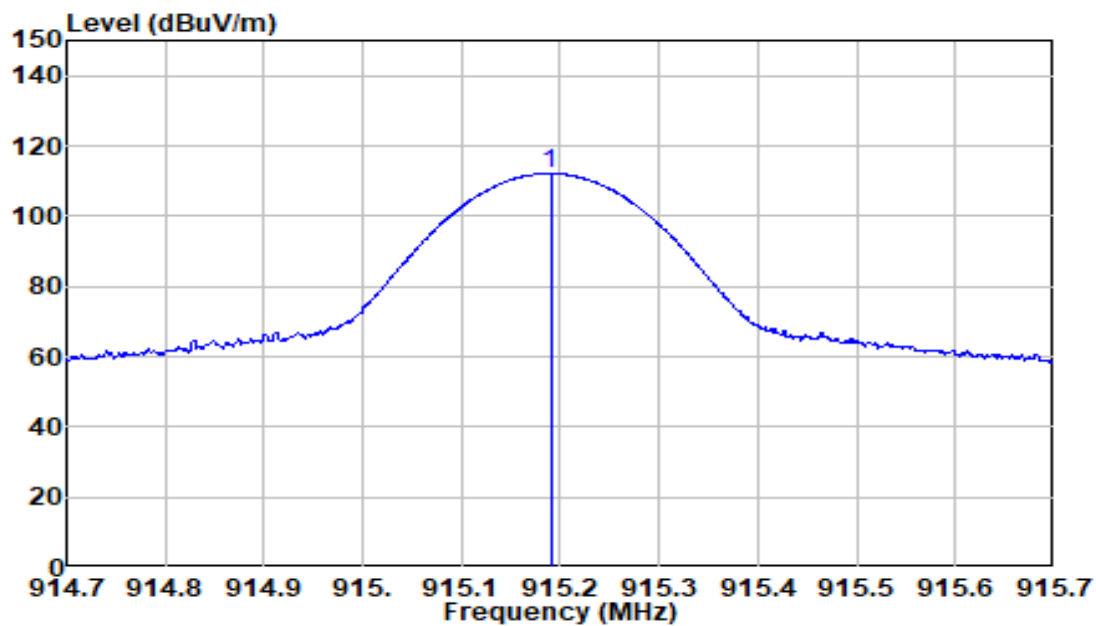
Report	:6128626078101	Date	:2026-09-29
Test Site	:Chamber B	Temp/Humi	:22.4°C/57%
Antenna Pol	:Vertical	Test Engineer	:Sam Huang
Test Mode	:Main 915.2 MHz(SRD)	Plane	:Y Plane
Power setting	:13	Voltage	:5Vdc From Adapter
Note	:		



Freq.	Read LV.	Factor	Emission LV	Limit	Margin	Detector	Apos	TPos
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		CM	DEG
915.189	106.26	0.67	106.93	N/A	N/A	Peak	117	72



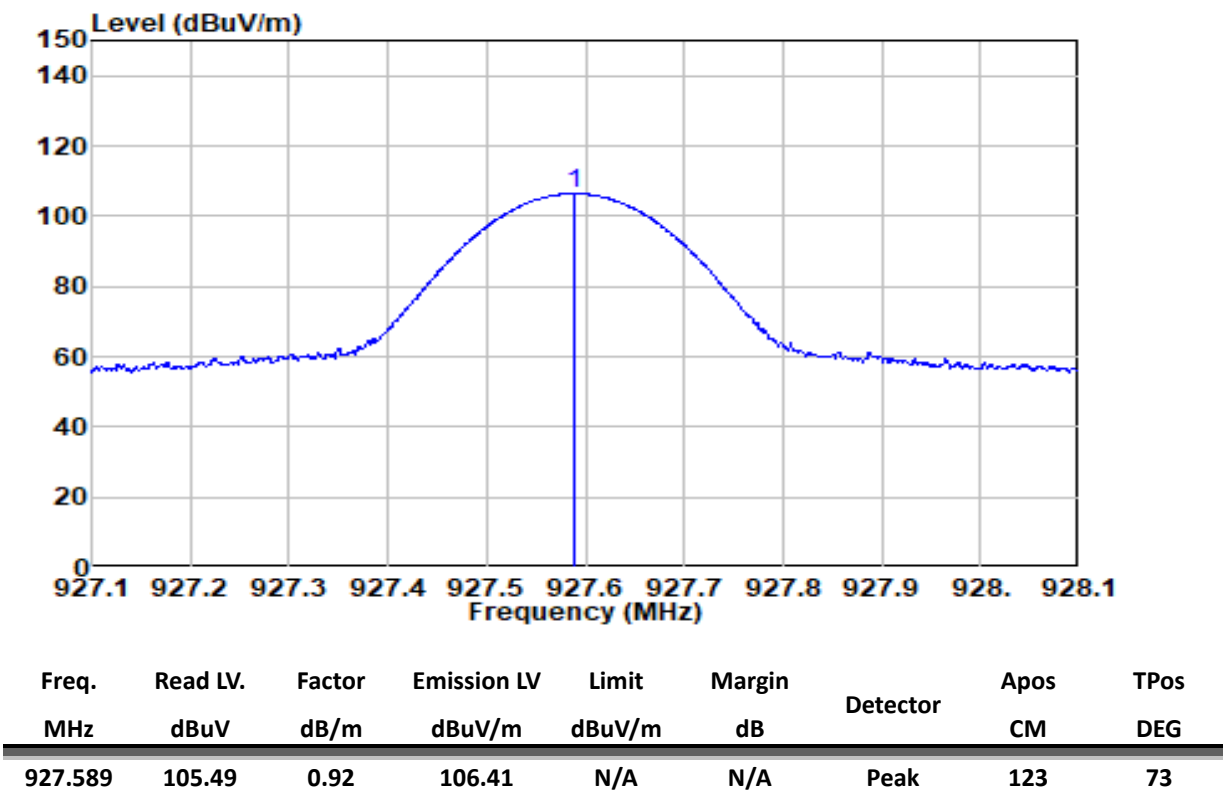
Report	:6128626078101	Date	:2026-09-29
Test Site	:Chamber B	Temp/Humi	:22.4°C/57%
Antenna Pol	:Horizontal	Test Engineer	:Sam Huang
Test Mode	:Main 915.2 MHz(SRD)	Plane	:Y Plane
Power setting	:13	Voltage	:5Vdc From Adapter
Note	:		



Freq.	Read LV.	Factor	Emission LV	Limit	Margin	Detector	Apos	TPos
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		CM	DEG
915.190	111.45	0.67	112.12	N/A	N/A	Peak	100	22

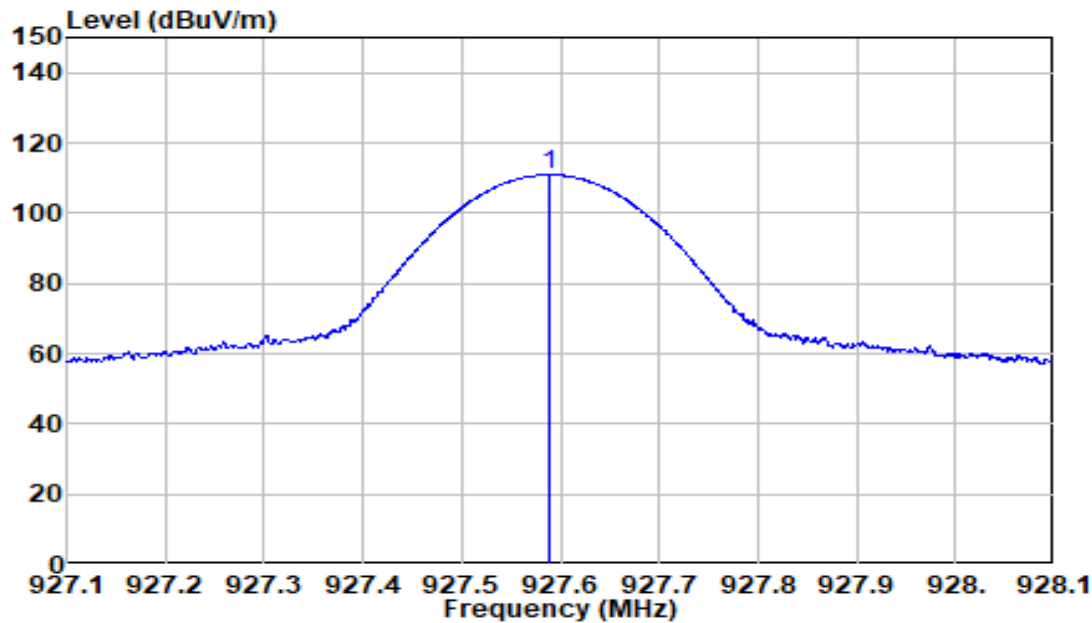


Report	:6128626078101	Date	:2026-09-29
Test Site	:Chamber B	Temp/Humi	:22.4°C/57%
Antenna Pol	:Vertical	Test Engineer	:Sam Huang
Test Mode	:Main 927.6 MHz(SRD)	Plane	:Y Plane
Power setting	:13	Voltage	:5Vdc From Adapter
Note	:		





Report	:6128626078101	Date	:2026-09-29
Test Site	:Chamber B	Temp/Humi	:22.4°C/57%
Antenna Pol	:Horizontal	Test Engineer	:Sam Huang
Test Mode	:Main 927.6 MHz(SRD)	Plane	:Y Plane
Power setting	:13	Voltage	:5Vdc From Adapter
Note	:		



Freq.	Read LV.	Factor	Emission LV	Limit	Margin	Detector	Apos	TPos
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		CM	DEG
927.589	109.99	0.92	110.90	N/A	N/A	Peak	100	24



Report

Test Site

Antenna Pol

Test Mode

Power setting

Note

:6128626078101

:Chamber B

:Vertical

:Tx 915.2 MHz(SRD)

:13

:

Date

Temp/Humi

Test Engineer

Plane

Voltage

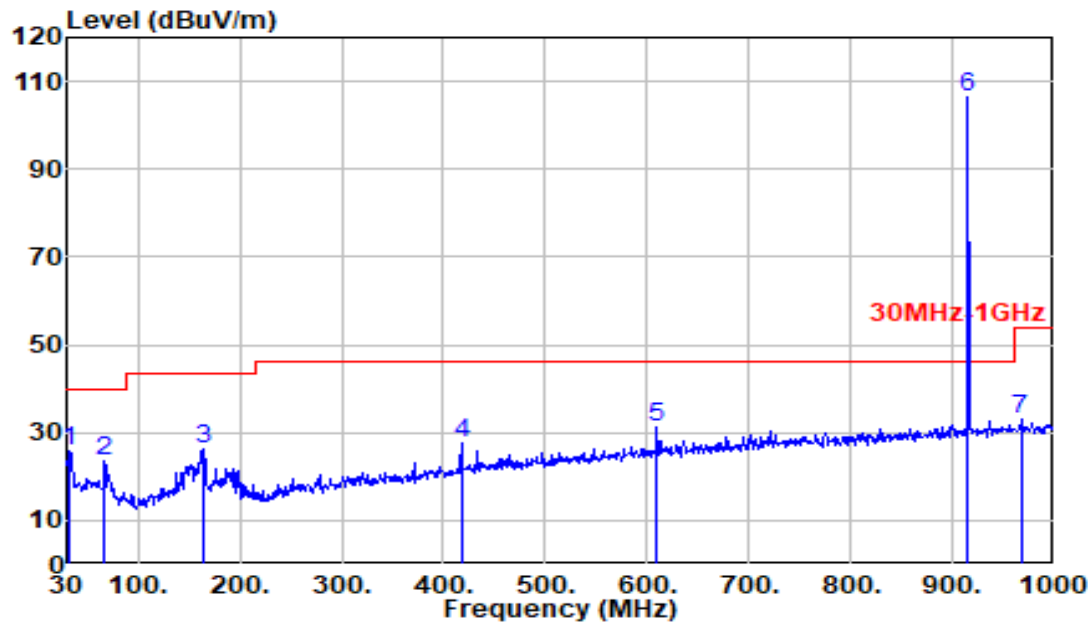
:2026-09-30

:22.4°C/57%

:Sam Huang

:Y Plane

:5Vdc From Adapter

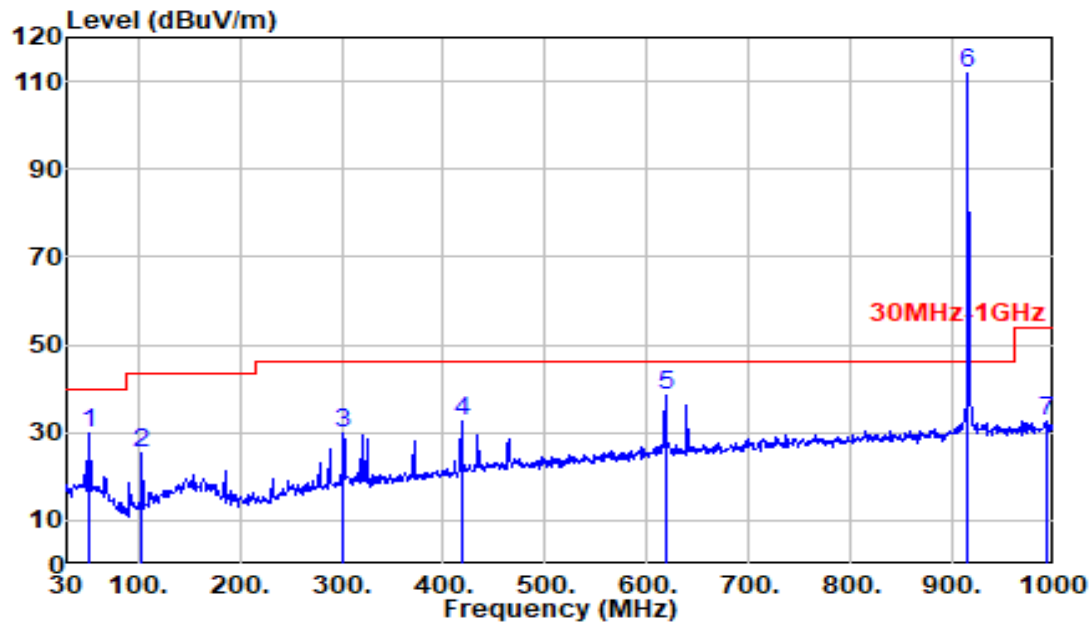


Freq.	Read LV.	Factor	Emission LV	Limit	Margin	Detector	Apos	TPos
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		CM	DEG
32.910	38.55	-12.80	25.75	40.00	-14.25	Peak	349	252
67.830	36.94	-13.58	23.36	40.00	-16.64	Peak	247	32
163.860	37.99	-11.90	26.09	43.50	-17.41	Peak	107	283
418.000	35.35	-7.92	27.43	46.00	-18.57	Peak	337	79
610.060	34.81	-3.76	31.05	46.00	-14.95	Peak	179	6
*915.610	105.73	0.68	106.41	46.00	--	--	116	71
967.020	31.42	1.53	32.95	54.00	-21.05	Peak	191	324

*Note: It is fundamental.

Report :6128626078101
 Test Site :Chamber B
 Antenna Pol :Horizontal
 Test Mode :Tx 915.2 MHz(SRD)
 Power setting :13
 Note :

Date :2026-09-30
 Temp/Humi :22.4°C/57%
 Test Engineer :Sam Huang
 Plane :Y Plane
 Voltage :5Vdc From Adapter



Freq.	Read LV.	Factor	Emission LV	Limit	Margin	Detector	Apos	TPos
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		CM	DEG
51.340	41.45	-11.52	29.93	40.00	-10.07	Peak	210	234
103.720	41.39	-15.97	25.42	43.50	-18.08	Peak	166	272
301.600	41.05	-11.07	29.98	46.00	-16.02	Peak	255	313
418.000	40.45	-7.92	32.53	46.00	-13.47	Peak	290	190
617.820	41.96	-3.64	38.32	46.00	-7.68	Peak	189	84
*915.610	111.09	0.68	111.77	46.00	--	--	100	23
993.210	30.89	1.82	32.71	54.00	-21.29	Peak	245	49

*Note: It is fundamental.

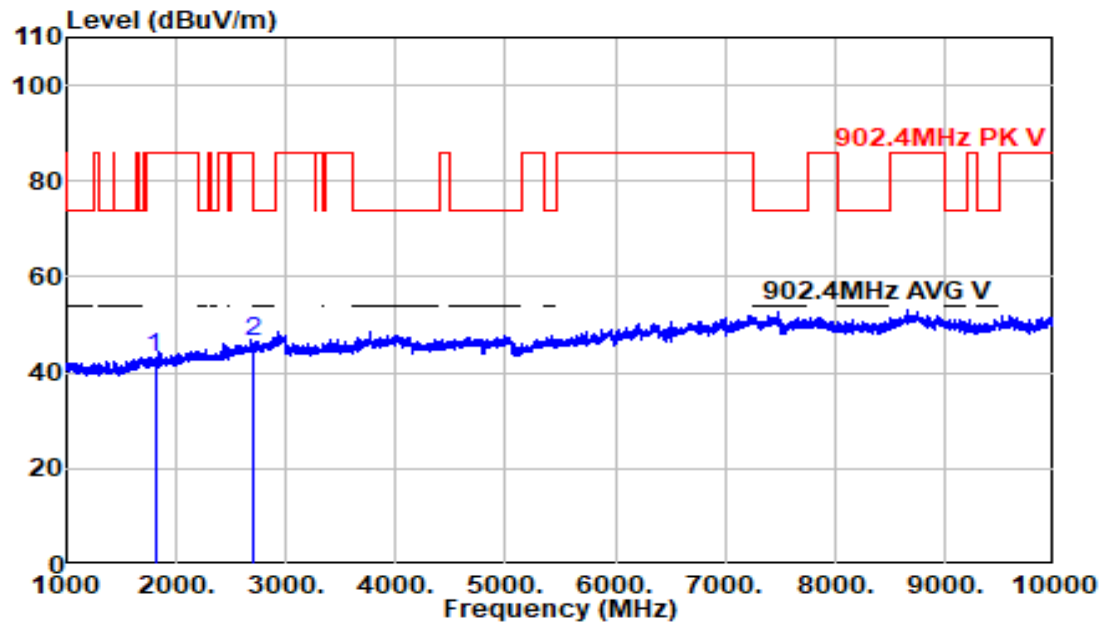


Report
Test Site
Antenna Pol
Test Mode
Power setting
Note

:6128626078101
:Chamber B
:Vertical
:Tx 902.4 MHz(SRD)
:13
:

Date
Temp/Humi
Test Engineer
Plane
Voltage

:2026-09-29
:22.4°C/57%
:Sam Huang
:Y Plane
:5Vdc From Adapter



Freq.	Read LV.	Factor	Emission LV	Limit	Margin	Detector	Apos	TPos
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		CM	DEG
1804.800	42.35	0.72	43.07	85.82	-42.75	Peak	342	135
2707.200	43.06	3.45	46.51	74.00	-27.49	Peak	185	291

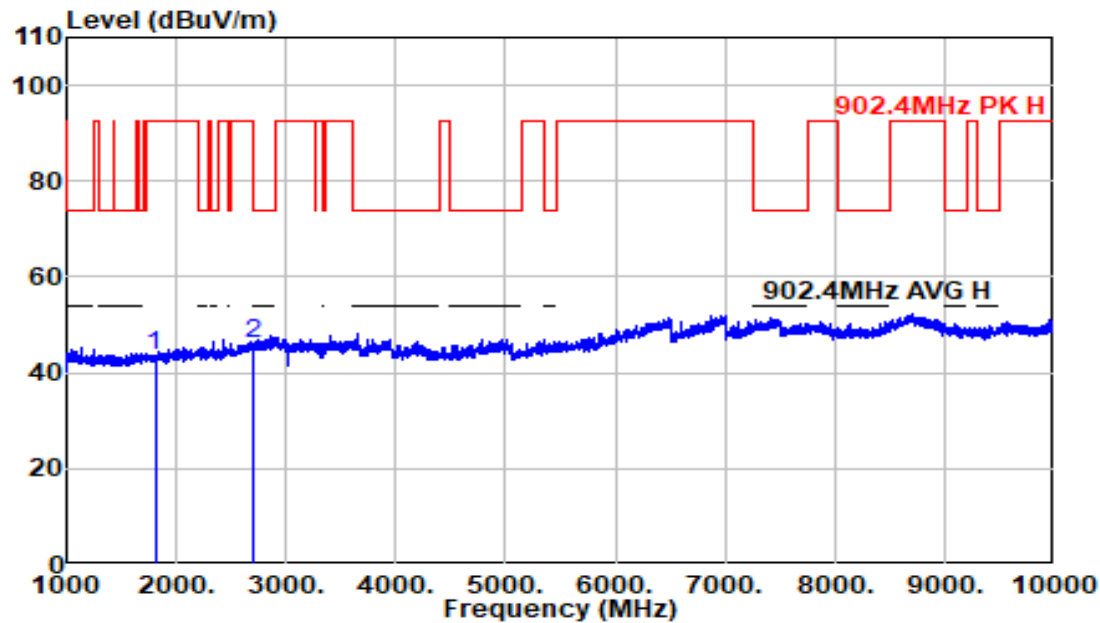


Report
Test Site
Antenna Pol
Test Mode
Power setting
Note

:6128626078101
:Chamber B
:Horizontal
:Tx 902.4 MHz(SRD)
:13
:

Date
Temp/Humi
Test Engineer
Plane
Voltage

:2026-09-29
:22.4°C/57%
:Sam Huang
:Y Plane
:5Vdc From Adapter



Freq.	Read LV.	Factor	Emission LV	Limit	Margin	Detector	Apos	TPos
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		CM	DEG
1804.800	42.91	0.72	43.63	92.37	-48.74	Peak	0	265
2707.200	42.75	3.45	46.20	74.00	-27.80	Peak	354	340

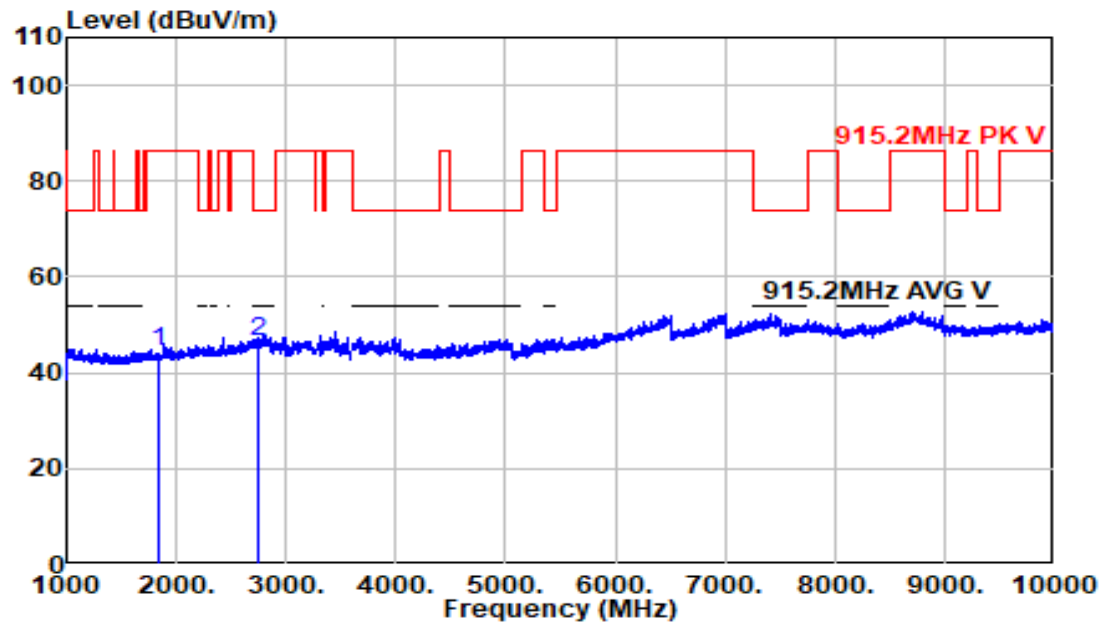


Report
Test Site
Antenna Pol
Test Mode
Power setting
Note

:6128626078101
:Chamber B
:Vertical
:Tx 915.2 MHz(SRD)
:13
:

Date
Temp/Humi
Test Engineer
Plane
Voltage

:2026-09-29
:22.4°C/57%
:Sam Huang
:Y Plane
:5Vdc From Adapter



Freq.	Read LV.	Factor	Emission LV	Limit	Margin	Detector	Apos	TPos
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		CM	DEG
1830.400	43.50	0.82	44.32	86.26	-41.94	Peak	215	177
2745.600	42.71	3.62	46.33	74.00	-27.67	Peak	279	58

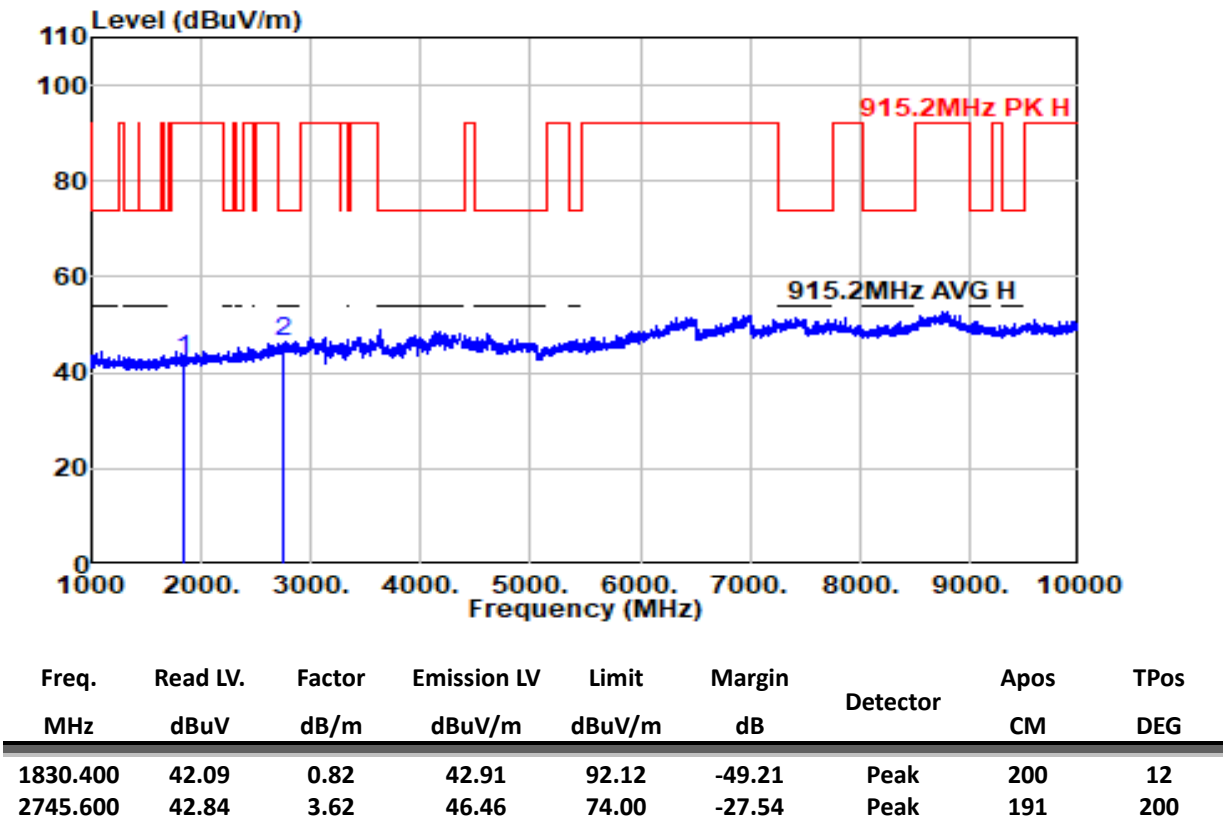


Report
Test Site
Antenna Pol
Test Mode
Power setting
Note

:6128626078101
:Chamber B
:Horizontal
:Tx 915.2 MHz(SRD)
:13
:

Date
Temp/Humi
Test Engineer
Plane
Voltage

:2026-09-29
:22.4°C/57%
:Sam Huang
:Y Plane
:5Vdc From Adapter



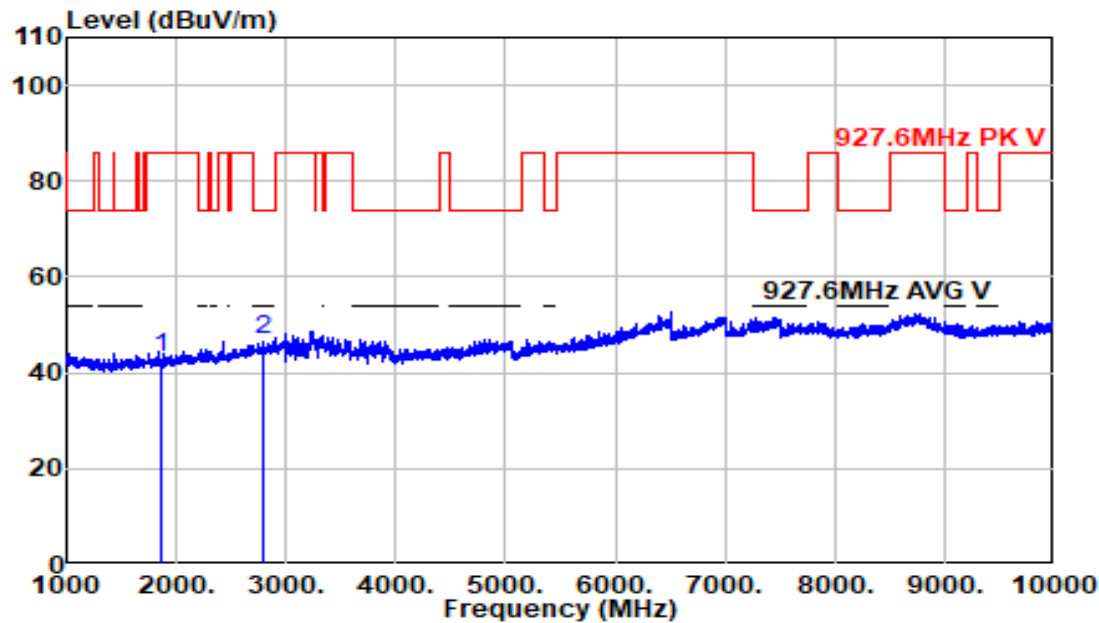


Report
Test Site
Antenna Pol
Test Mode
Power setting
Note

:6128626078101
:Chamber B
:Vertical
:Tx 927.6 MHz(SRD)
:13
:

Date
Temp/Humi
Test Engineer
Plane
Voltage

:2026-09-29
:22.4°C/57%
:Sam Huang
:Y Plane
:5Vdc From Adapter



Freq.	Read LV.	Factor	Emission LV	Limit	Margin	Detector	Apos	TPos
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		CM	DEG
1855.200	42.26	0.93	43.19	86.10	-42.91	Peak	136	35
2782.800	42.96	3.78	46.74	74.00	-27.26	Peak	277	77



Report :6128626078101

Test Site :Chamber B

Antenna Pol :Horizontal

Test Mode :Tx 927.6 MHz(SRD)

Power setting :13

Note :

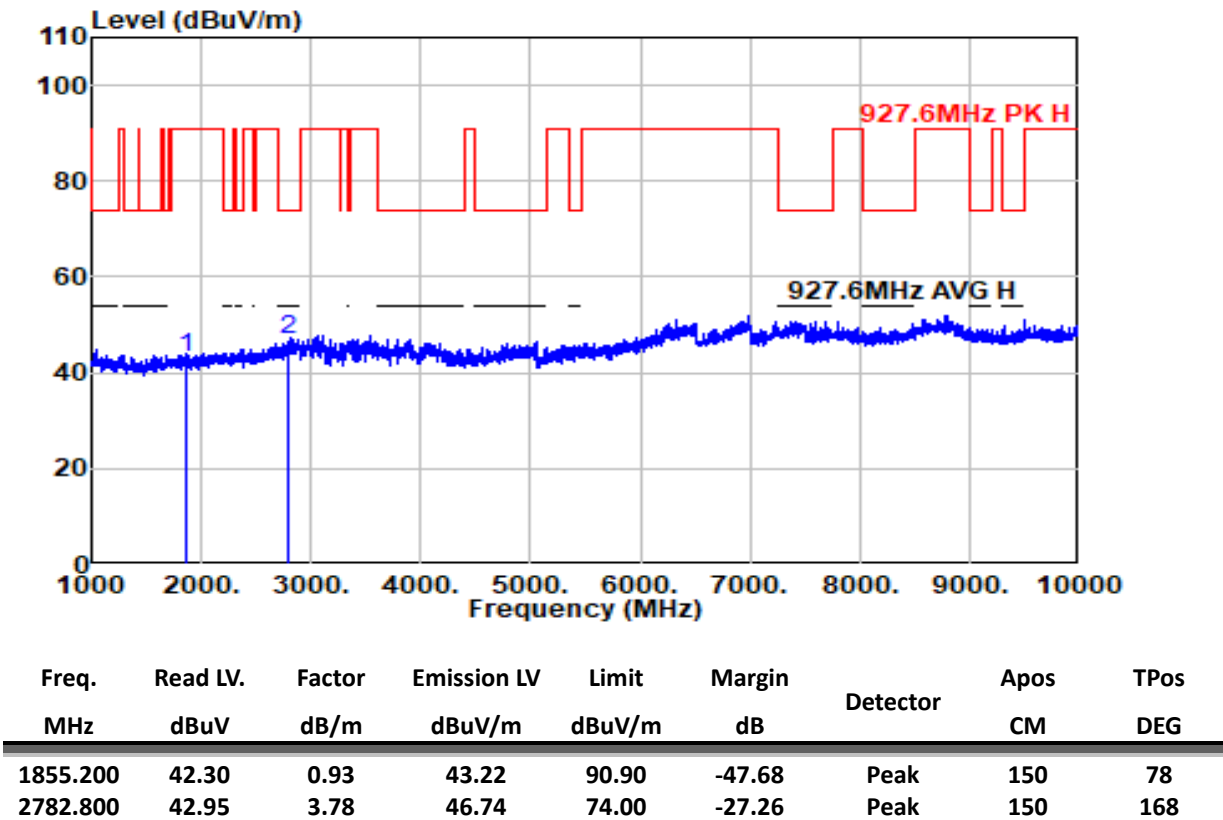
Date :2026-09-29

Temp/Humi :22.4°C/57%

Test Engineer :Sam Huang

Plane :Y Plane

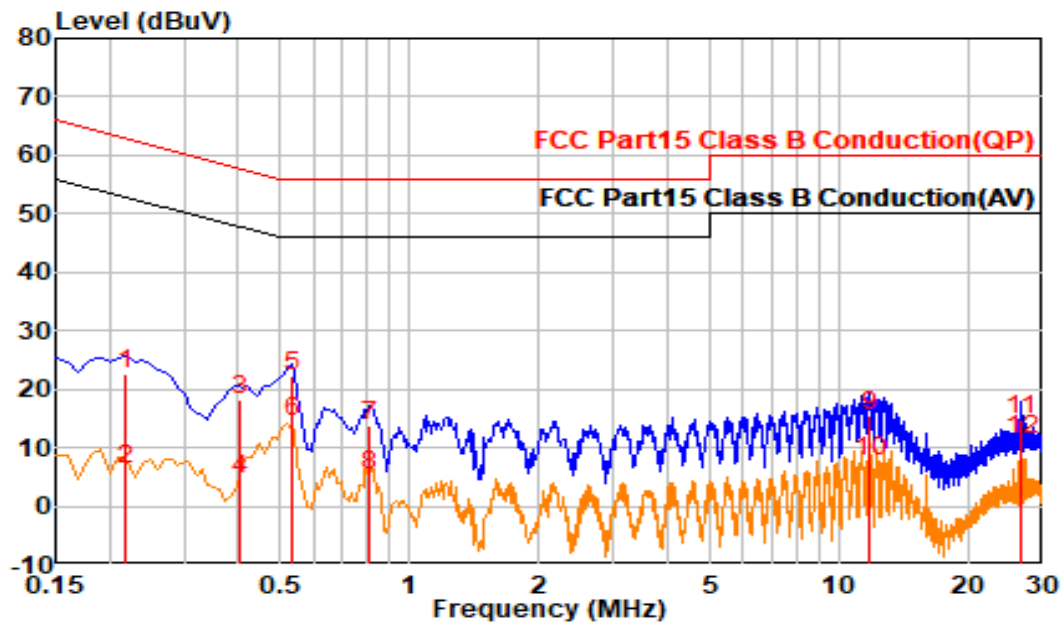
Voltage :5Vdc From Adapter



Appendix I. AC Power Line Conducted Emission

Report :6128626078101
 Test Site :Shielded Room A
 Condition :Line
 Test Mode :(SRD)
 Note :

Date :2026-10-03
 Temp/Humi :23.6C/57%
 Test Engineer :Sam Huang
 Voltage :120V/60Hz

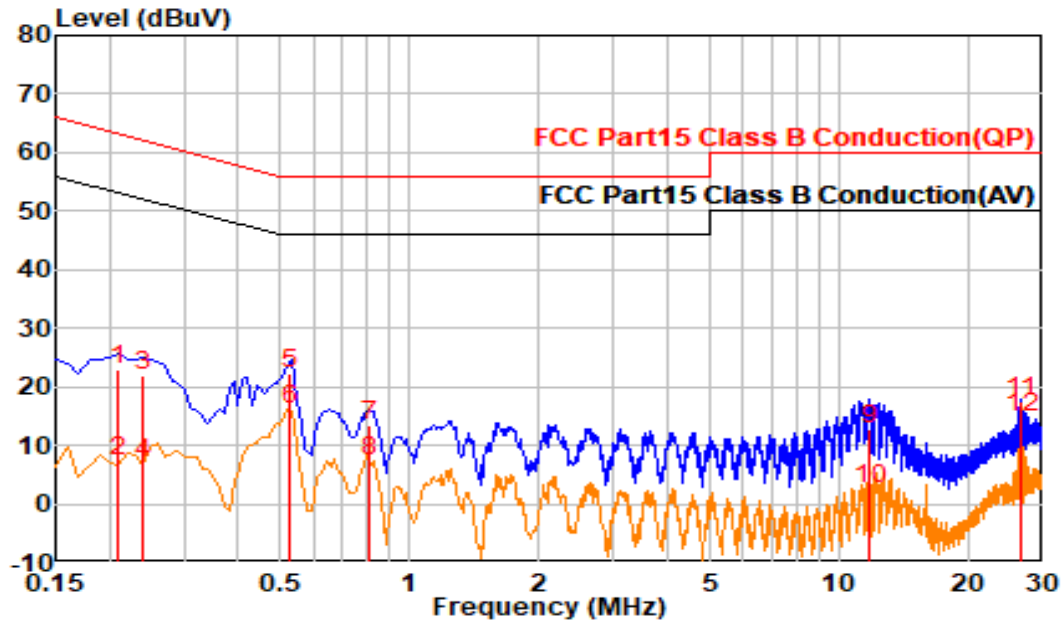


Trace: 1

Freq	Read LV.	Factor	Cable Loss	LISN	Emission	Limit	Margin	Detect
MHz	dBuV	dB	dB	Factor	LV	dBuV	dB	QP/AV
0.219	12.86	9.61	0.01	9.60	22.47	62.85	-40.38	QP
0.219	-3.24	9.61	0.01	9.60	6.37	52.85	-46.47	Average
0.400	8.54	9.60	0.01	9.59	18.14	57.84	-39.71	QP
0.400	-4.85	9.60	0.01	9.59	4.75	47.84	-43.09	Average
0.531	12.76	9.60	0.01	9.59	22.37	56.00	-33.63	QP
0.531	4.73	9.60	0.01	9.59	14.34	46.00	-31.66	Average
0.809	4.28	9.61	0.02	9.60	13.89	56.00	-42.11	QP
0.809	-4.38	9.61	0.02	9.60	5.23	46.00	-40.77	Average
11.738	5.94	9.69	0.05	9.64	15.63	60.00	-44.37	QP
11.738	-1.95	9.69	0.05	9.64	7.74	50.00	-42.26	Average
26.600	5.38	9.57	0.08	9.48	14.95	60.00	-45.05	QP
26.600	1.97	9.57	0.08	9.48	11.54	50.00	-38.46	Average

Report :6128626078101
 Test Site :Shielded Room A
 Condition :Neutral
 Test Mode :(SRD)
 Note :

Date :2026-10-03
 Temp/Humi :23.6C/57%
 Test Engineer :Sam Huang
 Voltage :120V/60Hz



Trace: 1

Freq	Read LV.	Factor	Cable Loss	LISN Factor	Emission LV	Limit	Margin	Detect
MHz	dBuV	dB	dB	dB	dBuV	dBuV	dB	QP/AV
0.211	13.35	9.60	0.01	9.59	22.95	63.18	-40.23	QP
0.211	-2.30	9.60	0.01	9.59	7.30	53.18	-45.87	Average
0.241	12.26	9.60	0.01	9.59	21.86	62.08	-40.22	QP
0.241	-2.77	9.60	0.01	9.59	6.83	52.08	-45.25	Average
0.529	12.80	9.60	0.01	9.59	22.40	56.00	-33.60	QP
0.529	6.67	9.60	0.01	9.59	16.28	46.00	-29.72	Average
0.807	3.88	9.61	0.02	9.60	13.49	56.00	-42.51	QP
0.807	-2.36	9.61	0.02	9.60	7.26	46.00	-38.74	Average
11.751	3.08	9.71	0.05	9.66	12.79	60.00	-47.21	QP
11.751	-6.99	9.71	0.05	9.66	2.72	50.00	-47.28	Average
26.593	7.94	9.70	0.08	9.62	17.64	60.00	-42.36	QP
26.593	5.13	9.70	0.08	9.62	14.83	50.00	-35.17	Average