

Test Report No:
2450512R-RFUSV01S-A

TEST REPORT

FCC Rules&Regulations

Product Name	Wi-Fi AccessPoint
Brand Name	Verizon
Model No.	CHR30A
FCC ID	NKR-LVSK-R5
Applicant's Name / Address	WNC Corporation 20 Park Avenue II, Hsinchu Science Park, Hsinchu 308, Taiwan
Manufacturer's Name / Address	WNC Corporation 20 Park Avenue II, Hsinchu Science Park, Hsinchu 308, Taiwan
Test Method Requested, Standard	FCC CFR Title 47 Part 15 Subpart C Section 15.247 ANSI C63.10-2020, ANSI C63.10-2020+Cor.1-2023, ANSI C63.10a-2024
Verdict Summary	IN COMPLIANCE
Documented By	 Amelia Wu
Approved By	 Allen Lin
Date of Receipt	May 21, 2024
Date of Issue	Nov. 24, 2025
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	13
2.4. The Worst Case Measurement Configuration.....	16
2.5. Tested System Details.....	18
2.6. Configuration of Tested System	18
3. AC Power Line Conducted Emission	19
3.1. Test Setup	19
3.2. Test Limit	19
3.3. Test Procedure	19
3.4. Test Result of AC Power Line Conducted Emission	19
4. Occupied Bandwidth & DTS Bandwidth.....	20
4.1. Test Setup	20
4.2. Test Limit	20
4.3. Test Procedures	20
4.4. Test Result of Occupied Bandwidth & DTS Bandwidth.....	20
5. Maximum Conducted Output Power	21
5.1. Test Setup	21
5.2. Test Limit	21
5.3. Test Procedures	21
5.4. Test Result of Maximum Conducted Output Power	21
6. Maximum Power Spectral Density	22
6.1. Test Setup	22

6.2.	Test Limit	22
6.3.	Test Procedures	22
6.4.	Test Result of Maximum Power Spectral Density	22
7.	Antenna Port Conducted Emission	23
7.1.	Test Setup	23
7.2.	Test Limit	23
7.3.	Test Procedure	23
7.4.	Test Result of Antenna Port Conducted Emission	23
8.	Transmitter Radiated Spurious Emission	24
8.1.	Test Setup	24
8.2.	Test Limit	25
8.3.	Test Procedure	25
8.4.	Test Result of Transmitter Radiated Spurious Emission (Below 30 MHz)	26
8.5.	Test Result of Transmitter Radiated Spurious Emission	26
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	Nov. 24, 2025

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	IEEE 802.11b/g IEEE 802.11n/ax/be, VHT (20 MHz)	2412 ~ 2462 MHz
	IEEE 802.11n/ax/be, VHT (40 MHz)	2422 ~ 2452 MHz
Channel Number	IEEE 802.11b/g IEEE 802.11n/ax/be, VHT (20 MHz)	11 Channels
	IEEE 802.11n/ax/be, VHT (40 MHz)	7 Channels
Type of Modulation	IEEE 802.11b	DSSS-DBPSK, DQPSK, CCK
	IEEE 802.11g/n	OFDM-BPSK, QPSK, 16QAM, 64QAM
	IEEE 802.11ax	OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM
	VHT	OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM
	IEEE 802.11be	OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM

Accessories Information					
No.	Equipment Name	Brand Name	Model No.	Rating	Remark
1	Adapter 1	LUCENT TRANS	1A98-1250	INPUT: 100~120Vac, 1.6A, 50-60 Hz OUTPUT: 12.0Vac, 5.0A, 60.0W	With power cable: Non-Shielded, 1.8m
2	Adapter 2	LEADER ELECTRONICS INC.	ML60- 4120500-A1	INPUT: 120Vac, 1.5A, 60Hz OUTPUT: 12.0Vac, 5.0A, 60.0W	With power cable: Non-Shielded, 1.8m
3	Adapter 3	DELTA ELECTORNICS, INC.	ADH-60BW B	INPUT: 120Vac, 1.2A, 60Hz OUTPUT: 12.0Vac, 5.0A, 60.0W	With power cable: Non-Shielded, 1.8m
No.	Equipment Name	Description			
4	Ethernet Cable	Non-Shielded, 3m			

Note: After evaluating, adapter 1 is the worst result and recorded in the report.

Antenna Information						
Ant.	Brand Name	Model No.	Type	Antenna Gain (dBi)	Maximum Antenna Gain (dBi)	Directional Gain (dBi)
1	WNC	LVR5-2.4G	Dipole	2.88	3.66	5.51
2	WNC	LVR5-2.4G	Dipole	3.64		
3	WNC	LVR5-2.4G	Dipole	2.95		
4	WNC	LVR5-2.4G	Dipole	3.66		

Note: Directional Gain = $10 \log [(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{Ant}]$

For IEEE 802.11b/g/n/ax/be, VHT Mode: (4TX, 4RX)

All of the antenna No. can be used as transmitting/receiving antennas, and they can transmit/receive signal simultaneously.

1.2. EUT Information

EUT Power Type	From Adapter			
EUT Function	☒	Point-to-multipoint	☒	Point-to-point
Beamforming Function	☒	With beamforming	☐	Without beamforming
Resource Unit of 802.11ax/be	☒	Full RU		
	☐	Partial RU		
	☐	Channel Puncturing		
	☒	Multi-RU		
	☒	SU-MIMO		
	☒	MU-MIMO		

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, ANSI C63.10-2020+Cor.1-2023, ANSI C63.10a-2024

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

- ♦ KDB 558074 D01 v05r02
- ♦ KDB 662911 D01 v02r01
- ♦ 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-CB03, 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	25 / 65	2025/01/20
RF Conducted Emission	HC-SR12	Kevin Teng	18~23 / 44~52	2024/11/01~2024/12/15
Radiated Emission	HC-CB04	Ling Chen Cyril Chen Brook Cheng	18~22 / 48~55	2024/10/24~2025/1/17

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	± 2.34 dB
Occupied Bandwidth & DTS Bandwidth	± 282.55 Hz
Maximum Conducted Output Power	± 1.16 dB
Maximum Power Spectral Density	± 2.47 dB
Antenna Port Conducted Emission	± 2.47 dB
Transmitter Radiated Spurious Emission	± 3.52 dB below 1 GHz ± 3.56 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	2024/12/02	2025/12/01
EMI Test Receiver	R&S	ESR3	102608	9 kHz - 3.6 GHz	2024/09/11	2025/09/10
Two-Line V-Network	R&S	ENV216	100096	9kHz-30MHz	2024/06/03	2025/06/02
Coaxial Cable(9 m)	Harbour	RG-400	HC-SR02	9 kHz-2500 MHz	2024/08/15	2025/08/14
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	2024/06/20	2025/06/19
High Speed Peak Power Meter Dual Input	Anritsu	ML2496A	1602004	0.3-40 GHz	2024/10/29	2025/10/28
Pulse Power Sensor	Anritsu	MA2411B	1531043	0.3-40 GHz	2024/10/29	2025/10/28
Pulse Power Sensor	Anritsu	MA2411B	1531044	0.3-40 GHz	2024/10/29	2025/10/28

HC-CB04

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal. Date	Next Cal. Date
Signal and Spectrum Analyzer	R&S	FSVA40	101435	10 Hz-40 GHz	2024/05/17	2025/05/16
Trilog Broadband Antenna	Schwarzbeck	VULB 9168	1209	30 MHz-2 GHz	2024/06/11	2025/06/10
Double Ridged Horn Antenna	RF SPIN	DRH18-E	211212A18EN	1G-18GHz	2023/11/17	2024/11/16
Double Ridged Horn Antenna	RF SPIN	DRH18-E	211212A18EN	1G-18GHz	2024/11/26	2025/11/25
Horn Antenna	Schwarzbeck	BBHA 9170	203	18G-40GHz	2024/02/02	2025/02/01
Pre-Amplifier	DEKRA	AP-400C	201801231	18G-40 GHz,48 dB	2024/10/15	2025/10/14
Coaxial Cable	Huber+Suhner	SF104	HC-CB04	30 MHz-18 GHz, 11m	2024/08/07	2025/08/06
Coaxial Cable	Huber+Suhner, Rosnol	SF102_UP0264	HC-CB04-1	18-40 GHz, 3m	2024/08/13	2025/08/12
Pre-Amplifier	EMCI	EMC01820I	980364	30M-8 GHz,20 dB	2024/06/04	2025/06/03
Pre-Amplifier	EMEC	EM01G18GA	060835	1-18 GHz,50 dB	2024/07/16	2025/07/15
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	QSPR Version 6.00.00114.1
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For non-beamforming Function

<4TX, Nss 1, FRU mode>

Modulation	Frequency (MHz)
802.11b	2412
	2437
	2462
802.11g	2412
	2437
	2462
802.11be (20 MHz)	2412
	2437
	2462
802.11be (40 MHz)	2422
	2437
	2452

<4TX, Nss 4, FRU mode >

Modulation	Frequency (MHz)
802.11be (20 MHz)	2412
	2437
	2462
802.11be (40 MHz)	2422
	2437
	2452

<4TX, Nss 1, MRU mode>

Modulation	Frequency (MHz)
802.11be (20 MHz) (DL_20_Full (RU242) _MCS0)	2412
	2437
	2462
802.11be (40 MHz) (DL_40_Full (RU 484) _MCS0)	2422
	2437
	2452

<4TX, Nss 4, MRU mode>

Modulation	Frequency (MHz)
802.11be (20 MHz) (DL_20_Full (RU242) _MCS0)	2412
	2437
	2462
802.11be (40 MHz) (DL_40_Full (RU 484) _MCS0)	2422
	2437
	2452

For beamforming Function**<4TX, NSS 1>**

Modulation	Frequency (MHz)
802.11be (20 MHz)	2412
	2437
	2462
802.11be (40 MHz)	2422
	2437
	2452

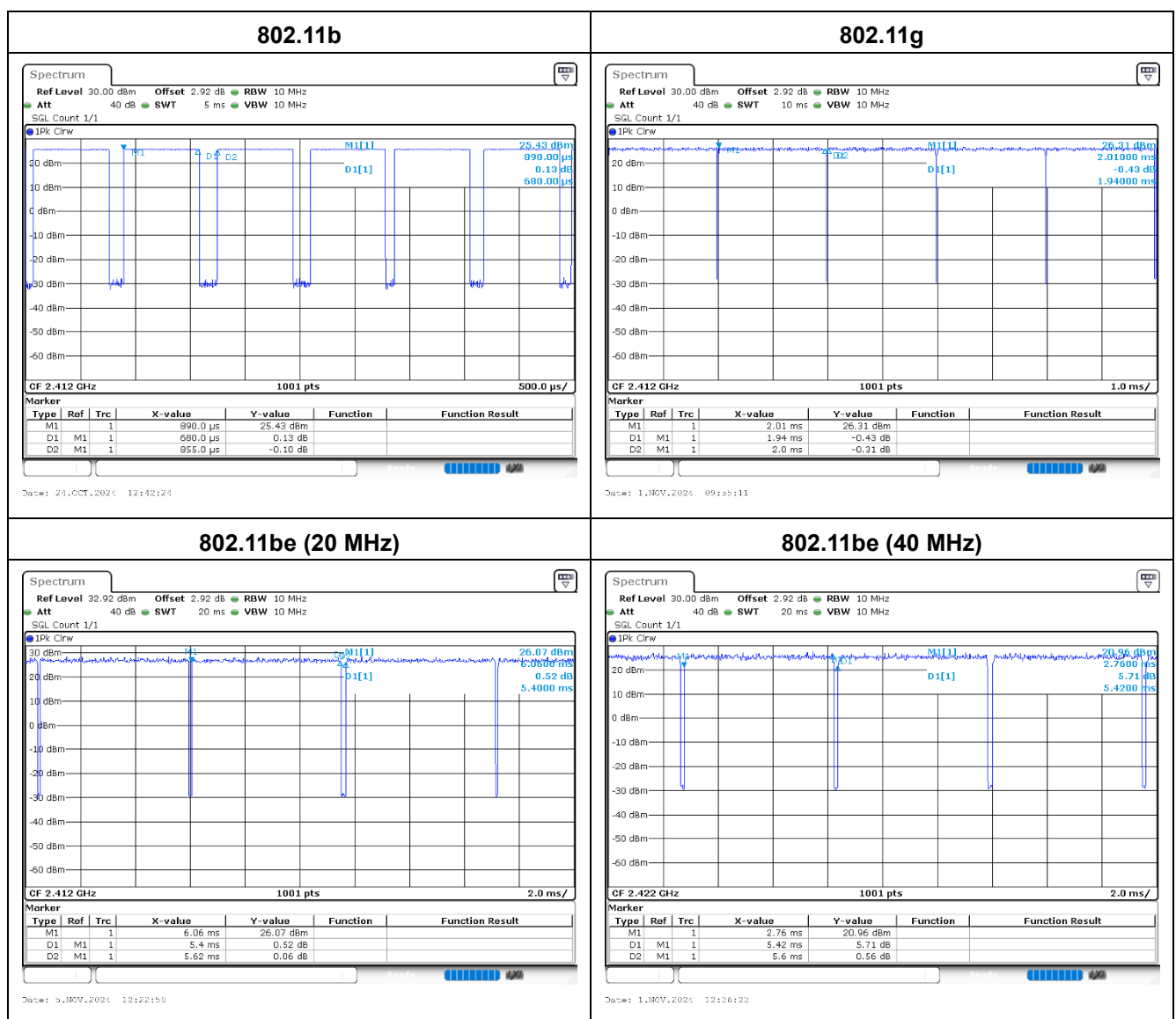
2.3. Duty Cycle

For non-beamforming Function

<4TX, Nss 1>

Modulation	On Times (ms)	On+Off Times (ms)	Duty Cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
802.11b	0.680	0.855	79.53	0.995	1.471
802.11g	1.940	2.000	97.00	0.132	0.515
802.11be (20 MHz)	5.400	5.620	96.09	0.173	0.185
802.11be (40 MHz)	5.420	5.600	96.79	0.142	0.185

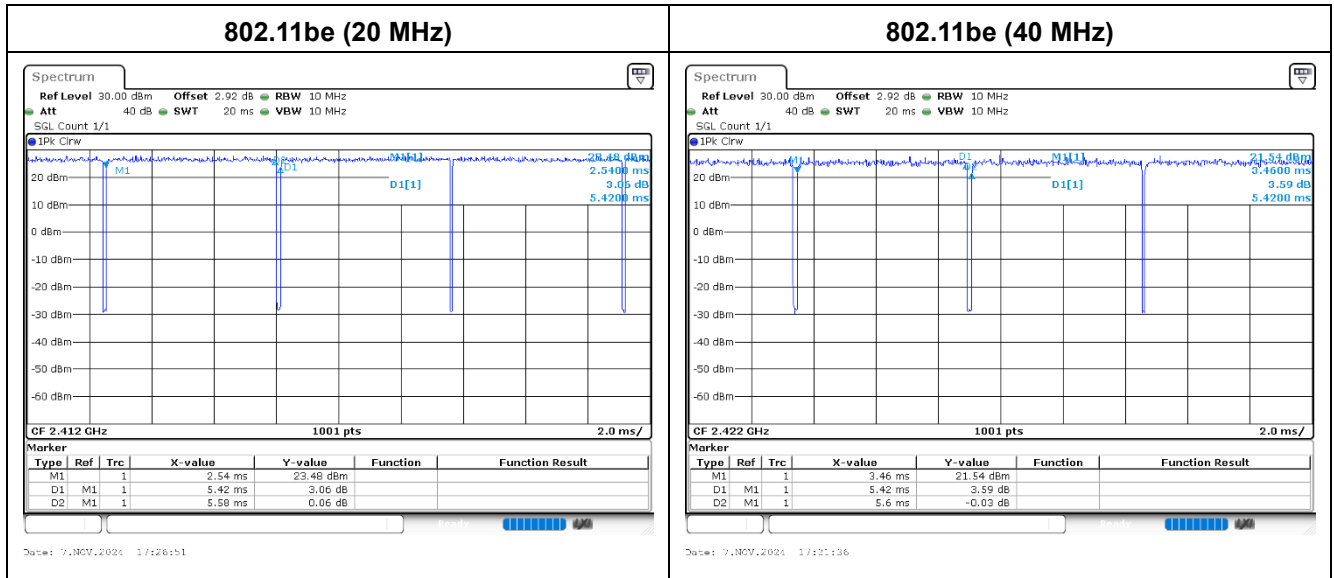
Note: The duty factor will compensate for the total power and power spectral density.



<4TX, Nss 4>

Modulation	On Times (ms)	On+Off Times (ms)	Duty Cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
802.11be (20 MHz)	5.420	5.580	97.13	0.126	0.185
802.11be (40 MHz)	5.420	5.600	96.79	0.142	0.185

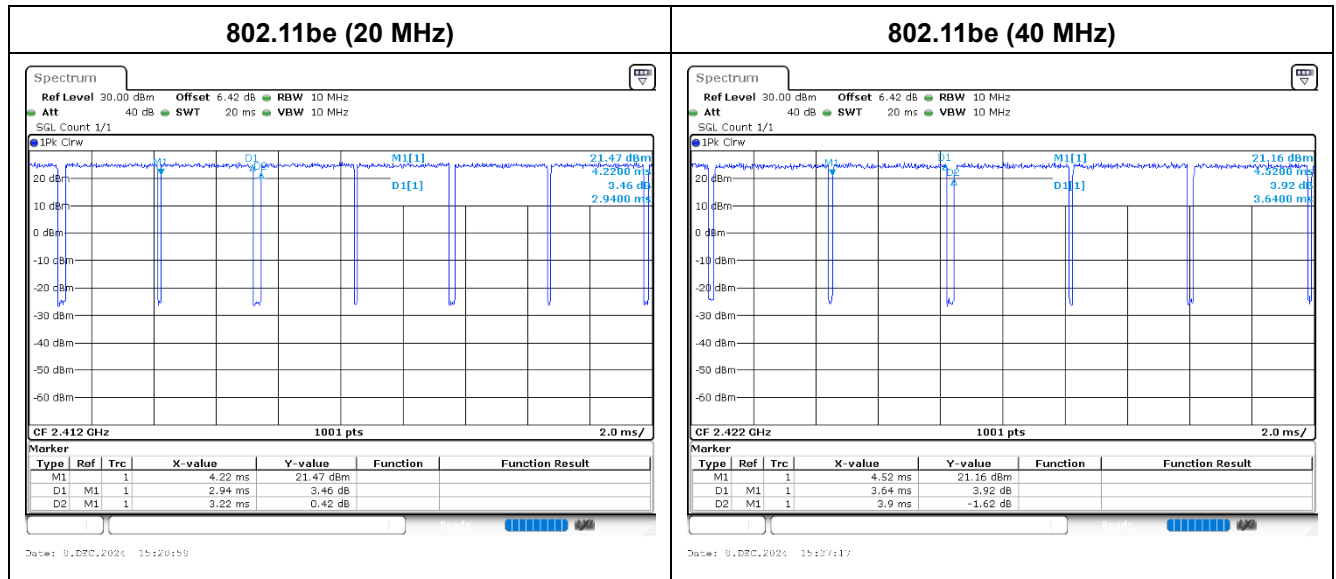
Note: The duty factor will compensate for the total power and power spectral density.



For beamforming Function**<4TX, NSS 1>**

Modulation	On Times (ms)	On+Off Times (ms)	Duty Cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
802.11be (20 MHz)	2.940	3.220	91.30	0.395	0.340
802.11be (40 MHz)	3.640	3.900	93.33	0.300	0.275

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

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

Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	Transmit
1	WiFi 2.4 GHz + WiFi 5 GHz
2	WiFi 2.4 GHz + WiFi 5 GHz + BLE
3	WiFi 2.4 GHz + WiFi 5 GHz + Thread
4	WiFi 2.4 GHz + WiFi 5 GHz + BLE + Thread
5	WiFi 2.4 GHz + WiFi 5 GHz + WiFi 6 GHz
6	WiFi 2.4 GHz + WiFi 5 GHz + WiFi 6 GHz + BLE
7	WiFi 2.4 GHz + WiFi 5 GHz + WiFi 6 GHz + BLE + Thread
8	WiFi 2.4 GHz + WiFi 6 GHz
9	WiFi 2.4 GHz + WiFi 6 GHz + BLE
10	WiFi 2.4 GHz + WiFi 6 GHz + Thread
11	WiFi 2.4 GHz + WiFi 6 GHz + BLE + Thread
12	WiFi 5 GHz + WiFi 6 GHz
13	WiFi 5 GHz + WiFi 6 GHz + BLE
14	WiFi 5 GHz + WiFi 6 GHz + Thread
15	WiFi 5 GHz + WiFi 6 GHz + BLE + Thread

Refer to DEKRA Test Report No.: 2450512R-RFUSV17S-A for Co-location RF Exposure Evaluation.

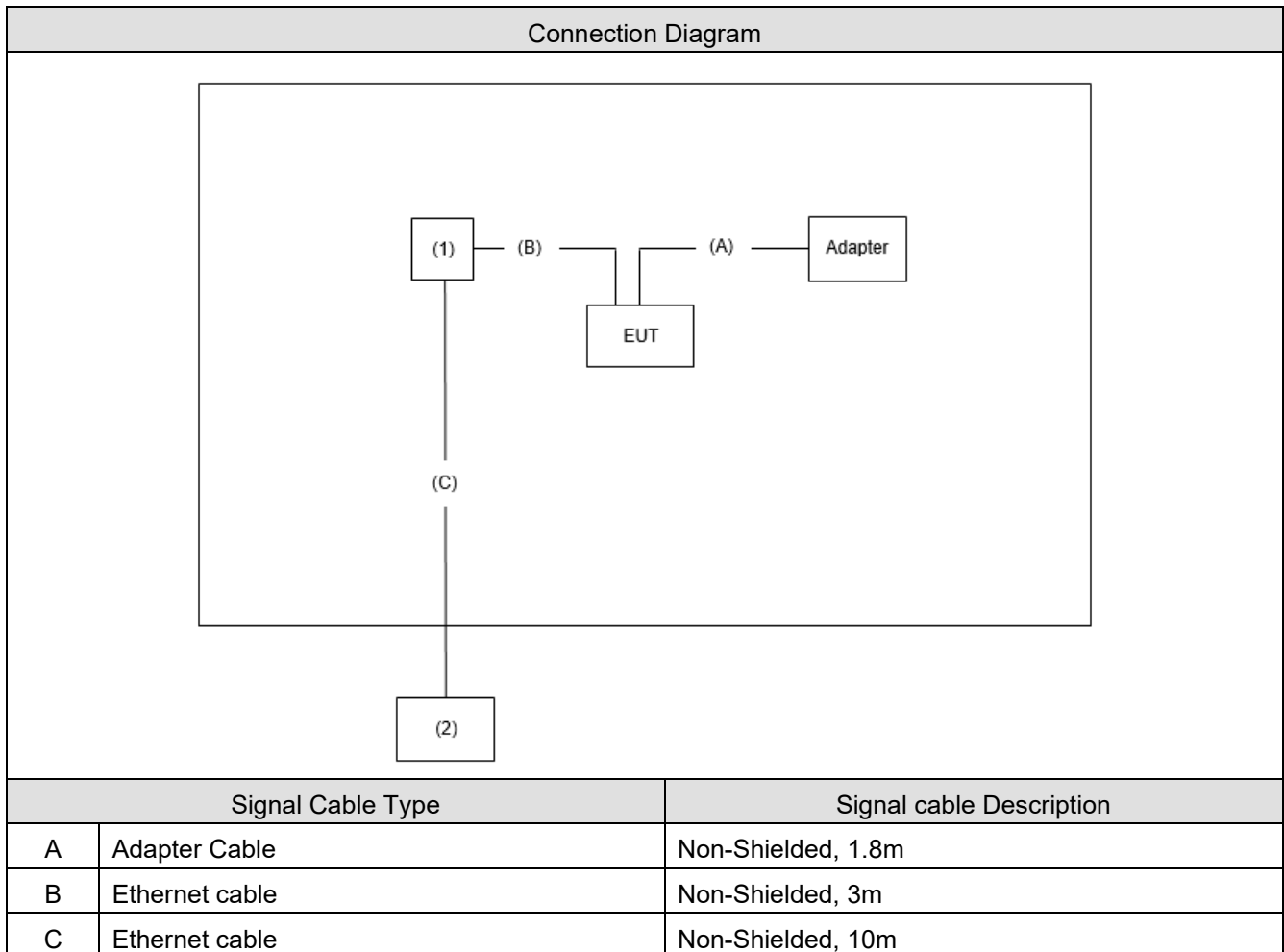
Note:

1. Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
2. For radiated spurious emission below 1 GHz and AC power line conducted emission have performed all modes of operation were investigated and the worst-case emissions are reported.
3. The modulation and bandwidth are similar for 802.11n mode for HT20/HT40, VHT mode for VHT20/VHT40, 802.11ax mode for HEW20/HEW40 and 802.11be mode for EHT20/EHT40, therefore investigated worst case to representative mode in test report.

2.5. Tested System Details

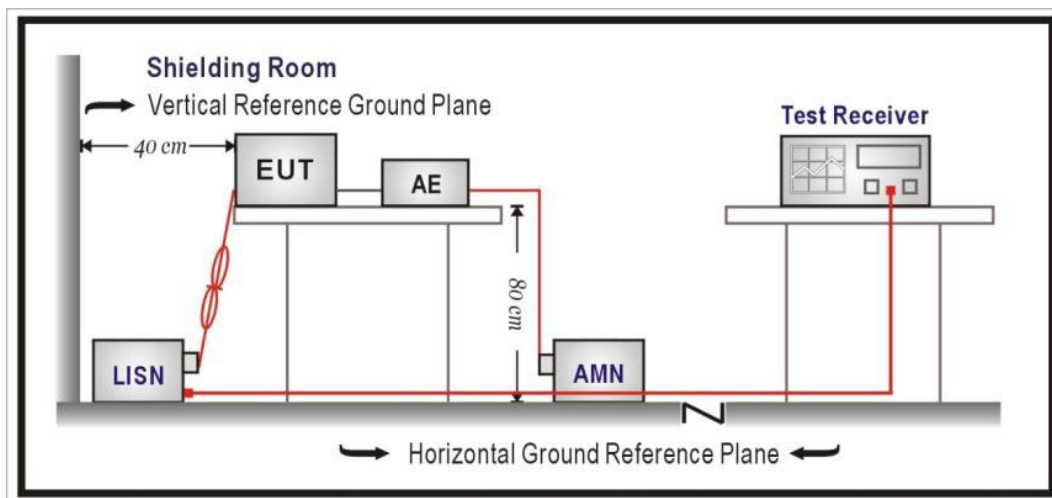
No.	Equipment	Brand Name	Model No.	Serial No.
1	RJ45 connector	DEKRA	Z7	N/A
2	Notebook	DELL	Latitude E6320	5482288508

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.

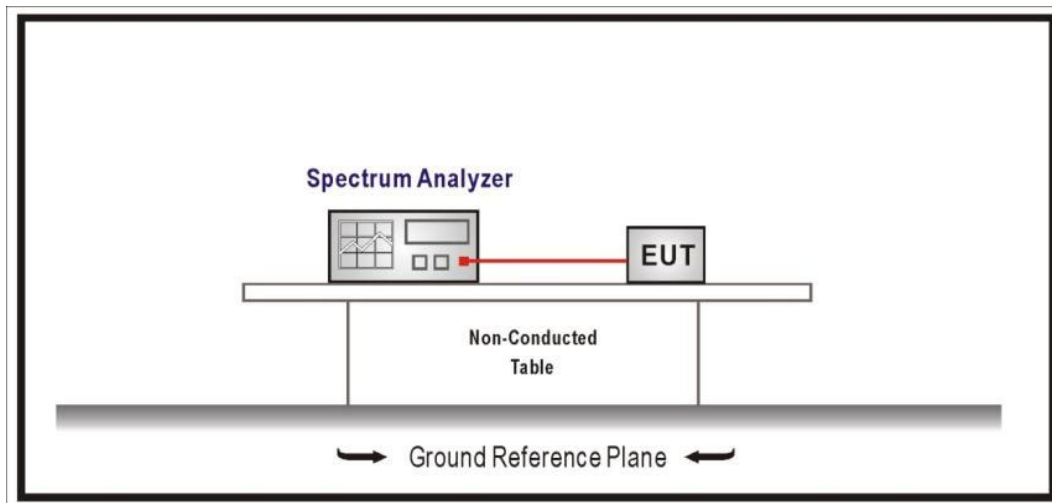
Conducted emissions were investigated over the frequency range from 0.15 MHz to 30 MHz using a receiver bandwidth of 9 kHz.

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

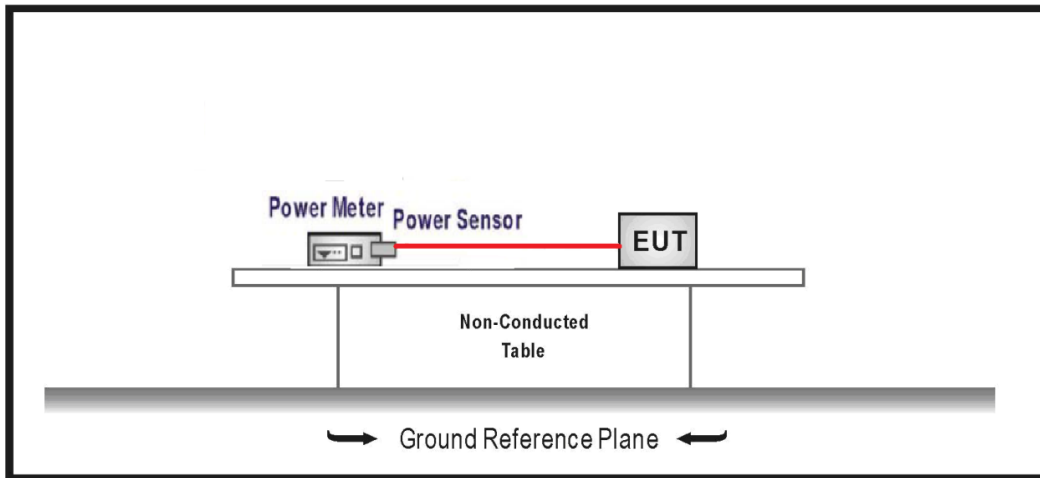
The EUT was setup according to ANSI C63.10; tested according to DTS test procedure of KDB 558074.

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

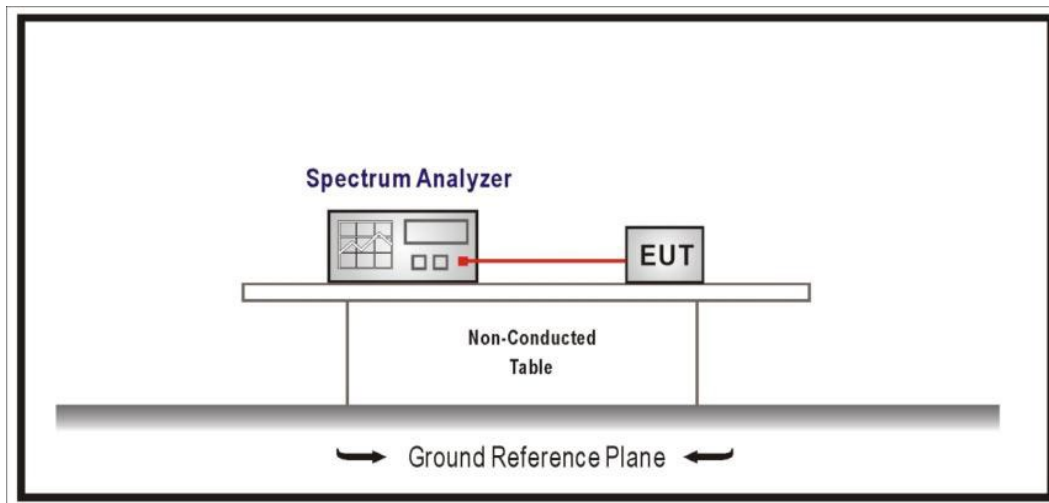
The EUT was setup according to ANSI C63.10; tested according to DTS test procedure of KDB 558074.

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

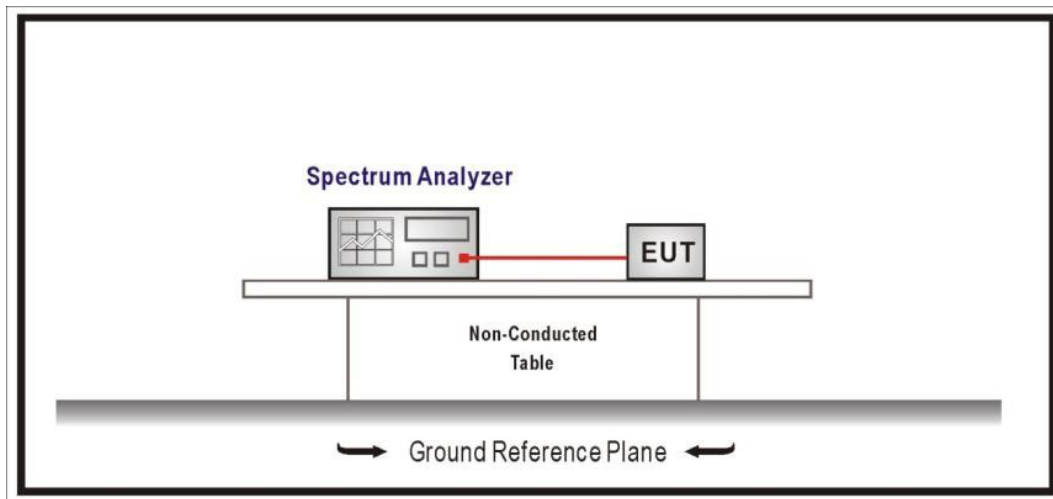
The EUT was setup according to ANSI C63.10; tested according to DTS test procedure of KDB 558074.

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.

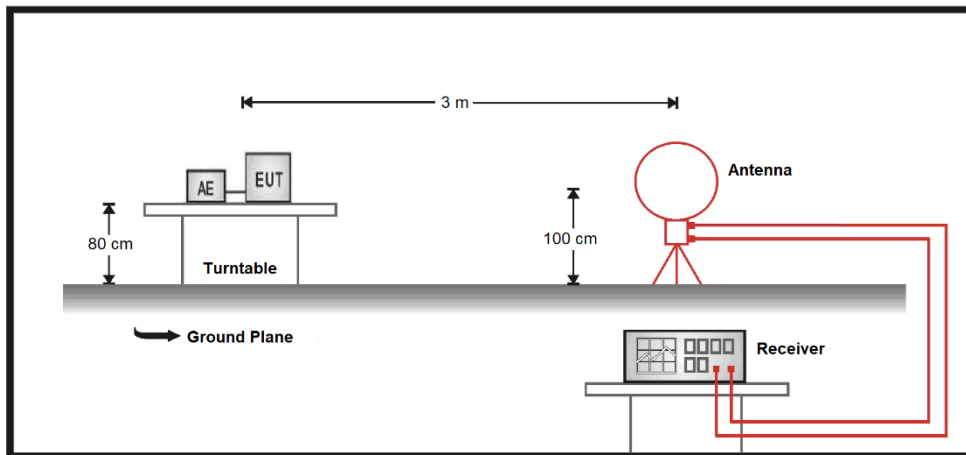
7.4. Test Result of Antenna Port Conducted Emission

Refer as Appendix E

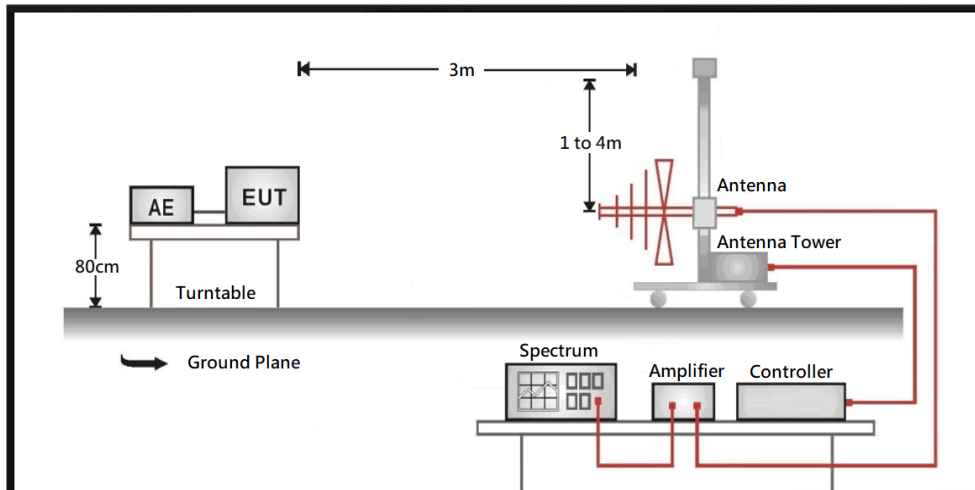
8. Transmitter Radiated Spurious Emission

8.1. Test Setup

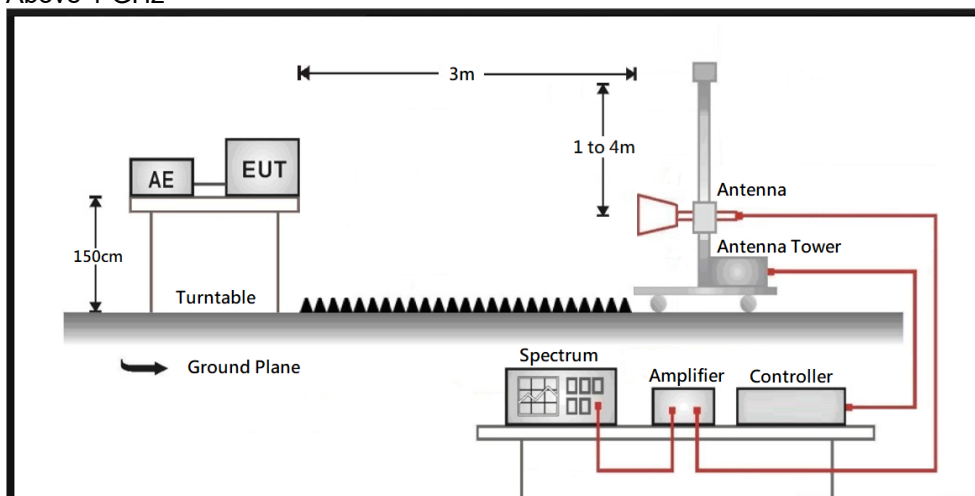
9 kHz ~ 30 MHz



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)

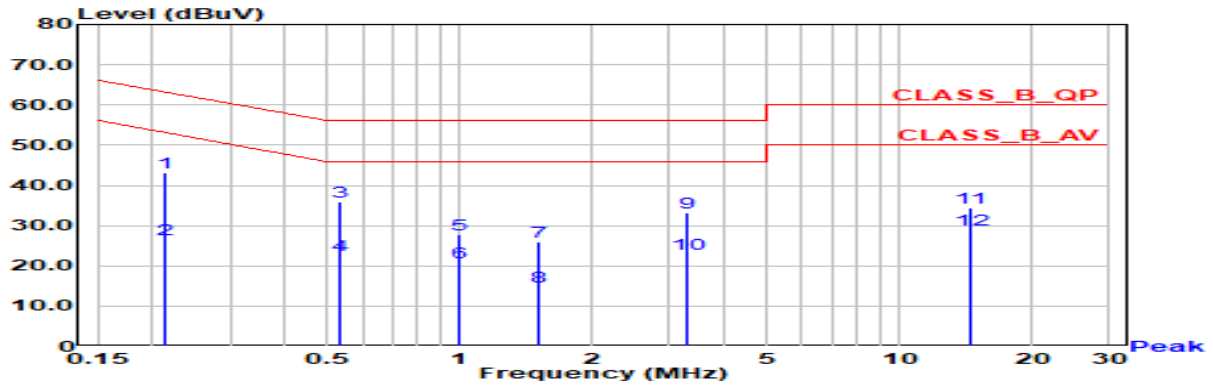
The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

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	Transmit	Phase	Line
Test Condition	WIFI_2.4G		

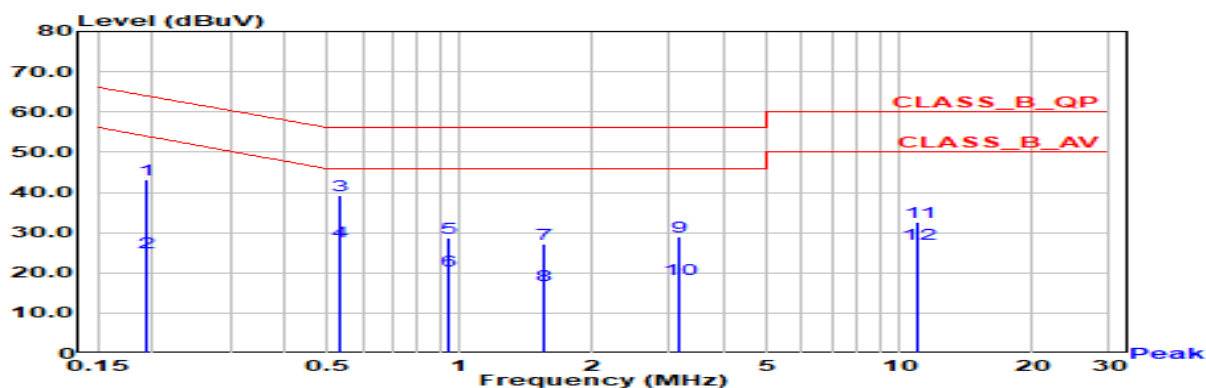


No	Frequency (MHz)	Emission Level (dBUV)	Limit (dBUV)	Margin (dB)	Reading Level (dBUV)	Correct Factor (dB)	Detector Type
*1	0.213	43.25	63.08	-19.83	33.63	9.63	QP
2	0.213	26.49	53.08	-26.58	16.87	9.63	AV
3	0.536	36.06	56.00	-19.94	26.41	9.66	QP
4	0.536	22.62	46.00	-23.38	12.96	9.66	AV
5	0.993	27.90	56.00	-28.10	18.20	9.70	QP
6	0.993	20.68	46.00	-25.32	10.98	9.70	AV
7	1.518	25.99	56.00	-30.01	16.26	9.73	QP
8	1.518	14.88	46.00	-31.12	5.15	9.73	AV
9	3.271	33.33	56.00	-22.67	23.51	9.82	QP
10	3.271	23.01	46.00	-22.99	13.19	9.82	AV
11	14.490	34.46	60.00	-25.54	24.29	10.16	QP
*12	14.490	29.12	50.00	-20.88	18.95	10.16	AV

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	Transmit	Phase	Neutral
Test Condition	WIFI_2.4G		



No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.194	43.09	63.87	-20.77	33.47	9.62	QP
2	0.194	25.20	53.87	-28.66	15.58	9.62	AV
*3	0.531	39.19	56.00	-16.81	29.53	9.66	QP
*4	0.531	27.79	46.00	-18.21	18.13	9.66	AV
5	0.943	28.75	56.00	-27.25	19.04	9.70	QP
6	0.943	20.54	46.00	-25.46	10.83	9.70	AV
7	1.552	27.06	56.00	-28.94	17.32	9.74	QP
8	1.552	16.78	46.00	-29.22	7.04	9.74	AV
9	3.165	28.95	56.00	-27.05	19.12	9.82	QP
10	3.165	18.42	46.00	-27.58	8.60	9.82	AV
11	11.044	32.62	60.00	-27.38	22.46	10.16	QP
12	11.044	27.09	50.00	-22.91	16.93	10.16	AV

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

For non-beamforming function:

<4TX, NSS 1, FRU mode>

Modulation	Frequency (MHz)	99% Occupied Bandwidth (MHz)				Limit (MHz)
		Ant. 1	Ant. 2	Ant. 3	Ant. 4	
802.11b	2412	13.19	13.11	13.23	13.07	-
	2437	13.19	13.19	13.27	13.19	-
	2462	13.19	13.15	13.19	13.15	-
802.11g	2412	16.82	16.94	16.94	16.90	-
	2437	17.06	17.02	17.02	17.06	-
	2462	17.02	16.98	17.06	17.02	-
802.11be (20MHz)	2412	19.06	19.06	19.06	19.02	-
	2437	19.22	19.38	19.06	19.10	-
	2462	19.10	19.14	19.06	19.18	-
802.11be (40MHz)	2422	38.28	38.20	38.28	38.36	-
	2437	38.36	38.36	38.28	38.36	-
	2452	38.36	38.28	38.52	38.28	-

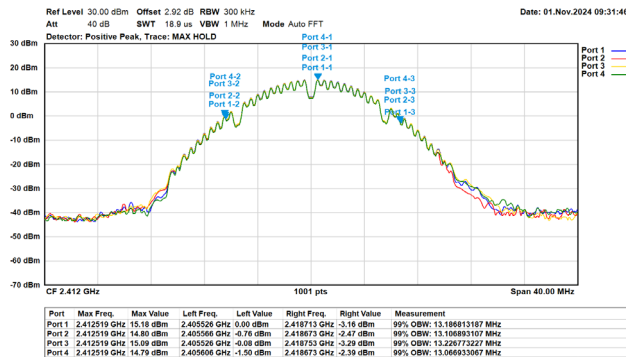
<4TX, NSS 1, MRU mode>

Modulation	Frequency (MHz)	99% Occupied Bandwidth (MHz)				Limit (MHz)
		Ant. 1	Ant. 2	Ant. 3	Ant. 4	
802.11be (20MHz) (DL_20_Full (RU242)_MCS0)	2412	19.06	19.02	19.10	18.98	-
	2437	19.26	19.14	19.14	19.18	-
	2462	19.06	19.18	19.10	19.10	-
802.11be (40MHz) (DL_40_Full (RU484)_MCS0)	2422	37.96	38.12	38.28	38.20	-
	2437	38.20	38.36	38.36	38.28	-
	2452	38.36	38.44	38.44	38.52	-

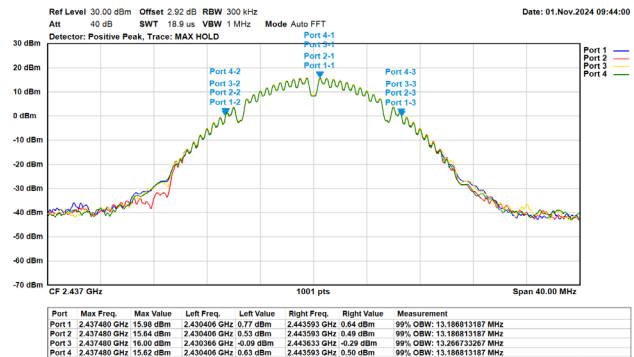
For non-beamforming function:

<4TX, NSS 1, FRU mode>

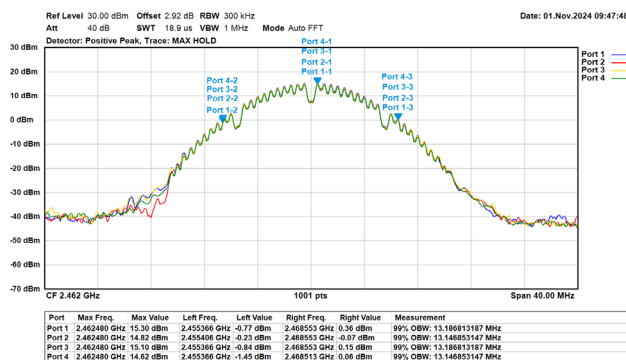
802.11b/20MHz/1M/2412MHz/Ch1



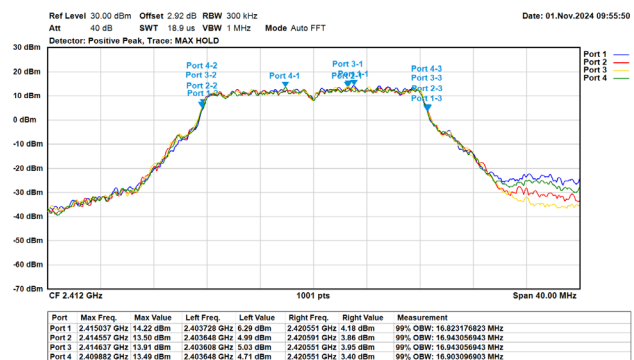
802.11b/20MHz/1M/2437MHz/Ch6



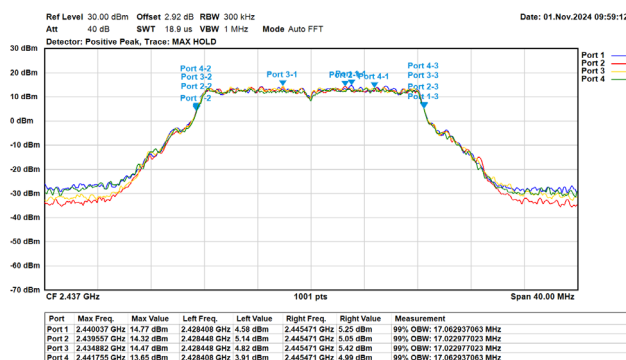
802.11b/20MHz/1M/2462MHz/Ch11



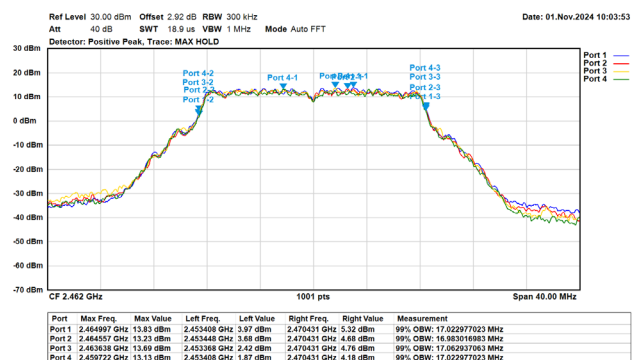
802.11g/20MHz/6M/2412MHz/Ch1



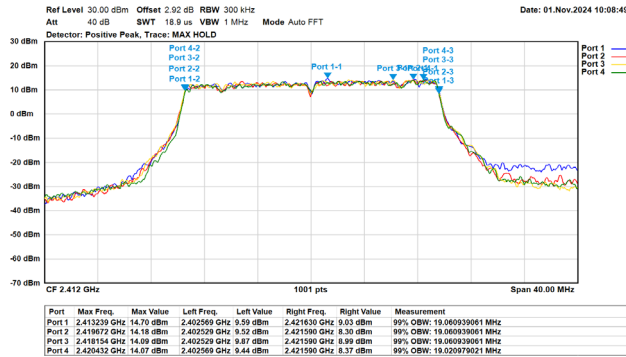
802.11g/20MHz/6M/2437MHz/Ch6



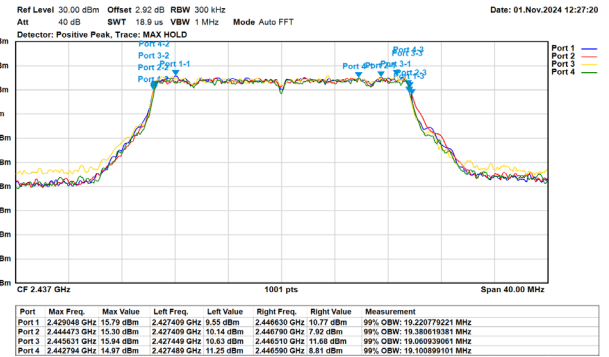
802.11g/20MHz/6M/2462MHz/Ch11



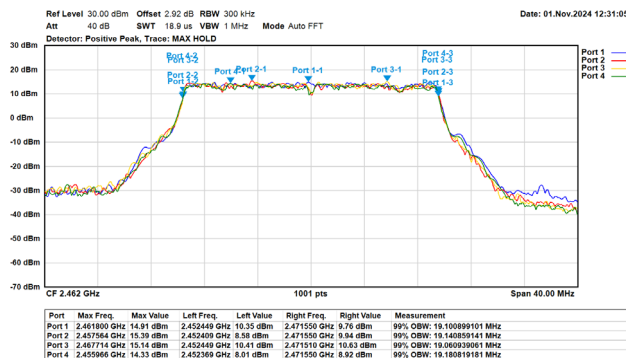
802.11be/20MHz/MCS0/2412MHz/Ch1



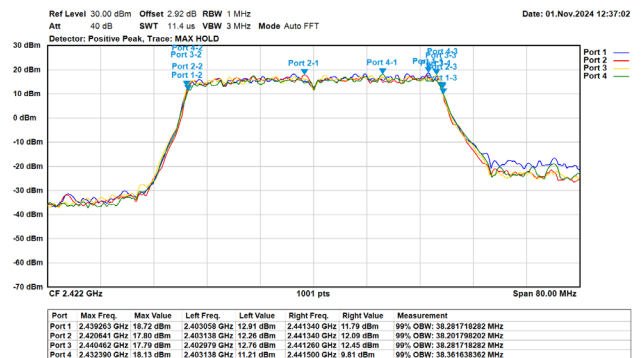
802.11be/20MHz/MCS0/2437MHz/Ch6



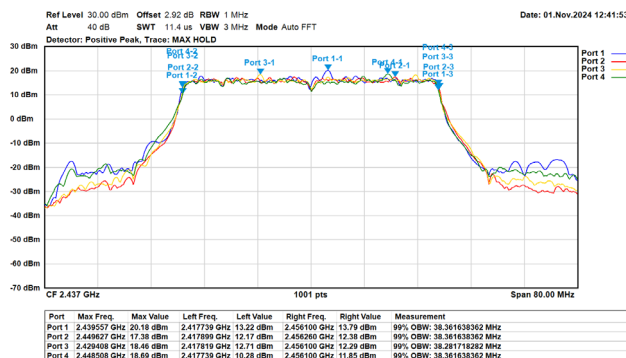
802.11be/20MHz/MCS0/2462MHz/Ch11



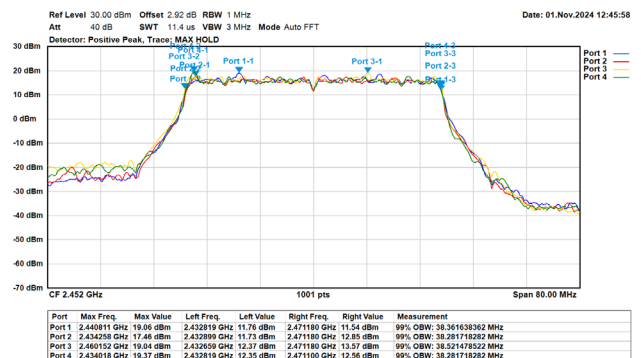
802.11be/40MHz/MCS0/2422MHz/Ch3



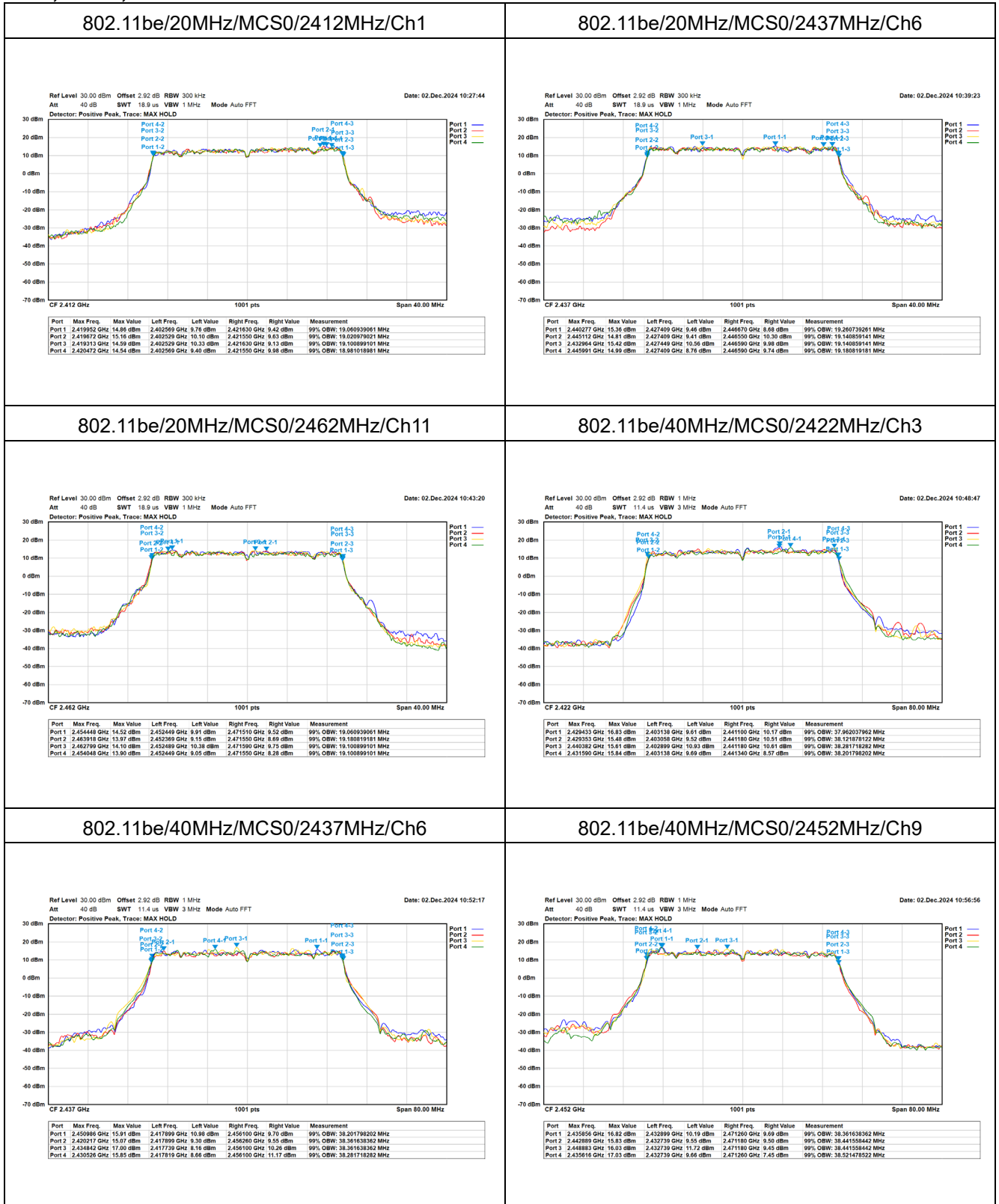
802.11be/40MHz/MCS0/2437MHz/Ch6



802.11be/40MHz/MCS0/2452MHz/Ch9



<4TX, NSS 1, MRU mode>



Appendix B.2 Test Result of DTS Bandwidth

For non-beamforming function:

<4TX, NSS 1, FRU mode>

Modulation	Frequency (MHz)	DTS Bandwidth (MHz)				Limit (MHz)	Result
		Ant. 1	Ant. 2	Ant. 3	Ant. 4		
802.11b	2412	8.04	8.04	7.60	7.60	0.50	Pass
	2437	8.00	8.00	7.12	8.00	0.50	Pass
	2462	8.00	8.00	7.56	7.12	0.50	Pass
802.11g	2412	15.92	16.32	16.32	16.32	0.50	Pass
	2437	16.32	16.32	16.32	16.32	0.50	Pass
	2462	16.32	16.36	16.32	16.36	0.50	Pass
802.11be (20MHz)	2412	19.00	18.76	18.92	19.04	0.50	Pass
	2437	19.04	19.04	19.12	19.08	0.50	Pass
	2462	19.00	19.04	19.08	19.08	0.50	Pass
802.11be (40MHz)	2422	37.44	38.16	37.52	37.84	0.50	Pass
	2437	38.16	38.08	38.16	38.08	0.50	Pass
	2452	38.16	38.08	38.32	38.24	0.50	Pass

<4TX, NSS 1, MRU mode>

Modulation	Frequency (MHz)	DTS Bandwidth (MHz)				Limit (MHz)	Result
		Ant. 1	Ant. 2	Ant. 3	Ant. 4		
802.11be (20MHz) (DL_20_Full (RU242)_MCS0)	2412	18.48	18.24	18.72	18.84	0.50	Pass
	2437	19.04	19.00	19.08	19.04	0.50	Pass
	2462	19.04	19.08	18.96	19.08	0.50	Pass
802.11be (40MHz) (DL_40_Full (RU484)_MCS0)	2422	37.04	38.00	37.76	37.68	0.50	Pass
	2437	38.08	38.08	38.40	38.16	0.50	Pass
	2452	38.16	38.08	38.24	38.24	0.50	Pass