

Test Report No:
2630761R-RFUSV01S-A

TEST REPORT

FCC Rules&Regulations

Product Name	HVAC Performance Monitoring Kit
Brand Name	Trane
Model No.	D163236G01
FCC ID	XVREHMID1
Applicant's Name / Address	Trane US, Inc. 6200 Troup Highway, Tyler, TX 75707, United States
Manufacturer's Name / Address	Trane US, Inc. 6200 Troup Highway, Tyler, TX 75707, United States
Test Method Requested, Standard	FCC CFR Title 47 Part 15 Subpart C Section 15.247 ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024
Verdict Summary	IN COMPLIANCE
Documented By	 Hailey Peng
Approved By	 Rueyyan Lin
Date of Receipt	Mar. 26, 2026
Date of Issue	Jun. 18, 2026
Report Version	V1.0

INDEX

	page
Competences and Guarantees.....	4
General Conditions	4
Revision History	5
Summary of Test Result.....	6
Comments and Remarks	6
1. General Information.....	7
1.1. EUT Description	7
1.2. EUT Information	8
1.3. Testing Applied Standards.....	8
1.4. Testing Location Information	9
1.5. Measurement Uncertainty	9
1.6. List of Test Equipment	10
2. Test Configuration of EUT	11
2.1. Test Condition.....	11
2.2. Test Frequency Mode.....	11
2.3. Duty Cycle	12
2.4. The Worst Case Measurement Configuration.....	13
2.5. Tested System Details.....	14
2.6. Configuration of Tested System	14
3. AC Power Line Conducted Emission	15
3.1. Test Setup	15
3.2. Test Limit	15
3.3. Test Procedure	15
3.4. Test Result of AC Power Line Conducted Emission	15
4. Occupied Bandwidth & DTS Bandwidth.....	16
4.1. Test Setup	16
4.2. Test Limit	16
4.3. Test Procedures	16
4.4. Test Result of Occupied Bandwidth & DTS Bandwidth.....	16
5. Maximum Conducted Output Power	17
5.1. Test Setup	17
5.2. Test Limit	17
5.3. Test Procedures	17
5.4. Test Result of Maximum Conducted Output Power	17
6. Maximum Power Spectral Density	18
6.1. Test Setup	18

6.2.	Test Limit	18
6.3.	Test Procedures	18
6.4.	Test Result of Maximum Power Spectral Density	18
7.	Antenna Port Conducted Emission	19
7.1.	Test Setup	19
7.2.	Test Limit	19
7.3.	Test Procedure	19
7.4.	Test Result of Antenna Port Conducted Emission	19
8.	Transmitter Radiated Spurious Emission	20
8.1.	Test Setup	20
8.2.	Test Limit	21
8.3.	Test Procedure	21
8.4.	Test Result of Transmitter Radiated Spurious Emission (Below 30 MHz)	21
8.5.	Test Result of Transmitter Radiated Spurious Emission	21
Appendix A. Test Result of AC Power Line Conducted Emission		
Appendix B. Test Result of Occupied Bandwidth & DTS Bandwidth		
Appendix C. Test Result of Maximum Conducted Output Power		
Appendix D. Test Result of Maximum Power Spectral Density		
Appendix E. Test Result of Antenna Port Conducted Emission		
Appendix F. Test Result of Transmitter Radiated Spurious Emission		
Appendix G. Test Setup Photograph		

Competences and Guarantees

DEKRA is a testing laboratory competent to carry out the tests described in this report.

In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

IMPORTANT: No parts of this report may be reproduced or quoted out of context, in any form or by any means, except in full, without the previous written permission of DEKRA.

General Conditions

1. The test results relate only to the samples tested.
2. The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.
3. This report must not be used to claim product endorsement by TAF or any agency of the government.
4. The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd.
5. Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

Revision History

Version	Description	Issued Date
V1.0	Initial issue of report	Jun. 18, 2026

Summary of Test Result

Report Clause	Test Items	Result (PASS/FAIL)	Remark
3	AC Power Line Conducted Emission	PASS	-
4	Occupied Bandwidth & DTS Bandwidth	PASS	-
5	Maximum Conducted Output Power	PASS	-
6	Maximum Power Spectral Density	PASS	-
7	Antenna Port Conducted Emission	PASS	-
8	Transmitter Radiated Spurious Emission	PASS	-

Comments and Explanations

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Comments and Remarks

The product specification and testing instructions for the EUT declared in the report are provided by the manufacturer who will take all responsibilities for the accuracy.

1. General Information

1.1. EUT Description

Frequency Range	902 ~ 928 MHz
Operating Frequency	903 ~ 926.9 MHz
Channel Number	36 Channels
Channel Bandwidth	500 kHz
Type of Modulation	LoRa-Chirp Spread Spectrum (CSS)

Accessories Information		
No.	Equipment Name	Description
1	NTC Thermistor Probe	2 Units
2	Pressure Probe	1 Unit
3	Input Cable	Non-Shielded, 1.9m (1 Unit)

Antenna Information				
Ant.	Brand Name	Model No.	Type	Gain (dBi)
1	Customised	Customised	PCB	0.87

Working Frequency of Each Channel			
Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	903.0	18	916.7
1	903.8	19	917.3
2	904.6	20	917.9
3	905.4	21	918.5
4	906.2	22	919.1
5	907.0	23	919.7
6	907.8	24	920.3
7	908.6	25	920.9
8	909.4	26	921.5
9	910.2	27	922.1
10	911.0	28	922.7
11	911.8	29	923.3
12	912.6	30	923.9
13	913.4	31	924.5
14	914.2	32	925.1
15	915.0	33	925.7
16	915.5	34	926.3
17	916.1	35	926.9

1.2. EUT Information

EUT Power Type	From AC power
EUT Voltage	AC 24V/60Hz

1.3. Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024

The following reference test guidance is not within the scope of accreditation of TAF:

- ♦ KDB 558074 D01 v05r02
- ♦ KDB 414788 D01 v01r01

1.4. Testing Location Information

Testing Location Information		
Test Laboratory : DEKRA Testing and Certification Co., Ltd.		
1 (TAF: 3024)	ADD: No.372-2, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C. TEL: +886-3-582-8001 FAX: +886-3-582-8958 Test site Designation No. TW3024 with FCC. Conformity Assessment Body Identifier (CABID) TW3024 with ISED.	
2 (TAF: 3024)	ADD: No.372, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C. TEL: +886-3-582-8001 FAX: +886-3-582-8958 Test site Designation No. TW3024 with FCC. Conformity Assessment Body Identifier (CABID) TW3024 with ISED.	
Test site number for address 1 includes HC-SR02 and HC-CB10. Test site number for address 2 includes HC-CB02, HC-CB04, HC-SR10 and HC-SR12.		

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
AC Conduction Emission	HC-SR02	Cyril Chen	20~25 / 55~65	2026/04/01
RF Conducted Emission	HC-SR12	Clemens Fang	22.4 / 52.4	2026/03/31
Radiated Emission	HC-CB04	Brook Cheng	21~22.8 / 53~56	2026/03/30~2026/04/01

1.5. Measurement Uncertainty

Uncertainties have been calculated according to the DEKRA internal document with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)).

Test item	Uncertainty
AC Power Line Conducted Emission	± 2.39 dB
Occupied Bandwidth & DTS Bandwidth	± 636.54 Hz
Maximum Conducted Output Power	± 1.11 dB
Maximum Power Spectral Density	± 1.74 dB
Antenna Port Conducted Emission	± 1.74 dB
Transmitter Radiated Spurious Emission	± 3.72 dB below 1 GHz ± 3.18 dB above 1 GHz

1.6. List of Test Equipment

HC-SR02

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal. Date	Next Cal. Date
Artificial Mains Network	R&S	ENV4200	848411/010	9kHz-30MHz, 4line/100A	2025/08/20	2026/08/19
EMI Test Receiver	R&S	ESR3	102608	9 kHz - 3.6 GHz	2025/12/10	2026/12/09
Two-Line V-Network	R&S	ENV216	100096	9kHz-30MHz	2025/06/26	2026/06/25
Coaxial Cable(9 m)	Harbour	RG-400	HC-SR02	9 kHz–2500 MHz	2025/08/15	2026/08/14
EMI Testing System	AUDIX	e3 210616 dekra V9	HC-SR02	N/A	N/A	N/A

HC-SR12

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal. Date	Next Cal. Date
Signal & Spectrum Analyzer	R&S	FSV40	101869	10Hz-40GHz	2025/06/17	2026/06/16
USB Peak Power Sensor	Anritsu	MA24408A	11840	50 MHz to 8 GHz, High VBW(165 MHz / 350 kHz)	2025/07/18	2026/07/17

HC-CB04

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal. Date	Next Cal. Date
Magnetic Loop Antenna	Teseq	HLA 6121	44287	9kHz-30 MHz	2025/10/20	2026/10/19
Signal and Spectrum Analyzer	R&S	FSVA40	101435	10 Hz-40 GHz	2025/05/20	2026/05/19
Trilog Broadband Antenna	Schwarzbeck	VULB 9168	1209	30 MHz-2 GHz	2025/06/17	2026/06/16
Double Ridged Horn Antenna	RF SPIN	DRH18-E	211212A18EN	1G-18GHz	2025/11/03	2026/11/02
Coaxial Cable	Huber+Suhner	SF104	HC-CB04	30 MHz-18 GHz, 11m	2025/08/07	2026/08/06
Pre-Amplifier	EMEC	EM01G18GA	060835	1-18 GHz,50 dB	2025/07/09	2026/07/08
Pre-Amplifier	EMCI	EMC003240	980324	0.3-2500 MHz, 40 dB	2024/10/28	2026/10/27
Radiated Software	AUDIX	e3 V9	HC-CB04_1	N/A	N/A	N/A

Note: All equipment upon which need to calibrated are with calibration period of 1 year.

2. Test Configuration of EUT

2.1. Test Condition

EUT Operational Condition	
Testing Voltage	AC 240V/60Hz

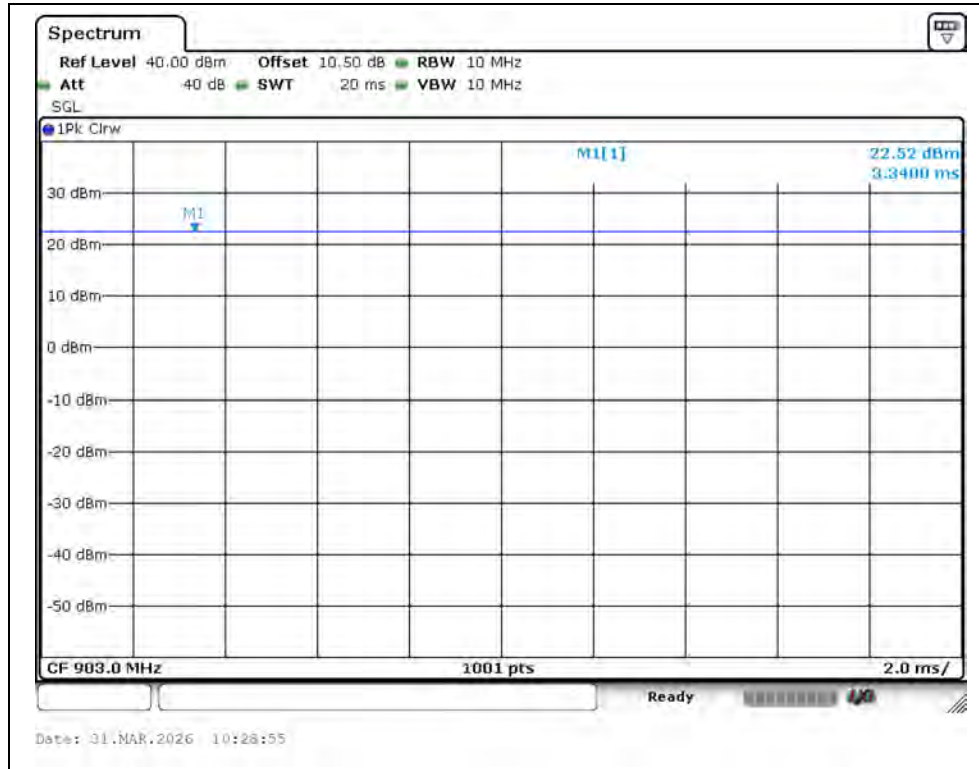
2.2. Test Frequency Mode

Test Software	TeraTerm
---------------	----------

Mode	Frequency (MHz)	Power Setting
LoRa	903	22.0
	915	22.0
	926.9	22.0

2.3. Duty Cycle

Mode	On Time (ms)	On+Off Time (ms)	Duty Cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
LoRa	--	--	100.00	0.000	0.010



2.4. The Worst Case Measurement Configuration

Tests Item	AC Power Line Conducted Emission
Test Condition	AC power line conducted measurement for line and neutral
Operating Mode	Transmit

Tests Item	Occupied Bandwidth & DTS Bandwidth Maximum Conducted Output Power Maximum Power Spectral Density Antenna Port Conducted Emission
Test Condition	Conducted measurement at transmit chains

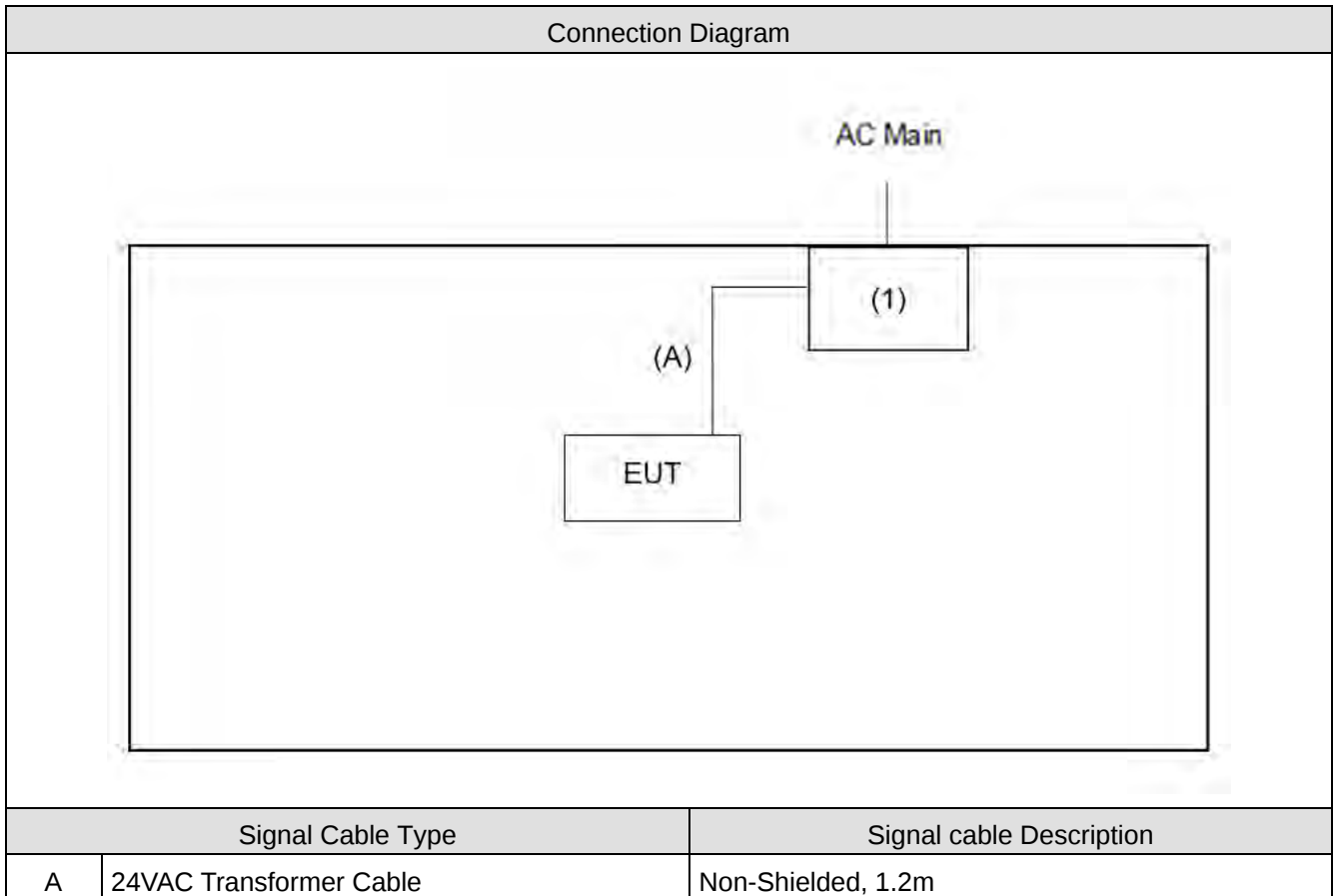
Tests Item	Transmitter Radiated Spurious Emission
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Transmit
Operating Mode > 1GHz	Transmit
The EUT was performed at X axis, Y axis and Z axis position for radiated spurious emission test. The worst case was found at Y axis, so the measurement will follow this same test configuration.	

Note: Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.5. Tested System Details

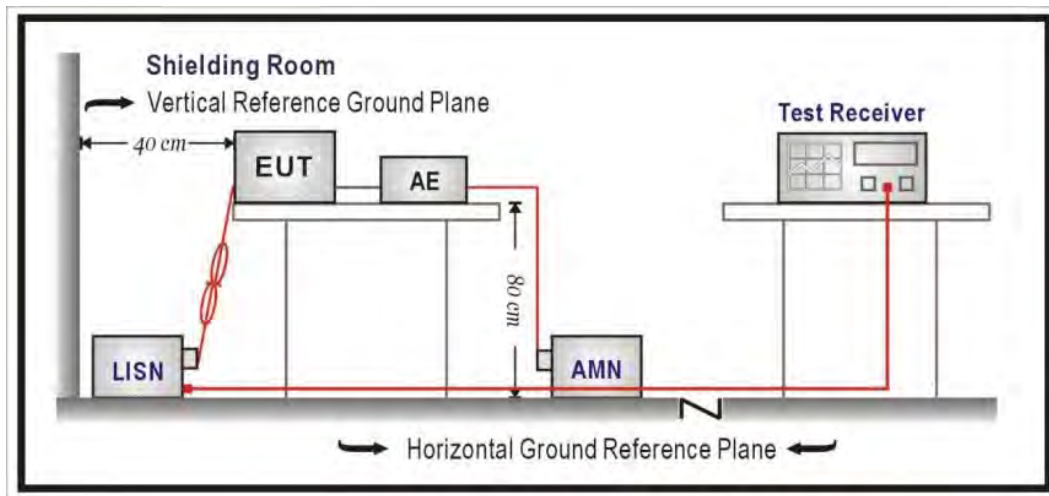
No.	Equipment	Brand Name	Model No.	Serial No.
1	24VAC Transformer	Triad Magnetics	TCT50-02E07AB	N/A

2.6. Configuration of Tested System



3. AC Power Line Conducted Emission

3.1. Test Setup



3.2. Test Limit

Frequency (MHz)	QP (dBuV)	AV (dBuV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Remarks: In the above table, the tighter limit applies at the band edges.

3.3. Test Procedure

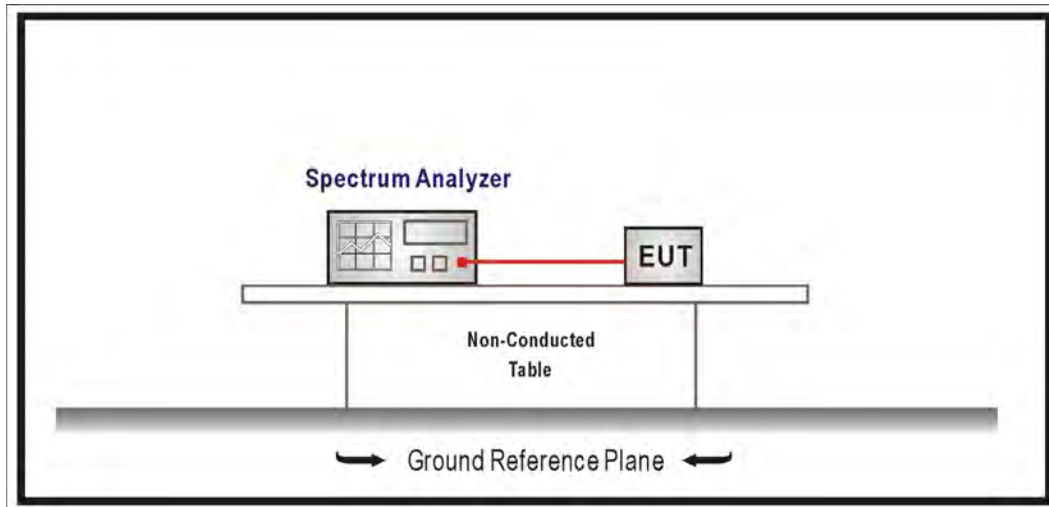
The EUT was setup according to ANSI C63.10 for AC Power Line Conducted Emissions.

3.4. Test Result of AC Power Line Conducted Emission

Refer as Appendix A

4. Occupied Bandwidth & DTS Bandwidth

4.1. Test Setup



4.2. Test Limit

The 6 dB bandwidth: ≥ 500 kHz.

Occupied Bandwidth: N/A

4.3. Test Procedures

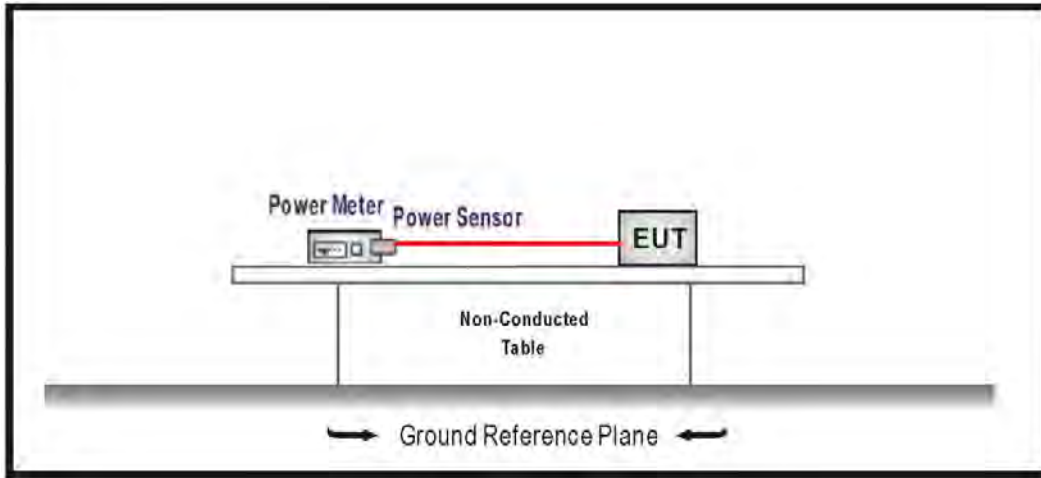
The EUT was setup according to ANSI C63.10; tested according to DTS test procedure of KDB 558074.

4.4. Test Result of Occupied Bandwidth & DTS Bandwidth

Refer as Appendix B

5. Maximum Conducted Output Power

5.1. Test Setup



5.2. Test Limit

The Maximum Conducted Output Power shall be less 1 Watt.

5.3. Test Procedures

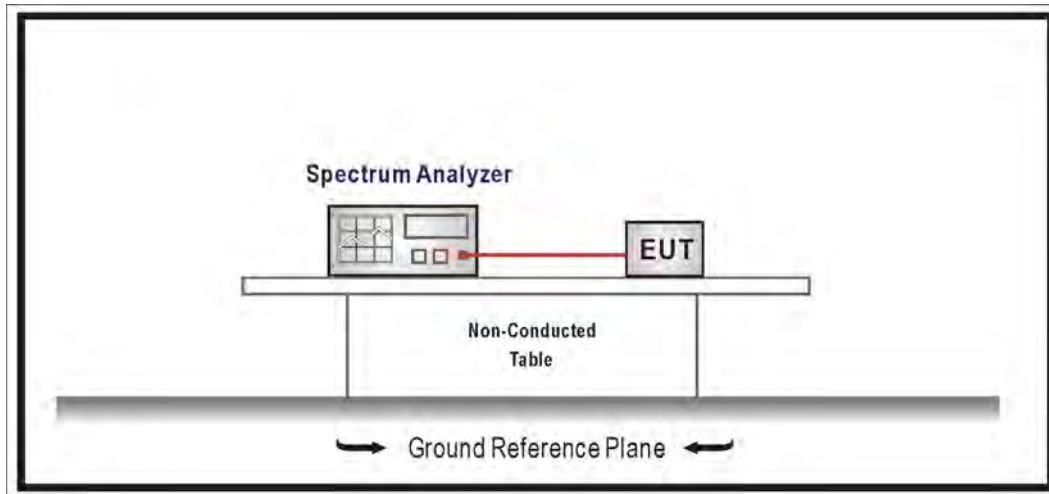
The EUT was setup according to ANSI C63.10; tested according to DTS test procedure of KDB 558074.

5.4. Test Result of Maximum Conducted Output Power

Refer as Appendix C

6. Maximum Power Spectral Density

6.1. Test Setup



6.2. Test Limit

The peak power spectral density conducted from the intentional radiated to the antenna shall not be greater than +8 dBm in any 3 kHz band during any time interval of continuous transmission.

6.3. Test Procedures

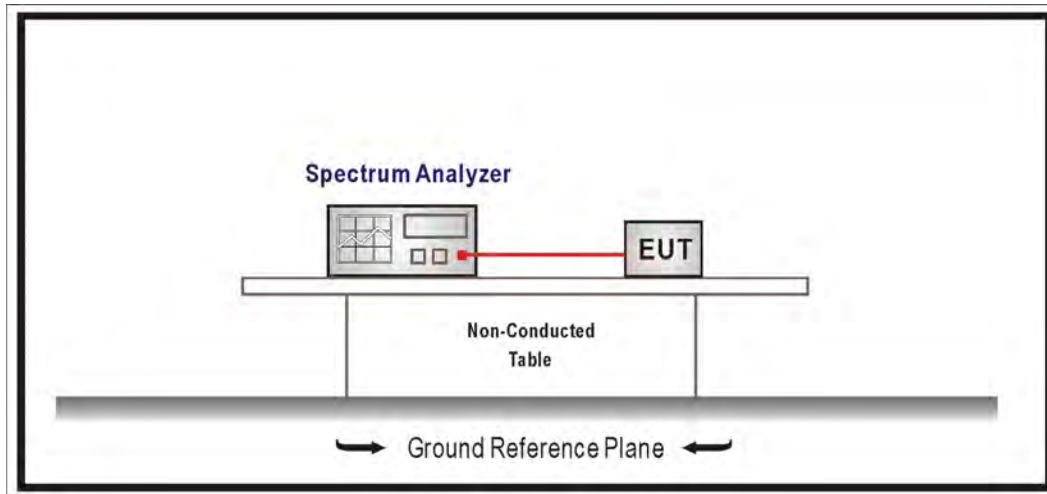
The EUT was setup according to ANSI C63.10; tested according to DTS test procedure of KDB 558074.

6.4. Test Result of Maximum Power Spectral Density

Refer as Appendix D

7. Antenna Port Conducted Emission

7.1. Test Setup



7.2. Test Limit

RF output power procedure	Limit (dBc)
Peak output power procedure	20
Average output power procedure	30

Remarks:

1. In any 100 kHz 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 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limit.
2. If the transmitter complies with the conducted power limit based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

7.3. Test Procedure

The EUT was setup according to ANSI C63.10 and tested according to DTS test procedure of KDB 558074.

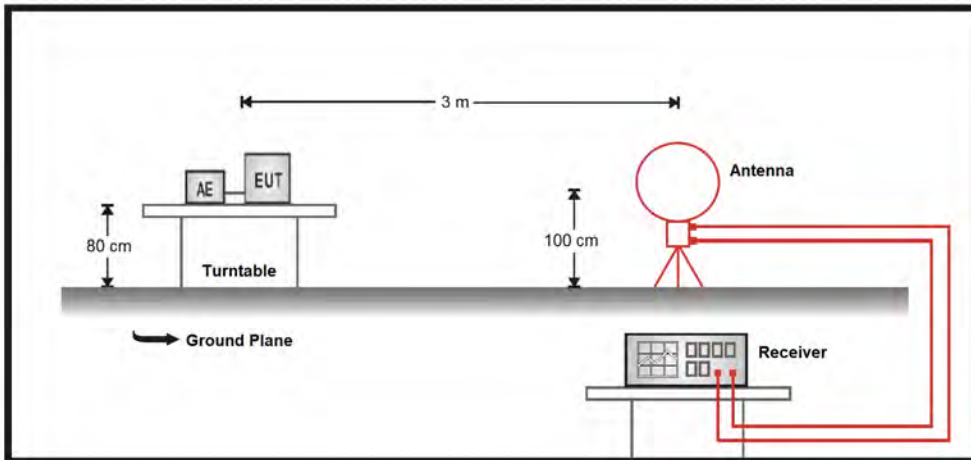
7.4. Test Result of Antenna Port Conducted Emission

Refer as Appendix E

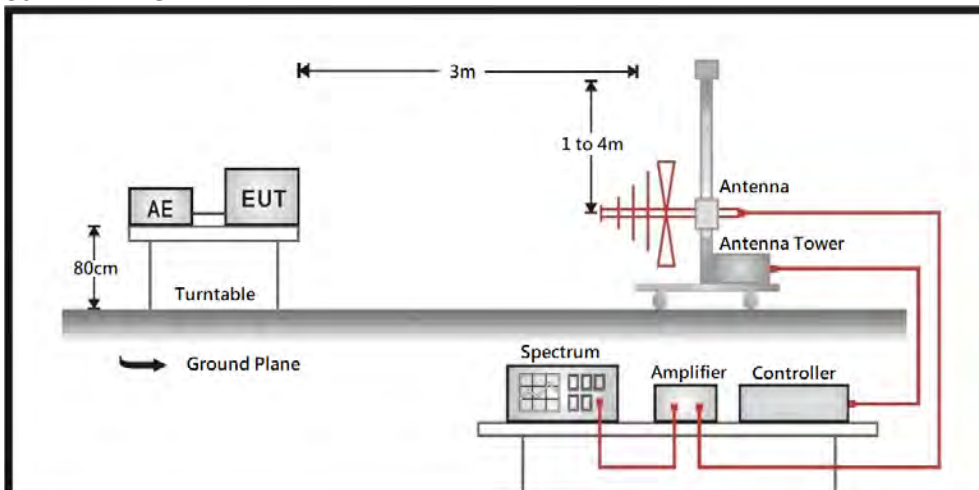
8. Transmitter Radiated Spurious Emission

8.1. Test Setup

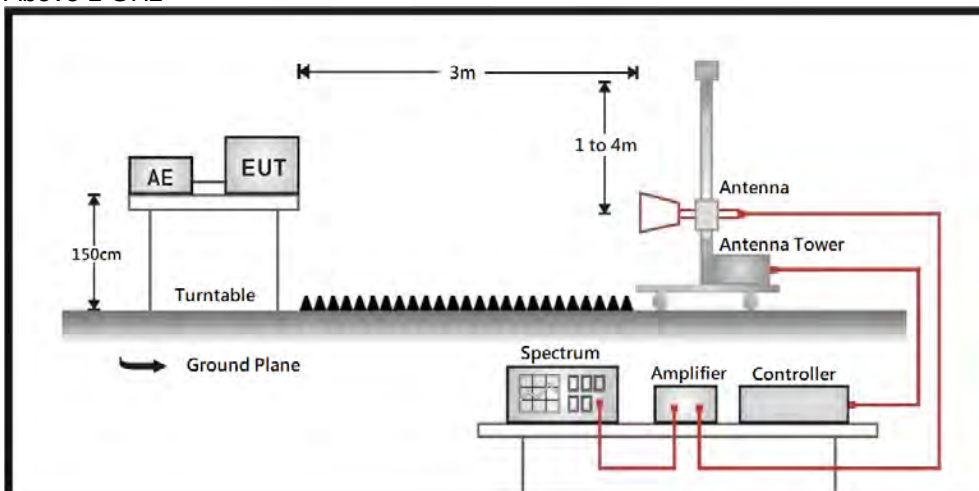
9 kHz ~ 30 MHz



30 MHz ~ 1 GHz



Above 1 GHz



8.2. Test Limit

Frequency (MHz)	Field strength (uV/m)	Field strength (dBuV/m)	Measurement distance (m)
0.009 – 0.490	2400/F(kHz)	20 log (2400/F(kHz))	300
0.490 – 1.705	24000/F(kHz)	20 log (24000/F(kHz))	30
1.705 - 30	30	29.5	30
30 - 88	100	40	3
88 - 216	150	43.5	3
216 - 960	200	46	3
Above 960	500	54	3

Remarks:

1. Field strength (dBuV/m) = 20 log Field strength (uV/m)
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

8.3. Test Procedure

The EUT was setup according to ANSI C63.10 and tested according to DTS test procedure of KDB 558074. The EUT and its simulators are placed on a turn table which is 0.8 or 1.5 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level. Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10 on radiated measurement. On any frequency or frequencies from 9 kHz(include The the lowest oscillator frequency generated within the device up to the 10th harmonic) to 1000 MHz, the limit shown are based on measuring equipment employing a quasi-peak detector function and on any frequency or frequencies above 1000 MHz the radiated limit shown are based upon the use of measurement instrumentation employing an average detector function. When average radiated emission measurement are included emission measurement below 1000 MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit. The bandwidth below 1 GHz setting on the field strength meter is 120 kHz and above 1 GHz is 1 MHz.

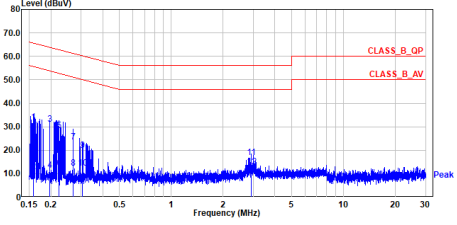
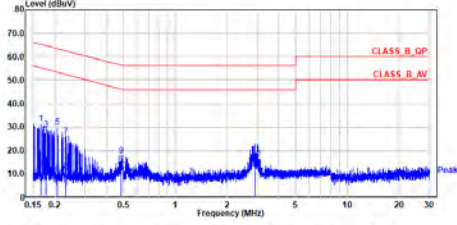
8.4. Test Result of Transmitter Radiated Spurious Emission (Below 30 MHz)

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

8.5. Test Result of Transmitter Radiated Spurious Emission

Refer as Appendix F

Appendix A. Test Result of AC Power Line Conducted Emission

TX_915MHz_Line								TX_915MHz_Neutral							
Site :HC-SR02 Condition :.....,Line Model No :TX_915MHz Test By :Cyril Chen								Site :HC-SR02 Condition :.....,Neutral Model No :TX_915MHz Test By :Cyril Chen							
															
No.	Frequency	Level	Limit	Over	Read	Factor	Remark	No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB			MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	0.159	32.03	65.50	-33.47	22.41	9.62	QP	1	0.166	31.27	65.15	-33.88	21.65	9.62	QP
2	0.159	10.98	55.50	-44.52	1.36	9.62	Average	2	0.166	32.40	55.15	-22.75	2.86	9.62	Average
3	0.198	31.06	63.71	-32.65	21.44	9.62	QP	3	0.178	28.05	64.60	-36.55	19.23	9.62	QP
4	0.198	11.38	53.71	-42.33	1.76	9.62	Average	4	0.178	30.81	54.60	-23.79	1.19	9.62	Average
5	0.224	28.27	62.68	-34.41	18.64	9.63	QP	5	0.207	29.08	63.31	-34.23	20.25	9.62	QP
6	0.224	12.31	52.68	-40.37	2.68	9.63	Average	6	0.207	10.19	53.31	-43.12	0.57	9.62	Average
7	0.269	23.50	61.15	-37.65	13.87	9.63	QP	7	0.231	25.85	62.40	-36.55	16.22	9.63	QP
8	0.269	12.49	51.15	-38.66	2.86	9.63	Average	8	0.231	11.03	52.40	-41.37	1.40	9.63	Average
9	0.306	19.96	60.08	-40.12	10.33	9.63	QP	9	0.486	17.01	56.23	-39.22	0.16	9.65	QP
10	0.306	12.28	50.08	-37.80	2.65	9.63	Average	10	0.486	11.51	46.23	-34.72	1.86	9.65	Average
11	2.911	16.94	56.00	-39.06	7.14	9.80	QP	11	2.910	18.52	56.00	-37.48	8.72	9.80	QP
12	2.911	13.02	46.00	-32.98	3.22	9.80	Average	12	2.910	16.28	46.00	-29.72	6.48	9.80	Average

Note:

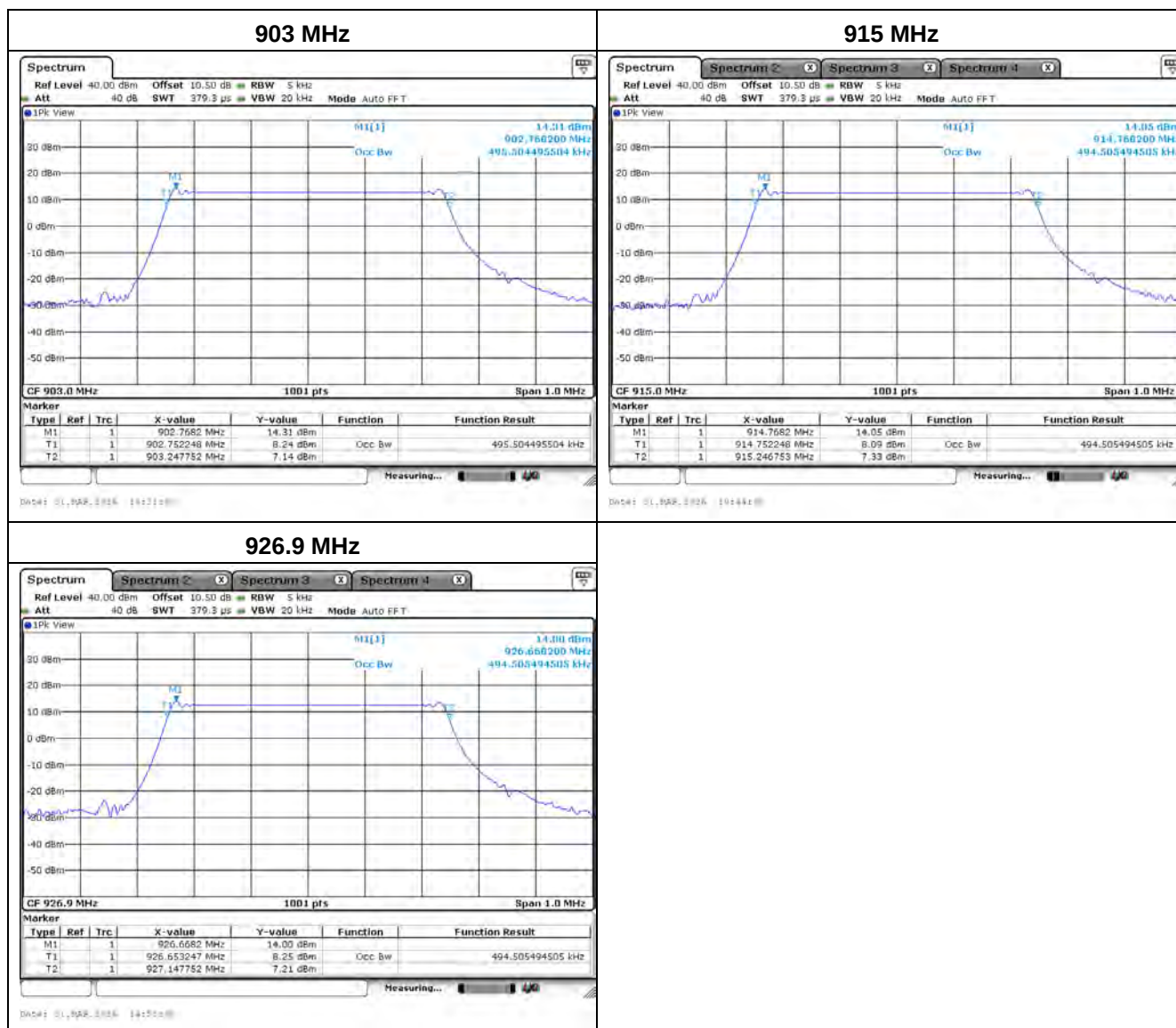
1. "*" means this data is the worst emission level.
2. Emission Level = Reading Level + Correct Factor
(Correct Factor = LISN Insertion Loss + Cable Loss).
3. Margin = Emission Level - Limit.

Note:

1. "*" means this data is the worst emission level.
2. Emission Level = Reading Level + Correct Factor
(Correct Factor = LISN Insertion Loss + Cable Loss).
3. Margin = Emission Level - Limit.

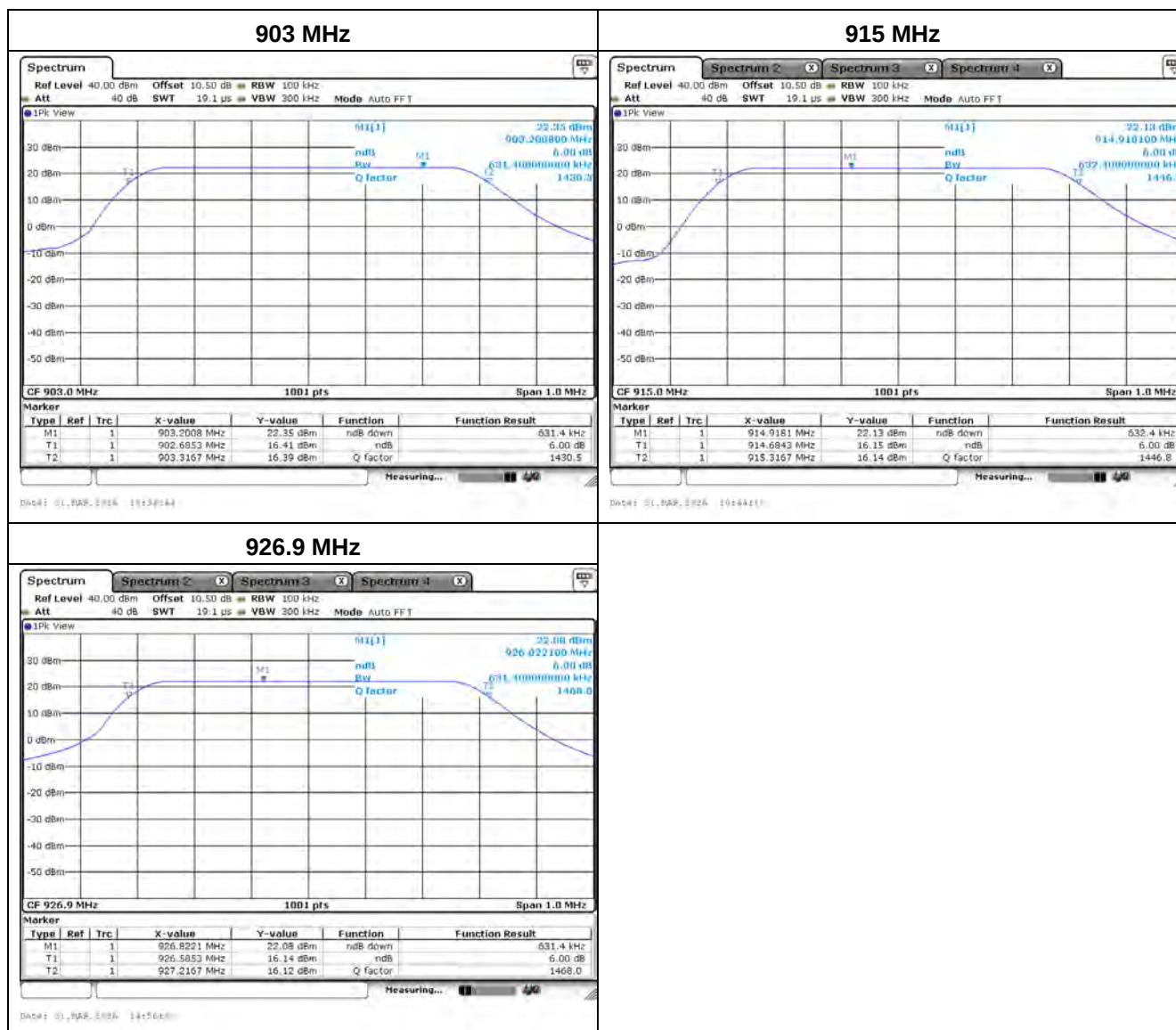
Appendix B.1 Test Result of Occupied Bandwidth

Mode	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
LoRa	903	0.495	-
	915	0.494	-
	926.9	0.494	-



Appendix B.2 Test Result of DTS Bandwidth

Mode	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
LoRa	903	0.631	0.50	Pass
	915	0.632	0.50	Pass
	926.9	0.631	0.50	Pass

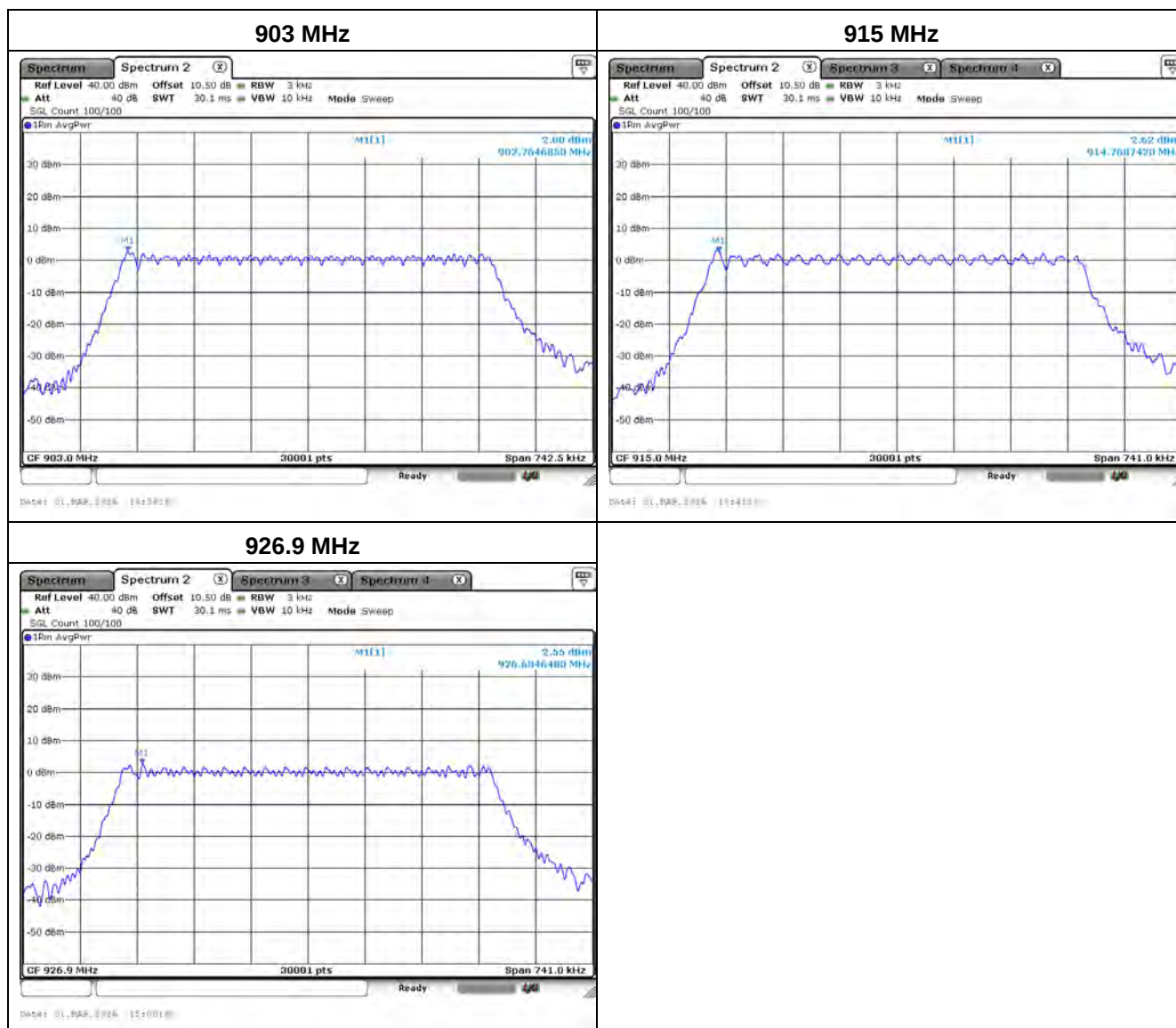


Appendix C. Test Result of Maximum Conducted Output Power

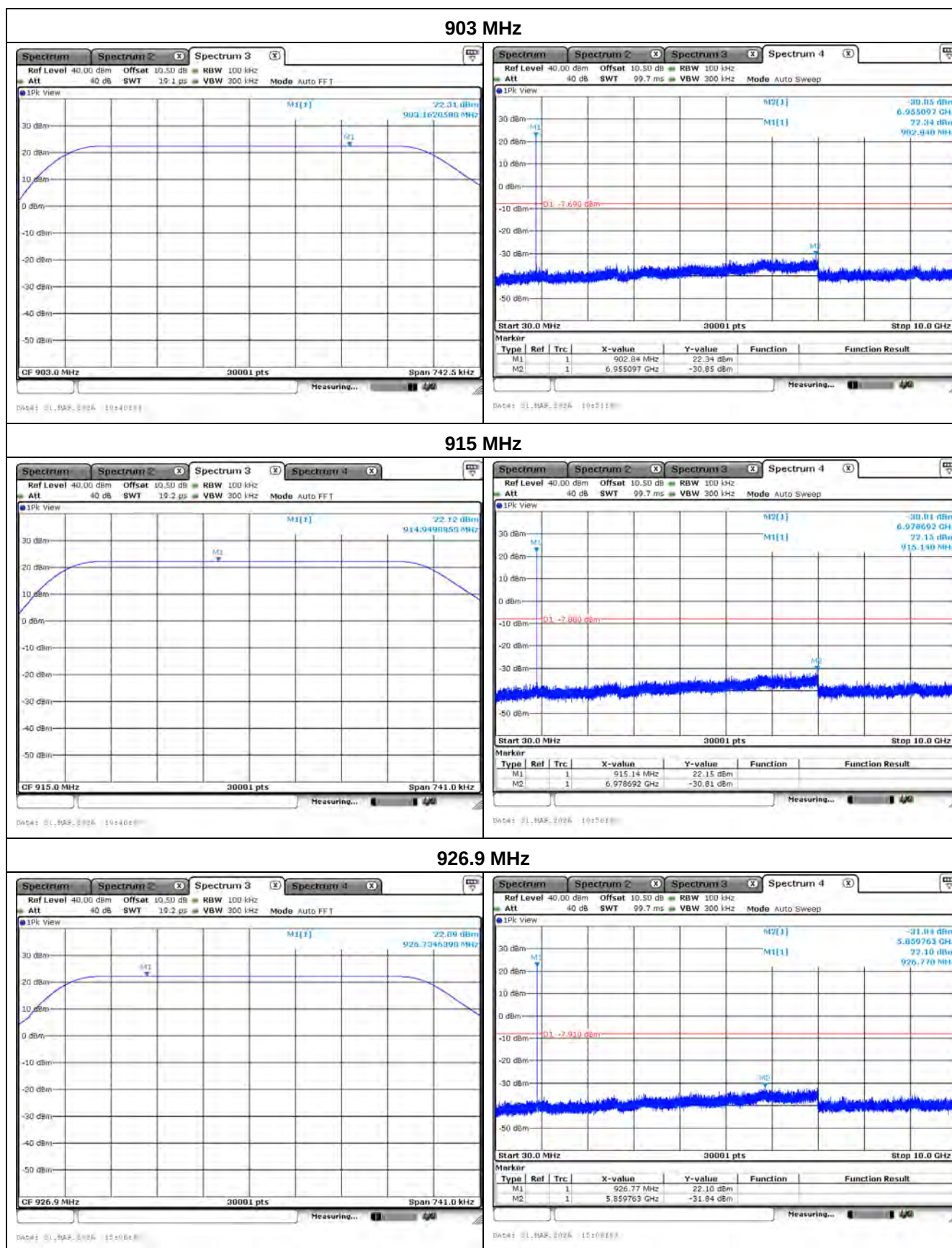
Mode	Frequency (MHz)	Maximum Conducted Average Output Power (dBm)	Limit (dBm)	Result
LoRa	903	21.800	30.00	Pass
	915	21.570	30.00	Pass
	926.9	21.410	30.00	Pass

Appendix D. Test Result of Maximum Power Spectral Density

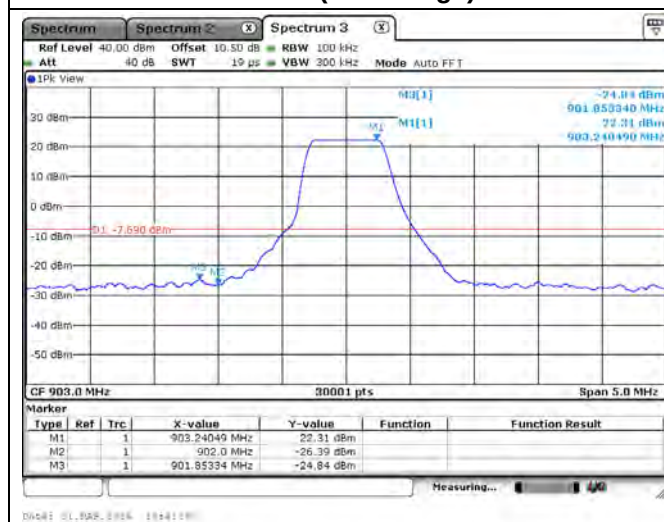
Mode	Frequency (MHz)	Measure Value (dBm/3kHz)	Limit (dBm/3kHz)	Result
LoRa	903	2.800	8.00	Pass
	915	2.620	8.00	Pass
	926.9	2.550	8.00	Pass



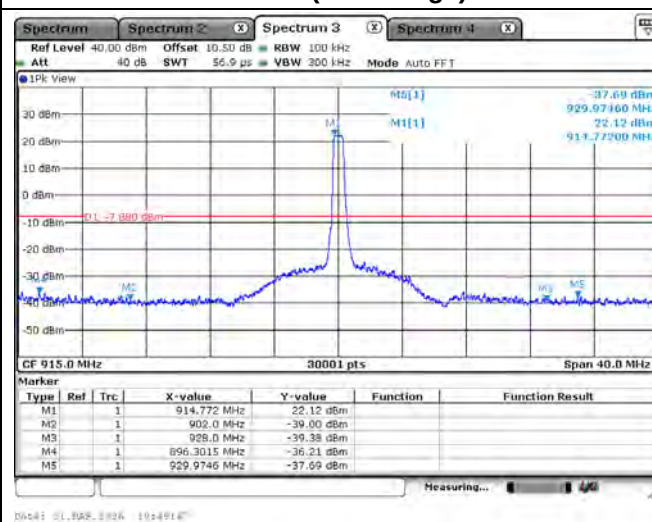
Appendix E. Test Result of Antenna Port Conducted Emission



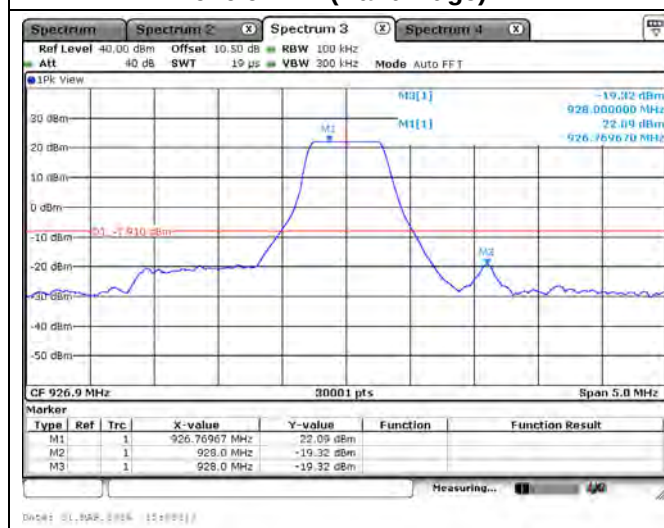
903 MHz (Band Edge)



915 MHz (Band Edge)



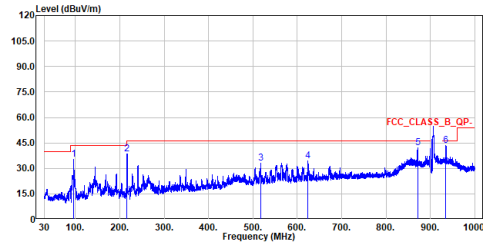
926.9 MHz (Band Edge)



Appendix F. Test Result of Transmitter Radiated Spurious Emission

30 MHz ~ 1 GHz

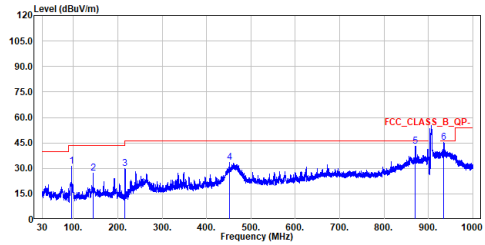
Site :HC-CB02
Condition :3m Horizontal
Mode :TX_903MHz_QP
Test by :Brook Cheng



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	95.863	35.41	43.50	-8.09	62.89	-27.48	QP
2	215.949	38.70	43.50	-4.80	64.31	-25.61	QP
3	517.037	33.12	46.00	-12.88	49.46	-16.34	QP
4	624.028	34.57	46.00	-11.43	48.62	-14.05	QP
5	871.087	42.01	46.00	-3.99	52.79	-10.78	QP
6	935.107	43.50	46.00	-2.50	52.96	-9.46	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.
5. The other emission levels were very low against the limit.

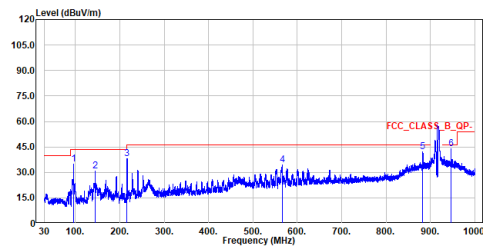
Site :HC-CB02
Condition :3m Vertical
Mode :TX_903MHz_QP
Test by :Brook Cheng



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	96.154	31.44	43.50	-12.06	58.86	-27.42	QP
2	144.072	27.30	43.50	-16.20	49.74	-22.44	QP
3	215.949	29.90	43.50	-13.60	55.51	-25.61	QP
4	451.465	33.52	46.00	-12.48	50.99	-17.47	QP
5	870.893	43.11	46.00	-2.89	53.89	-10.78	QP
6	934.816	45.29	46.00	-0.71	54.76	-9.47	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.
5. The other emission levels were very low against the limit.

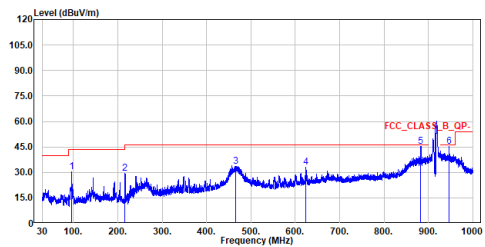
Site :HC-CB02
Condition :3m Horizontal
Mode :TX_915MHz_QP
Test by :Brook Cheng



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	96.154	35.08	43.50	-8.42	62.50	-27.42	QP
2	143.684	30.68	43.50	-12.82	53.15	-22.47	QP
3	215.949	38.11	43.50	-5.39	63.72	-25.61	QP
4	566.022	34.33	46.00	-11.67	49.87	-15.54	QP
5	882.921	41.94	46.00	-4.06	52.66	-10.72	QP
6	947.038	43.71	46.00	-2.29	53.05	-9.34	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.
5. The other emission levels were very low against the limit.

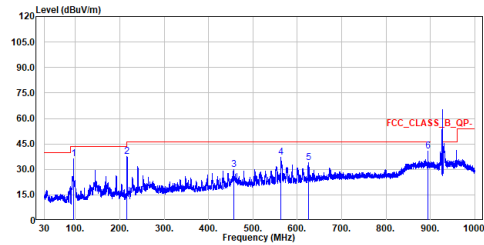
Site :HC-CB02
Condition :3m Vertical
Mode :TX_915MHz_QP
Test by :Brook Cheng



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	96.057	30.47	43.50	-13.03	57.91	-27.44	QP
2	216.046	29.53	46.00	-16.47	55.14	-25.61	QP
3	465.530	33.62	46.00	-12.38	50.78	-17.16	QP
4	623.834	33.22	46.00	-12.78	47.27	-14.05	QP
5	882.824	45.37	46.00	-0.63	56.09	-10.72	QP
6	947.232	45.34	46.00	-0.66	54.67	-9.33	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.
5. The other emission levels were very low against the limit.

Site :HC-C802
Condition :3m Horizontal
Mode :TX_926.9MHz_QP
Test by :Brook Cheng

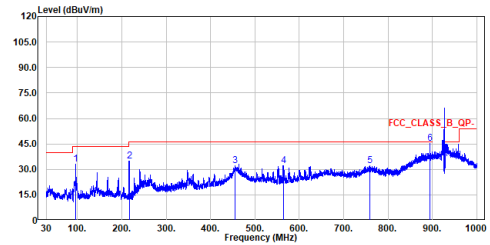


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	96.857	36.11	43.50	-7.39	63.55	-27.44	QP
2	216.846	37.38	46.00	-8.62	62.99	-25.61	QP
3	456.218	30.04	46.00	-15.96	47.41	-17.37	QP
4	563.500	37.29	46.00	-8.71	52.92	-15.63	QP
5	625.580	34.16	46.00	-11.84	48.19	-14.03	QP
6	895.046	40.61	46.00	-5.39	51.09	-10.48	QP

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.
5. The other emission levels were very low against the limit.

Site :HC-C802
Condition :3m Vertical
Mode :TX_926.9MHz_QP
Test by :Brook Cheng



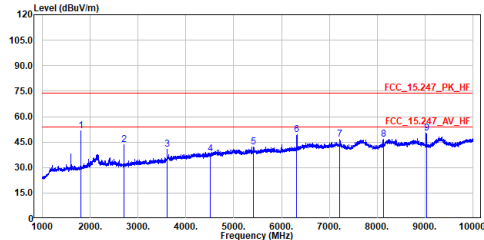
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	95.960	33.14	43.50	-10.36	60.60	-27.46	QP
2	216.531	34.86	46.00	-11.14	60.47	-25.61	QP
3	455.733	32.05	46.00	-13.95	49.43	-17.38	QP
4	564.955	32.10	46.00	-13.90	47.68	-15.58	QP
5	758.373	31.95	46.00	-14.05	43.52	-11.57	QP
6	895.046	45.24	46.00	-0.76	55.72	-10.48	QP

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.
5. The other emission levels were very low against the limit.

Above 1 GHz

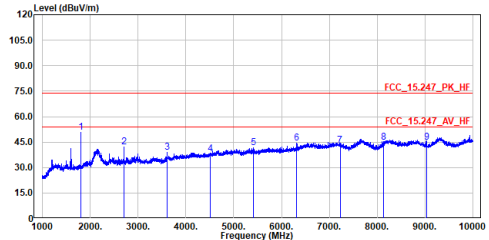
Site :HC-CB02
Condition :3m ,Horizontal
Mode :TX_903MHz
Test by :Brook Cheng



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	1805.000	51.71	74.00	-22.29	77.86	-26.15	Peak
2	2709.000	43.44	74.00	-30.56	67.71	-24.27	Peak
3	3612.000	40.85	74.00	-33.15	62.87	-22.02	Peak
4	4515.000	38.01	74.00	-35.99	57.74	-19.73	Peak
5	5418.000	42.26	74.00	-31.74	60.59	-18.33	Peak
6	6321.000	49.36	74.00	-24.64	65.25	-15.89	Peak
7	7223.700	46.71	74.00	-27.29	60.80	-14.09	Peak
8	8127.000	46.62	74.00	-27.38	59.90	-13.28	Peak
9	9030.000	50.19	74.00	-23.81	62.10	-11.91	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

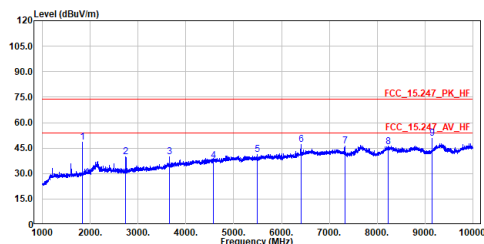
Site :HC-CB02
Condition :3m ,Vertical
Mode :TX_903MHz
Test by :Brook Cheng



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	1806.000	50.71	74.00	-23.29	76.86	-26.15	Peak
2	2709.000	42.18	74.00	-31.82	66.45	-24.27	Peak
3	3612.000	38.95	74.00	-35.05	60.97	-22.02	Peak
4	4515.000	37.87	74.00	-36.13	57.60	-19.73	Peak
5	5418.000	41.69	74.00	-32.31	60.02	-18.33	Peak
6	6321.000	44.46	74.00	-29.54	60.35	-15.89	Peak
7	7224.000	43.24	74.00	-30.76	57.33	-14.09	Peak
8	8127.000	44.90	74.00	-29.10	58.18	-13.28	Peak
9	9030.000	44.87	74.00	-29.13	56.78	-11.91	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

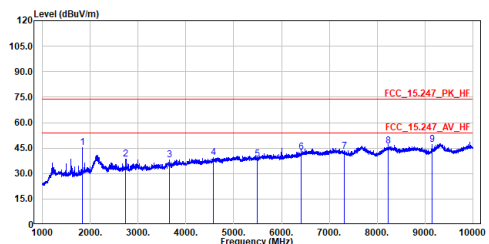
Site :HC-CB02
Condition :3m ,Horizontal
Mode :TX_915MHz
Test by :Brook Cheng



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	1830.000	48.28	74.00	-25.72	74.34	-26.06	Peak
2	2745.000	39.85	74.00	-34.15	64.00	-24.15	Peak
3	3660.000	39.85	74.00	-34.15	61.67	-21.82	Peak
4	4575.100	37.53	74.00	-36.47	57.06	-19.53	Peak
5	5490.000	41.19	74.00	-32.81	59.55	-18.36	Peak
6	6404.300	47.31	74.00	-26.69	62.88	-15.57	Peak
7	7322.300	46.02	74.00	-27.98	59.96	-13.94	Peak
8	8235.000	45.81	74.00	-28.19	58.86	-13.05	Peak
9	9150.000	50.50	74.00	-23.50	62.18	-11.68	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

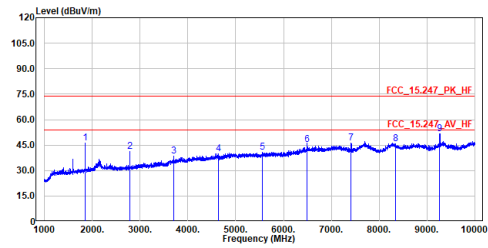
Site :HC-CB02
Condition :3m ,Vertical
Mode :TX_915MHz
Test by :Brook Cheng



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	1830.000	45.22	74.00	-28.78	71.28	-26.06	Peak
2	2745.000	38.49	74.00	-35.51	62.64	-24.15	Peak
3	3660.000	37.83	74.00	-36.17	59.65	-21.82	Peak
4	4575.000	39.41	74.00	-34.59	58.95	-19.54	Peak
5	5489.700	38.32	74.00	-35.68	56.68	-18.36	Peak
6	6405.000	42.53	74.00	-31.47	58.10	-15.57	Peak
7	7320.000	42.86	74.00	-31.14	56.80	-13.94	Peak
8	8235.000	46.00	74.00	-28.00	59.05	-13.05	Peak
9	9150.000	47.27	74.00	-26.73	58.95	-11.68	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-C802
Condition :3m ,Horizontal
Mode :TX_926.9MHz
Test by :Brook Cheng

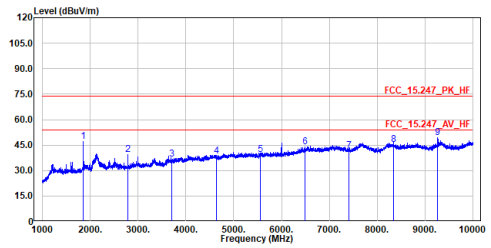


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	1853.800	46.29	74.00	-27.71	72.27	-25.98	Peak
2	2780.700	41.01	74.00	-32.99	65.05	-24.04	Peak
3	3707.600	38.40	74.00	-35.60	60.03	-21.63	Peak
4	4634.600	39.84	74.00	-34.16	59.19	-19.35	Peak
5	5561.400	40.84	74.00	-33.16	59.05	-18.21	Peak
6	6488.300	45.37	74.00	-28.63	60.61	-15.24	Peak
7	7415.200	46.19	74.00	-27.81	59.98	-13.79	Peak
8	8342.100	45.79	74.00	-28.21	58.60	-12.81	Peak
9	9269.000	51.82	74.00	-22.18	63.27	-11.45	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-C802
Condition :3m ,Vertical
Mode :TX_926.9MHz
Test by :Brook Cheng



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	1853.800	47.32	74.00	-26.68	73.30	-25.98	Peak
2	2780.700	39.48	74.00	-34.52	63.52	-24.04	Peak
3	3707.600	36.52	74.00	-37.48	58.15	-21.63	Peak
4	4634.500	38.58	74.00	-35.42	57.93	-19.35	Peak
5	5561.400	39.32	74.00	-34.68	57.53	-18.21	Peak
6	6488.300	43.78	74.00	-30.22	59.02	-15.24	Peak
7	7415.200	41.46	74.00	-32.54	55.25	-13.79	Peak
8	8342.100	45.44	74.00	-28.56	58.25	-12.81	Peak
9	9269.000	49.17	74.00	-24.83	60.62	-11.45	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.