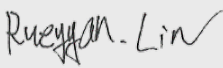


Test Report No:
2650630R-RFUSV01S-A1

TEST REPORT

FCC Rules&Regulations

Product Name	Wireless Headset
Brand Name	SONY
Model No.	CFI-ZWH4
FCC ID	SZGCFIZWH4
Applicant's Name / Address	Weifang Goertek Electronics Co., Ltd Gaoxin 2 Road, Free Trade Zone, Weifang, Shandong, P.R. China, 261205
Manufacturer's Name / Address	Sony Interactive Entertainment Inc. 1-7-1Konan, Minato-ku Tokyo 108-0075, Japan
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	May 25, 2026
Date of Issue	Jul. 17, 2026
Report Version	V1.0

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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	Jul. 17, 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	2400 ~ 2483.5 MHz
Operating Frequency	2406.35 ~ 2474.35 MHz
Channel Number	35 Channels
Type of Modulation	PI/4 DQPSK

Accessories Information			
No.	Equipment Name	Brand Name	Model No.
1	Wireless Adapter	SONY	CFI-ZWA3

Antenna Information				
Ant.	Brand Name	Model No.	Type	Antenna Gain (dBi)
1	Bomin	309000161039R3-ANT_SKY_ANT2	PCB IFA	4.51
2	Bomin	309000161039R3-ANT_SKY_ANT1	PCB IFA	4.76

1TX, 1RX Function:

The EUT supports the antenna with TX and RX diversity functions.

Both Ant. 1 and Ant. 2 support transmit and receive functions, but only one of them will be used at one time.

The Ant. 2 generated the worst case, so it was selected to test and record in the report.

Working Frequency of Each Channel							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
2	2406.35	3	2408.35	4	2410.35	5	2412.35
6	2414.35	7	2416.35	8	2418.35	9	2420.35
10	2422.35	11	2424.35	12	2426.35	13	2428.35
14	2430.35	15	2432.35	16	2434.35	17	2436.35
18	2438.35	19	2440.35	20	2442.35	21	2444.35
22	2446.35	23	2448.35	24	2450.35	25	2452.35
26	2454.35	27	2456.35	28	2458.35	29	2460.35
30	2462.35	31	2464.35	32	2466.35	33	2468.35
34	2470.35	35	2472.35	36	2474.35	--	--

Note:

- The SRD 2.4 GHz operating frequency range is reported as 2406.35 MHz to 2474.35 MHz based on the client declaration. The EUT TX signal used for RF testing was from 2406.3958 MHz to 2474.3958 MHz.
- The above EUT information is declared by the manufacturer.

1.2. EUT Information

EUT Power Type	From Adapter / Host system / Battery
----------------	--------------------------------------

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 ISCED.	
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 ISCED.	
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 / 60~65	2026/06/11
RF Conducted Emission	HC-SR12	Clemens Fang	22.4~24.2 / 52.4~54.2	2026/06/08~2026/06/11
Radiated Emission	HC-CB04	Ling Chen	22~22.8 / 57~59	2026/06/09-2026/06/10

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 Analyzer	R&S	FSVA40	101455	10 Hz-40 GHz	2026/03/27	2027/03/26
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
Horn Antenna	Schwarzbeck	BBHA 9170	203	18G-40GHz	2025/12/04	2026/12/03
Pre-Amplifier	DEKRA	AP-400C	201801231	18G-40 GHz,48 dB	2025/10/16	2026/10/15
Coaxial Cable	Huber+Suhner	SF104	HC-CB04	30 MHz-18 GHz, 11m	2025/08/07	2026/08/06
Coaxial Cable	Huber+Suhner, Rosnol	SF102_UP0264	HC-CB04-1	18-40 GHz, 3m	2025/08/13	2026/08/12
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
Preamplifier	SGH	PRAMP0510	20200703	1G-8GHz	2026/01/10	2027/01/09
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 120V/60Hz

2.2. Test Frequency Mode

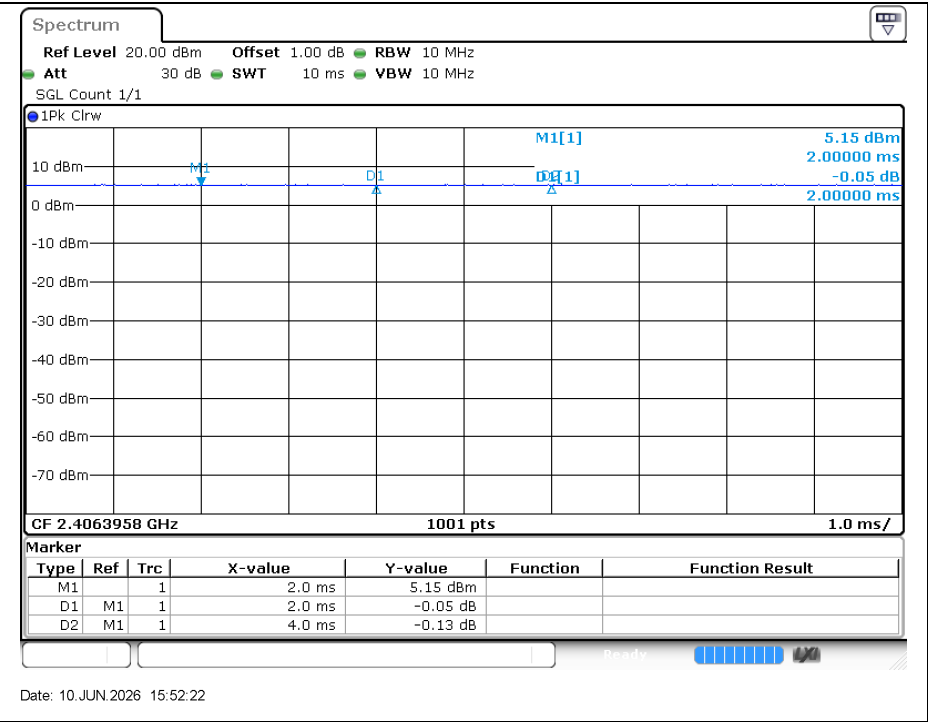
Test Software Version	avserve, Version: 2.109.0.0
-----------------------	-----------------------------

Mode	Frequency (MHz)	Power Setting
SRD	2406.35	Default
	2440.35	Default
	2474.35	Default

2.3. Duty Cycle

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

Note: The duty factor will compensate for the total power and power spectral density.



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
1	Powered by notebook
2	Powered by adapter

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
1	Powered by notebook
2	Powered by adapter
Operating Mode > 1GHz	Transmit
1	Powered by notebook
The EUT was performed at X axis, Y axis and Z axis position for adiated spurious emission test. The worst case was found at X 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

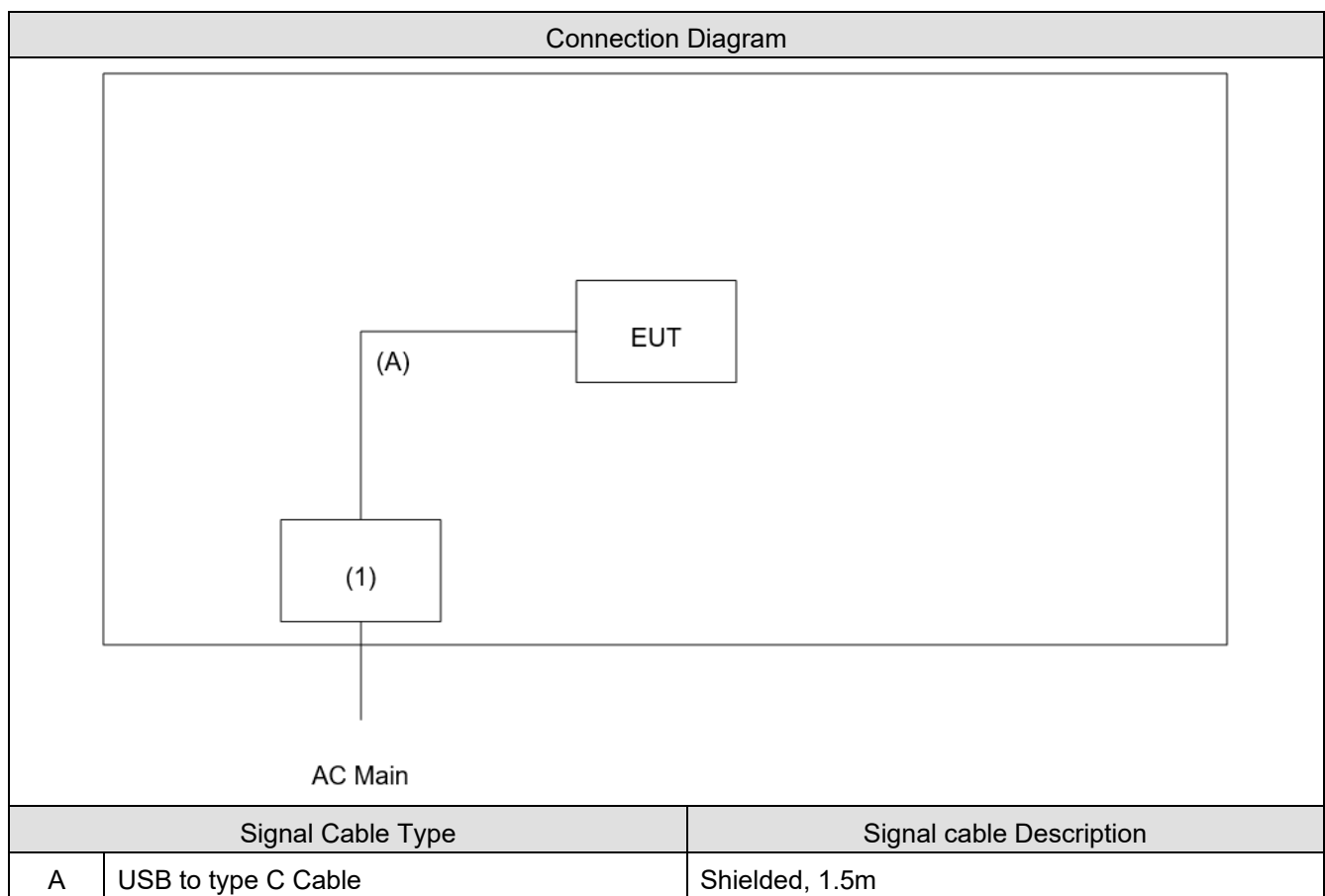
Test Mode: Mode 1

No.	Equipment	Brand Name	Model No.	Serial No.
1	Notebook	ASUS	BX310U	J5N0CV04S32319B

Test Mode: Mode 2

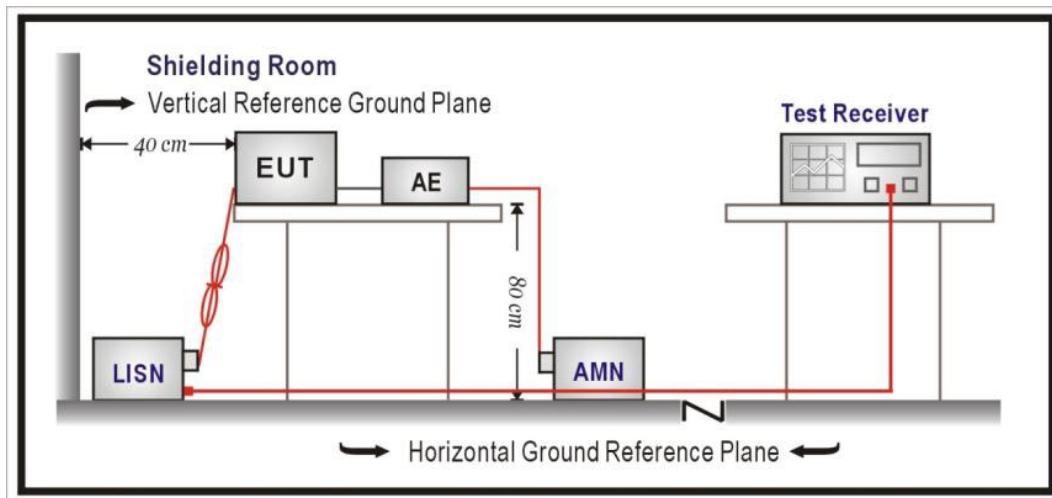
No.	Equipment	Brand Name	Model No.	Serial No.
1	Adapter	STAR	TC-20W	N/A

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. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs.)

Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

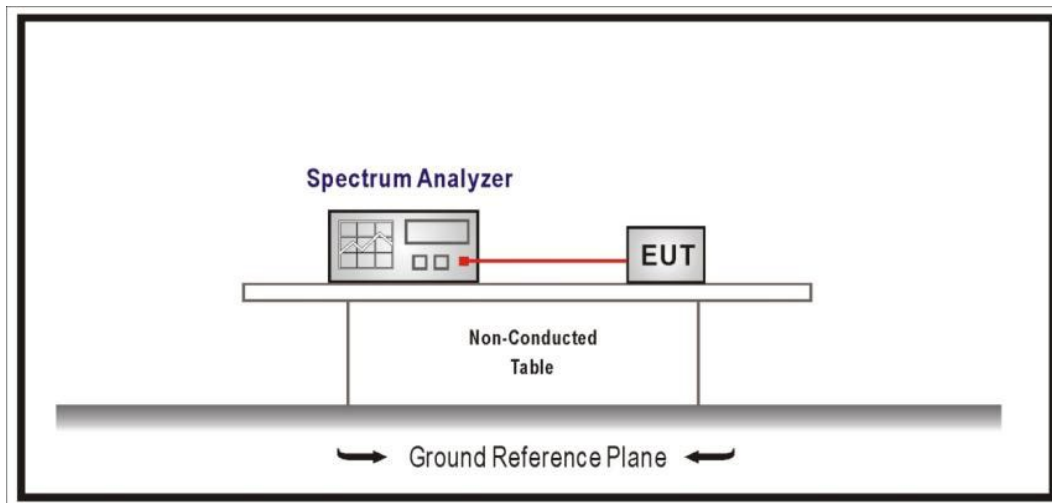
Conducted emissions were investigated over the frequency range from 0.15 MHz to 30 MHz using a receiver bandwidth of 9 kHz.

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: ≥ 0.50 MHz.

Occupied Bandwidth: N/A

4.3. Test Procedures

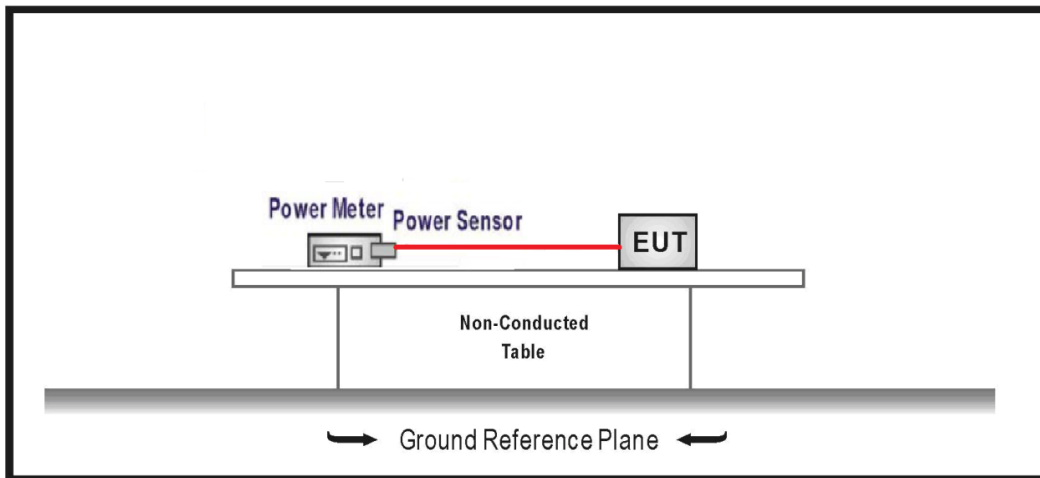
The EUT was setup according to ANSI C63.10; tested according to DTS test procedure of KDB 558074.

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 30 dBm (1 Watt).

5.3. Test Procedures

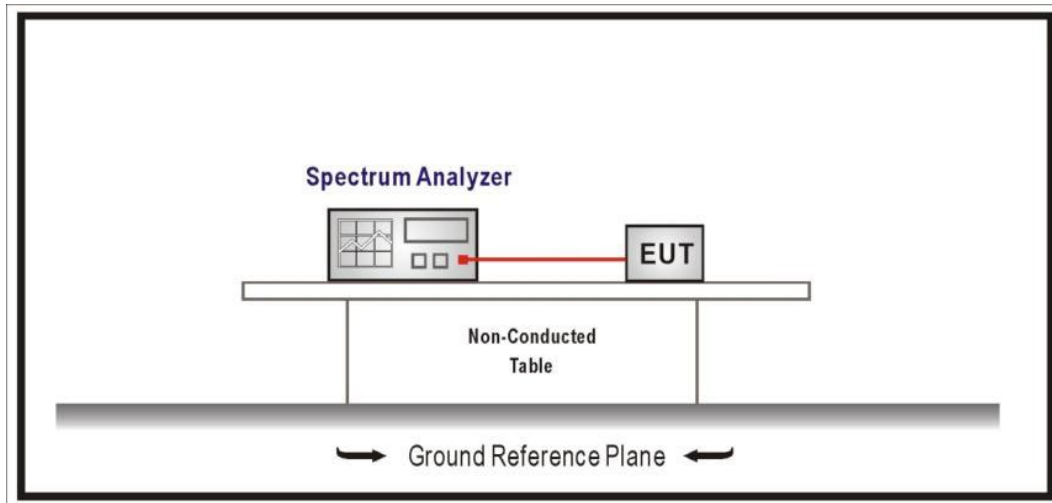
The EUT was setup according to ANSI C63.10; tested according to DTS test procedure of KDB 558074.

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

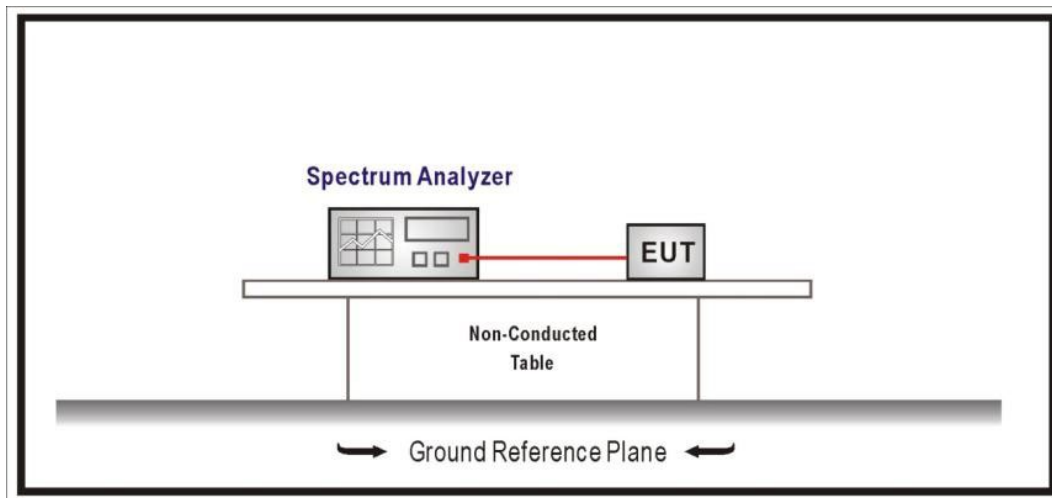
The EUT was setup according to ANSI C63.10; tested according to DTS test procedure of KDB 558074.

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.

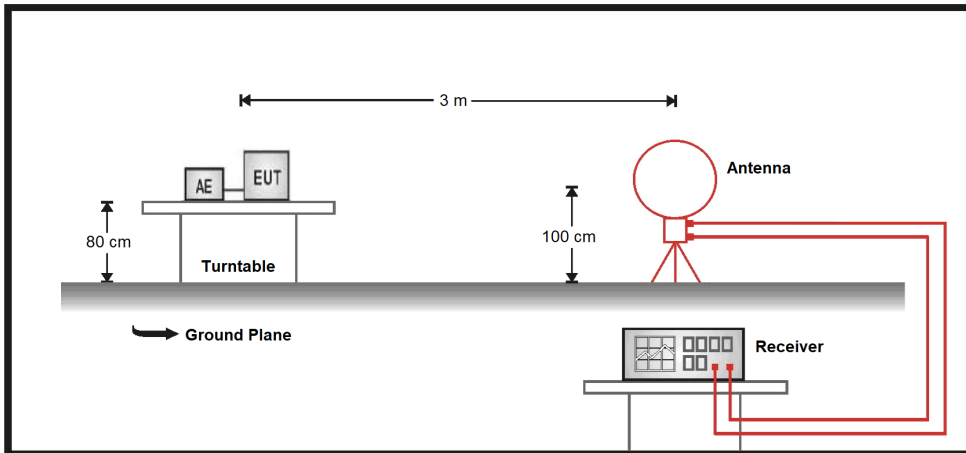
7.4. Test Result of Antenna Port Conducted Emission

Refer as Appendix E

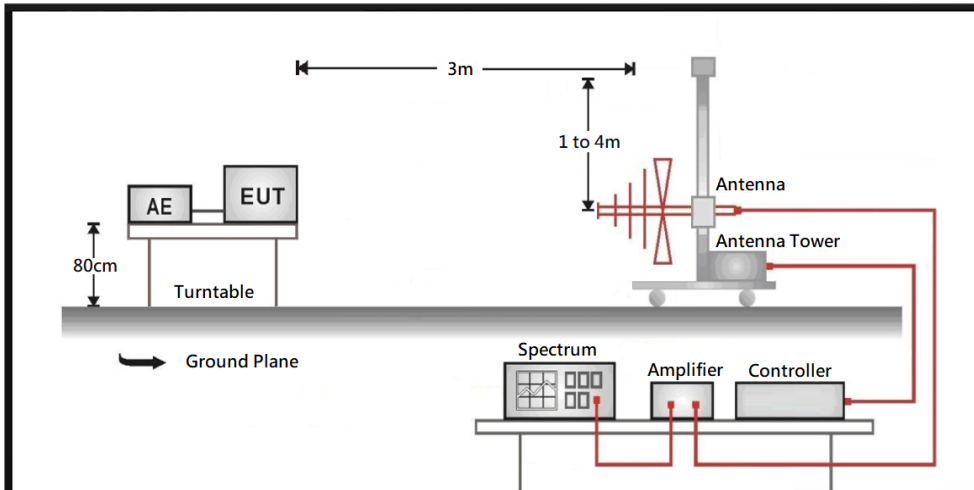
8. Transmitter Radiated Spurious Emission

8.1. Test Setup

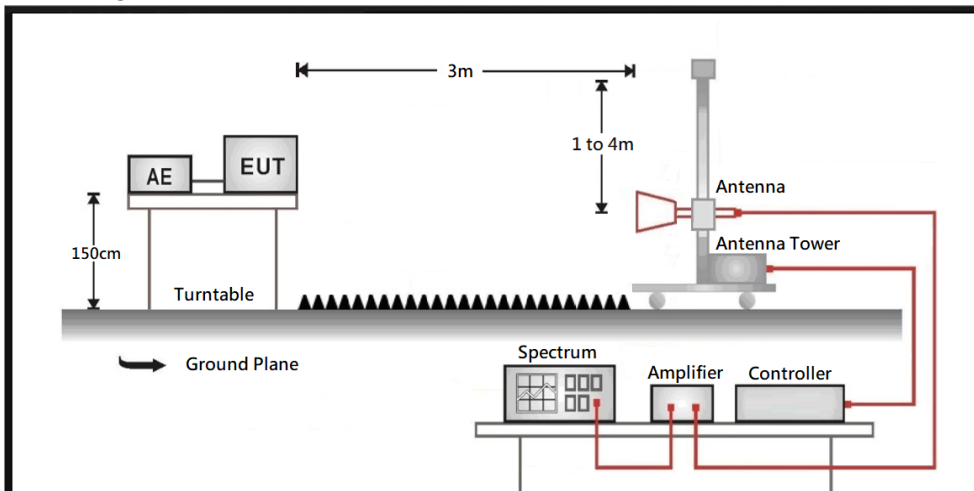
9 kHz ~ 30 MHz



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)

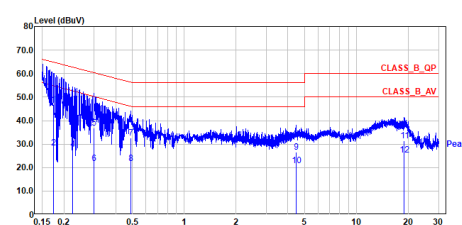
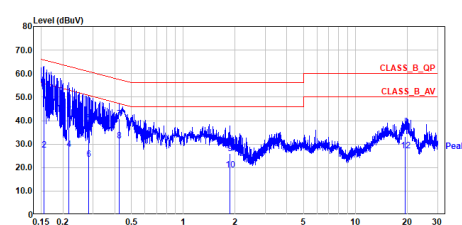
The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

8.5. Test Result of Transmitter Radiated Spurious Emission

Refer as Appendix F

Appendix A. Test Result of AC Power Line Conducted Emission

Test Mode: Mode 1

TX_SRD_2474.35MHz_Line								TX_SRD_2474.35MHz_Neutral							
Site :HC-SR02 Condition :-----,Line Model No :TX_SRD_2474.35MHz Test By :Cyril Chen								Site :HC-SR02 Condition :-----,Neutral Model No :TX_SRD_2474.35MHz 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	0.175	46.94	64.73	-17.79	37.32	9.62	QP	1	0.155	51.08	65.71	-14.63	41.46	9.62	QP
2	0.175	28.34	54.73	-26.39	18.72	9.62	Average	2	0.155	27.55	55.71	-28.16	17.93	9.62	Average
3	0.224	41.72	62.65	-20.93	32.09	9.63	QP	3	0.217	44.16	62.92	-18.76	34.53	9.63	QP
4	0.224	27.66	52.65	-24.99	18.03	9.63	Average	4	0.217	27.73	52.92	-25.19	18.10	9.63	Average
5	0.300	36.76	60.24	-23.48	27.13	9.63	QP	5	0.284	39.04	60.70	-21.66	29.41	9.63	QP
6	0.300	21.65	50.24	-28.59	12.02	9.63	Average	6	0.284	23.46	50.70	-27.24	13.83	9.63	Average
7	0.491	32.70	56.14	-23.44	23.05	9.65	QP	7	0.425	48.61	57.36	-16.75	30.97	9.64	QP
8	0.491	21.66	46.14	-24.48	12.01	9.65	Average	8	0.425	31.38	47.36	-15.98	21.74	9.64	Average
9	4.469	26.50	56.00	-29.50	16.63	9.87	QP	9	1.867	26.08	56.00	-29.92	16.33	9.75	QP
10	4.469	20.70	46.00	-25.30	10.83	9.87	Average	10	1.867	19.01	46.00	-26.97	9.28	9.75	Average
11	18.935	31.25	60.00	-28.75	20.99	10.26	QP	11	19.430	33.07	60.00	-26.93	22.62	10.45	QP
12	18.935	25.36	50.00	-24.64	15.10	10.26	Average	12	19.430	27.09	50.00	-22.91	16.64	10.45	Average

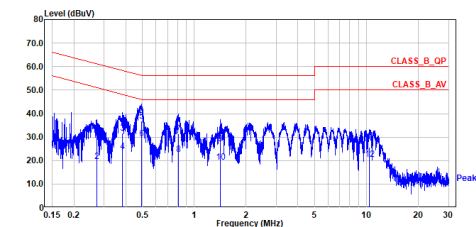
Note:
1. "*" means this data is the worst emission level.
2. Emission Level = Reading Level + Correct Factor
(Correct Factor = LISN Insertion Loss + Cable Loss).
3. Margin = Emission Level - Limit.

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.

Test Mode: Mode 2

TX_SRD_2474.35MHz_Line

Site :HC-SR02
Condition :-----,Line
Model No :TX_SRD_2474.35MHz
Test By :Cyril Chen



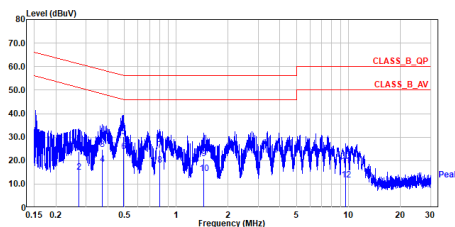
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	0.273	28.15	61.04	-32.89	18.52	9.63	QP
2	0.273	19.50	51.04	-31.54	9.87	9.63	Average
3	0.383	31.60	58.21	-26.61	21.96	9.64	QP
4	0.383	23.81	48.21	-24.40	14.17	9.64	Average
5	0.493	36.96	56.12	-19.16	27.51	9.65	QP
6	0.493	29.43	46.12	-16.69	19.78	9.65	Average
7	0.811	31.28	56.00	-24.72	21.60	9.68	QP
8	0.811	22.77	46.00	-23.23	13.09	9.68	Average
9	1.423	27.03	56.00	-28.97	17.31	9.72	QP
10	1.423	19.26	46.00	-26.74	9.54	9.72	Average
11	10.396	25.70	60.00	-34.30	15.61	10.09	QP
12	10.396	20.64	50.00	-29.36	10.55	10.09	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.

TX_SRD_2474.35MHz_Neutral

Site :HC-SR02
Condition :-----,Neutral
Model No :TX_SRD_2474.35MHz
Test By :Cyril Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	0.271	23.90	61.08	-37.18	14.27	9.63	QP
2	0.271	15.22	51.08	-35.86	5.59	9.63	Average
3	0.371	24.88	58.47	-33.59	15.24	9.64	QP
4	0.371	18.27	48.47	-30.20	8.63	9.64	Average
5	0.494	30.22	56.10	-25.88	20.57	9.65	QP
6	0.494	23.98	46.10	-22.12	14.33	9.65	Average
7	0.803	24.54	56.00	-31.46	14.86	9.68	QP
8	0.803	18.00	46.00	-28.00	8.32	9.68	Average
9	1.451	20.89	56.00	-35.11	11.17	9.72	QP
10	1.451	14.52	46.00	-31.48	4.80	9.72	Average
11	9.628	17.95	60.00	-42.05	7.86	10.09	QP
12	9.628	11.71	50.00	-38.29	1.62	10.09	Average

Note:

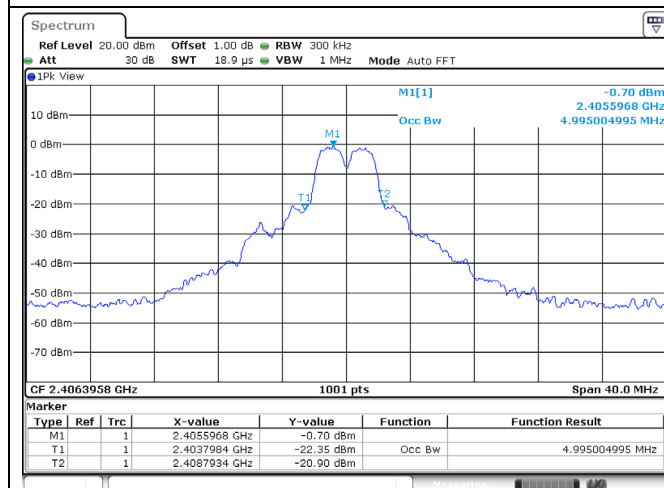
1. "*" means this data is the worst emission level.
2. Emission Level = Reading Level + Correct Factor
(Correct Factor = LISN Insertion Loss + Cable Loss).
3. Margin = Emission Level - Limit.

Appendix B.1 Test Result of Occupied Bandwidth

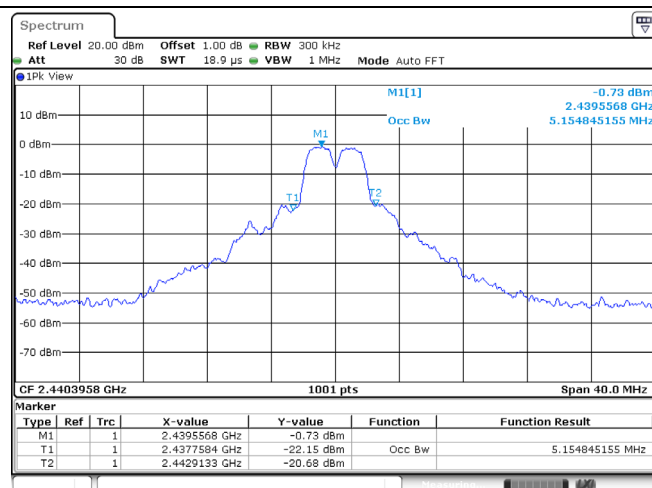
Mode	Frequency (MHz)	Occupied Bandwidth (MHz)	Limit (MHz)
SRD	2406.35	5.000	--
	2440.35	5.150	--
	2474.35	4.960	--

Spectrum plot of maximum value

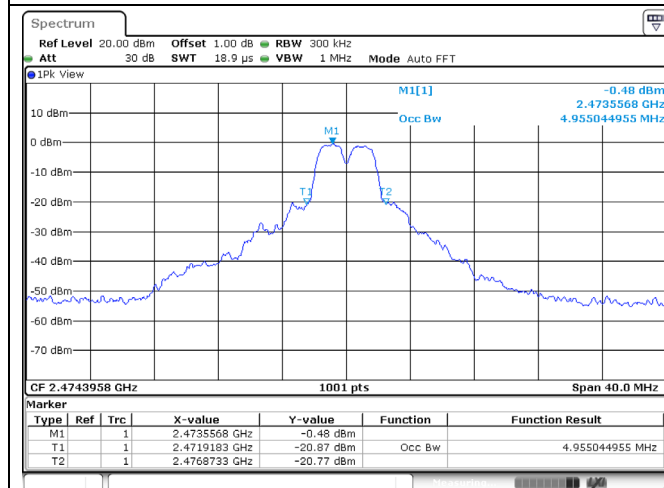
2406.35 MHz



2440.35 MHz



2474.35 MHz

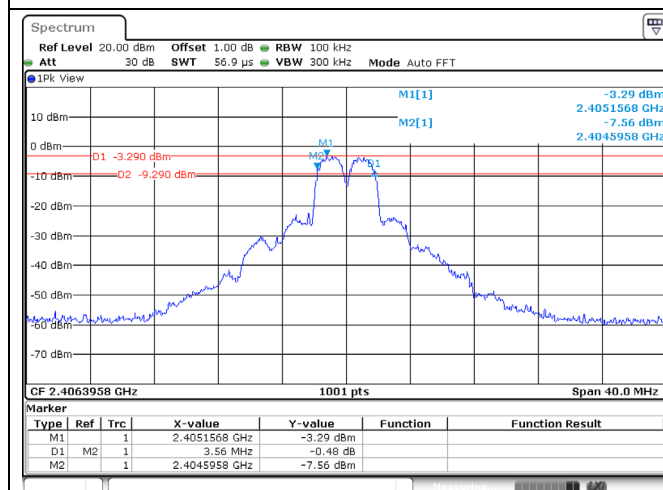


Appendix B.2 Test Result of DTS Bandwidth

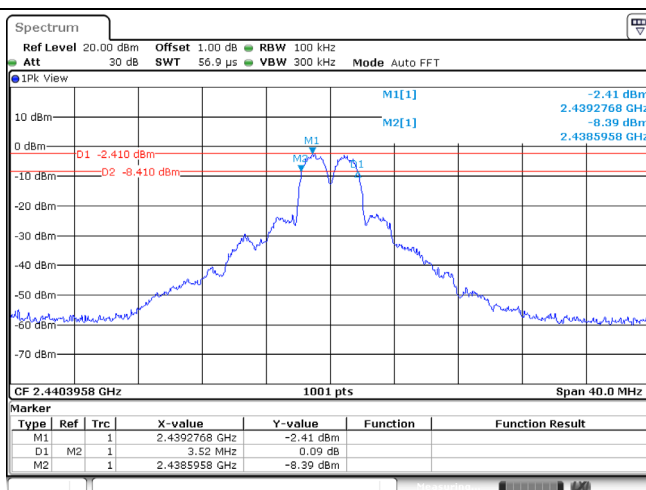
Mode	Frequency (MHz)	DTS Bandwidth (MHz)	Limit (MHz)	Result
SRD	2406.35	3.560	0.50	Pass
	2440.35	3.520	0.50	Pass
	2474.35	3.480	0.50	Pass

Spectrum plot of maximum value

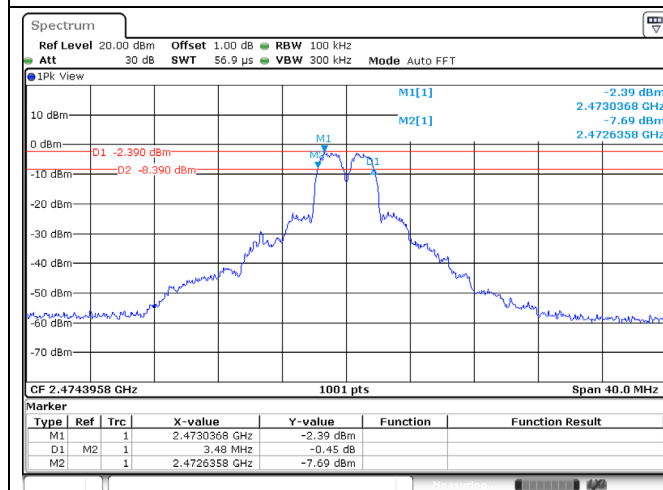
2406.35 MHz



2440.35 MHz



2474.35 MHz

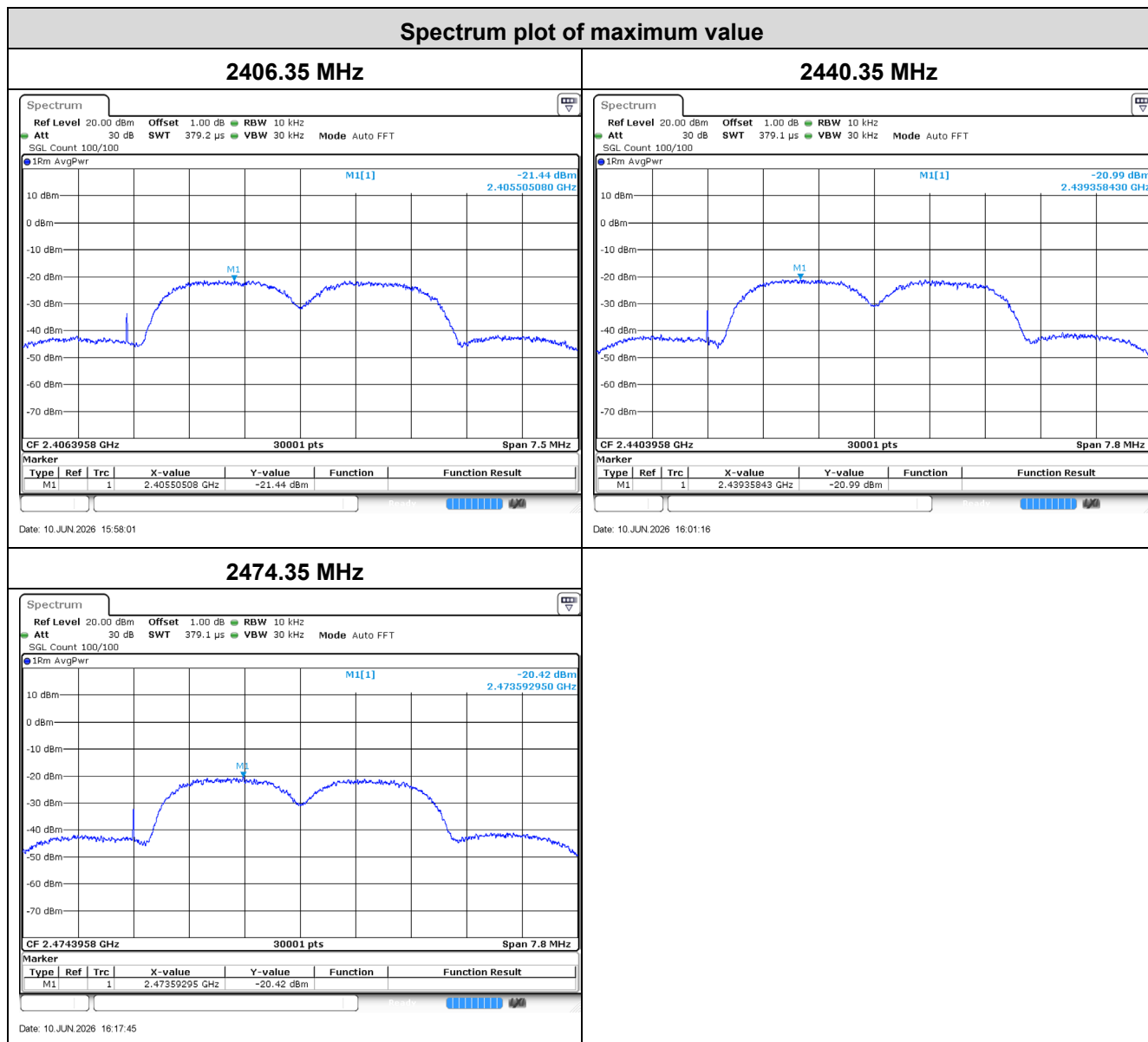


Appendix C. Test Result of Maximum Conducted Output Power

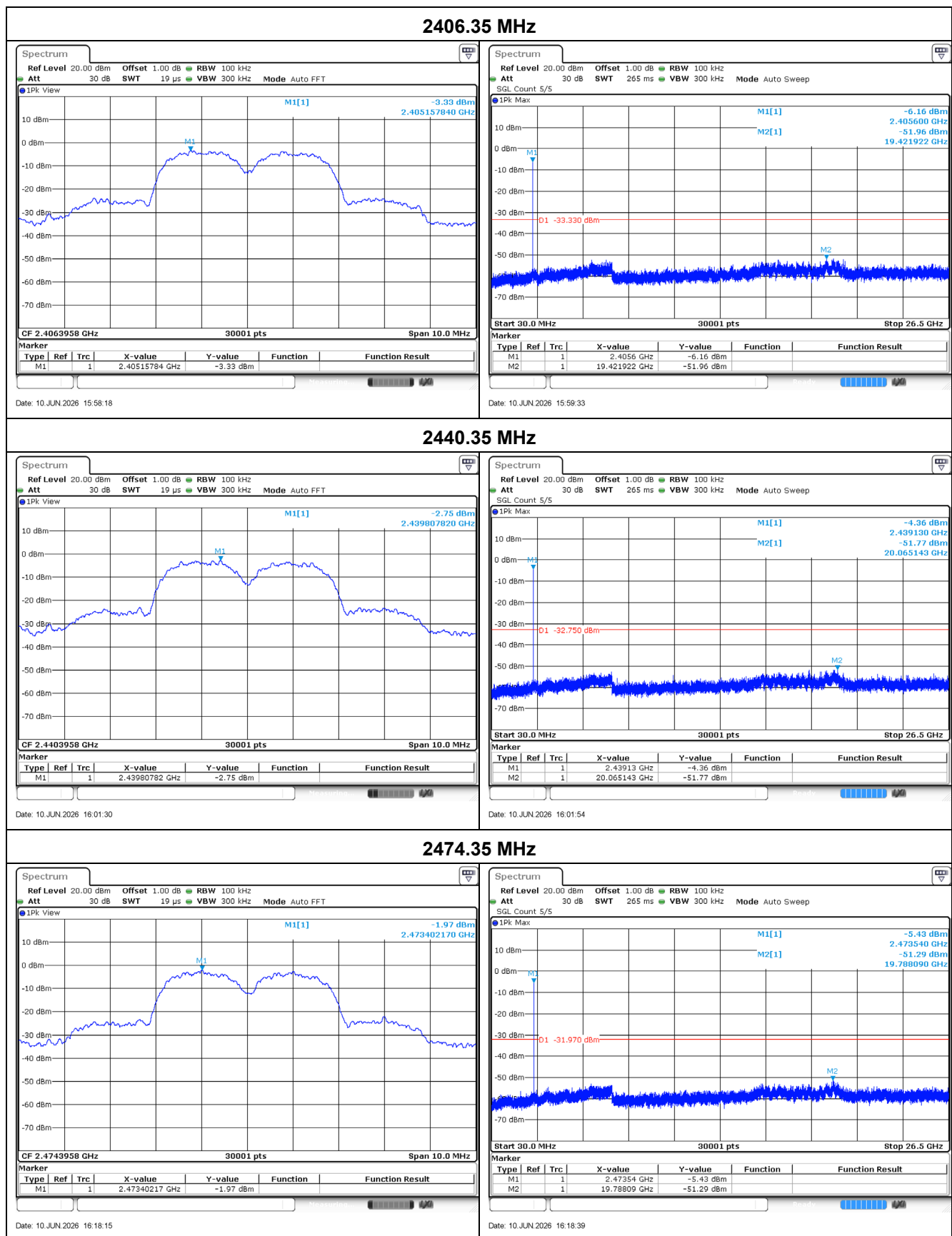
Mode	Frequency (MHz)	Maximum Conducted Average Output Power (dBm)	Limit (MHz)	Result
SRD	2406.35	1.940	30.00	Pass
	2440.35	2.220	30.00	Pass
	2474.35	2.360	30.00	Pass

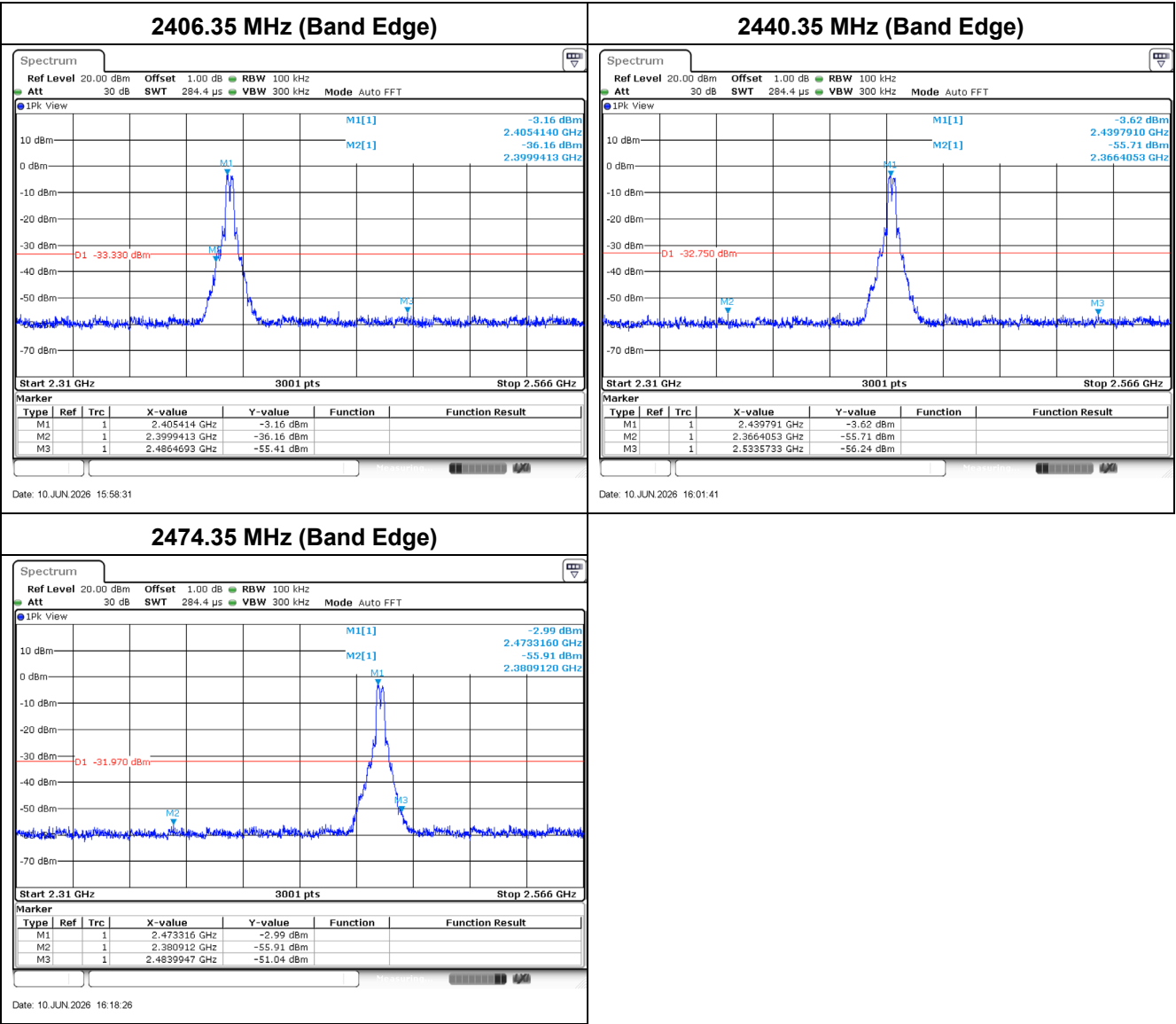
Appendix D. Test Result of Maximum Power Spectral Density

Mode	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
SRD	2406.35	-21.440	8.00	Pass
	2440.35	-20.990	8.00	Pass
	2474.35	-20.420	8.00	Pass



Appendix E. Test Result of Antenna Port Conducted Emission



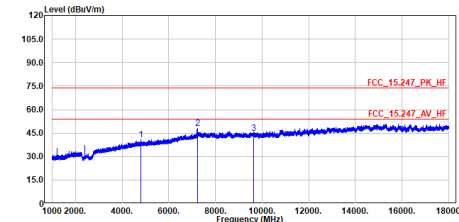


Appendix F. Test Result of Transmitter Radiated Spurious Emission

Test Mode 1

TX_SRD_2406.35MHz_H

Site :HC-CB04
Condition :3m ,Horizontal
Mode :TX_SRD_2406.35MHz
Test By :Ling Chen

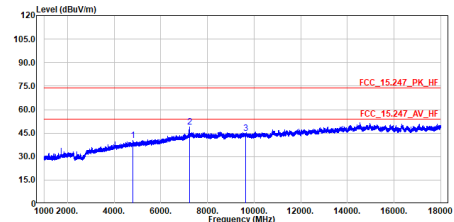


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	4812.792	40.75	74.00	-33.25	58.85	-18.10	Peak
2	7219.188	47.79	74.00	-26.21	61.17	-13.38	Peak
3	9625.583	45.05	74.00	-28.95	55.42	-10.37	Peak

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.

TX_SRD_2406.35MHz_V

Site :HC-CB04
Condition :3m ,Vertical
Mode :TX_SRD_2406.35MHz
Test By :Ling Chen

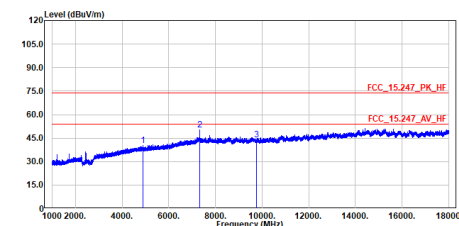


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	4812.792	40.35	74.00	-33.65	58.45	-18.10	Peak
2	7219.188	49.04	74.00	-24.96	62.42	-13.38	Peak
3	9625.583	44.68	74.00	-29.32	55.05	-10.37	Peak

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.

TX_SRD_2440.35MHz_H

Site :HC-CB04
Condition :3m ,Horizontal
Mode :TX_SRD_2440.35MHz
Test By :Ling Chen

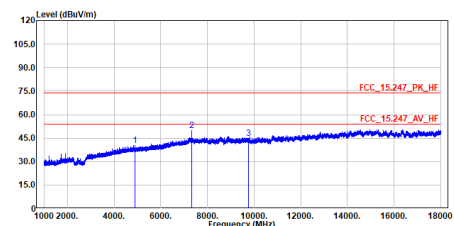


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	4880.792	40.24	74.00	-33.76	58.17	-17.93	Peak
2	7321.188	50.29	74.00	-23.71	63.53	-13.24	Peak
3	9761.583	44.14	74.00	-29.86	54.41	-10.27	Peak

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.

TX_SRD_2440.35MHz_V

Site :HC-CB04
Condition :3m ,Vertical
Mode :TX_SRD_2440.35MHz
Test By :Ling Chen

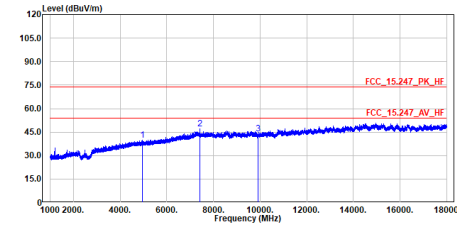


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	4880.792	40.51	74.00	-33.49	58.44	-17.93	Peak
2	7321.188	49.72	74.00	-24.28	62.96	-13.24	Peak
3	9761.583	44.66	74.00	-29.34	54.93	-10.27	Peak

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.

TX_SRD_2474.35MHz_H

Site :HC-CB04
Condition :3m ,Horizontal
Mode :TX_SRD_2474.35MHz
Test By :Ling Chen



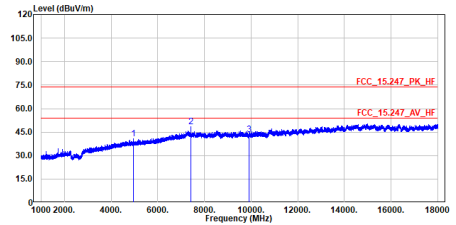
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4948.792	39.82	74.00	-34.18	57.59	-17.77	Peak
2	7423.188	47.26	74.00	-26.74	60.37	-13.11	Peak
3	9897.583	43.99	74.00	-30.01	54.14	-10.15	Peak

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.

TX_SRD_2474.35MHz_V

Site :HC-CB04
Condition :3m ,Vertical
Mode :TX_SRD_2474.35MHz
Test By :Ling Chen



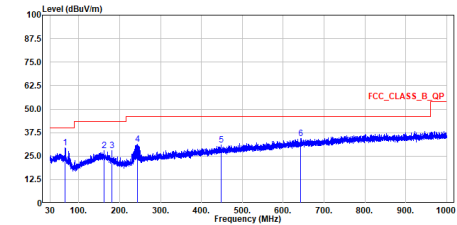
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4948.792	40.68	74.00	-33.32	58.45	-17.77	Peak
2	7423.188	48.43	74.00	-25.57	61.54	-13.11	Peak
3	9897.583	43.53	74.00	-30.47	53.68	-10.15	Peak

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.

TX_SRD_2474.35MHz_H_QP

Site :HC-CB04
Condition :3m Horizontal
RB/VB(kHz):100 / 300
Mode :TX_SRD_2474.35MHz
Test By :Ling Chen



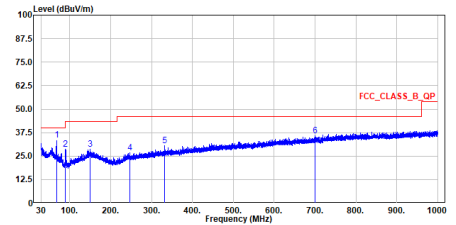
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	66.569	29.55	48.00	-18.45	53.59	-24.04	QP
2	162.308	27.76	43.50	-15.74	50.34	-22.58	QP
3	181.320	27.98	43.50	-15.52	52.35	-24.37	QP
4	243.206	31.41	46.00	-14.59	55.34	-23.93	QP
5	448.070	30.80	46.00	-15.20	48.79	-17.99	QP
6	642.361	34.24	46.00	-11.76	48.48	-14.24	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.

TX_SRD_2474.35MHz_V_QP

Site :HC-CB04
Condition :3m Vertical
RB/VB(kHz):100 / 300
Mode :TX_SRD_2474.35MHz
Test By :Ling Chen



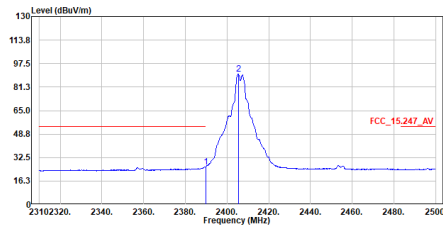
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	67.442	33.69	48.00	-14.31	57.65	-23.96	QP
2	89.073	28.84	43.50	-14.66	57.17	-28.33	QP
3	149.310	28.69	43.50	-14.81	51.24	-22.55	QP
4	247.183	26.87	46.00	-19.13	50.72	-23.85	QP
5	332.058	30.72	46.00	-15.28	51.78	-21.06	QP
6	700.658	35.82	46.00	-10.18	49.22	-13.40	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.

TX_SRD_2406.35MHz_H_Average

Site :HC-CB04
Condition :3m ,Horizontal
Mode :TX_SRD_2406.35MHz
Test By :Ling Chen

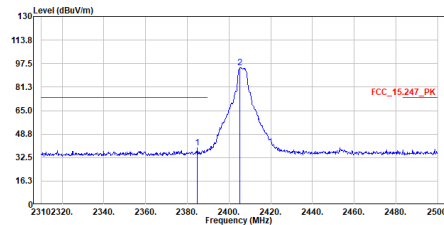


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.990	26.21	54.00	-27.79	20.27	5.94	Average
2	2405.380	90.36	-----	-----	84.40	5.96	Average

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.

TX_SRD_2406.35MHz_H_Peak

Site :HC-CB04
Condition :3m ,Horizontal
Mode :TX_SRD_2406.35MHz
Test By :Ling Chen

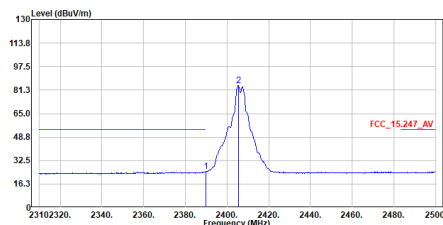


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2384.860	39.06	74.00	-34.94	33.14	5.92	Peak
2	2405.190	94.64	-----	-----	88.68	5.96	Peak

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.

TX_SRD_2406.35MHz_V_Average

Site :HC-CB04
Condition :3m ,Vertical
Mode :TX_SRD_2406.35MHz
Test By :Ling Chen

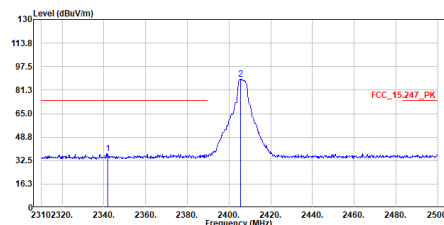


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.990	24.98	54.00	-29.02	19.04	5.94	Average
2	2405.380	84.50	-----	-----	78.54	5.96	Average

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.

TX_SRD_2406.35MHz_V_Peak

Site :HC-CB04
Condition :3m ,Vertical
Mode :TX_SRD_2406.35MHz
Test By :Ling Chen

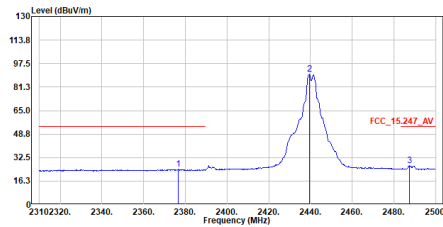


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2341.920	37.17	74.00	-36.83	31.32	5.85	Peak
2	2405.380	88.78	-----	-----	82.82	5.96	Peak

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.

TX_SRD_2440.35MHz_H_Average

Site :HC-CB04
Condition :3m ,Horizontal
Mode :TX_SRD_2440.35MHz
Test By :Ling Chen



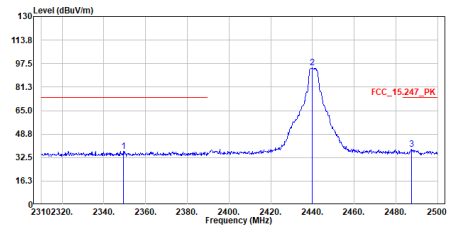
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	2376.690	24.29	54.00	-29.71	18.37	5.92	Average
2	2439.390	98.17	-----	-----	84.16	6.01	Average
3	2487.460	26.91	54.00	-27.09	20.82	6.09	Average

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.

TX_SRD_2440.35MHz_H_Peak

Site :HC-CB04
Condition :3m ,Horizontal
Mode :TX_SRD_2440.35MHz
Test By :Ling Chen



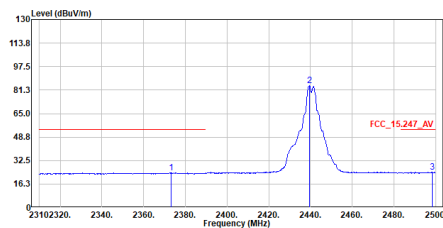
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	2349.520	36.71	74.00	-37.29	30.84	5.87	Peak
2	2439.770	94.46	-----	-----	88.45	6.01	Peak
3	2487.460	38.03	74.00	-35.97	31.94	6.09	Peak

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.

TX_SRD_2440.35MHz_V_Average

Site :HC-CB04
Condition :3m ,Vertical
Mode :TX_SRD_2440.35MHz
Test By :Ling Chen



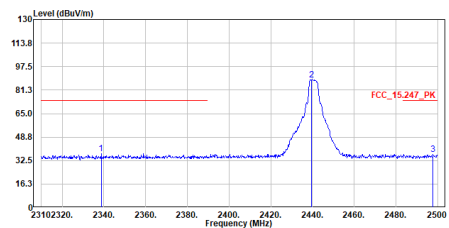
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	2373.080	24.19	54.00	-29.81	18.29	5.90	Average
2	2439.390	84.40	-----	-----	78.39	6.01	Average
3	2498.290	24.43	54.00	-29.57	18.32	6.11	Average

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.

TX_SRD_2440.35MHz_V_Peak

Site :HC-CB04
Condition :3m ,Vertical
Mode :TX_SRD_2440.35MHz
Test By :Ling Chen



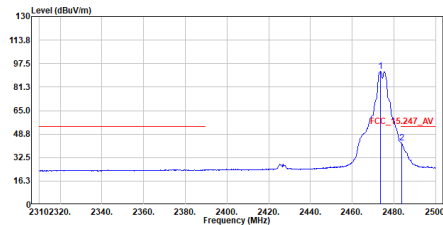
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	2338.690	37.30	74.00	-36.70	31.45	5.85	Peak
2	2439.390	88.49	-----	-----	82.48	6.01	Peak
3	2497.720	36.96	74.00	-37.04	30.85	6.11	Peak

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.

TX_SRD_2474.35MHz_H_Average

Site :HC-CB04
Condition :3m ,Horizontal
Mode :TX_SRD_2474.35MHz
Test By :Ling Chen

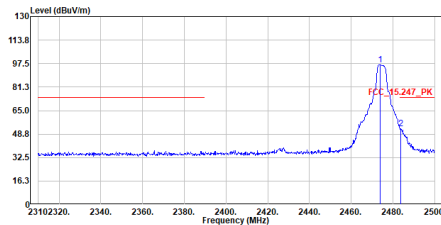


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	2473.590	92.47	-----	-----	86.40	6.07	Average
2	2483.660	42.56	54.00	-11.44	36.48	6.08	Average

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.

TX_SRD_2474.35MHz_H_Peak

Site :HC-CB04
Condition :3m ,Horizontal
Mode :TX_SRD_2474.35MHz
Test By :Ling Chen

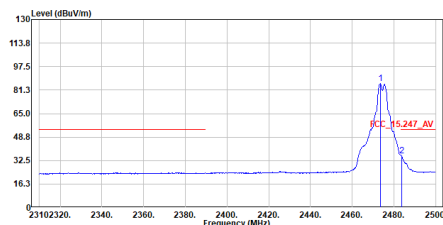


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	2473.780	96.67	-----	-----	90.60	6.07	Peak
2	2483.660	52.65	74.00	-21.35	46.57	6.08	Peak

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.

TX_SRD_2474.35MHz_V_Average

Site :HC-CB04
Condition :3m ,Vertical
Mode :TX_SRD_2474.35MHz
Test By :Ling Chen

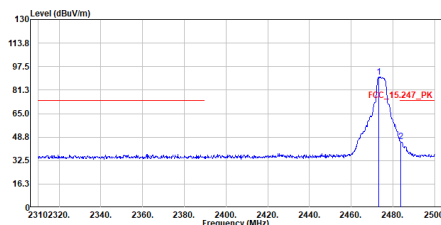


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	2473.590	85.97	-----	-----	79.90	6.07	Average
2	2483.660	35.92	54.00	-18.08	29.84	6.08	Average

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.

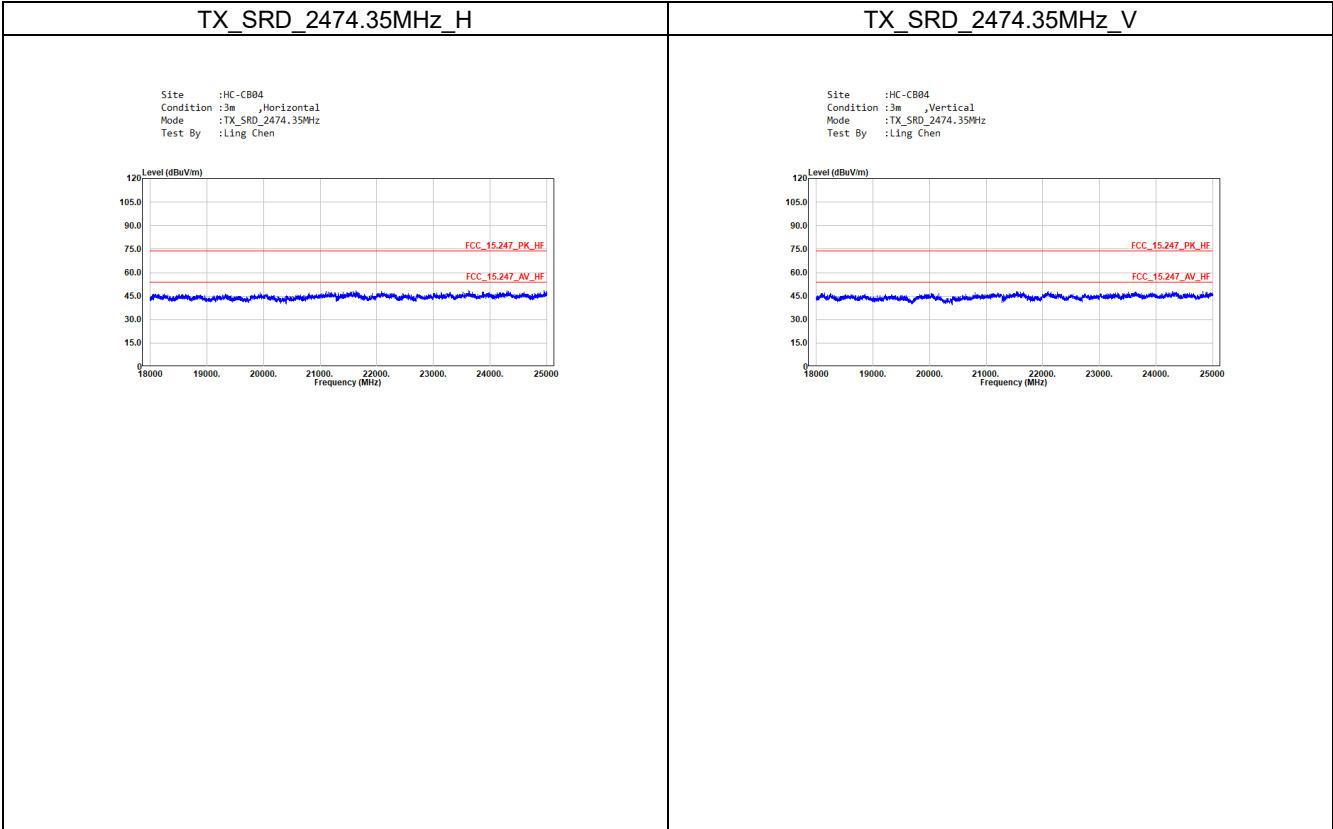
TX_SRD_2474.35MHz_V_Peak

Site :HC-CB04
Condition :3m ,Vertical
Mode :TX_SRD_2474.35MHz
Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	2473.210	90.11	-----	-----	84.04	6.07	Peak
2	2483.660	45.77	74.00	-28.23	39.69	6.08	Peak

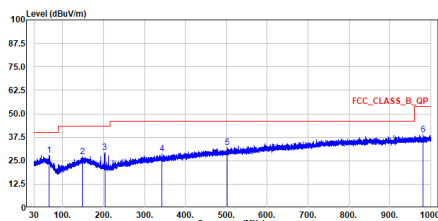
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.



Test Mode 2

TX_SRD_2474.35MHz_H_QP

Site :HC-CB04
Condition :3m Horizontal
RB/VB(kHz):100 / 300
Mode :TX_SRD_2474.35MHz
Test By :Ling Chen

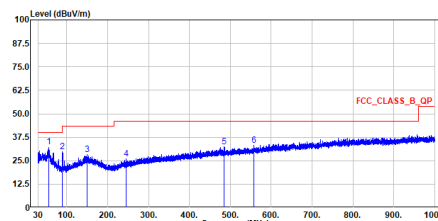


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	66.569	28.09	40.00	-11.91	52.13	-24.04	QP
2	148.534	26.98	43.50	-16.52	49.59	-22.61	QP
3	202.466	29.40	43.50	-14.10	55.43	-26.03	QP
4	342.631	28.50	46.00	-17.50	49.47	-20.97	QP
5	501.711	32.04	46.00	-13.96	49.23	-17.19	QP
6	981.764	38.96	54.00	-15.04	48.86	-9.90	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.

TX_SRD_2474.35MHz_V_QP

Site :HC-CB04
Condition :3m Vertical
RB/VB(kHz):100 / 300
Mode :TX_SRD_2474.35MHz
Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	55.608	32.47	40.00	-7.53	54.89	-22.42	QP
2	89.170	29.88	43.50	-13.62	58.20	-28.32	QP
3	149.213	28.47	43.50	-15.03	51.04	-22.57	QP
4	245.825	25.88	46.00	-20.12	49.73	-23.85	QP
5	483.863	32.58	46.00	-13.42	50.06	-17.48	QP
6	558.359	33.27	46.00	-12.73	49.46	-16.19	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.